**CITY OF CITRUS HEIGHTS**
**CITY COUNCIL**
**Special and Regular Meeting of Wednesday, May 13, 2026**
**City Hall Council Chambers 6360 Fountain Square Drive, Citrus Heights, CA**
**Teleconference Location - 6412 Oakcreek Way, Citrus Heights, CA 95621**
**5:00 PM SPECIAL MEETING**
**6:00 PM REGULAR MEETING**

**HOW TO PARTICIPATE:**

The City of Citrus Heights welcomes your interest and involvement in the City's legislative process. The Council may take up any agenda item at any time, regardless of the order listed. If you wish to address the Council during the meeting, please fill out a Speaker Identification Sheet and give it to the City Clerk before the item is heard. When you are called upon to speak, step forward to the podium and state your name for the record. Normally, speakers are limited to three (3) minutes each. The Mayor has the discretion to lengthen or shorten the allotted times. Alternatively, you may submit your comment by 4:00 p.m. on the meeting day by completion of an online Speaker Card at https://www.citrusheights.net/FormCenter/City-Council-Meetings-Speaker-Card-30. Written public comments shall be limited to 250 words or less. Each comment will be read aloud by the City Clerk.

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**LEVINE ACT:**

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This Meeting Will Be Conducted In Accordance With The Brown Act, Government Code Section 54953, Teleconferencing. Any Member Of The Public May Attend This Meeting Either At The Council Chambers Or At The Teleconference Location.

May 13, 2026 City Council Agenda Packet

Documents:

05-13- 26 SPECIAL AND REGULAR COUNCIL AGENDA PACKET.PDF

CALL SPECIAL MEETING TO ORDER
1. Roll Call: Council Members: Karpinski- Costa, Nelson, Schaefer, Middleton, Lopez - Taff

PUBLIC COMMENT

CLOSED SESSION

2. CONFERENCE WITH LABOR NEGOTIATORS

Pursuant to California Government Code Section 54957.6
Agency designated representatives: Ashley Feeney, City Manager, Ryan Jones, City Attorney, and Patrick Clark, Negotiator
Employee Organization: Citrus Heights Police Officers Association, Citrus Heights Police Employees Association, and unrepresented employees

3. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Significant exposure to litigation pursuant to Government Code Section 54956.9(d)(2)
Number of potential cases: 2

REPORT OUT OF CLOSED SESSION

ADJOURNMENT

CALL REGULAR MEETING TO ORDER
1. Flag Salute

2. Roll Call: Council Members: Karpinski- Costa, Nelson, Schaefer, Middleton, Lopez - Taff

3. Video Statement

APPROVAL OF AGENDA

PRESENTATIONS

4. Mesa Verde High School Student Council Report

5. Proclamation Of The City Of Citrus Heights Proclaiming May 2026 As Building & Safety Month

6. Proclamation Of The City Of Citrus Heights Proclaiming May 17 -23, 2026 As National Public Works Week

7. Proclamation Of The City Of Citrus Heights Proclaiming May 11 -16, 2026 As National Police Week

PUBLIC COMMENT
Members of the public are entitled to address the City Council concerning any item within the City Council's subject matter jurisdiction. Pursuant to the Brown Act, the City Council is prohibited from discussing or acting on any item raised during "Public Comment" not appearing on the posted agenda.

COMMENTS BY COUNCIL MEMBERS AND REGIONAL BOARD UPDATES

CONSENT CALENDAR

It is recommended that all consent items be acted on simultaneously unless separate discussion and/or action are requested by a Council Member.

8. SUBJECT: Approval Of Minutes

RECOMMENDATION: Approve the Minutes of the Special and Regular Meetings of February 25, 2026

9. SUBJECT: Quarterly Treasurer ls Report

STAFF REPORT: S. Talwar, D. Jenkins
RECOMMENDATION: Staff recommends the City Council receive and file the Quarterly Treasurer's Report for the quarter ending March 31, 2026

10. SUBJECT: 2025 Road Resurfacing Project – Authorize Additional Work

STAFF REPORT: R. Cave / L. Blomquist
RECOMMENDATION: Adopt Resolution No. 2026-___, A Resolution of the City Council of the City of Citrus Heights, California, Authorizing the City Manager to Execute Change Orders up to 25% of the Contract Amount with Valley Slurry Seal International, Inc. for the 2025 Road Resurfacing Project and Increasing the Total Authorized Construction Budget to $10,039,156.25

11. SUBJECT: Auburn Boulevard Complete Streets, Phase 2 Project – Authorize Additional Work

STAFF REPORT: R. Cave / L. Blomquist
RECOMMENDATION: Adopt Resolution No. 2026-___, A Resolution of the City Council of the City of Citrus Heights, California, Authorizing the City Manager to Execute Change Orders up to 11% of the Contract Amount with George Reed, Inc. for the Auburn Boulevard Complete Streets, Phase 2 Project and Increasing the Total Authorized Construction Budget to $35,786,686.60

12. SUBJECT: Dewey Drive / Van Maren Lane Enhancement Project – Final Acceptance And Notice Of Completion

STAFF REPORT: R. Cave / L. Blomquist
RECOMMENDATION: Adopt Resolution No. 2026-___, A Resolution of the City Council of the City of Citrus Heights, California, Accepting the Dewey Drive / Van Maren Lane Enhancement Project as Complete and Authorizing the City Engineer to Record a Notice of Completion and Release the Contract Retention

13. SUBJECT: Resolution Authorizing Additional Applications For Grant Funding From The Sacramento Area Council Of Governments (SACOG) 2026 Federal Funding Programs

STAFF REPORT: R. Cave / L. Blomquist / M. Poole
RECOMMENDATION: Adopt Resolution No. 2026-___, A Resolution of the City Council of the City of Citrus Heights, California, Authorizing the Submittal of Additional Applications for Grant Funding from the Sacramento Area Council of Governments (SACOG) 2026 Federal Funding Programs and Identifying Additional Priority Projects for the Various Funding Programs

14. SUBJECT: Approval To Execute An Agreement With Axon Enterprise, Inc. To Purchase An Integrated Public Safety Technology Platform

STAFF REPORT: A. Turcotte / M. Wells / W. Herman / C. Kinnan
RECOMMENDATION: Adopt Resolution No. 2026-___, A Resolution of the City Council of the City of Citrus Heights, California, Authorizing the City Manager to Execute a 5 -Year Agreement with Axon Enterprise, Inc. for the Purchase and Implementation of an Integrated Public Safety Technology Platform

15. SUBJECT: Approval Of Administrative Amendments To City Council Handbook

STAFF REPORT: A. Van
RECOMMENDATION: Adopt Resolution No. 2026-___, A Resolution of the City Council of the City of Citrus Heights, California, Approving Administrative Amendments to the City of Citrus Heights City Council Handbook

PUBLIC HEARINGS

16. SUBJECT: Gateway Activation Project Amendments To The Bikeway Master Plan, Pedestrian Master Plan, General Plan Bikeways Map And Adoption Of Mitigated Negative Declaration

STAFF REPORT: C. Kempenaar / R. Cave / L. Blomquist / A. Bermudez / M. Brown
RECOMMENDATION: Adopt Resolution No. 2026-____, A Resolution of the City Council of the City of Citrus Heights, California, Adopting the Mitigated Negative Declaration, Adopting the Mitigation Monitoring Plan, and Adopting the Updated Bikeway Master Plan, Pedestrian Master Plan and the General Plan Bikeway Map Incorporating the Gateway Activation Project

REGULAR CALENDAR

17. SUBJECT: Approval To Execute An Agreement With Verra Mobility For Red -Light Photo Enforcement

STAFF REPORT: A. Turcotte / K. Frey / W. Dunning
RECOMMENDATION: Adopt Resolution No. 2026-___, A Resolution of the City Council of the City of Citrus Heights, California, Authorizing the City Manager to Execute a three-year Agreement with Verra Mobility for the Continued Operation, Maintenance, and Administration of the Red -Light Camera Enforcement Program, with the Option for two Additional One -Year Renewals

ITEMS REQUESTED BY COUNCIL MEMBERS / FUTURE AGENDA ITEMS

18. SUBJECT: America 's 250 Year Anniversary Mural Installation At City Hall

STAFF REPORT: R. Cave
RECOMMENDATION: Adopt Resolution No. 2026-____, A Resolution of the City Council of the City of Citrus Heights, California, Authorizing Citrus Heights Arts to Proceed with Planning and Installation of a 250 Year Anniversary Mural at City Hall and Further Authorizes an Allocation of Community Support Funding to Assist with Costs Associated with Installation of the Mural

CITY MANAGER ITEMS

ADJOURNMENT

**AMERICANS WITH DISABILITIES ACT:**

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**MariJane Lopez-Taff**, *Mayor*
**Porsche Middleton**, *Vice Mayor*
**Dr. Jayna Karpinski-Costa,** *Council Member*
**Kelsey Nelson**, *Council Member*
**Tim Schaefer**, *Council Member*

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**Special and Regular Meetings of Wednesday, May 13, 2026**
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**Special Meeting 5:00 p.m.**
**Regular Meeting 6:00 p.m.**

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May 8, 2026

Amy Van, City Clerk

## SPECIAL CITY COUNCIL MEETING
## 5:00 PM

### CALL SPECIAL MEETING TO ORDER

1. Roll Call: Council Members: Karpinski-Costa, Nelson, Schaefer, Middleton, Lopez-Taff

### PUBLIC COMMENT

### CLOSED SESSION

2. CONFERENCE WITH LABOR NEGOTIATORS
   Pursuant to California Government Code Section 54957.6
   Agency designated representatives: Ashley Feeney, City Manager, Ryan Jones, City Attorney, and Patrick Clark, Negotiator
   Employee Organization: Citrus Heights Police Officers Association, Citrus Heights Police Employees Association, and unrepresented employees

3. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
   Significant exposure to litigation pursuant to Government Code Section 54956.9(d)(2)
   Number of potential cases: 2

### REPORT OUT OF CLOSED SESSION

### ADJOURNMENT

## REGULAR CITY COUNCIL MEETING
## 6:00 PM

### CALL REGULAR MEETING TO ORDER

1. Flag Salute

2. Roll Call: Council Members: Karpinski-Costa, Nelson, Schaefer, Middleton, Lopez-Taff

3. Video Statement

### APPROVAL OF AGENDA

### PRESENTATIONS

4. Mesa Verde High School Student Council Report

5. Proclamation of the City of Citrus Heights Proclaiming May 2026 as Building & Safety Month

6. Proclamation of the City of Citrus Heights Proclaiming May 17-23, 2026 as National Public Works Week

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**PUBLIC COMMENT**
This is an opportunity to make a public comment on non-agenda items. Pursuant to the Brown Act, the City Council is prohibited from discussing or acting on any item raised during "Public Comment" not appearing on the posted agenda.

**COMMENTS BY COUNCIL MEMBERS AND REGIONAL BOARD UPDATES**

**CONSENT CALENDAR (Estimated Start Time 6:50 p.m.)**
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**RECOMMENDATION:** Approve the Minutes of the Special and Regular Meetings of February 25, 2026

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**STAFF REPORT:** S. Talwar, D. Jenkins
**RECOMMENDATION:** Staff recommends the City Council receive and file the Quarterly Treasurer's Report for the quarter ending March 31, 2026

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**STAFF REPORT:** R. Cave / L. Blomquist
**RECOMMENDATION:** Adopt Resolution No. 2026-___**,** A Resolution of the City Council of the City of Citrus Heights, California, Authorizing the City Manager to Execute Change Orders up to 25% of the Contract Amount with Valley Slurry Seal International, Inc. for the 2025 Road Resurfacing Project and Increasing the Total Authorized Construction Budget to $10,039,156.25

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**STAFF REPORT:** R. Cave / L. Blomquist / M. Poole

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**STAFF REPORT:** A. Turcotte / M. Wells / W. Herman / C. Kinnan
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**STAFF REPORT:** A. Van
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## PUBLIC HEARINGS (Estimated Start Time 7:00 p.m.)

16. **SUBJECT:** Gateway Activation Project Amendments to the Bikeway Master Plan, Pedestrian Master Plan, General Plan Bikeways Map and adoption of Mitigated Negative Declaration
**STAFF REPORT:** C. Kempenaar / R. Cave / L. Blomquist / A. Bermudez / M. Brown
**RECOMMENDATION:** Adopt Resolution No. 2026-____, A Resolution of the City Council of the City of Citrus Heights, California, Adopting the Mitigated Negative Declaration, Adopting the Mitigation Monitoring Plan, and Adopting the Updated Bikeway Master Plan, Pedestrian Master Plan and the General Plan Bikeway Map Incorporating the Gateway Activation Project

## REGULAR CALENDAR (Estimated Start Time 7:30 p.m.)

17. **SUBJECT:** Approval to Execute an Agreement with Verra Mobility for Red-Light Photo Enforcement
**STAFF REPORT:** A. Turcotte / K. Frey / W. Dunning
**RECOMMENDATION:** Adopt Resolution No. 2026-___**,** A Resolution of the City Council of the City of Citrus Heights, California, Authorizing the City Manager to Execute a three-year Agreement with Verra Mobility for the Continued Operation, Maintenance, and Administration of the Red-Light Camera Enforcement Program, with the Option for two Additional One-Year Renewals

## ITEMS REQUESTED BY COUNCIL MEMBERS / FUTURE AGENDA ITEMS

18. **SUBJECT:** America's 250 Year Anniversary Mural Installation at City Hall
**STAFF REPORT:** R. Cave
**RECOMMENDATION:** Adopt Resolution No. 2026-____, A Resolution of the City Council of the City of Citrus Heights, California, Authorizing Citrus Heights Arts to Proceed with Planning and Installation of a 250 Year Anniversary Mural at City Hall and Further Authorizes an Allocation of Community Support Funding to Assist with Costs Associated with Installation of the Mural

## CITY MANAGER ITEMS

## ADJOURNMENT

### *AMERICANS WITH DISABILITIES ACT:*

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**CITY OF CITRUS HEIGHTS**
**CITY COUNCIL**
**MINUTES**
**Special and Regular Meetings of Wednesday, February 25, 2026**
**City Hall Council Chambers**
**6360 Fountain Square Dr., Citrus Heights, CA 95621**

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## CALL SPECIAL MEETING TO ORDER

The special meeting was called to order at 2:00 p.m. by Mayor Lopez-Taff.

1. Roll Call: Council Members present: Karpinski-Costa, Nelson, Schaefer, Middleton, Lopez-Taff
   Council Members absent: None
   Staff Members present: Feeney, D. Jones, R. Jones

## PUBLIC COMMENT

None

## CLOSED SESSION

2. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
   Initiation of litigation pursuant to Government Code Section 54956.9(d)(4)
   Number of potential cases: 1

The City Council, City Manager and City Attorney participated in the closed session.

## REPORT OUT OF CLOSED SESSION

There was no reportable action from closed session.

## ADJOURNMENT

Mayor Lopez-Taff adjourned the special meeting at 5:15 p.m.

## CALL REGULAR MEETING TO ORDER

The regular meeting was called to order at 6:00 p.m. by Mayor Lopez-Taff.

1. The Flag Salute was led by Council Member Nelson.

2. Roll Call: Council Members present: Karpinski-Costa, Nelson, Schaefer, Middleton, Lopez-Taff
   Council Members absent: None
   Staff Members present: Bermudez, Drexel, Dunning, Feeney, D. Jones, Kempenaar, Poole, Turcotte and department directors.

3. The video statement was read by Acting City Clerk Jones.

## APPROVAL OF AGENDA

ACTION: On a motion by Council Member Karpinski-Costa, seconded by Council Member Schaefer, the City Council approved the agenda.

| | |
|---|---|
| AYES: | Karpinski-Costa, Nelson, Schaefer, Middleton, Lopez-Taff |
| NOES: | None |
| ABSENT: | None |

## PRESENTATIONS

4. Proclamation of the City of Citrus Heights Proclaiming March 1 – March 7, 2026 as Women in Construction Week

Vice Mayor Middleton read and presented the Proclamation to Stefanie Foltyn of the Sacramento Chapter of the National Association of Women in Construction (NAWIC).

## PUBLIC COMMENT

Kathy Morris, president of the Residents' Empowerment Association of Citrus Heights (R.E.A.C.H.), discussed the community potluck scheduled for March 9, 2026 and distributed flyers for the City Council and public.

Pieter Friedrich voiced concerns about the City of Citrus Heights' October 2023 proclamation recognizing Hindu American Awareness and Appreciation Month, including how affiliated Hindu groups used similar proclamations from nearby jurisdictions. He discussed the impact the proclamations had on Senate Bill 509, which was vetoed in 2025. He urged the City Council to deny any future proclamation requests of this nature.

Acting City Clerk Jones read the following written public comment submitted by Alfred Sanchez, "The holy month of Ramadan is upon us again.. To all who celebrate around the world. 'RAMADAN MUBARAK'!!!"

## COMMENTS BY COUNCIL MEMBERS AND REGIONAL BOARD UPDATES

Council Member Karpinski-Costa attended a Sacramento-Yolo Mosquito & Vector Control District Board meeting and provided an update on innovative mosquito abatement efforts.

Council Member Schaefer attended a Sacramento Regional Transit District (SacRT) Board meeting and a Capitol Corridor Joint Powers Authority (CCJPA) meeting and reported on transit rates and ridership.

Council Member Nelson stated she had nothing to report on for this meeting.

Vice Mayor Middleton reported on a Sacramento Transportation Authority (STA) meeting. Financing for the I Street Bridge Replacement Project was discussed, along with the future of the Sacramento Abandoned Vehicle Service Authority (SAVSA), including potential consideration of a ballot measure.

Mayor Lopez-Taff went to a Leadership Citrus Heights meeting and announced an event scheduled on May 12 for the unveiling of a mural and installation of an Automated External Defibrillator (AED) in Rusch Community Park. She attended the ribbon cutting for Juice Time and the one-year anniversary of DarkHeart Brewery. She attended her neighborhood association meeting, Citrus Heights Areas Seven, Eight, & Nine (CHASEN). She went to the Citrus Heights Chamber ACCESS Luncheon, where Sacramento County District Attorney Thien Ho spoke. She reported on a Sacramento Area Council of Governments (SACOG) meeting she attended on behalf of Council Member Schaefer. She attended a Chamber Board meeting and a Sacramento Public Library Authority Board meeting. She participated in a career panel at Rio Americano High School.

**CONSENT CALENDAR**

5. **SUBJECT:** Approval of Minutes
**RECOMMENDATION:** Approve the Minutes of the Special and Regular Meeting of January 28, 2026

6. **SUBJECT:** Second Reading – Ordinance Repealing Chapter 2, Article IV, Division 5 Construction Board of Appeals and Adding Chapter 18, Article XXXI, Building Code Board of Appeals
**STAFF REPORT:** C. Kempenaar / A. Van / J. Cuffe
**RECOMMENDATION:** Adopt Ordinance No. 2026-002, An Ordinance of the City Council of the City of Citrus Heights, California, Repealing Chapter 2, Article IV, Division 5 Construction Board of Appeals and Adding Chapter 18, Article XXXI Building Code Board of Appeals, to the Citrus Heights Municipal Code Relating to Buildings and Building Regulations

7. **SUBJECT:** Proposed Amendments to the Citrus Heights Parking Violation Fine Schedule - AB 413 "Daylighting"
**STAFF REPORT:** A. Turcotte / R. Jones / W. Dunning
**RECOMMENDATION:** Adopt Resolution No. 2026-009, A Resolution of the City Council of the City of Citrus Heights, California, Amending the Citrus Heights Parking Violation Fine Schedule to include Section 22500(n)(1)(A) of the California Vehicle Code

ACTION: On a motion by Council Member Nelson, seconded by Council Member Schaefer, the City Council adopted Consent Calendar Items 5, 6 and 7.

| | |
|---|---|
| AYES: | Karpinski-Costa, Nelson, Schaefer, Middleton, Lopez-Taff |
| NOES: | None |
| ABSENT: | None |

**REGULAR CALENDAR**

8. **SUBJECT:** Options for Residential Solid Waste and Recycling Collection Services Procurement – Results of 60-Day Negotiations
**STAFF REPORT:** R. Cave / M. Poole
**RECOMMENDATION:** Staff recommends that the City Council either:

   a. Adopt Resolution No. 2026-010, A Resolution of the City Council of the City of Citrus Heights, California, Authorizing the City Manager to Execute an Amended and Restated

Residential Solid Waste and Recycling Collection Services Agreement with Allied Waste Services of North America, LLC, Subject to Results of a Public Hearing Regarding Proposed Rate Increases; or

b. Direct staff to issue a Request for Proposal (RFP) for the Residential Solid Waste and Recycling Collection Services contract.

Mayor Lopez-Taff explained to the public how this item would be administered, with the staff presentation followed by a brief recess and then public comment.

An updated staff report was distributed to the City Council and public on February 24. Operations Manager Poole presented the outcomes of the 60-day negotiation period with Republic Services, as staff was directed to do by the Council in November 2025. She reviewed the negotiation timeline, focus areas and approach. She discussed cost comparisons of including residential street sweeping service and potential refinements to the Neighborhood Cleanup Program (NCU), including reducing the number of annual collections and pile size per pickup. Staff also evaluated the feasibility of a local Household Hazardous Waste (HHW) drop off event. Manager Poole reviewed proposed organizational improvements to be included in the contract terms, as well as program and technology improvements. In a comparison of rates across the region, Citrus Heights currently has the lowest. Rate proposals reflected minimal monthly impact, and staff recommended the option to add residential street sweeping and reduce NCU from 3 to 2 times a year. Should the Council choose an amended contract with Republic Services, a rate hearing would still be required.

City Council questions and comments followed. Carrie Baxter from R3 Consulting Group, Inc., responded to rate questions.

The City Council recessed at 7:03 p.m. and reconvened at 7:10 p.m.

Acting City Attorney Drexel made a statement addressing any potential concerns of conflicts of interest on this item under the provisions of the Levine Act pertaining to campaign contributions from participating parties made to Council Members. He stated that, in his opinion and per the Fair Political Practices Commission (FPPC), no conflict exists regarding any Council Member participating in this vote, as the campaign contributions in question were made in 2024 and fall outside the date range restrictions in the Act. He stated that all Council Members were participating appropriately and the Council could proceed.

Public Comment

Matthew Helgeson spoke in support of Republic Services.
Micheal Hildebrandt spoke in support of Republic Services.
Amanda Subia spoke in support of Republic Services.
Taylor Brown spoke in favor of putting the contract out to competitive bid.
Elyjah Wilbur spoke in support of Republic Services.
Alyssa McClendon spoke in support of Republic Services.
Lucas Zeiher spoke in support of Republic Services.
Matt Bryant spoke in support of Republic Services, as one of its employees.
Spencer Dowling spoke in support of Republic Services, as one of its employees.
Tanya Kravchuk spoke in favor of putting the contract out to competitive bid.

Colin Wallace, General Manager of Republic Services, thanked City staff for the negotiations, spoke about the contract proposals, and thanked the Citrus Heights community for its support.

Acting City Clerk Jones read the following written public comment submitted by Larry Solesbee, "The past 6 years have seen continual price increases, very big jump in 2023, but my social security has not increased at this rate, and
Trash price changes
Date chg price % up CPI SocSecCola
01/30/20 $39.90 3.48 1.20% 1.60%
01/30/21 $41.10 3.01 7.00% 1.30%
01/30/22 $42.54 3.50 6.5% 5.90%
03/30/23 $55.48 30.42 3.40% 8.70% BIG JUMP
07/30/24 $57.44 3.53 2.90% 3.20%
01/30/25 $59.46 3.52 2.70% 2.50%
01/30/26 $61.54 3.50 2.40% 2.50%
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50.95 26.10 26.00

And now they want MORE???"

Acting City Clerk Jones read the following written public comment submitted by Robert Wichert, "I fully support competitive bidding for Residential Solid Waste and Recycling Collection Services. It is our responsibility to obtain the lowest possible costs for services to our customers. The only way to do that is by competitive bidding."

Acting City Clerk Jones read the following written public comment submitted by Cynthia Roberts, "I am concerned that the City of Citrus Heights is going to be voting on a No Bid $110 Million contract to Republic Services for residential waste later this month and I was shocked to hear that after 27 years, this contract has never been put out to competitive bid.

At the council meetings we heard a parade of repetitive speakers about how Republic Services has been a good community partner - a friend to many groups and elected officials. But taxpayer dollars should NOT be about giving contracts on the basis of friendship - it should be about getting the best service for residents. Opening the bid can lead to price negotiations, technology add on's, education enhancements, and potentially improved service. Also, I am unclear about how the cost of street sweeping will be incurred, will it come separately, from the CH General fund or be deducted from the Franchise fee?

CH residents deserve transparency and deserves to know that we're getting the best services for our tax dollars.

There is still time for the City Council to do the right thing and put the contract out for a competitive bid and a transparent process - not a backroom deal for friends."

<u>City Council Direction</u>
Staff sought Council direction on the following elements:

- Inclusion of residential street sweeping in customer rates – Council Members Lopez-Taff, Nelson, Middleton and Schaefer said yes; Council Member Karpinski-Costa said no
- Refinement of Neighborhood Cleanup (NCU) Program
    - Reduce to 2 collections per year – the Council agreed (unanimous)

    - Pile size reduction – the Council preferred No reduction, keep at 10 cubic yards (unanimous)
- Addition of annual local Household Hazardous Waste (HHW) drop off event (cost neutral) – the Council agreed (unanimous)
- Shift from bi-monthly to tri-monthly customer billing – the Council agreed (unanimous)

MOTION 1:
Council Member Schaefer motioned to Direct staff to issue a Request for Proposal (RFP) for the Residential Solid Waste and Recycling Collection Services contract, seconded by Mayor Lopez-Taff.

The vote was taken by roll call.

| | |
|---|---|
| AYES: | Schaefer, Lopez-Taff |
| NOES: | Karpinski-Costa, Nelson, Middleton |
| ABSENT: | None |

The motion failed.

MOTION 2 / ACTION: On a motion by Vice Mayor Middleton, seconded by Council Member Karpinski-Costa, the City Council adopted Resolution No. 2026-010, A Resolution of the City Council of the City of Citrus Heights, California, Authorizing the City Manager to Execute an Amended and Restated Residential Solid Waste and Recycling Collection Services Agreement with Allied Waste Services of North America, LLC, Subject to Results of a Public Hearing Regarding Proposed Rate Increases.

The vote was taken by roll call.

| | |
|---|---|
| AYES: | Karpinski-Costa, Nelson, Middleton |
| NOES: | Schaefer, Lopez-Taff |
| ABSENT: | None |

9. **SUBJECT:** Discussion Item of Strategic Goal Related to Massage Establishments
**STAFF REPORT:** A. Turcotte / K. Frey / W. Dunning / D. Miller / C. Kempenaar / A. Bermudez
**RECOMMENDATION**: Staff recommends that the City Council review the information presented in this report and accompanying presentation and provide staff with feedback and direction on possible code amendments.

Lt. Dunning and Senior Planner Bermudez provided a presentation. This item is a strategic goal from the planning meeting in March of 2025 to preserve and enhance public safety by maintaining consistency with regional and adjacent jurisdictions. The current Ordinance was reviewed and staff identified the need for clearer standards, enhanced licensing, operational requirements, and better enforcement tools. An ordinance comparison between neighboring jurisdictions was distributed at the dais, and the proposed amendments to the Citrus Heights Ordinance (19 elements) were in alignment. Outreach was conducted with the community, property owners and business owners in multiple languages.

City Council questions and comments followed.

Public Comment

Lauren McLachlan, a Certified Massage Therapist, spoke about updates to the California Massage Act that now recognize California Massage Therapy Council (CAMTC)-certified Massage Therapists as healthcare providers. She also provided insight into the industry.

By consensus the City Council directed staff to bring back a draft ordinance based on City Council comments.

## DEPARTMENT REPORTS

None

## CITY MANAGER ITEMS

City Manager Feeney announced that Sunrise Blvd will be closed on Monday, March 2, due to a SMUD project.

## ITEMS REQUESTED BY COUNCIL MEMBERS / FUTURE AGENDA ITEMS

None

Council Member Karpinski-Costa noted that County Supervisor Rodriguez is holding a community meeting on March 3 in City Council Chambers.

## ADJOURNMENT

Mayor Lopez-Taff adjourned the regular meeting at 8:36 p.m.

Respectfully submitted,

_____

Amy Van, City Clerk

# CITY OF CITRUS HEIGHTS

## CITY COUNCIL STAFF REPORT MEMORANDUM

**DATE:** May 13, 2026

**TO:** Mayor and City Council Members
Ashley J. Feeney, City Manager

**FROM:** Susan K. Talwar, Administrative Services Director
Dena Jenkins, Finance Manager

**SUBJECT:** **Quarterly Treasurer's Report**

---

**Recommendation**

Staff recommend the City Council receive and file the Quarterly Treasurer's Report for the quarter ending March 31, 2026. This report is a standard quarterly report submitted in accordance with the provisions of California Government Code Section 53646(b) whereas it states the treasurer or chief fiscal officer may render a quarterly report to the chief executive officer, the internal auditor, and the legislative body of the local agency.

**Strategic Plan Alignment**

This item is in alignment with the following City Council priority:

**Goal:** Maintain and Enhance Fiscal Stability while supporting operational excellence.

**Fiscal Impact**

There is no fiscal impact associated with this action. The attached report is for informational purposes on the effects of current market conditions on the City's investment portfolio.

**Background and Analysis**

The market value of cash and investments for all City funds on March 31, 2026, was $60,124,808, up from $47,747,440 on December 31, 2025. The increase is due to the receipt of property taxes which included both the delayed December distribution and the February distribution.

Significant deposits for the FY 2025/26 third quarter (Jan through Mar 2026) included:

| | |
|---|---|
| Property Tax | $12,780,884 |
| CalTrans Grant Reimbursements – Auburn Blvd, Old Auburn, ect. | $7,124,889 |
| Sales Tax | $3,600,799 |

The breakdown of the City's investment portfolio and current rate of return is as follows:

| | As of 3/31/2026 | | | | |
|---|---|---|---|---|---|
| **Description** | **Par Value** | **Cost Value** | **Fair Value** | **Avg. Rate of Return** | **% of Total Portfolio** |
| US Bank – General Account | $2,926,026 | $2,926,026 | $2,926,026 | 0.00% | 4.87% |
| Local Agency Investment Funds (LAIF) | $35,687,576 | $35,687,576 | $35,686,892 | 3.83% | 59.35% |
| California Asset Management Program (CAMP) | $10,205,706 | $10,205,706 | $10,205,706 | 3.83% | 16.97% |
| Investment Account | $11,315,090 | $11,232,220 | 11,306,184 | 4.26% | 18.80% |
| **Total Portfolio** | **$60,134,398** | **$60,051,528** | **$60,124,808** | **3.72%** | |

A portion of the City's investments are under management by Chandler Asset Management (Investment Manager) as of March 2023. For more information regarding the City's investments under management, see schedules included as Attachment 1.

The report includes all securities managed by the City and its Investment Manager (excluding bond proceeds) and provides information on the values (par, fair, and cost), term, and yield of each security. Of note, because the safe-keeping custodian and the Investment Manager may use different pricing sources to determine the market value of the securities, there can be minor differences in fair values shown on the custodian's monthly statement as compared to the Investment Manager's monthly statement.

Fair Value of individual securities has been provided by Chandler Asset Management. The City uses US Bank as its third-party custodian for safekeeping of all investments except for the Local Agency Investment Fund (LAIF) and the California Asset Management Program (CAMP). LAIF is a money market fund administered by the State Treasurer that has many governmental agency participants and holds securities through its own administrator.

In July 2024, the City joined the California Asset Management Program (CAMP). CAMP is a California Joint Powers Authority (JPA), a government agency that was established in 1989 to provide public agencies in California with professional investment services and options. CAMP is governed by a Board of Trustees comprised of experienced local government finance directors and treasurers. The City has invested funds in the CAMP Pool, a stable net asset value investment rated AAAm by S&P Global. The CAMP Pool offers same-day liquidity similar to LAIF. Investments in the CAMP Pool are permitted under California Government Code Section 53601(p) and the City's Investment Policy.

The value of fixed-income securities may fluctuate with changes in interest rates. As interest rates go up, the fair value of the securities may go down, and the reverse is true; when interest rates go down, the market value of the securities may go up. The difference between the book

and fair market value is considered an unrealized gain or loss. The unrealized gain for this reporting period is $73,281. It is important to note that a loss or gain is realized when an investment is redeemed or sold before its maturity date. The City's investments are typically retained until the maturity date, at which point the City's full investment is returned. Nonetheless, the City may elect to sell an investment before its maturity and record a capital gain or loss to manage the portfolio's quality, liquidity or yield in response to market conditions or the City's risk preferences.

*Compliance*
All investment transactions were executed in accordance with the California Government Code and the City's Investment Policy. In accordance with California Government Code section 53646(b)(3), staff believes that the investments and budgeted revenues for the City will provide sufficient cash flow to meet the anticipated cash flow requirements of each entity for the next six months.

Pooled cash and investment book balances are adjusted annually to reflect fair value as required by Generally Accepted Accounting Principles (GAAP). The term fair value was formerly known as market value and became effective with the mandatory implementation of the Governmental Accounting Standards Board (GASB) Statement No. 31 in fiscal year 1998. The CAMP Pool complies with requirements outlined by GASB Statement No. 79, which allow the City to record its investment at amortized cost instead of fair value. The attached investment schedules meet all applicable GASB requirements.

*American Rescue Plan Act Summary*
Included in the City's investment portfolio are the American Rescue Plan Act (ARPA) funds. The City received an ARPA allocation of $15.7 million of which the total funds used by end of March 2026 were $15.2 million. As of December 31, 2024, all funds have been obligated and reported to the US Treasury. Remaining funds need to be expended by December 31, 2026.

At the August 14, 2024, City Council meeting, Council approved the allocation of the remaining funds towards general government services and critical projects. This is reflected on the schedule below in accordance with the US Treasury guidelines. General government services and critical projects include but are not limited to necessary improvements to infrastructure such as sidewalks, pedestrian safety features like crosswalks, streetlights, neighborhood cleanup, and other projects to revitalize public spaces; replace and update technology tools to effectively develop, execute, and evaluate government programs; and general government services such as rehire public safety to pre-pandemic levels.

| American Rescue Plan Act | | | | |
|---|---|---|---|---|
| **Total Award** | **$** | **15,676,972** | | |
| | | | | |
| **Completed Projects** | | | **Actual** | |
| Small Business COVID Recovery Grant | | | $ 281,111 | |
| Block Party Trailer - Economic Development+ | | | $ 27,794 | |
| Patriotic Event+ | | | $ 68,438 | |
| Proposed Grant Strategy+ | | | $ 60,000 | |
| Police Fleet Vehicles & Equipment | | | $ 1,800,000 | |
| Community Projects Grant Program**+ | | | $ 72,400 | |
| Cares Commuinity Pride and Cleanliness Campaign+ | | | $ 38,607 | |
| Sound Wall Beautification+ | | | $ 105,986 | |
| Business Attraction Incentive Program**+ | | | $ 87,363 | |
| Public Safety Positions to PrePandemic Levels | | | $ 7,749,590 | |
| I.T. Critical, Major Projects; Execute Contract Tyler Technologies+ | | | $ 1,229,601 | |
| | | | | |
| **In Process Projects** | | **Commited** | **Actual thru 03/31/26** | **Remaining balance** |
| Beautification Crew Pilot Program + | $ | 875,000 | $ 571,045 | $ 303,955 |
| Public Safety Communications Center Critical Needs | $ | 600,000 | $ 473,283 | $ 126,717 |
| General Government Services & Critical Projects | $ | 2,681,082 | $ 2,681,082 | $ - |
| | | | | |
| Committed funds | $ | 15,676,972 | | |
| Spent | $ | 15,246,300 | | |
| Remaining Committed | $ | 430,672 | | |
| Current Balance | $ | - | Funds to allocate/reallocate | |
| + City Council Strategic Objective | | | | |
| ** dependent on program subscription | | | | |

## Attachments

1. Chandler Asset Management Portfolio Summary, Statement of Compliance, and Holdings Report

CHANDLER ASSET MANAGEMENT

# INVESTMENT REPORT

City of Citrus Heights | As of March 31, 2026

**CHANDLER ASSET MANAGEMENT** | chandlerasset.com

**Chandler Team:**

For questions about your account, please call (800) 317-4747,
or contact clientservice@chandlerasset.com

Information contained herein is confidential. We urge you to compare this statement to the one you receive from your qualified custodian. Please see Important Disclosures at the end of this statement.

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**ECONOMIC UPDATE**

**ACCOUNT PROFILE**

**PORTFOLIO HOLDINGS**

**TRANSACTIONS**

CHANDLER ASSET MANAGEMENT

# ECONOMIC UPDATE

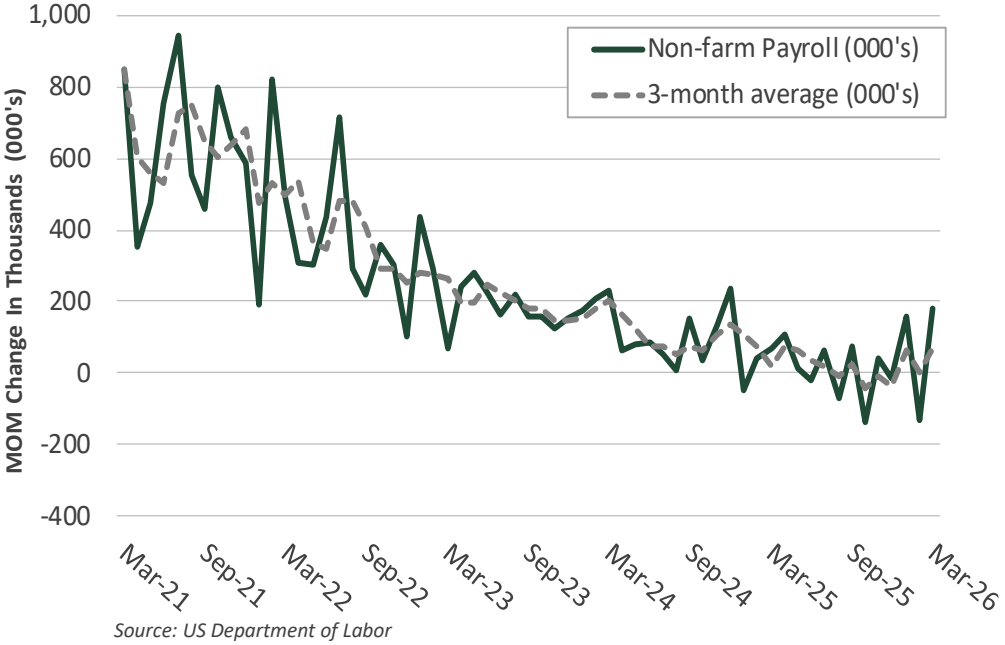
## ECONOMIC UPDATE

- March payrolls rebounded by 178,000 after February's revised 133,000 decline, but the war in Iran and its disruption of the Strait of Hormuz have pushed crude oil above $112, injecting a potential inflationary shock into an economy contending with sticky core prices above 3%. The Federal Reserve has held the funds rate at 3.50–3.75% and is signaling a cautionary stance, keeping open the option of delaying cuts if oil-related inflation proves persistent rather than transitory. As the data flow normalizes, the Chandler team anticipates additional yield curve steepening as the Federal Reserve gradually guides the policy rate toward a more neutral range. The Federal Reserve's March dot plot still projects one cut this year, yet the Iran-driven energy shock has narrowed the path toward easing.

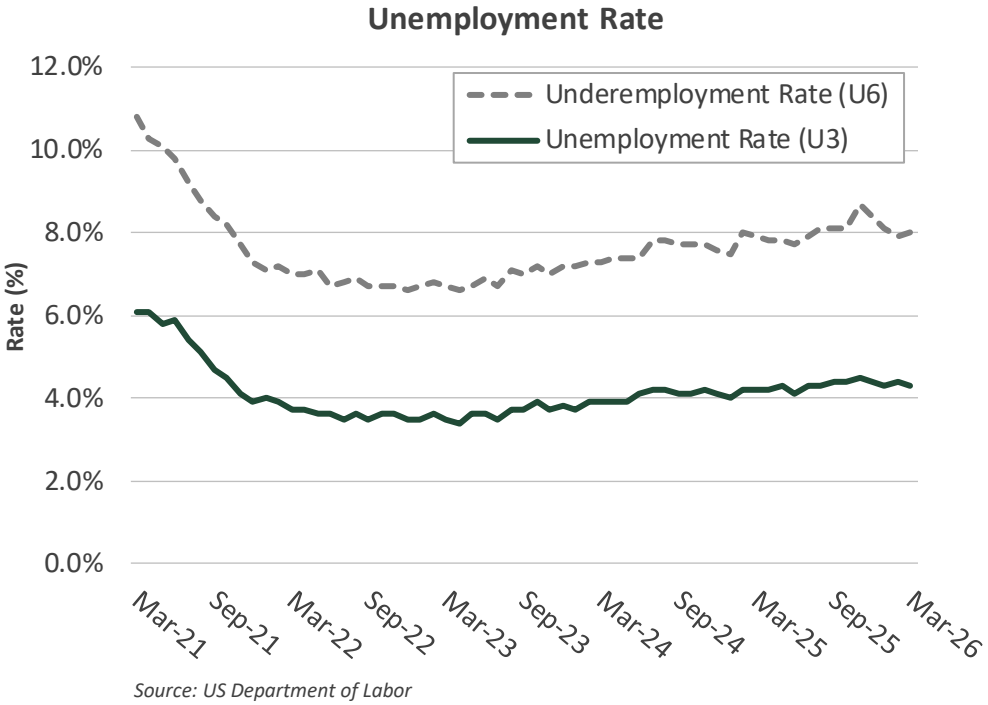
- The Federal Reserve's March 2026 FOMC meeting ended with policymakers again holding the target range at 3.50%–3.75%, as the Committee maintained its pause following three late-2025 rate cuts. Governor Stephen Miran dissented in favor of an additional quarter-point reduction, while Christopher Waller joined the majority, tipping the vote 11–1 to leave the benchmark rate unchanged. Meanwhile, President Trump's nomination of Kevin Warsh to succeed Jerome Powell as chair has hit a roadblock after a Republican senator vowed to block Warsh's confirmation amid the Justice Department's ongoing probe of the central bank.

- Treasury yields exhibited considerable first-quarter volatility as the Iran conflict injected energy-driven inflation fears into a market grappling with sticky core prices. At March month-end, the 2-year yield stood at 3.79%, up 32 basis points year-to-date, the 10-year at 4.32%, and the 30-year at 4.86%. The 2-year to 10-year spread narrowed to 52 basis points, reflecting pronounced flattening as short rates rose faster than longer maturities. One year ago, that spread stood near 32 basis points, providing context on normalization since the 2022 through 2024 yield curve inversion. The 3-month to 10-year spread was approximately 64 basis points at March month-end.

## EMPLOYMENT



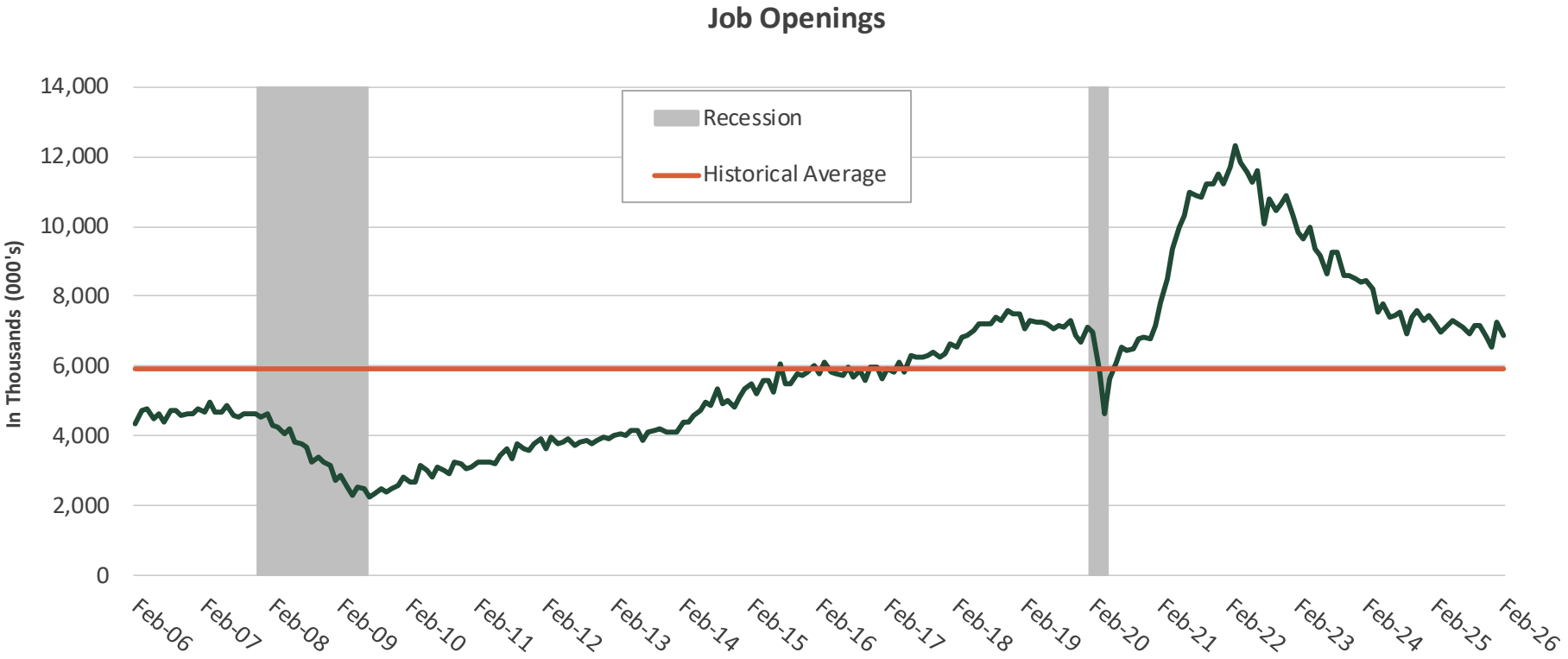

*Source: US Department of Labor*




*Source: US Department of Labor*

March nonfarm payrolls rose by 178,000, a decisive reversal from February's revised 133,000 decline that had been distorted by a Kaiser Permanente strike affecting over 30,000 healthcare workers and severe winter weather. Healthcare contributed 76,000 positions as striking nurses returned, while construction and leisure rebounded from weather-induced troughs. The unemployment rate edged lower to 4.3%, though partly from a labor force reduction rather than a hiring acceleration. Meanwhile, the underemployment rate edged up to 8.0% from 7.9% in February. Average hourly earnings rose 0.2% over the month and 3.5% year over year—the slowest annual pace since May 2021.

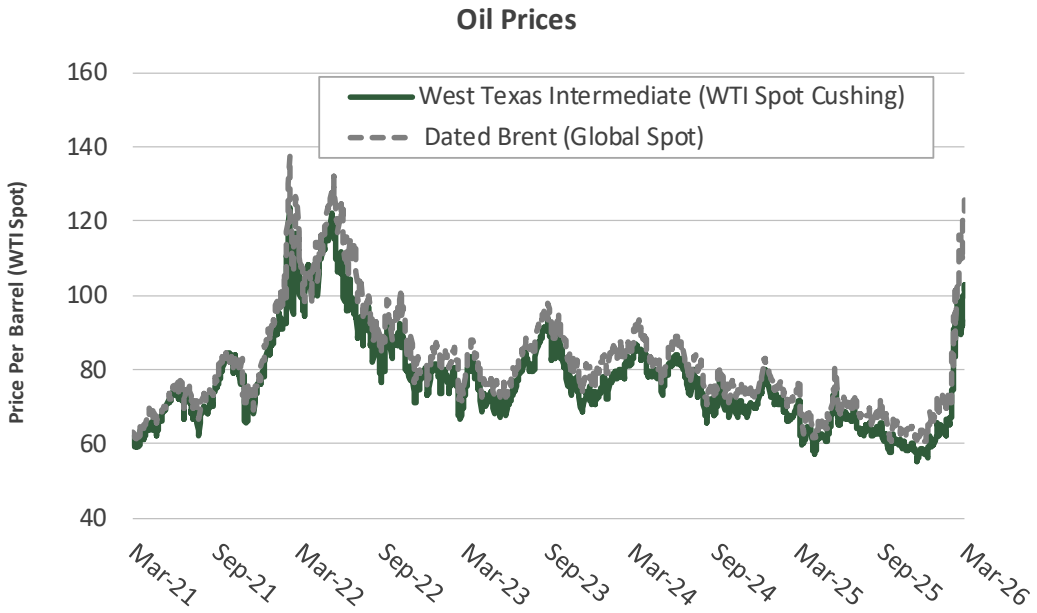
## JOB OPENINGS & LABOR TURNOVER SURVEY



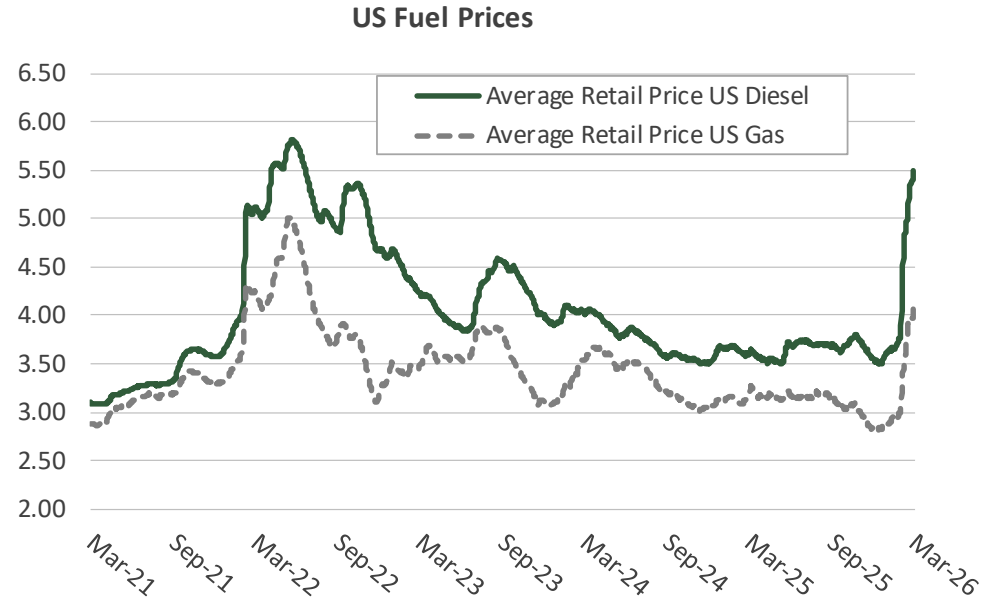

*Source: US Department of Labor*

Job openings fell to 6.9 million in February from a revised 7.2 million in January, according to the Bureau of Labor Statistics' Job Openings and Labor Turnover Survey. The ratio of openings to unemployed workers slipped to 0.9, reinforcing the gradual rebalancing of demand and supply. Hires decreased to 4.8 million, the lowest since April 2020, suggesting employers have grown selective about adding headcount. Quits were little changed at 3 million. The data reflects a labor market consistent with the Federal Reserve's characterization of a no-hire, no-fire environment.

## ENERGY MARKETS



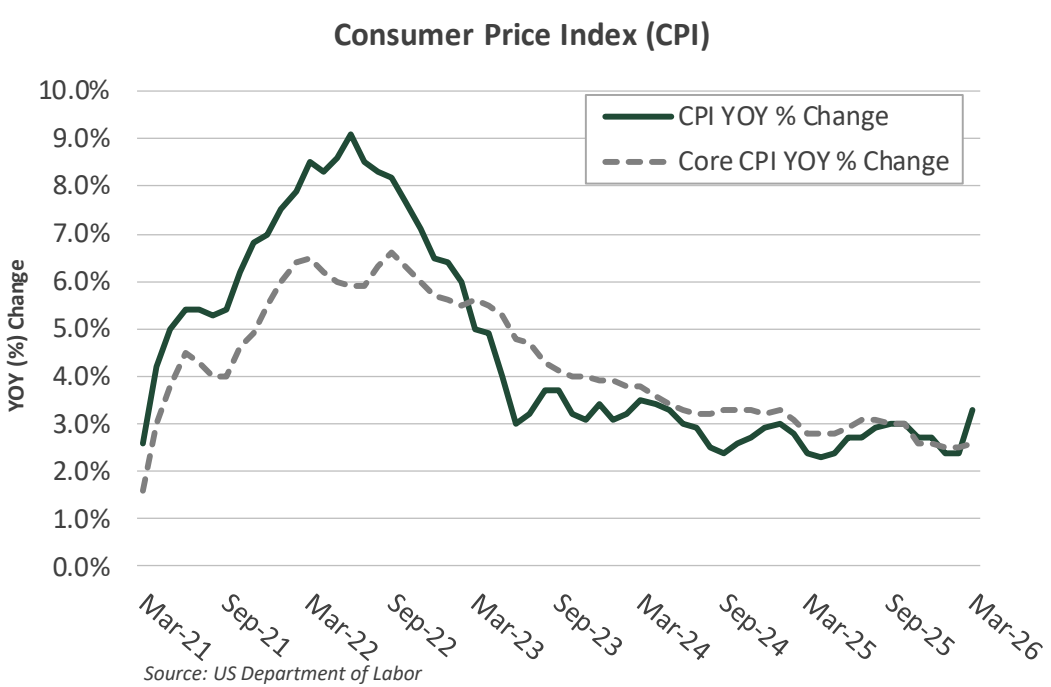

*Source: Bloomberg Indices*



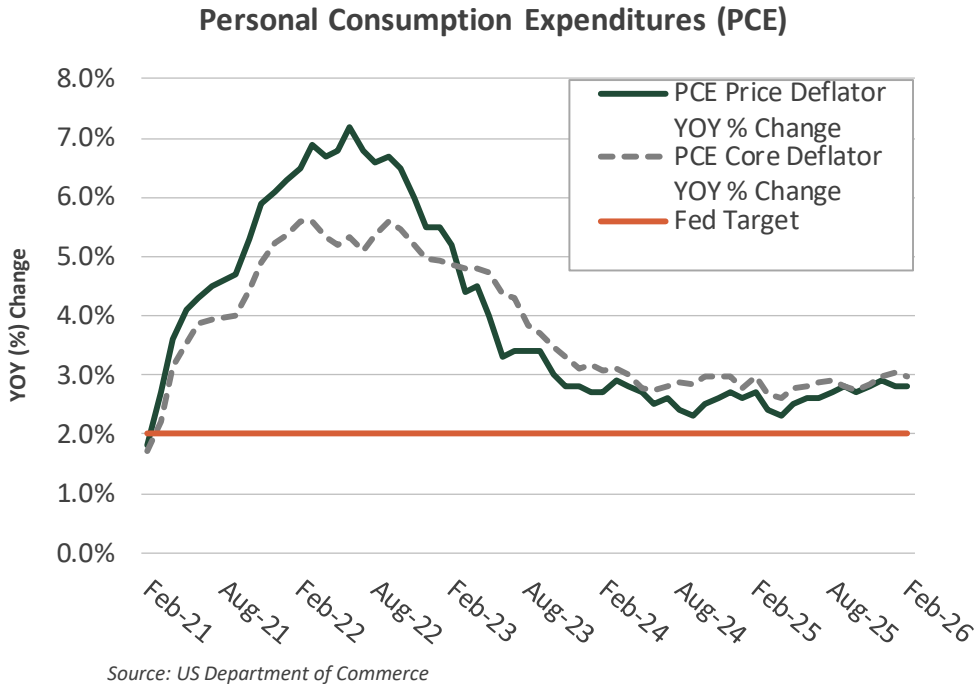

*Source: Bloomberg Indices*

Retail gasoline prices climbed steeply in March following the escalation of the U.S.-Iran conflict and the closure of the Strait of Hormuz. According to AAA, the national average reached $4.06 per gallon by month-end, an increase exceeding a dollar from $2.98 on February 26. Diesel prices reached $5.49 as tight global distillate supplies compounded the disruption. Cushing WTI crude settled at $101.38 per barrel on March 31, while Dated Brent closed at $126.97, producing a spread of roughly $25.60, the widest in more than five years. The gap reflects the disproportionate impact of shipping disruptions on internationally benchmarked crude relative to domestic supply bolstered by Strategic Petroleum Reserve releases.

## INFLATION



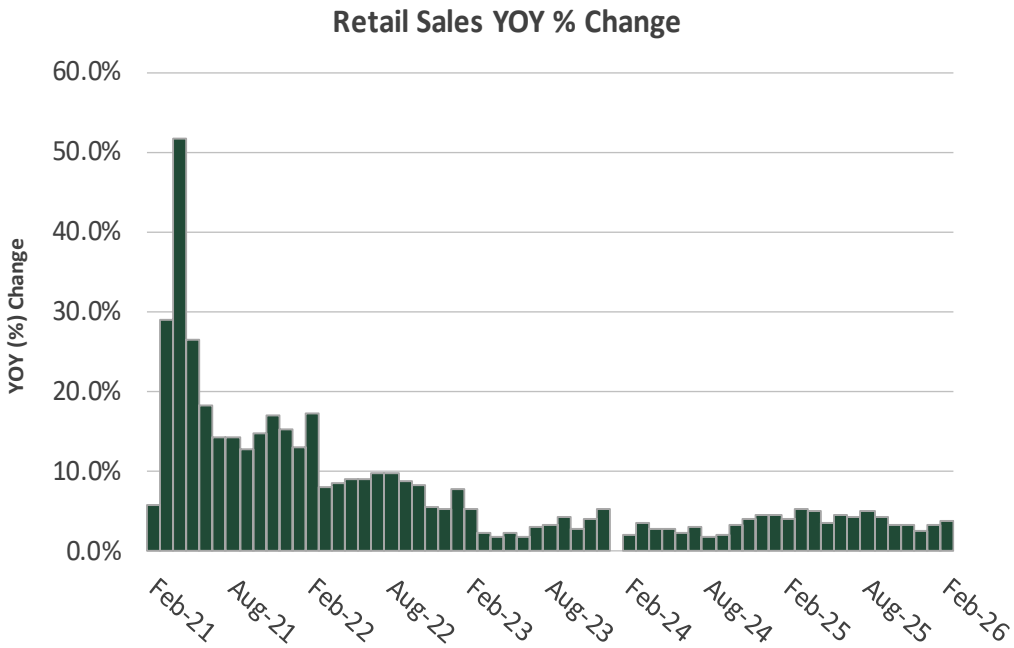

*Source: US Department of Labor*



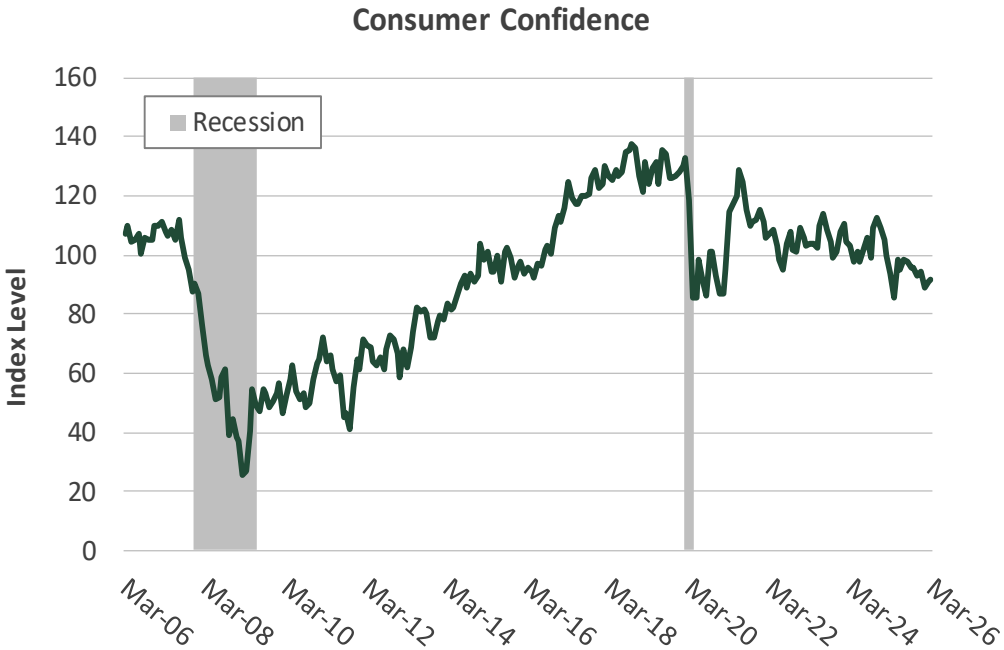

*Source: US Department of Commerce*

Consumer Price Index (CPI) for March surged 0.9%, the highest monthly rate since June 2022, and was up 3.3% on an annual basis primarily due to spikes in energy and airfare prices. Notably, Core CPI was little changed with a monthly increase of 0.2% and an annual rise of 2.6% as costs for services and other goods remained subdued. Personal Consumption Expenditures (PCE) were little changed in February, with the headline PCE Price Index up 0.4% month-over-month and 2.8% year-over-year. The Fed's preferred metric, Core PCE, which excludes food and energy, rose 0.4% during the month and 3.0% from February of 2025.

## CONSUMER



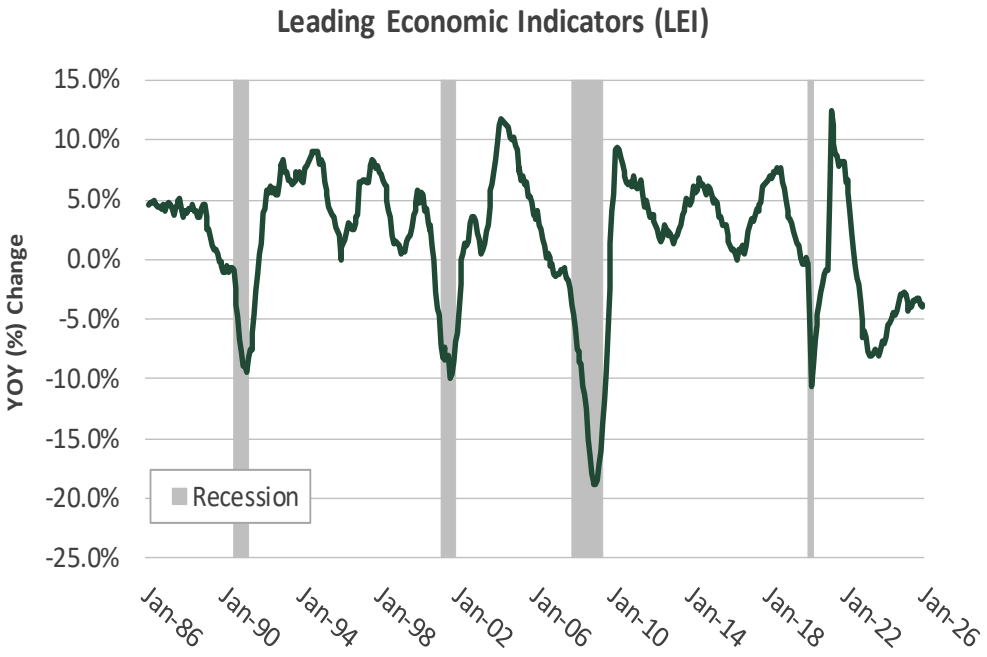

*Source: US Department of Commerce*



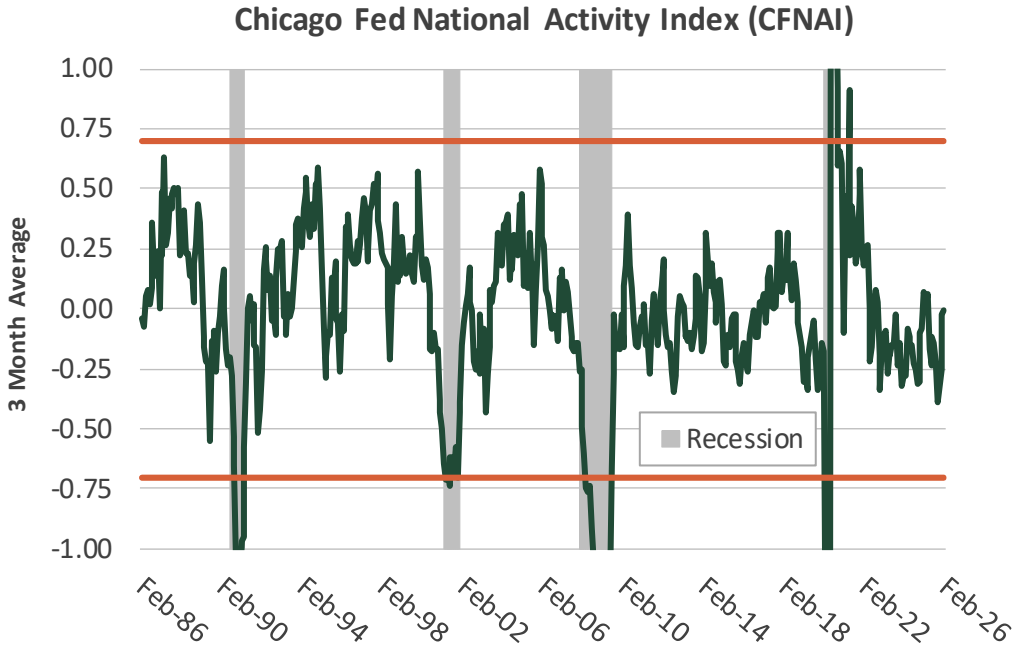

*Source: The Conference Board*
*All time high is 144.70 (1/31/00); All time low is 25.30 (2/28/09)*

The Conference Board's Consumer Confidence Index edged up to 91.8 in March from 91.0 in February, a second consecutive gain that nonetheless sits well below the all-time peak of 144.7 from early 2000. The Present Situation component rose 4.6 points to 123.3 on favorable assessments of business and labor conditions, while the Expectations Index slipped 1.7 points to 70.9. Inflation expectations climbed to their highest since August 2025, reflecting tariff passthrough and elevated gasoline prices. February retail sales rebounded 0.6% from January, with stronger auto and broad-based discretionary spending offsetting January's weather- and vehicle-related weakness; the control group also advanced 0.5%, signaling firmer underlying consumer demand.

## LEADING INDICATORS OF ECONOMIC ACTIVITY



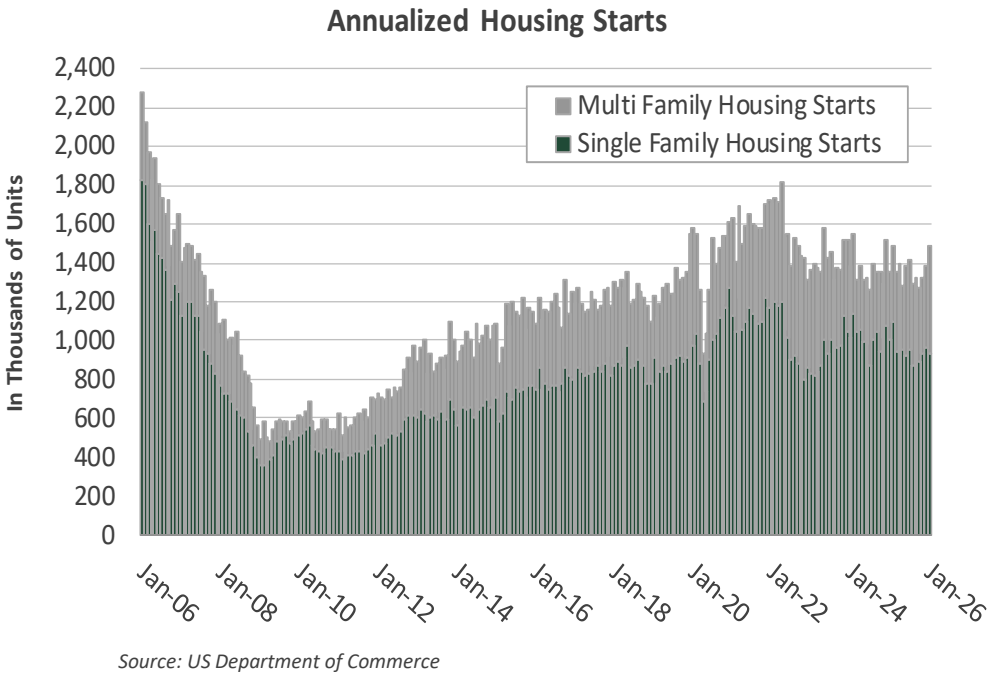

*Source: The Conference Board*



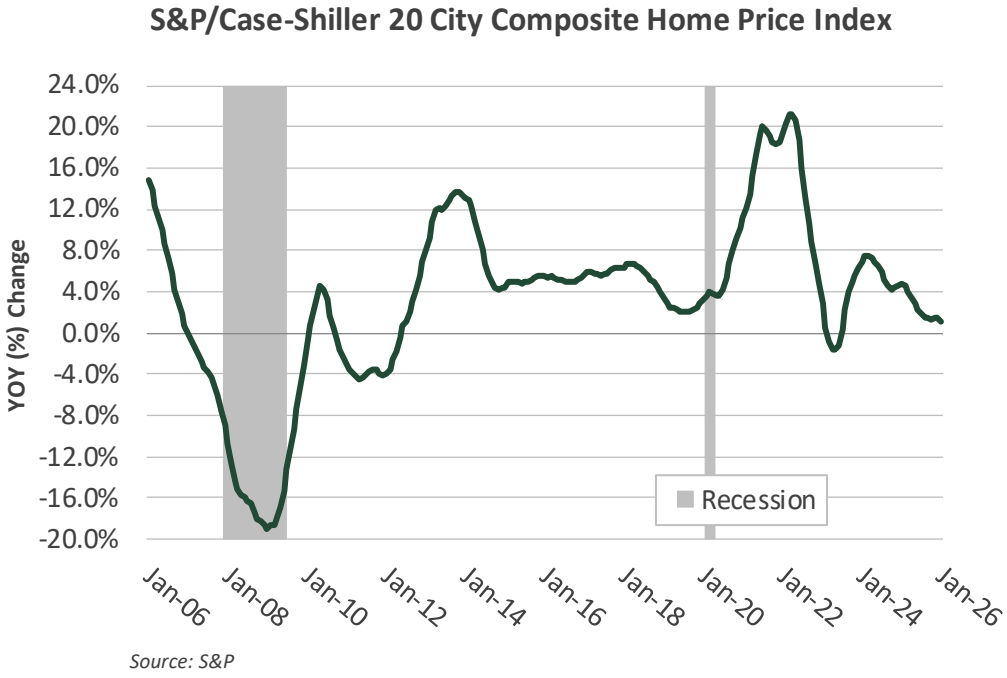

*Source: Federal Reserve Bank of Chicago*

The Chicago Fed National Activity Index (CFNAI) fell to -0.11 in February, following a positive revision to 0.20 in January. The index's three-month moving average edged up to -0.01 from -0.02 the prior month. Production and employment related indicators turned negative in February, while sales, orders, and inventories also remained in negative territory. The personal consumption and housing categories slipped modestly but stayed in positive territory. The Conference Board's Leading Economic Index (LEI) declined 0.1% in January, an improvement from -0.2% in December, with consumer expectations and building permits the largest drags on the index. On a year-over-year basis, the LEI fell 3.8%, continuing to signal slower economic growth heading into 2026. Notably, the latest LEI data do not yet reflect the impact of the war in Iran.

## HOUSING



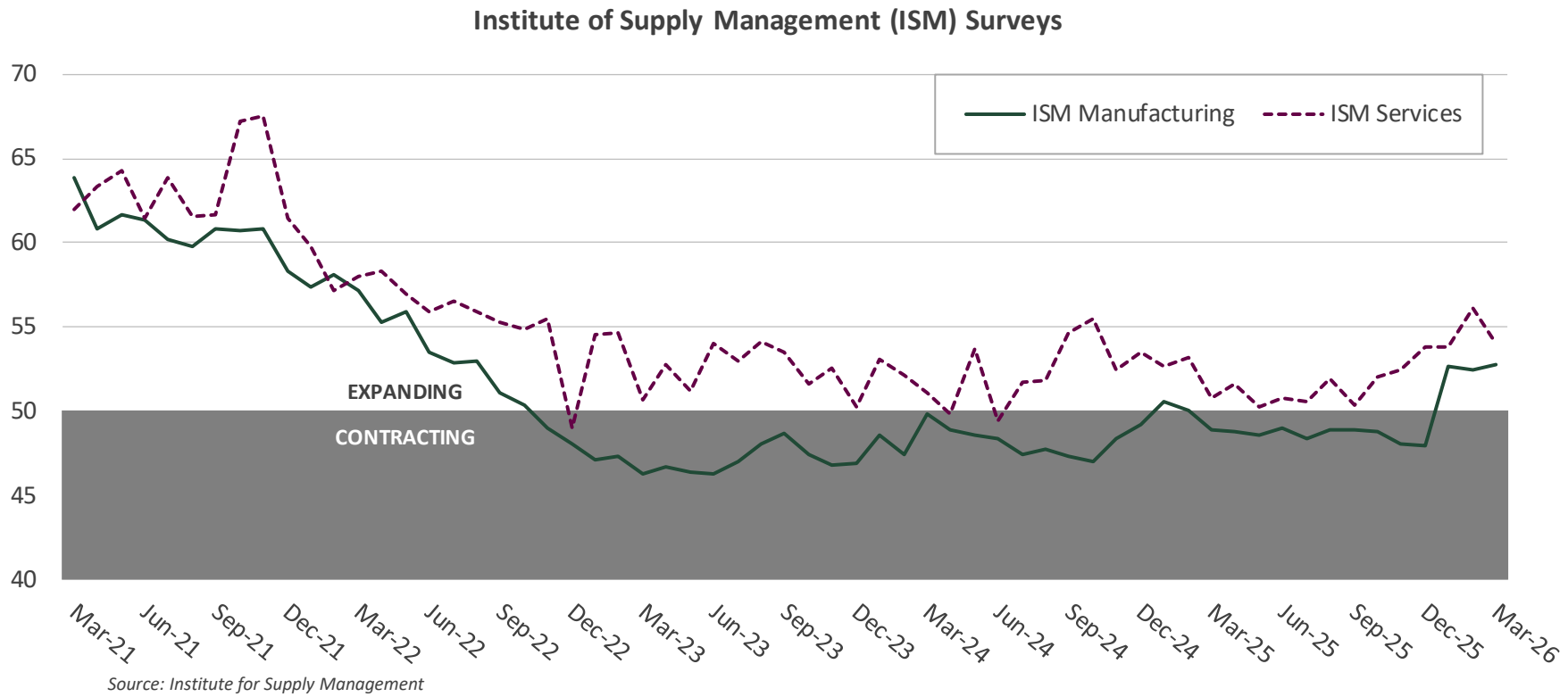

*Source: US Department of Commerce*




*Source: S&P*

Housing starts rose 7.2% in January to an annualized pace of 1.487 million units, including 935,000 single-family and 552,000 multifamily starts. The January S&P Cotality Case-Shiller 20-City Composite posted a 1.18% year-over-year gain, continuing deceleration from December's revised 1.43% annual increase. Inflation again outpaced home price appreciation, extending the erosion of real housing returns that began in the second half of 2025. The Freddie Mac 30-year fixed mortgage rate climbed to 6.46% as of April 2, its fifth consecutive weekly rise, reversing progress made when rates dipped below 6% in February. Higher borrowing costs and elevated prices continue to constrain affordability.

## SURVEY BASED MEASURES



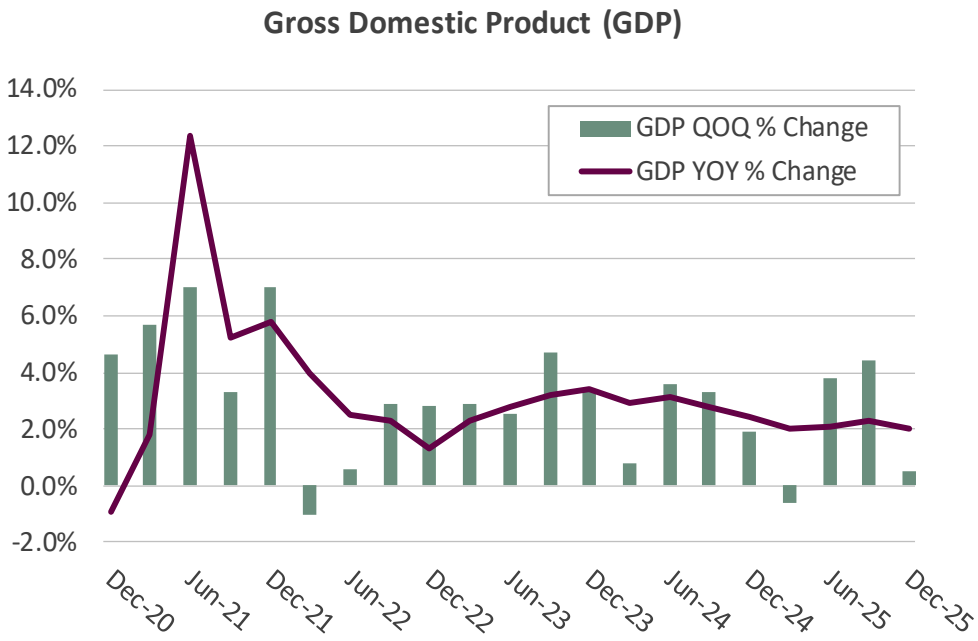

*Source: Institute for Supply Management*

The Institute for Supply Management's Manufacturing Index rose to 52.7 in March from 52.4, the fastest factory expansion since August 2022 and a third consecutive month above 50. Production accelerated to 55.1 from 53.5, though new orders decelerated to 53.5 from 55.8. The prices subindex leaped to 78.3 from 70.5, reflecting elevated energy costs, metals tariffs, and Iran-related supply disruptions. Employment remained in contraction at 48.7. The Services Index eased to 54.0 in March from 56.1 in February but still posted its 21st consecutive month of expansion. The expansion was mainly from an increase in prices, amid higher oil and fuel costs. With both measures above the 50 threshold, ISM data point toward a resilient if cost-pressured economy.

## GROSS DOMESTIC PRODUCT (GDP)

| Components of GDP | 3/25 | 6/25 | 9/25 | 12/25 |
|---|---|---|---|---|
| Personal Consumption Expenditures | 0.4% | 1.7% | 2.3% | 1.3% |
| Gross Private Domestic Investment | 3.8% | -2.7% | 0.0% | 0.4% |
| Net Exports and Imports | -4.7% | 4.8% | 1.6% | -0.2% |
| Federal Government Expenditures | -0.4% | -0.4% | 0.2% | -1.2% |
| State and Local (Consumption and Gross Investment) | 0.2% | 0.3% | 0.2% | 0.2% |
| **Total** | **-0.6%** | **3.8%** | **4.4%** | **0.5%** |

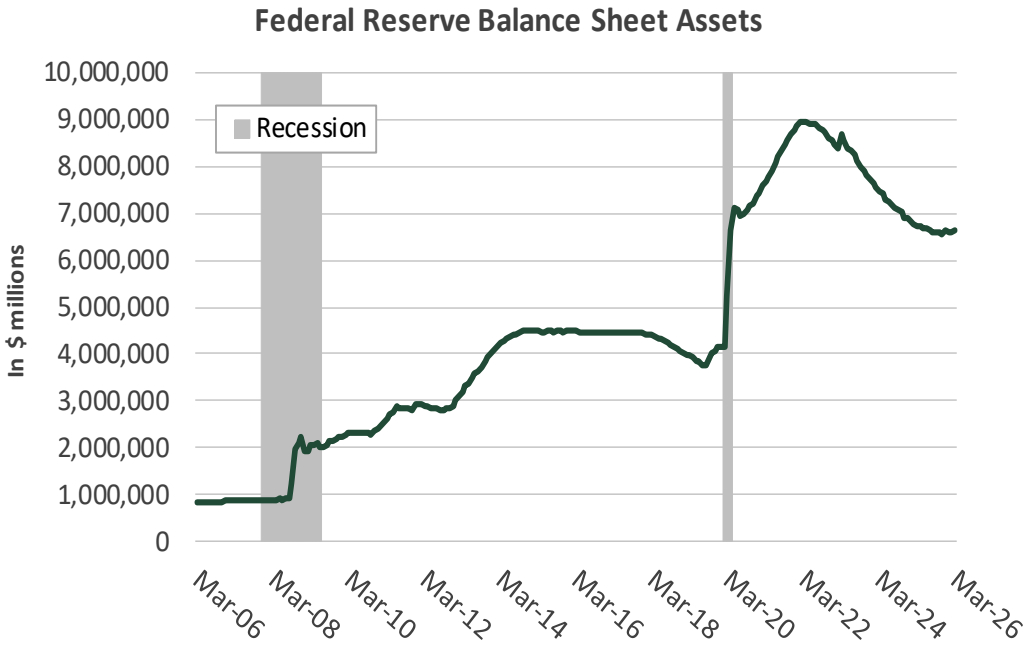
*Source: US Department of Commerce*



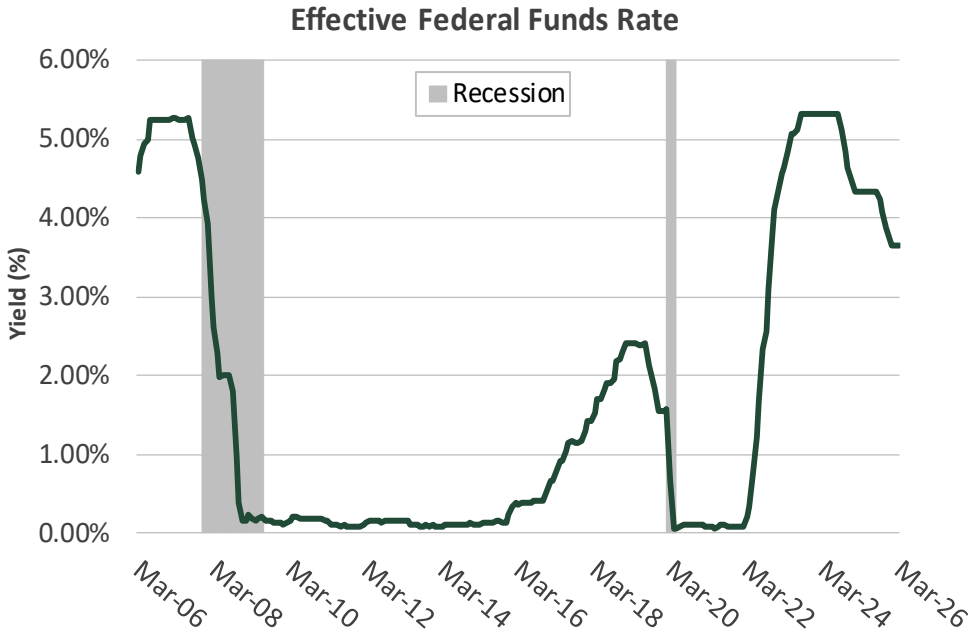

*Source: US Department of Commerce*

The third and final estimate of real gross domestic product (GDP) showed fourth-quarter growth revised down to 0.5% from the initial 1.4% estimate. The slowdown from 4.4% in the third quarter primarily reflected a sharp pullback in government spending, as the federal government shutdown weighed on activity. The Bureau of Labor Statistics expects statistical distortions will persist into the spring due to data collection disruptions. Personal Consumption Expenditures also declined across both goods and services.

## FEDERAL RESERVE



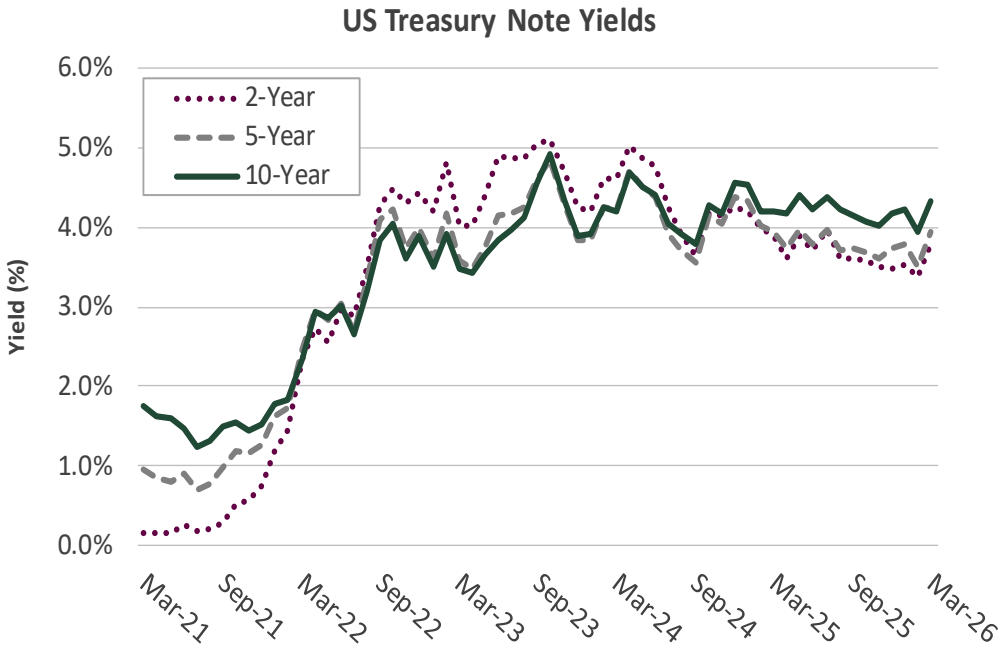

*Source: Federal Reserve*



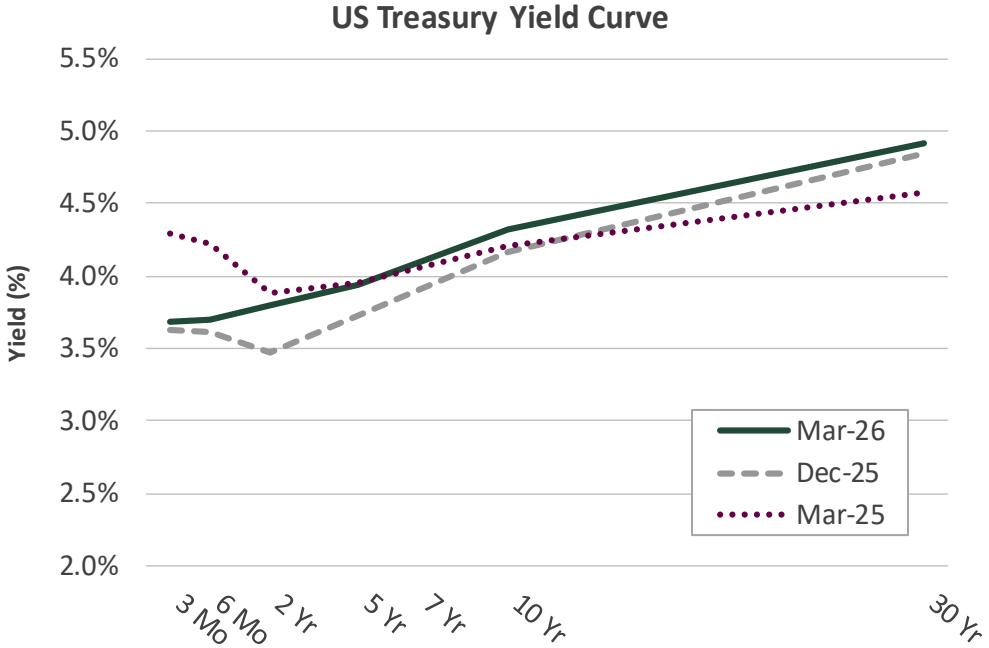

*Source: Bloomberg*

The Federal Reserve left its benchmark interest rate unchanged in March, keeping the target range at 3.50% to 3.75% following three late-2025 rate cuts that were justified by signs of softening in the labor market. The Federal Open Market Committee minutes showed some participants supported two-sided language on future rate direction given the upside risks to inflation and downside risks to employment being elevated. However, policymakers have grown wary of potential inflationary pressures stemming from tariffs, the war in Iran, and the ensuing spike in commodity prices. The Federal Reserve now projects just one rate cut in 2026, even as inflation expectations rise. The Committee also reaffirmed its December decision to halt balance sheet runoff and to reinvest principal and interest payments from its securities holdings, signaling a continued emphasis on maintaining ample reserves and supporting orderly market functioning.

## BOND YIELDS




*Source: Bloomberg*




*Source: Bloomberg*

At March month-end, the 2-year Treasury yield stood at 3.79%, down approximately 9 basis points from one year ago, while the 10-year finished at 4.32%, roughly 11 basis points higher year-over-year. The spread between the two narrowed to 52 basis points, wider by 20 basis points year-over-year. The prior 2-year to 10-year inversion from July 2022 through August 2024 was historically long. The average spread since 2005 is approximately 95 basis points, suggesting the current slope sits well below its long-run norm. The 3-month to 10-year spread stood near 64 basis points at March month-end.

CHANDLER ASSET MANAGEMENT

# ACCOUNT PROFILE

## OBJECTIVES

### Investment Objectives

The investment objectives of the City of Citrus Heights are first, to provide safety of principal to ensure the preservation of capital in the overall portfolio; second, to provide sufficient liquidity to meet all disbursement requirements; and third, to earn an acceptable rate of return after first considering safety of principal and liquidity.

### Chandler Asset Management Performance Objective

The performance objective for the portfolio is to earn a total rate of return through a market cycle that is equal to or above the return on the benchmark index.

### Strategy

In order to achieve this objective, the portfolio invests in high-quality fixed income securities that comply with the investment policy and all regulations governing the funds.

# STATEMENT OF COMPLIANCE

CHANDLER ASSET MANAGEMENT

City of Citrus Heights | Account #11026 | As of March 31, 2026

| Rules Name | Limit | Actual | Compliance Status | Notes |
|---|---|---|---|---|
| **AGENCY MORTGAGE SECURITIES** | | | | |
| Max % (MV) | 100.0 | 7.9 | Compliant | |
| Max % Issuer (MV) | 30.0 | 7.9 | Compliant | |
| Max Maturity (Years) | 5.0 | 3.2 | Compliant | |
| **ASSET-BACKED SECURITIES (ABS)** | | | | |
| Max % (MV; Non Agency ABS & MBS) | 20.0 | 11.5 | Compliant | |
| Max % Issuer (MV) | 5.0 | 1.6 | Compliant | |
| Max Maturity (Years) | 5 | 4 | Compliant | |
| Min Rating (AA- by 1) | 0.0 | 0.0 | Compliant | |
| **BANKERS' ACCEPTANCES** | | | | |
| Max % (MV) | 40.0 | 0.0 | Compliant | |
| Max % Issuer (MV) | 5.0 | 0.0 | Compliant | |
| Max Maturity (Days) | 180 | 0.0 | Compliant | |
| Min Rating (A-1 by 1 or A- by 1) | 0.0 | 0.0 | Compliant | |
| **COLLATERALIZED TIME DEPOSITS (NON-NEGOTIABLE CD/TD)** | | | | |
| Max % (MV; FDIC & Collateralized CD/TD) | 20.0 | 0.0 | Compliant | |
| Max % Issuer (MV) | 5.0 | 0.0 | Compliant | |
| Max Maturity (Years) | 5.0 | 0.0 | Compliant | |
| **COMMERCIAL PAPER** | | | | |
| Max % (MV) | 25.0 | 0.0 | Compliant | |
| Max % Issuer (MV) | 5.0 | 0.0 | Compliant | |
| Max Maturity (Days) | 270 | 0.0 | Compliant | |
| Min Rating (A-1 by 1 or A- by 1) | 0.0 | 0.0 | Compliant | |
| **CORPORATE MEDIUM TERM NOTES** | | | | |
| Max % (MV) | 30.0 | 26.3 | Compliant | |
| Max % Issuer (MV) | 5.0 | 1.2 | Compliant | |
| Max Maturity (Years) | 5 | 4 | Compliant | |
| Min Rating (A- by 1) | 0.0 | 0.0 | Compliant | |

# STATEMENT OF COMPLIANCE

CHANDLER ASSET MANAGEMENT

City of Citrus Heights | Account #11026 | As of March 31, 2026

| Rules Name | Limit | Actual | Compliance Status | Notes |
|---|---|---|---|---|
| **FDIC INSURED TIME DEPOSITS (NON-NEGOTIABLE CD/TD)** | | | | |
| Max % (MV; FDIC & Collateralized CD/TD) | 20.0 | 0.0 | Compliant | |
| Max Maturity (Years) | 5 | 0.0 | Compliant | |
| **FEDERAL AGENCIES** | | | | |
| Max % (MV) | 100.0 | 13.8 | Compliant | |
| Max % Issuer (MV) | 30.0 | 7.1 | Compliant | |
| Max Callables (MV) | 20.0 | 0.0 | Compliant | |
| Max Maturity (Years) | 5 | 3 | Compliant | |
| **LOCAL AGENCY INVESTMENT FUND (LAIF)** | | | | |
| Max Concentration (MV) | 75.0 | 0.0 | Compliant | |
| **LOCAL GOVERNMENT INVESTMENT POOL (LGIP)** | | | | |
| Max % (MV) | 100.0 | 0.0 | Compliant | |
| **MONEY MARKET MUTUAL FUNDS** | | | | |
| Max % (MV) | 20.0 | 1.1 | Compliant | |
| Max % Issuer (MV) | 20.0 | 1.1 | Compliant | |
| Min Rating (AAA by 2) | 0.0 | 0.0 | Compliant | |
| **MORTGAGE-BACKED SECURITIES (NON-AGENCY)** | | | | |
| Max % (MV) | 20.0 | 0.0 | Compliant | |
| Max % Issuer (MV) | 5.0 | 0.0 | Compliant | |
| Max Maturity (Years) | 5.0 | 0.0 | Compliant | |
| Min Rating (AA by 1) | 0.0 | 0.0 | Compliant | |
| **MUNICIPAL SECURITIES (CA, LOCAL AGENCY)** | | | | |
| Max % (MV) | 30.0 | 1.3 | Compliant | |
| Max % Issuer (MV) | 5.0 | 1.3 | Compliant | |
| Max Maturity (Years) | 5 | 3 | Compliant | |
| Min Rating (A- by 1) | 0.0 | 0.0 | Compliant | |
| **MUNICIPAL SECURITIES (CA, OTHER STATES)** | | | | |
| Max % (MV) | 30.0 | 0.0 | Compliant | |
| Max % Issuer (MV) | 5.0 | 0.0 | Compliant | |

## STATEMENT OF COMPLIANCE

CHANDLER ASSET MANAGEMENT

City of Citrus Heights | Account #11026 | As of March 31, 2026

| Rules Name | Limit | Actual | Compliance Status | Notes |
|---|---|---|---|---|
| Max Maturity (Years) | 5 | 0.0 | Compliant | |
| Min Rating (A- by 1) | 0.0 | 0.0 | Compliant | |
| **MUTUAL FUNDS** | | | | |
| Max % (MV) | 20.0 | 0.0 | Compliant | |
| Max % Issuer (MV) | 10.0 | 0.0 | Compliant | |
| Min Rating (AAA by 2) | 0.0 | 0.0 | Compliant | |
| **NEGOTIABLE CERTIFICATES OF DEPOSIT (NCD)** | | | | |
| Max % (MV) | 30.0 | 0.0 | Compliant | |
| Max % Issuer (MV) | 5.0 | 0.0 | Compliant | |
| Max Maturity (Years) | 5 | 0.0 | Compliant | |
| Min Rating (A-1 by 1 or A- by 1 if > FDIC Limit) | 0.0 | 0.0 | Compliant | |
| **REPURCHASE AGREEMENTS** | | | | |
| Max Maturity (Years) | 1.0 | 0.0 | Compliant | |
| **SUPRANATIONAL OBLIGATIONS** | | | | |
| Max % (MV) | 30.0 | 1.5 | Compliant | |
| Max % Issuer (MV) | 10.0 | 1.5 | Compliant | |
| Max Maturity (Years) | 5 | 3 | Compliant | |
| Min Rating (AA- by 1) | 0.0 | 0.0 | Compliant | |
| **U.S. TREASURIES** | | | | |
| Max % (MV) | 100.0 | 36.7 | Compliant | |
| Max Maturity (Years) | 5 | 4 | Compliant | |

## PORTFOLIO CHARACTERISTICS

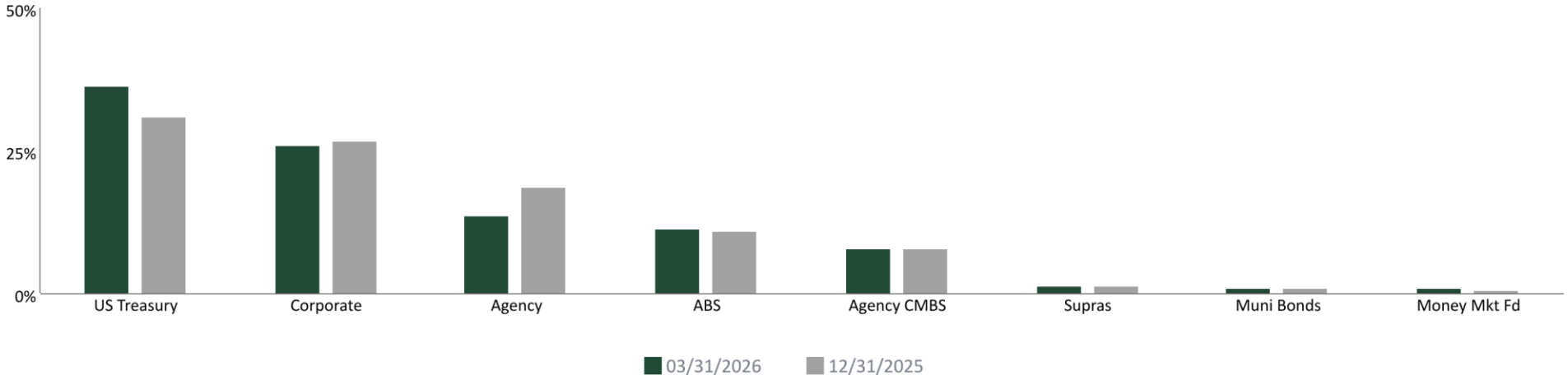
City of Citrus Heights | Account #11026 | As of March 31, 2026

| | Benchmark* | 3/31/2026 Portfolio | 12/31/2025 Portfolio |
|---|---|---|---|
| Average Maturity (yrs) | 1.85 | 2.25 | 2.13 |
| Average Modified Duration | 1.76 | 1.87 | 1.77 |
| Average Purchase Yield | | 4.26% | 4.34% |
| Average Market Yield | 3.81% | 3.98% | 3.73% |
| Average Quality** | AA+ | AA | AA |
| Total Market Value | | 11,398,978 | 11,352,593 |

*Benchmark: ICE BofA 1-3 Year US Treasury & Agency Index
**The credit quality is a weighted average calculation of the highest of S&P, Moody's and Fitch.

## SECTOR DISTRIBUTION

City of Citrus Heights | Account #11026 | As of March 31, 2026

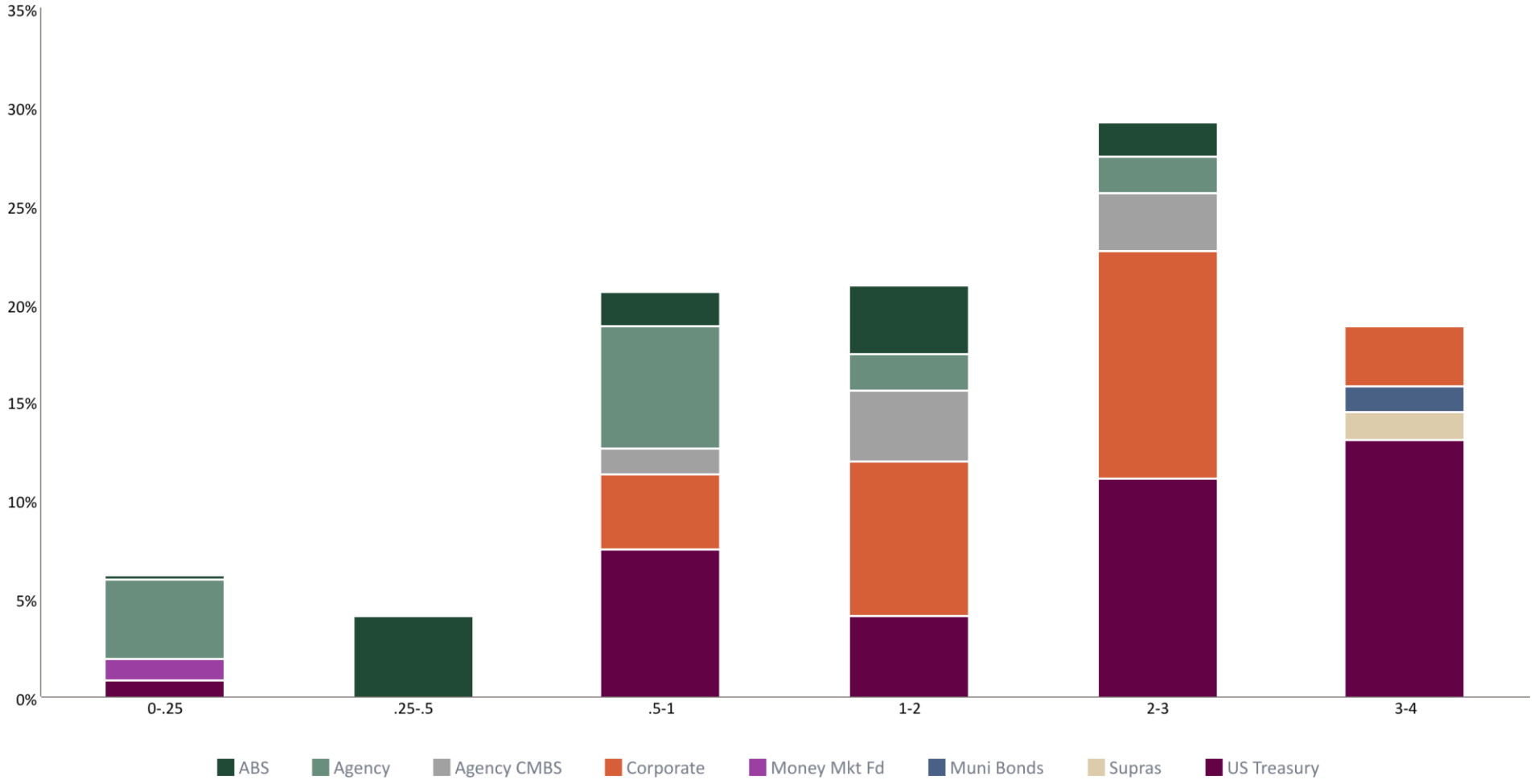



### Sector as a Percentage of Market Value

| Sector | 03/31/2026 | 12/31/2025 |
|---|---|---|
| US Treasury | 36.67% | 31.31% |
| Corporate | 26.29% | 26.90% |
| Agency | 13.81% | 19.03% |
| ABS | 11.49% | 11.06% |
| Agency CMBS | 7.93% | 8.01% |
| Supras | 1.46% | 1.48% |
| Muni Bonds | 1.26% | 1.27% |
| Money Mkt Fd | 1.08% | 0.93% |

## DURATION ALLOCATION

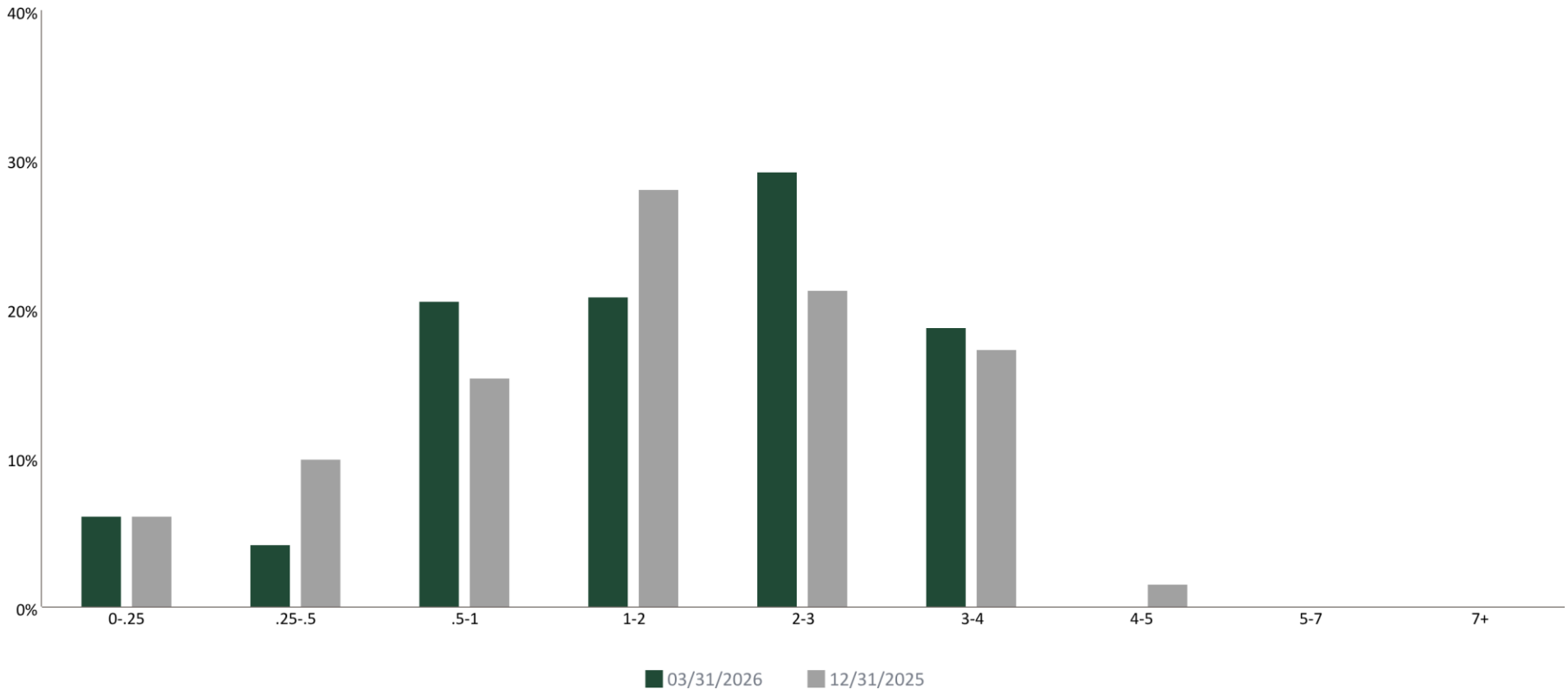
City of Citrus Heights | Account #11026 | As of March 31, 2026




| | 0-.25 | .25-.5 | .5-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-7 | 7+ |
|---|---|---|---|---|---|---|---|---|---|
| 03/31/2026 | 6.2% | 4.2% | 20.7% | 20.9% | 29.2% | 18.8% | 0.0% | 0.0% | 0.0% |

## DURATION DISTRIBUTION

City of Citrus Heights | Account #11026 | As of March 31, 2026




| Date | 0-.25 | .25-.5 | .5-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-7 | 7+ |
|---|---|---|---|---|---|---|---|---|---|
| 03/31/2026 | 6.2% | 4.2% | 20.7% | 20.9% | 29.2% | 18.8% | 0.0% | 0.0% | 0.0% |
| 12/31/2025 | 6.2% | 10.0% | 15.4% | 28.1% | 21.4% | 17.3% | 1.6% | 0.0% | 0.0% |

## ISSUERS

City of Citrus Heights | Account #11026 | As of March 31, 2026

| Issuer | Investment Type | % Portfolio |
|---|---|---|
| United States | US Treasury | 36.66% |
| Federal Home Loan Mortgage Corp | Agency CMBS | 7.93% |
| Federal Home Loan Banks | Agency | 7.12% |
| Farm Credit System | Agency | 6.69% |
| American Express Credit Master Trust | ABS | 3.07% |
| International Bank for Recon and Dev | Supras | 1.46% |
| WF Card Issuance Trust | ABS | 1.33% |
| State of California | Muni Bonds | 1.26% |
| The Home Depot, Inc. | Corporate | 1.21% |
| Realty Income Corporation | Corporate | 1.14% |
| PepsiCo, Inc. | Corporate | 1.12% |
| Blackrock, Inc. | Corporate | 1.11% |
| Bank of Montreal | Corporate | 1.11% |
| Caterpillar Inc. | Corporate | 1.10% |
| Morgan Stanley | Corporate | 1.09% |
| First American Govt Oblig Fund | Money Mkt Fd | 1.08% |
| GM Financial Auto Leasing Trust | ABS | 1.07% |
| Chubb Limited | Corporate | 1.07% |
| State Street Corporation | Corporate | 1.07% |
| PACCAR Inc | Corporate | 1.07% |
| Cisco Systems, Inc. | Corporate | 1.07% |
| BNY Mellon Corp | Corporate | 1.05% |
| Abbott Laboratories | Corporate | 1.05% |
| Chase Issuance Trust | ABS | 0.98% |
| The Goldman Sachs Group, Inc. | Corporate | 0.92% |
| National Rural Utilities Cooperative | Corporate | 0.90% |
| Prologis, Inc. | Corporate | 0.88% |
| American Honda Finance Corporation | Corporate | 0.88% |
| Duke Energy Corporation | Corporate | 0.88% |
| Deere & Company | Corporate | 0.80% |

## ISSUERS

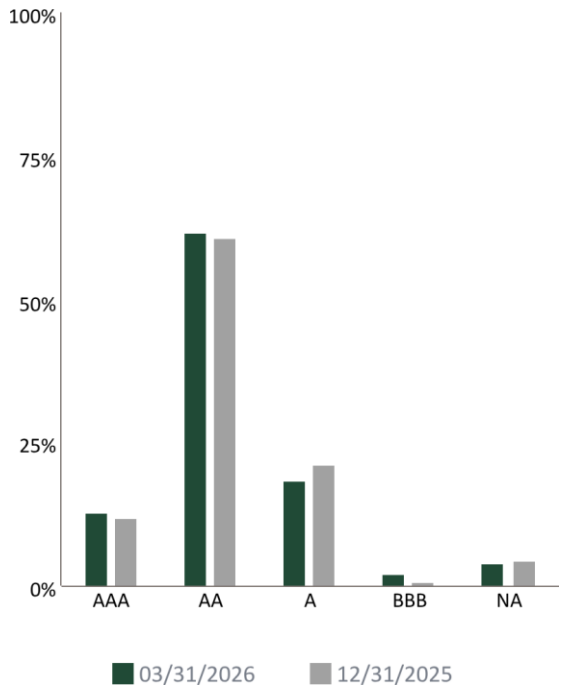
City of Citrus Heights | Account #11026 | As of March 31, 2026

| Issuer | Investment Type | % Portfolio |
|---|---|---|
| The Toronto-Dominion Bank | Corporate | 0.80% |
| American Express Company | Corporate | 0.80% |
| Visa Inc. | Corporate | 0.79% |
| BMW Vehicle Lease Trust | ABS | 0.75% |
| Honda Auto Receivables Owner Trust | ABS | 0.74% |
| Toyota Auto Receivables Owner Trust | ABS | 0.71% |
| John Deere Owner Trust | ABS | 0.69% |
| Public Service Enterprise Group | Corporate | 0.65% |
| Abbvie Inc. | Corporate | 0.62% |
| Eli Lilly and Company | Corporate | 0.62% |
| Wells Fargo & Company | Corporate | 0.61% |
| Amazon.com, Inc. | Corporate | 0.57% |
| JPMorgan Chase & Co. | Corporate | 0.54% |
| Bank of America Credit Card Trust | ABS | 0.49% |
| Ford Credit Auto Owner Trust | ABS | 0.48% |
| Mercedes-Benz Auto Lease Trust | ABS | 0.47% |
| Alphabet Inc. | Corporate | 0.40% |
| Costco Wholesale Corporation | Corporate | 0.35% |
| BMW Vehicle Owner Trust | ABS | 0.32% |
| Hyundai Auto Receivables Trust | ABS | 0.30% |
| GM Financial Securitized Term | ABS | 0.08% |
| Cash | Cash | 0.01% |
| **TOTAL** | | **100.00%** |

## QUALITY DISTRIBUTION

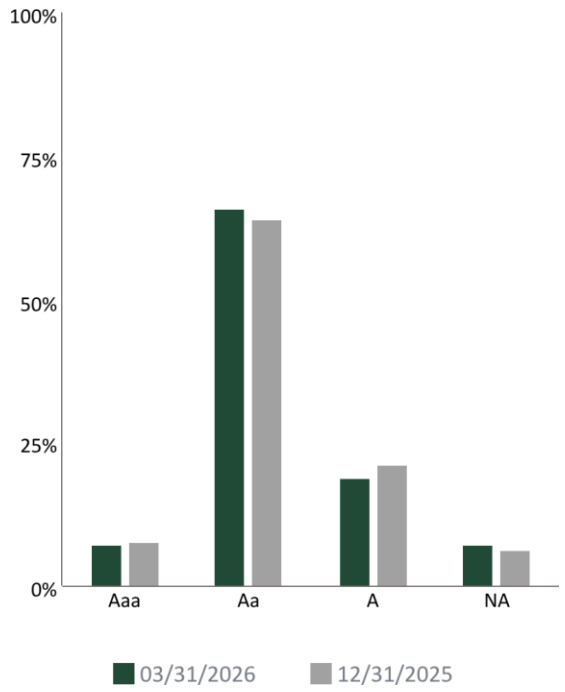
City of Citrus Heights | Account #11026 | As of March 31, 2026

### S&P Rating



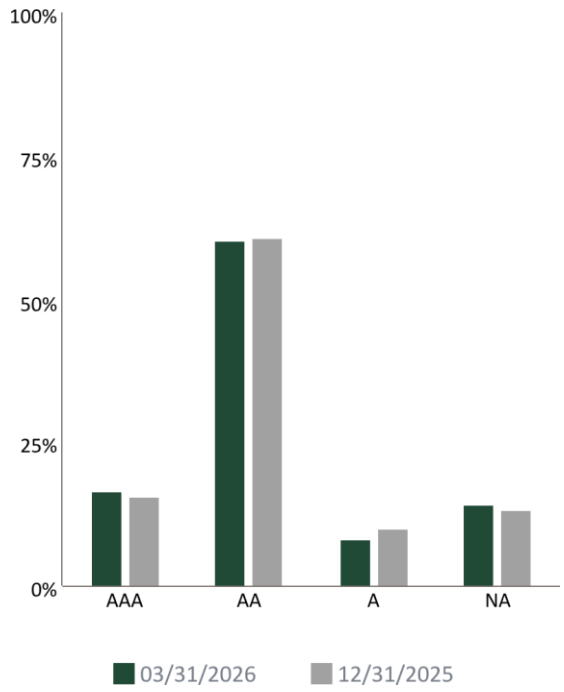

| Rating | 03/31/2026 | 12/31/2025 |
|---|---|---|
| AAA | 12.99% | 12.01% |
| AA | 61.92% | 61.00% |
| A | 18.69% | 21.60% |
| BBB | 2.42% | 0.93% |
| NA | 3.97% | 4.46% |

### Moody's Rating




| Rating | 03/31/2026 | 12/31/2025 |
|---|---|---|
| Aaa | 7.38% | 7.83% |
| Aa | 66.17% | 64.16% |
| A | 19.00% | 21.55% |
| NA | 7.46% | 6.46% |

### Fitch Rating

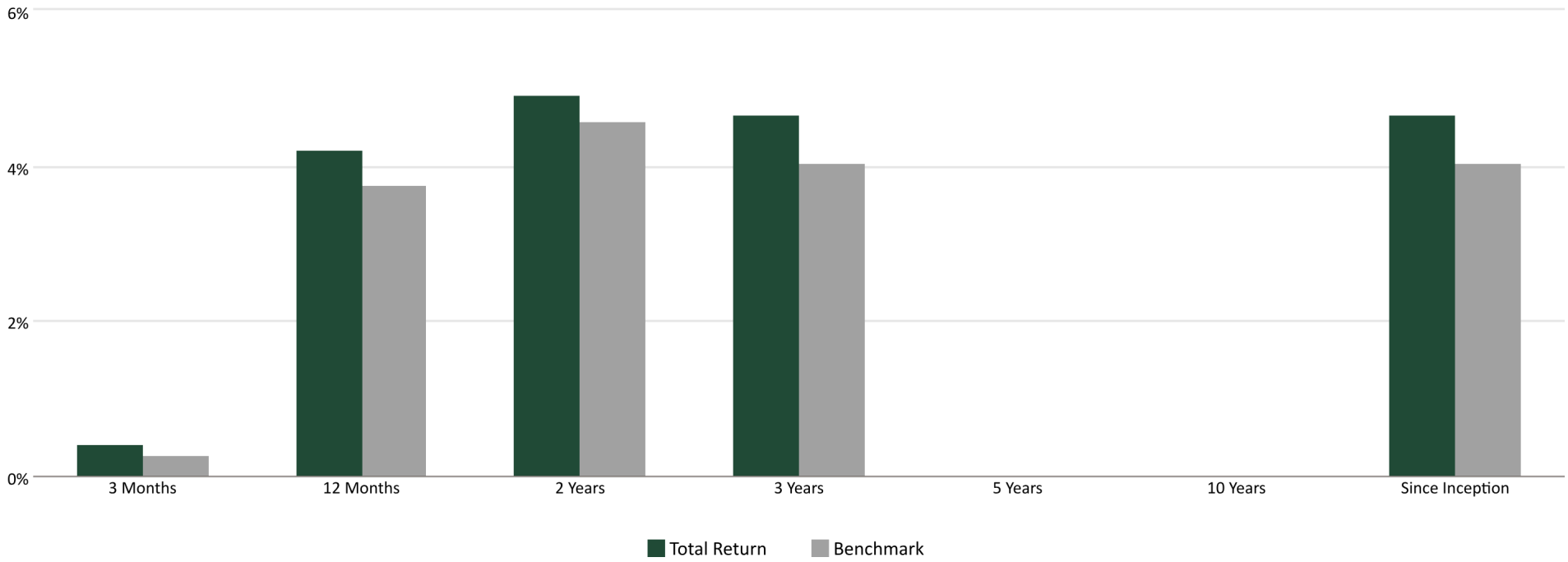



| Rating | 03/31/2026 | 12/31/2025 |
|---|---|---|
| AAA | 16.53% | 15.89% |
| AA | 60.31% | 60.78% |
| A | 8.53% | 10.03% |
| NA | 14.64% | 13.31% |

## INVESTMENT PERFORMANCE

City of Citrus Heights | Account #11026 | As of March 31, 2026

Total Rate of Return: Inception | 04/01/2023



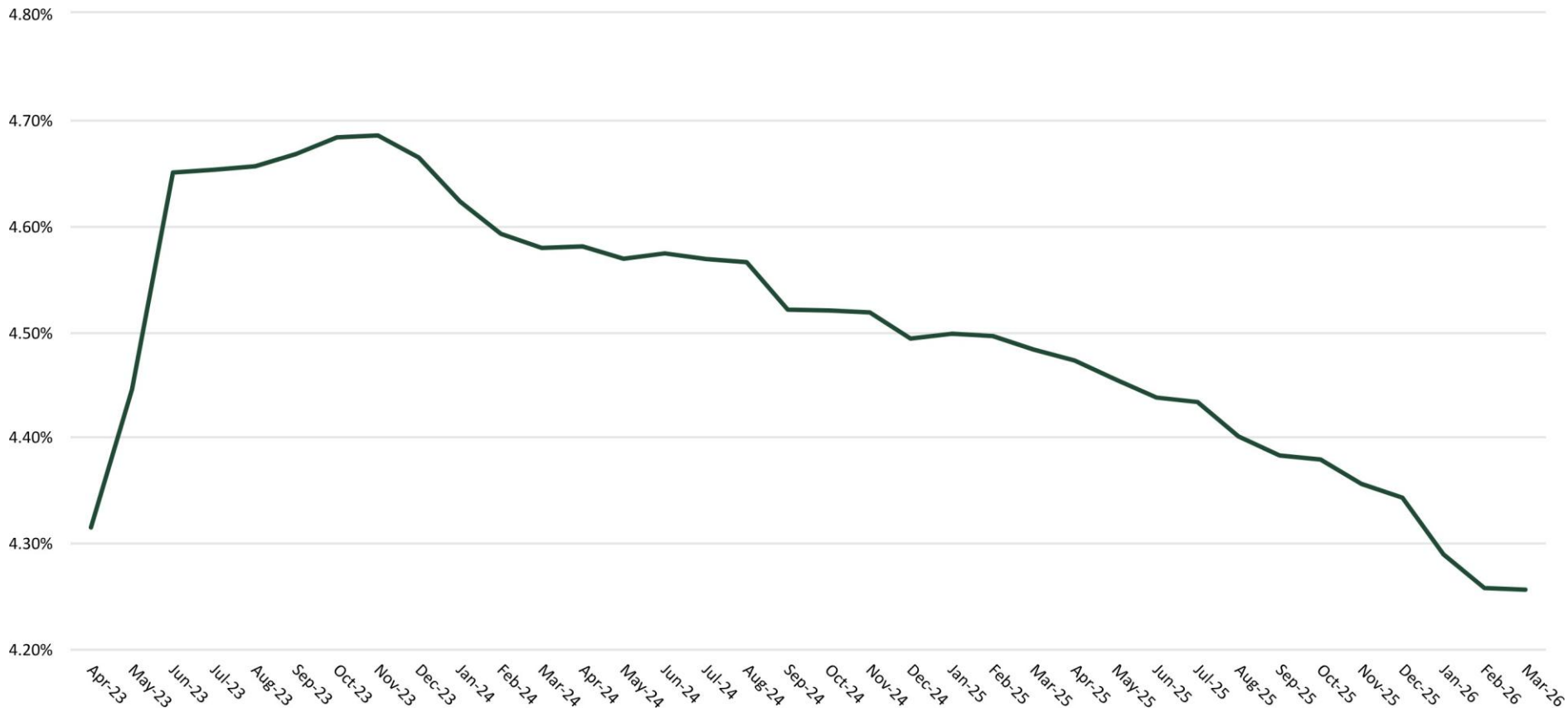

| TOTAL RATE OF RETURN* | 3 Months | 12 Months | 2 Years | 3 Years | 5 Years | 10 Years | Since Inception |
|---|---|---|---|---|---|---|---|
| City of Citrus Heights | 0.44% | 4.23% | 4.93% | 4.66% | | | 4.66% |
| Benchmark | *0.29%* | *3.75%* | *4.59%* | *4.05%* | | | *4.05%* |

*Periods over 1 year are annualized.
Total rate of return: A measure of a portfolio's performance over time. It is the internal rate of return, which equates the beginning value of the portfolio with the ending market value; it includes interest earnings, realized and unrealized gains and losses in the portfolio.
Benchmark: ICE BofA 1-3 Year US Treasury & Agency Index

## HISTORICAL AVERAGE PURCHASE YIELD

City of Citrus Heights | Account #11026 | As of March 31, 2026

Purchase Yield as of 03/31/26 = 4.26%



CHANDLER ASSET MANAGEMENT

# PORTFOLIO HOLDINGS

# HOLDINGS REPORT

CHANDLER ASSET MANAGEMENT

City of Citrus Heights | Account #11026 | As of March 31, 2026

| Cusip | Security Description | Par Value/ Units | Purchase Date Purchase Yield | Cost Value Book Value | Mkt Price Mkt YTM | Market Value Accrued Int. | % of Port. Gain/Loss | Moody's/ S&P/ Fitch | Maturity Duration |
|---|---|---|---|---|---|---|---|---|---|
| **ABS** | | | | | | | | | |
| 448979AD6 | HART 2023-A A3 4.58 04/15/2027 | 1,145.11 | 04/04/2023<br>5.14% | 1,145.00<br>1,145.08 | 100.02<br>4.23% | 1,145.28<br>2.33 | 0.01%<br>0.20 | NA/AAA<br>AAA | 1.04<br>0.04 |
| 36269WAD1 | GMALT 2024-2 A3 5.39<br>07/20/2027 | 21,182.43 | 05/07/2024<br>5.85% | 21,181.20<br>21,181.93 | 100.23<br>4.22% | 21,230.11<br>34.89 | 0.19%<br>48.18 | NA/AAA<br>AAA | 1.30<br>0.18 |
| 47800CAC0 | JDOT 2023 A3 5.01 11/15/2027 | 26,170.55 | 04/17/2023<br>4.63% | 26,437.37<br>26,217.22 | 100.29<br>4.10% | 26,245.61<br>58.27 | 0.23%<br>28.38 | Aaa/NA<br>AAA | 1.63<br>0.29 |
| 58770JAD6 | MBALT 2024-A A3 5.32<br>01/18/2028 | 23,547.57 | 05/17/2024<br>5.73% | 23,544.82<br>23,546.22 | 100.53<br>4.12% | 23,672.30<br>55.68 | 0.21%<br>126.09 | Aaa/NA<br>AAA | 1.80<br>0.42 |
| 891941AD8 | TAOT 2023-B A3 4.71 02/15/2028 | 79,888.41 | 10/03/2023<br>5.68% | 78,306.24<br>79,210.72 | 100.29<br>4.05% | 80,117.53<br>167.23 | 0.71%<br>906.81 | Aaa/NA<br>AAA | 1.88<br>0.41 |
| 362583AD8 | GMCAR 2023-2 A3 4.47<br>02/16/2028 | 9,505.89 | 04/04/2023<br>4.51% | 9,505.63<br>9,505.79 | 100.08<br>4.25% | 9,513.85<br>17.70 | 0.08%<br>8.06 | Aaa/AAA<br>NA | 1.88<br>0.33 |
| 47787CAC7 | JDOT 2023-C A3 5.48 05/15/2028 | 50,893.40 | 09/12/2023<br>5.55% | 50,889.91<br>50,891.81 | 100.61<br>4.31% | 51,205.89<br>123.95 | 0.45%<br>314.08 | Aaa/NA<br>AAA | 2.12<br>0.50 |
| 362962AD4 | GMALT 2025-2 A3 4.58<br>05/22/2028 | 50,000.00 | 05/20/2025<br>4.84% | 49,999.17<br>49,999.40 | 100.47<br>4.11% | 50,237.30<br>69.97 | 0.44%<br>237.90 | NA/AAA<br>AAA | 2.14<br>0.92 |
| 438123AC5 | HAROT 2023-4 A3 5.67<br>06/21/2028 | 83,064.35 | 12/07/2023<br>5.10% | 84,307.07<br>83,553.56 | 100.87<br>4.23% | 83,786.26<br>130.83 | 0.74%<br>232.71 | Aaa/NA<br>AAA | 2.22<br>0.55 |
| 096912AD2 | BMWLT 2025-1 A3 4.43<br>06/26/2028 | 30,000.00 | 06/03/2025<br>4.82% | 29,999.34<br>29,999.52 | 100.33<br>4.16% | 30,099.21<br>22.15 | 0.27%<br>99.69 | NA/AAA<br>AAA | 2.24<br>1.06 |
| 379965AD8 | GMALT 2025-3 A3 4.17<br>08/21/2028 | 50,000.00 | 08/05/2025<br>4.18% | 49,992.40<br>49,993.99 | 100.05<br>4.16% | 50,025.20<br>63.71 | 0.44%<br>31.21 | NA/AAA<br>AAA | 2.39<br>1.15 |
| 161571HT4 | CHAIT 2023-1 A 5.16 09/15/2028 | 110,000.00 | 09/07/2023<br>5.23% | 109,969.51<br>109,985.01 | 100.54<br>3.99% | 110,596.75<br>252.27 | 0.98%<br>611.74 | NA/AAA<br>AAA | 2.46<br>0.44 |
| 02582JKD1 | AMXCA 2023-3 A 5.23 09/15/2026 | 175,000.00 | 09/12/2023<br>5.29% | 174,992.18<br>174,998.81 | 100.58<br>3.98% | 176,013.43<br>406.78 | 1.56%<br>1,014.62 | NA/AAA<br>AAA | 0.46<br>0.44 |
| 05594HAD5 | BMWLT 2025-2 A3 3.97<br>09/25/2028 | 55,000.00 | 10/08/2025<br>4.32% | 54,999.85<br>54,999.87 | 99.87<br>4.11% | 54,925.75<br>36.39 | 0.49%<br>(74.12) | NA/AAA<br>AAA | 2.49<br>1.26 |
| 448973AD9 | HART 2024-A A3 4.99 02/15/2029 | 32,748.58 | 03/11/2024<br>5.05% | 32,741.36<br>32,744.34 | 100.58<br>4.17% | 32,937.99<br>72.63 | 0.29%<br>193.65 | NA/AAA<br>AAA | 2.88<br>0.66 |
| 096919AD7 | BMWOT 2024-A A3 5.18<br>02/26/2029 | 35,768.49 | 06/04/2024<br>5.18% | 35,763.07<br>35,765.14 | 100.66<br>4.30% | 36,004.14<br>30.88 | 0.32%<br>238.99 | Aaa/AAA<br>NA | 2.91<br>0.70 |

# HOLDINGS REPORT

CHANDLER ASSET MANAGEMENT

City of Citrus Heights | Account #11026 | As of March 31, 2026

| Cusip | Security Description | Par Value/ Units | Purchase Date Purchase Yield | Cost Value Book Value | Mkt Price Mkt YTM | Market Value Accrued Int. | % of Port. Gain/Loss | Moody's/ S&P/ Fitch | Maturity Duration |
|---|---|---|---|---|---|---|---|---|---|
| 05522RDJ4 | BACCT 2024-1 A 4.93 05/15/2029 | 55,000.00 | 06/06/2024<br>4.93% | 54,996.91<br>54,998.05 | 101.03<br>4.02% | 55,568.92<br>120.51 | 0.49%<br>570.87 | Aaa/AAA<br>NA | 3.12<br>1.07 |
| 58770YAD3 | MBALT 2026-A A3 3.93 01/15/2030 | 30,000.00 | 01/13/2026<br>3.97% | 29,994.05<br>29,994.34 | 99.43<br>4.24% | 29,828.37<br>52.40 | 0.26%<br>(165.97) | Aaa/NA<br>AAA | 3.79<br>2.04 |
| 34532BAG6 | FORDO 2025-B A3 3.91 04/15/2030 | 55,000.00 | 09/23/2025<br>4.27% | 54,994.07<br>54,994.74 | 99.68<br>4.11% | 54,821.75<br>95.58 | 0.48%<br>(172.99) | Aaa/NA<br>AAA | 4.04<br>1.97 |
| 92970QAJ4 | WFCIT 2025-1 A 4.34 05/15/2030 | 150,000.00 | 02/12/2026<br>3.76% | 151,962.89<br>151,850.66 | 100.52<br>4.12% | 150,779.10<br>289.33 | 1.33%<br>(1,071.56) | NA/AAA<br>AAA | 4.12<br>1.99 |
| 02582JKV1 | AMXCA 2025-4 A 4.3 07/15/2030 | 170,000.00 | 11/19/2025<br>3.85% | 172,071.88<br>171,789.93 | 100.44<br>4.13% | 170,749.02<br>324.89 | 1.51%<br>(1,040.91) | NA/AAA<br>AAA | 4.29<br>2.14 |
| **Total ABS** | | **1,293,914.79** | **4.73%** | **1,297,793.91**<br>**1,297,366.13** | **100.43**<br>**4.11%** | **1,299,503.76**<br>**2,428.37** | **11.49%**<br>**2,137.63** | | **2.63**<br>**1.08** |
| **AGENCY** | | | | | | | | | |
| 3133EPHH1 | FEDERAL FARM CREDIT BANKS FUNDING CORP 4.0 04/28/2026 | 200,000.00 | 05/15/2023<br>3.85% | 200,814.00<br>200,020.39 | 100.01<br>3.77% | 200,024.80<br>3,400.00 | 1.77%<br>4.41 | Aa1/AA+<br>AA+ | 0.08<br>0.07 |
| 3133EPNG6 | FEDERAL FARM CREDIT BANKS FUNDING CORP 4.375 06/23/2026 | 250,000.00 | 06/22/2023<br>4.43% | 249,630.00<br>249,971.98 | 100.13<br>3.74% | 250,334.25<br>2,977.43 | 2.21%<br>362.27 | Aa1/AA+<br>AA+ | 0.23<br>0.23 |
| 3130AXU63 | FEDERAL HOME LOAN BANKS 4.625 11/17/2026 | 200,000.00 | 12/18/2023<br>4.23% | 202,130.00<br>200,460.43 | 100.54<br>3.74% | 201,083.80<br>3,443.06 | 1.78%<br>623.37 | Aa1/AA+<br>AA+ | 0.63<br>0.61 |
| 3130AXQL5 | FEDERAL HOME LOAN BANKS 4.875 12/11/2026 | 200,000.00 | 02/05/2024<br>4.29% | 203,068.00<br>200,750.02 | 100.76<br>3.75% | 201,520.40<br>2,979.17 | 1.78%<br>770.38 | Aa1/AA+<br>AA+ | 0.70<br>0.67 |
| 3130AVBC5 | FEDERAL HOME LOAN BANKS 4.5 03/12/2027 | 200,000.00 | 04/04/2024<br>4.53% | 199,826.00<br>199,943.95 | 100.66<br>3.78% | 201,328.60<br>475.00 | 1.78%<br>1,384.65 | Aa1/AA+<br>AA+ | 0.95<br>0.92 |
| 3133EP6K6 | FEDERAL FARM CREDIT BANKS FUNDING CORP 4.5 03/26/2027 | 100,000.00 | 03/25/2024<br>4.45% | 100,145.00<br>100,047.54 | 100.67<br>3.80% | 100,667.20<br>62.50 | 0.89%<br>619.66 | Aa1/AA+<br>AA+ | 0.99<br>0.96 |
| 3130ATUS4 | FEDERAL HOME LOAN BANKS 4.25 12/10/2027 | 200,000.00 | 05/15/2023<br>3.66% | 204,924.00<br>201,823.27 | 100.71<br>3.81% | 201,422.20<br>2,620.83 | 1.78%<br>(401.07) | Aa1/AA+<br>AA+ | 1.70<br>1.60 |
| 3133ERDH1 | FEDERAL FARM CREDIT BANKS FUNDING CORP 4.75 04/30/2029 | 200,000.00 | 05/22/2024<br>4.50% | 202,184.00<br>201,362.73 | 102.62<br>3.84% | 205,240.80<br>3,984.72 | 1.82%<br>3,878.07 | Aa1/AA+<br>AA+ | 3.08<br>2.80 |
| **Total Agency** | | **1,550,000.00** | **4.24%** | **1,562,721.00**<br>**1,554,380.31** | **100.76**<br>**3.78%** | **1,561,622.05**<br>**19,942.71** | **13.81%**<br>**7,241.75** | | **1.03**<br>**0.96** |

# HOLDINGS REPORT

CHANDLER ASSET MANAGEMENT

City of Citrus Heights | Account #11026 | As of March 31, 2026

| Cusip | Security Description | Par Value/ Units | Purchase Date Purchase Yield | Cost Value Book Value | Mkt Price Mkt YTM | Market Value Accrued Int. | % of Port. Gain/Loss | Moody's/ S&P/ Fitch | Maturity Duration |
|---|---|---|---|---|---|---|---|---|---|
| **AGENCY CMBS** | | | | | | | | | |
| 3137BVZ82 | FHMS K-063 A2 3.43 01/25/2027 | 148,595.10 | 06/07/2023<br>4.53% | 143,191.12<br>147,451.07 | 99.47<br>3.92% | 147,807.70<br>424.73 | 1.31%<br>356.63 | Aa1/AA+<br>AAA | 0.82<br>0.65 |
| 3137FBBX3 | FHMS K-068 A2 3.244 08/25/2027 | 100,000.00 | 06/08/2023<br>4.34% | 95,808.59<br>98,648.20 | 98.87<br>3.99% | 98,867.00<br>270.33 | 0.87%<br>218.80 | Aaa/AA+<br>AA+ | 1.40<br>1.28 |
| 3137FBU79 | FHMS K-069 A2 3.187 09/25/2027 | 144,867.93 | 06/09/2023<br>4.41% | 138,088.56<br>142,587.60 | 98.74<br>3.97% | 143,040.71<br>384.75 | 1.27%<br>453.11 | Aa1/AAA<br>AA+ | 1.49<br>1.39 |
| 3137FETN0 | FHMS K-073 A2 3.35 01/25/2028 | 75,000.00 | 05/24/2023<br>4.34% | 72,082.03<br>73,886.40 | 98.74<br>4.02% | 74,052.45<br>209.38 | 0.65%<br>166.05 | Aa1/AA+<br>AAA | 1.82<br>1.63 |
| 3137FG6X8 | FHMS K-077 A2 3.85 05/25/2028 | 100,000.00 | 05/24/2023<br>4.65% | 98,164.06<br>99,222.94 | 99.37<br>4.07% | 99,369.10<br>320.83 | 0.88%<br>146.16 | Aa1/AA+<br>AAA | 2.15<br>1.95 |
| 3137FKUP9 | FHMS K-087 A2 3.771 12/25/2028 | 96,809.57 | 06/05/2024<br>4.70% | 93,133.83<br>94,622.96 | 99.06<br>4.09% | 95,901.11<br>304.22 | 0.85%<br>1,278.15 | Aa1/AAA<br>AA+ | 2.74<br>2.44 |
| 3137H5YC5 | FHMS K-748 A2 2.26 01/25/2029 | 150,000.00 | 09/24/2024<br>3.79% | 140,970.70<br>144,166.04 | 95.16<br>4.12% | 142,733.55<br>282.50 | 1.26%<br>(1,432.49) | Aa1/AA+<br>AAA | 2.82<br>2.59 |
| 3137FMCR1 | FHMS K-093 A2 2.982 05/25/2029 | 98,235.48 | 09/19/2024<br>3.82% | 94,774.21<br>95,915.60 | 96.84<br>4.09% | 95,126.72<br>244.12 | 0.84%<br>(788.89) | Aa1/AA+<br>AAA | 3.15<br>2.76 |
| **Total Agency CMBS** | | **913,508.08** | **4.31%** | **876,213.09**<br>**896,500.82** | **98.21**<br>**4.03%** | **896,898.33**<br>**2,440.86** | **7.93%**<br>**397.51** | | **1.99**<br>**1.79** |
| **CASH** | | | | | | | | | |
| CCYUSD | Receivable | 852.24 | -- | 852.24<br>852.24 | 1.00 | 852.24<br>0.00 | 0.01%<br>0.00 | Aaa/AAA<br>AAA | 0.00<br>0.00 |
| **Total Cash** | | **852.24** | | **852.24**<br>**852.24** | **1.00** | **852.24**<br>**0.00** | **0.01%**<br>**0.00** | | **0.00**<br>**0.00** |
| **CORPORATE** | | | | | | | | | |
| 26442CAS3 | DUKE ENERGY CAROLINAS LLC<br>2.95 12/01/2026 | 100,000.00 | 04/10/2023<br>4.43% | 95,073.00<br>99,095.42 | 99.28<br>4.06% | 99,275.50<br>983.33 | 0.88%<br>180.08 | Aa3/A<br>NA | 0.67<br>0.65 |
| 17275RBQ4 | CISCO SYSTEMS INC 4.8<br>02/26/2027 | 120,000.00 | --<br>4.98% | 119,441.00<br>119,822.65 | 100.61<br>4.10% | 120,729.84<br>560.00 | 1.07%<br>907.19 | A1/AA-<br>NA | 0.91<br>0.79 |
| 857477CL5 | STATE STREET CORP 4.993<br>03/18/2027 | 120,000.00 | 03/13/2024<br>4.99% | 120,000.00<br>120,000.00 | 100.68<br>4.26% | 120,821.16<br>216.36 | 1.07%<br>821.16 | Aa3/A<br>AA- | 0.96<br>0.85 |

## HOLDINGS REPORT

CHANDLER ASSET MANAGEMENT

City of Citrus Heights | Account #11026 | As of March 31, 2026

| Cusip | Security Description | Par Value/ Units | Purchase Date Purchase Yield | Cost Value Book Value | Mkt Price Mkt YTM | Market Value Accrued Int. | % of Port. Gain/Loss | Moody's/ S&P/ Fitch | Maturity Duration |
|---|---|---|---|---|---|---|---|---|---|
| 89115A2W1 | TORONTO-DOMINION BANK 4.98 04/05/2027 | 90,000.00 | 03/26/2024<br>4.98% | 90,000.00<br>90,000.00 | 100.73<br>4.24% | 90,656.28<br>2,191.20 | 0.80%<br>656.28 | A2/A-<br>AA- | 1.01<br>0.96 |
| 74456QBS4 | PUBLIC SERVICE ELECTRIC AND GAS CO 3.0 05/15/2027 | 75,000.00 | 04/18/2023<br>4.48% | 70,921.50<br>73,877.45 | 98.71<br>4.19% | 74,032.05<br>850.00 | 0.65%<br>154.60 | A1/A<br>NA | 1.12<br>1.08 |
| 22160KAM7 | COSTCO WHOLESALE CORP 3.0 05/18/2027 | 40,000.00 | 03/17/2023<br>4.28% | 38,067.20<br>39,475.76 | 99.09<br>3.83% | 39,635.24<br>443.33 | 0.35%<br>159.48 | Aa3/AA<br>AA | 1.13<br>1.09 |
| 437076DB5 | HOME DEPOT INC 4.875 06/25/2027 | 135,000.00 | 06/20/2024<br>4.92% | 134,821.80<br>134,926.77 | 100.96<br>4.06% | 136,302.21<br>1,755.00 | 1.21%<br>1,375.44 | A2/A<br>A | 1.24<br>1.10 |
| 09290DAH4 | BLACKROCK INC 4.6 07/26/2027 | 125,000.00 | 07/18/2024<br>4.57% | 125,107.50<br>125,045.52 | 100.68<br>4.06% | 125,849.13<br>1,038.19 | 1.11%<br>803.60 | Aa3/AA-<br>NA | 1.32<br>1.18 |
| 532457CP1 | ELI LILLY AND CO 4.15 08/14/2027 | 70,000.00 | 08/12/2024<br>4.18% | 69,943.30<br>69,974.11 | 100.13<br>4.05% | 70,088.13<br>379.26 | 0.62%<br>114.02 | Aa3/A+<br>NA | 1.37<br>1.23 |
| 06368LAQ9 | BANK OF MONTREAL 4.7 09/14/2027 | 125,000.00 | 11/14/2023<br>5.56% | 121,346.25<br>123,612.20 | 100.55<br>4.31% | 125,682.88<br>277.43 | 1.11%<br>2,070.67 | A2/A-<br>AA- | 1.46<br>1.31 |
| 24422EXZ7 | JOHN DEERE CAPITAL CORP 4.65 01/07/2028 | 90,000.00 | 01/06/2025<br>4.66% | 89,973.00<br>89,984.04 | 100.91<br>4.10% | 90,822.69<br>976.50 | 0.80%<br>838.65 | A1/A<br>A+ | 1.77<br>1.67 |
| 02665WFX4 | AMERICAN HONDA FINANCE CORP 4.55 03/03/2028 | 100,000.00 | 03/06/2025<br>4.60% | 99,851.00<br>99,904.21 | 99.96<br>4.57% | 99,957.50<br>353.89 | 0.88%<br>53.29 | A3/BBB+<br>NA | 1.93<br>1.82 |
| 00287YDY2 | ABBVIE INC 4.65 03/15/2028 | 70,000.00 | 02/18/2025<br>4.70% | 69,906.90<br>69,940.28 | 100.91<br>4.16% | 70,637.21<br>144.67 | 0.62%<br>696.93 | A2/A-<br>NA | 1.96<br>1.77 |
| 14913UBB5 | CATERPILLAR FINANCIAL SERVICES CORP 4.1 08/15/2028 | 125,000.00 | 08/12/2025<br>4.07% | 125,115.00<br>125,090.97 | 99.91<br>4.14% | 124,890.75<br>654.86 | 1.10%<br>(200.22) | A2/A<br>A+ | 2.38<br>2.23 |
| 02079KAV9 | ALPHABET INC 3.875 11/15/2028 | 45,000.00 | 11/03/2025<br>3.91% | 44,961.30<br>44,966.41 | 99.68<br>4.00% | 44,854.16<br>702.34 | 0.40%<br>(112.26) | Aa2/AA+<br>NA | 2.63<br>2.43 |
| 023135CS3 | AMAZON.COM INC 3.9 11/20/2028 | 65,000.00 | 11/17/2025<br>3.91% | 64,985.70<br>64,987.42 | 99.57<br>4.07% | 64,722.19<br>922.46 | 0.57%<br>(265.23) | A1/AA<br>AA- | 2.64<br>2.45 |
| 46647PEU6 | JPMORGAN CHASE & CO 4.915 01/24/2029 | 60,000.00 | 01/16/2025<br>4.92% | 60,000.00<br>60,000.00 | 100.85<br>4.43% | 60,511.02<br>548.84 | 0.54%<br>511.02 | A1/A<br>AA- | 2.82<br>1.71 |
| 756109CW2 | REALTY INCOME CORP 3.95 02/01/2029 | 130,000.00 | 09/25/2025<br>4.14% | 129,235.60<br>129,347.05 | 98.84<br>4.39% | 128,493.30<br>855.83 | 1.14%<br>(853.75) | A3/A-<br>NA | 2.84<br>2.63 |
| 74340XBL4 | PROLOGIS LP 4.375 02/01/2029 | 100,000.00 | 02/18/2026<br>3.91% | 101,181.00<br>101,131.89 | 100.05<br>4.35% | 100,054.40<br>729.17 | 0.88%<br>(1,077.49) | A2/A<br>NA | 2.84<br>2.62 |
| 92826CAY8 | VISA INC 3.8 02/12/2029 | 90,000.00 | 02/03/2026<br>3.84% | 89,896.50<br>89,901.03 | 99.39<br>4.03% | 89,452.71<br>465.50 | 0.79%<br>(448.32) | Aa3/AA-<br>NA | 2.87<br>2.67 |

# HOLDINGS REPORT

CHANDLER ASSET MANAGEMENT

City of Citrus Heights | Account #11026 | As of March 31, 2026

| Cusip | Security Description | Par Value/ Units | Purchase Date Purchase Yield | Cost Value Book Value | Mkt Price Mkt YTM | Market Value Accrued Int. | % of Port. Gain/Loss | Moody's/ S&P/ Fitch | Maturity Duration |
|---|---|---|---|---|---|---|---|---|---|
| 002824BR0 | ABBOTT LABORATORIES 3.7 03/09/2029 | 120,000.00 | 02/24/2026<br>3.75% | 119,838.00<br>119,841.40 | 98.81<br>4.13% | 118,572.72<br>271.33 | 1.05%<br>(1,268.68) | Aa3/A+<br>NA | 2.94<br>2.75 |
| 713448FX1 | PEPSICO INC 4.5 07/17/2029 | 125,000.00 | 07/16/2024<br>4.52% | 124,872.50<br>124,916.00 | 100.96<br>4.18% | 126,201.38<br>1,156.25 | 1.12%<br>1,285.37 | A1/A+<br>NA | 3.30<br>2.94 |
| 025816EJ4 | AMERICAN EXPRESS CO 4.351 07/20/2029 | 90,000.00 | 07/21/2025<br>4.35% | 90,000.00<br>90,000.00 | 99.93<br>4.41% | 89,935.74<br>772.30 | 0.80%<br>(64.26) | A2/A-<br>A | 3.30<br>2.15 |
| 171239AL0 | CHUBB INA HOLDINGS LLC 4.65 08/15/2029 | 120,000.00 | 08/22/2024<br>4.31% | 121,780.80<br>121,196.83 | 101.12<br>4.29% | 121,349.16<br>713.00 | 1.07%<br>152.33 | A2/A<br>A | 3.38<br>3.01 |
| 61748UAK8 | MORGAN STANLEY 4.133 10/18/2029 | 125,000.00 | --<br>4.20% | 125,030.10<br>125,025.70 | 98.84<br>4.61% | 123,549.75<br>2,281.76 | 1.09%<br>(1,475.95) | A1/A-<br>A+ | 3.55<br>2.35 |
| 38141GD27 | GOLDMAN SACHS GROUP INC 4.153 10/21/2029 | 105,000.00 | --<br>4.26% | 105,019.50<br>105,016.66 | 99.07<br>4.54% | 104,020.25<br>1,938.07 | 0.92%<br>(996.42) | A2/BBB+<br>A | 3.56<br>2.35 |
| 06406RCG0 | BANK OF NEW YORK MELLON CORP 4.026 01/22/2030 | 120,000.00 | --<br>4.10% | 119,961.60<br>119,963.41 | 99.00<br>4.36% | 118,798.80<br>925.98 | 1.05%<br>(1,164.61) | Aa3/A<br>AA- | 3.81<br>2.61 |
| 95000U4D2 | WELLS FARGO & CO 4.182 01/23/2030 | 70,000.00 | 01/15/2026<br>4.18% | 70,000.00<br>70,000.00 | 99.11<br>4.49% | 69,379.80<br>552.95 | 0.61%<br>(620.20) | A1/BBB+<br>A+ | 3.82<br>2.60 |
| 63743HFX5 | NATIONAL RURAL UTILITIES COOPERATIVE FINANCE CORP 4.95 02/07/2030 | 100,000.00 | 02/20/2025<br>4.90% | 100,220.00<br>100,170.10 | 101.74<br>4.45% | 101,735.60<br>742.50 | 0.90%<br>1,565.50 | A2/NA<br>A | 3.86<br>3.39 |
| 69371RT71 | PACCAR FINANCIAL CORP 4.55 05/08/2030 | 120,000.00 | 05/05/2025<br>4.59% | 119,814.00<br>119,847.41 | 100.67<br>4.37% | 120,804.96<br>2,168.83 | 1.07%<br>957.55 | A1/A+<br>NA | 4.10<br>3.64 |
| **Total Corporate** | | **2,970,000.00** | **4.47%** | **2,956,364.05**<br>**2,967,060.71** | **100.07**<br>**4.25%** | **2,971,816.49**<br>**26,571.16** | **26.28%**<br>**4,755.77** | | **2.41**<br>**2.03** |
| **MONEY MARKET FUND** | | | | | | | | | |
| 31846V203 | FIRST AMER:GVT OBLG Y | 121,814.54 | --<br>3.28% | 121,814.54<br>121,814.54 | 1.00<br>3.28% | 121,814.54<br>0.00 | 1.08%<br>0.00 | Aaa/AAAm<br>AAA | 0.00<br>0.00 |
| **Total Money Market Fund** | | **121,814.54** | **3.28%** | **121,814.54**<br>**121,814.54** | **1.00**<br>**3.28%** | **121,814.54**<br>**0.00** | **1.08%**<br>**0.00** | | **0.00**<br>**0.00** |
| **MUNICIPAL BONDS** | | | | | | | | | |

# HOLDINGS REPORT

CHANDLER ASSET MANAGEMENT

City of Citrus Heights | Account #11026 | As of March 31, 2026

| Cusip | Security Description | Par Value/ Units | Purchase Date Purchase Yield | Cost Value Book Value | Mkt Price Mkt YTM | Market Value Accrued Int. | % of Port. Gain/Loss | Moody's/ S&P/ Fitch | Maturity Duration |
|---|---|---|---|---|---|---|---|---|---|
| 13063DRE0 | CALIFORNIA ST 2.5 10/01/2029 | 150,000.00 | 03/24/2025<br>4.33% | 138,834.00<br>141,349.90 | 95.34<br>3.94% | 143,007.75<br>1,875.00 | 1.26%<br>1,657.85 | Aa2/AA-<br>AA | 3.50<br>3.30 |
| **Total Municipal Bonds** | | **150,000.00** | **4.33%** | **138,834.00<br>141,349.90** | **95.34<br>3.94%** | **143,007.75<br>1,875.00** | **1.26%<br>1,657.85** | | **3.50<br>3.30** |
| **SUPRANATIONAL** | | | | | | | | | |
| 459058LN1 | INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPM 3.875 10/16/2029 | 100,000.00 | 12/17/2024<br>4.32% | 98,079.00<br>98,590.03 | 100.04<br>3.86% | 100,036.00<br>1,776.00 | 0.88%<br>1,445.97 | Aaa/AAA<br>NA | 3.54<br>3.22 |
| 459058LR2 | INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPM 4.125 03/20/2030 | 65,000.00 | 03/14/2025<br>4.20% | 64,767.95<br>64,815.86 | 100.81<br>3.90% | 65,526.31<br>81.93 | 0.58%<br>710.45 | Aaa/AAA<br>NA | 3.97<br>3.63 |
| **Total Supranational** | | **165,000.00** | **4.27%** | **162,846.95<br>163,405.89** | **100.34<br>3.88%** | **165,562.31<br>1,857.93** | **1.46%<br>2,156.41** | | **3.71<br>3.38** |
| **US TREASURY** | | | | | | | | | |
| 91282CHB0 | UNITED STATES TREASURY 3.625 05/15/2026 | 100,000.00 | 06/08/2023<br>4.15% | 98,574.22<br>99,941.42 | 99.98<br>3.75% | 99,978.30<br>1,371.89 | 0.88%<br>36.88 | Aa1/AA+<br>AA+ | 0.12<br>0.12 |
| 91282CJC6 | UNITED STATES TREASURY 4.625 10/15/2026 | 150,000.00 | 10/19/2023<br>5.05% | 148,265.63<br>149,686.83 | 100.45<br>3.77% | 150,678.30<br>3,201.92 | 1.33%<br>991.47 | Aa1/AA+<br>AA+ | 0.54<br>0.52 |
| 912828U24 | UNITED STATES TREASURY 2.0 11/15/2026 | 250,000.00 | 05/18/2023<br>3.83% | 235,195.31<br>247,354.65 | 98.92<br>3.77% | 247,296.00<br>1,892.27 | 2.19%<br>(58.65) | Aa1/AA+<br>AA+ | 0.63<br>0.61 |
| 91282CEF4 | UNITED STATES TREASURY 2.5 03/31/2027 | 250,000.00 | 03/24/2023<br>3.52% | 240,556.64<br>247,653.66 | 98.83<br>3.71% | 247,062.50<br>17.08 | 2.19%<br>(591.16) | Aa1/AA+<br>AA+ | 1.00<br>0.97 |
| 91282CKJ9 | UNITED STATES TREASURY 4.5 04/15/2027 | 200,000.00 | 04/24/2024<br>4.80% | 198,351.56<br>199,424.19 | 100.76<br>3.74% | 201,522.60<br>4,153.85 | 1.78%<br>2,098.41 | Aa1/AA+<br>AA+ | 1.04<br>0.99 |
| 91282CKV2 | UNITED STATES TREASURY 4.625 06/15/2027 | 160,000.00 | 06/20/2024<br>4.48% | 160,637.50<br>160,257.58 | 100.94<br>3.82% | 161,500.00<br>2,175.27 | 1.43%<br>1,242.42 | Aa1/AA+<br>AA+ | 1.21<br>1.15 |
| 91282CLG4 | UNITED STATES TREASURY 3.75 08/15/2027 | 175,000.00 | 06/17/2025<br>3.96% | 174,254.88<br>174,526.26 | 99.88<br>3.84% | 174,781.25<br>815.78 | 1.55%<br>254.99 | Aa1/AA+<br>AA+ | 1.38<br>1.32 |
| 91282CMW8 | UNITED STATES TREASURY 3.75 04/15/2028 | 125,000.00 | 05/14/2025<br>4.03% | 124,057.62<br>124,341.39 | 99.86<br>3.82% | 124,829.13<br>2,163.46 | 1.10%<br>487.73 | Aa1/AA+<br>AA+ | 2.04<br>1.91 |

## HOLDINGS REPORT

CHANDLER ASSET MANAGEMENT

City of Citrus Heights | Account #11026 | As of March 31, 2026

| Cusip | Security Description | Par Value/ Units | Purchase Date Purchase Yield | Cost Value Book Value | Mkt Price Mkt YTM | Market Value Accrued Int. | % of Port. Gain/Loss | Moody's/ S&P/ Fitch | Maturity Duration |
|---|---|---|---|---|---|---|---|---|---|
| 91282CHE4 | UNITED STATES TREASURY 3.625 05/31/2028 | 225,000.00 | 03/26/2025 4.03% | 222,266.60 223,137.71 | 99.61 3.81% | 224,112.38 2,733.69 | 1.98% 974.67 | Aa1/AA+ AA+ | 2.17 2.04 |
| 91282CHX2 | UNITED STATES TREASURY 4.375 08/31/2028 | 175,000.00 | 12/11/2024 4.12% | 176,497.07 175,973.43 | 101.25 3.83% | 177,187.50 665.76 | 1.57% 1,214.07 | Aa1/AA+ AA+ | 2.42 2.27 |
| 91282CJR3 | UNITED STATES TREASURY 3.75 12/31/2028 | 250,000.00 | 12/08/2025 3.62% | 250,957.03 250,860.30 | 99.80 3.83% | 249,502.00 2,356.70 | 2.21% (1,358.30) | Aa1/AA+ AA+ | 2.75 2.56 |
| 91282CPT2 | UNITED STATES TREASURY 3.5 01/15/2029 | 300,000.00 | 01/21/2026 3.66% | 298,628.91 298,715.78 | 99.15 3.82% | 297,445.20 2,204.42 | 2.63% (1,270.58) | Aa1/AA+ AA+ | 2.79 2.61 |
| 91282CJW2 | UNITED STATES TREASURY 4.0 01/31/2029 | 175,000.00 | 04/28/2025 3.78% | 176,353.52 176,021.30 | 100.45 3.83% | 175,792.93 1,160.22 | 1.55% (228.38) | Aa1/AA+ AA+ | 2.84 2.64 |
| 91282CQA2 | UNITED STATES TREASURY 3.5 02/15/2029 | 140,000.00 | 02/26/2026 3.46% | 140,153.13 140,148.47 | 99.13 3.82% | 138,785.92 609.12 | 1.23% (1,362.55) | Aa1/AA+ AA+ | 2.88 2.70 |
| 91282CLK5 | UNITED STATES TREASURY 3.625 08/31/2029 | 150,000.00 | 09/18/2024 3.48% | 150,972.66 150,671.77 | 99.23 3.87% | 148,851.60 472.83 | 1.32% (1,820.17) | Aa1/AA+ AA+ | 3.42 3.17 |
| 91282CFL0 | UNITED STATES TREASURY 3.875 09/30/2029 | 150,000.00 | 10/23/2024 4.07% | 148,705.08 149,081.63 | 100.01 3.87% | 150,011.70 15.88 | 1.33% 930.07 | Aa1/AA+ AA+ | 3.50 3.24 |
| 91282CLR0 | UNITED STATES TREASURY 4.125 10/31/2029 | 100,000.00 | 11/18/2024 4.32% | 99,152.34 99,385.95 | 100.82 3.88% | 100,820.30 1,732.04 | 0.89% 1,434.35 | Aa1/AA+ AA+ | 3.59 3.25 |
| 91282CMA6 | UNITED STATES TREASURY 4.125 11/30/2029 | 150,000.00 | 01/21/2025 4.38% | 148,306.64 148,721.15 | 100.83 3.88% | 151,242.15 2,073.83 | 1.34% 2,521.00 | Aa1/AA+ AA+ | 3.67 3.33 |
| 91282CGB1 | UNITED STATES TREASURY 3.875 12/31/2029 | 200,000.00 | 09/22/2025 3.66% | 201,710.94 201,502.56 | 99.93 3.89% | 199,867.20 1,948.20 | 1.77% (1,635.36) | Aa1/AA+ AA+ | 3.75 3.43 |
| 91282CGQ8 | UNITED STATES TREASURY 4.0 02/28/2030 | 175,000.00 | 03/26/2026 3.99% | 175,034.18 175,034.06 | 100.38 3.89% | 175,663.08 608.70 | 1.55% 629.01 | Aa1/AA+ AA+ | 3.91 3.58 |
| 91282CMU2 | UNITED STATES TREASURY 4.0 03/31/2030 | 175,000.00 | 03/26/2026 4.00% | 174,986.33 174,986.38 | 100.36 3.90% | 175,628.95 19.13 | 1.55% 642.57 | Aa1/AA+ AA+ | 4.00 3.66 |
| 91282CGZ8 | UNITED STATES TREASURY 3.5 04/30/2030 | 200,000.00 | 07/23/2025 3.91% | 196,476.56 196,984.53 | 98.48 3.91% | 196,953.20 2,939.23 | 1.74% (31.33) | Aa1/AA+ AA+ | 4.08 3.71 |
| 91282CNG2 | UNITED STATES TREASURY 4.0 05/31/2030 | 175,000.00 | 06/11/2025 4.04% | 174,685.55 174,736.34 | 100.34 3.91% | 175,594.65 2,346.15 | 1.55% 858.31 | Aa1/AA+ AA+ | 4.17 3.75 |
| **Total US Treasury** | | **4,150,000.00** | **3.98%** | **4,114,779.90 4,139,147.33** | **99.89 3.83%** | **4,145,106.82 37,677.41** | **36.66% 5,959.49** | | **2.50 2.31** |

# HOLDINGS REPORT

CHANDLER ASSET MANAGEMENT

City of Citrus Heights | Account #11026 | As of March 31, 2026

| Cusip | Security Description | Par Value/ Units | Purchase Date Purchase Yield | Cost Value Book Value | Mkt Price Mkt YTM | Market Value Accrued Int. | % of Port. Gain/Loss | Moody's/ S&P/ Fitch | Maturity Duration |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 11,232,219.68 | 98.86 | 11,306,184.28 | 100.00% | | 2.25 |
| Total Portfolio | | 11,315,089.64 | 4.26% | 11,281,877.86 | 3.98% | 92,793.44 | 24,306.41 | | 1.87 |
| Total Market Value + Accrued | | | | | | 11,398,977.72 | | | |

CHANDLER ASSET MANAGEMENT

# TRANSACTIONS

# TRANSACTION LEDGER

CHANDLER ASSET MANAGEMENT

City of Citrus Heights | Account #11026|01/01/2026 Through 03/31/2026|

| Transaction Type | Settlement Date | CUSIP | Quantity | Security Description | Price | Acq/Disp Yield | Amount | Interest Pur/ Sold | Total Amount | Gain/Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| **ACQUISITIONS** | | | | | | | | | | |
| Purchase | 01/21/2026 | 58770YAD3 | 30,000.00 | MBALT 2026-A A3 3.93 01/15/2030 | 99.980 | 3.97% | (29,994.05) | 0.00 | (29,994.05) | 0.00 |
| Purchase | 01/22/2026 | 06406RCG0 | 40,000.00 | BANK OF NEW YORK MELLON CORP 4.026 01/22/2030 | 100.000 | 4.09% | (40,000.00) | 0.00 | (40,000.00) | 0.00 |
| Purchase | 01/22/2026 | 06406RCG0 | 80,000.00 | BANK OF NEW YORK MELLON CORP 4.026 01/22/2030 | 99.952 | 4.10% | (79,961.60) | 0.00 | (79,961.60) | 0.00 |
| Purchase | 01/22/2026 | 91282CPT2 | 300,000.00 | UNITED STATES TREASURY 3.5 01/15/2029 | 99.543 | 3.66% | (298,628.91) | (203.04) | (298,831.95) | 0.00 |
| Purchase | 01/23/2026 | 95000U4D2 | 70,000.00 | WELLS FARGO & CO 4.182 01/23/2030 | 100.000 | 4.18% | (70,000.00) | 0.00 | (70,000.00) | 0.00 |
| Purchase | 02/12/2026 | 92826CAY8 | 90,000.00 | VISA INC 3.8 02/12/2029 | 99.885 | 3.84% | (89,896.50) | 0.00 | (89,896.50) | 0.00 |
| Purchase | 02/13/2026 | 92970QAJ4 | 150,000.00 | WFCIT 2025-1 A 4.34 05/15/2030 | 101.309 | 3.76% | (151,962.89) | (506.33) | (152,469.22) | 0.00 |
| Purchase | 02/19/2026 | 74340XBL4 | 100,000.00 | PROLOGIS LP 4.375 02/01/2029 | 101.181 | 3.91% | (101,181.00) | (218.75) | (101,399.75) | 0.00 |
| Purchase | 02/27/2026 | 91282CQA2 | 140,000.00 | UNITED STATES TREASURY 3.5 02/15/2029 | 100.109 | 3.46% | (140,153.13) | (162.43) | (140,315.56) | 0.00 |
| Purchase | 03/09/2026 | 002824BR0 | 120,000.00 | ABBOTT LABORATORIES 3.7 03/09/2029 | 99.865 | 3.75% | (119,838.00) | 0.00 | (119,838.00) | 0.00 |
| Purchase | 03/27/2026 | 91282CGQ8 | 175,000.00 | UNITED STATES TREASURY 4.0 02/28/2030 | 100.020 | 3.99% | (175,034.18) | (513.59) | (175,547.77) | 0.00 |
| Purchase | 03/27/2026 | 91282CMU2 | 175,000.00 | UNITED STATES TREASURY 4.0 03/31/2030 | 99.992 | 4.00% | (174,986.33) | (3,423.08) | (178,409.41) | 0.00 |
| **Total Purchase** | | | **1,470,000.00** | | | | **(1,471,636.59)** | **(5,027.22)** | **(1,476,663.81)** | **0.00** |
| **TOTAL ACQUISITIONS** | | | **1,470,000.00** | | | | **(1,471,636.59)** | **(5,027.22)** | **(1,476,663.81)** | **0.00** |

## TRANSACTION LEDGER

CHANDLER ASSET MANAGEMENT

City of Citrus Heights | Account #11026|01/01/2026 Through 03/31/2026|

| Transaction Type | Settlement Date | CUSIP | Quantity | Security Description | Price | Acq/Disp Yield | Amount | Interest Pur/ Sold | Total Amount | Gain/Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| **DISPOSITIONS** | | | | | | | | | | |
| Maturity | 01/22/2026 | 3133EPW68 | (200,000.00) | FEDERAL FARM CREDIT BANKS FUNDING CORP 4.125 01/22/2026 | 100.000 | 4.40% | 200,000.00 | 0.00 | 200,000.00 | 0.00 |
| Maturity | 03/09/2026 | 3133EPCR4 | (375,000.00) | FEDERAL FARM CREDIT BANKS FUNDING CORP 4.75 03/09/2026 | 100.000 | 3.99% | 375,000.00 | 0.00 | 375,000.00 | 0.00 |
| **Total Maturity** | | | **(575,000.00)** | | | | **575,000.00** | **0.00** | **575,000.00** | **0.00** |
| Sale | 01/16/2026 | 06406RBQ9 | (110,000.00) | BANK OF NEW YORK MELLON CORP 4.947 04/26/2027 | 100.267 | 5.60% | 110,293.70 | 1,209.27 | 111,502.97 | 344.04 |
| Sale | 01/22/2026 | 341081GR2 | (125,000.00) | FLORIDA POWER & LIGHT CO 4.45 05/15/2026 | 100.109 | 4.65% | 125,136.25 | 1,035.24 | 126,171.49 | 206.29 |
| Sale | 01/22/2026 | 91282CHB0 | (150,000.00) | UNITED STATES TREASURY 3.625 05/15/2026 | 100.000 | 4.15% | 150,000.00 | 1,021.41 | 151,021.41 | 225.65 |
| Sale | 02/19/2026 | 74340XBK6 | (125,000.00) | PROLOGIS LP 3.25 10/01/2026 | 99.641 | 4.53% | 124,551.25 | 1,557.29 | 126,108.54 | 467.28 |
| Sale | 02/25/2026 | 46647PEA0 | (75,000.00) | JPMORGAN CHASE & CO 5.04 01/23/2028 | 100.915 | 4.99% | 75,686.25 | 336.00 | 76,022.25 | 653.08 |
| Sale | 02/27/2026 | 91324PEG3 | (100,000.00) | UNITEDHEALTH GROUP INC 3.7 05/15/2027 | 99.823 | 4.28% | 99,823.00 | 1,048.33 | 100,871.33 | 466.39 |
| **Total Sale** | | | **(685,000.00)** | | | | **685,490.45** | **6,207.54** | **691,697.99** | **2,362.73** |
| **TOTAL DISPOSITIONS** | | | **(1,260,000.00)** | | | | **1,260,490.45** | **6,207.54** | **1,266,697.99** | **2,362.73** |

# IMPORTANT DISCLOSURES

2026 Chandler Asset Management, Inc, An Independent Registered Investment Adviser.

Information contained herein is confidential. Prices are provided by ICE Data Services Inc ("IDS"), an independent pricing source. In the event IDS does not provide a price or if the price provided is not reflective of fair market value, Chandler will obtain pricing from an alternative approved third party pricing source in accordance with our written valuation policy and procedures. Our valuation procedures are also disclosed in Item 5 of our Form ADV Part 2A.

Performance results are presented gross-of-advisory fees and represent the client's Total Return. The deduction of advisory fees lowers performance results. These results include the reinvestment of dividends and other earnings. Past performance may not be indicative of future results. Therefore, clients should not assume that future performance of any specific investment or investment strategy will be profitable or equal to past performance levels. All investment strategies have the potential for profit or loss. Economic factors, market conditions or changes in investment strategies, contributions or withdrawals may materially alter the performance and results of your portfolio.

Index returns assume reinvestment of all distributions. Historical performance results for investment indexes generally do not reflect the deduction of transaction and/or custodial charges or the deduction of an investment management fee, the incurrence of which would have the effect of decreasing historical performance results. It is not possible to invest directly in an index.

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Fixed income investments are subject to interest, credit and market risk. Interest rate risk: the value of fixed income investments will decline as interest rates rise. Credit risk: the possibility that the borrower may not be able to repay interest and principal. Low rated bonds generally have to pay higher interest rates to attract investors willing to take on greater risk. Market risk: the bond market in general could decline due to economic conditions, especially during periods of rising interest rates.

Ratings information have been provided by Moody's, S&P and Fitch through data feeds we believe to be reliable as of the date of this statement, however we cannot guarantee its accuracy.

Security level ratings for U.S. Agency issued mortgage-backed securities ("MBS") reflect the issuer rating because the securities themselves are not rated. The issuing U.S. Agency guarantees the full and timely payment of both principal and interest.

**LGIP Yields:** Reported yields for local government investment pools may be presented as either the 30-day yield or the monthly distribution yield, as applicable. For certain funds, the 30-day yield is calculated using reported daily yield data. Yield calculations are subject to change and may not be directly comparable across funds.

**LAIF Yields:** Additional Disclosure for CA Clients - As a result of a reporting lag from the Local Agency Investment Fund (LAIF), reported LAIF yields represent the most recently available Daily Effective Yield and may reflect data from approximately 7–10 days prior to month-end.

## BENCHMARK DISCLOSURES

| Benchmark | Disclosure |
|---|---|
| ICE BofA 1-3 Yr US Treasury & Agency Index | The ICE BofA 1-3 Year US Treasury & Agency Index tracks the performance of US dollar denominated US Treasury and nonsubordinated US agency debt issued in the US domestic market. Qualifying securities must have an investment grade rating (based on an average of Moody's, S&P and Fitch). Qualifying securities must have at least one year remaining term to final maturity and less than three years remaining term to final maturity, at least 18 months to maturity at time of issuance, a fixed coupon schedule, and a minimum amount outstanding of $1 billion for sovereigns and $250 million for agencies. |

# CITY OF CITRUS HEIGHTS

## CITY COUNCIL STAFF REPORT MEMORANDUM

**DATE:** May 13, 2026

**TO:** Mayor and City Council Members
Ashley J. Feeney, City Manager

**FROM:** Regina Cave, General Services Director
Leslie Blomquist, City Engineer

**SUBJECT:** **2025 Road Resurfacing Project**
**Authorize Additional Work**

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**Recommendation**

On August 27, 2025, the City Council approved a resolution authorizing the City Manager to execute an agreement with Valley Slurry Seal International, Inc. (VSSI) for the 2025 Road Resurfacing Project (Project).

Resurfacing of Primrose Drive and the Citrus Heights Police Department (CHPD) Parking Lot are recommended prior to the next winter season to prevent further deterioration. In order to obtain the best product available and extend the life of the existing pavement, inclusion of these two items in the 2025 Road Resurfacing Project, currently in construction, is recommended. Further, Greenback Lane Frontage Road, from Brooktree Dr. to Peoria Dr., has significantly deteriorated over the past year. Modifications and upgrades to the pavement resurfacing approach on this roadway is recommended.

Staff recommends the City Council adopt the following resolution:

1. Resolution No. 2026-___, a Resolution of the City Council of the City of Citrus Heights, California, authorizing the City Manager to execute Change Orders up to 25% of the contract amount with Valley Slurry Seal International, Inc. for the 2025 Road Resurfacing Project and increasing the total authorized construction budget to $10,039,156.25.

**Strategic Plan Alignment**

This item is in alignment with the following City Council priority:
**Goal:** Maintain Public Infrastructure and Enhance All Modes of Transportation

## Fiscal Impact

The Contractor's bid for the Project was $8,031,325.00 and the recommended additional work is anticipated to cost $732,500.00. An additional contingency is also recommended.

The recommended action results in no fiscal impact to the General Fund. However, the recommended action does seek to program an additional $803,132.50 of existing unspent SB1 funds. The anticipated costs and funding for the Project are outlined in the tables below:

**Table No 1. – Estimated Project Construction Costs**

| Project Component | Estimated Cost ($) |
|---|---|
| Original Contract Award | 8,031,325.00 |
| Original Authorized Contingency | 1,204,698.75 |
| ***Proposed Additional Work (to be approved by Contract Change Order)*** | ***732,500.00*** |
| ***Proposed Additional Contingency (to be approved by Contract Change Order)*** | ***70,632.50*** |
| Total | 10,039,156.25 |

**Table No 2. – Project Funding**

| Source Fund | Fund No. | Amount ($) |
|---|---|---|
| Gas Tax | 205 | 400,000.00 |
| General Fund | 330 | 5,422,523.75 |
| Measure A Maintenance | 210 | 1,000,000.00 |
| Senate Bill 1 (SB1) Road Maintenance and Rehabilitation Account | 206 | 2,400,000.00 |
| City of Roseville Contribution (estimated) | - | 13,500.00 |
| **Senate Bill 1 (SB1) Road Maintenance and Rehabilitation Account -** ***Additional*** | ***206*** | ***725,632.50*** |
| **General Capital Replacement Funds –** ***Additional*** | ***331*** | ***77,500*** |
| | | |
| Total | | 10,039,156.25 |

## Background and Analysis

On December 14, 2023, Citrus Heights City Council approved the Three Year Pavement Preservation Plan (PPP) identifying the first three-years of streets throughout the City to be resurfaced. On August 27, 2025, the City Council approved a resolution authorizing the City Manager to execute an agreement with Valley Slurry Seal International, Inc. (VSSI) for the 2025 Road Resurfacing Project (Project).

However; as the award of the construction contract for the 2025 Road Resurfacing Project was in late Summer 2025 and construction did not commence on the roadways until April 2026, staff reviewed all roadways again to ensure the originally prescribed treatments remain the most cost effective and appropriate approach for each of the included roadways. Additionally, roadways with high maintenance needs were also reviewed. As a result of these efforts, 3 locations have been recommended for significant modifications or increased treatments:

1) Originally, the PPP did not identify Primrose Drive for resurfacing within any of the three years. However; in 2024, upon review of the roadway, it was determined that resurfacing within the PPP three-year period was necessary. At that time, it was added to the 2027 PPP list to occur within the same program year of other nearby roadways. However, upon continued evaluation and review of the roadway, it is recommended to prioritize resurfacing on Primrose Drive to occur in 2025, prior to the next winter season to prevent further deterioration.

   The estimated cost of pavement repairs, resurfacing and restriping of Primrose Drive is $550,000.

2) The Citrus Heights Police Department front parking lot is also in need of resurfacing. As this is a parking lot, and not a public roadway, it is not included in the PPP but is a city-maintained facility. The parking lot was originally designed with pervious pavement funded as a stormwater water quality demonstration project funded by the State. Due to excessive wear and unraveling of aggregate throughout the lot and inability to re-stripe ADA and parking stalls in its current condition, staff obtained authorization from the State to resurface the lot. It is recommended that this parking lot be resurfaced this calendar year, prior to the next winter season, to prevent further deterioration.

   The estimated cost to resurface and restripe the CHPD parking lot is $77,500 and will be funded with General Capital Replacement Funds, as previously identified in the approved 2025/2026-2029/2030 CIP.

3) Greenback Frontage Road, between Brooktree Drive and Peoria Drive, is already included in the 2025 Road Resurfacing Project but was planned to receive a Type V Fiberized Micro-surface two-layer treatment. However; upon continued review and evaluation, the pavement has degraded to such a point that this treatment is no longer recommended. Rather, a full width mill and fill is recommended to re-establish the roadway structure.

   The estimated net cost to change the resurfacing of this roadway from a Type V Fiberized Micro-surface to a mill and fill is $105,000.

In order to obtain the best resurfacing product available, and to minimize significant degradation of existing pavement, the additional work and modifications is recommended for inclusion in the 2025 Road Resurfacing Project.

## Attachments

1. Resolution No. 2026-___, a Resolution of the City Council of the City of Citrus Heights, California, authorizing the City Manager to execute Change Orders up to 25% of the contract amount with Valley Slurry Seal International, Inc. for the 2025 Road Resurfacing Project and increasing the total authorized construction budget to $10,039,156.25.

**RESOLUTION NO. 2026-___**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CITRUS HEIGHTS, CALIFORNIA, AUTHORIZING THE CITY MANAGER TO EXECUTE CHANGE ORDERS UP TO 25% OF THE CONTRACT AMOUNT WITH VALLEY SLURRY SEAL INTERNATIONAL, INC. FOR THE 2025 ROAD RESURFACING PROJECT AND INCREASING THE TOTAL AUTHORIZED CONSTRUCTION BUDGET TO $10,039,156.25**

**WHEREAS,** on August 27, 2025, the City Council of the City of Citrus Heights, California, authorized the City Manager to execute a construction contract with Valley Slurry Seal International, Inc. for the 2025 Road Resurfacing Project (Project); and

**WHEREAS,** the City wishes to construct additional work in the amount not to exceed $803,132.50 to obtain the best product available and extend the life of the existing pavement on Primrose Drive, Greenback Lane Frontage Road, and the Citrus Heights Police Department front parking lot; and

**WHEREAS,** the City wishes to increase the overall construction budget from $9,236,023.75 to $10,039,156.25 in order to fund the Contract Change Order(s); and

**WHEREAS,** the City wishes to increase the City Manager's authority to execute Contract Change Orders in an aggregate amount up to 25% of the contract amount; and

**WHEREAS,** sufficient General Capital Funds (Fund 330) Senate Bill 1 (SB1) Road Maintenance and Rehabilitation Account (Fund 206) funds are available to cover this budget adjustment for the Project.

**NOW, THEREFORE, BE IT RESOLVED AND ORDERED** by the City Council of the City of Citrus Heights as follows,

1. The City Manager is hereby authorized to execute Contract Change Order(s) up to 25% of the total contract with Valley Slurry Seal, Inc. for the 2025 Road Resurfacing Project.

The City Clerk shall certify the passage and adoption of this Resolution and enter it into the book of original resolutions.

**PASSED AND ADOPTED** by the City Council of the City of Citrus Heights, California, this 13th day of May, 2026 by the following vote, to wit:

**AYES: Council Members:**
**NOES: Council Members:**
**ABSTAIN: Council Members:**
**ABSENT: Council Members:**

**MariJane Lopez-Taff, Mayor**

**ATTEST:**

**Amy Van, City Clerk**

# CITY OF CITRUS HEIGHTS

## CITY COUNCIL STAFF REPORT MEMORANDUM

**DATE:** May 13, 2026

**TO:** Mayor and City Council Members
Ashley J. Feeney, City Manager

**FROM:** Regina Cave, General Services Director
Leslie Blomquist, City Engineer

**SUBJECT:** **Auburn Boulevard Complete Streets, Phase 2 Project**
**Authorize Additional Work**

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The staff report and resolution for this item will be provided to the City Council and posted to the City website under separate cover on Monday, May 11, 2026.

# CITY OF CITRUS HEIGHTS

## CITY COUNCIL STAFF REPORT MEMORANDUM

**DATE:** May 13, 2026

**TO:** Mayor and City Council Members
Ashley J. Feeney, City Manager

**FROM:** Regina Cave, General Services Director
Leslie Blomquist, City Engineer

**SUBJECT:** **Dewey Drive/Van Maren Lane Enhancement Project**
**Final Acceptance and Notice of Completion**

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**Recommendation**

On July 10, 2024, the City Council approved a resolution authorizing the City Manager to execute an agreement with JPB Designs Inc (JPB) for construction of the Dewey Drive/Van Maren Lane Enhancement Project (Project). The contractor has completed all work and the Project has been field accepted by staff

Staff recommends the City Council adopt the following resolution:

1. Resolution No. 2026-___, a Resolution of the City Council of the City of Citrus Heights, California, accepting the Dewey Drive/ Van Maren Lane Enhancement Project as complete and authorizing the City Engineer to record a Notice of Completion and release the contract retention.

**Strategic Plan Alignment**

This item is in alignment with the following City Council priority:

**Goal:** Maintain Public Infrastructure and Enhance All Modes of Transportation

**Fiscal Impact**

There is no fiscal impact associated with this action. The total construction cost of $2,175,808.83, summarized in the table below, is within the Council approved construction budget of $2,522,473.00.

Although the construction came in under budget, the Project took longer to complete than anticipated and the Contractor was subject to liquidated damages. Liquidated damages are governed by Public Contract Code §10226, which states:

*"Every contract shall contain a provision in regard to the time when the whole or any specified portion of the work contemplated shall be completed, and shall provide that for each day completion is delayed beyond the specified time, the contractor shall forfeit and*

*pay…a specified sum of money, to be deducted from any payments due or to become due to the contractor."*

The Contractor took 39 days longer to complete the Project than was prescribed in the contract documents. Section 5-04 of the Project Technical specifications states that each working day beyond the allowable shall cost the contractor $2,600/day. The total liquidated damages amount was withheld from payment on the Contractor's final pay estimate.

Of the $346,664.17 in construction cost savings, $106,851.75 will be used to cover the additional construction management and inspection costs that were incurred due to the increased construction timeline. The remaining $239,812.42 will be reallocated to other eligible capital improvement projects.

**Table 1 – Summary of Final Construction Costs**

| Project Component | Actual Costs ($) |
|---|---|
| Original Contract Amount | 2,193,455.00 |
| Net Contract Change Orders (7) | 83,753.83 |
| Liquidated Damages (39 working days at $2,600/day) | -101,400.00 |
| | |
| **Final Construction Amount** | **2,175,808.83** |

**Table 2 – Project Construction Funding Sources**

| Source Fund | Fund No. | Amount ($) |
|---|---|---|
| Senate Bill 1 (SB 1) Road Maintenance and Rehabilitation Account | 206 | $858,810.81 |
| Storm Water Utility Fund | 209 | $250,000.00 |
| Community Development Block Grant (CDBG) | 234 | $390,246.40 |
| Gas Tax | 205 | $365,924.01 |
| Measure A Maintenance | 210 | $310,827.61 |
| | | |
| **Totals** | | **$2,175,808.83** |

## Background and Analysis

On July 10, 2024, the City Council approved a resolution authorizing the City Manager to execute an agreement with JPB Designs Inc. for the Project. With all field work complete and accepted by staff, the Project is ready for Final Acceptance.

The Dewey Drive/Van Maren Lane Enhancement Project (Project), located between the southern City limits (near Connemara Circle) and Auburn Boulevard included pedestrian, bicycle and vehicular enhancements, including:

- intersection accessibility upgrades
- storm drain upgrades
- traffic calming elements
- bicycle safety upgrades between Connemara Circle
- resurfacing

- new roadway striping

**Attachments**

1) Resolution No. 2025-___, a Resolution of the City Council of the City of Citrus Heights, California, accepting the Dewey Drive/Van Maren Lane Enhancement Project as complete and authorizing the City Engineer to record a Notice of Completion and release the contract retention.

**RESOLUTION NO. 2026-___**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CITRUS HEIGHTS, CALIFORNIA, ACCEPTING THE DEWEY DRIVE/VAN MAREN LANE ENHANCEMENT PROJECT AS COMPLETE AND AUTHORIZING THE CITY ENGINEER TO RECORD A NOTICE OF COMPLETION AND RELEASE THE CONTRACT RETENTION**

**WHEREAS**, on July 10, 2024 the City Council of the City of Citrus Heights, California, authorized the award of a construction contract to JPB Designs Inc. to perform the Dewey Drive/Van Maren Lane Enhancement Project; and

**WHEREAS**, the project was funded with Senate Bill 1 (SB 1) Road Maintenance and Rehabilitation (Fund 206), Storm Water Utility Fund (Fund 209), Community Development Block Grant (CDBG) (Fund 234), Gass Tax (Fund 205), and Measure A Maintenance (Fund 210); and

**WHEREAS**, JPB Designs Inc. has successfully completed the work for the Project.

**NOW THEREFORE BE IT RESOLVED AND ORDERED** by the City Council of the City of Citrus Heights, that the Dewey Drive/Van Maren Lane Enhancement Project is hereby accepted as complete.

**BE IT FURTHER RESOLVED AND ORDERED** that the City Engineer is authorized to record a Notice of Completion for the Dewey Drive/Van Maren Lane Enhancement Project with the Sacramento County Recorder and to release the contract retention after the 35-day lien period.

The City Clerk shall certify the passage and adoption of this Resolution and enter it into the book of original resolutions.

**PASSED AND ADOPTED** by the City Council of the City of Citrus Heights, California, this 13th day of May, 2026 by the following vote, to wit:

**AYES:** **Council Members:**
**NOES:** **Council Members:**
**ABSTAIN:** **Council Members:**
**ABSENT:** **Council Members:**

_____
**MariJane Lopez Taff, Mayor**

**ATTEST:**

_____
**Amy Van, City Clerk**

# CITY OF CITRUS HEIGHTS

## CITY COUNCIL STAFF REPORT MEMORANDUM

**DATE:** May 13, 2026

**TO:** Mayor and City Council Members
Ashley J. Feeney, City Manager

**FROM:** Regina Cave, General Services Director
Leslie Blomquist, City Engineer
Mary Poole, Operations Manager

**SUBJECT:** **Resolution Authorizing Additional Applications for Grant Funding from the Sacramento Area Council of Governments (SACOG) 2026 Federal Funding Programs**

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**Recommendation**

The Sacramento Area Council of Governments (SACOG) has announced three 2026 Federal Funding Cycle Programs (Funding Programs): System Preservation Program, System Performance Program, and Next Generation Solutions & Clean Air Program. The three Funding Programs are open to sponsoring agencies within the six-county SACOG region. As part of the application process, a resolution is required authorizing City staff to submit applications on behalf of the City.

The application process also requires that the city identify priority projects that it may submit for funding under the SACOG 2026 Federal Funding Programs. Staff have identified two additional projects that are eligible for submittal under the System Preservation Program: the Greenback Lane Resurfacing Project (between Birdcage Street and Dewey Drive) and the Auburn Boulevard Resurfacing Project (between Sylvan Corners and the City limits near Manzanita Avenue).

The following table shows the proposed SACOG Regional Funding Program updated priority project list:

| SACOG Federal Funding Program | Purpose | City Priority Projects |
|---|---|---|
| **System Preservation Program** | Invests in maintaining and resurfacing major roadways that keep people and goods moving | - **Greenback Lane Resurfacing Project** (between Birdcage Street and Dewey Drive)<br>- **Auburn Boulevard Resurfacing Project** (between Sylvan Corners and the City limits near Manzanita Avenue). |
| **System Performance Program** | Funds projects that improve how the transportation system functions day-to-day, including roadway and safety improvements, transit upgrades, electric vehicle charging, new bike and pedestrian connections, mobility hubs, and smart-transportation technologies that help manage traffic and improve reliability | - Arcade Cripple Creek Trail (ACCT) Extension – Stock Ranch Center to Sylvan Road<br>- Gateway Activation Project (GAP) - Multi Modal Improvements<br>- San Juan Complete Streets Phase 2 – Multi-Modal Improvements<br>- Sunrise Tomorrow Frontage Improvements |
| **Next Generation Solutions & Clean Air Program** | Supports projects that reduce emissions and improve air quality—such as high-capacity transit, zero-emission vehicles and charging infrastructure, bikeways and trails, Complete Streets, traffic flow improvements, and programs that encourage carpooling, transit use, and other clean transportation options | - Arcade Cripple Creek Trail (ACCT) Extension – Stock Ranch Center to Sylvan Road<br>- Gateway Activation Project (GAP) - Multi Modal Improvements<br>- San Juan Complete Streets Phase 2 – Multi-Modal Improvements<br>- Sunrise Tomorrow Frontage Improvements |

Staff recommends the City Council adopt Resolution 2026-____, a Resolution of the City of Citrus Heights, California, Authorizing the Submittal of Additional Applications for Grant Funding from the Sacramento Area Council of Governments (SACOG) 2026 Federal Funding Programs and Identifying Additional Priority Projects for the Various Funding Programs.

## Strategic Plan Alignment

This item aligns with the Citrus Heights City Council Strategic Plan Three Year Goal:

**Goal**: Maintain Public Infrastructure and Enhance All Modes of Transportation

## Fiscal Impact

There is no impact to the Fiscal Year (FY) 2025/2026 budget. A positive fiscal impact will be realized if funding applications are approved and funds are awarded. Typically, a local match is required for federal grant funds, typically in the form of a percentage match of 11.47% of the overall project or grant award. If the City is awarded funds, the local match amount could be provided with local funds or a combination of local funds and staff time.

## Attachments

1. Resolution No. 2026-_____, A Resolution of the City of Citrus Heights, California, Authorizing the Submittal of Applications for Grant Funding from the Sacramento Area Council of Governments (SACOG) 2026 Federal Funding Programs and Identifying Additional Priority Projects for the Various Funding Programs

**RESOLUTION NO. 2026-___**

**A RESOLUTION OF THE CITY OF CITRUS HEIGHTS, CALIFORNIA, AUTHORIZING SUBMITTAL OF APPLICATIONS FOR GRANT FUNDING FROM THE SACRAMENTO AREA COUNCIL OF GOVERNMENTS (SACOG) 2026 FEDERAL FUNDING PROGRAMS AND IDENTIFYING ADDITIONAL PRIORITY PROJECTS FOR THE VARIOUS FUNDING PROGRAMS**

**WHEREAS**, the Sacramento Area Council of Governments (SACOG) has announced three 2026 Federal Funding Cycle Programs (Funding Programs), which are open to sponsoring agencies within the six-county SACOG region: System Preservation Program, System Performance Program, and Next Generation Solutions & Clean Air Program; and

**WHEREAS**, the System Preservation Program invests in maintaining and resurfacing major roadways that keep people and goods moving; and

**WHEREAS**, the System Performance Program funds projects that improve how the transportation system functions day-to-day, including roadway and safety improvements, transit upgrades, EV charging, new bike and pedestrian connections, mobility hubs, and smart-transportation technologies that help manage traffic and improve reliability; and

**WHEREAS**, the Next Generation Solutions & Clean Air Program supports projects that reduce emissions and improve air quality—such as high-capacity transit, zero-emission vehicles and charging infrastructure, bikeways and trails, Complete Streets, traffic flow improvements, and programs that encourage carpooling, transit use, and other clean transportation options; and

**WHEREAS**, eligible projects for Funding Programs must be listed in the 2025 Blueprint or fit within 2025 Blueprint lump-sum project categories including but not limited to road maintenance and reconstruction, transit vehicle replacements, operational improvements, Intelligent Transportation Systems, and bicycle and pedestrian investments; and

**WHEREAS**, SACOG limits Funding Programs grant applications to no more than three applications per sponsoring agency for any one of the three different Funding Programs to SACOG, up to a maximum of nine total applications per sponsoring agency; and

**WHEREAS**, applicants shall affirm their commitment to delivering projects in accordance with the requirements of Surface Transportation Block Grant (STBG) Program and Congestion Mitigation & Air Quality (CMAQ) Improvement Program, as applicable; and

**WHEREAS**, grant proposals for construction work shall obligate Funding Program dollars for construction activities no later than the end of federal fiscal year 2028-29; and

**WHEREAS**, SACOG will not provide additional federal or state funding in the event that cost overruns are identified; and

**WHEREAS**, project sponsors shall commit to providing local matching dollars, typically 11.47% of the total project cost; and

**WHEREAS**, SACOG requires that if awarded federal funds by the SACOG Board, City of Citrus Heights staff responsible for project delivery must attend quarterly project delivery meetings with SACOG staff to receive assistance until project closeout.

**NOW, THEREFORE, BE IT RESOLVED** by the City of Citrus Heights as follows:

1. The General Services Director, City Engineer or designee is authorized to execute all documents necessary to committing the City of Citrus Heights to federal, state and regional funding and project delivery requirements, including but not limited to abiding by Funding Program guidelines.

2. The City acknowledges that in the event of receiving an award by the SACOG Board of Funding Program dollars, that the City of Citrus Heights will be required to abide by multiple timely use of funding requirements described in Funding Program guidelines and SACOG's Regional Delivery Policies, including but not limited to: obligating federal funding no later than the end of federal fiscal year 2028-2029 for construction activities; committing to securing required local match dollars; acknowledging that SACOG does not cover cost overruns; and committing staff to attend delivery meetings until project closeout.

3. The General Services Director, City Engineer or designee is authorized to submit the following applications for 2026 Six-County Federal Funding Cycle Programs, with a maximum of three applications allowed per funding program area:

4. The following project list includes two additional priority projects to be submitted under any and all funding programs for which they are eligible (Auburn Boulevard and Greenback Lane resurfacing projects:

    - **Auburn Boulevard Resurfacing Project** (between Sylvan Corners and the City limits near Manzanita Avenue) –a priority arterial corridor within the City's Pavement Preservation Program, the project includes resurfacing, striping and transportation safety enhancements where feasible;

    - **Arcade Cripple Creek Trail – Sylvan to Stock Ranch Center Extension** – an extension of the Arcade Cripple Creek Trail, the next phase in the City's citywide trail network;

    - **Gateway Activation Project (GAP)** – On Old Auburn Road, between Wachtel Way and the City's eastern boundary and on Wachtel Way south to the Arcade Cripple Creek Trail, the project includes extension of multi modal facilities, upgraded intersections and improved pedestrian safety and crossings;

    - **Greenback Lane Resurfacing Project** (between Birdcage Street and Dewey Drive) – a priority arterial corridor within the City's Pavement Preservation Program, the project includes resurfacing, striping and transportation safety enhancements where feasible;

    - **San Juan Complete Streets Phase 2** (Greenback Lane to Spicer Drive): a complete streets improvement project including but not limited to multi modal

safety and accessibility improvements, traffic signal upgrades and signal coordination, crossing improvements, lighting improvements, and resurfacing; and

- **Sunrise Tomorrow Specific Plan Frontage Improvement and Related Projects** – transportation capital projects to support the Sunrise Tomorrow Specific Plan implementation, including frontage improvements along Greenback Lane and Sunrise Boulevard, Bus Rapid Transit, the Transit Center and related elements.

The City Clerk shall certify the passage and adoption of this Resolution and enter it into the book of original resolutions.

**PASSED AND ADOPTED** by the City Council of the City of Citrus Heights, California, this 13th day of May, 2026 by the following vote, to wit:

**AYES:** **Council Members:**
**NOES:** **Council Members:**
**ABSTAIN:** **Council Members:**
**ABSENT:** **Council Members:**

**MariJane Lopez-Taff, Mayor**

**ATTEST:**

**Amy Van, City Clerk**

# CITY OF CITRUS HEIGHTS

## CITY COUNCIL STAFF REPORT MEMORANDUM

**DATE:** May 13, 2026

**TO:** Mayor and City Council Members
Ashley J. Feeney, City Manager

**FROM:** Alexander A. Turcotte, Chief of Police
Michael Wells, Police Commander
Wesley Herman, Police Lieutenant
Cassandra Kinnan, Senior Management Analyst

**SUBJECT:** **Approval to Execute an Agreement with Axon Enterprise, Inc. to Purchase an Integrated Public Safety Technology Platform**

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**Recommendation**

Staff recommends the City Council adopt Resolution No. 2026-___ A Resolution of the City Council of the City of Citrus Heights, California, Authorizing the City Manager to Execute a Five-Year Agreement with Axon Enterprise, Inc. for the Purchase and Implementation of an Integrated Public Safety Technology Platform.

**Strategic Plan Alignment**

This item is in alignment with the following City Council priority:

> **Goal:** Preserve & Enhance Public Safety
> **Objective:** Transition the digital evidence platform (officer supporting camera technologies) to a new vendor to align with best practices and requirements for evidence retention.

**Fiscal Impact**

The proposed agreement with Axon Enterprise, Inc. for an integrated public safety technology platform has a total contract cost of $2,666,879 over a five-year term. Staff is requesting City Council authorize a contract amount not to exceed $2,900,000 to provide flexibility for the potential addition of cameras, equipment, or related services during the life of the agreement should operational needs evolve.

Approximate Costs of the Various Components are as follows:

| Item | Cost (w/Tax) |
|---|---|
| Body Worn Cameras | $ 906,674.92 |
| In Car Cameras | $ 594,707.08 |
| Taser 10 | $ 403,046.28 |
| Interview Room Cameras | $ 47,745.12 |
| Digital Evidence Platform | $ 637,605.60 |
| Training/Implementation | $ 77,100.00 |
| **Contract Cost** | **$ 2,666,879.00** |

The requested not-to-exceed amount represents a funding ceiling rather than an initial contract award, and expenditures beyond the base contract amount would only occur if needed and as authorized. Sufficient funding has been identified to support the full not-to-exceed amount, and any additional purchases would be made in accordance with the City's budget and procurement policies.

There is no anticipated impact to the City's General Fund.
The Police Department plans to fund the contract using a combination of legislatively guaranteed Citizen's Option for Public Safety (COPS) Program funds and the Department's State and Federal Asset Forfeiture accounts.

The funding plan includes the allocation of COPS annual funding over the five-year term of the contract. The remaining contract costs will be supported through available balances within the Department's State and Federal Asset Forfeiture funds, which are restricted for law enforcement purposes.

Approval of the agreement will allow the Department to implement the technology platform while utilizing dedicated public safety and risk management funding sources.

## Background and Analysis

As the expiration of the Department's current body-worn camera contract approaches, staff conducted a review of available public safety technology vendors to identify a long-term solution capable of supporting the Department's operational, evidentiary, and transparency needs. The evaluation included vendors that provide body-worn cameras, in-car camera systems, conducted energy weapons, interview room recording technology, and digital evidence management platforms.

While several companies offer body-worn camera systems or individual components of these technologies, staff determined that Axon Enterprise, Inc. is currently the only vendor that provides a fully integrated ecosystem including body-worn cameras, in-car fleet cameras, conducted energy weapons, interview room recording systems, and a unified digital evidence management platform.

## Integrated Technology Ecosystem

Modern law enforcement operations generate significant volumes of digital evidence from multiple sources, including body-worn cameras, in-car cameras, interview rooms, and other investigative technologies. When these systems operate independently, staff must manually manage files across multiple platforms, increasing administrative workload and creating inefficiencies.

The Axon platform integrates these technologies into a centralized, cloud-based evidence management system. Evidence is automatically uploaded, categorized, securely stored, and made available for redaction and sharing with prosecutors and partner agencies. The system also maintains detailed audit trails and chain-of-custody records to ensure evidentiary integrity. Consolidating these systems into a single platform would significantly improve operational efficiency while reducing administrative burden for sworn personnel, investigators, and professional staff.

## Transparency, Accountability, and Liability Protection

Body-worn cameras and in-car camera systems play an important role in promoting transparency and accountability in law enforcement operations. Video documentation provides an objective record of interactions between officers and members of the public, which can help clarify the facts of an incident and support fair and accurate investigations.

Recorded footage is frequently used in criminal prosecutions, internal investigations, and administrative reviews. Video evidence can also assist in resolving citizen complaints and often provides valuable documentation that protects officers from unfounded allegations of misconduct.

In addition, maintaining reliable video documentation can reduce potential liability exposure for the City by ensuring that incidents are accurately documented and preserved. The availability of video evidence provides greater clarity during legal proceedings and strengthens the City’s ability to respond to claims involving police operations.

## In-Car Camera Systems and Risk Management

The proposed platform includes in-car camera (ICC) systems, which complement body-worn cameras by capturing events from a broader perspective during traffic stops, pursuits, and other field operations.

While body-worn cameras document interactions from the officer’s viewpoint, in-car systems provide a wider field of view and capture activity that may occur outside the officer’s immediate line of sight, including during the transport of arrested individuals. This additional perspective is particularly valuable during dynamic incidents when officers may be moving, separated, taking cover, or unable to manually activate their body-worn cameras.

In-car camera systems have proven especially valuable in several high-risk areas:

- **Pursuit-Related Fatalities and Wrongful Death Claims:** ICC footage provides critical documentation demonstrating adherence to policy and appropriate officer conduct.
- **In-Custody Allegations:** Video evidence serves as an objective record of interactions during transport, protecting both the Department and officers from unfounded claims.
- **Officer-Involved Shootings (OIS):** ICC systems provide broader situational context that may not be fully captured by body-worn cameras.

Recent court proceedings have further demonstrated that judges, juries, prosecutors, and defense attorneys increasingly expect the availability of in-car video evidence. The absence of such evidence may be perceived as a gap in modern policing practices, potentially impacting credibility and case outcomes.

National guidance reinforces this expectation. The International Association of Chiefs of Police, in partnership with the Bureau of Justice Assistance, has identified in-car camera systems as a critical component of modern policing strategies, improving transparency, performance, and public trust while mitigating liability.

Given these considerations, implementation of ICC systems represents a proactive investment in risk reduction. The cost of deployment is offset by the potential to reduce civil liability exposure and strengthen the defense of claims involving police operations.

*Axon Fleet 3 In-Car Video System*
An advanced camera system for patrol cars that improves officer safety, increases transparency, and makes police operations more efficient.

Key features include:

- **Automatic & Reliable Recording:** Cameras turn on automatically during emergencies and can capture wide-angle views inside and outside the car, even at night. It also reads license plates automatically and can retrieve the last 24 hours of video if needed.
- **Real-Time Monitoring & Easy Access:** Supervisors can watch live video and track vehicle location. Footage uploads automatically via wireless connection to secure storage, reducing paperwork.
- **Full Integration:** Works seamlessly with officers' body cameras and includes a wireless microphone for clear audio, creating one complete record of events.

This system provides a comprehensive, connected solution that enhances evidence collection, officer safety, and operational effectiveness.

**Replacement of Existing Evidence Systems**

The Police Department currently utilizes SIRE to store and manage digital files related to investigations and evidence. This system was implemented more than a decade ago and has not been supported by the vendor for more than ten years. As a result, the system lacks many of the capabilities now considered standard in modern digital evidence management platforms.

Unlike modern evidence management systems, SIRE was not designed to manage large volumes of digital video, audio, and photographic evidence generated by body-worn cameras and other

recording devices, less common when that system was created. Additionally, the SIRE system requires significant manual processes to upload, organize, and store files, which increases administrative workload and presents long-term sustainability concerns.

Transitioning to Axon's digital evidence management platform would provide the Department with a modern system designed specifically for law enforcement use and would allow us to fully integrate into the District Attorney's preferred digital evidence sharing platform for use in case prosecution. This is the standard for all agencies in Sacramento Couty. The platform allows for secure cloud-based storage, automated evidence uploads from recording devices, improved search capabilities, redaction tools, and secure sharing of evidence with prosecutors and partner agencies.

*Community Link*

In addition, the platform includes Axon Community Link functionality, which incorporates Axon Community Request capabilities allowing officers to send secure digital links to community members so they can directly upload relevant video, photos, or other digital evidence into the system, reducing delays and improving evidence collection efficiency. The platform also integrates My90, enabling the Department to gather real-time feedback from community members following interactions with officers, supporting data-driven decision-making, enhancing accountability, and strengthening community trust.

Additionally, the system includes Axon's retail crime solution powered by Auror, which enables real-time collaboration between law enforcement and participating retailers by providing structured incident data, suspect information, and shared evidence from retail partners. This integration allows officers to more quickly identify repeat organized retail offenders, analyze crime patterns, and prioritize high-impact cases, while streamlining evidence collection through secure digital transfer of video, images, and reports directly into the Department's evidence platform. Collectively, these tools enhance the Department's ability to prevent, investigate, and resolve crimes while strengthening partnerships with both the community and local businesses.

**Conducted Energy Weapon Modernization**

The proposed technology platform acquisition also includes the TASER 10, the newest generation conducted energy weapon designed to provide officers with an effective less-lethal option during potentially dangerous encounters that extends further than our current Taser generation device thus providing additional distance and safety to officers.

The Department's current conducted energy weapons are older models that are no longer supported by the manufacturer. As these devices age, maintenance and replacement parts become increasingly difficult to obtain, creating reliability concerns for equipment that officers rely upon in critical situations.

In addition to the lack of manufacturer support, older conducted energy weapon models do not provide the same performance capabilities as newer technology. The Taser 10 offers improved probe deployment, greater operational reliability and distance, and enhanced overall performance compared to previous models. These improvements increase the likelihood of successful less-

lethal deployment in situations where officers must quickly gain control of a subject while minimizing the potential for serious injury.

Providing officers with updated less-lethal tools supports the Department's commitment to resolving incidents safely whenever possible and reducing the likelihood of injury to officers, subjects, or members of the public.

**Operational Efficiency and Vendor Consolidation**

The Department currently relies on multiple systems and vendors to manage its recording technologies and digital evidence storage. Maintaining separate systems requires additional administrative oversight, training, and technical support. Moving to the Axon platform would allow the Department to consolidate multiple technologies under a single vendor and platform. This consolidation would simplify system management, reduce administrative workload for personnel, improve reliability, and ensure compatibility between devices and evidence management systems.

**Cooperative Purchasing Through Sourcewell**

The proposed purchase would be made through a cooperative purchasing contract administered by Sourcewell, a government service cooperative that conducts competitive solicitations on behalf of public agencies nationwide.

Sourcewell issues requests for proposals, evaluates vendor responses, and awards contracts to qualified vendors through a competitive procurement process. Public agencies may utilize these contracts without conducting their own independent solicitation while remaining compliant with public procurement requirements and local purchasing policies.

Utilizing the Sourcewell contract provides several advantages to the City, including:

- Compliance with competitive procurement requirements through a nationally solicited contract
- Access to pre-negotiated pricing and standardized contract terms
- Reduced administrative time and cost associated with conducting a separate bid process
- The ability to implement the technology prior to the expiration of the Department's current body-worn camera contract

**Competitive Procurement Considerations**

Although the City typically conducts competitive solicitations for major purchases, staff determined that issuing a separate request for proposals would not likely produce a vendor capable of providing the same fully integrated ecosystem currently offered by Axon. While other vendors offer body-worn cameras or evidence storage solutions, staff did not identify another provider that offers the complete suite of technologies required by the Department—including body-worn cameras, in-car cameras, conducted energy weapons, interview room recording

systems, and a unified digital evidence management platform that together works seamlessly without the need for multiple administrative steps.

Because the Sourcewell contract has already been competitively solicited and evaluated, and because Axon is currently the only vendor providing the full integrated technology ecosystem required by the Department, staff determined that utilizing the cooperative purchasing contract represents the most efficient and practical procurement method.

## Attachments

1. Resolution No. 2026-___ A Resolution of the City Council of the City of Citrus Heights, California, Authorizing the City Manager to Execute a Five-Year Agreement with Axon Enterprise, Inc. for the Purchase and Implementation of an Integrated Public Safety Technology Platform

**RESOLUTION NO. 2026-___**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CITRUS HEIGHTS, CALIFORNIA, AUTHORIZING THE CITY MANANGER TO EXECUTE A FIVE-YEAR AGREEMENT WITH AXON ENTERPRISE, INC. FOR THE PURCHASE AND IMPLEMENTATION OF AN INTERGRATED PUBLIC SAFETY TECHNOLOGY PLATFORM**

**WHEREAS,** the Police Department's current body-worn camera contract is set to expire in October 2026 following five years of service, and staff has reviewed available public safety technology vendors to identify a solution that meets operational, evidentiary, and transparency requirements; and

**WHEREAS,** staff has determined that Axon Enterprise, Inc. is the only vendor providing a fully integrated technology ecosystem that includes body-worn cameras, in-car camera systems, conducted energy weapons (TASER 10), interview room recording equipment, digital evidence management services, related equipment, software, accessories, and support services; and

**WHEREAS**, the proposed agreement with Axon Enterprise, Inc. has a total contract cost of $2,666,879 over a five-year term, and staff requests authorization for a not-to-exceed amount of $2,900,000 to allow for potential additional equipment and operational needs; and

**WHEREAS**, funding for the agreement will come from the Police Department's legislatively guaranteed Citizen's Option for Public Safety (COPS) Program funds and the Department's State and Federal Asset Forfeiture accounts, both restricted for public safety purposes; and

**WHEREAS,** the Police Department currently relies on outdated and unsupported evidence management and conducted energy weapon systems, and implementation of the Axon platform will modernize the Department's technology, improve operational efficiency, enhance transparency, and reduce liability risk; and

**WHEREAS,** Sourcewell, a cooperative purchasing organization, has competitively solicited and awarded a contract to Axon Enterprise, Inc., which allows the City to utilize the contract without conducting a separate competitive bid process while remaining in compliance with the City's purchasing policies.

**NOW THEREFORE BE IT RESOLVED AND ORDERED** that the City Council of the City of Citrus Heights does hereby resolve as follows:

- The City Manager is authorized to execute a five-year agreement with Axon Enterprise, Inc. for the purchase and implementation of an integrated public safety technology platform in an amount not to exceed $2,900,000.
- The City Manager, or designee, is authorized to pursue and accept additional non-General Fund funding sources, including grant opportunities, increases in Citizen's Option for Public Safety (COPS) Program funding, and other eligible public safety funding streams, to offset the cost of the agreement.

- The City Manager, or designee, is authorized to execute amendments, administrative changes, and related documents to the agreement, provided such changes remain within the authorized not-to-exceed amount and are consistent with the City's purchasing policies.

The City Clerk shall certify the passage and adoption of this Resolution and enter it into the book of original resolutions.

**PASSED AND ADOPTED** by the City Council of the City of Citrus Heights, California, this 13th day of May 2026 by the following vote, to wit:

**AYES:** **Council Members:**
**NOES:** **Council Members:**
**ABSTAIN:** **Council Members:**
**ABSENT:** **Council Members:**

**MariJane Lopez-Taff, Mayor**

**ATTEST:**

**Amy Van, City Clerk**

# CITY OF CITRUS HEIGHTS

## CITY COUNCIL STAFF REPORT MEMORANDUM

**DATE:** May 13, 2026

**TO:** Mayor and City Council Members
Ashley J. Feeney, City Manager

**FROM:** Amy Van, City Clerk

**SUBJECT:** **Approval of Administrative Amendments to the City Council Handbook**

---

**Recommendation**

Staff recommends the City Council adopt Resolution No. 2026-___ A Resolution of the City Council of the City of Citrus Heights, California, approving administrative amendments to the City of Citrus Heights City Council Handbook.

**Strategic Plan Alignment**

This item is in alignment with the following City Council priority:

**Goal:** Enhance Community Vibrancy and Engagement

**Fiscal Impact**

There is no fiscal impact associated with this action.

**Background and Analysis**

At the April 8, 2026 City Council meeting, two members of Council requested a future agenda item be scheduled to consider establishing a policy regarding written public comments. Specifically, related to written comments submitted by the public are distributed to the City Council and attached to the meeting record rather than read aloud.

The Brown Act requires that meeting agendas allow members of the public to speak on any item. The City Council may adopt reasonable regulations, including a speaker time limit and procedures for written public comment.

The City Council previously approved a City Council Handbook that serves as a point of reference and outlines the fundamental responsibilities of councilmembers. The City periodically updates the City Council Handbook to reflect current Council policy. Staff is recommending to make minor administrative changes to the handbook that are outlined in this report.

*Order of Business – Public Comment*
Chapter 8 of the handbook discusses City Council meetings including public comment procedures. Currently, members of the public may address the City Council on any item within their subject matter jurisdiction or on any item on the agenda. The City has also historically accepted written public comments for inclusion as part of the public record. In many instances, written comments have been attached to agenda items but not read aloud during the meeting. Additionally, during the COVID-19 pandemic, the City began accepting written public comments that were read into the record by the City Clerk. The City Council has expressed a desire to amend the public comment procedures related to written public comments.

The proposed draft handbook amendment to Chapter 8 are indicated below:

> *4.* ***Public Comment****:* Individuals desiring to speak are to address the Council from the speaker podium after giving their name.
>
> Comments should focus on a specific matter within the Council's jurisdiction with reasons for the position taken. Written comments are encouraged during the public comments section or during public hearings. When materials are presented during public hearings, they should be submitted before the public hearing is closed on the item. Comments may be limited so that all have an opportunity to address the Council. Normally, speakers are limited to ~~five~~ three minutes each with 30 minutes being allowed for all comments. Any public comments beyond the initial 30 minutes may be heard at the conclusion of the agenda. The Mayor has the discretion to lengthen or shorten the allotted times. Alternatively, the public may submit written public comments by 4:00 p.m. on the meeting day by completion of an online Speaker Card. Written comments will not be read during the City Council meeting but will be forwarded to all Council Members and become part of the public record. Additionally, a~~A~~ny materials submitted during public comments (or for public hearings) become part of the public record and may be subject to disclosure under the Public Records Act. This includes, but is not limited to PowerPoint presentations, videos, letters and photographs.

*Administrative Changes*
Staff has made various administrative changes to the handbook to reflect current processes, policies and resources available to Council Members including:

- Chapter 2 – Revisions to the list of current City commissions and boards to reflect changes to the Building Code Board of Appeals and the addition of the Youth Advisory Commission.

**Attachments**

1. Resolution No. 2026-___ A Resolution Approving Amendments to the City Council Handbook

**RESOLUTION NO. 2026- ___**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CITRUS HEIGHTS, CALIFORNIA, APPROVING ADMINISTRATIVE AMENDMENTS TO THE CITY COUNCIL HANDBOOK**

**WHEREAS**, the City Council adopted a City of Citrus Heights City Council Handbook on April 12, 2007, which contains general City Council procedures and guidelines; and

**WHEREAS**, the City Council adopted amendments to the City of Citrus Heights City Council Handbook on April 24, 2008, October 27, 2016, October 10, 2019, and October 8, 2020; and

**WHEREAS**, administrative amendments have been made to the handbook to reflect current processes, policies and resources available to Council Members; and

**WHEREAS**, the purpose of the handbook is to outline the fundamental responsibilities of the City Council Members, to orient new Council Members, and serve as a point of reference in the event that general questions arise; and

**WHEREAS,** in addition to administrative amendments, the public comment procedures related to written public comment are amended to state, "Alternatively, the public may submit written public comments by 4:00 p.m. on the meeting day by completion of an online Speaker Card. Written comments will not be read during the City Council meeting but will be forwarded to all Council Members and become part of the public record".

**WHEREAS**, the handbook is not all inclusive nor is it intended to supersede any local, state or federal laws and is intended to be a dynamic document and will be amended from time-to-time.

**NOW THEREFORE BE IT RESOLVED AND ORDERED** that the City Council of the City of Citrus Heights does hereby approve the amendments to the City of Citrus Heights City Council Handbook that is on file with the City Clerk's Office.

The City Clerk shall certify the passage and adoption of this Resolution and enter it into the book of original resolutions.

**PASSED AND ADOPTED** by the City Council of the City of Citrus Heights, California, this 13th day of May 2026 by the following vote, to wit:

**AYES: Council Members:**
**NOES: Council Members:**
**ABSTAIN: Council Members:**
**ABSENT: Council Members:**

_____
**MariJane Lopez-Taff, Mayor**

**ATTEST:**

_____
**Amy Van, City Clerk**

# CITY OF CITRUS HEIGHTS

## CITY COUNCIL STAFF REPORT MEMORANDUM

**DATE:** May 13, 2026

**TO:** Mayor and City Council Members
Ashley J. Feeney, City Manager

**FROM:** Casey Kempenaar, Community Development Director
Regina Cave, General Services Director
Leslie Blomquist, City Engineer
Alison Bermudez, Senior Planner
Marisa Brown, Communications Officer

**SUBJECT:** **Gateway Activation Project Amendments to the Bikeway Master Plan, Pedestrian Master Plan, General Plan Bikeways Map and adoption of Mitigated Negative Declaration**

---

**Recommendation**

The Gateway Activation Project (GAP) is a vital step in fulfilling the City's General Plan goals of creating a well-connected, safe, and sustainable "Complete Streets" network. By closing critical gaps between local and regional trails, this project transforms the Old Auburn Road and Wachtel Way corridors into a cohesive multimodal spine. The proposed amendments ensure that the City's regulatory documents remain consistent with these planned infrastructure improvements, facilitating future grant eligibility and construction.

The Planning Commission recommends that the City Council approve the Project with the following motion:

> Adopt Resolution 2026-____, A Resolution of the City Council of the City of Citrus Heights, California, adopting the Mitigated Negative Declaration, adopting the Mitigation Monitoring Plan, and adopting the updated Bikeway Master Plan, Pedestrian Master Plan and the General Plan Bikeway Map incorporating the Gateway Activation Project.

**Strategic Plan Alignment**

This item is in alignment with the following City Council priority:

> **Goal:** Maintain Public Infrastructure and Enhance All Modes of Transportation
> **Objective:** Present the Gateway Activation Project (GAP) to the City Council with a summary of the Community Feedback received.

## Fiscal Impact

The Gateway Activation Project (GAP) is supported by a state budget allocation received in 2022 through former Assemblymember Ken Cooley's office. This allocation has fully funded the project's development to date, with the specific intent of advancing multi-use trail connections. While construction funds have not yet been identified, adopting these formal plan amendments will better position the City to secure the necessary grants and additional funding for final design and construction of the trail extension. It is anticipated that the construction of the project will be grant funded.

## Background and Analysis

The City of Citrus Heights has maintained a long-standing commitment to enhancing mobility beginning with the first Bikeway Master Plan in the early 2000s and continuing through the 2011 General Plan update. In 2014, the City Council constructed the Old Auburn Multi-Use Trail and accepted the Creek Corridor Trail Project, which prioritized specific trail segments for integration into the City's formal regulatory documents.

In 2022, the City Council authorized the Arcade Cripple Creek Trail Project and secured a state allocation to develop the Gateway Activation Project (GAP). The GAP serves as a vital "missing link," connecting the Old Auburn Multi-Use Trail, the Arcade Cripple Creek Trail, and the future Dry Creek Greenway in Roseville. The location of the GAP project area is shown below in orange:

***Project Location***




Beyond expanding the trail network, the project is designed to resolve significant traffic safety and operational challenges along the Old Auburn Road corridor. The current infrastructure suffers from Level of Service (LOS) F conditions during peak hours, excessive travel speeds, and discontinuous sidewalks. To address these issues, the Project includes a "Complete Streets" design intended to improve safety and accessibility for all modes of travel along this corridor.

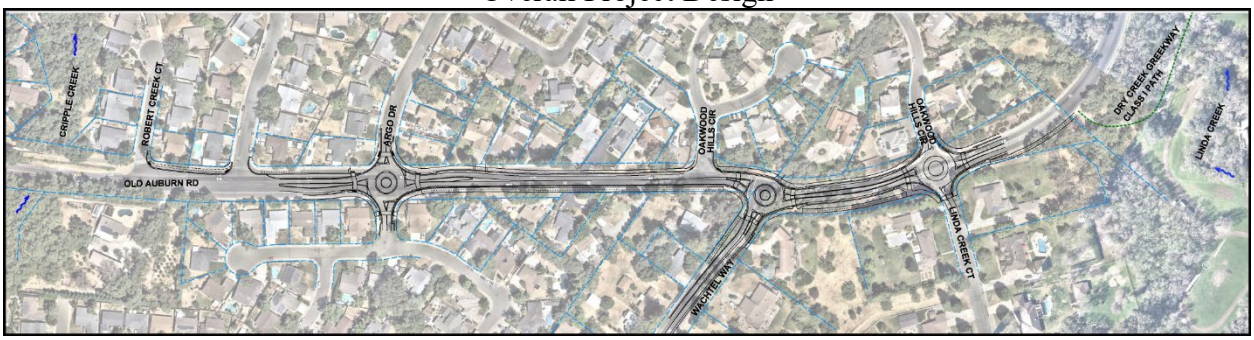
The City Council reviewed the project alternatives and provided their preferred direction at their meeting on June 25, 2025. Following a comprehensive presentation on the alternative analysis and selection phase, the Council directed staff to proceed with preliminary engineering and the environmental review process. The project design below incorporates the following features:

- Three New Roundabouts: Located at Old Auburn Road/Argo Drive, Old Auburn Road/Wachtel Way, and Old Auburn Road/Oakwood Hills Circle/Linda Creek Court to improve traffic flow and safety.

- Class I/Class IV Multi-Use Paths: Extending along Old Auburn Road and Wachtel Way to provide separated, high-comfort facilities for all users.

- Regional Connectivity: Formalizing a critical multimodal spine that links local neighborhoods to regional trail systems in Roseville and Sacramento County.

Overall Project Design




*Community Engagement*
Community engagement has been a central pillar in the development of the Gateway Activation Project. Throughout 2025 and early 2026, the City conducted extensive outreach to ensure the project reflects the needs and concerns of residents, including:

- Public Meetings & Workshops: Two well-attended in-person workshops (April 2025 and March 2026), a pop-up event along the Old Auburn Multi-Use Trail in May 2025, and a formal City Council update in June 2025.

- Direct Outreach: Over 250 mailers were sent to property owners within 500 feet of the project area for the Planning Commission and City Council hearings. Staff also held numerous one-on-one meetings with community members.

- Digital Access: A dedicated project webpage (www.citrusheights.net/GAP) provided continuous access to maps, documents, and meeting summaries.

- Public Comments: During the 30-day environmental review period, six public comments were received. While residents expressed concerns regarding noise and privacy—leading to requests for additional fencing, the overall feedback was supportive of the project's goals.

*Tree Impacts and Mitigation*
The proposed infrastructure improvements will require the removal of some existing trees within the project corridor to accommodate the new shared-use paths and roundabouts. While preliminary assessments have identified potential impacts, the final number and specific location of tree removals will be determined during the final design phase as engineering plans are refined. To offset these impacts, the project will adhere to the requirements of the Mitigation Monitoring Plan (MMP) and the City's Tree Preservation Ordinance. This includes implementing a robust replanting strategy or utilizing in-lieu fees to ensure that the corridor's canopy and environmental quality are maintained or enhanced upon project completion.

*Right-of-Way Estimates*
To accommodate the new "Complete Streets" infrastructure, including the three proposed roundabouts and the expanded Class I shared-use paths, some additional right-of-way acquisition will be required. While the specific square footage for each affected parcel will be finalized during the design phase, the project has been engineered to follow the existing corridor as closely as possible to keep impacts to private property minimal. Most acquisitions are expected to be limited to "sliver" takes or small corner adjustments at the affected intersections. The City will work closely with all impacted property owners through a formal appraisal and negotiation process to ensure fair compensation once final design specifications are established.

*Planning Commission Hearing*
The Planning Commission held a public hearing on April 14, 2026, to review the Gateway Activation Project and the associated regulatory updates. The Commission found the proposed amendments to be in full conformance with the General Plan, noting that the project directly advances the City's goals for safety, mobility, and connectivity. After reviewing the evidence presented, the Commission supported the findings required to amend the Bikeway Master Plan, Pedestrian Master Plan, and General Plan Bikeway Map. The Commission voted unanimously (5-0) to forward a recommendation of approval to the City Council.

## Environmental Review

In accordance with the California Environmental Quality Act (CEQA), an Initial Study with Proposed Mitigated Negative Declaration (IS/MND) was prepared. The Draft IS/MND was circulated for a 30-day public review from February 13 to March 19, 2026.

The IS/MND concluded that with the implementation of the Mitigation Monitoring Plan (MMP), the project will not have a significant effect on the environment. Mitigation measures have been established for the following categories:

- Biological, Cultural, and Tribal Cultural Resources.
- Geology, Soils, and Hydrology.
- Hazards, Population and Housing, and Transportation/Traffic.

These measures will be officially incorporated into the final project plans and construction specifications as the City moves into the design and construction phases.

## Attachments

1. Resolution No. 2026-____: A Resolution of the City Council of the City of Citrus Heights adopting the Mitigated Negative Declaration, adopting the Mitigation Monitoring Plan, and adopting the updated Bikeway Master Plan, Pedestrian Master Plan, and General Plan Bikeway Map.
   Exhibit A: Mitigated Negative Declaration (IS/MND) with Mitigation Monitoring Plan (MMP).
   Exhibit B: Pedestrian Master Plan Amendment.
   Exhibit C: Bikeway Master Plan Amendment.
   Exhibit D: General Plan Bikeway Map Amendment.
2. Proposed GAP Project Improvements: Conceptual design and trail alignment maps.
3. Alternatives Analysis: Summary of intersection and corridor options evaluated.
4. Community Outreach Summaries: Documentation from workshops held on 04/29/2025 and 03/05/26.
5. Public Comments: Correspondence received during the environmental review period.
6. Link to Planning Commission Staff Report

**Attachment 1**

**RESOLUTION NO. 2026-____**

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CITRUS HEIGHTS, CALIFORNIA, ADOPTING THE INITIAL STUDY/MITIGATED NEGATIVE DECLARATION AND MITIGATION MONITORING PLAN FOR THE GATEWAY ACTIVATION PROJECT; ADOPTING THE UPDATED BIKEWAY MASTER PLAN, THE PEDESTRIAN MASTER PLAN AND THE GENERAL PLAN BIKEWAY MAP TO INCOPRPORATE THE GATEWAY ACTIVATION PROJECT**

**WHEREAS,** the City of Citrus Heights has proposed the Gateway Activation Project (Project), which will construct multimodal and roadway improvements along Old Auburn Road and Wachtel Way; and

**WHEREAS,** the Project will improve a .45-mile section of Old Auburn Road from the Sacramento County line south to Roberts Creek Court and on Wachtel Way from Old Auburn Road south approximately .61 miles to the eastern terminus of the Arcade-Cripple Creek Trail at Wachtel Way; and

**WHEREAS,** the Project will incorporate Complete Street elements to serve bicyclists, pedestrians, and motorists; and

**WHEREAS,** the Project will incorporate intersection improvements to facilitate traffic circulation including the construction of three roundabouts; and

**WHEREAS,** the city held two community meetings, a pop-up event, a public discussion at a City Council meeting, and met with several individuals to solicit feedback about the proposed project. A public workshop was held for the Gateway Activation Project Mitigated Negative Declaration during the public comment period, which ran between February 13, 2026 and March 19, 2026; and

**WHEREAS**, on April 14, 2026, the Gateway Activation Project was presented to the Planning Commission at a publicly noticed meeting; at this meeting the Planning Commission reviewed and forwarded a recommendation to the City Council to approved the Mitigated Negative Declaration, the proposed General Plan Bikeway Master Plan, Pedestrian Master Plan, and Bikeway Map; and

**WHEREAS,** the Citrus Heights City Council serves as the Lead Agency for the Gateway Activation Project; and

**WHEREAS,** the City Council held a public hearing on May 13, 2026, wherein public testimony was taken and based upon the Initial Study, comments received, and substantial evidence in the whole of the city's administrative record for the Project, the City Council is able to conclude that potential impacts could be avoided or reduced to a level of insignificance by the mitigation measures set forth in the revised Initial Study and Mitigated Negative Declaration; and

**WHEREAS,** the fees in the amount of $3,093.75 associated with the filing of the Notice of Determination with the County Clerk will be paid for using grant funding associated with the Project.

**NOW, THEREFORE, BE IT RESOLVED AND ORDERED** that the Citrus

Heights City Council hereby finds as follows:

**Findings for a Mitigated Negative Declaration:**

1. An Initial Study was prepared for the Gateway Activation Project and proper notice and opportunity for public review and comment was provided in accordance with the California Environmental Quality Act (CEQA) and CEQA Guidelines and local guidelines.

2. That based upon the Initial Study, and the substantial evidence in the city's administrative record, potential impacts resulting from the Project have been identified. Mitigation measures have been proposed in the Initial Study and agreed to by the city within the Mitigation Monitoring Program that will, when implemented, reduce all potential impacts to a less than significant level. In addition, there is no substantial evidence in the record before the city that supports a fair argument that the Project, as conditioned and mitigated, could have any residual significant effect on the environment.

3. That the Project does not have the potential to have a significant adverse impact on wildlife resources as defined in the State Fish and Game Code, either individually or cumulatively and is not exempt from Fish and Game filing fees.

4. That the Project is not located on a site listed on any Hazardous Waste Site List compiled by the State pursuant to Section 65962.5 of the California Government Code.

5. That the City Council reviewed the Initial Study and considered public comments before making a recommendation on the project.

6. That a Mitigation Monitoring Program has been prepared to ensure compliance with the adopted mitigation measures, which Mitigation Monitoring Program was considered by the City Council and which Mitigation Monitoring Program is made a part of this Resolution.

7. That the Initial Study/Mitigated Negative Declaration prepared concerning the Gateway Activation Project reflects the independent judgment and analysis of the City Council of the City of Citrus Heights.

8. The City Council hereby adopts as "final" the Gateway Activation Project Mitigated Negative Declaration comprised of the draft Mitigated Negative Declaration (attached as Exhibit A) with the minor modifications identified below, and the Mitigation Monitoring Plan (attached as Exhibit B)

9. That the record of proceedings of the decision on the Project is available for public review at the City of Citrus Heights Community Development Department, 6360 Fountain Square Drive, Citrus Heights, California during normal business hours.

**BE IT FURTHER RESOLVED** that the Citrus Heights City Council, in reference to the potential impacts identified in the Initial Study, hereby adopts the Mitigated Negative Declaration prepared for the Gateway Activation Project including the mitigation measures (contained within the attached Mitigated Negative Declaration and Mitigation Monitoring Program) and included in this Resolution by reference.

**BE IT FURTHER RESOLVED** that the Citrus Heights City Council hereby approves the Gateway Activation Project and amends the City's long-range plans for bicycle and pedestrian improvements as depicted in Exhibits B through D, which include:

- The Citrus Heights Bikeway Master Plan,
- The Pedestrian Master Plan; and
- The Citrus Heights General Plan Bikeway Map.

The City Clerk shall certify the passage and adoption of this Resolution and enter it into the book of original resolutions.

**PASSED AND ADOPTED** by the City Council of the City of Citrus Heights, California, this 13th day of May 2026 by the following vote, to wit:

**AYES: Council Members:**
**NOES: Council Members:**
**ABSTAIN: Council Members:**
**ABSENT: Council Members:**

**MariJane Lopez-Taff, Mayor**

**ATTEST:**

**Amy Van, City Clerk**

**Exhibits**

A: Final Initial Study and Mitigated Negative Declaration with Mitigation Monitoring Plan
B: Pedestrian Master Plan Amendment
C: Bikeway Master Plan Amendment
D: General Plan Bikeway Map Amendment

# FINAL INITIAL STUDY/ WITH MITIGATED NEGATIVE DECLARATION

## CITRUS HEIGHTS GATEWAY ACTIVATION PROJECT

### CITY OF CITRUS HEIGHTS, CALIFORNIA




**APRIL 2026**

CITRUS HEIGHTS
CALIFORNIA

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# FINAL INITIAL STUDY
# WITH MITIGATED NEGATIVE DECLARATION

## CITRUS HEIGHTS GATEWAY ACTIVATION PROJECT

City of Citrus Heights, California

Submitted to:

City of Citrus Heights
6360 Fountain Square Drive
Citrus Heights, CA 95621

Prepared by:

Dokken Engineering
110 Blue Ravine Road, Suite 200
Folsom, California 95630

April 2026

CITRUS HEIGHTS CALIFORNIA

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## General Information About This Document

The Draft Initial Study/Mitigated Negative Declaration (IS/MND) was circulated for public review for a 30-day period from February 16, 2026, through March 19, 2026, in accordance with the requirements of the California Environmental Quality Act (CEQA). This Final IS/MND incorporates revisions made in response to comments received during the public review period. All changes to the Draft IS/MND are identified using track changes for ease of reference.

For individuals with sensory disabilities, this document can be made available in Braille, in large print, on audiocassette, or on computer disk. To obtain a copy in one of these alternate formats, please call or write to City of Citrus Heights, Planning Division, Attn: Casey Kempenaar, Senior Planner, 6360 Fountain Square Drive, Citrus Heights, CA 95621, (916) 727-4764.

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## INTRODUCTION

This Initial Study with Mitigated Negative Declaration was prepared for the Citrus Heights Gateway Activation Project (Project). The Project proposes to construct multimodal and roadway improvements along Old Auburn Road and Wachtel Way in northern Sacramento County (**Figure 1 Project Vicinity**, **Figure 2 Project Location**, and **Figure 3 Project Features**). The Project is intended to provide Complete Street elements to serve bicyclists, pedestrians, and motorists as well as intersection improvements to facilitate traffic circulation along these roads.

The Project proposes improvements on a 0.45-mile section of Old Auburn Road from the Sacramento County line south to Roberts Creek Court and on Wachtel Way from Old Auburn Road south approximately 0.61 miles to the Woodside Oaks Park segment of the Arcade-Cripple Creek Trail. The Project is located within the Folsom USGS 7.5-minute quadrangle, in Sacramento County, specifically in Sections 17, 18, 19, and 20, Township 10 North, Range 7 East.

The City of Citrus Heights is the CEQA lead for this project. This IS/MND relies on CEQA Guidelines §15064 in its determination of the significance of environmental effects. According to §15064, the finding as to whether a project may have one or more significant effects shall be based on substantial evidence in the record, and that controversy alone, without substantial evidence of a significant effect, does not trigger the need for an EIR.

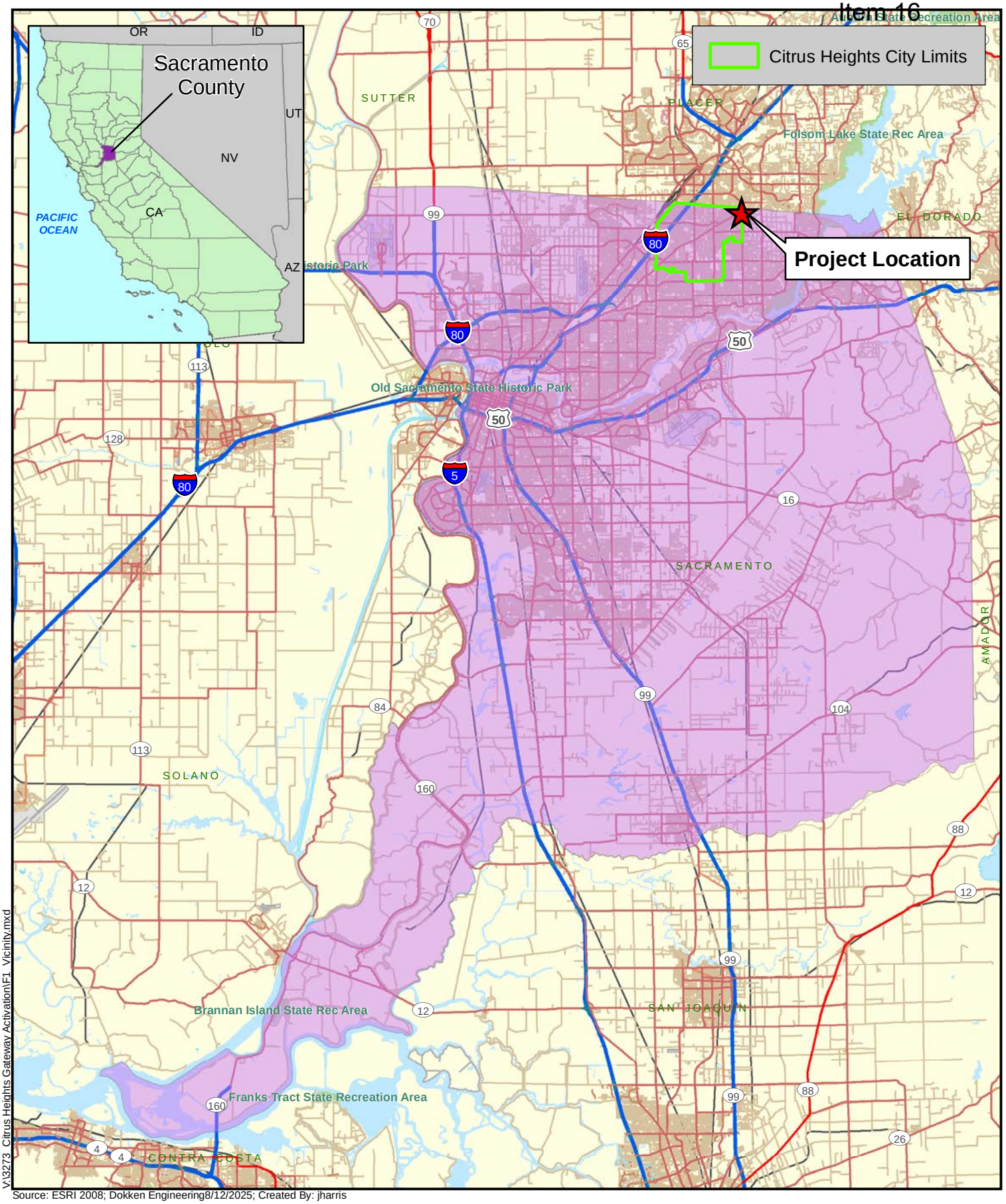
## PROJECT BACKGROUND

### Purpose

The purpose of the Project is to address traffic congestion and strengthen connectivity along Old Auburn Road and Wachtel Way by improving intersection operations, linking to existing bicycle and pedestrian infrastructure, and establishing future connections to planned facilities in nearby jurisdictions, such as the City of Roseville and Sacramento County. The Project aims to improve vehicular traffic circulation, enhance safety, accessibility, and mobility for all users by incorporating complete street elements that promote convenient and comfortable travel to key destinations, including neighborhoods, parks, open spaces, and regional trail systems. Planned improvements will improve traffic circulation and close gaps in pedestrian and bicycle networks along both roads by installing roundabouts, upgrading intersections, adding pedestrian crossings, enhancing streetscapes, and creating connections to current and future local and regional multi-use paths.

### Need

In the City's northeast residential area, ongoing efforts have focused on expanding the bicycle and pedestrian network through new trails, bike lanes, and safer roadway crossings. Aligned with the City's Bicycle and Pedestrian Master Plans, the Project aims to enhance accessibility and safety along key corridors and improve the broader transportation system. Currently, the area has gaps in the regional trail network and limited links between existing and planned bikeways. This Project will address these deficiencies by closing infrastructure gaps, improving mobility and safety, and encouraging non-motorized travel for both commuters and recreational users.



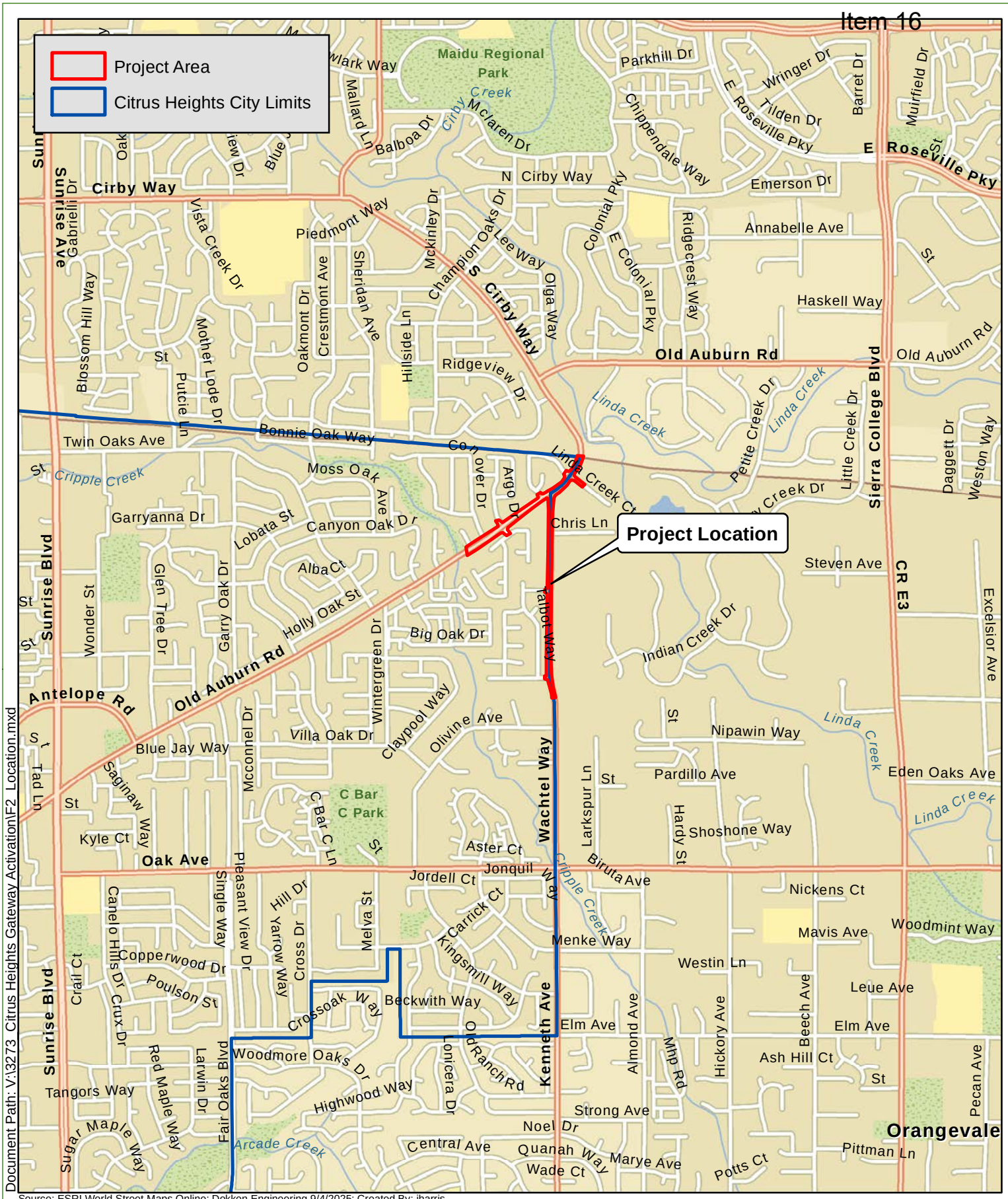

V:\3273_Citrus Heights Gateway Activation\F1_Vicinity.mxd

Source: ESRI 2008; Dokken Engineering8/12/2025; Created By: jharris

0 5 10 15 Miles

**FIGURE 1**
**Project Vicinity**

Gateway Activation Project
Citrus Heights, Sacramento County, California
Agenda Packet Page #103




Source: ESRI World Street Maps Online; Dokken Engineering 9/4/2025; Created By: jharris

Document Path: V:\3273 Citrus Heights Gateway Activation\F2 Location.mxd

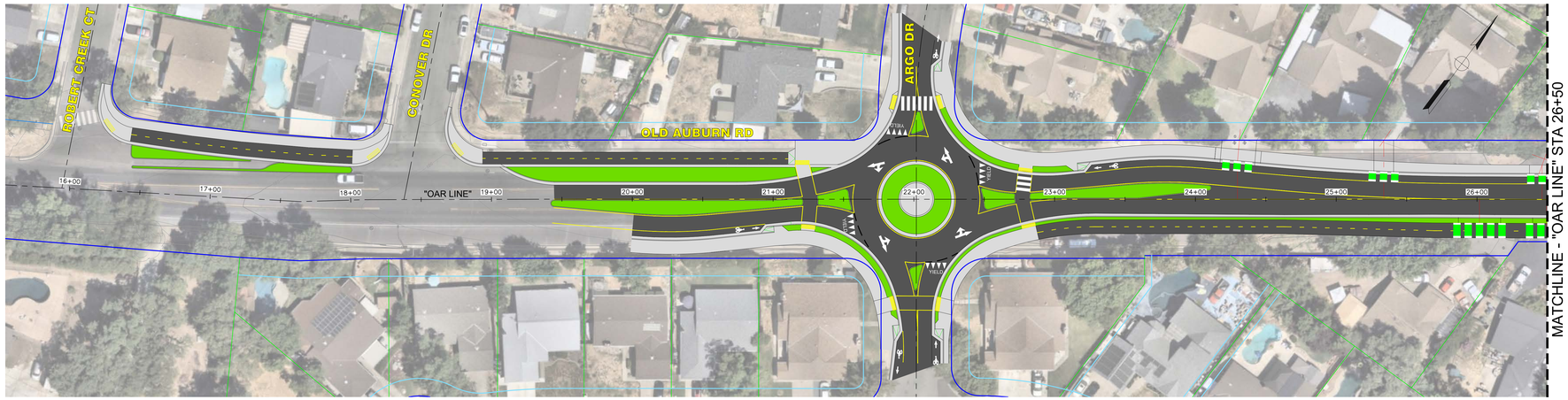
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**FIGURE 2**
**Project Location**

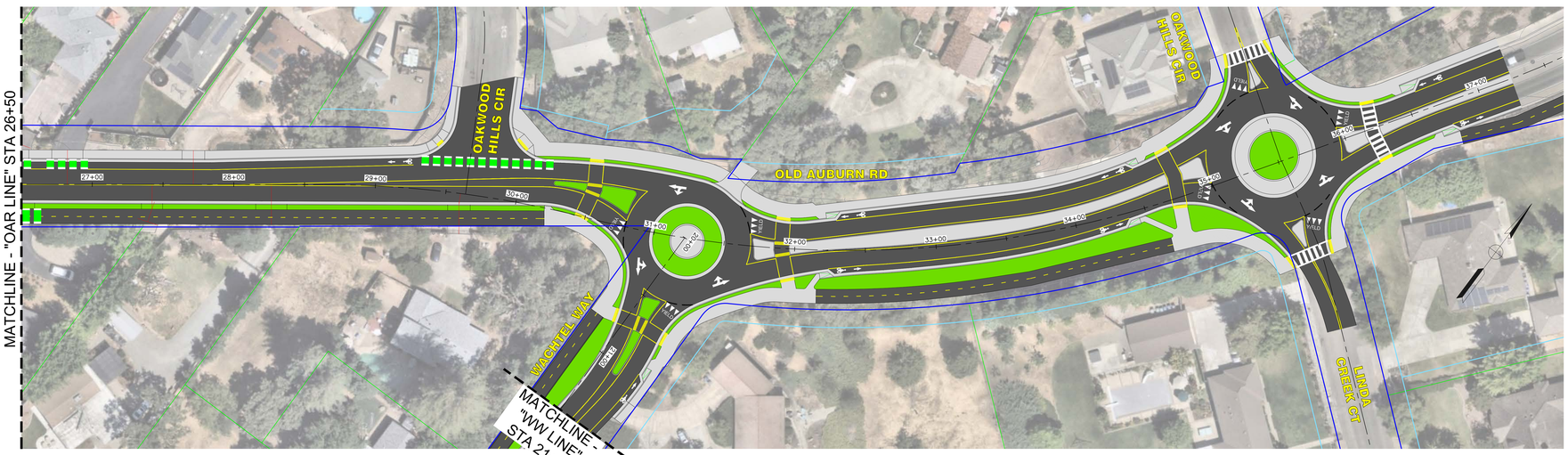
Citrus Heights Gateway Activation Project
Citrus Heights, Sacramento County, California
Agenda Packet Page #104

# Figure 3. Project Features

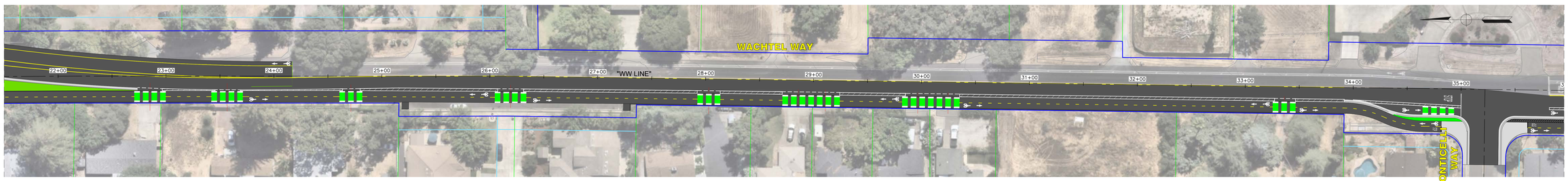
Citrus Heights Gateway Activation Project
Citrus Heights, Sacramento County, Califronia



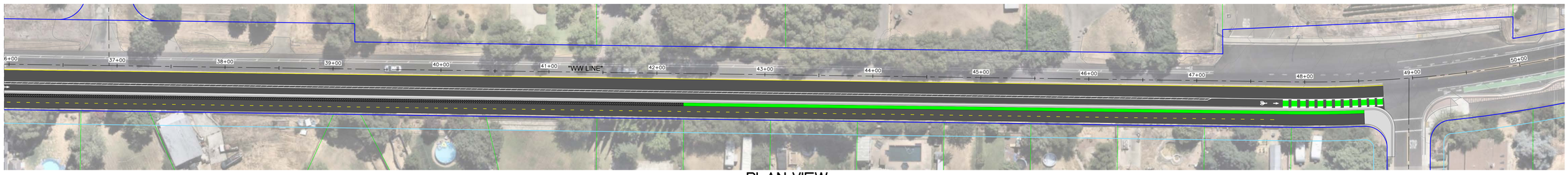

PLAN VIEW
SCALE 1" = 30'




PLAN VIEW
SCALE 1" = 30'




PLAN VIEW
SCALE 1" = 30'




PLAN VIEW
SCALE 1" = 30'

## LEGEND:

PROPOSED

- ASPHALT
- SIDEWALK
- LANDSCAPING
- STRIPING
- PAVEMENT MARKINGS
- BIKE LANE
- BIKE RAMP
- PATHWAY
- CURB RAMP

EXISTING

- RIGHT OF WAY
- CENTERLINE
- LOT LINES
- EASEMENTS

0 30 60 Feet

# CITY OF CITRUS HEIGHTS

## INITIAL STUDY CHECKLIST

CEQA requires the Lead Agency to examine the effects of a project on the physical conditions that exist within the area that would be affected by the project. CEQA also requires a discussion of any inconsistency between the proposed project and applicable general plans and regional plans.

An inconsistency between the proposed project and an adopted plan for land use development in a community would not constitute a physical change in the environment. When a project diverges from an adopted plan, however, it may affect planning in the community regarding infrastructure and services, and the new demands generated by the project may result in later physical changes in response to the project.

In the same manner, the fact that a project brings new people or demand for housing to a community does not, by itself, change the physical conditions. An increase in population may, however, generate changes in retail demand or demand for governmental services, and the demand for housing may generate new activity in residential development. Physical environmental impacts that could result from implementing the proposed project are discussed in the appropriate technical sections.

This section of the initial study identifies the applicable land use designations, plans and policies, and permissible densities and intensities of use, and discusses any inconsistencies between these plans and the proposed project. This section also discusses agricultural resources and the effect of the project on these resources.

For the purposes of this document, the City of Citrus Heights General Plan EIR (2011b) was referenced.

## SECTION 1.0 - BACKGROUND

1. Project Title: Citrus Heights Gateway Activation Project

2. Lead Agency:
City of Citrus Heights
Planning Division
6360 Fountain Square Drive
Citrus Heights, CA 95621

3. Contact Person:
Casey Kempenaar, MPA, AICP
Community Development Director
Planning Division
6360 Fountain Square Drive
Citrus Heights, CA 95621
Phone: (916) 727-4764
E-mail: ckempenaar@citrusheights.net

4. Project Location: The Project is located within the City of Citrus Heights in Sacramento County, California. The Project proposes improvements on Old Auburn Road from the Sacramento County line south to Roberts Creek Court and on Wachtel Way from Old Auburn Road south to the Arcade-Cripple Creek Trail. The project lies within the Folsom USGS 7.5-minute quadrangle, in Sacramento County, specifically in Sections 17, 18, 19, and 20, Township 10 North, Range 7 East.

5. Applicant: City of Citrus Heights (City)

6. General Plan: City of Citrus Heights General Plan EIR (2011b).

7. Zoning: The zoning adjacent to Old Auburn Road and Wachtel Way is mostly residential, namely RD2, RD3, and RD5. The zoning in unincorporated Sacramento County east of Wachtel Way is agricultural-residential.

8. Description of Project: The City proposes to construct multimodal and roadway improvements along Old Auburn Road and Wachtel Way in Citrus Heights. The purpose of the Project is to address traffic congestion along Old Auburn Road, enhance connectivity to existing bicycle and pedestrian infrastructure, and provide future linkages to planned facilities in neighboring jurisdictions, including the City of Roseville and Sacramento County.

The proposed improvements include intersection enhancements such as roundabouts, as well as the installation of pedestrian and bicycle facilities such as multi-use pathways, Class IV bikeways, crosswalks, sidewalks, and Americans with Disabilities Act (ADA)-compliant curb ramps. The Project includes amending the Bikeway Master Plan, Pedestrian Master Plan, and the General Plan Bikeway Map to incorporate these new bicycle and pedestrian segments. These improvements are needed to address traffic congestion along Old Auburn Road as well as current deficiencies in pedestrian and bicycle access along Old Auburn Road and Wachtel Way.

The proposed Project includes bicycle and pedestrian improvements along Wachtel Way, extending from the Arcade-Cripple Creek Trail just south of Pitalo Way to Old Auburn Road. Along Old Auburn Road, improvements will extend from Robert Creek Court to the boundary line with the City of Roseville. The Project also includes intersection improvements at Argo Drive and Old Auburn Road, focusing on the addition of a pedestrian crossing and enhanced safety features. Additionally, safety and traffic flow improvements have been evaluated at three closely spaced intersections—Oakwood Hills Circle, Wachtel Way, and Oakwood Hills Circle/Linda Creek Court—addressing issues such as intersection interactions and the difficulty of making a left turn from Oakwood Hills Circle onto Old Auburn Road.

The Project consists of constructing roundabouts at the Argo Drive, Wachtel Way, and Oakwood Hills Circle/Linda Creek Court intersections (**Figure 3. Project Features**). The proposed improvements would involve excavation, limited to areas necessary for constructing roundabouts, street lighting, a retaining wall, and sidewalks, ADA-compliant curb ramps, and bicycle facilities. Proposed grading for the roundabouts, sidewalks, and bike trail construction will range from 1-3 feet deep. Street light foundations, if required depending on alternative, will range between 5-10 feet deep. Any drainage relocations could result in up to 4 feet of ground disturbance. Retaining walls will require up to 8-10 feet of ground disturbance.

Partial road closures are anticipated during construction; however, access to all residences will be maintained at all times. The Project will require permanent right-of-way (ROW) acquisitions where existing ROW is insufficient to accommodate new facilities. Temporary construction

easements will be required to support construction activities. Utility relocations will be necessary where existing infrastructure conflicts with the proposed improvements. Construction is scheduled to begin in the summer of 2027 and is expected to take approximately six months to complete.

Need

In the City's northeast residential area, ongoing efforts have focused on expanding the bicycle and pedestrian network through new trails, bike lanes, and safer roadway crossings. Aligned with the City's Bicycle and Pedestrian Master Plans, the Project aims to enhance accessibility and safety along key corridors and improve the broader transportation system. Currently, the area has gaps in the regional trail network and limited links between existing and planned bikeways. This Project will address these deficiencies by closing infrastructure gaps, improving mobility and safety, and encouraging non-motorized travel for both commuters and recreational users.

Purpose

The purpose of the Project is to strengthen connectivity within the City by linking to existing bicycle and pedestrian infrastructure and establishing future connections to planned facilities in nearby jurisdictions, such as the City of Roseville and Sacramento County. The Project aims to enhance safety, accessibility, and mobility for all users by incorporating complete street elements that promote convenient and comfortable travel to key destinations, including neighborhoods, parks, open spaces, and regional trail systems. Planned improvements include closing gaps in pedestrian and bicycle networks along both roads, upgrading intersections, adding pedestrian crossings, enhancing streetscapes, and creating connections to current and future local and regional multi-use paths.

**Anticipated Construction Equipment**

Typical construction equipment would include the following:

- Crane
- Backhoe
- Excavator
- Concrete saw (removal of existing road)
- Cement truck
- Paver
- Rollers
- Motor grader
- Dump truck
- Light tools (i.e., saws, jackhammer)

Most construction related noise would occur during the road improvements. This operation would likely include noise from concrete hammers and jackhammers. All construction work for the project will comply with the City of Citrus Heights Standard Construction Specifications (or Best Management Practices).

**Utilities**

There are existing overhead utility lines along portions of both Old Auburn Road and Wachtel Way. The utilities include electric (SMUD), gas (PG&E): telecommunication and internet (AT&T, Comcast, and Consolidated Communications); sewer (Sacramento Regional Sanitation District and Sacramento Area Sewer District); storm drain and street lighting (City of Citrus Heights); and water (Citrus Heights Water District). Trenching depths of six (6) feet or more will be required in some locations for underground utilities. Private easements may be required for additional utility company facilities.

**Permits**

The permits, reviews and approvals listed below in **Table 1** are required for project construction.

**Table 1. Required Permits, Reviews and Approvals**

| Responsible Agency | Permit/Approval | Status |
|---|---|---|
| Regional Water Quality Control Board | National Pollutant Discharge Elimination System General Permit 2022-0057-DWQ for Storm Water Discharges Associated with Construction Activity | Coverage will be obtained prior to construction. |
| City of Citrus Heights | Tree Removal Permit | A tree permit will be obtained for tree removal along the multi-use trail prior to construction. |

**Coordination Efforts:**

The proposed project area exceeds one acre, therefore a National Pollutant Discharge Elimination System (NPDES) 402 General Permit for Storm Water Discharges Associated with construction activity will be obtained prior to construction. No further permits are required for this project.

9. Surrounding Land Uses and Setting:

Old Auburn Road is classified in the General Plan as a major collector street that, east of Fair Oaks Boulevard, is a 2 Lane Moderate Access Control roadway. It is adjacent to local streets and residences.

## SECTION 2.0 – ADDITIONAL ENVIRONMENTAL FACTORS AFFECTED

The Initial Study is also intended to assess whether any environmental effects of the project are susceptible to substantial reduction or avoidance by the choice of specific revisions in the project, by the imposition of conditions, or by other means [15152(b)(2)] of the California Environmental Quality Act (CEQA) Guidelines. If such revisions, conditions, or other means are identified, they will be identified as mitigation measures.

This Initial Study relies on State CEQA Guidelines 15064 and 15604.4 in its determination of the significance of environmental effects. According to 15064, the findings as to whether a project may have one or more significant effects shall be based on substantial evidence in the record, and that controversy alone, without substantial evidence of a significant effect, does not trigger the need for an EIR.

This Proposed Mitigated Negative Declaration is a subsequent environmental document that tiers off the General Plan Program EIR, therefore impacts that were adequately addressed in the General Plan EIR do not need to be repeated in this Proposed Mitigated Negative Declaration.

The Citrus Heights Gateway Activation Project Proposed Mitigated Negative Declaration is a subsequent environmental document to the General Plan EIR. As such, this MND incorporates all applicable mitigation measures adopted with the Final EIR for the General Plan. The following is a summary of additional mitigation measures that were not included in the General Plan EIR. These measures, along with applicable measures from the General Plan EIR that are listed in Section 4.0, will be adopted in a Mitigation, Monitoring, and Reporting Plan for the Citrus Heights Gateway Activation Project Proposed Mitigated Negative Declaration.

### CCHGP EIR MITIGATION MEASURES INCORPORATED WITHIN THE PROPOSED PROJECT

The following are additional mitigation measures applicable to the proposed project that were not included within the City of Citrus Heights General Plan EIR:

**Mitigation Measure 4.7-7: Discovery of Potential Paleontological Resources**
If potential paleontological resources are detected by construction workers or City staff during construction of future land uses, work shall stop immediately, and consultation is required to avoid further impacts. Actions after work stoppage will be designed to avoid significant impacts to the greatest extent feasible. These measures could include, but are not limited to, construction worker personnel education, consultation with a qualified paleontologist, coordination with experts on resource recovery and curation of specimens, and/or other measures considered appropriate after further consultation.

### ADDITIONAL MITIGATION MEASURES INCORPORATED WITHIN THE PROPOSED PROJECT

The following are additional mitigation measures applicable to the proposed project that were not included within the City of Citrus Heights General Plan EIR:

***Air Quality***

**AQ-1**: Implement SMAQMD Basic Construction Emission Control Practices, where feasible:

- Water all exposed surfaces two times daily. Exposed surfaces include (but are not limited to) soil piles, graded areas, unpaved parking areas, staging areas, and access roads.
- Cover or maintain at least 2 feet of freeboard space on haul trucks transporting soil, sand, or other loose material on the site. Any haul trucks that would be traveling along freeways or major roadways shall be covered.
- Use wet power vacuum street sweepers to remove any visible trackout mud or dirt onto adjacent public roads at least once a day. Use of dry power sweeping is prohibited.

- Limit vehicle speeds on unpaved roads to 15 miles per hour.
- All roadway, driveway, sidewalk, and parking lot paving should be completed as soon as possible. In addition, building pads should be laid as soon as possible after grading unless seeding or soil binders are used.
- Minimize idling time either by shutting equipment off when not in use or reducing the time of idling to 5 minutes [required by California Code of Regulations, Title 13, sections 2449(d)(3) and 2485]. Provide clear signage that posts this requirement for workers at the entrances to the site.
- Provide current certificate(s) of compliance for CARB's In-Use Off-Road Diesel-Fueled Fleets Regulation [California Code of Regulations, Title 13, sections 2249 and 2449.1].

***Biological Resources***

**BIO-1:** Prior to the start of construction activities, the Project limits within environmentally sensitive areas (oak woodlands), will be marked with high visibility Environmentally Sensitive Area (ESA) fencing or staking to ensure construction will not further encroach into sensitive resources.

**BIO-2:** Contract specifications will include the following Best Management Practices (BMPs), where applicable, to reduce erosion during construction:

1. Exposed soils and material stockpiles would be stabilized, through watering or other measures, to prevent the movement of dust at the Project site caused by wind and construction activities such as traffic and grading activities;
2. All vehicle and equipment fueling/maintenance would be conducted outside of oak woodland habitat;
3. Equipment used in and around oak woodland habitat must be in good working order and free of dripping or leaking contaminants;
4. Raw cement, concrete or concrete washings, asphalt, paint or other coating material, oil or other petroleum products, or any other substances that could be hazardous to wildlife shall be prevented from contaminating the soil;
5. All erosion control measures would be properly maintained throughout construction;
6. All construction materials would be hauled off-site after completion of construction.

**BIO-3:** All onsite refueling and maintenance must occur over plastic sheeting, drip pans, or other secondary containment measures to capture accidental spills before they can contaminate the soil. Secondary containment must have a raised edge (e.g. sheeting wrapped around wattles).

**BIO-4:** A chemical spill kit must be kept onsite at all times during work and must be easily accessible for use in the event of a spill.

**BIO-5:** In accordance with the City of Citrus Heights Tree Preservation and Protection Regulations, protected trees within the Project footprint will be preserved to the extent feasible. For trees removed for the multiuse trail, a tree permit will be obtained from the City prior to construction. Tree impact and avoidance measures shall be incorporated into the final design of the improvement plans. A certified arborist shall consult and make recommendations for design treatments, modifications, and construction techniques to minimize tree removal and construction impacts.

**BIO-6:** Prior to arrival at the Project site and prior to leaving the Project site, construction equipment that may contain invasive plants and/or seeds will be cleaned to reduce the spreading of noxious weeds.

**BIO-7:** If project-related activities, including vegetation removal or initial ground disturbance, are scheduled during the nesting bird season (February 1 – August 31) a pre-construction nesting bird survey must be conducted by a biologist prior to the start of work. The nesting bird survey must include the Project

area plus a 100-foot buffer. Within 2 weeks of the nesting bird survey, all areas surveyed by the biologist must be cleared by the contractor or a supplemental nesting bird survey is required.

An approximate 100-foot no-disturbance buffer will be established around any active nest of migratory birds, and an approximate 300-foot no-disturbance buffer will be established around any nesting birds of prey species. The contractor must immediately stop work in the buffer area until the appropriate buffer is established and is prohibited from conducting work within the buffer until the biologist has determined that the nestlings have fledged and are foraging independently. A reduced buffer, or other avoidance strategies, can be established if deemed appropriate by the City and biologist.

**BIO-8:** All food-related trash must be disposed of into closed containers and must be removed from the Project area daily. Construction personnel must not feed or otherwise attract wildlife or feral animals to the Project area.

**BIO-9:** If any wildlife (e.g., amphibians, birds, mammals, reptiles, etc.) are encountered during the course of construction, said wildlife shall be allowed to leave the construction area unharmed.

***Cultural Resources***

**CR-1:** Prior to construction, cultural resource awareness and sensitivity training shall be provided to all construction crew members to ensure that the crew members are aware of the potential for sensitive cultural resources to be present onsite. The awareness and sensitivity training would also include an established protocol for informing the resident engineer of any accidentally discovered cultural resources.

Treatment of Discoveries:

**CR-2:** If significant historical, paleontological, archaeological, or tribal cultural resources are discovered within the APE, ground disturbing activities shall be suspended 100 feet around the resource(s). The archaeological monitor, a representative of the appropriate Native American Tribe(s) (if discovery is prehistoric), and the City shall confer regarding mitigation of the discovered resource(s). All discovered archaeological resources should be documented by field notation, analysis, photography, and GPS mapping. Work shall not resume in the area until mitigation has been completed, or it has been determined that the archaeological resource(s) is not significant.

Disposition of Discoveries:

**CR-3:** If human remains are encountered, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the Coroner would notify the Native American Heritage Commission (NAHC), which would determine and notify a Most Likely Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 48 hours of notification by the NAHC. The MLD may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials.

**CR-4:** In the event that Native American cultural resources are inadvertently discovered during the course of construction, the City shall relinquish ownership of all Native American cultural resources, including sacred items, burial goods, and all archaeological artifacts and non-human remains as part of the required mitigation for impacts to Native American cultural resources. Prior to relinquishment, all discovered archaeological resources should be documented by field notation, photography, and GPS mapping. After consultation with the appropriate Native American Tribe(s), non-destructive analysis may be conducted.

***Geology and Soils***

**GEO-1:** The Proposed Project will comply with the City's Stormwater Discharge Control Measures, listed in the City's Municipal Code (Chapter 98. Article V), which will adequately control erosion and effectively prohibit non-stormwater discharges (City of Citrus Heights 2025b). To prevent the substantial soil erosion or the loss of topsoil post-construction, the Project design will comply with the Sacramento Stormwater Quality Partnership's Stormwater Quality Design Manual for the Sacramento Region (SQDM) to adequately control erosion.

***Hazards and Hazardous Material***

**HM-1:** Any leaking transformers observed during the course of the project should be considered a potential polychlorinated biphenyl (PCB) hazard. Should leaks from electrical transformers (that will either remain within the construction limits or require removal and/or relocation) be encountered during construction, the transformer fluid should be sampled and analyzed by qualified personnel for detectable levels of PCBs. Should PCBs be detected, the transformer should be removed and disposed of in accordance with Title 22, Division 4.5 of the California Code of Regulations and any other appropriate regulatory agency. Any stained soil encountered below electrical transformers with detectable levels of PCB's should also be handled and disposed of in accordance with Title 22, Division 4.5 of the California Code of Regulations and any other appropriate regulatory agency.

**HM-2:** To avoid impacts from pavement striping during construction it is recommended that removal requirements for yellow striping and pavement marking materials be performed in accordance with Caltrans Standard Special Provision 14-11.07 REMOVE YELLOW TRAFFIC STRIPE AND PAVEMENT MARKING WITH HAZARDOUS WASTE RESIDUE.

**HM-3:** As is the case for any project that proposes excavation, the potential exists for unknown hazardous contamination to be revealed during project construction (such as previously undetected petroleum hydrocarbon contamination from nearby gas stations). Should any previously unknown hazardous waste/material be encountered during construction, the procedures outlined in Caltrans Hazards Procedures for Construction shall be followed.

**HM-4:** If the project area changes (due to a change in the proposed project design or staging area), further investigation for potential hazardous waste generators would be required to determine their impact to the revised project limits.

***Hydrology/Water Quality***

**HYD-1:** The proposed Project would require coverage under the NPDES General Construction Permit for Discharges of storm water associated with construction activities (2022 Construction Stormwater General Permit, Order 2022-0057-DWQ). A Storm Water Pollution Prevention Plan (SWPPP) would also be developed and implemented as part of the Construction General Permit. This SWPPP will incorporate all applicable BMPs to ensure that adequate measures are taken during construction to minimize impacts to water quality.

***Noise***

**NOI-1:** The Contractor shall follow City of Citrus Heights noise ordinance for construction activities:

- Do not exceed 65 dBA at 50 feet from the job site activities from 8 p.m. to 7 a.m.
- Use an alternative waiting method instead of a sound signal unless required by safety laws.
- Equip an internal combustion engine with the manufacturer-recommended muffler.
- Do not operate an internal combustion engine on the job site without the appropriate muffler.

***Population and Housing***

**PH-1:** Property Compensation: All real property transactions shall comply with the property acquisition and relocation standards of the State of California. Property owners shall be compensated in accordance with fair market values based on appraisals.

***Traffic***

**TRA-1:** Temporary impacts to traffic flow as a result of construction activities would be minimized through construction phasing, signage, and a traffic control plan.

***Tribal Cultural Resources***

**CR-1:** Prior to construction, cultural resource awareness and sensitivity training shall be provided to all construction crew members to ensure that the crew members are aware of the potential for sensitive cultural resources to be present onsite. The awareness and sensitivity training would also include an established protocol for informing the resident engineer of any accidentally discovered cultural resources.

Treatment of Discoveries:

**CR-2:** If significant historical, paleontological, archaeological, or tribal cultural resources are discovered within the APE, ground disturbing activities shall be suspended 100 feet around the resource(s). The archaeological monitor, a representative of the appropriate Native American Tribe(s) (if discovery is prehistoric), and the City shall confer regarding mitigation of the discovered resource(s). All discovered archaeological resources should be documented by field notation, analysis, photography, and GPS mapping. Work shall not resume in the area until mitigation has been completed, or it has been determined that the archaeological resource(s) is not significant.

Disposition of Discoveries:

**CR-3:** If human remains are encountered, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the Coroner would notify the Native American Heritage Commission (NAHC), which would determine and notify a Most Likely Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 48 hours of notification by the NAHC. The MLD may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials.

**CR-4:** In the event that Native American cultural resources are inadvertently discovered during the course of construction, the City shall relinquish ownership of all Native American cultural resources, including sacred items, burial goods, and all archaeological artifacts and non-human remains as part of the required mitigation for impacts to Native American cultural resources. Prior to relinquishment, all discovered archaeological resources should be documented by field notation, photography, and GPS mapping. After consultation with the appropriate Native American Tribe(s), non-destructive analysis may be conducted.

## SECTION 3.0 - ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

| | | |
|---|---|---|
| ☐ Aesthetics | ☐ Agriculture / Forestry Resources | ☒ Air Quality |
| ☒ Biological Resources | ☒ Cultural Resources | ☐ Energy |
| ☒ Geology /Soils | ☐ Greenhouse Gas Emissions | ☒ Hazards & Hazardous Materials |
| ☒ Hydrology / Water Quality | ☐ Land Use / Planning | ☐ Mineral Resources |
| ☒ Noise | ☒ Population / Housing | ☐ Public Services |
| ☐ Recreation | ☒ Transportation | ☒ Tribal Cultural Resources |
| ☐ Utilities / Service Systems | ☐ Wildfire | ☒ Mandatory Findings of Significance |

Based on the analysis presented in this Initial Study, it has been determined that for resource areas not checked above, the proposed project would not result in any significant impacts that cannot be mitigated to a less-than-significant level or are not sufficiently addressed by the City of Citrus Heights General Plan EIR. This Initial Study has concluded that the project would incrementally contribute to, but not exceed, certain significant impacts previously identified in the General Plan EIR, and that for such impacts, no new mitigation measures, other than those previously identified in the General Plan EIR, are required.

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the Proposed Project have been made by or agreed to by the applicant. A MITIGATED NEGATIVE DECLARATION will be prepared. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the proposed project MAY have a "Potentially Significant Impact" or "Potentially Significant Unless Mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

| | |
|---|---|
| Signature | Date |
| Name | City of Citrus Heights<br>Organization |

## SECTION 4.0 - ENVIRONMENTAL CHECKLIST

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **I. AESTHETICS – Except as provided in Public Resources Code Section 21099, would the project:** | | | | |
| a. Have a substantial adverse effect on a scenic vista? | | | | X |
| b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings along a scenic highway? | | | X | |
| c. In nonurbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality? | | X | | |
| d. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area? | | | X | |

***Regulatory Setting***

CEQA establishes that it is the policy of the state to take all action necessary to provide the people of the state "with…enjoyment of aesthetic, natural, scenic and historic environmental qualities (CA Public Resources Code Section 21001[b])."

Chapter 106.39 of the Citrus Heights Zoning Code provides regulations for the protection, preservation, and maintenance of protected trees. The ordinance protects native oak trees, oak woodlands, trees of historic or cultural significance, groves and stands of mature trees, and mature trees associated with development proposals.

***Affected Environment And Environmental Consequences***

The Project area is not located immediately adjacent to any state eligible scenic highways. The CCHGP EIR states that Old Auburn Road "has a rural character that is distinct from Auburn Boulevard. This is especially true for the area located east of its intersection with Auburn Boulevard. The parcels along Old Auburn Road are large single family lots containing tall, mature trees and landscaping. Curbs, gutters and sidewalks along this road are intermittent, mostly occurring adjacent to newer developments" (Citrus Heights 2011b).

The CCHGP EIR evaluated the potential for degradation of the visual character of the City through urban development and redevelopment. The CCHGP EIR concluded that, through the implementation of General Plan policies that the impact to the current visual character present within and surrounding the planning area would be less than significant (Citrus Heights 2011b).

The CCHGP EIR evaluated the potential for impacts due to new sources of light and glare through urban development and redevelopment. Implementation of General Plan policies and actions would ensure that new

lighting and glare sources would be designed and installed in locations that minimize the encroachment of lighting and spillover light and glare onto other properties and into the sky. The CCHGP EIR concluded that, through the implementation of General Plan policies that impacts from new sources of light and glare would be less than significant (Citrus Heights 2011b).

The CCHGP EIR evaluated the potential for impacts due to the loss of native trees and/or heritage trees from the construction of infrastructure, roadways, and buildings. The CCHGP EIR addresses impacts to trees with Draft General Plan policies and actions and the City's Tree Preservation and Protection Ordinance.

***Discussion***

a. **No Impact.** There are no state or locally designated scenic highways in the vicinity of the proposed project. Old Auburn Road and Wachtel Way are not a designated or eligible scenic highway. The Project would not cause adverse effects on a scenic vista.

b. **Less than Significant.** The Project will require tree removal; however, the portions of the road and trail where trees are required to be removed are not designated as scenic.

c. **Less than Significant with Mitigation Incorporated.** The proposed Project is located in an urbanized area. The Proposed Project does not conflict with applicable zoning or other City regulations governing scenic quality. Mitigation Measure BIO-5 requires the Proposed Project to obtain a City tree permit for trees to be removed for the multiuse trail. Trees will be avoided to the extent feasible. The intersection improvements and additional bicycle lanes do not have the potential to substantially degrade the existing visual character of the site.

d. **Less than Significant.** Streetlights are present on Old Auburn Road and Wachtel Way. The Project will construct sidewalks with streetlights along segments of Old Auburn Road and Wachtel Way that do not currently have sidewalks. The Project would construct three roundabouts at existing Argo Drive, Wachtel Way, and Linda Creek Court/Oakwood Hills Circle intersections on Old Auburn Road. Two additional streetlights will be installed with each roundabout. Lighting would be provided consistent with the Zoning Code, which requires that lights be shielded to avoid excessive off-site glare. The potential impact would be less than significant.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None. The Citrus Heights General Plan EIR Section 4.6-3 concludes that with the implementation of Draft General Plan policies and actions and the City's Tree Preservation and Protection Ordinance, impacts on native trees and/or heritage trees would be prevented or adequate compensation would be provided. For this reason this impact is considered less than significant. The Citrus Heights General Plan EIR Section 4.12-2 determines that new sources of light and glare are less-than-significant.

***Additional Project-Level Mitigation Measures***

**BIO-5:** In accordance with the City of Citrus Heights Tree Preservation and Protection Regulations, protected trees within the Project footprint will be preserved to the extent feasible. For trees removed for the multiuse trail, a tree permit will be obtained from the City prior to construction. Tree impact and avoidance measures shall be incorporated into the final design of the improvement plans. A certified arborist shall consult and make recommendations for design treatments, modifications, and construction techniques to minimize tree removal and construction impacts.

***Significance Determination with Mitigation Measures***

Not applicable.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **II. AGRICULTURE / FORESTRY RESOURCES - In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:** | | | | |
| a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use? | | | | X |
| b. Conflict with existing zoning for agricultural use, or a Williamson Act contract? | | | | X |
| c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))? | | | | X |
| d. Result in the loss of forest land or conversion of forest land to non-forest use? | | | | X |
| e. Involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use? | | | | X |

***Discussion***

a. **No Impact.** There is no Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) in the project limits.

b. **No Impact.** There are no parcels zoned for agricultural use or land in Williamson Act contracts in the project limits.

c. **No Impact.** There are no parcels zoned for or as forest lands or timberland in the project limits.

d. **No Impact.** There is no forest land in the project limits. The Project will not convert forest land to non-forest use.

e. **No Impact.** The Project would not involve changes in the existing environment that could result in the conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project-Level Mitigation Measures***

None required.

***Significance Determination with Mitigation Measures***

Not applicable.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **III. AIR QUALITY - Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:** | | | | |
| a. Conflict with or obstruct implementation of the applicable air quality plan? | | | | X |
| b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard? | | X | | |
| c. Expose sensitive receptors to substantial pollutant concentrations? | | | X | |
| d. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people? | | | X | |

***Regulatory Setting***

*Federal and State*

Clean Air Act

The United States Environmental Protection Agency (USEPA) is responsible for addressing national and interstate air pollution issues and setting policies. The EPA sets national vehicle and stationary source emission standards, oversees approval of all State Implementation Plans, provides research and guidance for air pollution programs, and sets National Ambient Air Quality Standards (NAAQS), also known as Federal standards. There are Federal standards for the following criteria air pollutants, which were identified from provisions of the Clean Air Act of 1970:

- Ozone;
- Particulate matter (PM10 and PM2.5);
- Nitrogen dioxide;
- Carbon monoxide (CO); and
- Lead; and
- Sulfur dioxide.

Federal standards were set to protect public health, including that of sensitive individuals; thus, the standards continue to change as more medical research is available regarding the health effects of the criteria pollutants. Primary Federal standards are the levels of air quality necessary, with an adequate margin of safety, to protect the public health, per 40 CFR 50.2.

State Implementation Plan

A State Implementation Plan is a document prepared by each state describing existing air quality conditions and measures that would be followed to attain and maintain Federal standards. The State Implementation Plan

for the State of California is administered by the CARB, which has overall responsibility for Statewide air quality maintenance and air pollution prevention. California's State Implementation Plan incorporates individual Federal attainment plans for regional air districts—air districts prepare their Federal attainment plans, which are sent to the CARB to be approved and incorporated into the California State Implementation Plan. Federal attainment plans include the technical foundation for understanding air quality (e.g., emission inventories and air quality monitoring), control measures and strategies, and enforcement mechanisms.

Federal and State Ambient Air Quality Standards

California and the federal government have established standards for several different pollutants. For some pollutants, separate standards have been set for different measurement periods. Most standards have been set to protect public health. For some pollutants, standards have been based on other values (such as protection of crops, protection of materials, or avoidance of nuisance conditions). The pollutants of greatest concern in the Project area are ozone, particulate matter-2.5 microns ($PM_{2.5}$) and particulate matter-10 microns ($PM_{10}$). **Table 2** shows the state and federal attainment status within Sacramento County for a variety of pollutants.

The Federal Clean Air Act requires the EPA to designate areas as attainment, nonattainment, or unclassified for the NAAQS. These designations are similar to their state-level counterparts. Areas that were nonattainment but have recently achieved attainment are referred to as maintenance areas.

**Table 2. NAAQS and CAAQS Attainment Status for Sacramento County**

| Criteria Pollutants | State Designation | Federal Designation |
|---|---|---|
| Ozone | Nonattainment | Nonattainment |
| PM10 | Nonattainment | Attainment |
| PM2.5 | Attainment | Nonattainment |
| Carbon Monoxide | Attainment | Unclassified/Attainment |
| Nitrogen Dioxide | Attainment | Unclassified/Attainment |
| Sulfur Dioxide | Attainment | Unclassified |
| Sulfates | Attainment | - |
| Lead | Attainment | Unclassified/Attainment |
| Hydrogen Sulfide | Unclassified | - |
| Visibility Reducing Particles | Unclassified | - |

*Source: California Air Resources Board, 2022*
*https://www.arb.ca.gov/desig/adm/adm.htm*

**Table 3** provides a summary of the NAAQS and California Ambient Air Quality Standards (CAAQS) attainment status in the vicinity of the Project.

**Table 3. Ambient Air Quality Standards**

| Ambient Air Quality Standards | | | | | | |
|---|---|---|---|---|---|---|
| **Pollutant** | **Averaging Time** | **California Standards [1]** | | **National Standards [2]** | | |
| | | **Concentration [3]** | **Method [4]** | **Primary [3,5]** | **Secondary [3,6]** | **Method [7]** |
| **Ozone ($O_3$)[8]** | 1 Hour | 0.09 ppm (180 µg/m$^3$) | Ultraviolet Photometry | — | Same as Primary Standard | Ultraviolet Photometry |
| | 8 Hour | 0.070 ppm (137 µg/m$^3$) | | 0.070 ppm (137 µg/m$^3$) | | |
| **Respirable Particulate Matter (PM10)[9]** | 24 Hour | 50 µg/m$^3$ | Gravimetric or Beta Attenuation | 150 µg/m$^3$ | Same as Primary Standard | Inertial Separation and Gravimetric Analysis |
| | Annual Arithmetic Mean | 20 µg/m$^3$ | | — | | |
| **Fine Particulate Matter (PM2.5)[9]** | 24 Hour | — | — | 35 µg/m$^3$ | Same as Primary Standard | Inertial Separation and Gravimetric Analysis |
| | Annual Arithmetic Mean | 12 µg/m$^3$ | Gravimetric or Beta Attenuation | 9.0 µg/m$^3$ | 15.0 µg/m$^3$ | |
| **Carbon Monoxide (CO)** | 1 Hour | 20 ppm (23 mg/m$^3$) | Non-Dispersive Infrared Photometry (NDIR) | 35 ppm (40 mg/m$^3$) | — | Non-Dispersive Infrared Photometry (NDIR) |
| | 8 Hour | 9.0 ppm (10 mg/m$^3$) | | 9 ppm (10 mg/m$^3$) | — | |
| | 8 Hour (Lake Tahoe) | 6 ppm (7 mg/m$^3$) | | — | — | |
| **Nitrogen Dioxide ($NO_2$)[10]** | 1 Hour | 0.18 ppm (339 µg/m$^3$) | Gas Phase Chemiluminescence | 100 ppb (188 µg/m$^3$) | — | Gas Phase Chemiluminescence |
| | Annual Arithmetic Mean | 0.030 ppm (57 µg/m$^3$) | | 53 ppb (100 µg/m$^3$) | Same as Primary Standard | |
| **Sulfur Dioxide ($SO_2$)[11]** | 1 Hour | 0.25 ppm (655 µg/m$^3$) | Ultraviolet Fluorescence | 75 ppb (196 µg/m$^3$) | — | Ultraviolet Flourescence; Spectrophotometry (Pararosaniline Method) |
| | 3 Hour | — | | — | 0.5 ppm (1300 µg/m$^3$) | |
| | 24 Hour | 0.04 ppm (105 µg/m$^3$) | | 0.14 ppm (for certain areas)[11] | — | |
| | Annual Arithmetic Mean | — | | 0.030 ppm (for certain areas)[11] | — | |
| **Lead[12,13]** | 30 Day Average | 1.5 µg/m$^3$ | Atomic Absorption | — | — | High Volume Sampler and Atomic Absorption |
| | Calendar Quarter | — | | 1.5 µg/m$^3$ (for certain areas)[12] | Same as Primary Standard | |
| | Rolling 3-Month Average | — | | 0.15 µg/m$^3$ | | |
| **Visibility Reducing Particles[14]** | 8 Hour | See footnote 14 | Beta Attenuation and Transmittance through Filter Tape | **No National Standards** | | |
| **Sulfates** | 24 Hour | 25 µg/m$^3$ | Ion Chromatography | | | |
| **Hydrogen Sulfide** | 1 Hour | 0.03 ppm (42 µg/m$^3$) | Ultraviolet Fluorescence | | | |
| **Vinyl Chloride[12]** | 24 Hour | 0.01 ppm (26 µg/m$^3$) | Gas Chromatography | | | |

**See footnotes on next page …**

For more information please call ARB-PIO at (916) 322-2990

California Air Resources Board (7/16/24)

1. California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, and particulate matter (PM10, PM2.5, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

2. National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM10, the 24 hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 $\mu g/m^3$ is equal to or less than one. For PM2.5, the 24 hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. EPA for further clarification and current national policies.

3. Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

4. Any equivalent measurement method which can be shown to the satisfaction of the ARB to give equivalent results at or near the level of the air quality standard may be used.

5. National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.

6. National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

7. Reference method as described by the U.S. EPA. An “equivalent method” of measurement may be used but must have a “consistent relationship to the reference method” and must be approved by the U.S. EPA.

8. On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.

9. On February 7, 2024, the national annual PM2.5 primary standard was lowered from 12.0 $\mu g/m^3$ to 9.0 $\mu g/m^3$. The existing national 24-hour PM2.5 standards (primary and secondary) were retained at 35 $\mu g/m^3$, as was the annual secondary standard of 15.0 $\mu g/m^3$. The existing 24-hour PM10 standards (primary and secondary) of 150 $\mu g/m^3$ also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.

10. To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the national 1-hour standard to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

11. On June 2, 2010, a new 1-hour $SO_2$ standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 $SO_2$ national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.
    Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.

12. The ARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

13. The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard (1.5 $\mu g/m^3$ as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

14. In 1989, the ARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

**For more information please call ARB-PIO at (916) 322-2990** **California Air Resources Board (7/16/24)**

Source: CARB 2024c

**Local**

Sacramento Metropolitan Air Quality Management District

The Sacramento Metropolitan Air Quality Management District (SMAQMD) is the primary agency responsible for planning to meet Federal and State ambient air quality standards in Sacramento County and the larger Sacramento Ozone Nonattainment Area.

The SMAQMD operates monitoring stations in Sacramento County, develops rules, regulations, and CEQA thresholds for stationary sources and equipment, prepares emissions inventory and air quality management planning documents, and conducts source testing and inspections. **Table 4** depicts the SMAQMD Thresholds of Significance for Projects subject to CEQA (SMAQMD 2020). All projects are subject to the adopted SMAQMD rules and regulations.

The SMAQMD's air quality management plans include control measures and strategies to be implemented to attain State and Federal ambient air quality standards in Sacramento County. The SMAQMD then implements these control measures as regulations to control or reduce criteria pollutant emissions from stationary sources or equipment. Applicable SMAQMD attainment plans include:

- An 8-Hour Ozone Attainment and Reasonable Further Progress Plan; and
- Revised 8-Hour Ozone Attainment and Reasonable Further Progress Plan.

The 8-Hour Ozone Attainment and Reasonable Further Program Plan (CARB 2023a) describes measures to be implemented by the air districts in the Sacramento Federal Nonattainment Area (SFNA). This plan includes the information and analyses to fulfill the Federal Clean Air Act (CAA) requirements for demonstrating reasonable further progress and attainment of the 8-hour ozone NAAQS for the Sacramento region. In addition, this plan establishes an updated emissions inventory projected for a 2032 attainment date, provides photochemical modeling results, proposes the implementation of reasonably available control measures, and sets new motor vehicle emission budgets for transportation conformity purposes for the reasonable further progress milestone years and the 2032 attainment year. The emission reduction strategy is based on reductions in both reactive organic gases (ROG) and nitrogen oxide (NOx) emissions.

Future Federal and State control measures include advanced clean fleets regulation, zero-emissions trucks, motorcycle new emissions standards, clean miles standard, cleaner off-road (including zero emissions), consumer products standards, zero-emissions for space and water heaters, locomotive regulations, aviation emission reductions, local mobile source control program, conversion of diesel-powered transport refrigeration units to zero-emission technologies, and other measures (SMAQMD 2024b).

**Table 4. SMAQMD Thresholds of Significance**

| | Construction Phase | Operational Phase |
|---|---|---|
| **Mass Emission Thresholds** | | |
| Nitrogen Oxide (NOx) (Ozone precursor) | 85 pounds/day | 65 pounds/day |
| Reactive Organic Gases (ROG) (VOC) (Ozone precursor) | None. | 65 pounds/day |
| Particulate Matter (PM10) | Zero (0). If all feasible best available control technology (BACT) and BMPs are applied, then 80 pounds/day and 14.6 tons/year. | Zero (0). If all feasible BACT and BMPs are applied, then 80 pounds/day and 14.6 tons/year. |
| Particulate Matter (PM2.5) | Zero (0). If all feasible BACT and BMPs are applied, then 82 | Zero (0). If all feasible BACT and BMPs are applied, then 82 |

| | | |
|---|---|---|
| | pounds/day and 15 tons/year. | pounds/day and 15 tons/year. |
| **Concentration Thresholds (Based on the California Ambient Air Quality Standard, identical threshold for both phases of development.** | | |
| Carbon Monoxide (CO) | 20 ppm 1-hour standard (23 mg/$m^3$); 9 ppm 8-hour (10 mg/$m^3$) | |
| Nitrogen Dioxide (NO2) | 0.18 ppm 1-hour standard (339 (339 µg/$m^3$); 0.03 ppm Annual Arithmetic Mean (57 µg/$m^3$) | |
| Sulphur Dioxide (SO2) | 0.25 ppm 1-hour standard (665 µg/$m^3$); 0.04 ppm 24-hour standard (105 µg/$m^3$) | |
| Lead | 1.5 µg/$m^3$ 30-day average | |
| Visibility Reducing Particles | Extinction coefficient of 0.23 per kilometer - visibility of ten miles or more due to particles when relative humidity is less than 70 percent | |
| Sulfates | 25 µg/$m^3$ 24-hour standard | |
| Hydrogen Sulfide (H2S) | 0.03 ppm (42 µg/$m^3$) 1-hour standard | |
| Vinyl Chloride | 0.01 ppm (26 µg/$m^3$) 24-hour standard | |

2nd 10-Year PM10 Implementation/Maintenance Plan for Sacramento County

On September 23, 2021, the SMAQMD Governing Board approved the PM10 maintenance plan (SMAQMD 2023b). This plan includes updated emission inventories, demonstrates maintenance of the PM10 standard, provides an updated control measure evaluation, and establishes new motor vehicle emissions budgets (MVEB). The plan was submitted to the USEPA for approval and the Final Rule was published on March 14, 2024, effective April 15, 2024.

2015 Triennial Report and Air Quality Plan Update

This plan is intended to comply with the requirements of the California Clean Air Act (CCAA) as related to bringing the region into compliance with the CAAQS for ozone. The SMAQMD has prepared several triennial progress reports that build upon the 1994 Sacramento Area Regional Ozone Attainment Plan. The 2015 Triennial Report and Air Quality Plan Update (SMAQMD 2015) is the most recent report. The triennial progress report includes a current emission inventory and projected future inventories of ROG and NOx emissions in Sacramento County. The future inventories reflect population growth rates, travel, employment, industrial/commercial activities, and energy use, as well as controls imposed through local, State, and Federal emission reduction measures. The triennial report discusses rules that the SMAQMD has adopted during the previous three years, incentive programs that have been implemented, and other measures that would supplement those in the Ozone Attainment Plan to achieve the required five percent per year reduction required by the CCAA.

The SMAQMD also has several rules that relate to the proposed Project, which are summarized below.

Rule 201 – General Permit Requirements: Requires any Project that includes the use of certain equipment capable of releasing emissions to the atmosphere as part of Project operation to obtain a permit from the SMAQMD prior to operation of the equipment. The applicant, developer, or operator of a Project that includes an emergency generator, boiler, or heater should contact the SMAQMD to determine if a permit is required. Portable construction equipment with an internal combustion engine with over 50 horsepower are required to have a SMAQMD permit or a CARB portable equipment registration.

Rule 401 – Ringelmann Chart: Prohibits individuals from discharging into the atmosphere from any single source of emissions whatsoever any air contaminant whose opacity exceeds certain specified limits.

Rule 402 – Nuisance: To protect the public health, Rule 402 prohibits any person from discharging such

quantities of air contaminants that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public.

Rule 403 – Fugitive Dust: Requires a person to take every reasonable precaution not to cause or allow the emissions of fugitive dust from being airborne beyond the property line from which the emission originates, from construction, handling or storage activity, or any wrecking, excavation, grading, clearing of land or solid waste disposal operation.

Rule 453 – Cutback and Emulsified Asphalt Paving Materials: Asphalt paving operations that may be associated with implementation of a Project would be subject to Rule 453. This rule applies to the manufacture and use of cutback asphalt and emulsified asphalt for paving and maintenance operations.

Rule 902 – Asbestos: To protect the public health and the environment, Rule 902 sets specific procedures to follow regarding handling, transport, and disposal of asbestos containing materials.

The Guide to Air Quality Assessment in Sacramento County also provides methods to analyze air quality impacts from plans and projects, including screening criteria, thresholds of significance, calculation methods, as well as mitigation measures that help assist lead agencies in complying with the CEQA. These guidelines require that basic construction emission control practices be implemented for emissions regardless of the significance determination.

Toxic Air Contaminants

A toxic air contaminant (TAC) is defined as an air pollutant that may cause or contribute to an increase in mortality or serious illness, or that may pose a hazard to human health. TACs are usually present in minute quantities in the ambient air; however, their high toxicity or health risk may pose a threat to public health even at low concentrations. The California Almanac of Emissions and Air Quality (CARB 2013) present the relevant concentration and cancer risk data for the ten TACs that pose the most substantial health risk in California based on available data. These TACs are as follows: acetaldehyde, benzene, 1.3-butadiene, carbon tetrachloride, hexavalent chromium, para-dichlorobenzene, formaldehyde, methylene chloride, perchloroethylene, and DPM.

Some studies indicate that DPM poses the greatest health risk among the TACs listed above. A 10-year research program (CARB 2024a) demonstrated that DPM from diesel-fueled engines is a human carcinogen and that chronic (long-term) inhalation exposure to DPM poses a chronic health risk. In addition to increasing the risk of lung cancer, exposure to diesel exhaust can have other health effects. Diesel exhaust can irritate the eyes, nose, throat, and lungs, and it can cause coughs, headaches, lightheadedness, and nausea. Diesel exhaust is a major source of fine particulate pollution as well, and studies have linked elevated particle levels in the air to increased hospital admissions, emergency room visits, asthma attacks, and premature deaths among those suffering from respiratory problems.

DPM differs from other TACs in that it is not a single substance but a complex mixture of hundreds of substances. Although DPM is emitted by diesel-fueled, internal combustion engines, the composition of the emissions varies, depending on engine type, operating conditions, fuel composition, lubricating oil, and whether an emission control system is present. Unlike the other TACs, however, no ambient monitoring data are available for DPM because no routine measurement method currently exists. The CARB has made preliminary concentration estimates based on a DPM exposure method. This method uses the CARB emissions inventory's PM10 database, ambient PM10 monitoring data, and the results from several studies to estimate concentrations of DPM.

Odors

Odors are generally regarded as an annoyance rather than a health hazard. However, manifestations of a person's reaction to foul odors can range from psychological (e.g., emotional reaction) to physiological (e.g., nausea).

With respect to odors, the human nose is the sole sensing device. The ability to detect odors is subjective and varies considerably among the population. Some individuals have the ability to smell very minute quantities of specific substances; others may not have the same sensitivity but may have sensitivities to odors of other substances. In addition, people may have different reactions to the same odor; an odor that is offensive to one person may be perfectly acceptable to another.

The Sacramento Valley Basinwide Air Pollution Control Council

The Sacramento Valley Basinwide Air Pollution Control Council (Control Council) is authorized pursuant to California Health and Safety Code Section (HSC) section 40900 to carry out the following activities relevant to the Proposed Project pursuant to State Law and the CCR (reference HSC Section 41865 and Section 41866; CCR Section 80100 et seq.):

- Assist Districts in the Sacramento Valley Air Basin in coordinating all air pollution control activities to ensure that the entire Sacramento Valley Air Basin is, or will be, in compliance with the requirements of State and Federal law.

***Setting***

For the purposes of this document, the City of Citrus Heights General Plan (2011a) and EIR (2011b)was referenced for this section. The proposed project is located within the Sacramento Valley Air Basin (SVAB), in the region administered by the Sacramento Metropolitan Air Quality Management District (SMAQMD), which administers air quality in the City of Citrus Heights. The SVAB has a Mediterranean climate, characterized by hot, dry summers and mild, rainy winters. During the year, the temperature may range from 20 to 115 degrees Fahrenheit with summer highs usually in the 90s and winter lows occasionally below freezing. Average annual rainfall is about 20 inches with snowfall being very rare. Summer high temperatures as measured at the Sacramento Executive Airport Federal Aviation Administration - Flight Service Station (the nearest climatic monitoring station to the Project) average in the low 90s ºF and summer low temperatures average in the upper 50s ºF. Winter conditions are characterized by occasional rainstorms, interspersed with stagnant and sometimes foggy weather. Wintertime high temperatures average in the mid-upper 50s ºF and winter low temperatures average in the high 30s ºF (Western Regional Climate Center 2025).

The mountains surrounding the Sacramento Valley create an airflow barrier, which can trap air pollutants in the valley when meteorological conditions are right, and a temperature inversion exists. Air stagnation in the autumn and early winter occurs when large high-pressure cells lie over the valley. The lack of surface wind during these periods and the reduced vertical flow caused by less surface heating reduces the influx of outside air and allows pollutants to become concentrated in the air. The surface concentrations of pollutants are highest when these conditions are combined with increased levels of smoke or when temperature inversions trap cool air, fog and pollutants near the ground.

The ozone season (May through October) in the Sacramento Valley is characterized by stagnant morning air or light winds with the Delta sea breeze arriving in the afternoon out of the southwest. Usually, the evening breeze transports the airborne pollutants to the north out of the Sacramento Valley. During about half of the days from July to September, however, a phenomenon called the “Schultz Eddy” prevents this from occurring. Instead of allowing for the prevailing wind patterns to move north carrying the pollutants out of the valley, the Schultz Eddy causes the wind pattern and pollutants to circle back southward. This phenomenon’s effect exacerbates the pollution levels in the area and increases the likelihood of violating the federal and state air quality standards.

Sacramento County is located within the boundaries of the Sacramento Valley Air Basin. The Sacramento Valley Air Basin is bounded by the North Coast Ranges on the west and the Northern Sierra Nevada Mountains on the east. The intervening terrain is flat. Sacramento is often described as a bowl shaped valley. The Sacramento Valley’s climate and topography contribute to the formation and transport of photochemical

pollutants throughout the region. The region experiences temperature inversions that limit atmospheric mixing and trap pollutants, resulting in high pollutant concentrations near the ground surface. Generally, the lower the inversion base height from the ground and the greater the temperature increase from base to top, the more pronounced the inhibiting effect of the inversion will be on pollutant dispersion. Consequently, the highest concentrations of photochemical pollutants occur from late spring to early fall when photochemical reactions are greatest because of more intense sunlight and the lower altitude of daytime inversion layers. Surface inversions (those at altitudes of 0–500 ft above sea level) are most frequent during winter, and subsidence inversions (those at 1,000–2,000 ft above sea level) are most common in summer.

Existing air quality conditions in the project area can be characterized in terms of the ambient air quality standards that the state of California (California Ambient Air Quality Standards [CAAQS]) and the federal government NAAQS that have been established for several different pollutants. Most pollutant standards have been established to protect public health. For other pollutants, standards have been based on other values (such as protection of crops, protection of materials, or avoidance of nuisance conditions). Ambient air pollutant concentrations are measured at 35 permanent monitoring stations throughout the Sacramento Valley Air Basin. The federal and state governments have established ambient air quality standards for six criteria pollutants: ozone, CO, $NO_2$, $SO_2$, particulate matter ($PM_{2.5}$ and $PM_{10}$), and lead. Sacramento County is in State designated nonattainment for ozone (8-hour and 1-hour) and $PM_{10}$. The project location is in attainment or unclassified for all other CAAQS criteria pollutants. **Table 2** summarizes the CAAQS criteria pollutants and the attainment status of the project location.

***Standards of Significance***

For purposes of this Initial Study, air quality impacts may be considered significant if construction and/or implementation of the Proposed Project would result in the following impacts that remain significant after implementation of General Plan policies or mitigation from the City of Citrus Heights General Plan EIR:

- Construction emissions of $NO_x$ above 85 pounds per day for City of Citrus Heights;
- Operational emissions of $NO_x$ or ROG above 65 pounds per day for City of Citrus Heights;
- Violation of any air quality standard or contribute substantially to an existing or projected air quality violation;
- $PM_{10}$ concentrations equal to or greater than five percent of the State ambient air quality standard (i.e., 50 micrograms/cubic meter for 24 hours) in areas where there is evidence of existing or projected violations of this standard. However, if project emissions of $NO_x$ and ROG are below the emission thresholds given above, then the project would not result in violations of the $PM_{10}$ ambient air quality standards;
- CO concentrations that exceed the 1-hour state ambient air quality standard (i.e., 20.0 ppm) or the 8-hour state ambient standard (i.e., 9.0 ppm); or
- Exposure of sensitive receptors to substantial pollutant concentrations.

Ambient air quality standards have not been established for toxic air contaminants (TAC). TAC exposure is deemed to be significant if:

- TAC exposures create a risk of 10 in 1 million for stationary sources or substantially increase the risk of exposure to TACs from mobile sources.

***Summary of Analysis under the City of Citrus Heights General Plan EIR***

The General Plan EIR addressed the potential effects of the General Plan on ambient air quality and the potential for exposure of people, especially sensitive receptors such as children or the elderly, to unhealthful pollutant concentrations. See General Plan EIR, Chapter 4.3.

Policies in the General Plan in Environmental Resources were identified as mitigating potential effects of development that could occur under the General Plan, including calling for the City to work with the California Air Resources Board and the Sacramento Metropolitan Air Quality Management District (SMAQMD) to meet state and federal air quality standards. The Master EIR identified exposure to sources of toxic air contaminants (TAC) as a potential effect. Policies in the General Plan would reduce the effect to a less-than-significant level. The policies include requiring consideration of current guidance provided by the Air Resources Board and SMAQMD; requiring development adjacent to stationary or mobile TAC sources to be designed with consideration of such exposure in design, landscaping and filters.

***Discussion***

a. **No Impact**. A project is considered to conflict with or obstruct implementation of regional air quality plans if it would be inconsistent with the emissions inventories contained in the regional air quality plans. Emission inventories are developed based on projected increases in population growth and vehicle miles traveled (VMT) within the region. The proposed Project would construct intersection enhancements, as well as the installation of pedestrian and bicycle facilities such as multi-use pathways, Class IV bikeways, crosswalks, and Americans with Disabilities Act (ADA)-compliant curb ramps. The Project would serve the existing community and would not result in an increase in population or VMT. Implementation of the proposed Project would increase the connectivity of the City's off-street trail network and encourage the use of alternative modes of transportation, potentially reducing the use of personal motor vehicles. Long-term operation of the proposed Project is anticipated to result in overall beneficial air quality impacts and would not conflict with existing or future air quality planning efforts. Therefore, no impact would occur.

b. **Less than Significant with Mitigation Incorporated.** Sacramento County is currently designated as in "attainment" for all State and federal ambient air quality standards, except ozone (non-attainment status under State and Federal), PM10 (non-attainment status under State), and PM2.5 (non-attainment status under Federal). The current "non-attainment" status for ozone, PM10, and PM2.5 signifies that these pollutant concentrations have exceeded the established standards.

In order to evaluate ozone and other criteria air pollutant emissions and support attainment goals for those pollutants, the SMAQMD developed the Guide to Air Quality Assessment in Sacramento County which has established significance thresholds for emissions of PM2.5 and PM10, and ozone precursors – reactive organic gases (ROG) and nitrous oxides (NOx). The significance thresholds, expressed in pounds per day (lbs./day), listed in **Table 5** below represent the SMAQMD's current established thresholds of significance for use in the evaluation of air quality impacts associated with proposed land development projects. Thus, if the proposed Project's emissions exceed the pollutant thresholds presented in **Table 5**, the Project would have the potential to result in significant effects to air quality and affect the attainment of federal and State Ambient Air Quality Standards.

**Table 5. SMAQMD Local Thresholds of Significance**

| Thresholds of Significance | | |
|---|---|---|
| **Emissions** | **SMAQMD Construction Phase Mass Emissions Thresholds (pounds per day)** | **SMAQMD Operational Phase Mass Emissions Thresholds (pounds per day)** |
| $NO_x$ | 85 lbs/day | 65 lbs/day |
| ROG (VOC) | No threshold | 65 lbs/day |
| $PM_{10}$ | **Zero (0)**. If all feasible BACT/BMPs are applied, then 80 pounds/day and 14.6 tons/year | **Zero (0)**. If all feasible BACT/BMPs are applied, then 80 pounds/day and 14.6 tons/year |

| Thresholds of Significance | | |
|---|---|---|
| **Emissions** | **SMAQMD Construction Phase Mass Emissions Thresholds (pounds per day)** | **SMAQMD Operational Phase Mass Emissions Thresholds (pounds per day)** |
| $PM_{2.5}$ | **Zero (0)**. If all feasible BACT/BMPs are applied, then 82 pounds/day and 15 tons/year | **Zero (0)**. If all feasible BACT/BMPs are applied, then 82 pounds/day and 15 tons/year |
| Source: SMAQMD 2020 | | |

Short-term increases in emissions would occur during construction. The construction period would be limited and temporary. According to SMAQMD CEQA Guidelines, construction-generated NOx and PM emissions shall be evaluated for significance under CEQA on a daily mass emission basis because they are pollutants of regional concern.

Short-term construction-related emissions resulting from the Project construction were estimated using the SMAQMD Road Construction Emissions Model, Version 9.0.0, a spreadsheet-based model specifically designed to estimate emissions for various types of highway improvements projects in the Sacramento region (**Appendix B**). **Table 6** provides the results of the Road Construction Emissions Model for each of the Alternative's construction phase compared to SMAQMD thresholds of significance.

**Table 6. Maximum Daily Construction Emissions and Local Thresholds of Significance**

| Emissions | Project Emissions | SMAQMD Construction Phase Mass Emissions Thresholds (pounds per day) |
|---|---|---|
| $NO_x$ | 0.42 lbs/day (daily average)<br>13.57 lbs/day (maximum daily average) | 85 lbs/day |
| ROG (VOC) | 0.13 lbs/day (daily average)<br>4.64 lbs/day (maximum daily average) | No threshold |
| $PM_{10}$ | 20.82 lbs/day (daily average)<br>0.59 lbs/day (maximum daily average) | **Zero (0)**. If all feasible BACT/BMPs are applied, then 80 pounds/day and 14.6 tons/year |
| $PM_{2.5}$ | 4.81 lbs/day (daily average)<br>0.56 lbs/day (maximum daily average) | **Zero (0)**. If all feasible BACT/BMPs are applied, then 82 pounds/day and 15 tons/year |

The Project would be well below emissions levels for NOx. The Project would generate minimal amounts of PM10 and PM2.5 based on the construction emissions model; therefore, SMAQMD Basic Construction Emission Control Practices as described in mitigation measure **AQ-1** should be implemented where feasible. With the implementation of measure **AQ-1**, any potentially significant impacts would be reduced to a less than significant level; therefore, impacts to air quality standards are considered less than significant with mitigation incorporated.

Because construction and operational emissions are temporary and expected to be below the thresholds, the project is not expected to violate any air quality standards. The proposed project would not increase the capacity of the roadway; no additional trips or delays are expected to result from the project. The proposed project would not result in an additional significant impact that was not addressed in the City of Citrus Heights General Plan EIR.

c. **Less than Significant.** The nearest sensitive receptors are residences located directly adjacent to Old

Auburn Road and Wachtel Way. Construction activities, which involve the use of diesel-powered equipment, are short-term and emissions are expected to be well below the thresholds. Operational emissions are not expected to increase, as discussed for Question B. Despite a low-impact expectation for this project, measures for construction activities are still recommended to further reduce impacts on sensitive receptors.

SMAQMD has established screen-level criteria for the assessment of significant impacts from construction-related emissions of fugitive dust. These criteria are based on a project's maximum actively disturbed area. Construction activities that would disturb less than 15.0 acres per day would be required to implement the appropriate level of mitigation, identified as "Basic Construction Emission Control Practices," for all projects to further minimize construction-related impacts regardless of the CEQA significance determination. Because the proposed project would disturb an area less than 15 acres, BMPs have been included from the "Basic Construction Emission Control Practices" to reduce construction-related emissions of fugitive dust (see City Code: 15.40.050 and 15.44.170; SMAQMD Rule 403 (Fugitive Dust) and their Basic Construction Emissions Control Practices).

$PM_{10}$ emissions are assumed to be below the thresholds because Construction $NO_x$ emissions are temporary. There are no construction ROG thresholds, and both $NO_x$ and ROG operational thresholds are not expected to be exceeded. Therefore, the proposed project would not result in an additional significant impact that was not addressed in the City of Citrus Heights General Plan EIR.

SMAQMD defines sensitive receptors as facilities that house or attract children, the elderly, people with illnesses, or others who are especially sensitive to the effects of air pollutants or may experience adverse effects from unhealthful concentrations of air pollutants. Hospitals, clinics, schools, convalescent facilities, and residential areas are examples of sensitive receptors. The nearest sensitive receptors in the vicinity of the project site are residences directly adjacent to the project site.

Construction activities are anticipated to involve the operation of diesel-powered equipment. In 1998, the CARB identified diesel exhaust as a TAC. Cancer health risks associated with exposures to diesel exhaust typically are associated with chronic exposure, in which a 70-year exposure period is often assumed. Although elevated cancer rates can result from exposure periods of less than 70 years, acute exposure (i.e., exposure periods of 2 to 3 years) to diesel exhaust typically is not anticipated to result in an increased health risk because acute exposure typically does not result in exposure concentrations that would represent a health risk.

Health impacts associated with exposure to diesel exhaust from project construction are not anticipated to be significant because the duration of the construction activities is expected to occur well below the 70-year exposure period used in health risk assessments. Construction of the Project is anticipated to last approximately 6 months, with an estimated 130 working days assuming there will be 22 working days a month, which is considerably shorter than the 70-year exposure period used in health risk assessments for health impacts associated with exposure to diesel exhaust from Project construction. Therefore, construction of the project is not anticipated to result in an elevated cancer risk to exposed persons. No mitigation is required. Therefore, the proposed project would not result in an additional significant impact that was not addressed in the City of Citrus Heights General Plan EIR. Overall exposure of sensitive receptors to substantial pollutant concentrations from the proposed Project would be less than significant and no mitigation is required. Overall exposure of sensitive receptors to substantial pollutant concentrations from the proposed Project would be less than significant and no mitigation is required.

d. **Less than Significant.** While offensive odors rarely cause physical harm, they can be unpleasant, leading to annoyance and distress among the public and can generate citizen complaints to local governments and air districts. Project-related odor emissions would be limited to times when equipment

would be utilized for construction and emission from equipment may be evident in the immediate surrounding area. Construction activities would be short-term and would not result in the creation of long-term objectionable odor because they would be quickly dispersed after equipment utilization. Therefore, due to the short-term nature of the construction activities, combined with limited exposure to sensitive receptors, impacts associated with development of the Project are considered less than significant and no mitigation is required.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project-Level Mitigation Measures***

**AQ-1**: Implement SMAQMD Basic Construction Emission Control Practices, where feasible:

- Water all exposed surfaces two times daily. Exposed surfaces include (but are not limited to) soil piles, graded areas, unpaved parking areas, staging areas, and access roads.
- Cover or maintain at least 2 feet of freeboard space on haul trucks transporting soil, sand, or other loose material on the site. Any haul trucks that would be traveling along freeways or major roadways shall be covered.
- Use wet power vacuum street sweepers to remove any visible trackout mud or dirt onto adjacent public roads at least once a day. Use of dry power sweeping is prohibited.
- Limit vehicle speeds on unpaved roads to 15 miles per hour.
- All roadway, driveway, sidewalk, and parking lot paving should be completed as soon as possible. In addition, building pads should be laid as soon as possible after grading unless seeding or soil binders are used.
- Minimize idling time either by shutting equipment off when not in use or reducing the time of idling to 5 minutes [required by California Code of Regulations, Title 13, sections 2449(d)(3) and 2485]. Provide clear signage that posts this requirement for workers at the entrances to the site.
- Provide current certificate(s) of compliance for CARB's In-Use Off-Road Diesel-Fueled Fleets Regulation [California Code of Regulations, Title 13, sections 2249 and 2449.1].

***Significance Determination with Mitigation Measures***

Less than significant with mitigation incorporated.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **IV. BIOLOGICAL - Would the project:** | | | | |
| a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service? | | X | | |
| b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service? | | | X | |
| c. Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means? | | | | X |
| d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites? | | X | | |
| e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance? | | X | | |
| f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan? | | | | X |

***Regulatory Setting***

The following city, State, and federal statues pertain to the proposed project:

- National Environmental Policy Act (42 USC 4321 et seq.)
- Federal Endangered Species Act (16 USC 1531-1543)
- Section 404 of the Clean Water Act (33 USC 1251-1376)
- Fish and Wildlife Coordination Act (16 USC 661-6660
- Executive Order 11990, Protection of Wetlands (May 24, 1977)
- Migratory Bird Treaty Act of 1918 (USC 703-711)
- California Environmental Quality Act (PRC 21000 et seq.)
- California Endangered Species Act (CDFW Code 2050 et seq.)

- Native Plant Protection Act (CDFW Code 1900-1913)
- City of Citrus Heights Tree Preservation and Protection Ordinance (Code 106.39)

***Federal Endangered Species Act***

The Federal Endangered Species Act defines 'take' (Section 9) and prohibits 'taking' of a listed endangered or threatened species (16 USC 1532, 50 CFR 17.30. If a federally listed species could be harmed by a project, Section 7 or 10 consultations must be initiated, and an Incidental Take Permit must be obtained (16 USC 1539, 50 CFR 13).

***Federal Migratory Bird Treaty Act***

Migratory birds are protected under the federal Migratory Bird Treaty Act (MBTA) of 1918 (16 USC 703-711). The MBTA makes it unlawful to take, possess, buy, sell, purchase, or barter any migratory bird listed in 50 CFR Part 10 including feathers or other parts, nests, eggs, or products, except as allowed by implementing regulations (50 CFR 21). All migratory bird species are protected by the MBTA. Any removal of active nests during the breeding season or any disturbance that results in the abandonment of nestlings is considered a 'take' of the species under federal law.

***City of Citrus Heights Municipal Code – Tree Preservation and Protection Regulations***

The City has adopted Tree Preservation and Protection Regulations to conserve its urban forest, with a particular focus on native oak trees. These regulations require permits for the removal or substantial pruning of protected trees and are intended to balance development with long-term environmental stewardship (City of Citrus Heights 2025a). Pursuant to thew City's Municipal Code Section 106.39.020(c)(5), street widening projects are exempt from these requirements, whereas trail and multimodal projects are subject to the City's tree ordinance. Therefore, the road improvements portion of Project does not require tree removal permits or off-site mitigation for the removal of native oak trees, whereas the trail segments to require tree removal permits.

***Setting***

For the purposes of this document, the City of Citrus Heights General Plan EIR, and all associated technical studies were referenced for this section. Dokken Engineering biologists prepared a Natural Environment Study (Minimal Impacts) for the Citrus Heights Gateway Activation Project (Dokken 2025) and is included as **Appendix C**.

Regionally, the Project area is located in the northeastern portion of the City of Citrus Heights, California, along the north-central extent of Sacramento County. The Project area lies within the Sacramento Valley Subregion of the Central Western California Floristic Province (Jepson 2025).

The Project area is in an area of mostly residential land uses. Few remnant natural habitats are present in the area immediately adjacent to the roadway. These habitats have been highly disturbed through urbanization and various degrees of landform alteration. Small stands of native oaks trees are found within the Project area. Landscaped areas or areas of ruderal vegetation are most common along the corridor (see **Figure 3, Figure 4,** and **Appendix D. Representative Site Photographs**).

Urban/developed areas comprise most of the land cover within the Project area. This land cover type includes portions of various roadways including Old Auburn Road, Wachtel Way, Linda Creek Court, Oakwood Hills Circle, Argo Drive, Conover Drive and Robert Creek Court. These roadways are paved, heavily trafficked and devoid of vegetation. Also included in this land cover type are residential homes and associated landscaping, including planted ornamental vegetation and lawns.

Biological Study Area (25.47 acres)

Citrus Heights City Limits

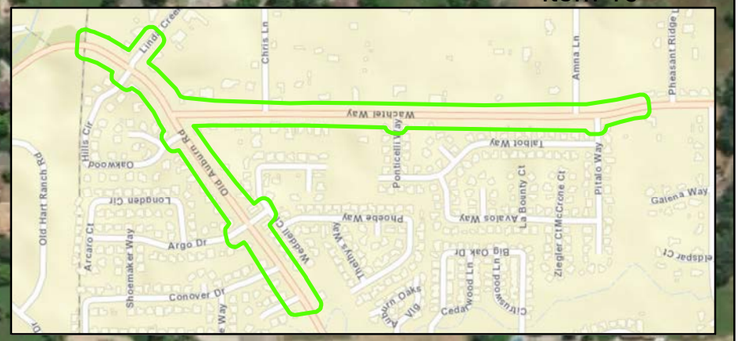
**Vegetation Communities**

Annual grassland (0.68 acres)

Oak woodland (0.76 acres)

Ruderal (0.40 acres)

Urban/developed (23.63 acres)



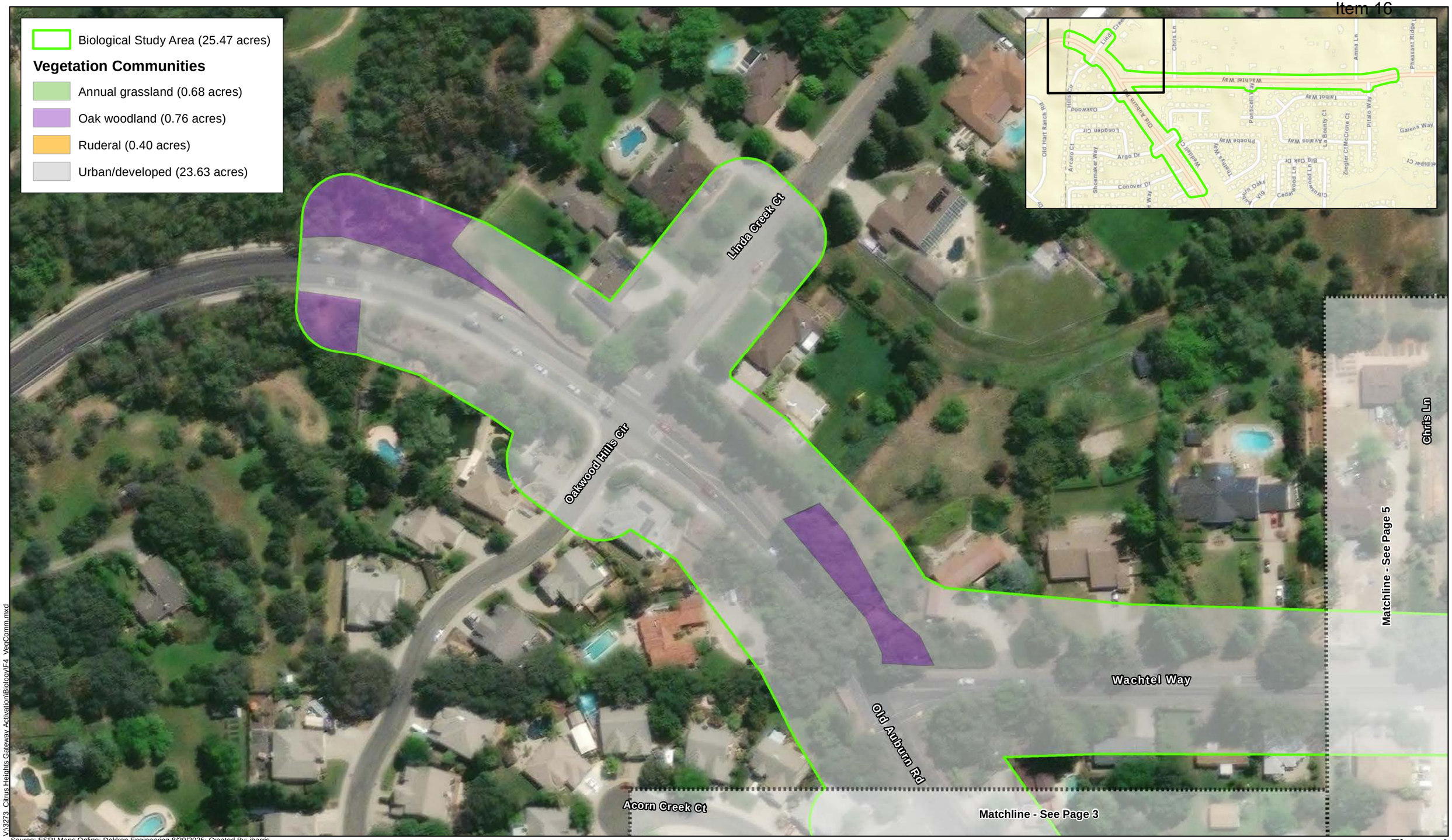

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Source: ESRI Maps Online; Dokken Engineering 9/4/2025; Created By: jharris

1 inch = 300 feet

0 150 300 450 600 Feet

**Figure 4**
**Vegetation Communities**
Page 1 of 6
Cirtus Heights Gateway Activation Project
Cirtus Heights, Sacramento County, California




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Source: ESRI Maps Online; Dokken Engineering 8/20/2025; Created By: jharris

1 inch = 100 feet

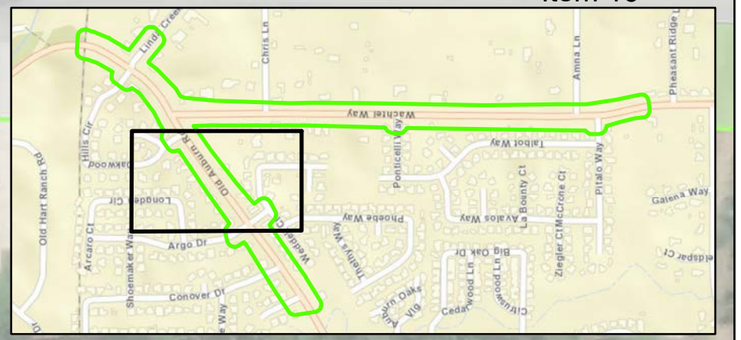
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**Figure 4**
**Vegetation Communities**
Page 2 of 6
Cirtus Heights Gateway Activation Project
Cirtus Heights, Sacramento County, California

Biological Study Area (25.47 acres)

**Vegetation Communities**

- Annual grassland (0.68 acres)
- Oak woodland (0.76 acres)
- Ruderal (0.40 acres)
- Urban/developed (23.63 acres)




Matchline - See Page 2

Oakwood Hills Cir

Old Auburn Rd

Talbot Way

Silver Rock Ct

Longden Cir

Phoebe Way

Matchline - See Page 4

Weddell Ct

Argo Dr

Source: ESRI Maps Online; Dokken Engineering 8/20/2025; Created By: jharris

1 inch = 100 feet

0 50 100 150 200 Feet

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**Figure 4**
**Vegetation Communities**



Cirtus Heights Gateway Activation Project
Cirtus Heights, Sacramento County, California




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Source: ESRI Maps Online; Dokken Engineering 8/20/2025; Created By: jharris

1 inch = 100 feet

0 50 100 150 200 Feet

**Figure 4**
**Vegetation Communities**

Biological Study Area (25.47 acres)

**Vegetation Communities**

- Annual grassland (0.68 acres)
- Oak woodland (0.76 acres)
- Ruderal (0.40 acres)
- Urban/developed (23.63 acres)




Matchline - See Page 2

Chris

Wachtel Way

Matchline - See Page 6

Matchline - See Page 3

Talbot Way

Silver Rock Ct

Ponticelli Way

Talbot Way

Bannock Ct

Avalos Way

V:\3273_Citrus Heights Gateway Activation\Biology\F4_VegComm.mxd

Source: ESRI Maps Online; Dokken Engineering 8/20/2025; Created By: jharris

1 inch = 100 feet

0 50 100 150 200 Feet

**Figure 4**
**Vegetation Communities**

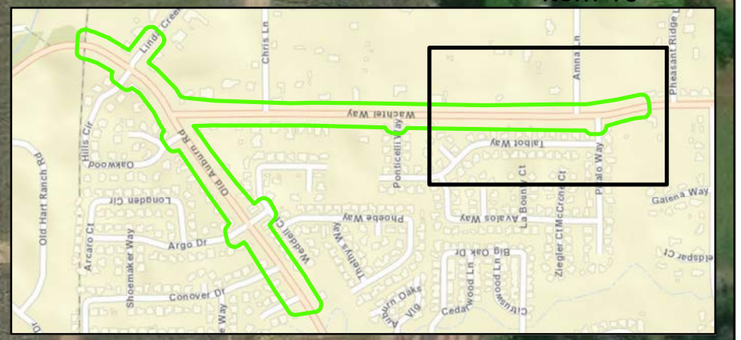


Cirtus Heights Gateway Activation Project
Cirtus Heights, Sacramento County, California

Biological Study Area (25.47 acres)

**Vegetation Communities**

- Annual grassland (0.68 acres)
- Oak woodland (0.76 acres)
- Ruderal (0.40 acres)
- Urban/developed (23.63 acres)




Matchline - See Page 5

Wachtel Way

Talbot Way

Bannock Ct

Pitalo Way

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Source: ESRI Maps Online; Dokken Engineering 8/20/2025; Created By: jharris

1 inch = 100 feet

0 50 100 150 200 Feet

**Figure 4**
**Vegetation Communities**

Ruderal, primarily composed of non-native weed species, thrives in disturbed areas where natural plant communities have been altered by human or natural disturbances. Within the Project area, it is found in small strips along the edges of the roadway, adjacent to residential parcels.

Annual grassland habitats are open grasslands composed primarily of annual plant species. This habitat type is found in five small patches within the BSA, along Wachtel Way. These areas are comprised of various annual grasses and herbaceous species. Annual grassland habitat could provide suitable foraging habitat for a variety of wildlife including birds, mammals and reptiles.

The biological survey conducted on April 24, 2025, did not identify any jurisdictional waters or wetlands within the Project area; therefore, no impacts to jurisdictional aquatic features are anticipated. Oak woodlands, a habitat of special concern, was observed at the eastern and western extents of the BSA. This habitat type is comprised of a variety of mature oak species including valley oak (*Quercus lobata*), interior live oak (*Quercus wislizeni*), and blue oak (*Quercus douglasii*) trees. The understory is comprised of Himalayan blackberry and various annual grass species including wild oat (*Avena fatua*), ripgut brome (*Bromus diandrus*), and foxtail barley (*Hordeum murinum*). Oak woodlands provide food, habitat and cover for many species of wildlife, including birds and mammals. The Project is expected to result in minor permanent impacts to oak woodlands. No other habitats of special concern were identified within the Project area or will be affected by Project activities.

Prior to field work, literature research was conducted through the USFWS Information for Planning and Consultation (IPaC) official species list generator, the CDFW California Natural Diversity Database (CNDDB), and the California Native Plant Society (CNPS) Electronic Inventory of Rare and Endangered Plants (included in **Appendix C. NES, Dokken 2025b**), to identify habitats and special status species having the potential to occur within the Biological Study Area

Sensitive Habitats

Sensitive habitats include sensitive natural plan communities and other habitats designated and/or regulated by California Department of Fish and Wildlife (CDFW), U.S. Fish and Wildlife Service (USFWS), and U.S. Army Corps of Engineers (USACE). Under Section 404 of the Clean Water Act (CWA), wetlands and other waters of the U.S. are subject to the jurisdiction of USACE. Aquatic habitats may receive protection under California statutes including Section 1602 of the California Fish and Wildlife Code and the California Porter-Cologne Water Quality Control Act.

Special Status Species

Special status species are plants and animals in the following categories:

- Species that are listed under the federal Endangered Species Act (ESA) and/or California Endangered Species Act (CESA) as rare, threatened, or endangered;
- Species considered as candidates and proposed for state or federal listing as threatened or endangered;
- Wildlife designated by CDFW as species of special concern; and
- Plants ranked by CDFW as “rare, threatened, or endangered” in California.

The California Natural Diversity Database (CNDDB), maintained by the CDFW, is considered as the most current and reliable tool for tracking occurrences of special status species in California.

***Special Status Species Evaluation***

The special status species evaluation considers those species identified as having relative scarcity and/or declining populations by the USFWS or CDFW. Special status species include those formally listed as

threatened or endangered, those proposed for formal listing, candidates for federal listing, and those classified as Species of Concern by USFWS or Species of Special Concern by CDFW. Species considered to be "special animals" or "fully protected" by the CDFW or rare, threatened, or endangered in California by the California Native Plant Society (CNPS) were also included in the evaluation.

Setting and Methods

Plant and animal species have special status if they have been listed as such by Federal or State agencies or by one or more special interest groups, such as CNPS. Prior to the field survey, literature searches were conducted using USFWS IPaC, CDFW CNDDB, and CNPS databases to identify regionally sensitive species with potential to occur within the BSA. The Special Status Species with Potential to Occur in the Project Vicinity (**Appendix C. NES, Special Status Species Potential Table**) provides the list of regional special status species returned by the database searches, describes the habitat requirements for each species, and states if the species was determined to have potential to occur within the BSA. It was determined that no special status plant or wildlife species have the potential to occur within the BSA, due to a lack of suitable habitat communities and/or lack of local occurrences. No special status plant or wildlife species were observed during the April 24, 2025, biological survey.

Wildlife observed within the BSA consisted of locally common bird species such as bushtit (*Psaltriparus minimus*), cedar waxwing (*Bombycilla cedrorum*) and mourning dove (*Zenaida macroura*). Bird activity was mainly observed within large trees within the BSA, where suitable nesting and foraging habitat is available for local bird species.

***Standards of Significance***

Based on Appendix G of the State CEQA Guidelines, an impact on biological resources is considered significant if implementation of the General Plan would:

- Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?
- Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in loc8al or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?
- Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?
- Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?
- Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance? or
- Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

The City of Citrus Heights General Plan established local policies protecting biological resources. There would be no conflict with any local policies or ordinances protecting biological resources. Compliance with City tree preservation ordinances will be required prior to the start of construction and will be discussed further as a potentially significant impact.

No adopted or planned HCP or NCCP covers the planning area. For this reason, there would be no conflicts

between the proposed project and any HCP or NCCP. This significance criterion is not discussed further in the EIR.

***Summary of Analysis under the City of Citrus Heights General Plan EIR***

Chapter 4.6.1 of the General Plan EIR evaluated the effects of the General Plan on biological resources within the general plan policy area. The General Plan EIR identified potential impacts in terms of degradation of the quality of the environment or reduction of habitat or population below self-sustaining levels of special status birds, through the loss of both nesting and foraging habitat.

Policies in the General Plan were identified as mitigating the effects of development that could occur under the provisions of the General Plan. Policy ER 34.3 requires the City to consider the potential impact on sensitive plants for each project and to require pre-construction surveys when appropriate.

The General Plan EIR concluded that the cumulative effects of development that could occur under the General Plan would be less than significant as they related to effects on special status plant species, reduction of habitat for special status invertebrates, loss of habitat for special status birds, loss of habitat for special status amphibians and reptiles, loss of habitat for special status mammals, special status fish and, in general, loss of riparian habitat, wetlands and sensitive natural communities.

The General Plan concluded that the cumulative effects of development that could occur under would be less than significant with mitigation incorporated as they related to effects on special status plant species, reduction of habitat for special status invertebrates, loss of habitat for special status birds, loss of habitat for special status amphibians and reptiles, loss of habitat for special status mammals, special status fish and, in general, loss of riparian habitat, wetlands and sensitive natural communities.

***Discussion***

a. **Less than Significant with Mitigation Incorporated.** No special status species are presumed present within the project area. Considering the amount of development and hardscape in the project area, the current frequency and volume of human activity and the implementation of minimization and avoidance measures incorporated into the project design, the project would not have an adverse effect to special status species. To minimize and avoid potential impacts to potential wildlife, including nesting birds, the project would comply with mitigation measures BIO-1 through BIO-9.

b. **Less than Significant.** As shown in **Figure 4**, riparian habitat was not observed within the project construction limits.

c. **No impact.** The biological survey conducted on April 24, 2025, did not identify any waters or wetlands within the project area.

d. **Less than Significant with Mitigation Incorporated.** No interference would take place with the movement of any native resident or migratory fish or wildlife species or with any established native resident or migratory wildlife corridors. Project construction will take place mostly on landscaped and hardscape area. To protect migratory birds, mitigation measure BIO-7 will be implemented to ensure protection of migratory nesting birds.

e. **Less than Significant with Mitigation Incorporated.** The proposed project is subject to the City of Citrus Heights Tree Ordinance. Trees may be impacted by the proposed project. The trees will be removed prior to construction along the widened road and multiuse pathway. Alternatives 1 and 2 would affect up to 0.19 and 0.11 acres of oak woodland habitat, respectively. According to the City of Citrus Heights Tree Preservation and Protection Regulations, native oak trees are 6 inches or more in

diameter, and mature trees 19 inches or more in diameter are protected and require a permit for removal. Some removals may require the replanting of trees or the payment of a mitigation fee and a report from a certified arborist. An arborist survey will be conducted by a certified arborist to determine species found within the project area, and, if necessary, a tree removal permit will be obtained from both Cities prior to construction. Mitigation measure BIO-1 through BIO-9 will also be implemented to further reduce impacts to vegetation within the project area.

f. **No Impact.** No adopted Habitat Conservation Plans or other similar plan cover the Project area.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project-Level Mitigation Measures***

**BIO-1:** Prior to the start of construction activities, the Project limits within environmentally sensitive areas (oak woodlands), will be marked with high visibility Environmentally Sensitive Area (ESA) fencing or staking to ensure construction will not further encroach into sensitive resources.

**BIO-2:** Contract specifications will include the following Best Management Practices (BMPs), where applicable, to reduce erosion during construction:

1. Exposed soils and material stockpiles would be stabilized, through watering or other measures, to prevent the movement of dust at the Project site caused by wind and construction activities such as traffic and grading activities;
2. All vehicle and equipment fueling/maintenance would be conducted outside of oak woodland habitat;
3. Equipment used in and around oak woodland habitat must be in good working order and free of dripping or leaking contaminants;
4. Raw cement, concrete or concrete washings, asphalt, paint or other coating material, oil or other petroleum products, or any other substances that could be hazardous to wildlife shall be prevented from contaminating the soil;
5. All erosion control measures would be properly maintained throughout construction;
6. All construction materials would be hauled off-site after completion of construction.

**BIO-3:** All onsite refueling and maintenance must occur over plastic sheeting, drip pans, or other secondary containment measures to capture accidental spills before they can contaminate the soil. Secondary containment must have a raised edge (e.g. sheeting wrapped around wattles).

**BIO-4:** A chemical spill kit must be kept onsite at all times during work and must be easily accessible for use in the event of a spill.

**BIO-5:** In accordance with the City of Citrus Heights Tree Preservation and Protection Regulations, protected trees within the Project footprint will be preserved to the extent feasible. For trees removed for the multiuse trail, a tree permit will be obtained from the City prior to construction. Tree impact and avoidance measures shall be incorporated into the final design of the improvement plans. A certified arborist shall consult and make recommendations for design treatments, modifications, and construction techniques to minimize tree removal and construction impacts.

**BIO-6:** Prior to arrival at the Project site and prior to leaving the Project site, construction equipment that may contain invasive plants and/or seeds will be cleaned to reduce the spreading of noxious weeds.

**BIO-7:** If project-related activities, including vegetation removal or initial ground disturbance, are scheduled during the nesting bird season (February 1 – August 31) a pre-construction nesting bird survey must

be conducted by a biologist prior to the start of work. The nesting bird survey must include the Project area plus a 100-foot buffer. Within 2 weeks of the nesting bird survey, all areas surveyed by the biologist must be cleared by the contractor or a supplemental nesting bird survey is required.

An approximate 100-foot no-disturbance buffer will be established around any active nest of migratory birds, and an approximate 300-foot no-disturbance buffer will be established around any nesting birds of prey species. The contractor must immediately stop work in the buffer area until the appropriate buffer is established and is prohibited from conducting work within the buffer until the biologist has determined that the nestlings have fledged and are foraging independently. A reduced buffer, or other avoidance strategies, can be established if deemed appropriate by the City and biologist.

**BIO-8:** All food-related trash must be disposed of into closed containers and must be removed from the Project area daily. Construction personnel must not feed or otherwise attract wildlife or feral animals to the Project area.

**BIO-9:** If any wildlife (e.g., amphibians, birds, mammals, reptiles, etc.) are encountered during the course of construction, said wildlife shall be allowed to leave the construction area unharmed.

***Significance Determination with Mitigation Measures***

Less than significant with mitigation incorporated.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **V. CULTURAL RESOURCES - Would the project:** | | | | |
| a. Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5? | | | X | |
| b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5? | | X | | |
| c. Disturb any human remains, including those interred outside of dedicated cemeteries? | | X | | |

***Regulatory Setting***

CEQA established statutory requirements for establishing the significance of historical resources in PRC Section 21084.1. The CEQA Guidelines (Section 10564.5[c]) also require consideration of potential project impacts to "unique" archaeological sites that do not qualify as historical resources. The statutory requirements for unique archaeological sites that do not qualify as historical resources are established in PRC Section 21083.2. These two PRC sections operate independently to ensure that significant potential effects on historical and archaeological resources are considered as part of a project's environmental analysis. Historical resources, as defined in Section 15064.5 as defined in the CEQA regulations, include 1) cultural resources listed in or eligible for listing in the California Register of Historical Resources; 2) cultural resource included in a local register of historical resources; 3) any object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant or significant in one of several historic themes important to California history and development.

Under CEQA, a project may have a significant effect on the environment if the project could result in a substantial adverse change in the significance of a resource, meaning the physical demolition, destruction, relocation, or alteration of the resource would be materially impaired. This would include any action that would demolish or adversely alter the physical characteristics of an historic resource that conveys its historic significance and qualify it for inclusion in the CRHR or in a local register or survey that meets the requirements of PRC Section 5020.1(l) and 5024.1(g). PRC Section 5024 also requires state agencies to identify and protect sate-owned resources that meet.

National Register of Historic Place listing criteria. Sections 5024(f) and 5024.5 require state agencies to provide notice to and consult with the State Historic Preservation Officer (SHPO) before altering, transferring, relocation, or demolishing state-owned historical resources that are listed on or are eligible for inclusion in the National Register or are registered or eligible for registration as California Historical Landmarks.

CEQA and the CEQA Guidelines also recommend provisions be made for the accidental discovery of archaeological sites, historical resources, or Native American human remains during construction (PRC Section 21083.2(i) CCR Section 15064.5[d and f]).

***Affected Environment***

Efforts to identify potential archaeological resources in the Area of Potential Effects (APE) are detailed in this report and include historical research, a search of the Sacred Lands File (SLF) by the Native American Heritage Commission (NAHC), a search of site records and survey reports on file at the North Central Information Center

(NCIC), efforts to coordinate with Native American representatives, and a pedestrian survey. **Figure 5** is the APE map. A search of the California Historical Resources Information System (CHRIS) from the North Central Information Center (NCIC) located at California State University, Sacramento, was conducted on April 8, 2025, which included the entire proposed Project area as well as a half-mile radius.

Results of the record search indicate that four previous studies have been completed within the Project area while an additional 15 studies have been completed previously within a half-mile radius of the Project area. The record search identified nine cultural resources within a 0.5-mile radius of the APE, including historic built environment resources (two railroads and one ranch), two foundations of destroyed historic structures, one multicomponent historic trash scatter and indigenous habitation, one indigenous lithic scatter, one historic trash scatter, and one indigenous habitation site.

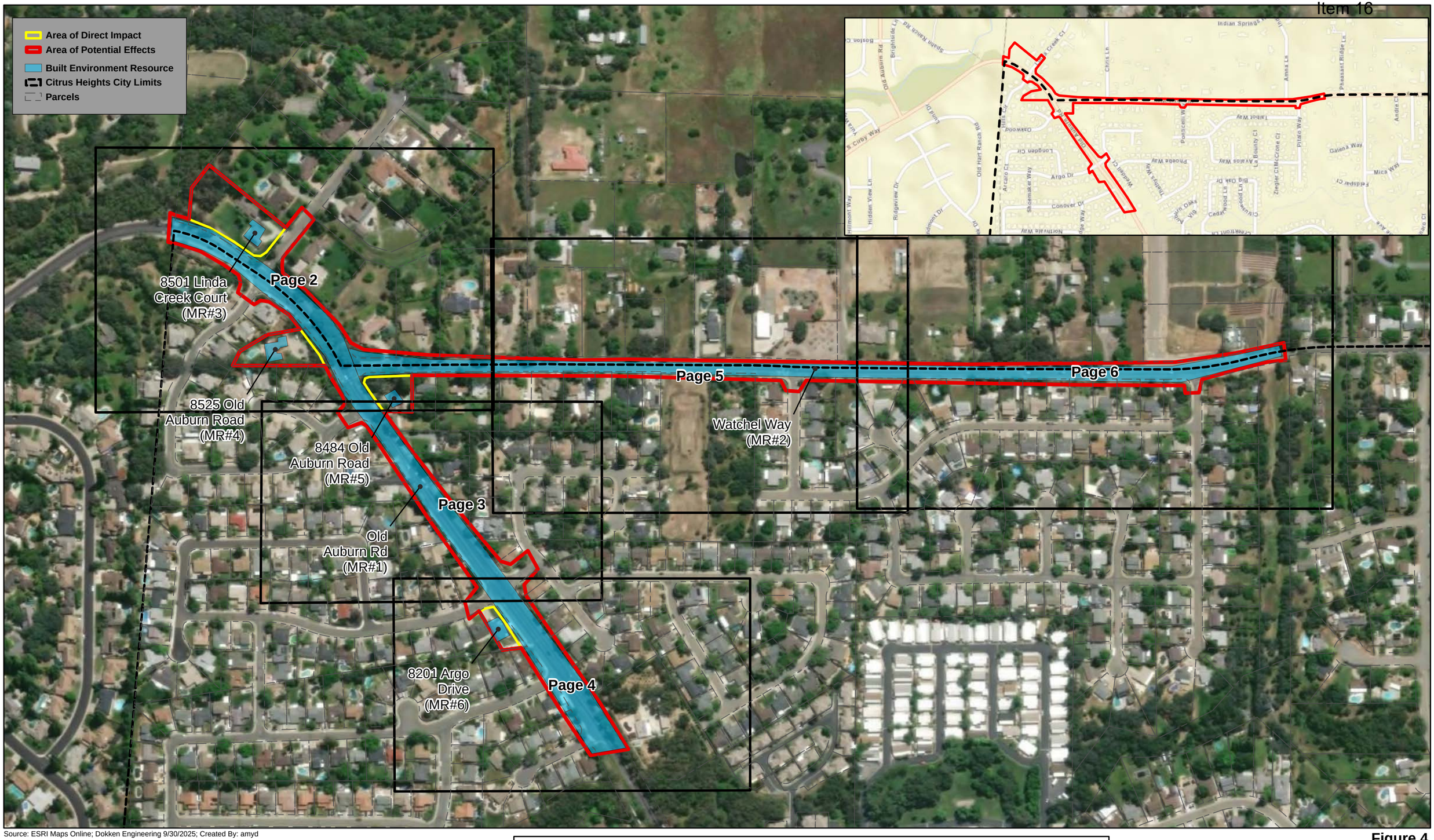
The City conducted consultation with Native American tribes under PRC §21080.3.1 (also referred to as AB 52) via certified letter on April 29, 2025. For the United Auburn Indian Community (UAIC), the letter was submitted on April 29, 2025, to the tribe's website portal. The City notified the following tribes of an opportunity to consult with the City regarding the potential for this Project to impact Native American cultural resources: Buena Vista Rancheria of Me-Wuk Indians, Colfax-Todds Valley Consolidated Tribe, Ione Band of Miwok Indians, Nashville Enterprise Miwok-Maidu-Nishinam Tribe, Shingle Springs Band of Miwok Indians, Tsi Akim Maidu, United Auburn Indian Community, and Wilton Rancheria. The UAIC responded to the City via email regarding initial AB 52 consultation, including scheduling a field survey attended by the UAIC and the City's consultant archaeologist.

A pedestrian survey of the APE was conducted by archaeologist from Dokken Engineering on June 12, 2025, for the purpose of identifying and recording archaeological resources. A representative from the United Auburn Indian Community participated in the pedestrian survey. No constraints to the survey were encountered as full access was obtained prior to completing the survey. No indigenous resources were identified as a result of the identification efforts (Dokken 2025a).

On August 31, 2025, an architectural historian from Cogstone surveyed the Project area. The architectural historian photographed and documented the two segments of Old Auburn Way and Wachtel Way and the four private residences at 8201 Argo Drive, 8484 Old Auburn Road, 8501 Linda Creek Court, and 8525 Old Auburn Road. All resources were newly documented in a total of six Department of Parks and Recreation (DPR) 523 forms, evaluated for historic significance, and labeled on Figure 5 as "Map Reference" (MR#1-6).

The historic in age roads will be directly impacted by the Project and include a 2,916.67 foot segment of Old Auburn Road and a 3,172.57 foot segment of Wachtel Way. The four historic in age residences will be indirectly impacted by the Project and are located on Accessor Parcel Numbers (APNs) that have ROW acquisition.

Due to a lack of historic significance and lack of historic integrity, these resources are recommended not eligible for listing in the National Register of Historic Places (NRHP) at the national, state, or local level. No further work pertaining to these six resources is recommended (Cogstone 2025).




Source: ESRI Maps Online; Dokken Engineering 9/30/2025; Created By: amyd

1:3,600

0 300 600 900 1,200 1,500 Feet

**Area of Potential Effects**

CALTRANS District 3 DLAE Date

CALTRANS District 3 PQS Date

**Figure 4**
**Area of Potential Effects**
Alternative 2
Page 1 of 6
Citrus Heights Gateway Activation Project
Citrus Heights, Sacramento County, California

Area of Direct Impact
Area of Potential Effects
Built Environment Resource
Citrus Heights City Limits
Parcels

8501 Linda Creek Court (MR#3)

Old Auburn Rd (MR#1)

8525 Old Auburn Road (MR#4)

Watchel Way (MR#2)

8484 Old Auburn Road (MR#5)

Matchline - See Page 3

Matchline - See Page 5

Source: ESRI Maps Online; Dokken Engineering 9/30/2025; Created By: amyd

1:1,200

0 100 200 300 400 500 Feet

**Figure 4**
**Area of Potential Effects**
Alternative 2
Page 2 of 6
Citrus Heights Gateway Activation Project
Citrus Heights, Sacramento County, California

Area of Direct Impact
Area of Potential Effects
Built Environment Resource
Citrus Heights City Limits
Parcels

Matchline - See Page 2

8484 Old Auburn Road (MR#5)

Old Auburn Rd (MR#1)

8201 Argo Drive (MR#6)

Matchline - See Page 4

Source: ESRI Maps Online; Dokken Engineering 9/30/2025; Created By: amyd

1:1,200

0 100 200 300 400 500 Feet

**Figure 4**
**Area of Potential Effects**
Alternative 2
Page 3 of 6
Citrus Heights Gateway Activation Project
Citrus Heights, Sacramento County, California

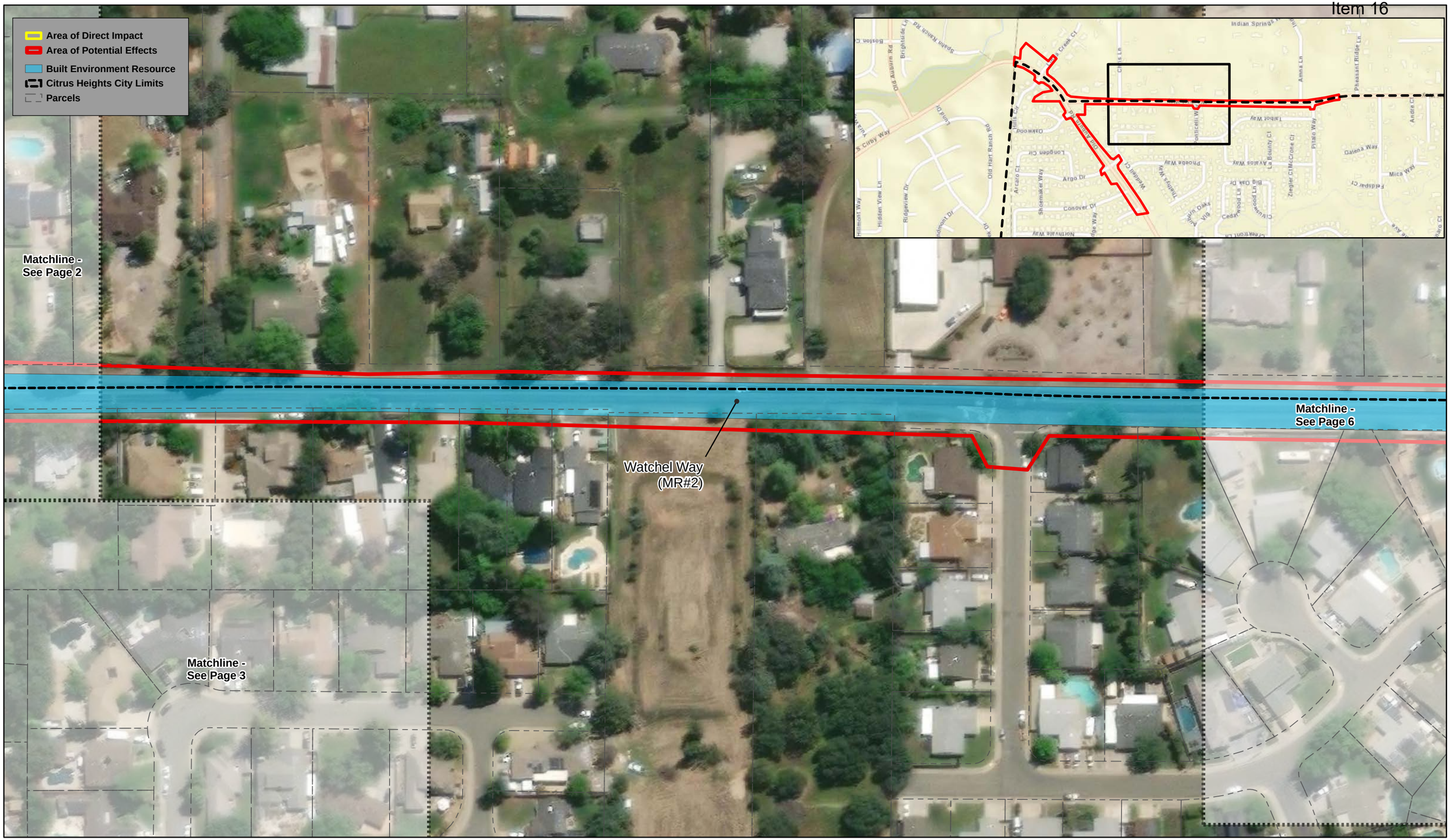



Source: ESRI Maps Online; Dokken Engineering 9/30/2025; Created By: amyd

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0 100 200 300 400 500 Feet

**Figure 4**
**Area of Potential Effects**
Alternative 2
Page 4 of 6
Citrus Heights Gateway Activation Project
Citrus Heights, Sacramento County, California

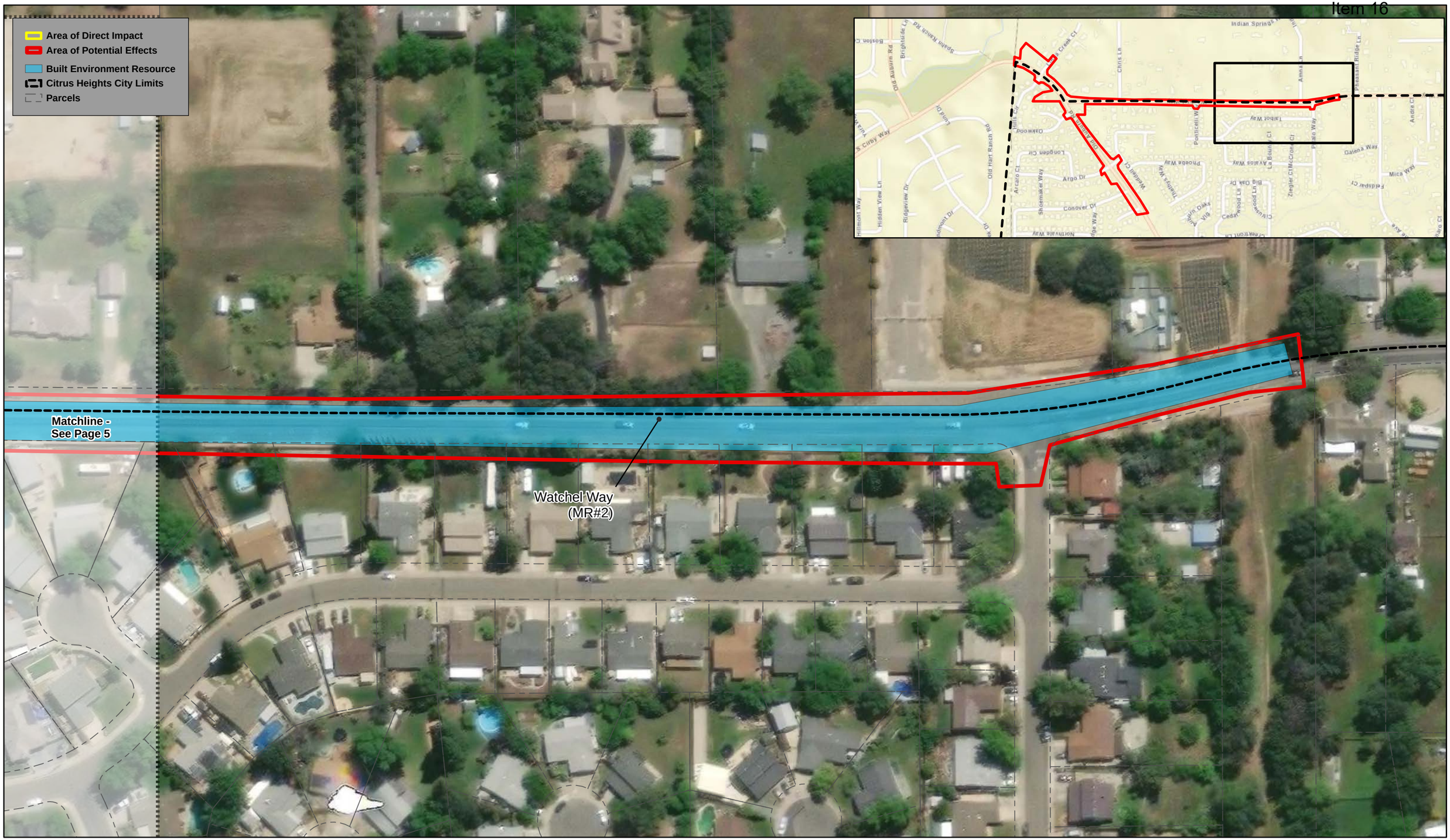



Source: ESRI Maps Online; Dokken Engineering 9/30/2025; Created By: amyd

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**Figure 4**
**Area of Potential Effects**
Alternative 2
Page 5 of 6
Citrus Heights Gateway Activation Project
Citrus Heights, Sacramento County, California




Source: ESRI Maps Online; Dokken Engineering 9/30/2025; Created By: amyd

1:1,200

0 100 200 300 400 500 Feet

**Figure 4**
**Area of Potential Effects**
Alternative 2
Page 6 of 6
Citrus Heights Gateway Activation Project
Citrus Heights, Sacramento County, California

***Discussion***

a. **Less than Significant**. The two road segments and four houses are potential historic resources. They were evaluated by a professional historian and recommended that the properties were not eligible for listing in the NRHP at the national, state, or local level due to a lack of historic significance and lack of historic integrity.

b. **Less than Significant with Mitigation Incorporated.** Based on the historical research, a search of the Sacred Lands File by NAHC, a search of site records and survey reports on file at the NCIC, efforts to coordinate with Native American representatives, and a pedestrian survey, there are no known archaeological resources within proximity of the Proposed Project. While the APE location is within an area of older Pleistocene aged soils with very low sensitivity for buried archaeological resources, there remains a possibility that an unanticipated discovery of buried cultural materials could be encountered during construction. Impacts to unknown archaeological deposits, which could qualify as historical resources or unique archaeological sites under CEQA, could result in a significant impact under CEQA. Implementation of mitigation measures CR-1 through CR-4 will reduce these potential impacts to a less-than-significant level.

c. **Less than Significant with Mitigation Incorporated.** No human remains or cemeteries were identified within proximity of the Proposed Project. There is potential for earthwork and grading to result in the disturbance of previously unrecorded human remains, which is considered a significant impact. To reduce this impact to a less-than-significant level, the City would implement Mitigation Measure CR-3.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None

***Additional Project-Level Mitigation Measures***

**CR-1:** Prior to construction, cultural resource awareness and sensitivity training shall be provided to all construction crew members to ensure that the crew members are aware of the potential for sensitive cultural resources to be present onsite. The awareness and sensitivity training would also include an established protocol for informing the resident engineer of any accidentally discovered cultural resources.

Treatment of Discoveries:

**CR-2:** If significant historical, paleontological, archaeological, or tribal cultural resources are discovered within the APE, ground disturbing activities shall be suspended 100 feet around the resource(s). The archaeological monitor, a representative of the appropriate Native American Tribe(s) (if discovery is prehistoric), and the City shall confer regarding mitigation of the discovered resource(s). All discovered archaeological resources should be documented by field notation, analysis, photography, and GPS mapping. Work shall not resume in the area until mitigation has been completed, or it has been determined that the archaeological resource(s) is not significant.

Disposition of Discoveries:

**CR-3:** If human remains are encountered, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the Coroner would notify the Native American Heritage Commission (NAHC), which would determine and notify a Most Likely Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 48 hours of notification by the NAHC. The MLD may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials.

**CR-4:** In the event that Native American cultural resources are inadvertently discovered during the course of construction, the City shall relinquish ownership of all Native American cultural resources, including sacred items, burial goods, and all archaeological artifacts and non-human remains as part of the required mitigation for impacts to Native American cultural resources. Prior to relinquishment, all discovered archaeological resources should be documented by field notation, photography, and GPS mapping. After consultation with the appropriate Native American Tribe(s), non-destructive analysis may be conducted.

***Significance Determination with Mitigation Measures***
Less than significant with mitigation incorporated.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **VI. ENERGY - Would the project:** | | | | |
| a. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation? | | | | X |
| b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency? | | | | X |

SMUD provides electrical service to the planning area. SMUD generates, transmits, and distributes electric power to a 900-square-mile service area that includes Sacramento County and a small portion of Placer County. SMUD receives its electricity from diverse and competitively priced resources, including hydro generation; cogeneration plants; advanced and renewable technologies such as wind, solar and biomass/landfill gas power; and power purchased on the wholesale market.

Several General Plan policies were specifically designed to lower per-capita energy consumption in the City, including Policy 40.1, Policy 40.2, and Policy 41.1 in the Energy Element. It is also consistent with Policy 29.1 of the Transportation and Mobility Element, which is to strive to provide for the movement of vehicles, commercial trucks, alternative and low energy vehicles, transit, bicyclists and pedestrians appropriate for the road classification and adjacent land use when constructing or modifying transportation facilities (CCHGP EIR 2011b).

***Discussion***

a. **No Impact.** The Proposed Project will not result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation.

Implementation of the proposed project is consistent with the approved CCHGP EIR and the Bikeway Master Plan. By design, proposed improvements include consistency with the goals and actions identified by the City's General Plan pertaining to sustainability and an overall strategy for reduction of greenhouse gas emissions and air quality improvement. Reductions in greenhouse gas emissions and air quality emissions integrally reduce energy consumption and improve energy efficiency.

This analysis evaluates the use of energy resources (e.g., fuel and electricity) associated with the construction and operation of the project. For construction, the analysis considers whether construction activities would use large amounts of fuels or energy, and whether they would be used in a wasteful manner. For energy used during operation and maintenance, the analysis identifies energy use that would occur with implementation of the project to determine whether large amounts would be used and whether they would be used in a wasteful manner.

Construction of the project would require the use of fossil fuels (primarily gas, diesel, and motor oil) for a variety of activities, such as excavation, grading, demolition, and vehicle travel. The precise amount of construction-related energy consumption is uncertain. Construction would not require a large amount of fuel or energy usage because of the moderate number of construction vehicles and equipment, worker trips, and truck trips that would be required for a project of this scale. In addition, equipment idling times would be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes or less (as required by the California airborne toxics

control measure Title 13, Section 2485 of the California Code of Regulations [CCR]). Therefore, project construction would not encourage activities that would result in the use of large amounts of fuel and energy in a wasteful manner; the impact would be less than significant, and no mitigation is required.

Project operation consists of intersection enhancements such as roundabouts, as well as the installation of pedestrian and bicycle facilities such as multi-use pathways, Class IV bikeways, crosswalks, sidewalks, and Americans with Disabilities Act (ADA)-compliant curb ramps. Additional LED bulb streetlights are consistent with the CCHGP EIR action 4-5.C.A which directs that all street and traffic lights are to be converted to LED bulbs or LED-Solar combined systems and 4-5.C.B which directs the installation of high-efficiency lighting in all City-owned or funded facilities. Therefore, operation of the project would not use large amounts of energy and would not use it in a wasteful manner. The project's operational impact would be less than significant, and no mitigation is required.

b. **No Impact.** The Project supports several General Plan transportation goals and actions aimed at expanding multi-modal transportation options, improving bicycle accessibility, and bridging gaps in the existing bicycle network including Policy 3.5, Policy 7.6, Policy 29.1, Policy 29.2, Policy 29.4, Policy 53.2, Action 29.1.D, and Action 29.4.D. By enhancing energy-efficient transportation choices within the County, the Project would have a positive impact on overall energy efficiency. As a result, the Project would not conflict with or hinder any state or local renewable energy plans, and no impact would occur.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project-Level Mitigation Measures***

None required.

***Significance Determination with Mitigation Measures***

Less than significant with mitigation incorporated.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **VII. GEOLOGY AND SOILS - Would the project:** | | | | |
| a. Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving: | | | | X |
| i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42. | | | | X |
| ii. Strong seismic ground shaking? | | | | X |
| iii. Seismic-related ground failure, including liquefaction? | | | | X |
| iv. Landslides? | | | | X |
| b. Result in substantial soil erosion or the loss of topsoil? | | X | | |
| c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse? | | | | X |
| d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property? | | | | X |
| e. Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater? | | | | X |
| f. Directly or indirectly destroy a unique paleontological resource or site or unique geological feature. | | X | | |

***Regulatory Setting***

For geologic and topographic features, the key federal law is the Historic Sites Act of 1935, which establishes a national registry of natural landmarks and protects "outstanding examples of major geological features." Topographic and geologic features are also protected under the CEQA. This section also discusses geology, soils, and seismic concerns as they relate to public safety and project design. Earthquakes are prime considerations in the design and retrofit of structures.

***Setting***

Geology and Topography

The Project area is situated within two geomorphic provinces: the Great Valley Geomorphic Province to the west and Sierra Nevada Geomorphic Province to the east (California Geological Survey 2002). The Great Valley of California, also called the Central Valley, is a nearly flat alluvial plain extending from the Tehachapi Mountains in the south to the Klamath Mountains in the north, and from the Sierra Nevada in the east to the Coast Ranges in the west. The Proposed Project is located in the transition area between the Sacramento Valley and the western foothills of the Sierra Nevada mountain range. The Project area is located on the Turlock Lake geological unit which has been found to contain fossils in other areas of the Central Valley (Citrus Heights 2011b).

Elevation for the project area is ranges from approximately 185 feet above msl at the northern project limit on Old Auburn Road to 215 feet at the southern end of the project limits on Wachtel Way. The overall topography of the City of Citrus Heights, as well as the Proposed Project sites, is relatively flat. As a result, no landslides or landslide deposits have been mapped within the City.

Soil

Soil composition within the BSA consists of Xerofluvents, frequently flooded (~1.1% of the BSA), Fiddyment-Orangevale-Urban land complex (~48.8% of the BSA), Urban land-Xerarents-Fiddyment complex (~46.2% of the BSA), and Xerofluvents, flooded (~3.9% of the BSA) (Dokken 2025).

***Discussion***

a.i-iv. **No Impact.** The project would not expose people or structures to potential substantial or adverse effects.

i. California Department of Conservation (CDC) California Geological Survey does not list Sacramento County as affected by the Alquist-Priolo Earthquake Fault Zone. According to the Fault Activity Map of California and Adjacent Areas, no active faults are located within the project area.

ii. The proposed project would not expose people or structures to seismic ground shaking due to the lack of active faults within the City and the nature of the proposed project activities.

iii. The project would not create ground failure or liquefaction. Given the soil types and depth to bedrock, the ground at this site is not prone to liquefaction. In addition, the project does not involve the construction of structures which would regularly be occupied by people.

iv. The CDC does not list Sacramento County as an area at risk for Landslides as identified in the California Department of Transportation's (Caltrans) Highway Corridor Mapping project (CDC 2007). The project would not expose people or structures to substantial risk of landslides.

b. **Less than Significant with Mitigation Incorporated.** Stormwater discharges within portions of Sacramento County, including the City, are permitted under Phase II of the NPDES small Municipal Separate Storm Sewer System (MS4) (General Order No. R5-2016-040 / NPDES Permit No. CAS0085324) . The program is part of the Federal Clean Water Act, administered in California by the Regional Water Quality Control Boards. The NPDES regulations require permitted areas to implement specific activities and actions to protect water quality by eliminating non-stormwater discharges and controlling stormwater pollution (CVRWQCB 2025). As a requirement, the Proposed Project would comply with the City's MS4 permit for discharges of urban runoff from, including the implementation of Low Impact Development (LID) practices, where applicable. The Proposed Project would comply with the City's Design and Construction Standards on standard erosion control and BMPs. The Proposed Project will comply with the City's Stormwater Discharge Control Measures, listed in the City's Municipal Code (Chapter 98. Article V), which will adequately control erosion and effectively prohibit non-stormwater discharges (City of Citrus Heights 2025b). The project would comply with the

Sacramento Stormwater Quality Partnership's Stormwater Quality Design Manual for the Sacramento Region (SQDM), which will adequately control all erosion. Implementation of Mitigation Measure GEO-1 would reduce potential impacts from soil erosion to a **less-than-significant** level.

Project construction would not generate soil erosion concerns or the loss of topsoil. Standard BMPs will be implemented during construction. To prevent the substantial soil erosion or the loss of topsoil during construction, the Project will implement Mitigation Measure HYD-1, which requires the Project to obtain coverage under the Construction General Permit and the preparation of a SWPPP.

c. **No Impact.** The project is not located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse.

d. **No Impact.** The project is not located on expansive soil. Special design considerations are not required for expansive soils, as they are not located within the project area.

e. **No Impact.** The proposed projects would not use a septic tank system. In addition, sewage is not required for proposed project; therefore, the project will have no impacts related to septic systems.

f. **Less than Significant with Mitigation Incorporated.** Unique paleontological resources or unique geologic features are not documented within the Project Area. There is a possibility of unanticipated and accidental paleontological discoveries during subsurface excavation. Implementation of CCHGP EIR Mitigation Measure 4.7-7 would reduce impacts related to potential damage to unique paleontological resources to a **less-than-significant** level by ensuring that earth disturbing activities cease if any possible resources are uncovered, minimizing potential adverse impacts on unique, scientifically important paleontological resources.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

City of Citrus Heights General Plan EIR Mitigation Measure 4.7-7 is applicable to the Proposed Project.

**Mitigation Measure 4.7-7: Discovery of Potential Paleontological Resources**
If potential paleontological resources are detected by construction workers or City staff during construction of future land uses, work shall stop immediately, and consultation is required to avoid further impacts. Actions after work stoppage will be designed to avoid significant impacts to the greatest extent feasible. These measures could include, but are not limited to, construction worker personnel education, consultation with a qualified paleontologist, coordination with experts on resource recovery and curation of specimens, and/or other measures considered appropriate after further consultation.

***Additional Project-Level Mitigation Measures***

**GEO-1:** The Proposed Project will comply with the City's Stormwater Discharge Control Measures, listed in the City's Municipal Code (Chapter 98. Article V), which will adequately control erosion and effectively prohibit non-stormwater discharges (City of Citrus Heights 2025b). To prevent the substantial soil erosion or the loss of topsoil post-construction, the Project design will comply with the Sacramento Stormwater Quality Partnership's Stormwater Quality Design Manual for the Sacramento Region (SQDM) to adequately control erosion.

**HYD-1:** The proposed Project would require coverage under the NPDES General Construction Permit for Discharges of storm water associated with construction activities (2022 Construction Stormwater General Permit, Order 2022-0057-DWQ). A SWPPP would also be developed and implemented as part of the Construction General Permit. This SWPPP will incorporate all applicable BMPs to ensure that adequate measures are taken during construction to minimize impacts to water quality.

***Significance Determination with Mitigation Measures***

Not applicable.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **VIII. GREENHOUSE GAS EMISSIONS - Would the project:** | | | | |
| a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment? | | | X | |
| b. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases? | | | X | |

***Setting***

As part of its action in approving the City of Citrus Heights General Plan, the City Council certified the General Plan EIR that evaluated the environmental effects of development that is reasonably anticipated under the new General Plan. The General Plan EIR includes extensive discussion of the potential effects of greenhouse gas emissions. The General Plan EIR discussions regarding climate change are incorporated here by reference. See, for example:

*Final EIR: Greenhouse Gas Reduction Plan*
This document is available at http://www.citrusheights.net/203/Greenhouse-Gas-Reduction-Plan and at the offices of City of Citrus Heights at 6237 Fountain Square Drive, Citrus Heights, California.

The proposed project is consistent with the land use designations for the project site. The project would result in the generation of greenhouse gases during construction and operation, as discussed below.

***Environmental Consequences***

Short-Term Construction Emissions

During construction of the proposed project, temporary GHG emissions would be emitted from the operation of construction equipment and from worker supply vendor vehicles. Emissions from construction equipment are not expected to exceed the threshold of significance.

Long-Term Construction Emissions

Because the proposed project consists of road improvements, and does not increase capacity of the roadway, there are no long-term operational activities associated with the project. The project would not lead to changes in vehicular operations and associated emissions. While there may be maintenance visits to the project site, these visits are expected to be infrequent, and occur for emergency repair or for repaving, which occurs after the lifetime of the installed pavement has been reached. Long term operational emissions are thus expected to be negligible.

Ongoing Activities

*City of Citrus Heights*
The General Plan includes a Greenhouse Gas Reduction Plan for the City. The Greenhouse Gas Reduction Plan

provided additional guidance, strategies and measures for the City's ongoing efforts to reduce GHG emissions. To prevent the continued escalation of GHG emissions, the Greenhouse Gas Reduction Plan establishes a 2020 target (10 to 15 percent below 2005 levels) to reduce annual emissions levels consistent with state laws and guidelines. According to the Greenhouse Gas Reduction Plan, the actions that could be quantified along with those that could not outline a path to meet the City's 2020 reduction target, consistent with state laws and guidelines. When combined with quantified state and federal legislative reductions, primary actions contained in the Greenhouse Gas Reduction Plan offer a potential reduction of about 145,677 metric tons of carbon dioxide equivalent ($CO_2e$) annually. This level of reduction will meet the City's 2020 target of 10 to 15 percent and is consistent with state laws.

*State and Federal Levels*
In addition to the Greenhouse Gas Reduction Plan, GHG-reduction strategies continue at the state and federal level to combat climate change. In December 2009, the EPA listed GHG as harmful emissions under the Clean Air Act. This action could eventually result in regulations with a purpose of reducing such emissions.

The General Plan EIR concluded that GHG emissions that could be emitted by development that is consistent with the General Plan would be less than significant. The General Plan EIR includes a full analysis of GHG emissions and climate change and adequately addresses these issues. As indicated in the General Plan EIR, future development within the City of Citrus Heights will be required to comply with Assembly Bill (AB) 32 and with the Sacramento Area Council of Governments (SACOG) 2035 Metropolitan transportation Plan (MTP). The 2035 MTP is anticipated to meet the AB 32 goal of reaching 1990 transportation emissions by 2020. The City is not anticipating an increase in GHG emission with the incorporation of reduction measures. The proposed project must comply with the General Plan policies and measures for the reduction of GHGs to comply with the 2035 MTP and AB 32. Because the traffic from the proposed project was assumed in the 2035 MTP, and the 2035 MTP is anticipated to meet the goals of AB 32, the proposed project would comply with the 2035 MTP. AB 32 requires an approximate 29 percent reduction from existing emissions on a statewide level in order to achieve the goal of reducing GHG emissions to 1990 levels by 2020.

The General Plan EIR for the City of Citrus Heights allows for periodic maintenance on established arterial streets, such as Old Auburn Road and Wachtel Way, therefore the GHG emissions increase that would occur with implementation of the project has been accounted for in the General Plan. The project would not impede the City's efforts to comply with AB 32 requirements. Therefore, the projects cumulative impacts related to construction and operation of the proposed project conflicting with applicable plans, policies, or regulations adopted for the purpose of reducing GHG emissions would be less than significant. The project would not have any significant additional environmental effects relating to GHG emissions or climate change.

***Discussion***

a. **Less than Significant.** GHG emissions produced during construction operations are those that result from potentially increased traffic volumes or changes in automobile speeds. The Proposed Project would not increase the number of automobiles in the traffic system or permanently influence automobile speeds. Overall traffic flow is not expected to change; thus, the project is not anticipated to increase $CO_2$ emissions. Lower speeds, such as those experienced in congested areas, generally result in higher $CO_2$ emissions rates. The construction activities are temporary and traffic impacts during construction would not result in a potentially significant impact. Traffic delays would be further minimized by implementing traffic control measures as described in Measure **TRA-1** discussed in the Transportation Section. Although the Proposed Project would contribute to GHG levels during construction, construction activities would only be short-term, resulting in negligible GHG emissions from the construction equipment and worker vehicles which would have a less-than-significant impact to generation of GHG emissions in the region. No permanent impacts from GHG emissions or climate change would result from long term operation of the storm drain system. Therefore, the Proposed

Project's contribution to global climate change through GHG emissions would be considered a *Less Than Significant Impact*.

b. **Less than Significant.** The proposed project would not conflict with the City of Citrus Heights Greenhouse Gas Reduction Plan. The proposed project would not conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project-Level Mitigation Measures***

None required.

***Significance Determination with Mitigation Measures***

Less than significant.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **IX. HAZARDS AND HAZARDOUS MATERIALS - Would the project:** | | | | |
| a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials? | | X | | |
| b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? | | X | | |
| c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school? | | | X | |
| d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment? | | X | | |
| e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area? | | | | X |
| f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan? | | | | X |
| g. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires? | | | | X |

***Regulatory Setting***

Hazardous materials and hazardous wastes are regulated by many state and federal laws. These include not only specific statutes governing hazardous waste, but also a variety of laws regulating air and water quality, human health and land use.

Federal law covers a number of different activities involving asbestos, including demolition and renovation of structures (40 CFR § 61.145). Federal regulations and regulations adopted by the Sacramento Metropolitan Air Quality Management District Management District (SMAQMD) apply to the identification and treatment of hazardous materials during demolition and construction activities. Failure to comply with these regulations respecting asbestos may result in a Notice of Violation being issued by the AQMD and civil penalties under

state and/or federal law, in addition to possible action by U.S. EPA under federal law.

Hazardous waste in California is regulated primarily under the authority of the federal Resource Conservation and Recovery Act of 1976, and the California Health and Safety Code. Other California laws that affect hazardous waste are specific to handling, storage, transportation, disposal, treatment, reduction, cleanup and emergency planning.

Worker health and safety and public safety are key issues when dealing with hazardous materials that may affect human health and the environment. Proper disposal of hazardous material is vital if it is disturbed during project construction.

**SMAQMD Rule 902 and Commercial Structures and Asbestos Demolition Requirements**

The work practices and administrative requirements of Rule 902 apply to all commercial renovations and demolitions where the amount of Regulated Asbestos-Containing Material (RACM) is greater than:

- 260 lineal feet of RACM on pipes, or
- 160 square feet of RACM on other facility components, or
- 35 cubic feet of RACM that could not be measured otherwise.

The administrative requirements of Rule 902 apply to any demolition of commercial structures, regardless of the amount of RACM.

**Asbestos Surveys**

To determine the amount of RACM in a structure, Rule 902 and PCAPCD requirements state that a survey be conducted prior to demolition or renovation unless:

- the structure is otherwise exempt from the rule, or
- any material that has a propensity to contain asbestos (so-called "suspect material") is treated as if it is RACM.

Surveys must be done by a licensed asbestos consultant and require laboratory analysis. Asbestos consultants are listed in the phone book under "Asbestos Consultants." Large industrial facilities may use non-licensed employees if those employees are trained by the U.S. EPA. Questions regarding the use of non-licensed employees should be directed to the AQMD and PCAPCD.

*Removal Practices, Removal Plans/Notification and Disposal*

If the survey shows that there are asbestos-containing materials present, the SMAQMD and PCAPCD recommends leaving it in place.

If it is necessary to disturb the asbestos as part of a renovation, remodel, repair or demolition, Cal OSHA and the Contractors State License Board require a licensed asbestos abatement contractor be used to remove the asbestos-containing material.

There are specific disposal requirements for friable asbestos-containing material, including disposal at a licensed landfill. If the material is non-friable asbestos, any landfill willing to accept asbestos-containing material may be used to dispose of the material.

***Setting***

The provisions in Government Code Section 65962.5 are commonly referred to as the “Cortese List” (after the

Legislator who authored the legislation that enacted it). The Department of Toxic Substance Control (DTSC) maintains the EnviroStor website, pursuant to Subsection 65962.5(a). EnviroStor is the DTSC data management system for the Cortese List to track the cleanup, permitting, enforcement, and investigation of hazardous waste facilities and sites with known contamination was queried to determine if there were any sites within one mile of the Project area. The State Water Resources Control Board's GeoTracker tracks sites that require cleanup, such as Leaking Underground Storage Tank (LUST) Sites, Department of Defense Sites, and Cleanup Program Sites as required by Subsection 65962.5(c). . GeoTracker also contains records for various unregulated projects as well as permitted facilities including Irrigated Lands, Oil and Gas production, operating Permitted USTs, and Land Disposal Sites.

A review of the information available through the EnviroStor and Geotracker (2025) indicated that there are numerous current and/or historical clean-up sites within City limits. No current or historical cleanup sites are located within a 1-mile buffer of the Project area.

Naturally Occurring Asbestos (NOA) can occur in serpentine rock. The most common forms of NOA minerals are chrysotile, actinolite, and tremolite. A review of the "General Location Guide for Ultramafic Rocks in California – Areas likely to Contain Naturally Occurring Asbestos" (CGS Open-file Report 2000-19) indicated that NOA was not mapped on, or in the near vicinity of the project site. The nearest ultramafic rock formation which may be associated with naturally occurring asbestos is approximately 7.5 miles east of the project area, along the eastern banks of Folsom Lake (USGS 2015).

***Discussion***

a-b. **Less than Significant with Mitigation Incorporated.** Based on the site reconnaissance, potential sources of hazardous materials on properties adjacent to the project boundaries include the following:

- Potential for PCBs with existing pole-mounted electrical transformers
- Electrical substation , and
- Lead or chromium in yellow thermoplastic traffic striping.

Pole-mounted electrical transformers were observed on poles both on Old Auburn Road and Wachtel Way. Impacts related to emissions of hazardous materials are significant but can be mitigated to a less than significant level by following the precautions required for construction and demolition activities in areas where contamination may be present.

The proposed roadway improvements on Old Auburn Road and Wachtel Way may involve removal of yellow thermoplastic traffic striping from the existing roadway surface. Yellow traffic stripes may contain heavy metals such as lead and chromium at concentrations in excess of hazardous waste thresholds established by the CCR and may produce toxic fumes when heated. See Mitigation Measures HM-1 through HM-4.

c. **Less than Significant.** The proposed Project would not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school The closest public schools to the project area are the Crestmont Elementary School located approximately 0.44-mile northwest of Old Auburn Road and the Woodside K-8 School located over 0.5 mile southwest of Wachtel Way.

d. **Less than Significant with Mitigation Incorporated.** No hazardous waste facilities or sites with known contamination were within identified within one mile of the Project area per the EnviroStor and GeoTracker websites.

e. **No Impact.** The project is not located near an airport or airstrip. Since the project site is not located within two miles of an airport or an area for which an Airport Land Use Plan has been prepared, and no public or private airfields are within two miles of the project area, users of the proposed project would not be exposed to hazards due to over flight aircraft. Thus, no significant impact would occur, and no mitigation would be necessary.

f. **No Impact.** The project is not expected to impair the implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan for the City of Citrus Heights. The proposed project would not result in an increased concentration of large numbers of persons in any at-risk location, and the proposed project would not have a significant impact on any emergency plans. Thus, no significant impact would occur, and no mitigation would be necessary.

g. **No Impact.** The proposed project does not present conditions that are subject to wildland fires. There is no potential to expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands. Therefore, no impacts are potential or expected.

***Mitigation Measures from the City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project Level Mitigation Measures***

**HM-1:** Any leaking transformers observed during the course of the project should be considered a potential polychlorinated biphenyl (PCB) hazard. Should leaks from electrical transformers (that will either remain within the construction limits or require removal and/or relocation) be encountered during construction, the transformer fluid should be sampled and analyzed by qualified personnel for detectable levels of PCBs. Should PCBs be detected, the transformer should be removed and disposed of in accordance with Title 22, Division 4.5 of the California Code of Regulations and any other appropriate regulatory agency. Any stained soil encountered below electrical transformers with detectable levels of PCB's should also be handled and disposed of in accordance with Title 22, Division 4.5 of the California Code of Regulations and any other appropriate regulatory agency.

**HM-2:** To avoid impacts from pavement striping during construction it is recommended that removal requirements for yellow striping and pavement marking materials be performed in accordance with Caltrans Standard Special Provision 14-11.07 REMOVE YELLOW TRAFFIC STRIPE AND PAVEMENT MARKING WITH HAZARDOUS WASTE RESIDUE.

**HM-3:** As is the case for any project that proposes excavation, the potential exists for unknown hazardous contamination to be revealed during project construction (such as previously undetected petroleum hydrocarbon contamination from nearby gas stations). Should any previously unknown hazardous waste/material be encountered during construction, the procedures outlined in Caltrans Hazards Procedures for Construction shall be followed.

**HM-4:** If the project area changes (due to a change in the proposed project design or staging area), further investigation for potential hazardous waste generators would be required to determine their impact to the revised project limits.

***Significance Determination with Mitigation Measures***

Less than significant with mitigation incorporated.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **X. HYDROLOGY AND WATER QUALITY - Would the project:** | | | | |
| a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality? | | X | | |
| b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin? | | | | X |
| c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would:<br>i) result in substantial erosion or siltation on- or off-site;<br>ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;<br>iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or<br>iv) impede or redirect flood flows? | | X | | |
| d. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation? | | | | X |
| e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan? | | | X | |

***Background***

The project area is located within the American River watershed hydrologic unit which feeds into Sacramento County's River Flood Control System. There are no streams or waters within the project area. Two creeks, Cripple Creek and Linda Creek, are in the vicinity of the Project. Cripple Creek flows under Old Auburn Road approximately 200-ft southwest of the southern project limits. Linda Creek originates near the western bank of Folsom Lake in Placer County and flows southwest into Sacramento County. Passing under Hazel Avenue, Linda Creek flows northwest, crossing back into Placer County approximately 700-feet east of Old Auburn Avenue at the county line. Linda Creek is a Regulated Stream under the jurisdiction of the Central Valley Flood Protection Board. A significant source of the summertime flow in both creeks is urban runoff. Sacramento County is not located within one of California's four sole source aquifers.

***Standards of Significance***

For purposes of this Initial Study, impacts to hydrology and water quality may be considered significant if construction and/or implementation of the Proposed Project would result in the following impacts that remain significant after implementation of General Plan policies or mitigation from the General Plan EIR:

- Substantially degrade water quality and violate any water quality objectives set by the State Water Resources Control Board, due to increases in sediments and other contaminants generated by construction and/or development of the Project, or
- Substantially increase the exposure of people and/or property to the risk of injury and damage in the event of a 100-year flood.

***Summary of Analysis under the City of Citrus Heights General Plan EIR***

Chapter 4.5 of the General Plan EIR evaluates the potential effects of the General Plan as they relate to surface water, groundwater, flooding, stormwater and water quality. Potential effects include water quality degradation due to construction activities and exposure of people to flood risks (Impacts 4.5-2 through 4.5-6). Policies included in the General Plan, including a directive for regional cooperation, comprehensive flood management, and construction of adequate drainage facilities with new development (Policies 34.2-49.8) were identified that reduced all impacts to a less-than-significant level.

***Discussion***

a. **Less than Significant with Mitigation Incorporated.** Construction would consist of activities on landscaped and hardscape environments. Construction activities would not substantially degrade water quality and would not violate any water quality objectives by the State Water Resources Control Board. Drainage facilities are located at several locations along Old Auburn Road and Wachtel Way. BMPs will be put in place to prevent sediment and other contaminants generated by construction from impacting the drainages. Mitigation measure HYD-1will be incorporated to further reduce the risk of violating any water quality or waste discharge standards.

b. **No Impact.** No groundwater wells would be drilled as part of the proposed project. The proposed project would not deplete groundwater supplies or interfere substantially with groundwater recharge that would result in a net deficit in aquifer volume or lowering of the local groundwater table level.

c. **Less than Significant with Mitigation Incorporated.** The proposed project would not substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site. Construction of the proposed Project will cause vegetation loss and general soil disturbance within the Project area. Up to approximately 0.7 acres of impervious surface will be added through the installation of the intersection improvements, sidewalks and multiuse trail. Construction activities have the potential to degrade water quality by increasing soil erosion and resulting in increased sedimentation of receiving waterbodies, and from accidental spills or discharges of construction-related substances such as solvents, oils, and fuels. In turn, these activities have the potential to violate water quality standards and waste discharge requirements. Mitigation measures GEO-1 and HYD-1 will be incorporated to further reduce the risk of altering the existing drainage patterns.

d. **No Impact.** The FEMA National Flood Hazard Layer FIRMette map (**Appendix E**) for the Project area was obtained from FEMA's online Flood Map Service Center (FEMA 2025). Old Auburn Road is located on panel number 06067C0084J, effective February 22, 2024. Wachtel Way serves at the border between panel number 06067C0084J on the west side and panel number 06067C00103J, effective February 22, 2024. While flood hazard areas are mapped along both creeks, no flood hazard areas are located in the Project area.

e. **Less than Significant.** There will be an increase in impervious surface due to the project. This will result in more runoff water; however, the project includes drainage improvements. The existing drainage facilities within the project have adequate capacity for additional runoff. With adherence to the NPDES General Construction Permit, NPDES area-wide MS4 permit, the City's Design/Construction Standards, and the City's Drainage Policy, the proposed project would not conflict with any water quality control plan or sustainable groundwater management plan. Furthermore, By minimizing disruption to natural drainage systems and implementing proper stormwater controls, the Project will not conflict with the County's SWMP, which outlines strategies for controlling runoff and protecting water quality. With the proposed design features and adherence to regulatory requirements, the Project will not conflict with or obstruct the implementation of any water quality control or stormwater management plans. Therefore, impacts would be less than significant.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project-Level Mitigation Measures***

**GEO-1:** The Proposed Project will comply with the City's Stormwater Discharge Control Measures, listed in the City's Municipal Code (Chapter 98. Article V), which will adequately control erosion and effectively prohibit non-stormwater discharges (City of Citrus Heights 2025b). To prevent the substantial soil erosion or the loss of topsoil post-construction, the Project design will comply with the Sacramento Stormwater Quality Partnership's Stormwater Quality Design Manual for the Sacramento Region (SQDM) to adequately control erosion.

**HYD-1:** The proposed Project would require coverage under the NPDES General Construction Permit for Discharges of storm water associated with construction activities (2022 Construction Stormwater General Permit, Order 2022-0057-DWQ). A SWPPP would also be developed and implemented as part of the Construction General Permit. This SWPPP will incorporate all applicable BMPs to ensure that adequate measures are taken during construction to minimize impacts to water quality.

***Significance Determination with Mitigation Measures***

Less than significant with mitigation incorporated.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **XI. LAND USE AND PLANNING - Would the project:** | | | | |
| a. Physically divide an established community? | | | | X |
| b. Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect? | | | | X |

***Setting***

The Proposed Project lies with Neighborhoods 7 and 8 in the northeastern portion of the City of Citrus Heights within Sacramento County. According to the City's 2011 General Plan the project area land uses designations are categorized as low to medium residential areas, general commercial, business professional, public and open areas. Currently, Citrus Heights is about 98% built out, meaning little vacant land remains to be developed. The General Plan Land Use Map was last updated in April 2022 (Citrus Heights 2022). The City of Citrus Heights Land Use Designation is show on **Figure 6** and the zoning is shown on **Figure 7**. The residential zoning along Old Auburn Road and Wachtel Way in the Project area is RD2, RD3, RD4, and RD5; recreational zoning is present on Wachtel Way south of Pitalo Way.

***Discussion***

a. **No Impact.** The proposed project will take place on and adjacent to an existing transportation facility. The proposed project would not physically divide an established community.

b. **No Impact.** The proposed project will not affect the roadway designation. The proposed project would not change the zoning ordinance within the project area.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

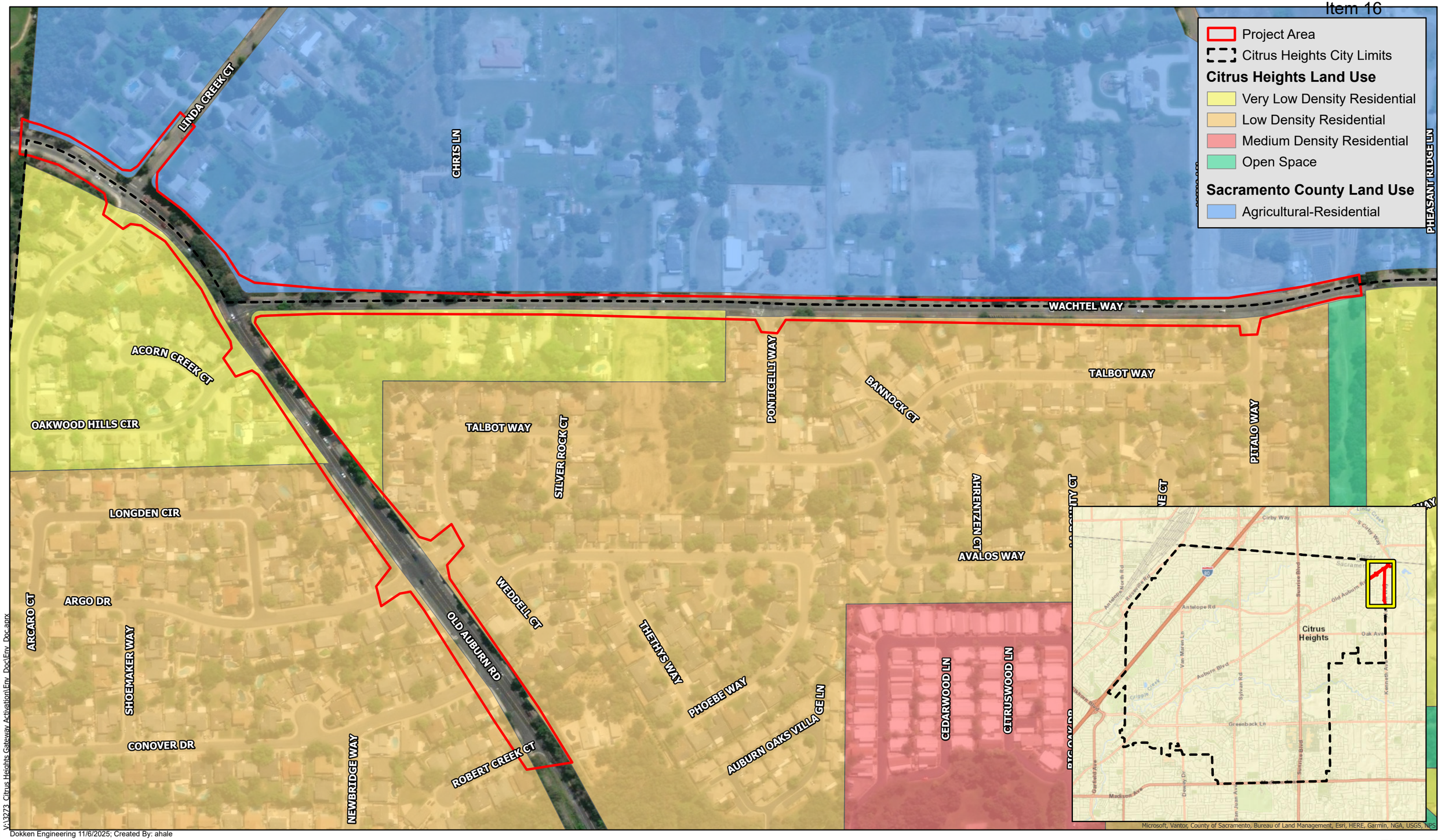
None.

***Additional Project-Level Mitigation Measures***

None required.

***Significance Determination with Mitigation Measures***

Not applicable.




V:\13273_Citrus Heights Gateway Activation\Env_Doc\Env_Doc.aprx

Dokken Engineering 11/6/2025; Created By: ahale

0 125 250 Feet

**Figure 6**
**Land Use Designation**

Citrus Heights Gateway Activation Project
Citrus Heights, Sacramento County, California

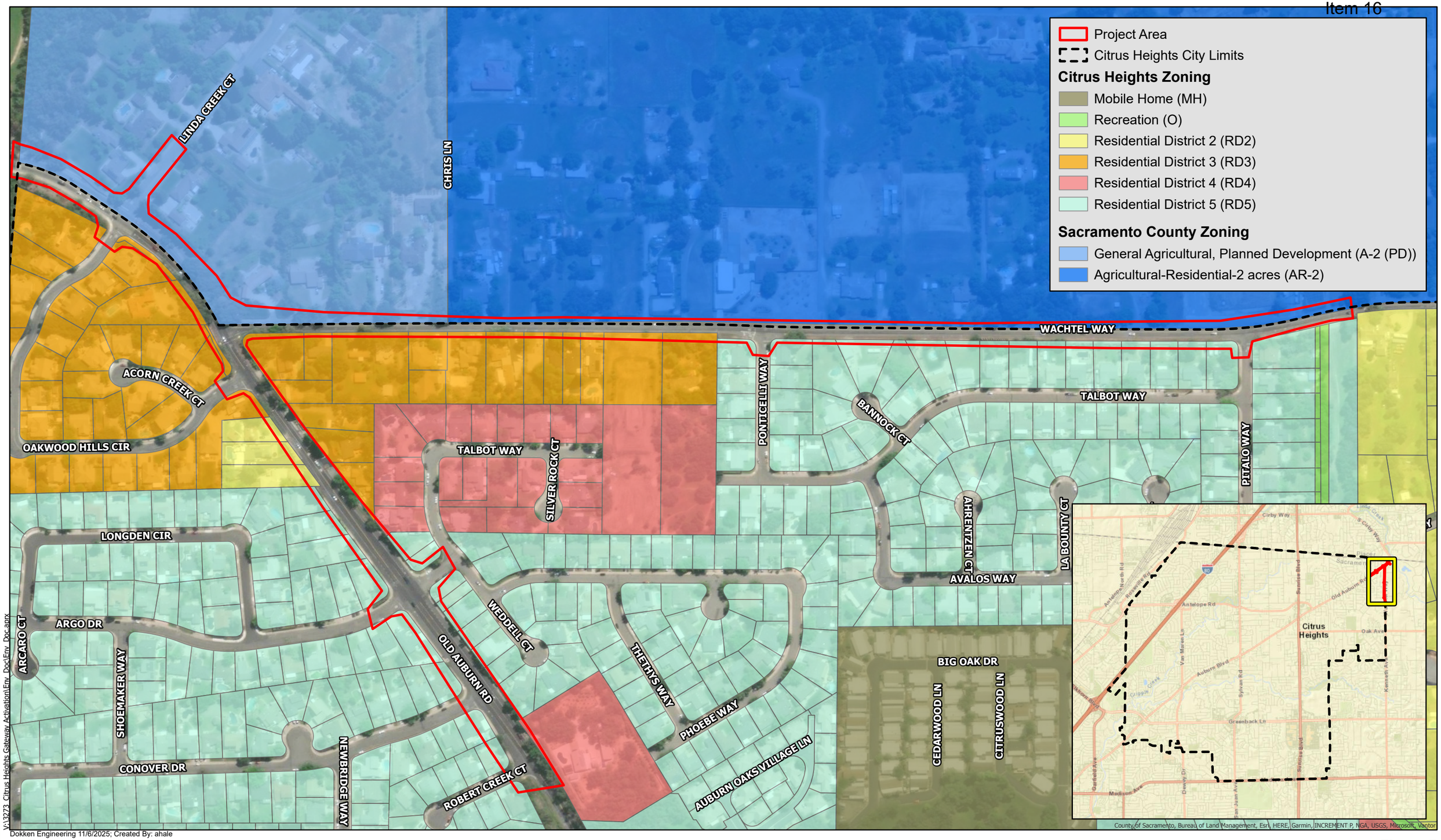



**Figure 7**
**Zoning**

Citrus Heights Gateway Activation Project
Citrus Heights, Sacramento County, California

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **XII. MINERAL RESOURCES - Would the project:** | | | | |
| a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state? | | | | X |
| b. Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan? | | | | X |

***Discussion***

a-b. **No Impact.** No mineral resources are currently being mined or produced in the planning area. The project site has not been identified as containing mineral resources. The City of Citrus Heights planning area is an area where adequate information indicates that no significant mineral deposits are present, or where it is judged that little likelihood exists for their presence. (Citrus Heights 2011b).

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project-Level Mitigation Measures***

None required.

***Significance Determination with Mitigation Measures***

Not applicable.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **XIII. NOISE - Would the project result in:** | | | | |
| a. Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? | | X | | |
| b. Generation of excessive groundborne vibration or groundborne noise levels? | | | X | |
| c. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project to excessive noise levels? | | | | X |

***Regulatory Setting***

*Federal Regulations*
The U.S. Environmental Protection Agency's (EPA's) Office of Noise Abatement and Control was originally established to coordinate federal noise control activities. After its inception, EPA's Office of Noise Abatement and Control issued the Federal Noise Control Act of 1972, establishing programs and guidelines to identify and address the effects of noise on public health, welfare, and the environment. In 1981, EPA administrators determined that subjective issues such as noise would be better addressed at lower levels of government. Consequently, in 1982 responsibilities for regulating noise control policies were transferred to state and local governments. Noise control guidelines and regulations contained in EPA rulings in prior years remain in place by designated federal agencies, allowing more individualized control for specific issues by designated federal, state, and local government agencies.

*State Regulations*
The State of California has adopted noise standards in areas of regulation not preempted by the federal government. State standards regulate noise levels of motor vehicles, sound transmission through buildings, occupational noise control, and noise insulation.

Title 24 of the California Code of Regulations, also known as the California Building Standards Code, establishes building standards applicable to all occupancies throughout the state. The code provides acoustical regulations for both exterior-to-interior sound insulation as well as sound and impact isolation between adjacent spaces of various occupied units. Title 24 regulations state that interior noise levels generated by exterior noise sources shall not exceed 45 dBA Ldn, with windows closed, in any habitable room for general residential uses.

The *State of California General Plan Guidelines*, published by the California Governor's Office of Planning and Research (OPR), provides guidance for the compatibility of projects within areas of specific noise exposure. Table 4.4-1 presents acceptable and unacceptable community noise exposure limits for various land use categories. The guidelines also present adjustment factors that may be used to arrive at noise acceptability standards that reflect the noise control goals of the community, the particular community's sensitivity to noise, and the community's assessment of the relative importance of noise pollution.

*City of Citrus Heights General Plan*
The General Plan identifies the City's intent to protect city residents from the harmful and annoying effects of exposure to excessive noise. Goal 51, Policy 51.6 is relevant for transportation projects. The Policy says: "Use techniques such as roadway design, traffic signalization and other traffic management techniques (such as limiting heavy truck traffic in residential areas and requiting alternative paving material) to reduce noise caused by speed or acceleration of vehicles."

*City of Citrus Heights Noise Ordinance*
The City of Citrus Heights Noise Ordinance (Citrus Heights Municipal Code, Chapter 34, Article III) contains performance standards for the purpose of prohibiting unnecessary, excessive, annoying sounds that, at certain levels and frequencies, are detrimental to the health and welfare of the City's residents. The following provisions of the City's Noise Ordinance are applicable to the Draft General Plan.

The exterior noise standards applicable to the Proposed Project for Noise Area 1, which covers the RD2, RD3, RD4, and RD5 land use zones abutting the Proposed Project, are for exterior noise limits of 55 dBA between 7:00 a.m. to 10 p.m. and 50 dBA between 10:00 p.m. to 7:00 a.m.

The Noise Ordinance provides exemptions from the above standards for outdoor school events; outdoor gatherings conducted pursuant to a City permit; activities in parks, playgrounds and school grounds; machinery used in connection with emergency activities; daytime construction noise; daytime agricultural noise; agricultural noise to salvage crops or perform pest control; daytime residential property maintenance; and airport operations and maintenance.

Specifically, the following exemption is provided for daytime construction noise.

> Noise sources associated with construction, repair, remodeling, demolition, paving or grading of any real property, provided the activities do not take place between the hours of 8:00 p.m. and 6:00 a.m. on weekdays and Friday commencing at 8:00 p.m. through and including 7:00 a.m. on Saturday, Saturdays commencing at 8:00 p.m. through and including 7:00 a.m. on the next following Sunday, and on each Sunday after the hour of 8:00 p.m. However, when an unforeseen or unavoidable condition occurs during a construction project and the nature of the project necessitates that work in process be continued until a specific phase is completed, the contractor or owner shall be allowed to continue work after 8:00 p.m. and to operate machinery and equipment necessary until completion of the specific work in progress can be brought to conclusion under conditions which will not jeopardize inspection acceptance or create undue financial hardships for the contractor or owner.

***Setting***

The project area within the City of Citrus Heights is located in areas designated for Low and Medium Density Residential land uses (Citrus Heights 2011b). Noise sources that contribute to ambient noise levels in and adjacent to the project site include traffic from local streets. As a way to characterize noise levels, **Table 7** summarizes typical ambient noise levels based on population density.

**Table 7. Population Density and Associated Ambient Noise Levels**

| Population Density | dBA, Ldn |
|---|---|
| Rural Suburban | 40–50 |
| Quiet suburban residential or small town | 45–50 |
| Normal suburban residential urban | 50–55 |
| | |
| Normal urban residential | 60 |

| Population Density | dBA, Ldn |
|---|---|
| Noisy urban residential | 65 |
| Very noisy urban residential | 70 |
| Downtown, major metropolis | 75–80 |
| Under flight path at major airport, 0.5 to 1 mile from runway | 78–85 |
| Adjoining freeway or near a major airport | 80–90 |
| Sources: Cowan 1984, Hoover and Keith 2000 | |

The vicinity of the project area is most similar to that of "normal urban residential." Normal Urban Residential has a typical noise level of 60 dBA. Sound is a mechanical form of radiant energy, transmitted by a pressure wave through a solid, liquid, or gaseous medium. Sound that is loud, disagreeable, unexpected, or unwanted is generally defined as noise; consequently, the perception of sound is subjective in nature, and can vary substantially from person to person (CCHGP EIR 2011b).

Noise sensitive land-uses include residences, schools, hospitals, churches, and parks. The project would take place near Low Density Residential and Medium Density Residential land uses (Citrus Heights 2011b). Open Space, which includes the Woodside Oaks Park segment of the Arcade-Cripple Creek Trail, is south of the project footprint; however, no impacts to this noise sensitive land-use is anticipated.

Noise levels at construction sites can vary from 55 dBA to a maximum of nearly 96 dBA when heavy equipment is used. Construction noise of this project would be intermittent, and noise levels would vary depending on the type of construction activity. For this project, lowest construction equipment-related noise levels would be 55 dBA at a distance of 50 ft for sound from a pick-up truck. Highest noise levels would be up to 90 dBA (at a distance of 50 ft) for a concrete saw for pavement removal. A jackhammer, which would be up to 89 dBA at a distance of 50 ft, would also be utilized during the proposed project.

***Standards of Significance***

For purposes of this Initial Study, impacts due to noise may be considered significant if construction and/or implementation of the Proposed Project would result in the following impacts that remain significant after implementation of General Plan policies or mitigation from the General Plan EIR:

- Result in exterior noise levels in the project area that are above the upper value of the normally acceptable category for various land uses due to the project's noise level increases;
- Result in residential interior noise levels of 45 dBA $L_{dn}$ or greater caused by noise level increases due to the project;
- Result in construction noise levels that exceed the standards in the City of Citrus Heights' Noise Ordinance;
- Permit existing and/or planned residential and commercial areas to be exposed to vibration-peak-particle velocities greater than 0.5 inches per second due to project construction;
- Permit adjacent residential and commercial areas to be exposed to vibration peak particle velocities greater than 0.5 inches per second due to highway traffic and rail operations; or
- Permit historic buildings and archaeological sites to be exposed to vibration-peak-particle velocities greater than 0.2 inches per second due to project construction and highway traffic.

***Summary of Analysis under the City of Citrus Heights General Plan EIR General Plan***

The General Plan EIR evaluated the potential for development under the General Plan to increase noise levels in the community. New noise sources include vehicular traffic, railways, and stationary sources. The general plan policies establish exterior and interior noise standards (Policy 51.1). A variety of policies provide standards

for the types of development envisioned in the general plan. See Policy 52.2 through 52.5, which requires new mixed-use, commercial and industrial development to mitigate the effects of noise from operations on adjoining sensitive land use, and Policy 52.4, which calls for the City to limit hours of operations for parks and active recreation areas to minimize disturbance to nearby residences. Notwithstanding application of the general plan policies, noise impacts for exterior and interior noise levels, and vibration impacts, were found to be significant and unavoidable.

***Discussion***

a. **Less than Significant with Mitigation Incorporated.** The City of Citrus Heights Municipal Code contains Standards that apply to noise levels allowed within a residential area (City of Citrus Heights, 2008. Section 34-86 of the Municipal Code identifies noise standards of 55 dBA between the hours of 7:00 a.m. to 10:00 p.m. and 50 dBA between the hours of 10:00 p.m. and 7:00 a.m.

***Construction Noise Impacts***

Implementation of the Proposed would include the construction of intersection enhancements such as roundabouts, as well as the installation of pedestrian and bicycle facilities such as multi-use pathways, Class IV bikeways, crosswalks, sidewalks, and ADA-compliant curb ramps. Construction activities will generate noise, including ground born vibration resulting from the use of heavy construction vehicles and equipment. Construction noise is regulated by the Citrus Heights Noise Ordinance and by Caltrans Standard Specifications Section 14-8.02, "Noise Control," which states that noise levels generated during construction shall comply with applicable local, state, and federal regulations, and that all equipment shall be fitted with adequate mufflers according to the manufacturers' specifications.

The Noise Ordinance represents the community standard for acceptable levels of noise, it follows that bikeway construction noise, although above ambient levels, is not considered to have a substantial effect upon surrounding land uses. This determination is made in consideration of the temporary nature of construction activities. Therefore, this impact is also less than significant.

No adverse noise impacts from construction are anticipated because construction would be conducted in accordance with the Citrus Heights Noise Ordinance and Caltrans Standard Specifications Section 14-8.02. Construction noise would be short-term and intermittent. Further, implementing the measures below would minimize the temporary noise impacts from construction.

The project is exempt from City of Citrus Heights code pertaining to noise regulation due to the Section 34-88 which states that activities involving "Noise sources associated with construction, repair, remodeling, demolition, paving or grading of any real property, provided the activities do not take place between the hours of 8:00 p.m. and 6:00 a.m. on weekdays and Friday commencing at 8:00 p.m. through and including 7:00 a.m. on Saturday, Saturdays commencing at 8:00 p.m. through and including 7:00 a.m. on the next following Sunday, and on each Sunday after the hour of 8:00 p.m. However, when an unforeseen or unavoidable condition occurs during a construction project and the nature of the project necessitates that work in process be continued until a specific phase is completed, the contractor or owner shall be allowed to continue work after 8:00 p.m. and to operate machinery and equipment necessary until completion of the specific work in progress can be brought to conclusion under conditions which will not jeopardize inspection acceptance or create undue financial hardships for the contractor or owner" are exempt from the provisions of the city code.

The proposed project would have a less than significant impact on noise based on: 1) the project is not a capacity increasing project; 2) Proposed construction duration is temporary; and 3) construction of the project would use proposed minimization methods. No adverse noise impacts from construction are anticipated because construction would be conducted in accordance with the Citrus Heights Noise

Ordinance and would be short term and intermittent. Mitigation measure NOI-1 will be implemented to further reduce any noise specific impacts.

***Long-Term Operational Noise Impacts***

The Project would include the construction of intersection enhancements such as roundabouts, as well as the installation of pedestrian and bicycle facilities such as multi-use pathways, Class IV bikeways, crosswalks, sidewalks, and ADA-compliant curb ramps. The project would not add new travel lanes or increase roadway capacity. As a result, it would not induce additional traffic volumes or alter long-term traffic patterns in a way that would elevate operational noise levels. The roundabouts and associated improvements are designed to accommodate existing traffic demand and maintain traffic flows similar to current conditions. Accordingly, long-term operational noise levels would remain consistent with baseline conditions, and no significant operational noise impacts or noise-related mitigation measures are required.

b. **Less than significant.** The project site is level and does not include buildings or structures that would require unusual construction techniques that would cause substantial vibration. Substantial levels of vibration are not anticipated during operation of the new intersections because traffic volumes will be similar to the existing situation.

The project would generate some vibration due to construction activities, but it would not include construction activities that could generate significant ground vibration, such as pile driving. There are no historic structures within the project area that would be affected by construction-related vibration; therefore, this impact would not exceed the impact disclosed in the City of Citrus Heights General Plan EIR.

c. **No Impact.** The project site is not located near an existing airport and is not within an area covered by an existing airport land use plan. Therefore, no impact would occur.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project-Level Mitigation Measures***

**NOI-1:** The Contractor shall follow City of Citrus Heights noise ordinance for construction activities:

- Do not exceed 65 dBA at 50 feet from the job site activities from 8 p.m. to 7 a.m.
- Use an alternative waiting method instead of a sound signal unless required by safety laws.
- Equip an internal combustion engine with the manufacturer-recommended muffler.
- Do not operate an internal combustion engine on the job site without the appropriate muffler.

***Significance Determination with Mitigation Measures***

Less than significant with mitigation incorporated.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **XIV. POPULATION AND HOUSING - Would the project:** | | | | |
| a. Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)? | | X | | |
| b. Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere? | | X | | |

***Setting***

The Proposed Project lies with Neighborhoods 7 and 8 in the northeastern portion of the City of Citrus Heights within Sacramento County. According to the City's 2011 General Plan the project area land uses designations are categorized as low to medium residential areas, general commercial, business professional, public and open areas. The zoning along Old Auburn Road and Wachtel Way in the Project area is RD3, RD4, and RD5.

***Discussion***

a-b **Less than Significant with Mitigation Incorporated.** The proposed Project will not affect population and housing. The project is not capacity enhancing; therefore, it is not growth inducing. The Project does not result in the loss of housing. The Project would not displace housing or necessitate construction of replacement housing. The Project requires the partial acquisition of right-of-way from the following residential parcels. The Sacramento County Assessor's Parcel Numbers (APNs) are identified in **Table 8** below. Implementation of Mitigation Measures PH-1 will reduce the impact to less-than-significant.

**Table 8. Parcels with Partial Acquisition**

| APN | Intersection | Partial Acquisition (Y/N) |
|---|---|---|
| 224-0413-001 | Argo Drive | Y |
| 224-0780-070 | Argo Drive | Y |
| 224-0411-045 | Argo Drive | Y |
| 224-0780-071 | Argo Drive | Y |
| 224-0152-021 | Argo Drive | Y |
| 224-0152-001 | Wachtel Way | Y |
| 224-0970-027 | Oakwood Hills Circle/Wachtel Way | Y |
| 224-0970-026 | Oakwood Hills Circle/Wachtel Way | Y |
| 224-0200-033 | Oakwood Hills Circle/Wachtel Way | Y |
| 224-0580-007 | Oakwood Hills Circle/Wachtel Way | Y |
| 224-0970-011 | Oakwood Hills Circle/ Linda Creek Ct | Y |
| 224-0970-032 | Oakwood Hills Circle/ Linda Creek Ct | Y |
| 224-0580-006 | Linda Creek Ct | Y |
| 224-0210-010 | Linda Creek Ct | Y |

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project-Level Mitigation Measures***

**PH-1:** Property Compensation: All real property transactions shall comply with the property acquisition and relocation standards of the State of California. Property owners shall be compensated in accordance with fair market values based on appraisals.

***Significance Determination with Mitigation Measures***

Less than significant with mitigation incorporated.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **XV. PUBLIC SERVICES - Would the project:** | | | | |
| a. Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services: | | | X | |
| Fire protection? | | | X | |
| Police protection? | | | X | |
| Schools? | | | X | |
| Parks? | | | X | |
| Other public facilities? | | | X | |

***Setting***

The Sacramento Metro Fire Station 28 at 8189 Oak Avenue, Citrus Heights, is approximately 0.9 miles southwest of the southern limits of the Wachtel Way Project area. The Roseville Fire Department Station 4 is approximately 1.4 miles north of Old Auburn Road on the county line. The Citrus Heights Civil Police Station is located 2.17 miles west of the Project area. The Roseville Police Station on 5th Street is located 2 miles northwest of Old Auburn Road on the county line. The Kaiser Permanente Roseville Medical Center is located 1.8 miles north Old Auburn Road at the county line.

The utility providers located in the Project area include the following:

- AT&T,
- City of Citrus Heights,
- Citrus Heights Water District,
- Comcast,
- Consolidated Communications,
- County of Sacramento – Traffic Signal and Street Lighting,
- Pacific Gas and Electric (PG&E),
- Sacramento Area Sewer District,
- Sacramento Regional Sanitation District, and
- Sacramento Municipal Utility District (SMUD).

Schools and parks in the vicinity of the Project area include the following:

- Woodside Oaks Park segment of the Arcade-Cripple Creek Trail which connects to Wachtel Way,
- Edgecliff & Cripple Creek Open Space, Sacramento County, 0.15 miles north of Old Auburn Rd,
- Woodside Oaks/ Olivine Drive Open Space, Sacramento County, 0.2 miles west of Wachtel Way,
- Woodside K-8 School, Sacramento County, 0.7 miles west,
- C-Bar-C Park. Sacramento County 0.7-miles southwest,

- Oakview Community Elementary School, Sacramento County, 1.1-miles southeast,
- Crestmont Park, Placer County. 0.6-miles northwest,
- Crestmont Elementary School, Placer County. 0.6-miles northwest,
- Maidu Regional Park, Placer County, 1.2-miles north, and
- Granite Bay Montessori, Placer County. 1.1-miles northeast.

***Discussion***

a. **Less than Significant.** The project will not adversely affect public services in the area. The project would not contribute to any change in population, traffic circulation, or other land use modifications that would impact local fire or police protection. There will be no permanent road closures during construction. The project improvements will not affect parks or other services. Coordination with utility providers has taken place and will continue throughout construction with the following utility companies: AT&T, City of Citrus Heights, Citrus Heights Water District, Comcast, Consolidated Communications, County of Sacramento – Traffic Signal and Street Lighting, Pacific Gas and Electric (PG&E), Sacramento Area Sewer District, Sacramento Regional Sanitation District, and Sacramento Municipal Utility District (SMUD). No mitigation will be required.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project-Level Mitigation Measures***

None required.

***Significance Determination with Mitigation Measures***

Not applicable.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **XVI. RECREATION** | | | | |
| a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated? | | | X | |
| b. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment? | | | X | |

***Setting***

The Public Services section above lists the recreational facilities in the vicinity of the Project area.

***Discussion***

a-b. **Less than significant.** The Proposed Project will construct multimodal and roadway improvements that will serve bicyclists, pedestrians, and motorists by closing gaps in the City's pedestrian and bicycle network. The purpose of the Project is to enhance connectivity to existing bicycle and pedestrian infrastructure and provide future linkages to planned facilities in neighboring jurisdictions, including the City of Roseville and Sacramento County. The project would likely result in additional residents and visitors utilizing existing parks because the planned bikeways are intended to provide connections to parks. It would be expected that many of these users would already be utilizing the park and recreation facilities and would simply be using a non-motorized transportation alternative to reach the parks and open spaces.

The project does not propose new residential or commercial developments creating a need for construction or expansion of recreational facilities. The proposed project would increase the use of existing parks and recreation facilities to the extent that the expanded bikeway system will encourage park and open space use for residents who were not previously using these recreational facilities, or additional use by those already using the recreational facilities. This increased use would not be expected to substantially impact the parks and facilities to the extent that physical deterioration would occur, nor would these facilities need to be expanded. Therefore, the project would have a less than significant impact on recreation facilities

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project-Level Mitigation Measures***

None required.

***Significance Determination with Mitigation Measures***

Not applicable.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **XVII. TRANSPORTATION/TRAFFIC - Would the project:** | | | | |
| a. Conflict with a program, plan, ordinance, or policy addressing the circulation system including transit, roadway, bicycle and pedestrian facilities? | | | X | |
| b. Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)? | | | X | |
| c. Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)? | | | | X |
| d. Result in inadequate emergency access? | | X | | |

***Setting***

The Proposed Project locations are within Citrus Heights residential Neighborhoods 7 and 8. Project locations occur within developed Neighborhoods that contain medium to highly populated areas. Old Auburn Road east of Auburn Boulevard and Wachtel Way are not approved Citrus Heights truck routes (Citrus Heights n.d.). There are no Surface Transportation Assistance Act of 1982 truck routes in the Project area. Old Auburn Road is classified as a major collector street and a low access control facility (CCHGP EIR 2011b).

Fehr & Peers, a traffic engineer firm, conducted an existing conditions analysis and evaluated traffic control and pedestrian crossing for the proposed Project. The analysis included traffic data collection to determine existing conditions. The Average Daily Traffic (ADT) Data for Old Auburn Road east of Wachtel Way is estimated at 14,200 vehicles (Fehr & Peers 2025). The volume of cars on Old Auburn Road drops considerably west of Wachtel Way, indicating that a number of vehicular trips originate or are destined to/from the south of Wachtel Way towards unincorporated Sacramento County.

For the Old Auburn Road/Argo Drive intersection improvements, Fehr & Peers evaluated the applicability of a traffic signal, a pedestrian hybrid beacon, and a single-lane roundabout. A single-lane roundabout would result in reduced travel speeds, improved pedestrian crossing, acceptable traffic operations and improved corridor safety (Fehr & Peers 2025).

The remaining two study intersections, Old Auburn Road/Wachtel Way and Old Auburn Road/Oakwood Hills Circle East, were analyzed as a pair due to their proximity to each other and the upstream/downstream effects that each control type has on the other intersection. The analysis evaluated the proposed Project with roundabouts at each intersection. The study includes a table that compares the LOS and delay results for the proposed Project versus existing conditions. It is included below as **Table 9.**

**Table 9. Wachtel Way and Oakwood Hills Circle East Intersections Configuration Analysis**

| Configuration | Traffic Control at Wachtel Way | Peak Hour | LOS/Delay (s) | Traffic Control at Oakwood Hills Circle East | LOS/Delay (s) |
|---|---|---|---|---|---|
| Existing Conditions | All-Way Stop-Controlled | AM<br>PM | **F / 56**<br>B / 14 | All-Way Stop-Controlled | E / 38<br>**F / 75** |
| Proposed Project | Roundabout | AM<br>PM | B / 13<br>B / 10 | Roundabout | A / 9<br>A / 8 |

Bolded numbers indicate deficient operations per City of Citrus Heights General Plan Policy 29.2.
Source: Fehr & Peers, 2025

The proposed Project would provide a level of service (LOS) A or B operations at each intersection during the AM and PM peak hours and reduces the maximum queues and delays as compared to the existing.

The corridor travel times and average speeds for the study intersections are presented in **Table 10** below. The proposed Project has the least amount of overall travel time on both corridors.

**Table 10. Corridor Speeds**

| Scenario | AM Peak Hour | PM Peak Hour |
|---|---|---|
| | Eastbound (From Wintergreen Drive to Linda Creek Ct) | Westbound (from South Cirby Way to Argo Drive) |
| Existing Conditions | 185 seconds / 11 mph | 184.8 seconds / 12 mph |
| Proposed Project | 87.3 seconds / 17 mph | 82.4 seconds / 24 mph |

Source: Fehr & Peers, 2025

***Discussion***

a. **Less than Significant.** The project will not conflict with any applicable plans, ordinances or policies. The project will implement several goals of the General Plan, the Bikeway Master Plan (Citrus Heights 2015), and the Draft Pedestrian Master Plan (Citrus Heights 2016). The Proposed Project does not conflict with the City's Neighborhood Traffic Management Program.

b. **Less than Significant.** The Proposed project is not a capacity increasing project and does not increase vehicle miles traveled. Transportation projects that reduce, or have no impact on, vehicle miles traveled are presumed to cause a less than significant transportation impact.

c. **No Impact.** The design features of the proposed Project would comply with City standards, or as appropriate, would be approved as non-standard features. The project would not increase hazards due to design features or incompatible uses. The project would not substantially increase hazards due to a design features (e.g. sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment).

d. **Less than Significant with Mitigation Incorporated.** During construction, the project may have a less-than-significant impact on emergency access. Residential roadways near designated problem locations would remain open throughout construction for through traffic but the reduction to single-lane traffic may cause delays. Response times are not anticipated to be significantly affected during construction. Post-construction, it is anticipated that the improved multi-modal facilities would better serve

emergency vehicles by reducing road hazard conditions. Implementation of **TRA-1** would minimize any potential impacts to emergency access during construction activities.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project-Level Mitigation Measures***

**TRA-1:** Temporary impacts to traffic flow as a result of construction activities would be minimized through construction phasing, signage, and a traffic control plan.

***Significance Determination with Mitigation Measures***

Less than significant with mitigation incorporated.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **XVIII. TRIBAL CULTURAL RESOURCES -** | | | | |
| a. Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:<br>i. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or | | X | | |
| ii. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe. | | X | | |

***Regulatory Setting***

Effective July 1, 2015, CEQA was revised to include early consultation with California Native American tribes and consideration of tribal cultural resources (TCRs). These changes were enacted through Assembly Bill 52 (AB 52). By including TCRs early in the CEQA process, AB 52 intends to ensure that local and Tribal governments, public agencies, and project proponents would have information available, early in the project planning process, to identify and address potential adverse impacts to TCRs. CEQA now establishes that a "project with an effect that may cause a substantial adverse change in the significance of a TCR is a project that may have a significant effect on the environment" (PRC § 21084.2).

To help determine whether a project may have such an adverse effect, the PRC requires a lead agency to consult with any California Native American tribe that requests consultation and is traditionally and culturally affiliated with the geographic area of a proposed project. That consultation must take place prior to the determination of whether a negative declaration, mitigated negative declaration, or environmental impact report is required for a project (PRC § 21080.3.1). Consultation must consist of the lead agency providing formal notification, in writing, to the tribes that have requested notification or proposed projects within their traditionally and culturally affiliated area. AB 52 stipulates that the Native American Heritage Commission (NAHC) shall assist the lead agency in identifying the California Native American tribes that are traditionally and culturally affiliated within the project area. If the tribe wishes to engage in consultation on the project, the tribe must respond to the lead agency within 30 days of receipt of the formal notification. Once the lead agency receives the tribe's request to consult, the lead agency must then begin the consultation process within 30 days. If a lead

agency determines that a project may cause a substantial adverse change to TCRs, the lead agency must consider measures to mitigate that impact. Consultation concludes when either: 1) the parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a TCR, or 2) a party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached (PRC § 21080.3.2). Under existing law, environmental documents must not include information about the locations of an archaeological site or sacred lands or any other information that is exempt from public disclosure pursuant to the Public Records act. TCRs are also exempt from disclosure.

For purposes of this study, the term "tribal cultural resource" refers to either of the following:

1. Sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe that are either of the following:
    b. Included or determined to be eligible for inclusion in the California Register of Historical Resources
    c. Included in a local register of historical resources as defined in subdivision (k) of California Public Resources Code (PRC) Section 5020.1
2. A resource determined by a California lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of the PRC Section 5024.1.

***Setting***

In April 2025, the City of Citrus Heights obtained a list of California Native American tribes traditionally and culturally affiliated with the project area from the NAHC. The City then sent initial letters inviting to the tribes detailed on the NAHC list to consult under AB 52 for the proposed project. This initial letter provided a brief project description, project location, lead agency contact information, and a notification that the tribe has 30 days to request consultation. No TCRs were identified within the project area.

Efforts to identify potential cultural resources in the Project area included background research, a search of previously recorded archaeological site records and cultural resource identification reports on file at the California Historical Resources Information System NCIC, coordination with Native American representatives, efforts to coordinate with local historical organizations, and a pedestrian ground surface survey.

The City conducted consultation with Native American tribes under PRC §21080.3.1 (also referred to as AB 52) via certified letter on April 29, 2025. For the United Auburn Indian Community (UAIC), the letter was submitted on April 29, 2025, to the tribe's website portal. The City notified the following tribes of an opportunity to consult with the City regarding the potential for this Project to impact Native American cultural resources: Buena Vista Rancheria of Me-Wuk Indians, Colfax-Todds Valley Consolidated Tribe, Ione Band of Miwok Indians, Nashville Enterprise Miwok-Maidu-Nishinam Tribe, Shingle Springs Band of Miwok Indians, Tsi Akim Maidu, United Auburn Indian Community, and Wilton Rancheria. The UAIC responded to the City via email regarding initial AB 52 consultation, including scheduling a field survey attended by the UAIC and the City's consultant archaeologist.

A pedestrian survey of the APE was conducted by archaeologist from Dokken Engineering on June 12, 2025, for the purpose of identifying and recording archaeological resources. A representative from the United Auburn Indian Community participated in the pedestrian survey. No constraints to the survey were encountered as full access was obtained prior to completing the survey. No indigenous resources were identified as a result of the identification efforts.

Impacts to unknown archaeological deposits, which could qualify as tribal historic resources under CEQA, could result in a significant impact under CEQA. Implementation of mitigation measures CR-1 through CR-4 will reduce these potential impacts to a less-than-significant level.

***Discussion***

a.i. **Less than Significant with Mitigation Incorporated.** No tribal cultural resources (TCRs) were identified during the tribal consultation. While the APE location is within an area of older Pleistocene aged soils with very low sensitivity for buried archaeological resources, there remains a possibility that an unanticipated discovery of buried cultural materials could be encountered during construction. Impacts to unknown archaeological deposits, which could qualify as tribal cultural resources under CEQA, could result in a significant impact under CEQA. Implementation of mitigation measures CR-1 through CR-will reduce these potential impacts to a less-than-significant level.

a.ii. **Less than Significant with Mitigation Incorporated.** The Project is not anticipated to cause a substantial adverse change to a TCR pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. As described in response to question **a)**, while no impacts to TCRs are anticipated for the Project, with any Project requiring ground disturbance, there is always the possibility that unmarked cultural resources may be unearthed during construction. Furthermore, the United Auburn Indian Community identified the APE as sensitive for tribal cultural resources and recommend that archaeological and tribal monitoring occur during Project-related ground disturbance within native sediments and that interpretive panels be erected along the proposed trail. This impact would be considered potentially significant. Implementation of Mitigation Measures **CR-1** and **CR-4** (listed in section V. Cultural Resources) would reduce this impact to a less than significant level.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project-Level Mitigation Measures***

**CR-1:** Prior to construction, cultural resource awareness and sensitivity training shall be provided to all construction crew members to ensure that the crew members are aware of the potential for sensitive cultural resources to be present onsite. The awareness and sensitivity training would also include an established protocol for informing the resident engineer of any accidentally discovered cultural resources.

Treatment of Discoveries:

**CR-2:** If significant historical, paleontological, archaeological, or tribal cultural resources are discovered within the APE, ground disturbing activities shall be suspended 100 feet around the resource(s). The archaeological monitor, a representative of the appropriate Native American Tribe(s) (if discovery is prehistoric), and the City shall confer regarding mitigation of the discovered resource(s). All discovered archaeological resources should be documented by field notation, analysis, photography, and GPS mapping. Work shall not resume in the area until mitigation has been completed, or it has been determined that the archaeological resource(s) is not significant.

Disposition of Discoveries:

**CR-3:** If human remains are encountered, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the Coroner would notify the Native American Heritage Commission (NAHC), which would determine and notify a Most Likely Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 48 hours of notification by the NAHC. The MLD may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials.

**CR-4:** In the event that Native American cultural resources are inadvertently discovered during the course of construction, the City shall relinquish ownership of all Native American cultural resources, including sacred items, burial goods, and all archaeological artifacts and non-human remains as part of the required mitigation for impacts to Native American cultural resources. Prior to relinquishment, all discovered archaeological resources should be documented by field notation, photography, and GPS mapping. After consultation with the appropriate Native American Tribe(s), non-destructive analysis may be conducted.

***Significance Determination with Mitigation Measures***

Less-than-significant.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **XIX. UTILITIES AND SERVICE SYSTEMS - Would the project:** | | | | |
| a. Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects? | | | X | |
| b. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years? | | | X | |
| c. Result in a determination by the waste water treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments? | | | X | |
| d. Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals? | | | X | |
| e. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste? | | | X | |

***Regulatory Settings***

*Federal and State Regulations*

*Clean Water Act and State Water Resources Control Board*

With regard to wastewater, the Federal CWA and regulations set forth by the California Department of Health Services (CDHS) and SWRCB are aimed primarily at discharges of effluent to surface waters. Title 40 of the Code of Federal Regulations (CFR) Part 503, Title 23 California Code of Regulations, and standards established by the Central Valley Regional Water Quality Control Board regulate the disposal of biosolids generated by wastewater treatment plants. Under the CWA, the Regional Water Quality Control Board administers programs related to wastewater treatment.

*Local Regulations*

Sacramento County and the City of Citrus Heights submitted Notices of Intent (NOIs) to obtain coverage under the General Permit for Discharges from MS4s, Order R5-2016-0040 issued by the Central Valley Regional Water Quality Control Board (CVRWQCB 2016). After review of the NOIs, CVRWQCB determined that the Cities and County qualify for coverage under the General Order.

The Cities and County submitted a proposed Annual Work Plan with the NOI, which serves as an interim Work Plan until the updated Storm Water Management Plan is adopted by the CVRWQCB. Pursuant to Part V.C.9.c of the General Permit, a Permittee is required to continue implementation of its existing Storm Water Management Program between receipt of an NOA and final approval of a Storm Water Management Plan that meets the requirements laid out in the General Permit.

The City participates in the Sacramento Stormwater Quality Partnership (SSQP) with Sacramento County and the cities of Elk Grove, Folsom, Galt, Rancho Cordova, and Sacramento to coordinate regional drainage strategies. The SSQP has a Stormwater Quality Design Manual (SSQP 2018) that identifies the requirements that apply to land development projects, including roads and paved pathway projects. Streets and roads with an increase of impervious surfaces less than five acres are required to provide source control stormwater quality control measures.

***Settings***

As discussed in Public Services section, a number of parks and open space areas are located in the vicinity of the Project area. Water, sewer, electric, fiber optic and gas lines are currently located in the project areas. Utility providers include the Citrus Heights Water District, Cal American Water Company, Sacramento Suburban Water District, SMUD, Pacific Gas and Electric, and the Sacramento Regional County Sanitation District.

***Discussion***

a. **Less than Significant.** The project does not involve the relocation or construction of new or expanded water or wastewater facilities. Therefore, the impacts to water and wastewater facilities would be less than significant.

SMUD overhead and underground electrical facilities are located along Old Auburn Road and Wachtel Way. The City and its contractor would maintain applicable CalOSHA and State of California Public Utilities Commission safety clearances during construction and operation of the project.

Storm water in Citrus Heights is directed via drain inlets into a series of underground pipes within roadways and other public parcels. These pipes outfall into the City creek system, at which point the water flows downstream. The amount of stormwater that enters the creek system increases as undeveloped ground is replaced by impervious surfaces such as paved trails and sidewalks. New or modified drain inlets and pipes will be required because there will be an increase in the amount of impervious surfaces and because existing inlets/outfalls at the intersections are located in areas proposed for widening. The Project's design will ensure that stormwater flows are neither impeded nor redirected by the new paved surfaces.

The Project will increase the amount of impervious surfaces through the construction of road improvements, sidewalks and pathways. With three roundabouts, the Project would increase the area of impervious surfaces by approximately 30,300 square feet. The increase is not expected to substantially alter existing drainage patterns. The Project will comply with applicable stormwater management regulations and the use of BMPs will further minimize potential impacts. The City Construction Standards include Best Management Practices intended to mitigate the environmental effects associated with storm water drainage and would mitigate this potential impact to a less than significant level.

b. **Less than Significant.** The project would not increase water supply demand.

c. **Less than Significant.** The Proposed Project does not produce wastewater that need to be treated.

d. **Less than Significant.** The construction and operation of the Proposed Project will not generate excessive solid waste. The project would generate solid waste during construction, mostly roadway materials (earthwork and asphalt concrete). The solid waste would be disposed of at a waste handling facility, which complies with all federal, state, and local regulations. Active permitted regional landfills include the Forward Landfill, Kiefer Landfill, L&D Landfill, and Western Regional Sanitary Landfill. Solid waste generated during construction and operation of the project would represent a small fraction of the daily permitted tonnage of these facilities. The Project would not generate solid waste during operation. The impact would be less than significant.

e. **Less than Significant.** The project would comply with federal, state, and local statutes and regulations related to solid waste.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project-Level Mitigation Measures***

None required.

***Significance Determination with Mitigation Measures***

Less than significant with mitigation incorporated.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **XX. WILDFIRE – If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:** | | | | |
| a. Substantially impair an adopted emergency response plan or emergency evacuation plan? | | | | X |
| b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire? | | | | X |
| c. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment? | | | | X |
| d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes? | | | | X |

***Discussion***

a-d. **No Impact.** The proposed Project is not located in a California Department of Forestry and Fire Protection (CAL FIRE) designated moderate, high, or very high Fire Hazard Severity Zone (CAL FIRE 2025). The proposed Project is not subject to risk of downslope or downstream flooding or landslides as a result of runoff, post-fire slope instability, or drainage changes.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project-Level Mitigation Measures***

None required.

***Significance Determination with Mitigation Measures***

Not applicable.

| | Potentially Significant Impact | Less Than Significant With Mitigation Incorporated | Less Than Significant Impact | No Impact |
|---|---|---|---|---|
| **XXI. MANDATORY FINDINGS OF SIGNIFICANCE** | | | | |
| a. Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory? | | X | | |
| b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects). | | | | X |
| c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? | | X | | |

***Discussion***

a. **Less than Significant with Mitigation Incorporated.** As discussed in this study, the proposed project could result in impacts on biological and cultural resources. There is no potential for Federal or State threatened or endangered species to occur within the project are and no designated Critical Habitat occurs within the project vicinity. Mitigation measures included in this study would reduce the impacts to less-than-significant levels.

b. **No Impact.** The project does not directly or indirectly contribute to cumulative impacts associated with increased urban development because the impacts have previously been evaluated by the City and considered in development of the City's General Plan.

c. **Less than Significant with Mitigation Incorporated.** As discussed in this study, the proposed project could result in impacts on human beings indirectly due to air quality, geology/soils, hazards and hazardous materials, hydrology/water quality, noise, population/housing, and transportation impacts. Mitigation measures included in this study would reduce impacts to less-than-significant levels.

***Mitigation Measures from City of Citrus Heights General Plan EIR that apply to the Project***

None.

***Additional Project Level Mitigation Measures***

None required.

***Significance Determination with Mitigation Measures***

Less than significant with mitigation incorporated.

## SECTION 5.0 - COMMENTS AND COORDINATION

This section summarizes the City of Citrus Heights' efforts to identify, address and resolve Project-related issues through early and continuing coordination.

### *Consultation and Coordination with Public Agencies*

Coordination with the following agencies was initiated for the Citrus Heights Gateway Activation Plan:

- Native American Heritage Commission (NAHC).

### *Public Participation*

The public comment period for the Project provides the opportunity for public comment and participation. The comment period will be properly noticed in the local newspaper and this Initial Study/Proposed Mitigated Negative Declaration will be available at public facilities.

The City has conducted public outreach in the form of public meetings, workshops, on-line surveys, and a project specific webpage on the City's website. On April 29, 2025, a public meeting was held at Big Oak Mobile Home Park. The outreach included a project-specific feedback form with three questions and space for additional comments. More than 48 community members participated in the meeting. A twelve page summary of the meeting is available on the project website.

From June 1 through June 17, 2025, the City of Citrus Heights conducted an online feedback survey to collect input for the Gateway Activation Project (GAP). The survey invited community members to share their ideas, preferences, and priorities for improving the Old Auburn Road and Wachtel Way corridor. The feedback survey generated 86 responses from six zip codes. The two most important project goals were "increasing safety" and "trail connectivity."

In conjunction with the online survey, a "pop-up" event held on the Old Auburn Multi-Use Trail, located across from the Big Oak Mobile Home Park in Citrus Heights, on June 14, 2025. The goal of this event was to meet community members directly in their neighborhood at the project location to share information and encourage participation in the feedback survey, which closes on June 17, 2025. Four display boards were presented: a project overview board, the Wachtel Way intersection board, the Oakwood Hills Circle East intersection board, and a plan view of the Class I pedestrian and bicycle crossing concepts at three locations.

The results of the public outreach were summarized and presented at the City Council meeting on June 25, 2025. Staff recommended roundabouts at Argo Drive, Wachtel Way, and Oakwood Hills Circle. Staff recommended a trail crossing at Argo Drive. The City Council favored staff's recommendation and directed staff to begin environmental review for the project.

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# APPENDIX A: Mitigation Monitoring Plan

MITIGATION MONITORING PLAN CHECKLIST FOR THE
CITRUS HEIGHTS GATEWAY ACTIVATION PROJECT

| Mitigation Measure | | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|---|---|---|---|---|---|
| | | | | Initials | Date |
| **City of Citrus Heights General Plan (CCHGP)** | | | | | |
| **MM 4.7-7:** | **Discovery of Potential Paleontological Resources**<br>If potential paleontological resources are detected by construction workers or City staff during construction of future land uses, work shall stop immediately, and consultation is required to avoid further impacts. Actions after work stoppage will be designed to avoid significant impacts to the greatest extent feasible. These measures could include, but are not limited to, construction worker personnel education, consultation with a qualified paleontologist, coordination with experts on resource recovery and curation of specimens, and/or other measures considered appropriate after further consultation. | During Construction | City of Citrus Heights and Contractor | | |
| **AIR QUALITY** | | | | | |
| AQ-1: | Implement SMAQMD Basic Construction Emission Control Practices, where feasible:<br>• Water all exposed surfaces two times daily. Exposed surfaces include (but are not limited to) soil piles, graded areas, unpaved parking areas, staging areas, and access roads.<br>• Cover or maintain at least 2 feet of freeboard space on haul trucks transporting soil, sand, or other loose material on the site. Any haul trucks that would be traveling along freeways or major roadways shall be covered.<br>• Use wet power vacuum street sweepers to remove any visible trackout mud or dirt onto adjacent public roads at least once a day. Use of dry power sweeping is prohibited.<br>• Limit vehicle speeds on unpaved roads to 15 miles per hour.<br>• All roadway, driveway, sidewalk, and parking lot paving should be completed as soon as possible. In addition, building pads should be laid as soon as possible after grading unless seeding or soil binders are used.<br>• Minimize idling time either by shutting equipment off when not in use or reducing the time of idling to 5 minutes [required by California Code of Regulations, Title 13, sections 2449(d)(3) and 2485]. Provide clear signage that posts this requirement for workers at the entrances to the site.<br>• Provide current certificate(s) of compliance for CARB's In-Use Off-Road Diesel-Fueled Fleets Regulation [California Code of Regulations, Title 13, sections 2249 and 2449.1]. | During Construction | City of Citrus Heights and Contractor | | |

| Mitigation Measure | | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|---|---|---|---|---|---|
| | | | | Initials | Date |
| **BIOLOGY** | | | | | |
| BIO-1: | Prior to the start of construction activities, the Project limits within environmentally sensitive areas (oak woodlands), will be marked with high visibility Environmentally Sensitive Area (ESA) fencing or staking to ensure construction will not further encroach into sensitive resources. | Prior to Construction | City of Citrus Heights and Contractor | | |
| BIO-2: | Contract specifications will include the following Best Management Practices (BMPs), where applicable, to reduce erosion during construction:<br>1. Exposed soils and material stockpiles would be stabilized, through watering or other measures, to prevent the movement of dust at the Project site caused by wind and construction activities such as traffic and grading activities;<br>2. All vehicle and equipment fueling/maintenance would be conducted outside of oak woodland habitat;<br>3. Equipment used in and around oak woodland habitat must be in good working order and free of dripping or leaking contaminants;<br>4. Raw cement, concrete or concrete washings, asphalt, paint or other coating material, oil or other petroleum products, or any other substances that could be hazardous to wildlife shall be prevented from contaminating the soil;<br>5. All erosion control measures would be properly maintained throughout construction;<br>6. All construction materials would be hauled off-site after completion of construction. | Prior to Construction | City of Citrus Heights and Contractor | | |
| BIO-3: | All onsite refueling and maintenance must occur over plastic sheeting, drip pans, or other secondary containment measures to capture accidental spills before they can contaminate the soil. Secondary containment must have a raised edge (e.g. sheeting wrapped around wattles). | Prior to Construction | City of Citrus Heights and Contractor | | |
| BIO-4: | A chemical spill kit must be kept onsite at all times during work and must be easily accessible for use in the event of a spill. | Prior to Construction | City of Citrus Heights and Contractor | | |

| Mitigation Measure | | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|---|---|---|---|---|---|
| | | | | Initials | Date |
| BIO-5: | In accordance with the City of Citrus Heights Tree Preservation and Protection Regulations, protected trees within the Project footprint will be preserved to the extent feasible. For trees removed for the multiuse trail, a tree permit will be obtained from the City prior to construction. Tree impact and avoidance measures shall be incorporated into the final design of the improvement plans. A certified arborist shall consult and make recommendations for design treatments, modifications, and construction techniques to minimize tree removal and construction impacts. | Prior to and During Construction | City of Citrus Heights and Contractor | | |
| BIO-6: | Prior to arrival at the Project site and prior to leaving the Project site, construction equipment that may contain invasive plants and/or seeds will be cleaned to reduce the spreading of noxious weeds. | During Construction | City of Citrus Heights and Contractor | | |
| BIO-7: | If project-related activities, including vegetation removal or initial ground disturbance, are scheduled during the nesting bird season (February 1 – August 31) a pre-construction nesting bird survey must be conducted by a biologist prior to the start of work. The nesting bird survey must include the Project area plus a 100-foot buffer. Within 2 weeks of the nesting bird survey, all areas surveyed by the biologist must be cleared by the contractor or a supplemental nesting bird survey is required.<br>An approximate 100-foot no-disturbance buffer will be established around any active nest of migratory birds, and an approximate 300-foot no-disturbance buffer will be established around any nesting birds of prey species. The contractor must immediately stop work in the buffer area until the appropriate buffer is established and is prohibited from conducting work within the buffer until the biologist has determined that the nestlings have fledged and are foraging independently. A reduced buffer, or other avoidance strategies, can be established if deemed appropriate by the City and biologist. | Prior to and during construction – Mitigation measures shall be included in all construction documents for implementation during construction. | City of Citrus Heights and Contractor | | |

| Mitigation Measure | | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|---|---|---|---|---|---|
| | | | | Initials | Date |
| BIO-8: | All food-related trash must be disposed of into closed containers and must be removed from the Project area daily. Construction personnel must not feed or otherwise attract wildlife or feral animals to the Project area. | During construction -- Mitigation measures shall be included in all construction documents for implementation during construction. | City of Citrus Heights and Contractor | | |
| BIO-9: | If any wildlife (e.g., amphibians, birds, mammals, reptiles, etc.) are encountered during the course of construction, said wildlife shall be allowed to leave the construction area unharmed. | Prior to and during construction -- Mitigation measures shall be included in all construction documents for implementation during construction | City of Citrus Heights and Contractor | | |
| **CULTURAL RESOURCES** | | | | | |

| Mitigation Measure | | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|---|---|---|---|---|---|
| | | | | Initials | Date |
| CR-1: | Prior to construction, cultural resource awareness and sensitivity training shall be provided to all construction crew members to ensure that the crew members are aware of the potential for sensitive cultural resources to be present onsite. The awareness and sensitivity training would also include an established protocol for informing the resident engineer of any accidentally discovered cultural resources. | Prior to Construction | City of Citrus Heights and Contractor | | |
| CR-2: | Treatment of Discoveries:<br>If significant historical, paleontological, archaeological, or tribal cultural resources are discovered within the APE, ground disturbing activities shall be suspended 100 feet around the resource(s). The archaeological monitor, a representative of the appropriate Native American Tribe(s) (if discovery is prehistoric), and the City shall confer regarding mitigation of the discovered resource(s). All discovered archaeological resources should be documented by field notation, analysis, photography, and GPS mapping. Work shall not resume in the area until mitigation has been completed, or it has been determined that the archaeological resource(s) is not significant. | During Construction | City of Citrus Heights | | |
| CR-3: | Disposition of Discoveries:<br>If human remains are encountered, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the Coroner would notify the Native American Heritage Commission (NAHC), which would determine and notify a Most Likely Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 48 hours of notification by the NAHC. The MLD may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials. | During Construction | City of Citrus Heights | | |

| Mitigation Measure | | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|---|---|---|---|---|---|
| | | | | Initials | Date |
| CR-4: | In the event that Native American cultural resources are inadvertently discovered during the course of construction, the City shall relinquish ownership of all Native American cultural resources, including sacred items, burial goods, and all archaeological artifacts and non-human remains as part of the required mitigation for impacts to Native American cultural resources. Prior to relinquishment, all discovered archaeological resources should be documented by field notation, photography, and GPS mapping. After consultation with the appropriate Native American Tribe(s), non-destructive analysis may be conducted. | During Construction | City of Citrus Heights | | |
| **GEOLOGY AND SOILS** | | | | | |
| GEO-1: | The Proposed Project will comply with the City's Stormwater Discharge Control Measures, listed in the City's Municipal Code (Chapter 98. Article V), which will adequately control erosion and effectively prohibit non-stormwater discharges (City of Citrus Heights 2025b). To prevent the substantial soil erosion or the loss of topsoil post-construction, the Project design will comply with the Sacramento Stormwater Quality Partnership's Stormwater Quality Design Manual for the Sacramento Region (SQDM) to adequately control erosion. | Prior to Construction | City of Citrus Heights | | |
| **HAZARDS** | | | | | |
| HM-1: | Any leaking transformers observed during the course of the project should be considered a potential polychlorinated biphenyl (PCB) hazard. Should leaks from electrical transformers (that will either remain within the construction limits or require removal and/or relocation) be encountered during construction, the transformer fluid should be sampled and analyzed by qualified personnel for detectable levels of PCBs. Should PCBs be detected, the transformer should be removed and disposed of in accordance with Title 22, Division 4.5 of the California Code of Regulations and any other appropriate regulatory agency. Any stained soil encountered below electrical transformers with detectable levels of PCB's should also be handled and disposed of in accordance with Title 22, Division 4.5 of the California Code of Regulations and any other appropriate regulatory agency. | Prior to Construction | City of Citrus Heights | | |
| HM-2: | To avoid impacts from pavement striping during construction it is recommended that removal requirements for yellow striping and pavement marking materials be performed in accordance with Caltrans Standard Special Provision 14-11.07 REMOVE YELLOW TRAFFIC STRIPE AND PAVEMENT MARKING WITH HAZARDOUS WASTE RESIDUE. | Prior to Construction | City of Citrus Heights | | |

| Mitigation Measure | | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|---|---|---|---|---|---|
| | | | | Initials | Date |
| HM-3: | As is the case for any project that proposes excavation, the potential exists for unknown hazardous contamination to be revealed during project construction (such as previously undetected petroleum hydrocarbon contamination from nearby gas stations). Should any previously unknown hazardous waste/material be encountered during construction, the procedures outlined in Caltrans Hazards Procedures for Construction shall be followed. | During Construction | City of Citrus Heights and Contractor | | |
| HM-4: | If the project area changes (due to a change in the project design or staging area), further investigation for potential hazardous waste generators would be required to determine their impact to the revised project limits. | Prior to and During Construction | City of Citrus Heights and Contractor | | |
| **HYDROLOGY** | | | | | |
| HYD-1: | The proposed Project would require coverage under the NPDES General Construction Permit for Discharges of storm water associated with construction activities (2022 Construction Stormwater General Permit, Order 2022-0057-DWQ). A SWPPP would also be developed and implemented as part of the Construction General Permit. This SWPPP will incorporate all applicable BMPs to ensure that adequate measures are taken during construction to minimize impacts to water quality. | During Construction | City of Citrus Heights and Contractor | | |
| **NOISE** | | | | | |
| NOI-1: | The Contractor shall follow City of Citrus Heights noise ordinance for construction activities:<br>• Do not exceed 65 dBA at 50 feet from the job site activities from 8 p.m. to 7 a.m.<br>• Use an alternative waiting method instead of a sound signal unless required by safety laws.<br>• Equip an internal combustion engine with the manufacturer-recommended muffler.<br>• Do not operate an internal combustion engine on the job site without the appropriate muffler. | During Construction | City of Citrus Heights and Contractor | | |
| **POPULATION AND HOUSING** | | | | | |
| PH-1: | Property Compensation: All real property transactions shall comply with the property acquisition and relocation standards of the State of California. Property owners shall be compensated in accordance with fair market values based on appraisals. | Prior to Construction | City of Citrus Heights and Contractor | | |
| **TRANSPORTATION AND TRAFFIC** | | | | | |
| TRA-1: | Temporary impacts to traffic flow as a result of construction activities would be minimized through construction phasing, signage, and a traffic control plan. | Prior to Construction | City of Citrus Heights | | |

| | Mitigation Measure | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|---|---|---|---|---|---|
| | | | | Initials | Date |
| **TRIBAL CULTURAL RESOURCES** | | | | | |
| CR-1: | Prior to construction, cultural resource awareness and sensitivity training shall be provided to all construction crew members to ensure that the crew members are aware of the potential for sensitive cultural resources to be present onsite. The awareness and sensitivity training would also include an established protocol for informing the resident engineer of any accidentally discovered cultural resources. | Prior to Construction | City of Citrus Heights and Contractor | | |
| CR-2: | Treatment of Discoveries:<br>If significant historical, paleontological, archaeological, or tribal cultural resources are discovered within the APE, ground disturbing activities shall be suspended 100 feet around the resource(s). The archaeological monitor, a representative of the appropriate Native American Tribe(s) (if discovery is prehistoric), and the City shall confer regarding mitigation of the discovered resource(s). All discovered archaeological resources should be documented by field notation, analysis, photography, and GPS mapping. Work shall not resume in the area until mitigation has been completed, or it has been determined that the archaeological resource(s) is not significant. | During Construction | City of Citrus Heights | | |
| CR-3: | Disposition of Discoveries:<br>If human remains are encountered, State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the Coroner would notify the Native American Heritage Commission (NAHC), which would determine and notify a Most Likely Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 48 hours of notification by the NAHC. The MLD may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials. | During Construction | City of Citrus Heights | | |

| Mitigation Measure | | Reporting Milestone | Reporting / Responsible Party | VERIFICATION OF COMPLIANCE | |
|---|---|---|---|---|---|
| | | | | Initials | Date |
| CR-4: | In the event that Native American cultural resources are inadvertently discovered during the course of construction, the City shall relinquish ownership of all Native American cultural resources, including sacred items, burial goods, and all archaeological artifacts and non-human remains as part of the required mitigation for impacts to Native American cultural resources. Prior to relinquishment, all discovered archaeological resources should be documented by field notation, photography, and GPS mapping. After consultation with the appropriate Native American Tribe(s), non-destructive analysis may be conducted. | During Construction | City of Citrus Heights | | |

# APPENDIX B: Road Construction Emissions Model

The maximum pounds per day in row 11 is summed over overlapping phases, but the maximum tons per phase in row 34 is not summed over overlapping phases.

## Road Construction Emissions Model, Version 9.0.0

**Daily Emission Estimates for ->** Citrus Heights GAP Alt 2

| Project Phases (Pounds) | ROG (lbs/day) | CO (lbs/day) | NOx (lbs/day) | Total PM10 (lbs/day) | Exhaust PM10 (lbs/day) | Fugitive Dust PM10 (lbs/day) | Total PM2.5 (lbs/day) | Exhaust PM2.5 (lbs/day) | Fugitive Dust PM2.5 (lbs/day) | SOx (lbs/day) | CO2 (lbs/day) | CH4 (lbs/day) | N2O (lbs/day) | CO2e (lbs/day) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Grubbing/Land Clearing** | 0.67 | 14.18 | 2.87 | 10.18 | 0.18 | 10.00 | 2.22 | 0.14 | 2.08 | 0.02 | 2,247.83 | 0.59 | 0.04 | 2,275.62 |
| **Grading/Excavation** | 2.97 | 59.11 | 8.05 | 10.48 | 0.48 | 10.00 | 2.46 | 0.38 | 2.08 | 0.10 | 9,980.05 | 2.87 | 0.17 | 10,101.36 |
| **Drainage/Utilities/Sub-Grade** | 1.66 | 34.94 | 5.09 | 10.32 | 0.32 | 10.00 | 2.34 | 0.26 | 2.08 | 0.06 | 5,714.91 | 1.18 | 0.08 | 5,766.84 |
| **Paving** | 0.87 | 20.36 | 4.72 | 0.26 | 0.26 | 0.00 | 0.19 | 0.19 | 0.00 | 0.04 | 3,630.02 | 0.75 | 0.17 | 3,699.41 |
| **Maximum (pounds/day)** | 4.63 | 94.05 | 13.14 | 20.81 | 0.81 | 20.00 | 4.80 | 0.64 | 4.16 | 0.16 | 15,694.96 | 4.05 | 0.24 | 15,868.19 |
| **Total (tons/construction project)** | 0.13 | 2.74 | 0.41 | 0.59 | 0.02 | 0.56 | 0.14 | 0.02 | 0.12 | 0.00 | 460.34 | 0.12 | 0.01 | 465.84 |

Notes:

| | |
|---|---|
| Project Start Year -> | 2027 |
| Project Length (months) -> | 6 |
| Total Project Area (acres) -> | 11 |
| Maximum Area Disturbed/Day (acres) -> | 1 |
| Water Truck Used? -> | Yes |

| | Total Material Imported/Exported Volume ($yd^3$/day) | | Daily VMT (miles/day) | | | |
|---|---|---|---|---|---|---|
| Phase | Soil | Asphalt | Soil Hauling | Asphalt Hauling | Worker Commute | Water Truck |
| Grubbing/Land Clearing | 0 | 0 | 0 | 0 | 320 | 40 |
| Grading/Excavation | 11 | 35 | 30 | 60 | 920 | 40 |
| Drainage/Utilities/Sub-Grade | 0 | 0 | 0 | 0 | 680 | 40 |
| Paving | 0 | 134 | 0 | 210 | 520 | 40 |

PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.

Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns G and H. Total PM2.5 emissions shown in Column I are the sum of exhaust and fugitive dust emissions shown in columns J and K.

CO2e emissions are estimated by multiplying mass emissions for each GHG by its global warming potential (GWP), 1 , 25 and 298 for CO2, CH4 and N2O, respectively. Total CO2e is then estimated by summing CO2e estimates over all GHGs.

**Total Emission Estimates by Phase for ->** Citrus Heights GAP Alt 2

| Project Phases (Tons for all except CO2e. Metric tonnes for CO2e) | ROG (tons/phase) | CO (tons/phase) | NOx (tons/phase) | Total PM10 (tons/phase) | Exhaust PM10 (tons/phase) | Fugitive Dust PM10 (tons/phase) | Total PM2.5 (tons/phase) | Exhaust PM2.5 (tons/phase) | Fugitive Dust PM2.5 (tons/phase) | SOx (tons/phase) | CO2 (tons/phase) | CH4 (tons/phase) | N2O (tons/phase) | CO2e (MT/phase) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Grubbing/Land Clearing** | 0.00 | 0.09 | 0.02 | 0.07 | 0.00 | 0.07 | 0.01 | 0.00 | 0.01 | 0.00 | 14.84 | 0.00 | 0.00 | 13.63 |
| **Grading/Excavation** | 0.09 | 1.76 | 0.24 | 0.31 | 0.01 | 0.30 | 0.07 | 0.01 | 0.06 | 0.00 | 296.41 | 0.09 | 0.00 | 272.17 |
| **Drainage/Utilities/Sub-Grade** | 0.03 | 0.69 | 0.10 | 0.20 | 0.01 | 0.20 | 0.05 | 0.01 | 0.04 | 0.00 | 113.16 | 0.02 | 0.00 | 103.59 |
| **Paving** | 0.01 | 0.20 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 35.94 | 0.01 | 0.00 | 33.23 |
| **Maximum (tons/phase)** | 0.09 | 1.76 | 0.24 | 0.31 | 0.01 | 0.30 | 0.07 | 0.01 | 0.06 | 0.00 | 296.41 | 0.09 | 0.00 | 272.17 |
| **Total (tons/construction project)** | 0.13 | 2.74 | 0.41 | 0.59 | 0.02 | 0.56 | 0.14 | 0.02 | 0.12 | 0.00 | 460.34 | 0.12 | 0.01 | 422.60 |

PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.

Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns G and H. Total PM2.5 emissions shown in Column I are the sum of exhaust and fugitive dust emissions shown in columns J and K.

CO2e emissions are estimated by multiplying mass emissions for each GHG by its global warming potential (GWP), 1 , 25 and 298 for CO2, CH4 and N2O, respectively. Total CO2e is then estimated by summing CO2e estimates over all GHGs.

The CO2e emissions are reported as metric tons per phase.

# APPENDIX C: Natural Environment Study Minimal Impacts

# Natural Environment Study (Minimal Impacts)

## Citrus Heights Gateway Activation Project

City of Citrus Heights, Sacramento County, California

**January 2026**

STATE OF CALIFORNIA
Department of Transportation, District 3
City of Citrus Heights

Prepared By: _____ Date: _____
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City of Citrus Heights General Services Department

For individuals with sensory disabilities, this document can be made available in Braille, in large print, on audiocassette, or on computer disk. To obtain a copy in one of these alternate formats, please call or write to Department of Transportation, Dennis Keaton, Caltrans District 3 Public Information Director, 703 B Street, Marysville, CA 95901; (916) 825-5252 (Voice) or use the California Relay Service (800) 735-2929 (TTY to Voice), (800) 735-2922 (Voice to TTY) or 711.

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# 1. Introduction

The City of Citrus Heights (City) proposes to construct multimodal and roadway improvements along Old Auburn Road and Wachtel Way in northern Sacramento County as part of the Citrus Heights Gateway Activation Project (Project). The Project is intended to provide Complete Street elements to serve bicyclists, pedestrians, and motorists as well as intersection improvements to facilitate traffic circulation along these roads.

The Project is located in the City of Citrus Heights, within the Folsom United States Geological Survey (USGS) 7.5-minute quadrangle, in Sacramento County, specifically in Sections 17, 18, 19, and 20, Township 10 North, Range 7 East (Figure 1. Project Vicinity and Figure 2. Project Location). This Natural Environment Study - Minimal Impacts (NES(MI)) was prepared for the proposed Project and describes the existing biological environment within the Project area of the proposed Project.

## 1.1 Project History

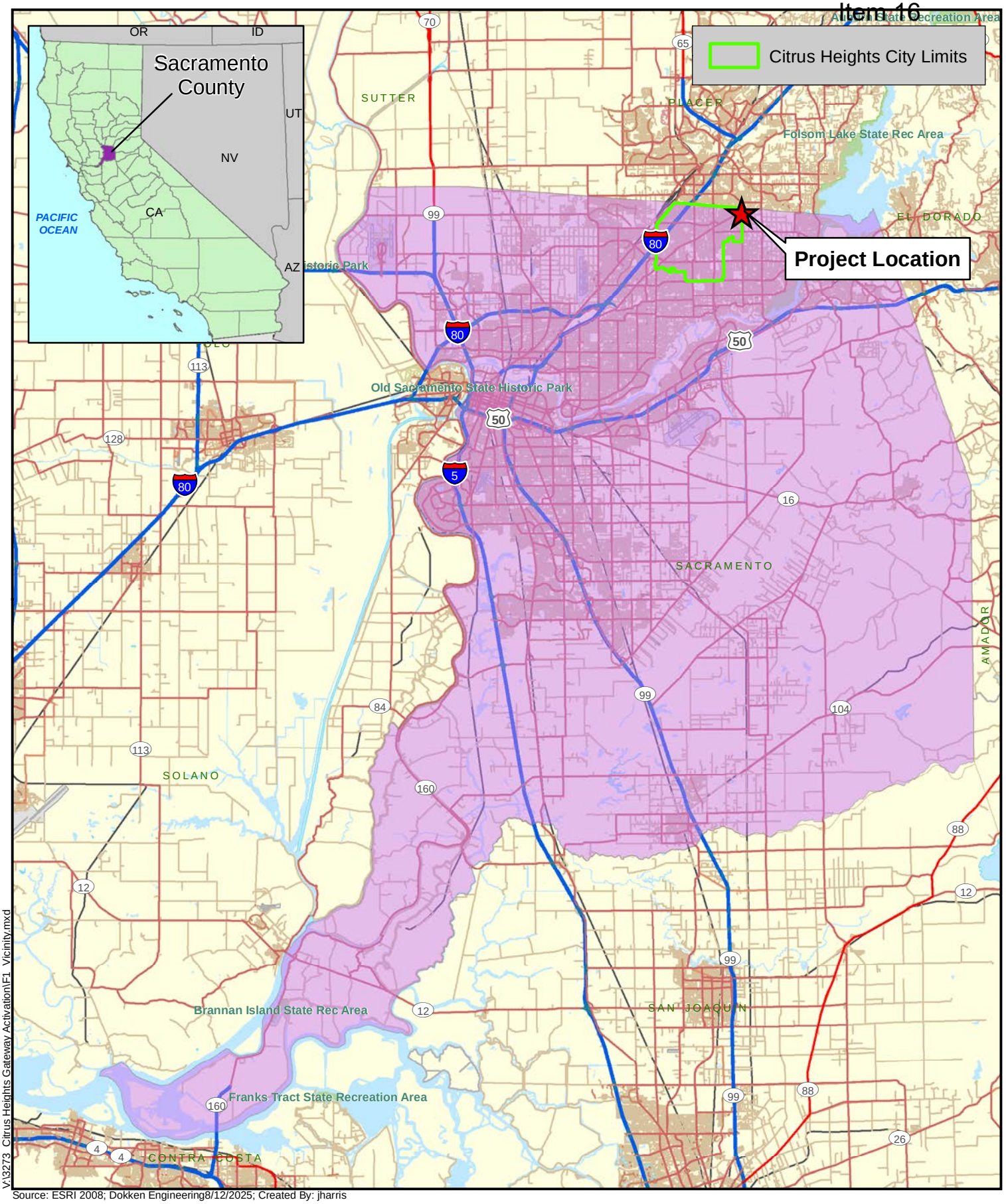
### 1.1.1 Project Purpose and Need

Purpose

The purpose of the Project is to address traffic congestion and strengthen connectivity along Old Auburn Road and Wachtel Way by improving intersection operations, linking to existing bicycle and pedestrian infrastructure, and establishing future connections to planned facilities in nearby jurisdictions, such as the City of Roseville and Sacramento County. The Project aims to improve vehicular traffic circulation, enhance safety, accessibility, and mobility for all users by incorporating complete street elements that promote convenient and comfortable travel to key destinations, including neighborhoods, parks, open spaces, and regional trail systems. Planned improvements will improve traffic circulation and close gaps in pedestrian and bicycle networks along both roads by installing roundabouts, upgrading intersections, adding pedestrian crossings, enhancing streetscapes, and creating connections to current and future local and regional multi-use paths.

Need

In the City’s northeast residential area, ongoing efforts have focused on expanding the bicycle and pedestrian network through new trails, bike lanes, and safer roadway crossings. Aligned with the City’s Bicycle and Pedestrian Master Plans, the Project aims to enhance accessibility and safety along key corridors and improve the broader transportation system. Currently, the area has gaps in the regional trail network and limited links between existing and planned bikeways. This Project will address these deficiencies by closing infrastructure gaps, improving mobility and safety, and encouraging non-motorized travel for both commuters and recreational users.



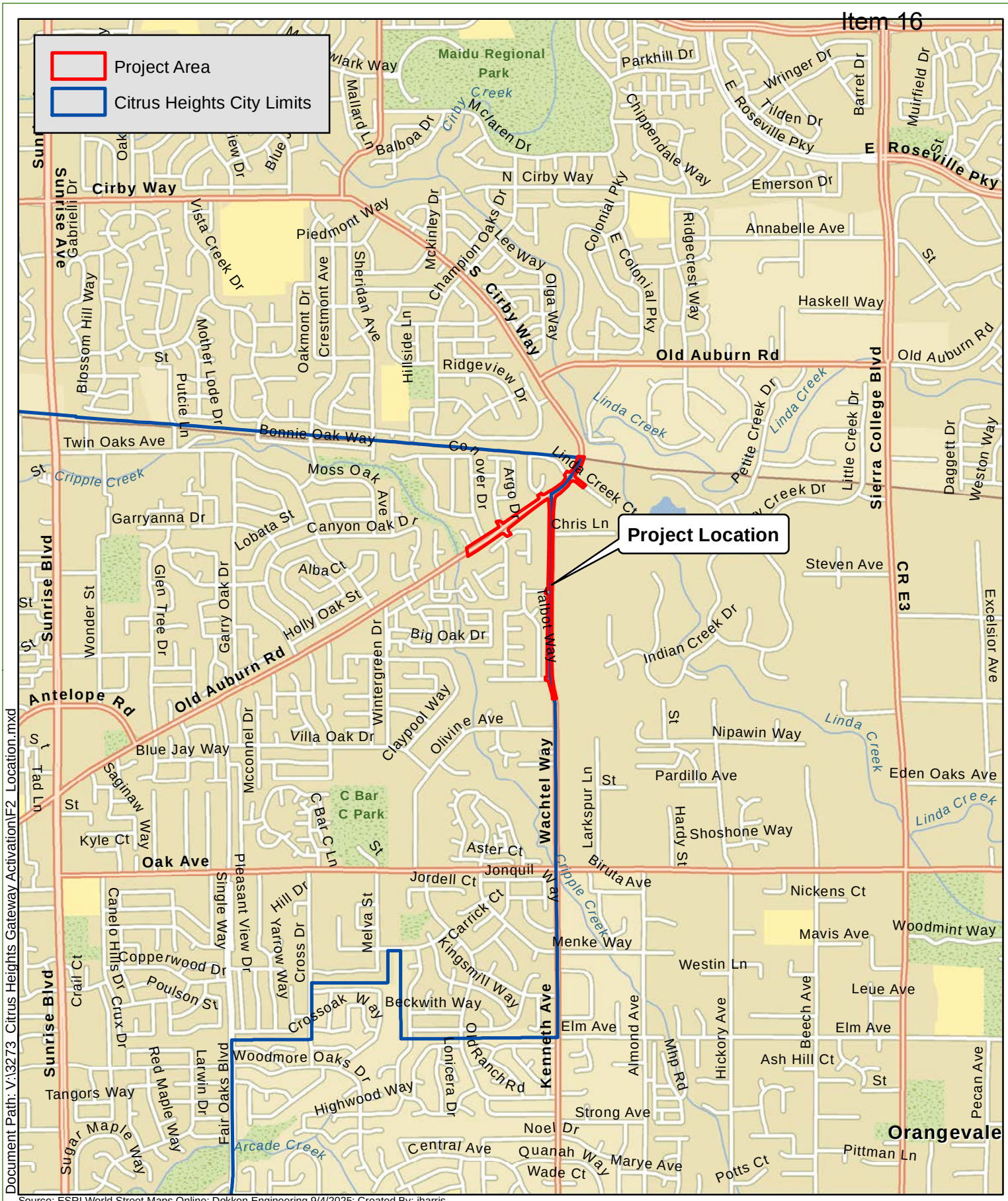

V:\3273_Citrus Heights Gateway Activation\F1_Vicinity.mxd

Source: ESRI 2008; Dokken Engineering8/12/2025; Created By: jharris

0 5 10 15 Miles

**FIGURE 1**
**Project Vicinity**

Gateway Activation Project
Citrus Heights, Sacramento County, California
Agenda Packet Page #220




Source: ESRI World Street Maps Online; Dokken Engineering 9/4/2025; Created By: jharris

Document Path: V:\3273 Citrus Heights Gateway Activation\F2 Location.mxd

0 0.25 0.5 0.75 1 Miles

**FIGURE 2**
**Project Location**

Citrus Heights Gateway Activation Project
Citrus Heights, Sacramento County, California
Agenda Packet Page #221

## 1.2 Project Description

The City proposes to construct multimodal and roadway improvements along Old Auburn Road and Wachtel Way in Citrus Heights. The purpose of the Project is to address traffic congestion along Old Auburn Road, enhance connectivity to existing bicycle and pedestrian infrastructure, and provide future linkages to planned facilities in neighboring jurisdictions, including the City of Roseville and Sacramento County.

The proposed improvements include intersection enhancements such as roundabouts, as well as the installation of pedestrian and bicycle facilities such as multi-use pathways, Class IV bikeways, crosswalks, sidewalks, and Americans with Disabilities Act (ADA)-compliant curb ramps. The Project includes amending the Bikeway Master Plan, Pedestrian Master Plan, and the General Plan Bikeway Map to incorporate these new bicycle and pedestrian segments. These improvements are needed to address traffic congestion along Old Auburn Road as well as current deficiencies in pedestrian and bicycle access along Old Auburn Road and Wachtel Way.

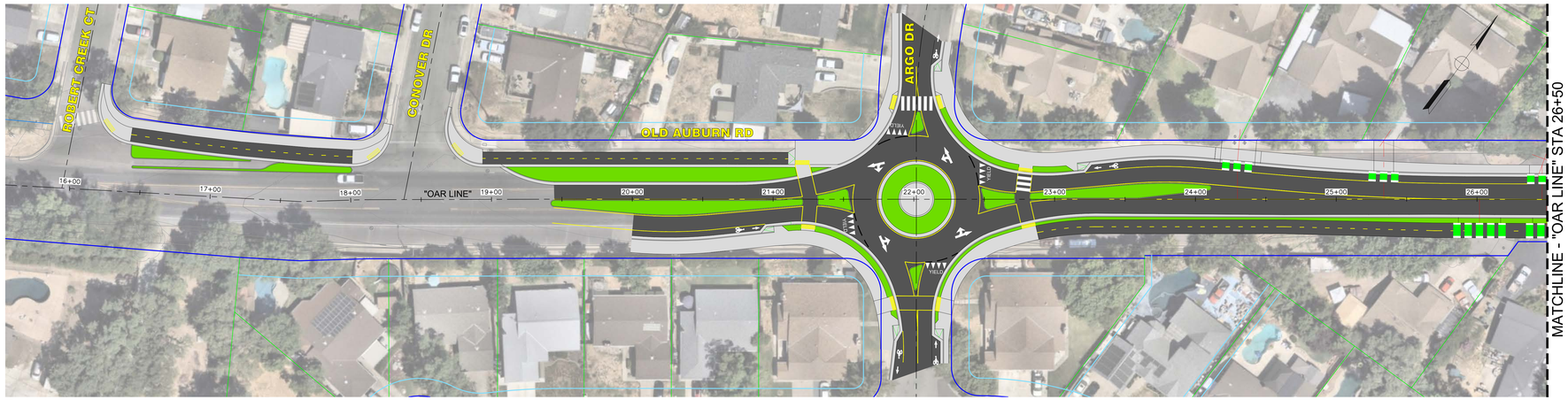
The proposed Project includes bicycle and pedestrian improvements along Wachtel Way, extending from the Arcade-Cripple Creek Trail just south of Pitalo Way to Old Auburn Road. Along Old Auburn Road, improvements will extend from Robert Creek Court to the boundary line with the City of Roseville. The Project also includes intersection improvements at Argo Drive and Old Auburn Road, focusing on the addition of a pedestrian crossing and enhanced safety features. Additionally, safety and traffic flow improvements have been evaluated at three closely spaced intersections—Oakwood Hills Circle, Wachtel Way, and Oakwood Hills Circle/Linda Creek Court—addressing issues such as intersection interactions and the difficulty of making a left turn from Oakwood Hills Circle onto Old Auburn Road.

The Project consists of constructing roundabouts at the Argo Drive, Wachtel Way, and Oakwood Hills Circle/Linda Creek Court intersections. (Figure 3. Project Features). The proposed improvements would involve excavation, limited to areas necessary for constructing a roundabout, street lighting, a retaining wall, and sidewalks, ADA-compliant curb ramps, and bicycle facilities. Partial road closures are anticipated during construction; however, access to all residences will be maintained at all times. The Project will require permanent right-of-way (ROW) acquisitions where existing ROW is insufficient to accommodate new facilities. Temporary construction easements will be required to support construction activities. Utility relocations will be necessary where existing infrastructure conflicts with the proposed improvements. Construction is scheduled to begin in the summer of 2027 and is expected to take approximately six months to complete.

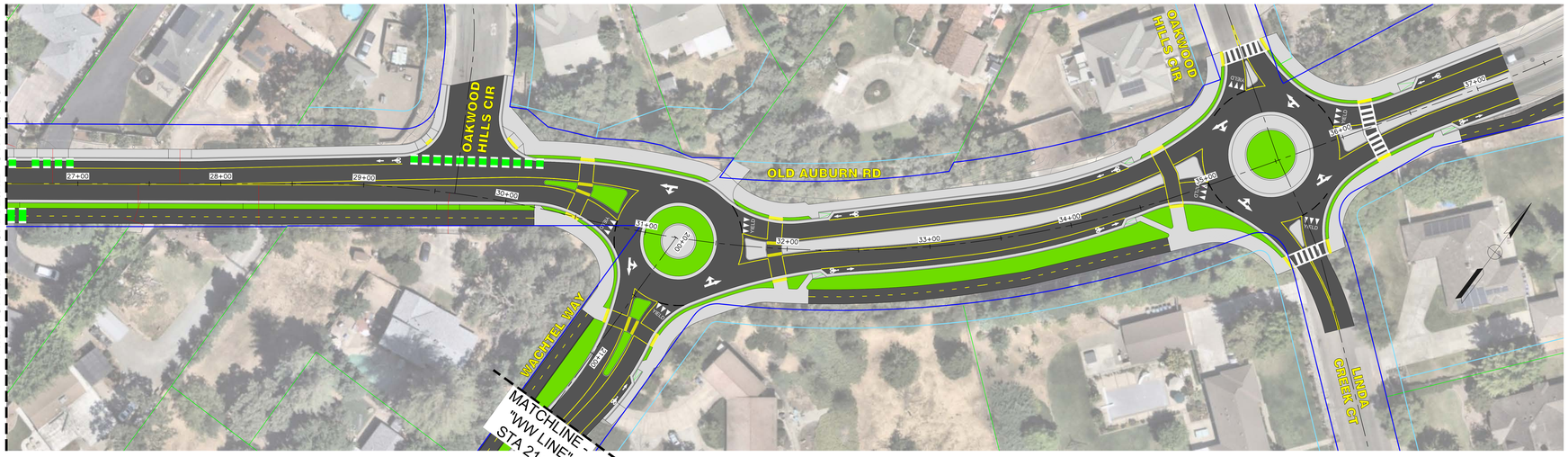
The Project is locally funded through the City, and as such it requires compliance with the California Environmental Quality Act (CEQA). The lead agency for the CEQA compliance is the City.

# Figure 3. Project Features

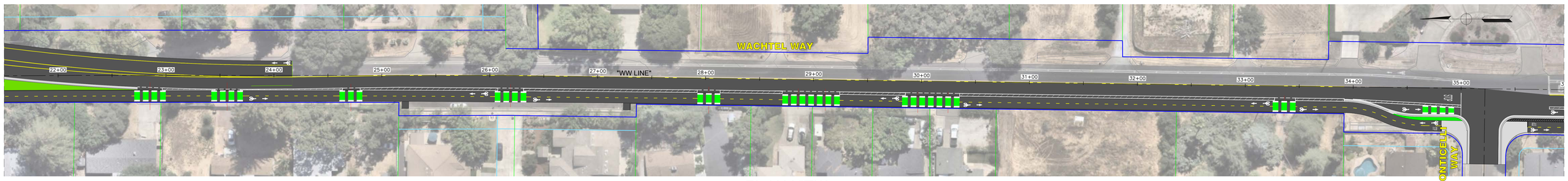
Citrus Heights Gateway Activation Project
Citrus Heights, Sacramento County, Califronia



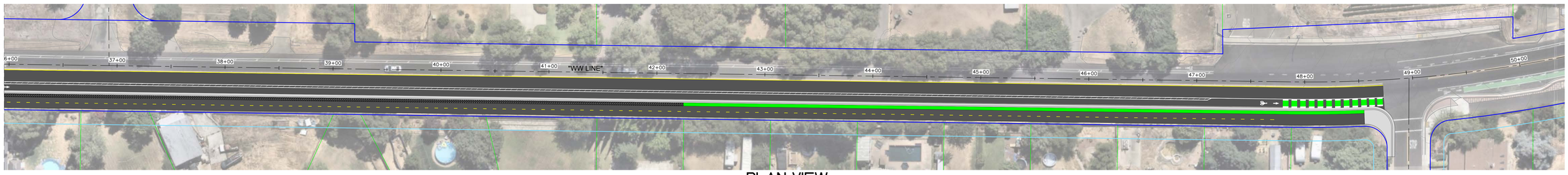

PLAN VIEW
SCALE 1" = 30'




PLAN VIEW
SCALE 1" = 30'




PLAN VIEW
SCALE 1" = 30'




PLAN VIEW
SCALE 1" = 30'

## LEGEND:

PROPOSED

- ASPHALT
- SIDEWALK
- LANDSCAPING
- STRIPING
- PAVEMENT MARKINGS
- BIKE LANE
- BIKE RAMP
- PATHWAY
- CURB RAMP

EXISTING

- RIGHT OF WAY
- CENTERLINE
- LOT LINES
- EASEMENTS

0 30 60 Feet

# 2. Study Methods

## 2.1 Regulatory Requirements

This section describes the general Federal, State, and local plans, policies, and laws that are relevant to biological resources within the Project area. Applicable approvals that could be required before the construction of the Project are provided in Chapter 5.

Federal Regulations

*National Environmental Policy Act*

The National Environmental Policy Act (NEPA) provides an interdisciplinary framework for environmental planning by Federal agencies and contains action-forcing procedures to ensure that Federal agency decision makers take environmental factors into account. NEPA applies when a Federal agency proposes an action, grants a permit, or agrees to fund or otherwise authorize any other entity to undertake an action that could possibly affect environmental resources. The City may pursue federal funding for the Project; therefore, environmental clearance under the NEPA, including compliance with the California Department of Transportation (Caltrans) District 3 standards, may be required.

*Executive Order 13112: Prevention and Control of Invasive Species*

Executive Order (EO) 13112 (signed February 3, 1999) directs all Federal agencies to prevent and control the introduction of invasive species in a cost-effective and environmentally sound manner. The EO and directives from the Federal Highway Administration require consideration of invasive species in NEPA analyses, including their identification and distribution, their potential impacts, and measures to prevent or eradicate them.

*Executive Order 13186: Migratory Bird Treaty Act*

EO 13186 (signed January 10, 2001) directs each Federal agency taking actions that could adversely affect migratory bird populations to work with United States Fish and Wildlife Service (USFWS) to develop a Memorandum of Understanding that will promote the conservation of migratory bird populations. Protocols developed under the Memorandum of Understanding will include the following agency responsibilities:

- avoid and minimize, to the maximum extent practicable, adverse impacts on migratory bird resources when conducting agency actions;
- restore and enhance habitat of migratory birds, as practicable; and
- prevent or abate the pollution or detrimental alteration of the environment for the benefit of migratory birds, as practicable.

The EO is designed to assist Federal agencies in their efforts to comply with the Migratory Bird Treaty Act (MBTA) (50 Code of Federal Regulations [CFR] 10 and 21) and does not constitute any legal authorization to take migratory birds. Take is defined under the MBTA as “the action of or attempt to pursue, hunt, shoot, capture, collect, or kill” (50 CFR 10.12) and includes intentional take (i.e., take that is the purpose of the activity in question) and unintentional take (i.e., take that results from, but is not the purpose of, the activity in question).

*Clean Water Act*

The Clean Water Act (CWA) was enacted as an amendment to the Federal Water Pollutant Control Act of 1972, which outlined the basic structure for regulating discharges of pollutants to Waters of the United States (WOTUS). The CWA is the primary federal law protecting the quality of the nation’s surface waters, including lakes, rivers, and coastal wetlands. The CWA empowers the United States Environmental Protection Agency (EPA) to set national water quality standards and effluent limitations and includes programs addressing point-source and non-point-source pollution for all WOTUS.

On May 25, 2023, the U.S. Supreme Court issued its ruling on the Sackett v. EPA case redefining WOTUS. The Court’s decision holds that “only those relatively permanent, standing or continuously flowing bodies of water forming geographic features that are described in ordinary parlance as streams, oceans, river, and lakes” are considered WOTUS. The ruling limits the scope of WOTUS to those “wetlands with a continuous surface connection to bodies that are WOTUS in their own right.”

Section 401

The Regional Water Quality Control Board (RWQCB) has jurisdiction under Section 401 of the CWA and regulates any activity which may result in a discharge to surface waters. Typically, the areas subject to jurisdiction of the RWQCB coincide with WOTUS, including any wetlands. The RWQCB also asserts authority over “waters of the State” under waste discharge requirements pursuant to the Porter-Cologne Water Quality Control Act.

The Project area was evaluated for the presence of jurisdictional WOTUS and Waters of the State. No such features were identified within the Project footprint. As such, permitting under Section 401of the CWA is not warranted.

Section 402

The State Water Resources Control Board (SWRCB) regulates construction projects that involve ground disturbance of one acre or greater. These projects must obtain coverage under the SWRCB General Permit for Storm Water Discharges Associated with Construction Activity. Operators of regulated construction sites are required to develop a Stormwater Pollution Prevention Plan; to implement sediment, erosion, and pollution prevention control measures; and to obtain coverage under the General Construction Permit.

Because the Project will result in ground disturbance of one acre or more, the permittee must obtain coverage under the SWRCB's Construction General Permit and prepare a Stormwater Pollution Prevention Plan.

Section 404

The U.S. Army Corps of Engineers (USACE) regulates discharges of dredged or fill material into WOTUS. These waters include wetlands and non-wetland bodies of water that meet specific criteria, including a direct or indirect connection to interstate commerce. The USACE regulatory jurisdiction pursuant to Section 404 of the CWA is founded on a connection, or nexus, between the water body in question and interstate commerce. This connection may be direct (through a tributary system linking a stream channel with traditional navigable waters used in interstate or foreign commerce) or may be indirect (through a nexus identified in USACE regulations).

Nationwide Permits are a set of streamlined permits issued by the USACE under Section 404 of the CWA, designed to authorize specific activities that have minimal environmental impact on WOTUS. These permits cover a range of activities, such as construction, dredging, and filling, and are subject to general conditions to ensure they do not significantly degrade aquatic resources.

The Project area was evaluated for the presence of jurisdictional WOTUS and Waters of the State. No such features were identified within the Project footprint. As such, permitting under Section 404 of the CWA is not warranted

State Regulations

*California Environmental Quality Act*

CEQA (California Public Resource Code [PRC] § 21000 et seq) is a statute that requires state and local agencies to identify the significant environmental impacts of their actions and to avoid or mitigate those impacts, if feasible. CEQA applies to certain activities of state and local public agencies. A public agency must comply with CEQA when it undertakes an activity defined by CEQA as a "project." A project is an activity undertaken by a public agency or a private activity which must receive some discretionary approval (meaning that the agency has the authority to deny the requested permit or approval) from a government agency which may cause either a direct physical change in the environment or a reasonably foreseeable indirect change in the environment. The City is the CEQA lead agency for the proposed Project.

*Section 1602: Streambed Alteration Agreement*

Under California Fish and Game Code (CFG) Section 1602, public agencies are required to notify California Department of Fish and Wildlife (CDFW) before undertaking any project that will divert, obstruct, or change the natural flow, bed, channel, or bank of any river, stream, or lake. Preliminary notification and project review generally occur during the environmental process. When an existing fish or wildlife resource may be substantially adversely affected, CDFW is required to propose reasonable project

changes to protect the resources. These modifications are formalized in a Streambed Alteration Agreement that becomes part of the plans, specifications, and bid documents for the project. As the Project will not divert, obstruct or change the natural flow, bed, channel, or bank of any river, stream or lake, a Streambed Alteration Agreement will not be required.

*Porter Cologne Water Quality Control Act*

California's Porter-Cologne Act, enacted in 1969, provides the legal basis for water quality regulation within California. The act requires a "Report of Waste Discharge" for any discharge of waste (liquid, solid, or gaseous) to land or surface waters that may impair beneficial uses for surface and/or groundwater of the State. It predates the CWA and regulates discharges to waters of the state. Waters of the state include more than just WOTUS, such as groundwater and surface waters not considered WOTUS. Additionally, it prohibits discharges of "waste" as defined, and this definition is broader than the CWA definition of "pollutant". Discharges under the Porter-Cologne Act are permitted by Waste Discharge Requirements and may be required even when the discharge is already permitted or exempt under the CWA.

The RWQCBs are responsible for establishing the water quality standards (objectives and beneficial uses) required by the CWA and regulating discharges to ensure compliance with the water quality standards. Details regarding water quality standards in an Action Area are contained in the applicable RWQCB Basin Plan. In California, RWQCBs designate beneficial uses for all water body segments in their jurisdictions, and then set criteria necessary to protect these uses. Consequently, the water quality standards developed for particular water segments are based on the designated use and vary depending on such use. In addition, the SWRCB identifies waters failing to meet standards for specific pollutants, which are then state-listed in accordance with CWA Section 303(d). If a state determines that waters are impaired, and the standards cannot be met through point source or non-source point controls (National Pollutant Discharge Elimination System [NPDES] permits or Waste Discharge Requirements), the CWA requires the establishment of total maximum daily loads (TMDLs) which specify allowable pollutant loads from all sources (point, non-point, and natural) for a given watershed.

As there are no Waters of the State within the Project area, the Project will not require a Report of Waste Discharge.

*Regional Water Quality Control Boards*

The SWRCB adjudicates water rights, sets water pollution control policy, and issues water board orders on matters of statewide application, and oversees water quality functions throughout the state by approving Basin Plans, TMDLs, and NPDES permits. RWQCBs are responsible for protecting beneficial uses of water resources within their regional jurisdiction using planning, permitting, and enforcement authorities to meet this responsibility.

*Section 3503 and 3503.5: Birds and Birds of Prey*

CFG Code Section 3503 prohibits the destruction of bird nests and Section 3503.5 prohibits the killing of birds of prey and destruction of their nests. Trees and shrubs are present in and adjacent to the study area and could contain nesting sites.

*Section 3513: Migratory Birds*

CFG Code Section 3513 prohibits the take or possession of any migratory non-game bird as designated in the MBTA or any part of such migratory non-game bird except as provided by rules and regulations adopted by the Secretary of the Interior under provisions of the MBTA.

Local Regulations

*City of Citrus Heights Municipal Code – Tree Preservation and Protection Regulations*

The City has adopted Tree Preservation and Protection Regulations to conserve its urban forest, with a particular focus on native oak trees. These regulations require permits for the removal or substantial pruning of protected trees and are intended to balance development with long-term environmental stewardship (City of Citrus Heights 2025). Pursuant to thew City's Municipal Code Section 106.39.020(c)(5), street widening projects are exempt from these requirements; therefore, the Project does not require tree removal permits or off-site mitigation for the removal of native oak trees.

## 2.2 Studies Required

### 2.2.1 Literature Search

Prior to field work, literature research was conducted through the USFWS Information for Planning and Consultation (IPaC) official species list generator (Appendix A: USFWS Species List), the CDFW California Natural Diversity Database (CNDDB) (Appendix B: CDFW CNDDB Species List), and the California Native Plant Society (CNPS) Electronic Inventory of Rare and Endangered Plants (Appendix C: CNPS Species List), to identify habitats and special status species having the potential to occur within the Biological Study Area (BSA).

### 2.2.2 Field Reviews

The BSA was defined as the area of direct effects from construction activities, including potential staging/access areas with an approximate 50-foot buffer to account for adjacent biological resources that may be affected by the Project. A field assessment was completed within the BSA to identify and map vegetation communities and identify if habitat for special status species was present.

### 2.2.3 Survey Methods

Biological surveys were conducted within the BSA on April 24, 2025. Survey methods included walking meandering transects, observing vegetation communities, compiling notes on observed flora and fauna, and assessing the potential for existing habitat to support sensitive plants and wildlife. All plant and wildlife observations were recorded and are discussed in Chapter 3.

## 2.3 Personnel and Survey Dates

On April 24, 2025, Dokken biologists Jeff Harris and Katie Jacobson conducted a general biological survey to document biological resources within the BSA. Surveys were performed to document existing biological conditions within the BSA and to assess the potential presence of special-status species and sensitive habitats.

## 2.4 Agency Coordination and Professional Contacts

United States Fish and Wildlife Service

On January 23, 2026, an official species list was obtained from USFWS of federally listed species that could occur in the vicinity of the Project (Appendix A).

California Department of Fish and Wildlife

On January 23, 2026, a four-quadrangle list of species with potential to occur in the Project vicinity was obtained from CDFW's CNDDB (Appendix B).

California Native Plant Society

On January 23, 2026, a four-quadrangle list of plant species with potential to occur in the Project vicinity was obtained from the CNPS Inventory of Rare and Endangered Plants of California (Appendix C).

## 2.5 Limitations That May Influence Results

The collection of biological field data is normally subject to environmental factors that cannot be controlled or reliably predicted. Consequently, the interpretation of field data must be conservative and consider the uncertainties and limitations imposed by the environment. Biological surveys were conducted in April, which is within the blooming period for most special status plant species. No limitations were present that could influence the results of this document. All surveys were conducted during appropriate weather and temperature conditions.

# 3. Results: Environmental Setting

## 3.1 Description of the Existing Physical and Biological Conditions

### 3.1.1 Study Area

The Project area, defined as the area of direct impact, is approximately 11.36 acres. Prior to field surveys, the BSA was defined as the Project area, plus an approximate 50-foot buffer to account for adjacent biological resources. The BSA was delineated to include the existing roadway footprint along Old Auburn Road and Wachtel Way. The BSA extends from the northern City limit at the northern terminus of the Project, southward along Wachtel Way to Pitalo Way, terminating just before the Arcade-Cripple Creek Trail. The eastern and western boundary of the BSA extends along Old Auburn Road from the City line to Robert Creek Court, respectively, ending just before Cripple Creek. The BSA encompasses all areas where direct and indirect impacts from the proposed Project may occur, including areas subject to vegetation removal, excavation, grading, and staging.

From east to west, the BSA measures approximately 1,900 feet long and measures approximately 60 feet at its widest point. The total area of the BSA is 25.47 acres.

### 3.1.2 Physical Conditions

Regionally, the BSA is located in the northeastern portion of the City of Citrus Heights, California, along the north-central extent of Sacramento County. The BSA lies within the Sacramento Valley Subregion of the Central Western California Floristic Province (Jepson 2025).

Climate

The City experiences Mediterranean conditions including warm, dry summers and cool, wet winters. The average annual high temperature is approximately 80 degrees Fahrenheit (°F), and the average annual lows reach approximately 52°F, with up to 23 inches of precipitation annually (Weather Spark 2025).

Topography & Drainage Patterns

The BSA ranges between 185 to 215 feet in elevation. The surrounding landscape is entirely developed with residential homes and small patches of annual grasslands between parcels. There are no natural drainage courses within the BSA. No aquatic resources were identified during the biological survey.

Soils

Soil composition within the BSA consists of Xerofluvents, frequently flooded (~1.1% of the BSA), Fiddyment-Orangevale-Urban land complex (~48.8% of the BSA), Urban land-Xerarents-Fiddyment complex (~46.2% of the BSA), and Xerofluvents, flooded

(~3.9% of the BSA) (Natural Resource Conservation Service [NRCS] 2025; Appendix D. NRCS Soil Report). The characteristics of these soils are listed below in Table 1.

**Table 1. Soil Characteristics within the BSA**

| Soil Type | Slopes (%) | Drainage | Depth to Water Table | Depth to Restrictive Feature | Hydric (Yes/No) |
|---|---|---|---|---|---|
| Xerofluvents, frequently flooded | 0 to 2% | Somewhat poorly drained | 30 to 57 inches | >80 inches | Yes |
| Fiddyment-Orangevale-Urban land complex | 2 to 8% | Well drained | >80 inches | 28 to 40 inches to duripan; 40 to 44 inches to densic material | No |
| Urban land-Xerarents-Fiddyment complex | 0 to 8% | Well drained | >80 inches | >80 inches | No |
| Xerofluvents, flooded | 0 to 2% | Somewhat excessively drained | >80 inches | >80 inches | Yes |

### 3.1.3 Biological Conditions

Land cover within the BSA includes urban/developed, oak woodland, ruderal, and annual grasslands (Figure 4. Vegetation Communities; Appendix E. Representative Photographs). Plant and wildlife species observed within the BSA during the April 2025 biological survey were used to define habitat types based on composition, abundance, and cover (Table 2. Species Observed During Biological Surveys).

Urban/developed

Urban/developed areas comprise the majority of the land cover within the BSA. This land cover type includes portions of various roadways including Old Auburn Road, Wachtel Way, Linda Creek Court, Oakwood Hills Circle, Argo Drive, Conover Drive and Robert Creek Court. These roadways are paved, heavily trafficked and devoid of vegetation. Also included in this land cover type are residential homes and associated landscaping, including planted ornamental vegetation and lawns. Ornamental vegetation observed within urban/developed areas during the biological survey includes

Biological Study Area (25.47 acres)

Citrus Heights City Limits

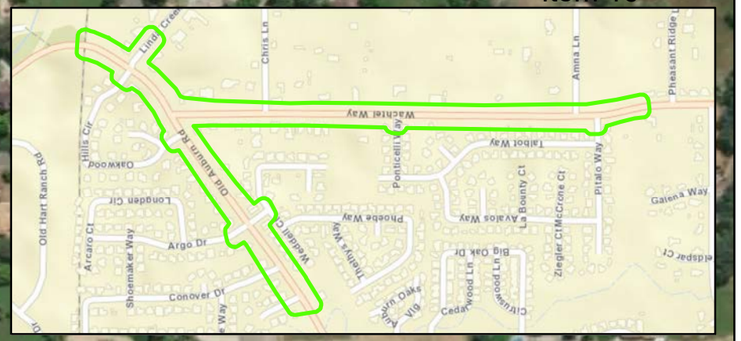
**Vegetation Communities**

Annual grassland (0.68 acres)

Oak woodland (0.76 acres)

Ruderal (0.40 acres)

Urban/developed (23.63 acres)



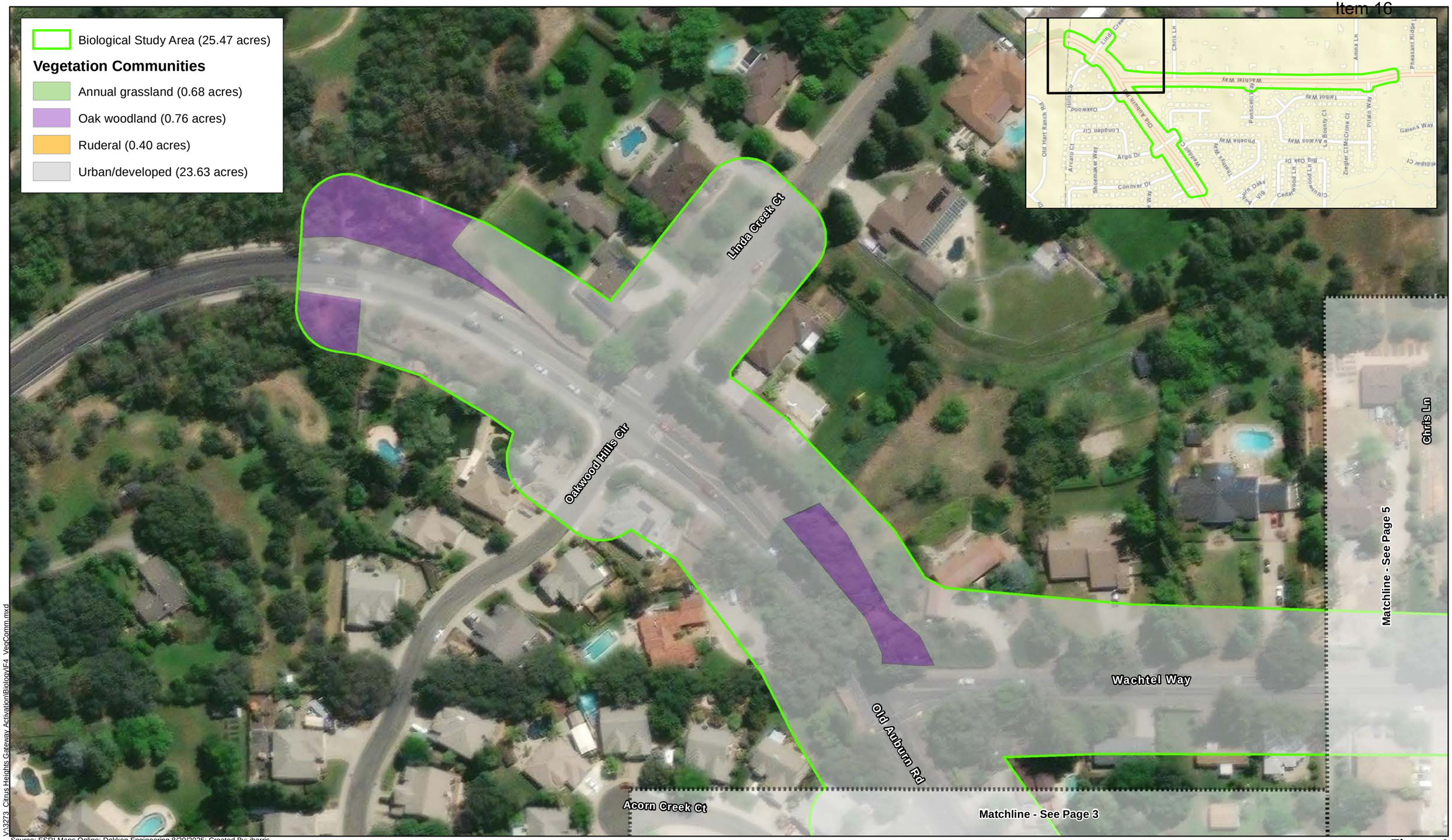

V:\3273_Citrus Heights Gateway Activation\Biology\F4_VegComm.mxd

Source: ESRI Maps Online; Dokken Engineering 9/4/2025; Created By: jharris

1 inch = 300 feet

0 150 300 450 600 Feet

**Figure 4**
**Vegetation Communities**
Page 1 of 6
Cirtus Heights Gateway Activation Project
Cirtus Heights, Sacramento County, California




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Source: ESRI Maps Online; Dokken Engineering 8/20/2025; Created By: jharris

1 inch = 100 feet

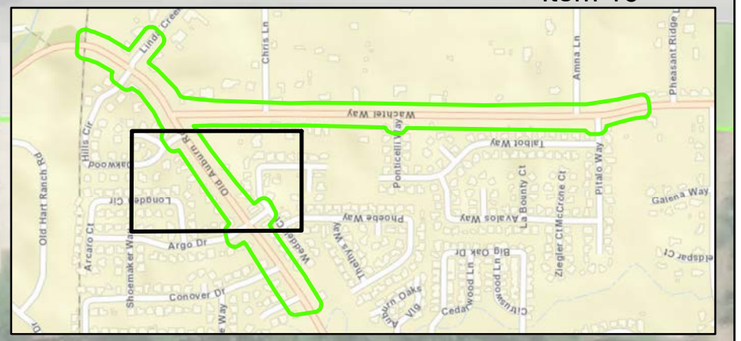
0 50 100 150 200 Feet

**Figure 4**
**Vegetation Communities**
Page 2 of 6
Cirtus Heights Gateway Activation Project
Cirtus Heights, Sacramento County, California

Biological Study Area (25.47 acres)

**Vegetation Communities**

- Annual grassland (0.68 acres)
- Oak woodland (0.76 acres)
- Ruderal (0.40 acres)
- Urban/developed (23.63 acres)




Matchline - See Page 2

Oakwood Hills Cir

Old Auburn Rd

Talbot Way

Silver Rock Ct

Longden Cir

Phoebe Way

Matchline - See Page 4

Weddell Ct

Argo Dr

Y:\3273_Citrus Heights Gateway Activation\Biology\F4_VegComm.mxd

Source: ESRI Maps Online; Dokken Engineering 8/20/2025; Created By: jharris

1 inch = 100 feet

0 50 100 150 200 Feet

**Figure 4**
**Vegetation Communities**



Cirtus Heights Gateway Activation Project
Cirtus Heights, Sacramento County, California




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Source: ESRI Maps Online; Dokken Engineering 8/20/2025; Created By: jharris

1 inch = 100 feet

0 50 100 150 200 Feet

**Figure 4**
**Vegetation Communities**

Biological Study Area (25.47 acres)

**Vegetation Communities**

- Annual grassland (0.68 acres)
- Oak woodland (0.76 acres)
- Ruderal (0.40 acres)
- Urban/developed (23.63 acres)




Matchline - See Page 2

Chris

Wachtel Way

Matchline - See Page 6

Matchline - See Page 3

Talbot Way

Silver Rock Ct

Ponticelli Way

Talbot Way

Bannock Ct

Avalos Way

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Source: ESRI Maps Online; Dokken Engineering 8/20/2025; Created By: jharris

1 inch = 100 feet

0 50 100 150 200 Feet

**Figure 4**
**Vegetation Communities**

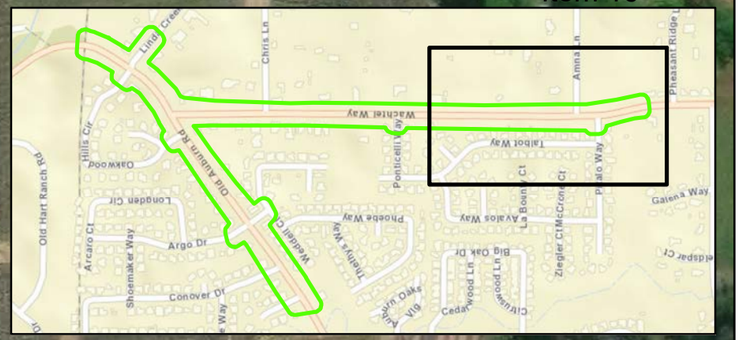


Cirtus Heights Gateway Activation Project
Cirtus Heights, Sacramento County, California

Biological Study Area (25.47 acres)

**Vegetation Communities**

- Annual grassland (0.68 acres)
- Oak woodland (0.76 acres)
- Ruderal (0.40 acres)
- Urban/developed (23.63 acres)




Matchline - See Page 5

Wachtel Way

Talbot Way

Bannock Ct

Pitalo Way

V:\3273_Citrus Heights Gateway Activation\Biology\F4_VegComm.mxd

Source: ESRI Maps Online; Dokken Engineering 8/20/2025; Created By: jharris

1 inch = 100 feet

0 50 100 150 200 Feet

**Figure 4**
**Vegetation Communities**

crape myrtle (*Lagerstroemia indica*), Japanese cheesewood (*Pittosporum tobira*), Japanese privet (*Ligustrum japonicum*), sweetgum (*Liquidambar styraciflua*), and oriental arborvitae (*Platycladus orientalis*). Additionally, this land cover includes isolated oak trees (*Quercus sp.*), remnants of the oak woodlands that historically covered the area before extensive residential development in the City. Private residential homes are present along both sides of Old Auburn Road and Wachtel Way along the entire alignment of the Project. Urban/developed areas encompass approximately 23.63 acres (94%) of the BSA.

Oak Woodland

Oak woodland habitat is present along the edges of Old Auburn Road in the northeast and southwest corners of the BSA. This habitat type is comprised of a variety of mature oak species including valley oak (*Quercus lobata*), interior live oak (*Quercus wislizeni*), and blue oak (*Quercus douglasii*) trees. The understory is comprised of Himalayan blackberry and various annual grass species including wild oat (*Avena fatua*), ripgut brome (*Bromus diandrus*), and foxtail barley (*Hordeum murinum*). Oak woodlands provide food, habitat and cover for many species of wildlife, including birds and mammals. Within the BSA, oak woodlands comprise approximately 0.76 acres (2%) of the BSA.

Ruderal

Ruderal, primarily composed of non-native weed species, thrives in disturbed areas where natural plant communities have been altered by human or natural disturbances. Within the BSA, it is found in small strips along the edges of the roadway, adjacent to residential parcels. Common ruderal species found in the BSA include white-stemmed filaree (*Erodium brachycarpum*), common bedstraw (*Galium aparine*) ripgut brome, bur chervil (*Anthriscus caucalis*) and common dandelion (*Taraxacum officinale*). Ruderal vegetation covers 0.40 acres (2%) of the BSA.

Annual Grassland

Annual grassland habitats are open grasslands composed primarily of annual plant species. This habitat type is found in five small patches within the BSA, along Wachtel Way. These areas are comprised of various annual grasses and herbaceous species including hairy vetch (*Vicia villosa*), Italian rye grass (*Carduus tenuiflorus*), wild oat, foxtail barley, and Bermuda grass (*Cynodon dactylon*). Annual grassland habitat could provide suitable foraging habitat for a variety of wildlife including birds, mammals and reptiles. Annual grasslands comprise approximately 0.68 acres (3%) of the BSA.

Wildlife

Wildlife observed within the BSA consisted of locally common bird species such as bushtit (*Psaltriparus minimus*), cedar waxwing (*Bombycilla cedrorum*) and mourning dove (*Zenaida macroura*). Bird activity was mainly observed within large trees within the BSA, where suitable nesting and foraging habitat is available for local bird species.

**Table 2. Species Observed During Biological Surveys**

| Common Name | Scientific Name | Native (N) / Non-Native (X) |
|---|---|---|
| **Plant Species** | | |
| Agave | *Agave deserti* | N |
| Bermuda grass | *Cynodon dactylon* | X [Moderate] |
| Blue oak | *Quercus douglasii* | N |
| Bur chervil | *Anthriscus caucalis* | X |
| Coast redwood | *Sequoia sempervirens* | N |
| Common bedstraw | *Galium aparine* | N |
| Common dandelion | *Taraxacum officinale* | X |
| Common vetch | *Vicia sativa ssp. nigra* | X |
| Crape myrtle | *Lagerstroemia indica* | X |
| Curly dock | *Rumex crispus* | X [Limited] |
| Cutleaf geranium | *Geranium dissectum* | X [Limited] |
| Deodar cedar | *Cedrus deodara* | X |
| Foxtail barley | *Hordeum murinum* | X [Moderate] |
| Hairy vetch | *Vicia villosa* | X |
| Heavenly bamboo | *Juglans hindsii* | N |
| Himalayan blackberry | *Rubus armeniacus* | X [High] |
| Interior live oak | *Quercus wislizeni* | N |
| Italian thistle | *Carduus tenuiflorus* | X [Limited] |
| Japanese cheesewood | *Pittosporum tobira* | X |
| Japanese privet | *Ligustrum japonicum* | X |
| Lupine | *Lupinus bicolor* | N |
| Oriental arborvitae | *Platycladus orientalis* | X |
| Ripgut brome | *Bromus diandrus* | X [Moderate] |
| Rose clover | *Trifolium hirtum* | X [Limited] |
| Soft brome | *Bromus hordeaceus* | X [Limited] |
| Sweetgum | *Liquidambar styraciflua* | X |
| Tree of heaven | *Ailanthus altissima* | X [Moderate] |
| Turkey mullein | *Croton setiger* | N |
| Valley oak | *Quercus lobata* | N |
| White stemmed filaree | *Erodium brachycarpum* | X |
| Wild oat | *Avena fatua* | X [Moderate] |
| Wild radish | *Raphanus sativus* | X [Limited] |
| **Wildlife Species** | | |
| Acorn woodpecker | *Melanerpes formicivorus* | N |
| Bushtit | *Psaltriparus minimus* | N |
| Cedar waxwing | *Bombycilla cedrorum* | N |
| Mourning dove | *Zenaida macroura* | N |
| Red-shouldered hawk | *Buteo lineatus* | N |
| Spotted towhee | *Pipilo maculatus* | N |

[1] California Invasive Plant Council (Cal-IPC) Rating

### 3.1.4 Habitat Connectivity

The CDFW Biogeographic Information & Observation System (CDFW 2025a) was reviewed to determine if the BSA is located within an Essential Connectivity Area. The BSA is within an area of Terrestrial Connectivity Rank 1 – Limited Connectivity Opportunity. This ranking includes areas where land use may limit options for providing connectivity (e.g., agriculture, urban) or no connectivity importance has been identified in models.

Old Auburn Road and Wachtel Way are located within developed residential areas and do not serve as effective corridors for terrestrial wildlife movement. The Project involves modifications to existing roadways only, with no conversion or disturbance of undeveloped land that could support wildlife habitat. As a result, the Project will not cause permanent fragmentation of natural habitats or disrupt existing habitat connectivity networks.

## 3.2 Regional Species and Habitats and Natural Communities of Concern

Plant and animal species have special status if they have been listed as such by Federal or State agencies or by one or more special interest groups, such as CNPS. Prior to the field survey, literature searches were conducted using USFWS IPaC, CDFW CNDDB, CNPS, and NMFS databases to identify regionally sensitive species with potential to occur within the BSA.

Table 3. Special Status Species with Potential to Occur in the Project Vicinity provides the list of regional special status species returned by the database searches, describes the habitat requirements for each species, and states if the species was determined to have potential to occur within the BSA. It was determined that no special status plant or wildlife species have the potential to occur within the BSA, due to a lack of suitable habitat communities and/or lack of local occurrences. No special status plant or wildlife species were observed during the April 24, 2025, biological survey.

**Table 3. Listed, Proposed Species, Natural Communities, and Critical Habitat Potentially Occurring or Known to Occur in the Project Area**

| Common Name | Species Name | Status | | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|---|---|---|---|---|---|---|
| ***Amphibian Species*** | | | | | | |
| Western spadefoot | *Spea hamomondii* | Fed:<br>State:<br>CDFW: | PT<br>--<br>SSC | Inhabits open areas with sandy or gravelly soils within mixed woodlands, grasslands, coastal sage scrub, chaparral, sandy washes, lowlands, river floodplains, alluvial fans, playas, alkali flats, foothills, and mountains. Burrows underground for most of the year and is active above ground during rainfall. Requires vernal, shallow, temporary pools formed by heavy winter rains for reproduction. These pools must be free of bullfrogs, fish, and crayfish. Breeds from late winter to March. | A | **Presumed Absent:** The BSA lacks open areas with sandy or gravelly soils that the species can burrow in. Additionally, it lacks seasonal pools for breeding. The species is presumed absent due to a lack of necessary habitat features. |
| ***Bird Species*** | | | | | | |
| Bank swallow | *Riparia riparia* | Fed:<br>State:<br>CDFW: | --<br>T<br>SSC | A migratory colonial nester inhabiting lowland and riparian habitats west of the deserts during spring through fall. Majority of current breeding populations occur along the Sacramento and Feather Rivers in the north Central Valley. Forages in grassland, brushland, wetlands, and cropland during migration. Requires vertical banks or cliffs with fine textured/sandy soils for nesting (tunnel and burrow excavations). Nests exclusively near streams, rivers, lakes, or the ocean. Breeds from May through July. | A | **Presumed Absent:** The BSA lacks vertical banks or cliffs that are required for nesting. The species is presumed absent due to a lack of potentially suitable nesting habitat. |
| Burrowing owl | *Athene cunicularia* | Fed:<br>State:<br>CDFW: | --<br>CE<br>SSC | The species inhabits arid, open areas with sparse vegetation cover such as deserts, abandoned agricultural areas, grasslands, and disturbed | A | **Presumed Absent:** The BSA lacks arid open areas with sparse vegetation cover. No burrows were observed during the biological survey conducted on April |

| Common Name | Species Name | Status | | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|---|---|---|---|---|---|---|
| | | | | open habitats. Can be associated with open shrub stages of pinyon-juniper and ponderosa pine habitats. Nests in old small mammal burrows but may dig own burrow in soft soil. Nests are lined with excrement, pellets, debris, grass, and feathers. The species may use pipes, culverts, and nest boxes, and even buildings where burrows are scarce. Breeding occurs March through August (below 5,300 feet). | | 24, 2025. The species is presumed absent due to a lack of necessary habitat features. |
| California black rail | *Laterallus jamaicensis coturniculus* | Fed:<br>State:<br>CDFW: | --<br>T<br>FP | A rare, yearlong California resident of brackish and freshwater emergent wetlands in delta and coastal locations including the San Francisco Bay area, Sacramento-San Joaquin Delta, Morro Bay, the Salton Sea, and lower Colorado River. More than 90% of the species are found in the tidal salt marshes of the northern San Francisco Bay region, predominantly in San Pablo and Suisun Bays. Smaller populations occur in the San Francisco Bay, the Outer Coast of Marin County, and freshwater marshes in the foothills of the Sierra Nevada. The species is extirpated from San Diego County and the majority of coastal southern California. Occurs in tidal emergent wetlands dominated by pickleweed, in brackish marshes dominated by bulrushes with pickleweed, and in freshwater wetlands dominated by bulrushes, cattails, and salt grass. Species prefers high wetland areas, away from areas experiencing | A | **Presumed Absent:** The BSA lacks emergent wetlands and tidal marshes. The species is presumed absent due to a lack of necessary habitat features. |

| Common Name | Species Name | Status | | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|---|---|---|---|---|---|---|
| | | | | fluctuating water levels. Requires vegetation providing adequate overhead cover for nesting. Eggs are laid from March through June. | | |
| Grasshopper sparrow | *Ammodramus savannarum* | Fed:<br>State:<br>CDFW: | --<br>--<br>SSC | Inhabits foothills and lowlands with dry, dense, well-drained grasslands with a variety of grasses, tall forbs, and shrubs for perches. In southern California largely utilizes hillsides, and lower mountain slopes. Nests are composed of grasses and forbs on slight depressions in the ground. Species may form small groups when nesting. Breeds April through July (0-5,000 feet). | A | **Presumed Absent:** The BSA contains a small patch of annual grasslands. However, there are no CNDDB occurrences of the species within a 10-mile radius of the BSA. The species is presumed absent due to a lack of recent local occurrences. |
| Purple martin | *Progne subis* | Fed:<br>State:<br>CDFW: | --<br>--<br>SSC | Present in California as a summer migrant, arriving in March and departing by late September. Inhabits valley foothill and montane hardwood/hardwood-conifer, coniferous habitats, and riparian habitats. Associated with closed-cone pine-cypress, pondorosa pine, Douglas-fir, and redwood. Nests in tall, old, isolated trees or snags in open forest or woodland and in proximity to a body of water. Frequently nests within former woodpecker cavities; may nest in human-made structures such as nesting boxes, under bridges and in culverts. Needs abundant aerial insect prey. Breeds April through August. | A | **Presumed Absent:** The BSA lacks woodlands and riparian habitat as well as nesting boxes, bridges and culverts. The species is presumed absent due to a lack of necessary habitat features. |
| Swainson's hawk | *Buteo swainsoni* | Fed:<br>State:<br>CDFW: | --<br>T<br>-- | Inhabits grasslands with scattered trees, juniper-sage flats, riparian areas, savannahs, and agricultural or ranch lands with groves or lines of | A | **Presumed Absent:** The BSA contains a small patch of annual grassland that is not large enough to support a stable rodent prey base. All CNDDB |

| Common Name | Species Name | Status | | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|---|---|---|---|---|---|---|
| | | | | trees. Requires adjacent suitable foraging areas such as grasslands, alfalfa or grain fields that support a stable rodent prey base. Breeds March to late August. | | occurrences of the species within a 10-mile radius of the BSA are located within large patches of annual grasslands with nearby potentially suitable nesting trees. The species is presumed absent due to a lack of potentially suitable nesting habitat adjacent to annual grassland habitat. |
| Tricolored blackbird | *Agelaius tricolor* | Fed:<br>State:<br>CDFW: | --<br>T<br>SSC | Inhabits freshwater marsh, swamp and wetland communities, but may utilize agricultural or upland habitats that can support large colonies, often in the Central Valley area. Requires dense nesting habitat that is protected from predators, is within 3-5 miles from a suitable foraging area containing insect prey and is within 0.3 miles of open water. Suitable foraging includes wetland, pastureland, rangeland, at dairy farms, and some irrigated croplands (silage, alfalfa, etc.). Nests in dense cattails, tules, willow, blackberry, wild rose, or tall herbs. Nests mid-March to early August, but may extend until October or November in the Sacramento Valley region. | A | **Presumed Absent:** The BSA lacks freshwater marsh, swamp and wetland communities that could support a large colony of this species. The species is presumed absent due to a lack of potentially suitable nesting habitat. |
| White-tailed kite | *Elanus leucurus* | Fed:<br>State:<br>CDFW: | --<br>--<br>FP | Inhabits rolling foothills and valley margins with scattered oaks and river bottomlands or marshes next to deciduous woodland. Prefers open grasslands, meadows or marshes for foraging close to isolated, dense-topped trees for nesting and perching. In southern California, will roost in saltgrass and Bermuda grass. Often found near agricultural lands. Nests are placed near the tops | A | **Presumed Absent:** The BSA lacks rolling foothills, river bottomlands, marshes, meadows, and grasslands. The species is presumed absent due to a lack of potentially suitable habitat. |

| Common Name | Species Name | Status | | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|---|---|---|---|---|---|---|
| | | | | of dense oak, willow, or other tree stands. Breeds February through October. | | |
| ***Fish Species*** | | | | | | |
| Central Valley spring run - Chinook salmon | (Oncorhynchus tshawytscha pop. 11 | Fed:<br>State:<br>CDFW: | T<br>T<br>-- | Spring-run Chinook enter the Sacramento-San Joaquin River system to spawn, requiring larger gravel particle size and more water flow through their redds than other salmonids. Remaining runs occur in Butte, Mill, Deer, Antelope, and Beegum Creeks, tributaries to the Sacramento River. Known to occur in Siskiyou and Trinity counties. | A | **Presumed Absent:** The BSA lacks aquatic features that could support this species. |
| Steelhead – Central Valley DPS | *Oncorhynchus mykiss irideus pop. 11* | Fed:<br>State:<br>CDFW: | T<br>--<br>SSC | This species is known to occur along most of the California coast line and inhabits freshwater streams and tributaries in northern and central California. The preferred habitat consists of estuaries, freshwater streams and near shore habitat with productive costal oceans. Spawning occurs in small freshwater streams and tributaries occurs from January through March and could extend into spring. Spawning occurs where cool, well oxygenated water is available year-round. Approximately 550-1,300 eggs are deposited in an area with good intergravel flow. The fry emerge from the gravel about 4-6 six weeks after hatching and remain in shallow protected areas associated with stream margin. Juveniles may remain in freshwater for the rest of their life cycle or return to the ocean. The principal remaining wild populations spawn annually in Deer and Mill | A | **Presumed Absent:** The BSA lacks aquatic features that could support this species. |

| Common Name | Species Name | Status | | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|---|---|---|---|---|---|---|
| | | | | Creeks in Tehama County, in the lower Yuba River, and a small population in the lower Stanislaus River. | | |
| ***Invertebrate Species*** | | | | | | |
| Conservancy fairy shrimp | *Branchinecta conservatio* | Fed:<br>State:<br>CDFW: | E<br>--<br>-- | Inhabits relatively large and turbid clay bottomed playa vernal pools. Species requires pools to continuously hold water for a minimum of 19 days and must remain inundated into the summer months. Occupied playa pools typically are 1 to 88 acres in size, but species may utilize smaller, less turbid pools. Juveniles are most abundant where there are deep (0.5 to 1+ m), well-shaded pools with plenty of overhead cover. | A | **Presumed Absent:** The BSA lacks vernal pools which are required for the species to persist. |
| Crotch's bumble bee | *Bombus crotchii* | Fed:<br>State:<br>CDFW: | --<br>CE<br>-- | This species is known to occur in central California, Nevada south to Baja California and into Mexico. Inhabits coastal areas, deserts and the Central Valley. The species nests underground in grassland, shrubland and chaparral habitats. The species has a short tongue and primarily feeds on the following plants Asclepias, Chaenactis, Lupinus, Medicago, Phacelia and Salvia. | A | **Presumed Absent:** Although the BSA features marginally suitable habitat within patches of annual grassland habitat, CNDDB occurrences of the species within a 10-mile radius of the BSA are located in large contiguous patches of annual grassland habitat. The species is presumed absent due to a lack of local occurrences and the fact that annual grasslands within the BSA are dominated by non-native grasses and lack the floral resources necessary to support this species. |
| Monarch butterfly | *Danuas Plexippus* | Fed:<br>State:<br>CDFW: | PT<br>--<br>-- | Winter roosts along the coast from northern Mendocino to Baja California. Utilizes wind protected tree groves in proximity to nectar and water sources. Host plants include milkweed species such as Asclepias syriaca, A. incarnara, and A. | A | **Presumed Absent:** The BSA lacks wind protected tree groves and large populations of nectar producing plants for the species to feed on. No species from the genus *Asclepias* were observed during the biological survey. The species |

| Common Name | Species Name | Status | | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|---|---|---|---|---|---|---|
| | | | | speciosa. Suitable habitat includes fields, meadows, weedy areas, marshes, and roadsides. Mass adult migrations occur from August to October. | | is presumed absent due to a lack of host plants and other nectar producing plants. |
| Valley elderberry longhorn beetle | *Desmocerus californicus dimorphus* | Fed:<br>State:<br>CDFW: | T<br>--<br>-- | Species requires red or blue elderberry (Sambucus sp.) as host plants. Typically occurs in moist valley oak woodlands associated with riparian corridors in the lower Sacramento River and upper San Joaquin River drainages. Adults are active, feeding, and breeding from March until June (sea level-3,000 feet). | A | **Presumed Absent:** The BSA lacks elderberry shrubs which are required for the larval development of this species. The species is presumed absent due to a lack of suitable host plants within the BSA. |
| Vernal pool fairy shrimp | *Branchinecta lynchi* | Fed:<br>State:<br>CDFW: | T<br>--<br>-- | In California, species inhabits portions of Tehama County, south through the Central Valley, and scattered locations in Riverside County and the Coast Ranges. Species is associated with smaller and shallower cool-water vernal pools approximately 6 inches deep and short periods of inundation. In the southernmost extremes of the range, the species occurs in large, deep cool-water pools. Inhabited pools have low to moderate levels of alkalinity and total dissolved solids. The shrimp are temperature sensitive, requiring pools below 50 F to hatch and dying within pools reaching 75 F. Young emerge during cold-weather winter storms. | A | **Presumed Absent:** The BSA lacks vernal pools which are required for the species to persist. |
| Vernal pool tadpole shrimp | *Lepidurus packardi* | Fed:<br>State:<br>CDFW: | E<br>--<br>-- | Inhabits vernal pools and swales containing clear to highly turbid waters such as pools located in grass bottomed swales of unplowed | A | **Presumed Absent:** The BSA lacks vernal pools which are required for the species to persist. |

| Common Name | Species Name | Status | | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|---|---|---|---|---|---|---|
| | | | | grasslands, old alluvial soils underlain by hardpan, and mud-bottomed pools with highly turbid water. | | |
| ***Mammal Species*** | | | | | | |
| American badger | *Taxidea taxus* | Fed:<br>State:<br>CDFW: | --<br>--<br>SSC | Prefers treeless, dry, open stages of most shrub and herbaceous habitats with friable soils and a supply of rodent prey. Species also inhabits forest glades, meadows, marshes, brushy areas, hot deserts, and mountain meadows. Species maintains burrows within home ranges estimated between 338-1,700 acres, dependent on seasonal activity. Burrows are frequently re-used, but new burrows may be created nightly. Young are born in March and April within burrows dug in relatively dry, often sandy, soil, usually in areas with sparse overstory cover. Species is somewhat tolerant of human activity, but is sensitive to automobile mortality, trapping, and persistent poisons (up to 12,000 feet). | A | **Presumed Absent:** The BSA lacks treeless, dry, open meadow habitat, forest glades, meadows, marshes, and deserts. The species is presumed absent due to a lack of potentially suitable habitat. |
| Pallid bat | *Antrozous pallidus* | Fed:<br>State:<br>CDFW: | --<br>--<br>SSC | Inhabits low elevations of deserts, grasslands, shrub lands, woodlands and forests year round. Most common in open, dry habitats with rocky areas for roosting. Forages over open ground within 1-3 miles of day roosts. Prefers caves, crevices, and mines for day roosts, but may utilize hollow trees, bridges and buildings. Roosts must protect bats from high temperatures. Very sensitive to disturbance of roosting sites. Maternity colonies form early | A | **Presumed Absent:** The BSA lacks dry, rocky desert, shrubland, woodland and forest habitats. The BSA does contain a small patch of annual grassland habitat. However, there are no recent occurrences of the species within a 10-mile radius of the BSA. The species is presumed absent due to a lack of recent occurrences and potentially suitable habitat. |

| Common Name | Species Name | Status | | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|---|---|---|---|---|---|---|
| | | | | April and young are born April-July (below 10,000 feet). | | |
| ***Reptile Species*** | | | | | | |
| Northwestern pond turtle | *Actinemys marmorata* | Fed:<br>State:<br>CDFW: | PT<br>--<br>SSC | A fully aquatic turtle of ponds, lakes, rivers, streams, creeks, marshes, and irrigation ditches with aquatic vegetation. Suitable habitat includes woodland, forests, and grasslands. Requires logs, rocks, cattail mats, and exposed banks for basking. Suitable upland habitat (sandy banks or grassy open field) is required for reproduction, which begins in April and ends with egg laying as late as August (sea level to 4,700 feet). | A | **Presumed Absent:** The BSA lacks aquatic habitat which is necessary for the persistence of this species. The species is presumed absent due to a lack of aquatic features within the BSA. |
| ***Plant Species*** | | | | | | |
| Big-scale balsamroot | *Balsamorhiza macrolepis* | Fed:<br>State:<br>CNPS: | --<br>--<br>1B.2 | A perennial herb inhabiting open grassy or rocky slopes and valleys within chaparral, cismontane woodland, valley and foothill grassland communities; sometimes occurs in serpentinite soils. Flowers March-June (300-5,100 feet). | A | **Presumed Absent:** The BSA lacks open grassy or rocky slopes within chaparral, woodlands and grasslands. The species is presumed absent due to the absence of suitable habitat features. |
| Boggs Lake hedge-hyssop | *Gratiola heterosepala* | Fed:<br>State:<br>CNPS: | --<br>E<br>1B.2 | An annual herb inhabiting clay soils and shallow waters of marshes, swamps, lake margins, and vernal pools. Flowers April-August (30-7,800 feet). | A | **Presumed Absent:** The BSA lacks marshes, swamps, lake margins and vernal pools. The species is presumed absent due to the absence of suitable habitat communities. |
| Dwarf downingia | *Downingia pusilla* | Fed:<br>State:<br>CNPS: | --<br>--<br>2B.2 | An annual herb inhabiting vernal pools and mesic soils in valley and foothill grassland communities. Flowers March-May (0-1,500 feet). | A | **Presumed Absent:** The BSA lacks vernal pools. The species is presumed absent due to the absence of suitable habitat features. |
| Hispid salty bird's-beak | *Chloropyron molle ssp. hispidum* | Fed:<br>State:<br>CNPS: | --<br>--<br>1B.1 | An annual herb inhabiting moist alkaline soils of saline marshes and flats, meadows and seeps, playas, and valley and foothill grassland communities. Flowers June-July (0-500 feet). | A | **Presumed Absent:** The BSA lacks marshes, flats, meadows, and playas. The annual grasslands within the BSA may support the species. However, there are no recent occurrences of the species within a 10-mile radius of the |

| Common Name | Species Name | Status | | General Habitat Description | Habitat Present | Potential for Occurrence and Rationale |
|---|---|---|---|---|---|---|
| | | | | | | BSA. The species is presumed absent due to a lack of recent occurrences. |
| Legenere | *Legenere limosa* | Fed:<br>State:<br>CNPS: | --<br>--<br>1B.1 | An annual herb inhabiting wet areas, vernal pools, and ponds. Flowers April-June (0-2,900 feet). | A | **Presumed Absent:** The BSA lacks wet areas, vernal pools and ponds. The species is presumed absent due to the absence of suitable habitat communities. |
| Pincushion navarretia | *Navarretia myersii ssp. myersii* | Fed:<br>State:<br>CNPS: | --<br>--<br>1B.1 | An annual herb native to California inhabiting vernal pool communities, often in acidic soil conditions. Flowers April-May (65-1,080 feet). | A | **Presumed Absent:** The BSA lacks vernal pools. The species is presumed absent due to the absence of suitable habitat communities. |
| Red bluff dwarf rush | *Juncus leiospermus var. leiospermus* | Fed:<br>State:<br>CNPS: | --<br>--<br>1B.1 | An annual herb inhabiting vernally mesic soils of chaparral, cismontane woodland, meadows and seeps, valley and foothill grassland, and vernal pool communities. Flowers April-June (100-4,100 feet). | A | **Presumed Absent:** The BSA lacks chaparral, woodlands, meadows and seeps. The annual grasslands within the BSA may support the species. However, there are no recent occurrences of the species within a 10-mile radius of the BSA. The species is presumed absent due to a lack of recent occurrences. |
| Sacramento Orcutt grass | *Orcuttia viscida* | Fed:<br>State:<br>CNPS: | E<br>E<br>1B.1 | An annual herb inhabiting vernal pools. Flowers April-July (100-330 feet). | A | **Presumed Absent:** The BSA lacks vernal pools. The species is presumed absent due to the absence of suitable habitat communities. |
| Sanford's arrowhead | *Sagittaria sanfordii* | Fed:<br>State:<br>CNPS: | --<br>--<br>1B.2 | A perennial rhizomatous herb inhabiting freshwater marshes, swamps, ponds, and ditches. Flowers May-October (0-2,130 feet). | A | **Presumed Absent:** The BSA lacks marshes, swamps ponds, and ditches. The species is presumed absent due to the absence of suitable habitat communities. |
| Spicate calycadenia | *Calycadenia spicata* | Fed:<br>State:<br>CNPS: | --<br>--<br>1B.3 | An annual herb found in dry, open meadows, hillsides, grasslands, and openings in foothill woodland habitat communities. Flowers March-September (150-4200 feet). | A | **Presumed Absent:** The BSA lacks dry, open meadows, hillsides, grasslands and woodlands. The species is presumed absent due to the absence of suitable habitat communities. |

| **Federal Designations (Fed):**<br>(FESA, USFWS)<br>**E:** Federally listed, endangered<br>**T:** Federally listed, threatened<br>**DL**: Federally listed, delisted<br>C: Candidate | **State Designations (CA):**<br>(CESA, CDFW)<br>**E:** State-listed, endangered<br>**T:** State-listed, threatened<br>CE: Candidate Endangered |
|---|---|
| **Other Designations**<br>CDFW_SSC: CDFW Species of Special Concern<br>CDFW_FP: CDFW Fully Protected<br>**California Native Plant Society (CNPS) Designations*:***<br>***Note: according to CNPS (Skinner and Pavlik 1994), plants on Lists 1B and 2 meet definitions for listing as threatened or endangered under Section 1901, Chapter 10 of the California Fish and Game Code. This interpretation is inconsistent with other definitions.***<br>**1A:** Plants presumed extinct in California.<br>**1B:** Plants rare and endangered in California and throughout their range.<br>**2:** Plants rare, threatened, or endangered in California but more common elsewhere in their range.<br>**3:** Plants about which need more information; a review list.<br>**Plants 1B, 2, and 4 extension meanings:**<br>_**.1 Seriously** endangered in California (over 80% of occurrences threatened / high degree and immediacy of threat)<br>_**.2 Fairly** endangered in California (20-80% occurrences threatened)<br>_**.3** Not very endangered in California (<20% of occurrences threatened or no current threats known) | |
| **Habitat Potential**<br>Absent [A] - No habitat present and no further work needed.<br>Habitat Present [HP] - Habitat is or may be present. The species may be present.<br>Critical Habitat [CH] – Project is within designated Critical Habitat. | |
| **Potential for Occurrence Criteria:**<br>**Present**: Species was observed on site during a site visit or focused survey.<br>**High**: Habitat (including soils and elevation factors) for the species occurs on site and a known occurrence has been recorded within 5 miles of the site.<br>**Low-Moderate**: Either low quality habitat (including soils and elevation factors) for the species occurs on site and a known occurrence exists within 5 miles of the site; or suitable habitat strongly associated with the species occurs on site, but no records were found within the database search.<br>**Presumed Absent**: Focused surveys were conducted, and the species was not found, or species was found within the database search but habitat (including soils and elevation factors) do not exist on site, or the known geographic range of the species does not include the survey area. | |
| **Source:** (CDFW 2025b), (CNPS 2025), (Jepson 2025), (USFWS 2025), (NMFS 2025). | |

# 4. Results: Biological Resources, Discussion of Impacts, and Mitigation

## 4.1 Habitats and Natural Communities of Special Concern

Habitats are considered to be of special concern based on federal, State, or local laws regulating their development; limited distributions; and/or the habitat requirements of special-status plants or animals occurring on site. Wetlands and waters of the United States are also considered sensitive by both federal and State agencies. The biological survey conducted on April 24, 2025, did not identify any jurisdictional waters or wetlands within the BSA; therefore, no impacts to jurisdictional aquatic features are anticipated. One habitat of special concern—oak woodlands—was observed at the eastern and western extents of the BSA. The Project is expected to result in minor permanent impacts to oak woodlands. No other habitats of special concern were identified within the BSA or will be affected by Project activities. A discussion of oak woodland habitat, survey findings, and applicable avoidance and minimization measures is provided below.

### 4.1.1 Discussion of Oak Woodlands

Oak woodland is a sensitive natural community of regional importance in California, particularly in the Sierra Nevada foothills and Central Valley margins. In Citrus Heights, oak woodland habitat is primarily characterized by remnant patches of native oaks interspersed with residential, commercial, and roadway development. Along Old Auburn Road, oak woodlands are generally confined to roadside corridors, larger residential lots, and undeveloped parcels, where valley oak and interior live oak are the dominant native tree species. While no large stands of oak woodland remain within the BSA, the remaining mature oaks contribute to local habitat complexity and biological diversity.

### 4.1.2 Survey Results

Oak woodland habitat is present along the edges of Old Auburn Road in the eastern and westernmost extents of the BSA. This habitat type is comprised of a variety of mature oak species including valley oak, interior live oak, and blue oak trees. The understory is comprised of Himalayan blackberry and various annual grass species including wild oat, ripgut brome, and foxtail barley.

Patches of oak woodlands within the BSA exhibit a relatively open canopy and are on the edge of nearby riparian corridors of Linda Creek and Cripple Creek, although these riparian corridors are outside of the boundaries of the BSA. Oak trees located on City parcels within urban or developed land cover, but outside the mapped boundaries of oak woodland habitat, are not considered part of that habitat.

### 4.1.3 Project Impacts on Oak Woodlands

Minor impacts to oak woodland are anticipated as a result of the Project. The Project would permanently impact 0.19 acres of oak woodland habitat (Figure 5. Project Impacts). These impacts may include the removal or trimming of individual oak trees for safety improvements, roadway widening, or installation of new pedestrian and bicycle infrastructure. Any potential tree removal will be minimized to the greatest extent practicable. In accordance with the City of Citrus Heights Tree Preservation and Protection Regulations, protected trees within the Project footprint will be preserved to the extent feasible. Per the City's Municipal Code Section 106.39.020(c)(5), street widening projects are exempt from the tree ordinance, as such, tree removal permits will not be required for the Project.

### 4.1.1 Avoidance and Minimization Efforts for Oak Woodlands

The implementation of the following avoidance and minimization measures will minimize disturbance to oak woodland habitat.

**BIO-1:** Prior to the start of construction activities, the Project limits within environmentally sensitive areas (oak woodlands), will be marked with high visibility Environmentally Sensitive Area (ESA) fencing or staking to ensure construction will not further encroach into sensitive resources.

**BIO-2:** Contract specifications will include the following Best Management Practices (BMPs), where applicable, to reduce erosion during construction:

- Exposed soils and material stockpiles would be stabilized, through watering or other measures, to prevent the movement of dust at the Project site caused by wind and construction activities such as traffic and grading activities;
- All vehicle and equipment fueling/maintenance would be conducted outside of oak woodland habitat;
- Equipment used in and around oak woodland habitat must be in good working order and free of dripping or leaking contaminants;
- Raw cement, concrete or concrete washings, asphalt, paint or other coating material, oil or other petroleum products, or any other substances that could be hazardous to wildlife shall be prevented from contaminating the soil;
- All erosion control measures would be properly maintained throughout construction;
- All construction materials would be hauled off-site after completion of construction.

Project Area (11.36 acres)
Biological Study Area (25.47 acres)
Citrus Heights City Limits

**Project Features**

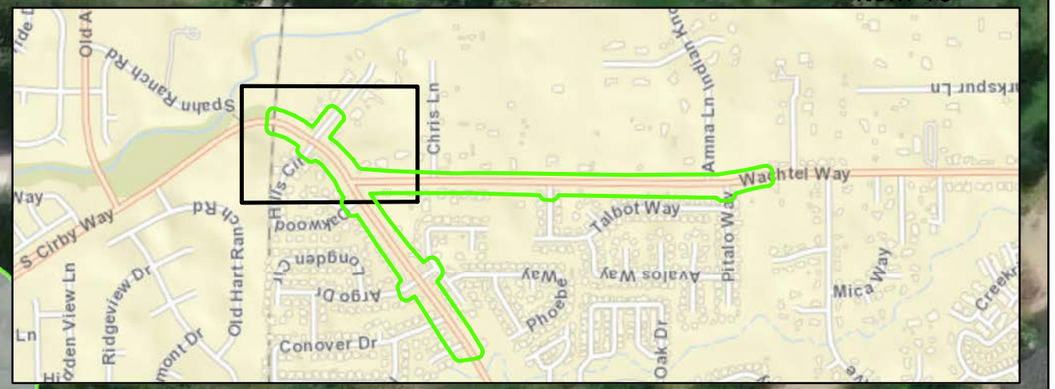
Curb/Gutter
Pavement Marker
Sidewalk Curb
Bike Lane Symbol

**Permanent Impacts**

Oak Woodlands (0.19 acres)

**Habitat**

Annual grassland
Oak woodland
Ruderal
Urban/barren




Linda Creek Court
Old Auburn Road
Oakwood Hills Circle
Wachtel Way

V:\3273_Citrus Heights Gateway Activation\Biology\F5_Project Impacts.mxd

Source: ESRI Maps Online; Dokken Engineering 9/4/2025; Created By: jharris

1 inch = 75 feet

0 75 150 225 300 375 Feet

**Figure 5**
**Project Impacts**

**BIO-3:** All onsite refueling and maintenance must occur over plastic sheeting, drip pans, or other secondary containment measures to capture accidental spills before they can contaminate the soil. Secondary containment must have a raised edge (e.g. sheeting wrapped around wattles).

**BIO-4:** A chemical spill kit must be kept onsite at all times during work and must be easily accessible for use in the event of a spill.

**BIO-5:** In accordance with the City of Citrus Heights Tree Preservation and Protection Regulations, protected trees within the Project footprint will be preserved to the extent feasible. Tree impact and avoidance measures shall be incorporated into the final design of the improvement plans. A Licensed Arborist shall consult and make recommendations for design treatments, modifications, and construction techniques to minimize tree removal and construction impacts.

### 4.2 Special Status Plant Species

Plants are considered to be of special concern based on (1) federal, state, or local laws regulating their development; (2) limited distributions; and/or (3) the presence of habitat required by the special-status plants occurring on site. Prior to field surveys, a list of regional special status plant species was compiled from database searches and the potential for each species to occur within the BSA was evaluated. It was determined that no special-status plant species have potential to occur within the BSA, and no impacts to special status plant species are anticipated. Please see Table 3 for rational of why each species is presumed absent.

### 4.3 Special Status Animal Species

Animals are considered to be of special concern based on (1) federal, state, or local laws regulating their development; (2) limited distributions; and/or (3) the habitat requirements of special-status animals occurring on site. Prior to field surveys, a list of regional special status animal species was compiled from database searches and potential for each species to occur within the BSA was evaluated. It was determined that no special-status wildlife species have potential to occur within the BSA, and no impacts to special status animal species are anticipated. Please see Table 3 for rational of why each species is presumed absent.

# 5. Conclusions and Regulatory Determinations

## 5.1 Federal Endangered Species Act Consultation Summary

Table 4 lists the eight federally listed species that were returned via database searches and the effect determinations made for each species. No federally listed species were found to have potential habitat within the BSA, nor were any observed during the April 24, 2025, biological survey. As a result, the Project would have No Effect on federally listed species, and consultation with USFWS or NMFS is not required.

**Table 4. Federal Endangered Species Act (FESA) Determinations**

| Species Name | Federal Status | Potential | Determination |
|---|---|---|---|
| Northwestern pond turtle (*Actinemys marmorata*) | Proposed Threatened | Absent | No Effect |
| Western spadefoot (*Spea hammondii*) | Proposed Threatened | Absent | No Effect |
| Monarch butterfly (*Danaus plexippus*) | Proposed Threatened | Absent | No Effect |
| Valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*) | Threatened | Absent | No Effect |
| Conservancy Fairy Shrimp (*Branchinecta conservatio*) | Endangered | Absent | No Effect |
| Vernal pool fairy shrimp (*Branchinecta lynchi*) | Threatened | Absent | No Effect |
| Vernal pool tadpole shrimp (*Lepidurus packardi*) | Endangered | Absent | No Effect |
| Sacramento Orcutt grass (*Orcuttia viscida*) | Endangered | Absent | No Effect |

## 5.2 California Endangered Species Act Summary

The Project will not have any anticipated impact to state-listed species covered under California Endangered Species Act (CESA). With avoidance, minimization, and mitigation measures, the Project will not have take of these species and coordination with CDFW under Fish and Game Code Section 2081 is not anticipated.

## 5.3 Essential Fish Habitat Consultation Summary

The BSA does not include aquatic resources that provide Essential Fish Habitat (EFH). Consultation with NMFS regarding EFH is not required.

## 5.4 Wetlands and Other Waters Coordination Summary

Land cover types within the Project area include urban and disturbed grassland habitat. No wetlands or other jurisdictional water features were observed within the Project area

during the biological survey conducted on April 24, 2025. As such, the Project will not impact jurisdictional waters and regulatory permits are not required.

### 5.5 Invasive Species

In February 1999, EO 13112 was signed, requiring Federal agencies to work on preventing and controlling the introduction and spread of invasive species. Measure **BIO-6** will be incorporated into the Project plans to ensure invasive species are not introduced or spread at the Project site:

**BIO-6:** Prior to arrival at the Project site and prior to leaving the Project site, construction equipment that may contain invasive plants and/or seeds will be cleaned to reduce the spreading of noxious weeds.

### 5.6 Other

#### 5.6.1 Migratory Birds

A number of bird species have the potential to nest within the BSA within the oak woodland habitat as well as within the ornamental trees along the roadway. Migratory birds are protected during their nesting periods under the provisions of the federal MBTA and CFG Code Sections 3503, 3503.5 and 3513. Measure **BIO-7** will be incorporated into the Project to avoid and minimize potential Project related impacts to nesting birds. The Project will comply with the MBTA and CFG Code Sections 3503, 3503.5 and 3513.

**BIO-7:** If project-related activities, including vegetation removal or initial ground disturbance, are scheduled during the nesting bird season (February 1 – August 31) a pre-construction nesting bird survey must be conducted by a biologist prior to the start of work. The nesting bird survey must include the Project area plus a 100-foot buffer. Within 2 weeks of the nesting bird survey, all areas surveyed by the biologist must be cleared by the contractor or a supplemental nesting bird survey is required.

An approximate 100-foot no-disturbance buffer will be established around any active nest of migratory birds and an approximate 300-foot no-disturbance buffer will be established around any nesting birds of prey species. The contractor must immediately stop work in the buffer area until the appropriate buffer is established and is prohibited from conducting work within the buffer until the biologist has determined that the nestlings have fledged and are foraging independently. A reduced buffer, or other avoidance strategies, can be established if deemed appropriate by the City and biologist.

#### 5.6.2 General Wildlife

To minimize and avoid potential effects to local wildlife during Project construction, measures **BIO-8** and **BIO-9** will be incorporated into the Project:

**BIO-8:** All food-related trash must be disposed of into closed containers and must be removed from the Project area daily. Construction personnel must not feed or otherwise attract wildlife or feral animals to the Project area.

**BIO-9:** If any wildlife (e.g., amphibians, birds, mammals, reptiles, etc.) are encountered during the course of construction, said wildlife shall be allowed to leave the construction area unharmed.

## 6. References

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CNPS 2026 California Native Plant Society. 2026. Inventory of Rare and Endangered Plants of California. Available at: <http://www.rareplants.cnps.org/> (accessed 1/23/2026).

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NRCS 2025 Natural Resource Conservation Service. 2025. Custom Soil Resources Report for Sacramento County, California. Available at: <https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm> (accessed 5/8/2025).

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Weather Spark 2025 Weather Spark 2025. Climate and Average Weather Year Round in Citrus Heights. Available at: <https://weatherspark.com/y/1116/Average-Weather-in-Citrus-Heights-California-United-States-Year-Round> (accessed 5/12/2025).

## Appendix A. USFWS Species List

# United States Department of the Interior

FISH AND WILDLIFE SERVICE
Sacramento Fish And Wildlife Office
Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846
Phone: (916) 414-6600 Fax: (916) 414-6713

In Reply Refer To: 01/23/2026 23:54:44 UTC
Project Code: 2025-0083206
Project Name: 3273 Citrus Heights GAP

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)

(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf

**Migratory Birds**: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see https://www.fws.gov/program/migratory-bird-permit/what-we-do.

It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see https://www.fws.gov/library/collections/threats-birds.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit https://www.fws.gov/partner/council-conservation-migratory-birds.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

# OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

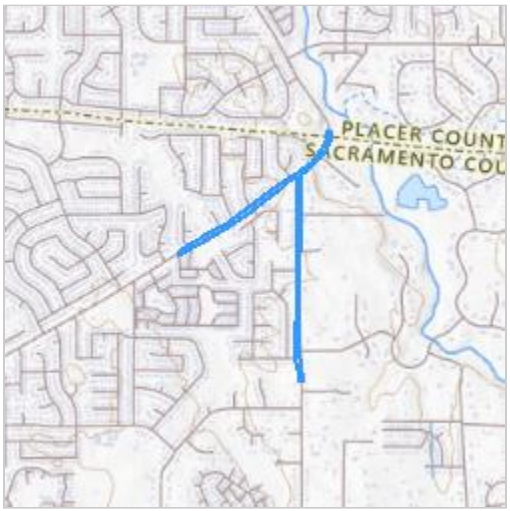
This species list is provided by:

**Sacramento Fish And Wildlife Office**
Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846
(916) 414-6600

# PROJECT SUMMARY

Project Code: 2025-0083206
Project Name: 3273 Citrus Heights GAP
Project Type: Road/Hwy - New Construction
Project Description: Complete Streets Project
Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@38.71302935,-121.24451789999631,14z




Counties: Placer and Sacramento counties, California

# ENDANGERED SPECIES ACT SPECIES

There is a total of 8 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

## REPTILES

| NAME | STATUS |
|---|---|
| Northwestern Pond Turtle *Actinemys marmorata*<br>No critical habitat has been designated for this species.<br>Species profile: https://ecos.fws.gov/ecp/species/1111<br>General project design guidelines:<br>https://ipac.ecosphere.fws.gov/project/KJEN6JN3QZBBZG3V76QIKZG2DA/documents/generated/11271.pdf | Proposed Threatened |

## AMPHIBIANS

| NAME | STATUS |
|---|---|
| Western Spadefoot *Spea hammondii*<br>Population: Northern DPS<br>No critical habitat has been designated for this species.<br>Species profile: https://ecos.fws.gov/ecp/species/5425<br>General project design guidelines:<br>https://ipac.ecosphere.fws.gov/project/KJEN6JN3QZBBZG3V76QIKZG2DA/documents/generated/11271.pdf | Proposed Threatened |

## INSECTS

| NAME | STATUS |
|---|---|
| Monarch Butterfly *Danaus plexippus*<br>There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat.<br>Species profile: https://ecos.fws.gov/ecp/species/9743<br>General project design guidelines:<br>https://ipac.ecosphere.fws.gov/project/KJEN6JN3QZBBZG3V76QIKZG2DA/documents/generated/11271.pdf | Proposed Threatened |
| Valley Elderberry Longhorn Beetle *Desmocerus californicus dimorphus*<br>There is **final** critical habitat for this species. Your location does not overlap the critical habitat.<br>Species profile: https://ecos.fws.gov/ecp/species/7850 | Threatened |

## CRUSTACEANS

| NAME | STATUS |
|---|---|
| Conservancy Fairy Shrimp *Branchinecta conservatio*<br>There is **final** critical habitat for this species. Your location does not overlap the critical habitat.<br>Species profile: https://ecos.fws.gov/ecp/species/8246<br>General project design guidelines:<br>https://ipac.ecosphere.fws.gov/project/KJEN6JN3QZBBZG3V76QIKZG2DA/documents/generated/11271.pdf | Endangered |
| Vernal Pool Fairy Shrimp *Branchinecta lynchi*<br>There is **final** critical habitat for this species. Your location does not overlap the critical habitat.<br>Species profile: https://ecos.fws.gov/ecp/species/498 | Threatened |

| NAME | STATUS |
|---|---|

General project design guidelines:
https://ipac.ecosphere.fws.gov/project/KJEN6JN3QZBBZG3V76QIKZG2DA/documents/generated/11271.pdf

Vernal Pool Tadpole Shrimp *Lepidurus packardi* — Endangered

There is **final** critical habitat for this species. Your location does not overlap the critical habitat.
Species profile: https://ecos.fws.gov/ecp/species/2246
General project design guidelines:
https://ipac.ecosphere.fws.gov/project/KJEN6JN3QZBBZG3V76QIKZG2DA/documents/generated/11271.pdf

## FLOWERING PLANTS

| NAME | STATUS |
|---|---|

Sacramento Orcutt Grass *Orcuttia viscida* — Endangered

There is **final** critical habitat for this species. Your location does not overlap the critical habitat.
Species profile: https://ecos.fws.gov/ecp/species/5507

# CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

# IPAC USER CONTACT INFORMATION

Agency: Dokken Engineering
Name: Jeffrey Harris
Address: 110 Blue Ravine Rd #200
City: Folsom
State: CA
Zip: 95630
Email jharris@dokkenengineering.com
Phone: 9167651015

## Appendix B. CDFW CNDDB Species List

# Selected Elements by Common Name

## California Department of Fish and Wildlife

## California Natural Diversity Database

**Query Criteria:** Quad IS (Folsom (3812162) OR Citrus Heights (3812163) OR Rocklin (3812172) OR Roseville (3812173))

| Species | Element Code | Federal Status | State Status | Global Rank | State Rank | Rare Plant Rank/CDFW SSC or FP |
|---|---|---|---|---|---|---|
| **Alkali Meadow**<br>*Alkali Meadow* | CTT45310CA | None | None | G3 | S2.1 | |
| **Alkali Seep**<br>*Alkali Seep* | CTT45320CA | None | None | G3 | S2.1 | |
| **American badger**<br>*Taxidea taxus* | AMAJF04010 | None | None | G5 | S3 | SSC |
| **American bumble bee**<br>*Bombus pensylvanicus* | IIHYM24260 | None | None | G3G4 | S2 | |
| **An andrenid bee**<br>*Andrena subapasta* | IIHYM35210 | None | None | G1G2 | S1S2 | |
| **bank swallow**<br>*Riparia riparia* | ABPAU08010 | None | Threatened | G5 | S3 | |
| **big-scale balsamroot**<br>*Balsamorhiza macrolepis* | PDAST11061 | None | None | G2 | S2 | 1B.2 |
| **Boggs Lake hedge-hyssop**<br>*Gratiola heterosepala* | PDSCR0R060 | None | Endangered | G2G3 | S2 | 1B.2 |
| **Brandegee's clarkia**<br>*Clarkia biloba ssp. brandegeeae* | PDONA05053 | None | None | G4G5T4 | S4 | 4.2 |
| **burrowing owl**<br>*Athene cunicularia* | ABNSB10010 | None | Candidate Endangered | G4 | S2 | SSC |
| **California black rail**<br>*Laterallus jamaicensis coturniculus* | ABNME03041 | None | Threatened | G3T1 | S2 | FP |
| **California linderiella**<br>*Linderiella occidentalis* | ICBRA06010 | None | None | G2G3 | S2S3 | |
| **Cooper's hawk**<br>*Astur cooperii* | ABNKC12040 | None | None | G5 | S4 | WL |
| **Crotch's bumble bee**<br>*Bombus crotchii* | IIHYM24480 | None | Candidate Endangered | G2 | S2 | |
| **double-crested cormorant**<br>*Nannopterum auritum* | ABNFD01020 | None | None | G5 | S4 | WL |
| **dwarf downingia**<br>*Downingia pusilla* | PDCAM060C0 | None | None | GU | S2 | 2B.2 |
| **grasshopper sparrow**<br>*Ammodramus savannarum* | ABPBXA0020 | None | None | G5 | S3 | SSC |
| **great blue heron**<br>*Ardea herodias* | ABNGA04010 | None | None | G5 | S4 | |
| **great egret**<br>*Ardea alba* | ABNGA04040 | None | None | G5 | S4 | |

# Selected Elements by Common Name

## California Department of Fish and Wildlife

## California Natural Diversity Database

| Species | Element Code | Federal Status | State Status | Global Rank | State Rank | Rare Plant Rank/CDFW SSC or FP |
|---|---|---|---|---|---|---|
| **hispid salty bird's-beak**<br>*Chloropyron molle ssp. hispidum* | PDSCR0J0D1 | None | None | G2T1 | S1 | 1B.1 |
| **legenere**<br>*Legenere limosa* | PDCAM0C010 | None | None | G2 | S2 | 1B.1 |
| **merlin**<br>*Falco columbarius* | ABNKD06030 | None | None | G5 | S3S4 | WL |
| **Northern Hardpan Vernal Pool**<br>*Northern Hardpan Vernal Pool* | CTT44110CA | None | None | G3 | S3.1 | |
| **Northern Volcanic Mud Flow Vernal Pool**<br>*Northern Volcanic Mud Flow Vernal Pool* | CTT44132CA | None | None | G1 | S1.1 | |
| **northwestern pond turtle**<br>*Actinemys marmorata* | ARAAD02031 | Proposed Threatened | None | G2 | SNR | SSC |
| **osprey**<br>*Pandion haliaetus* | ABNKC01010 | None | None | G5 | S4 | WL |
| **pallid bat**<br>*Antrozous pallidus* | AMACC10010 | None | None | G4 | S3 | SSC |
| **pincushion navarretia**<br>*Navarretia myersii ssp. myersii* | PDPLM0C0X1 | None | None | G2T2 | S2 | 1B.1 |
| **purple martin**<br>*Progne subis* | ABPAU01010 | None | None | G5 | S3 | SSC |
| **Red Bluff dwarf rush**<br>*Juncus leiospermus var. leiospermus* | PMJUN011L2 | None | None | G2T2 | S2 | 1B.1 |
| **Ricksecker's water scavenger beetle**<br>*Hydrochara rickseckeri* | IICOL5V010 | None | None | G2? | S2? | |
| **Sacramento Orcutt grass**<br>*Orcuttia viscida* | PMPOA4G070 | Endangered | Endangered | G1 | S1 | 1B.1 |
| **Sanford's arrowhead**<br>*Sagittaria sanfordii* | PMALI040Q0 | None | None | G3 | S3 | 1B.2 |
| **silver-haired bat**<br>*Lasionycteris noctivagans* | AMACC02010 | None | None | G4 | S3S4 | |
| **spicate calycadenia**<br>*Calycadenia spicata* | PDAST1P090 | None | None | G3? | S3 | 1B.3 |
| **steelhead - Central Valley DPS**<br>*Oncorhynchus mykiss irideus pop. 11* | AFCHA0209K | Threatened | None | G5T2Q | S2 | SSC |
| **stinkbells**<br>*Fritillaria agrestis* | PMLIL0V010 | None | None | G3 | S3 | 4.2 |
| **Swainson's hawk**<br>*Buteo swainsoni* | ABNKC19070 | None | Threatened | G5 | S4 | |
| **tricolored blackbird**<br>*Agelaius tricolor* | ABPBXB0020 | None | Threatened | G1G2 | S2 | SSC |
| **valley elderberry longhorn beetle**<br>*Desmocerus californicus dimorphus* | IICOL48011 | Threatened | None | G3T3 | S3 | |

# Selected Elements by Common Name

## California Department of Fish and Wildlife

## California Natural Diversity Database

| Species | Element Code | Federal Status | State Status | Global Rank | State Rank | Rare Plant Rank/CDFW SSC or FP |
|---|---|---|---|---|---|---|
| **Valley Needlegrass Grassland**<br>*Valley Needlegrass Grassland* | CTT42110CA | None | None | G3 | S3.1 | |
| **vernal pool fairy shrimp**<br>*Branchinecta lynchi* | ICBRA03030 | Threatened | None | G3 | S3 | |
| **vernal pool tadpole shrimp**<br>*Lepidurus packardi* | ICBRA10010 | Endangered | None | G3 | S3 | |
| **western spadefoot**<br>*Spea hammondii* | AAABF02020 | Proposed Threatened | None | G2G3 | S3S4 | SSC |
| **white-tailed kite**<br>*Elanus leucurus* | ABNKC06010 | None | None | G5 | S3S4 | FP |

**Record Count: 45**

## Appendix C. CNPS Species List

Item 16

CALIFORNIA NATIVE PLANT SOCIETY

CNPS Rare Plant Inventory

## Search Results

**13** matches found. Click on scientific name for details

Search Criteria: , Quad is one of [**3812173:3812162:3812163**]

| ▲ COMMON NAME | SCIENTIFIC NAME | FAMILY | LIFEFORM | BLOOMING PERIOD | FED LIST | STATE LIST | GLOBAL RANK | STATE RANK | CA RARE PLANT RANK | CA ENDEMIC | DATE ADDED | PHOTO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| big-scale balsamroot | *Balsamorhiza macrolepis* | Asteraceae | perennial herb | Mar-Jun | None | None | G2 | S2 | 1B.2 | Yes | 1974-01-01 |  ©1998 Dean Wm. Taylor |
| Boggs Lake hedge-hyssop | *Gratiola heterosepala* | Plantaginaceae | annual herb | Apr-Aug | None | CE | G2G3 | S2 | 1B.2 | | 1974-01-01 |  ©2004 Carol W. Witham |
| Brandegee's clarkia | *Clarkia biloba* ssp. *brandegeeae* | Onagraceae | annual herb | (Mar)May-Jul | None | None | G4G5T4 | S4 | 4.2 | Yes | 2001-01-01 | No Photo Available |
| dwarf downingia | *Downingia pusilla* | Campanulaceae | annual herb | Mar-May | None | None | GU | S2 | 2B.2 | | 1980-01-01 |  © 2013 Aaron Arthur |
| hispid salty bird's-beak | *Chloropyron molle* ssp. *hispidum* | Orobanchaceae | annual herb (hemiparasitic) | Jun-Sep | None | None | G2T1 | S1 | 1B.1 | Yes | 1974-01-01 | No Photo Available |
| legenere | *Legenere limosa* | Campanulaceae | annual herb | Apr-Jun | None | None | G2 | S2 | 1B.1 | Yes | 1974-01-01 |  © 2025 Adam Searcy |

Item 16

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| pincushion navarretia | *Navarretia myersii* ssp. *myersii* | Polemoniaceae | annual herb | Apr-May | None | None | G2T2 | S2 | 1B.1 | Yes | 1994-01-01 |  © 2020 Leigh Johnson |
| Red Bluff dwarf rush | *Juncus leiospermus* var. *leiospermus* | Juncaceae | annual herb | Mar-Jun | None | None | G2T2 | S2 | 1B.1 | Yes | 1974-01-01 |  ©2016 Dylan Neubauer |
| Sacramento Orcutt grass | *Orcuttia viscida* | Poaceae | annual herb | Apr-Jul(Sep) | FE | CE | G1 | S1 | 1B.1 | Yes | 1974-01-01 |  © Rick York and CNPS |
| Sanford's arrowhead | *Sagittaria sanfordii* | Alismataceae | perennial rhizomatous herb (emergent) | May-Oct(Nov) | None | None | G3 | S3 | 1B.2 | Yes | 1984-01-01 |  ©2013 Debra L. Cook |
| spicate calycadenia | *Calycadenia spicata* | Asteraceae | annual herb | May-Sep | None | None | G3? | S3 | 1B.3 | | 2023-04-05 |  © 2023 Christopher Bronny |
| stinkbells | *Fritillaria agrestis* | Liliaceae | perennial bulbiferous herb | Mar-Jun | None | None | G3 | S3 | 4.2 | Yes | 1980-01-01 |  © 2016 Aaron Schusteff |
| valley brodiaea | *Brodiaea rosea* ssp. *vallicola* | Themidaceae | perennial bulbiferous herb | Apr-May(Jun) | None | None | G4G5T3 | S3 | 4.2 | Yes | 2019-01-07 |  © 2011 Steven Perry |

Showing 1 to 13 of 13 entries

Go to top

**Suggested Citation:**

California Native Plant Society, Rare Plant Program. 2026. Rare Plant Inventory (online edition, v9.5.1). Website https://www.rareplants.cnps.org [accessed 24 January 2026].

}

# Appendix D. NRCS Soil Survey Report

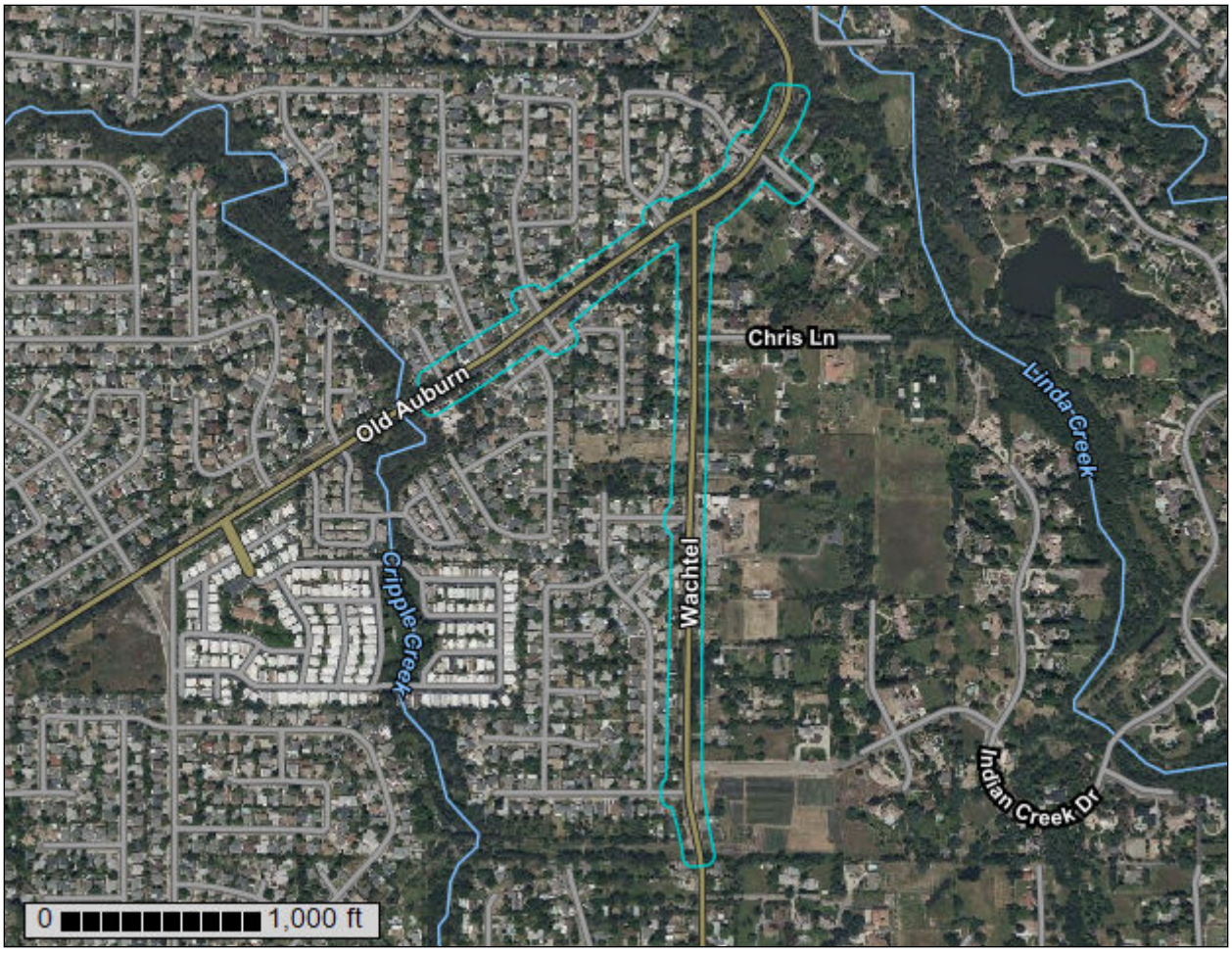
United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

# Custom Soil Resource Report for Placer County, California, Western Part; and Sacramento County, California



# Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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# How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

# Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

# Custom Soil Resource Report
## Soil Map




Map Scale: 1:6,980 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 100 200 400 600

Feet: 0 300 600 1200 1800

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84

## MAP LEGEND

**Area of Interest (AOI)**
- Area of Interest (AOI)

**Soils**
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

**Special Point Features**
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

**Water Features**
- Streams and Canals

**Transportation**
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

**Background**
- Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Placer County, California, Western Part
Survey Area Data: Version 16, Aug 30, 2024

Soil Survey Area: Sacramento County, California
Survey Area Data: Version 25, Sep 8, 2024

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

## MAP LEGEND

## MAP INFORMATION

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 23, 2022—Apr 24, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

# Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|---|---|---|---|
| 194 | Xerofluvents, frequently flooded | 0.3 | 1.1% |
| **Subtotals for Soil Survey Area** | | **0.3** | **1.1%** |
| **Totals for Area of Interest** | | **25.5** | **100.0%** |

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|---|---|---|---|
| 148 | Fiddyment-Orangevale-Urban land complex, 2 to 8 percent slopes | 12.4 | 48.8% |
| 229 | Urban land-Xerarents-Fiddyment complex, 0 to 8 percent slopes | 11.8 | 46.2% |
| 242 | Xerofluvents, 0 to 2 percent slopes, flooded | 1.0 | 3.9% |
| **Subtotals for Soil Survey Area** | | **25.2** | **98.9%** |
| **Totals for Area of Interest** | | **25.5** | **100.0%** |

# Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a

given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

# Placer County, California, Western Part

## 194—Xerofluvents, frequently flooded

### Map Unit Setting

*National map unit symbol:* hg18
*Elevation:* 0 to 1,500 feet
*Mean annual precipitation:* 14 to 20 inches
*Mean annual air temperature:* 61 to 64 degrees F
*Frost-free period:* 250 to 270 days
*Farmland classification:* Not prime farmland

### Map Unit Composition

*Xerofluvents, frequently flooded, and similar soils:* 90 percent
*Minor components:* 10 percent
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Xerofluvents, Frequently Flooded

#### Setting

*Landform:* Flood plains, flood plains, flood plains
*Landform position (three-dimensional):* Tread
*Down-slope shape:* Linear
*Across-slope shape:* Linear
*Parent material:* Alluvium

#### Typical profile

*H1 - 0 to 15 inches:* stratified loamy sand to fine sandy loam
*H2 - 15 to 37 inches:* stratified loamy sand to fine sandy loam to silt loam
*H3 - 37 to 55 inches:* stratified loam to silty clay loam to clay

#### Properties and qualities

*Slope:* 0 to 2 percent
*Depth to restrictive feature:* More than 80 inches
*Drainage class:* Somewhat poorly drained
*Runoff class:* Very low
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high (0.20 to 1.98 in/hr)
*Depth to water table:* About 30 to 57 inches
*Frequency of flooding:* Frequent
*Frequency of ponding:* None
*Calcium carbonate, maximum content:* 5 percent
*Available water supply, 0 to 60 inches:* Moderate (about 8.1 inches)

#### Interpretive groups

*Land capability classification (irrigated):* 4w
*Land capability classification (nonirrigated):* 4w
*Hydrologic Soil Group:* B
*Ecological site:* R017XY903CA - Stream Channels and Floodplains
*Hydric soil rating:* Yes

### Minor Components

#### Unnamed

*Percent of map unit:* 10 percent
*Landform:* Channels, channels, channels

*Landform position (three-dimensional):* Tread
*Down-slope shape:* Linear
*Across-slope shape:* Linear
*Hydric soil rating:* Yes

# Sacramento County, California

## 148—Fiddyment-Orangevale-Urban land complex, 2 to 8 percent slopes

**Map Unit Setting**

*National map unit symbol:* hhmr
*Elevation:* 50 to 280 feet
*Mean annual precipitation:* 19 to 22 inches
*Mean annual air temperature:* 61 degrees F
*Frost-free period:* 230 to 300 days
*Farmland classification:* Not prime farmland

**Map Unit Composition**

*Fiddyment and similar soils:* 40 percent
*Orangevale and similar soils:* 25 percent
*Urban land:* 20 percent
*Minor components:* 15 percent
*Estimates are based on observations, descriptions, and transects of the mapunit.*

**Description of Fiddyment**

**Setting**

*Landform:* Fan remnants
*Landform position (two-dimensional):* Summit, backslope
*Landform position (three-dimensional):* Riser, tread
*Down-slope shape:* Linear
*Across-slope shape:* Linear
*Parent material:* Alluvium derived from igneous and metamorphic rock over dense alluvium derived from igneous and metamorphic rock

**Typical profile**

*H1 - 0 to 8 inches:* fine sandy loam
*H2 - 8 to 15 inches:* loam
*H3 - 15 to 28 inches:* sandy clay loam
*H4 - 28 to 40 inches:* indurated
*H5 - 40 to 44 inches:* material

**Properties and qualities**

*Slope:* 2 to 8 percent
*Depth to restrictive feature:* 28 to 40 inches to duripan; 40 to 44 inches to densic material
*Drainage class:* Well drained
*Runoff class:* Very high
*Capacity of the most limiting layer to transmit water (Ksat):* Very low (0.00 to 0.00 in/hr)
*Depth to water table:* More than 80 inches
*Frequency of flooding:* None
*Frequency of ponding:* None
*Available water supply, 0 to 60 inches:* Very low (about 2.7 inches)

**Interpretive groups**

*Land capability classification (irrigated):* None specified
*Land capability classification (nonirrigated):* 4e
*Hydrologic Soil Group:* D
*Ecological site:* R017XY902CA - Duripan Vernal Pools

*Hydric soil rating:* No

**Description of Orangevale**

**Setting**

*Landform:* Fan remnants
*Landform position (two-dimensional):* Summit, backslope
*Landform position (three-dimensional):* Riser, tread
*Down-slope shape:* Linear
*Across-slope shape:* Convex
*Parent material:* Alluvium derived from granite

**Typical profile**

*H1 - 0 to 15 inches:* coarse sandy loam
*H2 - 15 to 20 inches:* coarse sandy loam
*H3 - 20 to 72 inches:* sandy clay loam
*H4 - 72 to 80 inches:* coarse sandy loam

**Properties and qualities**

*Slope:* 2 to 8 percent
*Depth to restrictive feature:* More than 80 inches
*Drainage class:* Well drained
*Runoff class:* Medium
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high (0.57 to 1.98 in/hr)
*Depth to water table:* More than 80 inches
*Frequency of flooding:* None
*Frequency of ponding:* None
*Available water supply, 0 to 60 inches:* Low (about 5.8 inches)

**Interpretive groups**

*Land capability classification (irrigated):* None specified
*Land capability classification (nonirrigated):* 4e
*Hydrologic Soil Group:* B
*Ecological site:* R017XY904CA - Subirrigated Deep Alluvial Fans
*Hydric soil rating:* No

**Description of Urban Land**

**Setting**

*Landform:* Fan remnants
*Landform position (two-dimensional):* Summit, backslope
*Landform position (three-dimensional):* Riser, tread
*Down-slope shape:* Linear
*Across-slope shape:* Linear

**Typical profile**

*H1 - 0 to 6 inches:* variable

**Interpretive groups**

*Land capability classification (irrigated):* None specified
*Land capability classification (nonirrigated):* 8
*Hydric soil rating:* No

**Minor Components**

**Xerarents**

*Percent of map unit:* 6 percent

*Landform:* Fan remnants
*Landform position (two-dimensional):* Summit, backslope
*Landform position (three-dimensional):* Riser, tread
*Down-slope shape:* Linear
*Across-slope shape:* Linear
*Hydric soil rating:* No

**Kaseberg**

*Percent of map unit:* 6 percent
*Landform:* Fan remnants
*Landform position (two-dimensional):* Summit
*Landform position (three-dimensional):* Tread
*Down-slope shape:* Linear
*Across-slope shape:* Linear
*Hydric soil rating:* No

**Unnamed, steeper slopes**

*Percent of map unit:* 3 percent
*Landform:* Fan remnants
*Landform position (two-dimensional):* Backslope
*Landform position (three-dimensional):* Riser
*Down-slope shape:* Linear
*Across-slope shape:* Concave
*Hydric soil rating:* No

## 229—Urban land-Xerarents-Fiddyment complex, 0 to 8 percent slopes

### Map Unit Setting

*National map unit symbol:* hhqc
*Elevation:* 0 to 2,500 feet
*Mean annual precipitation:* 19 inches
*Mean annual air temperature:* 61 degrees F
*Frost-free period:* 230 to 300 days
*Farmland classification:* Not prime farmland

### Map Unit Composition

*Urban land:* 40 percent
*Xerarents and similar soils:* 30 percent
*Fiddyment and similar soils:* 15 percent
*Minor components:* 15 percent
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Urban Land

#### Setting

*Landform:* Fan remnants
*Landform position (two-dimensional):* Summit
*Landform position (three-dimensional):* Tread

*Down-slope shape:* Linear
*Across-slope shape:* Linear

**Typical profile**
*H1 - 0 to 6 inches:* variable

**Interpretive groups**
*Land capability classification (irrigated):* None specified
*Land capability classification (nonirrigated):* 8
*Hydric soil rating:* No

## Description of Xerarents

**Setting**
*Landform:* Fan remnants
*Landform position (two-dimensional):* Backslope
*Landform position (three-dimensional):* Riser
*Down-slope shape:* Linear
*Across-slope shape:* Linear
*Parent material:* Alluvium derived from granite

**Typical profile**
*H1 - 0 to 60 inches:* variable

**Properties and qualities**
*Slope:* 0 to 8 percent
*Depth to restrictive feature:* More than 80 inches
*Drainage class:* Well drained
*Depth to water table:* More than 80 inches
*Frequency of flooding:* None
*Frequency of ponding:* None
*Available water supply, 0 to 60 inches:* Very low (about 0.0 inches)

**Interpretive groups**
*Land capability classification (irrigated):* None specified
*Land capability classification (nonirrigated):* 7e
*Ecological site:* R017XY905CA - Dry Alluvial Fans and Terraces
*Hydric soil rating:* No

## Description of Fiddyment

**Setting**
*Landform:* Fan remnants
*Landform position (two-dimensional):* Summit
*Landform position (three-dimensional):* Tread
*Down-slope shape:* Linear
*Across-slope shape:* Linear
*Parent material:* Alluvium derived from granite

**Typical profile**
*H1 - 0 to 8 inches:* fine sandy loam
*H2 - 8 to 15 inches:* loam
*H3 - 15 to 28 inches:* sandy clay loam
*H4 - 28 to 40 inches:* indurated
*H5 - 40 to 50 inches:* weathered bedrock

**Properties and qualities**
*Slope:* 1 to 8 percent

*Depth to restrictive feature:* 28 to 40 inches to duripan; 40 to 50 inches to paralithic bedrock
*Drainage class:* Well drained
*Runoff class:* Very high
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)
*Depth to water table:* More than 80 inches
*Frequency of flooding:* None
*Frequency of ponding:* None
*Available water supply, 0 to 60 inches:* Very low (about 2.7 inches)

**Interpretive groups**

*Land capability classification (irrigated):* None specified
*Land capability classification (nonirrigated):* 4e
*Hydrologic Soil Group:* D
*Ecological site:* R017XY902CA - Duripan Vernal Pools
*Hydric soil rating:* No

**Minor Components**

**Kaseberg**

*Percent of map unit:* 7 percent
*Landform:* Fan remnants
*Landform position (two-dimensional):* Summit
*Landform position (three-dimensional):* Tread
*Down-slope shape:* Linear
*Across-slope shape:* Linear
*Hydric soil rating:* No

**Orangevale**

*Percent of map unit:* 6 percent
*Landform:* Fan remnants
*Landform position (two-dimensional):* Summit
*Landform position (three-dimensional):* Tread
*Down-slope shape:* Linear
*Across-slope shape:* Linear
*Hydric soil rating:* No

**Unnamed, shallow**

*Percent of map unit:* 2 percent
*Landform:* Fan remnants
*Landform position (two-dimensional):* Backslope
*Landform position (three-dimensional):* Riser
*Down-slope shape:* Convex
*Across-slope shape:* Convex
*Hydric soil rating:* No

## 242—Xerofluvents, 0 to 2 percent slopes, flooded

### Map Unit Setting

*National map unit symbol:* hhqs
*Elevation:* 20 to 140 feet
*Mean annual precipitation:* 14 inches
*Mean annual air temperature:* 61 degrees F
*Frost-free period:* 250 to 300 days
*Farmland classification:* Not prime farmland

### Map Unit Composition

*Xerofluvents and similar soils:* 90 percent
*Minor components:* 10 percent
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Xerofluvents

#### Setting

*Landform:* Flood plains
*Landform position (three-dimensional):* Tread
*Down-slope shape:* Linear
*Across-slope shape:* Linear
*Parent material:* Alluvium

#### Typical profile

*H1 - 0 to 60 inches:* variable

#### Properties and qualities

*Slope:* 0 to 2 percent
*Depth to restrictive feature:* More than 80 inches
*Drainage class:* Somewhat excessively drained
*Runoff class:* Very low
*Depth to water table:* More than 80 inches
*Frequency of flooding:* Occasional
*Frequency of ponding:* None

#### Interpretive groups

*Land capability classification (irrigated):* None specified
*Land capability classification (nonirrigated):* 6w
*Ecological site:* R017XY903CA - Stream Channels and Floodplains
*Hydric soil rating:* Yes

### Minor Components

#### Riverwash

*Percent of map unit:* 4 percent
*Landform:* Flood plains
*Landform position (three-dimensional):* Tread

*Down-slope shape:* Linear
*Across-slope shape:* Linear
*Ecological site:* R017XY903CA - Stream Channels and Floodplains
*Hydric soil rating:* Yes

**Xerorthents**

*Percent of map unit:* 3 percent
*Landform:* Fan remnants
*Landform position (two-dimensional):* Summit
*Landform position (three-dimensional):* Tread, riser
*Down-slope shape:* Linear, convex
*Across-slope shape:* Linear, convex
*Hydric soil rating:* No

**Rossmoor**

*Percent of map unit:* 3 percent
*Landform:* Flood-plain steps
*Landform position (three-dimensional):* Tread
*Down-slope shape:* Linear
*Across-slope shape:* Linear
*Ecological site:* R017XY903CA - Stream Channels and Floodplains
*Hydric soil rating:* No

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## Appendix E. Representative Photographs



**Photograph 1.** Representative photograph of Old Auburn Way with adjacent oak woodland habitat. Taken facing northeast (4/25/2025).



**Photograph 2.** Representative photograph of the oak woodland habitat present in the northeastern portion of the BSA. Taken facing northwest (4/25/2025).



**Photograph 3.** Representative photograph of the annual grassland habitat adjacent to Wachtel Way. Taken facing northwest (4/25/2025).



**Photograph 4.** Representative photograph of Wachtel Way with ruderal vegetation along the roadway shoulders. Taken facing north (4/25/2025).



**Photograph 5.** Representative photograph of the urban/developed land cover within the BSA featuring residential homes and landscaping. Taken facing south (4/25/2025).

# APPENDIX D: Representative Site Photos



**Photograph 1.** Representative photograph of Old Auburn Road with adjacent oak woodland habitat. Taken facing northeast near the county line (4/25/2025).



**Photograph 2.** Representative photograph of the oak woodland habitat present in the northeastern portion of the BSA. Taken facing northwest (4/25/2025).



**Photograph 3.** Representative photograph of the annual grassland habitat adjacent to Wachtel Way. Taken facing northwest (4/25/2025).



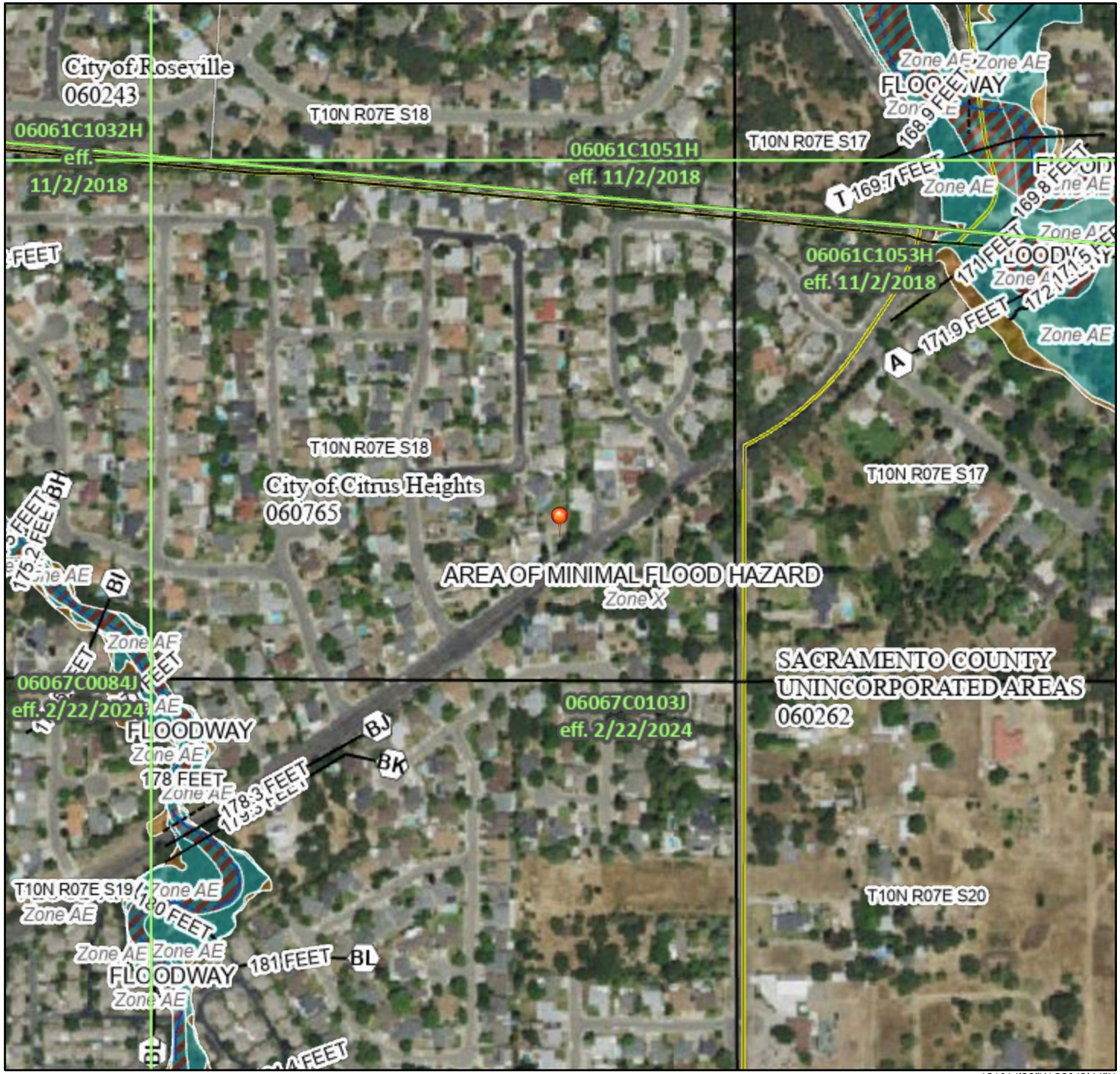
**Photograph 4.** Representative photograph of Wachtel Way with ruderal vegetation along the roadway shoulders. Taken facing north (4/25/2025).

# APPENDIX E: FEMA FIRMette Map

# National Flood Hazard Layer FIRMette

FEMA

121°15'5"W 38°43'12"N




121°14'28"W 38°42'44"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

*Basemap Imagery Source: USGS National Map 2023*

## Legend

Item 16

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

**SPECIAL FLOOD HAZARD AREAS**
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

**OTHER AREAS OF FLOOD HAZARD**
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

**OTHER AREAS**
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

**GENERAL STRUCTURES**
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

**OTHER FEATURES**
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

**MAP PANELS**
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/15/2025 at 7:38 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

# APPENDIX F: Public Comments Received

# COMMENT CARD

CITRUS HEIGHTS
Solid roots. New growth.

I would like to have the cinder block wall made higher due to the traffic noise and also for privacy. My backyard looks out to Old Auburn's Watchtel. Thank you.

Name: Tim & Jamie Guilfoil
Email Address: [redacted]
Phone Number:

# COMMENT CARD

CITRUS HEIGHTS
Solid roots. New growth.

Please make All trail markings the same as Roseville trails. They specifically have WALKers going toward bike traffic. This is just like WALking toward traffic on the roadway. Much safer. Especially with the new electric bikes that you can't hear when the come up behind you very fast.
Thanks

Name: Robin Marks
Email Address: [redacted]
Phone Number:

# COMMENT CARD

CITRUS HEIGHTS
Solid roots. New growth.

Are Sidewalks on both Side of the Road being added.

Name: Charles Stone
Email Address:
Phone Number: [redacted]

# COMMENT CARD

CITRUS HEIGHTS
Solid roots. New growth.

We are directly impacted by this. Please contact us.

[redacted] Rd

Joe & Felicia Esposito

[redacted]

Name:
Email Address:
Phone Number:

# COMMENT CARD

CITRUS HEIGHTS
Solid roots. New growth.

We think this is a great idea. We hope you can implement the project sooner than later.

Jim & Sara MacNicholl

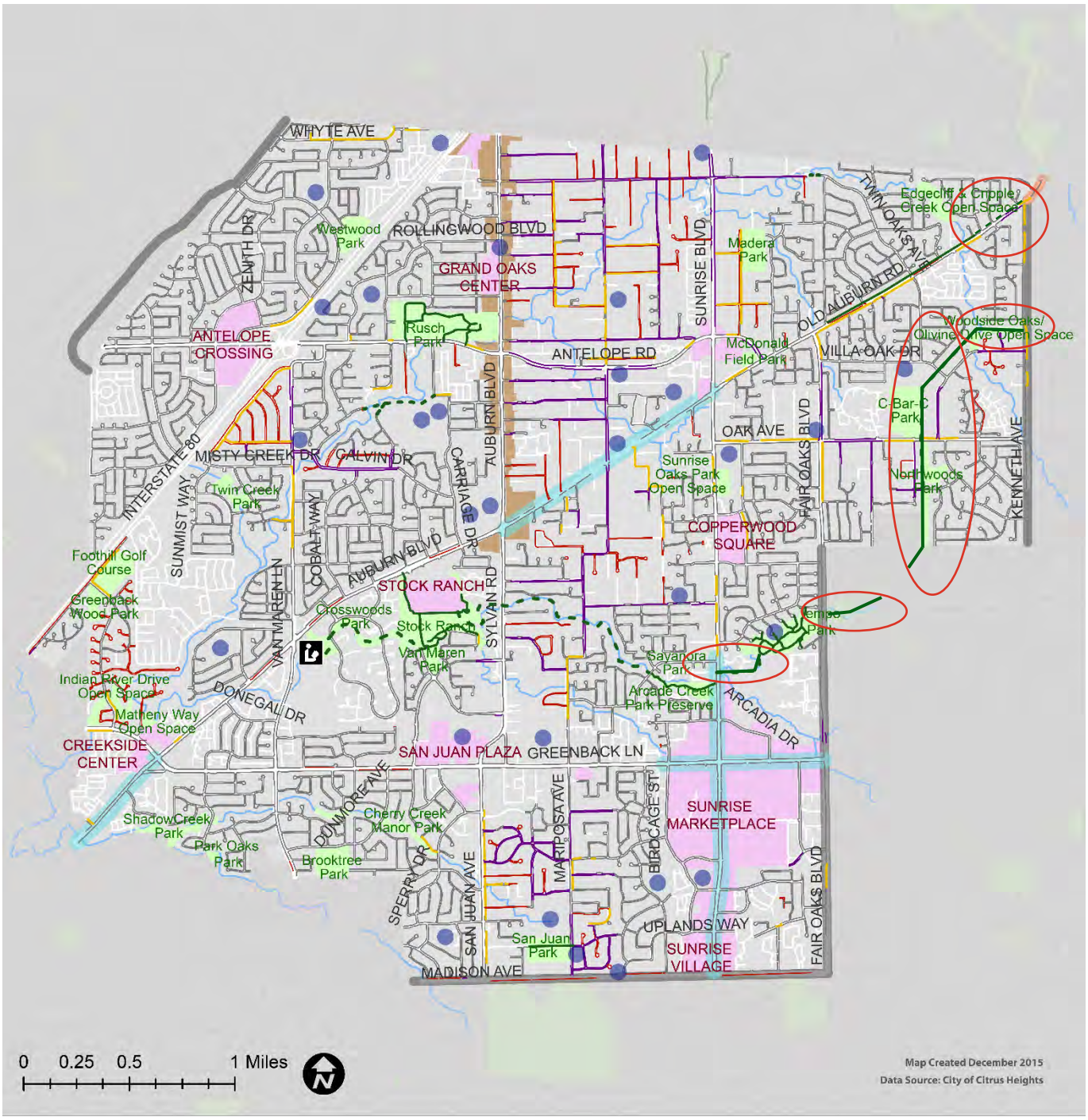
Name: Jim MacNicholl
Email Address: jmacnich@me.com
Phone Number: [redacted]

# COMMENT CARD

CITRUS HEIGHTS
Solid roots. New growth.

We live on OAKWOOD Hills & OLD Auburn Rd. Backyard Facing.
The SOUND WALL is NOT TALL Enough to Accomodate privacy in our Houses or Backyards if the Sidewalk is widened.
ALSO The proposed turn Lane Headed EAST into Rusch Ln.
STILL Would Help Much if NO STOP SIGN turning INTO OAKWOOD Hills.

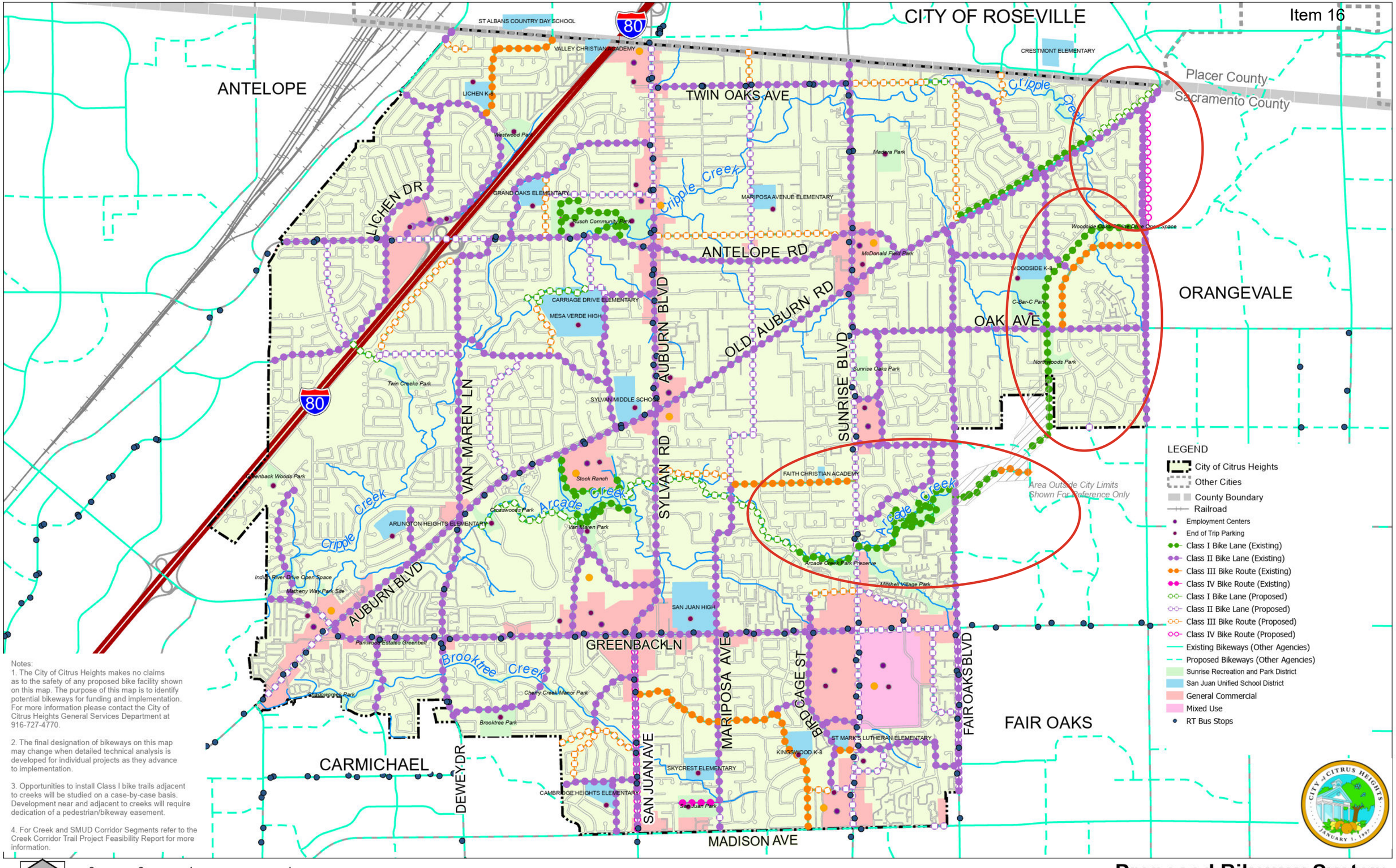
Name: Rick Rund
Email Address: [redacted]
Phone Number: [redacted]




WALKWAYS

- Existing Walkways
- Private Streets
- Paths
- Planned Paths
- Gap Fill - Both Sides
- Gap Fill - One Side
- Gap - No Fill
- Requires County Coordination
- Shopping Centers
- Focus Area Plans
- Auburn Blvd Plan Area
- Libraries
- Schools

Figure 5-5: Recommended Path, Walkway, and Sidewalk Projects




Notes:
1. The City of Citrus Heights makes no claims as to the safety of any proposed bike facility shown on this map. The purpose of this map is to identify potential bikeways for funding and implementation. For more information please contact the City of Citrus Heights General Services Department at 916-727-4770.

2. The final designation of bikeways on this map may change when detailed technical analysis is developed for individual projects as they advance to implementation.

3. Opportunities to install Class I bike trails adjacent to creeks will be studied on a case-by-case basis. Development near and adjacent to creeks will require dedication of a pedestrian/bikeway easement.

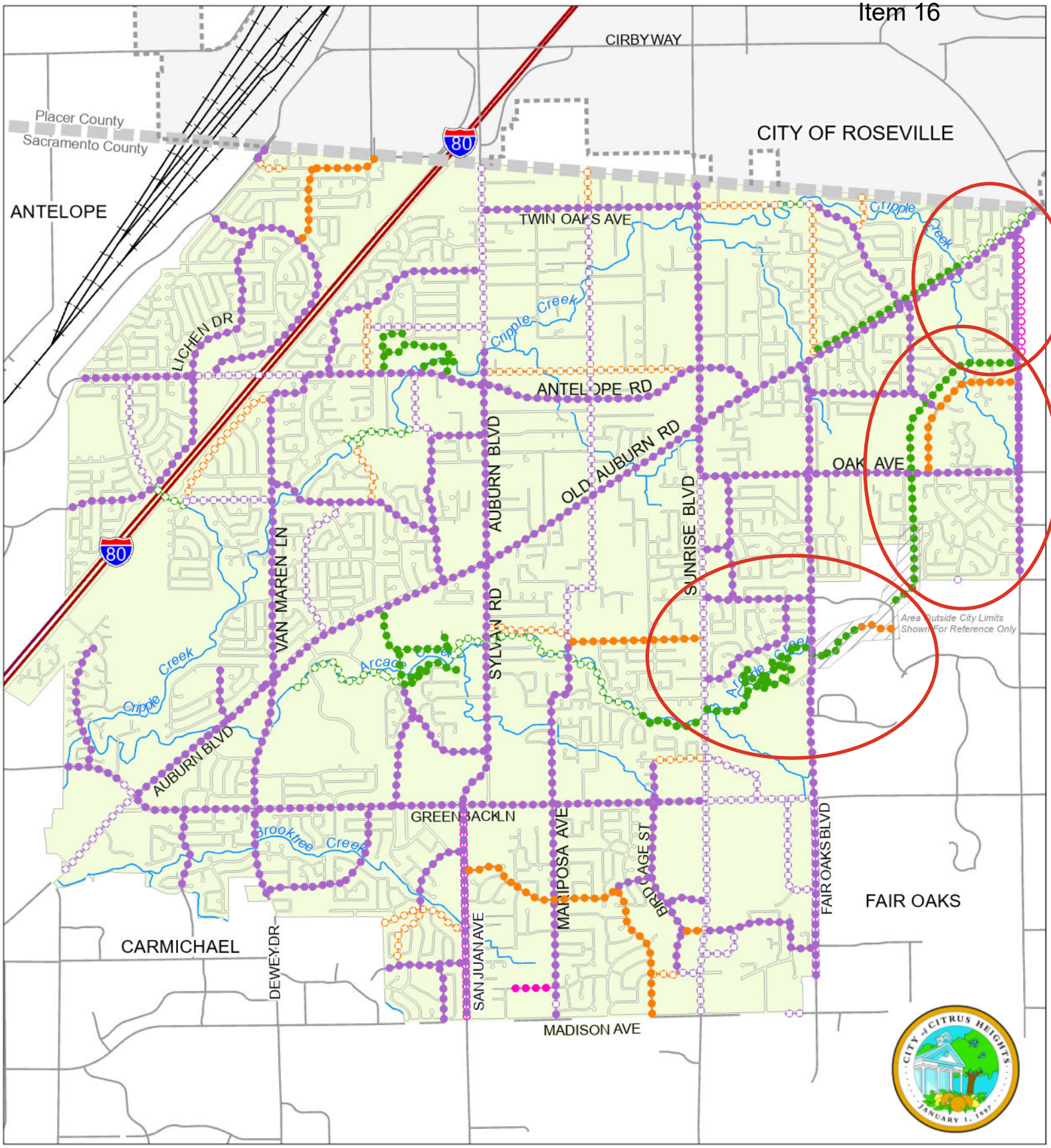
4. For Creek and SMUD Corridor Segments refer to the Creek Corridor Trail Project Feasibility Report for more information.

NO RTH 0 0 1 1 MILES

# Proposed Bikeway System



Figure 4




LEGEND

- City of Citrus Heights
- Other Cities
- County Boundary
- Railroad
- Creeks

Proposed Bikeways - Citrus Heights
- Class I Bike Lane (Proposed)
- Class II Bike Lane (Proposed)
- Class III Bike Route (Proposed)
- Class IV Bike Route (Proposed)

Existing Bikeways - Citrus Heights
- Class I Bike Lane (Existing)
- Class II Bike Lane (Existing)
- Class III Bike Route (Existing)
- Class IV Bike Route (Existing)

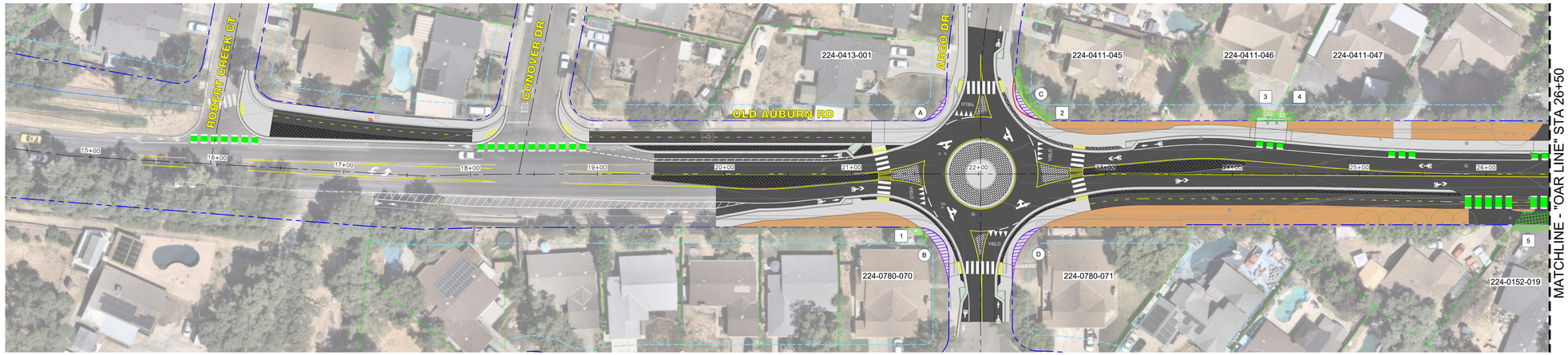
NORTH 0 0 1 1 MILES

Existing and Proposed Bikeway Classification (Miles)

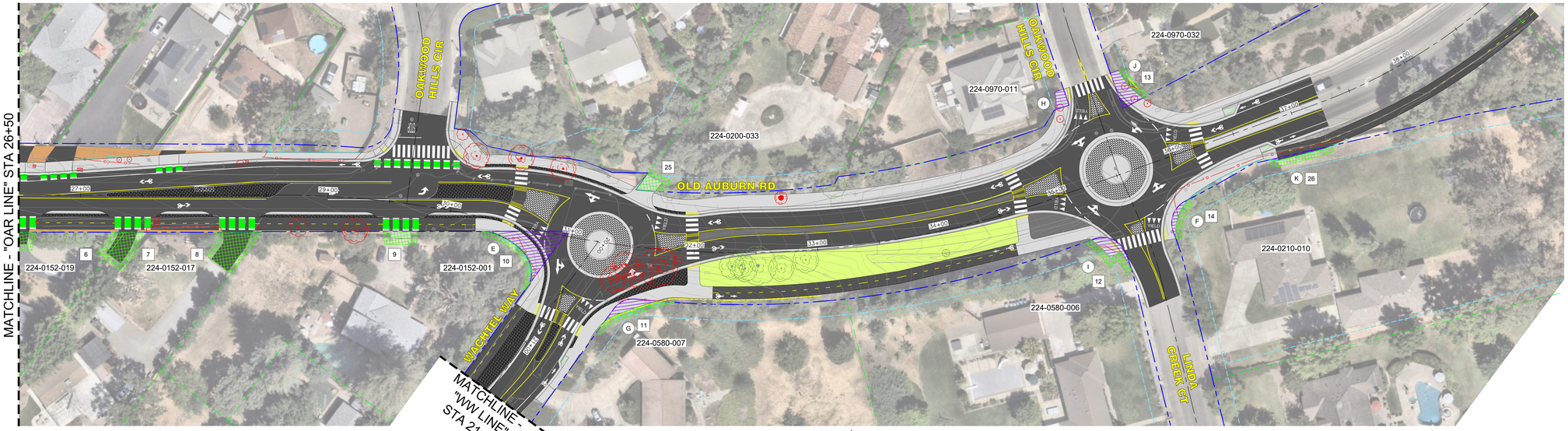
| Bikeway Classification | Existing | Proposed | Total |
|---|---|---|---|
| Class I | 4.5 | 4.9 | 9.4 |
| Class II | 40.9 | 14.5 | 55.4 |
| Class III | 3.5 | 4.4 | 7.9 |
| Total | 48.9 | 23.8 | 72.7 |



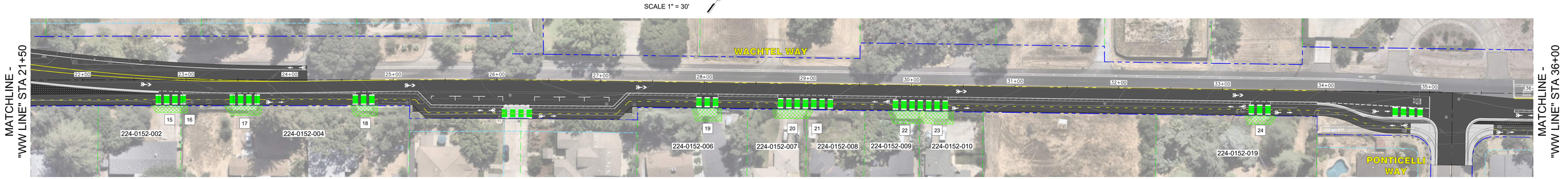
**Map 8**
**Planned Bikeway System**



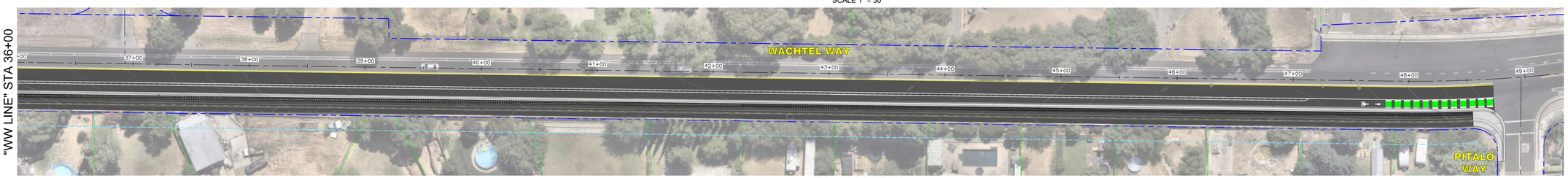

PLAN VIEW
SCALE 1" = 30'




PLAN VIEW
SCALE 1" = 30'




PLAN VIEW
SCALE 1" = 30'




PLAN VIEW
SCALE 1" = 30'

## LEGEND:

- RIGHT OF WAY ACQUISITION
- TEMPORARY CONSTRUCTION EASEMENT (TCE)
- RELOCATE FENCE
- RELOCATE WALL
- REMOVE TREE
- LANDSCAPING
- DECOMPOSED GRANITE (DG)

0 30 60 Feet
SCALE 1" = 30'

CITRUS HEIGHTS GATEWAY ACTIVATION PROJECT
PROJECT OVERVIEW EXHIBIT
ALTERNATIVE 1B

PREPARED FOR:
CITY OF CITRUS HEIGHTS
DECEMBER 2025

DOKKEN ENGINEERING
110 BLUE RAVINE ROAD
SUITE 200
FOLSOM, CA 95630
(916) 858-0642

Fehr & Peers

# Technical Memorandum

Date: January 22, 2026

To: Pamela Dalcin-Walling, PE, QSD/P, Dokken Engineering

From: John Gard, and Mari Ramones, Fehr & Peers

**Subject: Project Alternatives Analysis and Recommendations for the Gateway Activation Project in Citrus Heights, CA**

---

## Purpose

This technical memorandum recaps the project kickoff, initial community outreach, and intersection alternatives analysis for the Gateway Activation Project (GAP) in Citrus Heights, CA. The City of Citrus Heights staff identified project build alternatives to be evaluated for the primary study intersections at Old Auburn Road/Argo Drive, Old Auburn Road/Wachtel Way, and Old Auburn Road/Oakwood Hills Circle East.

## Background

The Citrus Heights Gateway Activation Project (GAP) proposes to extend multi-modal connections along Old Auburn Road from the eastern border of the City of Citrus Heights for about 0.55 miles west. The proposed improvements will connect with existing and planned bicycle and pedestrian improvements to the west and east.

The objectives of the GAP project are to:

- Extend multimodal facilities on Old Auburn Road from the City's eastern boundary to the existing Class I trail to the west (Robert Creek Court)
- Extend multimodal facilities on Wachtel Way south to the Arcade-Cripple Creek Trail
- Upgrade intersections at Old Auburn Road/Wachtel Way and Old Auburn Road/Oakwood Hills Circle East
- Improve pedestrian safety and crossings at multiple points within the study corridor

An existing conditions analysis was conducted in early 2025 to document key characteristics such as existing roadway, bicycle and pedestrian networks, vehicle queuing, vehicle speeds, cut-through travel, and safety. The Existing Conditions Analysis Memorandum can be found in **Appendix A.**

Following the existing conditions analysis, the project team conducted a preliminary analysis of intersection alternatives for the following three study intersections:

1. Old Auburn Road/Argo Drive

2. Old Auburn Road/Wachtel Way
3. Old Auburn Road/Oakwood Hills Circle East

Alternatives at Old Auburn Road/Argo Drive were evaluated based on improving pedestrian safety and creating a crossing to connect the existing Class I trail to the west and the proposed trail to the east. Secondary considerations included traffic control devices that could reduce corridor speeds.

Several intersection controls were evaluated for the Old Auburn Road/Wachtel Way and Old Auburn Road/Oakwood Hills Circle East intersection. After a preliminary alternatives analysis, the project team narrowed down the alternatives to present at a community meeting. The alternatives that were chosen for a more focused analysis are discussed below.

# Community Outreach

The project team hosted a kickoff community meeting on April 29, 2025 to introduce the project and gather community input on preliminary design concepts. The meeting began with the project team presenting the project overview and objectives. During the presentation, the team introduced the following geometric options for community input:

1. Two options for a pedestrian crossing at Argo Drive: a Pedestrian Hybrid Beacon (PHB) and a roundabout alternative.
2. Two options for the Old Auburn Road/Wachtel Way intersection: Traffic Signal and Roundabout.
3. Two options for the Old Auburn Road/Oakwood Hills Circle East intersection: Maintain existing All-Way Stop-Control (AWSC) and Roundabout.

The project team presented the safety and operational benefits and drawbacks of each alternative along with various other engineering design aspects.

Community members expressed interest in both the pedestrian hybrid beacon and roundabout options for Argo Drive. For the intersection improvements at Wachtel Way, community members preferred the roundabout alternative over the signal alternative. However, several attendees expressed concerns about the roundabout and the ability for residents to use it safely. At Oakwood Hills Circle East, residents preferred the roundabout to the existing condition of All-Way Stop-Control.

For a detailed description of the community workshop and project alternative exhibits, see the project website at https://www.citrusheights.net/1343/Gateway-Activation-Project-GAP.

# Argo Drive Pedestrian Crossing

Fehr & Peers evaluated the appropriate type of traffic control and pedestrian crossing at the Old Auburn Road/Argo Drive intersection. Fehr & Peers documented existing conditions and evaluated potential improvements.

# Existing Conditions

The Old Auburn Road/Argo Drive intersection is controlled by stop signs on the two side-street approaches. In this area, Old Auburn Road features one travel lane in each direction separated by a two-way left-turn lane (TWLTL). There are also wide Class II (on-street) bike lanes present in each direction (may have accommodated on-street parking at one time). Just west of the intersection, Old Auburn Road is 71 feet wide, measured from face of curb.

No crosswalks are located at the intersection and the posted speed limit on this section of Old Auburn Road is 40 miles per hour. The nearest crosswalk to this intersection across Old Auburn Road is at Wachtel Way, 900 feet to the east. There are not continuous sidewalks along Old Auburn Road between Argo Drive and Wachtel Way, which requires pedestrians to walk in the shoulder or bike lane. The next closest crossing is 2,300 feet to the west at Wintergreen Drive.

**Figure 1** shows the existing AM and PM peak hour traffic volumes at the study intersection based on counts collected on Wednesday, October 30, 2024.

**Image 1** is a photo taken in March 2025 of a group of pedestrians beginning to cross Old Auburn Road at Argo Drive. Halfway across, they began jogging/running across the road as vehicles were approaching.

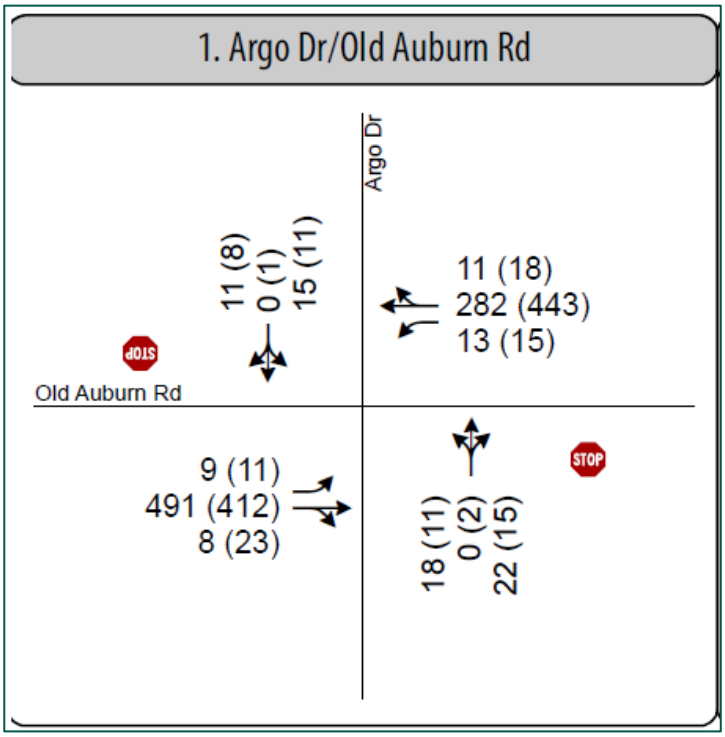



Figure 1: Existing AM (PM) peak hour traffic volumes.



Image 1: View of pedestrians crossing Old Auburn Road at Argo Drive

# Warrants Analysis

The *California Manual of Uniform Traffic Control Devices* (Caltrans, 2014) contains several different types of warrants or installation guidelines applicable to the study intersection. They include:

- Traffic Signal Warrants
- Pedestrian Hybrid Beacon Guidelines for Installation

## Traffic Signal Warrant Analysis

There are nine (9) traffic signal warrants as shown in **Image 2**. Of these nine, warrants 1, 2, 3, 4, and 7 would be applicable to the study intersection. Warrant 5 is not applicable because the intersection is not an established school crossing. Warrants 6, 8, and 9 are also not applicable for various reasons.

02 **The investigation of the need for a traffic control signal shall include an analysis of factors related to the existing operation and safety at the study location and the potential to improve these conditions, and the applicable factors contained in the following traffic signal warrants:**

**Warrant 1, Eight-Hour Vehicular Volume**
**Warrant 2, Four-Hour Vehicular Volume**
**Warrant 3, Peak Hour**
**Warrant 4, Pedestrian Volume**
**Warrant 5, School Crossing**
**Warrant 6, Coordinated Signal System**
**Warrant 7, Crash Experience**
**Warrant 8, Roadway Network**
**Warrant 9, Intersection Near a Grade Crossing**

Image 2: List of all signal warrants contained in CA MUTCD.

The following conclusions were reached regarding whether the study intersection satisfies any of the applicable CA MUTCD signal warrants:

- **None of the traffic volume-based signal warrants would be satisfied.** This is because the largest hourly side-street traffic volume is 40 vehicles, half of the minimum required for the 4-hour warrant and only 40% of the required volume for the peak hour warrant.
- **The pedestrian volume warrant would not be met.** During the October 2024 counts, only a single pedestrian crossed Old Auburn Road during the five-hour count window.
- **The crash experience warrant would not be met.** Between 2018 and 2023, two reported crashes occurred at the study intersection. This warrant requires five collisions in a 12-month period of a type susceptible to correction by a traffic signal.

## Pedestrian Hybrid Beacon Warrant Analysis

Page 973 of the *CA MUTCD* states the following with regard to when pedestrian hybrid beacons (PHBs) should be installed:

> *For a major street where the posted or statutory speed limit or the 85th-percentile speed exceeds 35 mph, the need for a pedestrian hybrid beacon should be considered if the engineering study finds that the plotted point representing the vehicles per hour on the major street (total of both approaches) and the corresponding total of all pedestrians crossing the major street for 1 hour (any four consecutive 15-minute periods) of an average day falls above the applicable curve in Figure 4F-2 for the length of the crosswalk.*

**Image 3** shows Figure 4F-2 from the CA MUTCD and indicates that a minimum of 20 pedestrian crossings per hour are suggested by this guideline. **Image 4** shows the pedestrian signal heads visible to motorists at PHBs.

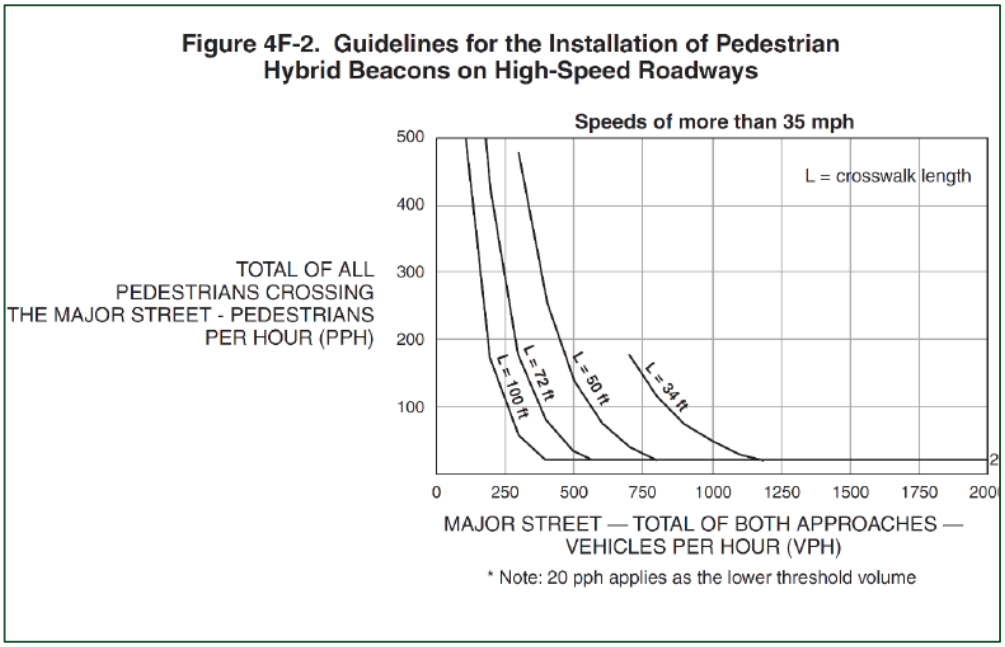



Image 3: Guidelines for installing pedestrian hybrid beacons

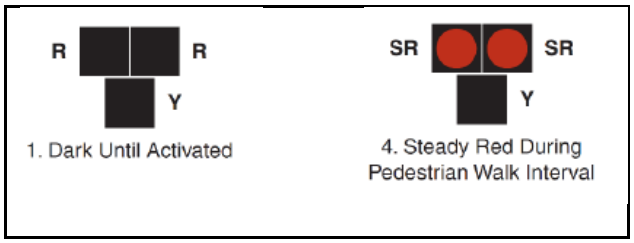



Image 4: pedestrian hybrid beacons signal heads

In summary, the Old Auburn Road/Argo Drive intersection does not currently have a sufficient level of pedestrian crossings to meet the guideline for PHB installation. While such an installation may attract more pedestrians, it is unknown whether at least 20 per hour will occur.

Although the suggested guidelines are not met for pedestrian volumes, the CA MUTCD allows for the installation of a PHB based on an analysis and engineering judgment.

# Conclusions

From the aforementioned analyses, it was determined that neither a traffic signal nor a PHB are appropriate solutions for the Old Auburn Road/Argo Drive intersection. However, it is worth noting that the majority of the language related to the signal warrant analysis in the *CA MUTCD* is regulatory and uses wording like "shall". In contrast, language associated with the PHB is primarily optional, guidance, or support, suggesting there may be some flexibility in application and deference given to the lead agency.

Page 973 of the *CA MUTCD* states the following: "A conventional traffic control signal operation with a standard signal face displaying green, yellow and red (steady and/or flashing red) indications, at a mid-block crosswalk is an alternative to the pedestrian hybrid beacon." This type of installation (i.e. a pedestrian signal) is in place in multiple locations in Citrus Heights, such as nearby Woodside Middle School and various locations along Auburn Boulevard and Greenback Lane.

In lieu of the signal alternatives mentioned above, a roundabout was considered.

**Image 5** shows Exhibit 8.8 of *NCHRP 1043: Guide for Roundabouts* (2023). This exhibit shows a range of appropriate intersection traffic control treatments across a wide range of traffic volumes. The red 'X" on this image shows the volume at the Old Auburn Road/Argo Drive intersection. The volume is at the cusp of where side-street stop-control or a single-lane roundabout is advised.

A single-lane roundabout would offer several benefits to travelers on the Old Auburn Road corridor including:

1. **Reduced travel speeds**. Motorists would be required to slow down well below the 40 mph posted speed limit in order to navigate the roundabout.
2. **Improved Pedestrian Crossing**: The currently uncontrolled 70-foot wide crossing of Old Auburn Road at Argo Drive would be converted into a much shorter crossing distance (and across one lane at a time with a refuge island in between).
3. **Acceptable traffic operations**: The roundabout would operate with only modest delays and queues.
4. **Improved Corridor Safety**: Roundabouts are known to have lower collision rates than signals or stop signs under most conditions. They are especially effective in reducing fatal or severe injury collisions.

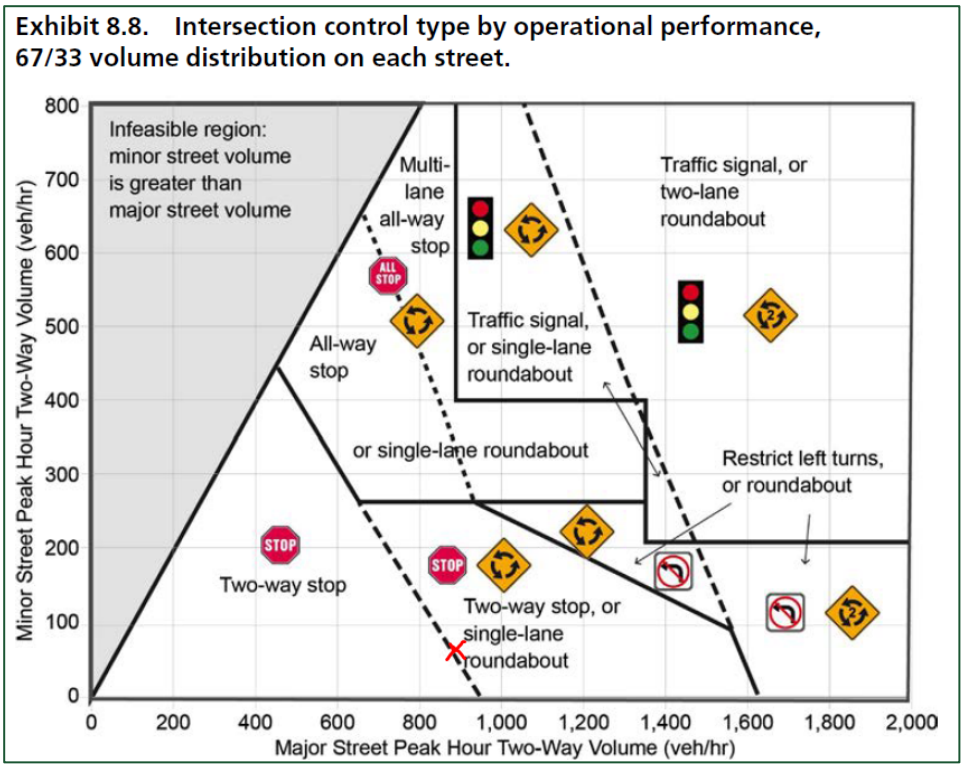



Image 5: Exhibit 8.8 of NCHRP 1043: Guide for Roundabouts (2023)

# Alternatives Analysis

The project team considered a range of traffic control alternatives for the remaining two study intersections, Old Auburn Road/Wachtel Way and Old Auburn Road/Oakwood Hills Circle East. These two intersections were analyzed as a pair due to their proximity to each other and the upstream/downstream effects that each control type has on the other intersection. The following alternatives were developed for subsequent analysis:

- Alternative 1 – Consists of a roundabout at the Old Auburn Road/Wachtel Way intersection and maintaining the existing AWSC at the Old Auburn Road/Oakwood Hills Circle East intersection.
  A roundabout was considered due to its ability to reduce vehicle travel speeds and conflict points, and to improve multi-modal crossing conditions at the intersection. **Image 6** shows the configuration at the study intersections under this alternative.
- Alternative 2 – Consists of roundabouts at both study intersections. **Image 7** shows this configuration at the study intersections under this alternative.

- Alternative 3 – Consists of installing a traffic signal at the Old Auburn Road/Wachtel Way intersection with east-west split phasing (i.e., no westbound left-turn lane) and the Old Auburn Road/Oakwood Hills Circle East intersection remain as AWSC. **Image 8** shows the configuration at the study intersections under this alternative.

(Please see "Warrant Analysis at the Old Auburn Road/Oakwood Hills Circle East–Linda Creek Ct Intersection" for a discussion regarding why a traffic signal was not considered at the Old Auburn Road/Oakwood Hills Circle East intersection under any of these alternatives.)




Image 6: Proposed intersection configurations for Alternative 1.

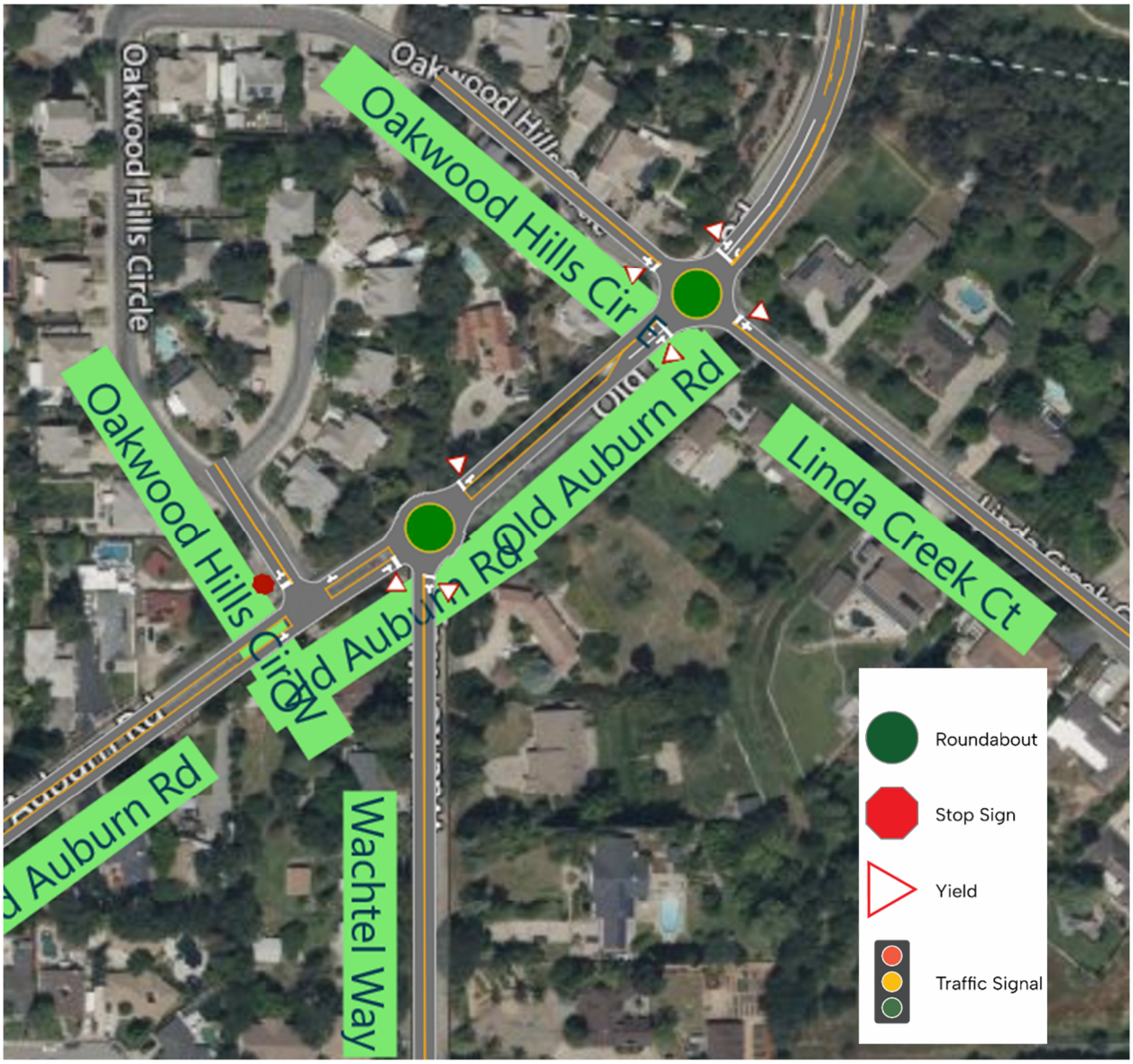



Image 7: Proposed intersection configurations for Alternative 2.

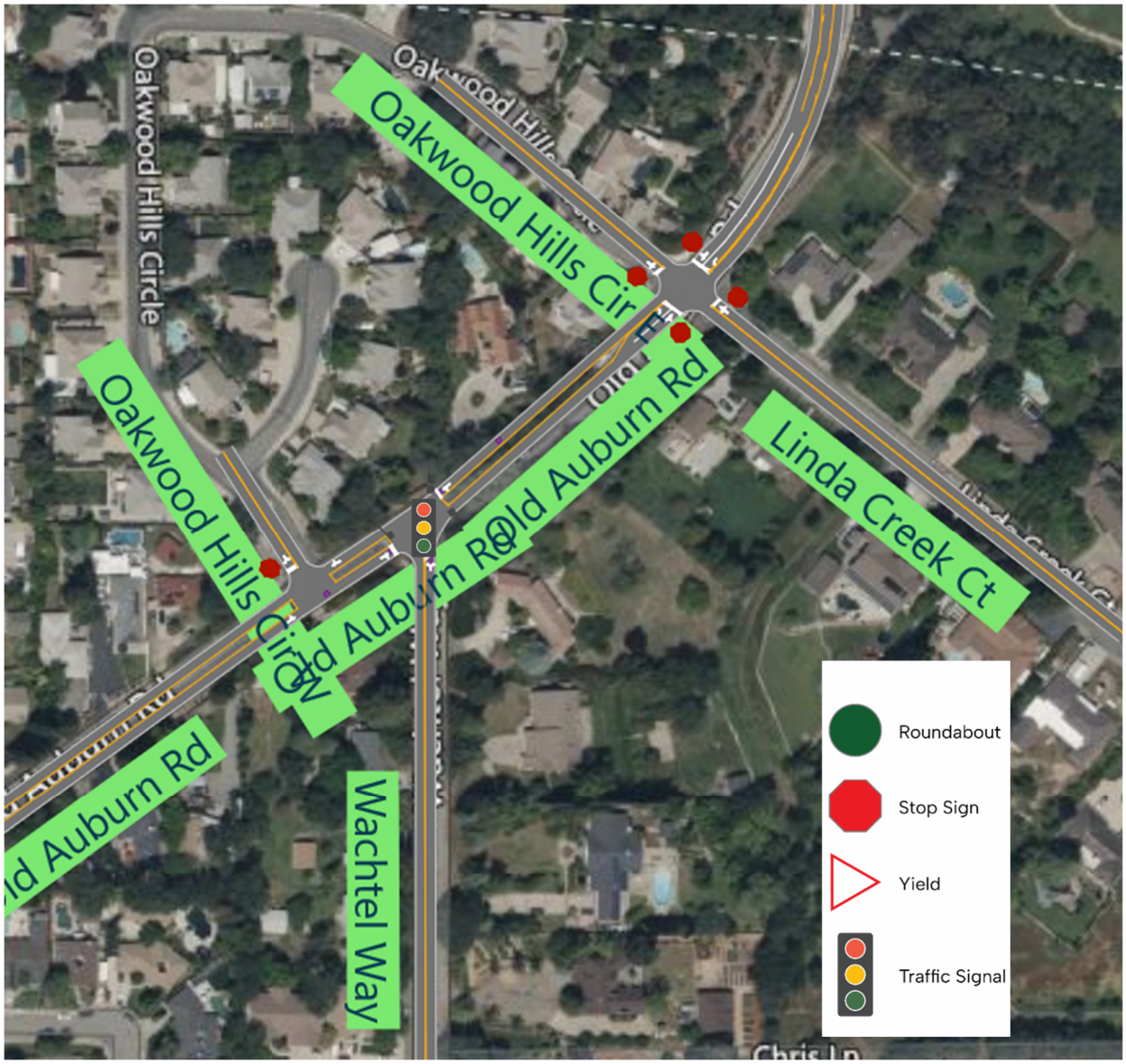



Image 8: Proposed intersection configurations for Alternative 3.

To confirm that a roundabout would be a viable solution for this segment of Old Auburn Road, the project team research locations in the Northern California area with comparable single lane roundabouts. The City of Chico installed a single lane roundabout at the Manzanita Avenue/Vallombrosa Avenue intersection over 10 years ago. This roundabout has comparable ADT volumes of 11,142 vehicles on Manzanita Avenue, similar to Old Auburn Road west of Wachtel Way. Conversations with the City of Chico staff revealed that one collision has been reported at this roundabout in last 7 years. Comparable single-lane roundabouts also exist on Elk Grove Boulevard between Waterman Road and Bradshaw Road in the City of Elk Grove. The existing ADT on Elk Grove Boulevard at this location is about 13,200 vehicles.

# Warrant Analysis at the Old Auburn Road/ Oakwood Hills Circle East-Linda Creek Ct Intersection

A traffic signal was evaluated as a potential alternative at the Old Auburn Road/Oakwood Hills Circle East-Linda Creek Ct intersection. Similar to the warrant analysis presented previously at the Old Auburn Road/Argo Drive intersection, warrants 1, 2, 3, 4, and 7 would be applicable to this study intersection.

Based on the results of the warrant analysis, it was determined that the Old Auburn Road/Oakwood Hills Cir E-Linda Creek Ct intersection does not satisfy any of the applicable CA MUTCD signal warrants for the following reasons:

- **None of the traffic volume-based signal warrants would be satisfied.** The largest hourly side-street traffic volume is 5 vehicles, which does not meet the lowest threshold volume for a minor-street approach with one lane.
- **The pedestrian volume warrant would not be met.** During the October 2024 counts, only seven pedestrians crossed Old Auburn Road during the five-hour count window.
- **The crash experience warrant would not be met.** Between 2018 and 2023, one reported crash occurred at the study intersection.

Additionally, installing a traffic signal at this intersection would lead to higher vehicle speeds through the corridor. This could potentially increase the frequency of collisions and street noise on Old Auburn Road. With a traffic signal in place, the eastbound and westbound through movements on Old Auburn Road would receive a green signal indication the vast majority of the day (due to lack of side street traffic). Motorists on Old Auburn Road may become accustomed to the signal being green and consequently drive less cautiously when approaching it. In summary, the installation of a traffic signal is not warranted based on traffic volume and collision history and would be detrimental to overall safety in the corridor.

# Intersection Operations

Traffic operations for each alternative were analyzed using delay and Level of Service (LOS) as primary measures of intersection performance. Automobile LOS is a qualitative description of traffic flow from the perspective of motorists. The *Highway Capacity Manual (HCM) 7th Edition* (Transportation Research Board, 2022) defines six levels of service from LOS A representing the least congested traffic conditions to LOS F representing the most congested traffic conditions. These grades represent the perspective of drivers and are an indication of the comfort and convenience associated with driving, as well as speed, travel time, traffic interruptions, and freedom to maneuver.

LOS at signalized and all-way stop-controlled intersections and roundabouts is based on the weighted average control delay measured in seconds per vehicle for all motorists traveling through the intersection. For side-street stop-controlled intersections, this study reports the average control delay for the lane group or movement with the greatest delay, and for the intersection as a whole.

The corridor was analyzed using Synchro's SimTraffic micro-simulation module to apply the methodologies. SimTraffic considers interactions between closely spaced adjacent intersections, turn

lane spillbacks, and upstream/downstream bottlenecks. In this study, given the above guidance, SimTraffic was used to analyze all study intersections.

**Table 1** compares the LOS and delay results for the three build alternatives versus existing conditions. Note that the City's General Plan specifies that "the city shall strive to achieve LOS E or better conditions during peak hours". Key findings from this table are:

- The Old Auburn Road/Wachtel Way intersection would continue to operate unacceptably during the AM peak hour under Alternative 1. This occurs because the heavy eastbound travel demand approaching the Old Auburn Road/Oakwood Hills Circle East all-way stop would regularly spill back into the roundabout, locking it up.
- Alternative 2 would provide LOS A or B operations at each intersection during the AM and PM peak hours.
- Alternative 3 would also provide acceptable operations, though delays would be much greater than under Alternative 2.

**Table 1. Peak Hour Level of Service – Alternatives Analysis**

| Alternative | Traffic Control at Wachtel Way | Peak Hour | LOS/Delay (s) | Traffic Control at Oakwood Hills Circle East | LOS/Delay (s) |
|---|---|---|---|---|---|
| Existing Conditions | AWSC | AM | **F / 56** | AWSC | E / 38 |
| | | PM | B / 14 | | **F / 75** |
| 1 | RAB | AM | **F / 115** | AWSC | D / 33 |
| | | PM | B / 12 | | C / 20 |
| 2 | RAB | AM | B / 13 | RAB | A / 9 |
| | | PM | B / 10 | | A / 8 |
| 3 | Signal | AM | D / 50 | AWSC | C / 20 |
| | | PM | D / 52 | | E / 45 |

Notes: AWSC = All-Way Stop-Controlled
Bolded numbers indicate deficient operations per City of Citrus Heights General Plan Policy 29.2.
Source: Fehr & Peers, 2025.

# Vehicle Queuing Results

**Table 2** shows the maximum queue lengths based on SimTraffic results for critical movements at the study intersections. Key findings from this table are summarized below:

1) Alternative 1
   a) Eastbound Old Auburn Road east of Wachtel Way: This alternative would deliver large platoons of traffic departing Wachtel Way. Those vehicles would incur the all-way stop at Oakwood Hills Circle East, which results in vehicle queues spilling back into the Wachtel Way roundabout. This, in turn, causes a lengthy eastbound queue to develop approaching the roundabout.
   b) Westbound Old Auburn Road: This alternative reduces the maximum queue in the westbound direction during the PM peak hour from 1,150 feet (existing) to 400 feet. This occurs because vehicles traveling westbound only have to stop at Old Auburn Road/Oakwood Hills Circle East and are able to travel freely through the roundabout.
   c) Northbound Wachtel Way: Motorists on this approach during the AM peak hour would have a difficult time finding gaps in traffic within the roundabout due to the heavy eastbound travel demand and the queue spill back mentioned above.
2) Alternative 2
   a) Eastbound Old Auburn Road: This alternative reduces the maximum queue in the eastbound direction during the AM peak hour from 850 feet (existing) to 275 feet. This reduction in queuing is due to the constant flow of traffic through the double roundabouts and minimal stopping of vehicles.
   b) Westbound Old Auburn Road: This alternative reduces the maximum queue in the westbound direction during the PM peak hour from 1,150 feet (existing) to 150 feet.
   c) Northbound Wachtel Way: When compared to Alternative 1, motorists on this approach would have a much easier time entering the roundabout, thereby resulting in less delays and shorter queues.
3) Alternative 3
   a) Eastbound Old Auburn Road west of Wachtel Way: When compared to existing conditions, this alternative results in a maximum queue that is slightly less during the AM peak hour, but twice as long during the PM peak hour. This change stems from altered corridor traffic flow characteristics due to the all-way stop at Wachtel Way being replaced by a signal.
   b) Westbound Old Auburn Road: This alternative reduces the maximum queue in the westbound direction during the PM peak hour from 1,150 feet (existing) to 825 feet. Under this alternative, westbound traffic would continue to spill back from Wachtel Way into the Oakwood Hills Circle East intersection. This change stems from altered corridor traffic flow characteristics due to the all-way stop at Wachtel Way being replaced by a signal.

# Travel Times and Speeds

Corridor travel times and average travel speeds were compared against existing conditions for each alternative. Existing corridor travel times in the peak direction of travel (i.e., eastbound in the AM peak hour and westbound in the PM peak hour) are shown in **Image 9**. As shown, average travel speeds are in the 11-12 miles per hour (mph) range, which is well below the posted speed limit of 35 mph.

Fehr & Peers

**Table 2. Maximum Vehicle Queues**

| Intersection | Movement | Available Storage (ft)[2] | Maximum Queue (ft)[1] | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Existing Conditions | | | Alternative 1 | | | Alternative 2 | | | Alternative 3 | | |
| | | | Control | AM Peak Hour | PM Peak Hour | Control | AM Peak Hour | PM Peak Hour | Control | AM Peak Hour | PM Peak Hour | Control | AM Peak Hour | PM Peak Hour |
| Old Auburn Road/Wachtel Way | EBT | 90 | AWSC | **850** | **300** | RAB | **1,125** | **225** | RAB | **275** | **225** | Signal | **775** | **650** |
| | WB L/T | 350 | | 175 | **375** | | 75 | 175 | | 75 | 225 | | **350** | **375** |
| | NBL | 600 | | 275 | 275 | | **850** | 125 | | 200 | 125 | | 325 | 250 |
| | NBR[3] | 100 | | 125 | 100 | | | | | | | | | |
| Old Auburn Road/Oakwood Hills Circle E/Linda Creek Ct | EBT | 350 | AWSC | 150 | 125 | AWSC | **400** | 175 | RAB | 200 | 75 | AWSC | 300 | 175 |
| | WBT | 1,370 | | 125 | 1,150 | | 200 | 400 | | 75 | 150 | | 150 | 825 |

Notes:
[1] Results based on SimTraffic. Maximum queue lengths are rounded to nearest 25 feet. All queues are expressed on a "per lane" basis or approach as noted. Includes vehicles that may queue in the taper length of a turn pocket.
[2] Available storage lengths based on review of aerial imagery. Distance is either length of turn lane or distance to nearest upstream intersection.
[3] Existing lane configuration is a shared northbound LT/RT lane. For purposes of the simulation, a small right turn pocket was added to better model vehicle queuing conditions. With signal, this becomes a shared left/right lane.
**Bolded text** represents a queue that extends into or beyond the nearest upstream intersection.




Image 9: Existing corridor travel times in peak travel direction.

**Table 3** compares the travel times and speeds for the proposed alternatives. As shown, Alternative 2 results in the lowest corridor travel time of about 1.5 minutes, or about half of the time it takes to travel under existing conditions. With Alternative 2, there is an increase of 6 mph in the AM peak Hour and 12 mph in the PM peak hour.

**Table 3. Corridor Travel Times and Average Speed Comparisons**

| Scenario | AM Peak Hour | PM Peak Hour |
|---|---|---|
| | Eastbound (From Wintergreen Drive to Linda Creek Ct) | Westbound (from South Cirby Way to Argo Drive) |
| Existing Conditions | 185 seconds / 11 mph | 184.8 seconds / 12 mph |
| Alternative 1 (Roundabout/AWSC) | 100.4 seconds / 19 mph | 89.8 seconds / 23.5 mph |
| Alternative 2 (Roundabout/Roundabout) | 87.3 seconds / 17 mph | 82.4 seconds / 24 mph |
| Alternative 3 (Signal/AWSC) | 141.6 seconds / 16 mph | 164.9 seconds / 17 mph |

# Conclusions

Alternative 2 emerged as the preferred alternative when considering traffic operations and safety considerations. The superior benefits of this alternative versus the others is documented below:

- Corridor Travel Delays: Alternative 2 would result in an overall average delay during AM and PM peak hours of 10 seconds per vehicle at the Old Auburn Road/Wachtel Way and Oakwood Hills Circle East intersections. In contrast, Alternatives 1 and 3 would result in overall average delays of about 45 seconds, due to the AWSC at Oakwood Hills Circle East remaining in place under each alternative.
- Corridor Vehicle Queuing: Alternative 2 would have the least amount of vehicle queuing approaching and between the two intersections among the three alternatives studied.
- Corridor Travel Times: Alternatives 1 and 2 would have comparable travel times along Old Auburn Road. However, this metric is a bit misleading because Alternative 1 creates challenges for motorists on northbound Wachtel Way to enter the roundabout, whereas Alternative 2 does not. Thus, Alternative 2 has the least amount of overall travel time on both corridors.
- Safety: Improved safety (over existing conditions and the other alternatives) is one of the primary reasons why the roundabout combination in Alternative 2 is favored. Roundabouts reduce crash severity by eliminating right-angle conflicts, which are the crash type most responsible for fatalities at signalized intersections. Roundabouts are one of FHWA's proven safety countermeasures because they can promote lower speeds, calm traffic, and lead to improved operational performance. Furthermore, the signal at Old Auburn Road/Wachtel Way in Alternative 3 presented safety concerns related to the skewed intersection configuration. It was anticipated that the northbound Wachtel Way to westbound Old Auburn Road left turn movement would present challenges similar to what the City has experienced at the Old Auburn Road/Fair Oaks Boulevard intersection.

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# Appendix A: Existing Conditions Analysis

FEHR PEERS

# Memorandum

Date: January 22, 2025

To: Pamela Dalcin-Walling, PE, QSD/P, Dokken Engineering

From: John Gard, PE, and Mari Ramones, Fehr & Peers

**Subject: Existing Conditions Analysis for the Citrus Heights Gateway Activation Project**

*SA24-0281*

# Introduction

## Project Background

This project will transform Old Auburn Road between the Roseville/Citrus Heights border and Orielle Creek Road (0.55 miles to the west) into a Complete Streets corridor. It would extend multi-modal connections through the corridor to connect with existing and planned improvements to the west and east, addressing documented safety issues. Additionally, the project would make improvements to 0.6 miles of Wachtel Way south of Old Auburn Road for similar purposes and benefits.

## Study Area and Time Periods

**Figure 1** shows the study area including the four study intersections. Morning (7:00 to 9:00 a.m.) and evening (3:00 to 6:00 p.m.) peak period traffic counts were collected at the following four intersections on Wednesday, October 30, 2024.

1. Old Auburn Road/Argo Drive
2. Old Auburn Road/Oakwood Hills Circle W
3. Old Auburn Road/Wachtel Way
4. Old Auburn Road/Oakwood Hills Circle E/Linda Creek Ct

Schools were in session, weather conditions were sunny, and typical traffic conditions were observed at the time of the counts. **Appendix A** provides the traffic count data sheets.

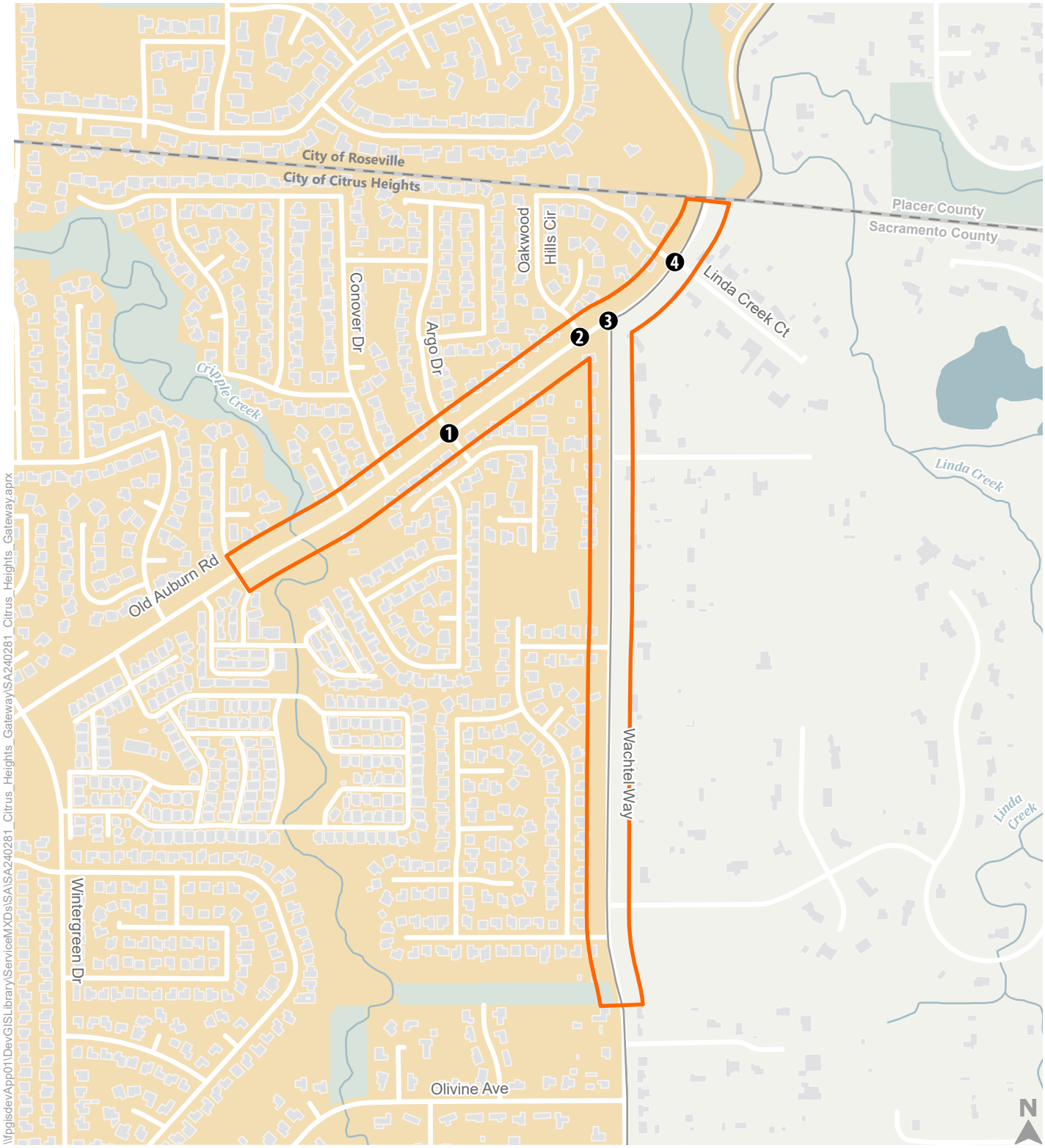



Figure 1

## Study Area

# Existing Conditions

## Existing Roadway Network

The following are descriptions of the primary roadways in the vicinity of the project:

- **Old Auburn Road** is a two-lane east/west major collector, as shown in the City of Citrus Heights General Plan Circulation Map. The two lanes are divided by a Two-Way-Left-Turn-Lane (TWLTL) west of Argo Drive and divided by a striped centerline east of Argo Drive. Old Auburn Road serves a variety of residential and commercial land uses. Within the project vicinity, it has a westbound posted speed limit of 35 miles per hour (mph) east of Wachtel Way, and 40 mph west of Wachtel Way. Eastbound, the posted speed limit is 40 mph throughout the study corridor.
- **Wachtel Way** is a two-lane north/south major collector as per the City of Citrus Heights General Plan Circulation Map. It extends from Old Auburn Road to Oak Avenue, where it becomes Kenneth Avenue. Wachtel Way has a posted speed limit of 35 mph.

Based on a traffic survey collected in September 2021, the existing 85$^{th}$ percentile speed along the section of Old Auburn Road 1200' west of Wachtel Way was 45 mph in the eastbound direction, and 46 mph in the westbound direction. The posted speed liming along this section of the corridor is 40 mph. A speed survey collected in March 2017 determined that the existing 85$^{th}$ percentile speed along Wachtel Way north of Chris Lane was 40 mph in the northbound and southbound directions. The posted speed limit along this section of the corridor is 35 mph.

## Existing Bicycle and Pedestrian Network

**Figure 2** shows existing bicycle facilities in the study area. As shown, there are Class II Bike Lanes in the study area. Class II Bike Lanes are established along streets to provide a restricted right-of-way designated for the use of bicycles with a striped lane, pavement markings, and signage. Some bike lanes may have striped buffers to add additional space between cyclists and cars, increasing separation from motor vehicles for added bicyclist comfort. Vehicle/pedestrian crossflow may occur at driveways and also where right-turn lanes are developed approaching intersections. Within the study area, Class II bike lanes exist on both sides of Old Auburn Road from Wintergreen Drive to Linda Creek Court. Class II bike lanes with a buffer exist on both sides of Wachtel Way to Pitalo Way, and on the east side of Wachtel Way south of Pitato Way.

Within the study area, sidewalks are present but discontinuous on Old Auburn Road. **Figure 3** shows existing pedestrian facilities in the study area. Continuous sidewalks are present on the north side of Old Auburn Road from Robert Creek Court to about 400 feet east of Argo Drive. This segment of sidewalk connects to the existing shared-use bike/pedestrian trail located west of

Robert Creek Court. Though other sidewalk segments exist along Old Auburn Road and Wachtel Way, they are discontinuous. See Figure 3 for mapped sidewalks along the corridor. There is a marked crosswalk on the west leg of the Old Auburn Road/Wachtel Way intersection which connects only to the Class II buffered bike lane on Wachtel Way, and not to any sidewalks.

During the AM and PM peak hours, pedestrian and bicycle activity was modest at all intersections (i.e. 8 or less pedestrian crossings per hour and 8 or less bicyclists per hour). Field observations revealed some pedestrians walking or running on either side of Old Auburn Road to turn onto Wachtel Way. Some of these movements were likely associated with the connection to the Arcade-Cripple Creek Trail on Wachtel Way.

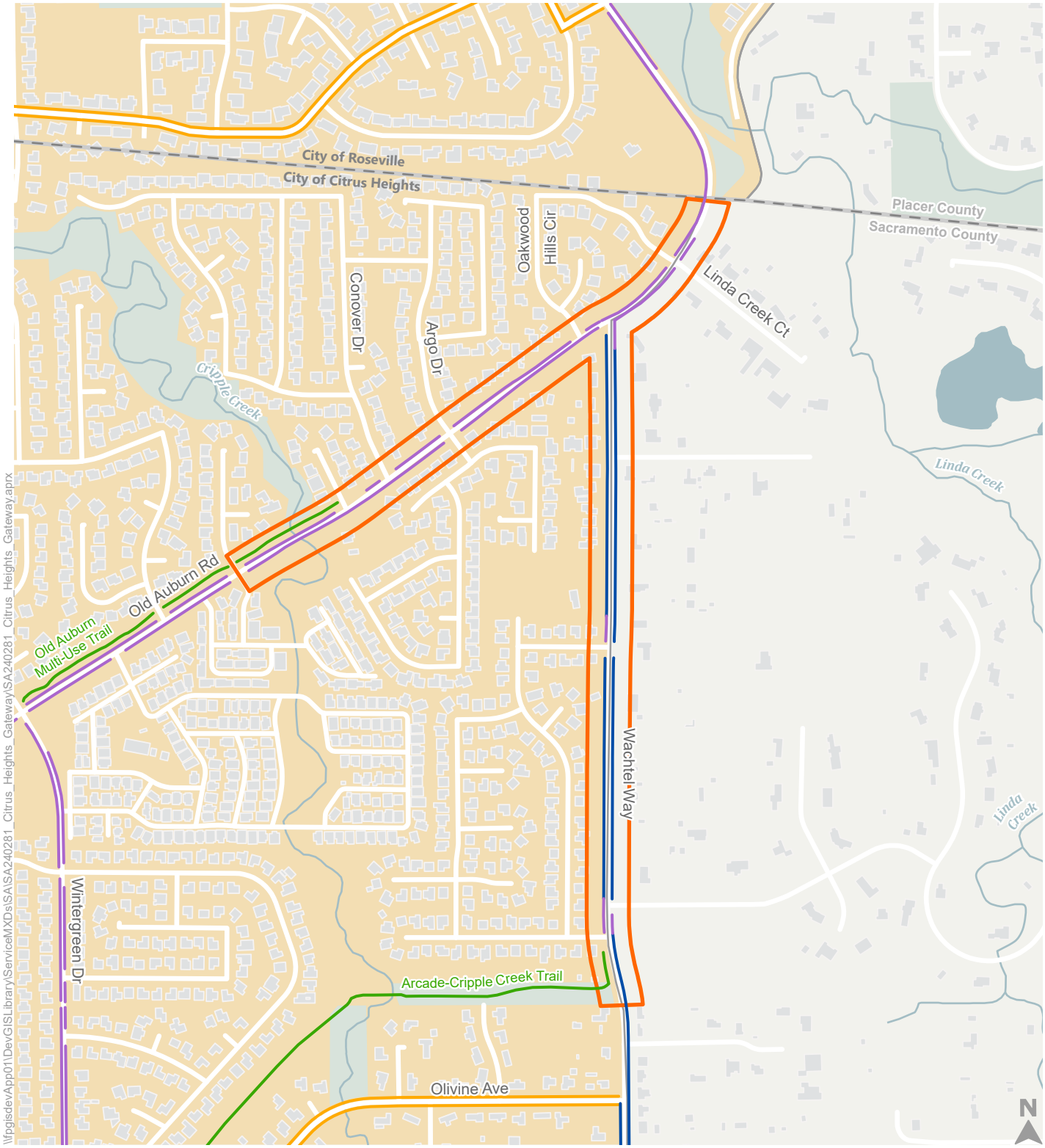



Figure 2

## Existing Bicycle Facilities

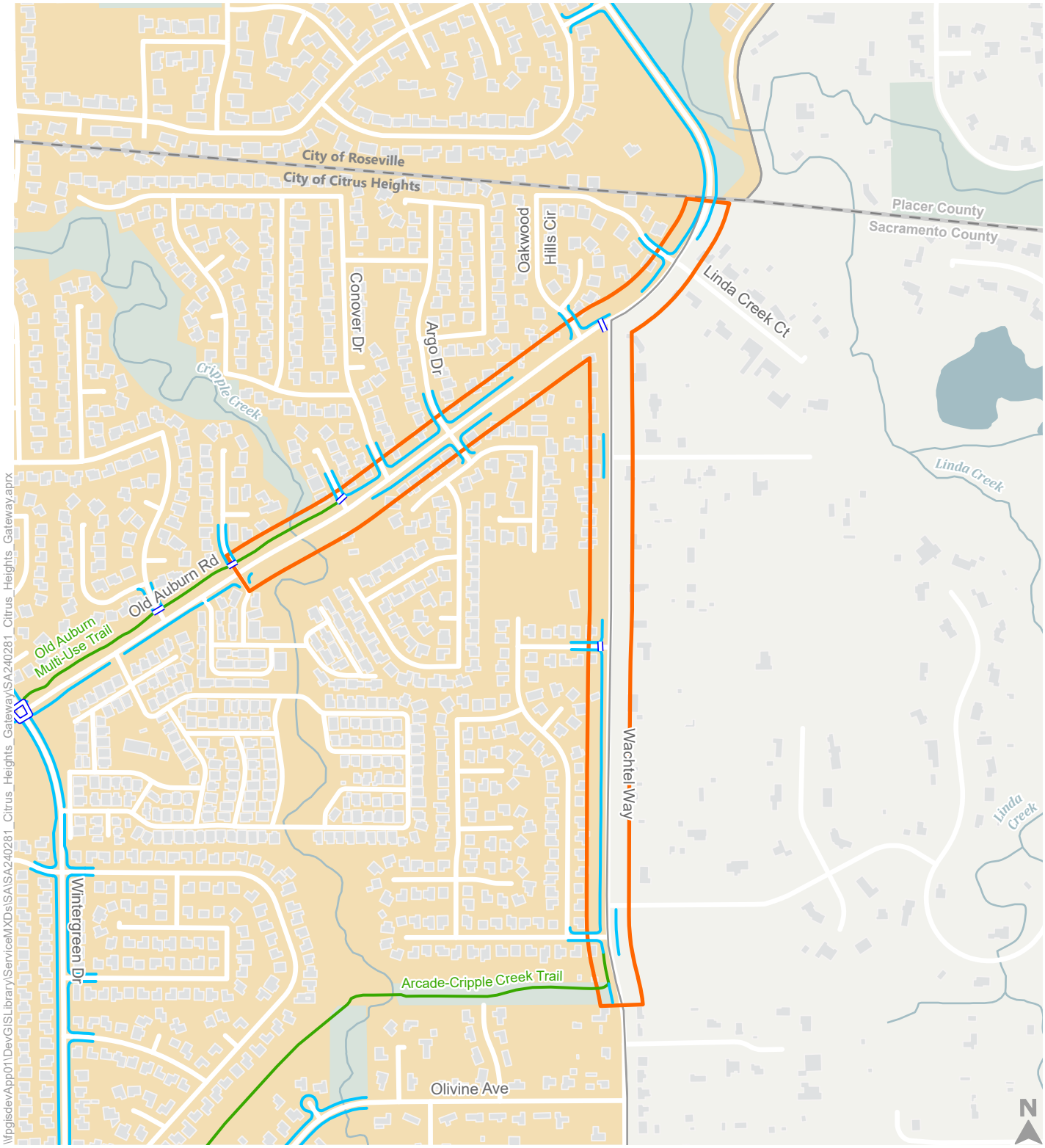



Figure 3

## Existing Pedestrian Facilities

## Existing Transit Facilities and Services

While there are no transit facilities and services directly serving the study area, Roseville Transit and Sacramento Regional Transit (SacRT) operate a few fixed-route bus lines near the study area.

Roseville Transit operates Routes C and F with a stop on S Cirby Way past Rimna Way, approximately 0.56 miles from the Old Auburn Road/Oakwood Hills Circle E/Linda Creek Ct intersection. Both routes have two-hour headways Monday-Friday, departing as early as 6:20 a.m. until 6:43 p.m.

SacRT operates Line 21 with the closest stop to the study area at the Old Auburn Road/Sunrise Boulevard intersection, which is about 1.53 miles away from the Old Auburn Road/Argo Drive intersection. This route operates with 30-minute headways on Monday-Friday, and hour-long headways on the weekend.

Additionally, SacRT operates a program called SacRT Flex, which is a limited-service neighborhood shuttle for a limited group of qualified riders, including seniors (age 62+), low-income individuals, and persons with disabilities. The program serves 9 zones in the Sacramento area, including within the study area up to the City of Citrus Heights boundary. The program operates Monday through Friday between 7 a.m. to 7 p.m., excluding holidays.

## Traffic Data Collection

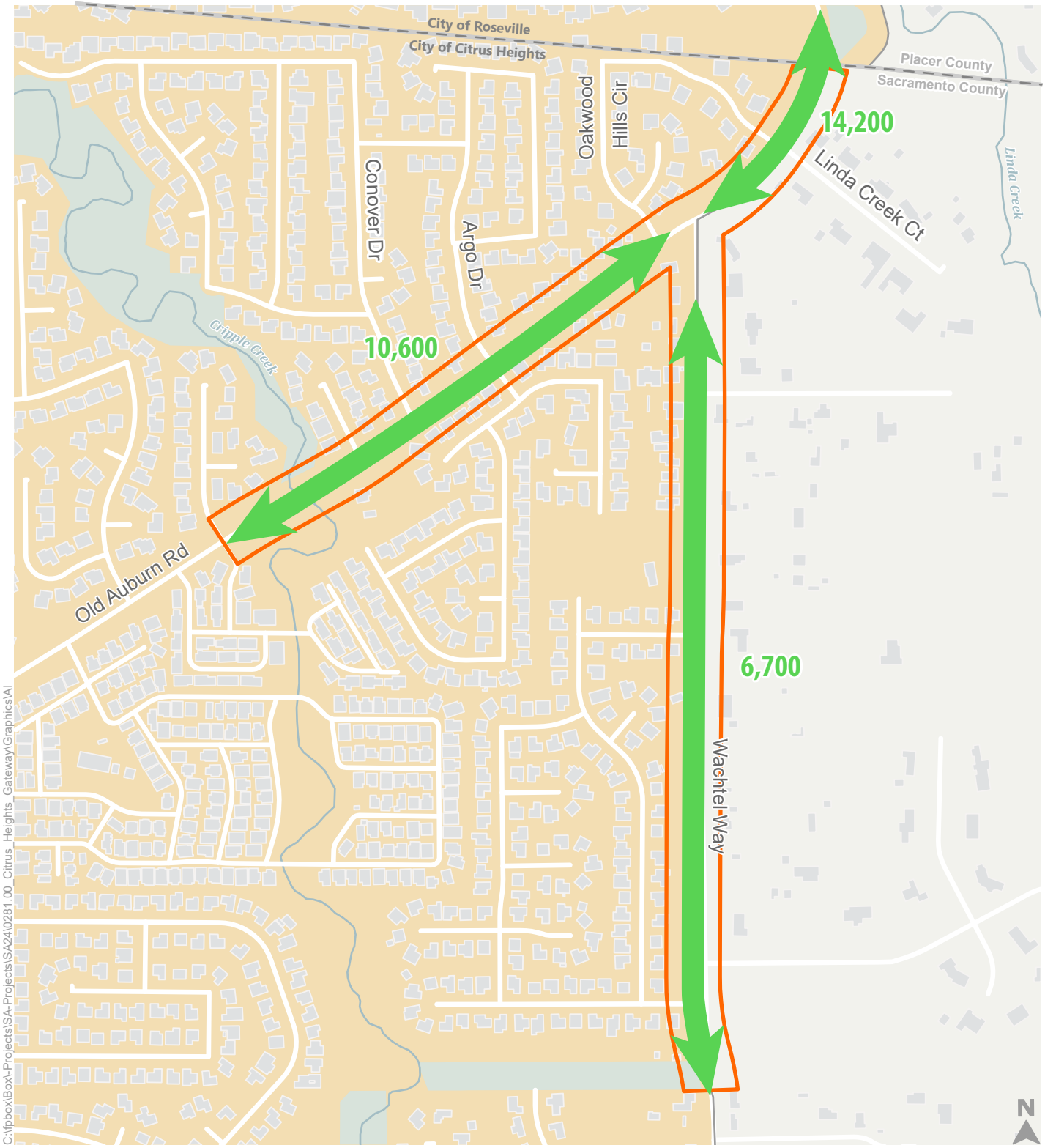
All counts at the four study intersections included vehicle turning movements, heavy vehicles, bicyclists, and pedestrians. Two-day roadway segment traffic counts, including vehicle classification, were collected at the following two segments in the study area on Tuesday, October 29, 2024, and Wednesday, October 30, 2024:

1. Old Auburn Road west of Wachtel Way
2. Wachtel Way south of Old Auburn Road

**Table 1** displays the AM peak hour, PM peak hour, and daily volumes for each segment**. Figure 4** shows the average daily traffic at the study area segments. The AM peak hour occurred from 7:30 to 8:30 a.m., and the PM peak hour occurred from 4 to 5 p.m. The peak direction was vehicles traveling eastbound and westbound on Old Auburn Road. Key findings from this figure and table are:

1. The Wednesday count was about 2 to 3% busier than the Tuesday count.
2. Through a process of factoring up existing AM and PM peak hour segment volumes (to daily), the estimated ADT is 14,200 vehicles on Old Auburn Road east of Wachtel Way. As the volume on Old Auburn Road drops precipitously west of Wachtel Way, this indicates that a considerable number of vehicles at the City of Citrus Heights/Roseville border

originate or are destined to/from the south on Wachtel Way (toward unincorporated Sacramento County).




Study Corridor
City Limits
County Limits
Parks and Open Space

X,XXX

Average AM/PM Daily Traffic Volume

Notes: Volumes represent two-way traffic totals and are rounded to the nearest 100. Counts were conducted on Tuesday October 29, 2024 and Wednesday, October 30, 2024.

Volumes on Old Auburn Rd at City of RS/CH Limit is estimated using a k-factor of daily to AM and PM peak period counts from the two counted locations.

Figure 4

## Average Daily Traffic Volumes (ADT) - Existing Conditions

**Table 1: Roadway Segment Traffic Volumes – Existing Conditions**

| Roadway Segment | Day 1 / Day 2 | | |
|---|---|---|---|
| | AM Peak Hour | PM Peak Hour | Daily |
| Old Auburn Road west of Wachtel Way | 941 / 838 | 890 / 914 | 10,451 / 10,733 |
| Wachtel Way south of Old Auburn Road | 565 / 565 | 593 / 617 | 6,666 / 6,795 |

Notes: All roadway segment traffic volumes summarized are two-way total volumes.
Traffic counts were performed on Tuesday, October 29, 2024, and Wednesday, October 30, 2024.
Source: Fehr & Peers, 2025.

## Intersection Operations

This study analyzes traffic operations using delay and LOS as primary measures of intersection performance. Automobile LOS is a qualitative description of traffic flow from the perspective of motorists. The *Highway Capacity Manual (HCM) 7th Edition* (Transportation Research Board, 2022) defines six levels of service from LOS A representing the least congested traffic conditions to LOS F representing the most congested traffic conditions. These grades represent the perspective of drivers and are an indication of the comfort and convenience associated with driving, as well as speed, travel time, traffic interruptions, and freedom to maneuver.

Intersection LOS at signalized and all-way stop controlled intersections and roundabouts is based on the weighted average control delay measured in seconds per vehicle for all motorists traveling through the intersection. For side-street stop-controlled intersections, this study reports the average control delay for the lane group or movement with the greatest delay, and for the intersection as a whole.

**Table 2** presents the control delay range for each LOS for signalized and unsignalized intersections. As shown, the delay ranges for signalized intersections are different from unsignalized intersections. The *HCM* anticipates that motorists expect signalized intersections to carry higher traffic volumes that result in greater delay than at an unsignalized intersection and roundabout. Unsignalized intersections are associated with more uncertainty as delays are less predictable, which can reduce users' delay tolerance.

**Table 2: Level of Service Definitions – Intersections**

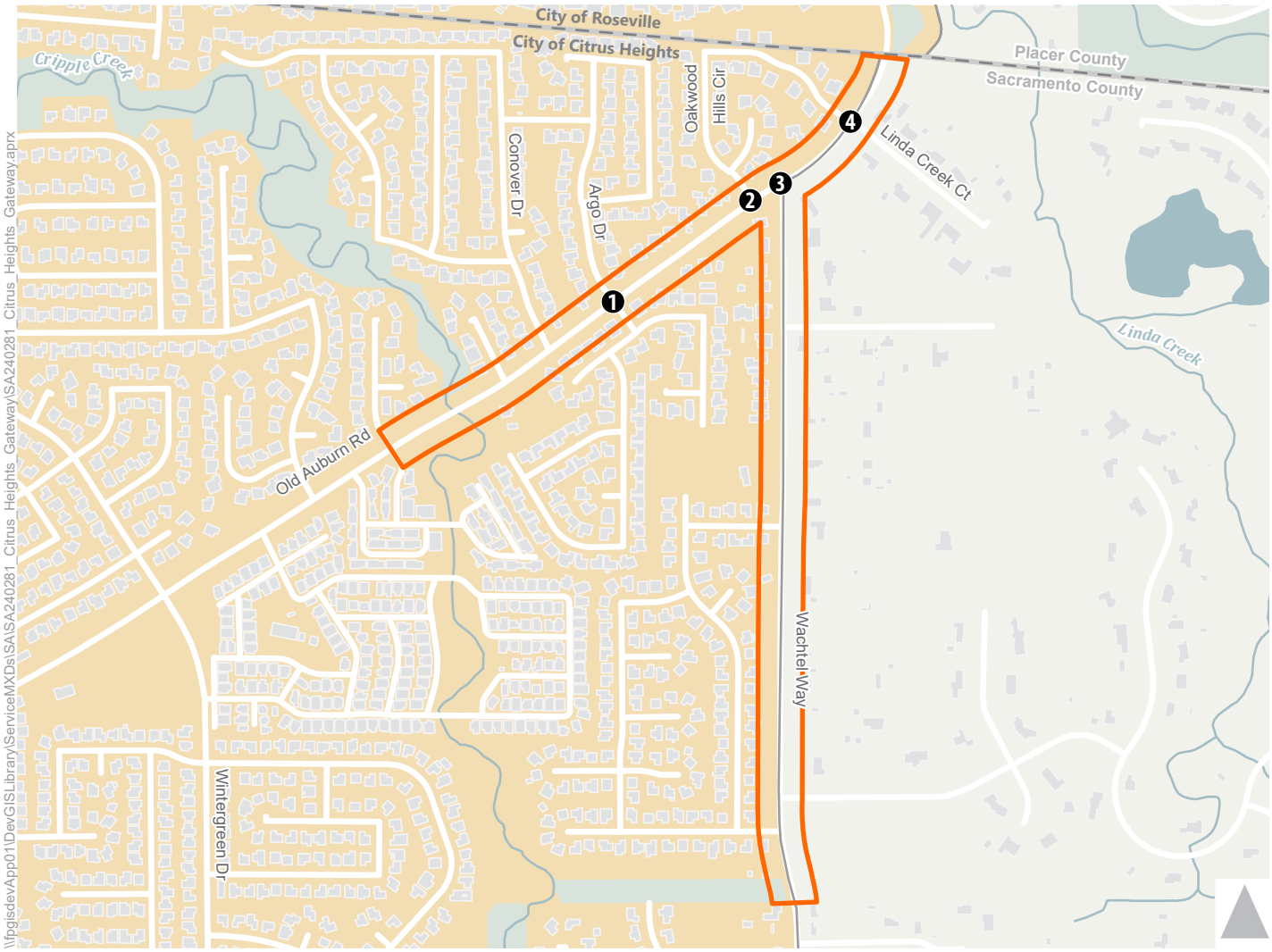
| Level of Service | Average Control Delay[1] | |
|---|---|---|
| | Signalized Intersections | Unsignalized Intersections and Roundabouts |
| A | ≤ 10 | ≤ 10 |
| B | >10 to 20 | >10 to 15 |
| C | >20 to 35 | >15 to 25 |
| D | >35 to 55 | >25 to 35 |
| E | >55 to 80 | >35 to 50 |
| F | >80 | >50 |

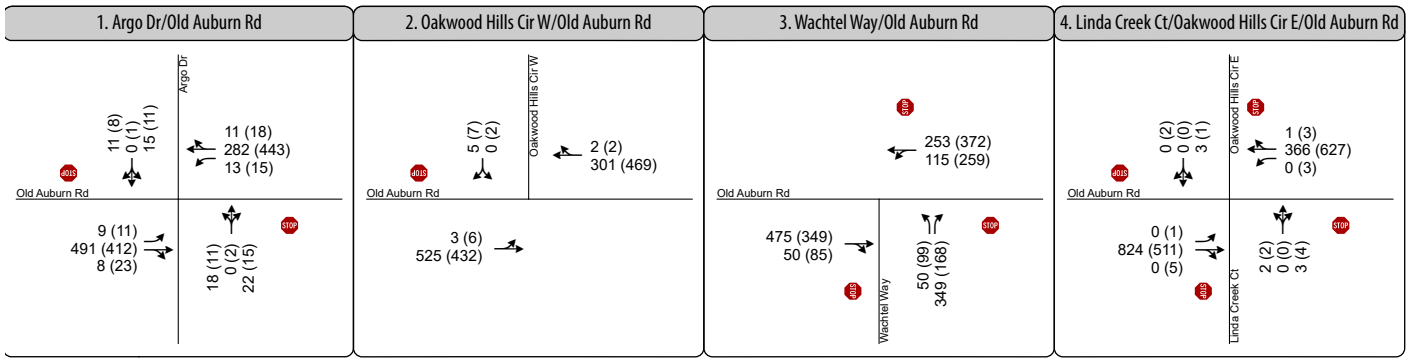
Notes:
1. Average control delay presented in seconds per vehicle. Delay values are rounded to the nearest second and evaluated for LOS based on the above thresholds (i.e., 10 seconds per vehicle = LOS A)
Source: *Highway Capacity Manual 7th Edition*, Transportation Research Board, 2022.

Study intersections are analyzed using Synchro's SimTraffic micro-simulation module to apply the methodologies presented in the *HCM*. Synchro considers traffic volumes, lane configurations, signal timings, and other parameters. SimTraffic additionally considers interactions between adjacent intersections, turn lane spillbacks, coordinated signal timing, and upstream/downstream bottlenecks. SimTraffic is preferable to use when operating conditions are near capacity, turn lane storage exceedance is common, and/or intersections are spaced closely together. In this study, given the above guidance, SimTraffic was used to analyze all study intersections (where vehicle queuing is of particular concern). The Sidra software program is used to analyze roundabouts, if proposed as part of a project alternative.

The system peak hours of the study intersections on Old Auburn Road occurred from 7:30 to 8:30 a.m. and 4 to 5 p.m. Trucks, as defined by the Highway Capacity Manual and its existing national truck classifications, represented about 1% of traffic on Old Auburn Road during the morning and evening peak hours. **Figure 5** presents the existing weekday a.m. and p.m. peak hour traffic volume, lane configurations, and traffic control devices at the study intersections. On the busiest section (Old Auburn Road east of Wachtel Way), nearly 70% of AM peak hour traffic is headed eastbound (into Roseville) while 55% of PM peak hour traffic is headed westbound.

**Table 3** displays peak hour intersection operations under existing conditions. See **Appendix B** for technical calculations.




- Study Intersection
- Study Corridor
- City Limits
- County Limits
- Parks and Open Space
- Turn Lane
- AM (PM) Peak Hour Traffic Volume
- Traffic Signal
- Stop Sign

Figure 5

## Peak Hour Traffic Volumes and Lane Configurations - Existing Conditions

**Table 3: Peak Hour Level of Service – Existing Conditions**

| | Intersection | Control | Delay/LOS (Worst Movement)[1] | |
|---|---|---|---|---|
| | | | AM Peak Hour | PM Peak Hour |
| 1. | Old Auburn Road/Argo Drive | SSSC | 4 (24 SBT) / A (C) | 3 (11 NBT) / A (B) |
| 2. | Old Auburn Road/Oakwood Hills Circle W | SSSC | **54 (83 EBT) / F (F)** | 5 (46 (SBL) / A (E) |
| 3. | Old Auburn Road/Wachtel Way | AWSC | **56 / F** | 38 / E |
| 4. | Old Auburn Road/Oakwood Hills Circle E/Linda Creek Ct | AWSC | 14 / B | **75 / F** |

Notes: SSSC = Side-Street Stop Controlled. AWSC = All-Way Stop-Controlled
[1] For side-street stop controlled and uncontrolled intersections, level of service and delay for the worst movement are reported with the movement listed in parentheses. Delay is reported in seconds per vehicle.
**Bolded numbers indicate deficient operations per City of Citrus Heights General Plan policy.**
Source: Fehr & Peers, 2025.

Per the City of Citrus Heights General Plan Policy 29.2, the City will strive to achieve LOS E or better conditions for City roadways and intersections during peak hours. As shown, the study intersections do not operate acceptably during the AM and PM peak hours. It should be noted that this policy provides an exception to the LOS E standard for certain roadways (and intersections along them) including Old Auburn Road from Sylvan Road to Fair Oaks Boulevard. Since the study area does not extend that far westerly, an LOS E standard applies for all study facilities. Key findings from Table 3 are as follows:

AM Peak Hour:

1. The all-way stop Old Auburn Road/Wachtel Way intersection operates at LOS F. The eastbound queue spills back through intersection #2 (Oakwood Hills Circle W) causing it to also operate at LOS F.

PM Peak Hour:

1. The all-way stop Old Auburn Road/Wachtel Way intersection operates at LOS E. The westbound queue spills back through the all-way intersection #4 (Oakwood Hills Circle E/Linda Creek Ct) causing it to operate at LOS F.[1]

[1] LOS F operations during the PM peak hour at intersection 4 are not due to the volume of major street versus side street traffic. Rather, it is due to westbound queues spill back from the stop sign at Wachtel Way into this intersection. In reality, capacity constraints at the Old Auburn Road/Wachtel Way intersection are the reason why intersection #4 operates unacceptably.

## Vehicle Queuing

**Table 4** identifies the maximum queue lengths based on SimTraffic results for critical movements at the study intersections. SimTraffic reported queues were compared to observed queues on the day of the counts to ensure the simulation model is accurately representing existing conditions. Refer to Appendix B for technical calculations.

**Table 4: Maximum Vehicle Queues – Existing Conditions**

| | Intersection | Control | Movement | Available Storage (ft)[2] | Maximum Queue (ft)[1] | |
|---|---|---|---|---|---|---|
| | | | | | AM Peak Hour | PM Peak Hour |
| 1. | Old Auburn Road/Argo Drive | SSSC | EBL | 300 | 50 | 50 |
| | | | EBT | 300 | 75 | - |
| 2. | Old Auburn Road/Oakwood Hills Circle W | SSSC | EB L/T | 700 | 700 | 200 |
| | | | WBT | 100 | **125** | 25 |
| | | | SB Shared | 115 | 50 | 50 |
| 3. | Old Auburn Road/Wachtel Way | AWSC | EBT | 90 | **850** | 300 |
| | | | WB L/T | 350 | 175 | **375** |
| | | | NBL | 600 | 275 | 275 |
| | | | NBR[3] | 100 | 125 | 100 |
| 4. | Old Auburn Road/Oakwood Hills Circle E/Linda Creek Ct | AWSC | EBT | 350 | 150 | 125 |
| | | | WBT | 1,370 | 125 | 1,150[4] |

Notes:
[1] Results based on SimTraffic. Maximum queue lengths are rounded to nearest 25 feet. All queues are expressed on a "per lane" basis or approach as noted. Includes vehicles that may queue in the taper length of a turn pocket.
[2] Available storage lengths based on review of aerial imagery. Distance is either length of turn lane or distance to nearest upstream intersection.
[3] Existing lane configuration is a shared northbound LT/RT lane. For purposes of the simulation, a small right turn pocket was added to better model vehicle queuing conditions.
[4] Analysis is based on 1.0 PHF (per City TIS guidelines), which by definition reports LOS/queuing for an hourly condition and can miss any spikes in travel demand within the peak hour that often cause the worst-case queue.
**Bolded text** represents a queue that extends past the nearest upstream intersection.

During the field visit, westbound queues on Old Auburn Road during the PM peak hour occasionally extended past Lund Drive (see **Image 1**).



**Image 1: View of queued vehicles on westbound Old Auburn Road spilling back from Oakwood Hills Circle E to Lund Drive and beyond (PM peak hour).**

**Image 2** is a screenshot from the SimTraffic simulation showing the WB queue during the PM peak hour, extending back past the Lund Drive intersection.

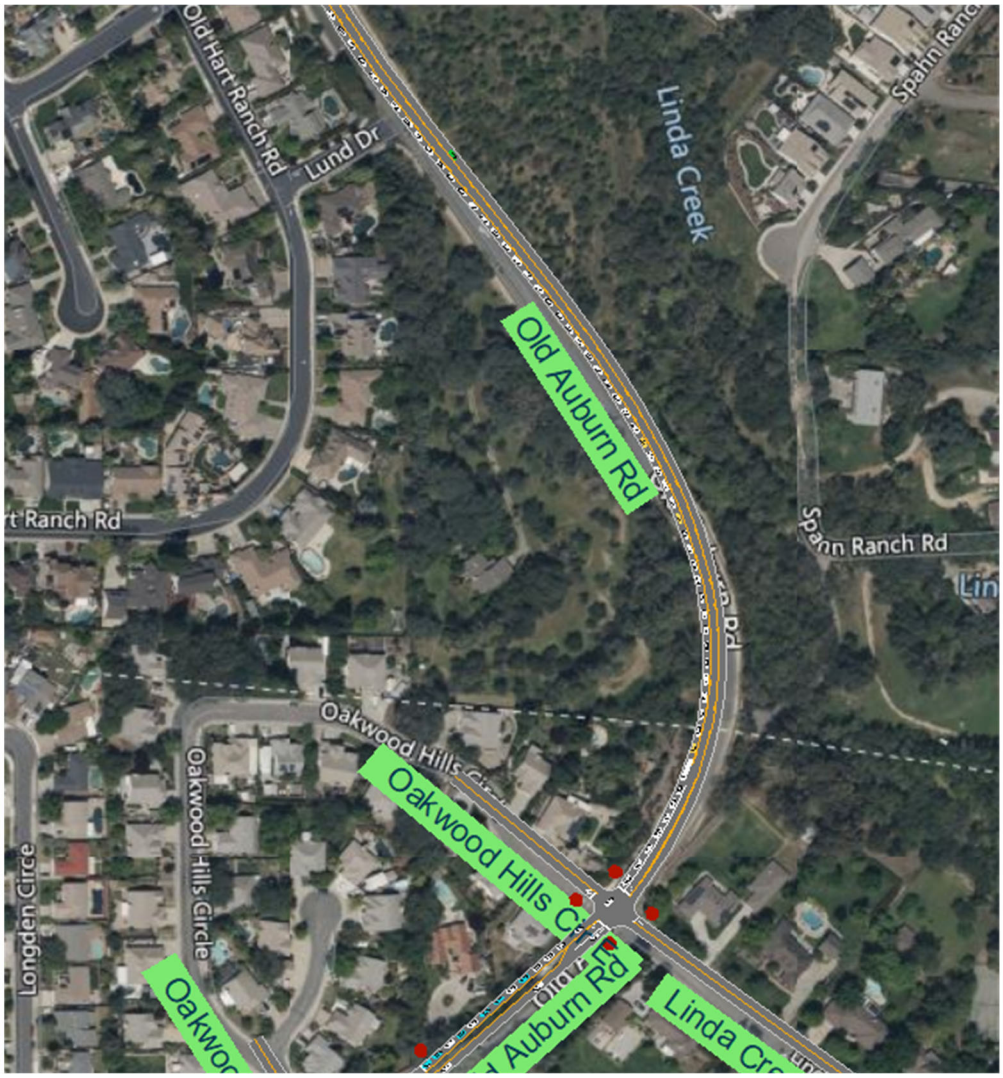



**Image 2: SimTraffic screenshot of queued vehicles on westbound Old Auburn Road approaching Oakwood Hills Circle E (PM peak hour)**

As displayed in Table 4, queuing is minimal on the side street approaches at the study intersections. During the AM peak hour, the eastbound approach sees significant queuing at intersections 2 and 3. The eastbound queue extends back from the Old Auburn Road/Wachtel Way intersection to past the Old Auburn Road/Argo Drive intersection, as shown in **Image 3** below.



**Image 3: View of queued vehicles on eastbound Old Auburn Road approaching Wachtel Way (AM peak hour).**

During the PM peak hour, queuing was observed for the westbound approach at the Old Auburn Road/Oakwood Hills Circle E/Linda Creek Court, and Old Auburn Road/Wachtel Way intersections. During the field observations, it was noted that the westbound queue sometimes extended from the Old Auburn Road/Oakwood Hills Circle E/Linda Creek Court intersection back to the Old Auburn Road/Cirby Way intersection, a distance of about 1,600 feet. **Image 4** below shows westbound queuing during the PM peak hour along Old Auburn Road, east of Oakwood Hills Circle E/Linda Creek Court.



**Image 4: View of queued vehicles on westbound Old Auburn Road approaching Oakwood Hills Circle E (PM peak hour).**

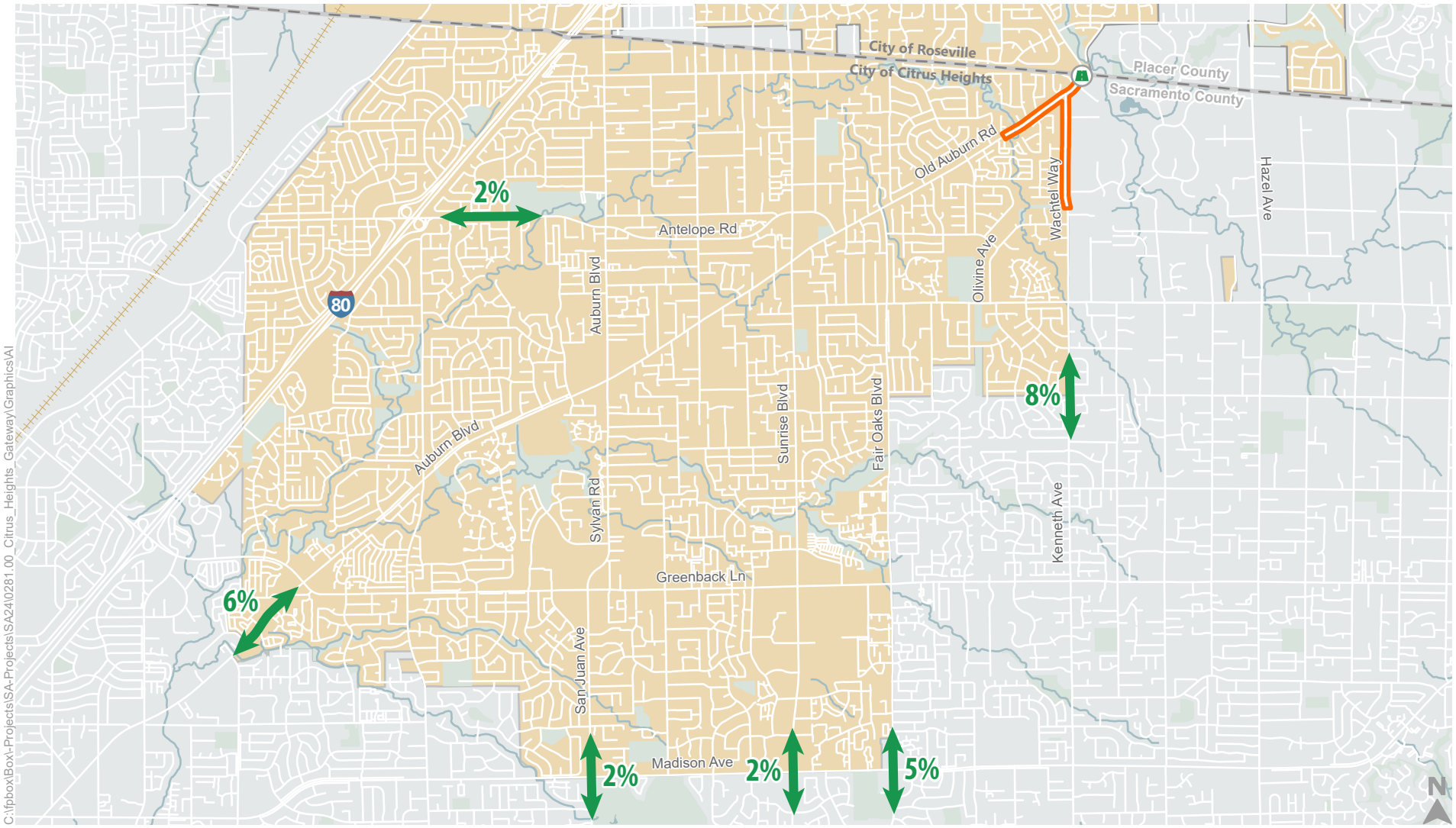
## Cut-Through Travel on Old Auburn Road

This section discusses the degree to which Old Auburn Road is being used as a cut-through route. In this context, 'cut-through' is defined as a vehicle at the Citrus Heights/Roseville border that does not have a trip origin or destination in Citrus Heights. To conduct this analysis, 'big data' was acquired from StreetLight Data.[2]

[2] Transportation Data Solutions | StreetLight Data

StreetLight Data combines connected vehicle data with machine learning algorithms to understand travel patterns across the country. Trips are created from the location records by starting a trip once a device is traveling at a reasonable speed, snapping records to road network data to create the trip route. A trip end is identified once the device remains stationary within 100 meters for over 5 minutes. Data is validated using permanent traffic counters and embedded sensors, and normalized with multiple data sources, including parcel data, digital road network data, and census information to calculate vehicle volume estimates.

**Figure 6** shows the percentage of vehicles that are traveling on Old Auburn Road at Citrus Heights/Roseville border that also travel through the Citrus Heights' southerly and westerly gateway streets into and out of Citrus Heights. As shown, about 25% of trips at the Citrus Heights/Roseville border do not stop in Citrus Heights. Preferred external gateways are: Wachtel Way (8%), Auburn Boulevard south of Greenback Lane (6%) and Sunrise Boulevard south of Madison Avenue (5%).




Study Corridor
County Limits
City Limits
Parks and Open Space

Origin-Destination Segment
X% Origin-Destination Percentage

Note: Values represent approximate percentage of trips using Old Auburn Road as a cut through route, regardless if during AM peak hour, PM peak hour, or daily conditions.

Figure 6

# Origin-Destination Analysis on Old Auburn Road

# Safety Analysis

Fehr & Peers evaluated the reported collision history within the study area based on the City of Citrus Heights Police Department records. Collisions reported between January 1, 2018, and December 31, 2023, were used for this analysis. Provisional data for 2024 collisions was available but was not included in the analysis. Collisions during this 6-year period were pulled from individual police records.

## Collision History

Between 2018 and 2023, there were 16 reported collisions along the study corridor, including 10 collisions involving injuries. One collision involved a bicyclist (resulting in a minor injury). There were no collisions involving pedestrians, and no fatal collisions along the study area.

**Table 5** displays the ranked (from most to least common) collision type within the study area. As displayed, rear end collisions are the most common collision type, followed by broadside collisions and hit object collisions. Police record descriptions identify the potential cause for the rear-end collisions was due to drivers traveling at high speeds and not recognizing the stop-and-go traffic at the intersection. The majority of broadside collisions occurred at the Old Auburn Road/Wachtel Way intersection, due to vehicles entering the intersection and failing to yield to the driver already in the intersection. Two of the three hit object collisions were due to driving under the influence (DUI). In all hit object collisions, the driver was traveling at unsafe speeds and collided with power or lighting equipment on the side of the road. It should be noted that these collisions occurred on Old Auburn Road east of Argo Drive heading eastbound. The eastbound direction of this segment features a narrowed bike lane, an open drainage channel, and multiple nearby overhead poles.

**Table 5: Type of Collision – January 1, 2018 to December 31, 2023.**

| Category | Total Collisions | % |
|---|---|---|
| Rear end | 5 | 31% |
| Broadside | 5 | 31% |
| Hit Object | 3 | 20% |
| Head-On | 1 | 6% |
| Sideswipe | 1 | 6% |
| Overturned | 1 | 6% |

Source: City of Citrus Heights Police Department records.

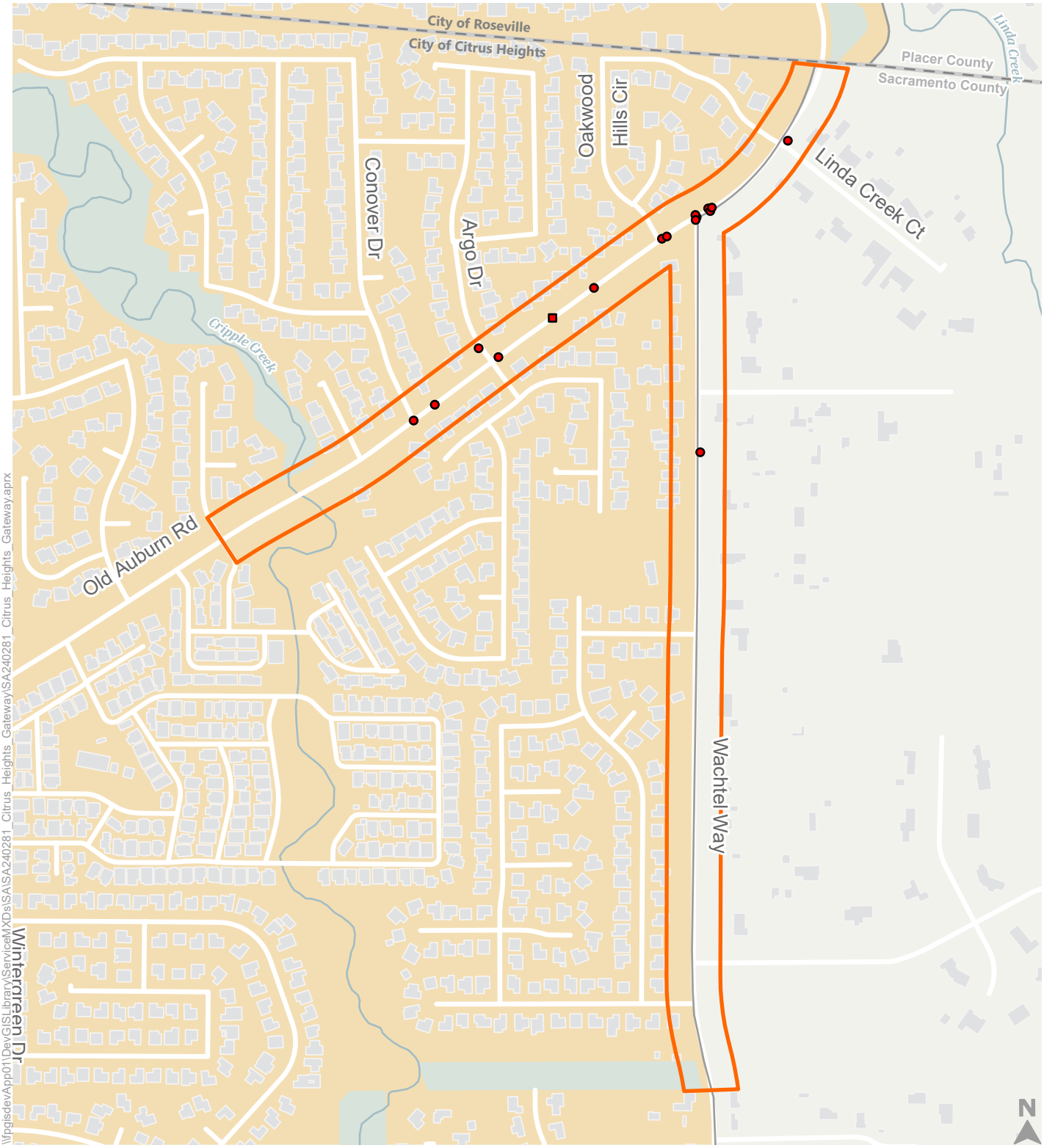
**Figure 7** displays the location of all reported collisions on the corridor during the collision analysis period. As displayed, hot spots are located at the Old Auburn Road/Wachtel Way intersection. Half of the 16 total reported collisions occurred at or near this intersection. Of these eight intersection collisions, four were broadside and four were read ends. There were seven collisions along Old Auburn Road. Of those seven collisions, four of those were located at intersections, and four were mid-block. There was one collision on Wachtel Way (located just north of Pitalo Way).

Half of all reported collisions occurred between 2:00 PM and 5:30 PM. This 3.5-hour period of the day sees about 30% of all daily traffic in the study area. Thus, the percentage of all collisions is disproportionately high during this period relative to the amount of daily traffic during this period. This time period experiences considerable congestion and stop-and-go traffic. Reports indicate that rear end collisions occurred because the driver was traveling at high speeds and failed to stop for the stopped vehicle in front, resulting in a rear end.

Of the 16 reported collisions along the study corridor, 31%, or 5 collisions, involved driving under the influence of alcohol or drugs (DUI). These collisions occurred at nighttime and at areas along the corridor with streetlights. This is a high percentage considering that Citywide, 9% of all collisions were due to DUI per the City's Local Road Safety Plan (2021).

**Table 6** lists the primary collision factor for all reported collisions in the study area during the analysis period. As shown, DUI and unsafe speed collisions were the most common. Unsafe speed collisions mainly resulted in rear ends. Automobile right of way collisions primarily resulted in

broadside collisions, and improper turning collisions resulted in sideswipe and broadside collisions.




Study Corridor
City Limits
County Limits
Parks and Open Space

Vehicle Collision
Bicycle Involved Collision

Collision data pulled from City of Citrus Heights Police Department records for the six-year period between 2018-2023.

Figure 7

## Collisions 2018-2023

**Table 6: Primary Collision Factor – January 1, 2018 to December 31, 2023.**

| Primary Collision Factor (PCF) | Total Collisions | % |
|---|---|---|
| Driving Under Influence (DUI) | 5 | 31% |
| Unsafe Speed | 5 | 31% |
| Automobile Right of Way | 4 | 25% |
| Improper Turning | 2 | 13% |

Source: City of Citrus Heights Police Department records.

**Table 7** shows the lighting conditions for all the reported collisions. As shown, half of the 16 total collisions occurred during daylight, 38% occurred in the dark with streetlights, and the rest occurred in the dark or at dusk. This shows that most collisions in the study area are not caused by a lack of lighting, but because of a lack of clear recovery zone and driver awareness.

**Table 7: Lighting Conditions – January 1, 2018 to December 31, 2023.**

| Lighting | Total Collisions | % |
|---|---|---|
| Daylight | 8 | 50% |
| Dark – Streetlights | 6 | 38% |
| Dark – No Streetlights | 1 | 6% |
| Dusk/Dawn | 1 | 6% |

Source: City of Citrus Heights Police Department records.

The City of Citrus Heights Local Roadway Safety Plan (LRSP) (2021) identifies two recommendations related to bike and pedestrian safety in the study area. Within the LRSP is an excerpt from the *Safe Routes to School Master Plan Report*, Citrus Heights (2014), from which there are two recommendations related to bike facilities in the study area. The first one is to install 5' or 6' Class II bike lanes or a Class I bike path on Old Auburn Road to improve bike access to the Woodside K-8 school. A westbound Class I bike path exists on Old Auburn Road from Robert

Creek Court to Garry Oak Drive. An extension of the bike path east to the City of Citrus Heights / City of Roseville border would improve connectivity for residents in the study area. The second recommendation is to improve bicyclist crossings of Old Auburn Road at key cross streets such as Wintergreen Drive, Fair Oaks Boulevard, and Wachtel Way. The recommendation lists potential improvements at the intersections like colored pavement, wayfinding and signage, and pavement markings to improve bike access to Woodside K-8 and bike/pedestrian safety at controlled intersections.

# Citrus Heights - Gateway Activation Project

Community Meeting Summary

## Introduction

On Tuesday, April 29, 2025, the City of Citrus Heights hosted a kickoff Community Meeting for the Gateway Activation Project (GAP). The event was held from 5:30 to 7:00 p.m. at the Big Oak Senior Mobile Home Park. More than 48 community members participated in the meeting.



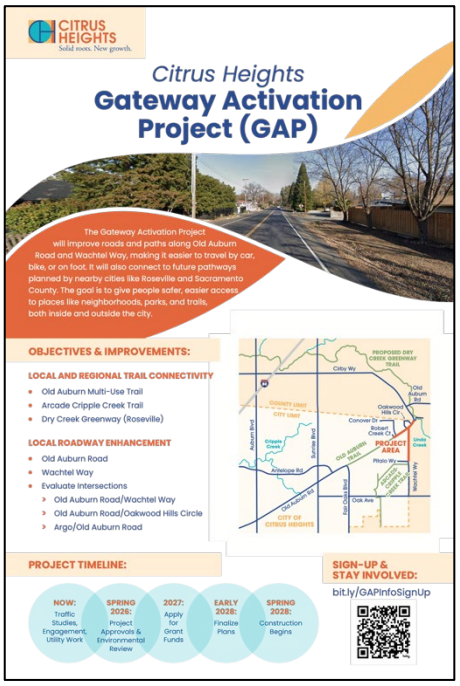

## Background

The GAP is focused on implementing multimodal and roadway enhancements along Old Auburn Road and Wachtel Way. These improvements will link to existing transportation infrastructure and support future connections with projects proposed by neighboring jurisdictions, including the City of Roseville and Sacramento County.

The primary goal is to deliver solutions that improve safety, expand access and mobility for all users, and enhance traffic operations. The project seeks to provide safe, convenient, and accessible routes to key destinations such as neighborhoods, parks, open spaces, residences, and trail networks—both within Citrus Heights and beyond city limits.

The proposed objectives of the GAP include:

- Extending multimodal facilities on Old Auburn Road to the city's northern boundary
- Extending multimodal facilities on Wachtel Way to its intersection with Old Auburn Road
- Upgrading intersections at Old Auburn Road/Wachtel Way and Old Auburn Road/Oakwood Hills Circle (potential enhancements include roundabouts or traffic signal improvements)
- Improving pedestrian safety and crossings at Old Auburn Road and Argo Drive




*Factsheet Board*

## Meeting Purpose and Objectives

This workshop marked the official launch of the GAP. It served to introduce the project, present the design team, and gather community input, especially from nearby property owners, on early design concepts at three key intersections.

The specific objectives of the meeting were to:

- Introduce the public outreach process and increase awareness of the project's goals, scope, timeline, and potential funding opportunities

- Engage a diverse cross-section of community members to collect valuable input on traffic analysis and preliminary design concepts
- Gather feedback on proposed safety features, such as roundabouts and protected intersections

## Meeting Format

The meeting was held in the multipurpose room at the Big Oak Senior Mobile Home Park. The event began with a presentation by Katie DeMaio, Community Engagement Specialist from AIM; Casey Kempenaar, Community Development Director with the City of Citrus Heights; Mari Ramones from Fehr & Peers and Pamela Dalcin-Walling, Project Manager from Dokken Engineering. Following the presentation, an open house session allowed attendees to speak directly with staff from AIM, Dokken, Fehr & Peers, and the City of Citrus Heights.

Informational exhibits, including intersection treatments and maps of the project corridor, were on display for review and comment. Interactive boards and feedback forms invited attendees to share input on their place of residence, preferred trail crossings, and top project priorities.

## Presentation

Below is an overview of the workshop presentation. The full presentation is available in Appendix A.



*Casey Kempenaar presenting to community members*

After attendees were welcomed and seated, Katie from AIM Consulting opened the event by thanking everyone for joining the project team and emphasizing the value of community feedback. She provided a brief overview of the evening's agenda before turning the presentation over to the project team.

Casey Kempenaar began by outlining the significance of the GAP for the City, highlighting its role in enhancing community connections, improving quality-of-life amenities, and fostering local partnerships. He explained the project's two main goals: strengthening local and regional trail connections—including the Old Auburn Multi-Use Trail, Arcade Cripple Creek Trail, and Dry Creek Greenway—and improving roadway conditions and key intersections along Old Auburn Road and Wachtel Way.

Next, Mari Ramones discussed current traffic conditions, including daily volumes, cut-through traffic, and vehicle queuing. She also shared that the team is evaluating existing bicycle and pedestrian facilities for improvements and invited participants to view a traffic simulation during the open house session.

Project Manager Pamela Dalcin-Walling followed with an overview of the project's engineering aspects. She explained that the plan includes connecting existing and future Class I trails, requiring a crossing at Argo Drive,

Wachtel Way, or Oakwood Hills Circle East. A new bicycle/pedestrian crossing is also proposed on Old Auburn Road at Argo Drive, alongside traffic improvements at major intersections.

Pamela then explored possible designs for the Argo Drive pedestrian crossing, such as a Pedestrian Hybrid Beacon and a Roundabout, as well as potential traffic solutions, including new signals or roundabouts at the Wachtel Way and Oakwood Hills Circle intersections.

To conclude the presentation, Katie returned to reaffirm the ongoing nature of public outreach and planning. She encouraged community members to share their feedback at the information boards and thanked everyone for participating.




**Stations and Board Exhibits**

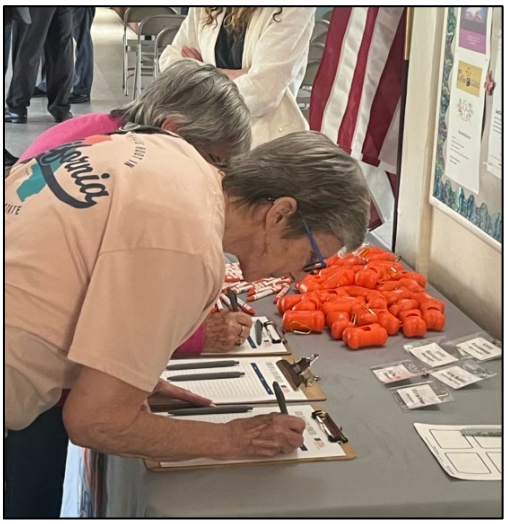
Below is an overview of the stations and board exhibits presented at the event.

**Welcome Station**

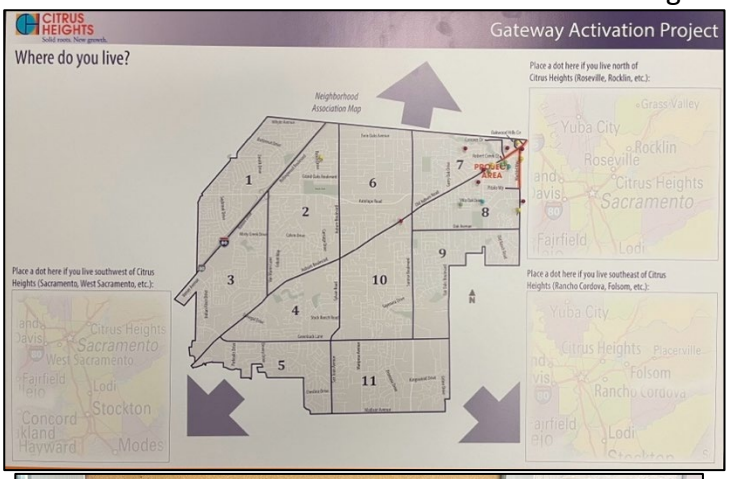
Upon arrival at the workshop, community members were welcomed and invited to sign up with their contact information to receive future project updates and event notifications. A total of 42 community members signed up. They were also offered free giveaway items provided by the City.

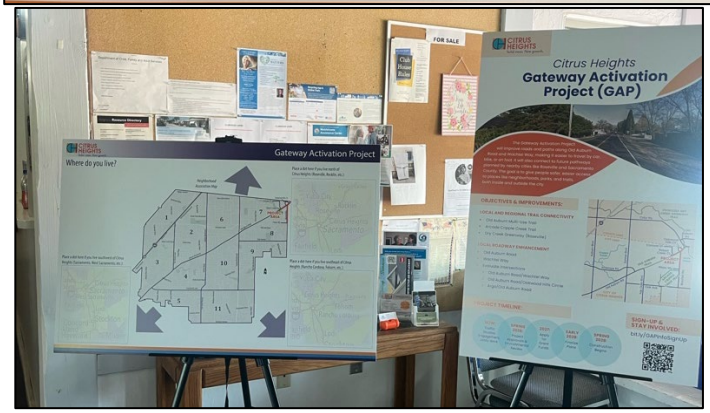
**Station 1: Project Introduction (Neighborhood Board and Project Overview Board)**

At Station 1, participants were introduced to the Citrus Heights GAP through a project overview board that outlined the project's objectives, planned improvements, timeline, and geographic scope. Attendees also engaged with a neighborhood board displaying the 11 neighborhood areas within Citrus Heights, along with three surrounding areas to the north, southwest, and southeast. Visitors were invited to place a pin on the map to indicate where they currently live.



*Community member signing up for project updates*



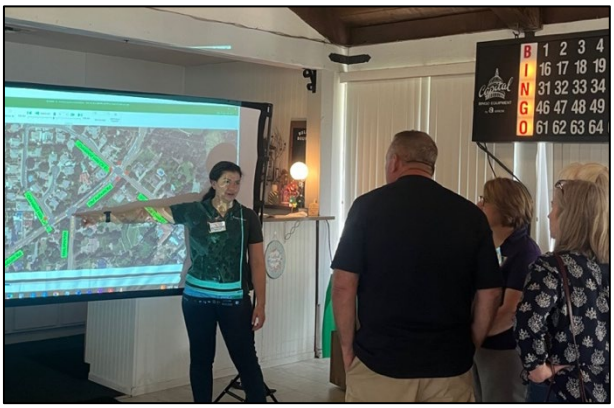

Feedback

**Where people live represented by pins:**

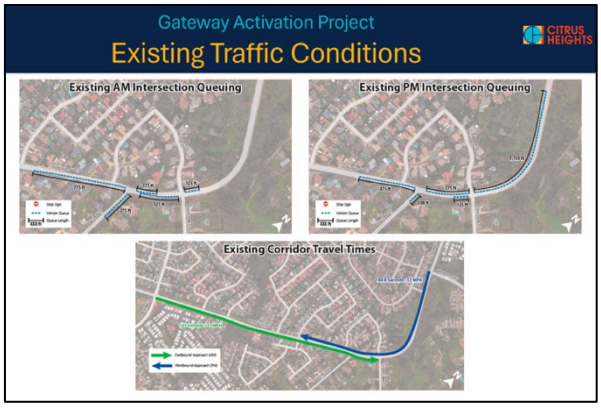
- Neighborhood Association 2: One (1) person
- Neighborhood Association 7: Four (4) people
- Neighborhood Association 8: Twelve (12) people
- Neighborhood Association 10: One (1) person
- Southwest of Citrus Heights (Sacramento, West Sacramento, etc.): Two (2) people
- North of Citrus Heights (Roseville, Rocklin, etc.): One (1) person

**Station 2: Traffic Boards**

Station 2 featured an *Existing Traffic Conditions* board displaying current AM and PM intersection queuing data, as well as corridor travel times. A projector screen showcased simulation footage of proposed project alternatives, allowing attendees to observe and engage with potential traffic flow scenarios.




*Project team member presenting simulation footage to community members.*




*Existing Traffic Conditions Board.*

**Station 3: Argo Intersection**

Station 3 featured two display boards presenting a plan view and renderings of the Argo intersection. The exhibits included three simulated images illustrating existing conditions, a pedestrian hybrid beacon, and a proposed roundabout. Staff from Dokken Engineering were available to answer questions and collect feedback on the design concepts.




*Intersection at Argo Drive – Plan View Board with Sticky Note Feedback.*

**<u>Intersection at Argo Drive - Plan View Feedback</u>**

- Pedestrian Hybrid Beacon
  - This option
  - Yes!
  - No!
  - Yes!
  - No!
- Roundabout
  - Yes roundabouts
  - Yes roundabouts
  - Yes
  - No roundabouts
  - No roundabouts
  - No roundabouts

**<u>Intersection at Argo Drive – Rendering Feedback</u>**

- Pedestrian Hybrid Beacon

  - Yes!
  - Slow traffic, no!
- Roundabout
  - Yes

**Station 4: Wachtel Plan View & Class I Crossing**

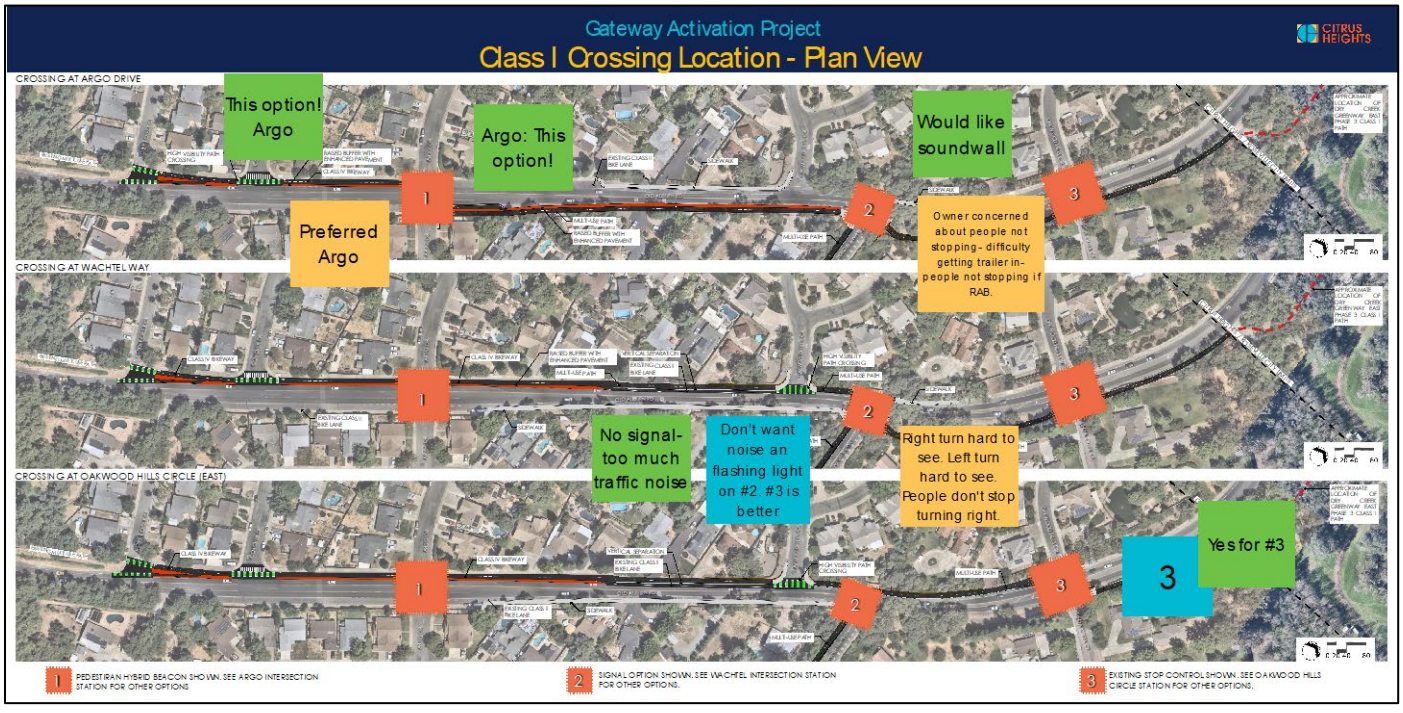
Station 4 included two display boards: the *Wachtel Way – Plan View* board, highlighting proposed plans for Wachtel Way, and the *Class I Crossing – Plan View* board, which presented three options for potential crossings at Argo Drive, Wachtel Way, and Oakwood Hills Circle (East). Dokken Engineering staff assisted community members in providing feedback by encouraging them to place sticky note comments directly on the boards.




*Intersection at Argo Drive – Rendering Board with Sticky Note Feedback*

**Wachtel Way - Plan View Feedback**

- Extend South to Oakwood Ave




**Class I Crossing Location - Plan View Feedback**

- Crossing at Argo Drive
  - This option! Argo
  - Preferred Argo
  - Argo: This option!
  - Would like a soundwall
  - Owner concerned about people not stopping- difficulty getting trailer in- people not stopping if RAB.
- Crossing at Wachtel Way
  - No signal- too much traffic noise
  - Don't want noise and flashing light on #2, #3 is better.
  - Right turn hard to see. Left turn hard to see. People don't stop turning right.
- Crossing at Oakwood Hills Circle (East)
  - 3
  - Yes for #3



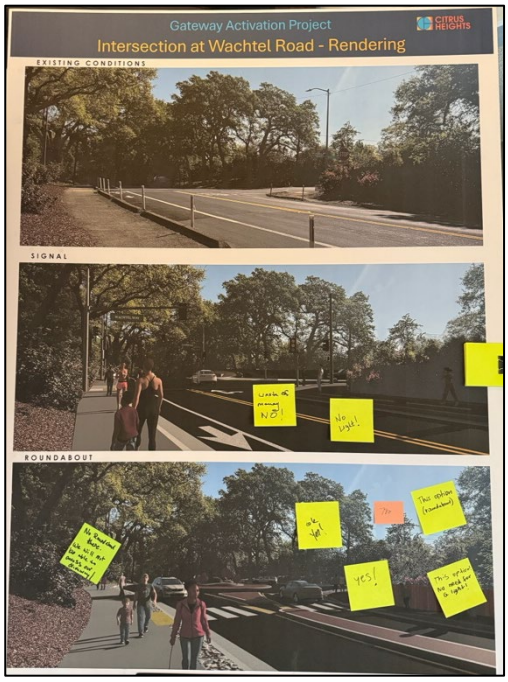

*Intersection at Wachtel Way – Plan Board with Sticky Note Feedback*

**Station 5: Wachtel Intersection**

Station 5 featured two display boards presenting a plan view and renderings of the Wachtel intersection. The exhibits included three simulated images illustrating existing conditions, a pedestrian hybrid beacon, and a proposed roundabout.

**<u>Intersection at Wachtel Way – Plan Feedback</u>**

- Signal
  - Waste of money, no!
  - No
- Roundabout
  - Perfect!
  - Yes! Yes!
  - No roundabout there, this is a residential driveway
  - No
  - Yes!
  - Yes
  - No
  - No
  - No
  - Yes
  - Yes




*Intersection at Wachtel Way – Rendering Board with Sticky Note Feedback*

- Ensure turn movement in driveways, don't cut Oak.

**Intersection at Wachtel Way – Rendering Feedback**

- Signal
  - Waste of money, no!
  - No light!
- Roundabout
  - No roundabout there. We will not be able to access our driveway!
  - OK, yes!
  - Yes!
  - No
  - This option (roundabout)
  - This option! No need for a light



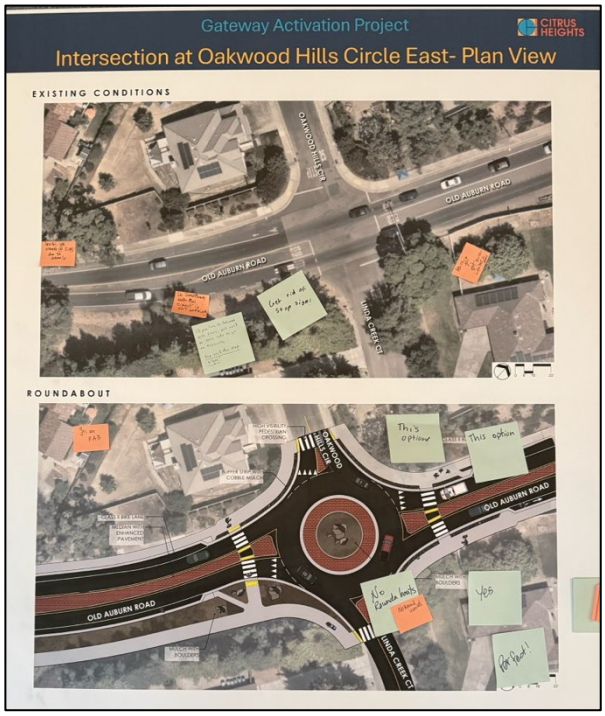
*Project team discussing community member feedback.*

**1. Station 6: Oakwood Hills Circle (East) Intersection**

Station 6 featured two display boards presenting a plan view and renderings of the Oakwood Hills Circle (East) intersection. The exhibits included two simulated images illustrating existing conditions and a proposed roundabout.

**Intersection at Oakwood Hills Circle East - Plan View Feedback**

- Existing Conditions
  - Get rid of stop sign!
  - If you live on Oakwood Hills Circle and need to turn left to go to Roseville…you need the stop signs!
  - Fence got hit twice in the last two years
  - Do something with this, existing is not working
  - Traffic WB streets @ 3:45 due to schools
- Roundabout
  - No roundabouts
  - Perfect!
  - Yes
  - This option
  - This option!
  - Yes on RAB
  - No roundabouts!




*Intersection at Oakwood Hills Circle East – Plan view with Sticky Note Feedback*

**Station 7: Feedback and Project Timeline**

The final station featured a board exhibit of the project timeline. Community members were also provided feedback forms that highlighted three multiple-choice

questions and an open-ended comment section. Twenty-three community members filled out the Gateway Activation Project feedback form.

The feedback form questions and results were as follows:

- **Question 1: What are your modes of travel on Old Auburn Road?**
  - Walk; 10 community members
  - Bike; 7 community members
  - Car; 15 community members
  - Transit; 1 community member
  - Other (please list); 2 community members (e.g., "truck/trailer", "access our house Old Auburn/Wachtel")
- **Question 2: Pick two of the following project goals that are most important to you.**
  - Trail connectivity; 11 community members
  - Slowing down traffic; 13 community members
  - Increasing safety; 20 community members
  - Pedestrian improvements; 7 community members
- **Question 3: Which trail cross options would you like to see?**
  - Argo intersection; 9 community members
  - Wachtel intersection; 11 community members
  - Oakwood Hills Circle intersection; 3 community members
- **Comments: Please provide any additional feedback you may have.**






*Community members providing feedback on the project board exhibits and feedback forms.*

**<u>Open-ended Feedback Results:</u>**

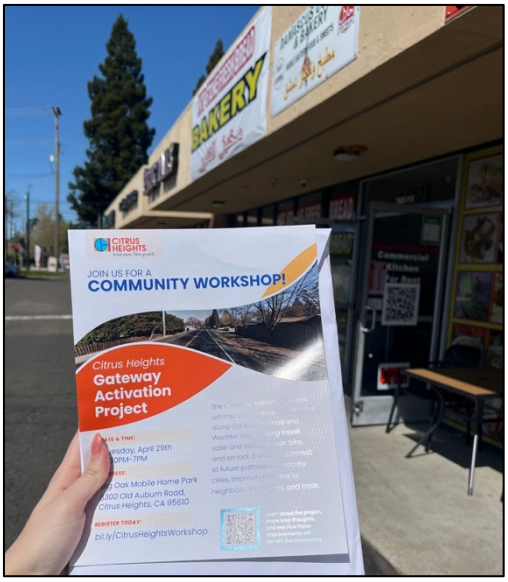
- Roundabouts eliminate Big Rigs and heavy Freight. Signals, such as speeding and pedestrians, give the city of Citrus Heights presence when you enter the city from beautiful Roseville.

- Roundabouts would help traffic flow and slow down traffic. Roundabouts, yes!
- Great presentation. All for roundabouts!
- My property at 8525 Old Auburn Rd has access with a truck and trailer, and getting through traffic requires a roundabout. I definitely would like a sound wall put in the intersections, as they are very noisy.
- We like the roundabouts and trail connectivity. We like the option of the roundabouts at all these intersections. We would like to see an improvement on the noise at the intersection of Wachtel and Old Auburn.
- I like roundabouts and trail connectivity. However, I don't like stop lights and roundabouts at all three intersections. The flashing lights and chirping of crosswalks will bother me. My property backs up to Old Auburn and Wachtel, and the sound at that intersection is currently horrible. A roundabout may help.
- Consider two stop signs at Oakwood Hills Circle intersection and suicide lane for the side streets to enter. The traffic counts entering at the side streets must be very low; you rarely see cars at the side streets unless they are cutting through the neighborhood to skip one of the double stop signs. Speeding up traffic through double stop signs is important to me.
- After watching the simulations, I like the Wachtel and Oakwood Hills traffic circles. I feel they would improve the traffic flow. I appreciate all the thoughtful planning.
- The roundabout options would work better for relieving congestion, especially near Wachtel and Old Auburn.
- Great presentation! Thank you! Being an engineer and understanding your concepts- looking forward to seeing the project underway.
- A roundabout at Wachtel and Old Auburn creates problems with any other residents on the North side of that intersection. Traffic flow will constantly block their driveways. A better alternative is a traffic light that also allows them to come out safely. A crossing at Argo for pedestrians also allows safe crossing on Wachtel. The addition of the bike trail on the West side should help with the visibility of stop signs at Wachtel/Ponticelli.
- Any trail crossing is going to be tricky. Nothing right now makes me feel safe. There is no "right" answer, I suppose.
- Teach drivers how to use roundabouts.
- Totally against roundabouts. Less traffic is important to me.
- Wachtel and Olivine- need either a stop light or flashing lights to highlight the stop sign.
- My concern is the three-way stop at Wachtel and Olivine. It is near impossible to leave Olivine and get out on Wachtel, as so many run the stop sign. You really have to watch and drive with caution.

**Public Awareness and Notification**

The project team used several different strategies to promote the workshop and garner community participation, including:

- **Email:** Three emails and subsequent reminders regarding the workshop were sent to stakeholders and interested community members, leading up to the event scheduled for April 29th. Additional follow-ups were sent on the 15th and 22nd, as well as on the day of the workshop.
- **Social Media:** Paid advertisements about the workshop were posted on Facebook and Instagram, targeting the project area and a 5-mile radius. The engagement was also posted on 16 Citrus Heights and Sacramento Facebook groups listed below:
    - Citrus Heights Community
    - Citrus Heights Crime Watch Community
    - Good neighborhood and business of Citrus Heights, CA
    - Citrus Heights Live! Non-Restricted
    - BikeParty Sacramento Cyclists
    - 530/916 Street Bike Group
    - Sacramento Women's Hiking & Adventures
    - Citrus Heights Happenings
    - Citrus Heights Area Mom's Group
    - Citrus Heights Live!
    - You know you're from Citrus Heights CA when…
    - Citrus Heights Happenings
    - Citrus Heights CA Neighborhood Watch and Safety
    - Citrus Heights Good Neighbors AND Pets
    - Citrus Heights Deals and Steals
- **Press Release:** The City of Citrus Heights posted an event announcement on their monthly E-Newsletter which was released at the beginning of the month. View the newsletter here.
- **Stakeholder Communications:** The project team reached out via personal calls and emails to representatives of different community organizations, agencies, and transportation groups, requesting them to share the flyer with their members.
- **Flyer Delivery/Signage:** The project team visited local businesses surrounding the project location to distribute flyers about the project and encourage them to attend the workshop. In addition, 15 lawn signs were placed in and around the project area near sidewalks, intersections, and on nearby trails.




*Workshop Flyer delivered to nearby businesses*




*Workshop Lawn Sign placed on nearby trail*









# Citrus Heights - Gateway Activation Project

Project Update Meeting Summary – March 2026

## Introduction

On Thursday, March 5, 2026, the City of Citrus Heights hosted a Project Update Meeting (meeting) for the Gateway Activation Project. The event was held from 5:30 to 7:00 p.m. at the Big Oak Senior Mobile Home Park. A total of 32 community members participated in the meeting.

## Background

The Gateway Activation Project focuses on multimodal and roadway improvements along Old Auburn Road and Wachtel Way. These improvements will connect to existing transportation infrastructure and support future regional connections with the City of Roseville and Sacramento County.




*Project team discussing board exhibits with community members*

The project aims to improve safety, access, and mobility for all users while enhancing traffic operations. It will provide safer, more convenient routes to nearby neighborhoods, parks, open spaces, residences, and trail networks in Citrus Heights and surrounding areas.



*Community members viewing board exhibits*

Key project objectives include extending multimodal facilities along Old Auburn Road to the city's northern boundary and along Wachtel Way to its intersection with Old Auburn Road, upgrading intersections at Old Auburn Road/Wachtel Way and Old Auburn Road/Oakwood Hills Circle/Linda Creek Court, and improving pedestrian safety and crossings at Old Auburn Road and Argo Drive.

## Meeting Purpose and Format

The purpose of the meeting was to provide a project update for the Citrus Heights Gateway Activation Project, encourage community members to review the Draft Initial Study/Mitigated Negative Declaration (IS/MND), and share their feedback. The City prepared the Draft IS/MND

to evaluate potential environmental impacts associated with the project. The document was made available for public review and comment from February 13, 2026, through March 19, 2026, and community members were encouraged to review the materials and submit comments at the meeting and through the project website.

The meeting was held in the multipurpose room at the Big Oak Senior Mobile Home Park. It began with a brief presentation from the project team highlighting key findings from the Draft IS/MND and providing a project update. The presentation was followed by an open house session where attendees could speak directly with staff from AIM Consulting, Dokken Engineering, and the City of Citrus Heights. Informational exhibits and maps of the project corridor were displayed for review, and comment cards were provided for attendees to share feedback.

## Presentation

After attendees were welcomed and seated, the presentation opened with an introduction to the Gateway Activation Project and a brief overview of the evening's agenda. The project's purpose and goals were introduced, with a focus on improving connectivity, safety, and mobility along Old Auburn Road and Wachtel Way.



*Casey Kempenaar (City of Citrus Heights) presenting to community members*

The presentation then summarized the project objectives, including strengthening regional trail connections—such as links to the Old Auburn Multi-Use Trail, Arcade Cripple Creek Trail, and Dry Creek Greenway—and improving roadway conditions and multimodal access in the project area.

Next, proposed improvements were reviewed, including upgrades at key intersections along Old Auburn Road and Wachtel Way, a pedestrian crossing at Argo Drive, and improvements for bicycle and pedestrian facilities. Design concepts focused on the incorporation of roundabouts at the project's key intersections.

The presentation also provided an overview of the environmental review process under the California Environmental Quality Act (CEQA), as well as the findings of the project's Draft IS/MND.

The presentation concluded by highlighting the public review period for the Draft IS/MND and encouraging attendees to review the document and share feedback. Community members were then invited to continue the conversation during the open house portion of the meeting.

## Stations and Board Exhibits

Below is an overview of the stations and board exhibits presented at the event.

**Welcome Station**

Upon arrival at the meeting, community members were welcomed and invited to sign up with their contact information to receive future project updates and event notifications. Free giveaway items were offered and provided by the City.




*Community members signing up for project notifications*

**Station 1: Project Introduction**

At Station 1, participants were introduced to the Citrus Heights GAP through a project overview board and a project timeline board outlining the objectives, planned improvements, timeline, and geographic scope.

**Station 2: Intersection Boards**

This station featured boards illustrating intersection improvements along the project corridor. Exhibits included conceptual roundabout designs/renderings at Argo Drive and Wachtel Way, as well as a plan view of the intersection at Old Auburn Road/Oakwood Hills Circle/Linda Creek Court. These boards showed how proposed configurations could improve traffic operations, enhance safety, and accommodate pedestrians and bicyclists.



*Project team discussing board exhibits with community members*

**Station 3: Environmental Project Impacts/Vegetation Boards**

Station 3 included boards describing the environmental review for the Gateway Activation Project and potential environmental considerations within the project corridor. Exhibits outlined the CEQA process and described the Project's purpose and need.

Additional boards highlighted existing vegetation along the corridor and identified areas where tree removal or vegetation changes may occur as part of the proposed improvements. Attendees were encouraged to review the environmental information and provide feedback on potential impacts and environmental considerations.

**Station 4: Traffic Simulation**

This station featured a projected traffic simulation comparing existing morning traffic conditions with those after the proposed improvements. The simulation illustrated how traffic is expected to move through the corridor and key intersections before and after project changes. Attendees could observe potential improvements to traffic flow and intersection operations and ask questions about how the proposed designs may affect travel through the area.




*Community member viewing traffic simulation*

**Station 5: Document Review/Open Comment**

Station 5 provided an opportunity for community members to review a hard copy of the Draft IS/MND and share their input on the project. Attendees were invited to provide open-ended feedback via comment cards, allowing them to share thoughts, concerns, and suggestions regarding the proposed improvements and project concepts.

The feedback collected from these comment cards is summarized below:

- I would like to have the cinder block wall raised higher due to traffic noise and for privacy. My backyard looks out to Old Auburn and Wachtel. Thank you.
- Please make all trail markings the same as Roseville trails. They specifically have walkers going toward bike traffic. This is just like walking toward traffic on the roadway, which is much safer. This is especially important with electric bikes, which can approach quickly and are difficult to hear. Thanks.
- Are sidewalks on both sides of the road being added?
- We are directly impacted by this. Please contact us.
- We think this is a great idea. We hope you can implement the project sooner rather than later.
- We live in Oakwood Hills and Old Auburn. The sound wall is not tall enough to accommodate privacy in our houses or backyards if the sidewalk is wider. Also, the proposed turn lane heads east into Roseville. It would also help if there were no stop signs when turning into Oakwood Hills.

## Public Notification

The project team used several strategies to promote the meeting and encourage community participation, including:

- **Email:** Two email blasts were sent via Constant Contact to stakeholder lists and interested community members regarding the meeting and Draft IS/MND. These emails were distributed on February 13 and February 26, 2026, and reached 544 recipients.
- **Press Release:** The City of Citrus Heights promoted the meeting in its monthly E-Newsletter, released on February 5, 2026. View the newsletter here.
- **Previous Workshop Attendees:** The project team also sent personal email invitations to individuals who attended the April 29, 2025, workshop. This outreach reached 33 previous attendees.
- **Direct Mailers:** The Notice of Availability/Notice of Intent to Adopt a Mitigated Negative Declaration and a meeting flyer were mailed to 245 addresses within 500 feet of the project site on February 12, 2026.

## Next Steps

Feedback gathered during the Project Update Meeting will be reviewed and compiled by the project team to help inform the refinement of the Gateway Activation Project concepts. The Draft IS/MND was available for public review and comment through March 19, 2026. Comments collected at the meeting will be addressed in the Final IS/MND, which will be presented to the City's Planning Commission and City Council in the coming months.

Community members were encouraged to visit the project website to review project materials and submit additional comments. Further updates and engagement opportunities will be shared with the community as the project advances toward Final Design.

**DESMOND, NOLAN, LIVAICH & CUNNINGHAM**
**ATTORNEYS AT LAW**

March 20, 2026 ***Via Email Only***

City of Citrus Heights Planning Division
6360 Fountain Square Drive
Citrus Heights, CA 95621
planning@citrusheights.net

**Re: Citrus Heights Gateway Activation Project – Public Comment for Draft IS/MND**

To whom it may concern—

This comment is submitted the owner of the real property commonly known as 8500 Linda Creek Court, Orangevale, CA 95662, and identified by Sacramento County Assessor's Parcel Number 224-0580-004 ("Property"). It is our understanding that the City of Citrus Heights plans to take a portion of the northeast corner of the Property for the construction of its Gateway Activation Project ("Project").

The affected corner of the Property is covered by a stand of mature redwood trees that serve various purposes. They help shield the owner's house from unwanted noise, light, and pollution. For instance, if the trees are removed, cars' headlights will shine directly into the owner's home as they go around the new roundabout. The trees also serve aesthetic purposes that cannot be easily replicated. Of particular concern, the trees serve to protect the house on the Property from any vehicles that may lose control while driving fast down Old Auburn Blvd. In fact, these trees will be particularly important for this purpose as residents become accustomed to using the roundabouts—a concern that has been expressed numerous times during project planning. In the event that a car takes the turn too fast, depending on the direction it is driving, it would roll or otherwise lose control right onto the Property threatening the safety of our client and his family.

The recently circulated Project IS/MND states that "protected trees within the Project footprint will be preserved to the extent feasible." (Project IS/MND, Pg. 10, BIO-5.) Taken together with other relevant City documents and guidelines, the preservation of trees is a priority for the City and one that must be considered in the design of the Project. With that in mind, we met at the Property with representatives of the City to discuss how the Project can be redesigned to avoid the trees and, at the meeting, the City identified an alignment that would do just that. While the actual designs for the Project have yet to be completed, we appreciate the City working on plans to avoid

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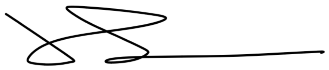
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removing the trees on the Property and we hope that said redesigns will be considered and included in all Project plans moving forward.

Very truly yours,

**DESMOND, NOLAN, LIVAICH & CUNNINGHAM**



James Silverthorn

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# CITY OF CITRUS HEIGHTS

## CITY COUNCIL STAFF REPORT MEMORANDUM

**DATE:** May 13, 2026

**TO:** Mayor and City Council Members
Ashley J. Feeney, City Manager

**FROM:** Alexander A. Turcotte, Chief of Police
Kris M. Frey, Police Commander
William E. Dunning, Police Lieutenant

**SUBJECT:** **Approval to Execute an Agreement with Verra Mobility for Red-Light Photo Enforcement**

---

**Recommendation**

The Citrus Heights Police Department implemented the Red-Light Photo Enforcement Program in 2008. Currently, there are operational cameras capturing 10 approaches at eight intersections within the city. Citrus Heights statistics indicate that since the photo enforcement program began, collisions at the monitored intersections have decreased.

Since the last contract renewal, Redflex Traffic Systems, Inc., has transitioned to Verra Mobility.

Staff recommends that the City Council adopt Resolution No. 2026-___**,** a Resolution of the City Council of the City of Citrus Heights, California, Authorizing the City Manager to Execute a three-year agreement with Verra Mobility for the continued operation, maintenance, and administration of the Red-Light Camera Enforcement Program, with the option for two additional one-year renewals.

**Strategic Plan Alignment**

This item is in alignment with the following City Council priority:

> **Goal:** Preserve and enhance public safety.
> **Objective:** Evaluate the efficacy of the current red-light photo enforcement program and work with City Council to determine the future of the program.

**Fiscal Impact**

The contract with Verra Mobility establishes a fixed monthly fee of $4,349.69 per month per designated intersection approach for the existing 10 approaches for a total annual contract cost of $521,963 plus negotiated cost of living adjustments after the first year.

The contract between the City and Verra Mobility is cost neutral. Meaning, if program expenditures exceed revenue the city receives from the courts, the city will withhold payment from Verra Mobility to ensure there is enough revenue to cover the expenditures. This is to ensure that there is no impact to the City's general fund budget in the event citation revenue cannot cover all the costs of running the program.

The contract with Verra Mobility is a fixed monthly fee for each dedicated camera approach. The monthly fee provides for the camera installation, maintenance, technology upgrades, and initial review of incidents. Verra Mobility does not receive any share of citation revenue. Citations generated by this program are processed through the court system and revenue is shared with the city on the same formula as all other traffic offenses.

## Background and Analysis

Traffic enforcement, along with education and engineering, is a key component in calming traffic and preventing collisions. A red-light camera system allows for continuous monitoring of intersections that cannot be covered by physical officer presence at all times. The goal of the program is to save lives by modifying driver behavior while allowing police officers to focus on other traffic enforcement and life safety priorities.

According to national crash data compiled by the National Highway Traffic Safety Administration (NHTSA), red-light violations remain a significant contributor to roadway injuries and fatalities in the United States. The most recent data indicates that crashes involving red light running result in approximately 1,000 to 1,100 fatalities annually (1,086 deaths reported in 2023), along with more than 100,000 injuries each year, with recent estimates exceeding 135,000 injuries. A substantial share of those killed or injured are not the offending drivers, but rather occupants of other vehicles, pedestrians, and bicyclists.

In 2005, the City of Citrus Heights received an Intersection Safety Prioritization Program (ISPP) report from Kittelson & Associates and Synectics Transportation Consultants. One of the recommendations to improve traffic safety was the installation of red-light cameras at specified locations.

In 2007, the City Council approved the implementation of the initial red light camera program. After evaluating proposals from four providers, the city selected Redflex Traffic Systems Inc., which was approved by Council resolution in July 2007.

The original contract was for five years, and the Council has since approved several extensions. The most recent contract ran from July 1, 2021, through June 30, 2026. Since that time, Redflex Traffic Systems Inc. has transitioned to Verra Mobility.

The Citrus Heights Police Department continues to utilize the red-light camera program as an effective tool for traffic enforcement. The program currently operates at 10 approaches located at the following eight intersections:

- Antelope Road & Garden Gate Drive
- Auburn Boulevard & Antelope Road
- Greenback Lane & Fountain Square Drive
- Greenback Lane & San Juan Avenue

- Greenback Lane & Auburn Boulevard (two approaches)
- Greenback Lane at Sunrise Boulevard
- Greenback Lane & Parkoaks Drive
- Sunrise Boulevard & Oak Avenue (two approaches)

All locations are signed in accordance with state law, and the program is maintained with regular equipment servicing, annual vendor audits, and ongoing officer training.

Citation data shows that 17% of individuals cited in 2025 were residents of Citrus Heights, compared to approximately 18% in 2024. To provide additional context, the city compiled traffic volume data for the eight intersections where red light camera approaches are currently installed, with average daily traffic (ADT) volumes summarized (Table 1).

**Table 1**

| Traffic Count Summary (ADT) | | | | |
|---|---|---|---|---|
| **Intersection** | **Roadway** | **Date/Location** | **Count Type** | **ADT** |
| **Antelope Rd & Garden Gate Dr** | Antelope | Oct 2025 (btw Gardn Gate & Amsterdam | 5-day weekday avg | 32,779 |
| | Garden Gate | No counts available | N/A | N/A |
| **Auburn Blvd & Antelope Rd** | Auburn | Jan 2024 (north of Antelope) | 3-day avg | 25,822 |
| | Antelope | Fab 2025 (west of Lauppe) | 3-day avg | 31,823 |
| **Greenback Ln & Fountain Square Dr** | Greenback | Feb 2025 (west of Brooktree) | 3-day avg | 45,737 |
| | Greenback | Jan 2024 (east of Shupe) | 3-day avg | 43,197 |
| | Fountain Square | No counts available | N/A | N/A |
| **Greenback Ln & San Juan Ave** | Greenback | Oct 2025 (btw Sunrise & San Juan) | 3-day avg | 46,901 |
| | San Juan | Oct 2025 (btw Sylvan & Madison) | 3-day avg | 23,394 |
| | San Juan | Sep 2024 (btw San Juan & Woodside) | 3-day avg | 26,678 |
| **Greenback Ln & Auburn Blvd** | Greenback | Sep 2024 (btw San Juan & Woodside) | N/A | 47579% |
| | Auburn | Sep 2024 (btw Greenbacvk & Manzanita) | N/A | 26,699 |
| | Auburn | Jan 2024 (west of Halifax) | 3-day avg | 21,469 |
| **Greenback Ln & Sunrise Blvd** | Greenback | Sep 2024 (btw Sunrise & Fair Oaks) | N/A | 34,885 |
| | Sunrise | Feb 2025 (north of Macy Plaza) | N/A | 39,356 |
| **Greenback Ln & Parkoaks** | Greenback | Sep 2024 (btw Auburn & Dewey) | N/A | 47,579 |
| | Parkoaks | No counts available | N/A | N/A |
| **Sunrise Blvd & Oak Ave** | Sunrise | Feb 2025 (north of Sungarden) | N/A | 36,668 |
| | Oak | Sep 2025 (wb toward Sunrise) | 3-day weekday avg | 7,823 |

Staff also coordinated with the California Highway Patrol (CHP), Information Services Unit (ISU), to obtain collision data from the Statewide Integrated Traffic Records System (SWITRS) for twenty-four (24) intersections where red light cameras were deactivated (13 in unincorporated Sacramento County and 11 in the City of Sacramento). This data was requested for the two years prior to deactivation (2022–2023) and two years following deactivation (2024–2025) to support a comparative crash analysis. The request included five categories of information: total collisions, fatal collisions, injury collisions, property-damage-only collisions, and number of fatalities (Table 2).

**Table 2**

| Sacramento County & City Of Sacramento Deactivated Cameras (24 Total) | | | | | |
|---|---|---|---|---|---|
| | Total Collisions | Fatals | Injury Collisions | Property Damage | Killed Victims |
| 2022 | 390 | 1 | 181 | 208 | 1 |
| 2023 | 437 | 2 | 193 | 242 | 2 |
| TOTAL | 827 | 3 | 374 | 450 | 3 |
| 2024 | 450 | 1 | 189 | 260 | 1 |
| 2025 | 451 | 3 | 196 | 252 | 3 |
| TOTAL | 901 | 4 | 385 | 512 | 4 |
| CHANGE | 9% | 33% | 3% | 13% | 33% |

Improving road safety remains a priority for the Citrus Heights Police Department. The Red-Light Photo Enforcement Program has been in effect for nineteen years and has helped deter red light violations and promote safer driving habits on our roadways.

**Attachments:**

1. Resolution No. 2026-___ – A Resolution of the City Council of the City of Citrus Heights, California, Authorizing the City Manager to Execute a three-year agreement with Verra Mobility for the continued operation, maintenance, and administration of the Red-Light Camera Enforcement Program, with the option for two additional one-year renewals.

**RESOLUTION NO. 2026- ___**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CITRUS HEIGHTS, CALIFORNIA, AUTHORIZING THE CITY MANAGER TO EXECUTE A THREE-YEAR AGREEMENT WITH VERRA MOBILITY FOR THE CONTINUED OPERATION AND ADMINISTRATION OF THE CITY'S RED LIGHT CAMERA ENFORCEMENT PROGRAM, WITH TWO ONE-YEAR RENEWAL OPTIONS**

**WHEREAS**, since 2008, the City of Citrus Heights has operated a Red-Light Photo Enforcement Program to improve intersection safety, deter red light violations, and reduce collisions; and

**WHEREAS**, the program currently operates with ten approaches at eight intersections throughout the city and has contributed to a measurable reduction in collisions at monitored locations; and

**WHEREAS**, Redflex Traffic Systems, Inc, has transitioned to Verra Mobility, and the current contract expires on June 30, 2026; and

**WHEREAS**, staff recommends entering into a new three-year agreement with Verra Mobility for the continued operation, maintenance, and administration of the Red-Light Camera Enforcement Program, with the option for two additional one-year renewals; and

**WHEREAS**, the agreement establishes a fixed monthly fee of $4,349.69 per camera approach for the existing ten approaches, for a total annual contract cost of $521,963 plus negotiated cost of living adjustments after the first year, and is structured to be cost-neutral to the City's General Fund, with payments to Verra Mobility limited to available citation revenue; and

**NOW THEREFORE BE IT RESOLVED AND ORDERED** by the City Council of Citrus Heights that the three-year agreement with Verra Mobility for the continued operation and administration of the City's Red Light Camera Enforcement Program, including two one-year renewal options, is hereby approved.

**BE IT FURTHER RESOLVED** that the City Manager, or his/her designee, is hereby authorized to execute the agreement with Verra Mobility, and any related documents necessary to implement the program, including any renewal options.

The City Clerk shall certify the passage and adoption of this Resolution and enter it into the book of original resolutions.

**PASSED AND ADOPTED** by the City Council of the City of Citrus Heights, California, this 13th day of May, 2026 by the following vote, to wit:

**AYES: Council Members:**
**NOES: Council Members:**
**ABSTAIN: Council Members:**
**ABSENT: Council Members:**

**MariJane Lopez-Taff, Mayor**

**ATTEST:**

**Amy Van, City Clerk**

# CITY OF CITRUS HEIGHTS

## CITY COUNCIL STAFF REPORT MEMORANDUM

**DATE:** May 13, 2026

**TO:** Mayor and City Council Members
Ashley J. Feeney, City Manager

**FROM:** Regina Cave, General Services Director

**SUBJECT:** **America's 250 Year Anniversary Mural Installation at City Hall**

---

**Recommendation**

Citrus Heights Arts (CH Arts) has played a vital role in bringing visual art to Citrus Heights through installation of various murals, sponsoring community art events, and collaborating with businesses to help identify place-making opportunities to increase visibility and enhance their presence through publicly displayed art. CH Arts has proposed to collaborate with the City for installation of a mural on City Hall to celebrate America's 250 Year Anniversary.

Staff recommends the City Council adopt the following:

1. Resolution 2026-____, A Resolution of the City Council of the City of Citrus Heights, California, Authorizing Citrus Heights Arts to Proceed with Planning and Installation of a 250 Year Anniversary Mural at City Hall and Further Authorizes an Allocation of Community Support Funding to Assist with Costs Associated with Installation of the Mural

**Strategic Plan Alignment**

This item is in alignment with the following City Council priority:

**Goal:** Enhance Community Vibrancy and Engagement
**Objective:** Identify and pursue partnership opportunities that will continue to foster vibrant, accessible, and community-inspired public-facing art installations to engage, connect, and celebrate local creativity together.

**Fiscal Impact**

CH Arts receives support largely through private contributions and donations. Additionally, the city has supported various mural efforts with History & Arts Grant Funding to help further the city's goals of creating place making opportunities, enhancing culture throughout the community, and supporting local businesses by increasing visibility. CH Arts' estimate for the

proposed 250 Year Anniversary Mural is $8,000. The request for funding is $6,000 from this fiscal year's Community Support Grant Funds with the remaining $2,000 to be funded by CH Arts' fundraising efforts. The current balance of unallocated Community Support Grant funds is sufficient to support this request, and it has been confirmed with the Economic Development & Community Engagement Director that funding is available and eligible for use toward this proposed project.

## Background and Analysis

In March 2024, City Council set a strategic goal to explore art and culture program(s). Since then, various efforts have been made and goals accomplished in collaboration with CH Arts, as well as through internal operational programs. Such efforts include establishing the Citrus Heights Arts District along the Sylvan/Auburn corridor and installation of various murals along the boulevard, supporting Art in City Hall which provides opportunities for local artists to display curated pieces, as well as General Services work on establishing the traffic cabinet art wrap program and coordinating with the local high schools for art submissions.

In February 2026, CH Arts requested consideration for collaboration on a mural to be installed on the exterior of City Hall. The proposal is to install a timeless piece that would reflect the identity, history and character of Citrus Heights. CH Arts has been working with local artists as well as reviewing concepts and installed murals in other communities to help develop ideas for Council and the community's consideration. The timeline for the proposed action would begin with immediate community outreach through social media with the expectation of delivering a final product by mid-June ahead of the city's Stars & Stripes Celebration. While the goal is to celebrate America's 250 Year Anniversary, the finished mural will celebrate the history, present, and future of Citrus Heights, with the expectation the mural can remain in place long term. However, it is at the City Council and City Management's discretion to cover up or remove this proposed mural or future proposed murals on city owned or maintained facilities as deemed necessary.

The location for the proposed mural is the exterior cove near the front of City Hall, which was specifically constructed as a recessed wall with lighting to support art, and be completely accessible to the public. In addition to alignment with the city' Strategic Plan, the efforts for this proposed action align with the national America250 initiative, established by Congress and the U.S. Semiquincentennial Commission in 2016 to engage all communities through nationwide celebrations, education programs, and public events to celebrate America's 250 Year Anniversary.

In addition to advancing a City Council strategic objective, this proposed project and associated funding recommendation supports implementation of the City's 2025–2027 Economic Development Work Plan, which identifies placemaking, community identity, and corridor beautification as important components of economic vitality, reinvestment, and community image. Public art and thoughtfully activated public spaces help strengthen sense of place, reinforce community pride, enhance destination appeal, and contribute to Citrus Heights' evolving identity as an active, connected, and vibrant community. The proposed mural would accomplish these objectives by activating a prominent and frequently visited civic space,

enhancing the City Hall campus experience, and contributing to broader community vibrancy and cultural enrichment efforts.

## Attachments

1. Resolution 2026-____, A Resolution of the City Council of the City of Citrus Heights, California, Authorizing Citrus Heights Arts to Proceed with Planning and Installation of a 250 Year Anniversary Mural at City Hall and Further Authorizes an Allocation of Community Support Funding to Assist with Costs Associated with Installation of the Mural

**RESOLUTION NO. 2026-___**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CITRUS HEIGHTS, CALIFORNIA, AUTHORIZING CITRUS HEIGHTS ARTS TO PROCEED WITH PLANNNG AND INSTALLATION OF A 250 YEAR ANNIVERSARY MURAL AT CITY HALL AND FURTHER AUTHORIZES AN ALLOCATION OF COMMUNITY SUPPORT FUNDING TO ASSIST WITH COSTS ASSOCIATED WITH INSTALLATION OF THE MURAL**

**WHEREAS**, the City Council established a goal to Enhance Community Vibrancy and Engagement, outlining various objectives to increase art and culture throughout Citrus Heights and create place-making opportunities for residents to gather, enjoy and foster community; and

**WHEREAS,** Citrus Heights Arts has been a crucial partner in delivering visual art to the community, collaborating with various businesses and property owners to leverage and enhance accessible real estate for mural installations; and

**WHEREAS,** Citrus Heights Arts has proposed spearheading the planning, community outreach and delivery of a timepiece mural on City Hall, depicting the history, present, and future of our community; and

**WHEREAS,** the proposed mural supports nationwide efforts to commemorate America's 250 Year Anniversary and the America250 initiative established by Congress and the U.S. Semiquincentennial Commission; and

**WHEREAS**, Council further promotes Citrus Heights Arts' efforts by approving an allocation of $6,000 in Community Support Grant funds to assist with costs associated with the installation of the proposed mural.

**NOW THEREFORE BE IT RESOLVED AND ORDERED** that the City Council of the City of Citrus Heights does hereby authorizes Citrus Heights Arts to proceed with community outreach and installation of a 250 Year Anniversary Mural to be painted on the City Hall building and further approves an allocation of funds in the amount of $6,000 in Community Support Grant Funding to support efforts associated with the delivery of the proposed mural.

The City Clerk shall certify the passage and adoption of this Resolution and enter it into the book of original resolutions.

**PASSED AND ADOPTED** by the City Council of the City of Citrus Heights, California, this 13th day of May, 2026, by the following vote, to wit:

**AYES:** **Council Members:**
**NOES:** **Council Members:**
**ABSTAIN:** **Council Members:**
**ABSENT:** **Council Members:**

_____
**MariJane Lopez-Taff, Mayor**

**ATTEST:**

_____
**Amy Van, City Clerk**