

APPENDIX
Southeast Corridor ITS Architecture Report

Recommended Market Package Tables

Definitions of Terms in Market Package Tables

TERM	DEFINITION
Access	Access will be allowed to this market package but the project will not develop this function or link.
Consider	Organization will consider making financial commitment to implementing this market package as a contribution to the project
Existing	Existing market package. No project involvement in development
If Available	Include if already available
Implement	Organization will implement and provide access to this market package in cooperation with the project including both financial and
Linked	Link to this market package within this organization but the project will not develop the function for the organization
No	Not included in project
Planned	Function currently under development
Transfer	Function be transferred to appropriate operating agency
Yes	Function to be developed as part of project

Recommended Market Packages for Defining Southeast Corridor ITS Architecture

	Market Package Name	ITS Architecture During Construction	ITS Architecture After Construction	Comments
AD1	ITS Data Mart	If Available	If Available	Link to available data sources
AD2	ITS Data Warehouse	Yes	Yes	Develop Corridor data warehouse
APTS1	Transit Vehicle Tracking	Yes	Yes	Existing RTD system
APTS2	Transit Fixed-Route Operations	Yes	Yes	Existing RTD system
APTS3	Demand Response Transit Operations	Planned	Implement	Planned RTD initiative
APTS4	Transit Passenger and Fare Management	Yes	Yes	Existing RTD system
APTS5	Transit Security	Yes	Yes	Under development now
APTS7	Multi-modal Coordination	Yes	Yes	Focus on C2C and TSP
APTS8	Transit Traveler Information	Yes	Yes	Enhance existing RTD system for pre-trip and en-route distribution
ATIS1	Broadcast Traveler Information	Yes	Yes	Offer opportunity for ISP involvement
ATIS2	Interactive Traveler Information	Yes	Yes	Offer opportunity for ISP involvement
ATIS8	Dynamic Ridesharing	Yes	Yes	Offers opportunity for travel demand management
ATMS01	Network Surveillance	Yes	Yes	
ATMS02	Probe Surveillance	Yes	Yes	But do not use AVI technology
ATMS03	Surface Street Control	Yes	Yes	
ATMS04	Freeway Control	Yes	Yes	
ATMS06	Traffic Information Dissemination	Yes	Yes	
ATMS07	Regional Traffic Control	Yes	Yes	
ATMS08	Incident Management System	Yes	Yes	
ATMS09	Traffic Forecast and Demand Management	Yes	Yes	
ATMS11	Emissions Monitoring and Management	Consider	Consider	Southeast Corridor mitigation commitment is to monitor particulate matter (PM10) along the corridor during construction.
ATMS16	Parking Facility Management	Yes	Yes	
ATMS18	Road Weather Information System	Yes	Yes	
ATMS19	Regional Parking Management	Yes	Yes	
CVO01	Commercial Vehicle Operations Link	Yes	Yes	Provide truck specific information
CVO10	HAZMAT Management	Yes	Yes	
EM1	Emergency Response	Yes	Yes	
EM2	Emergency Routing	Yes	Yes	Could improve emergency response times during construction

Recommended Market Packages by Organization for the Southeast Corridor DURING Construction

Market Package Name		During Construction	Southeast Corridor Project	CDOT CTMS (1)	CDOT Region 6 (1)	CDOT Region 1 (1)	RTD	Aurora
AD1	ITS Data Mart	If Available	No	Linked			Linked	Linked
AD2	ITS Data Warehouse	Yes	Yes	No	No	No	No	No
APTS1	Transit Vehicle Tracking	Yes	Linked	Access	No	No	Existing	Access
APTS2	Transit Fixed-Route Operations	Yes	Linked	Access	No	No	Existing	Access
APTS3	Demand Response Transit Operations	Planned	Linked	No	No	No	Planned	No
APTS4	Transit Passenger and Fare Management	Yes	Linked	Access	No	No	Existing	No
APTS5	Transit Security	Yes	Linked	Consider	Consider	Consider	Existing	No
APTS7	Multi-modal Coordination	Yes	Yes	Implement	Linked	Linked	Yes	Implement
APTS8	Transit Traveler Information	Yes	Yes	Access	No	No	Yes	Access
ATIS1	Broadcast Traveler Information	Yes	Yes	Yes	No	No	Existing	Access
ATIS2	Interactive Traveler Information	Yes	Yes	Yes	No	No	Existing	Access
ATIS8	Dynamic Ridesharing	Yes	Yes	No	No	No	No	No
ATMS01	Network Surveillance	Yes	Yes	Implement	Implement	Implement	Linked	Linked
ATMS02	Probe Surveillance	Yes	Yes	Implement	No	No	Linked	Linked
ATMS03	Surface Street Control	Yes	Yes	Yes (-)	Yes *	Yes	Access	Linked
ATMS04	Freeway Control	Yes	Yes	Yes	Yes	Yes	No	No
ATMS06	Traffic Information Dissemination	Yes	Yes	Yes	Yes **	Yes	No	Consider
ATMS07	Regional Traffic Control	Yes	Yes	Yes	Yes ***	Yes	No	Linked
ATMS08	Incident Management System	Yes	Yes	Consider	Consider	Consider	Linked	Linked
ATMS09	Traffic Forecast and Demand Management	Yes	Yes	No	No	No	Linked	Linked
ATMS11	Emissions Monitoring and Management	Consider	Consider	Consider	No	No	Access	No
ATMS16	Parking Facility Management	Yes	Yes	Yes	No	No	Yes	No
ATMS18	Road Weather Information System	Yes	Yes	Yes	R-6 Mtc	Yes	Access	Linked
ATMS19	Regional Parking Management	Yes	Yes	No	No	No	Yes	No
CVO	Commercial Vehicle Operations Link	Yes	Linked	Consider	No	No	Access	Access
CVO10	HAZMAT Management	Yes	Linked	Consider	R-6 Mtc	Consider	Access	Access
EM1	Emergency Response	Yes	Yes	Linked ****	Linked ****	Linked	Linked	Linked
EM2	Emergency Routing	Yes	Yes	Linked ****	Linked ****	Linked	Linked	Linked

NOTES

ABC Participated in Review through SEC ITS Planning Work Group

ABC Organization to be consulted.

(1) Notes for CDOT Only

(+) Limited to the N. I-25 HOV Facility

(-) Limited to the Incident Management signal timing plans

* Only where CDOT-R6 maintains signals

** Only ramp metering data to Channel 4 and Metro Traffic as we do presently

*** To the extent of CDOT R-6's current projects in this field

**** in compliance with CDOT-R6's current procedures

Recommended Market Packages by Organization for the Southeast Corridor DURING Construction

Market Package Name		Cherry Hills Village	Denver	Englewood	Glendale	Greenwood Village	Lakewood	Littleton
AD1	ITS Data Mart	If Available	Linked	If Available	If Available	Linked	Linked	If Available
AD2	ITS Data Warehouse	No	No	No	No	No	No	No
APTS1	Transit Vehicle Tracking	Access	Access	Access	Access	Access	Access	Access
APTS2	Transit Fixed-Route Operations	Access	Access	Access	Access	Access	Access	Access
APTS3	Demand Response Transit Operations	No	No	No	No	No	No	No
APTS4	Transit Passenger and Fare Management	Access	Access	Access	Access	Access	Access	Access
APTS5	Transit Security	Consider	Consider	Consider	Consider	Consider	Consider	Consider
APTS7	Multi-modal Coordination	Implement	Implement	Implement	Implement	Implement	Implement	Implement
APTS8	Transit Traveler Information	Access	Access	Access	Access	Access	Access	Access
ATIS1	Broadcast Traveler Information	Access	Access	Access	Access	Access	Access	Access
ATIS2	Interactive Traveler Information	Access	Access	Access	Access	Access	Access	Access
ATIS8	Dynamic Ridesharing	Consider	Consider	Consider	Consider	Consider	Consider	Consider
ATMS01	Network Surveillance	Linked	Linked	Linked	Linked	Linked	Linked	Linked
ATMS02	Probe Surveillance	Linked	Linked	Linked	Linked	Linked	Linked	Linked
ATMS03	Surface Street Control	Linked	Linked	Linked	Linked	Linked	Linked	Linked
ATMS04	Freeway Control	No	No	No	No	No	No	No
ATMS06	Traffic Information Dissemination	Linked	Linked	Linked	Linked	Linked	Linked	Linked
ATMS07	Regional Traffic Control	Linked	Linked	Linked	Linked	Linked	Linked	Linked
ATMS08	Incident Management System	Linked	Linked	Linked	Linked	Linked	Linked	Linked
ATMS09	Traffic Forecast and Demand Management	Linked	Linked	Linked	Linked	Linked	Linked	Linked
ATMS11	Emissions Monitoring and Management	Access	Access	Access	Access	Access	Access	Access
ATMS16	Parking Facility Management	Consider	Yes	Consider	Consider	Consider	No	Consider
ATMS18	Road Weather Information System	Access	Access	Access	Access	Access	Implement	Access
ATMS19	Regional Parking Management	Consider	Yes	Consider	Consider	Consider	No	Consider
CVO	Commercial Vehicle Operations Link	Access	Access	Access	Access	Access	Access	Access
CVO10	HAZMAT Management	Access	Linked	Access	Access	Access	Access	Access
EM1	Emergency Response	Linked	Linked	Linked	Linked	Linked	Linked	Linked
EM2	Emergency Routing	Linked	Linked	Linked	Linked	Linked	Linked	Linked

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Recommended Market Packages by Organization for the Southeast Corridor DURING Construction

Market Package Name		Lone Tree	Arapahoe County	Douglas County	Jefferson County	DTC Circulator	DRCOG	Air Quality Agencies
AD1	ITS Data Mart	Linked	If Available	Linked	Linked	If Available	Yes	Access
AD2	ITS Data Warehouse	No	No	No	No	No	Yes	No
APTS1	Transit Vehicle Tracking	Access	Access	Access	Access	Linked	No	Access
APTS2	Transit Fixed-Route Operations	Access	Access	Access	Access	Linked	No	Access
APTS3	Demand Response Transit Operations	No	No	No	No	No	No	No
APTS4	Transit Passenger and Fare Management	Access	Access	Access	Access	If Available	No	Access
APTS5	Transit Security	Consider	Consider	Consider	Consider	Consider	No	No
APTS7	Multi-modal Coordination	Implement	Implement	Implement	Implement	Implement	Access	No
APTS8	Transit Traveler Information	Access	Access	Access	Access	Yes	Access	No
ATIS1	Broadcast Traveler Information	Access	Access	Access	Access	Consider	No	No
ATIS2	Interactive Traveler Information	Access	Access	Access	Access	Consider	Yes	No
ATIS8	Dynamic Ridesharing	Consider	Consider	Consider	Consider	No	Yes	Consider
ATMS01	Network Surveillance	Linked	Linked	Linked	Linked	Linked	Access	Access
ATMS02	Probe Surveillance	Linked	Linked	Linked	Linked	Linked	No	Access
ATMS03	Surface Street Control	Linked	Linked	Linked	Linked	No	Yes	No
ATMS04	Freeway Control	No	No	No	No	No	Access	No
ATMS06	Traffic Information Dissemination	Linked	Linked	Linked	Linked	Linked	Access	No
ATMS07	Regional Traffic Control	Linked	Linked	Linked	Linked	No	Consider	No
ATMS08	Incident Management System	Linked	Linked	Linked	Linked	Linked	Yes	No
ATMS09	Traffic Forecast and Demand Management	Linked	Linked	Linked	Linked	Linked	Yes	No
ATMS11	Emissions Monitoring and Management	Access	Access	Access	Access	Access	Yes	Consider
ATMS16	Parking Facility Management	Consider	Consider	Consider	Consider	Yes	No	No
ATMS18	Road Weather Information System	Access	Access	Access	Access	Access	No	Access
ATMS19	Regional Parking Management	Consider	Consider	Consider	Consider	Yes	No	No
CVO	Commercial Vehicle Operations Link	Access	Access	Access	Access	Access	No	Access
CVO10	HAZMAT Management	Access	Access	Access	Access	Access	No	Access
EM1	Emergency Response	Linked	Linked	Linked	Linked	Linked	No	No
EM2	Emergency Routing	Linked	Linked	Linked	Linked	Linked	No	No

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Recommended Market Packages by Organization for the Southeast Corridor DURING Construction

Market Package Name		E-470 Authority	Emergency Mgt. Organizations	Information Service Providers	JSPIA	TMA's	DIA	Colo. Motor Carriers Assoc.
AD1	ITS Data Mart	Access	If Available	Access	Access	Access	Access	Access
AD2	ITS Data Warehouse	No	No	No	No	No	No	No
APTS1	Transit Vehicle Tracking	No	Access	Access	No	Access	Access	No
APTS2	Transit Fixed-Route Operations	No	No	Access	No	Access	Access	No
APTS3	Demand Response Transit Operations	No	No	Access	No	Access	No	No
APTS4	Transit Passenger and Fare Management	No	No	Access	No	Access	No	No
APTS5	Transit Security	No	No	No	No	Consider	Existing	No
APTS7	Multi-modal Coordination	No	No	No	No	No	No	No
APTS8	Transit Traveler Information	No	No	Access	Linked	Linked	Access	No
ATIS1	Broadcast Traveler Information	Access	Linked	Access	Linked	Linked	Access	Access
ATIS2	Interactive Traveler Information	Access	Linked	Access	Linked	Linked	Access	Access
ATIS8	Dynamic Ridesharing	Access	No	Access	Linked	Linked	Access	No
ATMS01	Network Surveillance	Linked	Linked	Linked	No	No	Access	No
ATMS02	Probe Surveillance	Linked	Linked	Linked	No	No	Access	No
ATMS03	Surface Street Control	No	No	No	No	No	No	No
ATMS04	Freeway Control	No	No	No	No	No	No	No
ATMS06	Traffic Information Dissemination	Linked	Linked	No	No	No	Linked	No
ATMS07	Regional Traffic Control	Linked	No	No	No	No	Access	No
ATMS08	Incident Management System	Linked	Linked	Linked	No	No	Linked	No
ATMS09	Traffic Forecast and Demand Management	Linked	Linked	Linked	Access	Access	Linked	Access
ATMS11	Emissions Monitoring and Management	Access	No	Access	No	No	No	No
ATMS16	Parking Facility Management	No	No	Access	Access	Access	Access	No
ATMS18	Road Weather Information System	Access	Linked	Linked	Access	Access	Access	Access
ATMS19	Regional Parking Management	No	No	Access	Access	Access	Access	No
CVO	Commercial Vehicle Operations Link	Access	Linked	Access	Access	Access	Access	Access
CVO10	HAZMAT Management	Access	Linked	No	No	No	Access	Access
EM1	Emergency Response	Linked	Linked	No	No	No	Linked	No
EM2	Emergency Routing	Linked	Linked	No	No	No	Linked	No

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Recommended Market Packages by Organization for the Southeast Corridor AFTER Construction

Market Package Name		After Construction	Southeast Corridor Project	CDOT CTMS (1)	CDOT Region 6 (1)	CDOT Region 1 (1)	RTD	Aurora
AD1	ITS Data Mart	If Available	No	Linked			Linked	Linked
AD2	ITS Data Warehouse	Yes	Transfer	No	No	No	No	No
APTS1	Transit Vehicle Tracking	Yes	Transfer	Access	No	No	Existing	Access
APTS2	Transit Fixed-Route Operations	Yes	Transfer	Access	No	No	Existing	Access
APTS3	Demand Response Transit Operations	Yes	Transfer	No	No	No	Yes	No
APTS4	Transit Passenger and Fare Management	Yes	Transfer	Access	No	Access	Existing	No
APTS5	Transit Security	Yes	Transfer	Consider	Consider	Consider	Existing	No
APTS7	Multi-modal Coordination	Yes	Transfer	Implement	Linked	Linked	Yes	Implement
APTS8	Transit Traveler Information	Yes	Transfer	Access	No	No	Yes	Access
ATIS1	Broadcast Traveler Information	Yes	Transfer	Yes	No	No	Existing	Access
ATIS2	Interactive Traveler Information	Yes	Transfer	Yes	No	No	Existing	Access
ATIS8	Dynamic Ridesharing	Yes	Transfer	No	No	No	No	No
ATMS01	Network Surveillance	Yes	Transfer	Implement	Implement	Implement	Linked	Linked
ATMS02	Probe Surveillance	Yes	Transfer	Implement	No	No	Linked	Linked
ATMS03	Surface Street Control	Yes	Transfer	Yes (-)	Yes *	Yes	Access	Linked
ATMS04	Freeway Control	Yes	Transfer	Yes	Yes	Yes	No	No
ATMS06	Traffic Information Dissemination	Yes	Transfer	Yes	Yes **	Yes	No	Implement
ATMS07	Regional Traffic Control	Yes	Transfer	Yes	Yes ***	Yes	Access	Linked
ATMS08	Incident Management System	Yes	Transfer	Consider	Consider	Yes	Linked	Linked
ATMS09	Traffic Forecast and Demand Management	Yes	Transfer	No	No	Yes	Linked	Linked
ATMS11	Emissions Monitoring and Management	Yes	Transfer	Consider	No	No	Access	No
ATMS16	Parking Facility Management	Yes	Transfer	Yes	No	No	Yes	No
ATMS18	Road Weather Information System	Yes	Transfer	Yes	R-6 Mtc	Yes	Access	Linked
ATMS19	Regional Parking Management	Yes	Transfer	No	No	No	Yes	No
CVO	Commercial Vehicle Operations Link	Yes	Transfer	Consider	No	No	Access	Access
CVO10	HAZMAT Management	Yes	Transfer	Consider	R-6 Mtc	Consider	Access	Access
EM1	Emergency Response	Yes	Transfer	Linked ****	Linked ****	Linked	Linked	Linked
EM2	Emergency Routing	Yes	Transfer	Linked ****	Linked ****	Linked	Linked	Linked

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(1) Notes for CDOT Only

* Only at ramp termini where CDOT-R6 maintains signals

** Only ramp metering data to Channel 4 and Metro Traffic as we do presently

*** To the extent of CDOT R-6's current projects in this field

**** in compliance with CDOT-R6's current procedures

Recommended Market Packages by Organization for the Southeast Corridor AFTER Construction

Market Package Name		Cherry Hills Village	Denver	Englewood	Glendale	Greenwood Village	Lakewood	Littleton
AD1	ITS Data Mart	Linked	Linked	If Available	Linked	Linked	Linked	Linked
AD2	ITS Data Warehouse	No	No	No	No	No	No	No
APTS1	Transit Vehicle Tracking	Access	Access	Access	Access	Access	Access	Access
APTS2	Transit Fixed-Route Operations	Access	Access	Access	Access	Access	Access	Access
APTS3	Demand Response Transit Operations	No	No	No	No	No	No	No
APTS4	Transit Passenger and Fare Management	Access	Access	Access	Access	Access	Access	Access
APTS5	Transit Security	Implement	Implement	Implement	Implement	Implement	Implement	Implement
APTS7	Multi-modal Coordination	Implement	Implement	Implement	Implement	Implement	Implement	Implement
APTS8	Transit Traveler Information	Access	Access	Access	Access	Access	Access	Access
ATIS1	Broadcast Traveler Information	Access	Access	Access	Access	Access	Access	Access
ATIS2	Interactive Traveler Information	Access	Access	Access	Access	Access	Access	Access
ATIS8	Dynamic Ridesharing	Implement	Implement	Implement	Implement	Implement	Implement	Implement
ATMS01	Network Surveillance	Linked	Linked	Linked	Linked	Linked	Linked	Linked
ATMS02	Probe Surveillance	Linked	Linked	Linked	Linked	Linked	Linked	Linked
ATMS03	Surface Street Control	Linked	Linked	Linked	Linked	Linked	Linked	Linked
ATMS04	Freeway Control	No	No	No	No	No	No	No
ATMS06	Traffic Information Dissemination	Implement	Implement	Implement	Implement	Implement	Implement	Implement
ATMS07	Regional Traffic Control	Linked	Linked	Linked	Linked	Linked	Linked	Linked
ATMS08	Incident Management System	Linked	Linked	Linked	Linked	Linked	Linked	Linked
ATMS09	Traffic Forecast and Demand Management	Linked	Linked	Linked	Linked	Linked	Linked	Linked
ATMS11	Emissions Monitoring and Management	Access	Access	Access	Access	Access	Access	Access
ATMS16	Parking Facility Management	Implement	Yes	Implement	Implement	Implement	No	Implement
ATMS18	Road Weather Information System	Access	Access	Access	Access	Access	Implement	Access
ATMS19	Regional Parking Management	Implement	Yes	Implement	Implement	Implement	No	Implement
CVO	Commercial Vehicle Operations Link	Access	Access	Access	Access	Access	Access	Access
CVO10	HAZMAT Management	Access	Access	Access	Access	Access	Access	Access
EM1	Emergency Response	Linked	Linked	Linked	Linked	Linked	Linked	Linked
EM2	Emergency Routing	Linked	Linked	Linked	Linked	Linked	Linked	Linked

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Organization to be consulted.

Recommended Market Packages by Organization for the Southeast Corridor AFTER Construction

Market Package Name		Lone Tree	Arapahoe County	Douglas County	Jefferson County	DTC Circulator	DRCOG	Air Quality Agencies
AD1	ITS Data Mart	Linked	Linked	Linked	Linked	Linked	Yes	Access
AD2	ITS Data Warehouse	No	No	No	No	No	Yes	No
APTS1	Transit Vehicle Tracking	Access	Access	Access	Access	Linked	no	Access
APTS2	Transit Fixed-Route Operations	Access	Access	Access	Access	Linked	no	Access
APTS3	Demand Response Transit Operations	No	No	No	No	Yes	No	No
APTS4	Transit Passenger and Fare Management	Access	Access	Access	Access	Implement	no	Access
APTS5	Transit Security	Implement	Implement	Implement	Implement	Implement	no	No
APTS7	Multi-modal Coordination	Implement	Implement	Implement	Implement	Implement	Yes	No
APTS8	Transit Traveler Information	Access	Access	Access	Access	Yes	Yes	No
ATIS1	Broadcast Traveler Information	Access	Access	Access	Access	Implement	no	No
ATIS2	Interactive Traveler Information	Access	Access	Access	Access	Implement	Yes	No
ATIS8	Dynamic Ridesharing	Implement	Implement	Implement	Implement	No	Yes	Implement
ATMS01	Network Surveillance	Linked	Linked	Linked	Linked	Linked	Yes	Access
ATMS02	Probe Surveillance	Linked	Linked	Linked	Linked	Linked	Linked	Access
ATMS03	Surface Street Control	Linked	Linked	Linked	Linked	No	Yes	No
ATMS04	Freeway Control	No	No	No	No	No	Access	No
ATMS06	Traffic Information Dissemination	Implement	Implement	Implement	Implement	No	Access	No
ATMS07	Regional Traffic Control	Linked	Linked	Linked	Linked	No	Consider	No
ATMS08	Incident Management System	Linked	Linked	Linked	Linked	Linked	Yes	No
ATMS09	Traffic Forecast and Demand Management	Linked	Linked	Linked	Linked	Linked	Yes	No
ATMS11	Emissions Monitoring and Management	Access	Access	Access	Access	Access	Yes	Implement
ATMS16	Parking Facility Management	Implement	Implement	Implement	Implement	Yes	No	No
ATMS18	Road Weather Information System	Access	Access	Access	Access	Access	No	Access
ATMS19	Regional Parking Management	Implement	Implement	Implement	Implement	Yes	No	No
CVO	Commercial Vehicle Operations Link	Access	Access	Access	Access	Access	No	Access
CVO10	HAZMAT Management	Access	Access	Access	Access	Access	No	Access
EM1	Emergency Response	Linked	Linked	Linked	Linked	Linked	No	No
EM2	Emergency Routing	Linked	Linked	Linked	Linked	Linked	No	No

NOTES

ABC Participated in Review through SEC ITS Planning Work Group

ABC Organization to be consulted.

Recommended Market Packages by Organization for the Southeast Corridor AFTER Construction

Market Package Name		E-470 Authority	Emergency Mgt. Organizations	Information Service Providers	JSPIA	TMA's	DIA	Colo. Motor Carriers Assoc.
AD1	ITS Data Mart	Access	Linked	Access	Access	Access	Access	Access
AD2	ITS Data Warehouse	No	No	No	No	No	No	No
APTS1	Transit Vehicle Tracking	No	Access	Access	No	Access	Access	No
APTS2	Transit Fixed-Route Operations	No	No	Access	No	Access	Access	No
APTS3	Demand Response Transit Operations	No	No	Access	No	Access	No	No
APTS4	Transit Passenger and Fare Management	No	No	Access	No	Access	No	No
APTS5	Transit Security	No	No	No	No	Implement	Existing	No
APTS7	Multi-modal Coordination	No	No	No	No	No	No	No
APTS8	Transit Traveler Information	No	No	Access	Linked	Linked	Access	No
ATIS1	Broadcast Traveler Information	Access	Linked	Access	Linked	Linked	Access	Access
ATIS2	Interactive Traveler Information	Access	Linked	Access	Linked	Linked	Access	Access
ATIS8	Dynamic Ridesharing	Access	No	Access	Linked	Linked	Access	No
ATMS01	Network Surveillance	Linked	Linked	Linked	No	No	Access	No
ATMS02	Probe Surveillance	Linked	Linked	Linked	No	No	Access	No
ATMS03	Surface Street Control	No	No	No	No	No	No	No
ATMS04	Freeway Control	No	No	No	No	No	No	No
ATMS06	Traffic Information Dissemination	Linked	Linked	No	No	No	Linked	No
ATMS07	Regional Traffic Control	Linked	No	No	No	No	Access	No
ATMS08	Incident Management System	Linked	Linked	Linked	No	No	Linked	No
ATMS09	Traffic Forecast and Demand Management	Linked	Linked	Linked	Access	Access	Linked	Access
ATMS11	Emissions Monitoring and Management	Access	No	Access	No	No	No	No
ATMS16	Parking Facility Management	No	No	Access	Access	Access	Access	No
ATMS18	Road Weather Information System	Access	Linked	Linked	Access	Access	Access	Access
ATMS19	Regional Parking Management	No	No	Access	Access	Access	Access	No
CVO	Commercial Vehicle Operations Link	Access	Linked	Access	Access	Access	Access	Access
CVO10	HAZMAT Management	Access	Linked	No	No	No	Access	Access
EM1	Emergency Response	Linked	Linked	No	No	No	Linked	No
EM2	Emergency Routing	Linked	Linked	No	No	No	Linked	No

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