

## Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613  
 For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

<b>SCH #</b>
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**Project Title:** Flume Creek CAPM Project

Lead Agency: California Department of Transportation Contact Person: Carolyn Sullivan

Mailing Address: 1657 Riverside Drive MS 30 Phone: 530-218-8940

City: Redding Zip: 96001 County: Shasta

**Project Location:** County: Shasta/Siskiyou City/Nearest Community: Dunsmuir

Cross Streets: \_\_\_\_\_ Zip Code: 96025

Longitude/Latitude (degrees, minutes and seconds): \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " N / \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " W Total Acres: \_\_\_\_\_

Assessor's Parcel No.: \_\_\_\_\_ Section: \_\_\_\_\_ Twp.: \_\_\_\_\_ Range: \_\_\_\_\_ Base: \_\_\_\_\_

Within 2 Miles: State Hwy #: \_\_\_\_\_ Waterways: \_\_\_\_\_

Airports: \_\_\_\_\_ Railways: \_\_\_\_\_ Schools: \_\_\_\_\_

**Document Type:**

CEQA: <input type="checkbox"/> NOP	<input type="checkbox"/> Draft EIR	NEPA: <input type="checkbox"/> NOI	Other: <input type="checkbox"/> Joint Document
<input type="checkbox"/> Early Cons	<input type="checkbox"/> Supplement/Subsequent EIR	<input type="checkbox"/> EA	<input type="checkbox"/> Final Document
<input type="checkbox"/> Neg Dec	(Prior SCH No.) _____	<input type="checkbox"/> Draft EIS	<input type="checkbox"/> Other: _____
<input checked="" type="checkbox"/> Mit Neg Dec	Other: _____	<input type="checkbox"/> FONSI	_____

**Local Action Type:**

<input type="checkbox"/> General Plan Update	<input type="checkbox"/> Specific Plan	<input type="checkbox"/> Rezone	<input type="checkbox"/> Annexation
<input type="checkbox"/> General Plan Amendment	<input type="checkbox"/> Master Plan	<input type="checkbox"/> Prezone	<input type="checkbox"/> Redevelopment
<input type="checkbox"/> General Plan Element	<input type="checkbox"/> Planned Unit Development	<input type="checkbox"/> Use Permit	<input type="checkbox"/> Coastal Permit
<input type="checkbox"/> Community Plan	<input checked="" type="checkbox"/> Site Plan	<input type="checkbox"/> Land Division (Subdivision, etc.)	<input type="checkbox"/> Other: _____

**Development Type:**

<input type="checkbox"/> Residential: Units _____ Acres _____	<input checked="" type="checkbox"/> Transportation: Type <u>Highway Rehabilitation</u>
<input type="checkbox"/> Office: Sq.ft. _____ Acres _____ Employees _____	<input type="checkbox"/> Mining: Mineral _____
<input type="checkbox"/> Commercial: Sq.ft. _____ Acres _____ Employees _____	<input type="checkbox"/> Power: Type _____ MW _____
<input type="checkbox"/> Industrial: Sq.ft. _____ Acres _____ Employees _____	<input type="checkbox"/> Waste Treatment: Type _____ MGD _____
<input type="checkbox"/> Educational: _____	<input type="checkbox"/> Hazardous Waste: Type _____
<input type="checkbox"/> Recreational: _____	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Water Facilities: Type _____ MGD _____	

**Project Issues Discussed in Document:**

<input checked="" type="checkbox"/> Aesthetic/Visual	<input type="checkbox"/> Fiscal	<input type="checkbox"/> Recreation/Parks	<input type="checkbox"/> Vegetation
<input type="checkbox"/> Agricultural Land	<input type="checkbox"/> Flood Plain/Flooding	<input type="checkbox"/> Schools/Universities	<input checked="" type="checkbox"/> Water Quality
<input checked="" type="checkbox"/> Air Quality	<input checked="" type="checkbox"/> Forest Land/Fire Hazard	<input type="checkbox"/> Septic Systems	<input type="checkbox"/> Water Supply/Groundwater
<input type="checkbox"/> Archeological/Historical	<input checked="" type="checkbox"/> Geologic/Seismic	<input type="checkbox"/> Sewer Capacity	<input checked="" type="checkbox"/> Wetland/Riparian
<input checked="" type="checkbox"/> Biological Resources	<input type="checkbox"/> Minerals	<input checked="" type="checkbox"/> Soil Erosion/Compaction/Grading	<input type="checkbox"/> Growth Inducement
<input type="checkbox"/> Coastal Zone	<input checked="" type="checkbox"/> Noise	<input type="checkbox"/> Solid Waste	<input type="checkbox"/> Land Use
<input checked="" type="checkbox"/> Drainage/Absorption	<input type="checkbox"/> Population/Housing Balance	<input checked="" type="checkbox"/> Toxic/Hazardous	<input checked="" type="checkbox"/> Cumulative Effects
<input type="checkbox"/> Economic/Jobs	<input checked="" type="checkbox"/> Public Services/Facilities	<input checked="" type="checkbox"/> Traffic/Circulation	<input type="checkbox"/> Other: _____

**Present Land Use/Zoning/General Plan Designation:**  
State highway

**Project Description:** *(please use a separate page if necessary)*

See Appendix A. Project Description.

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

## Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with an "X".  
If you have already sent your document to the agency please denote that with an "S".

- |   |   |
|---|---|
| <input type="checkbox"/> Air Resources Board                                    | <input type="checkbox"/> Office of Historic Preservation                                  |
| <input type="checkbox"/> Boating & Waterways, Department of                     | <input type="checkbox"/> Office of Public School Construction                             |
| <input type="checkbox"/> California Emergency Management Agency                 | <input type="checkbox"/> Parks & Recreation, Department of                                |
| <input checked="" type="checkbox"/> California Highway Patrol                   | <input type="checkbox"/> Pesticide Regulation, Department of                              |
| <input type="checkbox"/> Caltrans District # _____                              | <input type="checkbox"/> Public Utilities Commission                                      |
| <input type="checkbox"/> Caltrans Division of Aeronautics                       | <input checked="" type="checkbox"/> Regional WQCB # 5                                     |
| <input type="checkbox"/> Caltrans Planning                                      | <input type="checkbox"/> Resources Agency   |
| <input type="checkbox"/> Central Valley Flood Protection Board                  | <input type="checkbox"/> Resources Recycling and Recovery, Department of                  |
| <input type="checkbox"/> Coachella Valley Mtns. Conservancy                     | <input type="checkbox"/> S.F. Bay Conservation & Development Comm.                        |
| <input type="checkbox"/> Coastal Commission                                     | <input type="checkbox"/> San Gabriel & Lower L.A. Rivers & Mtns. Conservancy              |
| <input type="checkbox"/> Colorado River Board                                   | <input type="checkbox"/> San Joaquin River Conservancy                                    |
| <input type="checkbox"/> Conservation, Department of                            | <input type="checkbox"/> Santa Monica Mtns. Conservancy                                   |
| <input type="checkbox"/> Corrections, Department of                             | <input type="checkbox"/> State Lands Commission   |
| <input type="checkbox"/> Delta Protection Commission                            | <input type="checkbox"/> SWRCB: Clean Water Grants  |
| <input type="checkbox"/> Education, Department of                               | <input type="checkbox"/> SWRCB: Water Quality   |
| <input type="checkbox"/> Energy Commission                                      | <input type="checkbox"/> SWRCB: Water Rights  |
| <input checked="" type="checkbox"/> Fish & Game Region # 1                      | <input type="checkbox"/> Tahoe Regional Planning Agency                                   |
| <input type="checkbox"/> Food & Agriculture, Department of                      | <input type="checkbox"/> Toxic Substances Control, Department of                          |
| <input checked="" type="checkbox"/> Forestry and Fire Protection, Department of | <input type="checkbox"/> Water Resources, Department of                                   |
| <input type="checkbox"/> General Services, Department of                        |   |
| <input type="checkbox"/> Health Services, Department of                         | <input checked="" type="checkbox"/> Other: Appendix B - Supplemental Reviewing Party List |
| <input type="checkbox"/> Housing & Community Development                        | <input type="checkbox"/> Other: _____   |
| <input type="checkbox"/> Native American Heritage Commission                    |   |

### Local Public Review Period (to be filled in by lead agency)

Starting Date 12/13/24 Ending Date 1/13/25

### Lead Agency (Complete if applicable):

Consulting Firm: _____	Applicant: _____
Address: <u>1657 Riverside Drive MS 30</u>	Address: <u>1657 Riverside Drive MS 30</u>
City/State/Zip: _____	City/State/Zip: <u>Redding, CA 96001</u>
Contact: _____	Phone: <u>530-218-8940</u>
Phone: _____	

Signature of Lead Agency Representative: Carolyn Sullivan Date: 12/12/24

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

## **Appendix A - Project Description**

The California Department of Transportation, using federal and state funding, proposes to rehabilitate Interstate 5 (I-5) through repaving activities, structural repairs, drainage improvements, and construction of supporting infrastructure. The limits of work occur between post miles 58.0 and 67.019 in Shasta County, and post miles 0.0 and 2.7 in Siskiyou County.

The proposed project would include the following improvements:

### ***Roadway Improvements***

- Overlay activities – rubberized hot-mixed asphalt
  - Overlay roadway, including the shoulders and median
  - Conform on- and off-ramps
  - Perform digouts at various locations
- Install shoulder backing to support edge of pavement
- Repair approximately 100 rocking concrete slabs
- Seal parking area at PM 62.36

### ***Structures***

Project implementation would include rehabilitation of the Castle Creek Bridge (PM 63.31) and Castella Bridge (PM 63.58) as follows:

- Install a 4.5-inch reinforced concrete 'deck-on-deck' with a 1-inch polyester concrete overlay
- Upgrade the existing bridge railing
- Replace the existing median barrier
- Construct new approach slabs

### ***Signs and Delineation***

- Upgrade/replace signs to current standards.
- Install/apply recessed retroreflective pavement markers, as well as sprayable thermoplastic pavement striping/markings throughout the project corridor.

### ***Traffic Safety***

- Replace metal beam guardrail with Midwest Guardrail System steel-post guardrail in-place, and transition railing at bridge sites.

- Remove and replace approximately 11 miles of median barrier. The current median barrier height varies between 26 and 35 inches. To meet current standards, the median barrier height would be increased to 42 inches.

### *Transportation Management Systems*

Upgrade the existing Road Weather Information System and Closed-Circuit Television stations in the community of Dunsmuir (PM 2.61). Replace ±30 damaged loops at the existing traffic monitoring stations.

### *Lighting*

As part of the proposed project, seven new luminaires would be installed, and 13 luminaires replaced along various off-ramps. Luminaire installation would include minor trenching to provide power. The lighting locations/improvements are summarized in Table 1.

**Table 1. Proposed Lighting Improvements**

Luminaire Location	Replace	Add
Flume Creek Road - Northbound off-ramp	1	1
Conant Road - Southbound off-ramp	1	1
Sweetbrier Avenue - Northbound off-ramp	1	1
Sweetbrier Avenue - Southbound off-ramp	1	1
Castella - Northbound off-ramp	2	—
Castella - Southbound off-ramp	1	1
Soda Creek Road - Northbound off-ramp	1	1
Soda Creek Road - Southbound off-ramp	1	1
Crag View Drive - Northbound off-ramp	2	—
Central Dunsmuir - Northbound off-ramp	2	—
<b>Total:</b>	<b>13</b>	<b>7</b>

### *Disposal/Borrow Sites*

Project implementation would include approximately seven acres of ground disturbance; with a maximum excavation depth estimated at 10 feet. Excess soil material and construction debris would become the property of the contractor. No disposal and/or borrow sites are proposed.

### *Drainage Improvements*

As part of the proposed project, drainage improvements, consisting of culvert installation/replacement, liner installation, drainage inlet replacement, headwall installation, and downdrain replacement, would be performed on 81 drainage systems. Additionally, various

drainage inlets may need to be adjusted to grade. Further, culvert replacement activities may necessitate temporary clearwater diversions. The proposed drainage improvements would require vegetation removal. A detailed description of the proposed drainage improvements is provided below in Table 2 (see Initial Study). Culvert systems are often comprised of multiple segments, which are separated by drainage inlets or other structures. Culvert segments subject to replacement, including the number of drainage inlets are identified in the table.

### ***Slope Stabilization***

To address minor settling in the northbound lane at PM 1.1 in Siskiyou County, the roadway would be excavated and stabilized through construction of a geosynthetic reinforced embankment (GRE). The roadway would be excavated and backfilled in alternating horizontal layers of fill soil and geosynthetic reinforcement. The layers would extend up to the structural portion of the roadway. A drainage system would be included in the GRE.

### ***Wildlife Management***

#### ***Wildlife Crossing***

A 12-foot-wide by 12-foot-tall reinforced concrete box culvert would be installed at PM 65.88 via cut and cover to allow wildlife to safely cross the highway.

#### ***Wildlife Fencing***

An eight-foot-tall chain-link fence or other applicable fence type would be installed to direct wildlife under I-5. Wildlife fencing would be installed in conjunction with the proposed wildlife crossing. The estimated limits are included below.

- West of Highway—PMs 65.45 to 66.17
- East of Highway—PMs 65.45 to 66.10

To improve safety for animals and the traveling public, fence installation would include jump outs and/or deer gates, while the median barrier would include intermittent gaps along the length to allow wildlife to exit the roadway. Both elements would reduce the potential for wildlife to become trapped on the highway. Additionally, the fence design would include vehicle and/or pedestrian gates to accommodate maintenance activities.

### ***New Impervious Area***

The new impervious area is estimated at 0.01 acres.

### *Staging*

Four staging areas have been identified along the project corridor: PMs 60.47 (northbound), 61.65 (northbound), 65.41 (southbound), and 0.95 (southbound).

### *Utilities*

Within the project limits, I-5 supports overhead and underground utilities, including electric and fiber optic lines. Culvert replacement activities at PM 2.65 would require relocating an existing fiber optic line.

### *Right of Way*

Caltrans would acquire temporary construction easements, including right-of-way acquisition at various locations to accommodate project activities.

### *Traffic Management*

Project construction would utilize lane and ramp closures as needed.

### *Schedule*

The work would be completed in three construction seasons and would require approximately 360 working days

## **Appendix B – Supplemental Reviewing Party List**

### ***Regional/County/Local Agencies***

Paul Hellman  
Shasta County Planning Department  
1855 Placer Street  
Redding, CA 96001

Cathy Darling Allen  
Shasta County Clerk's Office  
P.O. Box 990880  
Redding, CA 96099-0880

Hailey Lang  
Siskiyou County Planning Department  
806 South Main Street  
Yreka, CA 96097

Laura Bynum  
Siskiyou County Clerk's Office  
311 Fourth Street, Room 201  
Yreka, CA 96097

Ben Mutz  
City of Dunsmuir Public Works  
5915 Dunsmuir Avenue  
Dunsmuir, CA 96025

### ***Local Elected Officials***

Patrick Henry Jones  
Shasta County Supervisor District 4  
1450 Court Street, Suite 308B  
Redding, CA 96001-1673

Ed Valenzuela  
Siskiyou County Supervisor District 2  
1312 Fairlane Road, Suite 1  
Yreka, CA 96097