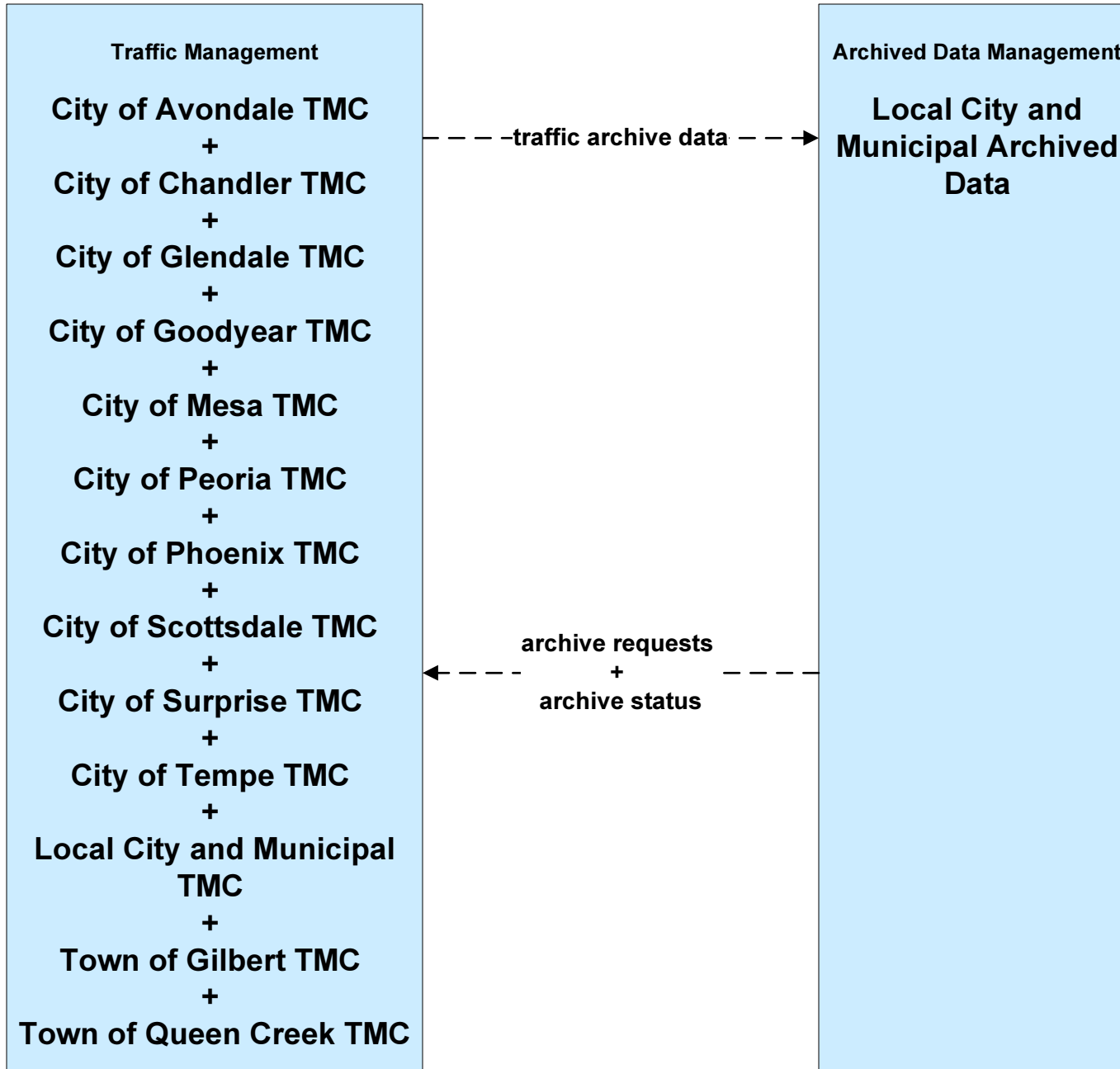
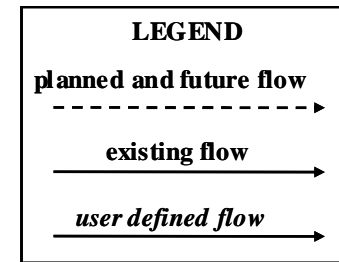


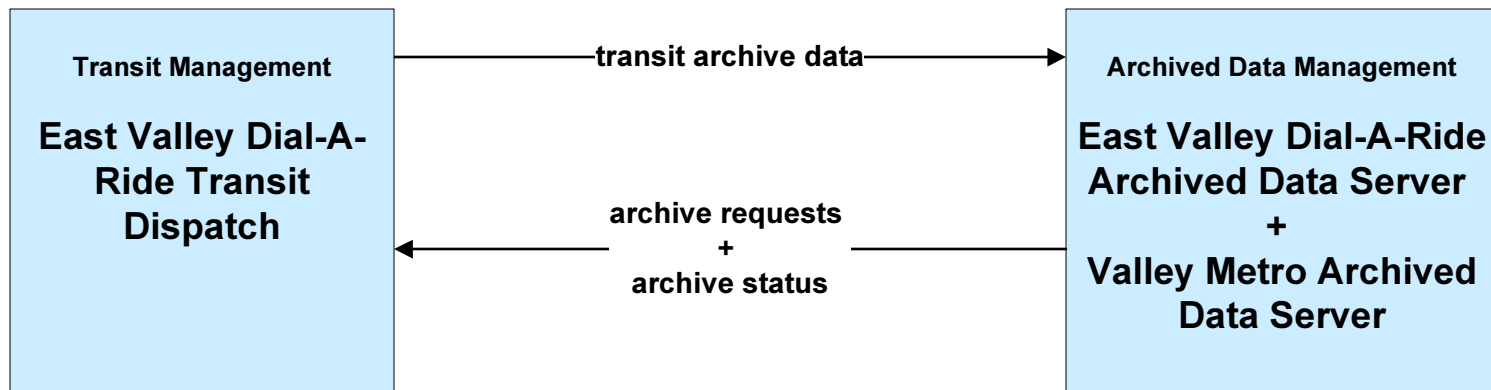
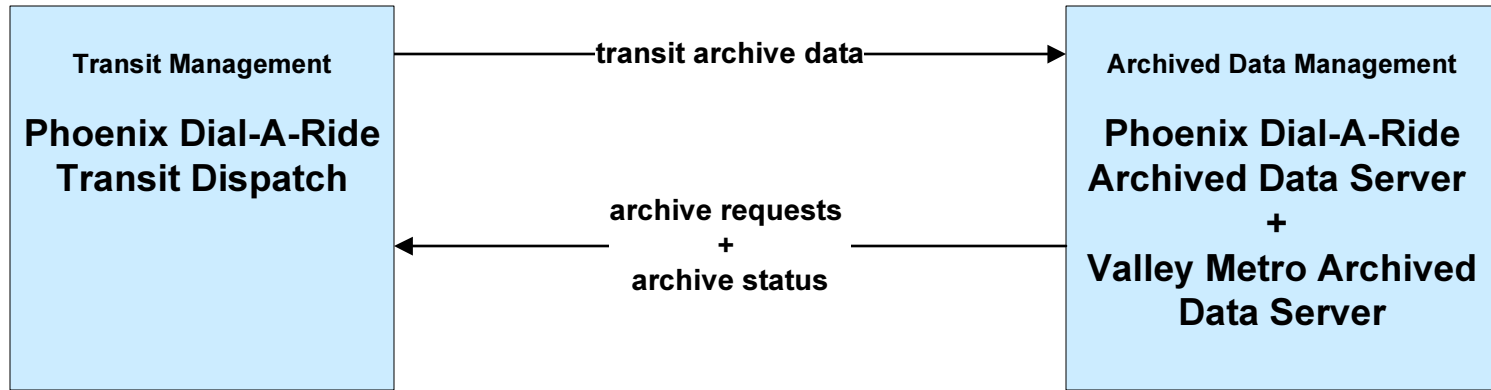
AD1 - ITS Data Mart Local Archives



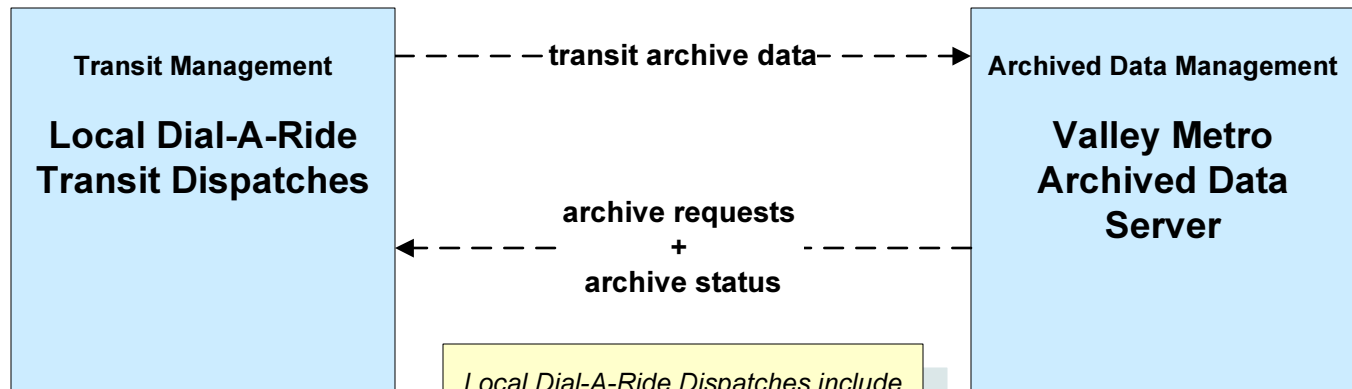
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.



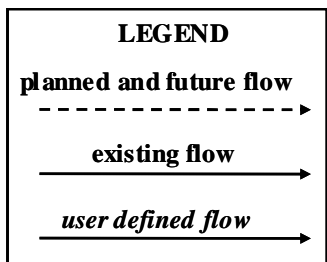
AD1 - ITS Data Mart Local Dial-A-Ride Transit Systems



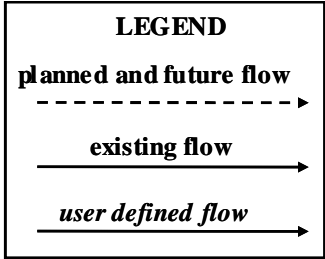
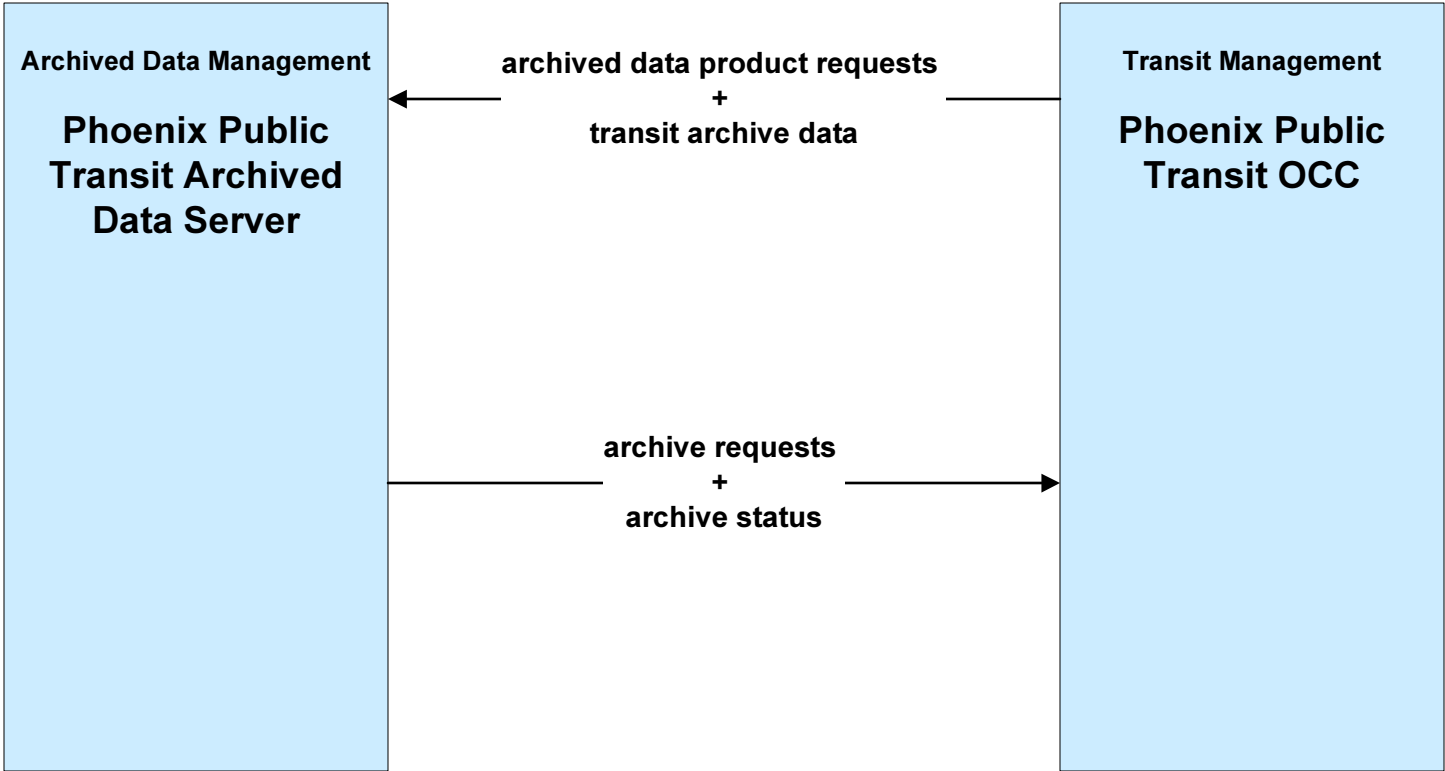
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.



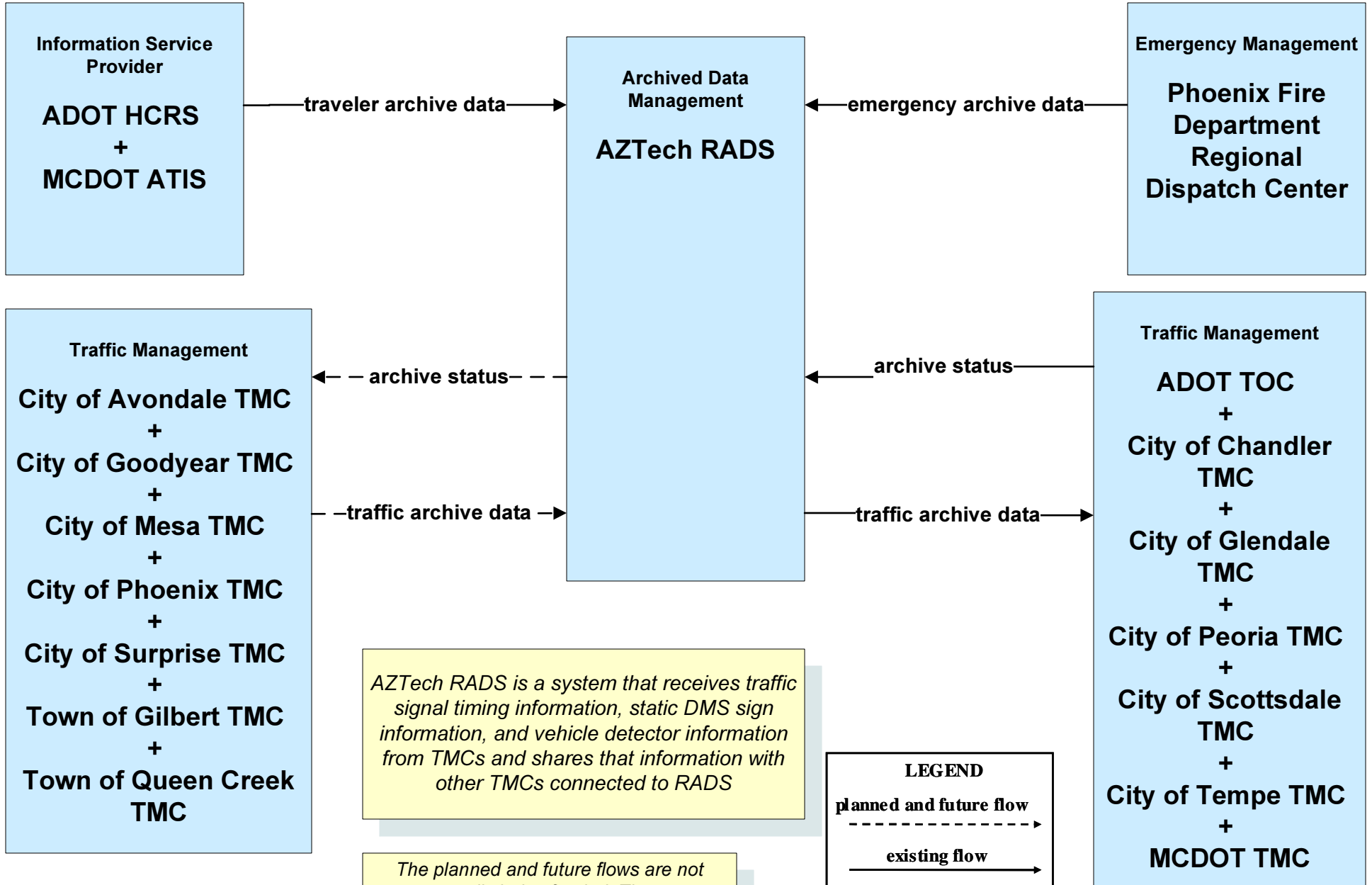
Local Dial-A-Ride Dispatches include Glendale DAR, Northwest Valley DAR, El Mirage DAR, and MCDRTS



**AD1 - ITS Data Mart
Phoenix Public Transit**



AD2 - ITS Data Warehouse AZTech RADS



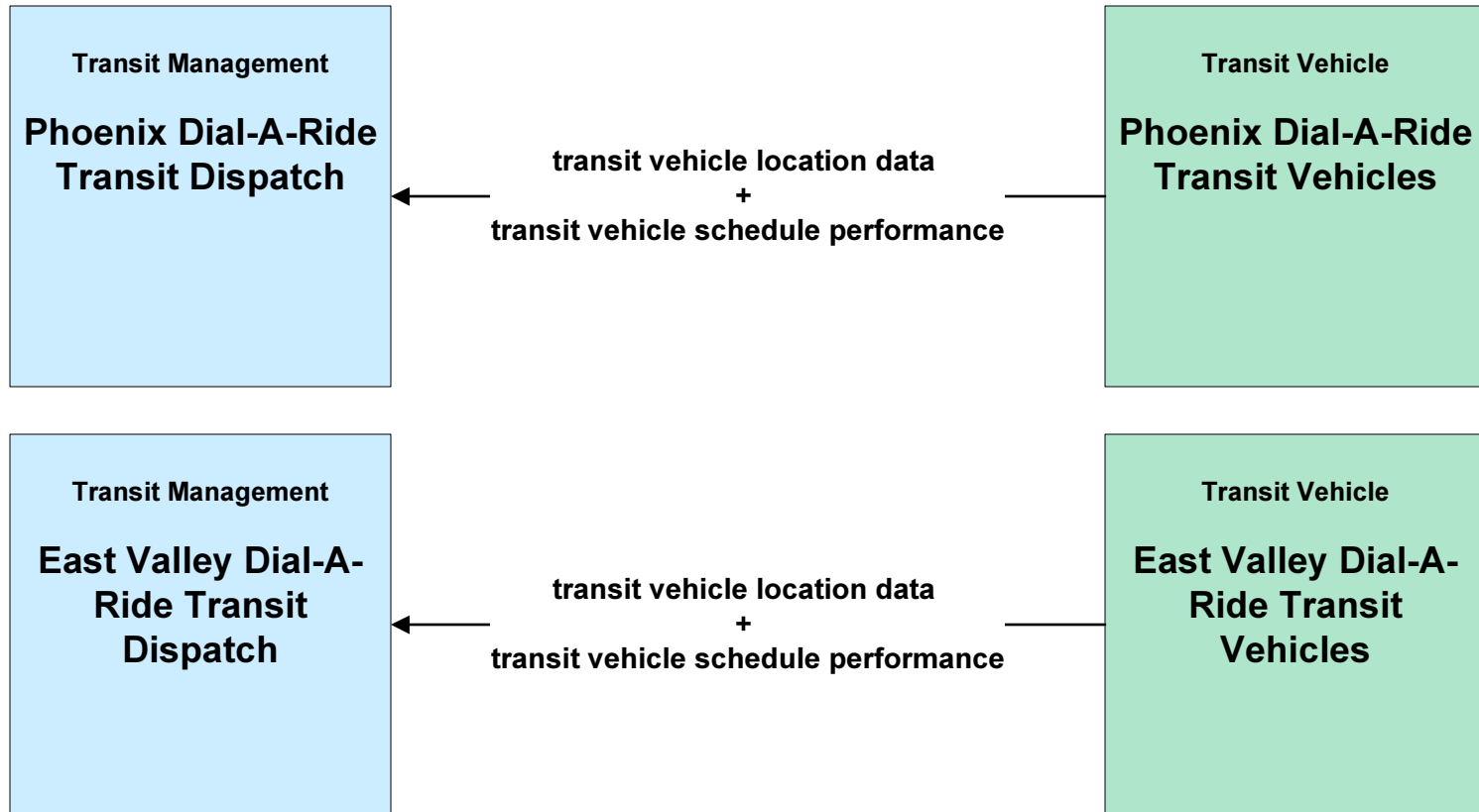
AZTech RADS is a system that receives traffic signal timing information, static DMS sign information, and vehicle detector information from TMCs and shares that information with other TMCs connected to RADS

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.

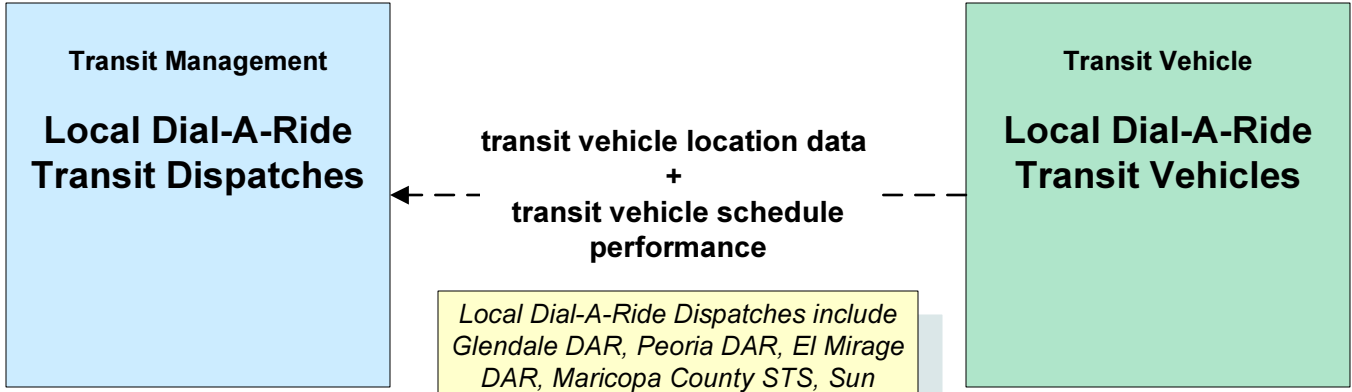
LEGEND

- planned and future flow
----->
- existing flow
—————>
- user defined flow
—————>

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



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.

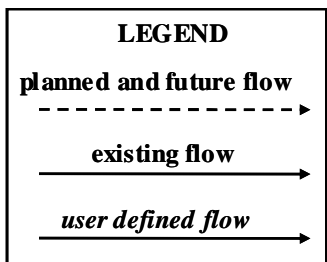
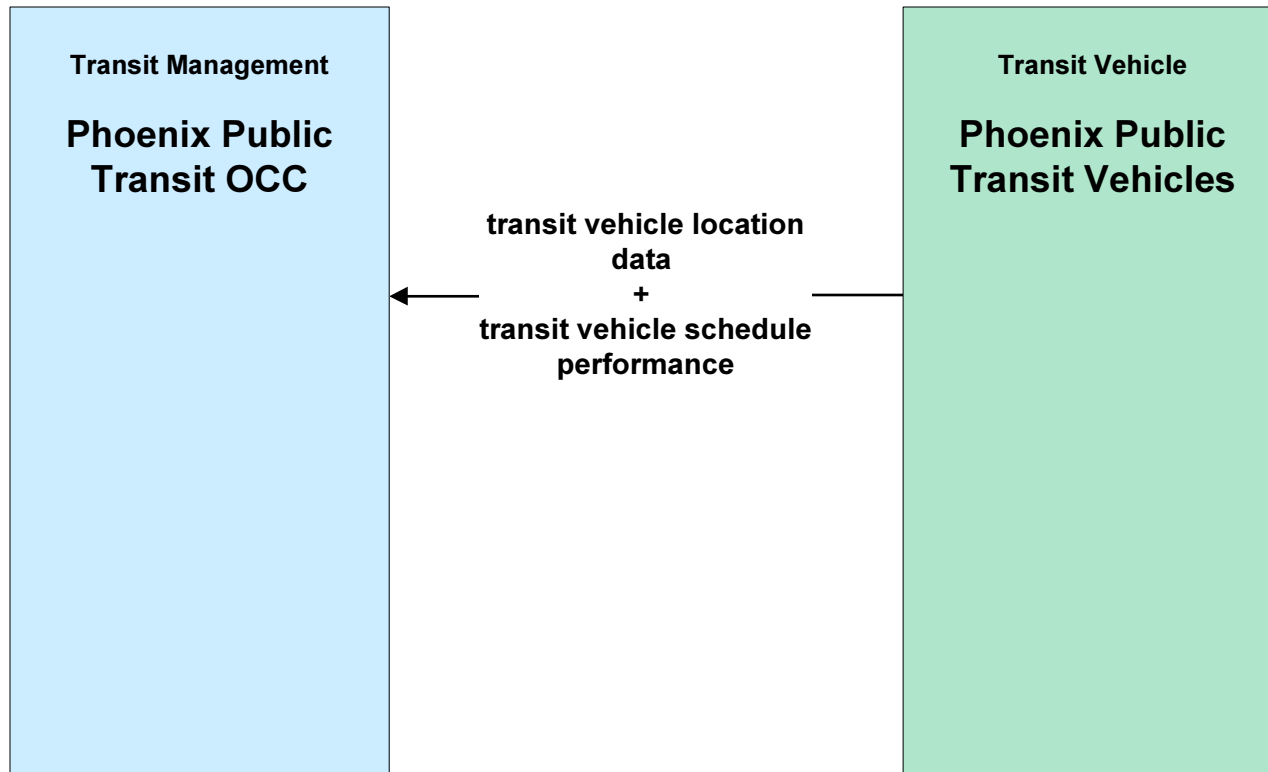


Local Dial-A-Ride Dispatches include Glendale DAR, Peoria DAR, El Mirage DAR, Maricopa County STS, Sun Cities DAR, Surprise DAR.

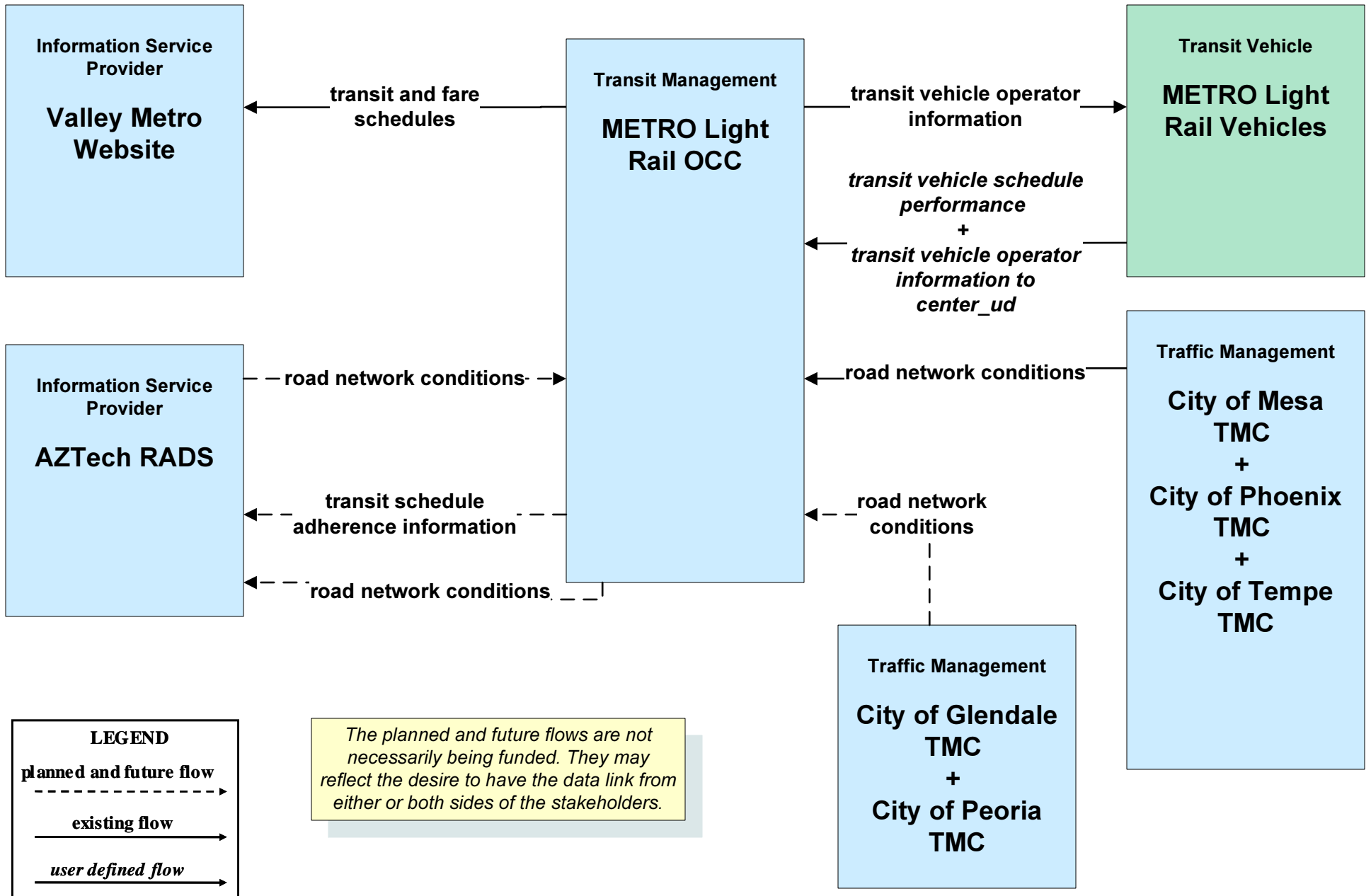
LEGEND

- planned and future flow**
----->
- existing flow**
—————>
- user defined flow**
—————>

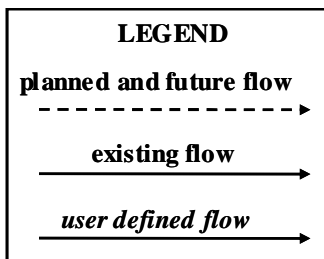
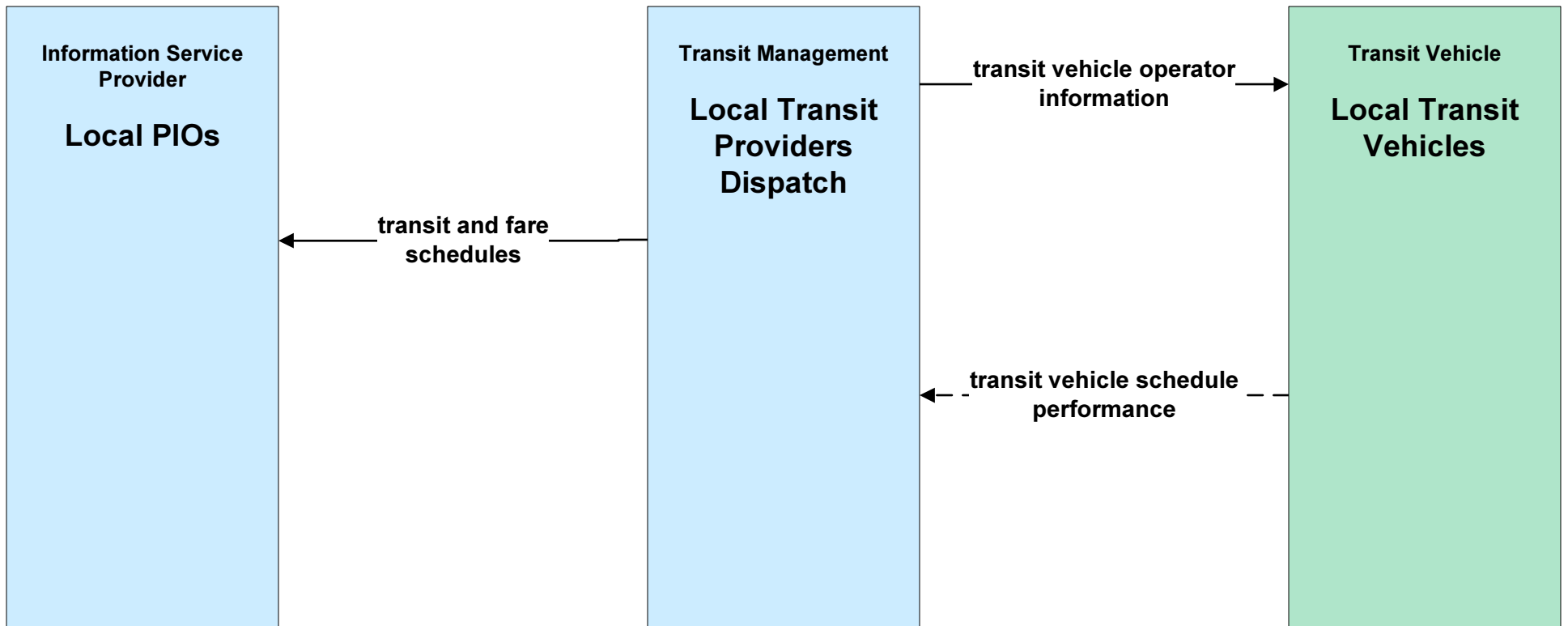
**APTS01 - Transit Vehicle Tracking
Phoenix Public Transit**



APTS02 - Transit Fixed-Route Operations METRO Light Rail

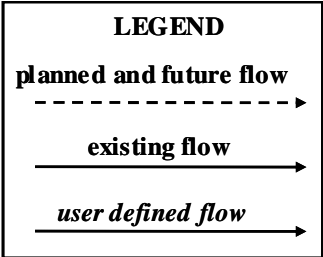
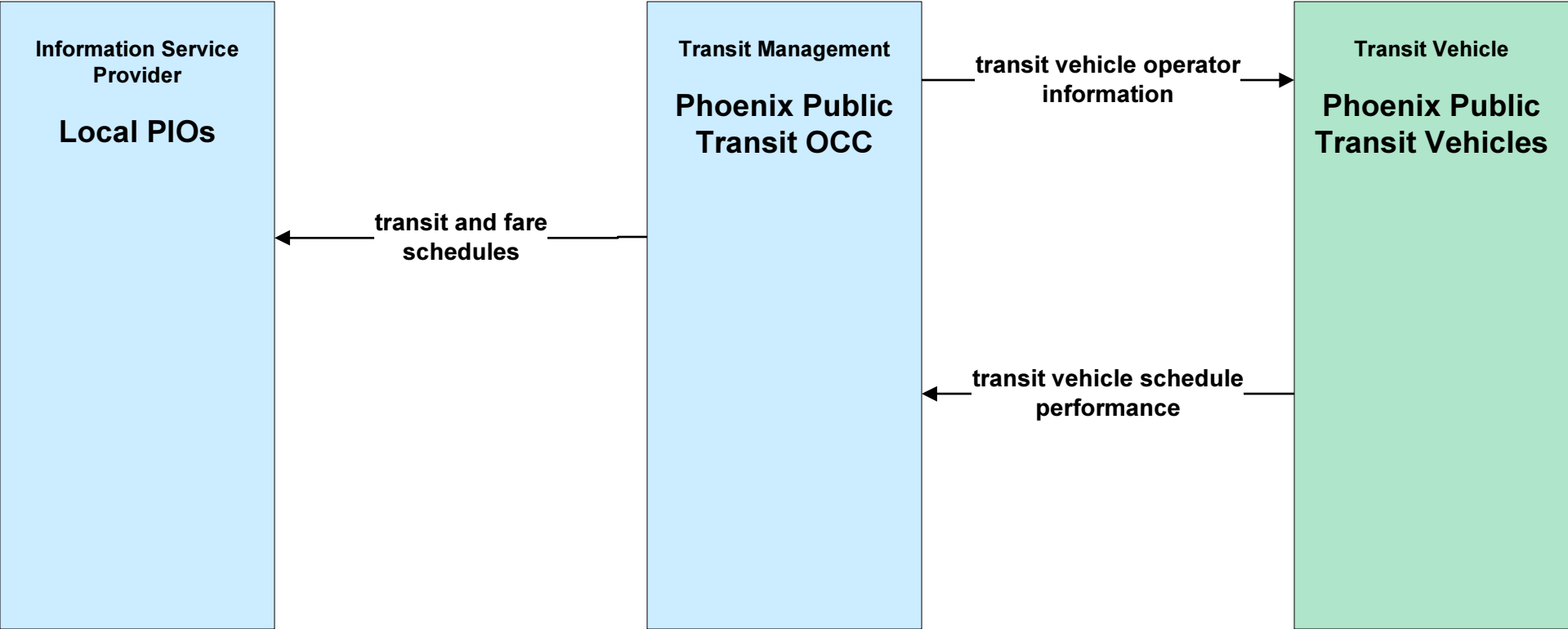


APTS02 - Transit Fixed-Route Operations Local Transit Systems

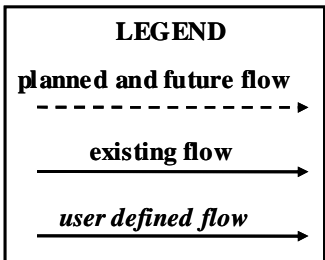
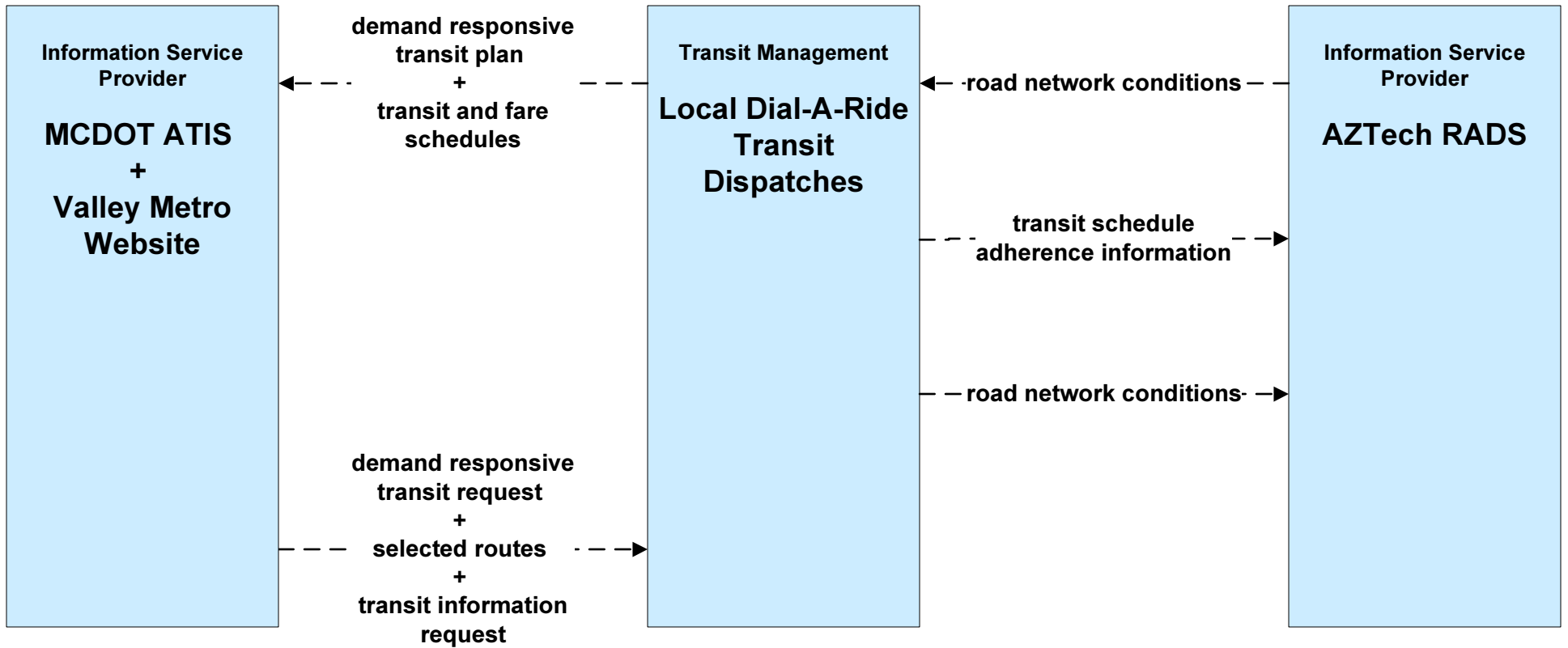


The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

**APTS02 - Transit Fixed-Route Operations
Phoenix Public Transit**

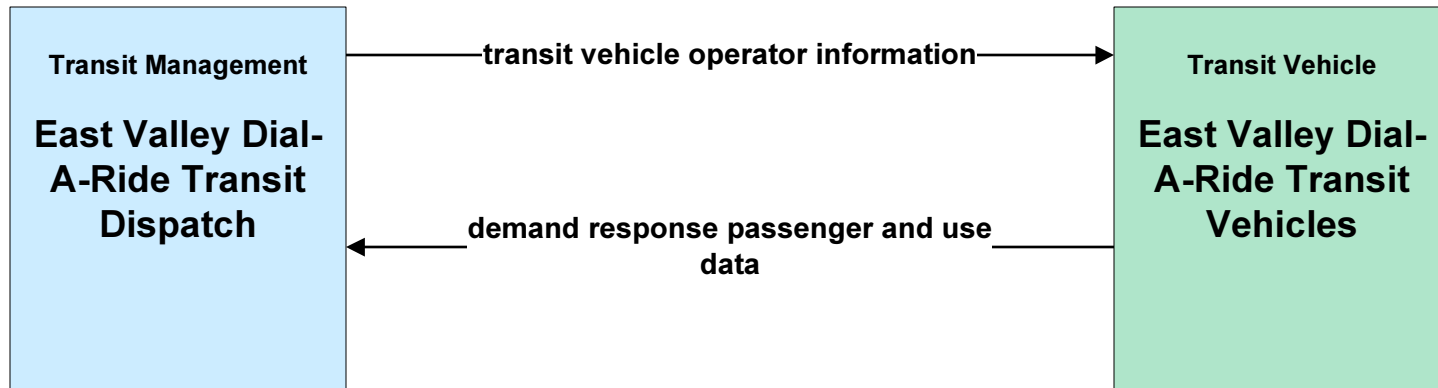
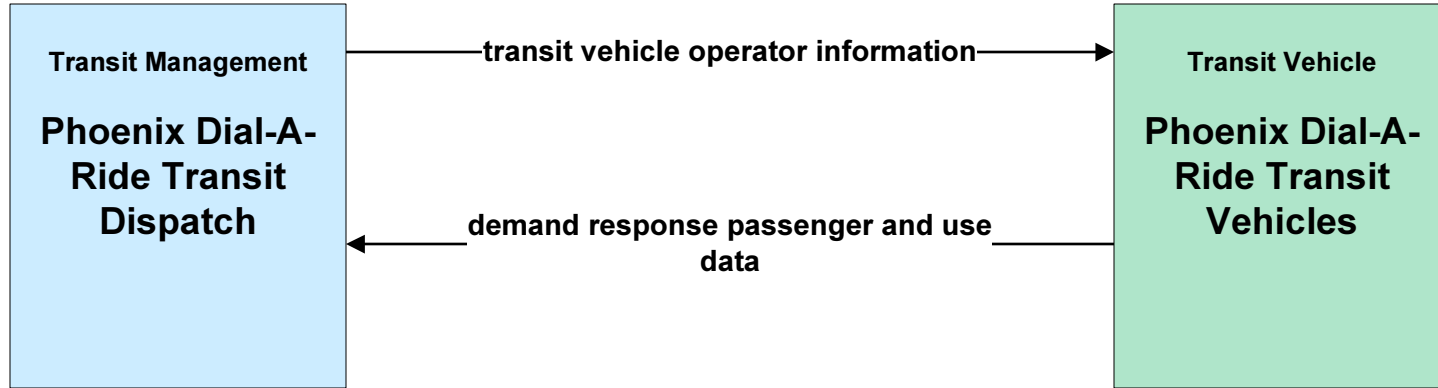


APTS03 - Demand Response Transit Operations Local Dial-A-Ride Transit Systems (1 of 2)

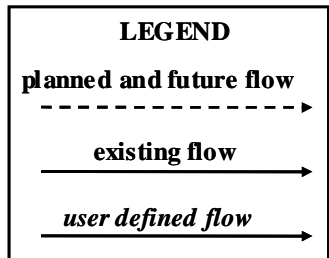
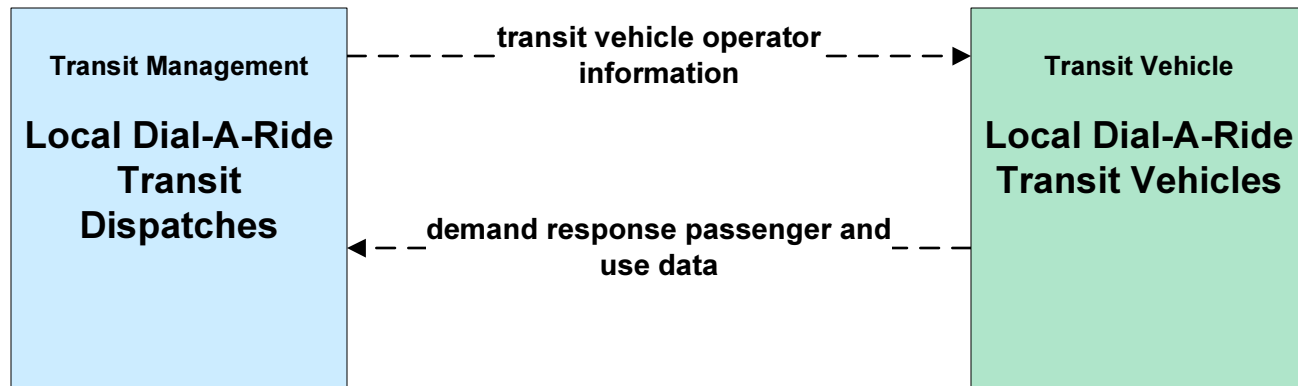


The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

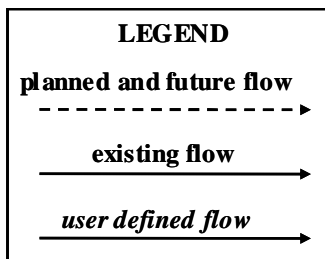
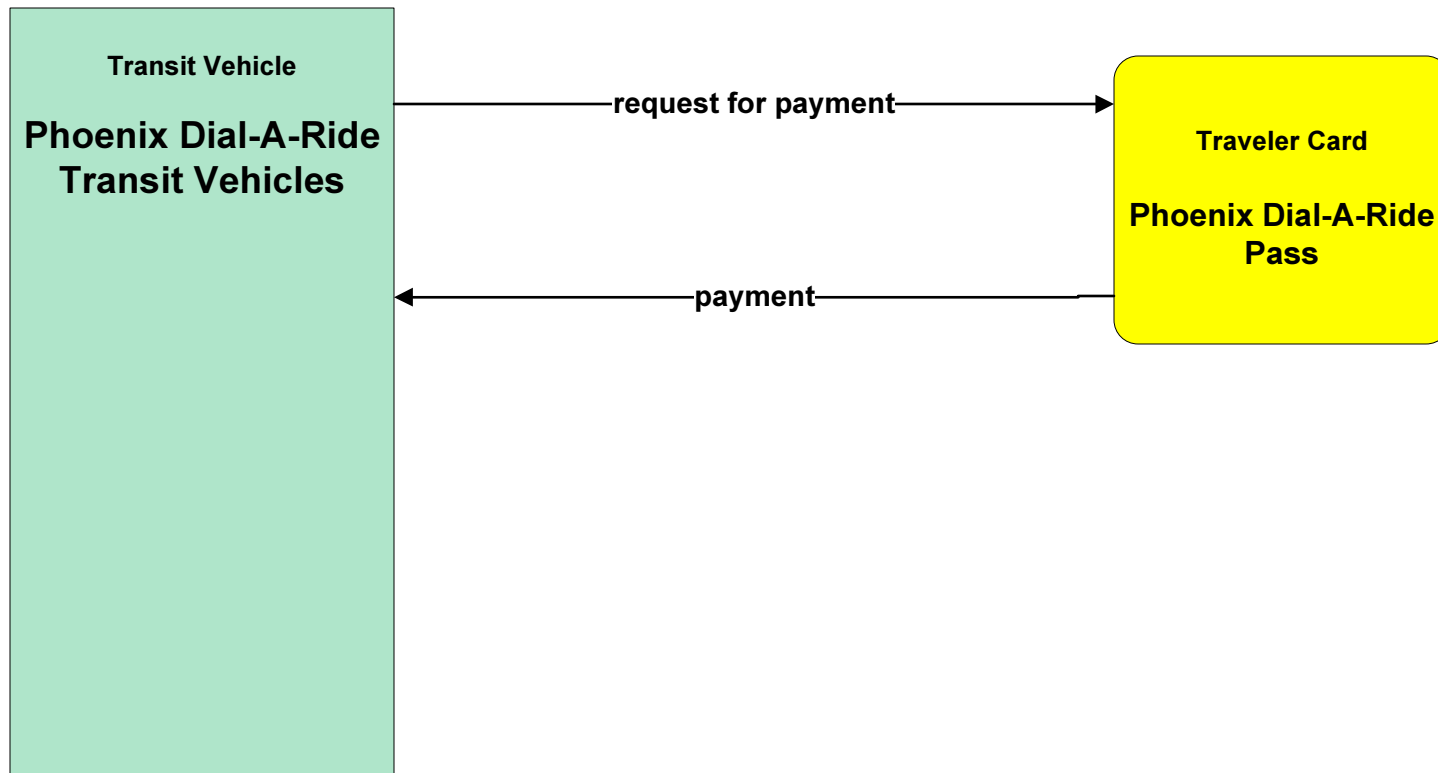
**APTS03 - Demand Response Transit Operations
Local Dial-A-Ride Transit Systems (2 of 2)**



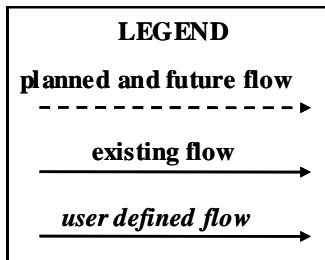
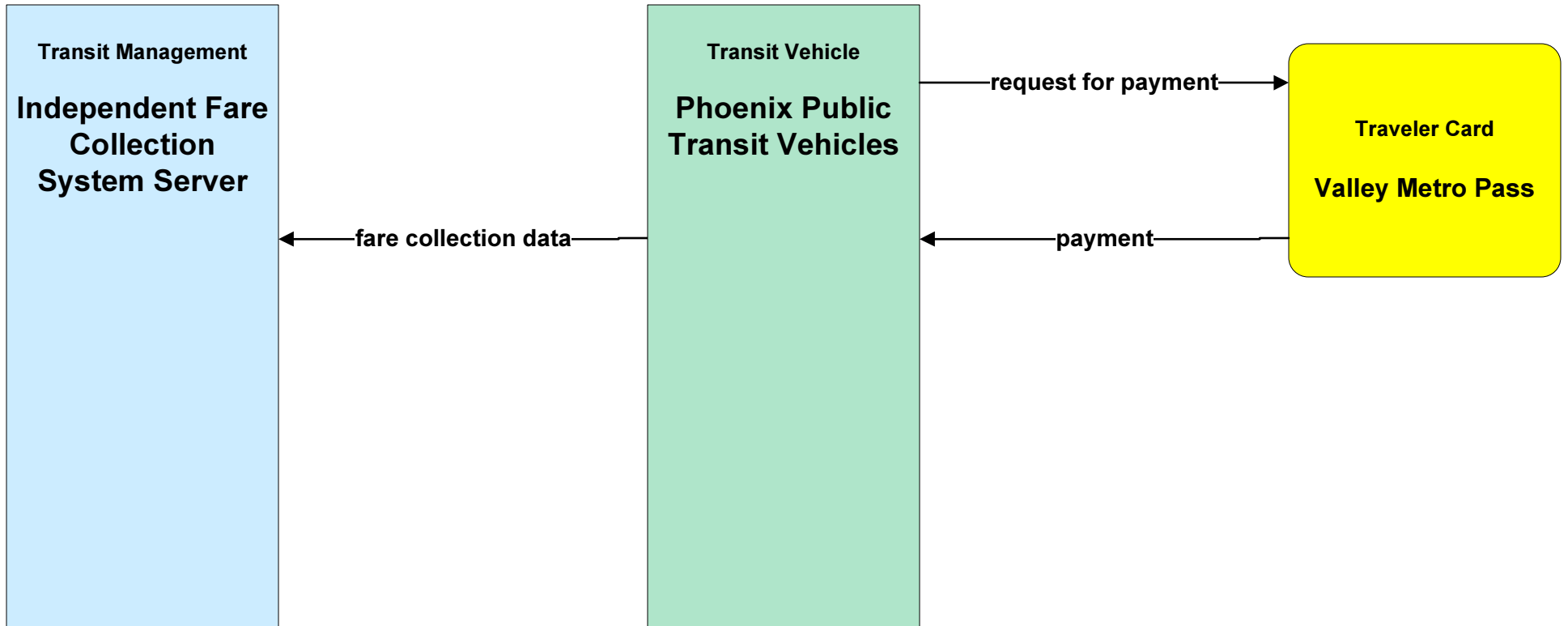
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.



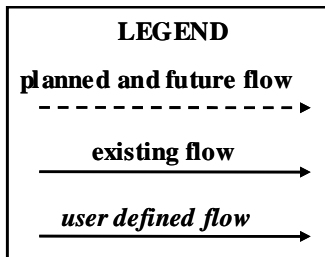
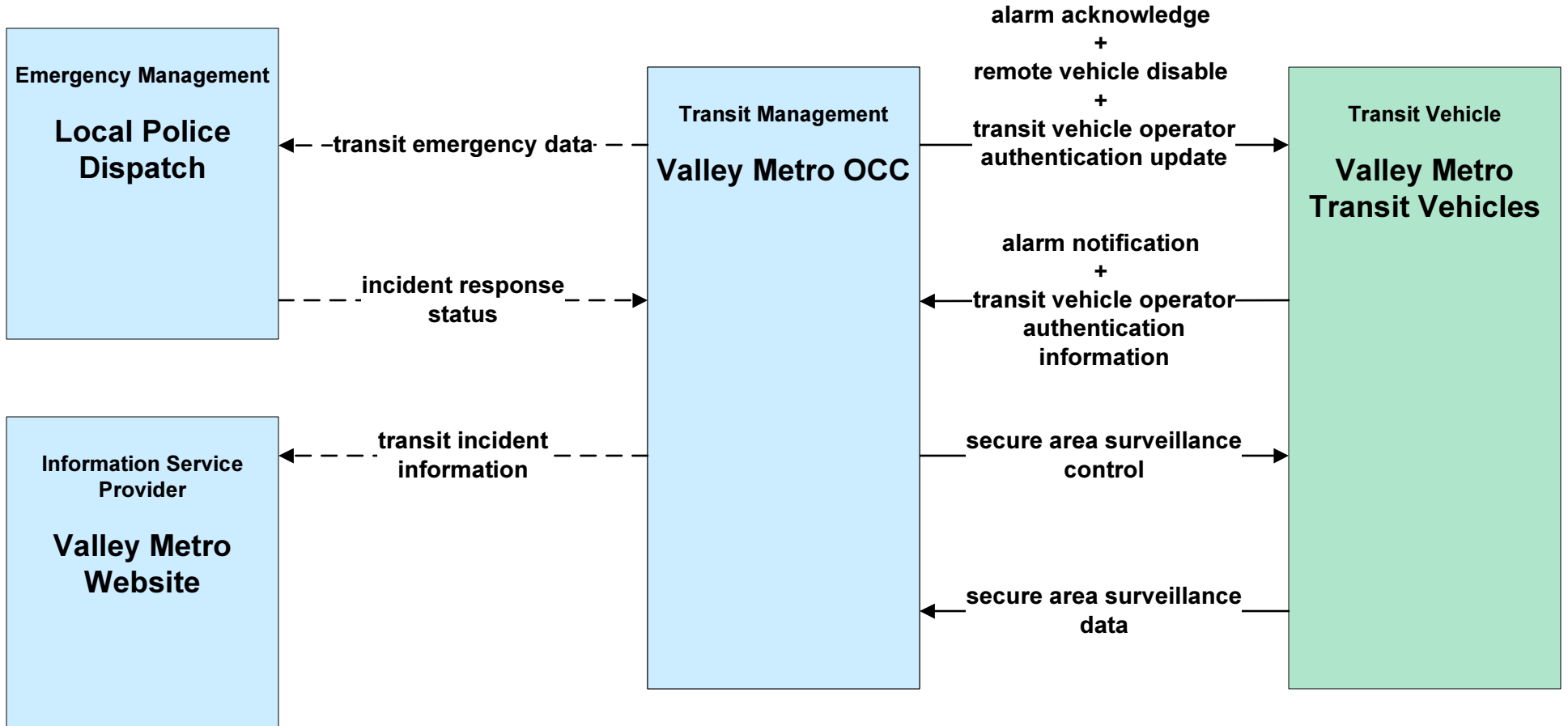
**APTS04 - Transit Fare Collection Management
Phoenix Dial-A-Ride**



**APTS04 - Transit Fare Collection Management
Phoenix Public Transit**

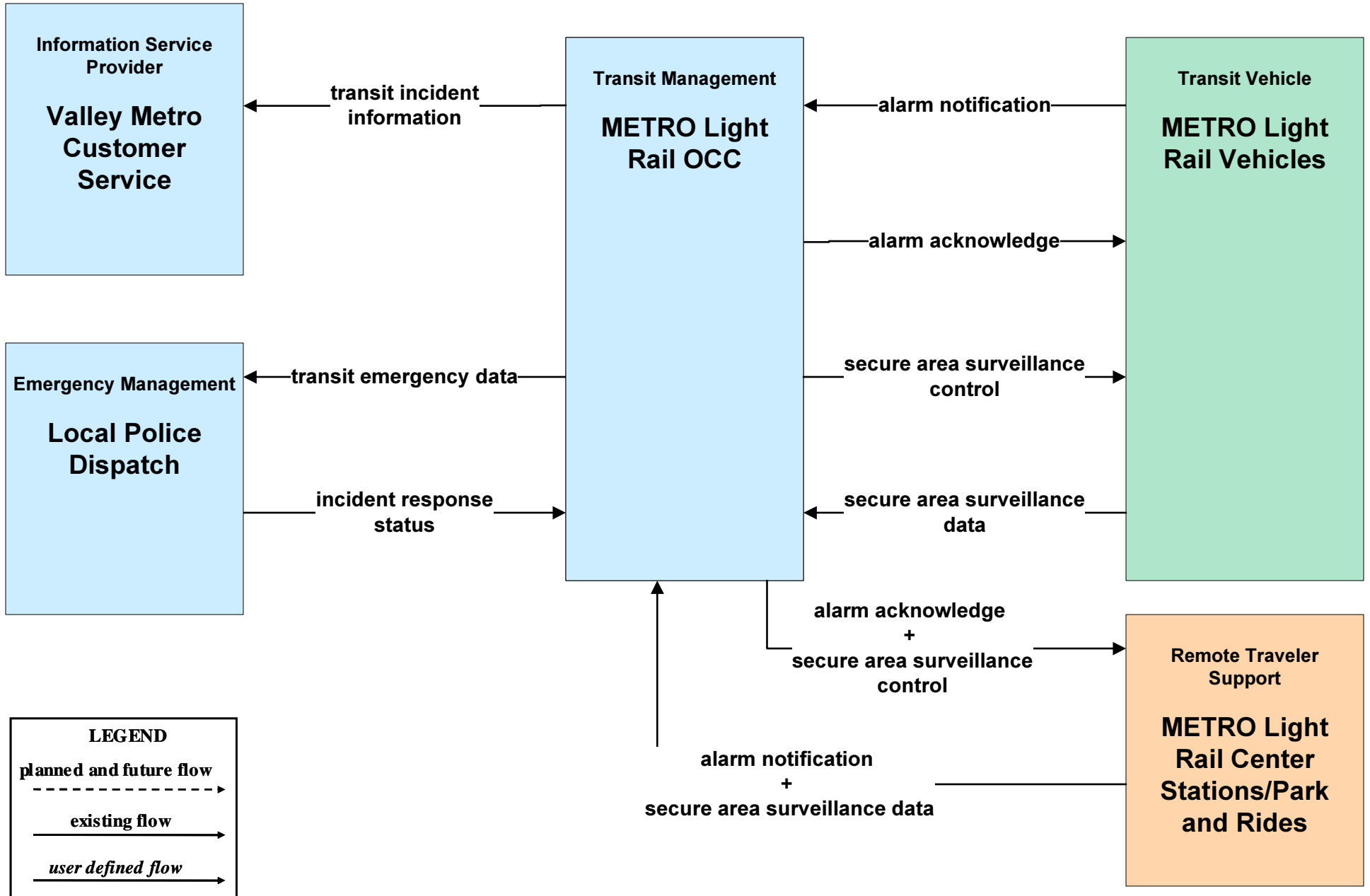


APTS05 - Transit Security Valley Metro



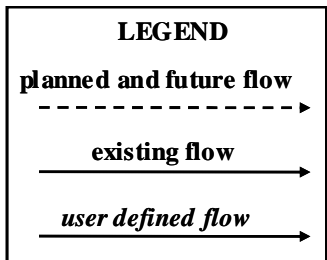
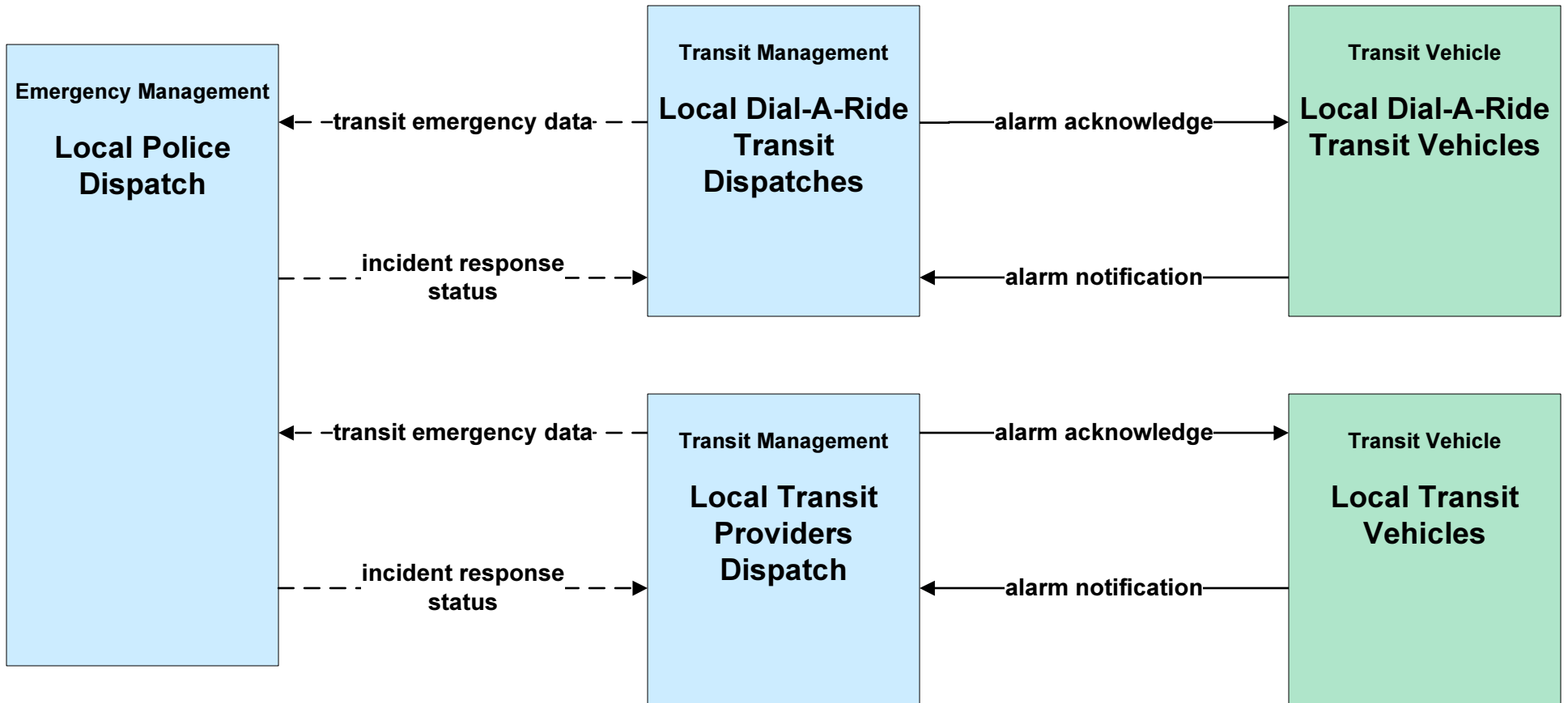
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

**APTS05 - Transit Security
METRO Light Rail**



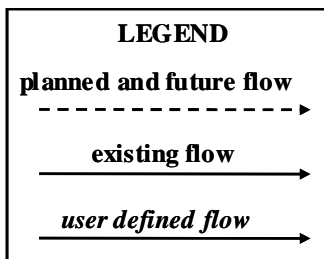
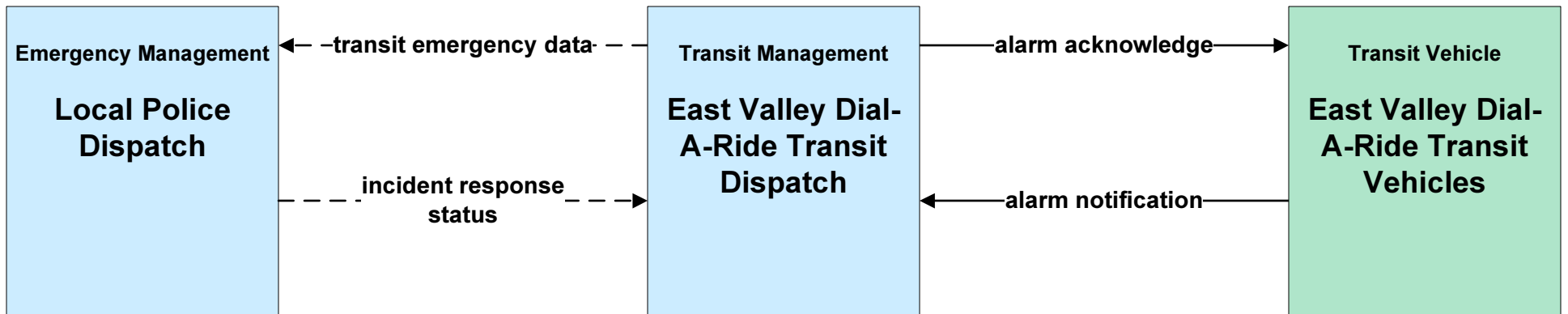
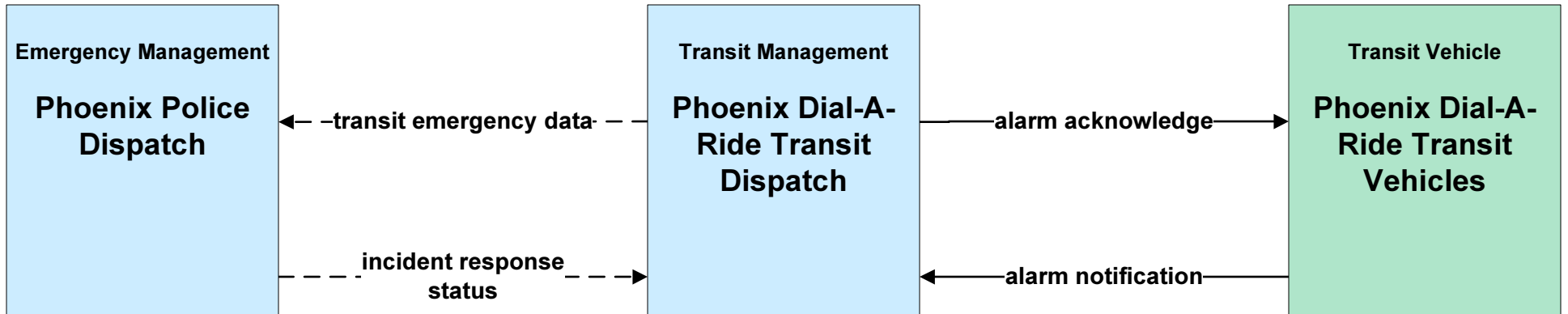
APTS05 - Transit Security

Local Dial-A-Ride and Local Transit Systems



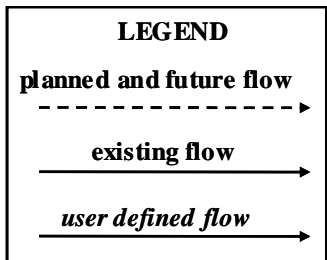
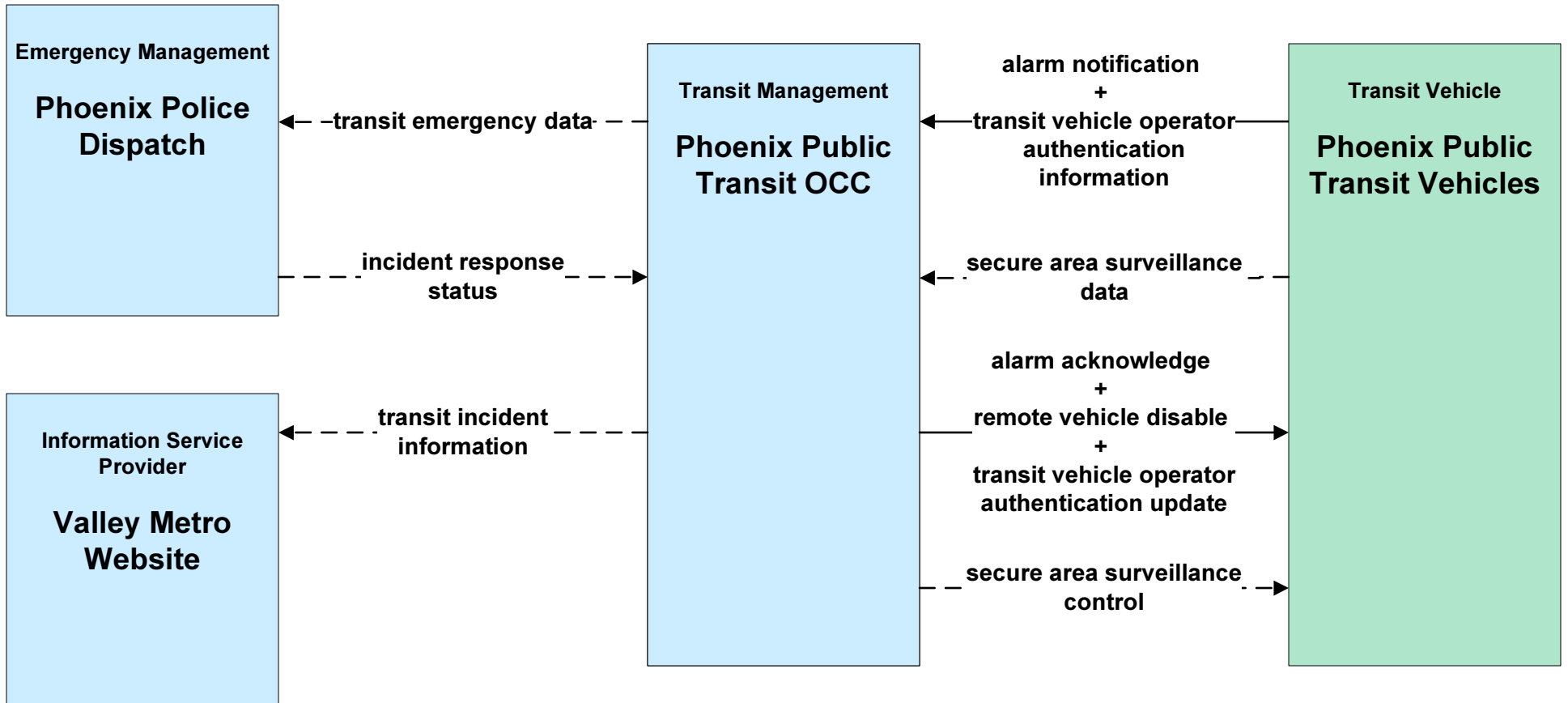
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

APTS05 - Transit Security
Phoenix Dial-A-Ride and East Valley Dial-A-Ride



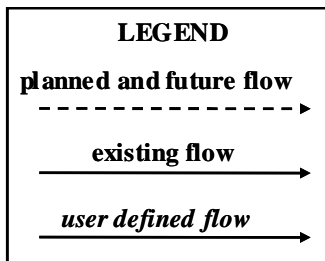
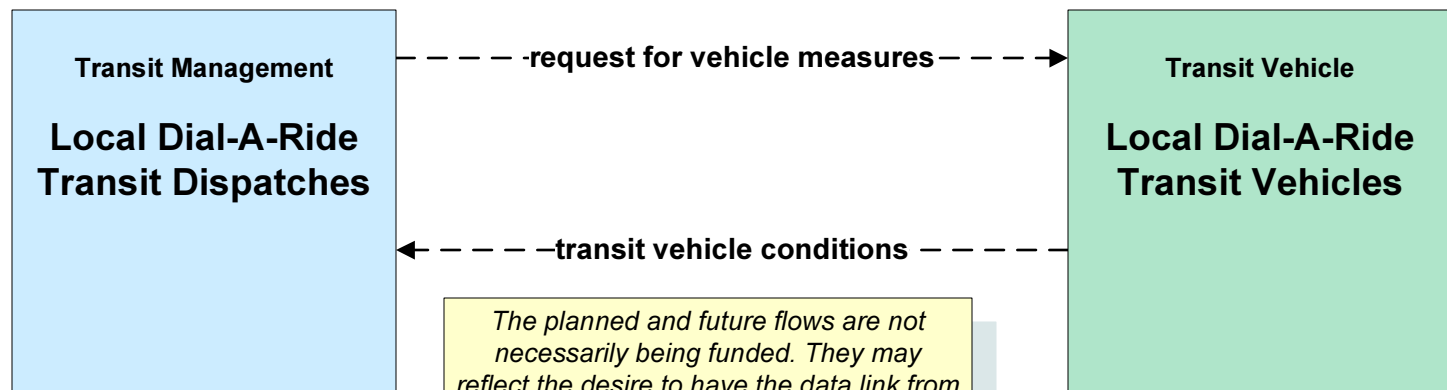
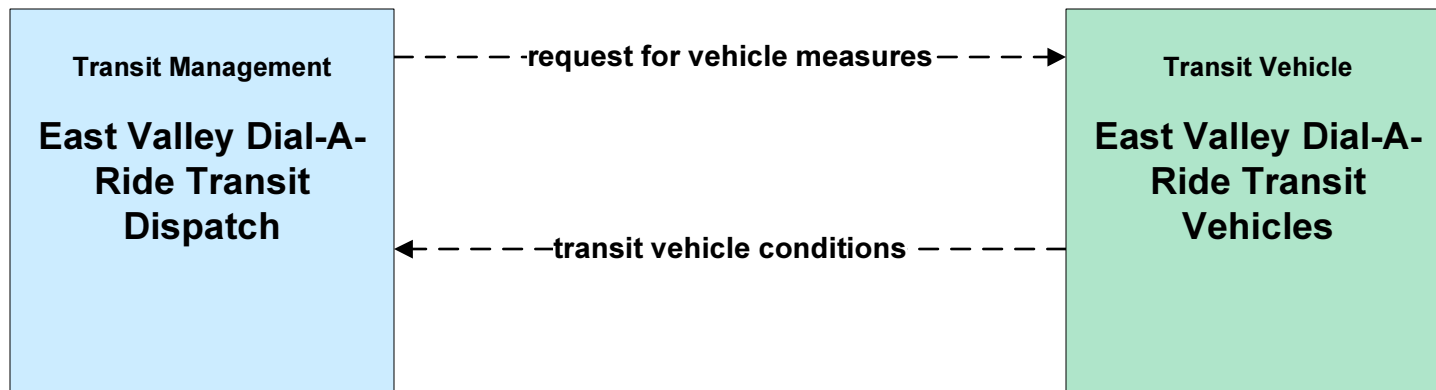
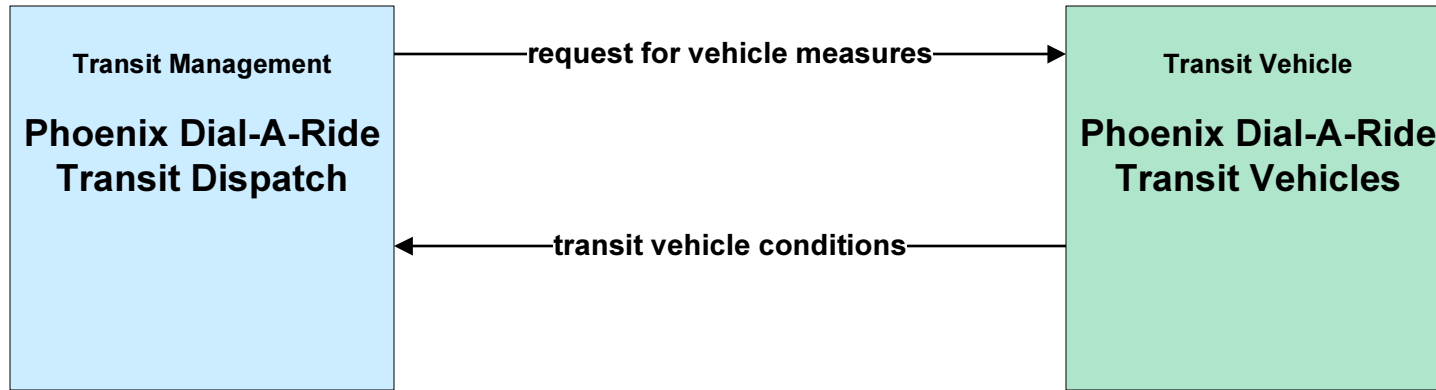
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

APTS05 - Transit Security Phoenix Public Transit



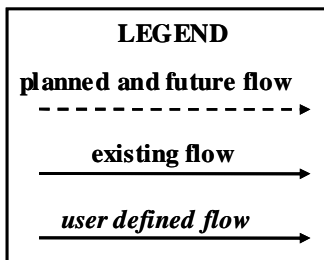
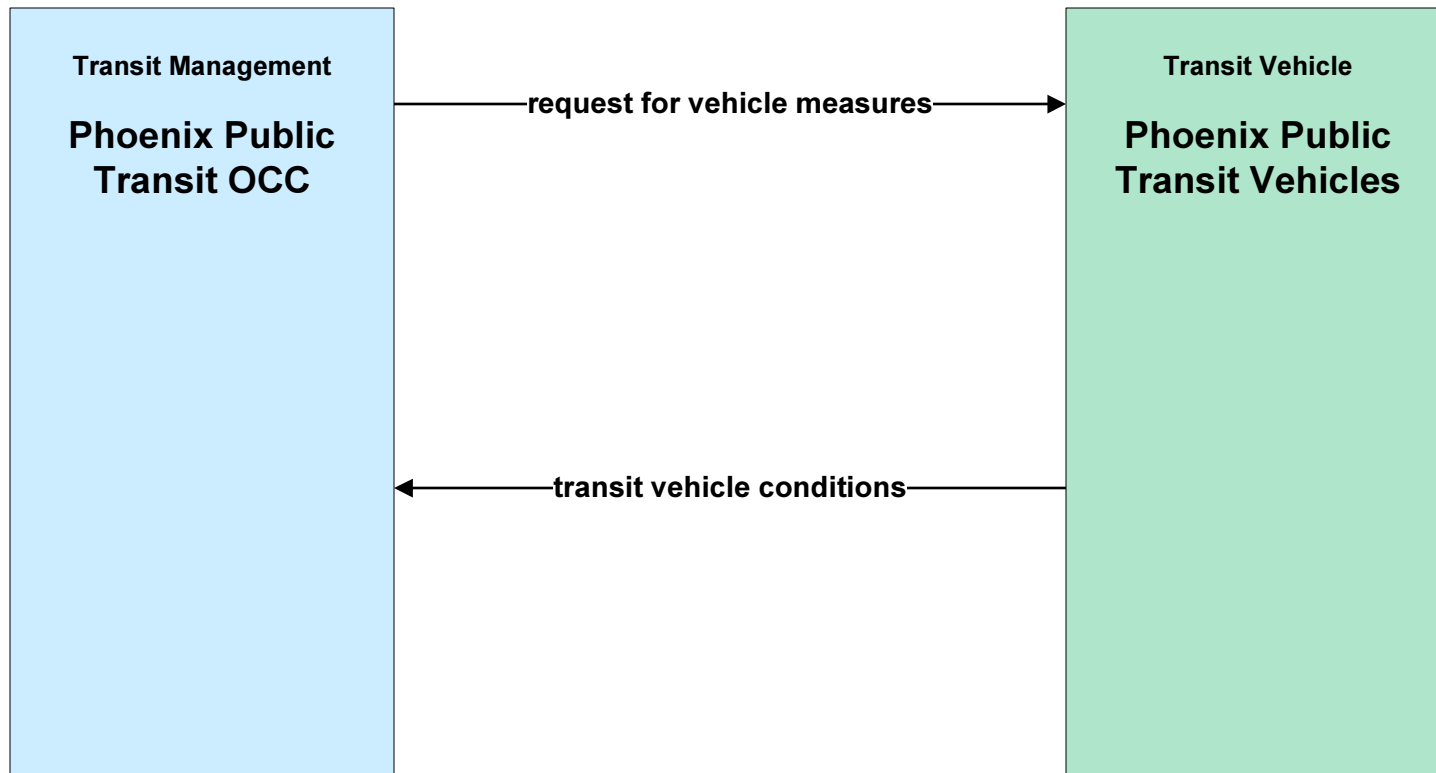
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

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

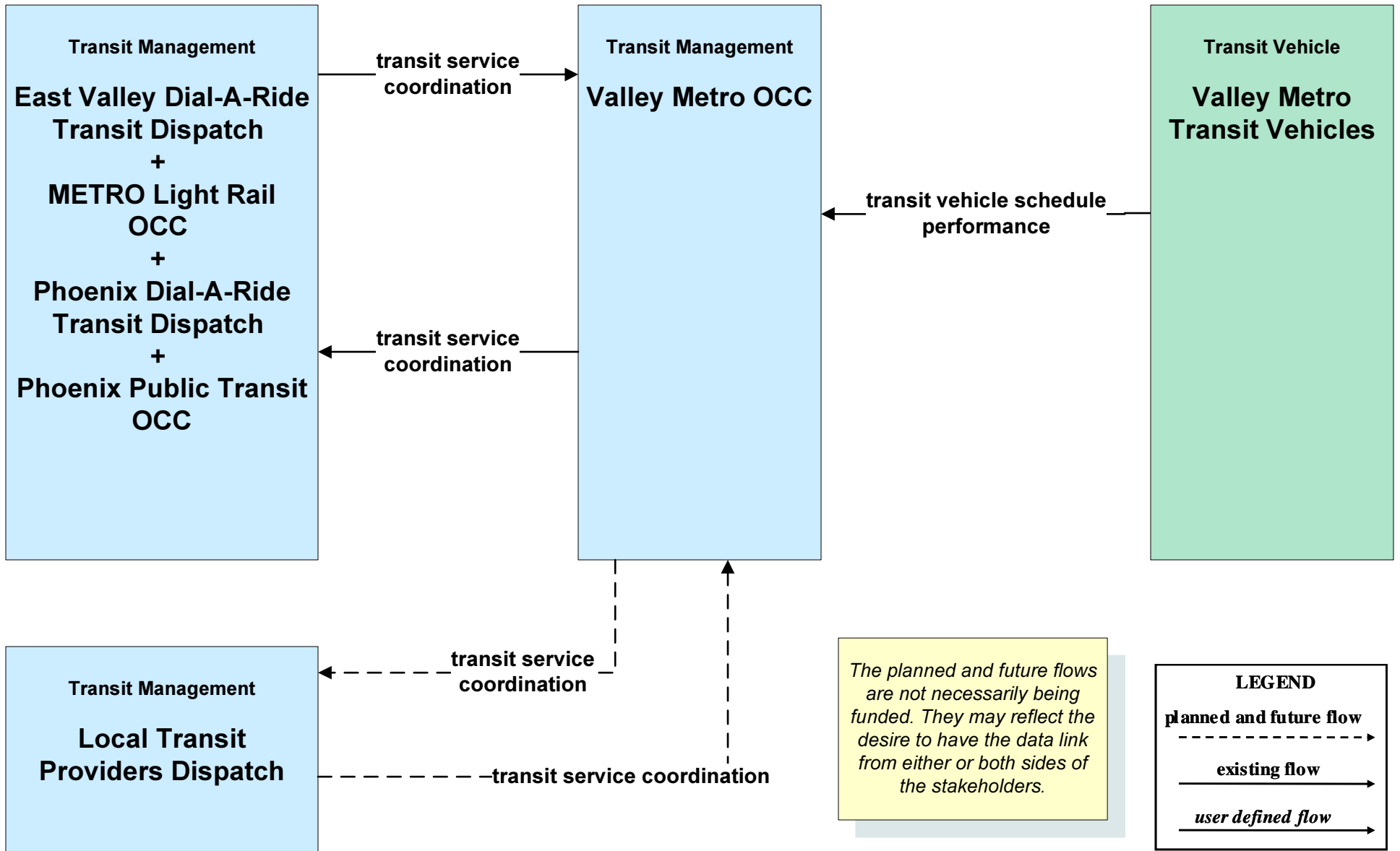


The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

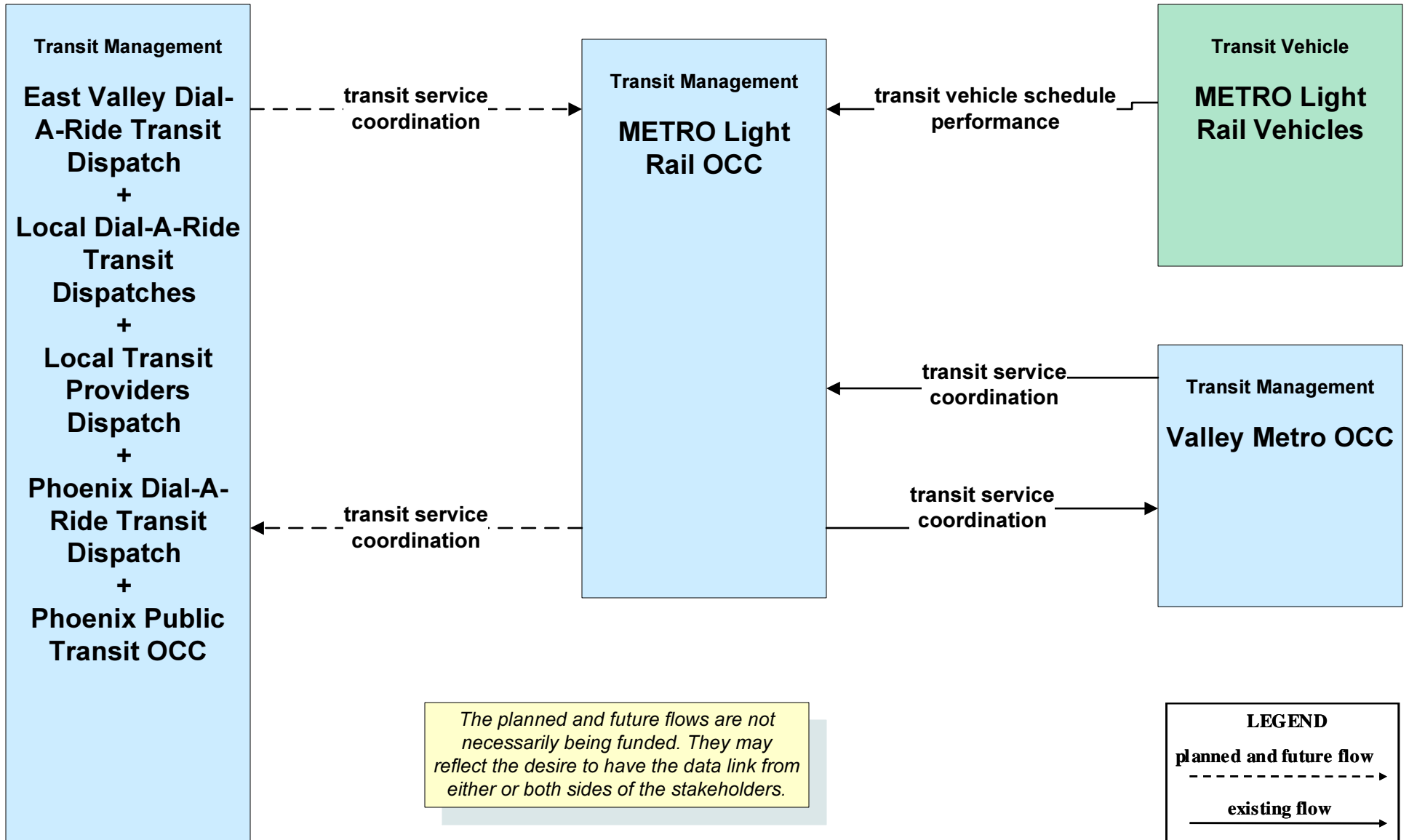
**APTS06 - Transit Fleet Management
Phoenix Public Transit**



APTS07 - Multi-modal Coordination Valley Metro



**APTS07 - Multi-modal Coordination
METRO Light Rail**

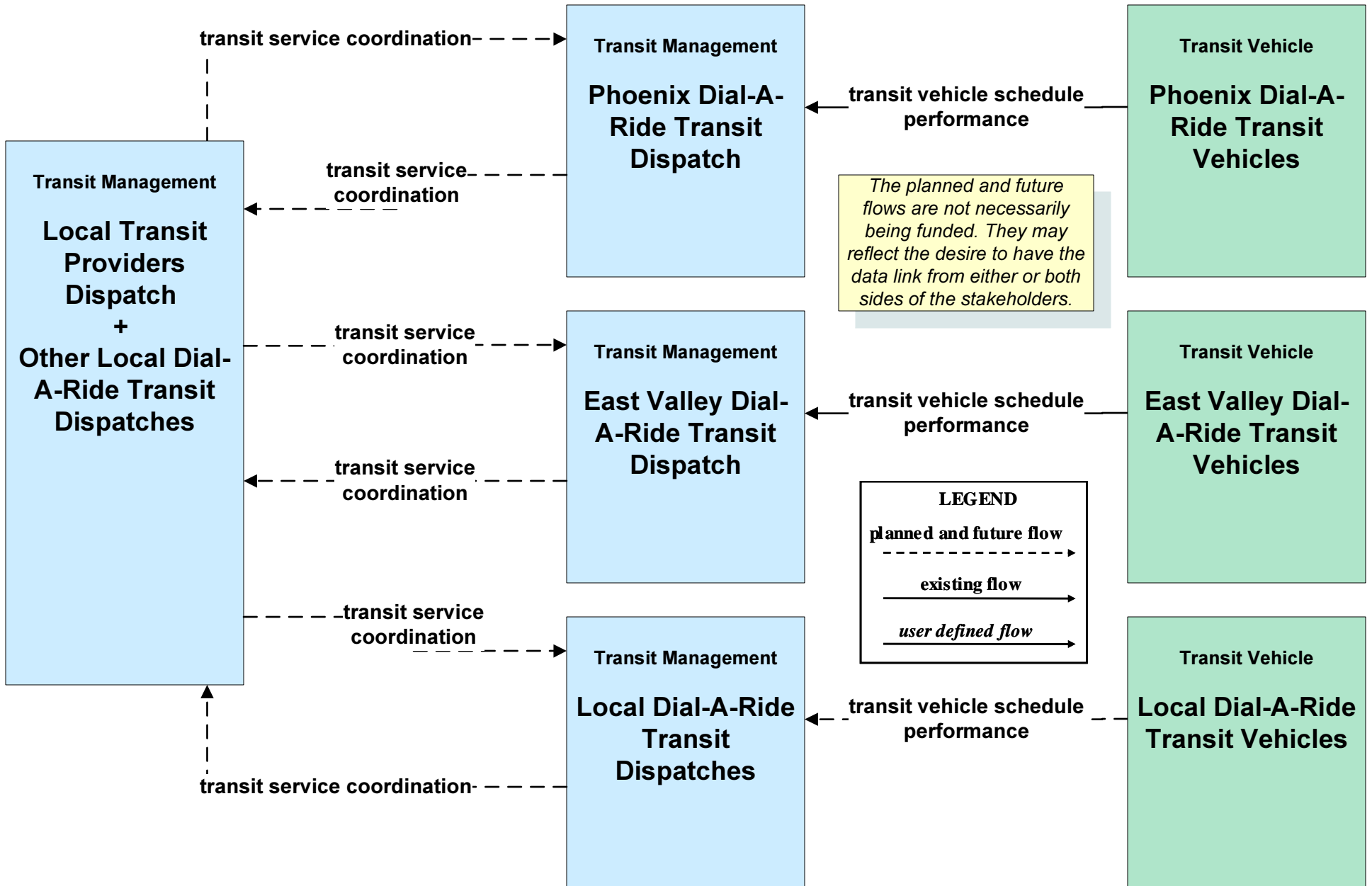


The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

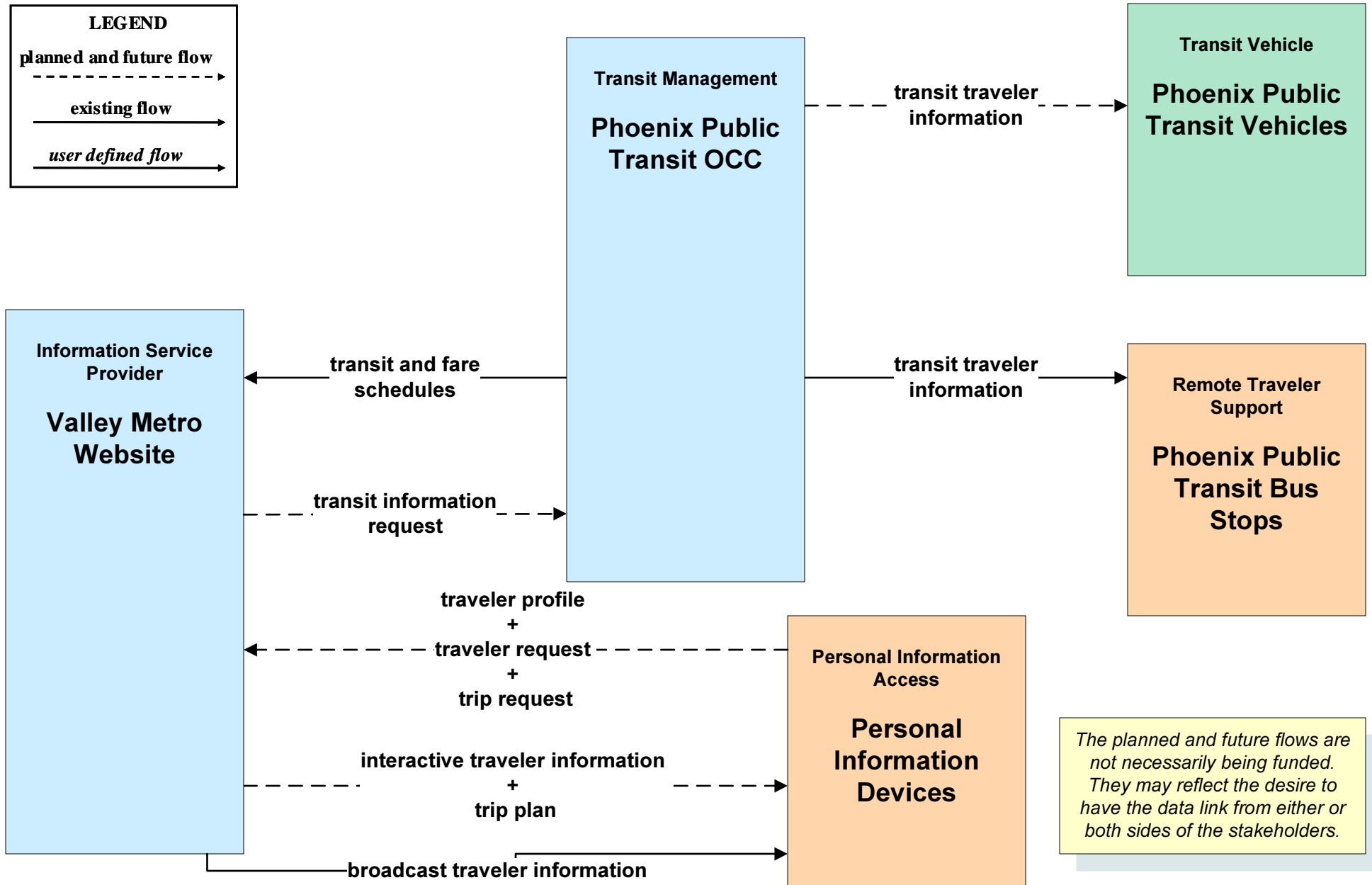
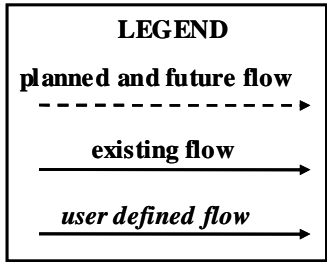
LEGEND

- planned and future flow** (dashed arrow)
- existing flow** (solid arrow)
- user defined flow** (solid arrow with underline)

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



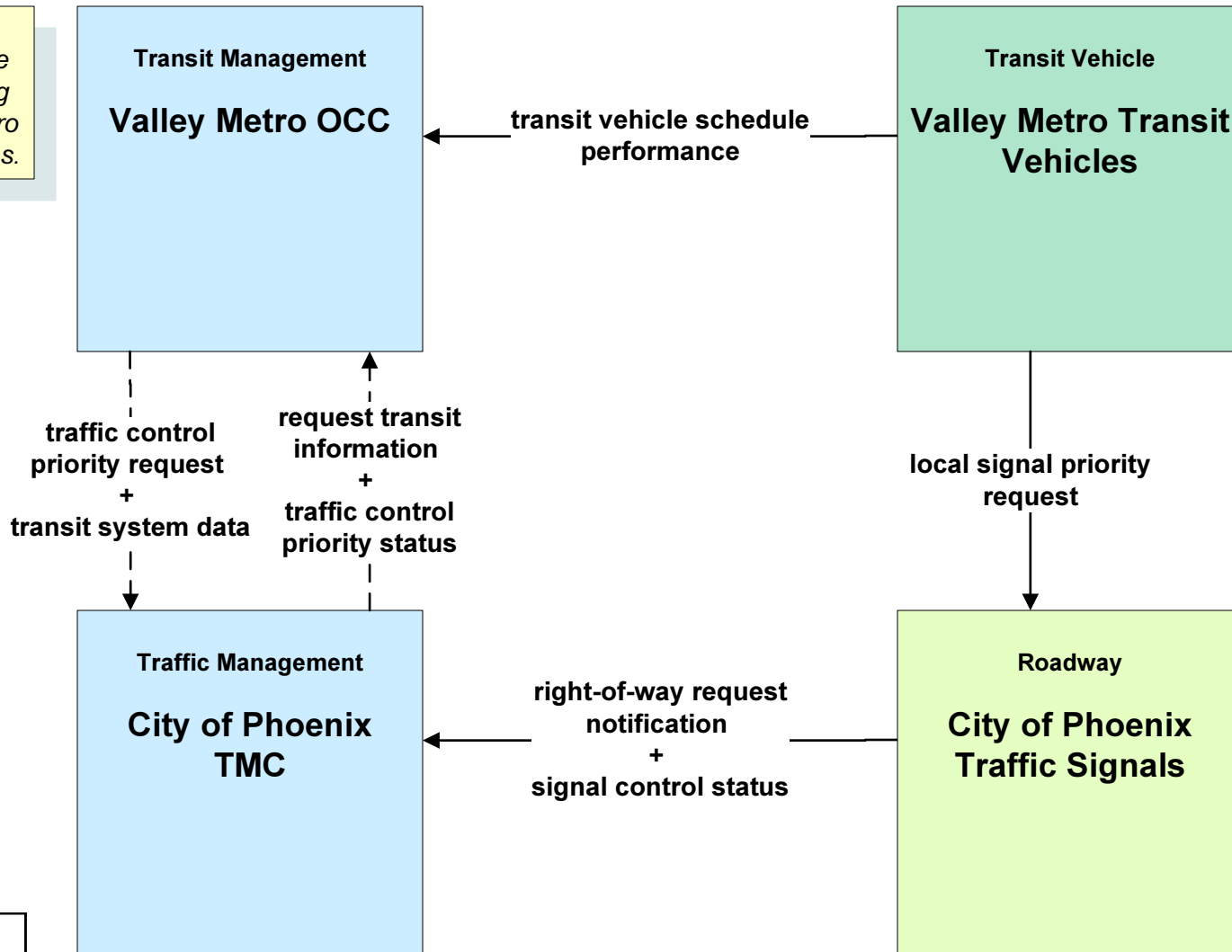
APTS08 - Transit Traveler Information Phoenix Public Transit



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.

APTS09 – Transit Signal Priority Valley Metro – City of Phoenix

Some cities have infrastructure in place which is not yet being utilized by Valley Metro or local transit services.

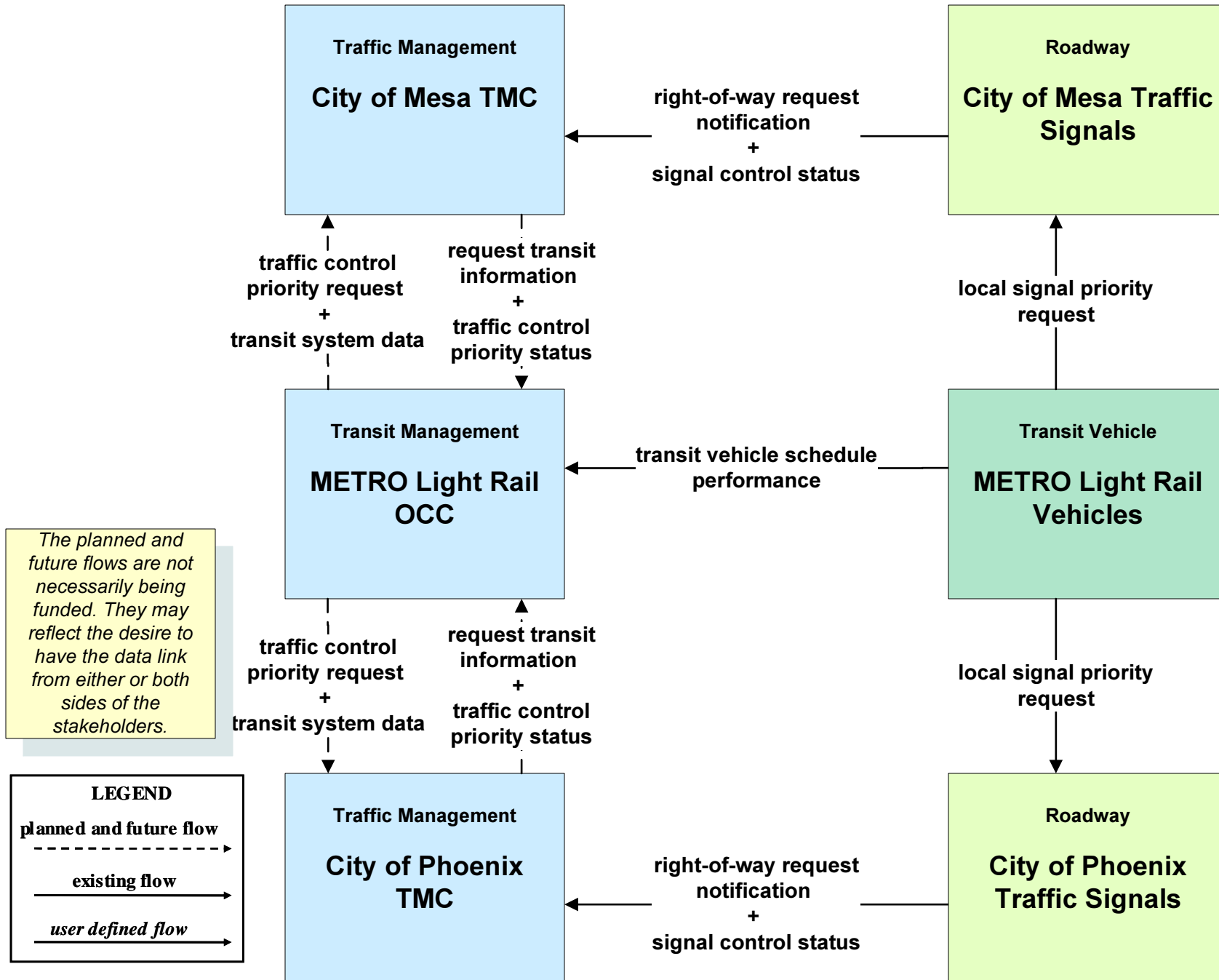


LEGEND

- planned and future flow* (dashed arrow)
- existing flow* (solid arrow)
- user defined flow* (solid arrow)

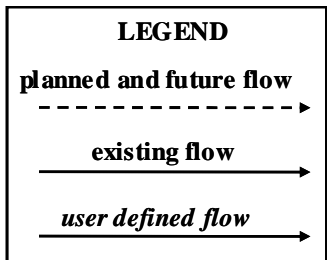
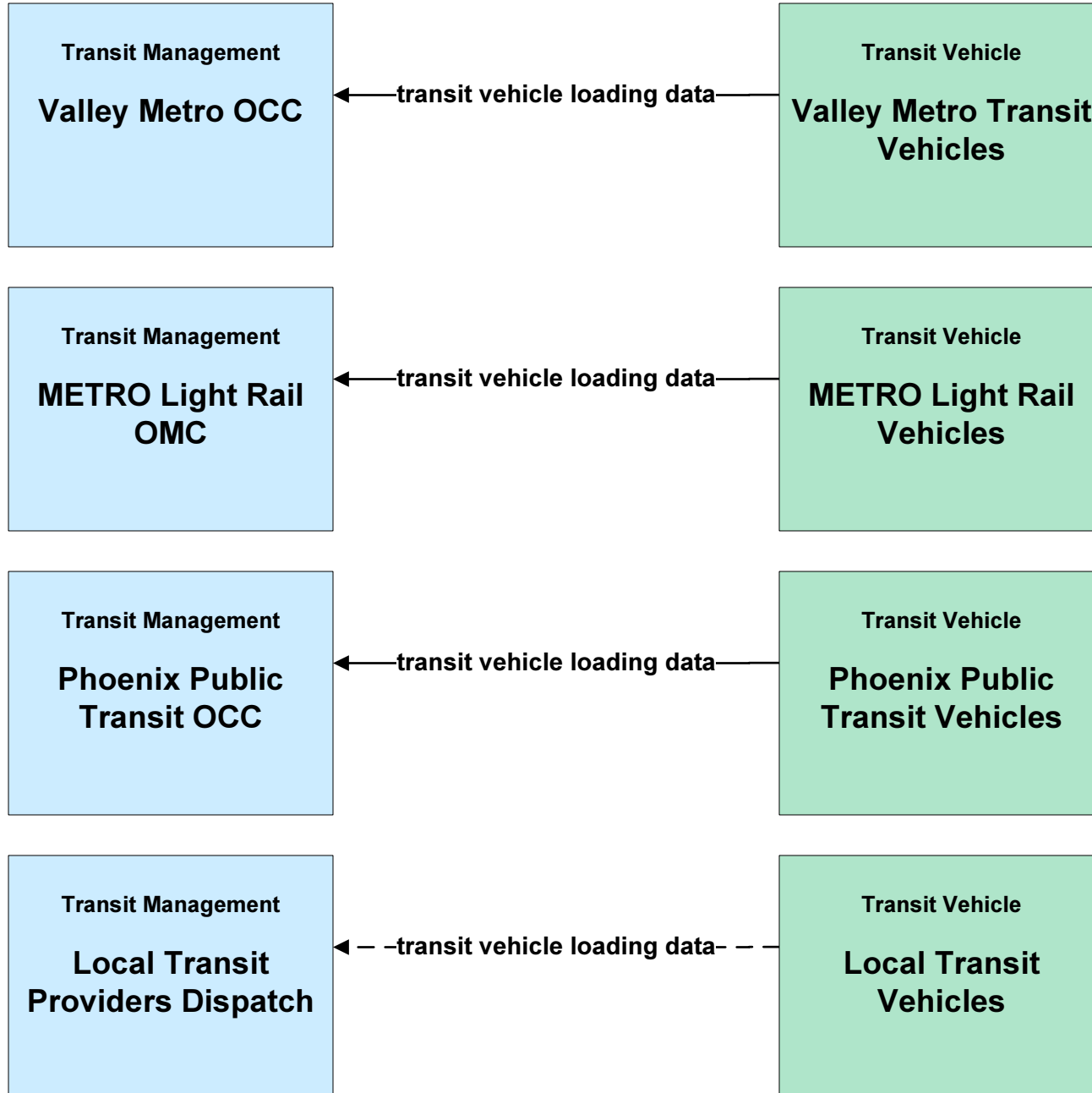
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

APTS09 – Transit Signal Priority METRO Light Rail – City of Mesa and City of Phoenix

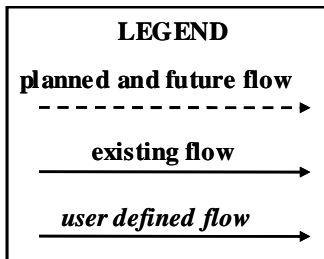
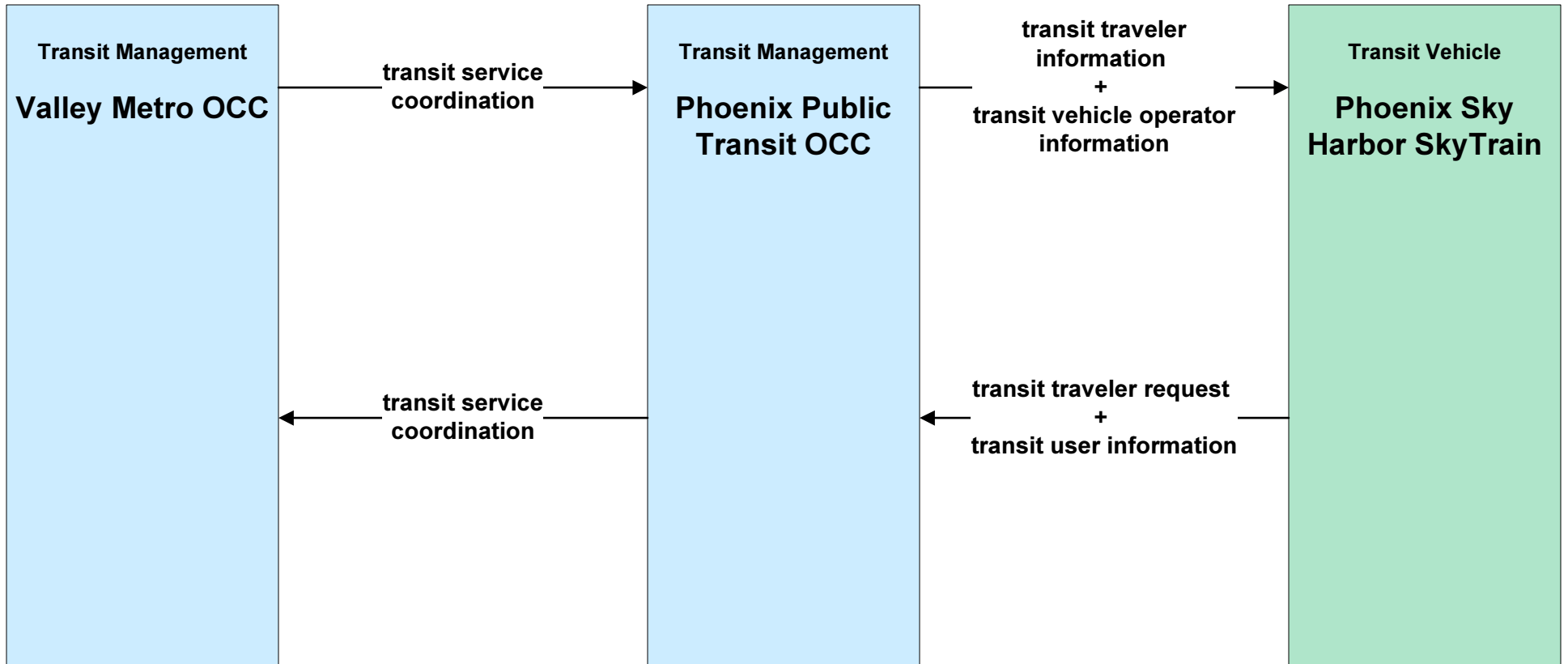


APTS10 – Transit Passenger Counting Area Transit Providers

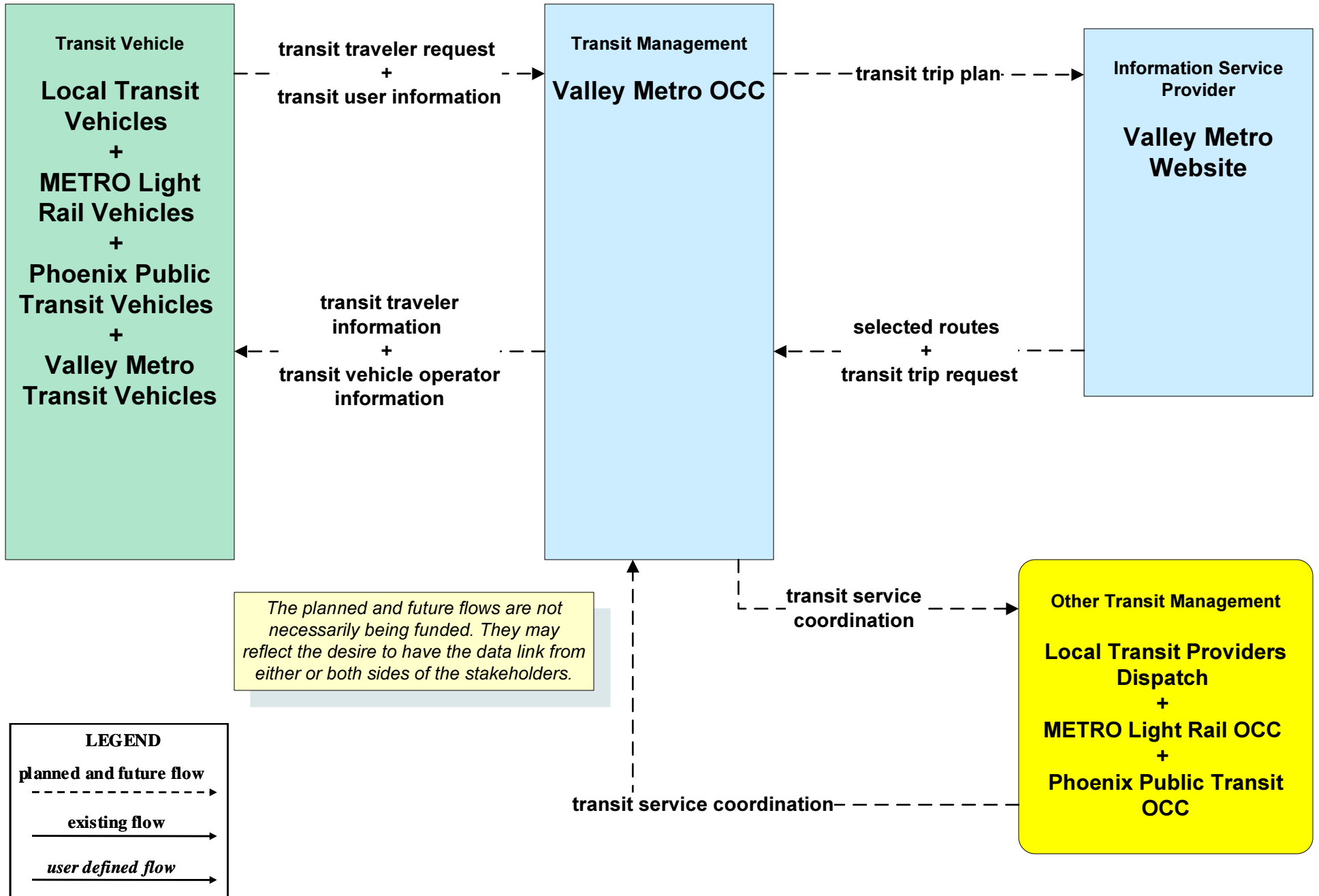
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.



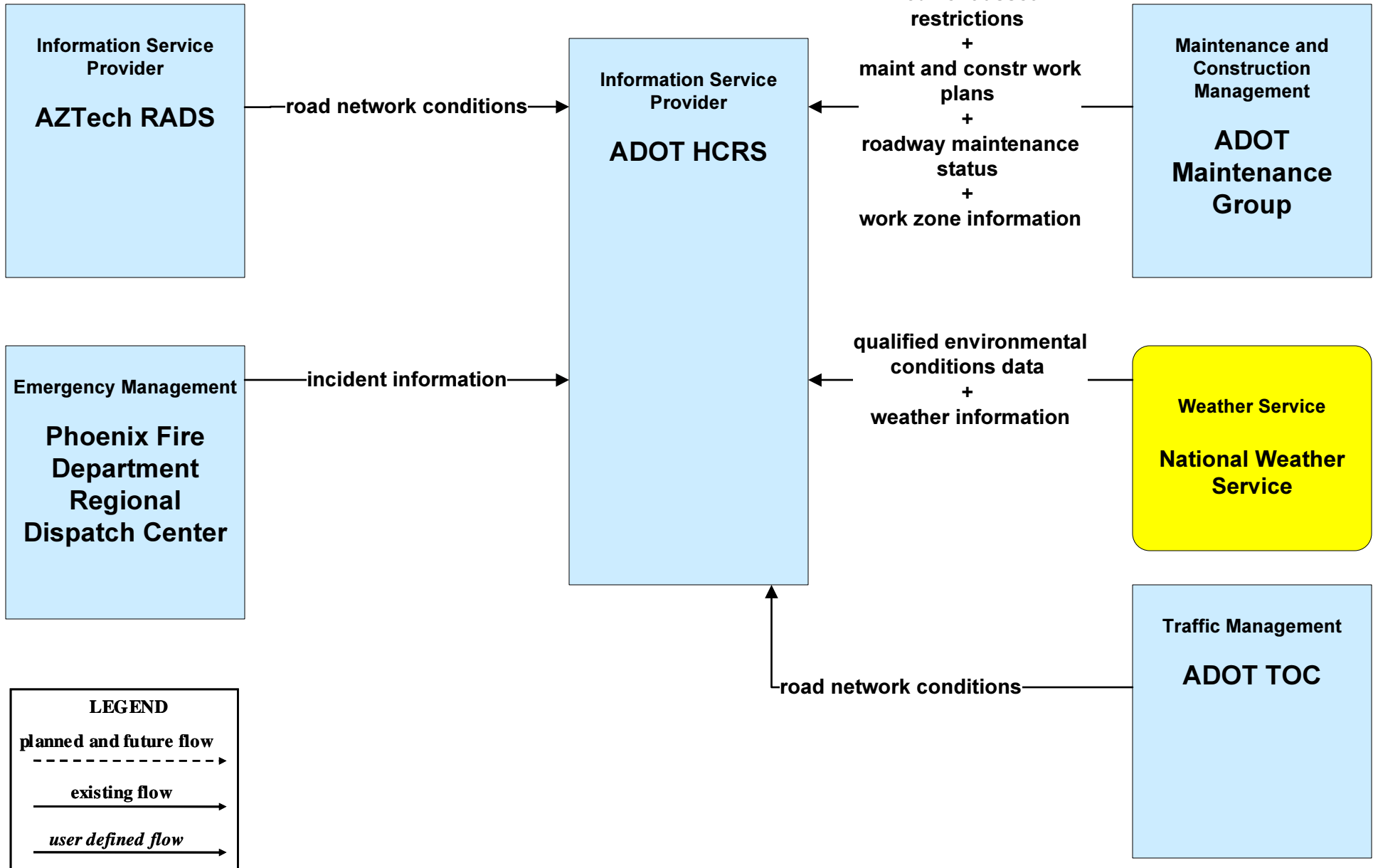
**APTS11 – Multimodal Connection Protection
Phoenix Sky Harbor SkyTrain**



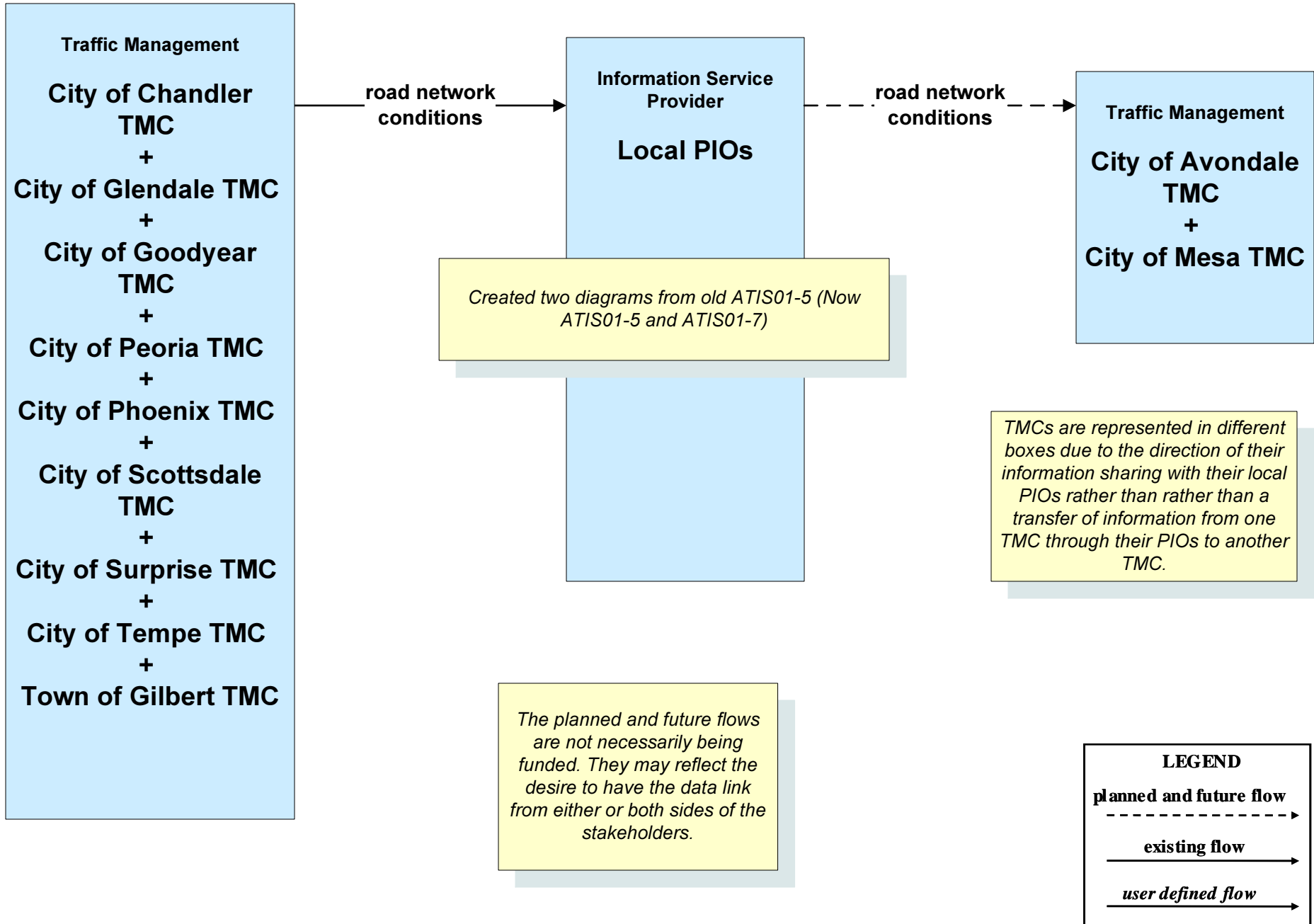
APTS11 – Multimodal Connection Protection Area Transit Providers



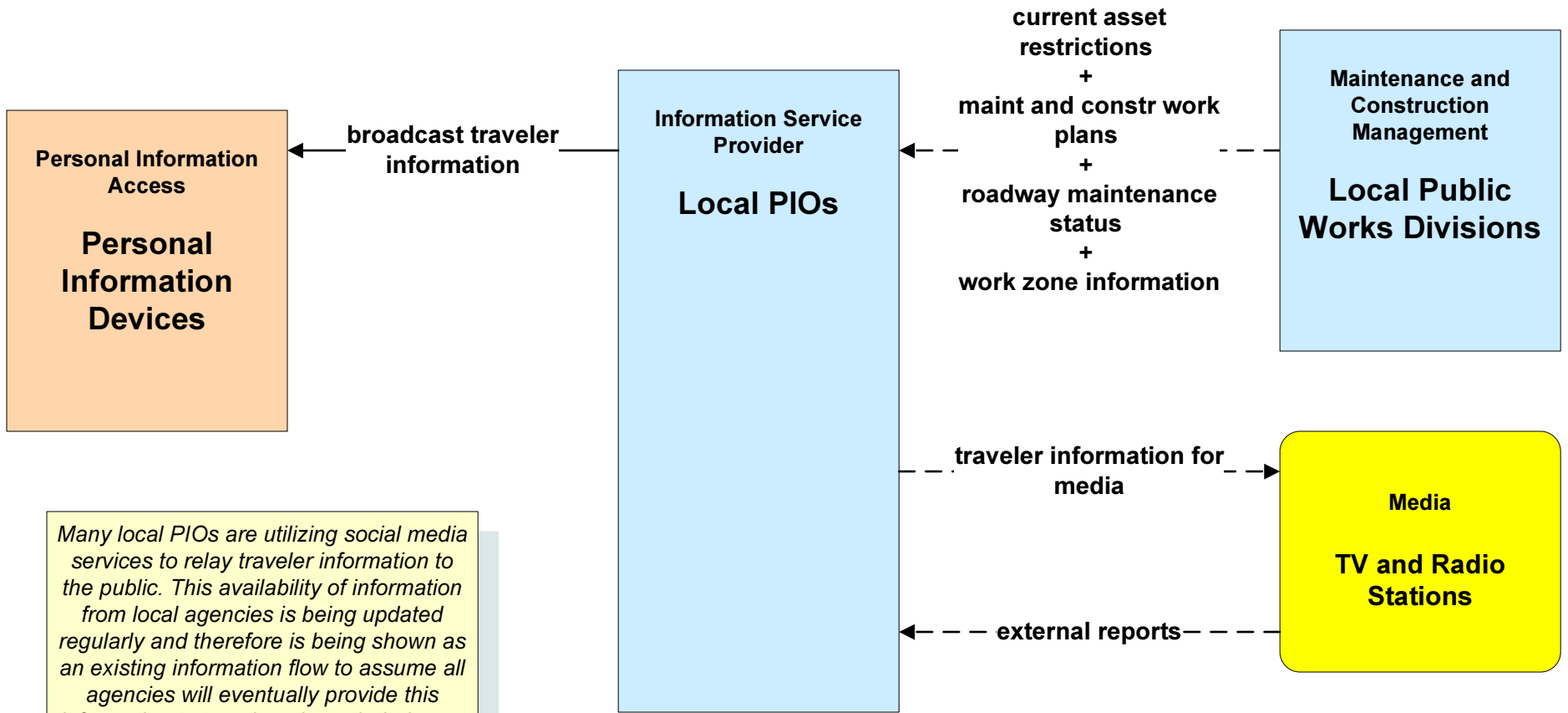
**ATIS01 - Broadcast Traveler Information
ADOT HCRS (Inputs)**



ATIS01 - Broadcast Traveler Information Local Cities and Municipalities (1 of 2)

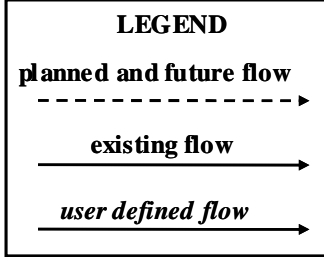


ATIS01 - Broadcast Traveler Information Local Cities and Municipalities (2 of 2)

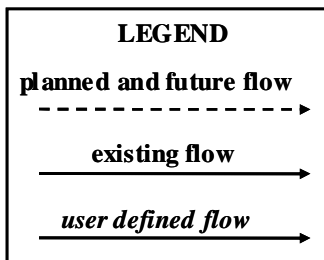
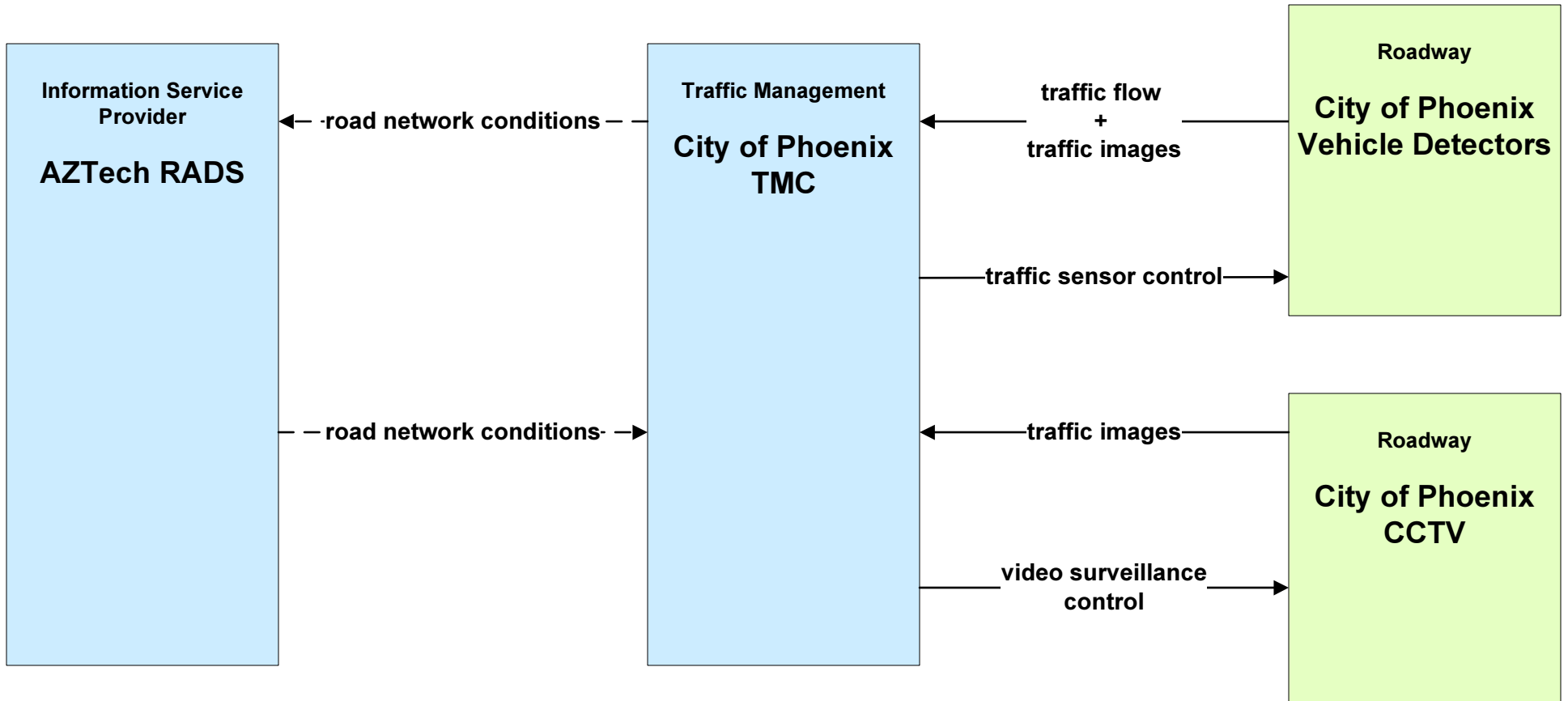


Many local PIOs are utilizing social media services to relay traveler information to the public. This availability of information from local agencies is being updated regularly and therefore is being shown as an existing information flow to assume all agencies will eventually provide this information to travelers through their own services or via other services.

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.

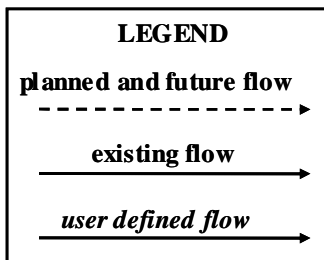
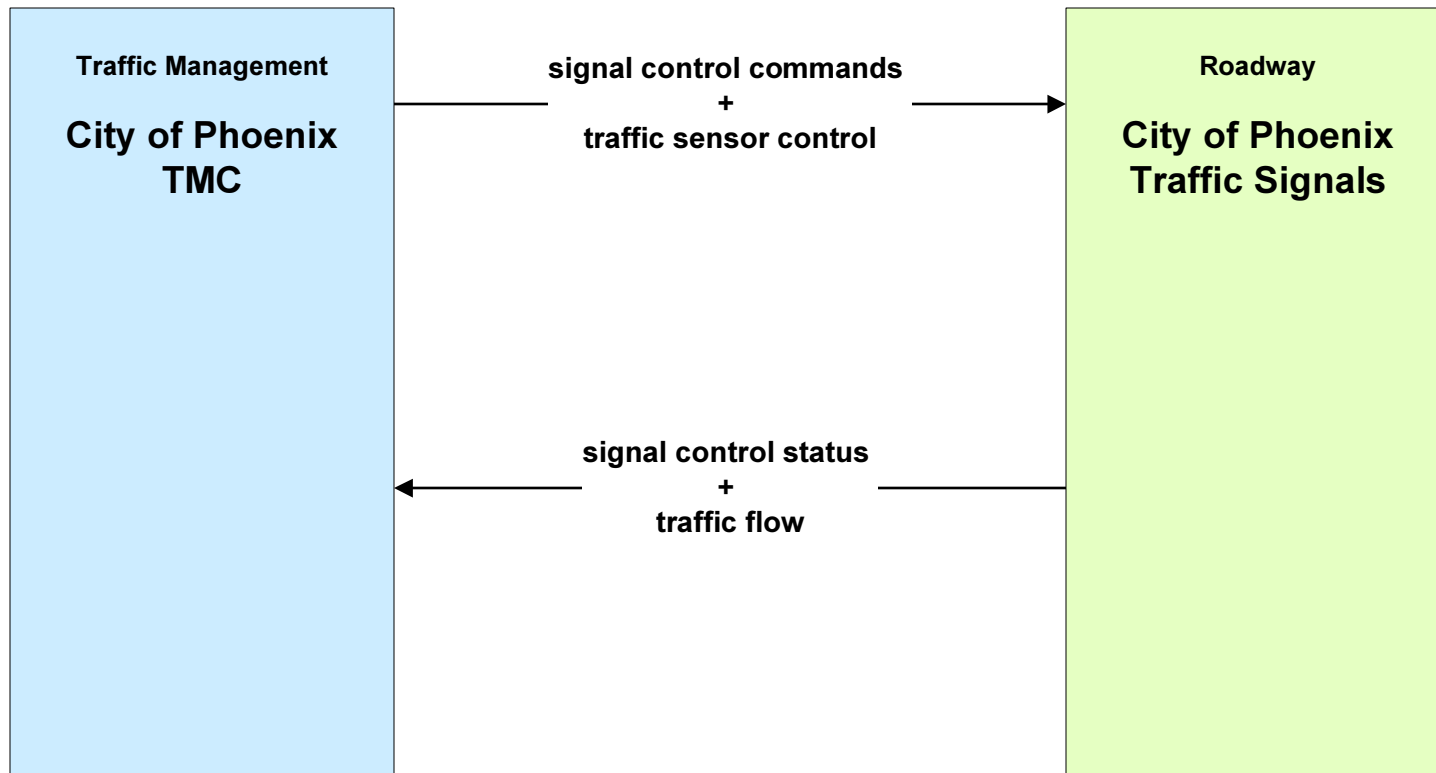


ATMS01 - Network Surveillance City of Phoenix

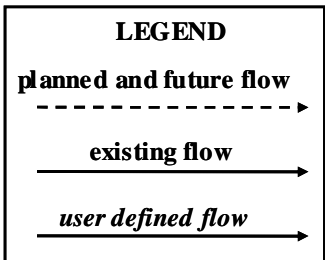
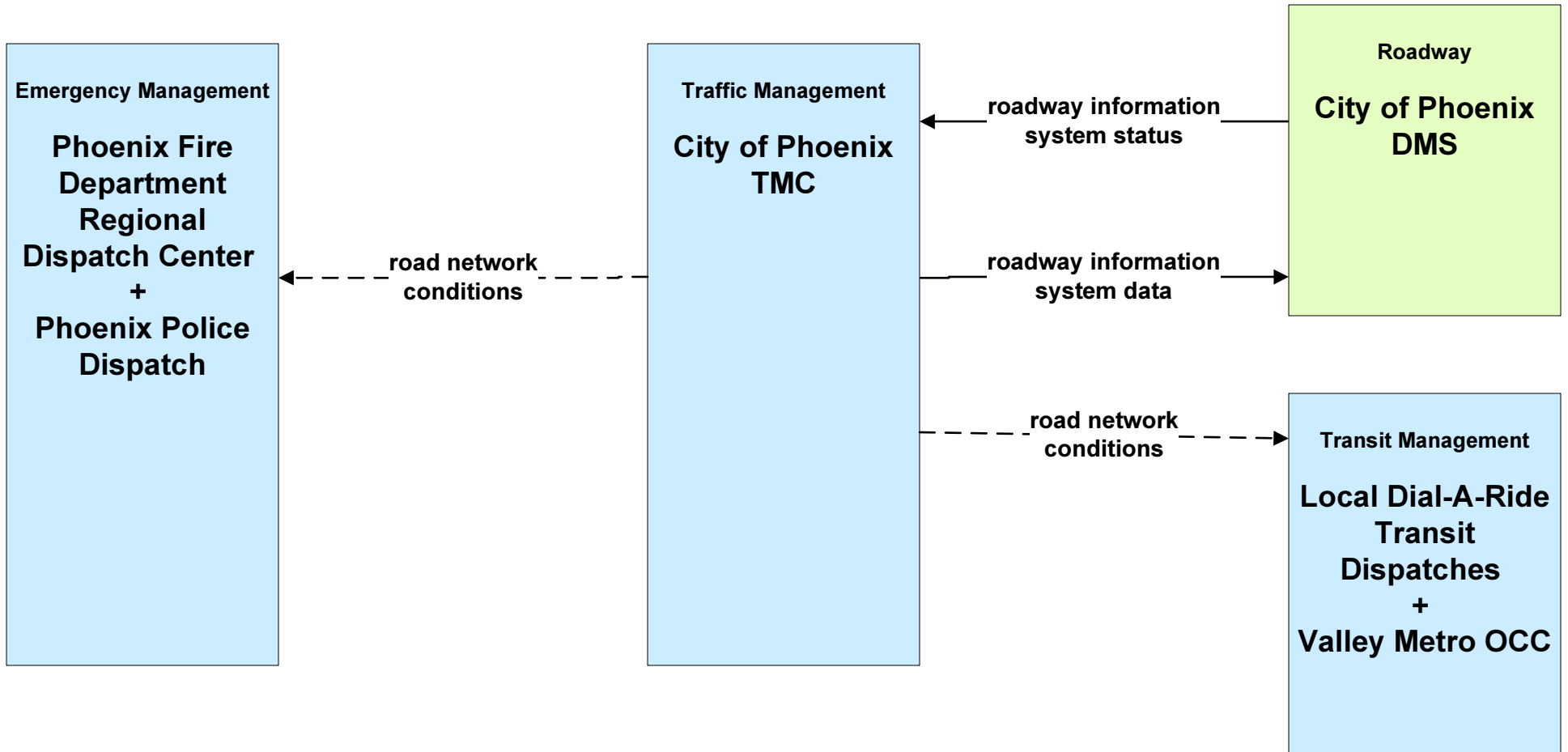


The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

ATMS03 - Traffic Signal Control City of Phoenix



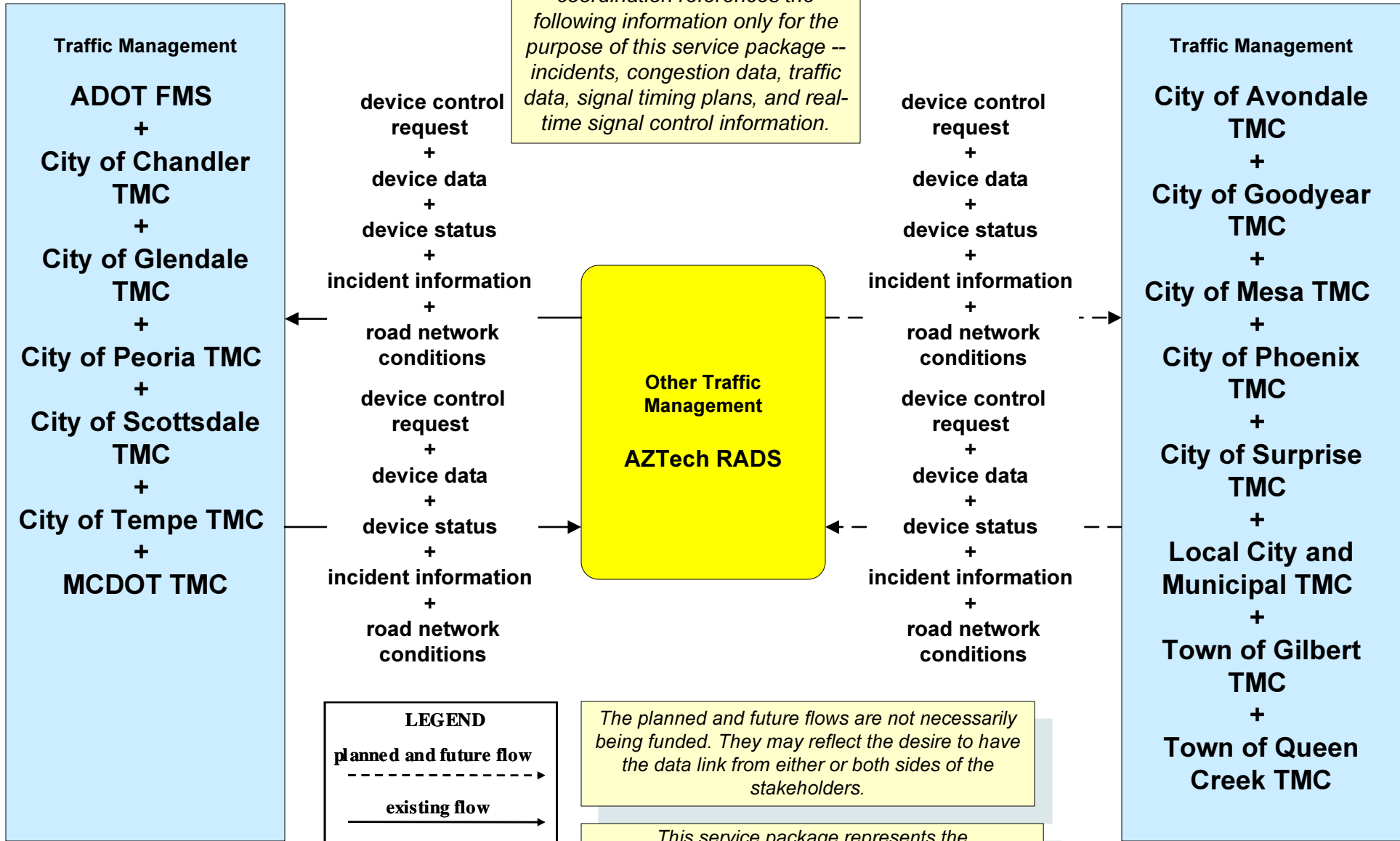
ATMS06 - Traffic Information Dissemination City of Phoenix



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.

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.



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.

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.

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.

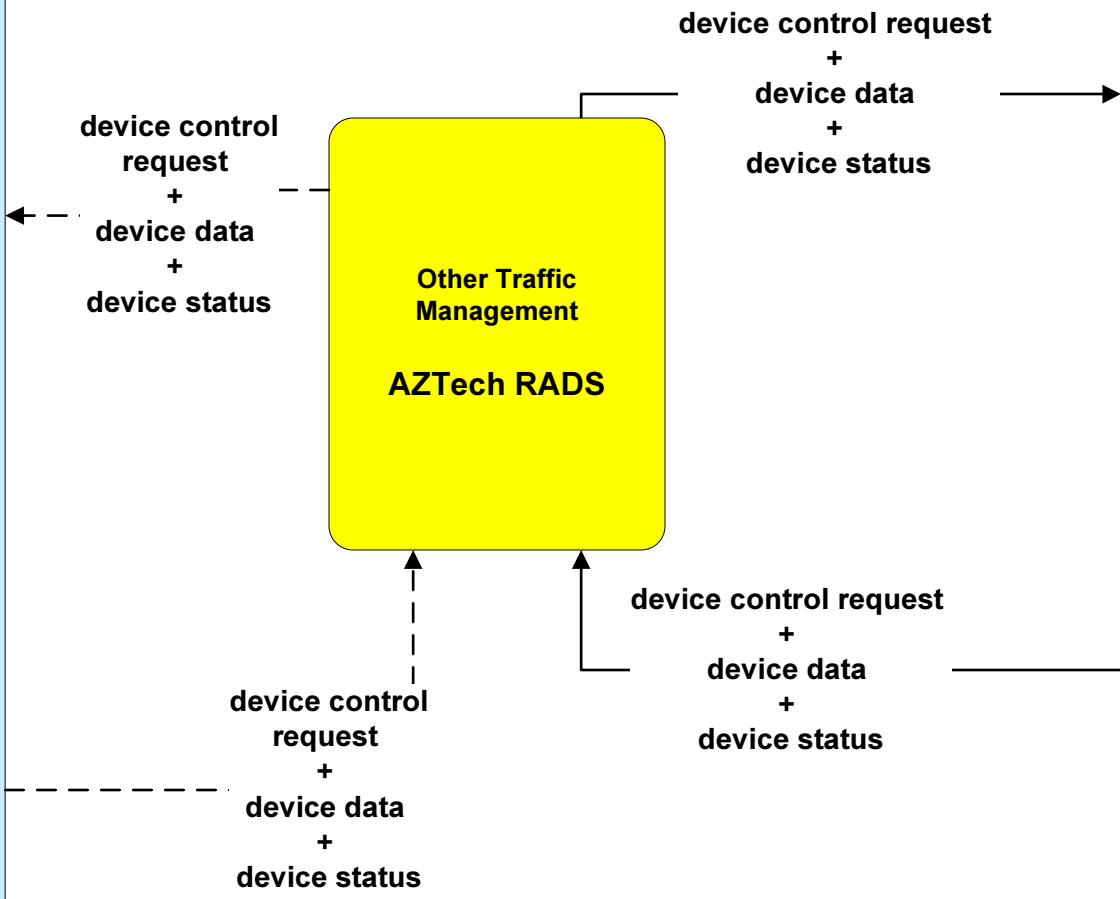
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

- 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

Other Traffic Management

AZTech RADS

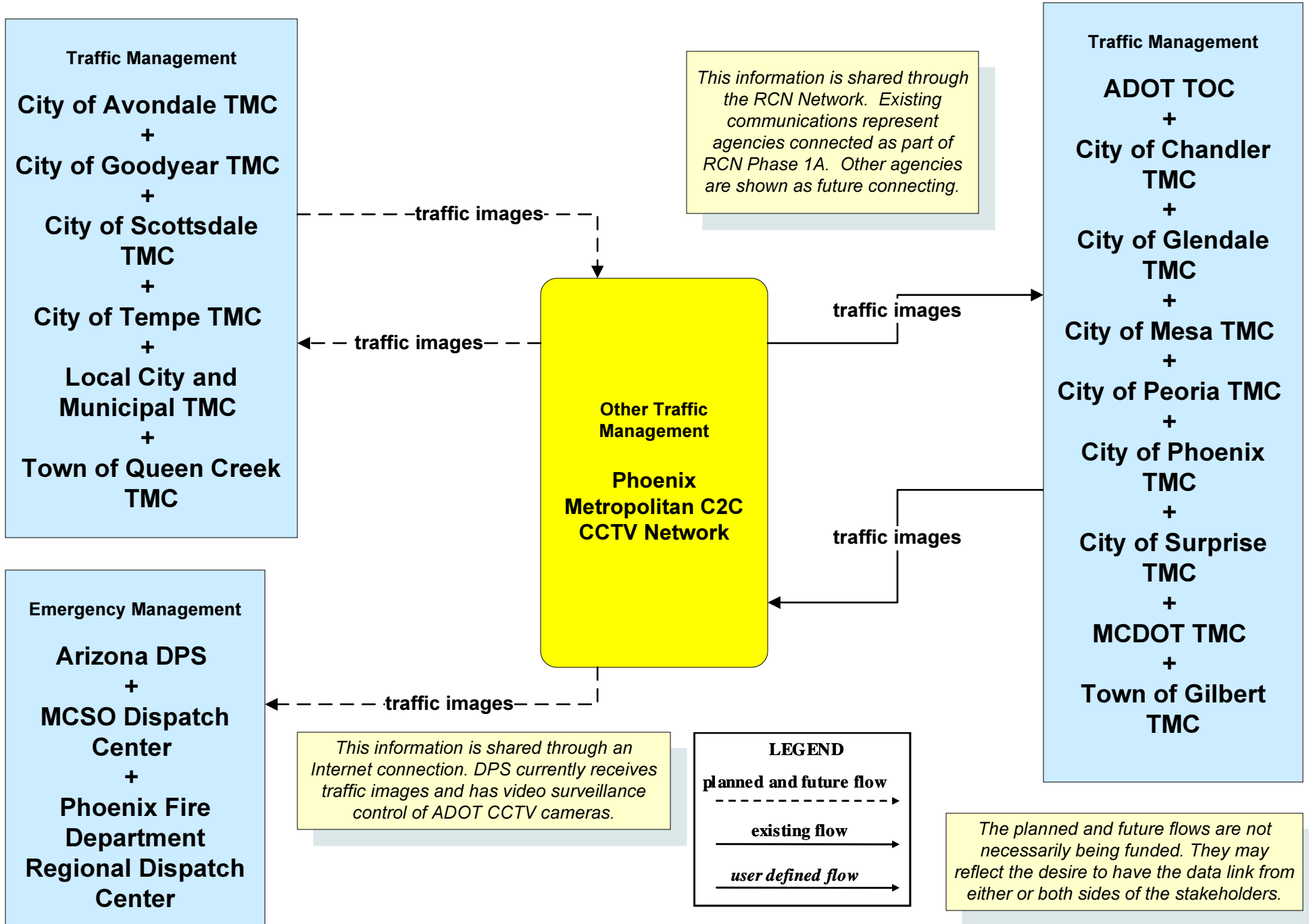
- Traffic Management**
- ADOT TOC
 - +
 - City of Peoria TMC
 - +
 - City of Surprise TMC
 - +
 - MCDOT TMC



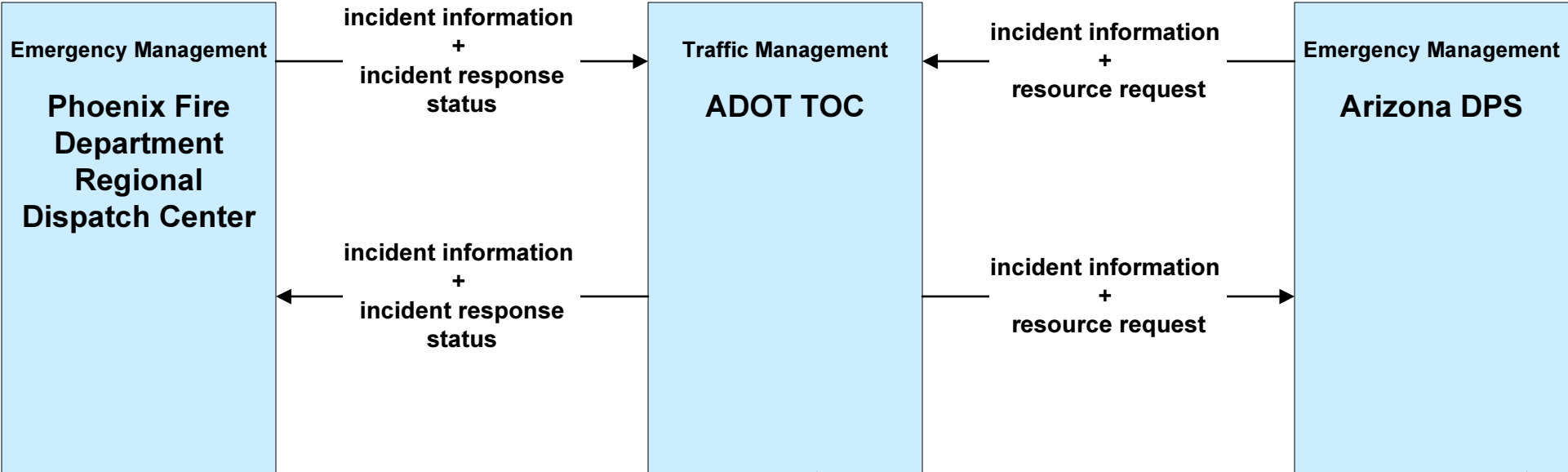
LEGEND

- planned and future flow →
- existing flow →
- user defined flow →

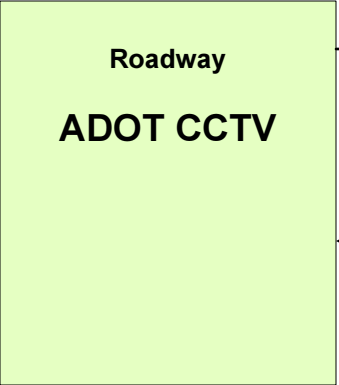
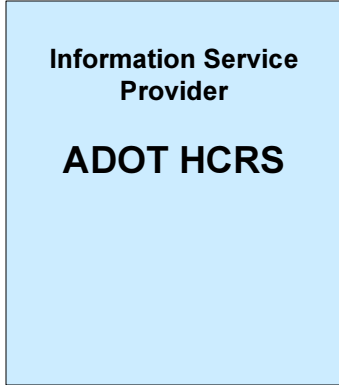
ATMS07 - Regional Traffic Management Phoenix Metropolitan C2C CCTV Network



**ATMS08 – Traffic Incident Management System
Arizona DOT (TM to EM)**



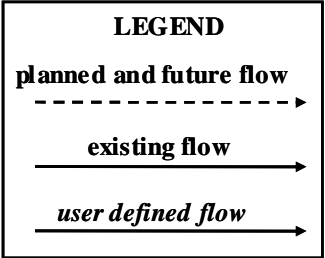
Note: the incident management interface between ADOT TOC and Phoenix Fire Department Regional Dispatch Center runs through the AZTech RADS.



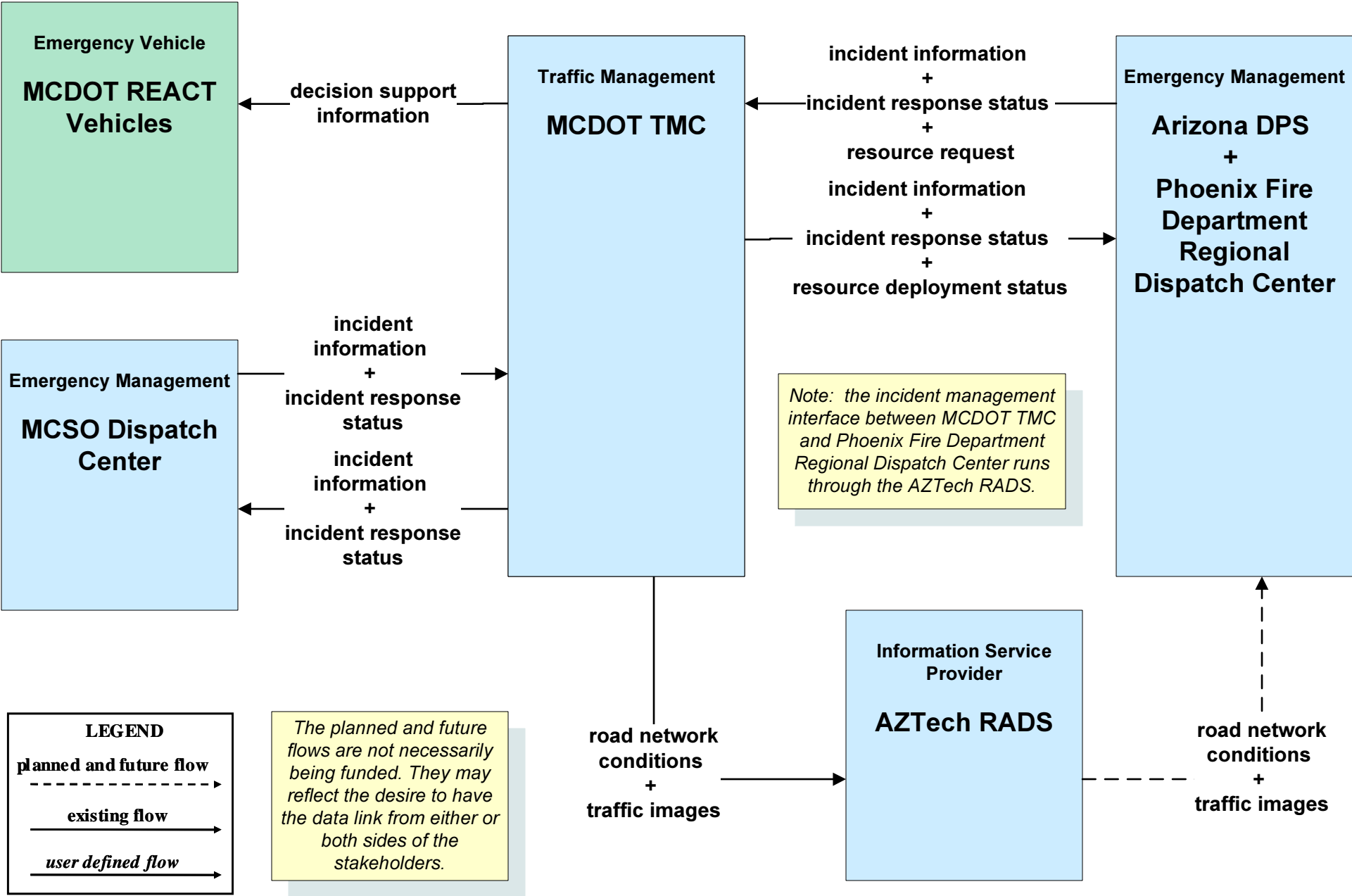
incident information + road network conditions

traffic images

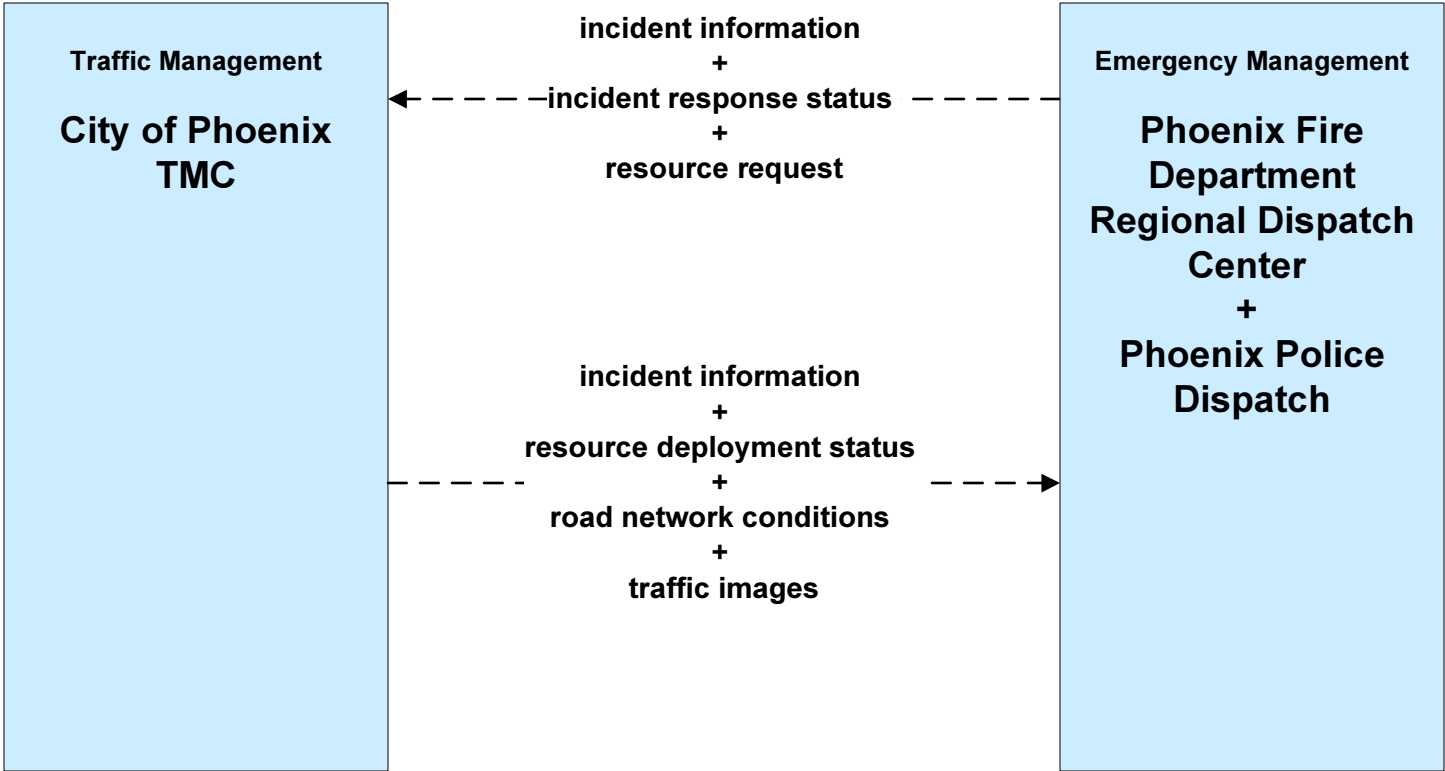
video surveillance control



ATMS08 - Traffic Incident Management System Maricopa County (TM to EM)



**ATMS08 - Traffic Incident Management System
City of Phoenix (TM to EM)**

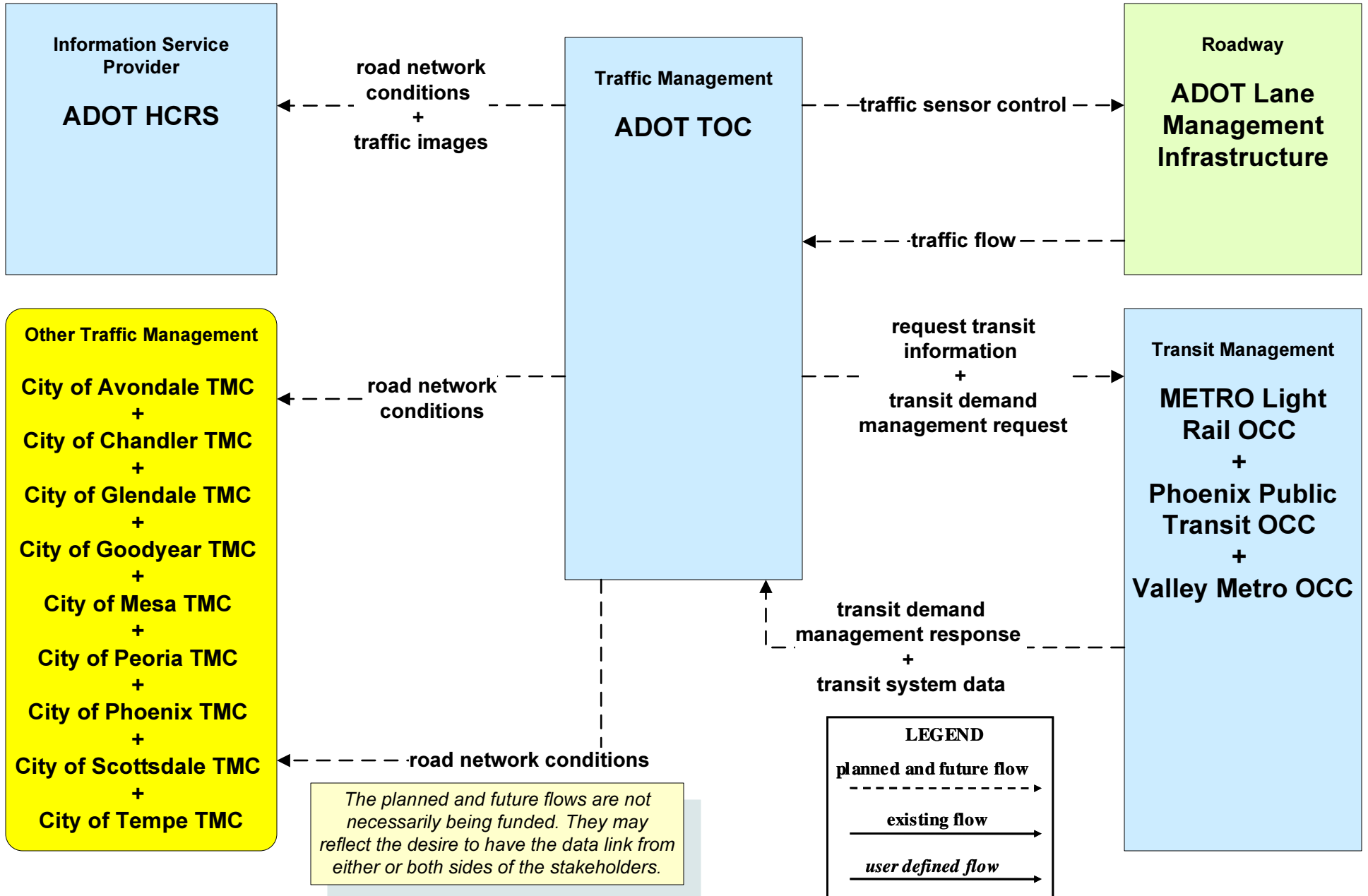


LEGEND

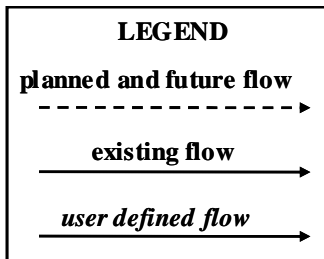
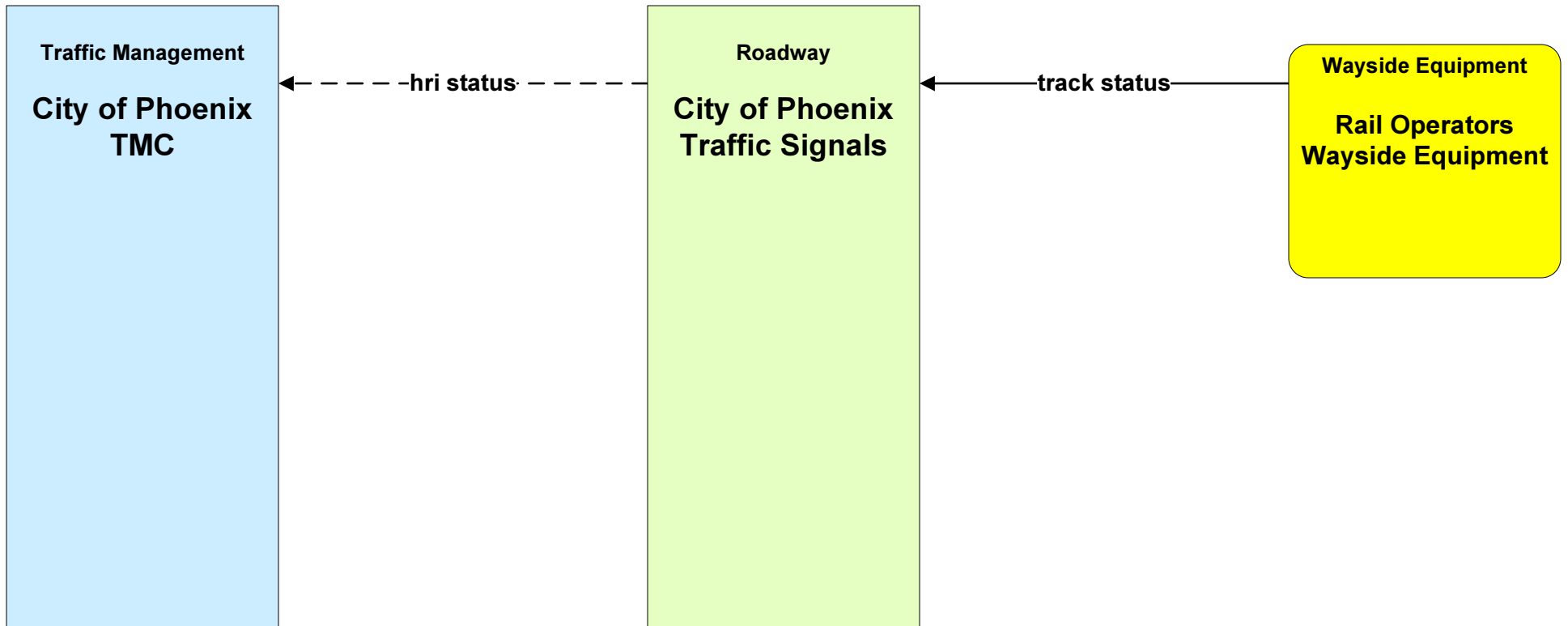
- planned and future flow** (indicated by a dashed arrow)
- existing flow** (indicated by a solid arrow)
- user defined flow** (indicated by a solid arrow)

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.

ATMS09 – Transportation Decision Support and Demand Management ADOT ICM/ATM

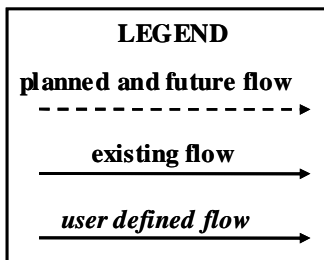
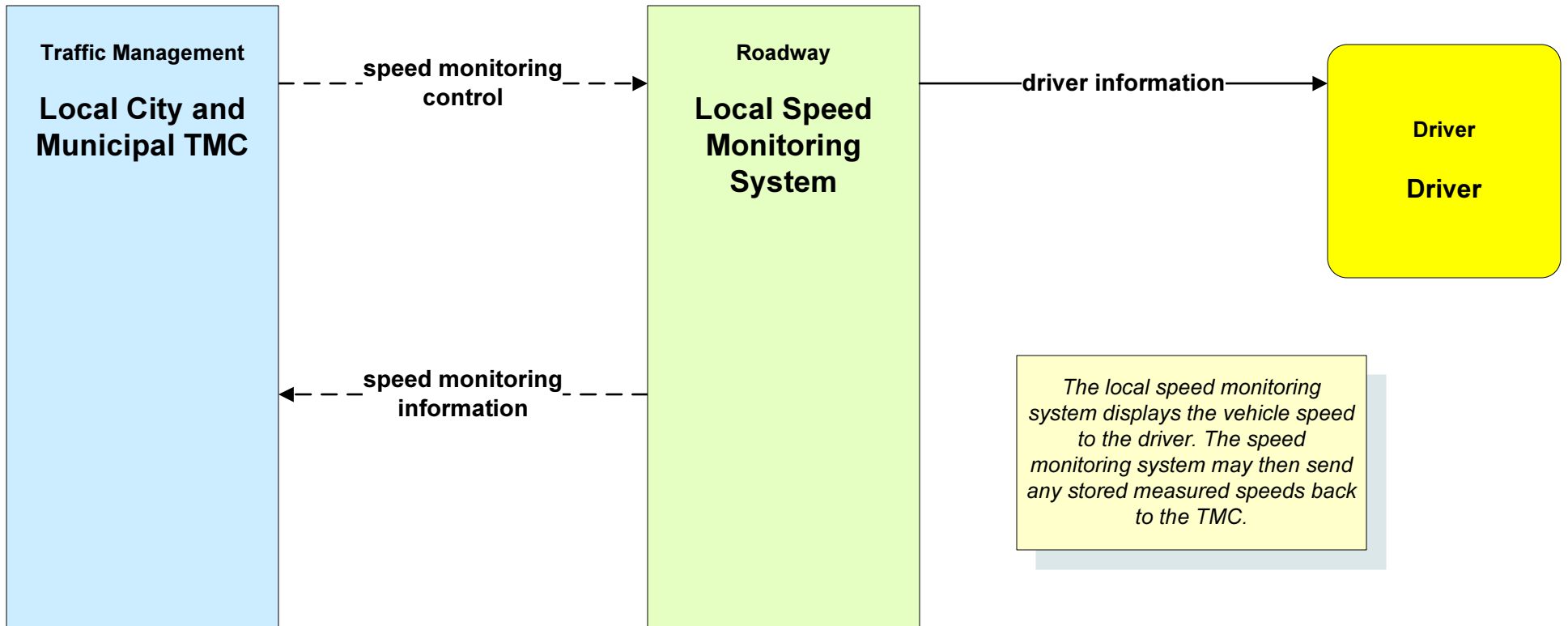


ATMS13 - Standard Railroad Grade Crossing City of Phoenix



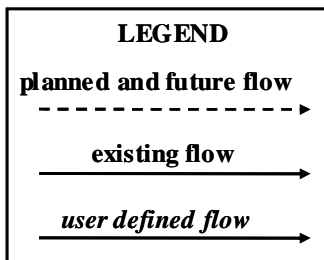
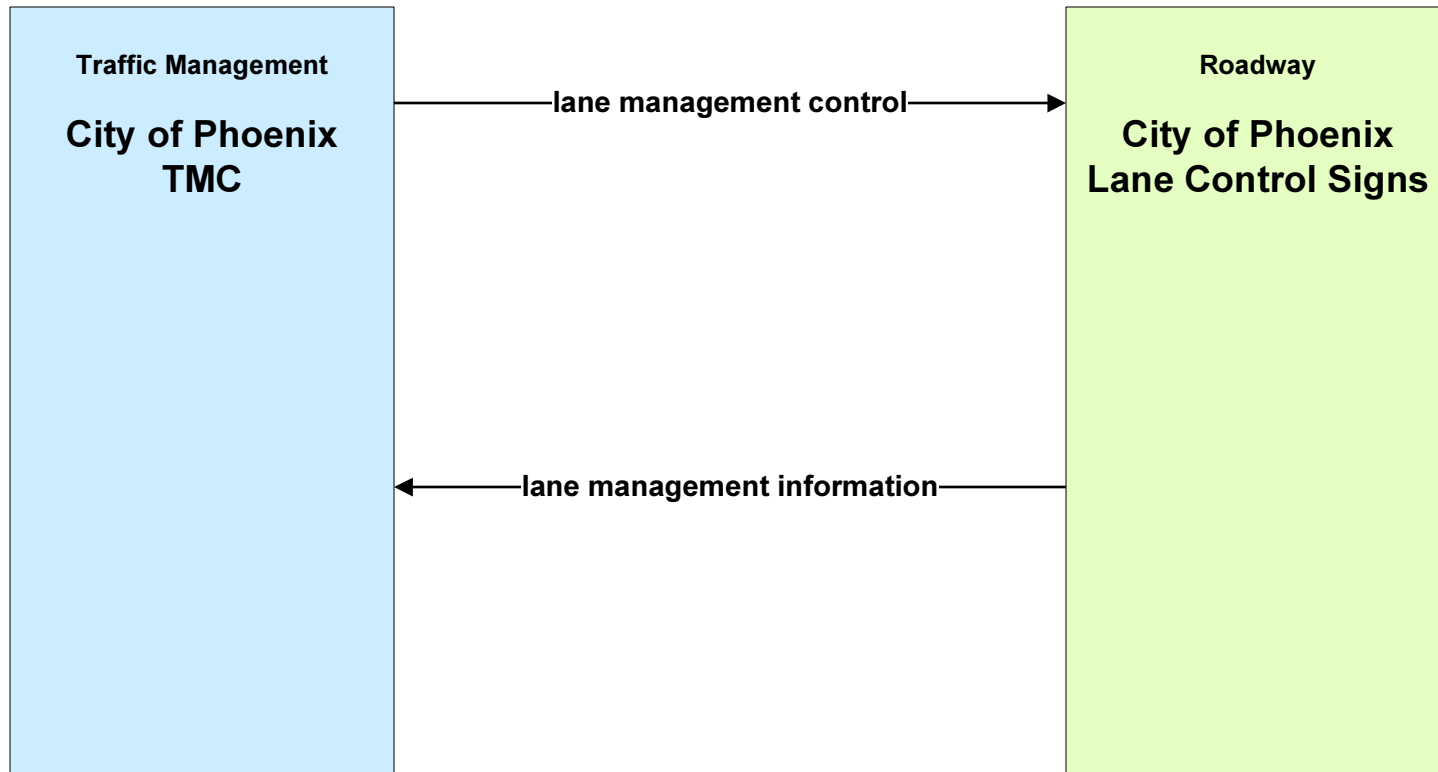
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

ATMS19 - Speed Warning and Enforcement Local Cities and Municipalities



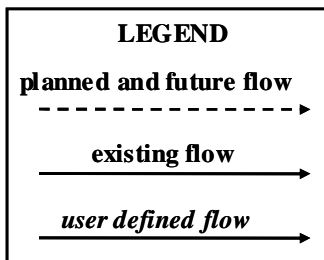
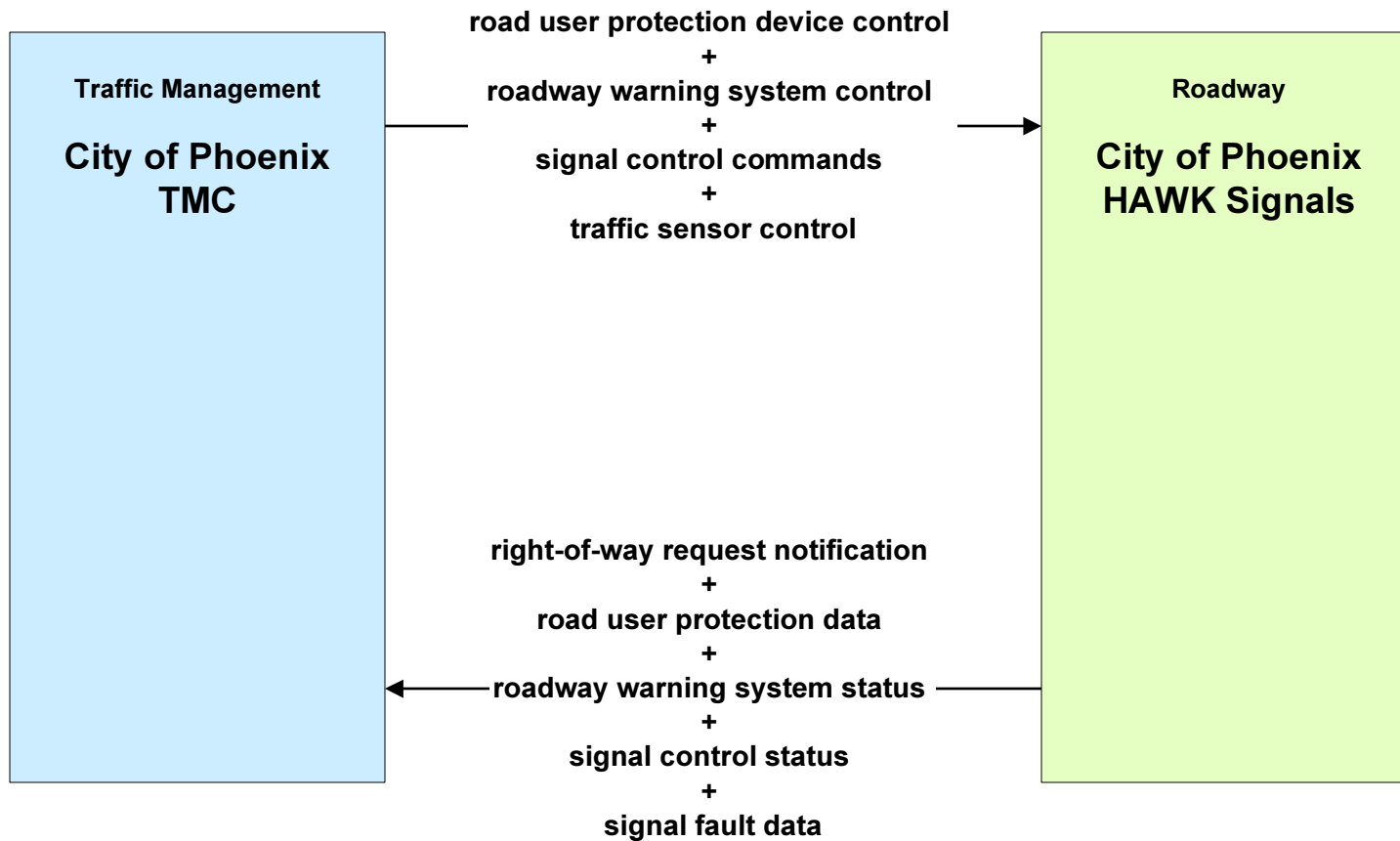
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

ATMS23 – Dynamic Lane Management and Shoulder Use City of Phoenix



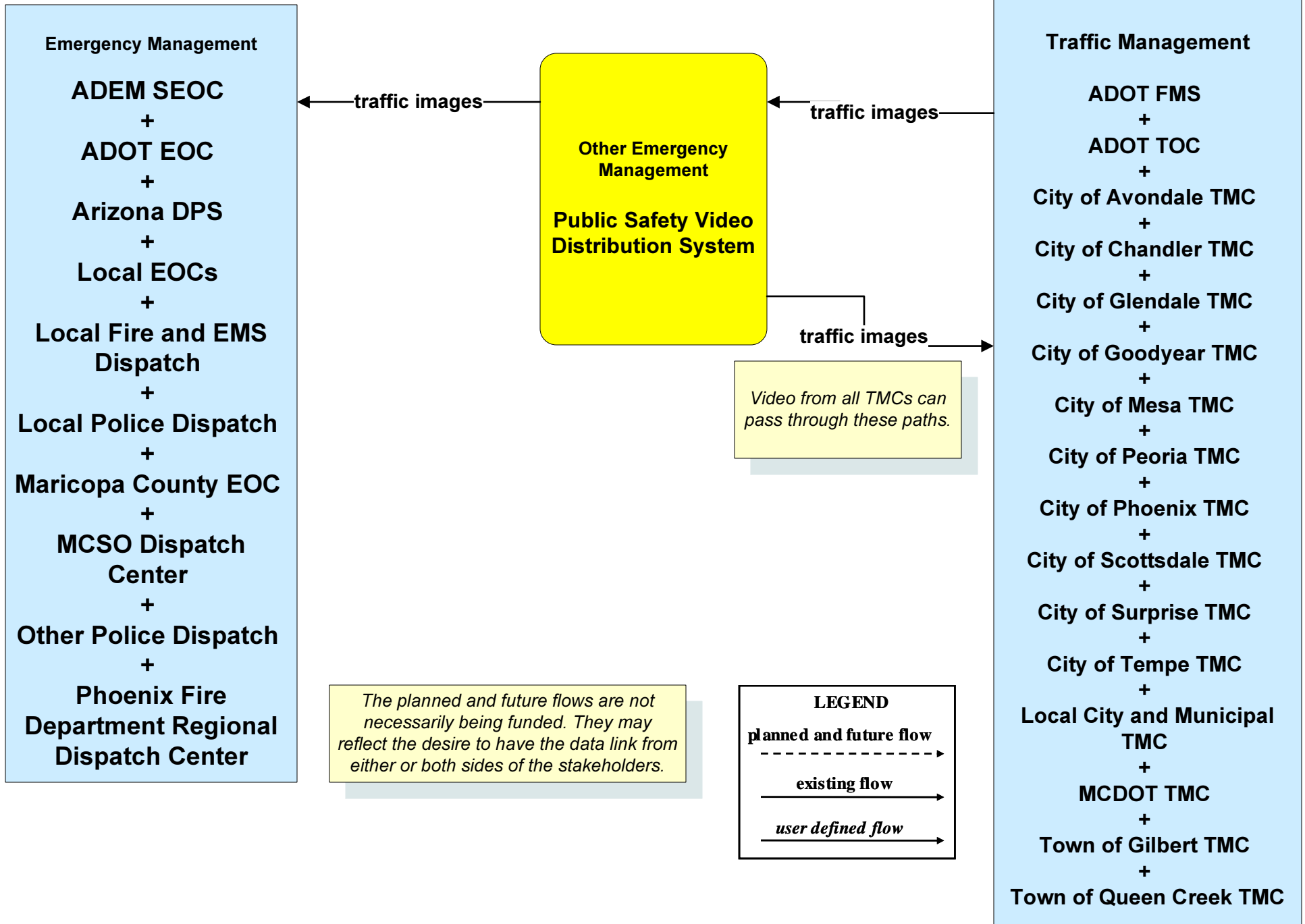
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

ATMS26 – Mixed Use Warning Systems City of Phoenix

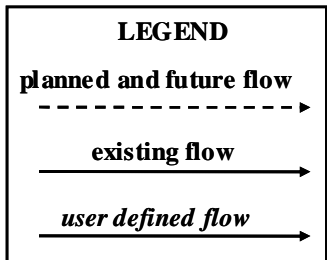
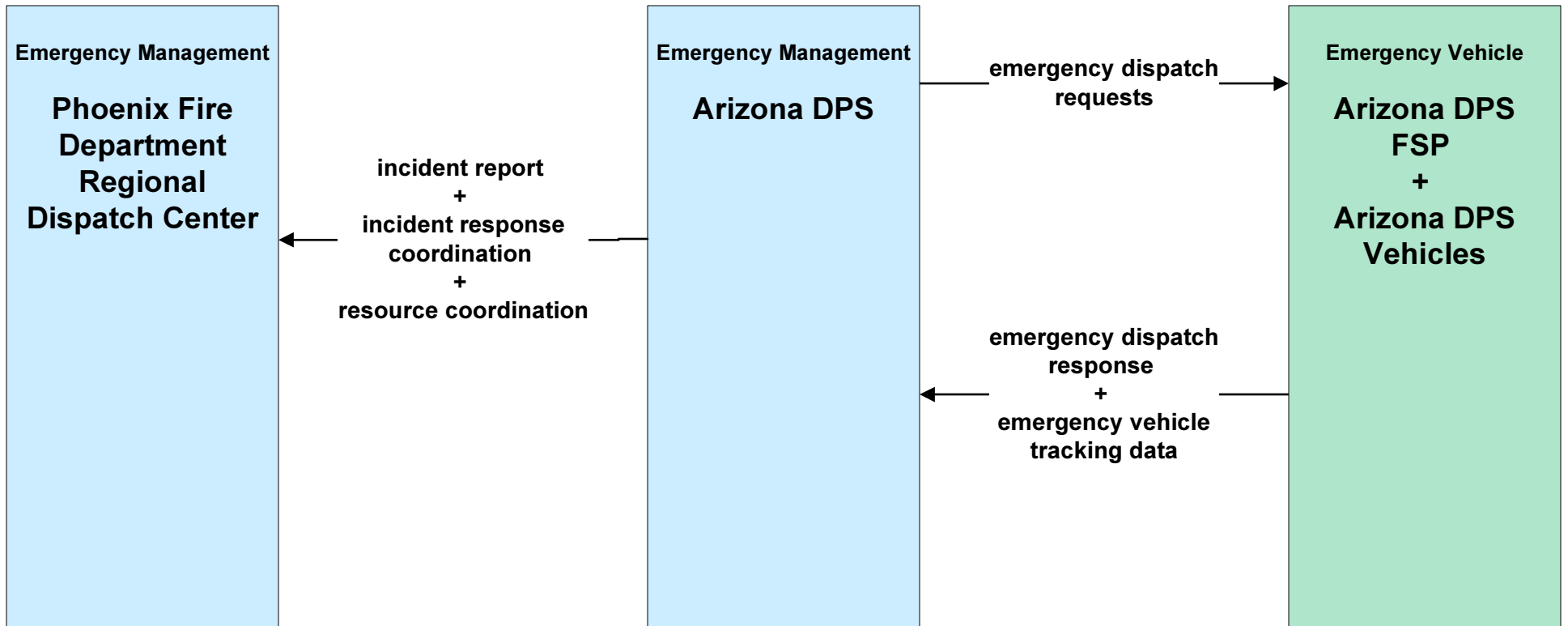


The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

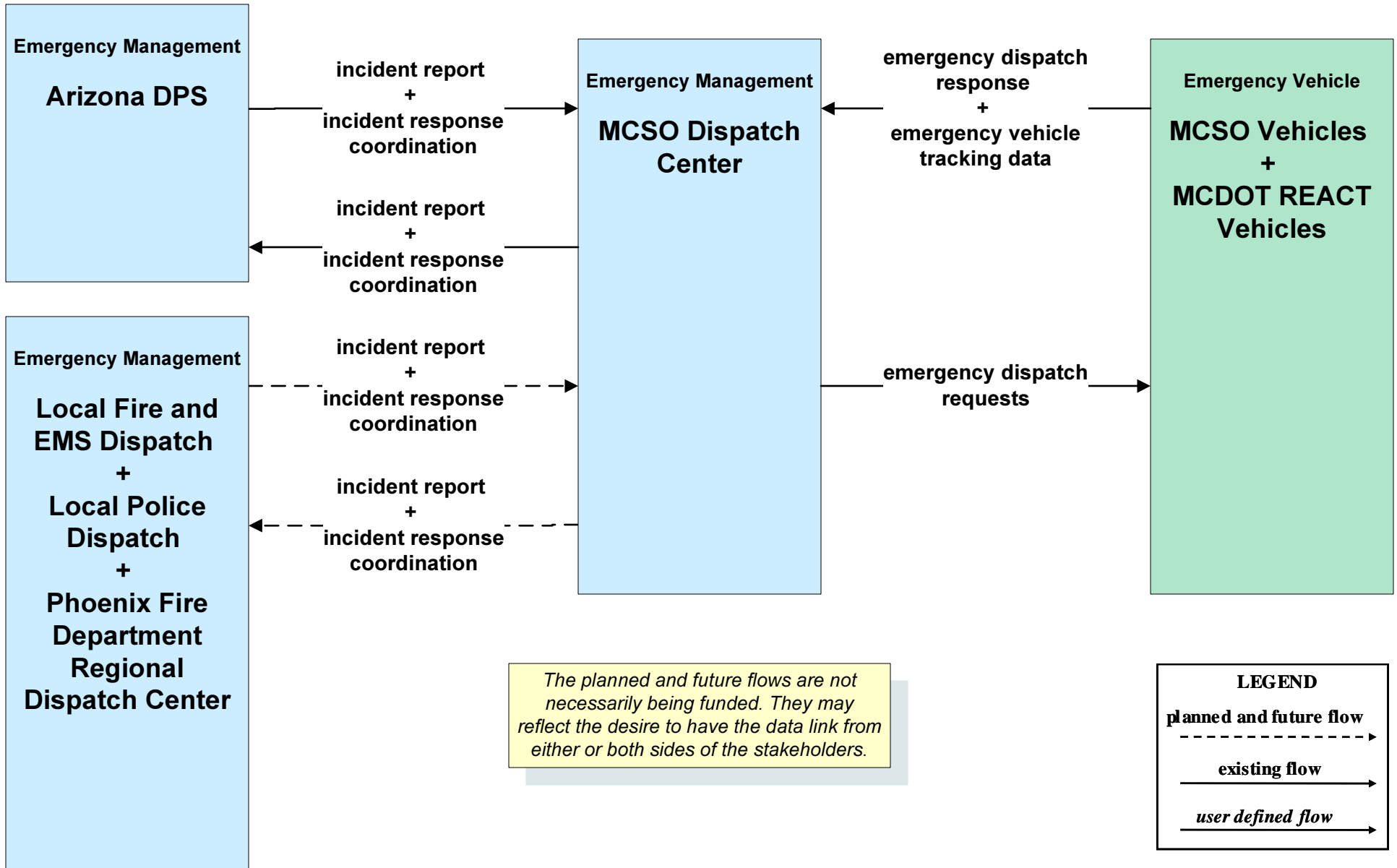
EM01 - Emergency Call-Taking and Dispatch Public Safety Video Distribution System



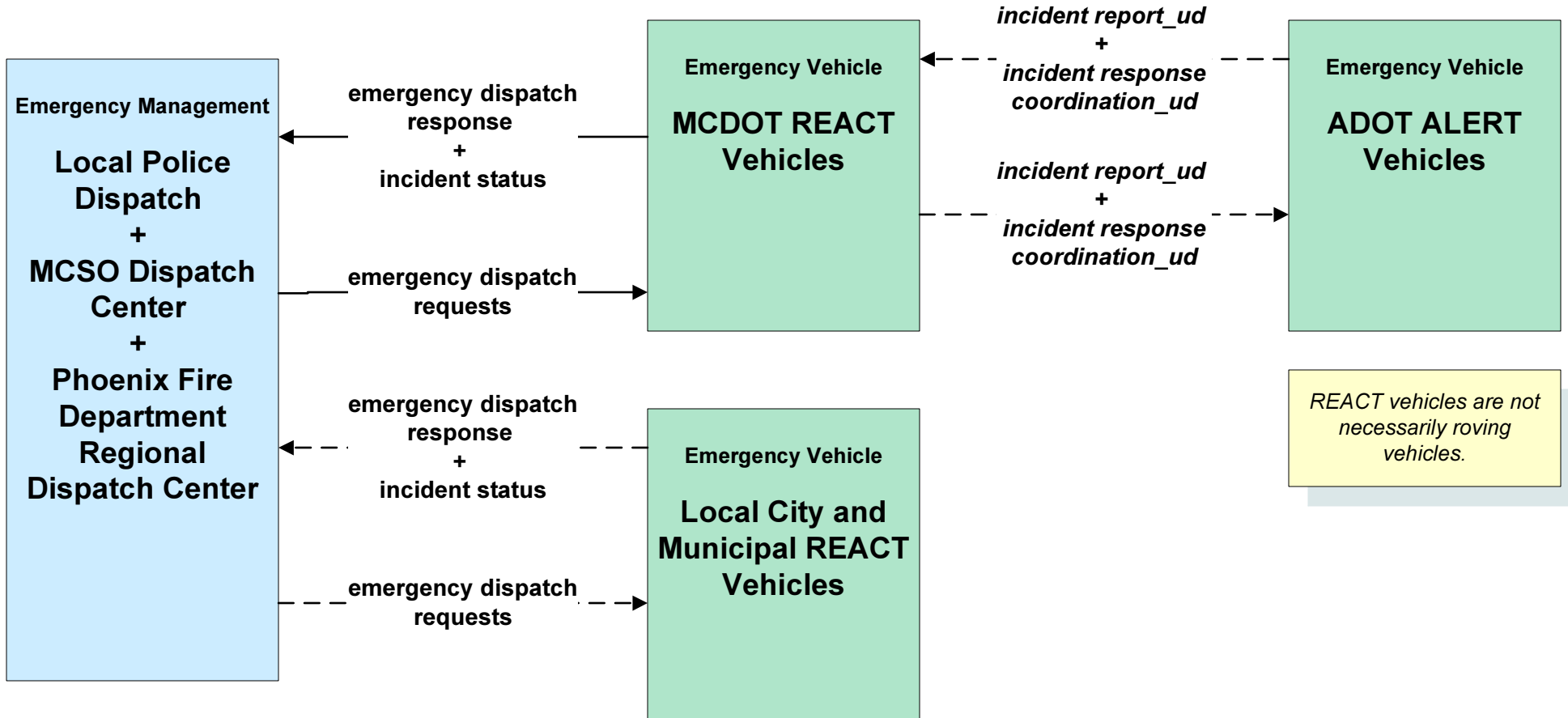
**EM01 - Emergency Call-Taking and Dispatch
Arizona DPS**



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



EM01 - Call-Taking and Dispatch REACT Vehicles



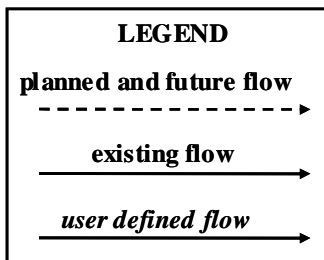
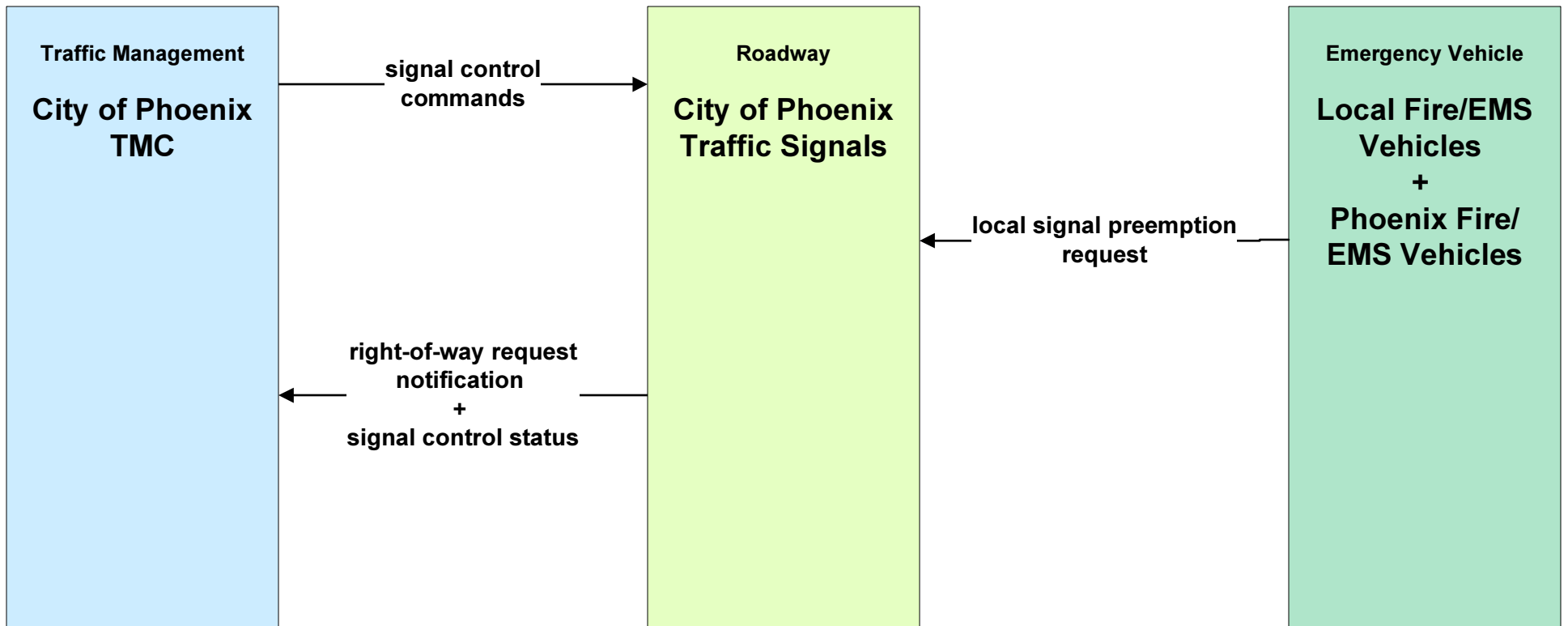
REACT vehicles are not necessarily roving vehicles.

LEGEND

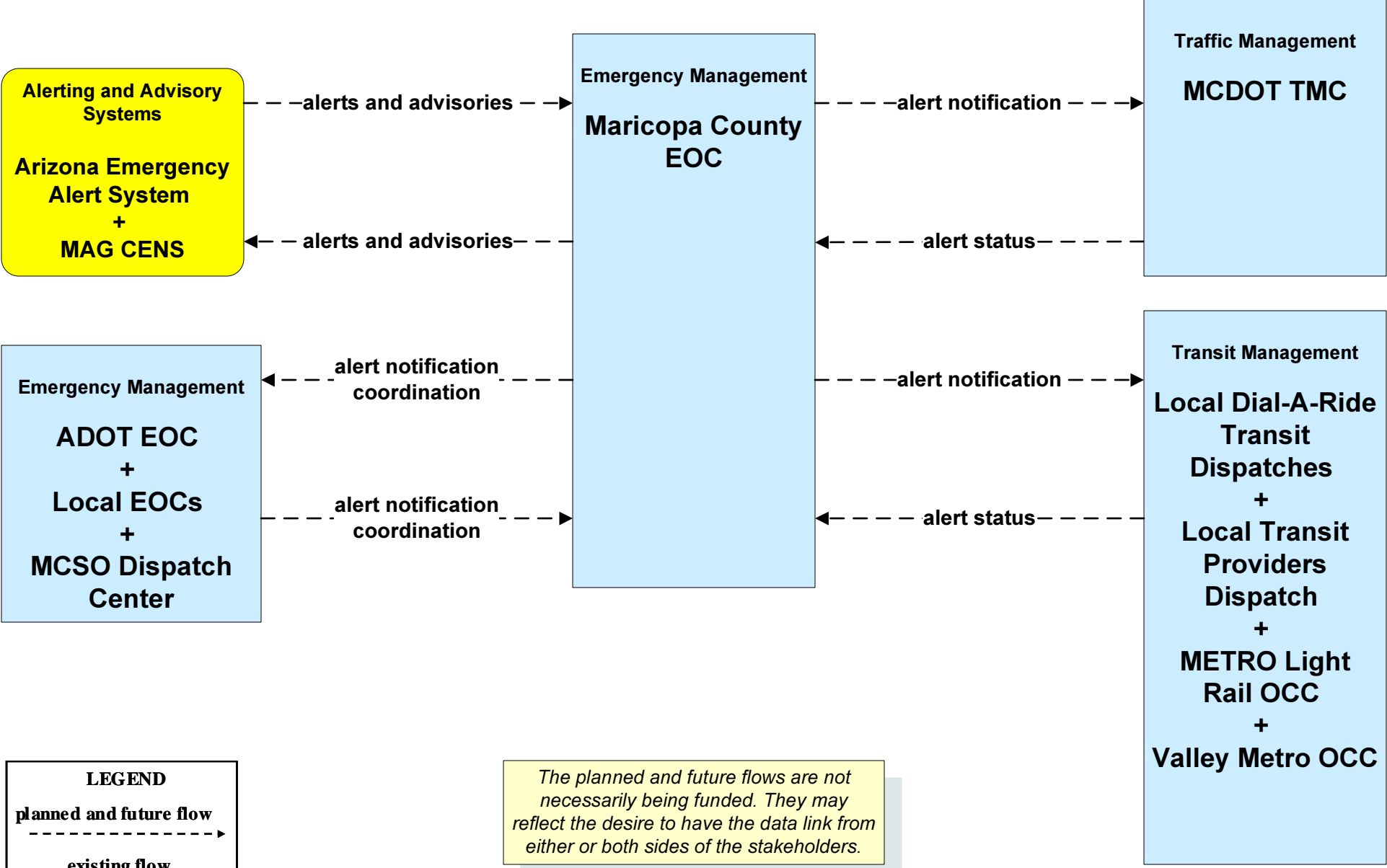
- planned and future flow*
----->
- existing flow*
—————>
- user defined flow*
—————>

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.

EM02 - Emergency Routing City of Phoenix



**EM06 - Wide-Area Alert
Maricopa County**



LEGEND

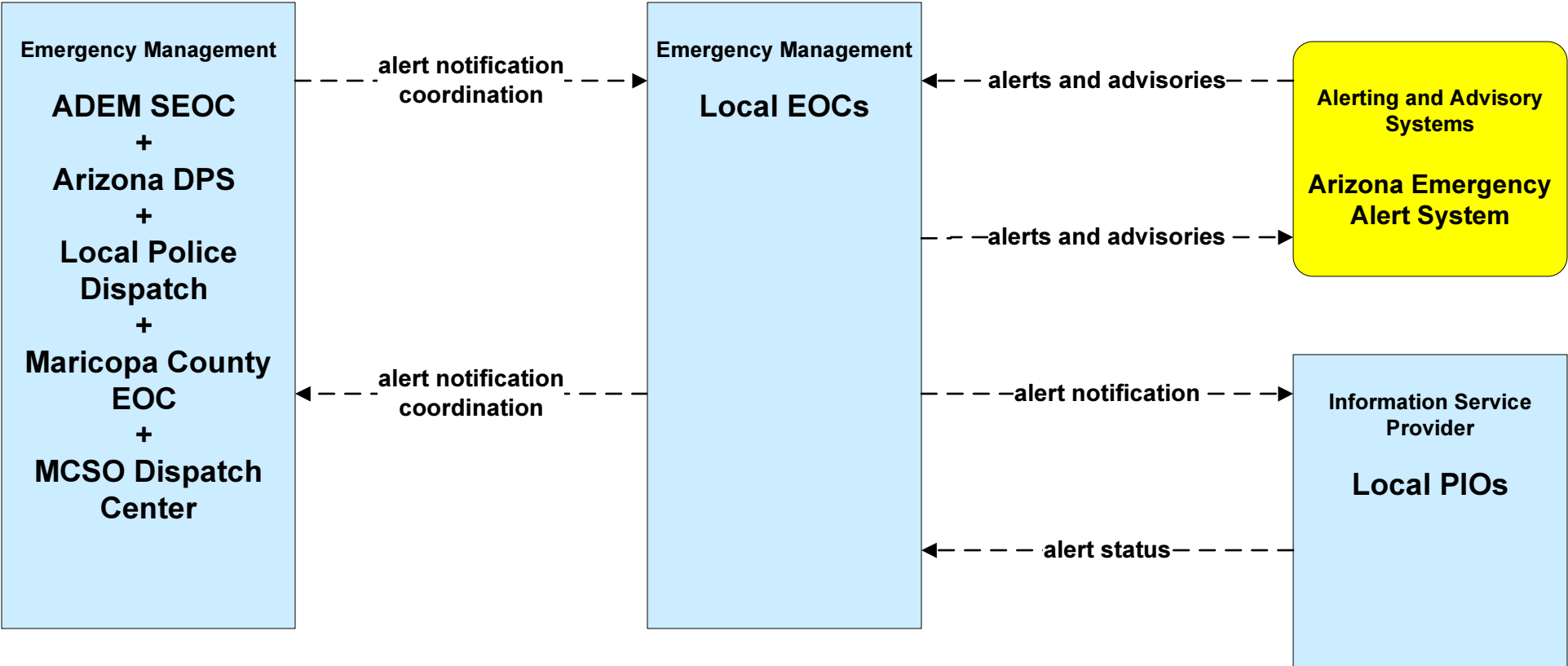
planned and future flow
----->

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.

**EM06 - Wide-Area Alert
Local EOCs (1 of 2)**



LEGEND

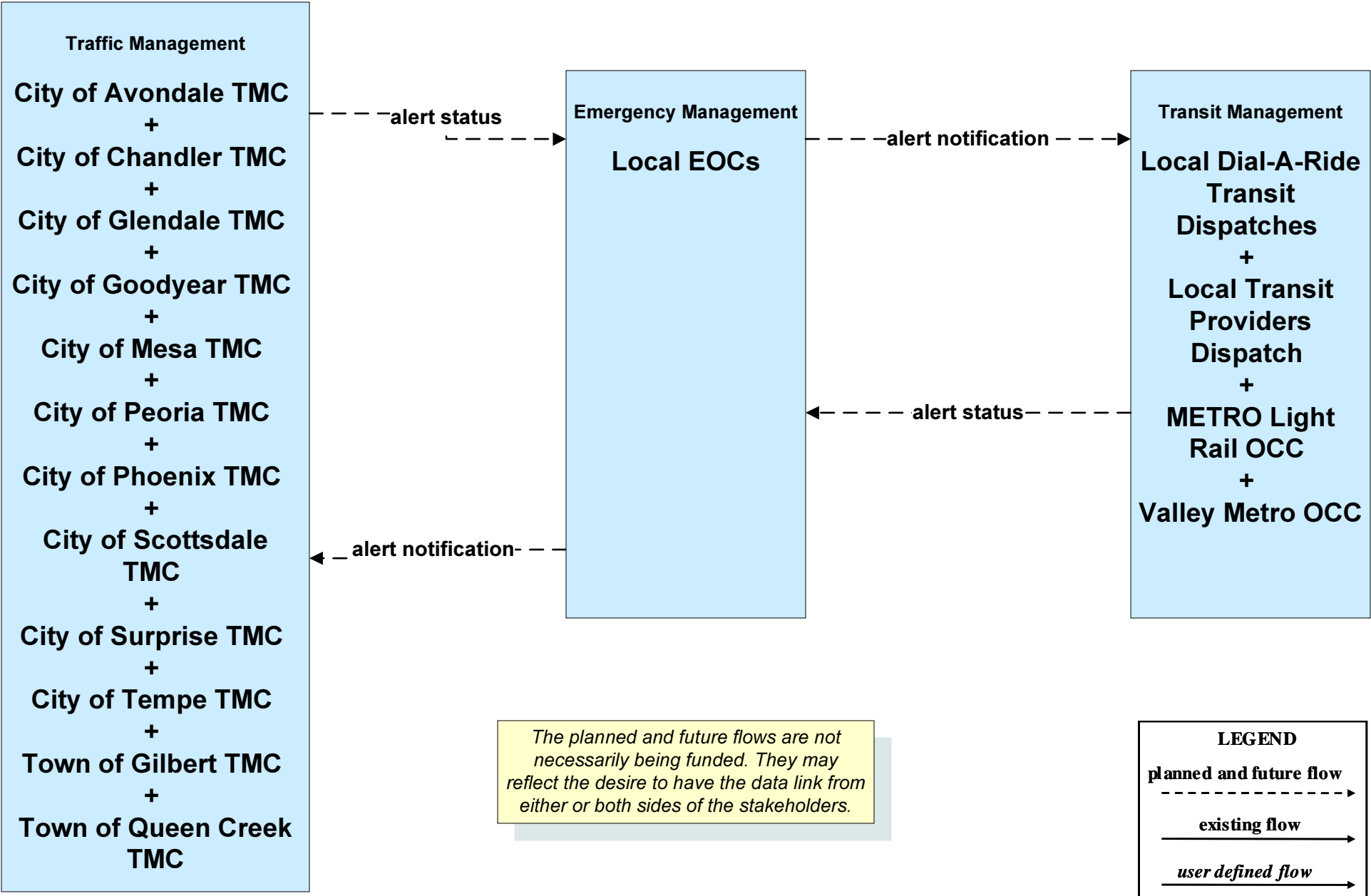
planned and future flow
----->

existing flow
—————>

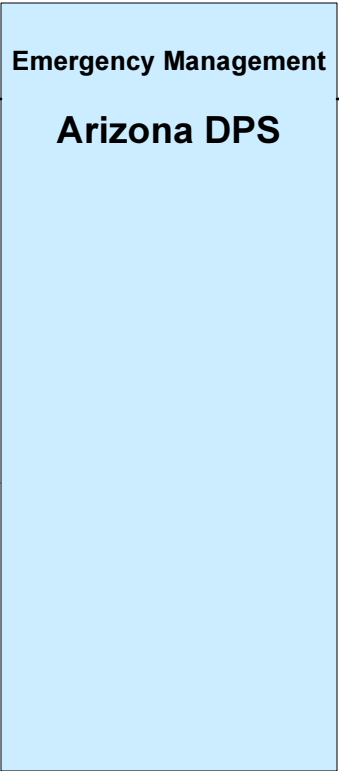
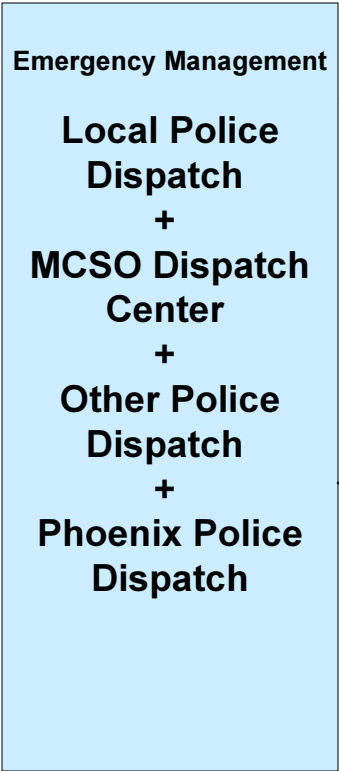
user defined flow
—————>

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.

**EM06 - Wide-Area Alert
Local EOCs (2 of 2)**



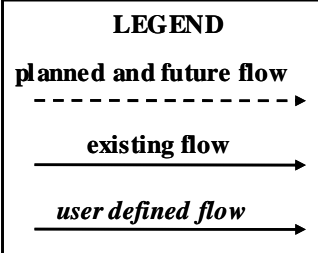
**EM06 - Wide-Area Alert
Amber Alerts**



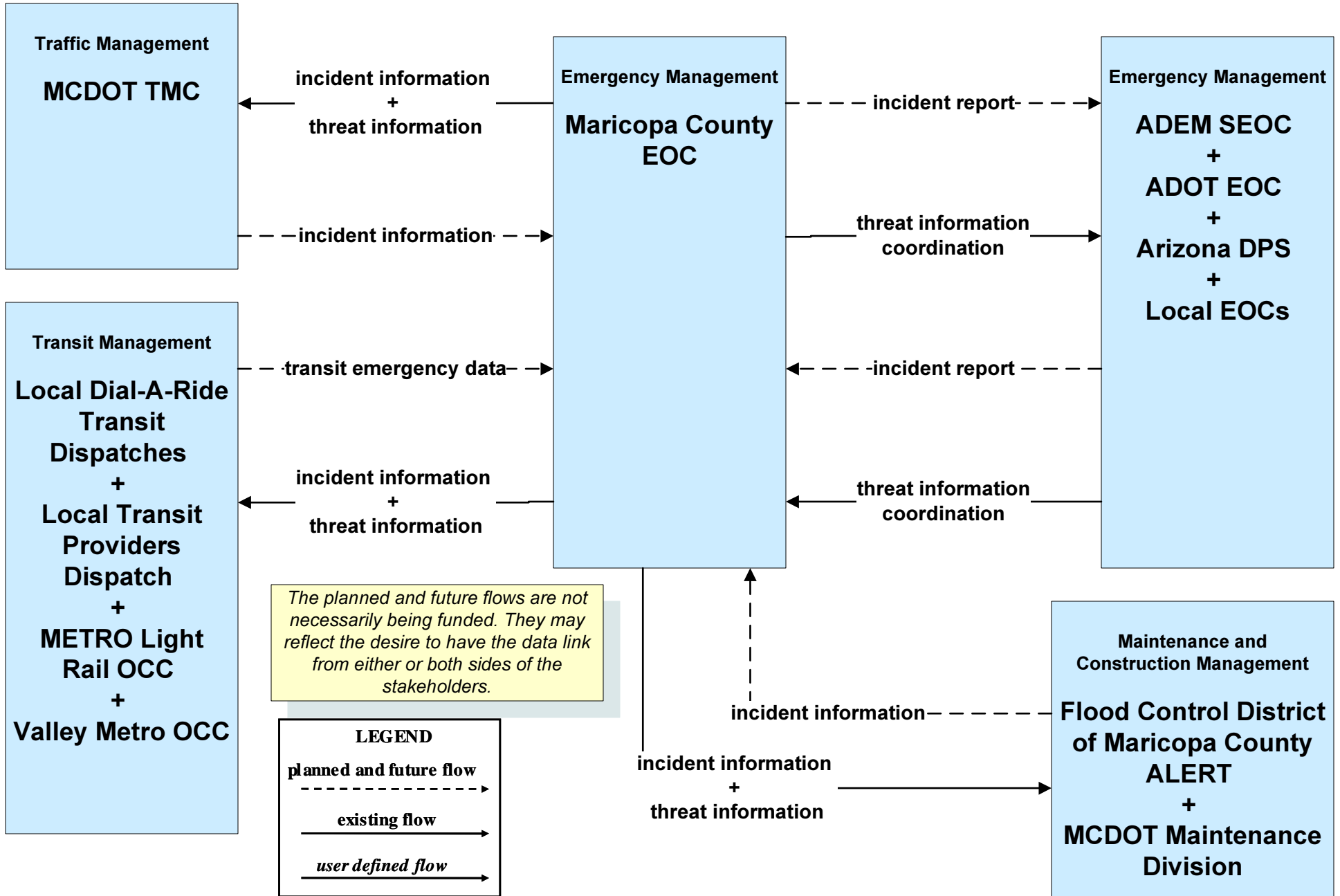
← amber alerts_ud

→ amber alerts_ud

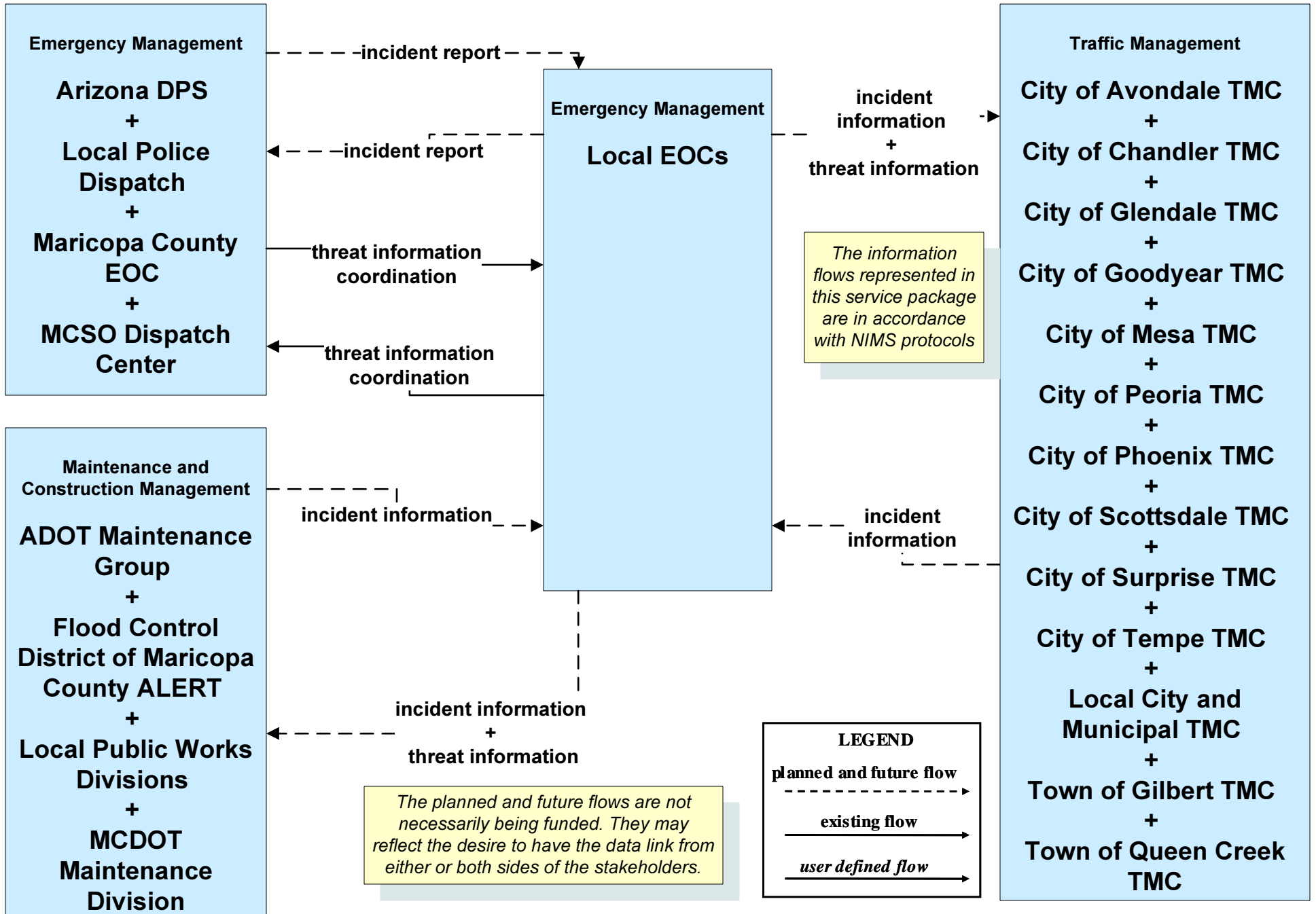
→ amber alert confirmation_ud



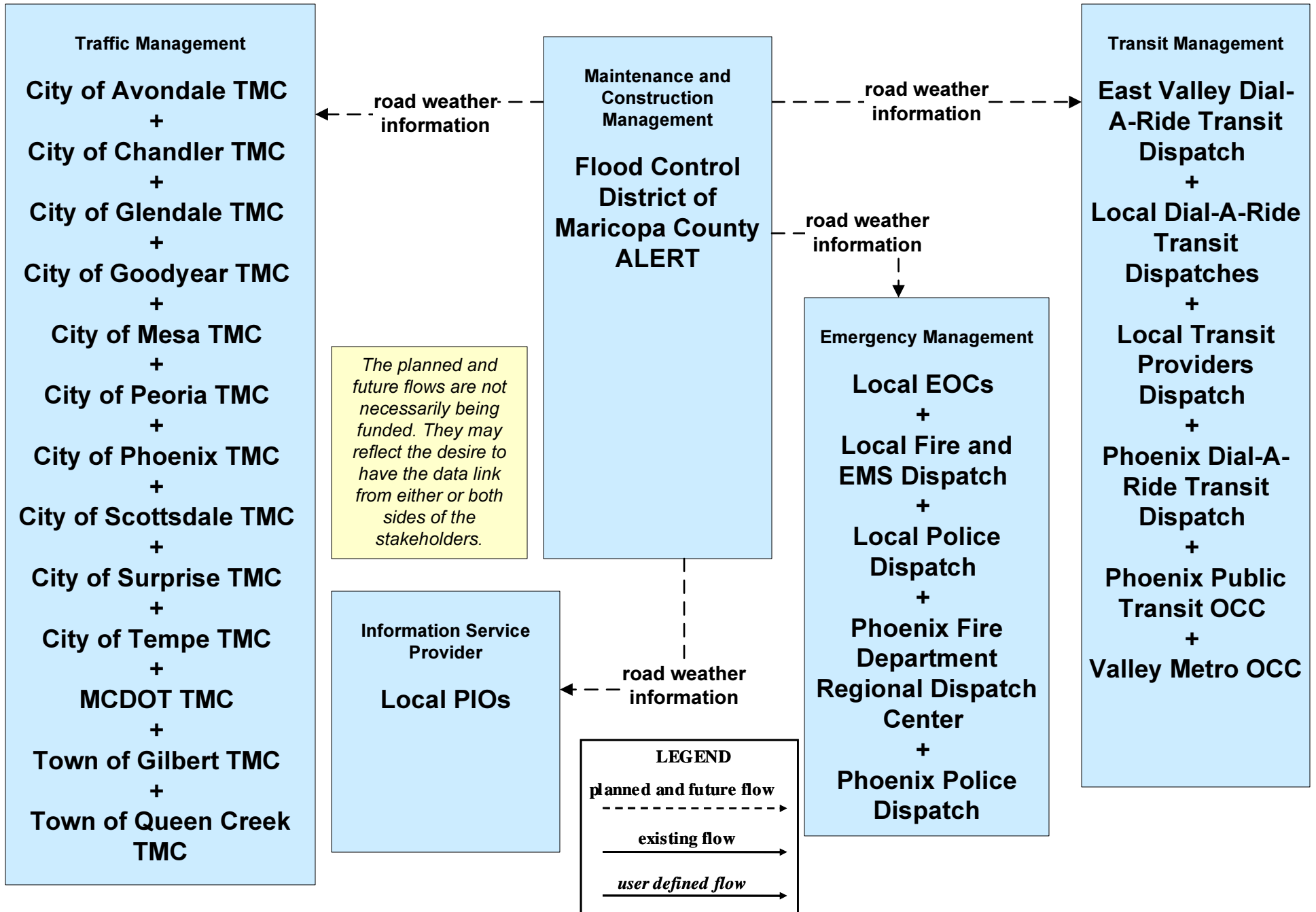
EM07 - Early Warning System Maricopa County EOC



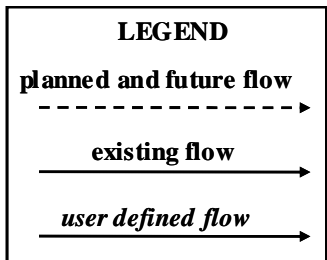
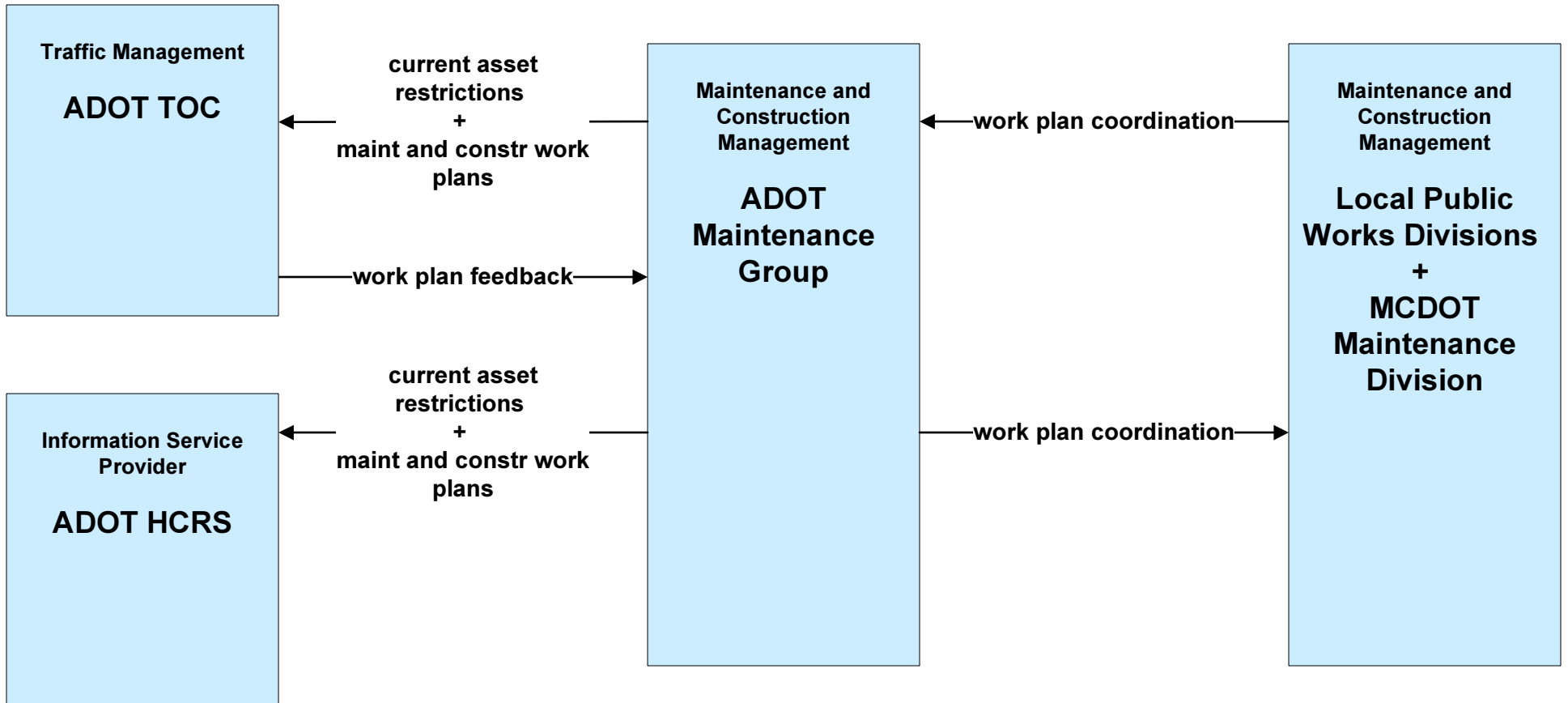
EM07 - Early Warning System Local EOCs



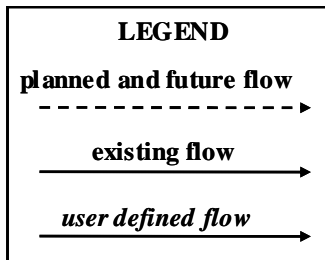
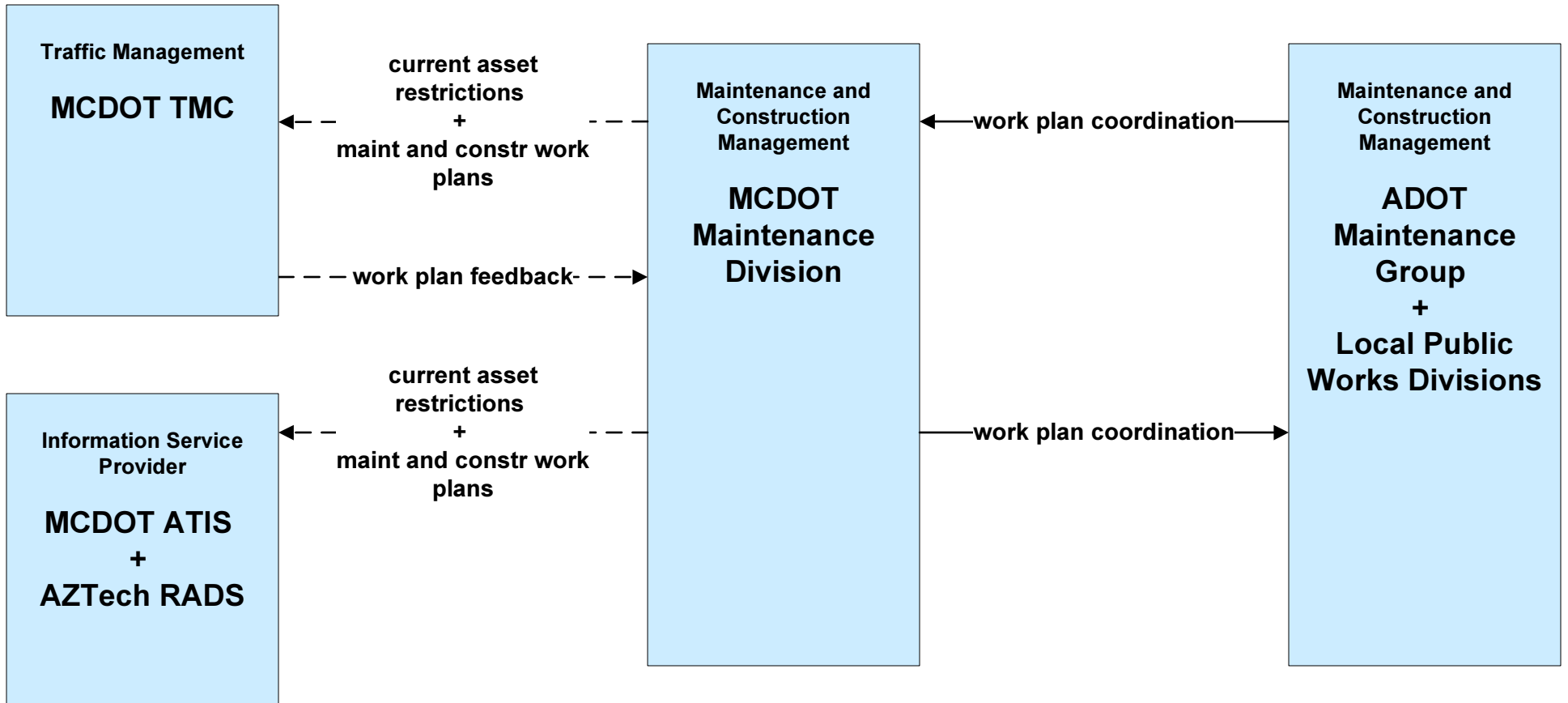
**MC04 - Weather Information Processing and Distribution
Flood Control District of Maricopa County – Cities and Municipalities**



**MC10 - Maintenance and Construction Activity Coordination
Arizona DOT**



MC10 - Maintenance and Construction Activity Coordination Maricopa County



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.

**MC10 - Maintenance and Construction Activity Coordination
Local Cities and Municipalities**

