

Attachment A - Recommended Projects and Programs Sorted by Implementation Order

ID	Description	Lead Agency	Initial Cost	Ongoing Cost/Yr	Project Type	Comment	Group	Cumulat. Init Cost	Implemnt. Order
S6001	Regional Transportation Operations Personnel Service (RTOPS)	VTA	\$500,000	\$500,000	Operations, Management, and Maintenance	Aimed at addressing most common need identified	1	\$500,000	Short Term
S6002	Regional ITS Maintenance Service	VTA	\$200,000	\$200,000	Operations, Management, and Maintenance	Aimed at addressing most common need identified	1	\$700,000	Short Term
S2001	San Jose Proactive Signal Timing	City of San Jose	\$25,000,000	\$2,500,000	Corridor mobility improvement	Cost of program is \$1.0 million per year over 25 years. Cost should also include City of San Jose Staff time on MTC's RSTP projects.	2	\$25,700,000	Short Term
S101	Hamilton/Bascom ITS (cameras and fiber optics communications)	City of Campbell	\$390,000	\$39,000	Traffic Surveillance & Communications		4	\$26,090,000	Short Term
S1402	Sunnyvale CCTV Cameras	City of Sunnyvale	\$1,060,000	\$106,000	Traffic Surveillance		4	\$27,150,000	Short Term
S1301	Saratoga Signal System Upgrade and Cameras - Phase II	City of Saratoga	\$200,000	\$20,000	Signal System & Traffic Surveillance		3	\$27,350,000	Short Term
S2016	Monterey Hwy ITS (signal upgrade, interconnect, and CCTV cameras)	City of San Jose	\$4,800,000	\$480,000	Signal system, & Traffic Surveillance		3	\$32,150,000	Short Term
S2017	Coyote Valley ITS - signals upgrade, interconnect, CCTV cameras	City of San Jose	\$6,000,000	\$600,000	Signal system, & Traffic Surveillance		3	\$38,150,000	Short Term

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S307	Santa Teresa Blvd Cameras at 5 or 6 Intersections	City of Gilroy	\$2,000,000	\$200,000	Traffic Surveillance	This project was listed as project S3003 in VTP 2030. Recently, this segment of roadway was relinquished to the City of Gilroy and now is a Gilroy project.	4	\$40,150,000	Short Term
S3005	Capitol Expressway ITS (signal upgrade and CCTV cameras)	County of Santa Clara	\$3,500,000	\$350,000	Signal System & Traffic Surveillance		3	\$43,650,000	Short Term
S5006	SV-ITS Hybrid Analog/Digital Video System	SV-ITS Program (City of San Jose)	\$200,000	\$20,000	Traffic Operations Center Enhancement		4	\$43,850,000	Short Term
S2015	San Jose Mobile Video Surveillance for Emergency Response	City of San Jose	\$250,000	\$25,000	Emergency Response System		6	\$44,100,000	Short Term
S4010	Caltrans I-880 Corridor TOS Elements and Ramp Metering	Caltrans	\$5,400,000	\$540,000	Traffic Operations System		3	\$49,250,000	Short Term
S4020	Caltrans I-680 Corridor TOS Elements and Ramp Metering	Caltrans	\$5,400,000	\$540,000	Traffic Operations System		3	\$54,650,000	Short Term
S4030	Caltrans SR 237 Corridor TOS Elements and Ramp Metering	Caltrans	\$5,700,000	\$570,000	Traffic Operations System		3	\$60,350,000	Short Term
S4040	Caltrans SR 85 Corridor TOS Elements and Ramp Metering	Caltrans	\$4,800,000	\$480,000	Traffic Operations System		3	\$65,150,000	Short Term
S4050	Caltrans I-280 Corridor TOS Elements and Ramp Metering	Caltrans	\$2,200,000	\$220,000	Traffic Operations System		3	\$67,350,000	Short Term
S4060	Caltrans US 101 Corridor TOS Elements and Ramp Metering	Caltrans	\$3,000,000	\$300,000	Traffic Operations System		3	\$70,350,000	Short Term

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S6010A	VTA Transit ITS - Short Term	VTA	\$13,500,000	\$646,000	Transit	See separate report on transit ITS	2	\$83,850,000	Short Term
S1001	Citywide Traffic Signal upgrade and IP Traffic signal access	City of Mountain View	\$2,500,000	\$250,000	Communications		3	\$86,350,000	Short Term
S102	Campbell Traffic Signal System Upgrade - controllers, central	City of Campbell	\$380,000	\$38,000	Signal system project		3	\$86,730,000	Short Term
S1102	Citywide Traffic Signal System Upgrades	City of Palo Alto	\$1,800,000	\$180,000	Signal system project		3	\$88,530,000	Short Term
S1201	Santa Clara (City) Traffic Signals Upgrade - cabinets, controllers	City of Santa Clara	\$3,190,000	\$319,000	Signal system project		3	\$91,720,000	Short Term
S1403	Sunnyvale Traffic Signal Controller Update	City of Sunnyvale	\$560,000	\$56,000	Signal system project		3	\$92,280,000	Short Term
S2005	San Jose Signal Upgrades - cabinets and controllers	City of San Jose	\$3,000,000	\$300,000	Signal system project		3	\$95,280,000	Short Term
S302	Gilroy Traffic Signal System Upgrade	City of Gilroy	\$3,900,000	\$390,000	Signal system project		3	\$99,180,000	Short Term
S600	Los Gatos Traffic Signal System Upgrade - controllers, central	Town of Los Gatos	\$300,000	\$30,000	Signal system project		3	\$99,480,000	Short Term
S702	Milpitas Traffic Signal System Upgrade - controllers, central	City of Milpitas	\$750,000	\$75,000	Signal system project		3	\$100,230,000	Short Term
S903	Citywide wireless vehicle detection system installation	City of Morgan Hill	\$900,000	\$90,000	Signal system project		3	\$278,355,000	Short Term
S2003	Integration of Silicon Valley TMC and San Jose Police CAD System	City of San Jose	\$2,000,000	\$200,000	Traffic Operations Center Integration		4	\$202,935,000	Short Term

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S2014	Construction Information Management System	City of San Jose	\$100,000	\$10,000	Traffic Operations Center Enhancement		4	\$206,435,000	Short Term
S1302	Citywide Accessible Pedestrian Signals	City of Saratoga	\$1,400,000	\$140,000	Improve pedestrian access & safety		2	\$2,300,000	Medium Term
S3007	Adaptive Pedestrian Timing - variable FDW by detecting ped in xwalk	County of Santa Clara	\$1,000,000	\$100,000	Improve pedestrian access & safety		2	\$30,405,000	Medium Term
S3008	Expressway Bicycle Detection	County of Santa Clara	\$2,080,000	\$208,000	Bicycle accommodation		2	\$32,485,000	Medium Term
S308	Gilroy Community Bus Signal Priority	City of Gilroy	\$400,000	\$40,000	Transit Priority		2	\$32,885,000	Medium Term
S6010B	VTA Transit ITS - Medium Term	VTA	\$3,500,000	\$280,000	Transit	See separate report on transit ITS	2	\$49,885,000	Medium Term
S1000	Rengstorff Avenue Corridor Traffic Signal System Upgrade	City of Mountain View	\$400,000	\$40,000	Signal system project		3	\$65,435,000	Medium Term
S1002	Grant Road Adaptive Traffic Signals	City of Mountain View	\$1,350,000	\$135,000	Signal system project		3	\$69,285,000	Medium Term
S1003	Shoreline Blvd Adaptive Traffic Signals	City of Mountain View	\$1,650,000	\$165,000	Signal system project		3	\$70,935,000	Medium Term
S2021	Winchester/Stevens Creek Area Advance Traffic Management System	City of San Jose	\$2,000,000	\$200,000	Signal system project		3	\$108,405,000	Medium Term
S2022	Eastridge/Evergreen Area Advance Traffic Management System	City of San Jose	\$4,000,000	\$400,000	Signal system project		3	\$112,405,000	Medium Term

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S2023	Eastridge/Evergreen Area Advance Traffic Management System	City of San Jose	\$2,000,000	\$200,000	Signal system project		3	\$114,405,000	Medium Term
S300	City of Gilroy Adaptive Traffic Control System	City of Gilroy	\$900,000	\$90,000	Signal system project		3	\$115,305,000	Medium Term
S304	10th + Downtown Signals Upgrade - controllers, adaptive, detectors	City of Gilroy	\$1,500,000	\$150,000	Signal system project		3	\$129,205,000	Medium Term
S305	Hwy 152 (C/T) Signal System Upgrade - controllers, adaptive, detectors	City of Gilroy	\$2,300,000	\$230,000	Signal system project		3	\$131,505,000	Medium Term
S5004	Silicon Valley - ITS Program Upgrades	SV-ITS Program (City of San Jose)	\$27,000,000	\$2,700,000	Signal System Upgrade & Traffic Operations Center Enhancement		3	\$159,505,000	Medium Term
S104	Reactivation of Traffic Count Stations	City of Campbell	\$100,000	\$10,000	Traffic Surveillance		4	\$188,025,000	Long Term
S1103	Citywide Traffic Signal CCTV/EVPP	City of Palo Alto	\$1,400,000	\$140,000	Traffic Surveillance		4	\$189,425,000	Long Term
S902	Citywide Traffic Signal Operations Center	City of Morgan Hill	\$1,250,000	\$125,000	Traffic Operations Center		4	\$190,675,000	Long Term
S1202	Santa Clara (City) Transportation Management Center Upgrade	City of Santa Clara	\$350,000	\$35,000	Traffic Operations Center Enhancement		4	\$191,025,000	Long Term
S2008	San Jose Downtown ITS Integration with Caltrans TOS	City of San Jose	\$2,000,000	\$200,000	Traffic Operations Center Integration		4	\$204,935,000	Long Term

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S2020	Silicon Valley TIMC - Ramp Metering Integration (ADD)	City of San Jose	\$8,000,000	\$800,000	Traffic Operations Center Integration		4	\$214,435,000	Long Term
S3001A	SCC Motorist Information & Traffic Monitoring	County of Santa Clara	\$5,000,000	\$500,000	Traveler Information & Traffic Surveillance		4	\$219,435,000	Long Term
S301	Gilroy Event Management System - dynamic message signs	City of Gilroy	\$900,000	\$90,000	Traveler Information		4	\$220,835,000	Long Term
S2004	San Jose Traffic Signal Interconnect	City of San Jose	\$10,000,000	\$1,000,000	Communications		5	\$238,615,000	Long Term
S2011	Brokaw/Hostetter Signal Interconnect	City of San Jose	\$4,000,000	\$400,000	Communications		5	\$262,615,000	Long Term
S309	Gilroy Downtown Parking Management System	City of Gilroy	\$300,000	\$30,000	Parking Management System		6	\$277,455,000	Long Term
S104	City of Campbell Countdown Pedestrian Signal Heads	City of Campbell	\$200,000	\$20,000	Improve pedestrian access & safety		2	\$900,000	Long Term
S2012	San Jose Red Light Enforcement Sys	City of San Jose	\$500,000	\$50,000	Safety Enhancements		2	\$27,800,000	Long Term
S2024	San Jose Replacement of Electronic "No Right Turn" at LRT crossings	City of San Jose	\$65,000	\$6,500	Safety Enhancements		2	\$27,865,000	Long Term
S3004	County Expressway Adaptive Bicycle Timings (bike detection and longer min green)	County of Santa Clara	\$1,040,000	\$104,000	Bicycle accommodation		2	\$28,905,000	Long Term
S3006	County Expressway Countdown Pedestrian Signal Heads	County of Santa Clara	\$500,000	\$50,000	Improve pedestrian access & safety		2	\$29,405,000	Long Term

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S1401	Sunnyvale Adaptive Traffic Signal System on Major Arterials	City of Sunnyvale	\$3,320,000	\$332,000	Signal system project		3	\$86,045,000	Long Term
S2007	San Jose Downtown ITS Upgrade and Expansion	City of San Jose	\$3,000,000	\$300,000	Traffic Signal Equipment Enhancements		3	\$92,605,000	Long Term
S2010	King/Story Adaptive Signal System	City of San Jose	\$3,000,000	\$300,000	Signal system project		3	\$95,605,000	Long Term
S3001B	Coordinate Expressway Signals with City/Caltrans Signals on Cross Street	County of Santa Clara	\$5,000,000	\$500,000	Signal system project		3	\$120,305,000	Long Term
S306	Gilroy Other Signals Upgrade - controllers, adaptive, detectors	City of Gilroy	\$1,000,000	\$100,000	Signal system project		3	\$132,505,000	Long Term
S701	S Milpitas Boulevard Smart Corridor	City of Milpitas	\$480,000	\$48,000	Signal System & Traffic Surveillance		3	\$160,285,000	Long Term
S1404	Sunnyvale Count and Speed Monitoring Stations	City of Sunnyvale	\$1,100,000	\$110,000	Traffic Surveillance		4	\$193,185,000	Long Term
S1406	Sunnyvale TMC Integration	City of Sunnyvale	\$250,000	\$25,000	Traffic Operations Center Integration		4	\$193,435,000	Long Term
S2002	Silicon Valley Transportation Management Center	City of San Jose	\$7,500,000	\$750,000	Traffic Operations Center	San Jose has secured federal earmark to at least partially fund this project	4	\$200,935,000	Long Term
S2009	San Jose Motorist Information System Upgrade - replace 9 CMS	City of San Jose	\$1,400,000	\$140,000	Traveler Information System Upgrades		4	\$206,335,000	Long Term
S3001D	Automatic Traffic Count Collection	County of Santa Clara	\$500,000	\$50,000	Traffic Surveillance		4	\$219,935,000	Long Term

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S103	Winchester Boulevard ITS - conduit, fiber	City of Campbell	\$400,000	\$40,000	Communications		5	\$223,435,000	Long Term
S3001C	Interface with Sunnyvale, Palo Alto, Mountain View, and Los Altos Traffic Signal Interconnect Systems	County of Santa Clara	\$2,500,000	\$250,000	Communications		5	\$265,115,000	Long Term
S5005	SV-ITS Wide Area Network Upgrade	SV-ITS Program (City of San Jose)	\$700,000	\$70,000	Communications		5	\$265,815,000	Long Term
S5007	SV-ITS Connection to Sunnyvale	SV-ITS Program (City of San Jose)	\$3,500,000	\$350,000	Communications		5	\$269,315,000	Long Term
S1407	Emergency Preemption Receiver Installation	City of Sunnyvale	\$990,000	\$99,000	Emergency Response System		6	\$270,305,000	Long Term
S2018	San Jose Emergency Vehicle Preemption Expansion	City of San Jose	\$6,600,000	\$660,000	Emergency Response System		6	\$277,155,000	Long Term
S6010C	VTA Transit ITS - Long Term	VTA	\$15,150,000	\$600,000	Transit	See separate report on transit ITS	2	\$65,035,000	Long Term
S303	Gilroy Flood Watch Cameras	City of Gilroy	\$510,000	\$51,000	Other		7	\$278,865,000	Long Term
S1200	Santa Clara (City) Communications Network Upgrade	City of Santa Clara	\$3,490,000	\$349,000	Communications		5	\$226,925,000	Low Priority
S1405	Sunnyvale ITS Communications Infrastructure	City of Sunnyvale	\$1,690,000	\$169,000	Communications		5	\$228,615,000	Low Priority
S1101	Palo Alto Smart Residential Arterials	City of Palo Alto	\$6,220,000	\$622,000	Signal system project		3	\$77,535,000	Low Priority

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S2006	San Jose ITS Communications Network Expansion - beyond signals	City of San Jose	\$20,000,000	\$2,000,000	Communications		5	\$258,615,000	Low Priority