

| 2004/2005 HES PROGRAM PLAN - WORK TYPE PROJECTS |          |   |        |                                    |         |   |   |                   |                     |
|---|----------|---|--------|------------------------------------|---------|---|---|-------------------|---------------------|
|   | DISTRICT | AGENCY  | LOCODE | WORK TYPE (WT) DESCRIPTION         | WT CAT. | LOCATION OF WORK  | TYPE OF WORK  | Original Estimate | Federal Share (90%) |
| 1   | 1        | Lake County                                     | 5914   | Overlay for Skid Treatment         | 19      | Soda Bay Rd. from Gaddy Ln. to Clear Lake State Park; Seigler Canyon Rd. from PM 3.2 to 3.6   | Construct open-grade AC overlay   | \$388,000         | \$349,200           |
| 2   | 1        | Ukiah   | 5049   | Upgrade Traffic Signals            | 10      | 12 signalized intersections within the City of Ukiah  | Upgrade signal lamps (LED); install battery back-up system                                  | \$160,500         | \$144,500           |
| 3   | 2        | Plumas County                                   | 5909   | New and Upgraded Guardrail         | 8       | North Valley Rd. at PM 6.7; Arlington Rd. at PM 3.1 and 3.6; Lake Davis Rd. at PM 6.7 and 6.8                                       | Install new and upgrade old MBGR  | \$215,020         | \$193,518           |
| 4   | 2        | Shasta Lake                                     | 5474   | Bicycle/Pedestrian Improvements    | 21      | Shasta Dam Blvd. (SR 151) between Oregon Ave. and Washington Ave.   | Install bike lanes, curb, gutter and sidewalk; install street lights                        | \$397,100         | \$357,390           |
| 5   | 2        | Shasta County                                   | 5906   | Realign Roadway                    | 18      | Bear Mountain Rd. between Golden Trails West and Creek Trail  | Construct curve correction; upgrade railings  | \$470,000         | \$235,000           |
| 6   | 3        | Colusa County                                   | 5915   | Remove Obstacles                   | 5       | Walnut Dr. at Spring Creek  | Lengthen culvert and widen roadway  | \$245,000         | \$220,500           |
| 7   | 3        | Nevada County                                   | 5917   | Pavement Markings and Delineation  | 15      | Tyler Foote Rd.; North Bloomfield Rd.; Scotts Flat Rd.; Norlene Way; Combie Rd.; Banner Lava Cap Rd.                                | Install recessed reflective pavement markers  | \$125,812         | \$113,230           |
| 8   | 3        | Auburn  | 5077   | Upgrade Traffic Signals            | 10      | Borland Ave./East Lincoln Way at SR 49  | Modify and upgrade traffic signals and phasing.   | \$308,000         | \$277,200           |
| 9   | 3        | Live Oak  | 5297   | Bicycle/Pedestrian Improvements    | 21      | Various City Streets  | Install in-pavement crosswalk lights; install crosswalks and pavement markings              | \$220,000         | \$198,000           |
| 10  | 3        | Glenn County                                    | 5911   | Remove Obstacles                   | 5       | CR 44 at 2 locations  | Lengthen culvert and widen roadway  | \$310,000         | \$279,000           |
| 11  | 4        | Alameda   | 5014   | In-pavement crosswalk lights       | 25      | Park St. and Webb Ave; Park St. and San Antonio Ave; Park St. between Santa Clara Ave. and Central Ave; Webster St. and Taylor Ave. | Install in-pavement crosswalk lights  | \$176,000         | \$158,400           |
| 12  | 4        | Oakland   | 5012   | Remove Obstacles                   | 5       | Various locations throughout Oakland  | Replace all drain grates with bicycle-proof drain grates                                    | \$400,000         | \$360,000           |
| 13  | 4        | Pleasant Hill                                   | 5375   | In-pavement crosswalk lights       | 25      | On Gregory Lane, 500 feet east of Pleasant Hill Rd.   | Install in-pavement crosswalk lights  | \$47,300          | \$42,570            |
| 14  | 4        | Marin County                                    | 5927   | Upgrade Traffic Signals            | 10      | College Ave. and Stadium Way  | Replace mechanical pedestrian-activated traffic signal controller and equipment             | \$99,000          | \$89,100            |
| 15  | 4        | San Francisco Department of Parking and Traffic | 6328   | New Traffic Signals                | 6       | Skyline Blvd. (SR 35) at Lake Merced Blvd. and Herbst Rd.   | Install new traffic signal  | \$235,600         | \$117,800           |
| 16  | 4        | San Francisco Department of Parking and Traffic | 6328   | Bicycle/Pedestrian Improvements    | 21      | 30 various intersections within the city/county of San Francisco  | Install pedestrian countdown signal heads   | \$360,000         | \$324,000           |
| 17  | 4        | Daly City                                       | 5196   | Traffic Signs                      | 3       | Lake Merced Blvd. approximately 1000 feet north of John Daly Blvd.  | Install flashing yellow beacons and warning signs   | \$124,300         | \$111,870           |
| 18  | 4        | Menlo Park                                      | 5273   | Emergency vehicle priority systems | 20      | Willow Rd. between Middlefield Rd. and Bayfront Expressway (SR 84)  | Install emergency vehicle priority control system at 10 intersections                       | \$200,000         | \$180,000           |
| 19  | 4        | Vallejo   | 5030   | Upgrade Traffic Signals            | 10      | Broadway and Tennessee St.  | Modify signal system to include left-turn phases for northbound and southbound Broadway     | \$104,500         | \$94,050            |
| 20  | 4        | Vallejo   | 5030   | Upgrade Traffic Signals            | 10      | Tuolumne St. and Tennessee St.  | Modify signal system to include left-turn phases for northbound and southbound Tuolumne St. | \$90,200          | \$81,180            |
| 21  | 5        | Monterey County                                 | 5944   | New Guardrail                      | 8       | Arroyo Seco Rd. between PM 9.08 and 10.60   | Install guardrail at 6 locations  | \$147,345         | \$132,610           |
| 22  | 5        | Santa Cruz                                      | 5025   | Bicycle/Pedestrian Improvements    | 21      | Soquel Ave. and Capitola Rd.  | Reconstruct existing free right turn slip to reduce bike/ped conflicts                      | \$440,000         | \$360,000           |
| 23  | 5        | Monterey County                                 | 5944   | Upgrade Guardrail                  | 8       | Metz Rd. near PM 8.0  | Replace and extend guardrail  | \$48,400          | \$43,560            |
| 24  | 5        | San Luis Obispo County                          | 5949   | Overlay for Skid Treatment         | 19      | Prefumo Canyon Rd. west of city limits of San Luis Obispo   | Overlay gravel segment of road  | \$237,000         | \$213,300           |
| 25  | 5        | Santa Maria                                     | 5138   | Emergency vehicle priority systems | 20      | Main St. from Suey Rd. to Blosser   | Install emergency vehicle priority control system at 11 intersections                       | \$90,037          | \$81,033            |
| 26  | 6        | Clovis  | 5208   | New Traffic Signals                | 6       | Armstrong Ave. and Herndon Ave.   | Install traffic signals   | \$402,000         | \$360,000           |

| 2004/2005 HES PROGRAM PLAN - WORK TYPE PROJECTS |          |                    |        |                                      |         |  |   |                   |                     |
|---|----------|--------------------|--------|--------------------------------------|---------|--|---|-------------------|---------------------|
|   | DISTRICT | AGENCY             | LOCODE | WORK TYPE (WT) DESCRIPTION           | WT CAT. | LOCATION OF WORK   | TYPE OF WORK  | Original Estimate | Federal Share (90%) |
| 27  | 6        | Fresno             | 5060   | Upgrade Traffic Signals              | 10      | East Butler Ave. and South Orange Ave.   | Widen and realign approach to intersection; modify traffic signal phasing;                              | \$245,242         | \$220,718           |
| 28  | 6        | Taft               | 5193   | Bicycle/Pedestrian Improvements      | 21      | 4th St. between Ash St. and Main St.; 6th St. between Ash St. and Warren St.             | Construct curb, gutter, sidewalks and curb ramps  | \$170,899         | \$153,809           |
| 29  | 6        | Dinuba             | 5143   | In-pavement crosswalk lights         | 25      | Euclid Ave. and Kamm Ave.  | Install in-pavement crosswalk lights  | \$271,150         | \$244,035           |
| 30  | 7        | Santa Clarita      | 5450   | Bicycle/Pedestrian Improvements      | 21      | 10 signalized crossings at various locations within the city limits                      | Remove portions of median islands in crosswalks; reconstruct pedestrian ramps; upgrade ped push buttons | \$400,000         | \$360,000           |
| 31  | 7        | Lynwood            | 5250   | Bicycle/Pedestrian Improvements      | 21      | Atlantic Ave. and Pendleton Ave.   | Install pedestrian signal; install signs, pavement markings, crosswalks and curb ramps                  | \$246,130         | \$221,517           |
| 32  | 7        | Los Angeles        | 5006   | Bicycle/Pedestrian Improvements      | 21      | Hollywood Blvd. and St. Andrews Pl.; Broadway and 67th St.; Vanowen St. and Lederer Ave. | Construct sidewalks, curb ramps, intersection lighting, and "Smart" crosswalk                           | \$300,000         | \$270,000           |
| 33  | 7        | Ventura County     | 5952   | New Median Barrier                   | 7       | Victoria Ave. between Gonzales Rd. and the Santa Clara River bridge                      | Install new median barrier and new guardrail  | \$267,960         | \$241,164           |
| 34  | 7        | Los Angeles County | 5953   | Upgrade Guardrail                    | 8       | 33 sites along 15 county roadways  | Upgrade 6,600 linear feet of guardrail  | \$719,800         | \$360,000           |
| 35  | 8        | Ontario            | 5092   | New Traffic Signals                  | 6       | Jurupa St. and Vintage Ave.  | Install traffic signal  | \$193,000         | \$174,240           |
| 36  | 8        | Victorville        | 5380   | New Traffic Signals                  | 6       | Bear Valley Rd. and Topaz Rd.  | Install traffic signal  | \$265,000         | \$238,500           |
| 37  | 8        | Moreno Valley      | 5441   | Remove Obstacles                     | 5       | Indian St. and Cactus Ave.   | Eliminate cross gutter and re-profile with storm drain and catch basins                                 | \$597,300         | \$360,000           |
| 38  | 9        | Ridgecrest         | 5385   | New Traffic Signals                  | 6       | China Lake Blvd. And Rader Ave.  | Install traffic signal  | \$354,000         | \$318,600           |
| 39  | 10       | Modesto            | 5059   | Relocated or breakaway utility poles | 2       | Briggsmore Ave. between Oakdale Rd./Claus Rd. and Prescott Rd./McHenry Ave.              | Install breakaway brackets on existing street light standards   | \$178,000         | \$160,200           |
| 40  | 10       | Tuolumne County    | 5932   | Widen Shoulder                       | 16      | Old Priest Grade Rd. between Big Oak Flat and Moccasin                                   | Widen road; install guardrail   | \$770,000         | \$360,000           |
| 41  | 11       | La Mesa            | 5207   | Upgrade Traffic Signals              | 10      | Grossmont Center Dr. and Center Dr.  | Install left-turn signal and phasing  | \$55,000          | \$49,400            |
| 42  | 11       | Chula Vista        | 5203   | Upgrade Traffic Signals              | 10      | Second Ave. and "H" St.  | Provide protective/permissive phasing to existing traffic signals                                       | \$105,600         | \$95,040            |
| 43  | 11       | Solana Beach       | 5445   | Upgrade Guardrail                    | 8       | Highland Dr. between Valley Ave. and Ida Ave.  | Replace existing guardrail  | \$30,800          | \$27,720            |
| 44  | 11       | Del Mar            | 5356   | Upgrade Traffic Signals              | 10      | Various intersections within city limits   | Replace all existing incandescent yellow traffic lights with LED amber traffic lights                   | \$25,000          | \$22,500            |
| 45  | 11       | San Marcos         | 5381   | New Traffic Signals                  | 6       | San Marcos Blvd. and Pico Ave.   | Install traffic signal  | \$214,500         | \$193,050           |
| 46  | 11       | Vista              | 5382   | Median for Traffic Separation        | 12      | Escondido Ave. from SR 78 to Crescent Dr.  | Install raised medians to separate traffic  | \$341,000         | \$306,900           |
| 47  | 12       | Orange County      | 5955   | Bicycle/Pedestrian Improvements      | 21      | Oso Parkway between Meandering Trail and Solano  | Fill in sidewalk gap for pedestrian and school traffic  | \$133,100         | \$119,790           |
| 48  | 12       | Yorba Linda        | 5402   | Bicycle/Pedestrian Improvements      | 21      | Rose Dr. between Yorba Linda Blvd & Bastanchury Rd.                                      | Install pedestrian/bicycle traffic signal for school crosswalk & bicycle trail                          | \$185,735         | \$167,160           |
| 49  | 12       | Irvine             | 5410   | Upgrade Traffic Signals              | 10      | Campus Dr. and Cornell   | Modify signal equipment; alter phasing; install additional indicators                                   | \$32,200          | \$28,980            |
|   |          |                    |        |                                      |         |  |   | Total:            | \$9,810,334         |