

2019048413

## 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: N/A

From: (Public Agency) Caltrans, Dist. 10  
1976 E. Dr. Martin Luther King Jr. Blvd.  
Stockton CA 95205

Project Title: D 10 MVDS replacement and upgrade (10-1G750)

Project Applicant: California Department of Transportation (Caltrans)

Project Location - Specific:

San Joaquin (SJ), Merced (MER), Stanislaus (STA) County, State Routes (SR) 5, 59, 99, 152, Post Miles (PM) various

Project Location - City: Various

Project Location - County: SJ, MER, STA

Description of Nature, Purpose and Beneficiaries of Project:

The California Department of Transportation (Caltrans) proposes to restore the inefficient and damaged microwave vehicle detection system (MVDs) at various locations in the Merced, Stanislaus, and San Joaquin counties along the State Routes (SR) 5, 59, 99, and 152. These MVDs are used to provide enhanced speed monitoring, traffic counting, and presence detection to meet the demands of transportation. The purpose is to enhance the freeway and highway operations with reliable TMS. This project is needed to bring outdated MVD's to current standards and to increase accuracy and efficiency of transportation management.

Name of Public Agency Approving Project: California Department of Transportation

Name of Person or Agency Carrying Out Project: California Department of Transportation

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: 14 CCR15301; Existing Facilities -Class 1  
☐ Statutory Exemption. State code number: \_\_\_\_\_

Reason why project is exempt:

The project involves the deployment of electronics as components of a fully integrated system. There will be operation maintenance, and/or minor alteration of existing structures, without expanding existing uses.

Lead Agency

Contact Person: Divine Yang Area Code/Telephone/Extension: (209) 948-7690

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: 4/19/19 Title: Environmental Planner

☒ 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 Office of Planning & Research

APR 22 2019

STATE CLEARINGHOUSE

Revised 2011



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## CATEGORICAL EXEMPTION/CATEGORICAL EXCLUSION DETERMINATION FORM

10/Mer,Sta,SJ/5, 59, 99, 152	VAR	10-1G750	1017000036
Dist.-Co.-Rte. (or Local Agency)	P.M./P.M.	E.A/Project No.	Federal-Aid Project No. (Local Project)/Project No.

**PROJECT DESCRIPTION:** (Briefly describe project including need, purpose, location, limits, right-of-way requirements, and activities involved in this box. Use Continuation Sheet, if necessary.)

The California Department of Transportation (Caltrans) proposes to restore the inefficient and damaged microwave vehicle detection system (MVDs) at various locations in the Merced, Stanislaus, and San Joaquin counties along the State Routes (SR) 5, 59, 99, and 152. These MVDs are used to provide enhanced speed monitoring, traffic counting, and presence detection to meet the demands of transportation. The purpose is to enhance the freeway and highway operations with reliable TMS. This project is needed to bring outdated MVD's to current standards and to increase accuracy and efficiency of transportation management.

**CALTRANS CEQA DETERMINATION** (Check one)

☐ Not Applicable – Caltrans is not the CEQA Lead Agency ☐ Not Applicable – Caltrans has prepared an Initial Study or Environmental Impact Report under CEQA

Based on an examination of this proposal, supporting information, and the above statements, the project is:

- ☐ Exempt by Statute. (PRC 21080[b]; 14 CCR 15260 et seq.)
- ☒ **Categorically Exempt. Class 1.** (PRC 21084; 14 CCR 15300 et seq.)

Based on an examination of this proposal and supporting information, the following statements are true and exceptions do not apply:

- If this project falls within exempt class 3, 4, 5, 6 or 11, it does not impact an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law.
- There will not be a significant cumulative effect by this project and successive projects of the same type in the same place, over time.
- There is not a reasonable possibility that the project will have a significant effect on the environment due to unusual circumstances.
- This project does not damage a scenic resource within an officially designated state scenic highway.
- This project is not located on a site included on any list compiled pursuant to Govt. Code § 65962.5 ("Cortese List").
- This project does not cause a substantial adverse change in the significance of a historical resource.

☐ **Common Sense Exemption.** [This project does not fall within an exempt class, but it can be seen with certainty that there is no possibility that the activity may have a significant effect on the environment (14 CCR 15061[b][3].)]

**Jaycee Azevedo**

Print Name: Senior Environmental Planner or  
Environmental Branch Chief

*J. Azevedo*  
Signature

3/29/19  
Date

**Jin Zhen**

Print Name: Project Manager

*J. Zhen*  
Signature

3/29/19  
Date

**NEPA COMPLIANCE**

In accordance with 23 CFR 771.117, and based on an examination of this proposal and supporting information, the State has determined that this project:

- does not individually or cumulatively have a significant impact on the environment as defined by NEPA, and is excluded from the requirements to prepare an Environmental Assessment (EA) or Environmental Impact Statement (EIS), and
- has considered unusual circumstances pursuant to 23 CFR 771.117(b).

**CALTRANS NEPA DETERMINATION** (Check one)

- ☒ **23 USC 326:** The State has determined that this project has no significant impacts on the environment as defined by NEPA, and that there are no unusual circumstances as described in 23 CFR 771.117(b). As such, the project is categorically excluded from the requirements to prepare an EA or EIS under the National Environmental Policy Act. The State has been assigned, and hereby certifies that it has carried out the responsibility to make this determination pursuant to Chapter 3 of Title 23, United States Code, Section 326 and a Memorandum of Understanding dated May 31, 2016, executed between the FHWA and the State. The State has determined that the project is a Categorical Exclusion under:

☒ **23 CFR 771.117(c): activity (c)(21)**

☐ **23 CFR 771.117(d): activity (d)( )**

☐ **Activity** listed in Appendix A of the MOU between FHWA and the State

- ☐ **23 USC 327:** Based on an examination of this proposal and supporting information, the State has determined that the project is a Categorical Exclusion under 23 USC 327. The environmental review, consultation, and any other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by Caltrans pursuant to 23 USC 327 and the Memorandum of Understanding dated December 23, 2016 and executed by FHWA and Caltrans.

**Jaycee Azevedo**

Print Name: Senior Environmental Planner or  
Environmental Branch Chief

*J. Azevedo*  
Signature

3/29/19  
Date

**Jin Zhen**

Print Name: Project Manager/DLA Engineer

*J. Zhen*  
Signature

3/29/19  
Date

Date of Categorical Exclusion Checklist completion: 3/29/19

Date of ECR or equivalent: 3/29/19

Briefly list environmental commitments on continuation sheet. Reference additional information, as appropriate (e.g., CE checklist, additional studies and design conditions).

APR 22 2019

January 3, 2019

STATE CLEARINGHOUSE

# CATEGORICAL EXEMPTION/CATEGORICAL EXCLUSION DETERMINATION FORM

## Continuation Sheet

10/Mer,Sta,S/J/5, 59, 99, 152 VAR 10-1G750 1017000036  
 Dist-Co-Rte. (or Local Agency) P.M./P.M. E.A/Project No. Federal-Aid Project No. (Local Project)/Project No.  
 Continued from page 1:

### Environmental Provisions

#### A. General:

##### 1. Revalidation

- The project is Categorically Exempt under the California Environmental Quality Act (CEQA) and Categorically Excluded under the National Environmental Policy Act (NEPA) unless: (1) The scope of the project changes to include additional activities or areas; or (2) There is unforeseen discovery of sensitive or cultural resources.

#### B. Biology: No Effect on any FESA-listed or CESA-listed animal or plant species.

##### 1. Pre-Construction

- 2 weeks preconstruction notification to complete MBTA Surveys.
- All workers must receive Environmental Training prior to start on Project.
- With the implementation of the following avoidance measures, the proposed construction activities proposed for the District 10 TMS Repair Project are not expected to result in the "take" of any migratory birds, raptors, or their active nests:
  - For work that is scheduled for between February 1<sup>st</sup> and September 30<sup>th</sup>, a nesting migratory bird/nesting raptor survey would be performed 14 days before the proposed start date of any construction-related activities. Construction work would be approved if survey of the jobsite within 14 working days before the proposed start of the construction activity shows an absence of nesting bird. If activities fail to commence within 14 working days, or if there is a halt to the activities with a delay of more than 14 working days, another nesting migratory bird/nesting raptor survey must be performed before construction activities can recommence.
  - If nesting migratory birds or nesting raptors are found during the pre-construction survey, the appropriate no-work buffer distances for specific bird species are listed below. No work will commence.

##### 2. Construction

- Stop all work within a 100-foot radius of any active migratory bird nest except as noted in the table below:

Species	Protective radius (feet)
Raptors	300
Swainson's Hawk	600
Burrowing owl (Apr. 1 to Oct. 15)	565
Burrowing owl (Oct. 16 to Mar. 31)	165

#### C. Hazardous Waste

##### 1. Pre-Construction

- There is a potential to encounter non-hazardous concentrations of Aerially Deposited Lead (ADL) while working in unpaved areas within the project limits. The Caltrans Standard Special Provision pertaining to Earth Material Containing Lead, 7-1.02K(6)(j)(III), shall be added to the construction contract. A lead compliance plan is required and all soil must remain on site.

#### D. Locations: See attachment.



EA10-1G7500  
10-Mer/Sta/SJ-99, I-5, 152, 59-Var PM

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Table: Location List and Easement Requirements

MVDS #	County	SR	CA PM	Existing MVDS	Existing MVDS Location	Existing Power Source	Location Description	Proposed Vehicle Detection Area
1	MER	5	0.492	YES	SB	Solar	On Ramp from Rest Area	Mainline
2	MER	5	0.559	YES	NB	Solar	Off Ramp to Rest Area	NB Off Ramp
3	MER	5	0.787	YES	SB	Solar	Off Ramp to Rest Area	SB Off Ramp
4	MER	5	0.86	YES	NB	Solar	On Ramp from Rest Area	NB On Ramp
5	MER	5	5.064	YES	NB	Solar	Off Ramp to Vista Point Rd	Replace MVDS Head Only
6	MER	5	5.39	YES	NB	Solar	Off Ramp to Vista Point Rd	Replace MVDS Head Only
7	MER	5	6.07	YES	NB	Conventional	Off Ramp to Rte 165/Mercy Springs Rd	NB Off Ramp & Mainline at PM 6.0
8	MER	5	6.144	YES	SB	Conventional	On Ramp from Rte 165/Mercy Springs Rd	SB On Ramp
9	MER	5	6.443	YES	NB	Conventional	On Ramp from Rte 165/Mercy Springs Rd	NB On Ramp
10	MER	5	6.443	YES	Both	Conventional	North of (N/O) On Ramp from Rte 165/Mercy Springs Rd	SB Off Ramp
11	MER	5	17.288	YES	SB	Conventional	On Ramp from EB Rte 152	On Ramp & Mainline at PM 17.5
12	MER	5	17.388	YES	NB	Conventional	Off Ramp to EB Rte 152	NB Off Ramp
13	MER	5	17.526	YES	NB	Conventional	On Ramp from EB Rte 152	NB On Ramp
14	MER	5	17.586	YES	SB	Conventional	Off Ramp to EB Rte 152	SB Off Ramp
15	MER	5	17.607	YES	NB	Conventional	Off Ramp to WB Rte 152	NB Off Ramp
16	MER	5	17.643	YES	SB	Conventional	South of (S/O) On Ramp from WB Rte 152	SB On Ramp
17	MER	5	17.78	YES	SB	Conventional	N/O Off Ramp to WB Rte 152	SB Off Ramp
18	MER	5	17.869	YES	NB	Conventional	On Ramp from WB Rte 152	NB On Ramp

EA10-1G7500  
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MVDS #	County	SR	CA PM	Existing MVDS	Existing MVDS Location	Existing Power Source	Location Description	Proposed Vehicle Detection Area
19	MER	5	21.714	YES	SB	Conventional	S/O On Ramp from Rte 33	SB On Ramp & Mainline at PM 22.0
20	MER	5	21.728	YES	NB	Conventional	Off Ramp to Rte 33	NB Off Ramp
21	MER	5	22.086	YES	SB	Conventional	N/O Off Ramp to Rte 33	SB Off Ramp
22	MER	5	22.141	YES	NB	Conventional	N/O On Ramp from Rte 33	NB On Ramp
23	MER	5	23.324	YES	SB	Solar	S/O On Ramp from Truck Scale	SB On Ramp & Mainline at PM 23.5
24	MER	5	23.364	YES	SB	Solar	N/O Off Ramp to Truck Scale	SB Off Ramp
25	MER	5	23.422	YES	NB	Solar & Conventional	S/O Off Ramp to Truck Scale	NB Off Ramp
26	MER	5	23.695	YES	NB	Solar	N/O On Ramp from Truck Scale	NB On Ramp
27	MER	5	32.204	YES	NB	Conventional	Off Ramp to Rte 140	NB Off Ramp
28	MER	5	32.204	YES	SB	Conventional	S/O On Ramp from Rte 140	SB On Ramp
29	MER	59	R0.114	YES	SB	Conventional	Off Ramp to Rte 152	SB Off Ramp & Mainline at PM 0.0
30	MER	59	R0.306	YES	NB	Conventional	N/O Rte 152	NB On Ramp
31	MER	99	0.128	YES	NB	Solar	S/O Off Ramp to Truck Inspection	NB Off Ramp
32	MER	99	0.991	YES	NB	Solar	N/O On Ramp from Truck Inspect	NB On Ramp
33	MER	99	10.773	YES	NB	Solar	S/O Mission Ave	Mainline
34	MER	99	11.075	YES	NB	Solar	S/O Mission Ave	Mainline
35	MER	99	11.308	YES	NB	Solar	S/O Mission Ave	Mainline
36	MER	99	11.533	YES	NB	Solar	S/O Mission Ave	Mainline
37	MER	99	11.623	YES	SB	Solar	S/O Mission Ave	All Ramps & Mainline
38	MER	99	11.867	YES	SB	Solar	N/O Mission Ave	Mainline
39	MER	99	12.109	YES	SB	Solar	S/O Gerard Ave	All Ramps & Mainline at PM 12.0
40	MER	99	18.361	YES	NB	Conventional	S/O Off Ramp to Franklin Rd	Mainline

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MVDS #	County	SR	CA PM	Existing MVDS	Existing MVDS Location	Existing Power Source	Location Description	Proposed Vehicle Detection Area
41	MER	99	18.494	YES	NB	Conventional	N/O On Ramp from Franklin Rd	NB On Ramp
42	MER	152	R32.106	YES	EB	Conventional	West of (W/O) Off Ramp to Rte 33	EB Off Ramp & Mainline
43	MER	152	R32.113	YES	WB	Conventional	W/O On Ramp from Rte 33	WB On Ramp
44	MER	152	R32.615	YES	EB	Conventional	East of (E/O) On Ramp from Rte 33	EB On Ramp
45	MER	152	R32.638	YES	WB	Conventional	E/O Off Ramp to Rte 33	WB Off Ramp
46	SJ	5	27.931	YES	NB	Solar	N/O Monte Diablo Ave UC	Mainline
47	SJ	5	28.142	YES	SB	Conventional	S/O Off Ramp to Monte Diablo	Mainline
48	SJ	5	28.364	YES	NB	Conventional	N/O Smith Canal Bridge	Mainline
49	SJ	5	28.526	YES	SB	Solar	S/O Country Club Blvd UC	Mainline
50	SJ	5	29.026	NO	n/a	n/a	N/O Alpine Ave	Mainline
51	SJ	5	29.526	NO	n/a	n/a	N/O River Rd	Mainline
52	SJ	5	30.026	NO	n/a	n/a	N/O March Lane	Mainline
53	SJ	5	31.526	YES	Both	Conventional	N/O Benjamin Holt Drive UC	Mainline
54	SJ	5	32.026	NO	n/a	n/a	S/O On Ramp from Hammer Lane	Mainline
55	SJ	5	32.526	NO	n/a	n/a	S/O Hammer Lane UC	All Ramps & Mainline
56	SJ	5	33.472	YES	NB	Solar	S/O White Slough	Mainline
57	SJ	5	33.526	NO	n/a	n/a	Sturgeon Rd	Mainline
58	SJ	5	34.026	YES	NB	Solar	S/O Eight Mile Rd	Mainline
59	SJ	5	34.526	YES	NB	Solar	S/O Eight Mile Rd	Mainline
60	SJ	5	41.704	YES	Both	Solar	N/O Turner Rd	Mainline
61	SJ	99	24.089	YES	NB	Conventional	On Ramp from Morada Ln	NB On Ramp & Mainline at PM 24.0
62	SJ	99	25.276	YES	NB	Conventional	Off Ramp to Eight Mile Rd	NB Off/On Ramp & SB Mainline to an existing NB-

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MVDS #	County	SR	CA PM	Existing MVDS	Existing MVDS Location	Existing Power Source	Location Description	Proposed Vehicle Detection Area
								TMS at PM 25.174
63	SJ	99	25.299	NO	n/a	n/a	Off Ramp to Eight Mile Rd	SB Off Ramp
64	SJ	99	27.522	YES	NB	Conventional	Off Ramp to Armstrong Rd	NB Off Ramp
65	SJ	99	27.811	YES	SB	Conventional	Off Ramp to Armstrong Rd	SB Off/On Ramp & Mainline
66	SJ	99	31.544	YES	NB	Conventional	On Ramp from Turner Rd	NB On Ramp
67	SJ	99	31.61	NO	n/a	n/a	S/O Off Ramp to Turner Rd	SB Off Ramp & Mainline at PM 31.6
68	SJ	99	31.971	NO	n/a	n/a	Off Ramp to Mokelumne River UC	NB Off Ramp
69	SJ	99	32.049	NO	n/a	n/a	Off Ramp to Mokelumne River UC	SB Off Ramp & Mainline at PM 32.00
70	SJ	99	32.656	NO	n/a	n/a	N/O Off Ramp to Woodbridge Rd	NB Off Ramp
71	SJ	99	33.456	YES	SB	Conventional	On Ramp from Acampo Rd	SB On Ramp & Mainline at PM 33.5
72a	SJ	99	33.691	YES	SB	Conventional	S/O Off Ramp to Acampo Rd	SB Off Ramp
72b	SJ	99	33.698	YES	NB	Solar	Off Ramp to Acampo Rd	NB Off/On Ramp
73a	SJ	99	34.482	YES	SB	Solar	On Ramp from Peltier Rd	SB On Ramp
73b	SJ	99	34.498	YES	SB	Conventional	Off Ramp to Peltier Rd	SB Off Ramp & Mainline at PM 34.5
74	SJ	99	34.698	YES	NB	Solar	Off Ramp to Peltier Rd	NB Off/On Ramp
75a	SJ	99	35.647	YES	NB	Solar	N/O Off Ramp to Jahant Rd	NB Off Ramp
75b	SJ	99	35.651	YES	SB	Solar	On Ramp from Jahant Rd	SB On Ramp & Mainline at PM 35.6



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MVDS #	County	SR	CA PM	Existing MVDS	Existing MVDS Location	Existing Power Source	Location Description	Proposed Vehicle Detection Area
75c	SJ	99	35.688	YES	NB	Solar	On Ramp from Jahant Rd	NB On Ramp
75d	SJ	99	35.786	YES	SB	Solar	S/O Off Ramp to Jahant Rd	SB Off Ramp
76a	SJ	99	36.406	YES	NB	Solar	Off Ramp to Collier Rd	NB Off Ramp
76b	SJ	99	36.526	YES	NB	Solar	S/O On Ramp from Collier Rd	NB On Ramp & Mainline at PM 36.5
77	SJ	99	36.838	YES	SB	Solar	On Ramp from Collier Rd	SB Off/On Ramp
78a	SJ	99	37.696	YES	NB	Solar	Off Ramp to Liberty Rd	NB Off Ramp
78b	SJ	99	37.745	YES	NB	Solar	S/O On Ramp from Liberty Rd	NB On Ramp
79a	SJ	99	37.781	YES	SB	Solar	On Ramp from Liberty Rd	SB On Ramp
79b	SJ	99	37.973	YES	SB	Conventional	S/O Off Ramp to Liberty Rd	SB Off Ramp & Mainline close to the SJ/SAC County lines for Census
80	STA	5	27.401	YES	NB	Conventional	Westley Rest Area	Mainline
81	STA	5	27.901	YES	NB	Conventional	Westley Rest Area	Mainline
82a	STA	99	8.493	YES	SB	Conventional	S/O Faith Home Rd OC	Remove and Salvage (RS) the MVDSs from PM 8.493 to PM 9.193 and install TMS with loops at PM 8.5, PM 9.0 and PM 9.5.
82b	STA	99	8.593	YES	NB	Conventional	S/O Faith Home Rd OC	
82c	STA	99	8.693	YES	SB	Conventional	N/O Faith Home Rd OC	
82d	STA	99	8.793	YES	NB	Conventional	N/O Faith Home Rd OC	
82e	STA	99	8.893	YES	SB	Conventional	S/O Mitchell Rd	
83a	STA	99	9.093	YES	NB	Conventional	S/O Mitchell Rd	
83b	STA	99	9.193	YES	SB	Conventional	S/O Mitchell Rd	
84	STA	99	9.5	NO	n/a	n/a	Esmar Rd	Mainline
85	STA	99	R13.764	No	n/a	n/a	N/O Off Ramp to 9th St	Mainline
86	STA	99	R14.711	YES (No SB)	NB	Conventional	S/O Tuolumne Bridge	Mainline

