

# Memorandum

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**To:** RACHEL FALSETTI  
Chief  
Division of Transportation Programming

**From:** DEPARTMENT OF TRANSPORTATION  
Division of Transportation Programming  
MS-82

**Date:** February 9, 2011

**File:** SHOPP Amendments  
10H-219 to 10H-231

**Subject:** Amendments to the 2010 SHOPP

## RECOMMENDATION

I recommend that the following 2010 SHOPP Amendments be approved:

### **2010 SHOPP AMENDMENTS TO ALLOW FUNDING IN FY 2010/11 AND BEYOND**

This amendment adds a Bridge Preservation project on Route 70 in Butte County at a total cost of \$2,353,000 (\$25,000 Right of Way and \$2,328,000 Construction). This project will seismic retrofit two bridges to maintain structural integrity, reduce risk to lives and property, and comply with the Seismic Retrofit Strategy Report. This project will be funded from the programming capacity provided through the updated 2010 SHOPP Fund Estimate approved April 2010.

| Amend #<br>PPNO     | Dist-Co-Rte<br>PM<br>EA<br>Project ID              | Project Location and<br>Description of Work  | R/W Cost<br>Const. Cost<br>(\$1,000) | FY    | Support Costs<br>(\$1,000)                      |  | Program Code<br>Leg. /Congr. Dists.<br>Perf. Meas.              |
|---------------------|--|--|--------------------------------------|-------|---|--|---|
|                     |  |  |                                      |       |   |  |   |
| 10H-219<br><br>2279 | 3-But-70<br>26.8/27.0<br><br>3E120<br>03 0000 0474 | Near Oroville, at Pentz<br>Overhead #12-138 and at<br>Cherokee Overhead #12-<br>137. Seismic retrofit. | \$25 (R/W)<br>\$2,328 (C)            | 13/14 | PA & ED<br>PS & E<br>RW Sup<br>Con Sup<br>Total | \$270<br>\$600<br>\$85<br>\$610<br>\$1,565 | 201.113<br>Assembly: 3<br>Senate: 1<br>Congress: 2<br>2 Bridges |

This amendment adds a Bridge Major Rehabilitation project on Route 50 in El Dorado County at a total cost of \$6,702,000 (\$2,000 Right of Way and \$6,700,000 Construction). This project will replace one bridge to maintain structure integrity, reduce the risk to lives and property and to comply with the Structure Replacement and Improvement Needs (STRAIN) report recommendation. This project will be funded from the programming capacity provided through the updated 2010 SHOPP Fund Estimate approved April 2010.

| Amend #<br>PPNO     | Dist-Co-Rte<br>PM<br>EA<br>Project ID         | Project Location and<br>Description of Work  | R/W Cost<br>Const. Cost<br>(\$1,000) | FY    | Support Costs<br>(\$1,000)                      |   | Program Code<br>Leg. /Congr. Dists.<br>Perf. Meas.             |
|---------------------|---|--|--------------------------------------|-------|---|---|--|
|                     |   |  |                                      |       |   |   |  |
| 10H-220<br><br>3291 | 3-ED-50<br>R31.3<br><br>0F220<br>03 0000 0072 | Near Pollack Pines, 11 miles<br>east of Placerville at Sly<br>Park Road Undercrossing<br>#25-42. Replace bridge. | \$2 (R/W)<br>\$ 6,700 (C)            | 13/14 | PA & ED<br>PS & E<br>RW Sup<br>Con Sup<br>Total | \$0<br>\$ 850<br>\$11<br>\$1,000<br>\$1,861 | 201.110<br>Assembly: 4<br>Senate: 1<br>Congress: 4<br>1 Bridge |

This amendment adds a Capital Bridge Preventative Maintenance project on Route 80 in Sacramento County at a total cost of \$1,735,000 (\$5,000 Right of Way and \$1,730,000 Construction). This project will seal hinge cracks, apply polyester concrete overlay, replace joint seals and patch all spalled concrete to two bridges to maintain structure integrity and reduce the risk to lives and properties. This project will be funded from the programming capacity provided through the updated 2010 SHOPP Fund Estimate approved April 2010.

| Amend #<br>PPNO     | Dist-Co-Rte<br>PM<br>EA<br>Project ID             | Project Location and<br>Description of Work   | R/W Cost<br>Const. Cost<br>(\$1,000) | FY    | Support Costs<br>(\$1,000) |        | Program Code<br>Leg. /Congr. Dists.<br>Perf. Meas.                    |
|---------------------|---|---|--------------------------------------|-------|----------------------------|--------|---|
|                     |   |   |                                      |       | PA & ED                    | PS & E |   |
| 10H-221<br><br>6693 | 3-Sac-80<br>8.1/11.1<br><br>0F680<br>03 0000 0099 | In and near Sacramento, at North Avenue Overcrossing #24-106 and at the 80/244 Separation Bridge #24-292. Rehabilitate bridges. | \$5 (R/W)<br>\$1,730 (C)             | 12/13 | PA & ED                    | \$105  | 201.119<br>Assembly: 5, 9<br>Senate: 6<br>Congress: 3, 5<br>2 Bridges |
|                     |   |   |                                      |       | PS & E                     | \$335  |   |
|                     |   |   |                                      |       | RW Sup                     | \$8    |   |
|                     |   |   |                                      |       | Con Sup                    | \$340  |   |
|                     |   |   |                                      |       | Total                      | \$788  |   |

This amendment adds a Capital Bridge Preventative Maintenance project on various routes in Colusa, Butte, and Glenn Counties at various locations at a total cost of \$782,000 (\$50,000 Right of Way and \$732,000 Construction). This project will scour mitigate seven bridges by re-grading slope and placing Rock Slope Protection (RSP) system to preserve the integrity of the structures and extend its useful life. This project will be funded from the Capital Bridge Preventative Maintenance Reservation in the 2010 SHOPP.

| Amend #<br>PPNO     | Dist-Co-Rte<br>PM<br>EA                       | Project Location and<br>Description of Work  | R/W Cost<br>Const. Cost<br>(\$1,000) | FY    | Support Costs<br>(\$1,000) |        | Program Code<br>Leg. /Congr. Dists.<br>Perf. Meas.              |
|---------------------|---|--|--------------------------------------|-------|----------------------------|--------|---|
|                     |   |  |                                      |       | PA & ED                    | PS & E |   |
| 10H-222<br><br>2789 | 3-Col-Var<br>Var<br><br>4M200<br>03 0002 0038 | In Colusa, Butte, and Glenn Counties on various routes at various locations. Scour mitigation. | \$50 (R/W)<br>\$732 (C)              | 12/13 | PA & ED                    | \$195  | 201.119<br>Assembly: 2<br>Senate: 4<br>Congress: 3<br>7 Bridges |
|                     |   |  |                                      |       | PS & E                     | \$200  |   |
|                     |   |  |                                      |       | RW Sup                     | \$30   |   |
|                     |   |  |                                      |       | Con Sup                    | \$195  |   |
|                     |   |  |                                      |       | Total                      | \$620  |   |

This amendment adds a Safety Improvement project on Route 9 in Santa Clara County at a total cost of \$2,643,000 (\$10,000 Right of Way and \$2,633,000 Construction). This project will widen shoulders at 35 locations to reduce the number and severity of collisions and to provide motorists regain control of their vehicles and safely re-enter the highway. This project will be funded from the Safety Improvements Reservation in the 2010 SHOPP.

| Amend #<br>PPNO     | Dist-Co-Rte<br>PM<br>EA                         | Project Location and<br>Description of Work  | R/W Cost<br>Const. Cost<br>(\$1,000) | FY    | Support Costs<br>(\$1,000) |        | Program Code<br>Leg. /Congr. Dists.<br>Perf. Meas.  |
|---------------------|---|--|--------------------------------------|-------|----------------------------|--------|---|
|                     |   |  |                                      |       | PA & ED                    | PS & E |   |
| 10H-223<br><br>0882 | 4-SCI-9<br>0.0/7.0<br><br>1G070<br>04 0000 2013 | Near Saratoga, from Route 35 Junction to 0.1 mile south of 6 <sup>th</sup> Street Intersection. Widen shoulders. | \$10 (R/W)<br>\$2,633 (C)            | 12/13 | PA & ED                    | \$0    | 201.010<br>Assembly: 21, 24<br>Senate: 11<br>Congress: 14, 15<br>75 Collisions<br>Reduced |
|                     |   |  |                                      |       | PS & E                     | \$430  |   |
|                     |   |  |                                      |       | RW Sup                     | \$32   |   |
|                     |   |  |                                      |       | Con Sup                    | \$470  |   |
|                     |   |  |                                      |       | Total                      | \$932  |   |

This amendment adds a Permanent Restoration project on Route 1 in Monterey County at a total cost of \$39,620,000 (\$500,000 Right of Way and \$39,120,000 Construction). This project is necessary to construct a viaduct structure to restore the roadway to full width and to provide long-term stability of the highway at this location. This project will be funded from the Permanent Restoration Program in the 2010 SHOPP. The project is eligible for federal emergency relief (ER) funding. SHOPP funding will be adjusted to include the ER funds when they become available in the federal budget.

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|---------------------|---|---|--------------------------------------|-------|---|--|---|
|                     |   |   |                                      |       |   |  |   |
| 10H-224<br><br>2314 | 5-Mon-1<br>21.6/22.1<br><br>OT850<br>05 0002 0308 | Near Lucia, from north of Limekiln Creek Bridge to south of Lucia. Construct viaduct. | \$500 (R/W)<br>\$39,120 (C)          | 13/14 | PA & ED<br>PS & E<br>RW Sup<br>Con Sup<br>Total | \$4,500<br>\$3,821<br>\$793<br>\$6,340<br>\$15,454 | 201.131<br>Assembly: 27<br>Senate: 15<br>Congress: 17<br>1 Location |

This amendment adds a Permanent Restoration project on Route 99 in Tulare County at a total cost of \$1,605,000 (\$5,000 Right of Way and \$1,600,000 Construction). This project is necessary to repair damage to a Bridge Overcrossing hit by a vehicle. This project will be funded from the Permanent Restoration reservation in the 2010 SHOPP.

| Amend #<br>PPNO     | Dist-Co-Rte<br>PM<br>EA<br>Project ID          | Project Location and<br>Description of Work  | R/W Cost<br>Const. Cost<br>(\$1,000) | FY    | Support Costs<br>(\$1,000)                      |                                       | Program Code<br>Leg. /Congr. Dists.<br>Perf. Meas.                              |
|---------------------|--|--|--------------------------------------|-------|---|---------------------------------------|---|
|                     |  |  |                                      |       |   |                                       |   |
| 10H-225<br><br>6510 | 6-Tul-99<br>23.49<br><br>0N080<br>06 0002 0485 | Near the city of Tulare, at Avenue 184 Overcrossing (Bridge 46-0192). Repair bridge. | \$5 (R/W)<br>\$1,600 (C)             | 10/11 | PA & ED<br>PS & E<br>RW Sup<br>Con Sup<br>Total | \$0<br>\$160<br>\$3<br>\$240<br>\$403 | 201.131<br>Assembly: 31, 32<br>Senate: 14, 16<br>Congress: 20, 21<br>1 Location |

This amendment adds a Safety Improvement project on Route 79 in Riverside County at a total cost of \$381,000. This project is necessary to install rumble strips to reduce the number and severity of collisions at this location. This project will be funded from the Safety Improvements Reservation in the 2010 SHOPP.

| Amend #<br>PPNO      | Dist-Co-Rte<br>PM<br>EA<br>Project ID               | Project Location and<br>Description of Work   | R/W Cost<br>Const. Cost<br>(\$1,000) | FY    | Support Costs<br>(\$1,000)                      |   | Program Code<br>Leg. /Congr. Dists.<br>Perf. Meas.                                |
|----------------------|---|---|--------------------------------------|-------|---|---|---|
|                      |   |   |                                      |       |   |   |   |
| 10H-226<br><br>0068J | 8-RIV-79<br>R34.2/40.1<br><br>0P960<br>08 0002 0089 | In San Jacinto, from 1.3 miles north of Gilman Springs Road to south of First Street in Beaumont. Install rumble strips and reflective markers. | \$381 (C)                            | 11/12 | PA & ED<br>PS & E<br>RW Sup<br>Con Sup<br>Total | \$157<br>\$220<br>\$7<br>\$158<br>\$542 | 201.010<br>Assembly: 65<br>Senate: 31<br>Congress: 44<br>60 Collisions<br>reduced |

This amendment adds a Safety Enhancement project (Collision Severity Reduction) on Route 15 in San Bernardino and Riverside Counties at a total cost of \$1,927,000 (\$5,000 for Right of Way and \$1,922,000 for Construction). This project is necessary to reduce the number and severity of collisions at this location. This project will be funded from the Safety Improvements Reservation in the 2010 SHOPP.

| Amend #<br>PPNO      | Dist-Co-Rte<br>PM<br>EA<br>Project ID              | Project Location and<br>Description of Work  | R/W Cost<br>Const. Cost<br>(\$1,000) | FY    | Support Costs<br>(\$1,000)                      |  | Program Code<br>Leg. /Congr. Dists.<br>Perf. Meas.   |
|----------------------|--|--|--------------------------------------|-------|---|--|--|
|                      |  |  |                                      |       |   |  |  |
| 10H-227<br><br>0030G | 8-SBd-15<br>51.5/52.3<br><br>0N510<br>08 0000 1008 | Near Victorville, from west of Bell Mountain Road to east of Bell Mountain Road; also in Riverside County near Temecula from Rainbow Valley Blvd interchange to 1 mile south of Route 79. Replace metal beam guardrail with concrete barriers. | \$5 (R/W)<br>\$1,922 (C)             | 12/13 | PA & ED<br>PS & E<br>RW Sup<br>Con Sup<br>Total | \$230<br>\$530<br>\$28<br>\$460<br>\$1,248 | 201.015<br>Assembly: 64, 71<br>Senate: 31, 32<br>Congress: 43, 44<br>3 Collisions<br>reduced |

This amendment adds a Safety Enhancement project (Collision Severity Reduction) on Route 138 in San Bernardino County at a total cost of \$23,717,000 (\$150,000 for Right of Way and \$23,567,000 for Construction). This project is necessary to reduce the number and severity of collisions at this location. This project will be funded from the Safety Improvements Reservation in the 2010 SHOPP.

| Amend #<br>PPNO      | Dist-Co-Rte<br>PM<br>EA<br>Project ID                 | Project Location and<br>Description of Work   | R/W Cost<br>Const. Cost<br>(\$1,000) | FY    | Support Costs<br>(\$1,000)                      |   | Program Code<br>Leg. /Congr. Dists.<br>Perf. Meas.                                 |
|----------------------|---|---|--------------------------------------|-------|---|---|--|
|                      |   |   |                                      |       |   |   |  |
| 10H-228<br><br>0237P | 8-SBd-138<br>R17.1/R19.2<br><br>0Q300<br>08 0002 0191 | Near Hesperia, from 1.8 miles east of Route 15 to west of Summit Post Office Road. Realign roadway. | \$150 (R/W)<br>\$23,567 (C)          | 13/14 | PA & ED<br>PS & E<br>RW Sup<br>Con Sup<br>Total | \$1,257<br>\$3,248<br>\$677<br>\$3,934<br>\$9,116 | 201.015<br>Assembly: 59<br>Senate: 17<br>Congress: 41<br>160 Collisions<br>reduced |

This amendment adds a Major Damage Restoration project on Route 138 in San Bernardino County at a total cost of \$1,107,000 (\$2,000 Right of Way and \$1,105,000 Construction). This project is necessary to repair/replace culverts that were deformed due to the heat from forest fires. This project will be funded from the Major Damage Restoration Program in the 2010 SHOPP.

| Amend #<br>PPNO      | Dist-Co-Rte<br>PM<br>EA<br>Project ID                 | Project Location and<br>Description of Work  | R/W Cost<br>Const. Cost<br>(\$1,000) | FY    | Support Costs<br>(\$1,000)                      |  | Program Code<br>Leg. /Congr. Dists.<br>Perf. Meas.                   |
|----------------------|---|--|--------------------------------------|-------|---|--|--|
|                      |   |  |                                      |       |   |  |  |
| 10H-229<br><br>0236K | 8-SBd-138<br>R26.5/R29.5<br><br>0Q240<br>08 0002 0340 | Near Crestline, from West Fork Mojave River to east of Burnt Mill Canyon. Repair/replace culverts. | \$2 (R/W)<br>\$1,105 (C)             | 11/12 | PA & ED<br>PS & E<br>RW Sup<br>Con Sup<br>Total | \$34<br>\$168<br>\$6<br>\$166<br>\$374 | 201.131<br>Assembly: 59<br>Senate: 17<br>Congress: 41<br>2 Locations |

This amendment adds a Collision Severity Reduction project on Route 395 in Inyo County at a total cost of \$1,866,000 (\$36,000 Right of Way and \$1,830,000 Construction). This project is necessary to improve traffic safety by widening shoulders, repairing slopes and adding rumble strips. This project will be funded from the Collision Reduction Program in the 2010 SHOPP.

| Amend #<br>PPNO     | Dist-Co-Rte<br>PM<br>EA<br>Project ID                 | Project Location and<br>Description of Work   | R/W Cost<br>Const. Cost<br>(\$1,000) | FY    | Support Costs<br>(\$1,000)                      |   | Program Code<br>Leg. /Congr. Dists.<br>Perf. Meas.                                |
|---------------------|---|---|--------------------------------------|-------|---|---|---|
|                     |   |   |                                      |       |   |   |   |
| 10H-230<br><br>0605 | 9-Iny-395<br>R20.3/R22.2<br><br>35120<br>09 0002 0058 | Near Lone Pine, from Rose Valley Ranch Road to north of the Los Angeles Aqueduct Bridge. Widen shoulders, correct roadside slope, and install rumble strip. | \$36 (R/W)<br>\$1,830 (C)            | 13/14 | PA & ED<br>PS & E<br>RW Sup<br>Con Sup<br>Total | \$585<br>\$670<br>\$147<br>\$599<br>\$2,001 | 201.015<br>Assembly: 34<br>Senate: 18<br>Congress: 25<br>20 Collisions<br>Reduced |

This amendment adds a Drainage System Restoration project on Route 395 in Mono County at a total cost of \$1,375,000 (\$120,000 Right of Way and \$1,255,000 Construction). This project is necessary to replace 23 damaged culverts due to age. This project will be funded from the Roadway Preservation reservation in the 2010 SHOPP.

| Amend #<br>PPNO     | Dist-Co-Rte<br>PM<br>EA<br>Project ID               | Project Location and<br>Description of Work  | R/W Cost<br>Const. Cost<br>(\$1,000) | FY    | Support Costs<br>(\$1,000)                      |   | Program Code<br>Leg. /Congr. Dists.<br>Perf. Meas.                   |
|---------------------|---|--|--------------------------------------|-------|---|---|--|
|                     |   |  |                                      |       |   |   |  |
| 10H-231<br><br>0587 | 9-Mno-395<br>77.0/87.0<br><br>34090<br>09 0002 0091 | Near Bridgeport, from north of Green Creek Road to south of Dressler Creek Bridge. Replace Culverts. | \$120 (R/W)<br>\$1,255 (C)           | 13/14 | PA & ED<br>PS & E<br>RW Sup<br>Con Sup<br>Total | \$519<br>\$498<br>\$219<br>\$374<br>\$1,610 | 201.151<br>Assembly: 25<br>Senate: 18<br>Congress: 25<br>23 Culverts |

Approved:

***Original signed by***  
 RICK GUEVEL, Chief  
 Office of SHOPP Management

***Original signed by***  
 RACHEL FALSETTI  
 Chief  
 Division of Transportation Programming

cc: DISTRICT DIRECTORS (3, 4, 5, 6, 8 and 9)

Pieplow                      SKeck                      MWeiss                      TAbbott