

December 20, 2017

Sean Yeung
Caltrans – District 8
Office of Local Assistance
464 West 4th Street
San Bernardino, CA 92401

SUBJECT: MT. VERNON CORRIDOR INTERSECTION IMPROVEMENT PROJECT, HSIPL-5421(005), PRELIMINARY ENVIRONMENTAL STUDY (PES).

Dear Mr. Yeung,

On behalf of the City of Grand Terrace, I am submitting the enclosed Preliminary Environmental Study (PES) for the City of Grand Terrace's Mt. Vernon Corridor Intersection Improvement Project: HSIPL-5421(005). This PES package contains the following items:

- Copy of Approved FTIP
- Copy of HSIP Backup List
- Exhibit 6a – Preliminary Environmental Study (PES)
- Project Support Documents including FEMA's National Flood Hazard Layer, Geo Tracker, U.S. Fish & Wildlife Service Species List, Visual Impact Assessment (VIA) Level Questionnaire, Coastal Zone Boundary Map, Groundwater Basin Boundary Assessment, Project Description, Project Area Map, and Project Proposal Maps

Should you require additional, revisions, information, or simply have questions, please feel free to contact Hector Ramirez at (626) 799-8011 ext. 4 or Mr. Alan French, City of Grand Terrace's Public Works Director / City Engineer, at (909) 824-6621 ext. 251.



Hector Ramirez
Project Finance Administrator



626.799.8011(ext.4)



888.421.8798



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1030 South Arroyo
Parkway, Suite 106
Pasadena, CA 91105



2017 Federal Transportation Improvement Program

Various Counties
Local Highway
Including Amendment 1 - 6 and 8 - 10
(In \$000's)

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	System	Conformity Category	Amendment	
SCAGATP_RP 1	Various	Various		REG0704					L	EXEMPT - 93.126	8	
Description:							PTC	6,752	Agency	SCAG		
Grouped Projects for Planning activities: Projects are consistent with 40 CFR Part 93.126 Exempt Tables 2 and Table 3 categories - Planning activities conducted pursuant to titles 23 and 49 U.S.C. Grouped listing of Cycle 1 and Cycle 2 and Cycle 3 of the Active Transportation Program Planning grants. Active Transportation Plans for five cities and Greenway Feasibility Study, San Gabriel Valley												
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total
COUNTY			229	229		229						229
ACTIVE TRANSPORTATION PROGRAM			643	643		220	423					643
ACTIVE TRANSPORTATION PROGRAM - MPO			5,880	5,880		5,580	150	150				5,880
SCAGATP_RP1 Total			6,752	6,752		6,029	573	150				6,752

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	System	Conformity Category	Amendment	
SCAGATP1	Various	Various		REG0704	LUM03				L	EXEMPT - 93.126	8	
Description:							PTC	5,019	Agency	SCAG		
Regional Active Transportation Safety and Encouragement Campaign designed to reduce bicycle and pedestrian collisions. Includes a media campaign, tactical urbanism campaign and trainings. SRTS Implementation, Imperial and San Bernardino Counties; Active Transportation education/encouragement events, Santa Ana, el Monte and South El Monte.												
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total
AGENCY			579	579			579					579
AIR BOARD			323	323			323					323
ACTIVE TRANSPORTATION PROGRAM			4,117	4,117	2,333		1,784					4,117
SCAGATP1 Total			5,019	5,019	2,333		2,686					5,019

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	System	Conformity Category	Amendment	
SCAG015	Various	Various		REG0701	LUM03				L	EXEMPT - 93.126	10	
Description:							PTC	245,011	Agency	VARIOUS AGENCIES		
GROUPED PROJECTS FOR SAFETY IMPROVEMENTS - HSIP PROGRAM PROJECTS CONSISTENT WITH 40 CFR PART 93.126 TABLES 2 & 3 CATEGORIES - RAILROAD/HIGHWAY CROSSING, SAFER NON-FEDERAL-AID SYSTEM ROADS, SHOULDER IMPROVEMENTS, TRAFFIC CONTROL DEVICES & OPERATING ASSISTANCE OTHER THAN SIGNALIZATION PROJECTS, INTERSECTION SIGNALIZATION PROJECTS AT INDIVIDUAL INTERSECTIONS, PAVEMENT MARKING DEMO. Using Toll Credit												
Fund	ENG	R/W	CON	Total	Prior	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total
HIGHWAY SAFETY IMPROVEMENT PROGRAM			218,696	218,696	20,074	56,243	49,266	52,129	40,984			218,696
CITY FUNDS			26,315	26,315	2,000	5,890	5,600	9,800	3,025			26,315
SCAG015 Total			245,011	245,011	22,074	62,133	54,866	61,929	44,009			245,011

Highway Safety Improvement Program (HSIP)
2015 FTIP Back-Up List, sorted by MPO, Agency and Unique Project ID

Unique Project ID	HSIP Eligibility	District	Agency	MPO	Project Location	Statewide (all MPO's)	Current Programmed Federal Funds	Other Local Funds	Federal Funds Programmed Under "Prior"	Federal Funds Programmed in 2017	Federal Funds Programmed in 2018	Federal Funds Programmed in 2019	Federal Funds Programmed in 2020	Approved Federal Funds
HS-08-004	No	8	Grand Terrace	SCAG	Three (3) uncontrolled four-way stop intersections and two (2) signalized intersections along Mt. Vernon Avenue.	Statewide (all MPO's)	\$435,700	\$0	\$0	\$0	\$0	\$0	\$0	\$435,700
					6/23/2017	Description of Work	Upgrade intersection and crosswalk, pavement markings, install advanced speed feedback warning signs, and install segment lighting.							

EXHIBIT 6-A PRELIMINARY ENVIRONMENTAL STUDY (PES)

Federal Project No.: _____ <i>(Federal Program Prefix-Project No., Agreement No.)</i>	Final Design: _____ <i>(Expected Start Date)</i>
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To: _____ <i>(District Local Assistance Engineer)</i> _____ <i>(District)</i> _____ <i>(Address)</i> _____ <i>(Email Address)</i>	From: _____ <i>(Local Agency)</i> _____ <i>(Project Manager's Name and Telephone No.)</i> _____ <i>(Address)</i> _____ <i>(Email Address)</i>
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Is this Project "ON" the State Highway System? Yes No **IF YES, STOP HERE** and contact the District Local Assistance Engineer regarding the completion of other environmental documentation.

Federal State Transportation Improvement Program (FSTIP) <http://www.dot.ca.gov/hq/transprog/fedpgm.htm>: _____ *(Currently Adopted Plan Date)* _____ *(Page No. ___ attach to this form)*
<http://www.dot.ca.gov/hq/transprog/oftmp.htm>

Programming for FSTIP:	Preliminary Engineering	Right of Way	Construction
_____	_____	_____	_____
<i>(Fiscal Year)</i>	\$ _____ <i>(Dollars)</i>	\$ _____ <i>(Dollars)</i>	\$ _____ <i>(Dollars)</i>

Project Description as Shown in RTP and FSTIP:
 Upgrade intersection and crosswalk pavement markings, install advanced speed feedback warning signs, and install segment lighting.

Detailed Project Description: *(Describe the following, as applicable: purpose and need, project location and limits, required right of way acquisition, proposed facilities, staging areas, disposal and borrow sites, construction activities, and construction access.)*
 Please see attached Project Description.

(Continue description on "Notes" sheet, last page of this Exhibit, if necessary)

Preliminary Design Information:

Does the project involve any of the following? Please check the appropriate boxes and delineate on an attached map, plan, or layout including any additional pertinent information.

	Yes	No		Yes	No		Yes	No
<input type="checkbox"/>	<input type="checkbox"/>	Widen existing roadway	<input type="checkbox"/>	<input type="checkbox"/>	Ground disturbance	<input type="checkbox"/>	<input type="checkbox"/>	Easements
<input type="checkbox"/>	<input type="checkbox"/>	Increase number of through lanes	<input type="checkbox"/>	<input type="checkbox"/>	Road cut/fill	<input type="checkbox"/>	<input type="checkbox"/>	Equipment staging
<input type="checkbox"/>	<input type="checkbox"/>	New alignment	<input type="checkbox"/>	<input type="checkbox"/>	Excavation: anticipated maximum depth _____	<input type="checkbox"/>	<input type="checkbox"/>	Temporary access road/detour
<input type="checkbox"/>	<input type="checkbox"/>	Capacity increasing—other (e.g., channelization)	<input type="checkbox"/>	<input type="checkbox"/>	Drainage/culverts	<input type="checkbox"/>	<input type="checkbox"/>	Utility relocation
<input type="checkbox"/>	<input type="checkbox"/>	Realignment	<input type="checkbox"/>	<input type="checkbox"/>	Flooding protection	<input type="checkbox"/>	<input type="checkbox"/>	Right of way acquisition (if yes, attach map with APN)
<input type="checkbox"/>	<input type="checkbox"/>	Ramp or street closure	<input type="checkbox"/>	<input type="checkbox"/>	Stream channel work	<input type="checkbox"/>	<input type="checkbox"/>	Disposal/borrow sites
<input type="checkbox"/>	<input type="checkbox"/>	Bridge work	<input type="checkbox"/>	<input type="checkbox"/>	Pile driving	<input type="checkbox"/>	<input type="checkbox"/>	Part of larger adjacent project
<input type="checkbox"/>	<input type="checkbox"/>	Vegetation removal	<input type="checkbox"/>	<input type="checkbox"/>	Demolition	<input type="checkbox"/>	<input type="checkbox"/>	Railroad
<input type="checkbox"/>	<input type="checkbox"/>	Tree removal						

Required Attachments:

- Regional map Project location map Project footprint map (existing/proposed right of way)
 Engineering drawings (existing and proposed cross sections), if available Borrow/disposal site location map, if applicable
(Note: all maps (except project location map and regional maps) should be consistent with the project description (minimum scale: 1" = 200').)
 Notes to support the conclusions of this checklist/project description continuation page (attached)

Examine the project for potential effects on the environment, direct or indirect and answer the following questions. The "construction area," as specified below, includes all areas of ground disturbance associated with the project, including staging and stockpiling areas and temporary access roads.

Each answer must be briefly documented on the "Notes" pages at the end of the PES Form.

A. Potential Environmental Effects	Yes	To Be Determined	No
General			
1. Will the project require future construction to fully utilize the design capabilities included in the proposed project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Will the project generate public controversy?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Noise			
3. Is the project a Type I project as defined in 23 CFR 772.5(h); "construction on new location or the physical alteration of an existing highway, which significantly changes either the horizontal or vertical alignment or increases the number of through-traffic lanes"?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Does the project have the potential for adverse construction-related noise impact (such as related to pile driving)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air Quality			
5. Is the project in a NAAQS non-attainment or maintenance area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Is the project exempt from the requirement that a conformity determination be made? (If "Yes," state which conformity exemption in 40 CFR 93.126, Table 2 applies): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Is the project exempt from regional conformity? (If "Yes," state which conformity exemption in 40 CFR 93.127, Table 3 applies): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. If project is not exempt from regional conformity, (If "No" on Question #7) Is project in a metropolitan non-attainment/maintenance area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is project in an isolated rural non-attainment area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is project in a CO, PM10 and/or PM2.5 non-attainment/maintenance area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazardous Materials/Hazardous Waste			
9. Is there potential for hazardous materials (including underground or aboveground tanks, etc.) or hazardous waste (including oil/water separators, waste oil, asbestos-containing material, lead-based paint, ADL, etc.) within or immediately adjacent to the construction area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Quality/Resources			
10. Does the project have the potential to impact water resources (rivers, streams, bays, inlets, lakes, drainage sloughs) within or immediately adjacent to the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Is the project within a designated sole-source aquifer?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Zone			
12. Is the project within the State Coastal Zone, San Francisco Bay, or Suisun Marsh?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Floodplain			
13. Is the construction area located within a regulatory floodway or within the base floodplain (100-year elevation of a watercourse or lake)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wild and Scenic Rivers			
14. Is the project within or immediately adjacent to a Wild and Scenic River System?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biological Resources			
15. Is there a potential for federally listed threatened or endangered species, or their critical habitat or essential fish habitat to occur within or adjacent to the construction area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| 16. Does the project have the potential to directly or indirectly affect migratory birds, or their nests or eggs (such as vegetation removal, box culvert replacement/repair, bridge work, etc.)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. Is there a potential for wetlands to occur within or adjacent to the construction area? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18. Is there a potential for agricultural wetlands to occur within or adjacent to the construction area? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 19. Is there a potential for the introduction or spread of invasive plant species? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Sections 4(f) and 6(f)

- | | | | |
|--|--------------------------|--------------------------|--------------------------|
| 20. Are there any historic sites or publicly owned public parks, recreation areas, wildlife or waterfowl refuges (Section 4[f]) within or immediately adjacent to the construction area? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. Does the project have the potential to affect properties acquired or improved with Land and Water Conservation Fund Act (Section 6[f]) funds? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Visual Resources

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| 22. Does the project have the potential to affect any visual or scenic resources? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|

Relocation Impacts

- | | | | |
|--|--------------------------|--------------------------|--------------------------|
| 23. Will the project require the relocation of residential or business properties? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--|--------------------------|--------------------------|--------------------------|

Land Use, Community, and Farmland Impacts

- | | | | |
|--|--------------------------|--------------------------|--------------------------|
| 24. Will the project require any right of way, including partial or full takes? Consider construction easements and utility relocations. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 25. Is the project inconsistent with plans and goals adopted by the community? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 26. Does the project have the potential to divide or disrupt neighborhoods/communities? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 27. Does the project have the potential to disproportionately affect low-income and minority populations? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 28. Will the project require the relocation of public utilities? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 29. Will the project affect access to properties or roadways? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 30. Will the project involve changes in access control to the State Highway System (SHS)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 31. Will the project involve the use of a temporary road, detour, or ramp closure? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 32. Will the project reduce available parking? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 33. Will the project construction encroach on state or federal lands? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 34. Will the project convert any farmland to a different use or impact any farmlands? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Cultural Resources

- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| 35. Is there National Register listed, or potentially eligible historic properties, or archaeological resources within or immediately adjacent to the construction area?
<i>(Note: Caltrans PQS answers question #35)</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 36. Is the project adjacent to, or would it encroach on Tribal land? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

For Sections B, C, and D, check appropriate box to indicate required technical studies, coordination, permits, or approvals.

B. Required Technical Studies and Analyses	C. Coordination	D. Anticipated Actions/Permits/Approvals
<input type="checkbox"/> Traffic <i>Check one:</i> <input type="checkbox"/> Traffic Study <input type="checkbox"/> Technical Memorandum <input type="checkbox"/> Discussion in ED Only	<input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval <input type="checkbox"/> Approval <input type="checkbox"/> Approval
<input type="checkbox"/> Noise <i>Check as applicable:</i> <input type="checkbox"/> Traffic Related <input type="checkbox"/> Construction Related		

<i>Check one:</i>		
<input type="checkbox"/> Noise Study Report	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> NADR	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Technical Memorandum	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Discussion in ED Only	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Air Quality		
<i>Check as applicable:</i>		
<input type="checkbox"/> Traffic Related		
<input type="checkbox"/> Construction Related		
<i>Check one:</i>		
<input type="checkbox"/> Air Quality Report	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Technical Memorandum	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Discussion in ED Only	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
	<input type="checkbox"/> FHWA	<input type="checkbox"/> Conformity Finding (23 USC 327 CEs, EAs, EISs)
	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Conformity Finding (23 USC 326 CEs)
	<input type="checkbox"/> Regional Agency	<input type="checkbox"/> PM10/PM2.5 Interagency Consultation
<input type="checkbox"/> Hazardous Materials/ Hazardous Waste		
<i>Check as applicable:</i>		
<input type="checkbox"/> Initial Site Assessment (Phase 1)	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Preliminary Site Assessment (Phase 2)	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Discussion in ED Only	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
	<input type="checkbox"/> Cal EPA DTSC	<input type="checkbox"/> Review Database
	<input type="checkbox"/> Local Agency	<input type="checkbox"/> Review Database
<input type="checkbox"/> Water Quality/Resources		
<i>Check as applicable:</i>		
<input type="checkbox"/> Water Quality Assess. Report	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Technical Memorandum	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Discussion in ED Only	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Sole-Source Aquifer (Districts 5, 6 and 11)	<input type="checkbox"/> EPA (S.F. Regional Office)	<input type="checkbox"/> Approval of Analysis in ED
<input type="checkbox"/> Coastal Zone	<input type="checkbox"/> CCC	<input type="checkbox"/> Coastal Zone Consistency Determination

B. Required Technical Studies and Analyses	C. Coordination	D. Anticipated Actions/Permits/Approvals
<input type="checkbox"/> Floodplain		
<i>Check as applicable:</i>		
<input type="checkbox"/> Location Hydraulic Study	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Floodplain Evaluation Report	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Summary Floodplain Encroachment Report	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Only Practicable Alternative Finding
	<input type="checkbox"/> FHWA	<input type="checkbox"/> Approves significant encroachments and concurs in Only Practicable Alternative Findings
<input type="checkbox"/> Wild and Scenic Rivers	<input type="checkbox"/> River Managing Agency	<input type="checkbox"/> Wild and Scenic Rivers Determination
<input type="checkbox"/> Biological Resources		
<i>Check as applicable:</i>		
<input type="checkbox"/> NES, Minimal Impact	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> NES		
<input type="checkbox"/> BA	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approves for Consultation
	<input type="checkbox"/> USFWS <input type="checkbox"/> NOAA Fisheries	<input type="checkbox"/> Section 7 Informal/Formal Consultation
<input type="checkbox"/> EFH Evaluation	<input type="checkbox"/> NOAA Fisheries	<input type="checkbox"/> MSA Consultation
<input type="checkbox"/> Bio-Acoustic Evaluation	<input type="checkbox"/> NOAA Fisheries	<input type="checkbox"/> Approval
<input type="checkbox"/> Technical Memorandum	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Wetlands		
<i>Check as applicable:</i>		
<input type="checkbox"/> WD and Assessment	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
	<input type="checkbox"/> ACOE	<input type="checkbox"/> Wetland Verification
	<input type="checkbox"/> NRCS	<input type="checkbox"/> Agricultural Wetland Verification
	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Wetlands Only Practicable Alternative Finding
<input type="checkbox"/> Invasive Plants		
<input type="checkbox"/> Discussion in ED Only	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Section 4(f)		
<i>Check as applicable:</i>		
	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Determine Temporary Occupancy
<input type="checkbox"/> De minimis	<input type="checkbox"/> Caltrans	<input type="checkbox"/> De minimis finding
<input type="checkbox"/> Programmatic 4(f) Evaluation Type: _____	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
<input type="checkbox"/> Individual 4(f) Evaluation	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval
	<input type="checkbox"/> Agency with Jurisdiction	
	<input type="checkbox"/> SHPO	
	<input type="checkbox"/> DOI	
	<input type="checkbox"/> HUD	
	<input type="checkbox"/> USDA	

B. Required Technical Studies and Analyses	C. Coordination	D. Anticipated Actions/Permits/Approvals
<input type="checkbox"/> Section 6(f)	<input type="checkbox"/> Agency with Jurisdiction <input type="checkbox"/> NPS	<input type="checkbox"/> Determines Consistency with Long-Term Management Plan
	<input type="checkbox"/> NPS	<input type="checkbox"/> Approves Conversion
<input type="checkbox"/> Visual Resources <input type="checkbox"/> Technical Memorandum <input type="checkbox"/> Minor VIA <input type="checkbox"/> Moderate VIA <input type="checkbox"/> Advance/Complex VIA	<input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval <input type="checkbox"/> Approval <input type="checkbox"/> Approval <input type="checkbox"/> Approval
<input type="checkbox"/> Relocation Impacts <i>Check one:</i> <input type="checkbox"/> Relocation Impact Memo <input type="checkbox"/> Relocation Impact Study <input type="checkbox"/> Relocation Impact Report	<input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval <input type="checkbox"/> Approval <input type="checkbox"/> Approval
<input type="checkbox"/> Land Use and Community Impacts <i>Check one:</i> <input type="checkbox"/> CIA <input type="checkbox"/> Technical Memorandum <input type="checkbox"/> Discussion in ED Only	<input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval <input type="checkbox"/> Approval <input type="checkbox"/> Approval
<input type="checkbox"/> Construction/Encroachment on State Lands <i>Check as applicable:</i> <input type="checkbox"/> SLC Jurisdiction <input type="checkbox"/> Caltrans Jurisdiction <input type="checkbox"/> SP Jurisdiction	<input type="checkbox"/> SLC <input type="checkbox"/> Caltrans <input type="checkbox"/> SP	<input type="checkbox"/> SLC Lease <input type="checkbox"/> Encroachment Permit <input type="checkbox"/> Encroachment Permit
<input type="checkbox"/> Construction/Encroachment on Federal Lands	<input type="checkbox"/> Federal Agency with Jurisdiction	<input type="checkbox"/> Encroachment Permit
<input type="checkbox"/> Construction/Encroachment On Indian Trust Lands	<input type="checkbox"/> Bureau of Indian Affairs	<input type="checkbox"/> Right of Way Permit
<input type="checkbox"/> Farmlands <i>Check one:</i> <input type="checkbox"/> CIA <input type="checkbox"/> Technical Memorandum <input type="checkbox"/> Discussion in ED Only	<input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans <input type="checkbox"/> Caltrans	<input type="checkbox"/> Approval <input type="checkbox"/> Approval <input type="checkbox"/> Approval
<i>Check as applicable:</i> <input type="checkbox"/> Form AD 1006 <input type="checkbox"/> Conversion to Non-Agri Use	<input type="checkbox"/> NRCS <input type="checkbox"/> CDOC <input type="checkbox"/> ACOE	<input type="checkbox"/> Approves Conversion <input type="checkbox"/> Approves Conversion

B. Required Technical Studies and Analyses	C. Coordination	D. Anticipated Actions/Permits/ Approvals
<input type="checkbox"/> Cultural Resources (PQS completes this section) <i>Check as applicable:</i>		
<input type="checkbox"/> APE Map	<input type="checkbox"/> Caltrans PQS	<input type="checkbox"/> Screened Undertaking
	<input type="checkbox"/> Caltrans PQS and DLAE	<input type="checkbox"/> Approves APE Map
<input type="checkbox"/> HPSR <input type="checkbox"/> ASR <input type="checkbox"/> HRER	<input type="checkbox"/> Local Preservation Groups and/or Native American Tribes <input type="checkbox"/> Caltrans	<input type="checkbox"/> Provides Comments Regarding Concerns with Project <input type="checkbox"/> Approves for Consultation
<input type="checkbox"/> Finding of Effect Report	<input type="checkbox"/> Caltrans	<input type="checkbox"/> Concurs on No Effect, No Adverse Effect with Standard Conditions
	<input type="checkbox"/> SHPO	<input type="checkbox"/> Letter of Concurrence on Eligibility, No Adverse Effect without Standard
<input type="checkbox"/> MOA	<input type="checkbox"/> Caltrans <input type="checkbox"/> SHPO <input type="checkbox"/> ACHP (if requested)	<input type="checkbox"/> Approves MOA <input type="checkbox"/> Approves MOA <input type="checkbox"/> Approves MOA
<input type="checkbox"/> Permits Copies of permits and a list of mitigation commitments are mandatory submittals following NEPA approval.	<input type="checkbox"/> ACOE <input type="checkbox"/> ACOE <input type="checkbox"/> Caltrans/ACOE/EPA <input type="checkbox"/> USFWS <input type="checkbox"/> NOAA Fisheries <input type="checkbox"/> ACOE <input type="checkbox"/> USCG <input type="checkbox"/> RWQCB <input type="checkbox"/> CDFG <input type="checkbox"/> RWQCB <input type="checkbox"/> CCC <input type="checkbox"/> Local Agency <input type="checkbox"/> BCDC	<input type="checkbox"/> Section 404 Nationwide Permit <input type="checkbox"/> Section 404 Individual Permit <input type="checkbox"/> NEPA/404 Integration MOU <input type="checkbox"/> Rivers and Harbors Act Section 10 Permit <input type="checkbox"/> USCG Bridge Permit <input type="checkbox"/> Section 401 Water Quality Certification <input type="checkbox"/> Section 1602 Streambed Alteration Agreement <input type="checkbox"/> NPDES Permit <input type="checkbox"/> Coastal Zone Permit <input type="checkbox"/> BCDC Permit

Notes: Additional studies may be required for other federal agencies.

ACHP	=	Advisory Council on Historic Preservation	HRER	=	Historical Resources Evaluation Report
ACOE	=	U.S. Army Corps of Engineers	HUD	=	U.S. Housing and Urban Development
ADL	=	Aerially Deposited Lead	MOA	=	Memorandum of Agreement
APE	=	Area of Potential Effect	MSA	=	Magnuson-Stevens Fishery Conservation and Management Act
APN	=	Assessor Parcel Number	NEPA	=	National Environmental Policy Act
ASR	=	Archaeological Survey Report	NADR	=	Noise Abatement Decision Report
BA	=	Biological Assessment	NES	=	Natural Environment Study
BCDC	=	Bay Conservation and Development Commission	NHPA	=	National Historic Preservation Act
BE	=	Biological Evaluation	NOAA	=	National Oceanic and Atmospheric Administration
BO	=	Biological Opinion	NMFS	=	National Marine Fisheries Service
Cal EPA	=	California Environmental Protection Agency	NPDES	=	National Pollutant Discharge Elimination System
CCC	=	California Coastal Commission	NPS	=	National Park Service
CDFG	=	California Department of Fish and Game	NRCS	=	Natural Resources Conservation Service
CDOC	=	California Department of Conservation	PM10	=	Particulate Matter 10 Microns in Diameter or Less
CE	=	Categorical Exclusion	PM2.5	=	Particulate Matter 2.5 Microns in Diameter or Less
CIA	=	Community Impact Assessment	PMP	=	Project Management Plan
CWA	=	Clean Water Act	PQS	=	Professionally Qualified Staff
DLAE	=	District Local Assistance Engineer	ROD	=	Record of Decision
DOI	=	U.S. Department of Interior	RTIP	=	Regional Transportation Improvement Program
DTSC	=	Department of Toxic Substances Control	RTP	=	Regional Transportation Plan
EA	=	Environmental Assessment	RWQCB	=	Regional Water Quality Control Board
ED	=	Environmental Document	SER	=	Standard Environmental Reference
EFH	=	Essential Fish Habitat	SEP	=	Senior Environmental Planner
EIS	=	Environmental Impact Statement	SHPO	=	State Historic Preservation Officer
EPA	=	U.S. Environmental Protection Agency	SLC	=	State Lands Commission
FEMA	=	Federal Emergency Management Agency	SP	=	State Parks
FHWA	=	Federal Highway Administration	TIP	=	Transportation Improvement Program
FONSI	=	Finding of No Significant Impacted	USCG	=	U.S. Coast Guard
FTIP	=	Federal Transportation Improvement Program	USDA	=	U.S. Department of Agriculture
HPSR	=	Historic Property Survey Report	USFWS	=	U.S. Fish and Wildlife Service
			WD	=	Wetland Delineation

E. Preliminary Environmental Document Classification (NEPA)

Based on the evaluation of the project, the environmental document to be developed should be:

Check one:

- Environmental Impact Statement (Note: Engagement with participating agencies in accordance with 23 USC 139 required)
 - Compliance with 23 USC 139 regarding Participating Agencies required
- Complex Environmental Assessment
- Routine Environmental Assessment
- Categorical Exclusion without required technical studies.
- Categorical Exclusion with required technical studies
 - (if Categorical Exclusion is selected, check one of the following):
 - Section 23 USC 326
 - 23 CFR 771 activity (c)(____)
 - 23 CFR 771 activity (d) (____)
 - Activity _____ listed in the Section 23 USC 326
 - Section 23 USC 327

F. Public Availability and Public Hearing

Check as applicable:

- Not Required
- Notice of Availability of Environmental Document
- Public Meeting
- Notice of Opportunity for a Public Hearing
- Public Hearing Required

G. Signatures

Local Agency Staff and/or Consultant Signature



 (Signature of Preparer)

 (Date)

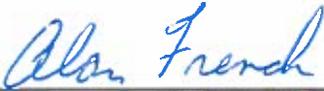
 (Telephone No.)

Hector Ramirez-Consultant to the City of Grand Terrace

 (Name)

Local Agency Project Engineer Signature

This document was prepared under my supervision, according to the *Local Assistance Procedures Manual*, Exhibit 6-B, "Instructions for Completing the Preliminary Environmental Study Form."



 (Signature of Local Agency)

 (Date)

 (Telephone No.)

Caltrans District Professionally Qualified Staff (PQS) Signature

- Project does not meet definition of an “undertaking”; no further review is necessary under Section 106 (“No” Section A, #35).
- Project is limited to the type of activity listed in Attachment 2 of the Section 106 PA and based on the information provided in the PES Form, the project does not have the potential to affect historic properties (“No” Section A, #35).
- Project is limited to the type of activity listed in Attachment 2 of the Section 106 PA, but the following additional procedures or information is needed to determine the potential for effect (“To Be Determined” Section A, #35):
 - Records Search _____ _____ _____
- Project meets the definition of an “undertaking”; all properties in the project area are exempt from evaluation per Attachment 4 of the Section 106 PA (“No” Section A, #35).
- The proposed undertaking is considered to have the potential to affect historic properties; further studies for 106 compliance are indicated in Sections B, C, and D of this PES Form (“Yes” Section A, #35).

(Signature of Professionally Qualified Staff) _____ *(Date)* _____ *(Telephone No.)*

The following signatures are required for all CEs, routine and complex EAs, and EISs:

Caltrans District Senior Environmental Planner (or Designee) and DLAE Signatures

I have reviewed this Preliminary Environmental Study (PES) Form and determined that the submittal is complete and sufficient. I concur with the studies to be performed and the recommended NEPA Class of Action.

(Signature of Senior Environmental Planner or Designee) _____ *(Date)* _____ *(Telephone No.)*

(Name)

(Signature of District Local Assistance Engineer or Designee) _____ *(Date)* _____ *(Telephone No.)*

(Name)

HQ DEA Environmental Coordinator concurrence _____ . Email concurrence attached.
(date)

Preliminary Environmental Investigation
Notes to Support the Conclusions of the PES Form
(May Also Include Continuation of Detailed Project Description)

Brief Explanation of How Project Complies, or Will Comply with Applicable Federal Mandate (Part A):

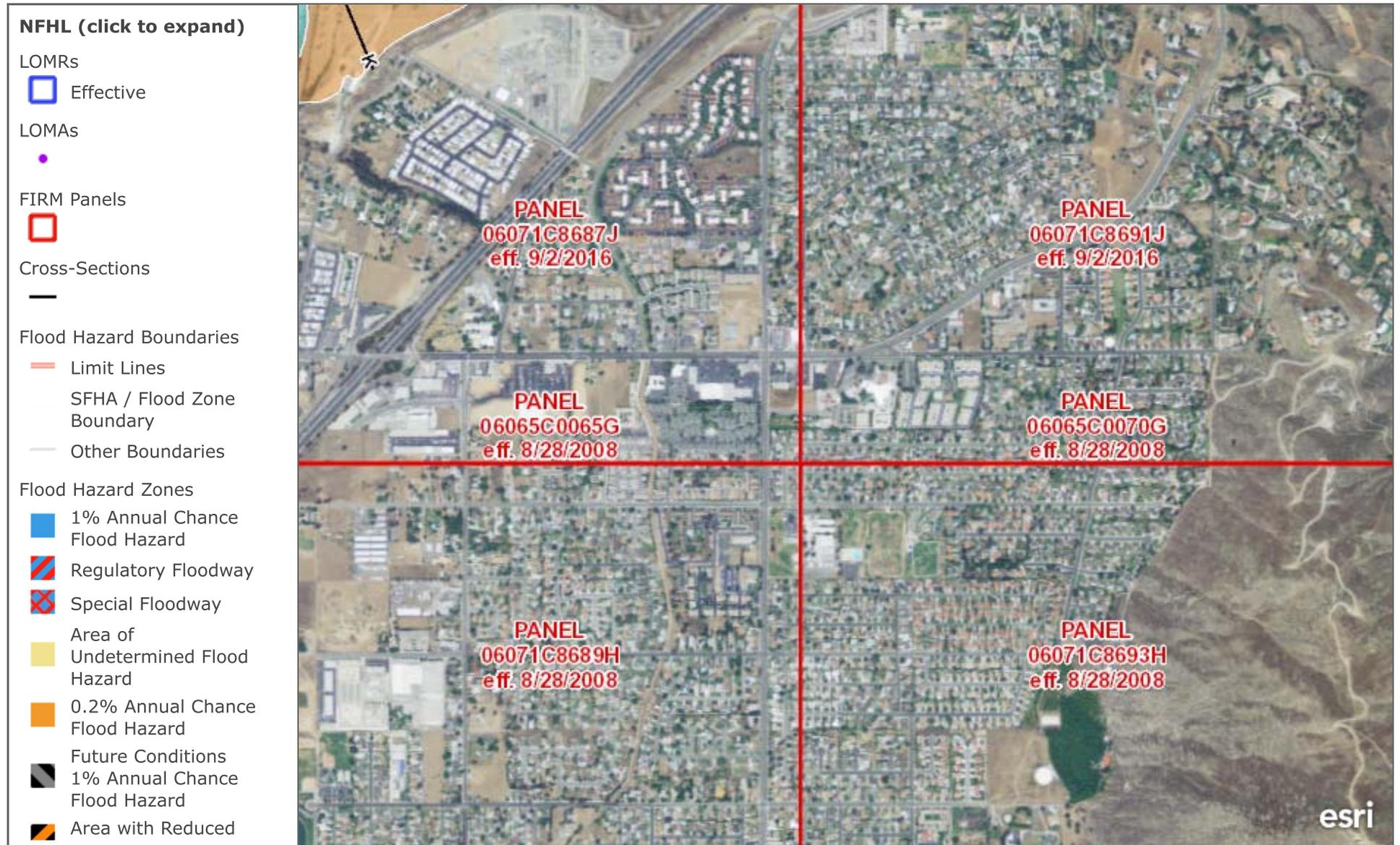
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Distribution 1) Original - DLAE, 2) Local Agency Project Manager, 3) DLA Environmental Coordinator
4) Senior Environmental Planner (or designee), 5) District PQS

Updated: 05/15/08

FEMA's National Flood Hazard Layer (Official)



Data from Flood Insurance Rate Maps (FIRMs) where available digitally. New NFHL FIRMette Print app available:
<http://tinyurl.com/j4xwp5e>

0.6mi

USGS The National Map: Orthoimagery | National Geospatial-Intelligence Agency (NGA); Delta State University; Esri | Print here instead:
<http://tinyurl.com/j4xwp5e> Support: FEMAMapSpecialist@riskmapcds.com | USGS The National Map: Orthoimagery

GEOTRACKER

Sites and Facilities - [INFO](#)

Tools

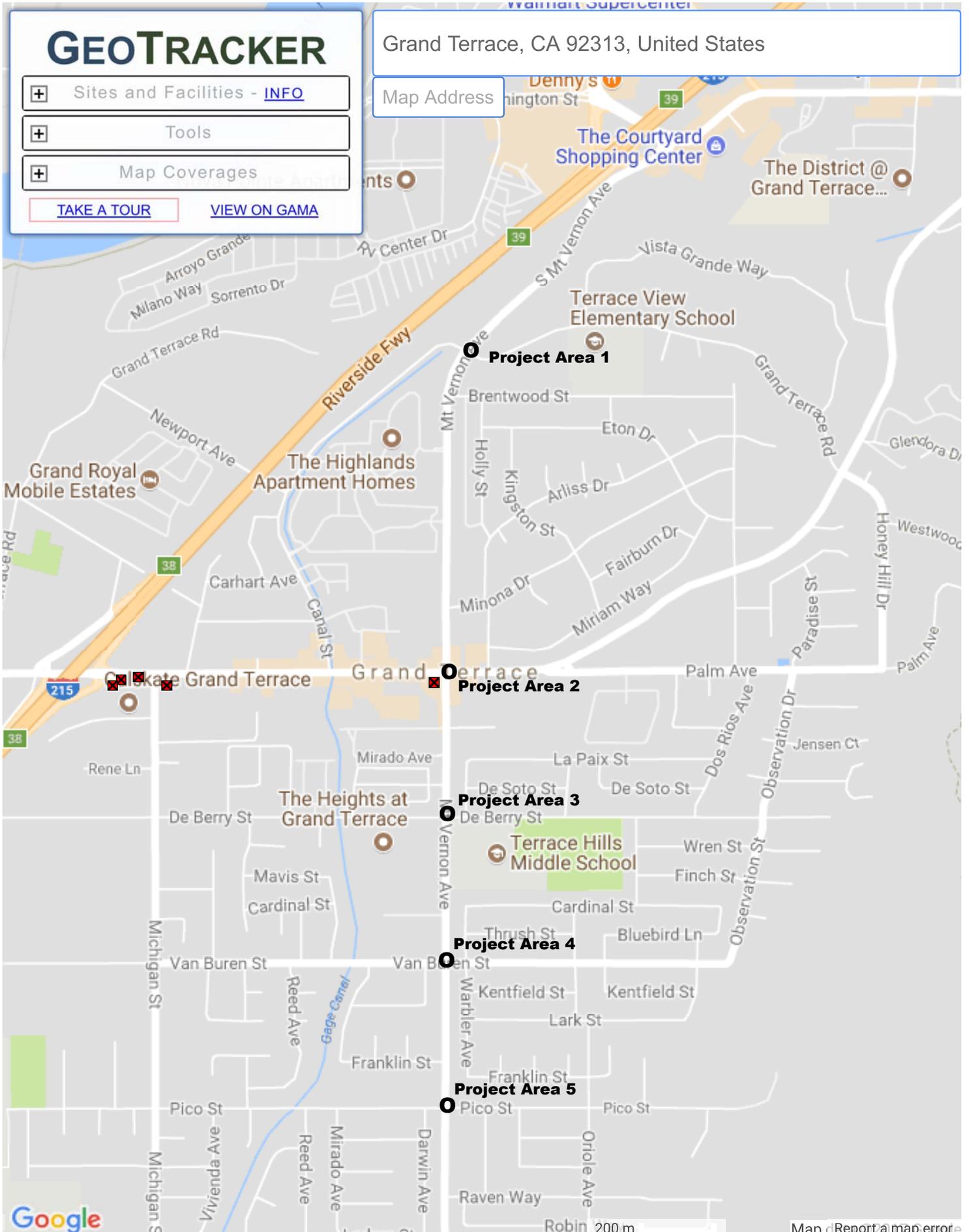
Map Coverages

[TAKE A TOUR](#)

[VIEW ON GAMA](#)

Grand Terrace, CA 92313, United States

Map Address



SITES CURRENTLY VISIBLE ON MAP

Map © Report a map error



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Carlsbad Fish And Wildlife Office
2177 Salk Avenue - Suite 250
Carlsbad, CA 92008-7385
Phone: (760) 431-9440 Fax: (760) 431-5901
<http://www.fws.gov/carlsbad/>

In Reply Refer To:

October 03, 2017

Consultation Code: 08ECAR00-2018-SLI-0008

Event Code: 08ECAR00-2018-E-00020

Project Name: Mount Vernon Corridor Intersection Improvement Project

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, and proposed species, designated critical habitat, and candidate species 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 ECOS-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 ECOS-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:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

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 Tracking Number 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:

Carlsbad Fish And Wildlife Office
2177 Salk Avenue - Suite 250
Carlsbad, CA 92008-7385
(760) 431-9440

Project Summary

Consultation Code: 08ECAR00-2018-SLI-0008

Event Code: 08ECAR00-2018-E-00020

Project Name: Mount Vernon Corridor Intersection Improvement Projec

Project Type: TRANSPORTATION

Project Description: Proposed improvements include upgrading intersection and crosswalk pavement markings, installation of advanced speed feedback warning signs, and the installation of segment lighting along strategic site locations along the stretch of Mount Vernon Avenue between Canal Street/Grand Terrace Road and Pico Street.

The project is limited to five (5) intersections along Mount Vernon Avenue in the City of Grand Terrace: Mount Vernon Avenue and Canal Street/Grand Terrace Road, Mount Vernon Avenue and Barton Road, Mount Vernon Avenue and De Berry Street, Mount Vernon Avenue and Van Buren Street, and Mount Vernon Avenue and Pico Street.

Project Location:

Approximate location of the project can be viewed in Google Maps:

<https://www.google.com/maps/place/34.03246033470282N117.31364250183107W>



Counties: San Bernardino, CA

Endangered Species Act Species

There is a total of 11 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. 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.

Mammals

NAME	STATUS
San Bernardino Merriam's Kangaroo Rat <i>Dipodomys merriami parvus</i> There is final designated critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2060	Endangered
Stephens' Kangaroo Rat <i>Dipodomys stephensi (incl. D. cascus)</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/3495	Endangered

Birds

NAME	STATUS
Coastal California Gnatcatcher <i>Polioptila californica californica</i> There is final designated critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8178	Threatened
Least Bell's Vireo <i>Vireo bellii pusillus</i> There is final designated critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5945	Endangered
Southwestern Willow Flycatcher <i>Empidonax traillii extimus</i> There is final designated critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6749	Endangered

Fishes

NAME	STATUS
Santa Ana Sucker <i>Catostomus santaanae</i> Population: 3 CA river basins There is final designated critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/3785	Threatened

Insects

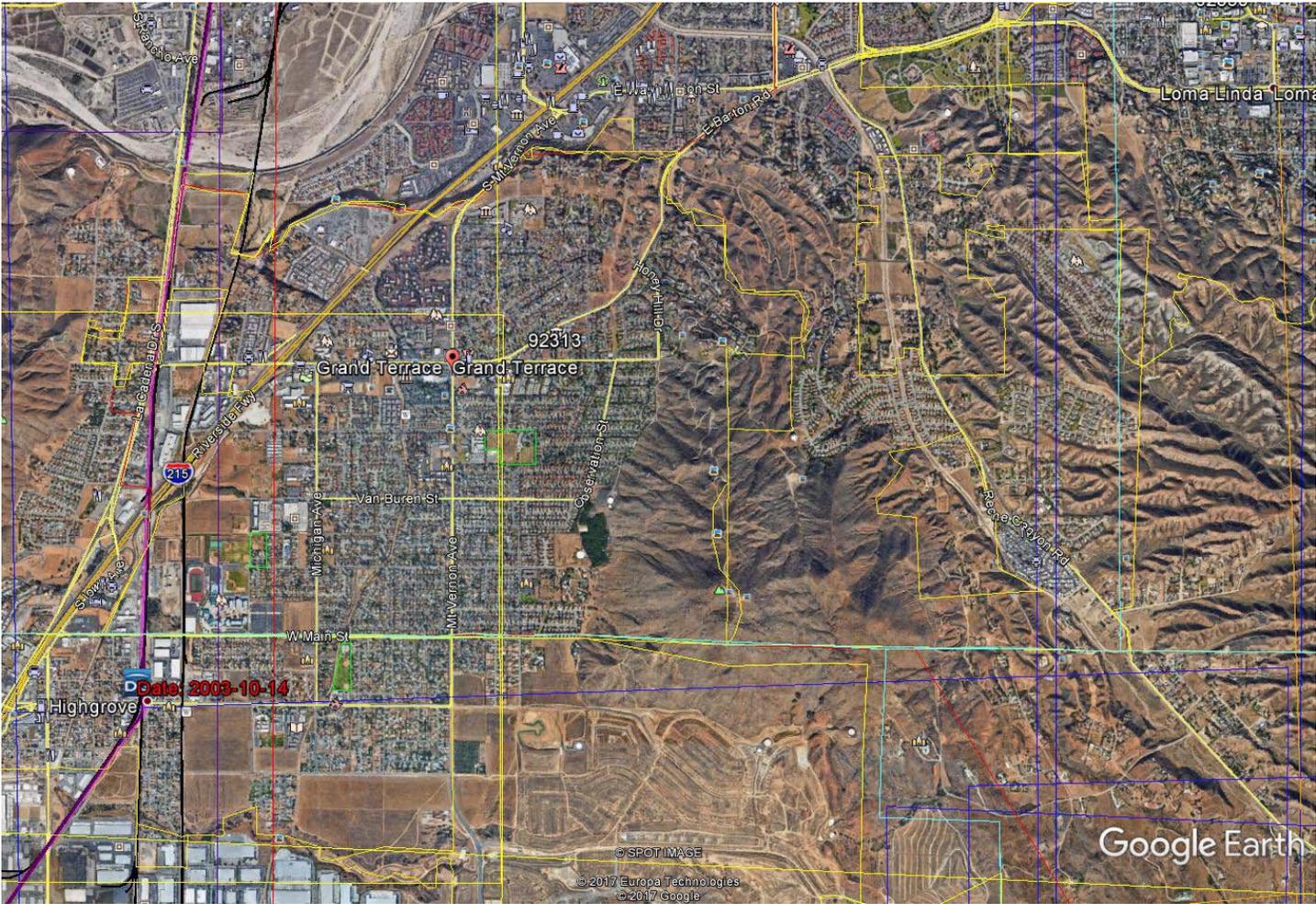
NAME	STATUS
Delhi Sands Flower-loving Fly <i>Rhaphiomidas terminatus abdominalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1540	Endangered

Flowering Plants

NAME	STATUS
Gambel's Watercress <i>Rorippa gambellii</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4201	Endangered
San Diego Ambrosia <i>Ambrosia pumila</i> There is final designated critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8287	Endangered
Santa Ana River Woolly-star <i>Eriastrum densifolium ssp. sanctorum</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6575	Endangered
Slender-horned Spineflower <i>Dodecahema leptoceras</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4007	Endangered

Critical habitats

There are no critical habitats within your project area under this office's jurisdiction.



Google Earth



Questionnaire to Determine Visual Impact Assessment (VIA) Level

Use the following questions and subsequent score as a guide to help determine the appropriate level of VIA documentation. This questionnaire assists the VIA preparer (i.e. Landscape Architect) in estimating the probable visual impacts of a proposed project on the environment and in understanding the degree and breadth of the possible visual issues. The goal is to develop a suitable document strategy that is thorough, concise and defensible.

Enter the project name and consider each of the ten questions below. Select the response that most closely applies to the proposed project and corresponding number on the right side of the table. Points are automatically computed at the bottom of the table and the total score should be matched to one of the five groups of scores at the end of the questionnaire that include recommended levels of VIA study and associated annotated outlines (i.e., minor, moderate, advanced/complex).

This scoring system should be used as a preliminary guide and should not be used as a substitute for objective analysis on the part of the preparer. Although the total score may recommend a certain level of VIA document, circumstances associated with any one of the ten question-areas may indicate the need to elevate the VIA to a greater level of detail. For projects done by others on the State Highway System, the District Landscape Architect should be consulted when scoping the VIA level and provide concurrence on the level of analysis used.

Calculate VIA Level Score

PROJECT NAME: Mt. Vernon Corridor Intersection Improvement Project	
CHANGE TO VISUAL ENVIRONMENT	
<p>1. Will the project result in a noticeable change in the physical characteristics of the existing environment?</p> <p><i>Consider all project components and construction impacts - both permanent and temporary, including landform changes, structures, noise barriers, vegetation removal, railing, signage, and contractor activities.</i></p>	<input type="text" value="No Noticeable Change (0 points)"/> ▼
<p>2. Will the project complement or contrast with the visual character desired by the community?</p> <p>Evaluate the scale and extent of the project features compared to the surrounding scale of the community. Is the project likely to give an urban appearance to an existing rural or suburban community? Do you anticipate that the change will be viewed by the public as positive or negative? Research planning documents, or talk with local planners and community representatives to understand the type of visual environment local residents envision for their community.</p>	<input type="text" value="High Compatibility (1 point)"/> ▼
<p>3. What level of local concern is there for the types of project features (e.g., bridge structures, large excavations, sound barriers, or median</p>	<input type="text" value="Negligible Project Features (0 points)"/> ▼

planting removal) and construction impacts that are proposed?

Certain project improvements can be of special interest to local citizens, causing a heightened level of public concern, and requiring a more focused visual analysis.

4. Will the project require redesign or realignment to minimize adverse change or will mitigation, such as landscape or architectural treatment, likely be necessary?

Consider the type of changes caused by the project, i.e., can undesirable views be screened or will desirable views be permanently obscured so a redesign should be considered?

No Mitigation Likely (0 points) ▼

5. Will this project, when seen collectively with other projects, result in an aggregate adverse change (cumulative impacts) in overall visual quality or character?

Identify any projects (both Caltrans and local) in the area that have been constructed in recent years and those currently planned for future construction. The window of time and the extent of area applicable to possible cumulative impacts should be based on a reasonable anticipation of the viewing public's perception.

Cumulative Impacts Unlikely to Occur (1 point) ▼

VIEWER SENSITIVITY

1. What is the potential that the project proposal will be controversial within the community, or opposed by any organized group?

This can be researched initially by talking with Caltrans and local agency management and staff familiar with the affected community's sentiments as evidenced by past projects and/or current information.

No Potential (0 point) ▼

2. How sensitive are potential viewer-groups likely to be regarding visible changes proposed by the project?

Consider among other factors the number of viewers within the group, probable viewer expectations, activities, viewing duration, and orientation. The expected viewer sensitivity level may be scoped by applying professional judgment, and by soliciting information from other Caltrans staff, local agencies and community representatives familiar with the affected

Low Sensitivity (1 point) ▼

community's sentiments and demonstrated concerns.	
<p>3. To what degree does the project's aesthetic approach appear to be consistent with applicable laws, ordinances, regulations, policies or standards?</p> <p>Although the State is not always required to comply with local planning ordinances, these documents are critical in understanding the importance that communities place on aesthetic issues. The Caltrans Environmental Planning branch may have copies of the planning documents that pertain to the project. If not, this information can be obtained by contacting the local planning department. Also, many local and state planning documents can be found online at the California Land Use Planning Network.</p>	<p>High Compatibility (1 point) ▼</p>
<p>4. Are permits going to be required by outside regulatory agencies (i.e., Federal, State, or local)?</p> <p>Permit requirements can have an unintended consequence on the visual environment. Anticipated permits, as well as specific permit requirements - which are defined by the permitted, may be determined by talking with the project Environmental Planner and Project Engineer. Note: coordinate with the Caltrans representative responsible for obtaining the permit prior to communicating directly with any permitting agency.</p>	<p>No (1 point) ▼</p>
<p>5. Will the project sponsor or public benefit from a more detailed visual analysis in order to help reach consensus on a course of action to address potential visual impacts?</p> <p>Consider the proposed project features, possible visual impacts, and probable mitigation recommendations.</p>	<p>No (1 point) ▼</p>
<p>Calculate Total</p> <p><i>It is recommended that you print a copy of these calculations for the project file.</i></p>	
<p>PROJECT SCORE: 6</p>	

Select An Outline Based Upon Project Score

The total score will indicate the recommended VIA level for the project. In addition to considering circumstances relating to any one of the ten questions-areas that would justify elevating the VIA level, also consider any other project factors that would have an effect on level selection.

SCORE 6-9

No noticeable visual changes to the environment are proposed and no further analysis is required. Print out a copy of this completed questionnaire for your project file or Preliminary Environmental Study (PES).

SCORE 10-14

Negligible visual changes to the environment are proposed. A brief [Memorandum](#) (see sample) addressing visual issues providing a rationale why a technical study is not required.

SCORE 15-19

Noticeable visual changes to the environment are proposed. An abbreviated VIA is appropriate in this case. The assessment would briefly describe project features, impacts and any avoidance and minimization measures. Visual simulations would be optional. Go to the [Directions](#) for using and accessing the Minor VIA Annotated Outline.

SCORE 20-24

Noticeable visual changes to the environment are proposed. A fully developed VIA is appropriate. This technical study will likely receive public review. Go to the [Directions](#) for using and accessing the Moderate VIA Annotated Outline.

SCORE 25-30

Noticeable visual changes to the environment are proposed. A fully developed VIA is appropriate that includes photo simulations. It is appropriate to alert the Project Development Team to the potential for highly adverse impacts and to consider project alternatives to avoid those impacts. Go to the [Directions](#) for using and accessing the Advanced/Complex VIA Annotated Outline.



Groundwater Basin Boundary Assessment Tool

Boundary References

Geology References

Clear all

Boundary References

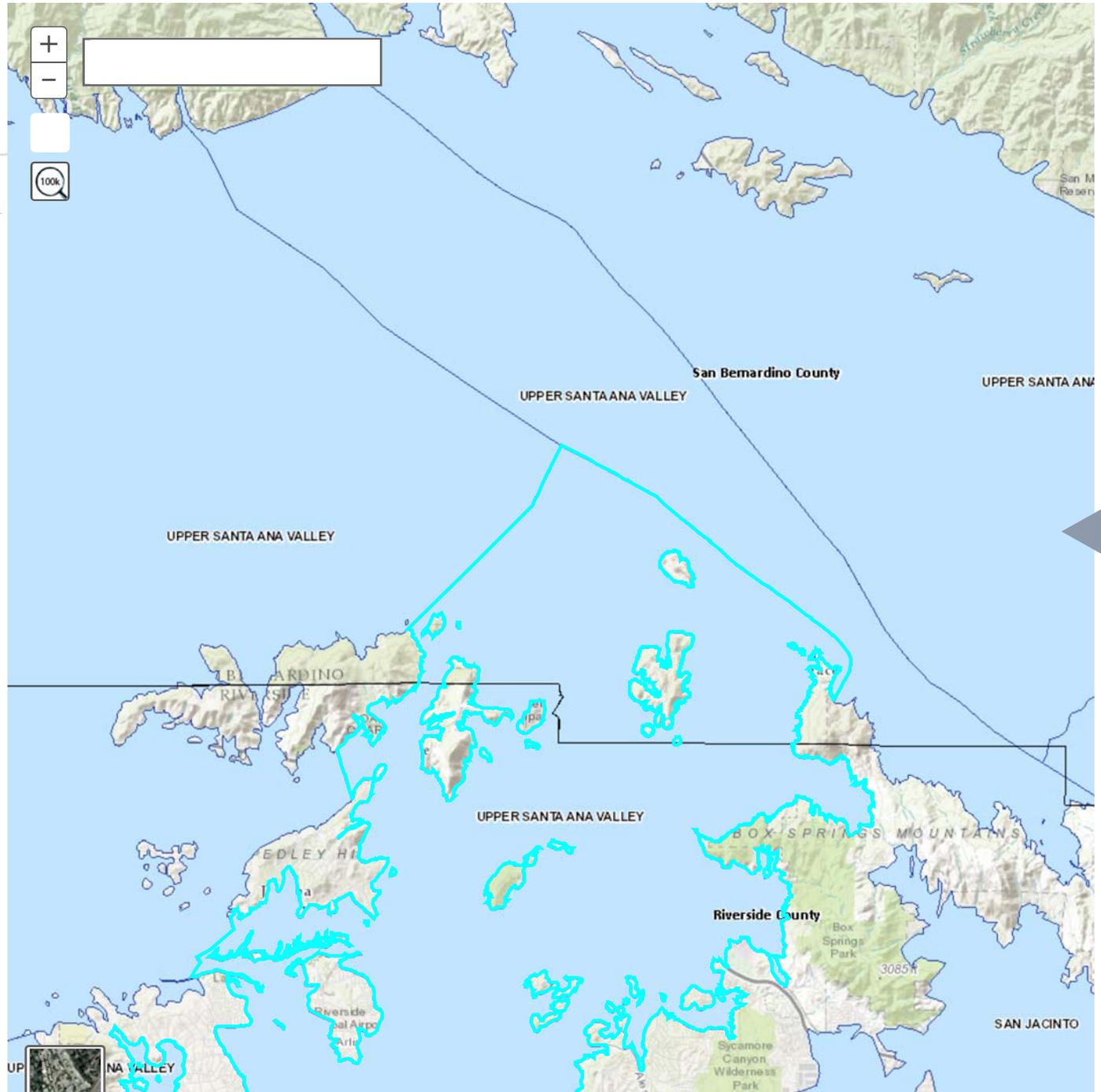
County Boundaries

County Boundary

- Region Office Service Areas
- Hydrologic Regions
- Prop 1 Funding Areas
- Regional Water Quality Control Board Boundaries
- Tribal Lands
- Military Installations, Ranges, and Training Areas
- CDFW Lands
- Regional Flood Planning Boundaries
- Reclamation Districts
- Adjudicated Regions
- Critically Overdrafted Basins
- CASGEM Designated Monitoring Entities
- CASGEM Groundwater Basin Prioritization
- Groundwater Management Plans
- B118-2016

Groundwater Basins

- B118-2003
- IRWM Regions
- US Forest Service Land
- Disadvantaged Community Block Groups
- Disadvantaged Community Tracts
- Disadvantaged Community Places
- Water Agencies
- Watersheds



Satellite

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Project Description

Project area includes the Mt. Vernon Avenue corridor from Canal Street/Grand Terrace Road to Pico Street with an emphasis on the following intersections:

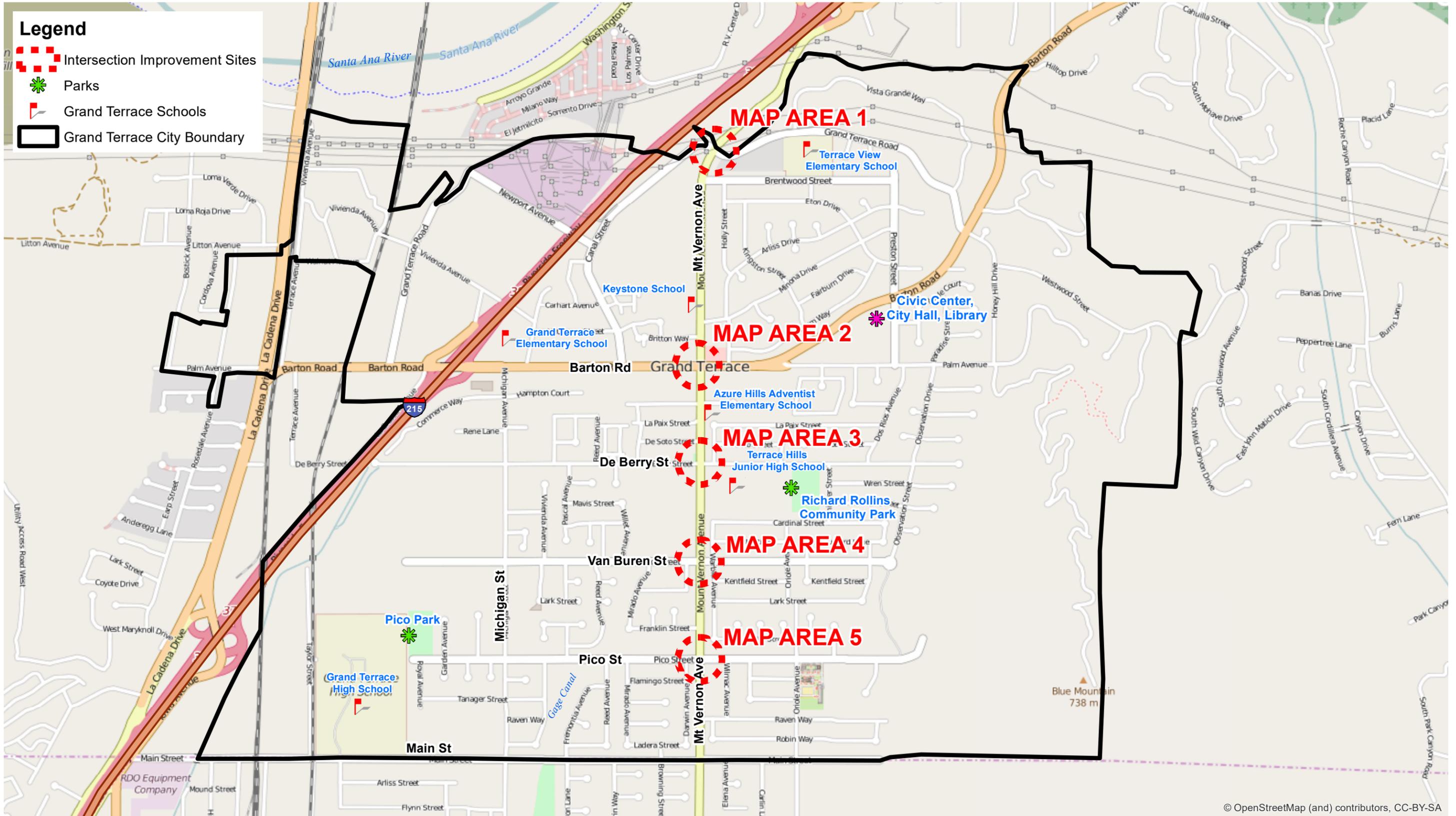
- Mt. Vernon Avenue and Canal Street/Grand Terrace Road
- Mt. Vernon Avenue and Barton Road
- Mt. Vernon Avenue and De Berry Street
- Mt. Vernon Avenue and Van Buren Street
- Mt. Vernon Avenue and Pico Street

The proposed improvements include the installation of radar speed feedback signage along the stretch of Mt. Vernon Avenue between Canal Street/Grand Terrace Road and Pico Street, street and pedestrian crossing pavement marking improvements at Grand Terrace Road, De Berry Street, and Pico Street, and enhanced street lighting along selected segments of Mt. Vernon Avenue.

Based on a cumulative analysis of collisions and the City's evaluation of high priority corridors for safety improvement needs, the City staff recommends the installation of three countermeasures along Mt. Vernon Avenue to achieve significant safety reductions along this corridor: 1) Installation of radar speed feedback signs, 2) Improvements to roadway and crosswalk pavement markings along impacted intersections and approaches, and 3) Installation of street lighting at strategic locations where roadway and intersection visibility is poor.

No vegetation is expected to be removed to make the project improvements. Any digging will comply with the required standards for footing placement of segment lighting and signs. Street lights and signs are expected to be solar powered thus reducing if not eliminating the need to dig for hard wiring.

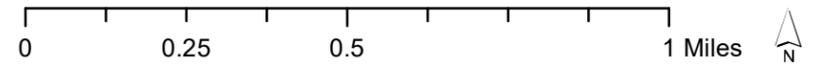
City of Grand Terrace Project Map



Legend

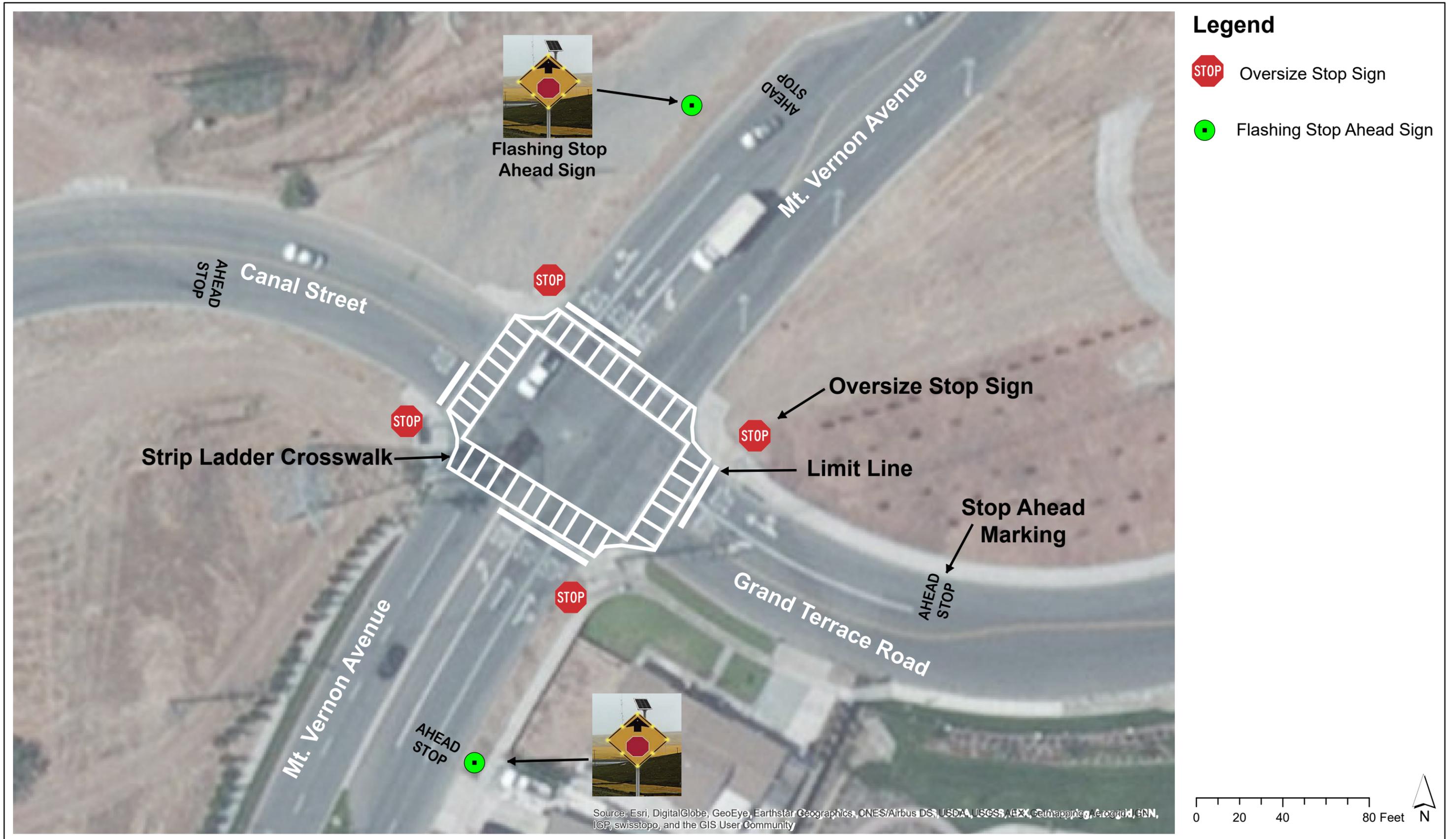
- Intersection Improvement Sites (Red dashed line with square markers)
- Parks (Green star icon)
- Grand Terrace Schools (Red square icon)
- Grand Terrace City Boundary (Black solid line)

Data Source: ESRI, SANBAG



© OpenStreetMap (and) contributors, CC-BY-SA

MAP 1 - City of Grand Terrace: Mt. Vernon Avenue and Canal Street



HSIP CYCLE 8-CITY OF GRAND TERRACE: INSTALL LARGE STOP SIGN AND FLASHING STOP AHEAD SIGN

MAP 2 - City of Grand Terrace: Mt. Vernon Avenue and Barton Road



HSIP CYCLE 8-CITY OF GRAND TERRACE: INSTALL STRIP LADDER CROSSWALK AND LIMIT LINE

MAP 3 - City of Grand Terrace: Mt. Vernon Avenue and De Berry Street



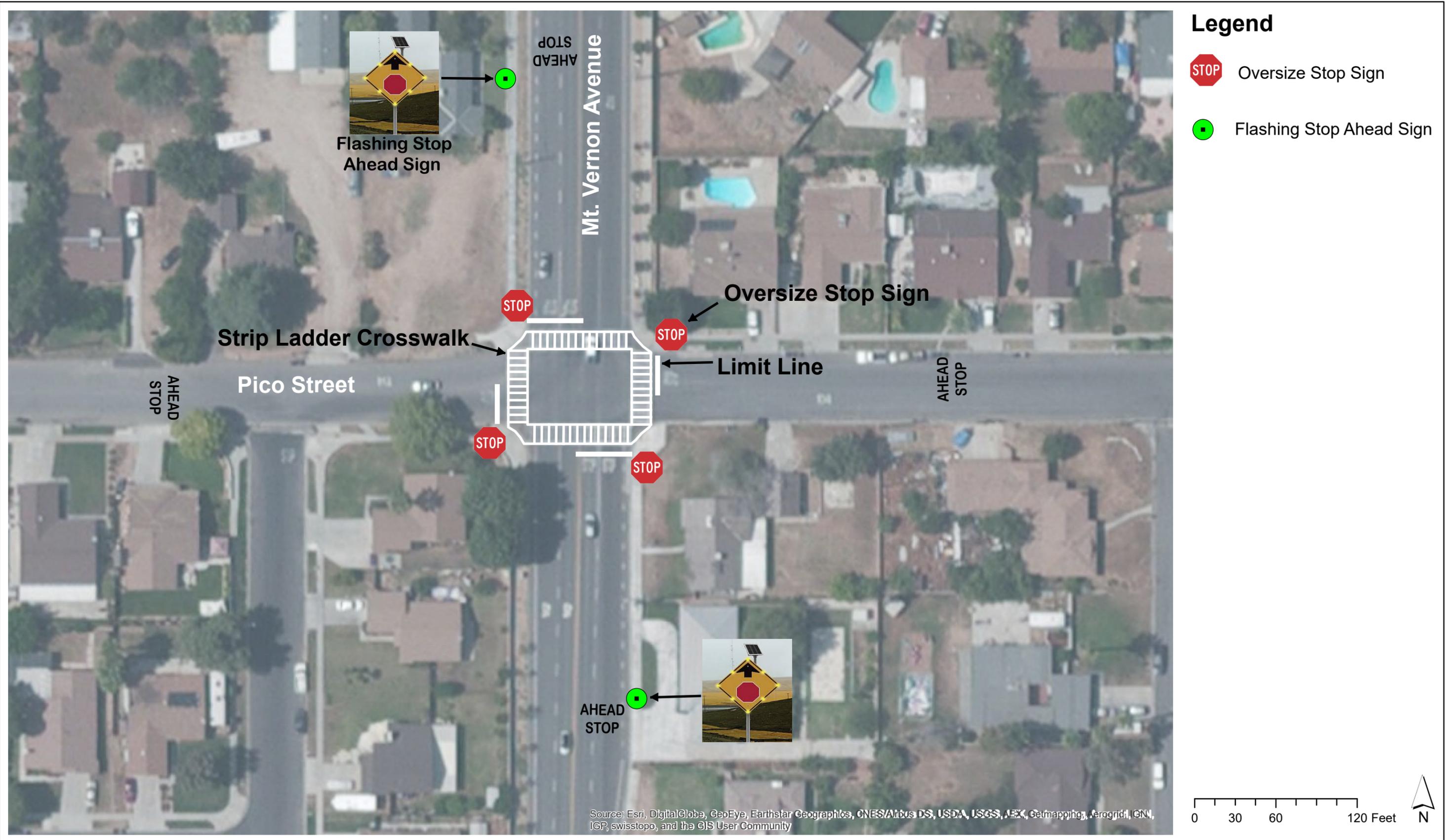
HSIP CYCLE 8-CITY OF GRAND TERRACE: INSTALL STRIP LADDER CROSSWALK AND LIMIT LINE

MAP 4 - City of Grand Terrace: Mt. Vernon Avenue and Van Burden Street



HSIP CYCLE 8-CITY OF GRAND TERRACE: INSTALL LARGE STOP SIGN AND FLASHING STOP AHEAD SIGN

MAP 5 - City of Grand Terrace: Mt. Vernon Avenue and Pico Street



- Legend**
-  Oversize Stop Sign
 -  Flashing Stop Ahead Sign

HSIP CYCLE 8-CITY OF GRAND TERRACE: INSTALL LARGE STOP SIGN AND FLASHING STOP AHEAD SIGN