

**Highway Safety Improvement Program (HSIP) (CAL105)
2019 FTIP/ 2018 RTIP Back-Up List for
San Diego Association of Governments
Amendment 18-08**

Unique Project ID	TIP ID	Agency	Project Location	Description of Work	Current Total Project Cost Estimate	Current Programmed Federal Funds	Other/ Local Funds	Federal Funds Programmed under "Prior"	Federal Funds Programmed in 2018/19	Federal Funds Programmed in 2019/20	Federal Funds Programmed in 2020/21	Federal Funds Programmed in 2021/22
H9-11-001	CAL512	Barona Band of Mission Indians	between Ashwood and Wildcat Canyon Road	Install high visibility crossings and advanced stop bars; install bike lane stripping, edge-lines and centerlines; construct sidewalks and curb ramps; install pedestrian signal head and safety lighting system.	\$348,300	\$62,177	\$99,594	\$0	\$0	\$0	\$0	\$62,177
H8-11-001	CAL444	Chula Vista	Various locations citywide.	Install pedestrian countdown signals.	\$1,215,900	\$1,215,900	\$0	\$75,000	\$1,140,900	\$0	\$0	\$0
H8-11-002	CAL445 ¹	Chula Vista	Various locations west of I-805 and east of I-5 to City Limits and signals along Main St.	Retiming of traffic signals and installation of fiber optic/ethernet communication system.	\$661,550	\$661,550	\$0	\$45,000	\$616,550	\$0	\$0	\$0
H8-11-003	CAL446	Chula Vista	Five (5) intersections: Broadway and Anita Street; Third Avenue and Oxford Street; Fifth Avenue and "E" Street; Fifth Avenue and "F" Street; Fifth Avenue and "G" Street.	Provide for protected left turn movement at two intersections and install traffic signals on mast arms at three intersections.	\$829,800	\$829,800	\$0	\$72,000	\$757,800	\$0	\$0	\$0
H9-11-002	CAL513	Chula Vista	Various locations citywide.	Install Lead Pedestrian Interval Operations.	\$2,233,900	\$2,233,900	\$0	\$0	\$0	\$0	\$2,233,900	\$0
H9-11-003	CAL514	El Cajon	Jamacha Road and 2nd Street, from Washington Avenue to Broadway.	Install raised medians, high visibility pedestrian crossings at signalized intersections, curb extensions, and pedestrian crossings at uncontrolled locations (with enhanced safety features).	\$2,712,300	\$596,706	\$325,476	\$0	\$0	\$0	\$0	\$596,706
H9-11-004	CAL515	El Cajon	Madison Avenue from N. Johnson Avenue to 670 ft east of N. 2nd Street.	Install Class 2 bike lanes, uncontrolled pedestrian crossings, and street lighting.	\$2,701,900	\$607,928	\$270,190	\$0	\$0	\$0	\$0	\$607,928
H8-11-005	CAL448	Encinitas	Intersections of Encinitas Blvd and Vulcan Avenue, Leucadia Boulevard and Quail Gardens Drive, Santa Fe Drive and Scripps Driveway, and Leucadia Boulevard and North Vulcan Avenue.	Replace existing permissive left-turn phases and signal heads with protected left-turn phases and signal heads on existing and/or new traffic signal poles and mast arms.	\$532,200	\$532,200	\$0	\$45,000	\$487,200	\$0	\$0	\$0
H8-11-006	CAL449	Encinitas	North Coast Highway 101 from Jasper Street to Phoebe Street.	Install a HAWK beacon.	\$316,000	\$316,000	\$0	\$40,000	\$276,000	\$0	\$0	\$0
H8-11-007	CAL450	Encinitas	Corridors of 2nd St, Birmingham Dr, Coast Highway 101, El Camino Real, Encinitas Blvd, Garden View Rd, Leucadia Blvd, Mountain Vista Dr, Olivenhain Rd, Quail Garden Dr, Santa Fe Dr, Via Cantabria, Village Park Wy, and Vulcan Ave/San Elijo Ave.	Install LED luminaire safety lighting at signalized intersections and LED street lighting along project corridors.	\$718,000	\$718,000	\$0	\$50,000	\$668,000	\$0	\$0	\$0

**Highway Safety Improvement Program (HSIP) (CAL105)
2019 FTIP/ 2018 RTIP Back-Up List for
San Diego Association of Governments
Amendment 18-08**

Unique Project ID	TIP ID	Agency	Project Location	Description of Work	Current Total Project Cost Estimate	Current Programmed Federal Funds	Other/ Local Funds	Federal Funds Programmed under "Prior"	Federal Funds Programmed in 2018/19	Federal Funds Programmed in 2019/20	Federal Funds Programmed in 2020/21	Federal Funds Programmed in 2021/22
H9-11-005	CAL516	Encinitas	North Coast Highway 101 corridor from Basil Street to El Portal Street.	Install pedestrian hybrid beacon (HAWK).	\$490,100	\$490,100	\$0	\$0	\$0	\$0	\$0	\$490,100
H9-11-006	CAL517	Encinitas	Three-block corridor of Santa Fe Drive from Gardena Road to Bonita Drive. Santa Fe Drive intersects with four streets along the corridor: Gardena Road, Arcadia Road, Nardo Road, and Bonita Drive.	Install sidewalk/pathway and install pedestrian hybrid beacon (HAWK).	\$769,600	\$692,640	\$76,960	\$0	\$0	\$0	\$0	\$692,640
H9-11-007	CAL518	Encinitas	El Camino Real approximately 350 ft south of Via Molena between the shopping centers of Encinitas Market Place and Encinitas Village.	Install a pedestrian staggered mid block crosswalk (z-crossing) with pedestrian hybrid beacon to connect pedestrians and bicyclists to the east and west sides of El Camino Real.	\$517,600	\$517,600	\$0	\$0	\$0	\$0	\$0	\$517,600
HSIP7-11-005	CAL413	La Mesa	Signalized intersections on the following corridors: Amaya Dr, Baltimore Dr, Center Dr, El Cajon Blvd, Grossmont Center Dr, Jackson Dr, La Mesa Blvd, Lake Murray Blvd, Murray Dr, Spring St, and University Ave	Upgrade fiber optic traffic signal interconnect system including installation of: cable, controllers, BBS, monitoring devices, and related communication equipment to improve safety and operations via optimized traffic signal timing and coordination.	\$904,900	\$904,900	\$0	\$75,000	\$0	\$0	\$829,900	\$0
H9-11-008	CAL519	La Mesa	Various signalized intersections, including La Mesa Blvd/Glen St, Lemon Ave/Bancroft Dr, Spring St/La Mesa Blvd, 70th/University, Lake Murray/Dallas St, Lake Murray/Aztec Dr, Murray Dr/Hospital Ring, Fletcher Pkwy/Trolley Ct/Parks Ave.	Install pedestrian countdown signal heads, ADA-compliant pedestrian pushbuttons, and upgrade traffic signal controllers.	\$189,900	\$189,900	\$0	\$0	\$0	\$0	\$0	\$189,900
H9-11-009	CAL520	La Mesa	El Cajon Boulevard from Jessie Avenue to Williams Avenue.	Install a HAWK signal and curb extensions.	\$533,000	\$438,000	\$95,000	\$0	\$0	\$0	\$0	\$438,000
H9-11-010	CAL521	La Mesa	Various locations citywide.	Install Rectangular Rapid Flashing Beacons (RRFBs), high visibility crosswalks, and pedestrian curb ramps.	\$250,000	\$250,000	\$0	\$0	\$250,000	\$0	\$0	\$0
H9-11-011	CAL522	La Mesa	Various intersections within the City of La Mesa.	Upgrade regulatory, warnings, and school signs and posts.	\$144,200	\$136,200	\$8,000	\$0	\$136,200	\$0	\$0	\$0
HSIP7-11-006	CAL414	National City	Signalized intersections along the following corridors within City limits: 8th Street, 18th Street, Division Road, Euclid Avenue, Mile of Cars Way, Palm Avenue, and Plaza Boulevard.	Upgrade fiber optic traffic signal communication system including installation of: conduit, cable, radios, controllers, and related communication equipment to improve safety and operations via optimized traffic signal timing and coordination.	\$475,100	\$455,100	\$20,000	\$0	\$0	\$0	\$0	\$455,100
HSIP7-11-008	CAL416	National City	At the intersections of National City Blvd & 30th St, Plaza Blvd & N Ave, Plaza Blvd & Harbison Ave, Euclid Ave & 16th St, Euclid Ave & 18th St, 30th St & L Ave, Sweetwater Rd & Prospect St, Sweetwater Rd & Ring Rd.	Installing pedestrian crossings at signalized intersections and necessary related access and equipment improvements.	\$261,200	\$243,200	\$18,000	\$0	\$0	\$0	\$0	\$243,200
H8-11-010	CAL452	National City	Sweetwater Road from Plaza Bonita Road/Stockman to Plaza Bonita Centerway.	Install pinned raised median and street lighting.	\$786,600	\$680,940	\$105,660	\$0	\$680,940	\$0	\$0	\$0

**Highway Safety Improvement Program (HSIP) (CAL105)
2019 FTIP/ 2018 RTIP Back-Up List for
San Diego Association of Governments
Amendment 18-08**

Unique Project ID	TIP ID	Agency	Project Location	Description of Work	Current Total Project Cost Estimate	Current Programmed Federal Funds	Other/ Local Funds	Federal Funds Programmed under "Prior"	Federal Funds Programmed in 2018/19	Federal Funds Programmed in 2019/20	Federal Funds Programmed in 2020/21	Federal Funds Programmed in 2021/22
H8-11-011	CAL453	National City	Signalized intersections on corridors: 8th St, 18th St, 30th St/Sweetwater Rd, Bay Marina Dr/Mile of Cars Wy, Division St, Euclid Ave, National City Blvd, Plaza Blvd/Paradise Valley Rd, Tideland Ave; Plaza Bonita Ctrwy & Valley Rd, 16th St & Palm Ave.	Install pedestrian countdown signal heads and ADA-compliant pedestrian push buttons.	\$520,900	\$512,900	\$8,000	\$0	\$512,900	\$0	\$0	\$0
H8-11-012	CAL454	National City	Signalized intersections of National City Blvd at 16th St and Euclid Ave at 4th St.	Replace existing permissive left-turn phases and signal heads with protected left-turn phases and signal heads on existing and/or new traffic signal poles and mast arms.	\$191,800	\$176,800	\$15,000	\$0	\$176,800	\$0	\$0	\$0
H8-11-013	CAL455	National City	Thirty-two (32) signalized intersections - Tideland Ave/19th St, Palm Ave/16th St, and on the following corridors: 8th St, 18th St, 30th St/Sweetwater Rd, Bay Marina Dr/Mile of Cars Wy/24th St, Division St, Euclid Ave, Plaza Blvd/Paradise Valley Rd.	Install LED luminaire safety lighting.	\$183,200	\$175,200	\$8,000	\$0	\$175,200	\$0	\$0	\$0
H9-11-012	CAL523	National City	Signalized intersections at the following corridors: 8th Street, 18th Street, D Avenue, Euclid Avenue, Plaza Boulevard, Palm Avenue, Sweetwater Road, and Roosevelt Avenue.	Upgrade existing permissive left-turn phases and signal heads with protected left-turn phases on existing and/or new traffic signal poles and mast arms. Add left turn lane striping at project signalized intersections with no left turn pocket lanes.	\$1,545,100	\$1,390,590	\$154,510	\$0	\$0	\$0	\$0	\$1,390,590
HSIP7-11-009	CAL417 ²	Oceanside	On Douglas Drive between approximately 300 feet south of Westport Drive and 250 feet north of Via Cibola.	Install a raised median from 300 ft. south of Westport Dr to 250 ft. north of Festival Dr, and raised median islands on the approaches of two non-signalized intersections along Douglas Dr at Corte Bocina and at Via Cibola.	\$778,700	\$700,830	\$77,870	\$45,000	\$0	\$0	\$655,830	\$0
H9-11-013	CAL524	Oceanside	Signalized intersections along the corridors of Coast Hwy 101, El Camino Real, College Blvd, Oceanside Blvd Mission Ave, Douglas Dr, Vandegrift Blvd, Mesa Dr, North Santa Fe, Cannon Rd, Rancho Del Oro Rd, and Lake Blvd.	Install pedestrian countdown signal heads, ADA-compliant pedestrian pushbuttons, and upgrade traffic signal controllers.	\$2,230,300	\$2,230,300	\$0	\$0	\$0	\$0	\$0	\$2,230,300
H8-11-014	CAL456 ³	San Diego	University Avenue between Fairmount Avenue and Euclid Avenue.	Implement Complete Street measures including raised medians with pedestrian refuges, roundabouts, and wider sidewalks.	\$5,441,220	\$5,441,220	\$0	\$971,640	\$0	\$4,469,580	\$0	\$0
H9-11-014	CAL525	San Diego	Sixty-six (66) intersections throughout the City of San Diego.	Install activated blank out signs with leading pedestrian intervals, pedestrian countdown timers, and high visibility crosswalks.	\$1,206,100	\$1,206,100	\$0	\$0	\$1,206,100	\$0	\$0	\$0
H9-11-015	CAL526	San Diego	Two hundred fifteen (215) intersections throughout the City of San Diego.	Install pedestrian countdown signal heads.	\$249,500	\$249,500	\$0	\$0	\$249,500	\$0	\$0	\$0
H9-11-016	CAL527	San Diego	Various locations, including Skyline Drive & S.Woodman Street, West Mission Bay Drive & Ingraham Street On-ramp, North Torrey Pines Road N/O Callan Road, Via de la Melodia & Smythe Avenue, Sabre Springs Parkway S/O Evening Creek Drive South.	This project involves extending existing guardrails, installing end terminals or crash cushions and widening sidewalks to provide adequate access.	\$998,200	\$249,550	\$0	\$0	\$0	\$0	\$0	\$249,550
HSIP7-11-010	CAL418	San Diego County	Wintergardens Blvd. from Woodside Ave to Lemoncrest Dr in the unincorporated community of Lakeside in San Diego County.	Construct sidewalk, curb, gutter, curb ramps, driveways, bike lanes, stripes, pavement markings and a traffic signal modification	\$866,000	\$732,440	\$133,560	\$131,520	\$0	\$0	\$600,920	\$0

**Highway Safety Improvement Program (HSIP) (CAL105)
2019 FTIP/ 2018 RTIP Back-Up List for
San Diego Association of Governments
Amendment 18-08**

Unique Project ID	TIP ID	Agency	Project Location	Description of Work	Current Total Project Cost Estimate	Current Programmed Federal Funds	Other/ Local Funds	Federal Funds Programmed under "Prior"	Federal Funds Programmed in 2018/19	Federal Funds Programmed in 2019/20	Federal Funds Programmed in 2020/21	Federal Funds Programmed in 2021/22
H8-11-015	CAL457	San Diego County	Jamacha Boulevard between Sweetwater Road and Gillespie Drive, adjacent the Spring Valley Shopping Center, in the unincorporated community of Spring Valley.	Construct raised median and install traffic signal with striping, raised pavement markers, signage, and continental crosswalk striping.	\$930,600	\$837,540	\$93,060	\$119,700	\$0	\$717,840	\$0	\$0
H8-11-016	CAL458	San Diego County	Woodside Ave from Marilla Dr to Chestnut St in the unincorporated community of Lakeside.	Construct sidewalks, bike lanes, and advanced dilemma zone detection with signal coordination.	\$7,724,200	\$6,951,780	\$772,420	\$1,225,620	\$0	\$5,726,160	\$0	\$0
H9-11-017	CAL528	San Diego County	San Miguel Road at Sunnyside Elementary School in the unincorporated community of Bonita in San Diego County.	Install Pedestrian Hybrid Beacon (HAWK).	\$382,500	\$361,500	\$21,000	\$0	\$361,500	\$0	\$0	\$0
H9-11-018	CAL529	San Diego County	Five (5) guardrails, located at Del Dios Hwy (at Date Lane) and Japatul Rd (at MP 14.5 and east of Tavern Rd, in unincorporated San Diego County.	Upgrade metal beam guardrail.	\$520,600	\$520,600	\$0	\$0	\$520,600	\$0	\$0	\$0
H9-11-019	CAL530	San Pasqual Band of Mission Indians	Various locations throughout the San Pasqual Band of Mission Indians Reservation, within the County of San Diego.	Upgrade existing guardrail from wood posts to steel posts.	\$351,200	\$351,200	\$0	\$0	\$351,200	\$0	\$0	\$0
HSIP7-11-011	CAL419	Santee	Mission Gorge Road from SR 52 westbound on-ramp to Carlton Hills Boulevard	Install streetlights	\$365,500	\$365,500	\$0	\$46,000	\$0	\$0	\$0	\$319,500
HSIP7-11-012	CAL420	Santee	Around Santana High School on Mast Boulevard from Park Center Drive to Grand Teton Way, Magnolia Avenue from Mast Boulevard to 2nd Street, 2nd Street from Magnolia Avenue to Cleary Street	Install streetlights	\$518,200	\$518,200	\$0	\$51,000	\$0	\$0	\$467,200	\$0
H9-11-020	CAL531	Santee	All sixty-one (61) traffic signals citywide.	Install reflective tapes on traffic signal heads and paint faded signal back plates to improve visibility of traffic signals.	\$219,600	\$219,600	\$0	\$0	\$0	\$0	\$0	\$219,600
H9-11-021	CAL532	Viejas Tribal Government	Entire length of Browns Road, Viejas Indian Reservation, San Diego County.	Install new signs, new dynamic/variable speed warning sign, new edge-lines, new centerlines and centerline and departure line rumble strips.	\$73,900	\$73,900	\$0	\$0	\$73,900	\$0	\$0	\$0
H8-11-017	CAL459	Vista	Signalized intersections on the following corridors: North Melrose Drive, Santa Fe Avenue, Civic Center Drive, Vista Way/Vista Village Drive, and Bobier Drive/Foothill Drive.	Install traffic signal interconnect system including: conduit, cable, monitoring devices, controllers, and related communication equipment.	\$1,420,400	\$710,200	\$710,200	\$125,000	\$585,200	\$0	\$0	\$0
Totals					\$44,309,770	\$36,748,190	\$3,012,500	\$3,117,480	\$9,226,490	\$10,913,580	\$4,787,750	\$8,702,890

¹ Local funds of \$661,550 for CAL445 are programmed on CHV84
² Local funds of \$77,870 for CAL417 are programmed on O45
³ Local funds of \$604,580 for CAL456 are programmed on SD252