

# Projects By Sponsor

<i>Stakeholder</i>	<i>Category</i>	<i>Project Name</i>	<i>Project Description</i>	<i>Project Status</i>	<i>ITS Service Diagram</i>
AC Transit					
	Transit Security	Alternate Emergency Computer Center for Operational Continuity	Transit emergency management	Future	N/A
	Transit Management	Automated Bus Routing	Automated bus routing system to accommodate real time demand	Future	APTS02-01
	Transit Management	Automated Bus Routing	Automated bus routing system to accommodate real time demand	Future	APTS03-1
	Transit Management	Automated Passenger Counter (APC) Upgrade/Expansion	Upgrade and expand automated passenger counting system to full fleet.	Ongoing	APTS10-1
	Transit Management	Automated Passenger Counters (APC)	Passenger counting system on part of fleet.	Existing	APTS10-1
	Transit Vehicle Priority	Bus Signal Priority	Allow transit vehicles higher priority at intersections	Ongoing	APTS09-01
	On-Vehicle Safety System	Collison Avoidance and Automated Docking Systems	Vehicle on-board safety system	Future	APTS09-01
	Transit Management	Enhanced Operations and Data Analysis	Analyzing transit management data for better performance	Future	AD1-4
	Transit Information	Fleetwide Automatic Vehicle Location (AVL) Systems	Transit vehicle automated location system	Ongoing	APTS01-1
	Transit Management	Geospatial Information Systems Enhancement	Transit Management with GIS	Future	N/A
	Transit Management	Integrated Central Dispatch and Emergency Operations	Facility functions as an EOC during emergencies. Agencies would include any agencies that would utilize the EOC during emergencies.	Future	APTS02-01
	Transit Management	Integrated Central Dispatch and Emergency Operations	Facility functions as an EOC during emergencies. Agencies would include any agencies that would utilize the EOC during emergencies.	Future	EM09-1
	ITS Integration	Interagency Communications Upgrade and Rebuild	Mesh network, enhanced capability, etc.	Future	N/A
	Transit Management	Mobile Command Bus	Transit vehicle communication and control system	Future	APTS05-01
	Transit Management	Next Generation On-Board Surveillance	Security surveillance system inside the vehicle	Future	APTS05-01
	Transit Information	Real-time Bus Arrival Information	Real time bus arrival time information	Ongoing	APTS08-01
	Transit Information	Real-Time Passenger Seat Availability Information	System that identifies real-time vehicle occupancy	Future	APTS10-1
	Transit Management	Transit Planning Document Archival and Data Warehouse	Transit operation data archive	Future	AD1-4
	Transit Management	Transit Signal Priority (TSP) Feedback Capability	Transit Communication	Future	APTS09-01

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ACCMA	Transit Information	Voice Annunciator/ Light Emitting Diode (LED) Signs	Transit vehicle information annunciation and signing system	Ongoing	APTS08-01
	ITS Integration	Closed Circuit Television (CCTV) Camera Integration	CCTV camera image/data integration	Ongoing	ATMS01-01
	ITS Integration	Closed Circuit Television (CCTV) Camera Integration	CCTV camera image/data integration	Ongoing	ATMS03-01
	ITS Integration	East Bay SMART Corridor Advanced Transportation Management System (ATMS)	ATMS	Existing	ATMS01-03
	ITS Integration	East Bay SMART Corridor Advanced Transportation Management System (ATMS)	ATMS	Existing	ATMS03-03
	ITS Integration	I-580 and I-238 Intelligent Transportation System (ITS)	ITS integration between multiple corridors	Future	ATMS07-04
	ITS Integration	I-580 and I-238 Intelligent Transportation System (ITS)	ITS integration between multiple corridors	Future	ATMS08-05
	Toll Management	I-580 Demonstration High Occupancy Toll (HOT) Lane	HOV-Toll lane	Future	ATMS10-2
	Arterial Traffic Management; Freeway Traffic Management	I-80 Integrated Corridor Management	Integrated freeway and arterial coordination that will include CCTV cameras, CMS, variable advisory speed signs, ramp metering, trailblazers, vehicle detection, and alternative mode coordination	Future	ATMS07-11
	Arterial Traffic Management	Transportation Management Center	Arterial traffic management coordination	Future	ATMS07-03
Antioch	Freeway Traffic Management	Highway 4 Corridors Traffic Management Plan	Freeway traffic management coordination	Ongoing	ATMS06-09
	Freeway Traffic Management	Highway 4 Corridors Traffic Management Plan	Freeway traffic management coordination	Ongoing	ATMS07-09
	Freeway Traffic Management	Highway 4 Corridors Traffic Management Plan	Freeway traffic management coordination	Ongoing	ATMS08-10
BART	Arterial Traffic Management	Closed Circuit Television (CCTV) Deployment	Transit system CCTV camera deployment	Existing	APTS05-02
	Transit Management	EZ Rider Smart Card - transition to TransLink Smart Card Implementation	Transit fare collection system	Ongoing	APTS04-02
	Transit Management	Fare Collection System	Transit fare collection system	Existing	APTS04-02
	Transit Management	Radio Communications	Transit vehicle radio communication	Existing	APTS02-02
	ITS Integration	Real-Time Information System	Transit system real time information	Ongoing	APTS08-03

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	Transit Management	Station Database/E-BART	Bart extension to East Contra Costa County with associated transit management	Existing	AD1-4
	Transit Management	Train Arrival Signs and Annunciator System	Transit vehicle arrival sign and annunciation system for the travelers	Existing	APTS08-03
	Transit Information	Trip Planning	Transit trip planning and connection information	Existing	APTS08-03
	Transit Information	Website (www.bart.gov) Dynamic Transit Information	Transit information website	Existing	APTS08-03
<b>Benicia</b>					
	Transit AVL/CAD	Automated Vehicle Locator	Monitoring bus locations for dispatch purposes	Future	APTS01-6
	Traveler Information	Destination Signs	Public Information	Existing	APTS08-11
	Transit Management	Fareboxes, Probe, and Computer Program	Improve the reliability of data from fareboxes	Future	APTS4-12
	Transit Management	Radios	Improve communications between buses	Future	APTS02-11
	Transit Management	Scheduling Software	Scheduling paratransit trips throughout service area	Future	APTS03-5
	Transit Security	Security Cameras and Control Station	Enhance security on board buses	Future	APTS05-8
<b>Caltrain</b>					
	Transit Management	Automated Passenger Counters (APC)	Automated passenger counting system	Future	APTS10-2
	Transit AVL/CAD	Automated Vehicle Location (AVL)	Automated vehicle location system	Ongoing	APTS01-2
	Transit Information	Predictive Arrivals/Departures	Transit vehicle arrival and departure information	Ongoing	APTS01-2
	Transit Information	Predictive Arrivals/Departures	Transit vehicle arrival and departure information	Ongoing	APTS08-04
	Transit Information	Real-Time Information Collection and Dissemination	Transit real time information collection and dissemination system	Future	APTS01-2
	Transit Information	Real-Time Information Collection and Dissemination	Transit real time information collection and dissemination system	Future	APTS02-03
	Transit Information	Real-Time Information Collection and Dissemination	Transit real time information collection and dissemination system	Future	APTS08-04
	Transit Information	Train Arrival Signs and Annunciator System	Transit vehicle arrival information	Ongoing	APTS08-04
<b>Caltrans</b>					
	Transit Management	Bay Area Video Upgrade	Transit vehicles/infrastructure surveillance system upgrade	Future	APTS08-04
	Freeway Traffic Management	Caltrans Highway Information Network (CHIN)	Telephone traveler information system	Existing	ATIS01-01

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	Transit Management	El Camino Real Signal Interconnect	With San Mateo C/CAG.	Ongoing	ATMS03-02
	Freeway Traffic Management	I-680 Corridor Traffic Operations System Elements and Ramp Metering	Highway ramp metering control	Future	ATMS04-1
	Freeway Traffic Management	I-680 Smart High Occupancy Toll (HOT) Carpool Lane	HOV-Toll lane management system	Future	ATMS10-3
	Freeway Traffic Management	I-80 Integrated Corridor Mobility (ICM)	Integrated corridor operations, adaptive ramp metering, CCTV cameras, CMS, trailblazers, variable advisory speed signs, vehicle detection, and alternative mode coordination	Future	ATMS04-1
	Freeway Traffic Management	I-880 Corridor Traffic Operations System Elements and Ramp Metering	Highway ramp metering control	Future	ATMS04-1
	Freeway Traffic Management	I-880 Integrated Corridor Management (ICM) (High to Whipple)	From High to Whipple, I-238, I-580. Integrated corridor operations, adaptive ramp metering, CCTV cameras, CMS, trailblazers.	Future	ATMS04-1
	Freeway Traffic Management	I-880 Integrated Corridor Management (ICM) (I-980 to High)	Integrated corridor operations, adaptive ramp metering, CCTV cameras, CMS, trailblazers	Future	ATMS04-1
	Freeway Traffic Management	Intelligent Transportation System (ITS) Components for Corridor Management Improvement Account (CMIA) Funded Projects	Traffic Operations System (TOS) elements on all Capital Improvement Projects (CIP)	Future	ATMS04-1
	Freeway Traffic Management	Pre-Pass Project	Statewide effort on Cal Statewide ITS Architecture	Future	CVO03-1
	Freeway Traffic Management	SR 237 Corridor Traffic Operations System Elements and Ramp Metering	Highway ramp metering control	Future	ATMS04-1
	Freeway Traffic Management	SR 85 Corridor Traffic Operations System Elements and Metering	Highway ramp metering control	Future	ATMS04-1
	Freeway Traffic Management	Traffic Operations System (TOS) and Traffic Management Center (TMC)	Traffic management center	Existing	ATMS04-1
	Freeway Traffic Management	Traffic Operations System Field Element Installation: SR 237 and I-880	ITS field devices deployment	Future	ATMS04-1
	Freeway Traffic Management	US 101 Corridor Traffic Operations System Elements and Metering	Highway ramp metering control	Future	ATMS04-1
Campbell	Arterial Traffic Management	Closed Circuit Television (CCTV) Installation on Hamilton Overpass	ITS field devices deployment	Future	ATMS01-10
	Arterial Traffic Management	Hamilton Avenue Intelligent Transportation System (ITS)	Integrated arterial management system	Existing	ATMS03-10

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	Arterial Traffic Management	Installation of Pedestrian Countdown Timers	ITS field devices deployment	Future	ATMS03-10
	Arterial Traffic Management	Reactivation of Existing Traffic Count Stations	ITS field devices deployment	Future	AD1-8
	Arterial Traffic Management	Reactivation of Existing Traffic Count Stations	ITS field devices deployment	Future	ATMS19-1
	Arterial Traffic Management	Traffic Signal System Upgrade	Signal upgrade	Future	ATMS03-10
	Arterial Traffic Management	Winchester Blvd Intelligent Transportation System (ITS)	Integrated arterial management system	Future	ATMS03-10
	Arterial Traffic Management	Winchester Blvd Signal Timing	Signal improvement	Future	ATMS03-10
<b>CHP</b>					
	Arterial Traffic Management	Computer-Assisted Dispatch (CAD) Upgrade	Computer assisted dispatching system for emergency response	Existing	EM01-1
<b>Concord</b>					
	Arterial Traffic Management	Concord Closed Circuit Television (CCTV)	ITS field devices deployment	Existing	ATMS01-10
	Arterial Traffic Management	Concord Kirker Pass Road/Ygnacio Valley Road Arterial Management Plan	Integrated arterial management system	Existing	ATMS03-10
	Arterial Traffic Management	Concord Signal System Upgrade and Traffic Management Center (TMC)	Signal upgrade	Existing	ATMS03-10
	Arterial Traffic Management	Concord-Walnut Creek and Pleasant Hill Smart Corridor along I-680	Integrated arterial and freeway management system	Future	ATMS01-10
	Arterial Traffic Management	Concord-Walnut Creek and Pleasant Hill Smart Corridor along I-680	Integrated arterial and freeway management system	Future	ATMS03-10
	Arterial Traffic Management	Concord-Walnut Creek and Pleasant Hill Smart Corridor along I-680	Integrated arterial and freeway management system	Future	ATMS06-10
<b>County Connection</b>					
	Transit Management	Automated Vehicle Location (AVL) Vehicle Probe	Automated vehicle location system	Existing	APTS01-6
<b>County of Santa Clara</b>					
	Arterial Traffic Management	Adaptive Bicycle Timing	Signal improvement	Ongoing/ Future	ATMS03-10
	Arterial Traffic Management	Adaptive Pedestrian Timing	Signal improvement	Future	ATMS03-10
	Arterial Traffic Management	Intelligent Transportation System (ITS) Enhancements on Santa Teresa Blvd	ITS field devices deployment	Future	ATMS01-10

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	Arterial Traffic Management	Installation of Pedestrian Countdown Timers	ITS field devices deployment	Future	ATMS03-10
	Arterial Traffic Management	Intelligent Transportation System (ITS) Enhancements on Bascom Ave	ITS field devices deployment	Future	ATMS01-10
	Arterial Traffic Management	Traffic Operations System (TOS) Improvements	Signal improvement	Ongoing	ATMS03-10
<b>Cupertino</b>					
	Arterial Traffic Management	Adaptive Traffic Signal Control System	Signal improvement	Existing	ATMS03-10
	Arterial Traffic Management	De Anza Blvd. Advanced Traffic Management System	Integrated arterial management system	Existing	ATMS03-10
	Arterial Traffic Management	Interchange Improvements-Ramp Meter Signal/Arterial Traffic Signal Interconnection	Integrated arterial and freeway management system	Existing	ATMS01-10
	Arterial Traffic Management	Interchange Improvements-Ramp Meter Signal/Arterial Traffic Signal Interconnection	Integrated arterial and freeway management system	Existing	ATMS03-10
<b>Daly City</b>					
	Arterial Traffic Management	Citywide Signal Coordination	Signal Coordination	Future	ATMS03-10
	Arterial Traffic Management	Communications Master Plan	Communication System Upgrade	Future	N/A
	Arterial Traffic Management	Traffic Signal System Upgrade	Signal upgrade	Future	ATMS03-10
<b>ECCTA</b>					
	Transit Management	Automatic Vehicle Location (AVL) System	Automated vehicle location system	Ongoing	APTS01-6
<b>Fairfield</b>					
	Transit Management	Intelligent Transportation Systems (Automatic Vehicle Location (AVL), Transit Signal Priority (TSP) for City transit operators)	Automated vehicle location system	Future	APTS01-6
	Transit Management	Intelligent Transportation Systems (Automatic Vehicle Location (AVL), Transit Signal Priority (TSP) for City transit operators)	Automated vehicle location system	Future	APTS09-07
<b>Fairfield/Suisun Transit</b>					
	Transit Information	Advanced Traveler Information System (ATIS)	Traveler information system	Future	APTS08-10
	Transit Management	Automated Vehicle Location (AVL) System	Automated vehicle location system	Future	APTS01-6
	Transit Management	Automated Vehicle Location (AVL) System	Automated vehicle location system	Future	APTS02-11

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	Transit Management	Automated Vehicle Location (AVL) System	Automated vehicle location system	Future	APTS03-5
	Transit Management	Communications Master Plan	Transit management improvement	Future	N/A
<b>Fremont</b>					
	Arterial Traffic Management	Communication Master Plan	Upgrade all transportation related communications from serial to ethernet	Ongoing	N/A
	Arterial Traffic Management; Transit Management	Special Events Management Transportation Plan	Adaptive signal control, transit signal priority, traffic monitoring, traveler information system	Future	APTS09-07
	Arterial Traffic Management; Transit Management	Special Events Management Transportation Plan	Adaptive signal control, transit signal priority, traffic monitoring, traveler information system	Future	ATMS01-10
	Arterial Traffic Management; Transit Management	Special Events Management Transportation Plan	Adaptive signal control, transit signal priority, traffic monitoring, traveler information system	Future	ATMS03-10
	Arterial Traffic Management; Transit Management	Special Events Management Transportation Plan	Adaptive signal control, transit signal priority, traffic monitoring, traveler information system	Future	ATMS06-10
	Arterial Traffic Management	Traffic Management Center (TMC)	Traffic management center	Ongoing	ATMS03-10
<b>GGBHTD</b>					
	Transit Management	Advanced Communication and Information System	CAD/AVL, RTIS, TSP, bus telecom system, ATIS, APC, AVM, AVA	Future	APTS01-3
	Transit Management, Transit Signal Priority, Transit Information, Transit AVL	Advanced Communication and Information System	CAD/AVL, RTIS, TSP, bus telecom system, ATIS, APC, AVM, AVA	Future	APTS02-05
	Transit Management, Transit Signal Priority, Transit Information, Transit AVL	Advanced Communication and Information System	CAD/AVL, RTIS, TSP, bus telecom system, ATIS, APC, AVM, AVA	Future	APTS06-3
	Transit Management, Transit Signal Priority, Transit Information, Transit AVL	Advanced Communication and Information System	CAD/AVL, RTIS, TSP, bus telecom system, ATIS, APC, AVM, AVA	Future	APTS08-06
	Transit Management	Advanced Communication and Information System	CAD/AVL, RTIS, TSP, bus telecom system, ATIS, APC, AVM, AVA	Future	APTS09-02

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	Transit Management	Advanced Communication and Information System	CAD/AVL, RTIS, TSP, bus telecom system, ATIS, APC, AVM, AVA	Future	APTS10-2
	Transit Information	Advanced Traveler Information System (ATIS)	Traveler information system	Future	APTS08-06
	Transit Management	Bus Farebox Replacement	Bus fare management with farebox and data system upgrade	Future	APTS04-06
	Toll Management	Fastrak Electronic Toll Collection (ETC)	Toll management system	Existing	ATMS10-1
	Transit Management	Ferry Automatic Fare Collection (AFC)	Ferry Fare Management with new faregates and TVMs and data system	Future	APTS02-05
<b>Gilroy</b>					
	Arterial Traffic Management	Adaptive Traffic Signal Control System	Signal improvement	Future	ATMS03-10
	Transit Vehicle Priority	Bus Signal Priority for Gilroy Community Bus	Transit Signal Priority	Future	APTS02-11
	Parking Management	Electronic Parking Enforcement/Parking Management (Downtown Along Monterey Street)	Electronic parking monitoring system	Future	ATMS16-3
	Emergency/Event Management	Event Management System	Develop and deploy CMS, HAR, and information kiosks to provide traveler information system for special events (i.e. the Gilroy Garlic Festival) and incident management in the Gilroy (i.e. flooding in southern part of City). Install 2-CMS on SB US 101, 3-C	Future	ATMS08-11
	Emergency/Event Management	Event Management System	Develop and deploy CMS, HAR, and information kiosks to provide traveler information system for special events (i.e. the Gilroy Garlic Festival) and incident management in the Gilroy (i.e. flooding in southern part of City). Install 2-CMS on SB US 101, 3-C	Future	EM07-1
	Infrastructure Security / Surveillance	Flood Watch Cameras	Cameras monitoring water level	Future	EM07-1
	Arterial Traffic Management	Traffic Signal System Upgrade	Signal upgrade	Future	ATMS03-10
<b>Hayward</b>					
	Arterial Traffic Management	Adaptive Bicycle Timing	Signal Improvement	Future	ATMS03-10
	Arterial Traffic Management	Adaptive Pedestrian Timing	Signal Improvement	Future	ATMS03-10
	Arterial Traffic Management	Adaptive Traffic Signal Program	Signal Improvement	Future	ATMS03-10
	Arterial Traffic Management	Citywide Emergency Vehicle Preemption	Signal Improvement	Ongoing	EM02-5

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	Arterial Traffic Management	Citywide Traffic Signal Coordination	Signal Coordination	Ongoing	ATMS03-10
	Arterial Traffic Management	Citywide Transportation Management System	Advanced Traffic Management System for the following corridors: Clawiter Road/880 Reliever Route, Hesperian Blvd, Santa Clara St-Harder Road, Huntwood Avenue, Mission Blvd, Foothill Blvd, Second Street, A Street, B Street, D Street-Winton Avenue, Jackson	Future	ATMS01-10
	Arterial Traffic Management	Citywide Transportation Management System	Advanced Traffic Management System for the following corridors: Clawiter Road/880 Reliever Route, Hesperian Blvd, Santa Clara St-Harder Road, Huntwood Avenue, Mission Blvd, Foothill Blvd, Second Street, A Street, B Street, D Street-Winton Avenue, Jackson	Future	ATMS03-10
	Arterial Traffic Management	Downtown Hayward CBD Traffic and Parking Improvement Project	Central Business District traffic management	Future	ATMS16-3
	Arterial Traffic Management	Installation of Pedestrian Countdown Timers	Signal Improvement	Ongoing	ATMS03-10
	Arterial Traffic Management	Traffic Operations System (TOS)/Signal Coordination	Signal Improvement	Future	ATMS03-10
	Arterial Traffic Management	Traffic Signal System Upgrade	Signal Upgrade	Ongoing	ATMS03-10
LAVTA	Transit Management	Scheduling Software	Allow for fixed route scheduling and mapping	Existing	APTS02-06
	Transit Information	Annunciators	Transit information annunciators	Existing	APTS08-07
	Transit Management	Automated Passenger Counters (APC)	Identifying transit passenger number	Existing	APTS10-2
	Transit AVL/CAD	Automated Vehicle Location (AVL) System	Transit AVL	Existing	APTS01-3
	Transit Management	Cameras Vehicle Condition, Detectors and Driver Safety Training	Transit vehicle surveillance	Ongoing	APTS05-05
	Transit Management	Cameras Vehicle Condition, Detectors and Driver Safety Training	Transit vehicle surveillance	Ongoing	APTS05-05
	Transit Management	Communication Radios	Communication dispatch, operators, road sup.'s	Existing	APTS02-06
	Transit Management	Communication Radios	Communication dispatch, operators, road sup.'s	Existing	APTS03-2
	Transit Management	CS Enhancement Software	Interactive web and phone scheduling	Future	APTS03-2

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	Transit Management	Dispatch Phone Recorder	Record and archive dispatch phone calls	Existing	AD1-4
	Transit Management	Engine Monitoring Software	Monitor engine conditions and report as needed	Existing	APTS06-3
	Transit Management	Farebox	Fare collection and passenger count reporting	Existing	APTS04-07
	Transit Management	Farebox Collection System	Transit fare collection	Existing	APTS03-2
	Transit Information	Headsigns	Provide route and directional information	Existing	APTS08-07
	Transit AVL/CAD	In-Vehicle Logic Unit (IVLU)	Process APC and AVL data for wireless upload	Existing	APTS01-3
	Transit Security	In-Vehicle Security Technologies such as Panic Button	Transit security system	Existing	APTS05-05
	Transit AVL/CAD	LAVTA Computer-Aided Dispatch (CAD)	Transit AVL and CAD	Existing	APTS02-06
	Transit AVL/CAD	LAVTA Computer-Aided Dispatch (CAD)	Transit AVL and CAD	Existing	APTS03-2
	Transit Management	Mobile Data Terminal	Communicate driver and mechanical info	Existing	APTS02-06
	Transit Management	Mobile Data Terminal	Communicate driver and mechanical info	Existing	APTS03-2
	Transit Information	On Street Signs	Provide real-time bus arrival information (stop)	Existing	APTS08-07
	Transit Management	On-Board Communications	Transit vehicle communication system	Existing	APTS02-06
	Transit Management	Onboard Security Cameras	Transit vehicle surveillance	Existing/ Ongoing	APTS04-07
	Transit Management	Onboard Security Cameras	Provide visual coverage of bus (digital storage)	Existing	APTS05-05
	Transit Information	On-Street Dynamic Message Signs	Transit info-related on street signs	Ongoing	APTS08-07
	Transit Management	Paratransit Interactive Phone/Web Scheduling Software	paratransit management	Future	APTS08-07
	Transit Management	Phone Line Recorder	Record and archive CS phone calls	Existing	AD1-4
	Transit Information	Regional Tripliner Software	Assist in 511.org trip planning (regional)	Existing	APTS08-07
	Transit Information	Regional Tripliner Software	Assist in 511.org trip planning (regional)	Existing	ATIS01-02
	Transit Management	Scheduling Software	Para Transit scheduling and mapping	Existing	APTS03-2
	Transit Management	Transit Infrastructure Security Cameras	Provide visual coverage of building entrances	Ongoing	APTS05-05
	Transit Vehicle Priority	Transit Signal Priority (Vehicle to Roadside)	Allowing transit vehicles higher priority at intersections	Ongoing	APTS09-03

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	Transit Management	Web Interface	Receive, process and track comments	Existing	APTS08-07
	Transit Information	Web-Based Real-Time Transit Information	Internet transit information	Existing	APTS03-2
	Transit Information	Website	Venue for info., complaints and Web Watch	Existing	APTS08-07
<b>Livermore</b>					
	Arterial Traffic Management	Citywide Signal Coordination	Signal Coordination	Ongoing	ATMS03-10
	Arterial Traffic Management	Traffic Operations Center	TMC	Existing	ATMS01-10
	Arterial Traffic Management	Traffic Operations Center	TMC	Existing	ATMS03-10
	Transit Management	Transit Signal Priority (Vehicle to Roadside)	Allowing transit vehicles higher priority at intersections	Future	APTS09-07
	Network Surveillance	Web-Based Real-Time Video Information	Traffic Surveillance	Ongoing	ATMS01-10
<b>Los Gatos</b>					
	ITS Integration	SV-ITS Program network connection to Los Gatos	System integration	Future	ATMS03-10
	Arterial Traffic Management	Traffic Signal System Upgrade	Signal Upgrade	Future	ATMS03-10
<b>Menlo Park</b>					
	Emergency Vehicle Preemption	Citywide Emergency Vehicle Preemption	Allowing emergency vehicles higher priorities at intersection	Ongoing	EM02-5
	Arterial Traffic Management	El Camino Real Adaptive Signal Project	Signal improvement	Existing	ATMS03-10
	Arterial Traffic Management	Willow Rd SR-114, Adaptive Signal Project	Signal improvement	Future	ATMS03-10
<b>Milpitas</b>					
	Network Surveillance	Closed Circuit Television (CCTV) Camera Deployment on Major Travel Corridors	Traffic Surveillance	Future	ATMS01-10
	Arterial Traffic Management	South Milpitas Blvd Smart Corridor	Arterial traffic management coordination	Future	ATMS01-10
	Arterial Traffic Management	South Milpitas Blvd Smart Corridor	Arterial traffic management coordination	Future	ATMS03-10
	Arterial Traffic Management	Traffic Signal System Upgrade	Signal Upgrade	Future	ATMS03-10
<b>Morgan Hill</b>					
	Arterial Traffic Management	Cochrane Ave Corridor Traffic Signal System Improvement	Signal improvement	Future	ATMS03-10

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	Arterial Traffic Management	Traffic Signal System Upgrade	Signal Upgrade	Future	ATMS03-10
Mountain View					
	Arterial Traffic Management	Evelyn Ave Traffic Management between Bush St to Bernardo Rd	Arterial traffic management coordination	Future	ATMS03-10
	Arterial Traffic Management	Rengstorff Ave Traffic Signal System Improvement	Arterial traffic management coordination	Future	ATMS03-10
	Arterial Traffic Management	Shoreline Blvd Traffic Management between El Camino Real and Villa St	Arterial traffic management coordination	Future	ATMS03-10
MTC					
	Transit Information	511 Real Time Transit Information	Regional real-time transit arrival information via 511 phone, 511.org, dynamic message signs, etc.	Ongoing	APTS08-12
	Traveler Information	511 Rideshare/Bicycle Information	Regional rideshare and bicycling information via 511 phone number and 511.org and includes ridematching and bikemapping tools.	Existing	ATIS01-03
	Traveler Information	511 Traffic Information	Regional traffic information via 511 phone number, 511.org, CMS, etc. and includes traffic speeds, incidents, driving times, predicted travel times, parking, etc.	Existing	ATIS01-01
	Transit Information	511 Transit Information	Regional transit information via 511 phone number, 511.org, signs, etc. and includes a dynamic transit trip planning tool.	Existing	ATIS02-1
	Transit Information	511 Transit Information	Regional transit information via 511 phone number, 511.org, signs, etc. and includes a dynamic transit trip planning tool.	Existing	ATIS02-2
	Transit Information	511 Transit Information	Regional transit information via 511 phone number, 511.org, signs, etc. and includes a dynamic transit trip planning tool.	Existing	ATIS02-3
	Toll Management	Advanced Toll Collection and Accounting System (ATCAS 2)	Replacement of the toll collection system in lane plaza and central processing enhancement.	Future	ASTMS10-1
	ITS Integration	Center-to-Center Network (Smart Corridors - Sfgo, East Bay, Silicon Valley, San Mateo)	System integration	Ongoing	ATMS07-03
	ITS Integration	Center-to-Center Network (Smart Corridors - Sfgo, East Bay, Silicon Valley, San Mateo)	System integration	Ongoing	ATMS07-04
	ITS Integration	Center-to-Center Network (Smart Corridors - Sfgo, East Bay, Silicon Valley, San Mateo)	System integration	Ongoing	ATMS07-07

<i>Stakeholder</i>	<i>Category</i>	<i>Project Name</i>	<i>Project Description</i>	<i>Project Status</i>	<i>ITS Service Diagram</i>
	ITS Integration	Center-to-Center Network (Smart Corridors - Sfgo, East Bay, Silicon Valley, San Mateo)	System integration	Ongoing	ATMS07-08
	Toll Management	FasTrak Electronic Toll Collection	Regional electronic toll collection system for bridge tolls.	Existing	ATMS10-1
	Freeway Traffic Management	Freeway Service Patrol	Freeway incident identification and fast response/clearance with roving tow trucks. Telecommunications equipment in trucks relays ops data to CHP CAD.	Ongoing	EM04-1
	Commercial Vehicle Management	Goods Movement Container Reservation System	Freight Management	Future	N/A
	ITS Integration	Integrate 511 with Center to Center	Integrate 511 with neighbor region 511 systems through C-2-C communication	Future	ATIS01-03
	Toll Management	Open Road Tolling	Open road tolling on Benicia Martinez Bridget using FasTrak ETC system.	Ongoing	ATMS10-4
	Toll Management	Regional High Occupancy Toll (HOT) Lane Network	HOV-Toll lane	Future	ATMS05-1
	Parking Management	Regional Parking Payment (TransLink/FasTrak)	Enable parking payment at meters and garages with TransLink and/or FasTrak.	Future	ATMS16-4
	Arterial Traffic Management	S/W Data Repository	Arterial traffic management	Future	N/A
	Transit Management	TransLink® Electronic Fare Collection	Regional electronic fare payment system for transit.	Existing	APTS04-01
	Transit Management	TransLink® Electronic Fare Collection	Regional electronic fare payment system for transit.	Existing	APTS04-02
	Transit Management	TransLink® Electronic Fare Collection	Regional electronic fare payment system for transit.	Existing	APTS04-04
	Transit Management	TransLink® Electronic Fare Collection	Regional electronic fare payment system for transit.	Existing	APTS04-05
	Transit Management	TransLink® Electronic Fare Collection	Regional electronic fare payment system for transit.	Existing	APTS04-06
	Transit Management	TransLink® Electronic Fare Collection	Regional electronic fare payment system for transit.	Existing	APTS04-07
	Transit Management	TransLink® Electronic Fare Collection	Regional electronic fare payment system for transit.	Existing	APTS04-08
	Transit Management	TransLink® Electronic Fare Collection	Regional electronic fare payment system for transit.	Existing	APTS04-09
	Transit Management	TransLink® Electronic Fare Collection	Regional electronic fare payment system for transit.	Existing	APTS04-10
	Transit Management	TransLink® Electronic Fare Collection	Regional electronic fare payment system for transit.	Existing	APTS04-12
	Transit Management	TransLink® Electronic Fare Collection	Regional electronic fare payment system for transit.	Existing	APTS04-13

<i>Stakeholder</i>	<i>Category</i>	<i>Project Name</i>	<i>Project Description</i>	<i>Project Status</i>	<i>ITS Service Diagram</i>
	Transit Management	TransLink® Electronic Fare Collection	Regional electronic fare payment system for transit.	Existing	APTS04-14
	Toll Management	Video Tolling Demonstration	Collecting toll based on license plate image.	Future	ATMS10-4
<b>MTC/Caltrans</b>					
	Vehicle Infrastructure Integration	Vehicle-Infrastructure Integration (VII) Testbed	VII implementation experiments	Ongoing	ATIS09-1
	Vehicle Infrastructure Integration	Vehicle-Infrastructure Integration (VII) Testbed	VII implementation experiments	Ongoing	ATIS10-1
<b>MTC/SAFE</b>					
	Emergency Management	Call Box Program	Provides roadside telecommunication services to motorists in the event of an incident.	Existing	EM03-1
<b>Napa Valley Transit</b>					
	Transit AVL/CAD	Automated Vehicle Location (AVL)	AVL	Existing	APTS01-6
	Transit Vehicle Priority	Transit Signal Priority (Vehicle to Roadside)	Allowing transit vehicles higher priority at intersections	Future	APTS09-07
<b>Oakland</b>					
	ITS Integration	Integrated Transportation Network	Integrate TMC with EOC, Police Department, Fire Department, and Maintenance Yard	Ongoing	ATMS08-6
	Arterial Traffic Management	Oakland Broadway ITS Project	Close Circuit Television (CCTV) cameras, special event management, arterial Changeable Message Sign (CMS), parking guidance	Future	APTS09-08
	Arterial Traffic Management	Oakland Coliseum - Airport Intelligent Transportation System (ITS) Project	Closed Circuit Television (CCTV) cameras, special event management, arterial Changeable Message Sign (CMS), parking guidance	Future	ATMS07-05
	Arterial Traffic Management	Oakland North Central Business District (CBD) Project	Central Business District traffic management	Ongoing	ATMS03-05
	Arterial Traffic Management	Oakland Transportation Management System	Advanced Transportation Management System (ATMS)	Ongoing	ATMS01-05
	Arterial Traffic Management	Oakland Transportation Management System	Advanced Transportation Management System (ATMS)	Ongoing	ATMS03-05
	Arterial Traffic Management	Oakland Transportation Management System	Advanced Transportation Management System (ATMS)	Ongoing	ATMS06-05
	Arterial Traffic Management	Oakland Transportation Management System	Advanced Transportation Management System (ATMS)	Ongoing	ATMS08-6
<b>Palo Alto</b>					
	Arterial Traffic Management	Smart Residential Arterials Project	Arterial traffic management coordination	Future	ATMS07-10

<i>Stakeholder</i>	<i>Category</i>	<i>Project Name</i>	<i>Project Description</i>	<i>Project Status</i>	<i>ITS Service Diagram</i>
	Arterial Traffic Management	Traffic Signal System Upgrades	Signal Upgrade	Future	ATMS03-10
Pleasant Hill					
	Arterial Traffic Management	Contra Costa Boulevard Traffic Management System	Arterial traffic management coordination	Ongoing	ATMS07-10
Pleasanton					
	Arterial Traffic Management	I-580 Smart Corridor	Arterial traffic management coordination	Existing	ATMS07-04
	Arterial Traffic Management	Traffic Signal System	Signal Upgrade	Ongoing	ATMS03-10
	Network Surveillance	Video Detection	Video detection for traffic/incident/road conditions	Existing	ATMS01-10
Redwood City					
	Arterial Traffic Management	Regional Traffic Signalization/Operation Program 2	Traffic Signalization/Operation Program	Ongoing	ATMS03-10
Rio Vista					
	Transit AVL/CAD	Automated Vehicle Tracking	Automated Vehicle Location (AVL)	Future	APTS01-6
SamTrans					
	Transit Vehicle Priority	Adaptive Transit Signal Priority (Vehicle to Roadside)	Allowing transit vehicles higher priority at intersections	Ongoing	APTS09-06
	Transit Management	Advanced Communications System	Transit Communication	Existing	APTS02-10
	Transit Management	Advanced Communications System	Transit Communication	Existing	APTS03-4
	Transit Management	Automated Passenger Counter (APC) Expansion	Automatically record passenger number	Ongoing	APTS10-3
	Transit AVL/CAD	Automatic Vehicle Location (AVL) System	AVL	Existing	APTS01-5
	Transit Management	Communications System Upgrade	Transit Communication	Future	APTS02-10
	Transit Management	Communications System Upgrade	Transit Communication	Future	APTS03-4
	Transit AVL/CAD	Computer Aided Dispatch - System Upgrade	Transit management	Ongoing	APTS02-10
	Transit AVL/CAD	Computer-Assisted Dispatching (CAD) System Upgrade	CAD upgrade	Ongoing	APTS02-10
	Transit AVL/CAD	Computer-Assisted Dispatching (CAD) System Upgrade	CAD upgrade	Ongoing	APTS03-4
	Transit Management	El Camino Real Bus Rapid Transit (BRT)	Coordinated Transit System	Future	APTS07-5
	Transit Management	Fare Collection System Replacement	Fare collection	Ongoing	APTS04-10

<i>Stakeholder</i>	<i>Category</i>	<i>Project Name</i>	<i>Project Description</i>	<i>Project Status</i>	<i>ITS Service Diagram</i>
	On-Vehicle Safety System	Frontal Collision Warning System	Vehicle on-board safety system	Existing	N/A
	Transit Management	Manual Pass - Class Counts	Fare collection / passenger counting	Existing	APTS04-10
	Transit Information	Predictive Arrivals/Departure System Replacement	Predict transit arrival/departure time	Future	APTS08-09
	Transit Vehicle Priority	Signal Prioritization (Part of VTA Bus Rapid Transit)	(vehicle to roadside)	Ongoing	APTS09-09
	Transit Vehicle Priority	Signal Prioritization (Part of VTA Bus Rapid Transit)	(vehicle to roadside)	Ongoing	APTS09-10

**San Jose**

	Arterial Traffic Management	Brokaw/Hostetter Roads Smart Corridor	Arterial traffic management coordination	Future	ATMS03-06
	Arterial Traffic Management	Capitol Expressway Intelligent Transportation System (ITS)	Arterial traffic management coordination	Future	ATMS07-06
	Traveler Information	City Hall Traveler Information Center	Traveler information collection, processing, and dissemination	Ongoing	ATIS01-17
	Emergency Management	Construction Incident Management - Transportation and Incident Management Center (TIMC)	(Construct Transportation and Incident Management Center to coordinate incident activities with traffic, fire, and police. Includes control center and integrated communications network.)	Future	ATMS08-07
	Arterial Traffic Management	Coyote Valley Intelligent Transportation System (ITS)	Arterial traffic management coordination	Future	ATMS07-06
	Parking Management	Downtown Parking Guidance System	Parking information/guidance	Ongoing	ATMS16-1
	Emergency Management	Emergency Vehicle Link System - Traffic Incident Management Center (TIMC)	Emergency vehicle communication	Future	EM01-3
	Emergency Management	Emergency Vehicle Link System - Traffic Incident Management Center (TIMC)	Emergency vehicle communication	Future	EM02-4
	Arterial Traffic Management	Field Equipment Upgrades (2070 ATC and Firmware)	ITS equipment upgrade	Ongoing	ATMS03-06
	Freeway Traffic Management	Freeway and Incident Management System	Freeway and incident management system	Future	ATMS08-07
	Freeway Traffic Management	Freeway and Incident Management System	Freeway and incident management system	Future	ATMS08-15
	Arterial Traffic Management	King/Story Roads Smart Corridor	Arterial traffic management coordination	Future	ATMS07-06
	Network Surveillance	Mobile Video Surveillance for Emergency Response	video surveillance	Future	ATMS01-06
	Arterial Traffic Management	Monterey Highway Intelligent Transportation System (ITS)	Arterial traffic management coordination	Future	ATMS07-06

<i>Stakeholder</i>	<i>Category</i>	<i>Project Name</i>	<i>Project Description</i>	<i>Project Status</i>	<i>ITS Service Diagram</i>
	Traveler Information	Motorist Information System DMS Replacement	Information for drivers	Ongoing	ATMS06-06
	Arterial Traffic Management	Neighborhood Business District (NBD) Intelligent Transportation System (ITS) Deployment	ITS field devices deployment	Future	ATMS03-06
	Arterial Traffic Management	Proactive Signal Timing	Signal Upgrade	Ongoing	ATMS03-06
	Arterial Traffic Management	Proactive Signal Timing Program Phase I	Signal improvement	Existing	ATMS03-06
	Arterial Traffic Management	Proactive Signal Timing Program Phase II	Signal improvement	Existing	ATMS03-06
	Arterial Traffic Management	Red Light Running Enforcement Program	Cameras enforcing red light running	Future	N/A
	Emergency Vehicle Preemption	Replace Existing Emergency Vehicle Preemption (EVP)s and Install New EVPs	Emergency vehicle preemption system	Future	EM02-4
	Arterial Traffic Management	Replacement of Electronic "No Right" at Light Rail Transit (LRT) Crossings	Signal Upgrade	Existing	ATMS03-06
	Emergency Vehicle Preemption	San Jose Smart Intersection - Traffic Management Center Controls Emergency Vehicle Pre-Emption	Traffic Management Center Controls Emergency Vehicle Pre-Emption	Existing	ATMS03-06
	Emergency Vehicle Preemption	San Jose Smart Intersection - Traffic Management Center Controls Emergency Vehicle Pre-Emption	Traffic Management Center Controls Emergency Vehicle Pre-Emption	Existing	EM02-4
	Arterial Traffic Management	San Jose Traffic Signal Management Program	(signal central)	Existing	MC07-4
	ITS Integration	Silicon Valley Smart Corridor Project Phases I, II, and III	System upgrade	Existing	ATMS03-08
	Arterial Traffic Management	Smart Intersections	Arterial traffic management coordination	Future	ATMS03-06
	Arterial Traffic Management	Smart Intersections	Arterial traffic management coordination	Future	EM02-4
	Arterial Traffic Management	Sub Regional Traffic Management Center (TMC)	TMC	Future	ATMS01-06
	Arterial Traffic Management	Sub Regional Traffic Management Center (TMC)	TMC	Future	ATMS03-06
	Emergency Management	Transportation and Incident Management Center (TIMC) / PD Computer Aided Dispatch (CAD) Intergration	TMC coordination with incident management	Future	EM02-4
	ITS Integration	Transportation Communications Network	Communication between different ITS components	Future	N/A

San Leandro

<i>Stakeholder</i>	<i>Category</i>	<i>Project Name</i>	<i>Project Description</i>	<i>Project Status</i>	<i>ITS Service Diagram</i>
	Emergency Vehicle Preemption	Emergency Vehicle Preemption	EVP	Ongoing	EM02-5
	Network Surveillance	San Leandro Closed Circuit Television (CCTV)	CCTV camera installation	Existing	ATMS01-10
	Arterial Traffic Management	San Leandro Signal System and Traffic Management Center (TMC) (Upgrade)	Signal Upgrade	Ongoing	ATMS03-10
<b>San Mateo City/County Association of Governments</b>					
	Emergency Management	Incident Management Plan for US 101	Incident Management Plan	Future	N/A
	Emergency Management	Integrated Transportation Incident Management	Incident management	Future	ATMS08-11
	Arterial Traffic Management	Local Transportation Management Center	TMC	Future	ATMS01-10
	Arterial Traffic Management	Local Transportation Management Center	TMC	Future	ATMS03-10
	Arterial Traffic Management	San Mateo C/CAG Roadside Equipment	(CCTV cameras, trailblazers, transit signal priority, CMS, adaptive ramp metering)	Future	APTS09-07
	Arterial Traffic Management	San Mateo C/CAG Roadside Equipment	(CCTV cameras, trailblazers, transit signal priority, CMS, adaptive ramp metering)	Future	ATMS01-10
	Arterial Traffic Management	San Mateo C/CAG Roadside Equipment	(CCTV cameras, trailblazers, transit signal priority, CMS, adaptive ramp metering)	Future	ATMS03-10
	Arterial Traffic Management	San Mateo C/CAG Roadside Equipment	(CCTV cameras, trailblazers, transit signal priority, CMS, adaptive ramp metering)	Future	ATMS06-10
<b>Santa Clara</b>					
	Arterial Traffic Management	Communications Network Upgrade	communication system upgrade	Future	N/A
	Arterial Traffic Management	Traffic Signal Cabinet and Controller Replacement	Signal Upgrade	Future	ATMS03-10
	Arterial Traffic Management	Transportation Management Center Upgrade	TMC upgrade	Future	ATMS01-10
	Arterial Traffic Management	Transportation Management Center Upgrade	TMC upgrade	Future	ATMS03-10
<b>Santa Rosa</b>					
	Arterial Traffic Management	Adaptive Traffic Signal Controls	Signal improvement	Ongoing	ATMS03-10
	Arterial Traffic Management	Traffic Management Center	TMC	Ongoing	ATMS01-10
	Arterial Traffic Management	Traffic Management Center	TMC	Ongoing	ATMS03-10

<i>Stakeholder</i>	<i>Category</i>	<i>Project Name</i>	<i>Project Description</i>	<i>Project Status</i>	<i>ITS Service Diagram</i>
	Arterial Traffic Management	Traffic Signal Synchronization	Signal improvement	Ongoing	ATMS03-10
Santa Rosa CityBus					
	Transit AVL/CAD	Automated Vehicle Location (AVL), Scheduling Software, NextBus Technology, Global Positioning System (GPS) Video System, Transit Signal Priority	Transit real time control system	Ongoing	APTS01-6
	Transit AVL/CAD	Automated Vehicle Location (AVL), Scheduling Software, NextBus Technology, Global Positioning System (GPS) Video System, Transit Signal Priority	Transit real time control system	Ongoing	APTS08-10
	Transit AVL/CAD	Automated Vehicle Location (AVL), Scheduling Software, NextBus Technology, Global Positioning System (GPS) Video System, Transit Signal Priority	Transit real time control system	Ongoing	APTS09-07
Saratoga					
	Arterial Traffic Management	Citywide Signal Upgrade Project Phase II	Signal Upgrade	Future	ATMS03-10
	Arterial Traffic Management	Closed Circuit Television (CCTV) Project	CCTV camera installation	Future	ATMS01-10
	Arterial Traffic Management	Traffic Signal System Upgrade	Signal Upgrade	Future	ATMS03-10
SFCTA					
	Toll Management	Areawide Pricing (Planning/Feasibility)	Toll management system	Future	N/A
	Transit Vehicle Priority	Doyle Drive Value Pricing	Transit signal priority and varying toll rates	Future	APTS09-04
SFMTA					
	ITS Integration	Advanced Train Control System	Transit management system	Existing	APTS01-4
	ITS Integration	Advanced Train Control System	Transit management system	Existing	APTS02-9
	Traveler Information	Automated Vehicle Location (AVL) and Vehicle Arrival Predictions	AVL and Vehicle Arrival Predictions	Existing	APTS01-4
	Traveler Information	Automated Vehicle Location (AVL) and Vehicle Arrival Predictions	AVL and Vehicle Arrival Predictions	Existing	APTS08-13
	Transit Management	Automatic Passenger Counter System	Passenger counting system	Ongoing	APTS10-4
	ITS Integration	Center-to-Center Network	Traffic management center	Ongoing	ATMS07-07
	Traveler Information	City Services 311 Information System	Traveler information system	Existing	N/A

<i>Stakeholder</i>	<i>Category</i>	<i>Project Name</i>	<i>Project Description</i>	<i>Project Status</i>	<i>ITS Service Diagram</i>
	Transit Information	Digital Voice Annunciation System, Nextstop Announcement	Transit information system	Ongoing	APTS08-08
	Emergency Vehicle Preemption	Emergency Vehicle Preemption	Allowing emergency vehicles higher priorities at the intersections	Ongoing	EM02-3
	Transit Management	Geary Bus Rapid Transit (BRT)	Bus rapid transit on Geary	Future	APTS09-04
	ITS Integration	Integrated Vehicle & Facilities Maint. System Inventory Control	Transit management system	Future	APTS06-6
	ITS Integration	MTA Transit Management Central Control Facility Expansion/Replacement	Transit management center	Future	ATMS05-06
	Parking Management	On-Street Parking Management – Meters (Translink (smart card) ready)	Parking management system	Future	ATMS16-2
	Transit Management	Paratransit Debit Card	Transit fare collection	Ongoing	APTS04-15
	Parking Management	Parking Guidance - Dynamic Message Sign (DMS)	Parking management system	Future	ATMS17-1
	Transit AVL/CAD	Radio Replacement Communications/AVL-Global Positioning System (GPS)	Radio Voice and Data Communications, Computer-Aided Dispatch, integration with AVL	Future	APTS02-08
	Parking Management	Real Time Parking - Parking Availability on Web, 511	Parking management system	Future	ATMS17-1
	Transit Management	Scheduling/Auto-Dispatch Systems	(just fixed route)	Ongoing	APTS02-07
	ITS Integration	SFgo - Integrated Transportation Management System	Integrated Arterial Management System Existing		ATMS01-07
	ITS Integration	SFgo - Integrated Transportation Management System	Integrated Arterial Management System Existing		ATMS03-07
	ITS Integration	SFgo - Integrated Transportation Management System	Integrated Arterial Management System Existing		ATMS06-07
	Transit Security	Subway & Surface Playform Closed Circuit Television (CCTV) Replacement - Station Related	ITS field devices deployment	Future	APTS05-06
	Transit Information	Subway Public Address and Platform Display Systems Replacement	Transit information system	Future	APTS08-08
	Transit Information	Subway Station Talking Signs	Transit information system	Future	APTS08-08
	Arterial Traffic Management	Third Street Corridor	ITS field devices deployment including transit signal priority for light rail vehicles	Ongoing	APTS09-04A
	Arterial Traffic Management	Third Street Corridor	ITS field devices deployment including transit signal priority for light rail vehicles	Ongoing	ATMS03-07

<i>Stakeholder</i>	<i>Category</i>	<i>Project Name</i>	<i>Project Description</i>	<i>Project Status</i>	<i>ITS Service Diagram</i>
	Transit Management	Ticket Vending Machine and Subway Fare Gate Replacement	Transit fare collection	Ongoing	APTS04-09
	Transit Vehicle Priority	Transit Signal Priority	Allow MUNI transit vehicles priority at intersections	Ongoing	APTS09-04
	Transit Management	Van Ness Bus Rapid Transit (BRT)	Bus rapid transit on Van Ness	Future	APTS09-04
<b>Solano County</b>					
	Transit AVL/CAD	Solano County Transit Automated Vehicle Locator System	Automated vehicle location system	Ongoing	APTS01-6
<b>Sonoma County Transit</b>					
	Transit Vehicle Priority	Transit Signal Priority (Vehicle to Roadside)	Allowing transit vehicles higher priority at intersections	Future	APTS09-07
	Transit Vehicle Priority	TransTrack	Automated vehicle location system	Ongoing	APTS09-07
<b>Sunnyvale</b>					
	Arterial Traffic Management	Closed Circuit Television (CCTV) Camera Deployment	ITS field devices deployment	Future	ATMS01-10
	Arterial Traffic Management	Count and Speed Monitoring Stations	Arterial management system	Future	ATMS01-10
	Arterial Traffic Management	Intelligent Transportation System (ITS) Communications Infrastructure	ITS field devices deployment	Future	N/A
	Arterial Traffic Management	Traffic Adaptive Signal System on Major Arterials	Signal improvement	Future	ATMS03-10
	ITS Integration	Traffic Management Center (TMC) Integration	Traffic management center	Future	ATMS01-10
	ITS Integration	Traffic Management Center (TMC) Integration	Traffic management center	Future	ATMS03-10
	ITS Integration	Traffic Management Center (TMC) Integration	Traffic management center	Future	ATMS06-10
	ITS Integration	Traffic Management Center (TMC) Integration	Traffic management center	Future	ATMS07-10
	Arterial Traffic Management	Traffic Signal Controller Update	Signal Upgrade	Future	ATMS03-10
	Arterial Traffic Management	Wolfe Road Traffic Signal Coordination/Spread Spectrum Radio Interconnect	Signal improvement	Future	ATMS03-10
<b>SV ITS - San Jose Program Manager</b>					
	Transit AVL/CAD	Hybrid Analog/Digital Video Management System	communication system upgrade	Ongoing	ATMS01-08
	ITS Integration	San Jose International Airport - Advanced Transportation Management System (ATMS), multiple phases	Coordination of multi-mode transportation	Existing	ATMS08-07

<i>Stakeholder</i>	<i>Category</i>	<i>Project Name</i>	<i>Project Description</i>	<i>Project Status</i>	<i>ITS Service Diagram</i>
	ITS Integration	Silicon Valley - Intelligent Transportation System (SV-ITS) Program Updates	Integrated arterial and freeway management system	Ongoing	ATMS07-08
	ITS Integration	SILICON VALLEY - Intelligent Transportation System (SV-ITS) Enhancement Project	Integrated arterial and freeway management system	Ongoing	ATMS07-08
	Traveler Information	Silicon Valley - Intelligent Transportation System (SV-ITS) Traveler Information Website Phase I	Traveler information website	Existing	ATIS01-21
	Traveler Information	Silicon Valley - Intelligent Transportation System (SV-ITS) Traveler Information Website Phase II	Traveler information website	Future	ATIS01-21
	ITS Integration	Silicon Valley - ITS (SILICON VALLEY - Intelligent Transportation System (SV-ITS)) Program Upgrades	System upgrade	Future	ATMS03-08
	ITS Integration	Silicon Valley Intelligent Transportation System (ITS) Milpitas/Fremont Project	Integrated arterial and freeway management system	Existing	ATMS07-08
	Emergency Management	Silicon Valley Intelligent Transportation System (ITS) West Project	Integrated arterial and freeway management system	Ongoing	ATMS07-08
	Arterial Traffic Management	Silicon Valley Transportation Incident Management Center	Traffic management center	Ongoing	ATMS01-08
	Arterial Traffic Management	Silicon Valley Transportation Incident Management Center	Traffic management center	Ongoing	ATMS07-08
	Arterial Traffic Management	Silicon Valley Transportation Incident Management Center	Traffic management center	Ongoing	ATMS08-09
	ITS Integration	Sunnyvale Silicon Valley - Intelligent Transportation System (SV-ITS)	Integrated arterial and freeway management system	Future	ATMS07-08
	ITS Integration	Wide Area Network Upgrade	communication system upgrade	Future	N/A
	ITS Integration	www.511sv.org	Traveler information system	Existing	ATIS01-04
	ITS Integration	www.511sv.org	Traveler information system	Existing	ATIS01-05
Vallejo					
	Arterial Traffic Management	Traffic Signal Interconnect	Signal improvement	Existing	ATMS03-10
Vallejo Transit					
	Arterial Traffic Management	Advanced Traveler Information System	Signal improvement	Existing	APTS08-07
VTA					
	Transit AVL/CAD	Automated Vehicle Location (AVL) and Communication System Upgrade	Automated vehicle location system	Future	APTS01-5

<i>Stakeholder</i>	<i>Category</i>	<i>Project Name</i>	<i>Project Description</i>	<i>Project Status</i>	<i>ITS Service Diagram</i>
	Transit AVL/CAD	Automated Vehicle Location (AVL) and Communication System Upgrade	Automated vehicle location system	Future	APTS02-12
	Transit AVL/CAD	Automated Vehicle Location (AVL) and Communication System Upgrade	Automated vehicle location system	Future	APTS03-6
	Freeway Traffic Management	Countrywide Ramp Metering Study	Integrated arterial and freeway management system	Future	N/A
	Transit Information	Dynamic Passenger Information (DPI)	Traveler information system	Ongoing	APTS08-11
	Transit Vehicle Priority	Rapid 522 Bus Signal Priority (BSP)	Allowing transit vehicles higher priority at intersections	Existing	APTS09-09
	Transit Vehicle Priority	Rapid 522 Bus Signal Priority (BSP)	Allowing transit vehicles higher priority at intersections	Existing	APTS09-10
	Toll Management	US 101 & SR 85 High Occupancy Toll (HOT) Lane	Toll management system	Future	ATMS05-1
<b>Walnut Creek</b>					
	Arterial Traffic Management	Traffic Signal System Upgrade	Signal Upgrade	Ongoing	ATMS03-10
<b>Water Transit Authority</b>					
	Transit Management	Ferry Real Time	Ferry Management	Ongoing	APTS04-14
<b>WestCAT</b>					
	Transit Management	Automated Passenger Counters (APC)	Automated passenger counting system	Future	APTS10-3
	Transit AVL/CAD	Automated Vehicle Location	Automated vehicle location system	Ongoing	APTS01-6
	Transit Management	Electronic Farebox/Collection	Transit fare collection system	Future	APTS04-12
	Transit Management	Ferry Real Time	Ferry Management	Ongoing	APTS04-14
	Transit Information	Real-Time Predictive Arrivals/Departures	Transit arrival and departure information	Future	APTS08-10
	Transit Security	Security Updates	Transit security monitoring system	Future	APTS05-08
	Transit Vehicle Priority	Transit Signal Priority (Vehicle to Roadside)	Allowing transit vehicles higher priority at intersections	Future	APTS09-07