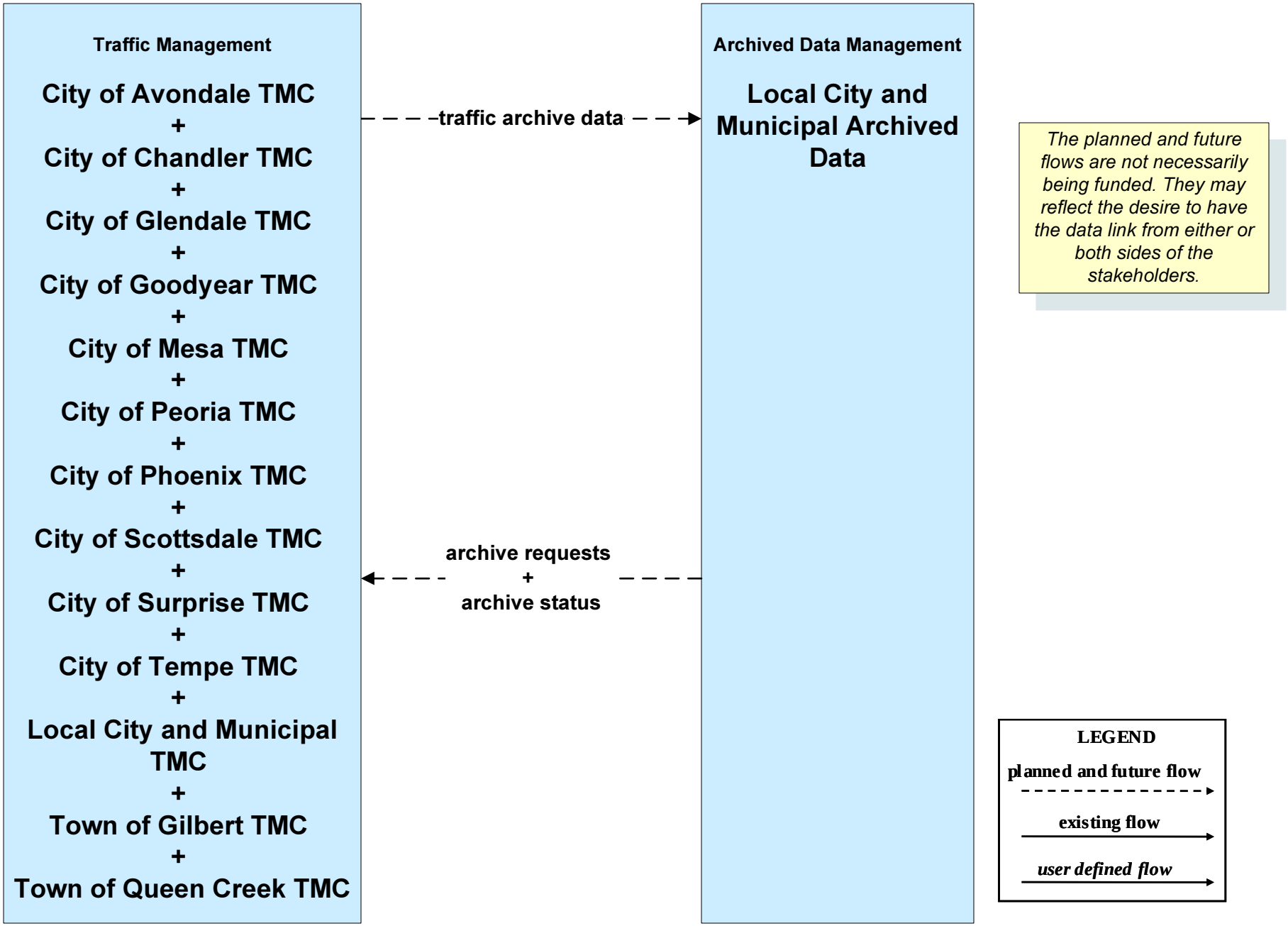
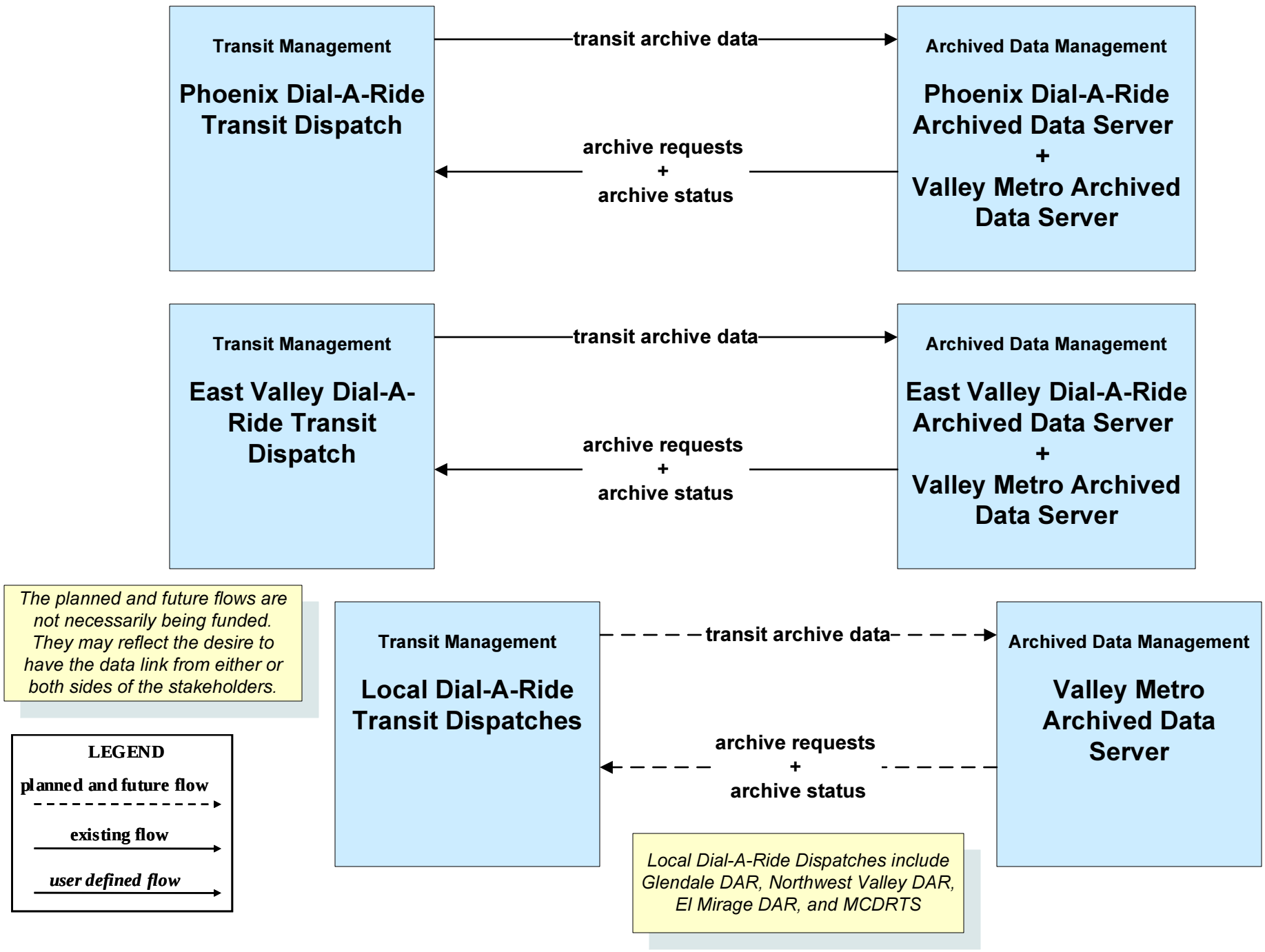
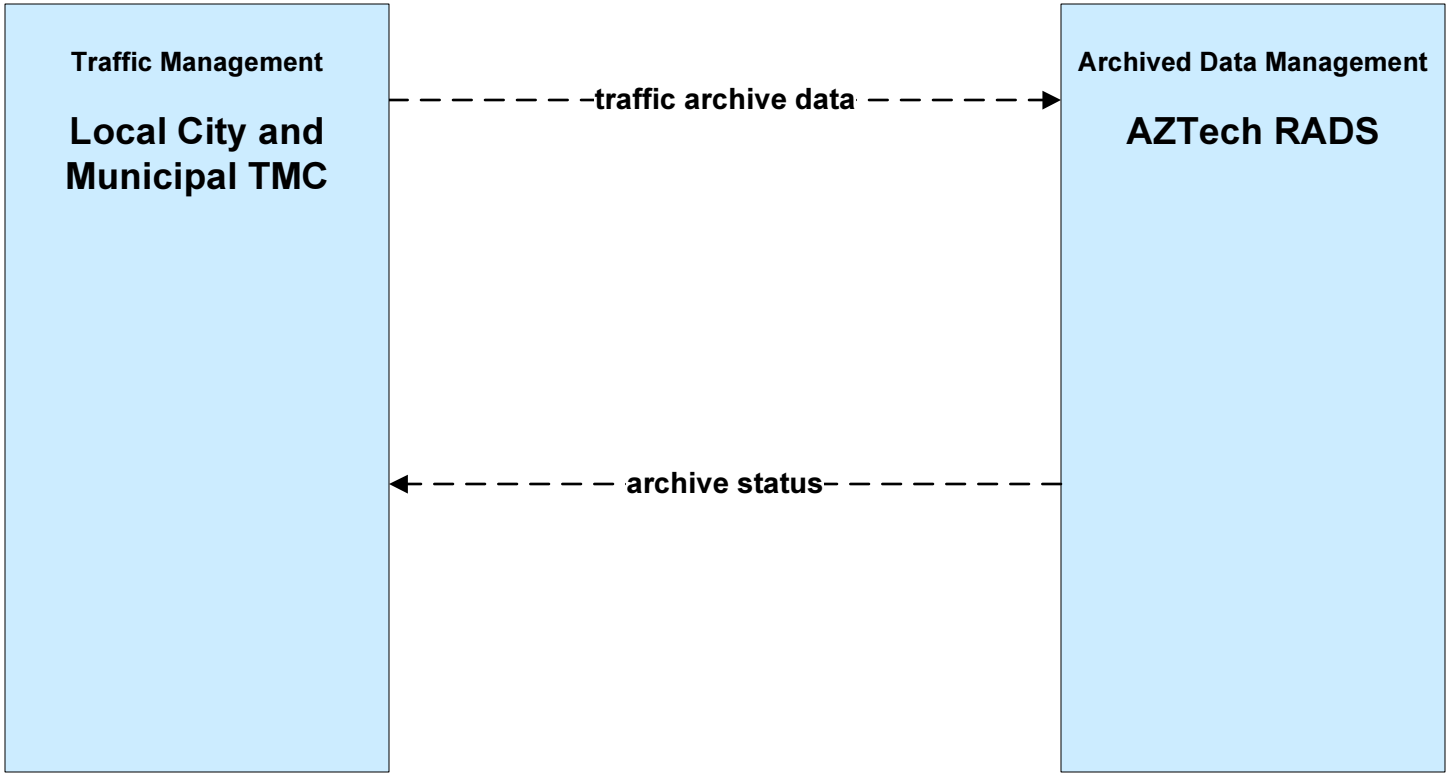
AD1 - ITS Data Mart
Local Archives



AD1 - ITS Data Mart
Local Dial-A-Ride Transit Systems



AD2 - ITS Data Warehouse
AZTech RADS - Generic



LEGEND

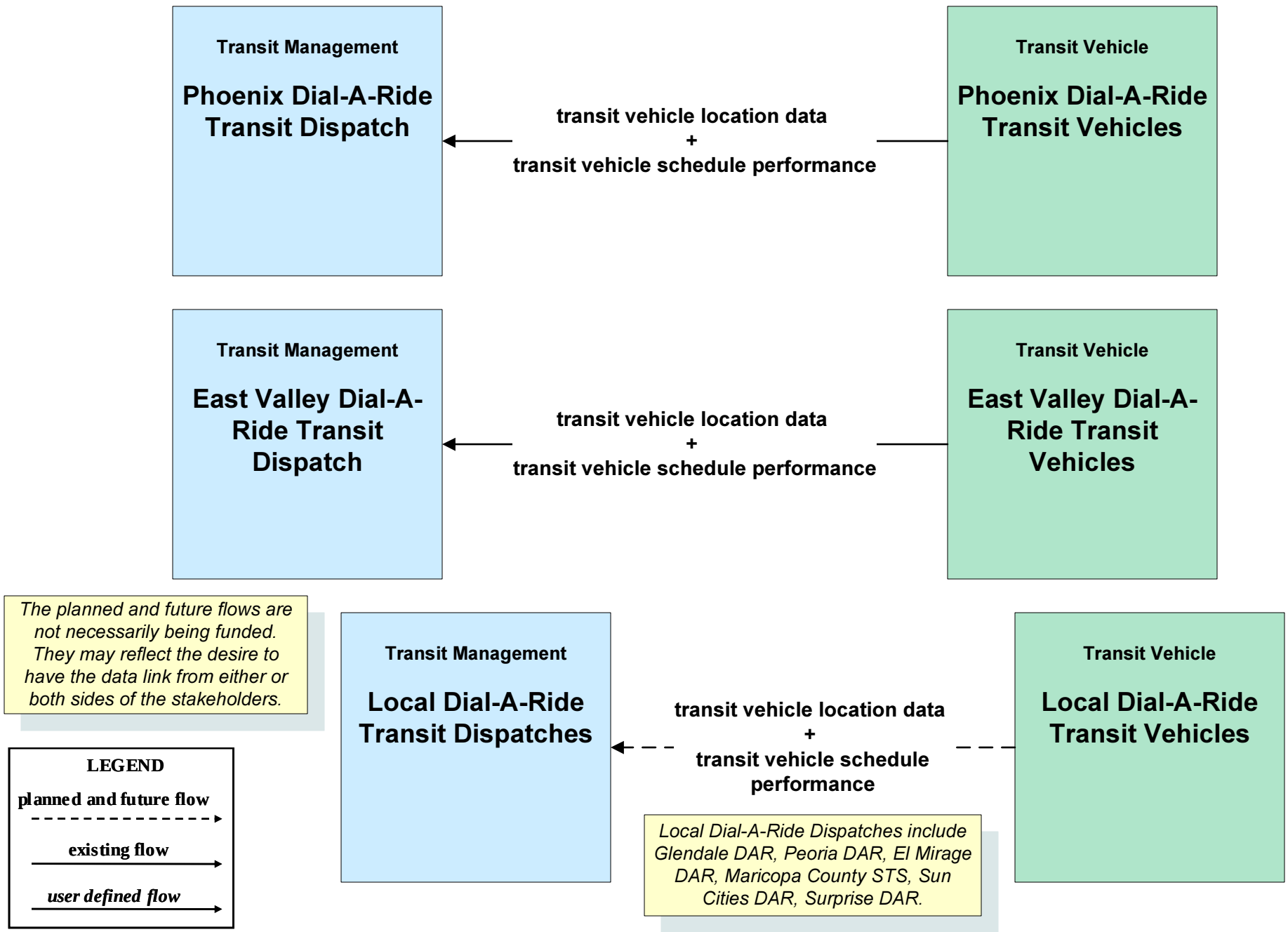
planned and future flow

existing flow

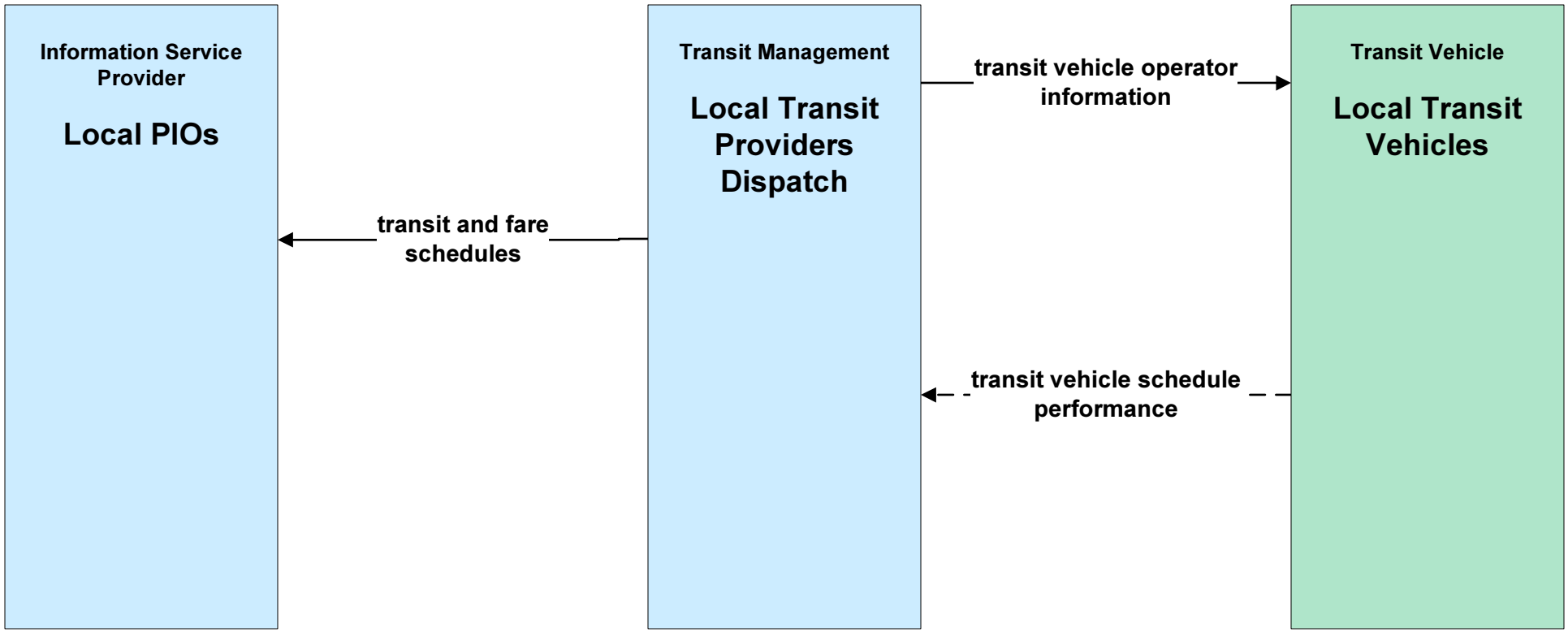
user defined flow

The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

APTS01 - Transit Vehicle Tracking
Local Dial-A-Ride Transit Systems



APTS02 - Transit Fixed-Route Operations
Local Transit Systems



LEGEND

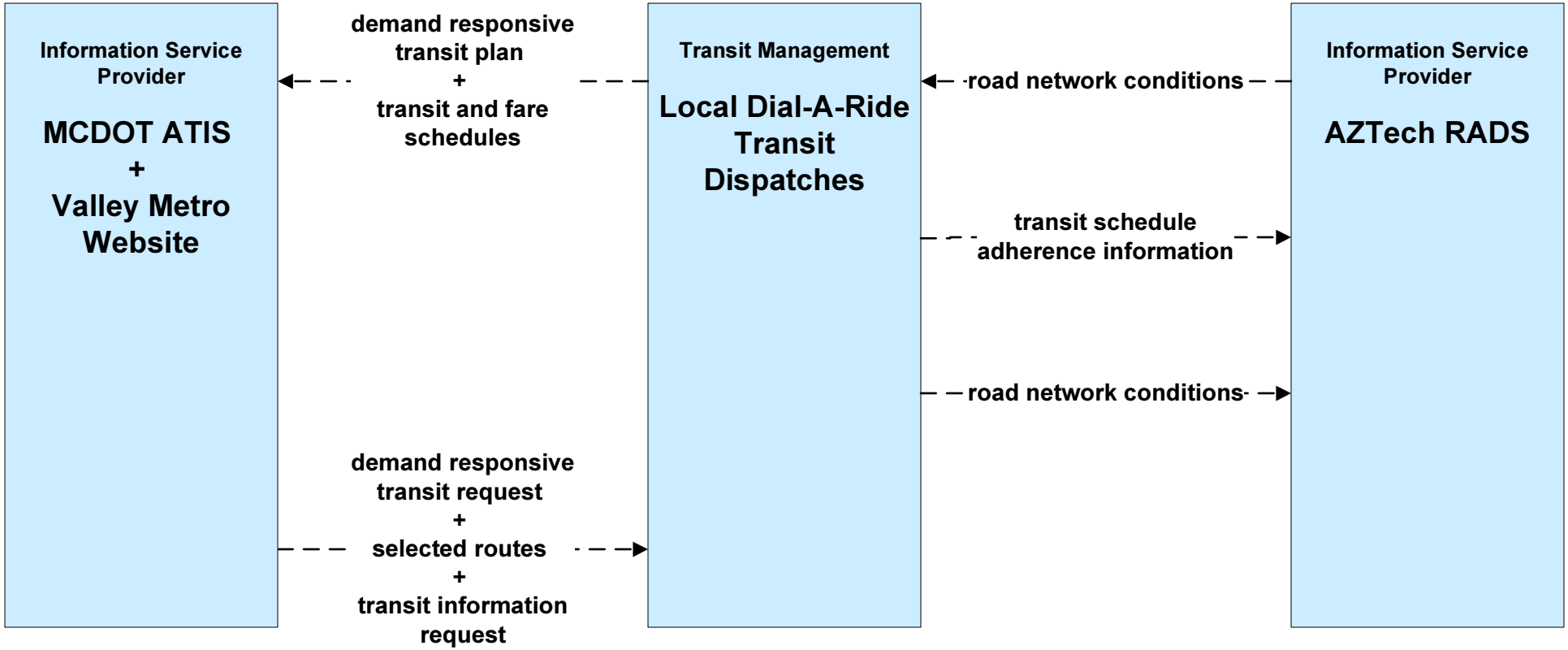
planned and future flow

existing flow

user defined flow

The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

APTS03 - Demand Response Transit Operations
Local Dial-A-Ride Transit Systems (1 of 2)



LEGEND

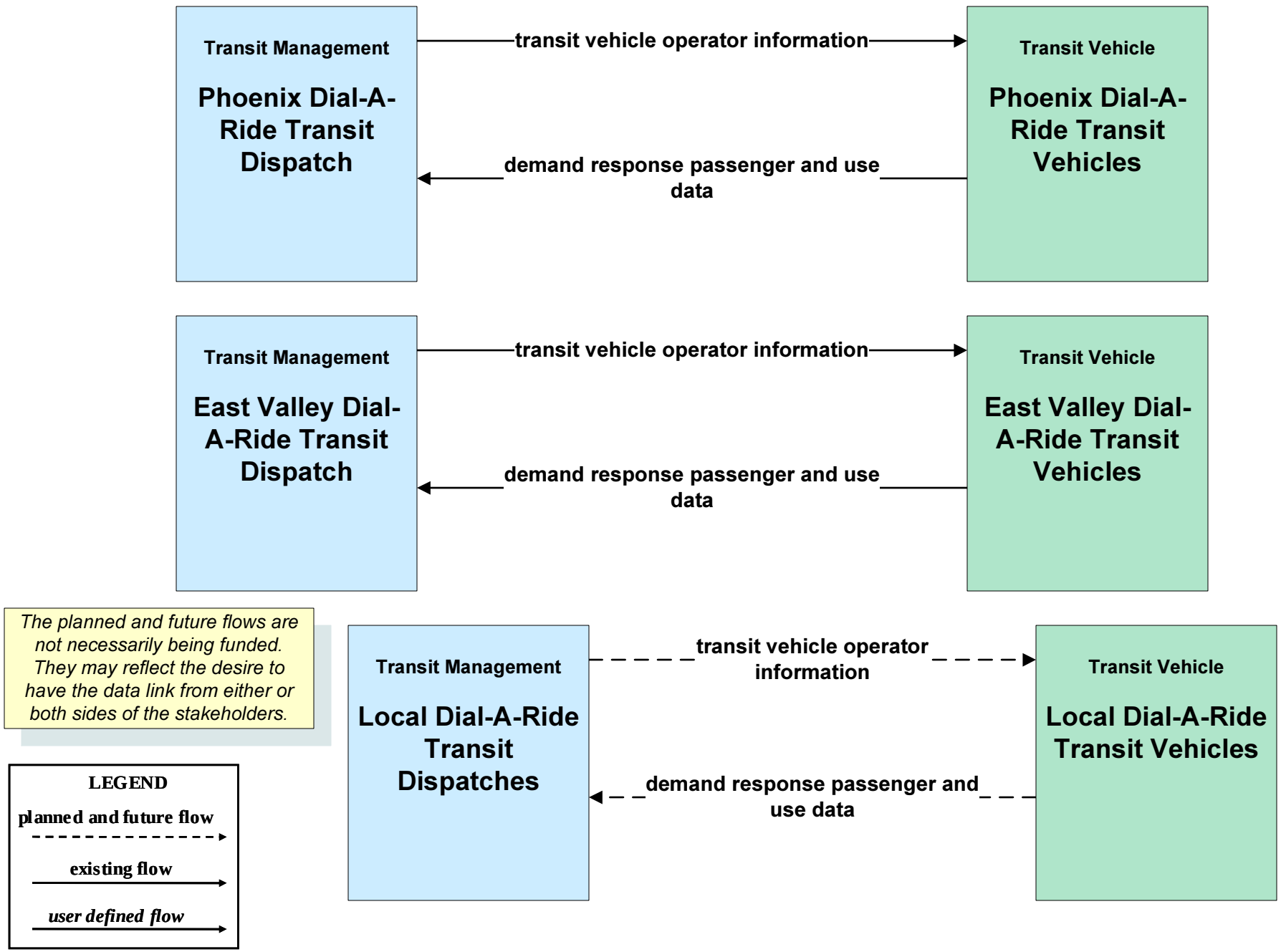
planned and future flow

existing flow

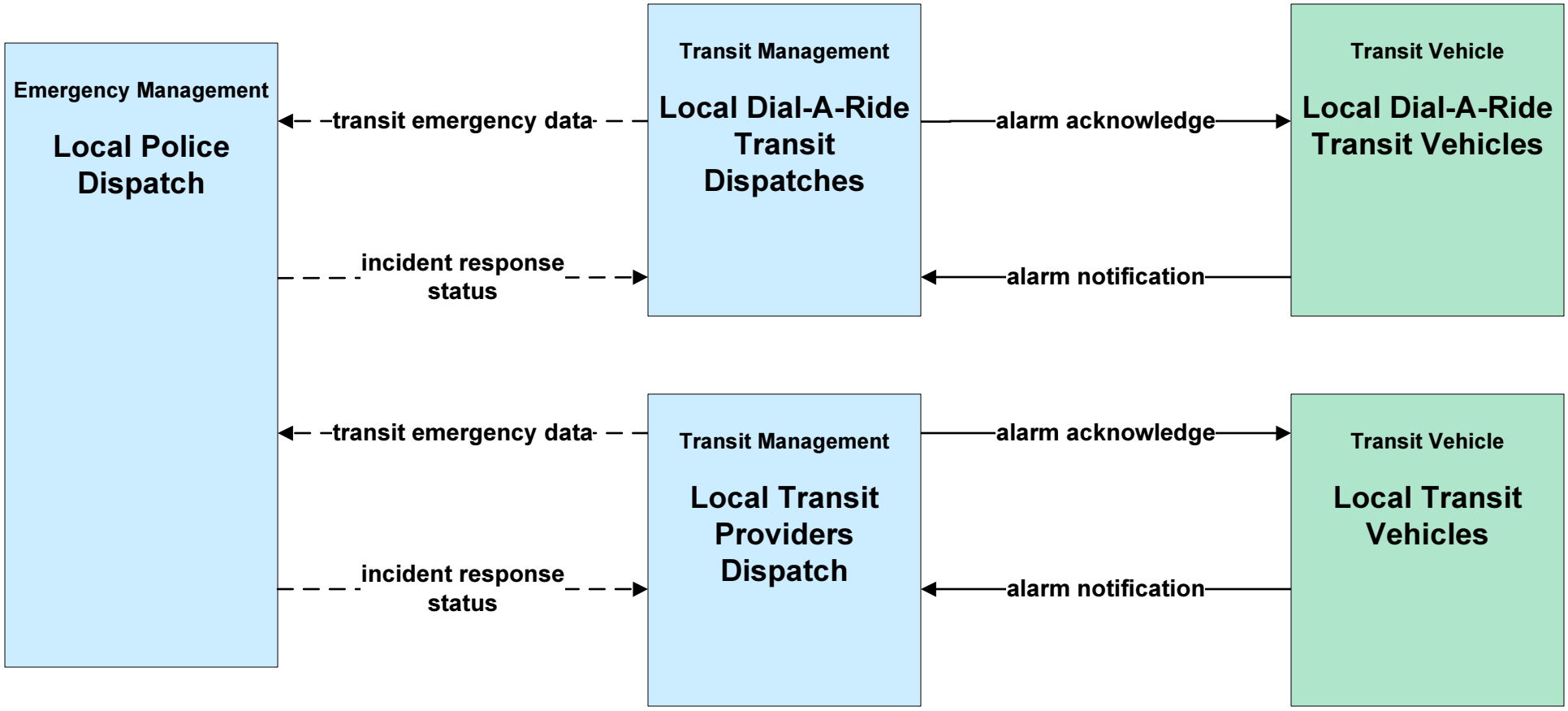
user defined flow

The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

APTS03 - Demand Response Transit Operations
Local Dial-A-Ride Transit Systems (2 of 2)



APTS05 - Transit Security
Local Dial-A-Ride and Local Transit Systems



LEGEND

planned and future flow

existing flow

user defined flow

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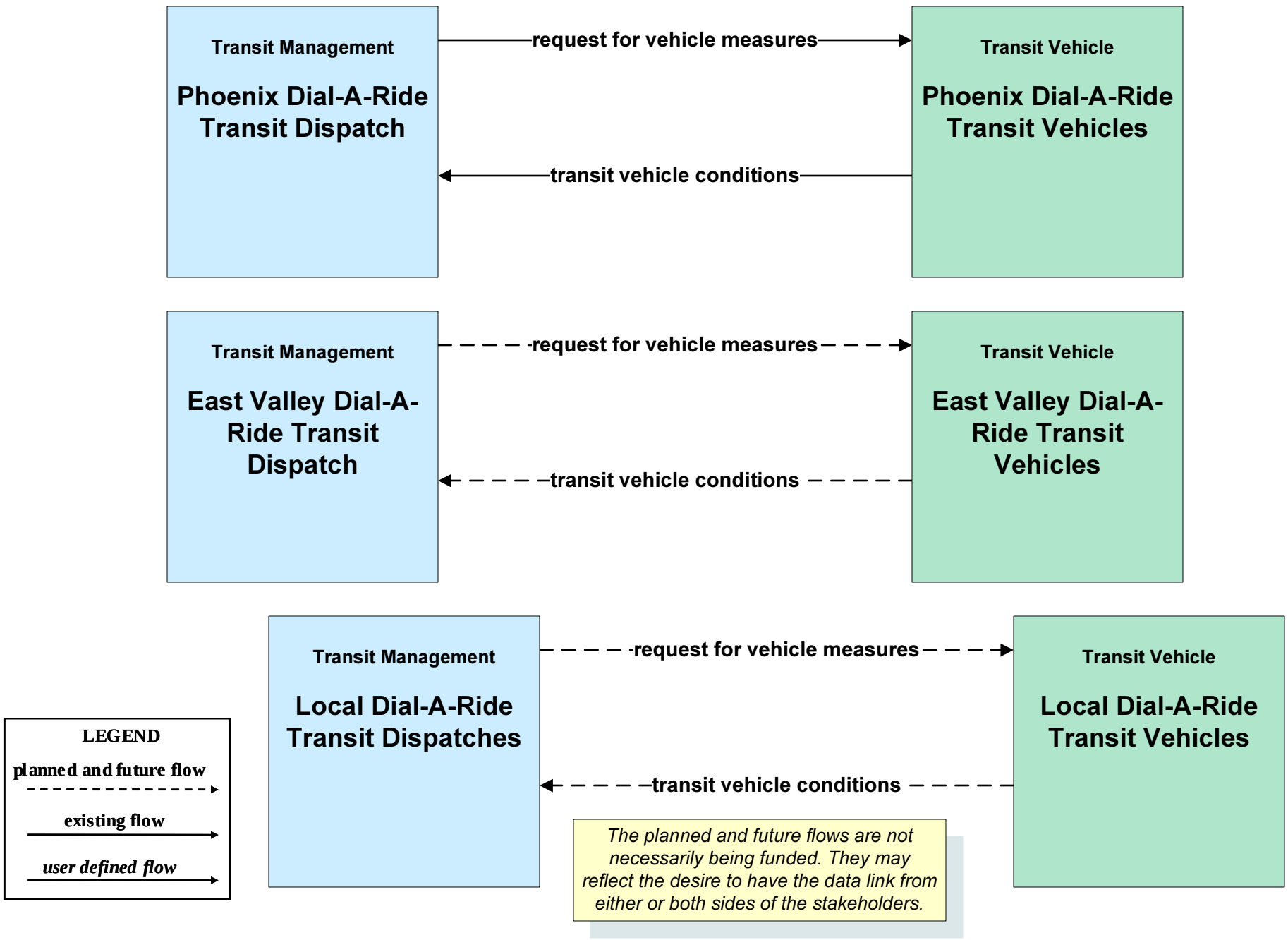
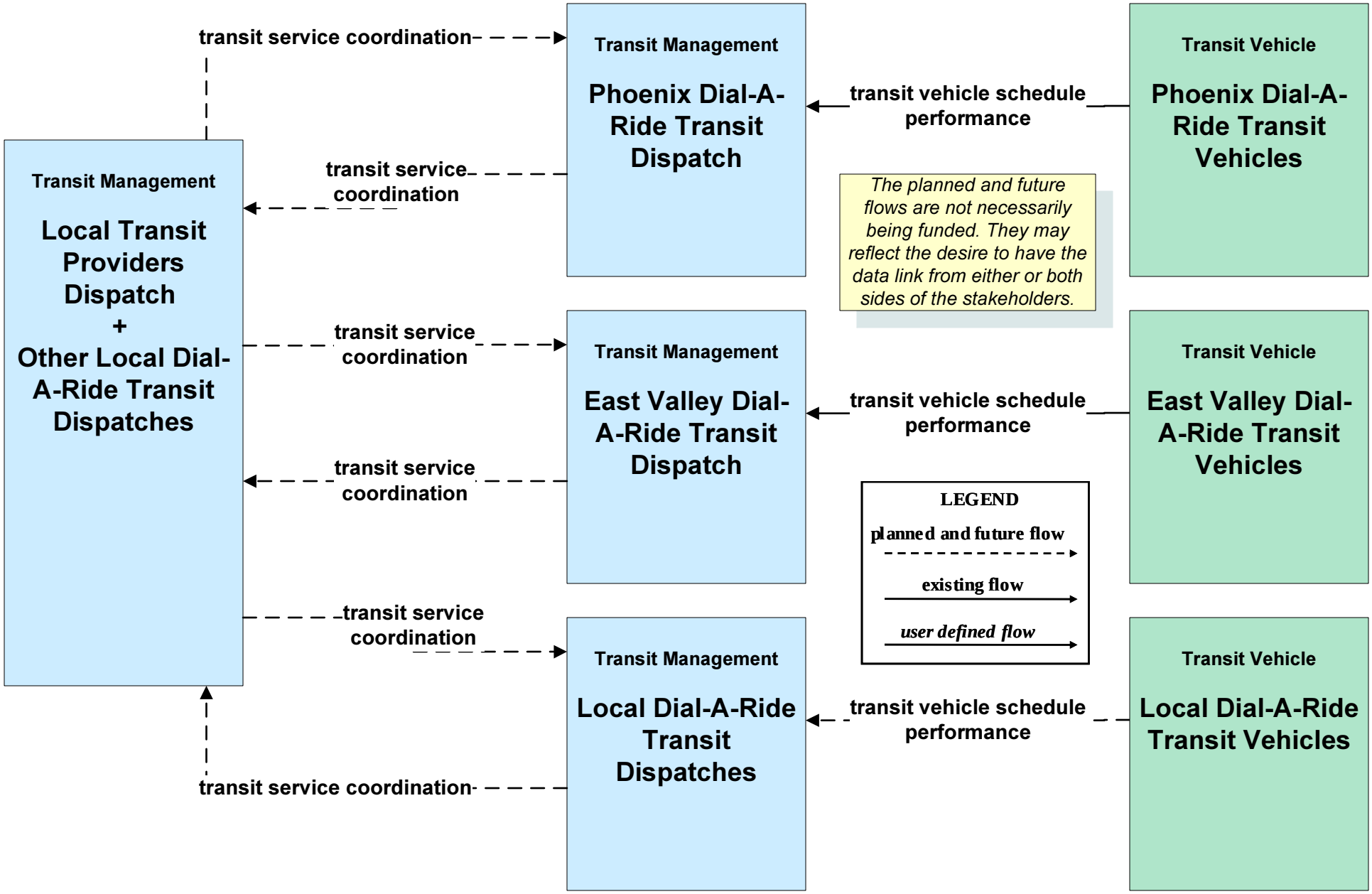
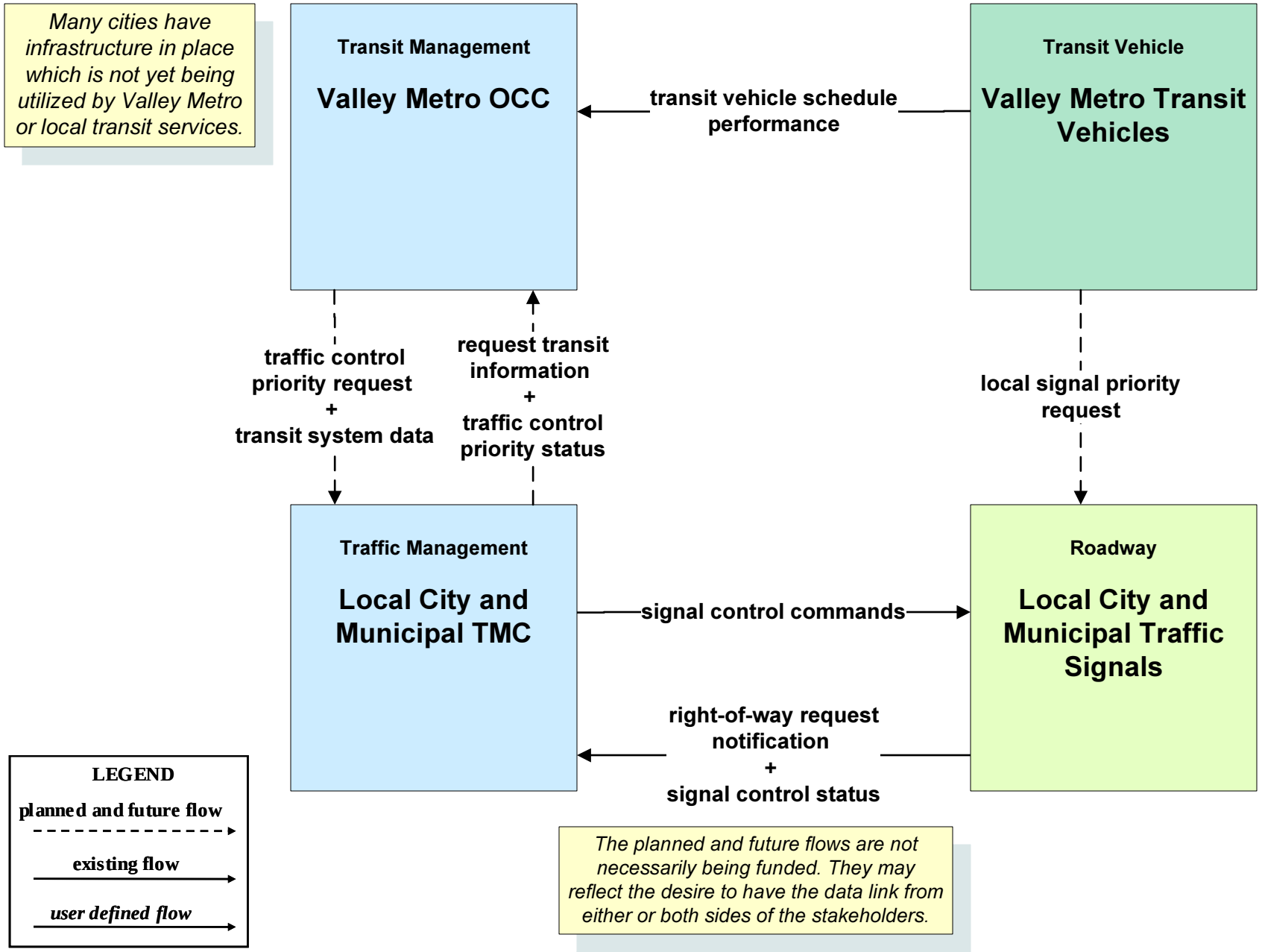
APTS06 - Transit Fleet Management
Local Dial-A-Ride Transit Systems



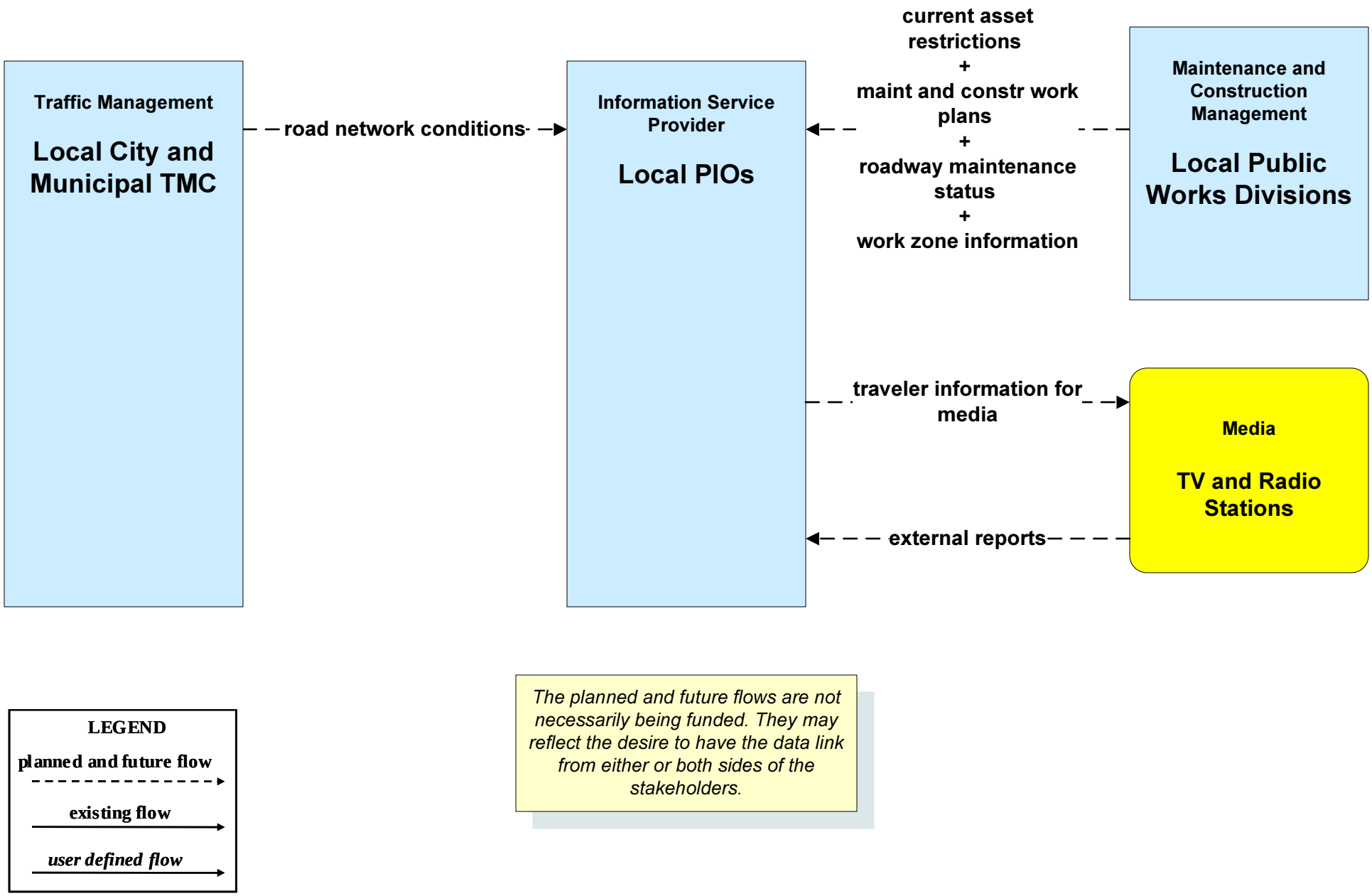
APTS07 - Multi-modal Coordination
Local Dial-A-Ride Transit Systems



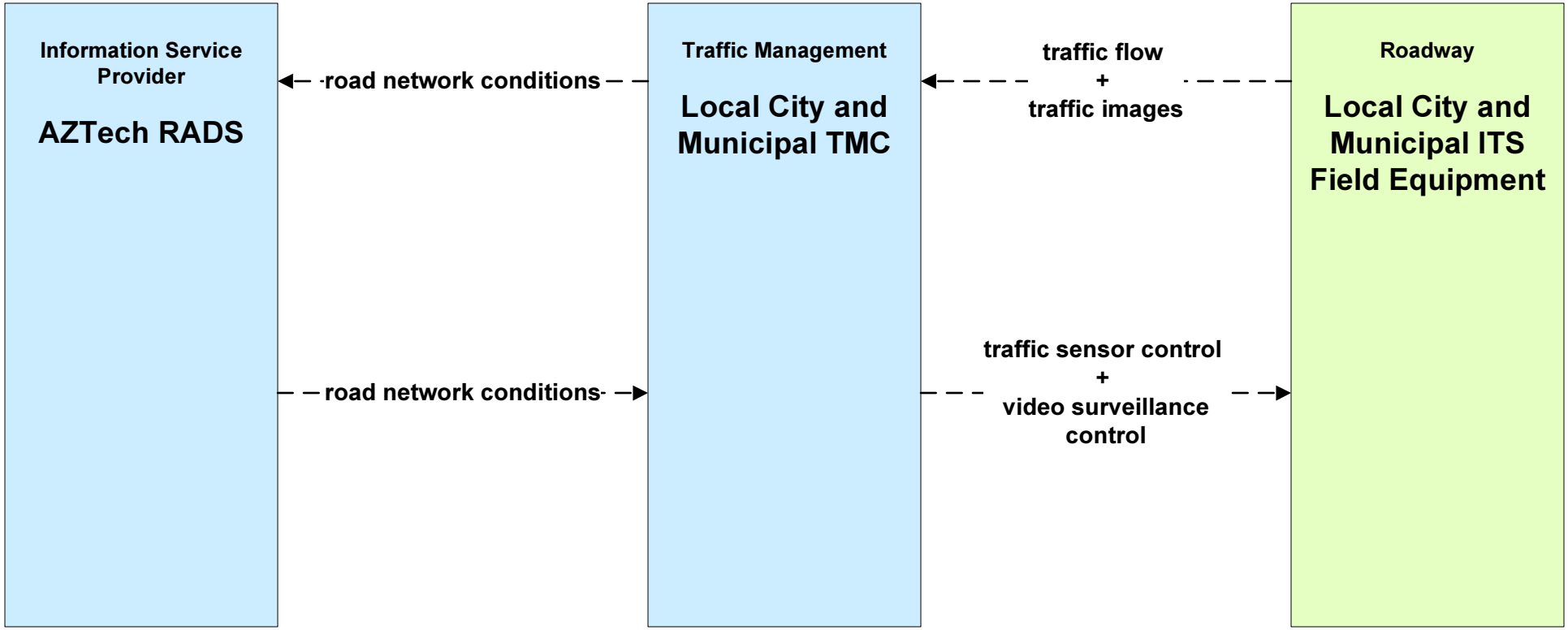
APTS09 – Transit Signal Priority
Valley Metro – Local Cities and Municipalities - Generic



ATIS01 - Broadcast Traveler Information
Local Cities and Municipalities - Generic



ATMS01 - Network Surveillance
Local Cities and Municipalities - Generic



LEGEND

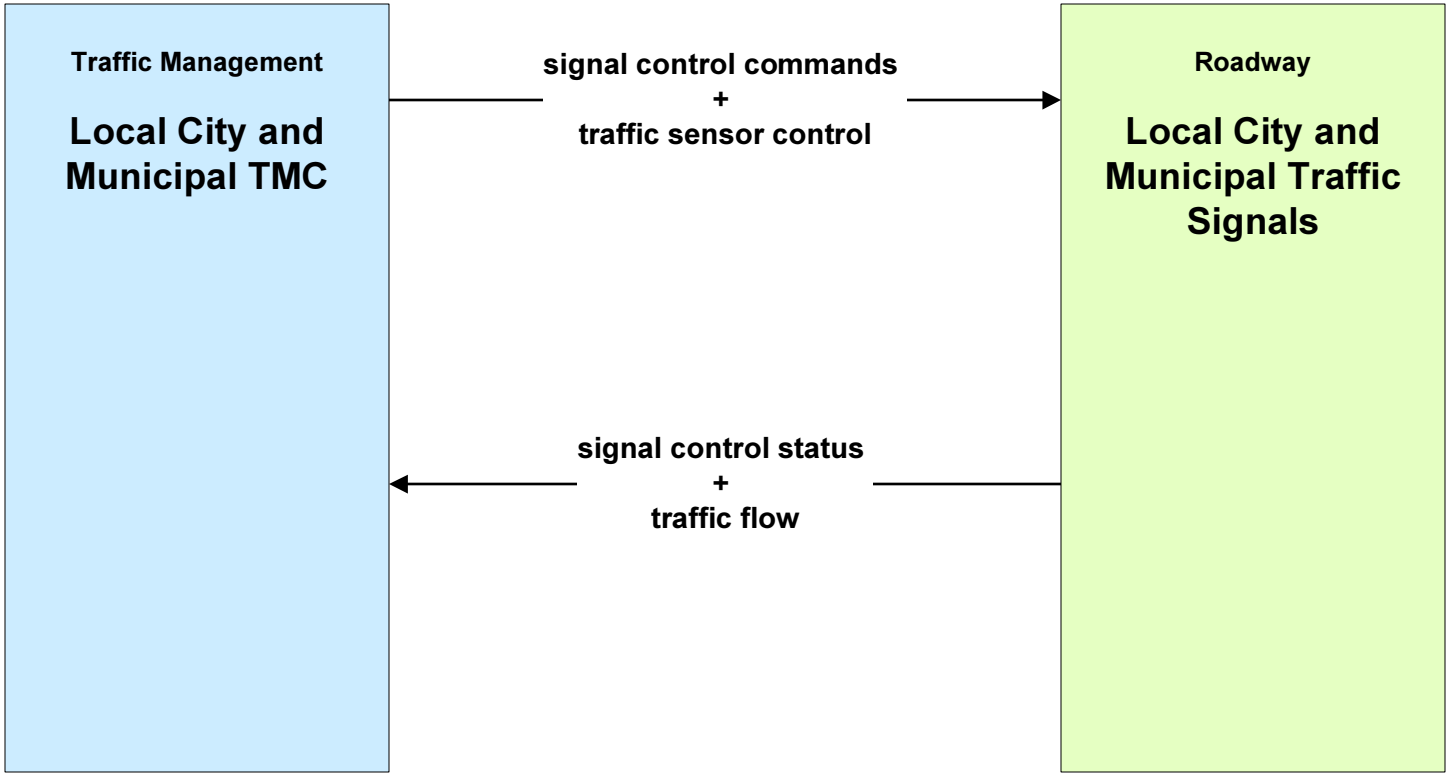
planned and future flow

existing flow

user defined flow

The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

ATMS03 - Traffic Signal Control
Local Cities and Municipalities - Generic



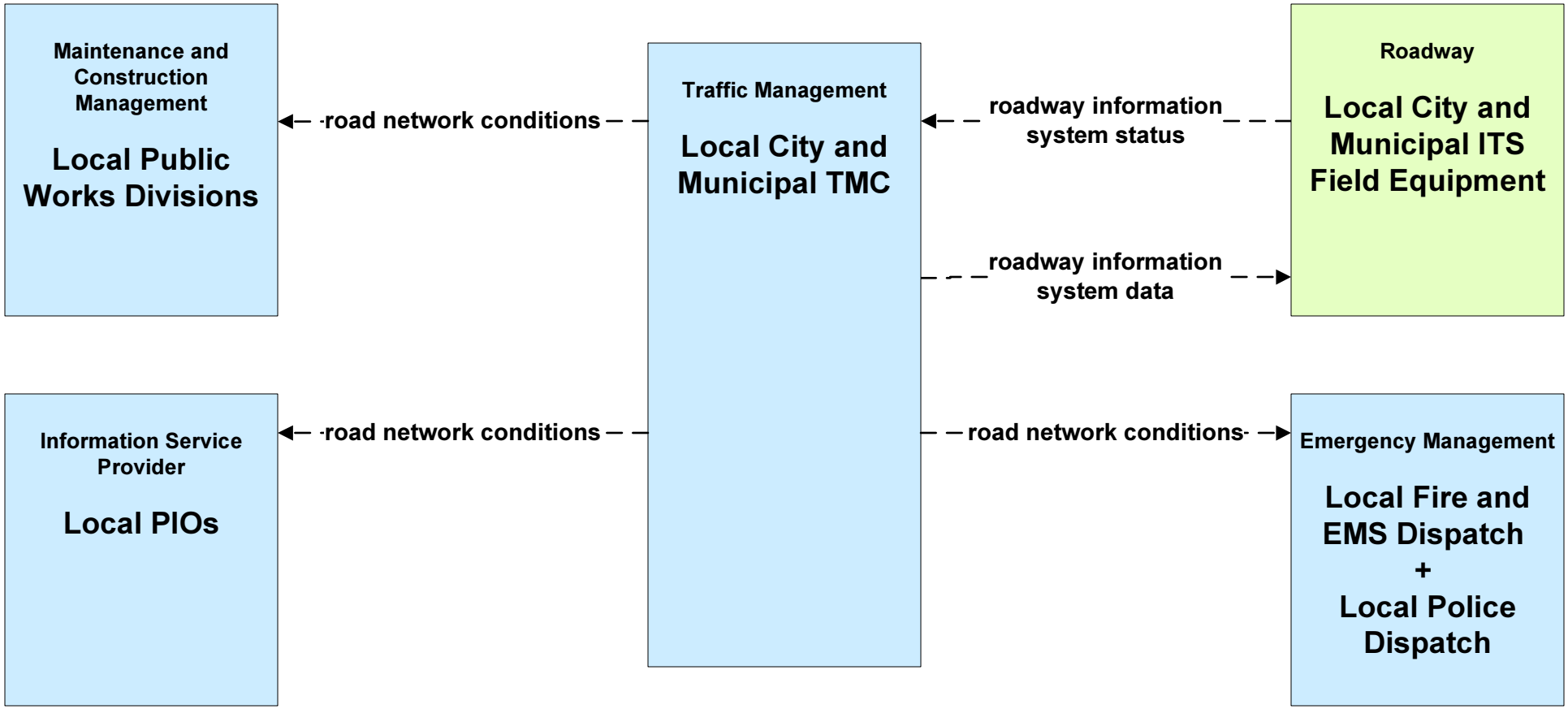
LEGEND

planned and future flow

existing flow

user defined flow

ATMS06 - Traffic Information Dissemination
Local Cities and Municipalities - Generic



LEGEND

planned and future flow

existing flow

user defined flow

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ATMS07 - Regional Traffic Management
AZTech C2C TMS Network

Note that traffic information coordination references the following information only for the purpose of this service package -- incidents, congestion data, traffic data, signal timing plans, and real-time signal control information.

Traffic Management

ADOT FMS
+
City of Chandler TMC
+
City of Glendale TMC
+
City of Peoria TMC
+
City of Scottsdale TMC
+
City of Tempe TMC
+
MCDOT TMC

device control request
+
device data
+
device status
+
incident information
+
road network conditions

device control request
+
device data
+
device status
+
incident information
+
road network conditions

Other Traffic Management

AZTech RADS

device control request
+
device data
+
device status
+
incident information
+
road network conditions

device control request
+
device data
+
device status
+
incident information
+
road network conditions

Traffic Management

City of Avondale TMC
+
City of Goodyear TMC
+
City of Mesa TMC
+
City of Phoenix TMC
+
City of Surprise TMC
+
Local City and Municipal TMC
+
Town of Gilbert TMC
+
Town of Queen Creek TMC

LEGEND

planned and future flow - - -

ATMS07 - Regional Traffic Management
AZTech C2C DMS Network

This service package represents the communication between TMCs and the AZTech RADS system and are shown as separate because some are existing and some are planned communications. The existing flows to TMCs represent the coordination occurring along the Bell Road corridor.

The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

Traffic Management

City of Avondale TMC
+
City of Chandler TMC
+
City of Glendale TMC
+
City of Goodyear TMC
+
City of Mesa TMC
+
City of Phoenix TMC
+
City of Scottsdale TMC
+
City of Tempe TMC
+
Local City and Municipal TMC
+
Town of Gilbert TMC
+
Town of Queen Creek TMC

device control request + device data + device status

device control request + device data + device status

Other Traffic Management

AZTech RADS

device control request + device data + device status

device control request + device data + device status

Traffic Management

ADOT TOC
+
City of Peoria TMC
+
City of Surprise TMC
+
MCDOT TMC

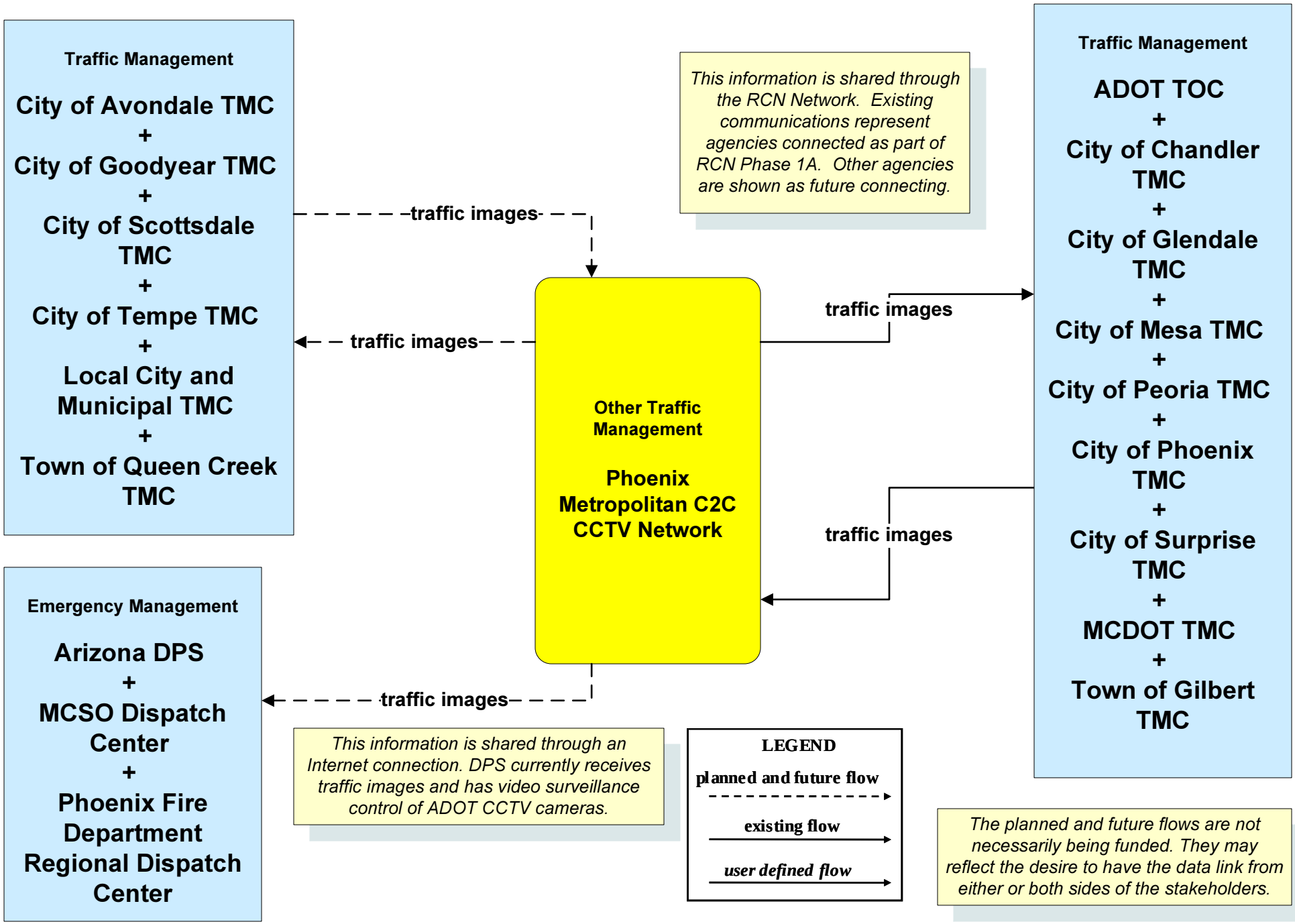
LEGEND

planned and future flow

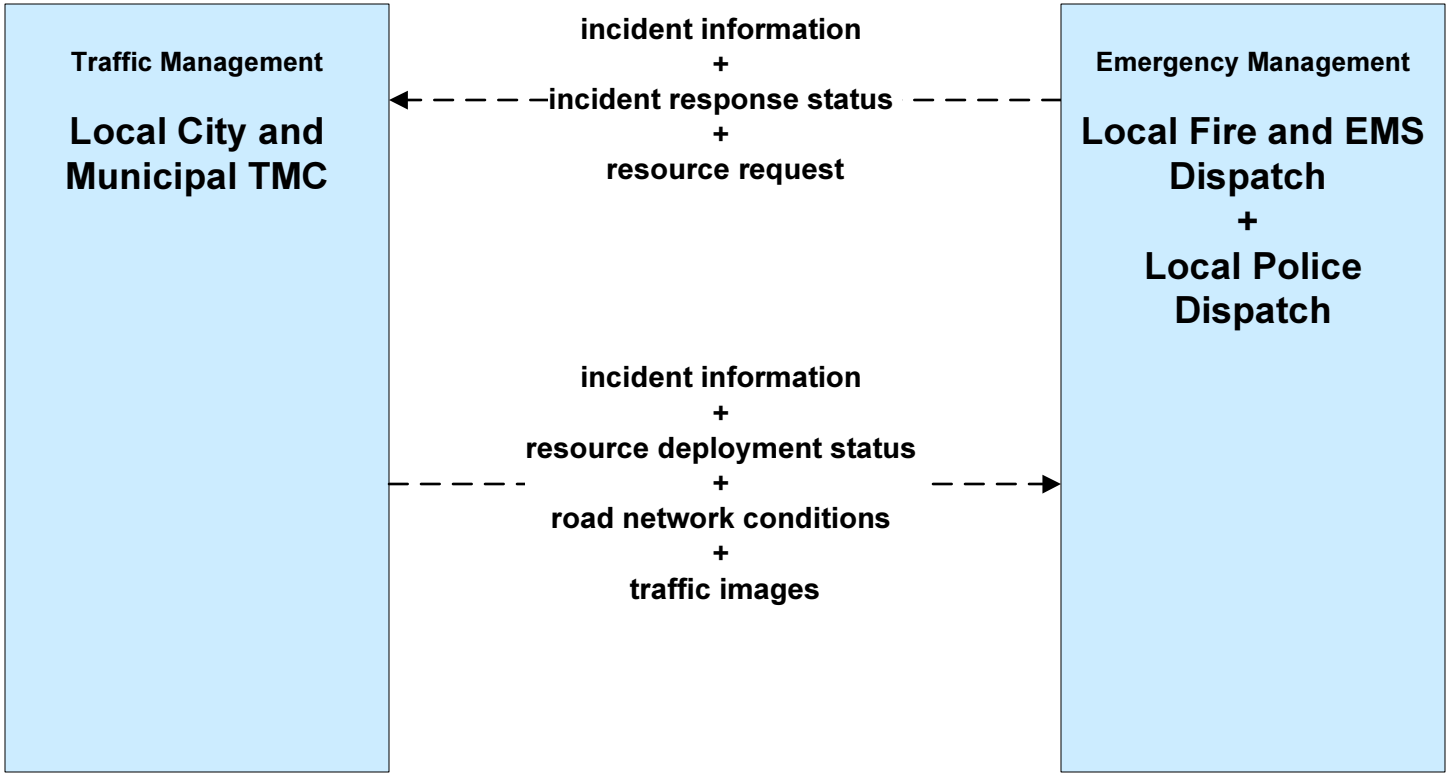
existing flow

user defined flow

ATMS07 - Regional Traffic Management
Phoenix Metropolitan C2C CCTV Network



ATMS08 - Traffic Incident Management System
Local Cities and Municipalities – Generic (TM to EM)



LEGEND

planned and future flow

existing flow

user defined flow

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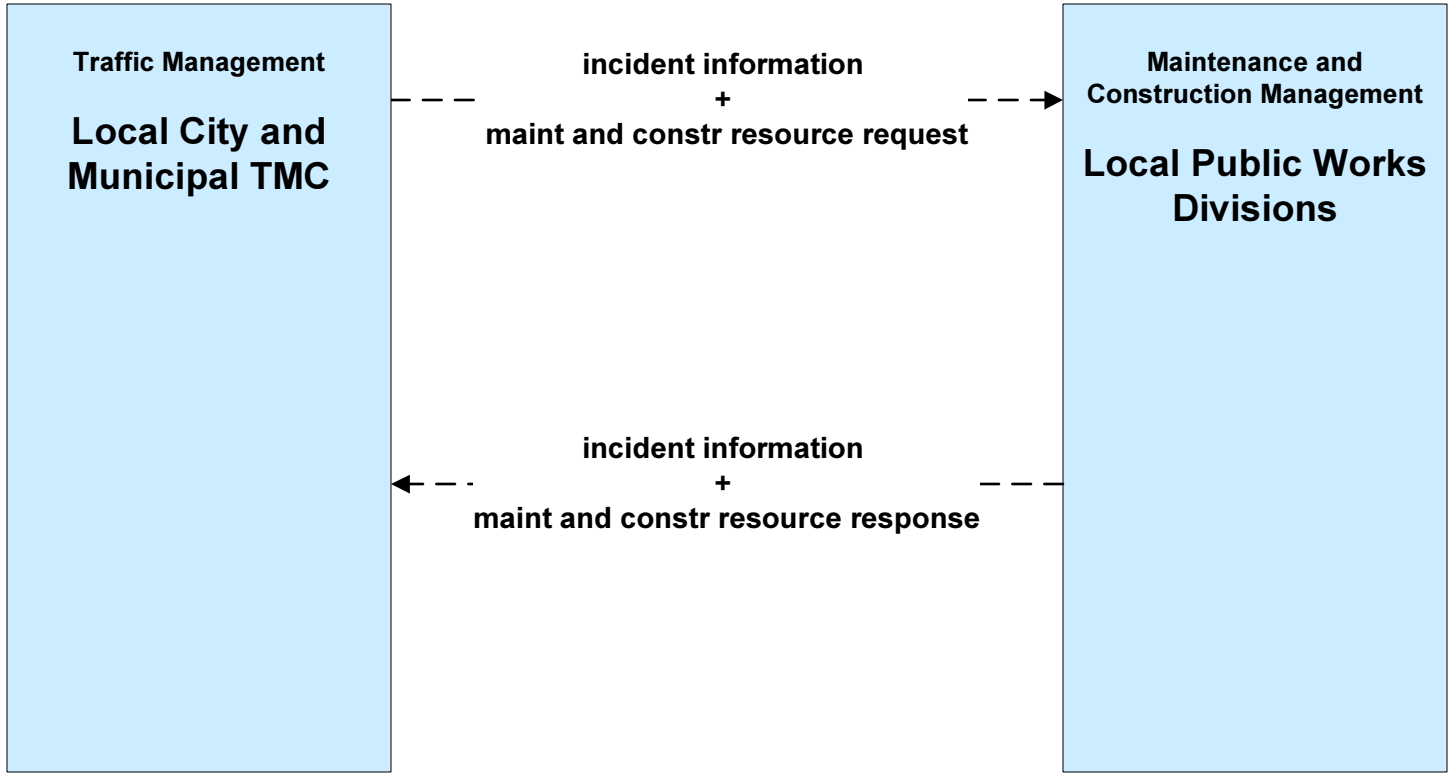
ATMS08 - Traffic Incident Management System
Local Cities and Municipalities – Generic (TM to MCM)



LEGEND

planned and future flow

existing flow

user defined flow

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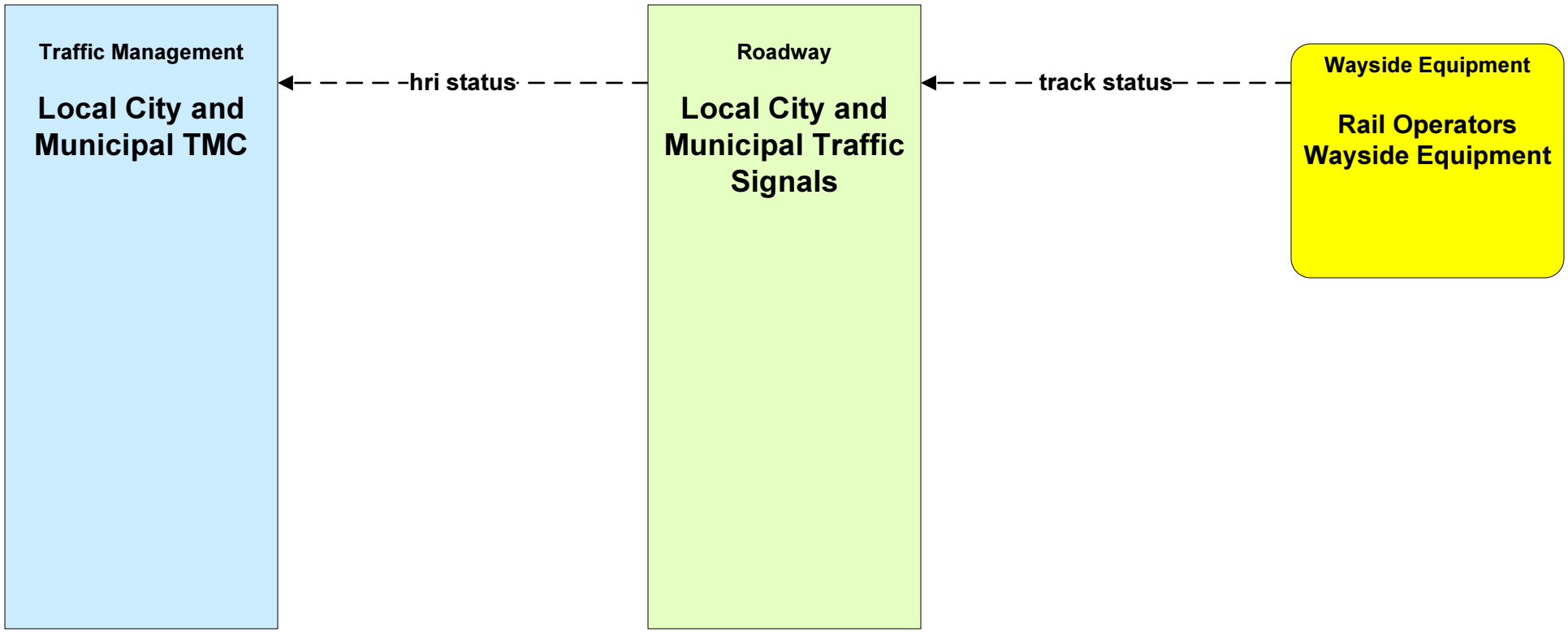
ATMS13 - Standard Railroad Grade Crossing
Local Cities and Municipalities - Generic



LEGEND

planned and future flow

existing flow

user defined flow

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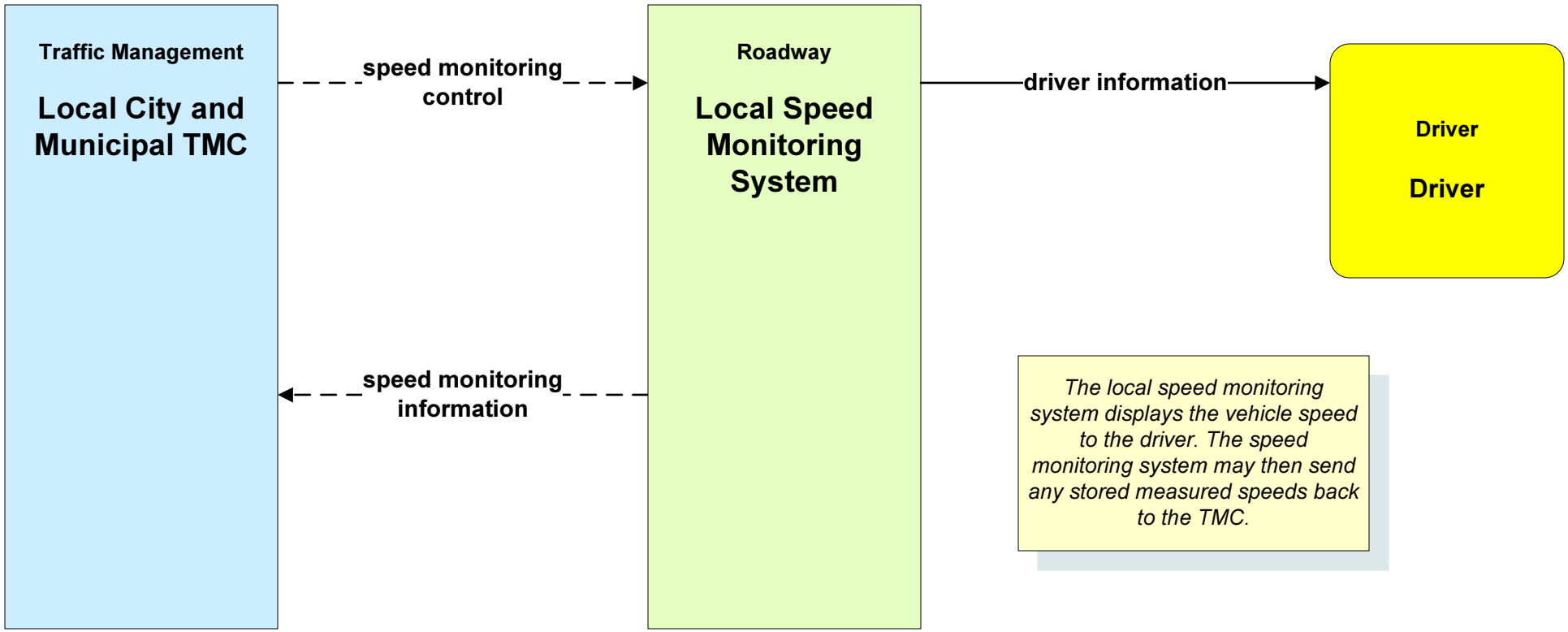
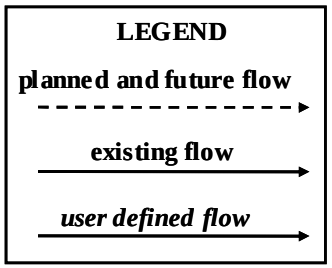
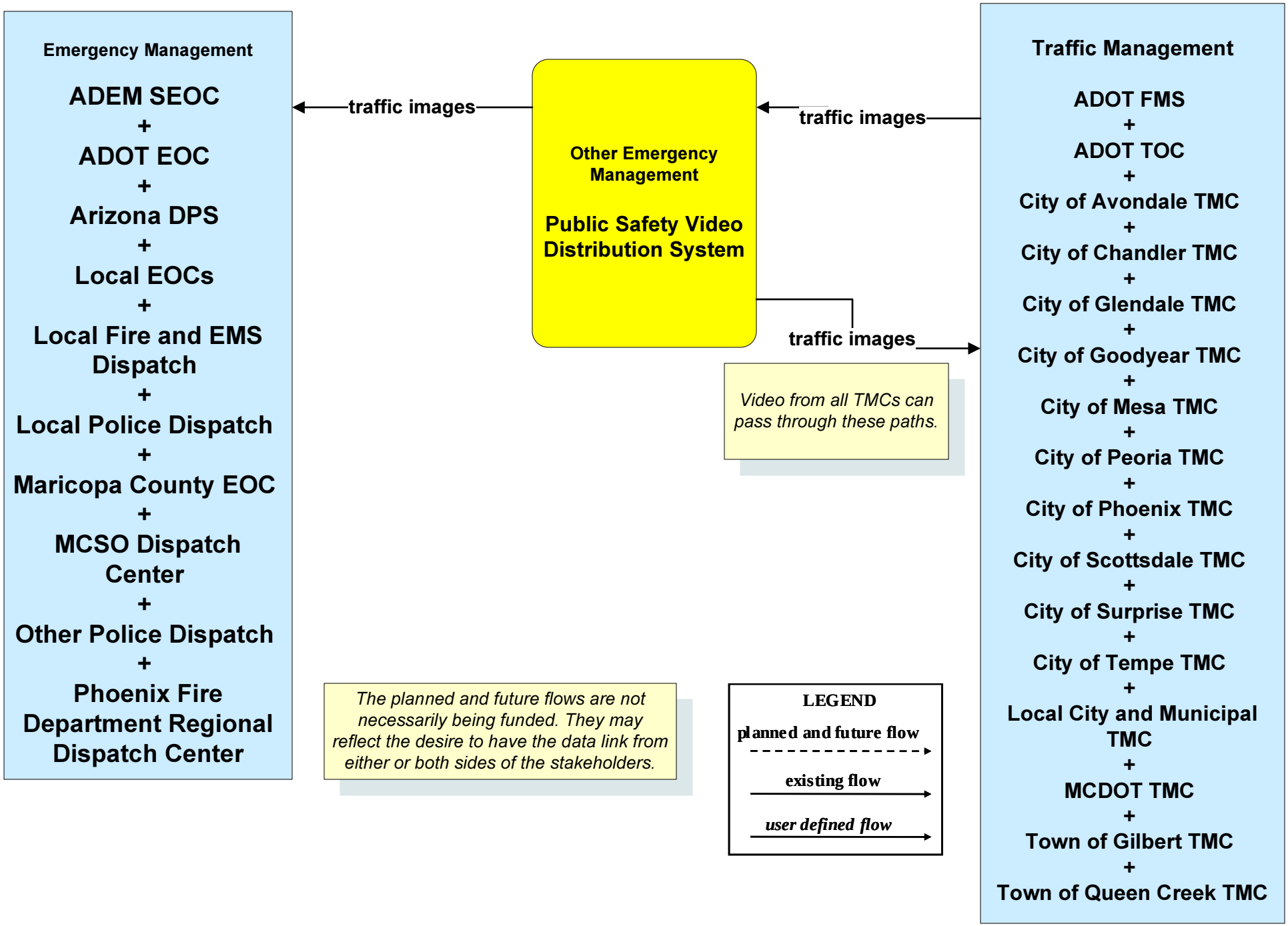
ATMS19 - Speed Warning and Enforcement
Local Cities and Municipalities



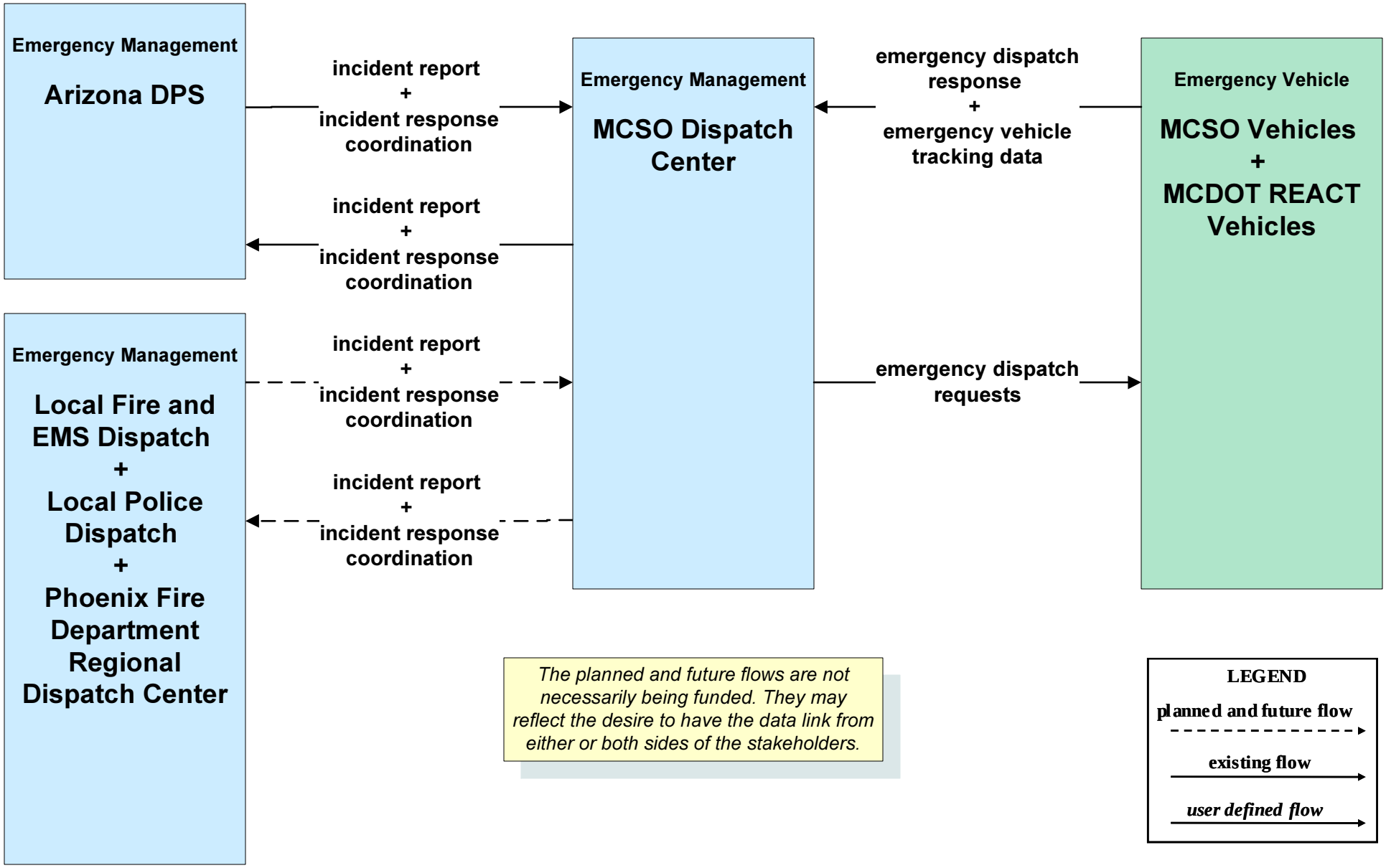


The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

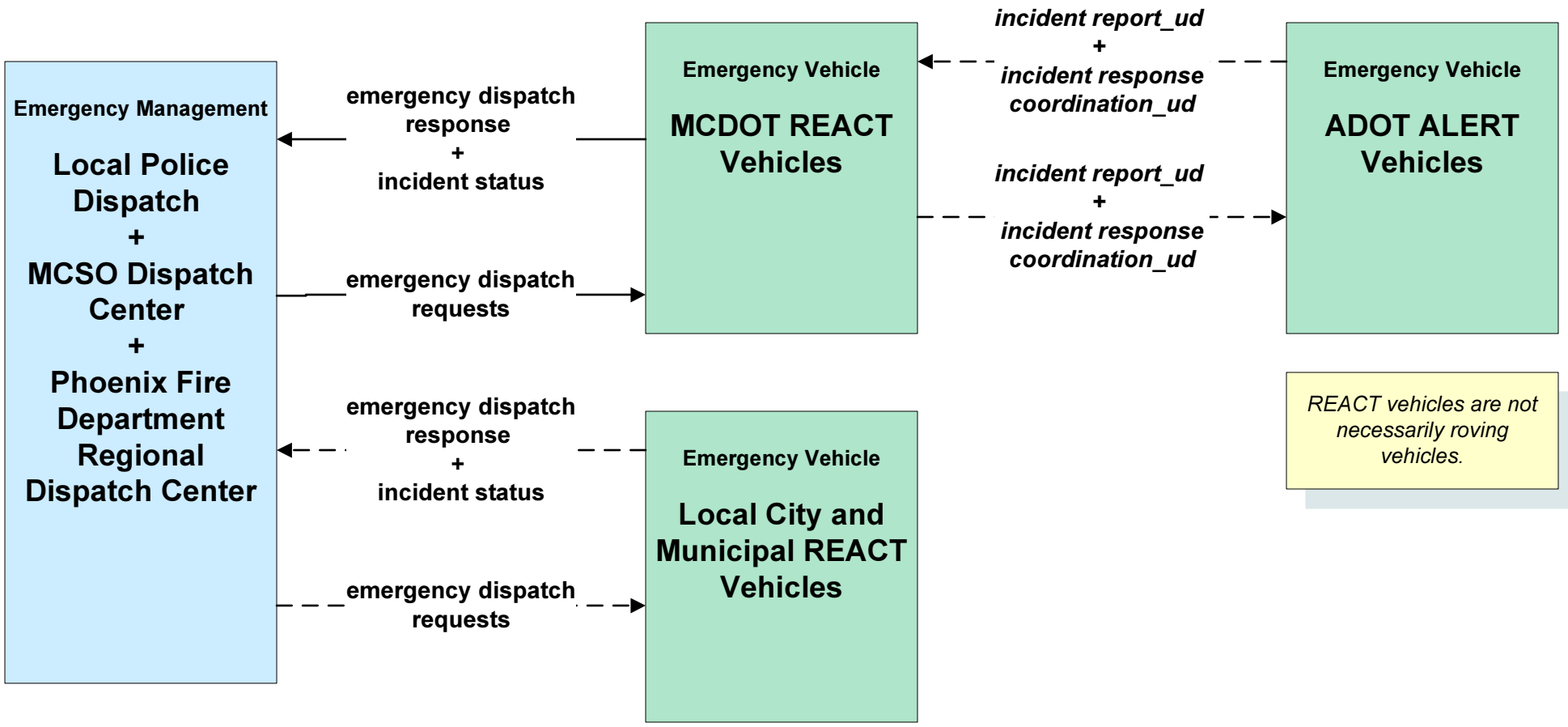
EM01 - Emergency Call-Taking and Dispatch
Public Safety Video Distribution System



EM01 - Emergency Call-Taking and Dispatch
Maricopa County Sheriff's Office



EM01 - Call-Taking and Dispatch
REACT Vehicles



REACT vehicles are not necessarily roving vehicles.

LEGEND

planned and future flow

existing flow

user defined flow

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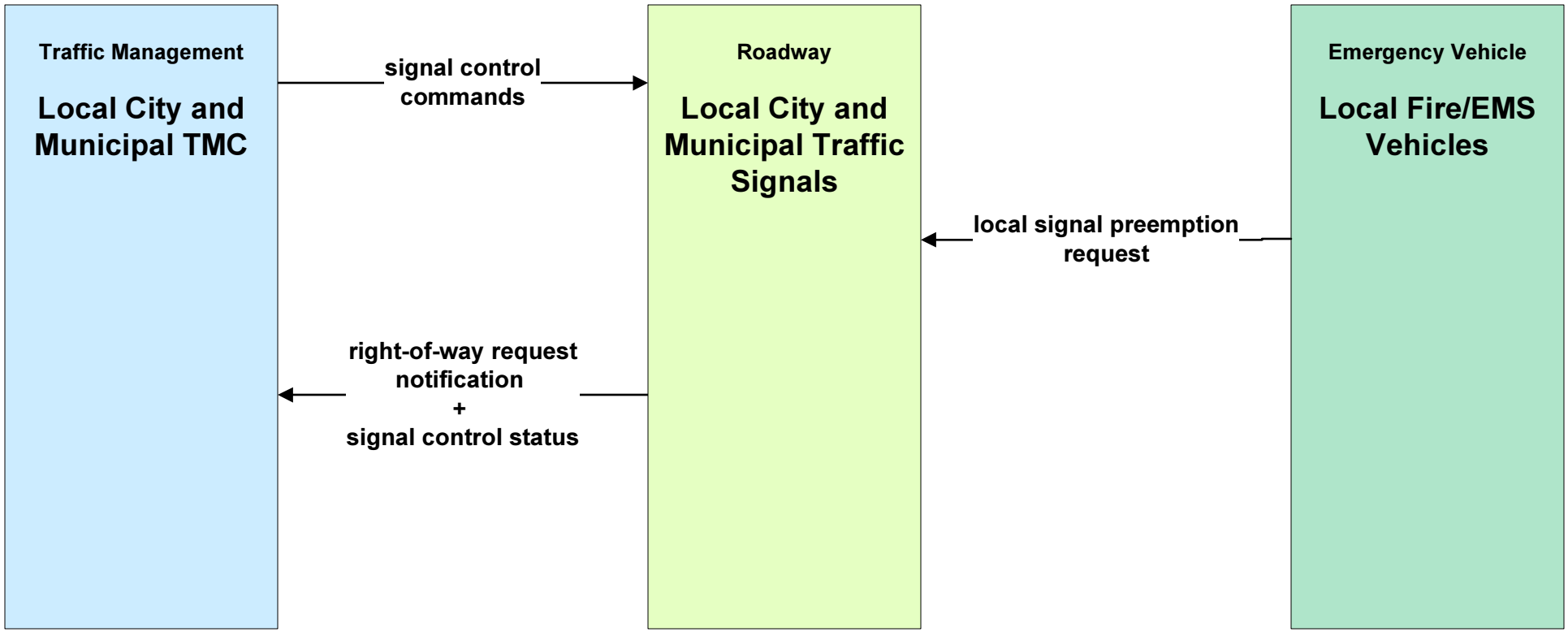
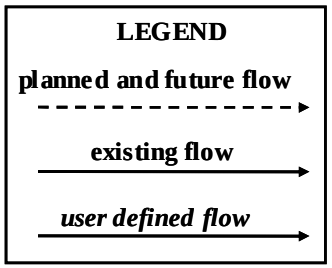
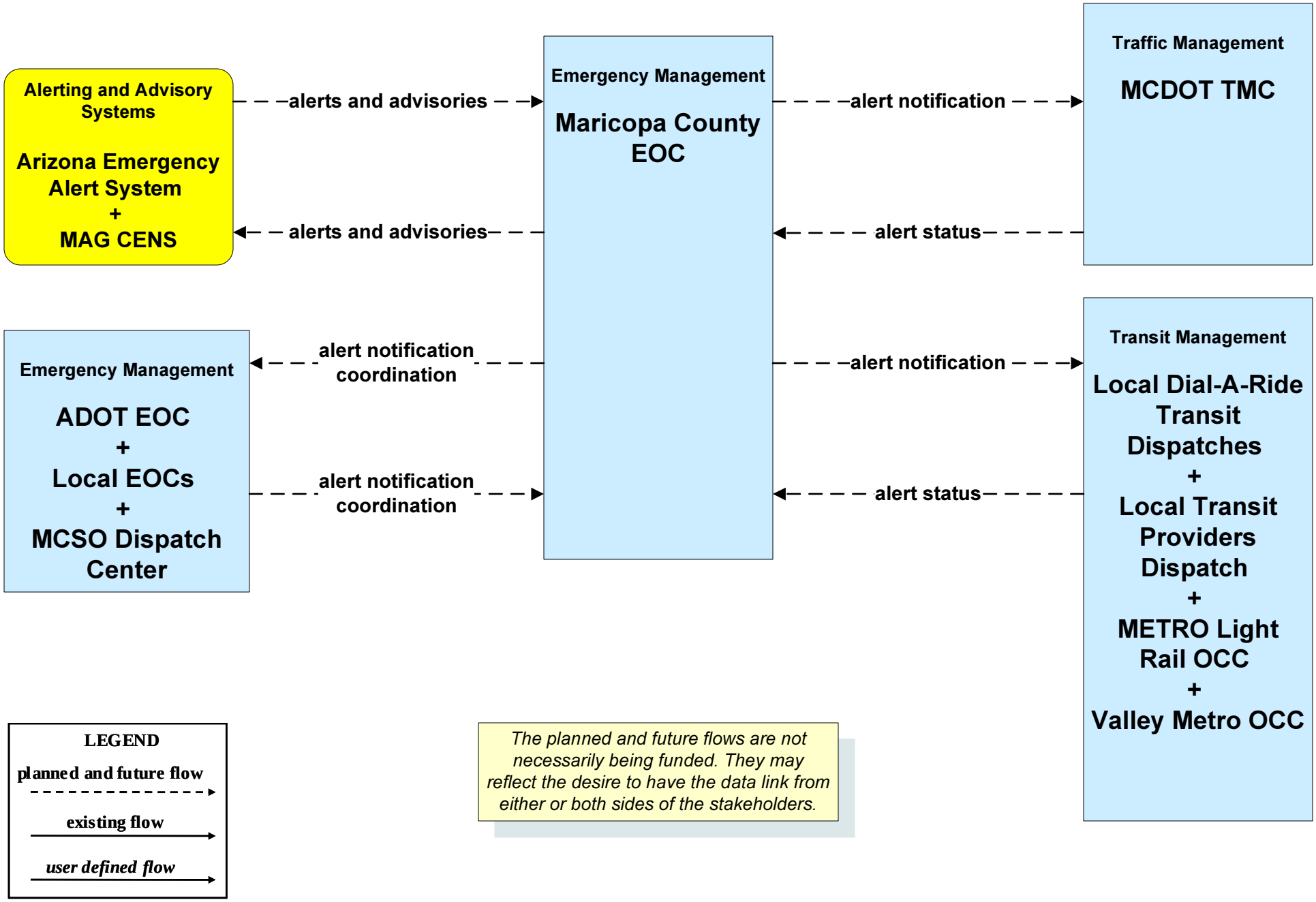
EM02 - Emergency Routing
Local Cities and Municipalities - Generic





EM06 - Wide-Area Alert
Maricopa County



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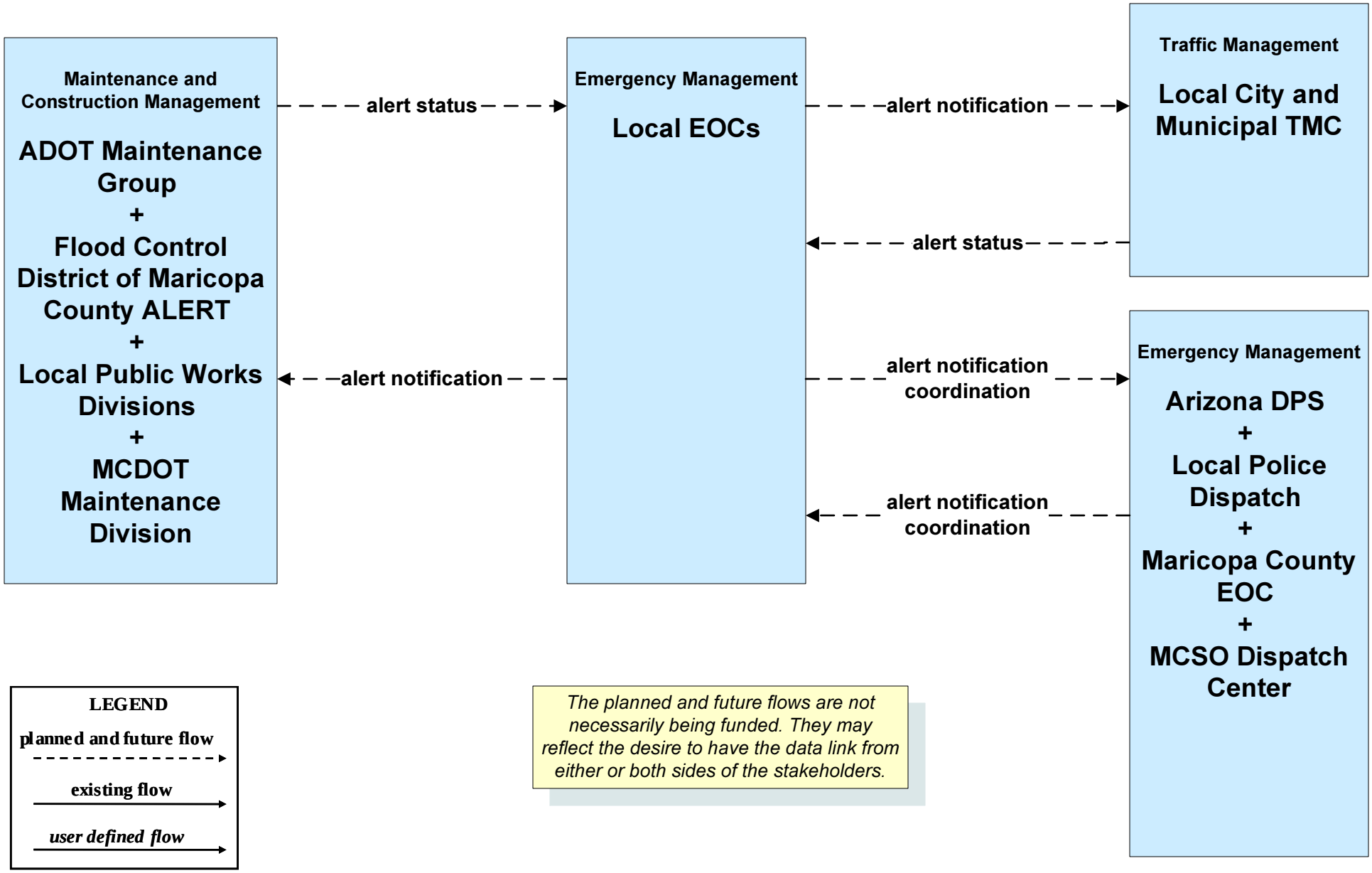
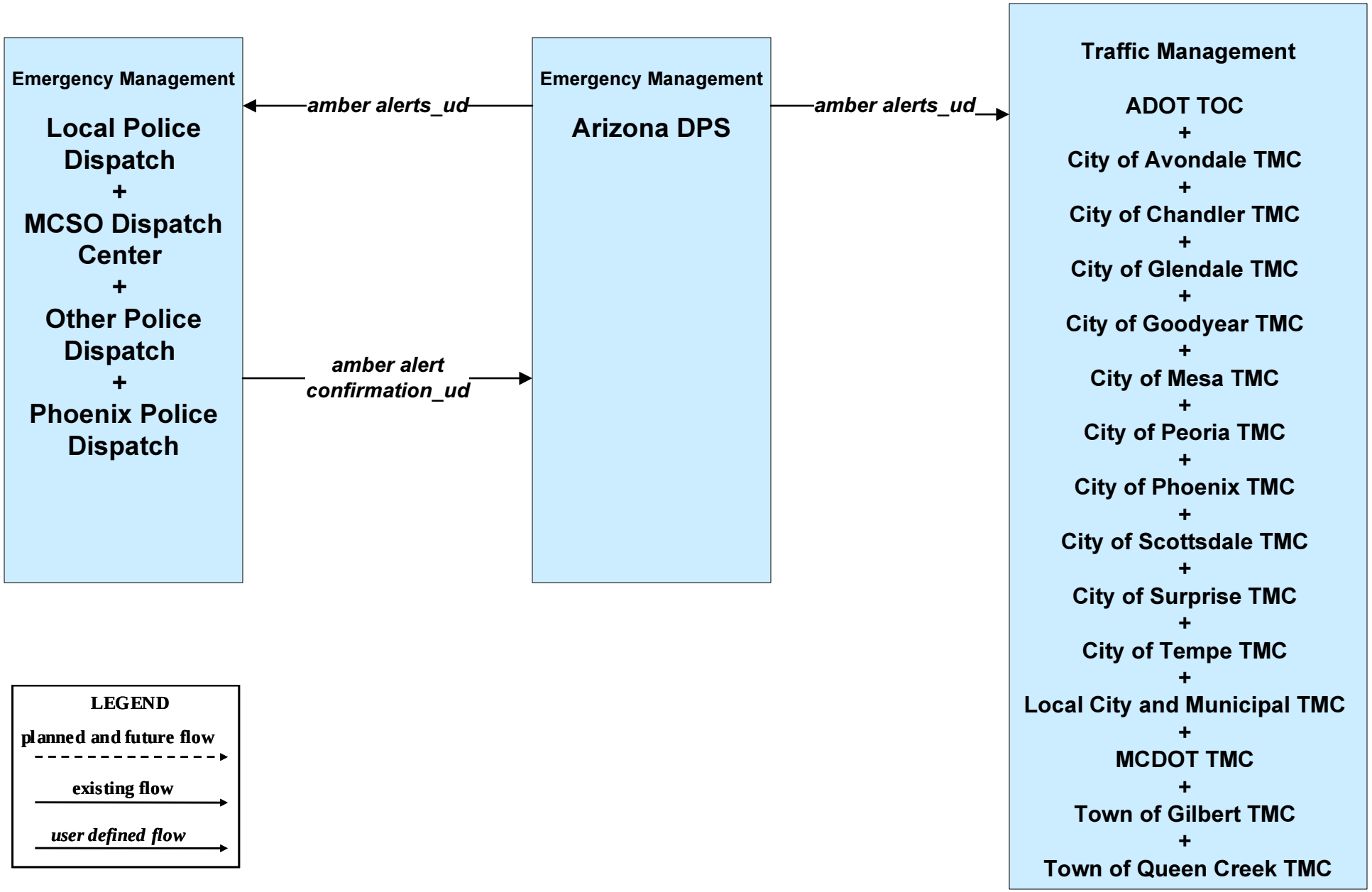
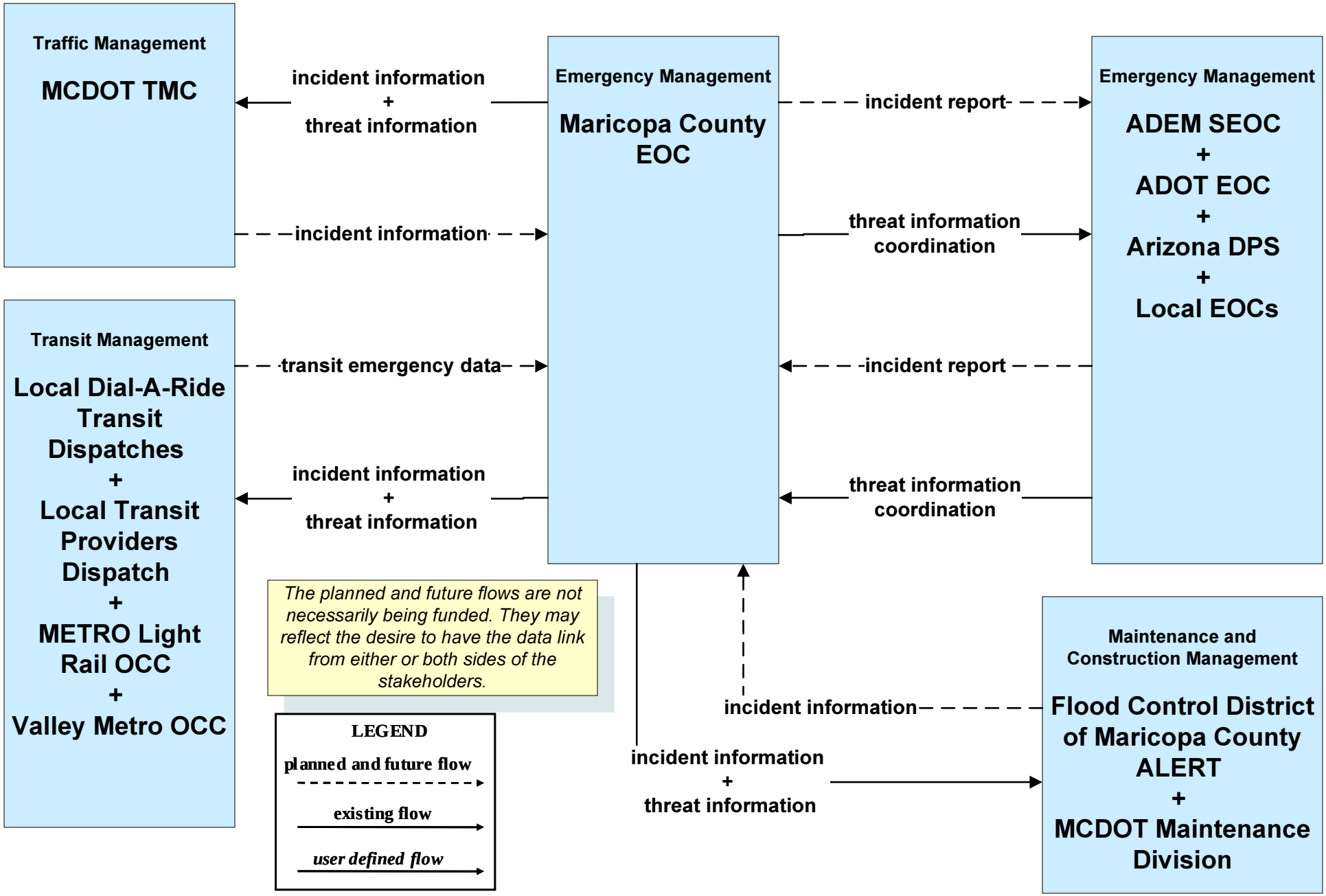
EM06 - Wide-Area Alert
Local EOCs - Generic



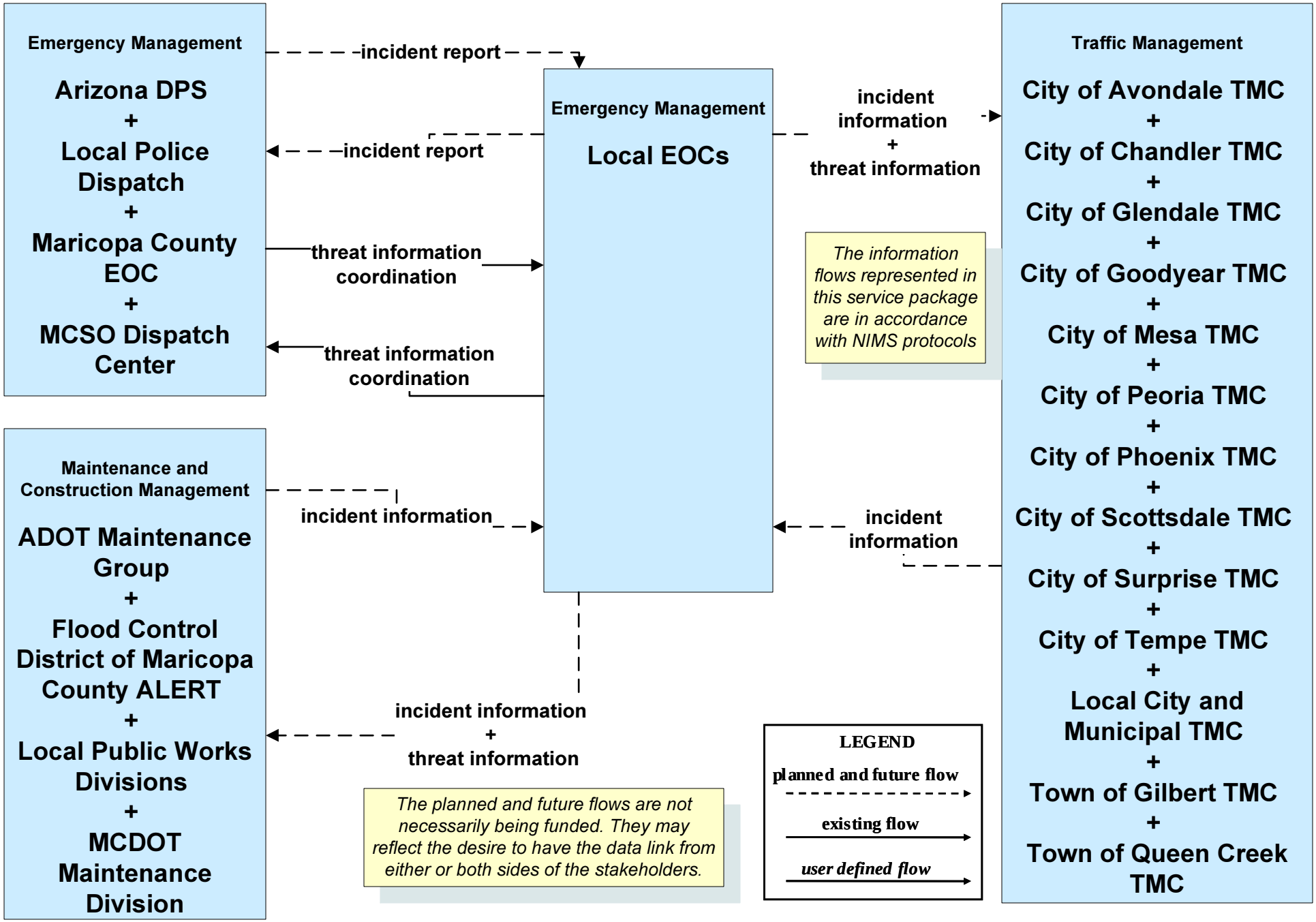
EM06 - Wide-Area Alert
Amber Alerts



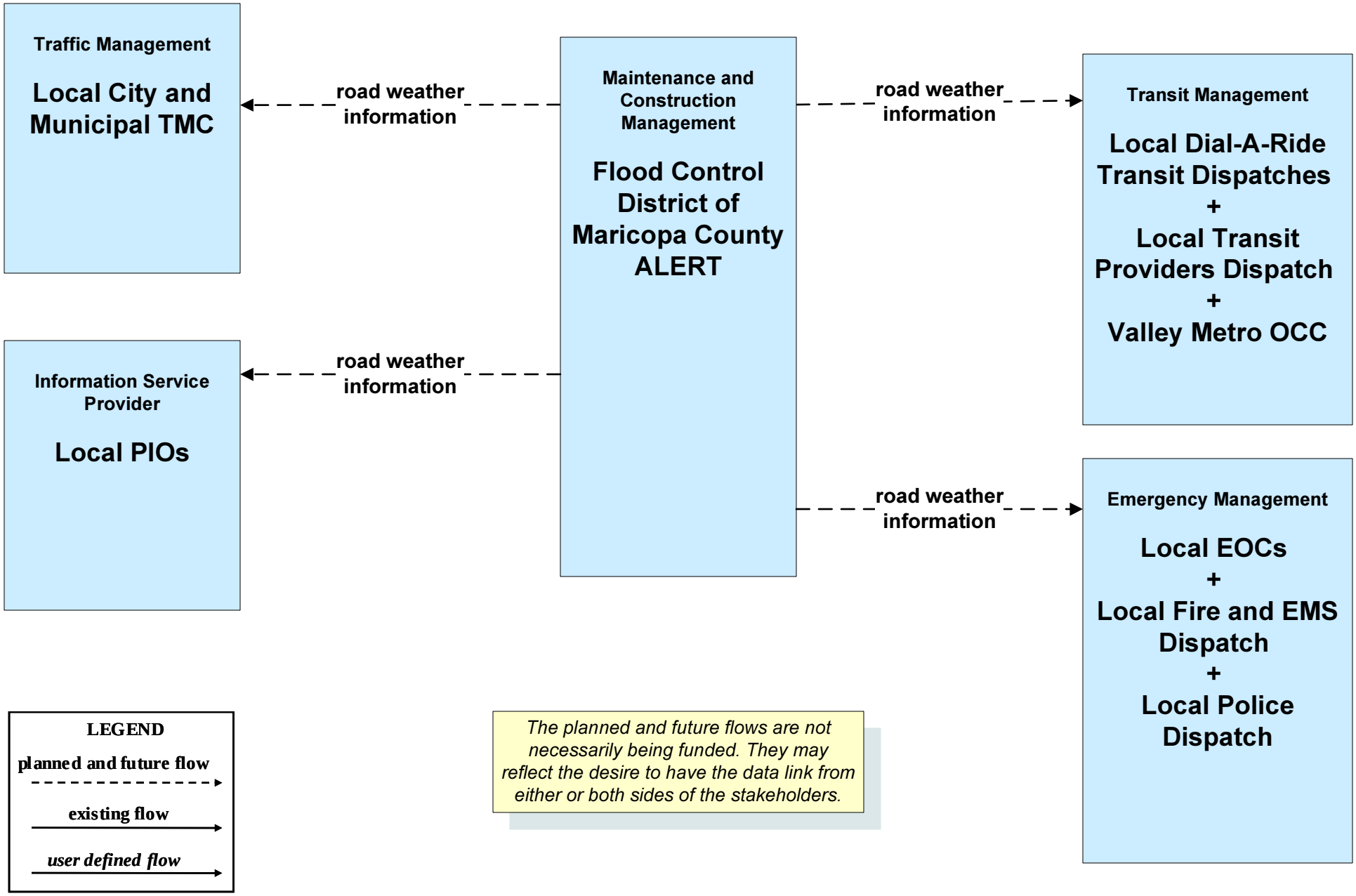
EM07 - Early Warning System
Maricopa County EOC



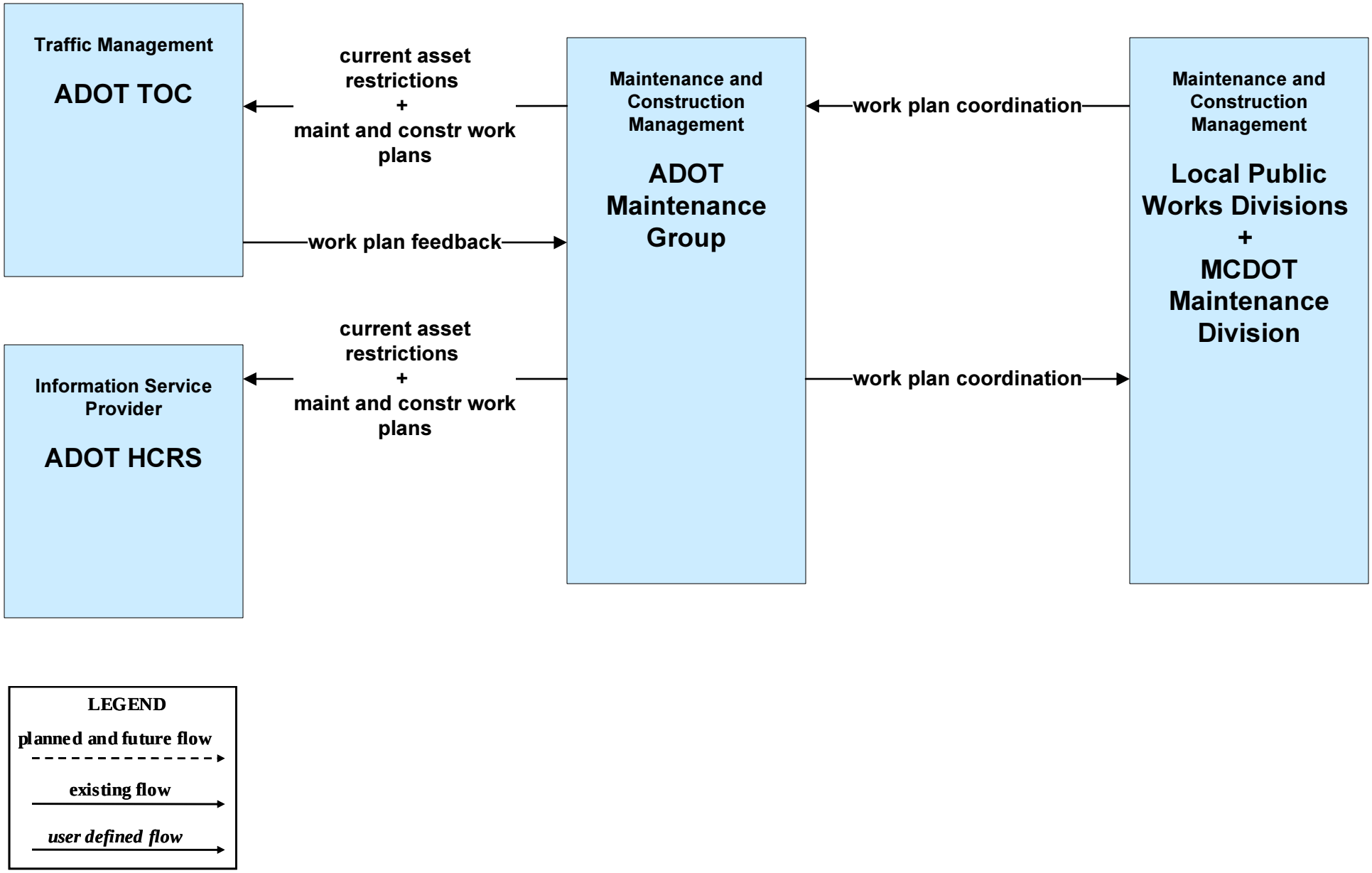
EM07 - Early Warning System
Local EOCs



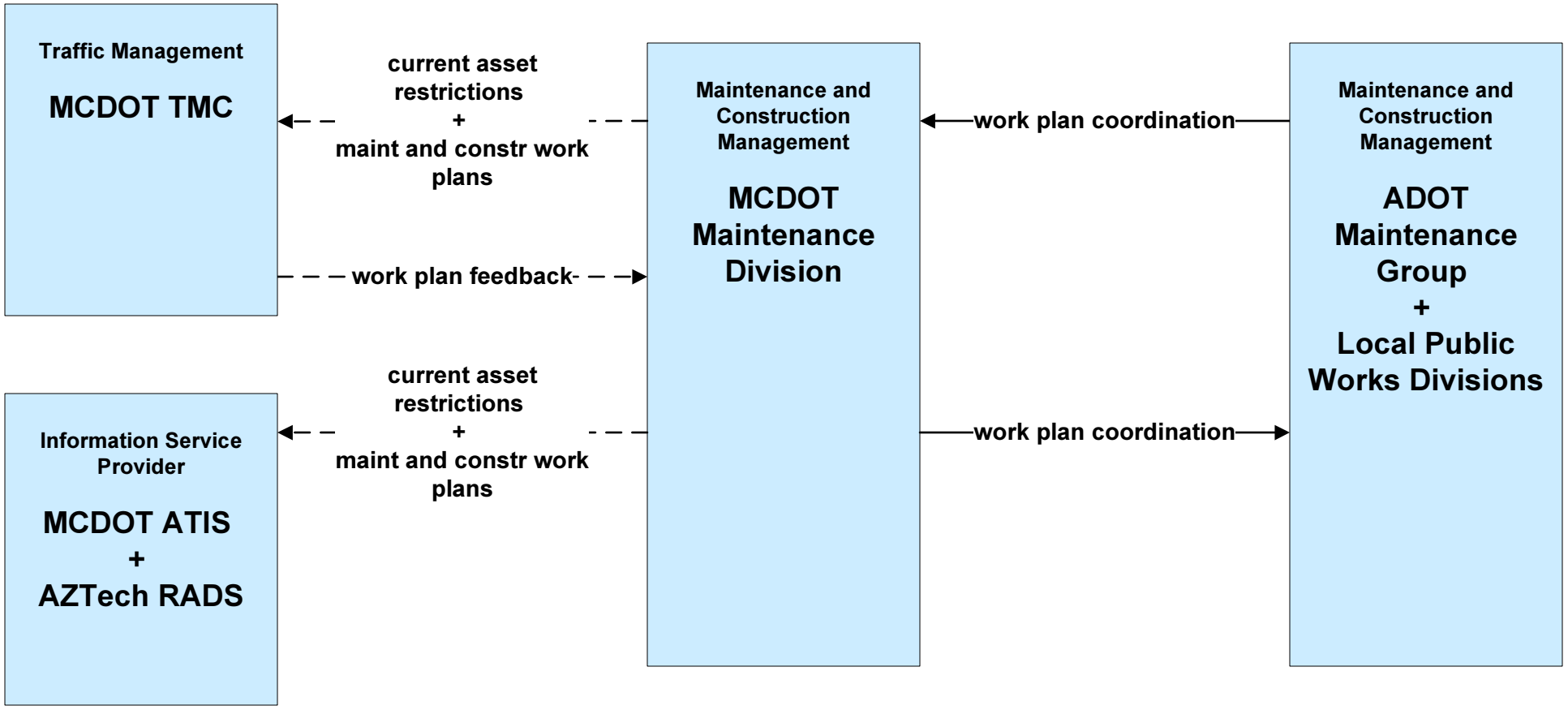
MC04 - Weather Information Processing and Distribution
Flood Control District of Maricopa County – Local Cities and Municipalities - Generic



MC10 - Maintenance and Construction Activity Coordination
Arizona DOT



MC10 - Maintenance and Construction Activity Coordination
Maricopa County



LEGEND

planned and future flow

existing flow

user defined flow

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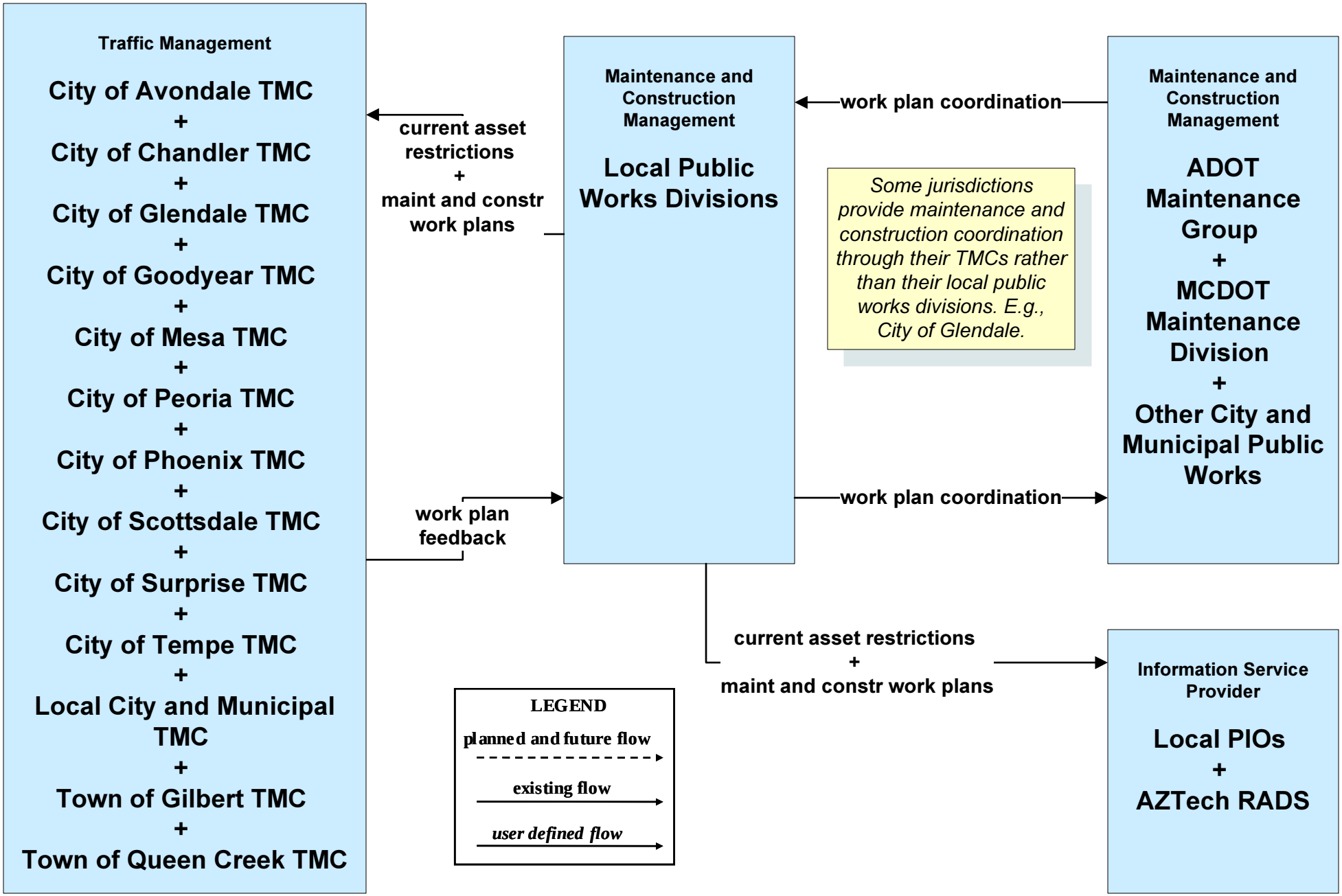
MC10 - Maintenance and Construction Activity Coordination
Local Cities and Municipalities