

FHWA Approvals of Patented and Proprietary Products

FEDERAL-FUNDED PROJECT ID	TRACKING NUMBER	STATE	BASIS OF PARTICIPATION	PRODUCT/MATERIAL	PRODUCT CATEGORY	EXTENT	SUBMITTAL DATE	PARTICIPATION DATE*	EXPIRATION DATE	COMMENTS
HSIPL-5058(092)		California	Certification - Synchronization	10 street lights, wooden poles, overhead wire, mast arms, LED luminaires	Lighting	Project Specific	7/1/2016	1/28/2014	N/A	District 08-RIV
CML-6160(020), CML-6160(028)		California	Public Interest Finding	Intelligent transportation system (ITS) infrastructure, trailblazer signs, CCTV cameras, additional ITS device cabinets, conduits, a fiber optic network	ITS Hardware or System		5/26/2016	7/21/2011	N/A	District 04-ALA
HSIPL-5331(020)		California	Certification - Synchronization	Video detection system, LED street name signs, accessible pedestrian signal system	Traffic Signal Equipment	Project Specific	8/31/2016	12/30/2014	N/A	District 07-LA
CML-5110(030)		California	Public Interest Finding	Post-top street lights	Lighting		8/18/2016	10/24/2016	N/A	District 03-YOL
HSIPL-5073(074)		California	Certification - No equally suitable alternate	Rectangular Rapid Flashing Beacons (RRFB). Painting of high visibility crosswalks, miscellaneous concrete, ADA-compliant ramps	ADA Compliance	Project Specific	8/17/2016	1/20/2016	N/A	District 12-ORA
N/A		California	Public Interest Finding	Post-top street lights	Lighting		8/14/2016		N/A	District 03-YOL, PIF form did not include a project ID so participation date was left blank
N/A		California	Certification - No equally suitable alternate	m60 Series ATC traffic controller and SEPAC software	Traffic Signal Equipment	Multiple Projects	7/21/2016		9/30/2019	District 10-SJ, PIF form did not include a project ID so participation date was left blank
CML-5479(040), SR2SL-5479(036)		California	Public Interest Finding	3 benches, 6' bench with back, in-ground mount, with slat back, black color	Miscellaneous		6/30/2016	7/26/2016	N/A	District 03-SAC
RPSTPL-6249(004), BRLO-5094(064)		California	Certification - Synchronization	Four lane roadway, provisions for medians, traffic signals, video detection systems, battery backup systems, hybrid 332 traffic signal cabinets, global positioning emergency and transit pre-emption systems, accessible pedestrian signal system, and an Ethernet over copper network, shoulders, sperate bike lanes,	Miscellaneous	Project Specific	7/5/2016	7/24/2014	N/A	District 04-SOL
ATPL-5316(007)		California	Certification - Synchronization	Irrigation system components and appurtenances to supply water	Irrigation Systems	Project Specific	9/7/2016	11/14/2016	N/A	District 05-West Broadway
ATPL-5316(007)		California	Certification - Synchronization	Traffic signal software for new signal	Traffic Signal Equipment	Project Specific	8/24/2016	11/14/2016	N/A	District 05-West Broadway
ATPL-5316(007)		California	Certification - No equally suitable alternate	Street lights	Lighting	Project Specific	8/24/2016	11/14/2016	N/A	District 05-West Broadway
STPL-5361(026)		California	Certification - Synchronization	ADA guidelines upgrades of ramps, pedestrians push buttons, audible pedestrian signals, replacement of existing traffic signal detection, reestablishing bridge conforms, HMA overlay and restriping	ADA Compliance	Project Specific	9/15/2016	12/14/2015	12/31/2021	District 04-MRN
STPL-53934(174)		California	Certification - Synchronization	Washington post light 80W LED Luminaire, 15' high fluted round tapered steel pole	Lighting	Project Specific	9/16/2016	6/24/2016	N/A	District 04-SF
STPL-53934(174)		California	Certification - Synchronization	Integral color and sparkle finish	Coating	Project Specific	9/16/2016	6/24/2016	N/A	District 04-SF
STPL-53934(174)		California	Certification - No equally suitable alternate	Crosswalk paving	Miscellaneous	Project Specific	9/16/2016	6/24/2016	N/A	District 04-SF
STPL-53934(174)		California	Certification - Synchronization	Install street trees, install median trees, planting	Landscaping	Project Specific	9/16/2016	6/24/2016	N/A	District 04-SF
STPL-53934(174)		California	Certification - Synchronization	Hot mix asphalt (sealer)	Concrete - Sealant	Project Specific	9/16/2016	6/24/2016	N/A	District 04-SF
STPL-53934(174)		California	Certification - Synchronization	PVC piping, remote control valves and actuator, shrub bubbler, tree bubbler, valve boxes, backflow preventers, backflow device enclosure	Irrigation Systems	Project Specific	9/16/2016	6/24/2016	N/A	District 04-SF
STPL-53934(174)		California	Certification - Synchronization	Gravel mulch-median	Landscaping	Project Specific	9/16/2016	6/24/2016	N/A	District 04-SF
STPL-53934(174)		California	Certification - Synchronization	Traffic signals, pedestrian push buttons, hand-held wireless infrared programming device, transit signal priority equipment, wires and cables	Traffic Signal Equipment	Project Specific	9/16/2016	6/24/2016	N/A	District 04-SF
STPL-53934(174)		California	Certification - Synchronization	Unit paver maintenance strip- median	Miscellaneous	Project Specific	9/16/2016	6/24/2016	N/A	District 04-SF
HSIP-5177(034)		California	Certification - Synchronization	Video detection for traffic signals	Traffic Control Device	Project Specific	9/28/2016	2/18/2016	N/A	District 04-SM
HSIP-5177(034)		California	Certification - Synchronization	Installation of Polara EZ Communicator Navigator Accessible Pedestrian System (APS) in the new pedestrian push button assemblies	Traffic Control Device	Project Specific	9/28/2016	2/18/2016	N/A	District 04-SM
HSIP-5177(034)		California	Certification - Synchronization	McCain software for Model 170E Controller Assembly	Traffic Control Device	Project Specific	9/28/2016	2/18/2016	N/A	District 04-SM
HSIP-5177(034)		California	Certification - Synchronization	Speedcheck SC-15, Traffic Logix Safespace 600, or approved equal radar feedback signs	Traffic Control Device	Project Specific	9/28/2016	2/18/2016	N/A	District 04-SM
CML-5135(052)		California	Certification - Synchronization	Trash capture device	Drainage	Project Specific	10/17/2016	6/11/2015	N/A	District 04-CND
CML-5060(303)**		California	Certification - Synchronization	Add trafficware synchro green ASCT licences to existing traffic signal controllers	Traffic Signal Equipment	Project Specific	10/3/2016	6/16/2015	2020	District 06-FRE
CML-5060(302)**		California	Certification - Synchronization	Add trafficware synchro green ASCT licences to existing traffic signal controllers	Traffic Signal Equipment	Multiple Projects	10/3/2016	6/16/2015	2020	District 06-FRE
STPL-5338(050)		California	Certification - Synchronization	Truncated dome, catch basin manhole frame and cover, rolled plate, post mounted signs, mast arm mounted non-illuminated street name signs	Utilities-Other	Project Specific	10/17/2016	3/14/2016	N/A	District 12-WTM
HSIPL-5307(023)		California	Certification - Synchronization	Pedestrian indications for traffic signal installation	Traffic Signal Equipment	Project Specific	10/13/2016	9/11/2014	N/A	District 08-SBD
HSIPL-5307(023)		California	Certification - Synchronization	Vehicle signal indications for traffic signal installation	Traffic Signal Equipment	Project Specific	10/13/2016	9/11/2014	N/A	District 08-SBD
HSIPL-5307(023)		California	Certification - Synchronization	Pedestrian signal head for traffic signal installation	Traffic Signal Equipment	Project Specific	10/13/2016	9/11/2014	N/A	District 08-SBD
HSIPL-5307(023)		California	Certification - Synchronization	Traffic signal vehicle head with backing plates and visors	Traffic Signal Equipment	Project Specific	10/13/2016	9/11/2014	N/A	District 08-SBD
HSIPL-5307(023)		California	Certification - Synchronization	Intersection lighting	Lighting	Project Specific	10/13/2016	9/11/2014	N/A	District 08-SBD
HSIPL-5307(023)		California	Certification - Synchronization	Overhead reflective street name signs	Traffic Signal Equipment	Project Specific	10/13/2016	9/11/2014	N/A	District 08-SBD
N/A		California	Certification - Synchronization	Furnish a matched Opticom Priority Control System, including infrared detector, detector cable, discriminator card, card rack, auxiliary interface panel, emitter, and central management software	Traffic Signal Equipment	Multiple Projects	10/6/2016		9/30/2020	District 10-SJ, PIF form did not include a project ID so participation date was left blank
HSIPL-5307(023)		California	Certification - Synchronization	Traffic signal controller and appurtenant equipment	Traffic Control Device	Project Specific	9/22/2016	9/11/2014	N/A	District 08-SBD
CML-5236(025)		California	Certification - No equally suitable alternate	Video camera, wireless network, and video server designed to monitor public spaces	Miscellaneous	Project Specific	11/16/2016		N/A	District 04-EC, Project ID did not provide participation date
STPL-5343(008)		California	Certification - Synchronization	Furnish and intalls light system/electrical	Lighting	Multiple Projects	11/15/2016	8/26/2016	N/A	District 06-KERN
ATPL-5012(131)		California	Certification - No equally suitable alternate	Furnish and install Naztec Model 2070E Controller Assembly with Apogee Software	Computer - Software	Project Specific	11/10/2016		N/A	District 04-OAK, Project ID did not provide participation date
ATPL-5070(032)		California	Certification - Synchronization	Intsall proprietary traffic signal equipment; traffic signal controller, street light, video detection	Traffic Signal Equipment	Project Specific	11/7/2016		N/A	District 07-LA, Project ID did not provide participation date
ATPL-5070(032)		California	Certification - Synchronization	Irrigation valves, bubblers, couplers, regulators, controller, sensors, and backflow preventer cage	Irrigation Systems	Project Specific	11/7/2016		N/A	District 07-LA, Project ID did not provide participation date
HSIPL-5092(032)		California	Certification - No equally suitable alternate	Installation of Traffic Signal controller and appurtenant equipment for traffic signal installation project	Traffic Signal Equipment	Project Specific	11/1/2016	9/11/2014	N/A	District 08-ONT
5307(022)		California	Certification - Synchronization	Installation of Traffic Signal controller and appurtenant equipment for traffic signal installation project	Traffic Signal Equipment	Project Specific	11/1/2016		N/A	District 08-FNA, Project ID did not provide participation date
HSIPL-5058(092)		California	Certification - Synchronization		Lighting	Project Specific	7/1/2016	1/28/2014	N/A	District 08-RIV
CML-5937(196)		California	Certification - Synchronization	Install Intelligent Transportation System (ITS) infrastructure to support implementation of a traffic operation management system	ITS Hardware or System	Project Specific	10/25/2016	2/7/2014	N/A	District 04-SCL

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5028(073)		California	Certification - Synchronization	Rectangular Rapid Flashing Beacons (RRFB)	Traffic Signal Equipment	Project Specific	11/17/2016	2/7/2017	N/A	District 04-SON
ATPL 5102(044)		California	Certification - Synchronization	Rectangular Rapid Flashing Beacons (RRFB)	Traffic Signal Equipment	Project Specific	9/21/2016	12/13/2016	N/A	District 04-SM
CML 5064(083)		California	Certification - Synchronization	Set up and deployment of the Sydney Coordinated Adaptive Traffic Control System (SCATS) to provide adaptive signal synchronization for traffic signals	Traffic Control Device	Project Specific	10/10/2016	3/10/2015	N/A	District 07-LA
HSIPL 5203(040)		California	Certification - Synchronization	Polara Pedestrian Push Button -- Upgrade traffic signals, install pedestrian countdown heads, install protected left-turn phasing and upgrade ramps. Lights, signs, and striping	Traffic Signal Equipment	Project Specific	12/14/2016	6/8/2015	N/A	District 11- SD
CML 5312(098)		California	Certification - No equally suitable alternate	Installation of bicycle parking racks	Miscellaneous	Project Specific	11/22/2016		N/A	District 12-ORA
ATPL 5012(131)		California	Certification - No equally suitable alternate	Fluted ornamental pole with Lumec luminaire pedestrian lights and Candelabra pole with double luminaire street lights	Lighting	Project Specific	1/6/2017		N/A	District 04-ALA
ATPL 5012(131)		California	Certification - No equally suitable alternate	Contractor to furnish and install Naztec Model 2070E Controller Assembly with Apogee Software	Computer - Software	Project Specific	11/10/2016	4/6/2017	N/A	District 04-ALA
CML 5006(828)		California	Certification - Synchronization	Update parking technology and install electronic, waufinding and parking availability signs to provide real-time parking information and increase use of other modes of transportation	Traffic Signal Equipment	Project Specific	1/30/2017	12/24/2015	N/A	District 07-LA
HSIP7-08-003		California	Certification - Synchronization	Implement an adaptive traffic management system (ATMS) along ten signalized intersections	Traffic Control Device	Project Specific	2/8/2017		N/A	District 08-SBD
STPL 5927(107)		California	Certification - Synchronization	Instal 4 ADA compliant Dumor 35 Series benches in set locations	ADA Compliance	Project Specific	2/13/2017	4/16/2015	N/A	District 04-MRN
STPCML-5002(159)		California	Certification - No equally suitable alternate	Video detection system	Traffic Signal Equipment	Project Specific	2/15/2017	12/15/2015	N/A	District 03-SAC
STPCML-5002(159)		California	Certification - No equally suitable alternate	Ornamental streetlights	Lighting	Project Specific	2/15/2017	12/15/2015	N/A	District 03-SAC
CML 5102(047)		California	Certification - No equally suitable alternate	Rectangular rapid flashing beacon	Traffic Signal Equipment	Project Specific	2/2/2017		N/A	District 04-SM
BRLS 5904(127)		California	Certification - No equally suitable alternate	Bridge Replacement	Structural System	Project Specific	2/23/2017	6/2/2016	N/A	District 01-HUM
ER 4820 (004)		California	Certification - No equally suitable alternate	Earthquake repairs-retreat road way from slide	Miscellaneous	Project Specific	2/16/2017	2/28/2012	N/A	District 01-HUM
BRLS 5464(023)		California	Certification - No equally suitable alternate	Metal beam railing terminal system	Structure Component	Project Specific	1/4/2017	7/15/2016	N/A	District 08-RIV
STPL 5927(106)		California	Certification - Synchronization	Purchase and install 8 Polara ADA complaint audible pedestrian signals to replace the existing non-ADA pedestrian push buttons	ADA Compliance	Project Specific	2/28/2017	2/22/2017	N/A	District 04-MRN
ATPL 6053(116)		California	Certification - No equally suitable alternate	BikeLid bicycle storage	Miscellaneous	Project Specific	3/17/2017	5/13/2016	N/A	District 08-SB
ATPL 6053(116)		California	Certification - Synchronization	Bicycle rack with personalized 'Santa Fe Depot' lettering	Miscellaneous	Project Specific	3/17/2017	5/13/2016	N/A	District 08-SB
BRLS 5163(027)		California	Certification - Synchronization	Installation of street and bridge lighting with decorative poles that will match poles already installed along the route in Yuba City	Lighting	Project Specific	3/16/2017	5/19/2015	N/A	District 03-YC
BRLS 5163(027)		California	Certification - Synchronization	Installation of traffic signal with decorative poles that will match 2 adjacent traffic signals within Yuba City	Traffic Signal Equipment	Project Specific	3/16/2017	5/20/2015	N/A	District 03-YC
HSIPL 5045 (027)		California	Certification - No equally suitable alternate	Traffic signal improvements and implementing an adaptive traffic control system	Traffic Control Device	Multiple Projects	1/27/2017	3/15/2017	12/31/2021	District 05-MON
HSIPL 5045 (027)		California	Certification - No equally suitable alternate	Traffic signal improvements and implementing an adaptive traffic control system	Traffic Control Device	Multiple Projects	1/27/2017	3/15/2017	12/31/2021	District 05-MON
STPL-5274 (036)		California	Certification - No equally suitable alternate	Reconstruct deficient curb ramps and adjoining sidewalk with terra-cotta tile to meet ADA standards	ADA Compliance	Project Specific	5/2/2017	7/26/2016	N/A	District 12-ORA
HSIPL-5382 (032)		California	Certification - Synchronization	Install raised landscaped median	Irrigation Systems	Project Specific	5/4/2017	3/16/2016	N/A	District 11- SD
BHLS-5004 (049)		California	Certification - No equally suitable alternate	Stain galvanized surfaces such as railing, chain link fences, and sign posts to give them a rusty appearance	Coating	Project Specific	6/8/2017	4/23/2013	N/A	District 11- SD
BHLS-5004 (049)		California	Certification - No equally suitable alternate	Purchase and install 432 upgraded and modified BEGA 2009LED light fixtures in the new West Mission Bay Drive bridge guardrail	Lighting	Project Specific	6/8/2017	4/23/2013	N/A	District 11- SD
BHLS-5004 (049)		California	Certification - No equally suitable alternate	Installation of crash cushions to shield barriers at the bew West Mission Bay Drive Bridge	Miscellaneous	Project Specific	6/8/2017	4/23/2013	N/A	District 11- SD
BHLS-5004 (049)		California	Certification - No equally suitable alternate	Installation of one TAU-II (W) along Sports Arena Blvd to shield Interstate 8 bridge columns	Miscellaneous	Project Specific	6/8/2017	4/24/2013	N/A	District 11- SD
BHLS-5004 (049)		California	Certification - No equally suitable alternate	Purchase 62 Selux ARCL-R4 LED light fixtures with Technalinox Masts along West Mission Bay Drive Bridge and approach roadway	Lighting	Project Specific	6/8/2017	4/23/2013	N/A	District 11- SD
STPL-5006 (823)		California	Certification - No equally suitable alternate	LED fixtures providing specific lighting distribution patterns required by this project	Lighting	Project Specific	5/31/2017		N/A	District 07-LA
STPL-5006 (823)		California	Certification - No equally suitable alternate	Pole-top-coat to facilitate switching of luminaires	Lighting	Multiple Projects	5/31/2017		12/31/2020	District 07-LA
STPL-5006 (823)		California	Certification - Synchronization	Use of Philips City Touch Connector Node LV for switching of luminaires	Lighting	Multiple Projects	5/31/2017		12/31/2020	District 07-LA
STPL-5006 (823)		California	Certification - No equally suitable alternate	Use of Truly Green Solutions LED lamp, No Chip Top, E40 Base for upright street lights	Lighting	Multiple Projects	5/31/2017		12/31/2017	District 07-LA
STPCML-5002(159)		California	Certification - Synchronization	Material Purchase- Econolite Video Detection Camera	Traffic Control Device	Project Specific	6/12/2017	12/15/2015	N/A	District 03-SAC
HSIPL-5443 (015)		California	Certification - Synchronization	Replace out-of-date traffic signal cabinets and controllers at various intersections	Traffic Signal Equipment	Project Specific	6/12/2017	7/29/2016	N/A	District 08-RIV
STPL-5953 (746)		California	Certification - Synchronization	Installation of pedestrian lights	Lighting	Project Specific	6/12/2017		N/A	District 07-LA
HSIPL- 5203 (043)		California	Certification - Synchronization	Enhance pedestrian crosswalks at uncontrolled intersections by installing warning light systems, upgrading existing traffic signal systems, and installing a new traffic signal system	Traffic Signal Equipment	Project Specific	6/23/2017	8/11/2016	N/A	District 11- SD
STPL-5336 (020)		California	Certification - Synchronization	Furnish and install traffic signal video detection systems and LED street name signs	Traffic Signal Equipment	Project Specific	6/30/2017		N/A	District 07-LA
STPL-5336 (020)		California	Certification - Synchronization	Construct pavement coating street bond on existing concrete decorative colored crosswalk	Pavement Markings	Project Specific	6/30/2017		N/A	District 07-LA
HSIPL-5203(043)		California	Certification - Synchronization	Enhance pedestrian crosswalks at uncontrolled intersections by installing warning light systems, upgrading existing traffic signal systems, and installing a new traffic signal system	Pavement Markings	Project Specific	7/7/2017	8/11/2016	N/A	District 11- SD
STPL-5336(020)		California	Certification - Synchronization	Install thermoplastic traffic stipes and pavement markings with enhanced wet-night visibility	Miscellaneous	Project Specific	7/19/2017	4/11/2016	N/A	District 07-LA

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N/A		California	Certification - Synchronization	Opticom OPTICAL Emergency Vehicle Preemption (EVP) equipment of traffic signal projects	Traffic Signal Equipment	Multiple Projects	7/13/2017		7/13/2022	District 06-FRE City
CML-5475(039)		California	Certification - Synchronization	Install ten new street lights as part of a pedestrian/bicycles safety project	Lighting	Project Specific	7/28/2017	8/22/2014	N/A	District 03-SAC
HSIPL-5475(037)		California	Certification - Synchronization	Install street lighting and fiber-optic traffic signal communication system	Lighting	Project Specific	7/28/2017		N/A	District 03-SAC
N/A		California	Certification - Synchronization	Opticom OPTICAL Emergency Vehicle Preemption (EVP) equipment of traffic signal projects	Traffic Signal Equipment	Multiple Projects	8/11/2017		8/11/2022	District 06-FRE County
STPL-5953(730)		California	Certification - Synchronization	Install SKT in-line Guardrail End Treatment System	Miscellaneous	Project Specific	8/2/2017		N/A	District 07-LA
STPL-5953(746)		California	Certification - Synchronization	Install in-line Guardrail End Treatment System	Miscellaneous	Project Specific	8/2/2017		N/A	District 07-LA
HSIPL-5473(019)		California	Public Interest Finding	Irrigation system components and appurtenances to supply water to planter areas along Donner Pass Road	Irrigation Systems	Project Specific	7/28/2017	8/22/2017	N/A	District 03-Nev
HSIPL-5473(019)		California	Certification - Synchronization	Install sidewalk and Raised Median Pedestrian Crossings	Lighting	Project Specific	7/28/2017	8/22/2017	N/A	District 03-Nev
STPL-5953 (607)		California	Certification - Synchronization	Use of the X-Tension and SRT-350 guardrail end terminals and SCI-100GM crash susion	Miscellaneous	Project Specific	7/18/2017		N/A	District 07-LA
HSIPL-5037(030)		California	Certification - Synchronization	Installation of emergency vehicle preemptive system	Traffic Control Device	Project Specific	8/18/2017	4/11/2016	N/A	District 03-But
HSIPL-5203(044)		California	Certification - Synchronization	Installation of Polara Pedestrian Push Button at project intesections	Traffic Signal Equipment	Project Specific	9/7/2017	10/19/2017	N/A	District 11-SD
BRLS-5928(107)		California	Certification - No equally suitable alternate	Purchase and intallation of Quadguard II Crash Cushion	Structure Component	Project Specific	9/27/2017	12/23/2015	N/A	District 04-CC
BRLS-5928(107)		California	Certification - No equally suitable alternate	Purchase and intallation of Absorb 350 Crash Cushion	Structure Component	Project Specific	9/27/2017	12/23/2015	N/A	District 04-CC
HSIPL-5924(208)		California	Certification - Synchronization	Ethernet (Actelis) over copper communication device	ITS Hardware or System	Project Specific	11/30/2017	8/17/2016	N/A	District 03-SAC
HSIPL-6264(063)		California	Certification - Synchronization	Build a pedestrian crosswalk and intall median fence and street lighting	Structure System	Project Specific	12/4/2017	11/1/2017	6/30/2018	District 04-SCL
HSIPL-5203(045)		California	Certification - Synchronization	Upgrade and modify traffic signals	Traffic Signal Equipment	Project Specific	12/19/2017	1/16/2018	N/A	District 11-SD
CML-5368(011)		California	Certification - No equally suitable alternate	Purchase of TYMCO Model 600 street sweeper for city use	Miscellaneous	Project Specific	9/21/2017	7/26/2016	N/A	District 06-TUL
HSIPL-5066(027)		California	Certification - Synchronization	Traffic signal and intersection improvements	Traffic Signal Equipment	Multiple Projects	12/19/2017	9/13/2017	12/1/2020	District 11-SD
HSIPL-5066(028)		California	Certification - Synchronization	Traffic signal and intersection improvements	Traffic Signal Equipment	Multiple Projects	12/19/2017	8/16/2017	12/1/2020	District 11-SD
HSIPL-5066(029)		California	Certification - No equally suitable alternate	Traffic signal and intersection improvements	Traffic Signal Equipment	Multiple Projects	12/19/2017	9/13/2017	12/1/2020	District 11-SD
HSIPL-5066(030)		California	Certification - Synchronization	Traffic signal and intersection improvements	Traffic Signal Equipment	Multiple Projects	12/19/2017	8/16/2017	12/1/2020	District 11-SD
STPL-5924(233)		California	Certification - Synchronization	Traffic signal	Traffic Control Device	Project Specific	1/22/2018	9/18/2017	N/A	District 03-SAC
HRRRL-5955(093)		California	Certification - No equally suitable alternate	Install high friction surface treatment, replace metal beam guardrail, install rumble strip, enhance roadside delineation and signs	Miscellaneous	Project Specific	11/8/2017	2/2/2018	N/A	District 12-ORA
HRRRL-5955(089)		California	Certification - No equally suitable alternate	Install high friction surface treatment, replace metal beam guardrail, install rumble strip, enhance roadside delineation and signs	Miscellaneous	Project Specific	11/8/2017	2/2/2018	N/A	District 12-ORA
HSIPL-5953(703)		California	Certification - Synchronization	Install X-Tension guardrail end terminal	Miscellaneous	Project Specific	1/24/2018		N/A	District 07-LA
HRRRL-5953(702)		California	Certification - Synchronization	Install X-Tension guardrail end terminal	Miscellaneous	Project Specific	1/17/2018		N/A	District 07-LA
RPSTPLE-5021(009)		California	Certification - Synchronization	Streetlight standard with pole, pull box, fuse and liminaire	Lighting	Project Specific	1/6/2018	12/18/2014	N/A	District 01-HUM
CML-5441(065)		California	Certification - No equally suitable alternate	Install fiber optic plant, establish new communication, replace obsolete traffic control equipment, and install CCTV cameras for video surveillance	Traffic Signal Equipment	Project Specific	3/5/2018		N/A	District 08-RIV
CML-5441(065)		California	Certification - No equally suitable alternate	Install fiber optic plant, establish new communication, replace obsolete traffic control equipment, and install CCTV cameras for video surveillance	Miscellaneous	Project Specific	3/6/2018		N/A	District 08-RIV
ATPL-5479(051)		California	Certification - Synchronization	Install irrigation system and traffic control equipment	Irrigation Systems	Project Specific	3/8/2018	3/28/2018	N/A	District 03-SAC
STPL-5006(824)		California	Certification - No equally suitable alternate	Street lighting pole CD942C replica	Miscellaneous	Project Specific	3/8/2018	4/17/2018	N/A	District 07-LA
STPL-5006(824)		California	Certification - No equally suitable alternate	Use of Philips City Touch Connector Node LV for switching of luminaires	Lighting	Project Specific	3/8/2018	4/17/2018	N/A	District 07-LA
STPL-5006(860)		California	Certification - No equally suitable alternate	Use of plan specified LED lighting fixtures: Leotek Green Cobra	Lighting	Project Specific	3/8/2018		N/A	District 07-LA
HSIPL-5055(185)		California	Certification - Synchronization	Install electronic guide signs on traffic signal poles	Miscellaneous	Project Specific	4/12/2018		N/A	District 12-ORA
STPL-5925(160)		California	Certification - No equally suitable alternate	Install bike/pedestrian trip counters, bike route signs	Miscellaneous	Project Specific	4/9/2018	4/6/2018	N/A	District 03-SAC
BRLS-5381(033)		California	Certification - Synchronization	Install Hunter MP Rotator nozzles having proved a dependable irrigation device.	Irrigation Systems	Project Specific	6/14/2018		N/A	District 11-SD
BRLS-5381(033)		California	Certification - Synchronization	Install Rain Bird 1800 series pop-p spray heads proven to be a durable long lasting irrigation heads	Irrigation Systems	Project Specific	6/14/2018		N/A	District 11-SD
BRLS-5381(033)		California	Certification - Synchronization	Install Spectra luminaires allowing the city to maintain a uniform inventory of the same product	Lighting	Project Specific	6/14/2018		N/A	District 11-SD
BRLS-5381(033)		California	Certification - Synchronization	Install GE Evolve LED Roadway Scalable Cobrahead fixtures at City-Controlled signalized intersections	Lighting	Project Specific	6/14/2018		N/A	District 11-SD
BRLS-5381(033)		California	Certification - Synchronization	Install a Smart Crash Cushion to be installed on the bridge	Safety Hardware	Project Specific	6/14/2018		N/A	District 11-SD
BRLS-5381(033)		California	Certification - Synchronization	Install Weathermatic Smartlink Flow Sensor SLFSI-T to improve irrigation management and conserve water.	Irrigation Systems	Project Specific	6/14/2018		N/A	District 11-SD
BRLS-5381(033)		California	Certification - Synchronization	Install Weathermatic Smartlink Controller and Aircard irrigation system	Irrigation Systems	Project Specific	6/14/2018		N/A	District 11-SD
BRLS-5381(522)		California	Certification - Synchronization	Install wireless 573AL reduced pressure backflow device which has been the standard for maintenance continuity and long-term product	Irrigation Systems	Project Specific	6/14/2018		N/A	District 11-SD

FEDERAL-FUNDED PROJECT ID	TRACKING NUMBER	STATE	BASIS OF PARTICIPATION	PRODUCT/MATERIAL	PRODUCT CATEGORY	EXTENT	SUBMITTAL DATE	PARTICIPATION DATE	EXPIRATION DATE	COMMENTS
BRLS-5381(033)		California	Certification - Synchronization	Install Weathermatic Smartlink Smartwire SLWIRE & Decoders SLDEC to improve irrigation management and conserve water	Irrigation Systems	Project Specific	6/14/2018		N/A	District 11-SD
BRLS-NBIL(522)		California	Certification - Synchronization	Install Weathermatic Smartlink Smartwire SLWIRE & Decoders SLDEC to improve irrigation management and conserve water	Irrigation Systems	Project Specific	6/14/2018		N/A	District 11-SD
BRLS-NBIL(522)		California	Certification - Synchronization	Install Hunter MP Rotator nozzles having proved a dependable irrigation device.	Irrigation Systems	Project Specific	6/14/2018		N/A	District 11-SD
BRLS-NBIL(522)		California	Certification - Synchronization	Install Spectra luminaire allowing the city to maintain a uniform inventory of the same product	Irrigation Systems	Project Specific	6/14/2018		N/A	District 11-SD
BRLS-NBIL(522)		California	Certification - Synchronization	Install Rain Bird 1800 series pop-p spray heads proven to be a durable long lasting irrigation heads	Irrigation Systems	Project Specific	6/14/2018		N/A	District 11-SD
BRLS-NBIL(522)		California	Certification - No equally suitable alternate	Install GE Evolve LED Roadway Scalable Cobrahead fixtures at City-Controlled signalized intersections	Lighting	Project Specific	6/14/2018		N/A	District 11-SD
CML5060(303)		California	Certification - Synchronization	Add trafficware synchro green ASCT licences to existing traffic signal controllers	Traffic Signal Equipment	Multiple Projects	6/18/2018	9/12/2017	N/A	District 6-FRE
CML5060(302)		California	Certification - Synchronization	Add trafficware synchro green ASCT licences to existing traffic signal controllers	Traffic Signal Equipment	Multiple Projects	6/18/2018		N/A	District 6-FRE
CML-5100(023)		California	Certification - Synchronization	Relocation of video detection surge panels to relocated traffic signal cabinets for existing video detection system consistent with traffic signal upgrades.	Traffic Signal Equipment	Project Specific	6/4/2018	12/21/2017	N/A	District 4-SCL
CML-5100(023)		California	Certification - Synchronization	Irrigation controller for additional landscaped areas being added by the project	Irrigation Systems	Project Specific	6/1/2018	12/21/2017	N/A	District 4-SCL
HSIPL-5382 (034)		California	Certification - Synchronization	Install new traffic signal controllers and associated signal timing program	Traffic Signal Equipment	Project Specific	5/30/2018	9/18/2017	N/A	District 11-SD
HSIPL-5275(029)		California	Certification - Synchronization	Replace existing permissive left-turn phases and signal heads with protected left turn phases and signal heads on existing poles with longer mast arms.	Traffic Signal Equipment	Multiple Projects	5/23/2018		N/A	District 8 -RIV
HSIPL-5275(031)		California	Certification - Synchronization	Replace existing permissive left-turn phases and signal heads with protected left turn phases and signal heads on existing poles with longer mast arms.	Traffic Signal Equipment	Multiple Projects	5/23/2018		N/A	District 8 -RIV
HSIPL-5946(174)		California	Certification - Synchronization	Install Tapco V-loc breakaway sign post anchor and associated Blinker Beacon System (Solar Panel & LED Beacon)	Traffic Control Device	Project Specific	5/29/2018		N/A	District 6-TUL
HSIPSTPL-5946(146)		California	Certification - Synchronization	Install Tapco V-loc breakaway sign post anchor and associated Blinker Beacon System (Solar Panel & LED Beacon)	Traffic Control Device	Project Specific	5/21/2018		N/A	District 6-TUL
HSIPL 5946(146)		California	Certification - Synchronization	McCain software for Model 170E Controller Assembly with software and Opticom Emergency Preemption System	Traffic Signal Equipment	Project Specific	1/26/2018		N/A	District 6-TUL
STPL-5006(860)		California	Certification - Synchronization	Use of Philips Softview soffit for underpass	Computer - Software	Project Specific	5/21/2018	6/28/2018	N/A	District 7 - LA
STPL-5006(860)		California	Certification - Synchronization	Use of plan specified LED lighting fixtures: Leotek Green Cobra	Lighting	Project Specific	5/21/2018	6/28/2018	N/A	District 7 - LA
STPL-5006(860)		California	Certification - Synchronization	Use of Philips City Touch Connector Node LV for switching of luminaires	Lighting	Project Specific	5/21/2018	6/28/2018	N/A	District 7 - LA
CML-5275(030)		California	Certification - Synchronization	Install new pavement along existing dirt roads. Work includes creating a centerline profile, adding curb and gutter and other drainage improvements.	Irrigation Systems	Project Specific	7/26/2018	9/19/2018	N/A	District 8 - RIV
HSIPL-5028(078)		California	Certification - Synchronization	Upgrade & replace 33 protected permissive signal heads with flashing yellow arrow displays. No digging, using existing conduits with City Right-of-Way.	Traffic Signal Equipment	Project Specific	10/10/18	8/14/2017	N/A	District 4 - SRO
HSIPL 5306 (027)		California	Certification - Synchronization	Install a GPS Optical LVP system would preempt Pedestrian Hybrid Beacon System at Harriet Avenue and McCoy Avenue in the presence of Fire Trucks.	Traffic Signal Equipment	Project Specific	9/17/2018	7/11/2014	N/A	District 4 - SCL
HSIP L 5306 (027)		California	Certification - Synchronization	Install a 24VDC battery backup system would provide battery backup for Pedestrian Hybrid Beacon System at Harriet Avenue and McCoy Avenue.	Traffic Signal Equipment	Project Specific	9/17/2018		N/A	District 4 - SCL
HSIPL 5306 (027)		California	Certification - Synchronization	Leotek LED streetlight fixture to be mounted on Pedestrian Hybrid Beacon System at Harriet Avenue and McCoy Avenue	Traffic Signal Equipment	Project Specific	10/9/2018		N/A	District 4 - SCL
HSIPL 5306 (027)		California	Certification - Synchronization	Naztec 980 TS-2 Type 2 Traffic Signal Controller to be used to operate the Pedestrian Hybrid Beacon System at Harriet Avenue and McCoy Avenue	Traffic Signal Equipment	Project Specific	9/17/2018		N/A	District 4 - SCL
HSIP-5946(161)		California	Certification - Synchronization	Install Tapco M2G-VP56N-X Vandal Proof Nut, 5/16-18 Tri-Groove Head, Zinc with Stainless Steel on all roadside signs with metal posts.	miscellaneous	Project Specific	9/13/2018	7/26/2016	N/A	District 6 - TUL
HSIPL - 5924(227)		California	Certification - Synchronization	Eliminate 2000 Traffic Signal Controllers and Actions Ethernet over copper communication devices to connect signal controllers to the County Traffic Controller.	Traffic Signal Equipment	Project Specific	9/11/2018	9/15/2015	N/A	District 3 - SAC
ATCMTDL 5006(870)		California	Certification - Synchronization	The project proposes to use a University of Berkeley PATH field tested Multi-Modal Intelligent Traffic Signal System (MMITSS-CA) to interface between DSRC radios and LADOT proprietary TSCP controller.	Traffic Signal Equipment	Project Specific	8/20/2018	8/29/2018	N/A	District 7 - LA
ATCMTDL 5006(870)		California	Certification - Synchronization	GridSmart cameras for vehicle and pedestrian detection.	Traffic Signal Equipment	Project Specific	8/20/2018	8/29/2018	N/A	District 7 - LA
ATCMTDL 5006(870)		California	Certification - Synchronization	The project proposes to use Synchromatics tracking tools and software onboard DASH buses to display synthesized LADOT signal data.	miscellaneous	Project Specific	8/7/2008	8/29/2018	N/A	District 7 - LA
BRLS 5928(123)		California	Certification - Synchronization	Construct northbound truck climbing lane, construct pavement widening, construct retaining walls and drainage features using Absorb 350 Crash Cushion	miscellaneous	Project Specific	8/20/2018	11/11/2018	N/A	District 4 - CC
BRLS 5928(123)		California	Certification - Synchronization	Construct northbound truck climbing lane, construct pavement widening, construct retaining walls and drainage features using Quadguard II Crash Cushion	miscellaneous	Project Specific	8/20/2018	11/11/2018	N/A	District 4 - CC
BRLS 5928(123)		California	Certification - Synchronization	Construct northbound truck climbing lane, construct pavement widening, construct retaining walls and drainage features using Alternative Flared Terminal System	miscellaneous	Project Specific	8/20/2018	11/11/2018	N/A	District 4 - CC
BRLS 5928(123)		California	Certification - Synchronization	Construct northbound truck climbing lane, construct pavement widening, construct retaining walls and drainage features using Alternative In-Line Terminal System	miscellaneous	Project Specific	8/20/2018	11/11/2018	N/A	District 4 - CC
STPL 5135 (054)		California	Certification - Synchronization	Install Revel Environmental Manufacturing Inc. REM TRITON Bioflex Guard (BFTG) Filter Full Trash Capture (FTC) Device as approved for full trash capture device at 11 locations within the project limits	miscellaneous	Project Specific	7/18/2018		N/A	District 4 - CC
ER 32L0(092)		California	Certification - Synchronization	Wire mesh stabilization system applied over reinforced slope face in conjunction with soils nails to repair a slope failure area.	miscellaneous	Project Specific	7/26/2018		N/A	District 3 - ED
ATCMTDL 6480(017)		California	Certification - Synchronization	Zebra WhereLAN readers and WherePort excitors are Radio Frequency Identification Device (RFID) technology components that read existing freight drayage truck battery-powered active RFID tags that enable the real-time precision tracking needed to access accurate, up-to-the second information on the location and status of assets.	miscellaneous	Project Specific	11/7/2018	8/28/2018	N/A	District 4 - ALM
ATCMTDL 6480(017)		California	Certification - Synchronization	Wireless Access Points and Ethernet Switches or various Cisco Networking Equipment will be used to interconnect traffic monitoring devices and maintenance personnel with the Port of Oakland.	Traffic Signal Equipment	Project Specific	11/7/2018	8/28/2018	N/A	District 4 - ALM
BRLSZD-5908(031)		California	Certification - Synchronization	Natina Reactive Color Treatment provides a brown, long term finish to galvanized steel. It is resistant to damage from the sun and matches the local aesthetics	miscellaneous	Project Specific	11/16/2018	3/23/2018	N/A	District 2 - TEH

FEDERAL-FUNDED PROJECT ID	TRACKING NUMBER	STATE	BASIS OF PARTICIPATION	PRODUCT/MATERIAL	PRODUCT CATEGORY	EXTENT	SUBMITTAL DATE	PARTICIPATION DATE	EXPIRATION DATE	COMMENTS
ATPL 5030(062)		California	Certification - No equally suitable alternate	Williams LED Stripe Light -- Retrofit existing FL light	Lighting	Project Specific	11/30/2018		N/A	District 4 - SOL
ER- 38Y0(002)		California	Certification - Synchronization	Acrow Bridge- Prefabricated modular steel panel truss bridge. Install a temporary prefabricated bridge to replace the existing bridge (Muholland Highway over Triunfo Creek) that was destroyed in the Woolsey Fire.	Miscellaneous	Project Specific	12/20/2018		N/A	District 7 - LA
ER- 38Y0(001)		California	Certification - Synchronization	MSKT-MGS/QuadGuard M-10/Natina Reactive--The MSKT-MGS guardrail end terminal and QuadGuard M-10 crash cushion and Natina Reactive Color Treatment. Install guardrail, crash cushion, and color treatment.	Safety Hardware	Project Specific	2/21/2019		N/A	District 7 - LA
CML-5961(010)		California	Certification - Synchronization	GTT Opticom - Emergency Priority Control Preemption System	Traffic Signal Equipment	Region/District Wide	2/21/2019		N/A	District 6 - KER
STPLZ-5012(037)		California	Certification - Synchronization	Trinity Highway Products (Energy Absorption System) Quad II Crash Cushion, Model Number QG27024	Miscellaneous	Project Specific	2/21/2019	3/19/2014	N/A	District 4 - ALA-Oak
HSIPL - 5433(017)		California	Certification - Synchronization	Hirschmann and Cisco - Hirschmann Ethernet Switches were selected for the use of the edge switches and aggregate switches. Cisco was selected for the core switch	Miscellaneous	Project Specific	2/20/2019	7/29/2016	N/A	District 8 - RIV
ATCMTDL 6480(017)		California	Certification - Synchronization	Pan-Tilt-Zoom (PTZ) Security Camera - Furnish and install Bosch Autodorne 7000 HD (Starlight) PTZ Security Camera.	Miscellaneous	Project Specific	2/25/2019	8/28/2018	N/A	District 4 - ALA
HSIPL 5483(003)		California	Certification - Synchronization	McCain, Inc. 2070 ATC Traffic Signal Controller -- Install wireless interconnect system including radios, controllers and related communication equipment.	Traffic Signal Equipment	Project Specific	1/7/2019		N/A	District 8 - RIV
HSIPL 5483(004)		California	Certification - Synchronization	McCain, Inc. Traffic Signal Controller - Product operates the functionality of traffic signals at signalized intersections. Install wireless interconnect system including radios, controllers and related communication equipment.	Traffic Signal Equipment	Project Specific	1/7/2019		N/A	District 8 - RIV
STP 6264(065)		California	Certification - Synchronization	WeatherTrak Smart Controller - Landscaping irrigation system water controller	Irrigation Systems	Project Specific	1/25/2019	11/21/2014	N/A	District 4 - SCI
STP 6084(216)		California	Certification - Synchronization	McCain GPS Modules - GPS Modules are microprocessor-based Universal Time Base (UTB) devices that provide accurate time-of-day information for traffic signal controllers. The module retrieves time signals from the GPS satellite network.	Traffic Signal Equipment	Project Specific	1/24/2019	11/30/2017	N/A	All District 4
CML 5306(029)		California	Certification - Synchronization	Carmanah R920 RRFB system is to be mounted on a Type 15 pole at Eden Avenue and Rosemary Ln to serve as the pedestrian warning system for the intersection.	Safety Hardware	Project Specific	1/15/2019		N/A	District 4 - SCL
CML 5306(029)		California	Certification - Synchronization	Leotek LED streetlight fixture to be mounted on a Type 15 pole for the Pedestrian RRFB system at Eden Avenue and Rosemary Lane to serve as safety lighting for the intersection.	Lighting	Project Specific	1/3/2019		N/A	District 4 - SCL
HSIP 5002(184)		California	Certification - Synchronization	ATC eX2 NEMA Controller - ATC eX2 NEMA traffic signal controller. This controller will support the Legacy software the City is using, and it will seamlessly interface with existing legacy hardware.	Traffic Signal Equipment	Project Specific	1/11/2019	5/11/2016	N/A	District 3 - SAC
HSIP 5002(184)		California	Certification - Synchronization	Fourth Dimension (D4) traffic signal software - The Fourth Dimension (D4) traffic signal software provides transit priority capabilities and operation of the signalized intersection with synchronization of the City Traffic Operation Center.	Traffic Signal Equipment		1/16/2019	5/11/2016	N/A	District 3 - SAC
HSIP 5002(185)		California	Certification - Synchronization	Fourth Dimension (D4) traffic signal software - The Fourth Dimension (D4) traffic signal software provides transit priority capabilities and operation of the signalized intersection with synchronization of the City Traffic Operation Center.	Traffic Signal Equipment		1/8/2019	5/11/2016	N/A	District 3 - SAC
HSIP 5002(185)		California	Certification - Synchronization	Global Traffic Technologies (GTT) Emergency Vehicle Detector System - The GTT system provides tracking of emergency vehicles and preemption of traffic signal intersections. The GTT system activates the preemption of a traffic signal based upon estimated time of arrival or distance and synchronizes with the traffic signal.	Traffic Signal Equipment		1/8/2019	5/11/2016	N/A	District 3 - SAC
HSIP 5002(185)		California	Certification - Synchronization	Cisco Network Switch - The Cisco Network Switch provides communication and synchronization of the traffic signal with the city Traffic Operation Center	Traffic Signal Equipment		1/8/2019	5/11/2016	N/A	District 3 - SAC
HSIPL 5007(078)		California	Certification - Synchronization	Ameron Concrete Pole & Cree RSWS LED Luminaire - Ameron Flat Sided Concrete Pole -- Type B: Cree Luminaire is a Stock Cobra head 50W series LED street light	Miscellaneous	Project Specific	12/6/2019		N/A	District 5 - SB
HSIPL 5007(074)		California	Certification - Synchronization	Ameron Concrete Pole & Cree RSWS LED Luminaire - Ameron Flat Sided Concrete Pole -- Type B: Cree Luminaire is a Stock Cobra head 50W series LED street light	Miscellaneous	Project Specific	12/6/2019	8/22/2016	N/A	District 5 - SB
STPL 5006(861)		California	Certification - Synchronization	Lumec Domus DMS50 - LED fixtures providing specific intensity and lighting	Lighting	Project Specific	12/4/2019		N/A	District 7 - LA
STPL 5006(861)		California	Certification - Synchronization	Phillips City Touch Connector Node LV - The node is part of the Phillips City Touch lighting management system and is installed on a fixture to provide remote monitoring of operation status and dimming/on/off of the fixture.	Lighting	Project Specific	12/4/2019		N/A	District 7 - LA
BRLO 5925 (094)		California	Certification - Synchronization	Natina Steel stain - used to stain galvanized surfaces such as guardrail and create a permanent rusty brown finish.	Miscellaneous	Project Specific	6/27/2018	5/31/2011	N/A	District 3 - ED
ATCMTDL 6480(017)		California	Certification - Synchronization	Itevis VangageNext Camera	Traffic Signal Equipment	Project Specific	3/7/2019	8/28/2018	N/A	District 4-ALA
CML 5953 (744)		California	Certification - No equally suitable alternate	3M Reflective film and over-laminate; 3M Scotchcal-- use on wayfinding signage	Traffic Signal Equipment	Project Specific	3/13/2019		N/A	District 7-LA
HSIP 5412(014)		California	Certification - Synchronization	Cisco, Econolite, Polara, Bosch -- Equipment for signal controllers, cabinets and video detection.	Traffic Signal Equipment	Project Specific	3/22/2019		N/A	District 8-RIV
HSIP 5412 (015)		California	Certification - Synchronization	Cisco, Econolite, Polara -- Equipment for signal controllers, cabinets and video detection.	Traffic Signal Equipment	Project Specific	3/23/2019		N/A	District 8-RIV
ER - 38Y0 (003)		California	Certification - Synchronization	MSKT-MGS/Natina Reactive -- Installaiton of guardrail end terminals and coating.	Miscellaneous	Project Specific	3/13/2019		N/A	District 7-LA
ER - 38Y0 (004)		California	Certification - Synchronization	MSKT-MGS/Natina Reactive -- Installaiton of guardrail end terminals and coating.	Miscellaneous	Project Specific	3/11/2019		N/A	District 7-LA
ATPCML 5037(028)		California	Certification - Synchronization	Axis P3225-LVE and Altronix (NEMA4) -- Security camera system for monitorization	Miscellaneous	Project Specific	4/3/2019		N/A	District 3-BUT
HSIPL 5430 (033)		California	Certification - Synchronization	McCain, Itevis, Wavetronix, Polara -- Equipment for cabinets, signal controllers and video detection.	Traffic Signal Equipment	Project Specific	4/4/2019		N/A	District 8-RIV
STP 6084(227)		California	Certification - No equally suitable alternate	Miovision Technologies -- Trafficlink System(STSPMs): Equipment for installing an automated traffic signal performance measures system	Traffic Signal Equipment	Project Specific	4/12/2019		N/A	District 4-SF
STPL 5002 (196)		California	Certification - Synchronization	Axis CCTV Camera -- Installation of the camera inside of traffic signal traffic signal.	ITS Hardware or System	Project Specific	4/11/2019		N/A	District 3-SAC
STPL 5002 (196)		California	Certification - Synchronization	McCain traffic signal conroller with Fouth Dimension (D4) traffic signal software	ITS Hardware or System	Project Specific	4/11/2019		N/A	District 3-SAC

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STPL 5002 (196)		California	Certification - Synchronization	Corning Fiber Optic Cable Fiber Patch Panel -- For traffic signal operations.	ITS Hardware or System	Project Specific	4/16/2019		N/A	District 3-SAC
STPL 5002 (196)		California	Certification - Synchronization	Global Traffic Technologies (GTT) Emergency Vehicle Detector System - The GTT system provides tracking of emergency vehicles and preemption of traffic signal intersections. The GTT system activates the preemption of a traffic signal based upon estimated time of arrival of distance and synchronizes with the traffic signal.	ITS Hardware or System	Project Specific	4/11/2019		N/A	District 3-SAC
STPL 5002 (196)		California	Certification - Synchronization	Cisco Network Switch, Tripp-Lite Power Protection Surge Suppressor -- The switch is necessary for integration/synchronization with traffic signal operations. The Tripp-Lite power surge suppressor is a proven product that works with the traffic signal controller, traffic signal cabinet and the network switch.	ITS Hardware or System	Project Specific	4/11/2019		N/A	District 3-SAC
BRLO 5007 (063)		California	Certification - Synchronization	Type B-16 Street Light Pole -- Light pole with luminaire.	Lighting	Project Specific	4/17/2019	11/1/2018	N/A	District 5 - SB
CML 5950 (454)		California	Certification - Synchronization	McCain, Transparency, Omni eX, Tranparit Adaptive -- Traffic Central Office Software, Intersection Control software, and Adaptive Synchronization	ITS Hardware or System	Project Specific	4/19/2019	4/5/2019	N/A	District 6-Kern
CML 5950 (457)		California	Certification - Synchronization	McCain, Transparency, Omni eX, Tranparit Adaptive -- Traffic Central Office Software, Intersection Control software, and Adaptive Synchronization	ITS Hardware or System	Project Specific	4/19/2019	4/5/2019	N/A	District 6-Kern
5059 (230)		California	Certification - Synchronization	VI-DEN/8-A2-DCT/12-VSC-68W-LED-19C-118-20C-AB -- For City 68 W Decorative Dual-Head Post Top LED Street Light	Lighting	Project Specific	4/23/2019		N/A	District 10-STAN
5059 (230)		California	Certification - Synchronization	VI-NC-A2-OCT/98"-VSC-68W-LED-19C-21C-118-22C-AB -- City 68W Decorative Dual-Head Post Top LED Street Light on Barrier	Lighting	Project Specific	4/23/2019		N/A	District 10-STAN
5059 (230)		California	Certification - Synchronization	VI-NC-1OCT/3'-19C-21C-VSC-68W-118-22C -- City 68W Decorative Dual-Head Post Top LED Street Light on Barrier	Lighting	Project Specific	4/23/2019		N/A	District 10-STAN
5059 (230)		California	Certification - Synchronization	VI-DEN/8-1-OCT/12'-19C-21C-VSC-68W-118-22C -- City 68W Decorative single-Head Post Top LED Street Light	Lighting	Project Specific	4/23/2019		N/A	District 10-STAN
5059 (230)		California	Certification - Synchronization	LED Cree XSP2-101W Type III BXSP-B-HT-3ME-B-40K-JL-SV-N-Q9 or Leotek-GC1-80C-MV-NW-NW-3M-GY-530Ma	Lighting	Project Specific	4/23/2019		N/A	District 10-STAN
STPL 5306 (031)		California	Certification - No equally suitable alternate	PreMark with Vizigrip Skid/Slip Resistant (90 mil) -- For green bike lane installation.	Miscellaneous	Project Specific	4/29/2019		N/A	District 4-SCL
STPL 5006 (853)		California	Certification - No equally suitable alternate	Hadco Solaron -- hadco Retrofit for solar provides specific color temperature and lighting distribution patterns required by this project	Lighting	Project Specific	5/2/2019		N/A	District 7-LA
STPL 5006 (853)		California	Certification - Synchronization	Phillips City Touch Connector Node LV - The node is part of the Phillips City Touch lighting management system and is installed on a fixture to provide remote monitoring of operation status and dimming/on/off of the fixture.	Lighting	Project Specific	5/2/2019		N/A	District 7-LA
HSIPL 5203 (046)		California	Certification - Synchronization	Polara Pedestrian Push Button -- Push buttons and hardware will be installed with traffic signal equipment at intersections. Polara pedestrian push-buttons are accessible pedestrian signal (APS) compliant.	Traffic Signal Equipment	Project Specific	5/2/2019		N/A	District 11-CHV
DEMOL 5307 (028)		California	Certification - Synchronization	Econlite -- RS232 Fiber Optic Modem. Installing fiber optic cable to provide connectivity to the City's Traffic Management Center, etc.	Traffic Signal Controller	Project Specific	5/2/2019		N/A	District 8-FNA
DEMOL 5307 (028)		California	Certification - Synchronization	Optical Repeater Modem. Installing fiber optic cable to provide connectivity to the City's Traffic Management Center, etc.	Traffic Signal Equipment	Project Specific	5/2/2019		N/A	District 8-FNA
DEMOL 5307 (028)		California	Certification - Synchronization	Econlite -- DB 9 pin to 25 pin Connecting Cable. Installing fiber optic cable to provide connectivity to the City's Traffic Management Center, etc.	Traffic Signal Equipment	Project Specific	5/2/2019		N/A	District 8-FNA
DEMOL 5307 (028)		California	Certification - Synchronization	Cisco -- Catalyst 9500 40 port XFP 10/20/40 port/100G ESSEN. Installing fiber optic cable to provide connectivity to the City's Traffic Management Center, etc.	Traffic Signal Equipment	Project Specific	5/2/2019		N/A	District 8-FNA
DEMOL 5307 (028)		California	Certification - Synchronization	Sony CCDs -- Pan tilt zoom (PTZ) Camera System. Installing fiber optic cable to provide connectivity to the City's Traffic Management Center, etc.	Traffic Signal Equipment	Project Specific	5/2/2019		N/A	District 8-FNA
HSIPL 5282 (046)		California	Certification - Synchronization	Wusau, Temple, Iteris, McCain, Polara -- Removal and replacement of specified existing traffic signal equipment, controller cabinet and controller upgrades and so on.	Traffic Signal Equipment	Project Specific	6/19/2019		N/A	District 8-RIV
BHKS 5166 (025)		California	Certification - Synchronization	DuMor Bench 39 -- Installation of new park furnishings including specified benches.	miscellaneous	Project Specific	7/2/2019		N/A	District 4-MRN
FERPL17 5203 (050)		California	Certification - Synchronization	GTT Model 764, GTT GPS Antenna, GTT Auxiliary Panel, and GTT Model 721 -- Emergency vehicle pre-emption system software	Traffic Signal Equipment	Project Specific	7/25/2019		N/A	District 11-CHV
FERPL17 5203 (050)		California	Certification - Synchronization	McCain OmniEx -- Traffic signal controller software	Traffic Signal Equipment	Project Specific	7/25/2019		N/A	District 11-CHV
FERPL17 5203 (050)		California	Certification - Synchronization	Polara Pedestrian Push Button	Traffic Signal Equipment	Project Specific	7/25/2019		N/A	District 11-CHV
FERPL17 5203 (050)		California	Certification - No equally suitable alternate	PreMark Preformed Thermoplastic --Heavy duty intersectin grade material designed to increase the life of installed pavement markings.	Pavement Markings	Project Specific	7/19/2019		N/A	District 11-CHV
HSIPL 5203 (048)		California	Certification - No equally suitable alternate	McCain OmniEx -- Traffic signal controller software	Traffic Signal Equipment	Project Specific	7/26/2019		N/A	District 11-CHV
HSIPL 5203 (048)		California	Certification - No equally suitable alternate	Polara Pedestrian Push Button	Traffic Signal Equipment	Project Specific	7/26/2019		N/A	District 11-CHV
HSIPL 5203 (048)		California	Certification - No equally suitable alternate	PreMark Preformed Thermoplastic --Heavy duty intersectin grade material designed to increase the life of installed pavement markings.	Pavement Markings	Project Specific	7/26/2019		N/A	District 11-CHV
HSIPL 5203 (048)		California	Certification - Synchronization	GTT Model 764, GTT GPS Antenna, GTT Auxiliary Panel, and GTT Model 721 -- Emergency vehicle pre-emption system software	Traffic Signal Equipment	Project Specific	7/26/2019		N/A	District 11-CHV
HSIPL 5059 (204)		California	Certification - Synchronization	GPS Radio Unit and Preemption Vehicle Kits -- used for bus transit preemption.	Traffic Control Device	Project Specific	8/1/2019		N/A	District 10-MOD

*The date when FHWA approves the form E-76 or when FHWA approves the proprietary product work plan.

** Superseded