

Notice of Exemption

Appendix E

To: Office of Planning and Research
P.O. Box 3044, Room 113
Sacramento, CA 95812-3044

County Clerk

County of: Riverside

4080 Lemon Street, 1st Floor

Riverside, CA 92501

From: (Public Agency): City of Eastvale

12363 Limonite Avenue, Suite 910

Eastvale, CA 91752

(Address)

Project Title: Highway Safety Improvement Program (HSIP) Cycle 10 Traffic Signal Dilemma Zone Detection and Mitigation Project

Project Applicant: City of Eastvale

Project Location - Specific: Sixteen intersections in Eastvale, California along Hamner Avenue, Limonite Avenue, Archibald Avenue, and Schleisman Road. See attached list of intersections in Table 1 below.

Project Location - City: City of Eastvale

Project Location - County: Riverside

Description of Nature, Purpose and Beneficiaries of Project:

HSIP Cycle 10 Project – HSIPSL-5486 (010), City Project # 92017: Under HSIP Cycle 10, this Project proposes to implement Advance Dilemma Zone detection at sixteen existing signalized intersections along the City's major corridors. These improvements would improve safety for motorists approaching these intersections. These sixteen intersections were identified as locations with higher rear-end collisions based on a Systemic Safety Analysis Report (SSAR) developed by the City.

Name of Public Agency Approving Project: City of Eastvale

Name of Person or Agency Carrying Out Project: Jimmy Chung, City Engineer

Exempt Status: **(check one):**

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- Categorical Exemption. State type and section number: Class 1(c), Section 15301 Existing Facilities
- Statutory Exemptions. State code number: _____

Reasons why project is exempt:

See Attachment A. The Project is exempt per applicable provisions of CEQA Guidelines Section 15301.

Lead Agency

Contact Person: Jimmy Chung, City Engineer Area Code/Telephone/Extension: 951.703.4473

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? Yes No

Signature:  Date: 9/22/2023 Title: City Engineer

▪ Signed by Lead Agency Signed by Applicant

Authority cited: Sections 21083 and 21110, Public Resources Code.
Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.

Date Received for filing at OPR: _____

TABLE 1: PROJECT INTERSECTIONS

| INTERSECTION NUMBER | INTERSECTION |
|---------------------|---------------------------------|
| 1 | HAMNER AVE AND LIMONITE AVE |
| 2 | EASTVALE GTWY AND LIMONITE AVE |
| 3 | ARCHIBALD AVE AND SCHLEISMAN RD |
| 4 | ARCHIBALD AVE AND LIMONITE AVE |
| 5 | HAMNER AVE AND SCHLEISMAN RD |
| 6 | HARRISON AVE AND SCHLEISMAN RD |
| 7 | SUMNER AVE AND LIMONITE AVE |
| 8 | SUMNER AVE AND SCHEISMAN RD |
| 9 | I-15 RAMPS AND LIMONITE AVE |
| 10 | HAMNER AVE AND SWAN LAKE AVE |
| 11 | HAMNER AVE AND BELLEGRAVE AVE |
| 12 | LIMONITE AVE AND STARBUCKS DWY |
| 13 | HAMNER AVE AND 68TH ST |
| 14 | HARRISON AVE AND LIMONITE AVE |
| 15 | HAMNER AVE AND AMBERHILL AVE |
| 16 | ARCHIBALD AVE AND 65TH ST |

ATTACHMENT A BACKGROUND, PROJECT DESCRIPTION, AND JUSTIFICATION FOR CEQA EXEMPTION

1.0 PROJECT BACKGROUND

In 2020, the City of Eastvale (City) Public Works Department responded to Caltrans' Highway Safety Improvement Program (HSIP) Cycle 10 funding call for projects, and submitted an application requesting consideration of funding to install advanced dilemma zone detection systems and associated equipment at 16 signalized intersections throughout the City. HSIP funding has been programmed for the City's grant application under project number HSIPSL-5486 (010).

2.0 PROJECT DESCRIPTION

The City is the lead agency for the proposed HSIP-funded project (herein referred to as Project) to increase the safety at 16 signalized intersections along major corridors within the City. This Project is State-funded as part of HSIP Cycle 10. Proposed improvements at the 16 Project intersections would include the installation of advanced dilemma zone detection system and associated equipment in existing traffic signal cabinets, and modification of signal timing to improve safety.

City of Eastvale and Caltrans design standards will be utilized for Project facilities. Construction activities would include temporary closure of roadway shoulders, and installation of advanced dilemma zone detection equipment, as described below. Ground disturbance at all 16 intersections would be limited to within the existing right-of-way and no excavation is anticipated. The description of proposed improvements provided below is based upon the details provided in the Design Plans and observations made during site visits.

Proposed Improvements and Traffic Control Equipment Upgrades

The City of Eastvale is improving safety and operability through the implementation of Advance Dilemma Zone detection to 16 existing signalized intersections. A Systemic Safety Analysis Report (SSAR) was previously conducted to evaluate the City's existing roadway system and recommendations were made of potential signal system upgrades. The findings of the SSAR were ultimately used to request funds through Caltrans' HSIP Cycle 10. The SSAR identified high-risk intersections by analyzing collision data collected over a five-year period spanning from January 1, 2015 to December 31, 2019. Based on the collision data, intersections that had five or more rear-end collisions were identified as potential candidates to implement countermeasures. The 16 intersections associated with the Project meet these criteria. The Project would include the following signal hardware component improvements needed to enhance roadway safety. See **Table 1: Proposed Improvements at Each of the Project Intersections**.

Table 1
Proposed Improvements at Each of the Project Intersections

| Intersection Number | Intersection | Proposed Intersection Improvements |
|---------------------|---------------------------------|--|
| 1 | HAMNER AVE AND LIMONITE AVE | Install hybrid dilemma zone detection/vehicle detection camera, interface unit for detection camera, and Type 2070 controller and software |
| 2 | EASTVALE GTWY AND LIMONITE AVE | Install hybrid dilemma zone detection/vehicle detection camera, interface unit for detection camera, and Type 2070 controller and software |
| 3 | ARCHIBALD AVE AND SCHLEISMAN RD | Install hybrid dilemma zone detection/vehicle detection camera, interface unit for detection camera, and Type 2070 controller and software |
| 4 | ARCHIBALD AVE AND LIMONITE AVE | Install hybrid dilemma zone detection/vehicle detection camera, interface unit for detection camera, and Type 2070 controller and software |
| 5 | HAMNER AVE AND SCHLEISMAN RD | Install hybrid dilemma zone detection/vehicle detection camera, interface unit for detection camera, Type 2070 controller and software |
| 6 | HARRISON AVE AND SCHLEISMAN RD | Install hybrid dilemma zone detection/vehicle detection camera, interface unit for detection camera, and Type 2070 controller and software |
| 7 | SUMNER AVE AND LIMONITE AVE | Install hybrid dilemma zone detection/vehicle detection camera, interface unit for detection camera, and Type 2070 controller and software |
| 8 | SUMNER AVE AND SCHEISMAN RD | Install hybrid dilemma zone detection/vehicle detection camera, interface unit for detection camera, and Type 2070 controller and software |
| 9 | I-15 RAMPS AND LIMONITE AVE | Install hybrid dilemma zone detection/vehicle detection camera, and interface unit for detection camera |
| 10 | HAMNER AVE AND SWAN LAKE AVE | Install hybrid dilemma zone detection/vehicle detection camera, interface unit for detection camera, and Type 2070 controller and software |

| <p align="center">Table 1 Proposed Improvements at Each of the Project Intersections</p> | | |
|---|---|--|
| Intersection Number | Intersection | Proposed Intersection Improvements |
| 11 | HAMNER AVE AND BELLEGRAVE AVE | Install hybrid dilemma zone detection/vehicle detection camera, interface unit for detection camera, and Type 2070 controller and software |
| 12 | LIMONITE AVE AND CLOVERDALE MARKETPLACE | Install hybrid dilemma zone detection/vehicle detection camera, interface unit for detection camera, and Type 2070 controller and software |
| 13 | HAMNER AVE AND 68TH ST | Install hybrid dilemma zone detection/vehicle detection camera, interface unit for detection camera, and Type 2070 controller and software |
| 14 | HARRISON AVE AND LIMONITE AVE | Install hybrid dilemma zone detection/vehicle detection camera, interface unit for detection camera, and Type 2070 controller and software |
| 15 | HAMNER AVE AND AMBERHILL AVE | Install hybrid dilemma zone detection/vehicle detection camera, interface unit for detection camera, and Type 2070 controller and software |
| 16 | ARCHIBALD AVE AND 65TH ST | Install hybrid dilemma zone detection/vehicle detection camera, interface unit for detection camera, and Type 2070 controller and software |

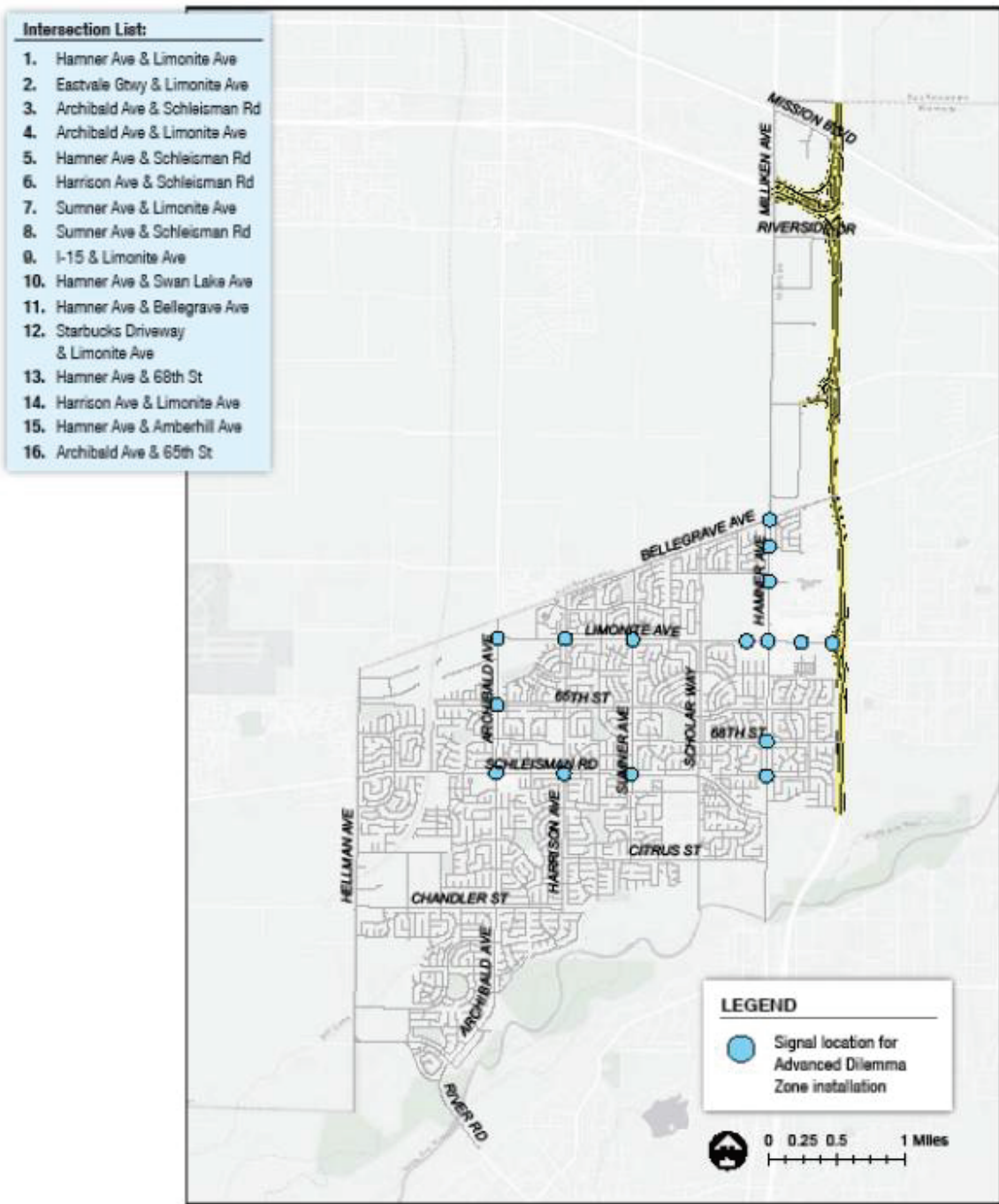
Refer to **Figure 1**, which depicts all the Project intersection locations.

Surrounding Development

Based on observations made during multiple site visits, the Project intersections are all within developed portions of the City and are surrounded by commercial, residential, warehousing, recreational, vacant, and institutional land uses.

Figure 1

Signal Locations for Advanced Dilemma Zone Detection – 16 Total



Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

All improvements will be accommodated in the City Right-of-Way (ROW)

Existing Conditions

The traffic signal hardware at the project intersections is consistent with current agency standards and requirements. All existing traffic signal poles, mast arms, and cabinets will be maintained and protected in place. The proposed project would not impact above ground or underground infrastructure. The proposed project will replace existing video detection cameras and controller equipment located within existing cabinets.

Project Operations

The Project would install new hardware to improve safety by installing advanced dilemma zone detection system and associated equipment in existing traffic signal cabinets to modify signal timing to improve safety for motorists approaching the intersections.

3.0 REASONS WHY THE PROJECT IS EXEMPT

The Project is exempt from CEQA under one categorical exemption.

Categorical Exemptions

Class 1 (CEQA Guidelines 15301): Existing Structures

Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of existing or former use. The types of “existing facilities” itemized below are not intended to be all-inclusive of the types of projects which might fall within Class 1. The key consideration is whether the project involves negligible or no expansion of use. Examples include but are not limited to:

- Interior or exterior alterations involving such things as interior partitions, plumbing, and electrical conveyances;
- Existing facilities of both investor and publicly owned utilities used to provide electric power, natural gas, sewerage, or other public utility services;
- *Existing highways and streets, sidewalks, gutters, bicycle and pedestrian trails, and similar facilities (this includes road grading for the purpose of public safety), and other alterations such as the addition of bicycle facilities, including but not limited to bicycle parking, bicycle-share facilities and bicycle lanes, transit improvements such as bus lanes, pedestrian crossings, street trees, and other similar alterations that do not create additional automobile lanes);*
- Restoration or rehabilitation of deteriorated or damaged structures, facilities, or mechanical equipment to meet current standards of public health and safety, unless it is determined that the damage was substantial and resulted from an environmental hazard such as earthquake, landslide, or flood;
- Additions to existing structures provided that the addition will not result in an increase of more than:

- 50 percent of the floor area of the structures before the addition, or 2,500 square feet, whichever is less; or
- 10,000 square feet if:
 - The project is in an area where all public services and facilities are available to allow for maximum development permissible in the General Plan, and
 - The area in which the project is located is not environmentally sensitive.
- Addition of safety or health protection devices for use during construction of or in conjunction with existing structures, facilities, or mechanical equipment, or topographical features including navigational devices;
- New copy on existing on and off-premise signs;
- Maintenance of existing landscaping, native growth, and water supply reservoirs (excluding the use of pesticides, as defined in Section 12753, Division 7, Chapter 2, Food and Agricultural Code);
- Maintenance of fish screens, fish ladders, wildlife habitat areas, artificial wildlife waterway devices, streamflows, springs and waterholes, and stream channels (clearing of debris) to protect fish and wildlife resources;
- Fish stocking by the California Department of Fish and Game;
- Division of existing multiple family or single-family residences into common-interest ownership and subdivision of existing commercial or industrial buildings, where no physical changes occur which are not otherwise exempt;
- Demolition and removal of individual small structures listed in this subdivision;
 - (1) One single-family residence. In urbanized areas, up to three single-family residences may be demolished under this exemption.
 - (2) A duplex or similar multifamily residential structure. In urbanized areas, this exemption applies to duplexes and similar structures where not more than six dwelling units will be demolished.
 - (3) A store, motel, office, restaurant, and similar small commercial structure if designed for an occupant load of 30 persons or less. In urbanized areas, the exemption also applies to the demolition of up to three such commercial buildings on sites zoned for such use.
 - (4) Accessory (appurtenant) structures including garages, carports, patios, swimming pools, and fences.
- Minor repairs and alterations to existing dams and appurtenant structures under the supervision of the Department of Water Resources.
- Conversion of a single family residence to office use.
- Installation, in an existing facility occupied by a medical waste generator, of a steam sterilization unit for the treatment of medical waste generated by that facility provided that the unit is

installed and operated in accordance with the Medical Waste Management Act (Section 117600, et seq., of the Health and Safety Code) and accepts no offsite waste.

- Use of a single-family residence as a small family day care home, as defined in Section 1596.78 of the Health and Safety Code.

Justification why Project is Exempt: The Project would consist of replacement and minor alternations to the existing traffic infrastructure that would improve traffic safety. Additionally, the Project would not involve expansion from the existing Project site. Therefore, the Project would be exempt from CEQA under a Class 1 categorical exemption.