

Project List for Highway Safety Improvement Program (HSIP) Cycle 10
(Sort by Caltrans District and Agency Name)

* Application Category: **BCR** = Benefit-Cost Ratio; **SA-PedCrossing** = Set-aside for Pedestrian Crossing Enhancements; **SA-Guardrail** = Set-aside for Guardrail Upgrade; **SA-Edgeline** = Set-aside for Installing Edgelines.

No.	Unique Project ID	Original Application ID	Caltrans District	Agency Name	MPO	Project Title	Location of Work	Description of Work	Project Cost	HSIP Funds (State)	Application Category*
1	H10-01-001	01-Eureka-1	1	Eureka	RURAL	H & I Corridor Buffered Bike Lanes	H and I Streets, between 5th Street and Harris Street.	Reduce H & I St. from 3 lanes to 2 lanes, add buffered bike lanes, pedestrian upgrades to nonsignalized intersections such as curb extensions and RRFBs, and add other safety improvements such as signal re-timing and dynamic speed warning signs.	\$ 3,198,800	\$ 2,878,920	BCR
2	H10-01-002	01-Eureka-3	1	Eureka	RURAL	6th & 7th Street Corridors Pedestrian Crossing Improvements	18 non-signalized intersections along the 6th and 7th Street corridors.	Pedestrian crossing improvements at 18 non-signalized intersections throughout the 6th and 7th Street corridors within the City of Eureka including crosswalk markings, curb extensions and pedestrian crossing signage.	\$ 1,057,500	\$ 1,057,500	BCR
3	H10-01-003	01-County of Humboldt - DPW-1	1	Humboldt County	RURAL	Improving pedestrian safety in McKinleyville and Redway	Intersection of Hammond Trail with Hiller Road and mid-town trail crossing at intersection of Washington and Oakdale in McKinleyville and two uncontrolled crosswalks on Redwood Drive in Redway.	Install pedestrian rapid flashing beacons at Hammond Trail crossing of Hiller Road and at mid-town trail crossing of Washington at Oakdale in McKinleyville and two rectangular rapid flashing beacons with pedestrian refuges on Redwood Drive.	\$ 250,000	\$ 250,000	SA-PedCrossing
4	H10-01-004	01-Lakeport-1	1	Lakeport	RURAL	City of Lakeport Sign Replacement Program	Various locations throughout the City.	Implement a street sign replacement program. Replace 547 signs in the City including warning, regulatory, guide and City specific signs.	\$ 261,200	\$ 261,200	BCR
5	H10-01-005	01-Trinidad-1	1	Trinidad	RURAL	Funding Set-Asides for Pedestrian Crossing Enhancements	Three locations: Main Street at View Avenue; Edwards Street at Hector Street, and Edwards Street at Galindo Street.	Install Rectangular Rapid Flashing Beacons (RRFBs), curb/driveway extensions, ADA curb ramps, yield lines, traffic signs, striping and pavement markings.	\$ 250,000	\$ 250,000	SA-PedCrossing
6	H10-01-006	01-Trinidad-2	1	Trinidad	RURAL	Funding Set-Asides for Guardrail Upgrades	Scenic Drive south of Langford Road and Patrick's Point Drive north of Ocean Avenue.	Upgrade/replace existing guardrail systems and end treatments.	\$ 416,800	\$ 416,800	SA-Guardrail
7	H10-01-007	01-Trinidad-3	1	Trinidad	RURAL	Funding Set-Asides for Installing Edgelines	Trinidad Frontage Road from N. Westhaven Drive to End; Stagecoach Road from City Limits to Main Street; and Westhaven Drive from City Limits to Trinidad Frontage Road.	Install edgelines and improve striping.	\$ 132,800	\$ 132,800	SA-Edgeline
8	H10-02-001	02-City of Redding-1	2	Redding	SRTA	Systemic Left Turn Protection Project	4 Focus Areas including 6 Intersections: Continental St/Butte St; Placer St/Continental St; Placer St/East St Court St/Tehama St; South St/ California St; South St/ Market St.	Provide left turn lanes and left turn protected phasing where none exists at selected intersections. Install striping between intersections to facilitate intersection modifications.	\$ 1,201,000	\$ 1,080,900	BCR
9	H10-02-002	02-City of Redding-2	2	Redding	SRTA	Systemic Intersection Safety Lighting Project	18 Intersections throughout the City.	Install new intersection safety lighting where none exists and correct deficient existing lighting at un-signalized intersections.	\$ 849,100	\$ 840,609	BCR
10	H10-02-003	02-Shasta Lake-1	2	Shasta Lake	SRTA	State Route 151 - Pedestrian Crossing Enhancement Project	Three locations: State Route 151 & Median Avenue; State Route 151 & Grand Coulee (Mid-Block); and State Route 151 & Shasta Way.	Install pedestrian activated rectangular rapid flashing beacons and other associated crosswalk enhancements.	\$ 250,000	\$ 250,000	SA-PedCrossing
11	H10-03-001	03-Butte County-1	3	Butte County	BCAG	Foothill MBGR Update	Skyway from Toadtown Way to Humbug Summit Rd., Forbestown Rd from Rex Ln to Weiss Hill Rd, Lime Saddle Rd, Hurles Cir, Pentz Rd, Humboldt Rd, Stringtown Rd and Hurlton Sweeds Flat Rd.	Update existing guardrail. Upgrade post to metal.	\$ 1,126,300	\$ 1,000,000	SA-Guardrail
12	H10-03-002	03-Butte County-2	3	Butte County	BCAG	Butte County Valley Roads Edgelines	Midway from Durham Dayton Hwy to Chico City Limits, Lincoln Blvd from Palermo Rd to Monte Vista Ave, Larkin Rd from E Rio Bonito Rd to Oroville City Limits, Dayton Rd, E. Gridley Rd and Upper Palermo Rd.	Upgrade existing 4" painted edge lines to 6" thermoplastic stripe.	\$ 280,600	\$ 250,000	SA-Edgeline
13	H10-03-003	03-El Dorado County-2	3	El Dorado County	SACOG	Pleasant Valley Road Safety Improvements	Pleasant Valley Road.	Safety improvements including high friction surface treatment along high crash segments, centerline and center-line and edge-line striping along the entire length of Pleasant Valley Road, and other safety improvements.	\$ 3,062,600	\$ 3,062,600	BCR
14	H10-03-004	03-El Dorado County-5	3	El Dorado County	SACOG	Guardrail Upgrades Project	Multiple locations within Pollock Pines.	Replace out of compliance guardrail with new guardrail.	\$ 802,200	\$ 802,200	SA-Guardrail
15	H10-03-005	03-El Dorado County-6	3	El Dorado County	SACOG	Ice House Road Guardrail Project	5 locations along Ice House Road in El Dorado County.	Replace out of compliance guardrail with new guardrail.	\$ 197,800	\$ 197,800	SA-Guardrail
16	H10-03-006	03-El Dorado County-7	3	El Dorado County	SACOG	Pedestrian Safety Improvements	Three locations: Sly Park Road at USFC / Sac County School / Sugarloaf Fine Arts Camp Crossing; Pioneer Trail at High Meadow Trail Crosswalk; and Silva Valley Parkway at New York Creek Trail.	Install high visibility crosswalks and rectangular rapid flashing beacons (RRFB).	\$ 250,000	\$ 250,000	SA-PedCrossing
17	H10-03-007	03-El Dorado County-8	3	El Dorado County	SACOG	Installation of Recessed Edge-lines	Sly Park Road, Carson Road and Pony Express Trail.	Install approx. 65,000 feet of recessed edge-lines.	\$ 250,000	\$ 250,000	SA-Edgeline
18	H10-03-008	03-Elk Grove-1	3	Elk Grove	SACOG	Traffic signal modifications at 76 intersections.	76 signalized intersections in the City of Elk Grove.	Provide advanced dilemma zone detection for signalized intersection approached with posted speeds of 40 MPH or higher. Replace 8 inch signal heads with 12 inch, and add retro-reflective borders to all signal heads.	\$ 8,830,200	\$ 8,830,200	BCR
19	H10-03-009	03-Folsom-01	3	Folsom	SACOG	Signal Hardware, Signal Timing, Raised Pavement Markers and Striping at Signalized Intersections	Folsom Bd/Natoma Stn Dr; Blue Ravine Rd/Flower Dr, Natoma Stn Dr, E Bidwell St/BlueRavine Rd, Oak Ave Pk, Broadstone Pk, Glenn Dr, Creekside Dr; FolsomAuburn Rd/Oak Ave Pk, Folsom Lake Cr; E Natoma St/Prison Rd, Green Valley Rd; Iron Pt Rd/Willard Dr.	Improve signal hardware and signal timing, and install raised pavement markers and striping.	\$ 1,584,600	\$ 792,300	BCR

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20	H10-03-010	03-Folsom-02	3	Folsom	SACOG	Install delineators, reflectors and/or object markers, and edgeline rumble strips/stripes.	American River Canyon Dr - Oak Canyon Wy and Canyon Rim Dr; Folsom Bd - US-50 and Iron Pt Rd; Glenn Dr - Sibley St and Folsom Bd; Blue Ravine Rd - Crossing Wy and Riley St; Folsom Auburn Rd; Prairie City Road; E Bidwell St - US-50 and Mangini Pk.	Install delineators, reflectors and object markers (with retro-reflectivity) on the sides of roads, and install rumble strip along the edges of the roadway segments.	\$ 366,600	\$ 366,600	BCR
21	H10-03-011	03-Folsom-03	3	Folsom	SACOG	Median Barrier, Dynamic/Variable Speed Warning Sign, Delineators, Reflectors, and/or Object Markers	Folsom Lake Xing - Folsom Dam Rd and Johnny Cash Trail entrance; E Natoma St - Folsom Lake Xing and Gionata Wy; E Natoma St - Cimmaron Cir and Fargo Wy; Folsom Auburn Rd - Pinebrook Rd and Folsom Dam Rd.	Construct median barrier, install dynamic/variable speed warning signs, and delineators, reflectors, and/or object markers (with retro-reflectivity).	\$ 1,031,400	\$ 1,031,400	BCR
22	H10-03-012	03-Glenn County-1	3	Glenn County	RURAL	Forest Highway 7 Guardrail Replace	Forest Highway 7 (FH7) west of State Route 162 in western Glenn County.	Upgrade existing, damaged, and destroyed guardrail to current standards.	\$ 3,636,400	\$ 1,000,000	SA-Guardrail
23	H10-03-013	03-Grass Valley-1	3	Grass Valley	RURAL	Ped Crossing Set-aside	Various locations throughout the City of Grass Valley. Areas include crossings adjacent to city schools, parks and commercial areas.	Install Rectangular Rapid Flashing Beacons (RRFBs), pavement striping and markings, pedestrian crossing signs, as well as a raised crosswalk and curb ramps.	\$ 250,000	\$ 250,000	SA-PedCrossing
24	H10-03-014	03-Nevada County-1a	3	Nevada County	RURAL	2022 Nevada County Thermoplastic and MMA Safety Project	Approximately 21.7 miles of road on: Burma Rd, Dog Bar Rd, Lower Colfax Rd, McCourtney Rd, Pleasant Valley Rd, Squirrel Creek Rd, Boulder St, Donner Pass Rd, Glenshire Dr, Gracie Rd, Hirschdale Rd, and Lake Vera Purdon Rd.	Provide thermoplastic striping and markings and pavement markers to lower elevation roads. Provide MMA striping and markings to higher elevation roads that are subject to frequent plowing and sanding.	\$ 949,100	\$ 949,100	BCR
25	H10-03-015	03-Nevada County-2a	3	Nevada County	RURAL	2022 High Friction Surface Treatment Project	Nineteen curves throughout Nevada County.	Apply High Friction Surface Treatment (HFST).	\$ 1,809,000	\$ 1,809,000	BCR
26	H10-03-016	03-Placer County-01	3	Placer County	SACOG	High Friction Surface Treatment for several areas in rural Placer County (Auburn and Lincoln).	Hungry Hollow Rd. at Hardscrabble Dr., Lonestar Rd. (1 local 1/4 mile e of Bell Rd. and one w of View Wy.), McCourtney Rd. at Fleming Dr., Mt. Vernon Rd. (2 areas), Placer Hills Rd. n of Pinewood Wy, Sierra College Bl n of 12 Bridges & Wise Rd.	Placer County, in order to reduce high-severity collisions along roadways, is applying for funding to perform high friction surface treatments along abrupt horizontal curves on several roadways primarily in the areas of Auburn and Lincoln.	\$ 1,201,600	\$ 1,201,600	BCR
27	H10-03-017	03-Placer County-02	3	Placer County	SACOG	Placer County Signal Upgrade Project	Various locations in Placer County	Upgrade all signal backplates with new reflective backplates, replace old pedestrian heads with countdown type heads and replace old controllers along Douglas Blvd. with new 2070 controllers.	\$ 351,300	\$ 351,300	BCR
28	H10-03-018	03-Placer County-4	3	Placer County	SACOG	Placer County Guardrail Retrofit	Indian Hill Road, Ridge Road, and Rollins Lake Road.	Update guardrail to bring existing facilities up to current standards.	\$ 1,070,500	\$ 995,500	SA-Guardrail
29	H10-03-019	03-Placerville-1	3	Placerville	SACOG	Placerville Highway 50 Corridor Intersection Pedestrian Safety Project	US Highway 50, PM 16.7 to PM 18.8 (within the City limits of Placerville).	Enhance pedestrian crossing safety through the use of dynamic warning signs at various state highway and local road at grade pedestrian/school crossings.	\$ 250,000	\$ 250,000	SA-PedCrossing
30	H10-03-020	03-Rancho Cordova-2	3	Rancho Cordova	SACOG	Pedestrian Crossing Enhancements Project	On Peter A Mccuen Boulevard adjacent to VA Northern Medical Center and four intersections along Zinfandel Dr and Cordova Lane adjacent to Cordova Lane Center School.	Improve pedestrian crossings with curb extensions, accessible curb ramps, high visibility crosswalks, and advanced pavement markings.	\$ 242,400	\$ 242,400	SA-PedCrossing
31	H10-03-021	03-Sacramento-1	3	Sacramento	SACOG	City of Sacramento Pedestrian Crossing Improvements	Various locations throughout the City of Sacramento	Upgrade pedestrian crossings at uncontrolled locations with the installation of Rectangular Rapid Flashing Beacons (RRFBs).	\$ 248,600	\$ 248,600	SA-PedCrossing
32	H10-03-022	03-Sacramento County-1	3	Sacramento County	SACOG	Converting a STOP-sign Controlled Intersection to a Signalized Intersection in Sacramento County	The Intersection of Fair Oaks Boulevard and Kenneth Avenue.	Signalization of intersection to mitigate collisions and improve safety.	\$ 815,800	\$ 815,800	BCR
33	H10-03-023	03-Sacramento County-5	3	Sacramento County	SACOG	Upgrading Guardrails in Sacramento County	17 locations within Sacramento County.	Upgrade existing guardrails and their end treatments.	\$ 999,900	\$ 999,900	SA-Guardrail
34	H10-03-024	03-Sierra County-01	3	Sierra County	RURAL	Phase 1-Countywide Guardrail Upgrade or Replacement	On Pike City Road at 3 locations, on Brandy City Road at 9 locations, and on Upper Main Street at 3 locations.	Replace damaged guardrail with steel posts.	\$ 539,500	\$ 539,500	SA-Guardrail
35	H10-03-025	03-Woodland-1	3	Woodland	SACOG	East St./Main St. Signal Improvements	Intersection of East Street and Main Street in the City of Woodland.	Intersection signal improvements.	\$ 336,900	\$ 158,450	BCR
36	H10-03-026	03-Woodland-2	3	Woodland	SACOG	Pedestrian Crossings Improvements Project	Pedestrian Crossings at Dingle, Maxwell, Zamora and Gibson Elementary Schools in Woodland.	Installation of Rectangular Rapid Flashing Beacons (RRFB) and AC Powered Speed Feedback Signs.	\$ 250,000	\$ 250,000	SA-PedCrossing
37	H10-03-027	03-Yuba City-1	3	Yuba City	SACOG	Citywide Signal Hardware Upgrades	Various signalized intersections throughout the City of Yuba City.	Improve signal hardware at 38 signalized intersections. Improvements include new backplates, replacing 8" bulbs with 12", adding/replacing LED IISNS, and installing reflective tape.	\$ 571,000	\$ 548,160	BCR
38	H10-03-028	03-Yuba City-2	3	Yuba City	SACOG	Yuba City Arterial/Collector Sign Upgrades	Various arterial and collector roadways throughout the City of Yuba City.	Installation and/or upgrade signs with new fluorescent sheeting, as well as the completion of a Roadway Safety Signing Audit.	\$ 1,835,400	\$ 1,835,400	BCR

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39	H10-03-029	03-Yuba City-3	3	Yuba City	SACOG	Yuba City Crosswalk Upgrades for Pedestrian Safety	Various unsignalized intersections in Yuba City.	Crosswalk improvements at 15 unsignalized intersections, primarily near schools. Improvements include replacing standard crosswalks with high visibility striping, advance stop bars, yield lines, and ADA improvements.	\$ 199,100	\$ 199,100	SA-PedCrossing
40	H10-03-030	03-Yuba City-4	3	Yuba City	SACOG	Hardware Improvement Project for State Highway Signalized Intersections within City of Yuba City	Various State Highway Signalized intersections within City of Yuba City limits.	Improve Signal Hardware at 17 State Highway Signalized Intersections. Improvements include new back plates, replacing 8" bulbs and lenses with 12", adding/replacing TYPE IX Street Name Signs, and installing reflective tape.	\$ 510,600	\$ 510,600	BCR
41	H10-03-031	03-Yuba County-1	3	Yuba County	SACOG	North Beale Road - High Friction Surface Treatment Project	North Beale Road, starting at a point 300 feet SE of the intersection with Feather River Blvd. and extending 3,000 feet NW to the SR70 on-ramp.	Improve pavement friction by installing High Friction Surface Treatment, plus installing edge lines, centerlines, delineators, reflectors, and object markers.	\$ 381,400	\$ 381,400	BCR
42	H10-03-032	03-Yuba County-2	3	Yuba County	SACOG	Old Dobbins Road & La Porte Road Striping Project	The entirety of Old Dobbins Road and on La Porte Road from Barton Hill Road to the Plumas County line.	Install edge lines, centerlines, delineators, reflectors, object markers, and improved reflective signs.	\$ 274,100	\$ 274,100	BCR
43	H10-04-001	04-Alameda-1	4	Alameda	MTC	Signal Equipment, Timing, & Striping Upgrades at 4 Intersections to Improve Pedestrian Safety	four intersections: Santa Clara Avenue/Grand Street, Otis Drive/Willow Street, Otis Drive/Park Street, and Fernside Blvd./San Jose Avenue.	Provide upgraded traffic signal equipment, timing and striping to improve pedestrian safety. Upgraded equipment includes cabinets, controllers, video detection, audible pedestrian signals and signal heads.	\$ 273,100	\$ 249,076	SA-PedCrossing
44	H10-04-002	04-Alameda County-1	4	Alameda County	MTC	Pedestrian Crossing Enhancements for Unincorporated Alameda County	Various unsignalized intersections in the unincorporated Alameda County: Meekland Ave. at Medford Ave., Meekland Ave. at Sunset Blvd., Hacienda Ave. at Ricardo Ave., Grove Way at Dolores St., and D St. at Twin Creek CT.	Install Rectangular Rapid Flash Beacons (RRFBs) and various crosswalk enhancements to unsignalized intersections to increase safety for pedestrians.	\$ 249,500	\$ 249,500	SA-PedCrossing
45	H10-04-003	04-Alameda County-2	4	Alameda County	MTC	Guardrail improvements along Crow Canyon Road	Various locations along Crow Canyon Road in unincorporated Alameda County.	Upgrade existing guardrails at locations with damage and height below accepted tolerance.	\$ 994,600	\$ 994,600	SA-Guardrail
46	H10-04-004	04-Alameda County-3	4	Alameda County	MTC	Installation of PHBs at three-legged intersections on roads with two or more lanes in each direction	Three unsignalized intersections with existing marked crosswalks in suburban areas of Alameda County: Redwood Road and Modesto Street, Lake Chabot Road and Congress Way, and Lake Chabot Road and Keith Avenue.	Installation of Pedestrian Hybrid Beacons and raised medians; installation of accompanying signage, ADA Ramps, and pavement striping.	\$ 821,000	\$ 821,000	BCR
47	H10-04-005	04-Benicia-2	4	Benicia	MTC	Pedestrian Crossing Improvements at 4 locations	Kearney Street at Rose Drive, Kearney Street at Mid-Block Crossing, Hastings Drive at Southampton Road and Military West at W 3rd Street.	Install high-visibility crosswalks, advance yield limit lines, signage, RRFB systems, ADA compliant ramps, and bulb-outs.	\$ 249,900	\$ 249,900	SA-PedCrossing
48	H10-04-006	04-Berkeley-B1	4	Berkeley	MTC	Sacramento Street Pedestrian Crossing Safety Enhancements	Six intersections along Sacramento Street: Oregon Street, Julia Street, Tyler Street, Prince Street, Woolsey Street and Fairview Street.	Install RRFBs, warning signing, and raised median extensions at three intersections. Install advanced yield lines and warning signing at three other intersections.	\$ 339,800	\$ 250,000	SA-PedCrossing
49	H10-04-007	04-Concord-1	4	Concord	MTC	Traffic Signal Improvements	Various locations throughout the City of Concord.	Improve traffic signal hardware, install pedestrian countdown signal heads, and modify phasing to provide a Lead Pedestrian Interval (LPI).	\$ 2,360,000	\$ 2,171,200	BCR
50	H10-04-008	04-Concord-2	4	Concord	MTC	Citywide Protected Left-Turn Implementation	Various intersections throughout the City.	Modify 9 intersections with permissive left-turn phasing to provide protected left-turn phasing.	\$ 1,254,800	\$ 1,254,800	BCR
51	H10-04-009	04-Concord-4	4	Concord	MTC	Pedestrian Crossing Enhancements at 4 locations in Concord, Ca	Concord Boulevard at West Street, Salvio Street at Date Street, Ronald Way at Holbrook Elementary School Entrance and E. Olivera Road at Trail Crossing.	Install high-visibility crosswalks, concrete bulb-outs, advance warning signs, and ADA ramps.	\$ 246,600	\$ 246,600	SA-PedCrossing
52	H10-04-010	04-Contra Costa County-1	4	Contra Costa County	MTC	Briones Area Guardrail Upgrades	Various locations on arterial and major collector roadways in the Briones area of unincorporated Contra Costa County.	Replace sub-standard MBGR guardrails with Caltrans standard MGS guardrails and end treatments on arterial and major collector roadways. Upgrade includes approximately 43 guardrails with a length of over 12,000 linear feet.	\$ 1,687,800	\$ 992,082	SA-Guardrail
53	H10-04-011	04-Contra Costa County-2	4	Contra Costa County	MTC	Franklin Canyon Road Safety Improvements	On Franklin Canyon Road in unincorporated Contra Costa County between Cummings Skyway and Dutra Road.	Install centerline rumble strips.	\$ 562,400	\$ 562,400	BCR
54	H10-04-012	04-Contra Costa County-4	4	Contra Costa County	MTC	San Pablo Dam Rd and Bailey Rd Signal Hardware Upgrades	San Pablo Dam Rd from El Portal Dr to Castro Ranch Rd; Bailey Rd from Willow Pass Rd to Canal Rd/ Via Delta De Anza Trail.	Improve safety by improving traffic signal hardware, with enlarged signal heads, video detection, advance dilemma zone detection, and install pedestrian countdown signal heads at 11 signalized intersections.	\$ 1,100,100	\$ 1,100,100	BCR

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55	H10-04-013	04-Daly City-1	4	Daly City	MTC	John Daly Boulevard and Skyline Boulevard Intersection Safety Improvements	The intersection of John Daly Boulevard and Skyline Boulevard in Daly City.	Upgrade intersection signal hardware and pedestrian countdown signal heads, convert traffic signal pole to pole with a mast arm, install raised pavement markers and striping and upgrade ADA curb ramps.	\$ 380,200	\$ 342,180	BCR
56	H10-04-014	04-Danville-2	4	Danville	MTC	Townwide Pedestrian Crossing Safety Improvements	Existing Class I path crossings along Iron Horse Regional Trail at Linda Mesa Avenue, Love Lane and Del Amigo Road (all local roads); and existing mid-block crossing on Stone Valley Road (minor arterial) at Monte Vista High School entry.	Install solar-powered Rectangular Rapid Flashing Beacon (RRFB) systems, LED crosswalk warning signage and illumination systems at four uncontrolled crosswalk locations.	\$ 240,000	\$ 240,000	SA-PedCrossing
57	H10-04-015	04-Dixon-1	4	Dixon	RURAL	Pedestrian Crossing Enhancements at 4 locations in Dixon, Ca	E. Mayes St & S 3rd St/ 4th St, E. A St & N. 4th St., S. 1st St & E. C St., N. 4th St & E. B St. and S. 7th St & E. A St.	Install high-visibility crosswalks, striping, signage, RRFB system, ADA ramps, and bulb-outs.	\$ 250,000	\$ 250,000	SA-PedCrossing
58	H10-04-016	04-East Palo Alto-1	4	East Palo Alto	MTC	University Avenue Intersection Safety Enhancements	University Avenue in the City of East Palo Alto. The five signalized intersections with proposed enhancements within the project bounds are Woodland Ave, Donohoe St, Runnymede St, Bay Rd, and Kavanaugh Rd.	Improve pedestrian crossings throughout the corridor. Install upgraded signal equipment to increase visibility, and install protected left phases to separate conflicting vehicle movements.	\$ 1,234,400	\$ 1,234,400	BCR
59	H10-04-017	04-Fremont-2	4	Fremont	MTC	Fremont Boulevard Pedestrian Crossing Enhancement Project	Intersections of Fremont Boulevard & Papazian Way, Fremont Boulevard & Clough Ave, Fremont Boulevard & Adams Avenue, Fremont Boulevard & Michael Avenue, Fremont Boulevard & Crestwood Street, and Fremont Boulevard & Doane Street.	Adding intersection lighting on minor road approaches, installing RRFB with high-visibility crosswalks and adding median refuge islands on major road. Installing curb extensions with directional curb ramps.	\$ 1,849,500	\$ 1,664,550	BCR
60	H10-04-018	04-Hayward-2	4	Hayward	MTC	Traffic Signal Upgrade for Huntwood Avenue	Intersections of Huntwood Avenue/Industrial Parkway and Huntwood Avenue/Sandoval Way.	Install protected left-turn phase at Huntwood/Industrial; install protected-permissive left-turn phase at Huntwood/Sandoval; install Hybrid Video Detection for bikes and queue cutters; and upgrade Peer-to-Peer Communication.	\$ 861,000	\$ 774,900	BCR
61	H10-04-019	04-Marin County-1	4	Marin County	MTC	Roadway Channelization Improvement at the intersection of Pt Reyes Petaluma Rd and Nicasio Valley Rd	Intersection of Pt Reyes Petaluma Rd and Nicasio Valley Rd in Nicasio, County of Marin.	At southbound Pt Reyes Petaluma Rd, add left turn lane and associated roadway widening, asphalt paving and improve intersection traffic safety.	\$ 2,017,100	\$ 1,815,390	BCR
62	H10-04-020	04-Marin County-2	4	Marin County	MTC	Various locations (3) for pedestrian upgrade in unincorporated county of Marin.	Three locations: Woodland Avenue and Auburn Street (new Pedestrian Crosswalk with RRFB) in San Rafael, North San Pedro Road and Schmidt Avenue (install RRFB only) in San Rafael area, and McAllister Avenue and Stadium Way (install RRFB only) in Kentfield area.	Construct curb, gutter, sidewalk, curb ramps, & curb extensions; bulb-out, Install RRFB, curve, Stripe crosswalks.	\$ 270,000	\$ 250,000	SA-PedCrossing
63	H10-04-021	04-Marin County-3	4	Marin County	MTC	High friction application along Panoramic Highway in the unincorporated County of Marin	A portion of Panoramic Highway between Mile post 4 to 8 in Marin County.	Install skid resistant pavement and widen the shoulder as need along the roadway. Provide a safety edge on the pavement edge where feasible.	\$ 2,069,500	\$ 2,069,500	BCR
64	H10-04-022	04-Marin County-4	4	Marin County	MTC	Proposed HAWK controls for major arterial.	Point San Pedro Rd (PSP) and Summit Ave crosswalk.	Install Pedestrian Hybrid Beacon (HAWK).	\$ 362,300	\$ 362,300	BCR
65	H10-04-023	04-Mill Valley-1	4	Mill Valley	MTC	E. Blithdale Avenue Pedestrian Improvements	Multiple locations along E. Blithdale Avenue, located at Sunnyside Avenue, Mountain View Avenue, Dell Street, and Hilarita/Mesa Avenue.	Construct pedestrian crossing improvements to improve pedestrian safety.	\$ 410,000	\$ 250,000	SA-PedCrossing
66	H10-04-024	04-Moraga-1	4	Moraga	MTC	Pedestrian Safety Improvements	Various locations within Town of Moraga	Install pedestrian improvements including signage and striping to improve crosswalk visibility and improve pedestrian safety.	\$ 230,200	\$ 230,200	SA-PedCrossing
67	H10-04-025	04-Napa County-1	4	Napa County	MTC	Napa County Guardrail Upgrades	3 guardrail sections along Silverado Trail from Meadow Lane to Fawn Park Road and 10 guardrail sections along Petrified Forest Rd from Franz Valley School Rd to Rancho Juan Inez Rd.	Upgrade guardrail segments and end treatments.	\$ 1,000,000	\$ 1,000,000	SA-Guardrail
68	H10-04-026	04-Napa County-2	4	Napa County	MTC	Valley Floor Striping Project	52 roadway segments on the Valley Floor of Napa County.	Upgrade roadway striping with the following or a combination of wet reflective beading high visibility centerline, edge line, and class 2 bike lanes.	\$ 2,932,100	\$ 2,932,100	BCR
69	H10-04-027	04-Oakland-1	4	Oakland	MTC	Systemic Crossing Improvements on Local Streets	Six intersections throughout the City of Oakland: Alcatraz/Dana, Shattuck/56th, 18th/E.15th, 23rd/E.20th, 55th/Holland, & 69th/Brentford.	Install Rapid Rectangular Flashing Beacons (RRFBs) and Intersection Lighting.	\$ 2,271,100	\$ 2,271,100	BCR
70	H10-04-028	04-Oakland-2	4	Oakland	MTC	98th Avenue Crossing Improvements	Seven intersections along 98th Avenue between Pearmain Street and Birch Street.	Install side street signal mast arms, leading pedestrian intervals, RRFBs, pedestrian refuge islands, and left-turn-only phases.	\$ 2,242,200	\$ 2,182,590	BCR

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No.	Unique Project ID	Original Application ID	Caltrans District	Agency Name	MPO	Project Title	Location of Work	Description of Work	Project Cost	HSIP Funds (State)	Application Category*
71	H10-04-029	04-Oakland-3	4	Oakland	MTC	14th Street Pedestrian Crossing Improvements	14th Street in Oakland between Mandela Parkway and Adeline Street, at the intersections of 14th Street and Mandela, Poplar, Magnolia, and Adeline.	Install a combination of Rapid Rectangular Flashing Beacons (RRFBs), left-turn only signal phases, pedestrian countdown heads, and leading pedestrian indicators.	\$ 1,693,800	\$ 1,570,220	BCR
72	H10-04-030	04-Pacifica-1	4	Pacifica	MTC	North Pacifica Pedestrian Improvements Project.	Gateway Dr. between Westcliff Ct. & Edgewood Dr.; Inverness Dr. between Hickey Blvd. & Heathcliff Dr.; Hickey Blvd between Inverness Dr. & Beachview Ave; and Glencourt Way between Inverness Dr. & Kavanaugh Way.	Install high-visibility crosswalks and ADA-compliant curb ramps.	\$ 249,200	\$ 249,200	SA-PedCrossing
73	H10-04-031	04-Pittsburg-1	4	Pittsburg	MTC	Sign and Striping Upgrades on various arterials throughout the City of Pittsburg	Arterial roads - Railroad Ave, Kirker Pass Rd, Willow Pass Rd, Bailey Rd, Pittsburg-Antioch Hwy, E Leland Rd, Loveridge Rd, Buchanan Rd, W 10th St, E 10th St, Harbor St, N Parkside Dr, California Ave, Century Bl and E 14th St in the City of Pittsburg.	Complete City-wide roadway safety signing audit; install or upgrade signs with new fluorescent sheeting; and modify edge-line and centerline striping.	\$ 2,965,700	\$ 2,965,700	BCR
74	H10-04-032	04-Pittsburg-2	4	Pittsburg	MTC	Pavement upgrades and pedestrian improvements at non-signalized intersections on Crestview Drive	6 intersections: Crestview Drive and Nina Place; Crestview Drive and AltaVista Circle / Sunnyhill Way; Crestview Drive and Kingsberry Place; Crestview Drive and Atherton Avenue; Crestview Drive and William Way; Crestview Drive and Crestview Lane.	Upgrade intersection pavement markings, install raised medians and install/upgrade pedestrian crossings with enhanced safety features at various intersections along Crestview Drive.	\$ 419,400	\$ 378,220	BCR
75	H10-04-033	04-Pleasanton-1	4	Pleasanton	MTC	Interstate 580 bicycle and pedestrian overcrossing improvements	Various overcrossing on/off ramp locations along Interstate 580 between Hopyard Road, Hacienda Drive, and Santa Rita Road.	Install Rectangular Rapid Flashing Beacons and improve striping and pavement markings.	\$ 321,200	\$ 250,000	SA-PedCrossing
76	H10-04-034	04-Rio Vista-1	4	Rio Vista	MTC	Pedestrian Crossing Enhancements at 15 locations in Rio Vista, Ca	Various non-signalized locations throughout the City of Rio Vista	Install high-visibility crosswalks, striping, advance warning signs, and ADA ramps.	\$ 250,000	\$ 250,000	SA-PedCrossing
77	H10-04-035	04-Rohnert Park-1	4	Rohnert Park	MTC	Citywide Traffic Signal Safety Improvements	40 Signalized intersections throughout the City of Rohnert Park.	Upgrade signal hardware (12" vehicle heads, reflective yellow tape, countdown pedestrian signal heads, accessible pedestrian signals), upgrade detection and emergency preemption equipment, update controllers, and add battery backup system.	\$ 1,712,600	\$ 1,712,600	BCR
78	H10-04-036	04-San Francisco-1	4	San Francisco	MTC	Vision Zero Signal Retiming	Up to 175 signalized intersections throughout San Francisco.	Enhance pedestrian safety by retiming to add leading pedestrian intervals. Where possible, update signal timing to set pedestrian clearance times using a 3 feet per second walking speed.	\$ 2,000,000	\$ 2,000,000	BCR
79	H10-04-037	04-San Jose-2	4	San Jose	MTC	Moorpark Avenue/I-280 Southbound Off-Ramp Intersection Improvement	I-280 SB Offramp & Moorpark Av.	Upgrade existing traffic signal from pedestal-mounted to mast-arm mounted; refresh striping, and add additional signal heads.	\$ 324,200	\$ 324,200	BCR
80	H10-04-038	04-San Mateo County-1	4	San Mateo County	MTC	San Mateo County Safe Routes to Schools Pedestrian Crossing Safety Enhancement Project	Bunker Hill Dr from Brandywine Way to Yorktown Dr- Highlands, Elementary South Park Plaza Dr from 87th St to Palmcrest Dr- Garden, Village Elementary and Benjamin Franklin Intermediate School Ave, and Alhambra from Coronado St to The Alameda-Wilkinson School.	Install one raised crosswalk and improve two existing mid-block crosswalks. Install high visibility ladder crossing, concrete bulb-outs, ADA ramps, Rapid Rectangular Flashing Beacons, speed reduction and advance pavement markings and signs.	\$ 246,500	\$ 246,500	SA-PedCrossing
81	H10-04-039	04-Santa Clara County-1	4	Santa Clara County	MTC	Santa Clara County Expressways Metal Beam Guard Railing and Terminal System Improvements	Foothill Expressway, Lawrence Expressway, and San Tomas Expressway.	Replace existing metal beam guardrail end treatments with modern variants and increase heights to meet current standards.	\$ 999,200	\$ 999,200	SA-Guardrail
82	H10-04-040	04-Solano County-1	4	Solano County	MTC	Pedestrian Crossing Enhancements at 3 locations in Solano County, Ca	Suisun Valley Rd & Ledgewood Rd, Suisun Valley Rd & Rockville Rd, and Rockville Rd & Abernathy Rd (roundabout).	Install high-visibility crosswalks, truncated domes, dikes, advance warning signs, and ADA ramps.	\$ 489,800	\$ 250,000	SA-PedCrossing
83	H10-04-041	04-South San Francisco-2	4	South San Francisco	MTC	Pedestrian Safety Improvement Project	6 Unsignalized Intersections along Olive Avenue, Linden Avenue, and Walnut Avenue: Lux Ave & Walnut Ave, Linden Ave & 9th Ln, Linden Ave & 8th Ln, Olive Ave & Aspen Ave, Olive Ave & Pine Ave, Park Way & Walnut Ave.	Improve pedestrian safety by bringing the existing non-ADA compliant curb ramps up to current standards and installation of new high visibility crosswalks.	\$ 249,800	\$ 249,800	SA-PedCrossing
84	H10-04-042	04-Suisun City-1	4	Suisun City	MTC	Traffic Signal Improvements at 11 locations	1 intersection on Main St at Lotz Wy; 5 intersections on Sunset Ave; and 5 intersections on Walters Rd.	Install protected left-turn phase, advanced dilemma zone detection, pedestrian median fencing and improve signal timing.	\$ 1,683,700	\$ 1,515,330	BCR
85	H10-04-043	04-Suisun City-2	4	Suisun City	MTC	Pedestrian Crossing Enhancements at 3 locations in Suisun City, Ca	Shoveller Dr & Golden Eye Wy, Harrier Dr & Dan O. Root Elementary School Entrance, and Pintail Dr & Crane Dr.	Install RRFB, high-visibility crosswalks, warning signs curb extensions, and ADA ramps.	\$ 249,800	\$ 249,800	SA-PedCrossing
86	H10-04-044	04-Vacaville-2	4	Vacaville	MTC	Edgeline and Center Line Striping	Segments among Monte Vista Ave, Elmira Road, Vaca Valley Pkwy, Browns Valley Rd, Midway Rd, Leisure Town Rd, Marshall Rd and Ulatis Dr.	Remove and replace edge-lines; remove and replace center line striping at various locations.	\$ 188,200	\$ 188,200	SA-Edgeline

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87	H10-04-045	04-Vacaville-3	4	Vacaville	MTC	Pedestrian Crossing Enhancement - Alamo Dr and Edgewood Dr & E. Monte Vista Ave at Nut Tree Complex	Alamo Drive between Grandview Drive and Walnut Drive and East Monte Vista Ave between Nut Tree Road and I-80 WB Ramp Intersection.	Install high-visibility yellow crosswalk, advance crossing legends and markings, thermoplastic striping, signage, solar RRFBs system, and advance RRFBs.	\$ 296,200	\$ 250,000	SA-PedCrossing
88	H10-04-046	04-Vallejo-1	4	Vallejo	MTC	Road Diet and Crossing Enhancements on Springs Rd	Springs Rd from Miller Ave/Humbolt St to Rollingwood Dr.	Reduce travel lanes from 4 to 3 and add two-way left-turn and bike lanes. Install crossing enhancements and RRFB system at various non signalized locations along roadway segment.	\$ 1,400,400	\$ 1,260,360	BCR
89	H10-04-047	04-Vallejo-2	4	Vallejo	MTC	Pedestrian Crossing Enhancements at 17 locations in Vallejo, Ca	Georgia at Rollingwood/Fernwood, Baywood at Rollingwood/Fernwood, Daniels at Rodgers/Selfridge, Mini at Whitney/Corcoran, Cocoran at Arrowhead, Ensign at Shasta/Highland Elm/Mariposa, Nebraska at Shasta/Mariposa/Mid Block, Porter at Magazine, Glen Cove at Regatta.	Install high-visibility crosswalks, advance warning signs, and ADA ramps.	\$ 249,700	\$ 249,700	SA-PedCrossing
90	H10-04-048	04-Windsor-1	4	Windsor	MTC	Brooks Road South/Natalie Drive Pedestrian Crossing Improvements	Intersection of Brooks Road South with Natalie Drive.	Install rectangular rapid flashing beacon (RRFB), construct pedestrian refuge median, curb extension, curb ramps, lane transition/traffic calming median, restripe bike lanes and vehicle lanes and slurry seal.	\$ 240,600	\$ 240,600	SA-PedCrossing
91	H10-05-001	05-Arroyo Grande-1	5	Arroyo Grande	SLOCOG	Pedestrian Crossing Enhancement Project	Uncontrolled pedestrian crosswalk on the west leg of E Grand Ave at Alder St; School crosswalk across Farroll Ave at S. Halcyon Rd; and School crosswalk on the south leg of S Halcyon Rd at Sandalwood Ave.	Install Rectangular Rapid Flashing Beacons (RRFBs), curb extensions, ADA curb ramps, yield lines, and striping and pavement markings.	\$ 250,000	\$ 250,000	SA-PedCrossing
92	H10-05-002	05-El Paso De Robles-1	5	El Paso De Robles	SLOCOG	Niblick Road/Appaloosa Drive Pedestrian Crossing Enhancements	Intersection of Niblick Road and Appaloosa Drive	Install Rectangular Rapid Flashing Beacons (RRFBs), pedestrian refuge island & advanced yield markings, and restripe lanes.	\$ 167,900	\$ 167,900	SA-PedCrossing
93	H10-05-003	05-Goleta-1	5	Goleta	SBCAG	Citywide Systemic Traffic Signal Upgrade	Various locations throughout the City.	Upgrade and modernize existing city traffic signals including retroreflective back plates, advanced dilemma zone detection, LPIs, cabinets, controllers, BBS, and 12-inch LED lenses.	\$ 3,120,100	\$ 3,120,100	BCR
94	H10-05-004	05-Monterey County-2	5	Monterey County	AMBAG	Prunedale Roundabout (San Miguel Canyon Road)	San Miguel Canyon Road and Castroville Boulevard in Prunedale.	Install a roundabout.	\$ 2,189,600	\$ 2,189,600	BCR
95	H10-05-005	05-Monterey County-3	5	Monterey County	AMBAG	Salinas Road and Pajaro Project	Salinas Road & Pajaro, a 1.6 mile long segment extending North along Salinas Road from the junction of Salinas Road and Elkhorn Road through the unincorporated community of Pajaro, terminating at the intersection of Porter Drive and San Juan Road.	Reduce 4 lanes to 2 to install Class II bike lane; class II bike lane and 3 ft buffer where feasible; install raised median; install RRFBs, fill 5' sidewalk gaps; install splitter-island on minor road approaches; dynamic speed warning signs.	\$ 832,400	\$ 749,160	BCR
96	H10-05-006	05-San Benito County-1	5	San Benito County	AMBAG	Replacement of existing damaged and destroyed guardrails along 22 County road locations.	22 locations on 10 roads (Panoche Rd, Limekiln Rd, Cienega Rd, Southside Rd, Enterprise Rd, San Juan Hollister Rd, San Juan Cyn Rd, Salinas Rd, Cannon Rd and Prescott Rd).	Replace damaged/destroyed guardrails to current standards.	\$ 1,013,600	\$ 1,000,000	SA-Guardrail
97	H10-05-007	05-San Luis Obispo County-03	5	San Luis Obispo County	SLOCOG	Upgrade signage to retroreflectivity standards & install new chevrons and advance warning signs	Various roads in County: Adelaida Rd from Chimney Rock Rd to Nacimiento Lake Dr, El Pomar Rd from Templeton Rd to Cripple Creek Rd, Geneseo Rd from Creston Rd to SR46, Linne Rd from City of Paso Robles to Geneseo Rd, Union Rd from City of Paso Robles to SR46.	Replace existing signage as needed for compliance with latest retroreflectivity standards, install new chevrons and advanced curve warning signs.	\$ 314,100	\$ 314,100	BCR
98	H10-05-008	05-San Luis Obispo County-2	5	San Luis Obispo County	SLOCOG	Metal Beam Guard Rail Installations on 4 roadways, some on Old Creek Rd with retaining structures	Various locations in the County: Adelaida Rd from Chimney Rock Rd to Nacimiento Lake Dr; Creston Rd from Paso Robles City Limits to State Route 41; Old Creek Rd from Highway 1 to State Route 46; and Templeton Rd from South El Pomar Rd to State Route 41.	Install guardrail improvements.	\$ 923,600	\$ 923,600	BCR
99	H10-05-009	05-San Luis Obispo County-4	5	San Luis Obispo County	SLOCOG	Install centerline striping and centerline rumble strips on roads with high collision concentrations	Various County roads: Adelaida Rd, El Pomar Rd, Geneseo Rd, La Panza Rd, Oso Flaco Lake Rd, Peachy Canyon Rd and Pomeroy Rd.	Install centerline striping on portions of Adelaida Rd, Geneseo Rd, Oso Flaco Lake Rd and Peachy Canyon Road, in addition to centerline rumble strips on portions of Adelaida Rd, El Pomar Rd, Geneseo Rd, La Panza Rd, Peachy Canyon Rd and Pomeroy Rd.	\$ 724,000	\$ 724,000	BCR
100	H10-05-010	05-Santa Barbara-10	5	Santa Barbara	SBCAG	De La Vina at Pedregosa Crossing Improvements	One uncontrolled intersection: De La Vina at Pedregosa.	Install curb extensions and signs/markings to increase pedestrian visibility and decrease crossing distances.	\$ 250,000	\$ 250,000	SA-PedCrossing
101	H10-05-011	05-Santa Barbara-2b	5	Santa Barbara	SBCAG	Upper DLV Pedestrian Crossing Enhancements	Intersection of De La Vina St at Los Olivos St.	Provide enhanced crosswalk features. Enhancements include curb extensions, signs/markings, and intersection lighting.	\$ 453,300	\$ 453,300	BCR

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102	H10-05-012	05-Santa Barbara-4b	5	Santa Barbara	SBCAG	San Andres Pedestrian Crossing Enhancements	Uncontrolled crossing at San Andres St & Sola St.	Install rectangular rapid flashing beacons (RRFBs).	\$ 527,500	\$ 527,500	BCR
103	H10-05-013	05-Santa Barbara-5c	5	Santa Barbara	SBCAG	Mission Street and State Street Safety Lighting Project	Mission Street from Gillespie Street to Anacapa Street, and State Street from Micheltorena Street to Mission Street.	Install lighting; install dedicated left turn lane on southbound State Street at Mission Street.	\$ 2,274,800	\$ 2,274,800	BCR
104	H10-05-014	05-Santa Barbara-8	5	Santa Barbara	SBCAG	Cliff Drive and Alan Road Crosswalk Safety Improvements	Cliff Drive between Alan Road and Las Positas Road.	Install RRFB's, new and relocated ADA access ramps for improved sight lines, and 340 feet of sidewalk.	\$ 910,800	\$ 910,800	BCR
105	H10-05-015	05-Santa Barbara County-1	5	Santa Barbara County	SBCAG	Santa Barbara County Edgeline Project	Various locations in the unincorporated areas of Santa Barbara County.	Stripe new 6" edgeline on 2 lane roads with characteristics of systemic safety issue of roadway departures as identified in the Santa Barbara County Local Road Safety Plan.	\$ 248,000	\$ 248,000	SA-Edgeline
106	H10-05-016	05-Santa Barbara County-2	5	Santa Barbara County	SBCAG	Gibraltar Road Metal Beam Guardrail Project	Gibraltar Road, 2.5 miles south of East Camino Cielo.	Install metal beam guardrail.	\$ 144,500	\$ 144,500	BCR
107	H10-05-017	05-Santa Cruz-1	5	Santa Cruz	AMBAG	Unsignalized Crossing Improvement Project	Six locations at unsignalized locations throughout the City of Santa Cruz.	Install RRFBs at unsignalized locations to improve pedestrian safety, including pedestrian signs, advanced yield lines with associated signs, and high visibility crosswalk markings.	\$ 247,100	\$ 247,100	SA-PedCrossing
108	H10-05-018	05-Santa Cruz-2	5	Santa Cruz	AMBAG	Citywide Signal Safety Upgrades	Signalized intersections throughout the City of Santa Cruz.	Install Advanced Dilemma Zone Detection & Retroreflective Borders on Traffic Signal Backplates.	\$ 1,257,600	\$ 1,257,600	BCR
109	H10-05-019	05-Santa Cruz County-1	5	Santa Cruz County	AMBAG	Pedestrian Crossing Enhancements - RRFBs Various Locations	Empire Grade at Chinquapin Trail; Rio del Mar Blvd at Deer Park Marketplace; Summit Rd at Loma Prieta Elementary School; Trout Gulch at Valencia St; and Green Valley Rd at Pinto Lake County Park.	Install Rectangular Rapid Flashing Beacons (RRFBs) with ADA improvements. Install sign and pavement marking pedestrian crossing enhancements.	\$ 250,000	\$ 250,000	SA-PedCrossing
110	H10-05-020	05-Santa Maria-1	5	Santa Maria	SBCAG	Improvements to Existing Uncontrolled Pedestrian Crossings	Various existing uncontrolled pedestrian crossing locations.	Enhance pedestrian crossings at uncontrolled locations using low-cost proven safety countermeasures to prevent vehicular/pedestrian collisions.	\$ 505,700	\$ 250,000	SA-PedCrossing
111	H10-05-021	05-Soledad-1	5	Soledad	AMBAG	City of Soledad Pedestrian Improvements Project	Vicinity of 4 public schools: Main Street Middle School, Frank Ledesma Elementary School, Soledad High School, and Rose Ferrero Elementary School.	Install curb extensions, high-visibility crosswalks, enhanced crosswalk signage and pavement markings, Rectangular Rapid Flashing Beacons (RRFBs), and flashing beacons at stop signs.	\$ 1,126,700	\$ 250,000	SA-PedCrossing
112	H10-06-001	06-Bakersfield-3	6	Bakersfield	KCOG	Pedestrian Flashing Beacons	Old Farm Road in front of existing Veterans Elementary School at existing crosswalk near Cherry Valley Avenue, and Mountain Vista Drive in front of existing Earl Warren Junior High School at existing crosswalk near Mount Snow Lane.	Install flashing yellow beacons near existing crosswalks to enhance visibility and slow down vehicular traffic.	\$ 246,100	\$ 246,100	SA-PedCrossing
113	H10-06-002	06-Bakersfield-4	6	Bakersfield	KCOG	Beale Ave (Niles St and Monterey St)	Intersection of Beale Avenue and Monterey Street and intersection of Beale Avenue and Niles Street.	Install signal poles/controller equipment.	\$ 586,000	\$ 586,000	BCR
114	H10-06-003	06-Clovis-1b	6	Clovis	FCOG	Clovis Adaptive Traffic Signal Technology	Along Shaw Avenue, at the intersections of Willow, Sylmar, Peach, Villa, Minnewawa, Dewitt, and Clovis; along Herndon Avenue, at the intersections of Helm, Peach, Villa, and Dewitt.	Install upgraded controllers, equipment and detection at 11 intersections.	\$ 802,400	\$ 802,400	BCR
115	H10-06-004	06-Corcoran-3	6	Corcoran	KCAG	City of Corcoran Dairy Avenue Pedestrian Safety Improvements	Intersection of Dairy Avenue and Bainum Avenue.	Install Rectangular Rapid Flashing Beacon (RRFB), update pedestrian crossing at uncontrolled location with enhanced safety features including in-roadway warning lights.	\$ 250,000	\$ 250,000	SA-PedCrossing
116	H10-06-005	06-Fresno-1	6	Fresno	FCOG	Fresno Rapid Rectangular Flashing Beacon (RRFB) Project	Three school crossings, at the Intersections of Donner and Millbrook, Alluvial and Sierra Vista, and Browning and Maroa.	Install RRFBs.	\$ 250,000	\$ 250,000	SA-PedCrossing
117	H10-06-006	06-Fresno-2	6	Fresno	FCOG	Citywide Pedestrian Countdown Heads	89 signalized intersections citywide on Cedar, West, Barstow, McKinley, Clovis, Butler, Elm, Ashlan, California, Ventura and Jensen.	Install pedestrian countdown signal head equipment.	\$ 941,200	\$ 921,208	BCR
118	H10-06-007	06-Kern County-1b	6	Kern County	KCOG	Lighting Improvements at Multi-Lane Pedestrian Crossings	6 uncontrolled multi-lane pedestrian crossings on arterial and collector roads in unincorporated areas of east Bakersfield, Mojave, Rosamond, & Wofford Heights.	Install lighting.	\$ 315,400	\$ 290,168	BCR
119	H10-06-008	06-Kern County-1c	6	Kern County	KCOG	Raised Medians at Multi-Lane Road Intersections	Intersection approaches of 5 multi-lane arterial and collector roads in unincorporated areas of Oildale, east Bakersfield, & Mojave.	Install raised medians on the approaches.	\$ 215,800	\$ 183,430	BCR

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120	H10-06-009	06-Kern County-2a	6	Kern County	KCOG	Striping Safety Improvements on Multi-Lane Roads	All Kern County-maintained multi-lane roads and Wheeler Ridge Road (single lane).	Upgrade striping of centerlines/edgelines, left or right turns, & lane drops. Improve safety of curve on Wheeler Ridge Rd with chevron signs. Add new raised pavement markers on all roads. 80 miles of roadway, 226 miles of striping.	\$ 1,394,700	\$ 1,317,467	BCR
121	H10-06-010	06-Kern County-2b	6	Kern County	KCOG	Bike Lane Striping on Multi-Lane Roads	Several Kern County-maintained multi-lane roads.	Improve the safety of several multi-lane roads county-wide by upgrading approximately 27 miles of bike lane striping over 22 miles of roadway.	\$ 375,200	\$ 247,620	BCR
122	H10-06-011	06-Kern County-3	6	Kern County	KCOG	Guardrail Upgrade	Various locations throughout the County of Kern.	Upgrade guardrail.	\$ 653,700	\$ 626,450	SA-Guardrail
123	H10-06-012	06-Kern County-4	6	Kern County	KCOG	Wofford Boulevard Pedestrian Crossing Enhancement	Intersection of Wofford Boulevard & Panorama Drive in the community of Wofford Heights.	Install flashing beacons, radar speed Feedback signs, sidewalk, curb & gutter, ADA ramps, thermoplastic markings and signs at the uncontrolled multi-lane crosswalk.	\$ 221,700	\$ 221,700	SA-PedCrossing
124	H10-06-013	06-Kern County-5	6	Kern County	KCOG	Cuddy Valley Road Edgeline & Safety Improvement	Cuddy Valley Road between Ivins Road and Obrien Drive, near the community of Frazier Park.	Upgrade existing edgelines and install rumble stripes. Install recessed reflective pavement markers on the centerline.	\$ 158,800	\$ 158,800	SA-Edgeline
125	H10-06-014	06-Kings County-1	6	Kings County	KCAG	Upgrading Signs for Arterial and Collector Roadway Segments	Arterial and Collector roadway segments within the County of Kings.	Evaluate roadway signing upgrades; install, upgrade and replace signs.	\$ 4,055,600	\$ 4,055,600	BCR
126	H10-06-015	06-Kings County-3	6	Kings County	KCAG	Flashing Beacons at Intersections and/or as Advanced Warning	Intersections: 21st Ave & Fremont Ave, 14th Ave & Fargo Ave, 16th Ave & Hanford Armona Rd, 22nd Ave & Excelsior Ave, 18th Ave & Kansas Ave, 12 3/4 Ave & Excelsior Ave, Avenal-Cutoff Road & Jackson Ave, 17th Ave & Lacey Blvd.	Install advanced warning flashing beacons; install flashing beacons on stop signs.	\$ 436,900	\$ 436,900	BCR
127	H10-06-016	06-Lemoore-2	6	Lemoore	KCAG	City of Lemoore Pedestrian Safety Improvements	Intersection at Bush Street and Champion Street.	Install Rectangular Rapid Flashing Beacon (RRFB) and pedestrian crossing at uncontrolled location with enhanced safety features.	\$ 250,000	\$ 250,000	SA-PedCrossing
128	H10-06-017	06-Madera-1	6	Madera	MCTC	Granada Drive Pedestrian Improvements	Granada Drive north of Industrial Avenue.	Install curb ramps, concrete median island refuge area, high visibility crosswalk, RRFBs and sidewalk.	\$ 141,500	\$ 113,760	SA-PedCrossing
129	H10-06-018	06-Mcfarland-1	6	Mcfarland	KCOG	Signage and Marking Upgrades to Uncontrolled Crosswalks	Uncontrolled crosswalks at the intersections of W Perkins Avenue and 3rd Place, E Perkins Avenue and San Lucas Street, E Perkins Avenue and San Pedro Street, E Sherwood Avenue and Browning Road, and W Kern Avenue and 4th Street.	Install warning signs and upgrade markings to high-visibility, install curb ramps where missing, and add enhanced safety features.	\$ 249,900	\$ 249,900	SA-PedCrossing
130	H10-06-019	06-Parlier-3	6	Parlier	FCOG	City of Parlier Pedestrian Safety Improvement Project	Intersection of Tuolumne Street and I Street.	Install pedestrian activated crosswalk lighting including Rectangular Rapid Flashing Beacon with LED pedestrian sign, and in-roadway warning lights.	\$ 250,000	\$ 250,000	SA-PedCrossing
131	H10-06-020	06-Porterville-1	6	Porterville	TCAG	Olive Avenue & Porter Road Protected Left Turn Signal Phasing	Olive Avenue & Porter Road/Cloverleaf Street Intersection.	Replace existing traffic signal, add protected left turn phasing for all intersection legs, provide accessible curb ramps at all corners, and add/modify signs.	\$ 666,000	\$ 579,420	BCR
132	H10-06-021	06-Tulare County-4	6	Tulare County	TCAG	Earlmar Sutter Avenue Pedestrian Crossing Improvements	Sutter Avenue Pedestrian Crossing to Earlmar Middle School.	Relocate existing crosswalk along Sutter Avenue to the North Spring Road intersection; install Rectangular Rapid Flashing Beacon (RRFB) system with advance warning beacons; upgrade markings; and install curb ramps.	\$ 179,300	\$ 179,300	SA-PedCrossing
133	H10-06-022	06-Tulare County-5	6	Tulare County	TCAG	Road 100, Road 140, and Road 192 Striping Enhancement Project	Road 100 from Visalia City Limits to 0.50-mile south of Avenue 256 (3 miles); Road 140 from Avenue 256 to Avenue 280 (3 miles); and Road 192 from Avenue 120 to Avenue 144 (4 miles).	Install/Upgrade edgelines and centerlines stripe with thermoplastic stripe with enhanced wet night visibility. Upgrade pavement marking with thermoplastic pavement marking.	\$ 308,600	\$ 249,966	SA-Edgeline
134	H10-06-023	06-Tulare County-6	6	Tulare County	TCAG	Guardrail Upgrades (Various Locations)	Eight locations along Road 236, Avenue 144, Road 196 north and south of Lort Drive, Road 12, Road 228, and at Road 140/Avenue 272, and Burnett Road/Avenue 152.	Replace existing non-standard, damaged, or obsolete guardrails.	\$ 981,800	\$ 981,800	SA-Guardrail
135	H10-07-001	07-Baldwin Park-1	7	Baldwin Park	SCAG	Merced Avenue and Vineland Avenue Traffic Safety Project	Intersection of Merced Ave and Vineland Ave.	Modify signal system to provide left-turn phasing; and improve signal hardware.	\$ 381,000	\$ 281,940	BCR
136	H10-07-002	07-Commerce-1	7	Commerce	SCAG	Commerce Signalized Intersection Safety Improvement Project	Various signalized intersections throughout the City.	Install left turn phasing at signalized locations with existing left turn pockets, and install signal hardware improvements to the lenses, back-plates with retroreflective borders.	\$ 1,200,000	\$ 1,200,000	BCR
137	H10-07-003	07-Covina-1	7	Covina	SCAG	HSIP In-Pavement Flashing Crosswalk Phase II	Various uncontrolled crosswalk locations throughout the City of Covina.	Install inroad warning lights and/or rapid flashing beacons, signage, pavement markings, high visibility crosswalk and curb ramps.	\$ 282,500	\$ 250,000	SA-PedCrossing

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No.	Unique Project ID	Original Application ID	Caltrans District	Agency Name	MPO	Project Title	Location of Work	Description of Work	Project Cost	HSIP Funds (State)	Application Category*
138	H10-07-004	07-Culver City-2	7	Culver City	SCAG	Overland Avenue Corridor HFST-Maytime Lane to Northgate Street	Overland Avenue Corridor, Maytime Lane to Northgate Street.	Install High Friction Surface Treatment (HFST) pavement on curved segment of Overland Avenue Corridor, Maytime Lane to Northgate Street.	\$ 677,000	\$ 677,000	BCR
139	H10-07-005	07-Culver City-4	7	Culver City	SCAG	Intersection Safety at a total of 10 Signalized Intersections in Culver City	10 signalized intersections: Washington Blvd(4); Culver Blvd(1); Overland Ave(2); Jefferson Blvd(1);Centinela Ave(1); Sepulveda Blvd(1).	Improve signal hardware; provide protected left turn phase; and modify signal phasing to implement a Leading Pedestrian Interval (LPI).	\$ 2,766,700	\$ 2,766,700	BCR
140	H10-07-006	07-Culver City-5	7	Culver City	SCAG	Intersection Safety at Non-Signalized Intersections in Culver City	12 non-signalized intersections: 8 on Washington Blvd, 2 on Sepulveda Blvd, 1 on Washington Pl and 1 on Higuera St.	Add intersection lighting, install/upgrade stop signs and other warning and regulatory signs, and upgrade intersection pavement markings.	\$ 1,545,700	\$ 1,545,700	BCR
141	H10-07-007	07-EI Monte-1	7	EI Monte	SCAG	Peck Road and Santa Anita Avenue Traffic Signal Improvements	18 signalized intersections along Peck Road and 11 signalized intersections along Santa Anita Avenue.	Upgrade signal hardware and pedestrian countdown heads.	\$ 1,756,000	\$ 1,756,000	BCR
142	H10-07-008	07-EI Monte-2	7	EI Monte	SCAG	Garvey Avenue and Durfee Avenue Traffic Signal Improvements	7 signalized intersections along Garvey Avenue and 7 signalized intersections along Durfee Avenue.	Upgrade signal hardware and install pedestrian countdown heads.	\$ 958,300	\$ 958,300	BCR
143	H10-07-009	07-EI Monte-3	7	EI Monte	SCAG	Garvey Ave Pedestrian Improvements with RRFB	4 uncontrolled crosswalks at Garvey Ave and Edwards Ave; Garvey Ave and Gage Ave; Garvey Ave and Nevada Ave; and Garvey Ave and Consol Ave.	Install Rectangular Rapid Flashing Beacons (RRFB), high visibility signing and striping, and ADA curb ramps.	\$ 250,000	\$ 250,000	SA-PedCrossing
144	H10-07-010	07-Glendale-2	7	Glendale	SCAG	City of Glendale Pedestrian Crossing Flashing Beacons Installation Project	Pedestrian crossing flashing beacons will be installed at three intersections in the City: Wilson at Belmont, Lincoln at Colorado, and Colorado at Porter. Each intersection has a minimum of three recent vehicle/pedestrian collisions.	Installation of pedestrian crossing flashing beacons at three high collision intersections throughout the City.	\$ 376,900	\$ 249,975	SA-PedCrossing
145	H10-07-011	07-La Canada Flintridge-2	7	La Canada Flintridge	SCAG	Citywide Pedestrian Crossing Upgrades	6 intersections along Foothill Blvd (Lasheart Dr, Alta Canyada Rd, La Canada Plaza Rd, Castle Rd, Ocean View Blvd and Union St), and 2 intersections along Verdugo Blvd (Alta Canyada Rd and La Tour Wy).	Install pedestrian signals and pedestrian push-buttons; and upgrade the uncontrolled crosswalk on Foothill Blvd at Union St with overhead flashing beacons, bulb-outs and ADA curb ramps.	\$ 250,000	\$ 250,000	SA-PedCrossing
146	H10-07-012	07-La Habra Heights-1	7	La Habra Heights	SCAG	Guardrail Upgrades in the City of La Habra Heights	Various Locations Throughout the City (Hacienda Rd, East Rd, West Rd, Encanada Dr, Skyline Dr, and Repasado Dr).	Replace damaged guardrail as well as those not meeting standards.	\$ 473,500	\$ 473,500	SA-Guardrail
147	H10-07-013	07-La Habra Heights-2	7	La Habra Heights	SCAG	Hacienda Road Safety Improvements	Hacienda Road within the City of La Habra Heights	Safety improvements along Hacienda road including signalization of Hacienda Road and Avocado Crest Road intersection and installation of edge lines.	\$ 524,600	\$ 524,600	BCR
148	H10-07-014	07-Lakewood-1	7	Lakewood	SCAG	Lakewood Signal Hardware and Advanced Dilemma Zone Detection at 12 Intersections	12 intersections: Del Amo/Downey, Del Amo/Graywood, Del Amo/Clark, Del Amo/Palo Verde, Paramount/Candlewood, Paramount/Cover, Centralia/Pioneer, Centralia/Norwalk, Centralia/Ciaretta, Centralia/Bloomfield, Paramount/Del Amo, and Paramount/Carson.	Provide advanced dilemma zone detection at 12 intersections, upgrade and improve signal hardware at 10 intersections and upgrade pedestal mounted median signals with mast arms at 2 intersections.	\$ 2,243,900	\$ 2,243,900	BCR
149	H10-07-015	07-Lancaster-1a	7	Lancaster	SCAG	Systemic Signalized Safety Upgrades (28)	28 signalized intersections within the city limits of Lancaster.	Systemically upgrade vehicle detection to include advanced dilemma-zone detection, bike recognition and detection, as well as upgrading existing signal equipment.	\$ 2,908,000	\$ 2,908,000	BCR
150	H10-07-016	07-Lancaster-2	7	Lancaster	SCAG	Systemic Commercial Driveway Access Modifications	7 commercial driveways in the City of Lancaster.	Create directional median openings to restrict left-turns and u-turns.	\$ 339,500	\$ 305,550	BCR
151	H10-07-017	07-Lancaster-4	7	Lancaster	SCAG	2-Way Stop Roundabout Conversion	Five (5) intersections: Avenue K-8 & Challenger Way, Valley Central Way & Central Court, Valley Central Way & Commercial Driveways (550 ft South of Lancaster Blvd), Avenue J & 25th Street East, and Avenue K & 25th Street East.	Install low-cost, quick build roundabouts.	\$ 2,129,200	\$ 2,129,200	BCR
152	H10-07-018	07-Lancaster-5	7	Lancaster	SCAG	High-Visibility Crosswalk Standardization Project	53 signalized intersections within the city limits of Lancaster.	Upgrade existing crosswalks to high-visibility continental-style crosswalks using thermoplastic material.	\$ 646,900	\$ 250,000	SA-PedCrossing
153	H10-07-019	07-Lancaster-6	7	Lancaster	SCAG	Edgeline Refresh Project	7 segments: Ave I, 37th St E to 40th St E; Ave J, 32nd St E to 50th St E; Ave J, 50th St E to 85th St E; Ave K, 35th St E to 107th St E; 60th St W, Ave J to Ave E; Ave I, 70th St W to 30th St W; and Ave G, 70th St W to 50th St W.	Upgrade and refresh 48 miles of roadway edgelines with thermoplastic material.	\$ 337,300	\$ 250,000	SA-Edgeline
154	H10-07-020	07-Lancaster-7	7	Lancaster	SCAG	Guardrail Improvement Project	4 locations within Lancaster: 40th Street West and Avenue J; 50th Street West and Avenue I; 60th Street West and Avenue I; and Sierra Highway and Avenue L.	Replace approx. 1,100 feet of existing damaged guardrail with new guardrail.	\$ 226,900	\$ 226,900	SA-Guardrail

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155	H10-07-021	07-Long Beach-1	7	Long Beach	SCAG	Protected Left-Turn Signalization at 8 Intersections City-wide	8 Intersections: South St & Downey Ave, Carson St & Orange Ave, Clark Ave & Atherton St, Cherry Ave & Bixby Rd, Bellflower Blvd & Wardlow Rd, Willow St & Studebaker Rd, Willow Rd & Magnolia Ave, Willow St & Easy Ave.	Provide protected left turn phase.	\$ 927,500	\$ 927,500	BCR
156	H10-07-022	07-Los Angeles-2	7	Los Angeles	SCAG	Los Angeles Citywide Safety and Guardrail Improvements Project	Various locations throughout the City of Los Angeles.	Upgrade existing obsolete guardrail with metal beam guardrail compliant with current standards and Method for Assessing Safety Hardware (MASH).	\$ 1,000,000	\$ 1,000,000	SA-Guardrail
157	H10-07-023	07-Los Angeles-3	7	Los Angeles	SCAG	Retroreflective backplate upgrades	200 locations across the City.	Upgrade backplates to retroreflective.	\$ 1,884,000	\$ 1,884,000	BCR
158	H10-07-024	07-Ojai-01	7	Ojai	SCAG	City of Ojai - SR 150 Pedestrian Improvements at Canada, Blanche and Ventura Streets	On State Route 150 (Ojai Ave.) at Canada, Blanche and Ventura Streets (post mile marker 17.3 to 17.5).	Install curb extensions at NW and NE corners and a median, and related striping (Canada St); install curb extension at NE corner and related striping (Blanche St); and install curb extensions at NE and SE corners and related striping (Ventura St).	\$ 307,500	\$ 242,500	SA-PedCrossing
159	H10-07-025	07-Oxnard-1C	7	Oxnard	SCAG	Citywide Intersection Improvements - Left Turn Phasing Improvements at Ten Intersections	Ten intersections including: Gonzales & Lombard, Gonzales & Solar, Rice & Camino Del Sol, Rose & Bard, Saviers & Hueneme, Ventura Rd & Doris, Vineyard & Esplanade, Pleasant Valley & C St, Harbor Blvd & 5th, and Saviers Rd & Laurel St.	Construct traffic signal improvements, including upgrading standards, mast arms, protected-left turn phasing, street lighting, emergency vehicle preemption, and accessible crossing.	\$ 2,998,600	\$ 2,998,600	BCR
160	H10-07-026	07-Oxnard-3	7	Oxnard	SCAG	Ramona Elementary School Pedestrian Crossing Enhancements	4 intersection crossings adjacent to Ramona Elementary School, along Bonita Ave from 1st St to Cooper Rd and Cooper Rd from Bonita Ave to Juanita Ave.	Install Rectangular Rapid Flashing Beacons (RRFBs), curb extensions, high visibility crosswalks, pedestrian signage and advance pavement markings.	\$ 276,600	\$ 249,936	SA-PedCrossing
161	H10-07-027	07-Paramount-1c	7	Paramount	SCAG	Paramount Traffic Signal Installation	Unsignalized intersection at Alondra Boulevard and Passage Avenue.	Install traffic signal.	\$ 331,900	\$ 331,900	BCR
162	H10-07-028	07-Paramount-2	7	Paramount	SCAG	City of Paramount Crosswalk Upgrades	Seven crosswalks citywide: San Mateo St & Orange Ave, San Miguel St & Orange Ave, Myrrh St & Orange Ave, San Juan St & Gundry Ave, San Miguel St & Gundry Ave, Jackson St & Texaco Ave, and Flower St & Passage Ave.	Upgrade uncontrolled crosswalks with Rectangular Rapid Flashing Beacons (RRFBs), high visibility signing and striping, and ADA accessible curb ramps.	\$ 250,000	\$ 250,000	SA-PedCrossing
163	H10-07-029	07-Pasadena-1	7	Pasadena	SCAG	Installation of Rectangular Rapid Flashing Beacons at various intersections	Glenarm St at Euclid Ave, Raymond Ave at Grandview St, and Orange Grove Blvd at Sunnyslope Ave.	Install Rectangular Rapid Flashing Beacons (RRFBs), striping and signs.	\$ 244,500	\$ 244,500	SA-PedCrossing
164	H10-07-030	07-Pasadena-2	7	Pasadena	SCAG	Installation of Leading Pedestrian Interval (LPI) at selected corridors and intersections.	94 Intersections along 8 corridors: Colorado Blvd, Lake Ave, Fair Oaks Ave, Los Robles Ave, Marengo Ave, Walnut St, Washington Blvd, and Lincoln Ave.	Modify traffic signals to include a leading pedestrian interval and install audible pedestrian signal.	\$ 1,357,500	\$ 1,357,500	BCR
165	H10-07-031	07-Rancho Palos Verdes-1	7	Rancho Palos Verdes	SCAG	Guardrail Safety Improvement Project	Palos Verdes Drive East between Palos Verdes Drive South and Palos Verdes Drive North.	Upgrade approx. 4,400 linear feet of guardrails.	\$ 999,900	\$ 999,900	SA-Guardrail
166	H10-07-032	07-Santa Clarita-1	7	Santa Clarita	SCAG	Pedestrian Safety Enhancements	Nine intersections near Placerita Junior High School and William S. Hart High School in the Newhall area of Santa Clarita.	Install curb extensions at one intersection, school continental crosswalks at six intersections, and upgrade existing crosswalks to school continental at two intersections.	\$ 274,600	\$ 250,000	SA-PedCrossing
167	H10-07-033	07-City of Simi Valley-1	7	Simi Valley	SCAG	Signal Head Replacements and Retroreflective Backplates at 30 Intersections	30 major signalized intersections on Alamo Street, Cochran Street, Easy Street, Los Angeles Avenue, Madera Road, Royal Avenue and Wood Ranch Parkway.	Replace seventy-eight (78) 8"-section signal heads with 12"-section signal heads and install high visibility retroreflective tape on 448 signal heads.	\$ 157,700	\$ 157,700	BCR
168	H10-07-034	07-South El Monte-1	7	South El Monte	SCAG	South El Monte Citywide Signalized Intersection Safety Improvement Project	Various signalized intersections throughout the City.	Install left turn phasing at signalized locations with existing left turn pockets, and install signal hardware improvements to the lenses, back-plates with retroreflective borders.	\$ 653,000	\$ 653,000	BCR
169	H10-07-035	07-South Gate-1	7	South Gate	SCAG	Southern Avenue and California Avenue Corridor Improvements	7 intersections including Southern Ave & Victoria Ave, Southern Ave & Elizabeth Ave, Southern Ave & Kauffman Ave, California Ave & Duane Way, California Ave & Michigan Ave, California Ave & Tenaya Ave, and California Ave & Santa Ana St.	Install enhanced crosswalk features at 6 uncontrolled crosswalks, and install protected left-turn phasing at 1 signalized intersection.	\$ 1,761,300	\$ 1,761,300	BCR
170	H10-07-036	07-South Gate-2	7	South Gate	SCAG	Tweedy Boulevard Crosswalk Upgrades	Four uncontrolled crosswalks at Tweedy Boulevard and Virginia Avenue, Tweedy Boulevard and San Antonio Avenue, Tweedy Boulevard and Washington Avenue, Tweedy Boulevard and Walnut Avenue.	Upgrade 4 uncontrolled crosswalks with enhanced crosswalk features including in-roadway warning lights, high visibility signing and striping, and ADA curb ramps.	\$ 250,000	\$ 250,000	SA-PedCrossing
171	H10-07-037	07-Thousand Oaks-1	7	Thousand Oaks	SCAG	Retroreflective Backplates City of Thousand Oaks	Thirty-five signalized intersections in the City of Thousand Oaks.	Install retroreflective backplates (yellow borders).	\$ 143,300	\$ 123,300	BCR

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172	H10-07-038	07-Thousand Oaks-2	7	Thousand Oaks	SCAG	Crosswalk Improvements - Rectangular Rapid Flashing Beacons (RRFBs)	Ten intersections throughout the City.	Install RRFBs at nine existing marked crosswalks and include advanced flashing beacons; and upgrade an existing equestrian crossing equipped with flashing beacons to RRFBs, add a marked pedestrian crosswalk, and provide advanced warning beacons.	\$ 207,000	\$ 179,000	SA-PedCrossing
173	H10-07-039	07-Thousand Oaks-4	7	Thousand Oaks	SCAG	Upgrade Guardrail Citywide	10 segments of guardrail and their posts throughout the City.	Replace approx. 2,000 linear feet of guardrail and 205 anchor posts with new guardrail and new anchor posts.	\$ 535,500	\$ 512,500	SA-Guardrail
174	H10-07-040	07-Torrance-1	7	Torrance	SCAG	Traffic Signal at Lomita Boulevard at Madison Street	Intersection of Lomita Boulevard and Madison Street.	Install new traffic signal, including curb ramps, crosswalks, and all traffic signal equipment.	\$ 537,800	\$ 537,800	BCR
175	H10-07-041	07-Ventura-1	7	Ventura	SCAG	City of Ventura Communications System Upgrade for Signal Timing and Coordination Improvements	All signalized intersections in the City of Ventura.	Implement traffic signal coordination for 136 city-maintained intersections. Improvements include a new fiber-optic interconnect communications system that allows for consistent and reliable traffic signal coordination.	\$ 3,926,200	\$ 1,963,100	BCR
176	H10-07-042	07-Ventura-2	7	Ventura	SCAG	City of Ventura Traffic Signal Controller Upgrades for Future Leading Pedestrian Interval (LPI)	All signalized intersections in the City of Ventura.	Install new traffic signal controllers and switches for implementation of Leading Pedestrian Intervals (LPIs).	\$ 1,570,700	\$ 1,570,700	BCR
177	H10-07-043	07-Ventura County-1	7	Ventura County	SCAG	County of Ventura, Set-Aside for Pedestrian Crossing Enhancements	Various Locations Throughout the County of Ventura.	Install Rectangular Rapid Flashing Beacons (RRFBs).	\$ 250,000	\$ 250,000	SA-PedCrossing
178	H10-07-044	07-Ventura County-2	7	Ventura County	SCAG	County of Ventura, Set-Aside for Guardrail Upgrades	Various Locations along Las Posas Road; Pleasant Valley Road; Potrero Road; Rose Avenue; Santa Clara Avenue; Telegraph Road; and Victoria Avenue.	Upgrade an Old Guardrail System to a Midwest Guardrail System. Upgrade the Guardrail, Terminals, and Transition railings, in addition to installing Butterfly Guardrail Reflectors.	\$ 1,000,000	\$ 1,000,000	SA-Guardrail
179	H10-07-045	07-Ventura County-3a	7	Ventura County	SCAG	County of Ventura, Systemic Signalized Intersection Improvement Project	All signalized intersection maintained by Ventura County.	Install Retroreflective Back-Plates to all signal heads, Install Advance Dilemma Zone Detection at all Intersection, and add High Friction Surface Treatment to all intersections with an approach speed over 35 MPH.	\$ 4,905,300	\$ 4,905,300	BCR
180	H10-07-046	07-Ventura County-4	7	Ventura County	SCAG	County of Ventura, Systemic Rumble Strip and High Friction Surface Treatment Project	Balcom Canyon Road, Central Avenue, Creek Road, Foothill Road, Hueneme Road, Pleasant Valley Road, Potrero Road, Rose Avenue, and Telegraph Road.	Install edgeline and centerline rumble strips or High Friction Surface Treatment.	\$ 3,844,700	\$ 3,844,700	BCR
181	H10-07-047	07-West Covina-1	7	West Covina	SCAG	West Covina Citywide Signalized Intersection Safety Improvement Project	Various signalized intersections throughout the City.	Install left turn phasing at signalized locations with existing left turn pockets, and install signal hardware improvements to the lenses, back-plates with retroreflective borders.	\$ 3,184,700	\$ 3,184,700	BCR
182	H10-07-048	07-West Hollywood-1	7	West Hollywood	SCAG	Sunset/Santa Monica Fiber Loop Project in the City of West Hollywood	Along Sunset Bl, Fountain Ave, Doheny Dr, La Cienega Bl, Harper Ave, Fairfax Ave, and La Brea Ave.	Update signal timing for 34 signalized intersections; install a fiber optic system loop to connect traffic signals along 7 corridors; implement LPI timing on 34 signalized intersections; and install retroreflective backplates on 34 signals.	\$ 5,849,400	\$ 2,924,700	BCR
183	H10-08-001	08-Banning-1	8	Banning	SCAG	Omar/Ramsey Intersection Improvements and Sidewalk	The intersection of Ramsey Street with Omar Street and 1,000 feet west of intersection along eastbound Ramsey St.	Install sidewalk, curb and gutter, curb ramps, signage and striping, modify existing median to limit left turns from eastbound Ramsey Street only, install left-turn pocket, and improve sight distance.	\$ 418,500	\$ 376,650	BCR
184	H10-08-002	08-Banning-2	8	Banning	SCAG	Banning Ramsey Street Pedestrian Safety Improvements	Four non-signalized intersections on Ramsey Street at Martin Street, 2nd Street, 6th Street, and 16th Street.	Install/upgrade pedestrian crossings at uncontrolled locations; install Rectangular Rapid Flashing Beacon (RRFB).	\$ 282,900	\$ 250,000	SA-PedCrossing
185	H10-08-003	08-Cathedral City-02	8	Cathedral City	SCAG	HAWK Signal at Ramon Road and Avenida La Paloma	Intersection of Ramon Road and Avenida La Paloma.	Install a Pedestrian Hybrid Beacon (HAWK) signal.	\$ 776,600	\$ 776,600	BCR
186	H10-08-004	08-Chino Hills-1	8	Chino Hills	SCAG	Backplate Signal Improvement Project	Chino Hills Parkway at Walnut Creek and at Eucalyptus Ave; Peyton at Rock Springs Drive and Beverly Glen Drive; Soquel Canyon at Butterfield Ranch Road, Pomona Rincon Ave, and Pinehurst Drive; Butterfield Ranch Road at Pine Ave and at Brookwood Lane.	Improve traffic signals with backplates that include retroreflective borders.	\$ 122,800	\$ 122,800	BCR
187	H10-08-005	08-Colton-1	8	Colton	SCAG	Guardrail Replacement and Improvement Project	Various locations citywide including Mt. Vernon Ave., La Cadena Dr. and Barton Rd.	Replace damaged guardrails and improve existing guardrails.	\$ 110,200	\$ 110,200	SA-Guardrail
188	H10-08-006	08-Eastvale-2	8	Eastvale	SCAG	Traffic Signal Dilemma Zone Detection and Mitigation - 16 Intersections	16 signalized intersections along major corridors: Limonite Ave, Schleisman Rd, Hammer Ave and Archibald Ave.	Install advanced dilemma zone detection system and associated equipment in existing traffic signal cabinets, and modify signal timing to improve safety.	\$ 702,300	\$ 702,300	BCR

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189	H10-08-007	08-Eastvale-3	8	Eastvale	SCAG	Citywide Retroreflective Backplates on Traffic Signal Indicators	39 signalized intersections along major corridors: Limonite Ave, Schleisman Rd, Hammer Ave, and Archibald Ave.	Install retroreflective borders along the backplates of traffic signal indicators.	\$ 421,600	\$ 421,600	BCR
190	H10-08-008	08-Hemet-1	8	Hemet	RURAL	Citywide Traffic Signal Visibility Upgrades	Forty (40) signalized intersections throughout the City.	Replace the signal head backplates with backplates with retroreflective borders.	\$ 299,300	\$ 299,300	BCR
191	H10-08-009	08-Highland-1	8	Highland	SCAG	Installation of pedestrian countdown heads.	26 intersections within the City of Highland.	Install pedestrian countdown signal heads.	\$ 250,000	\$ 250,000	SA-PedCrossing
192	H10-08-010	08-Jurupa Valley-1	8	Jurupa Valley	SCAG	Citywide Traffic Signal Coordination and Safety Upgrades	Eighty-nine (89) signalized intersections throughout the City.	Install a signal master controller with fiber interconnectivity or via radio; and install retroreflective signal head backplates.	\$ 4,707,600	\$ 2,353,800	BCR
193	H10-08-011	08-Montclair-1	8	Montclair	SCAG	Ramona Avenue/Howard Street Roundabout.	The intersection of Ramona Avenue and Howard Street.	Construct roundabout and refuge island; install high visibility crosswalks and curb ramps; and add/upgrade lighting.	\$ 771,100	\$ 771,100	BCR
194	H10-08-012	08-Murrieta-1	8	Murrieta	SCAG	Citywide Traffic Signal Adaptive Timing Program	Various locations citywide.	Install adaptive timing program at all City signalized intersections, including new traffic signal controllers and loops, as well as the required software and hardware at City Hall Traffic Management Center.	\$ 854,700	\$ 422,350	BCR
195	H10-08-013	08-Palm Desert-1	8	Palm Desert	SCAG	City of Palm Desert Pedestrian Crossing Enhancements	Various locations throughout the City.	Enhance the visibility of crosswalks.	\$ 247,200	\$ 247,200	SA-PedCrossing
196	H10-08-014	08-Palm Desert-2	8	Palm Desert	SCAG	Palm Desert Systemic Signal Safety Improvements	Signalized intersections throughout the City.	Install retroreflective backplates and replace pedestrian signal heads with pedestrian countdown signals.	\$ 1,912,600	\$ 1,912,600	BCR
197	H10-08-015	08-Perris-1	8	Perris	SCAG	Traffic signal and road safety improvements along priority corridors	Ramona Expwy from Webster Ave to E Rider St; Nuevo Rd from Frontage rd to Dunlap Dr; W 4th St from Navajo Rd to Redlands Ave; Ethanac Rd from Murietta Rd to Case Rd.	Improve signalized intersection safety with retroreflective backplates, advanced dilemma zone detection, and radar speed signage along segments of priority corridors.	\$ 1,389,900	\$ 1,173,700	BCR
198	H10-08-016	08-Perris-2	8	Perris	SCAG	Ramona Expressway Crosswalk Improvements	Ramona Expressway from N. Webster Ave to Rider St.	Install enhanced crosswalks along a priority corridor to improve safety of pedestrian and bicyclists.	\$ 292,000	\$ 250,000	SA-PedCrossing
199	H10-08-017	08-Rancho Cucamonga-1	8	Rancho Cucamonga	SCAG	Citywide Traffic Signal Safety Improvements	Banyan St/East Ave, Base line Rd/Mountain View Dr S, Millennium Ct/Milliken Ave, Vintage Dr/Milliken Ave, Church St/Milliken Ave, Terra Vista Pkwy West/Church St, and Base Line Rd/Beryl St.	Upgrade seven (7) signalized intersections by replacing 34 five section signal heads (doghouse) with four section flashing yellow arrow (FYA) signal heads for protected/permissive left-turn controls and improving signal timing.	\$ 325,200	\$ 162,600	BCR
200	H10-08-018	08-Redlands-2	8	Redlands	SCAG	Wabash Avenue and Highland Avenue Enhanced Crosswalk	The intersection of Wabash Avenue with Highland Avenue.	Install pedestrian crossing with Rectangular Rapid Flashing Beacons (RRFBs).	\$ 250,000	\$ 250,000	SA-PedCrossing
201	H10-08-019	08-Riverside County-2	8	Riverside County	SCAG	Cajalco Road & Lake Mathews Drive Guardrail Upgrade.	Cajalco Road between La Sierra Avenue and Kirkpatrick Road and between Harley John Road and Wood Road; and Lake Mathews Drive between Capello Drive and Malta Place.	Upgrade existing guardrail / end treatments to meet current Caltrans standards.	\$ 1,045,200	\$ 1,000,000	SA-Guardrail
202	H10-08-020	08-San Jacinto-1	8	San Jacinto	SCAG	San Jacinto Avenue Safety Improvements - Menlo Avenue to Commonwealth Avenue	San Jacinto Ave. (formerly SR79) between Menlo Avenue and Commonwealth Ave.	Install Pedestrian Hybrid Beacon (PHB) with enhanced pedestrian refuge island mid-block; install sidewalk on west and east side of San Jacinto from Commonwealth to Menlo; install roadway lighting, and install additional signage.	\$ 677,100	\$ 440,100	BCR
203	H10-08-021	08-Twenty-nine Palms-1	8	Twenty-nine Palms	SCAG	Safety Improvement for High Crash Unsignalized Intersections	Six intersections along the arterial streets of Two Mile Road, Amboy Road and Utah Trail.	Install flashing beacons at stop controlled intersections and upgrade intersection intersection pavement markings.	\$ 426,600	\$ 426,600	BCR
204	H10-08-022	08-Victorville-1	8	Victorville	SCAG	Improve the safety of motorized and non-motorized users along this 2.2 mile corridor.	Seventh Street between Sage Street and C Street.	Implement a variety of safety improvements to existing signalized intersections, such as adding mast arms, lighting, enhancing video detection and upgrading PBS system.	\$ 680,500	\$ 680,500	BCR
205	H10-08-023	08-Victorville-2	8	Victorville	SCAG	Install Traffic Signal	Intersection of Village Dr and Tawney Ridge Ln.	Upgrade the intersection from 2-way STOP control to actuated Traffic Signal.	\$ 569,000	\$ 539,000	BCR
206	H10-08-024	08-Wildomar-2	8	Wildomar	SCAG	New Traffic Signal at One Intersection	Intersection of Bundy Canyon Road and Harvest Way (three-leg intersection).	Install new traffic signal.	\$ 272,900	\$ 272,900	BCR

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207	H10-08-025	08-Wildomar-3	8	Wildomar	SCAG	Signalized intersection improvements in Wildomar at four locations.	Four signalized intersections: Bundy Canyon Road & Orange Street, Corydon Road & Mission Trail, Gruwell Street & Palomar Street, and Corydon Road & Grand Avenue.	Replace existing vehicle heads with LED vehicle heads with retro-reflective backing plates, provide advanced dilemma zone detection, and add a protected left-turn phase at two intersections.	\$ 375,200	\$ 375,200	BCR
208	H10-08-026	08-Yucaipa-1	8	Yucaipa	SCAG	Yucaipa Traffic Signal Left Turn Phasing Modification	Various Intersections in Yucaipa: Yucaipa Blvd/5th St, Avenue E/Oak Glen Road, Yucaipa Blvd/10th St, and Oak Glen Road/Chapman Heights Road.	Convert left-turn movements to protected left-turns.	\$ 350,400	\$ 350,400	BCR
209	H10-09-001	09-California City-1	9	California City	KCOG	California City Blvd Pedestrian and Traffic Safety Improvements	California City Blvd. between Yerba Blvd and Neuralia Road.	Install speed radar, high visibility crosswalks markings, crosswalk flashing beacons, sidewalk repairs with ADA ramps, flashing LED Stop Sign, restriping and signage.	\$ 437,000	\$ 437,000	BCR
210	H10-09-002	09-Inyo County-1	9	Inyo County	RURAL	Onion Valley Guardrail Project	Various locations where existing guardrail remains sub-standard along Onion Valley Road near Independence.	Remove existing sub-standard sections of Metal Beam Guardrail and replace with 31" Midwest Guardrail System (MGS) to meet current standards.	\$ 997,000	\$ 997,000	SA-Guardrail
211	H10-09-003	09-Mammoth Lakes-1	9	Mammoth Lakes	RURAL	SR203 Main Street Crosswalk Improvement Project	Uncontrolled intersections along Main Street (SR203) at Laurel Mountain Road, Mountain Blvd and the US Post Office at 3330 Main Street.	Install Rectangular Rapid Flashing Beacons (RRFBs).	\$ 191,400	\$ 191,400	SA-PedCrossing
212	H10-09-004	09-Mono County-1	9	Mono County	RURAL	Mono County Systemic Safety Curve Signage Project	Lower Rock Creek Road, Benton Crossing Road, Convict Lake Road, Twin Lakes Road, Eastside Lane, and Lundy Lake Road.	Implement systemic safety curve warning and chevron signage. Upgrade existing curve warning signs reflectivity.	\$ 209,500	\$ 198,500	BCR
213	H10-09-005	09-Mono County-2	9	Mono County	RURAL	Mono County Guardrail Replacement Project - Phase I	Benton Crossing Road (3,205 LF), Lower Rock Creek Road (628 LF), Eastside Lane (500 LF), Twin Lakes Road (430 LF), Virginia Lakes Road (850 LF), and Gull Lake Road (105 LF).	Upgrade existing, damaged and deficient guardrail at locations throughout Mono County.	\$ 1,002,000	\$ 1,000,000	SA-Guardrail
214	H10-09-006	09-Mono County-3	9	Mono County	RURAL	Mono County Right-Edgeline Striping Project	Benton Crossing Road (easterly 23.5 mile portion), Eastside Lane (3.3 mile portion from Hwy 395 to Offal Rd), Lower Rock Creek Road (northerly 5 miles from Swall Meadows Rd to Hwy 395), North Shore Drive (3.5 miles) and Topaz Lane (3.5 miles).	Paint right-edgeline striping on existing roads throughout Mono county.	\$ 261,000	\$ 250,000	SA-Edgeline
215	H10-09-007	09-Ridgecrest-2	9	Ridgecrest	KCOG	China Lake Blvd Adaptive Signal Upgrades	Signalized Intersections on China Lake Blvd at California Av, Church Av, Upjohn Av, Rader Av, Bowman Rd and College Heights Blvd.	Update the controllers and signal timing for adaptive traffic signals with advanced dilemma zone detection and a leading pedestrian interval.	\$ 203,000	\$ 203,000	BCR
216	H10-09-008	09-Ridgecrest-3	9	Ridgecrest	KCOG	Citywide Arterial Flashing Stop Signs and Advance Pavement Markings.	25 stop controlled arterial intersections in the City of Ridgecrest.	Upgrade arterial intersections with larger flashing stop signs with wind bracing and install advance "stop ahead" pavement markings.	\$ 491,100	\$ 491,100	BCR
217	H10-09-009	09-Ridgecrest-4	9	Ridgecrest	KCOG	City of Ridgecrest Crosswalk Upgrades	Three uncontrolled crosswalks at Ridgecrest Boulevard & Alvord Street, Ridgecrest Boulevard & Sanders Street, and midblock on Downs St between Church Ave & Upjohn Ave.	Upgrade uncontrolled crosswalks with enhanced crosswalk features including Rectangular Rapid Flashing Beacons (RRFBs) and high visibility signing and striping.	\$ 250,000	\$ 250,000	SA-PedCrossing
218	H10-09-010	09-Tehachapi-1	9	Tehachapi	KCOG	Enhanced Striping Project	Various locations in the City of Tehachapi.	Install edgelines and centerlines.	\$ 250,000	\$ 250,000	SA-Edgeline
219	H10-10-001	10-Calaveras County-1	10	Calaveras County	RURAL	Calaveras County High Friction Surface Treatment Project	Various curves along Burson Rd, Copper Cove Dr, Double Springs Rd, Milton Rd, Jenny Lind Rd, Mountain Ranch Rd, Murphys Grade Rd, Parrotts Ferry Rd, Rail Road Flat Rd, Ridge Rd, Sheep Ranch Rd and Winton Rd.	Apply High Friction Surface Treatment (HFST) at various curves.	\$ 1,479,100	\$ 1,479,100	BCR
220	H10-10-002	10-Calaveras County-2	10	Calaveras County	RURAL	Calaveras County Thermoplastic Striping Project	Various roads including: Camanche Pkwy South, Milton, Mountain Ranch, Olive Orchard, Pool Station, Rail Road Flat, Ridge, Southworth, French Gulch, Independence, Ospital, Paloma, Pattison, Pettinger, Sheep Ranch and Calaveritas.	Apply thermoplastic striping.	\$ 1,624,300	\$ 1,624,300	BCR
221	H10-10-003	10-Ceres-2	10	Ceres	STANCOG	Mitchell Road Corridor Unsignalized Intersections Improvements	3 unsignalized intersections on Mitchell Ave at Garrison St, Dale Ave, and Kay St.	Install raised medians on approaches, advanced pavement markings, and striping.	\$ 514,100	\$ 462,690	BCR
222	H10-10-004	10-Ceres-3B	10	Ceres	STANCOG	Signalized Intersection Improvements at Whitmore Ave & Moffett Rd and Mitchell Rd & Fowler Rd	Two signalized intersections: Fowler Road & Mitchell Road, and East Whitmore Avenue & Moffett Road.	Install raised medians on approaches; provide protected left-turn phasing; upgrade signal hardware on all approaches.	\$ 740,400	\$ 666,360	BCR

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223	H10-10-005	10-Mariposa County-1	10	Mariposa County	RURAL	Triangle Road Edgelines	Triangle Road between SR140 and SR49 (11.7 mi).	Install two-component paint edgelines.	\$ 250,000	\$ 250,000	SA-Edgeline
224	H10-10-006	10-Merced County-1	10	Merced County	MCAG	Traffic Sign Improvement Project (North)	Streets and roadways North of State Route 140 throughout the County of Merced.	Inventory and replacement of regularity and warning signs.	\$ 750,000	\$ 750,000	BCR
225	H10-10-007	10-Modesto-1	10	Modesto	STANCOG	Install RRFBs at 3 school crossing locations and flashing stop signs at 4 intersections	Orangeburg Ave and Nelson Ave; Rumble Rd and Park Place; Sylvan Ave and Northampton Lane; Jefferson St and Vine St; Wylie Dr and Rose Ave; Rumble Rd and Carver Rd; and Poust Rd and Chapparral Pl.	Install RRFB at school Crossings at Orangeburg Ave and Nelson Ave, Rumble Rd and Park Place and Sylvan Ave and Northampton Lane. Install LED flashing stop signs at the other 4 locations.	\$ 249,200	\$ 249,200	SA-PedCrossing
226	H10-10-008	10-Modesto-2	10	Modesto	STANCOG	Install Rectangular Rapid Flashing Beacons (RRFB) at Ten (10) Locations	10 Crossings : 16th St at I St; 15th St at H St; Granger at Florida; Morris at Auburn St; Tully Rd at Leonard; Lincoln at Poppypatch; Lincoln Ave at Penny; Tully Rd at MJC; Carpenter at California; and Stoddard at MJC.	Install Rectangular Rapid Flashing Beacons (RRFBs).	\$ 908,200	\$ 908,200	BCR
227	H10-10-009	10-Modesto-3	10	Modesto	STANCOG	Install Signal Heads with Retroreflective Back-plates at 70 Intersections	37 signalized intersections within Downtown Modesto, and 33 intersections outside of Downtown.	Replace all existing signal heads with new ones that have retroreflective back-plates; and install advance limit lines at the intersections that do not have.	\$ 2,004,500	\$ 2,004,500	BCR
228	H10-10-010	10-Modesto-4	10	Modesto	STANCOG	Standford Avenue-Sylvan Avenue Pedestrian Hybrid Beacons	The intersections of Standford Ave. with Longbridge Dr. and Sylvan Ave. with Bridgeford Ln.	Install pedestrian refuge island with directional median openings, Pedestrian Hybrid Beacons and high visibility crosswalks with pedestrian signage.	\$ 965,800	\$ 919,000	BCR
229	H10-10-011	10-Modesto-5	10	Modesto	STANCOG	Oakdale Road: Phase 1	Oakdale Road from Lancey Drive to Celeste Drive.	Install Pedestrian Hybrid Beacon, Leading Pedestrian Intervals, pedestrian signals, blank-out no right turn signals/signage, directional median, high visibility crosswalk, median refuge island, ADA ramps, reconstruct driveway, and coordinate signals.	\$ 1,105,900	\$ 1,039,330	BCR
230	H10-10-012	10-San Joaquin County-1	10	San Joaquin County	SJCOG	RRFB and Ped Refuge Island on Benjamin Holt Drive	Benjamin Holt Drive at Leesburg Place and mid-block (400 ft west of Leesburg).	Install RRFB and refuge Island to facilitate peds crossing Benjamin Holt Drive at a Church/School.	\$ 107,300	\$ 107,300	SA-PedCrossing
231	H10-10-013	10-San Joaquin County-2	10	San Joaquin County	SJCOG	Replace Guardrails at 5 Locations	Bridges at West Lane-Pixley Slough, West Lane-Woodbridge Canal, West Lane-Wind River Slough, Lower Sacramento Road-Overflow Channel, and Lower Sacramento Road-Mokelumne River.	Replace guardrails on bridges.	\$ 249,200	\$ 249,200	SA-Guardrail
232	H10-10-014	10-San Joaquin County-3	10	San Joaquin County	SJCOG	Install Signal Hardware Upgrades and PREPARE TO STOP Signs at 3 Intersections along 11th Street	Intersections of 11th with Chrisman, Banta and Bird.	Replace "Signal Ahead" signs with PREPARE TO STOP blank out signs to improve dilemma zone protection; replace median mounted poles with heads mounted on mast arms, and replace existing heads with 12" heads with retroreflective back-plates.	\$ 1,038,800	\$ 1,038,800	BCR
233	H10-10-015	10-Stanislaus County-1	10	Stanislaus County	STANCOG	Stanislaus County Corridor Delineation and Rumble Stripes Improvements	84 miles of roadway segments throughout Stanislaus County.	Install wet-night edgelines and center lines and edgeline rumble strips/stripes (both sides).	\$ 7,059,600	\$ 7,059,600	BCR
234	H10-10-016	10-Stanislaus County-3	10	Stanislaus County	STANCOG	Systemic Unsignalized Intersection Improvements	12 unsignalized intersections in various locations throughout Stanislaus County.	Implement systemic safety improvements for rural, unsignalized intersections by upgrading and installing additional or larger stop signs, upgrading intersection pavement markings, and installing transverse rumble strips.	\$ 1,381,600	\$ 1,243,440	BCR
235	H10-10-017	10-Stockton-1	10	Stockton	SJCOG	Harding Wy at Lincoln St and at Pacific Ave/Madison St Left-Turn Pockets with Left-Turn Phasing	Intersection of Harding Way and Lincoln Street and intersection of Harding Way and Pacific Avenue/Madison Street.	Install left turn pockets with left turn phasing, upgrade signals, cabinet & appurtenances, install pedestrian countdown signal heads, and install High Friction Surface Treatment (HFST) through approaches.	\$ 1,522,600	\$ 1,365,840	BCR
236	H10-10-018	10-Stockton-2	10	Stockton	SJCOG	Enhanced Pedestrian Safety on Madison Street	Intersections of Madison Street with Willow Street, Vine Street, Rose Street, Magnolia Street, Acacia Street, Poplar Street, and Flora Street.	Install High-visibility crosswalks, pavement markings, ADA ramps, sight triangles and rapid-flashing beacons.	\$ 721,600	\$ 644,940	BCR
237	H10-10-019	10-Stockton-4	10	Stockton	SJCOG	North Pershing Avenue Safety Enhancements Project	Two signalized intersections: North Pershing Avenue at Country Club Boulevard and North Pershing at Rosemarie Lane.	Install protected left phasing, lengthen an existing turn pocket and upgrade signal equipment.	\$ 721,200	\$ 721,200	BCR
238	H10-10-020	10-Stockton-5	10	Stockton	SJCOG	City Wide Systemic Road Safety Devices Project	Various locations on curve approaches throughout the City.	Place 3 speed trailers and 27 speed sentries at curve approaches that experience high rates of collisions.	\$ 320,000	\$ 320,000	BCR
239	H10-10-021	10-Stockton-6	10	Stockton	SJCOG	South Stockton Pedestrian HAWK Improvements	Eight intersections throughout South Stockton.	Install pedestrian hybrid beacons, other crossing improvements, and intersection lighting.	\$ 5,861,500	\$ 5,861,500	BCR
240	H10-10-022	10-Stockton-7	10	Stockton	SJCOG	Stockton Guardrail Rehabilitation Project	Frontage Road just South of the Stockton Soccer Complex, Lower Sacramento Road South of Bear Creek, and Manthey Road at the curve adjacent to I-5.	Rehabilitate/replace guardrail posts, sections, and end sections.	\$ 374,200	\$ 374,200	SA-Guardrail
241	H10-10-023	10-Stockton-8	10	Stockton	SJCOG	Installing Edgelines Throughout the City of Stockton	Various locations throughout the City.	Install reflective thermoplastic edgelines where existing striped edgelines have significantly faded and road departures exist.	\$ 250,000	\$ 250,000	SA-Edgeline

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242	H10-11-001	11-Carlsbad-1	11	Carlsbad	SANDAG	Carlsbad Boulevard Pedestrian Crossing Enhancements - Five Intersections	Five intersections: Carlsbad Bl at Oak Avenue, Carlsbad Bl at Sycamore Avenue, Carlsbad Bl at Maple Avenue, Carlsbad Bl at Cherry Avenue, and Carlsbad Bl at Hemlock Avenue.	Install pedestrian enhancements at existing crosswalks. The improvements include curb extensions, pedestrian-activated in roadway warning lights, green bicycle lanes and ADA curb ramps.	\$ 467,900	\$ 412,900	BCR
243	H10-11-002	11-Carlsbad-2	11	Carlsbad	SANDAG	Carlsbad Boulevard Pedestrian Crossing Enhancements - Mid Block Crossing	Carlsbad Boulevard between Mountain View Drive and Cypress Avenue.	Install pedestrian enhancements at an existing mid block crosswalk, including curb extensions, pedestrian-activated in roadway warning lights, green bicycle lanes and ADA curb ramps.	\$ 189,700	\$ 178,700	SA-PedCrossing
244	H10-11-003	11-Chula Vista-3	11	Chula Vista	SANDAG	North Second Avenue Shoulder Improvements	North Second Avenue between C Street and Bayview Way.	Upgrade existing guardrail on easterly frontage of North Second Avenue.	\$ 227,500	\$ 227,500	SA-Guardrail
245	H10-11-004	11-El Cajon-1	11	El Cajon	SANDAG	Washington Avenue Street Improvements	Washington Ave between Avocado Ave and Mollison Ave.	Install high visibility pedestrian crossings at signalized intersections, a Pedestrian Hybrid Beacon, and raised medians along the corridor.	\$ 2,235,000	\$ 2,134,030	BCR
246	H10-11-005	11-El Cajon-3	11	El Cajon	SANDAG	City El Cajon Pedestrian Safety Improvements	11 unsignalized pedestrian crossings citywide.	Install Rectangular Rapid Flashing Beacons (RRFBs) and High Visibility Crosswalks.	\$ 245,900	\$ 245,900	SA-PedCrossing
247	H10-11-006	11-Encinitas-2	11	Encinitas	SANDAG	Coast Highway 101 Separated Bike Lanes	Coast Highway 101 from Swami's Pedestrian Crossing to Chesterfield Dr.	Install separated bike lanes.	\$ 722,100	\$ 649,890	BCR
248	H10-11-007	11-Encinitas-3	11	Encinitas	SANDAG	Coast Highway 101 from South Cardiff State Beach Parking Lot to City Limits Sidewalk Improvements	Coast Highway 101 from South Cardiff State Beach Parking Lot to City Limits.	Install new sidewalk and retaining wall.	\$ 787,700	\$ 708,930	BCR
249	H10-11-008	11-Encinitas-4	11	Encinitas	SANDAG	Citywide Leading Pedestrian Intervals	48 intersections throughout the City of Encinitas.	Install Leading Pedestrian (LPI), traffic signal system upgrades for LPI operations, and high visibility crosswalk striping.	\$ 1,234,500	\$ 1,234,500	BCR
250	H10-11-009	11-Escondido-2	11	Escondido	SANDAG	Escondido Signal Communications Safety Improvements	Citywide	Install traffic signal interconnect system (conduit, monitoring devices, controllers, software and related communications equipment) to allow for improved safety operations and optimized signal coordination along sixteen coordinated signal groups.	\$ 2,321,700	\$ 1,160,850	BCR
251	H10-11-010	11-Imperial County-1	11	Imperial County	SCAG	Imperial County Pedestrian Improvements at priority locations	Correll Rd between Dogwood Dr and Heber Ave; Rio Vista St between San Diego Ave and Haskell Rd; Shore Hawk Ave near intersection with Shore Gem St; and S. Marina Dr at intersection with Sea Palm Ave.	Install Rectangular Rapid Flashing Beacons (RRFBs) near schools.	\$ 158,000	\$ 158,000	SA-PedCrossing
252	H10-11-011	11-La Mesa-3	11	La Mesa	SANDAG	Citywide Guardrail Upgrades	Various existing guardrail locations throughout the City of La Mesa.	Upgrade existing guardrails and end treatments.	\$ 499,300	\$ 499,300	SA-Guardrail
253	H10-11-012	11-La Mesa-4	11	La Mesa	SANDAG	Citywide Installation of Edgelines	Various roadways throughout the City of La Mesa.	Install edgeline striping.	\$ 150,000	\$ 150,000	SA-Edgeline
254	H10-11-013	11-National City-4	11	National City	SANDAG	16th St & E St and Plaza Blvd / Paradise Valley Rd & 8th St Pedestrian Crossings	Intersections of 16th St & E Ave and Plaza Blvd / Paradise Valley Rd & 8th St.	Install high visibility pedestrian striping, curb extensions, pedestrian refuge islands, ADA curb ramps, pedestrian push button poles, and pedestrian lighting.	\$ 250,000	\$ 243,000	SA-PedCrossing
255	H10-11-014	11-National City-5	11	National City	SANDAG	National City Highway Safety Improvements (HSIP) - Cycle 10	Signalized Intersections at Harbison Ave/E Plaza Blvd, Harbison Ave/E 8th St, E Plaza Blvd/Highland Ave, Highland Ave/E 8th St, Highland Ave/E 21st St, Highland Ave/E 18th St, National City Blvd/E 8th St and Highland Ave/E 30th St.	Install pedestrian countdown signal heads, advance stop bar before crosswalk (Bicycle Box), and modify signal phasing to implement a Leading Pedestrian Interval (LPI).	\$ 427,500	\$ 427,500	BCR
256	H10-11-015	11-Poway-1	11	Poway	SANDAG	Poway Road Corridor Improvements	Various locations along Poway Road between Oak Knoll Road and Garden Road.	Provide advanced dilemma zone detection, implement leading pedestrian interval (LPI), create directional median openings, and install/upgrade intersection regulatory signs.	\$ 604,100	\$ 589,980	BCR
257	H10-11-016	11-San Diego County-1	11	San Diego County	SANDAG	Pedestrian Safety Improvements at 4 Intersections in San Diego County	4 intersections in unincorporated San Diego County: Jamacha Rd/Elkelton Blvd; S. Mission Rd/Alvarado St; S. Mission Rd/Clemmens Ln; and Sweetwater Rd/Troy St.	Install Pedestrian Countdown Signal Heads, pushbuttons, curb ramps, and continental crosswalks.	\$ 675,700	\$ 608,130	BCR
258	H10-11-017	11-San Diego County-2	11	San Diego County	SANDAG	Guardrail Upgrades in San Diego County	Various locations along Sunrise Highway (MP 14.5, MP 15.0, MP 15.5, and MP 17.0) and West Lilac Road (east of Old Hwy 395) in Unincorporated San Diego County.	Upgrade metal beam guardrail and end-treatment.	\$ 833,700	\$ 833,700	SA-Guardrail
259	H10-11-018	11-San Diego County-3	11	San Diego County	SANDAG	Edgeline Installations in San Diego County	West Lilac Road (between Lilac Rd and Camino del Rey) and Wildcat Canyon Road (between San Vicente Rd and Willow Rd) in unincorporated San Diego County.	Install 6" edgelines.	\$ 196,700	\$ 196,700	SA-Edgeline
260	H10-11-019	11-San Diego County-4	11	San Diego County	SANDAG	Pedestrian Crossing Enhancements in San Diego County	17 intersections in unincorporated San Diego County.	Install pedestrian countdown signal heads.	\$ 249,600	\$ 249,600	SA-PedCrossing
261	H10-11-020	11-San Marcos-1	11	San Marcos	SANDAG	Citywide traffic signal visibility improvements	120 intersections throughout the City of San Marcos.	Upgrade existing traffic signal backplates to retroreflective backplates.	\$ 724,000	\$ 724,000	BCR

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262	H10-12-001	12-Anaheim-1	12	Anaheim	SCAG	Installation of Protected/Protected-Permissive Left-turn Signal Phasing at 3 Intersections	3 Signalized Intersections in the City of Anaheim: Walnut Street at Ball Road; Anaheim Boulevard at Santa Ana Street; and Acacia Street/Anna Drive at La Palma Avenue.	Install protected/protected-permissive left-turn phasing.	\$ 702,100	\$ 702,100	BCR
263	H10-12-002	12-Anaheim-2	12	Anaheim	SCAG	Design and Installation of Protected Left-turn Signal Phasing to Improve Intersection Safety	4 Signalized Intersections in the City of Anaheim: Western Avenue at Ball Road; Western Avenue at Orange Avenue; Dale Avenue at Orange Avenue; and Manchester Avenue at Broadway.	Install protected left-turn phasing.	\$ 1,216,100	\$ 1,216,100	BCR
264	H10-12-003	12-Irvine-1	12	Irvine	SCAG	Citywide Pedestrian Crossings with Rectangular Rapid Flashing Beacons (7 Locations)	Seven locations throughout the City of Irvine.	Construct pedestrian crossing enhancements with Rectangular Rapid Flashing Beacons (RRFBs).	\$ 291,400	\$ 248,162	SA-PedCrossing
265	H10-12-004	12-Mission Viejo-1	12	Mission Viejo	SCAG	Prioritized City-Wide Audible Pedestrian Push Button Systems Safety Improvement Project	Twenty-Four (24) prioritized signalized intersection locations within the City of Mission Viejo.	Install audible pedestrian push button systems.	\$ 248,200	\$ 248,200	SA-PedCrossing
266	H10-12-005	12-Santa Ana-1A	12	Santa Ana	SCAG	Bristol Street at Santa Clara Avenue Signal Modification	The intersection of Bristol Street at Santa Clara Avenue.	Install left turn phasing for north and south directions.	\$ 320,900	\$ 320,900	BCR