



NORTH REGION
LANDSCAPE ARCHITECTURE ASSESSMENT SHEET
03-LAND-0002 (Rev. 4/15)

TO: Lauren Proctor FROM: Jeff Pietrzak Unit/Senior: 0381/Landscape Architecture Project Manager: Wayne Lewis	DISTRICT: 03 DATE: 04/15/2015 EA: 03-4E3200 EFIS# 0300000696	CO: PLA	RTE: 80;65	PM: 1.9/6.1;R4.8/R7.3
CONTRACT SEPARATION: <input type="checkbox"/> Roadside work as part of roadway work EA <input checked="" type="checkbox"/> Roadside work for roadway project to follow under separate EA	PROJECT: I-80 and SR 65 Between Douglas Blvd and Rocklin Rd And I-80 and Pleasant Grove Blvd. FUNDING SOURCE: SHOPP, NCIIP, Local Agency (2016) PROJECT MILESTONE: <input type="checkbox"/> PID <input checked="" type="checkbox"/> Pre-PA&ED <input type="checkbox"/> PA&ED <input type="checkbox"/> PS&E PROJECT COST (In thousands): \$341.4M-\$350.9M			
PROJECT DESCRIPTION: The California Department of Transportation (Caltrans), in cooperation with the Placer County Transportation Planning Agency (PCTA), Placer County, and the Cities of Roseville, Rocklin, and Lincoln, proposes to improve the Interstate 80/ State Route 65 (I-80/SR 65) interchange in Placer County, California, to reduce traffic congestion, improve operations and safety, and comply with current Caltrans and local agency design standards. The project proposes to widen I-80 to 12 lanes from Eureka Road Interchange to just west of Rocklin Road Interchange, widen SR 65 to 8 lanes from the I-80/SR 65 interchange to Pleasant Grove Blvd interchange, improve the I-80/SR 65 interchange with high speed connector ramps, adding one additional lane to each connector ramp, the addition of an HOV direct connector between I-80 and SR 65, and local interchange ramp improvements and street widening to accommodate these improvements. The cost is estimated at \$350,827,200 which includes \$5,227,200 for right of way and utilities and \$345,550,000 for construction. The project will be constructed in phases. Three viable build alternatives have been considered.				
Project Limits	03-PLA-80 and 03-PLA-65 PM 1.9 to 6.1 and PM R4.8 to R7.3			
Number of Alternatives	5 (3 Build, TSM, No-Build)			
Current Capital Outlay Construction Estimate	\$341.4M-\$350.9M			
Current Capital Outlay Right-of-Way Estimate	\$3.7M-\$5.3M			
Funding Source	SHOPP, NCIIP, Local Agency			
Funding Year	2016			
Type of Facility	Interstate and freeway			
Number of Structures	9-11			
Environmental Determination or Document	EIR/ complex EA leading to FONSI			
Legal Description	Interchange			
Project Development Category	4A			



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SCENIC HIGHWAY STATUS

☐ Officially Designated ☐ Eligible ☒ Not Designated

CONTEXT SENSITIVITY

- ☒ It is determined that the project may involve consideration of community and local involvement.
☐ No foreseen issues with community and local involvement

<http://www.dot.ca.gov/hq/oppd/context/index.htm>

A) HIGHWAY PLANTING BACKGROUND INFORMATION

LANDSCAPE FREEWAY STATUS	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
WARRANTED HIGHWAY PLANTING REQUIRED	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
REPLACEMENT PLANTING REQUIRED	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
(E) H2O & POWER AVAILABLE	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
(E) IRRIGATION IMPACTED	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
ADJ. TO OUTDOOR ADVERTISING	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
COOP. MAINT. AGREEMENTS	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No (Unless City wants excessive planting)

AREA (Ft²/ACRE) FOR HIGHWAY PLANTING: To Be Determined

B) EROSION CONTROL BACKGROUND INFORMATION

SOIL DISTURBANCE	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
CONCENTRATED FLOW AREAS	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
SLOPE LOCATIONS	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
SLOPES > 2:1	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

AREA (Ft²/ACRE) FOR EROSION CONTROL: To Be Determined

C) MITIGATION. BACKGROUND INFORMATION

PROJECT BIOLOGIST	<u>TBD</u>	Contact Date: <u>TBD</u>
APPLICABLE PERMITS	<u>TBD</u>	
BIOLOGICAL REVEG. REQUIRED	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
VISUAL IMPACT AVOID/MIT. REQ	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
UNIT TASKED w/ BIO. REVEG	<input type="checkbox"/> Landscape Architecture	<input type="checkbox"/> Stewardship

PLANT COUNT FOR MITIGATION PLANTING: To Be Determined

D) DESIGN FOR ROADSIDE MAINTENANCE SAFETY

PAVING	<input checked="" type="checkbox"/> Maintenance Vehicle Pullouts (MVP)	<input checked="" type="checkbox"/> Narrow Areas	<input checked="" type="checkbox"/> Extended Gore Area
ACCESS	<input checked="" type="checkbox"/> Access Road	<input checked="" type="checkbox"/> Drive Gate	<input checked="" type="checkbox"/> Walk Gate

http://www.dot.ca.gov/hq/LandArch/policy/pdf/design_for_safety.pdf

E) DESIGN FOR ROADSIDE VEGETATION MANAGEMENT TREATMENT

- ☒ Under Metal Beam Guardrail
☒ Around Sign Posts

F) AESTHETIC TREATMENT

- ☒ Sound Wall (CMU Block)
☒ Sound Wall (Concrete)
☒ Retaining Wall
☒ Bridge Structure (Bridge Rail, Piers, Abutments)
☒ Slope Paving



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LANDSCAPE/ REVEGETATION/ EROSION CONTROL RELATED ITEMS- ESTIMATE OF COST – 04/27/15

A) HIGHWAY PLANTING COST INFORMATION:

- | | |
|-------------------------------------------------------------------------|----------------------------|
| <input checked="" type="checkbox"/> Highway Planting/ Irrigation (Acre) | \$ <u>To Be Determined</u> |
| <input checked="" type="checkbox"/> 3-year Plant Establishment | \$ <u>To Be Determined</u> |
| <input checked="" type="checkbox"/> Inert Materials | \$ <u>To Be Determined</u> |

A) SUBTOTAL \$ \$7,000,000*

B) EROSION CONTROL COST INFORMATION:

- | | |
|---------------------------------------------------------------------------------------------------------|----------------------------|
| <input checked="" type="checkbox"/> Soil Stabilization (BFM, Hydroseed, Compost, etc.) | \$ <u>To Be Determined</u> |
| <input checked="" type="checkbox"/> Sediment Control (RECP, Slope Interruptors, etc.) | \$ <u>To Be Determined</u> |
| <input checked="" type="checkbox"/> Soil Building (Incorporate Materials, Duff, etc.) | \$ <u>To Be Determined</u> |
| <input checked="" type="checkbox"/> Steep Slope Applications (Wire Blanket, Cellular Confinement, etc.) | \$ <u>To Be Determined</u> |

B) SUBTOTAL \$ 335,000*

C) MITIGATION PLANTING COST INFORMATION:

- | | |
|-------------------------------------------------------------------------------------|----------------------------------------------|
| <input checked="" type="checkbox"/> Landscape Architecture Tasked Biological Reveg. | \$ <u>-To Be Determined</u> |
| <input checked="" type="checkbox"/> Visual Impact Mitigation Planting | \$ <u>- Paid as part of Highway Planting</u> |

C) SUBTOTAL \$ -To Be Determined

D) DESIGN FOR ROADSIDE MAINTENANCE SAFETY:

- | | |
|---------------------------------------------|-------------------------|
| <input checked="" type="checkbox"/> Paving. | \$ <u>-20-125/ Sqyd</u> |
| <input checked="" type="checkbox"/> Access | \$ <u>-1,500 Ea</u> |

D) SUBTOTAL \$ -To Be Determined

**E) DESIGN FOR ROADSIDE VEGETATION
MANAGEMENT TREATMENT:**

- | | |
|-------------------------------------------|-------------------------|
| <input checked="" type="checkbox"/> MBGR | \$ <u>-25-100/ Sqyd</u> |
| <input checked="" type="checkbox"/> Signs | \$ <u>-25-100/ Sqyd</u> |

E) SUBTOTAL \$ -To Be Determined

F) AESTHETIC TREATMENT:

- | | |
|-----------------------------------------------------------|---------------------------|
| <input checked="" type="checkbox"/> Soundwall (CMU Block) | \$ <u>-\$16.50/Sqft</u> |
| <input checked="" type="checkbox"/> Soundwall (Concrete) | \$ <u>-\$3.50/Sqft</u> |
| <input checked="" type="checkbox"/> Retaining Wall | \$ <u>-\$-\$3.50/Sqft</u> |
| <input checked="" type="checkbox"/> Bridge Structure (| \$ <u>-\$3.50/Sqft</u> |
| <input checked="" type="checkbox"/> Slope Paving | \$ <u>-\$600/CuYd</u> |

F) SUBTOTAL \$ -To Be Determined

TOTAL (A+B) \$ 7,335,000*

*For project initiation purposes, subtotal A+B should target roughly 5% of the project cost of roadway construction items.

NOT INCLUDED IN ESTIMATE

- 1) Tree removal costs associated with 'Clearing and Grubbing'
- 2) Temporary erosion control/ water pollution control
- 3) Contour grading/ benching/ surface roughening

