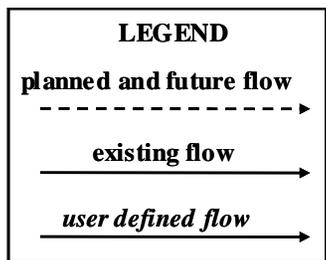
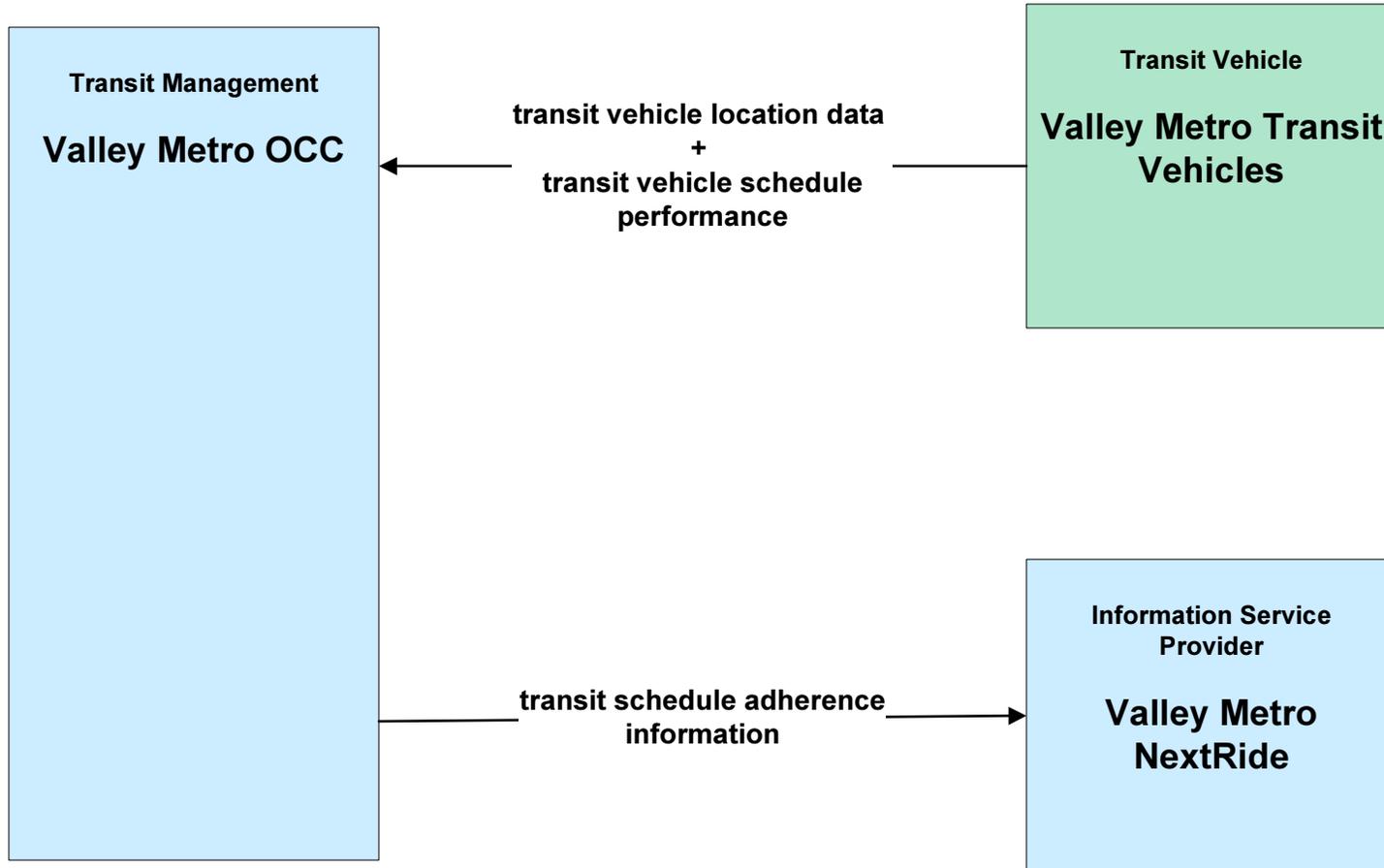


Maricopa Association of Governments (MAG) Regional ITS Architecture

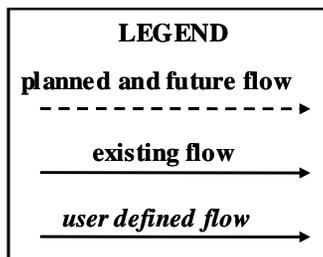
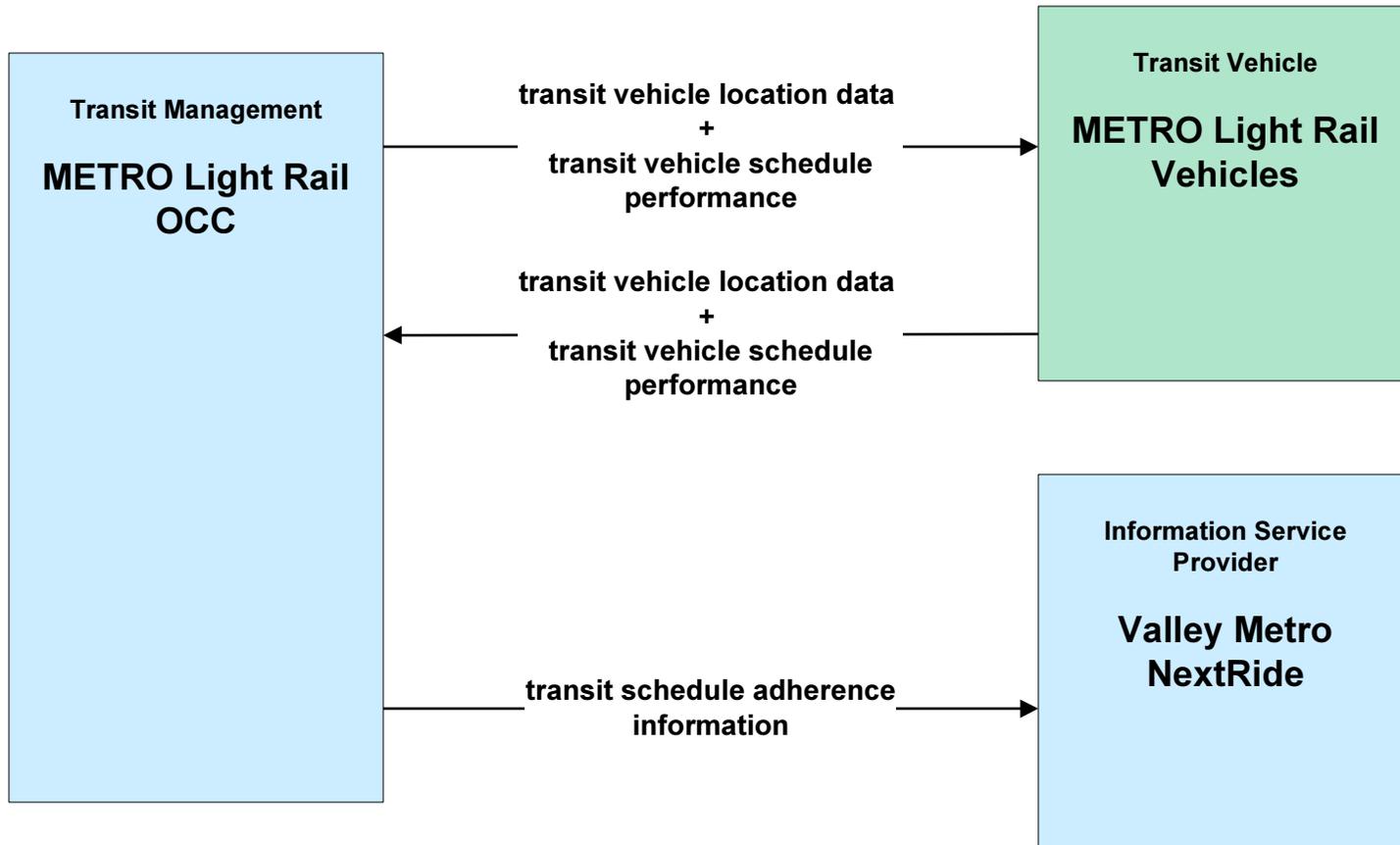
Customized Service Package Diagrams

Advanced Public Transportation Systems (APTS)

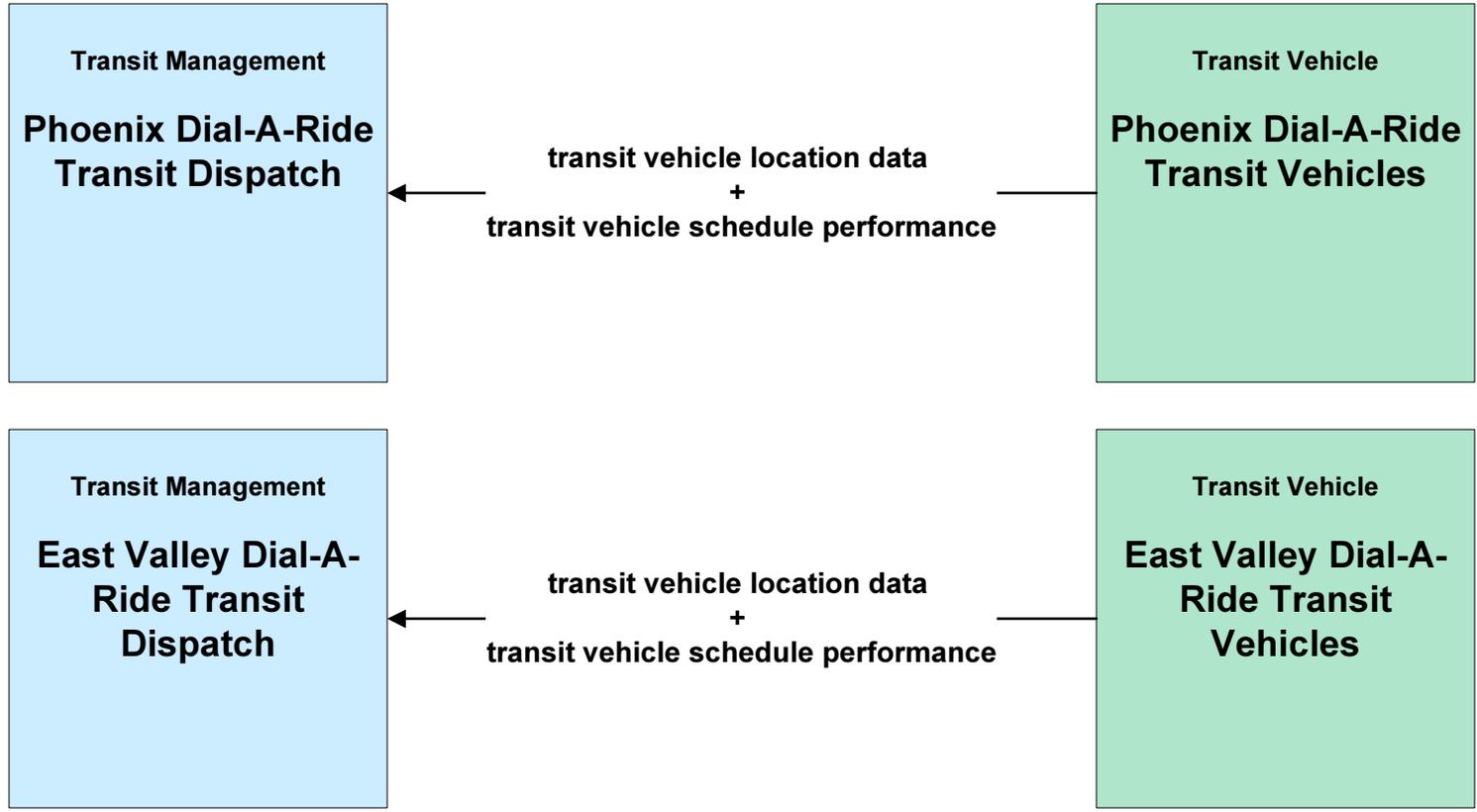
APTS01 - Transit Vehicle Tracking Valley Metro



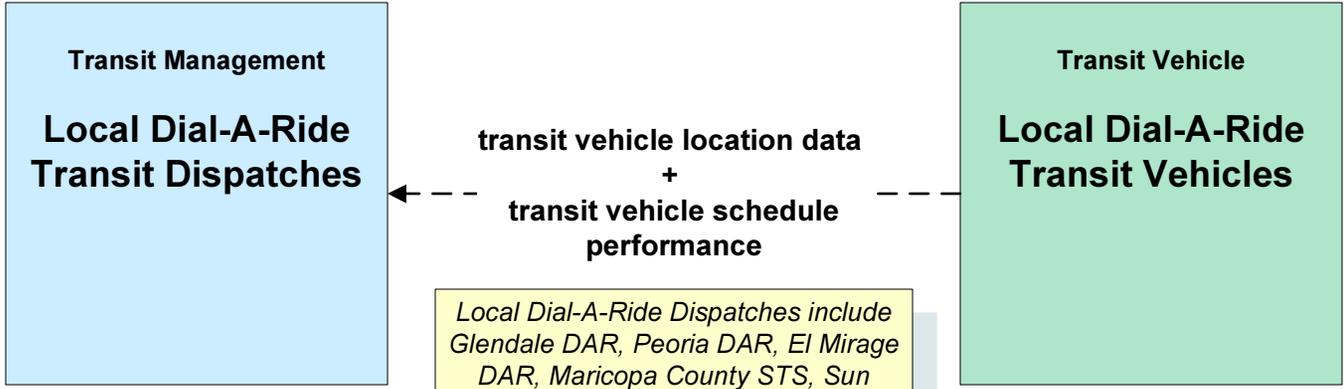
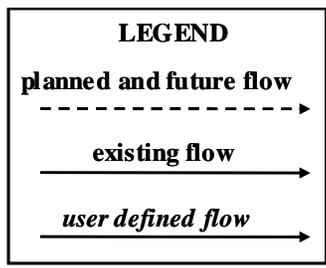
**APTS01 - Transit Vehicle Tracking
METRO Light Rail**



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

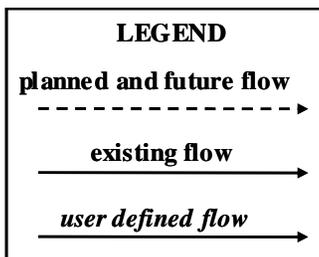
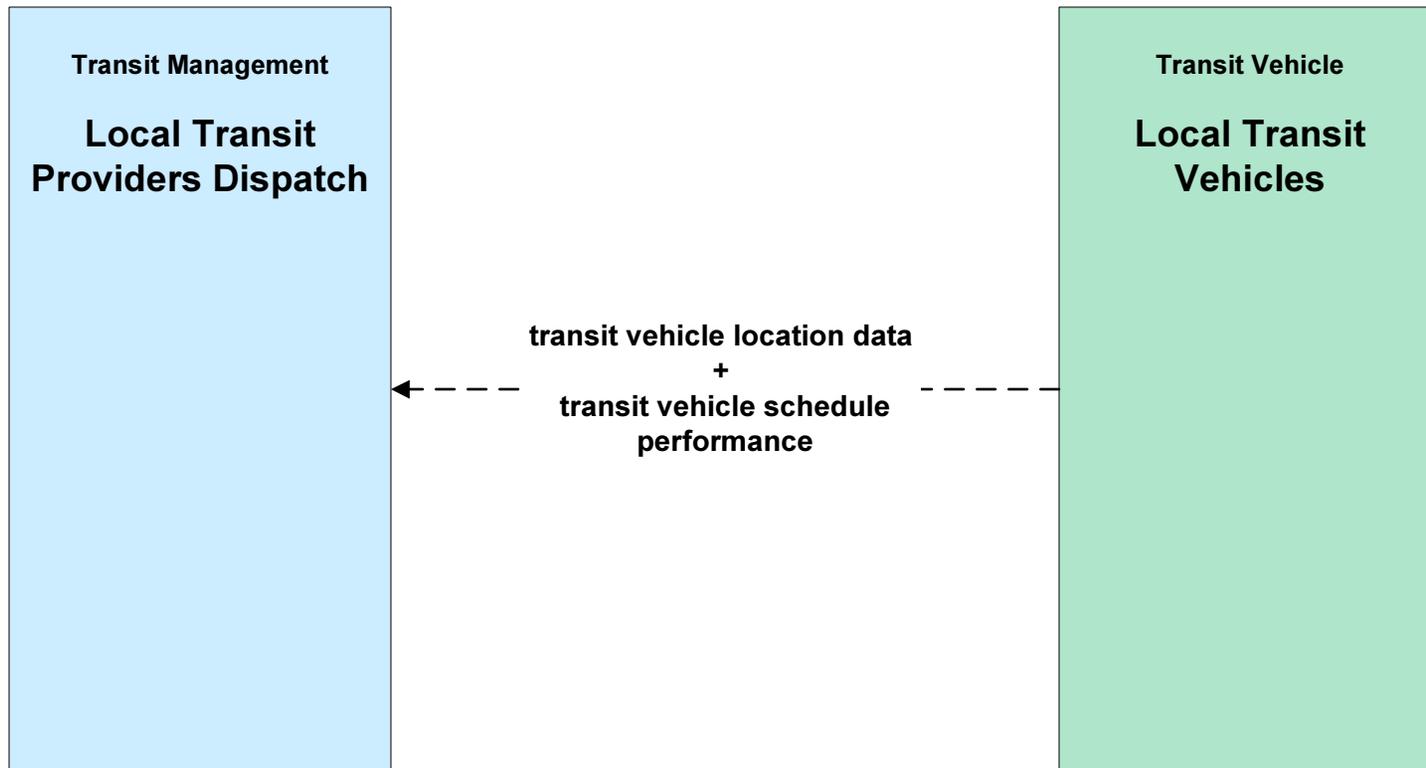


The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.



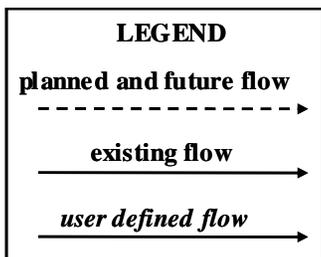
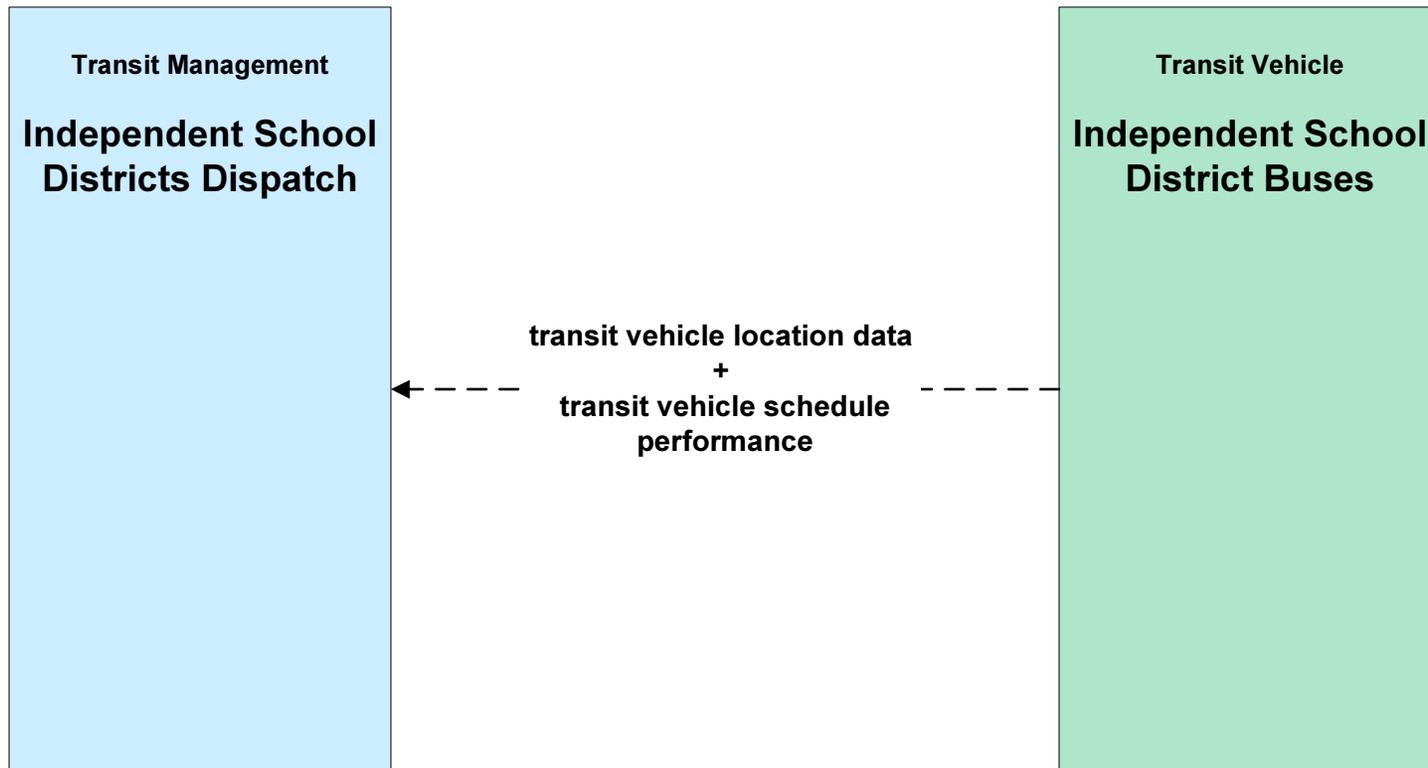
Local Dial-A-Ride Dispatches include Glendale DAR, Peoria DAR, El Mirage DAR, Maricopa County STS, Sun Cities DAR, Surprise DAR.

APTS01 - Transit Vehicle Tracking Local Transit Systems



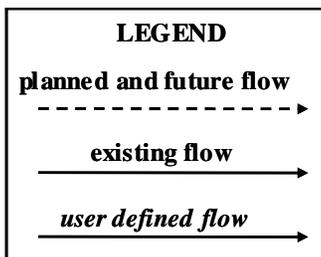
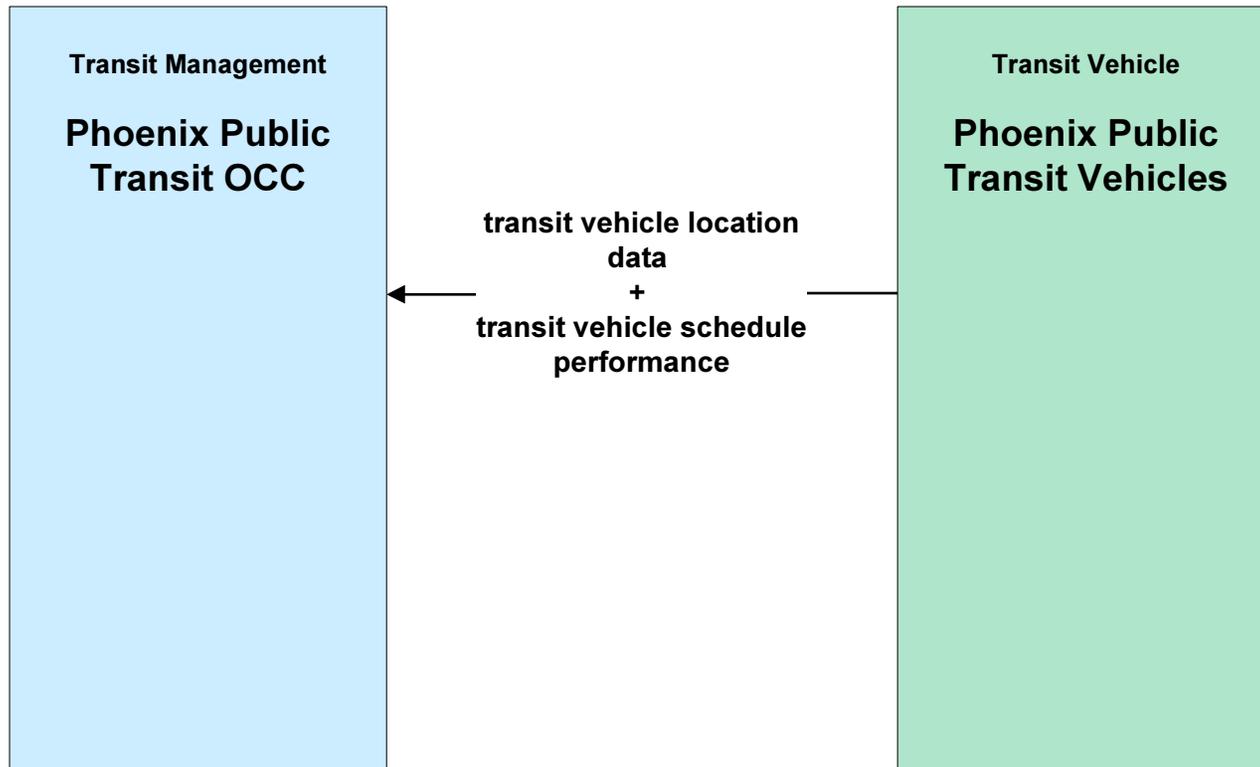
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

APTS01 - Transit Vehicle Tracking Independent School Districts

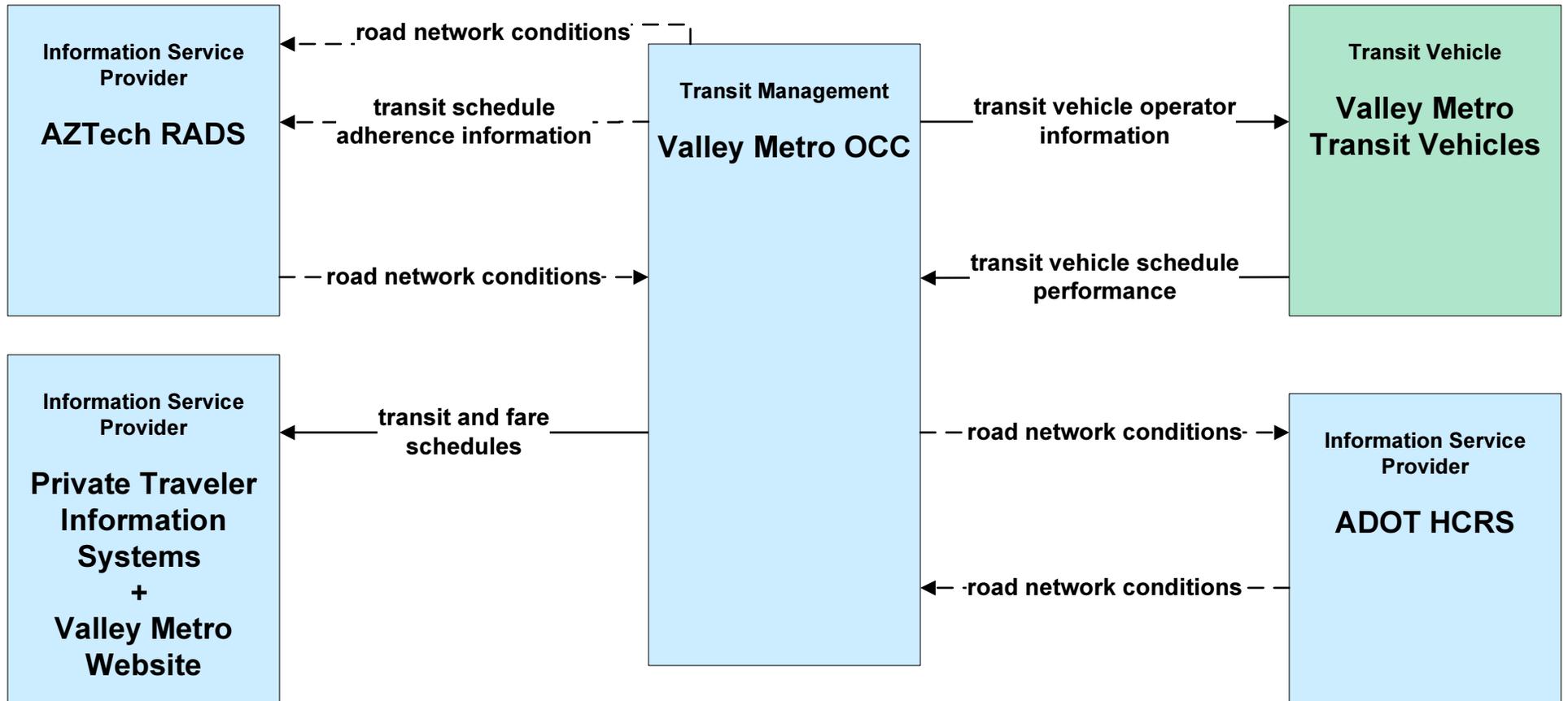


The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

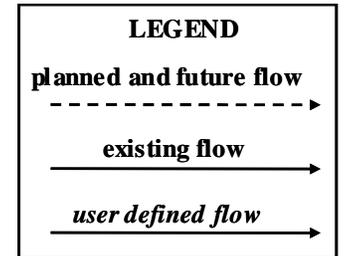
**APTS01 - Transit Vehicle Tracking
Phoenix Public Transit**



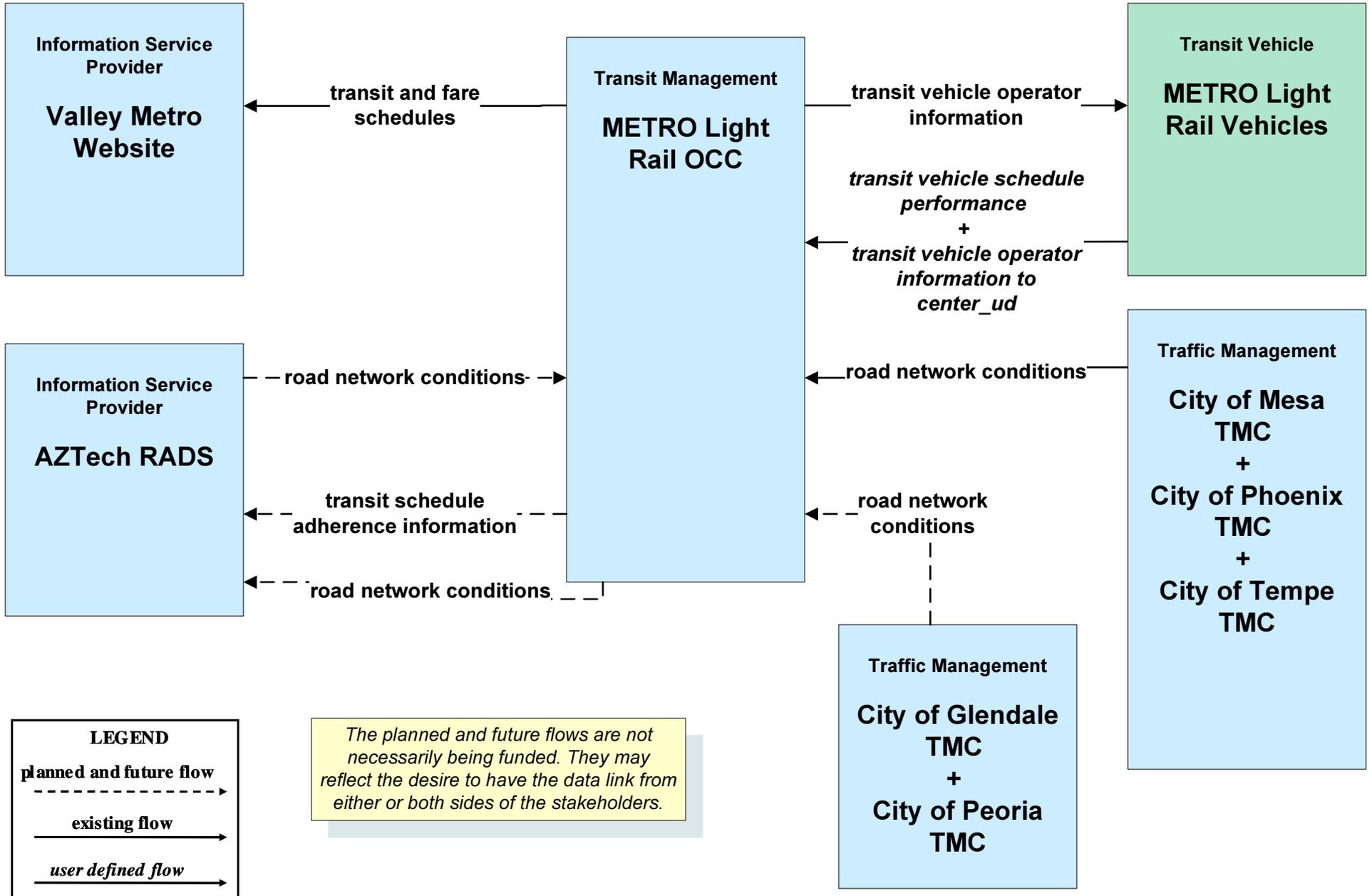
APTS02 - Transit Fixed-Route Operations Valley Metro



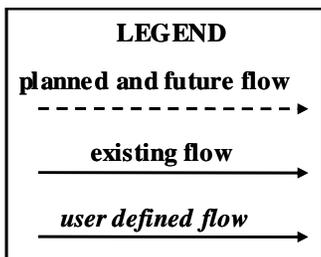
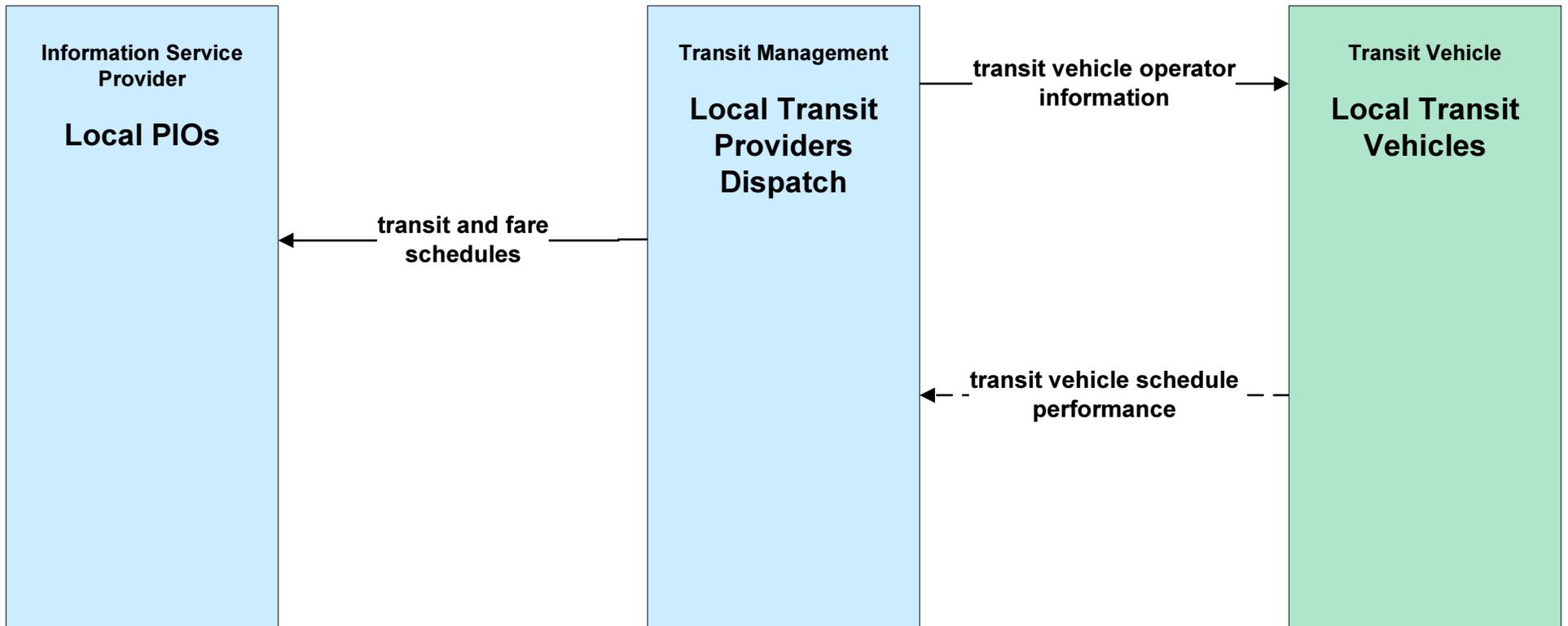
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.



APTS02 - Transit Fixed-Route Operations METRO Light Rail

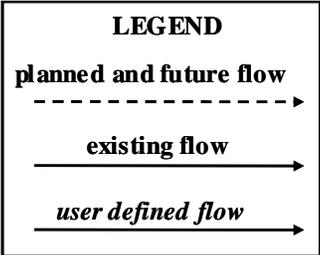
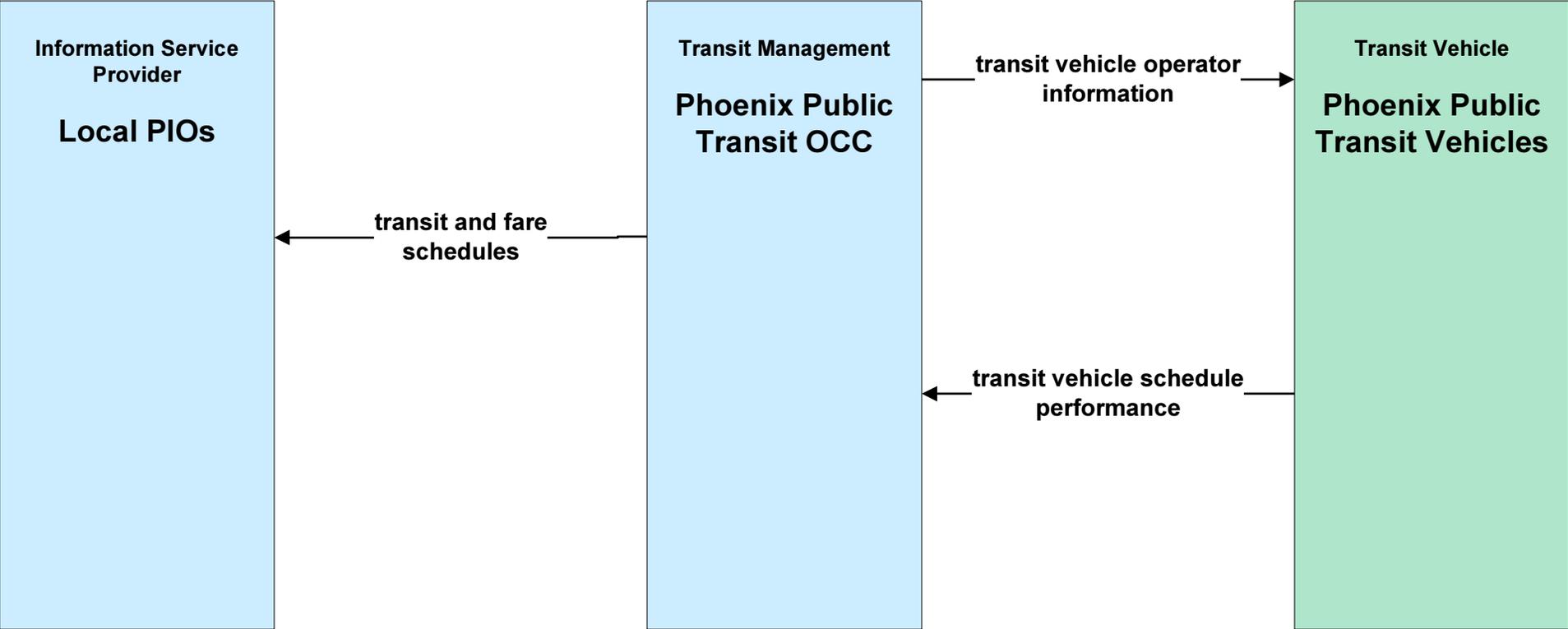


APTS02 - Transit Fixed-Route Operations Local Transit Systems

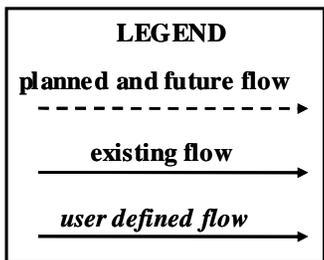
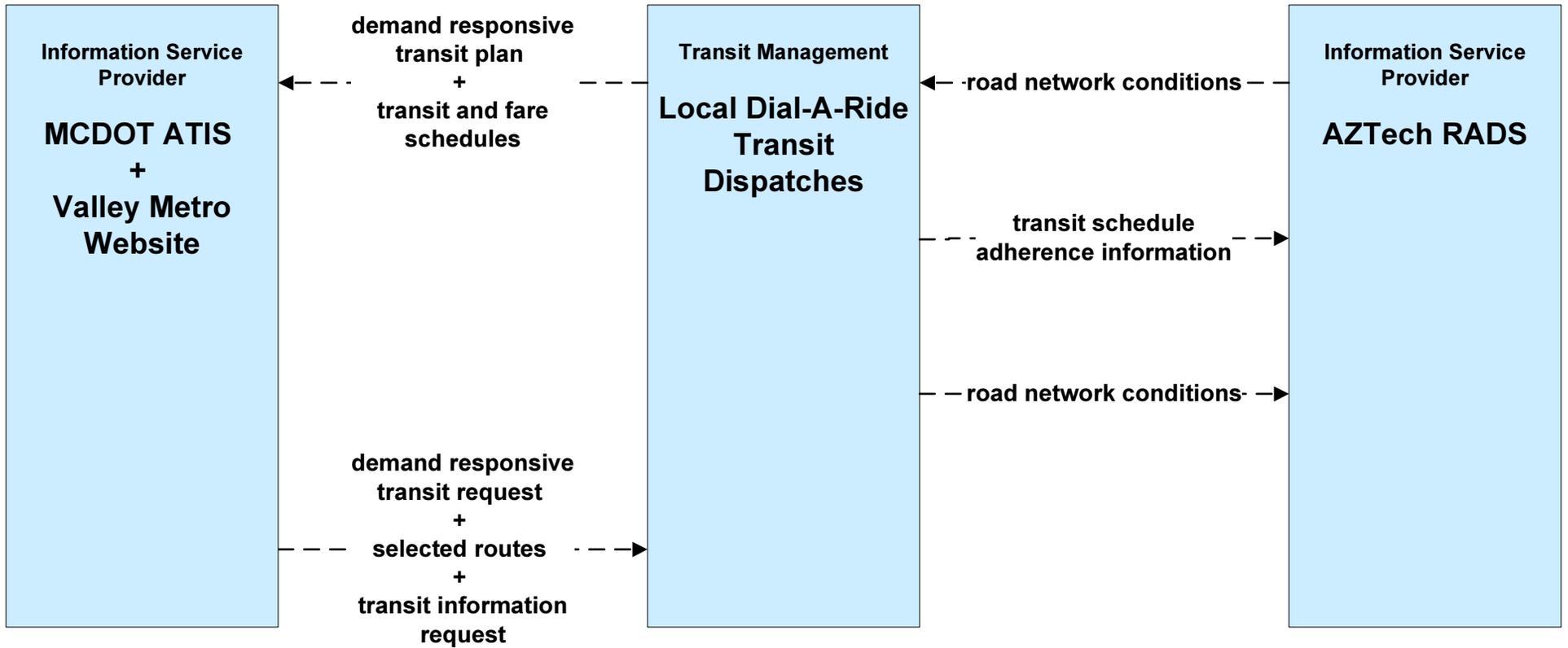


The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

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



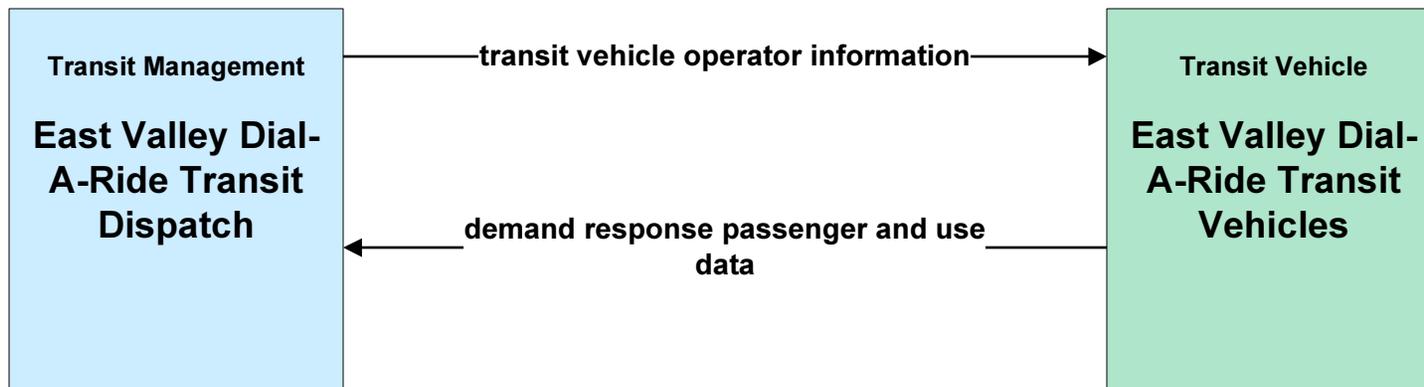
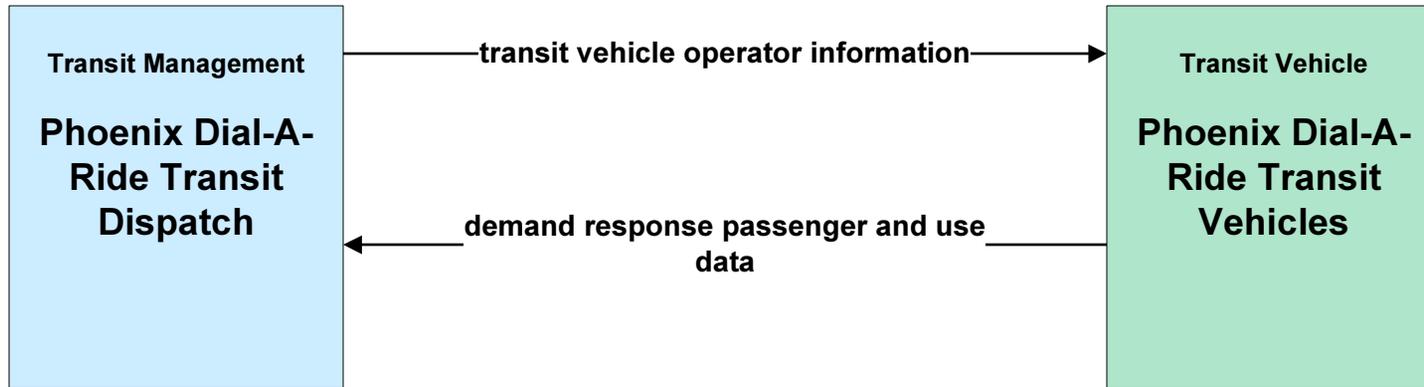
APTS03 - Demand Response Transit Operations Local Dial-A-Ride Transit Systems (1 of 2)



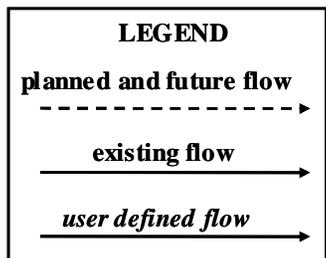
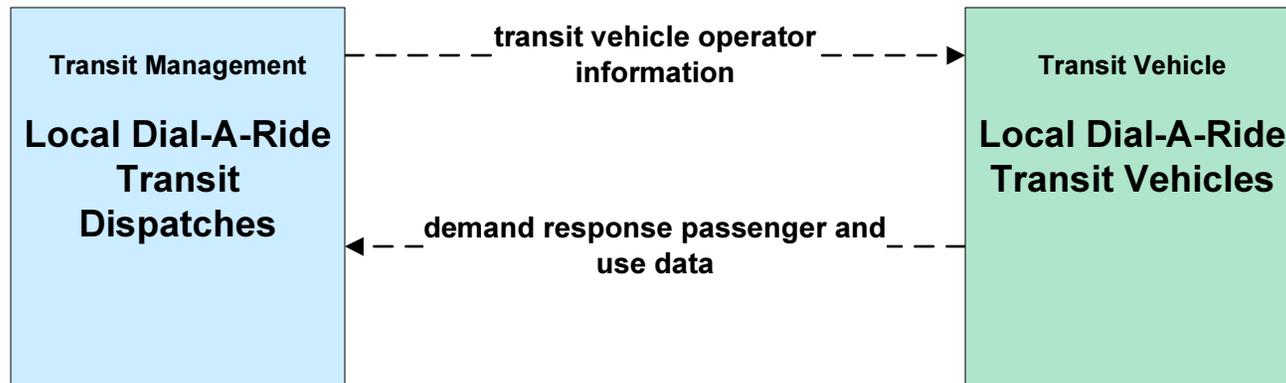
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

APTS03 - Demand Response Transit Operations

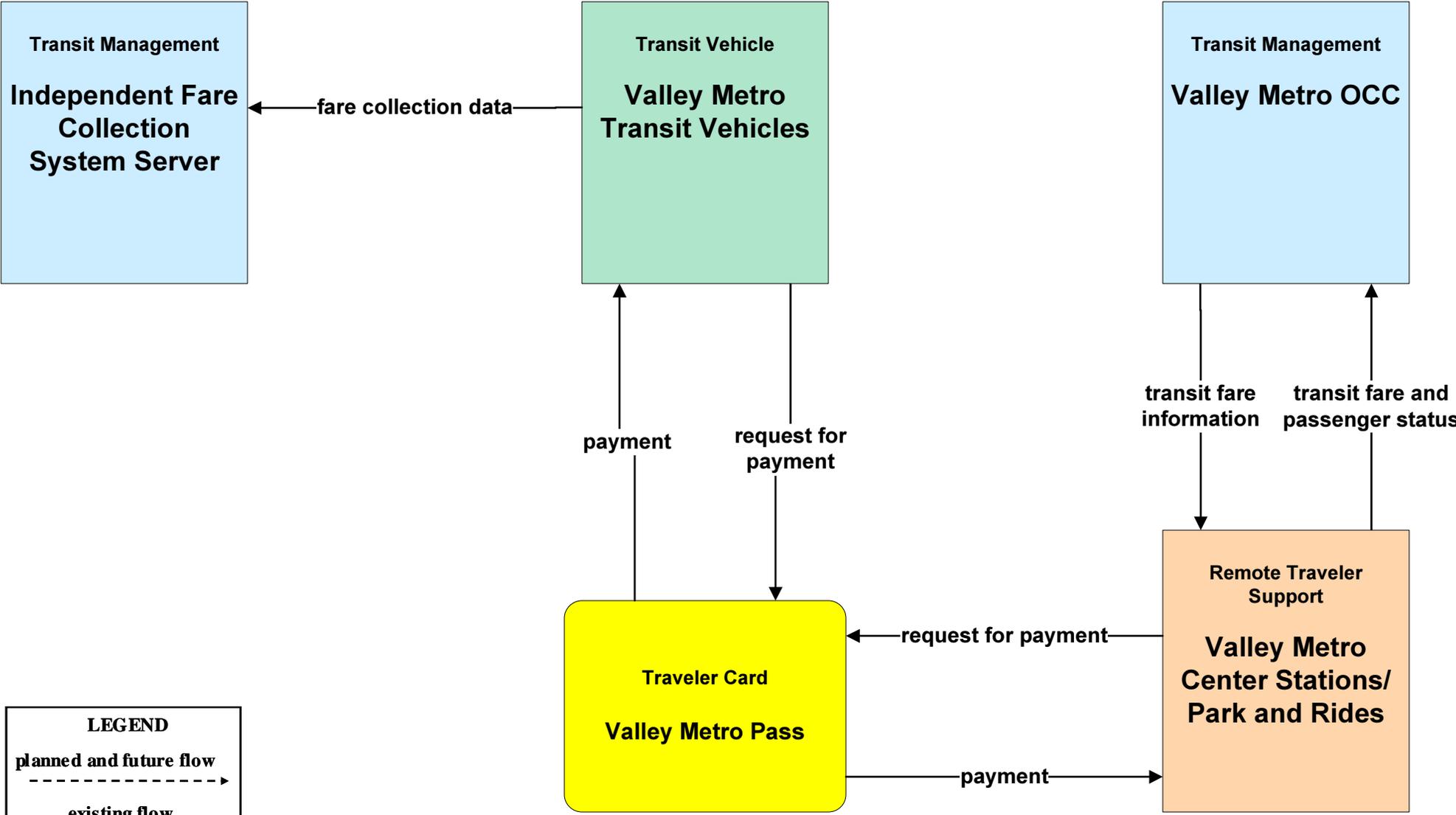
Local Dial-A-Ride Transit Systems (2 of 2)



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.



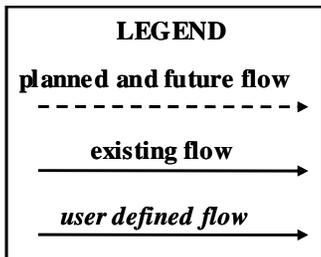
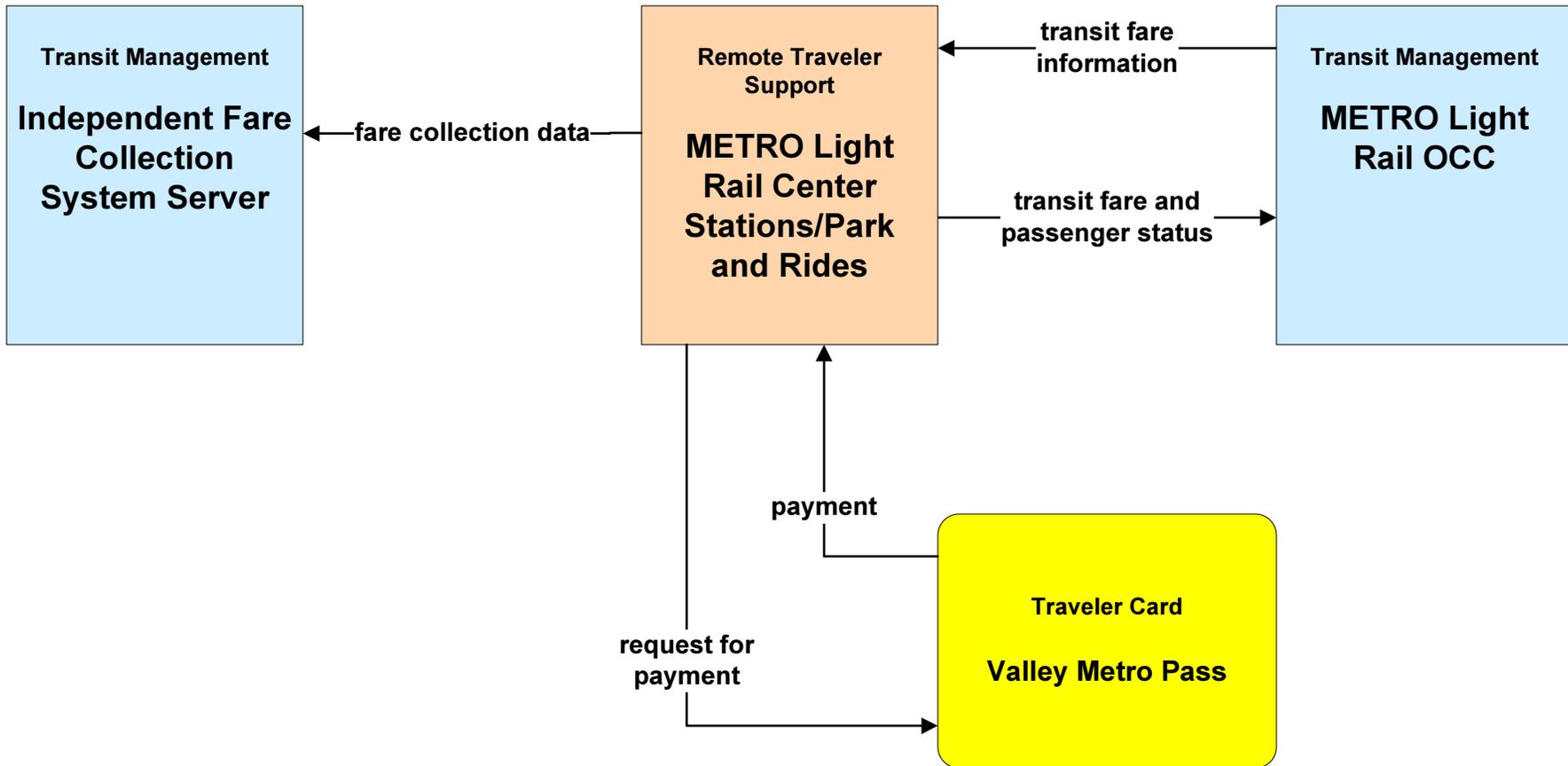
APTS04 - Transit Fare Collection Management Valley Metro



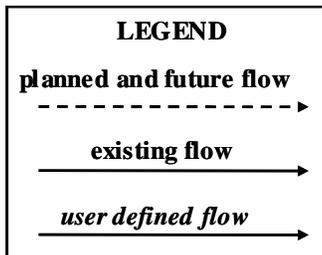
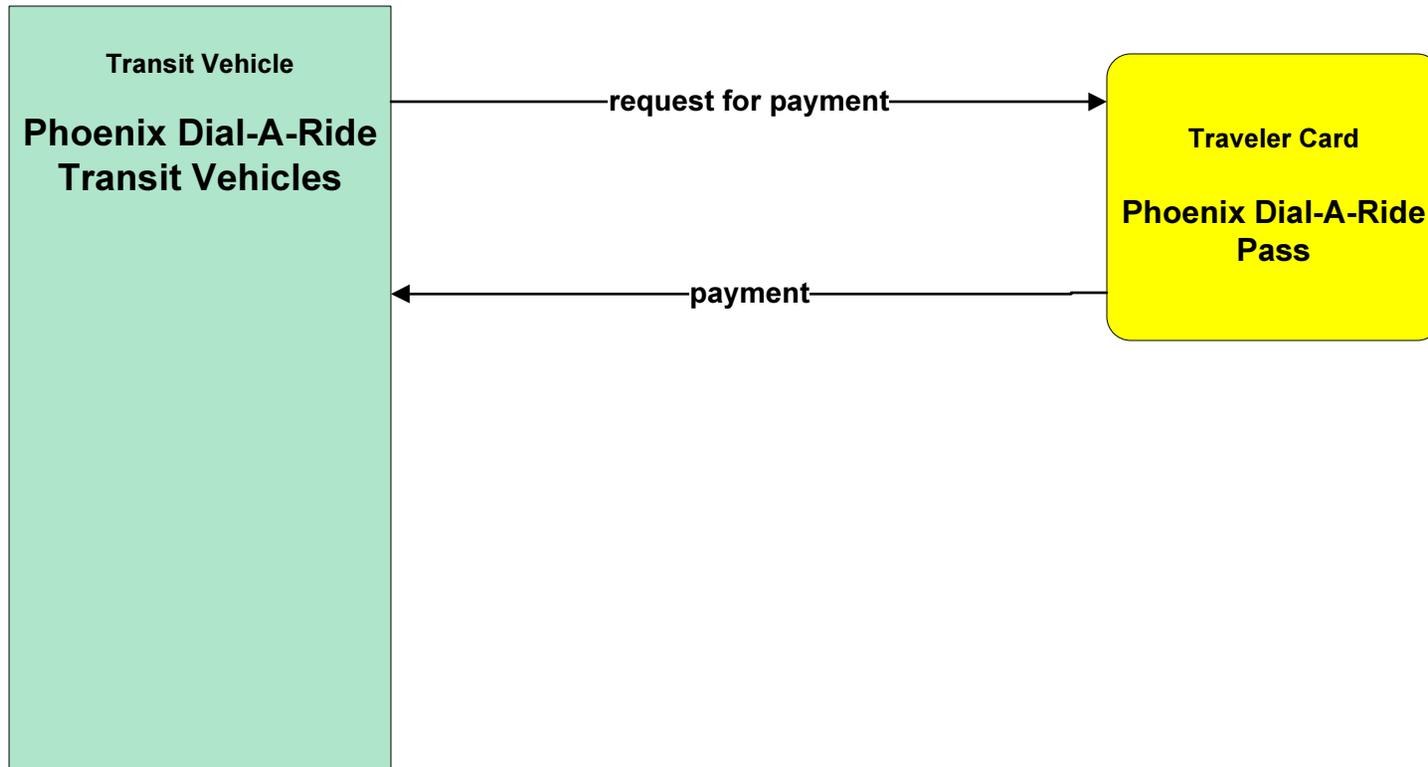
LEGEND

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

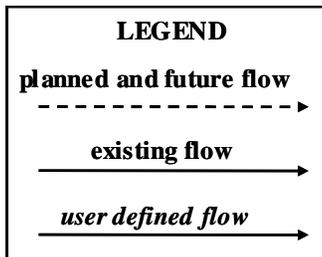
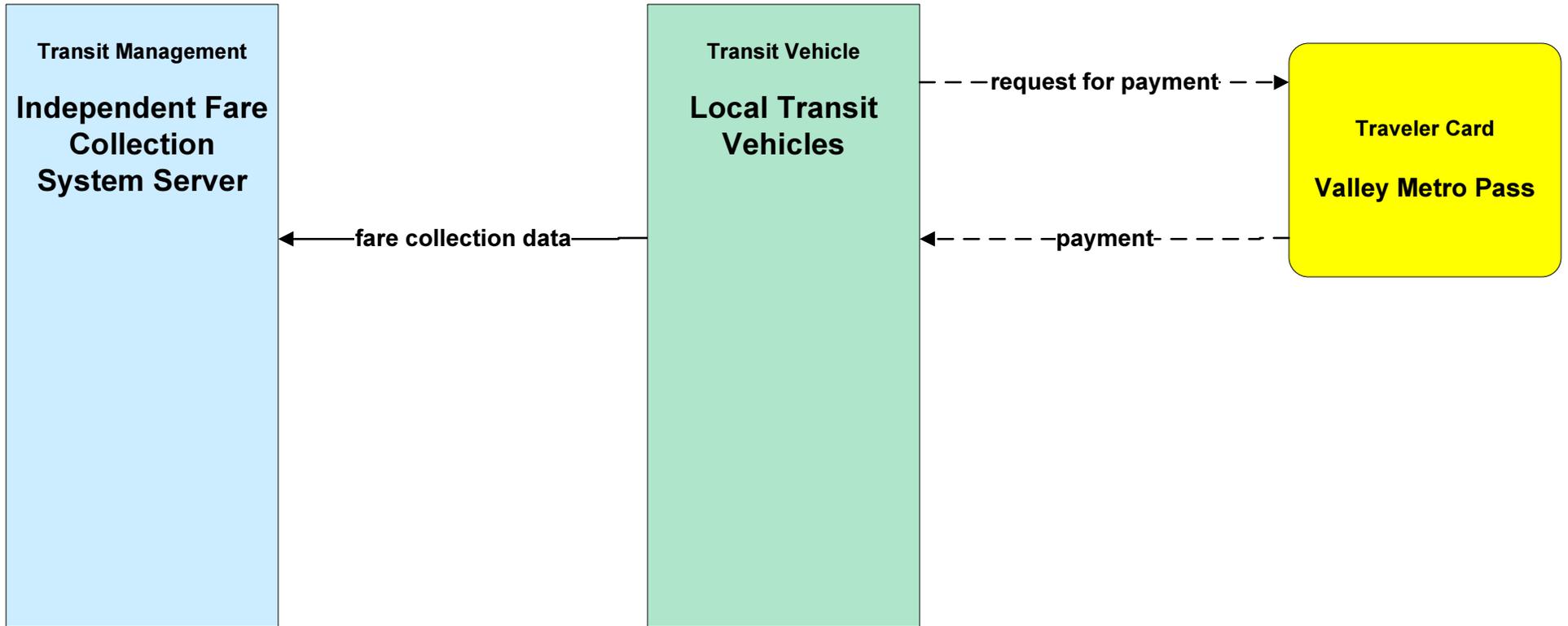
APTS04 - Transit Fare Collection Management METRO Light Rail



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

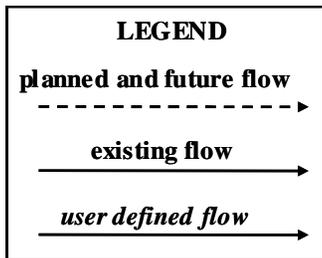
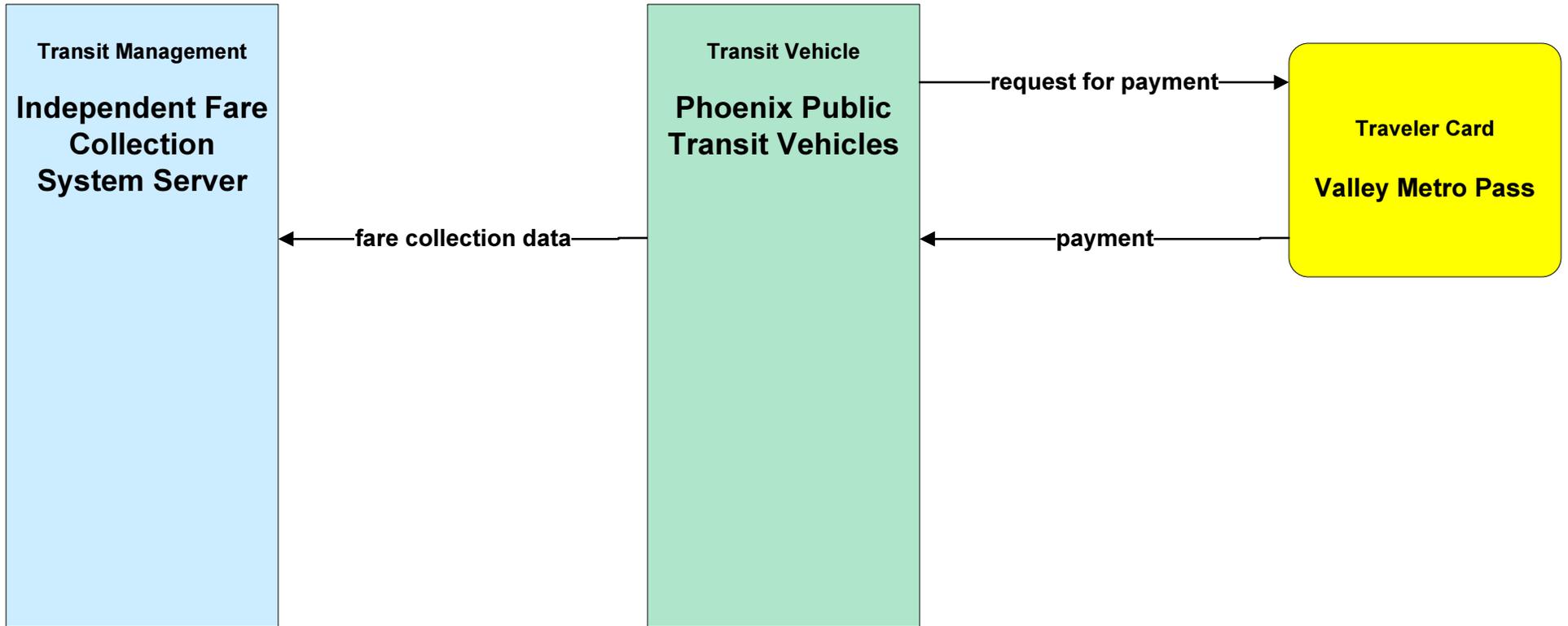


APTS04 - Transit Fare Collection Management Local Transit Systems

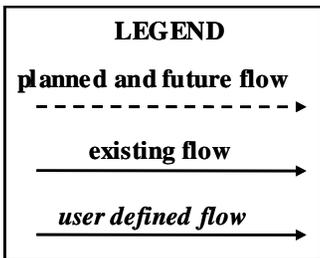
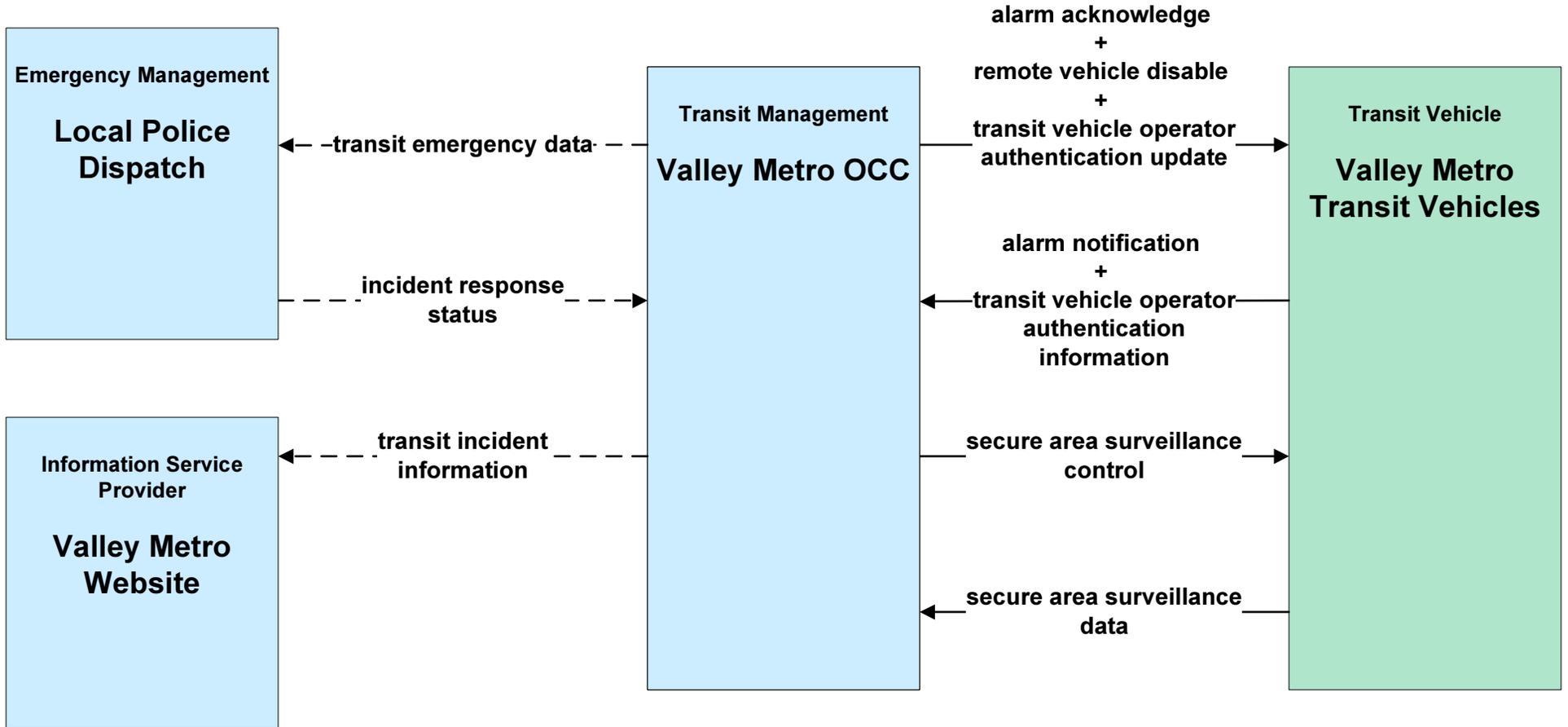


The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

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

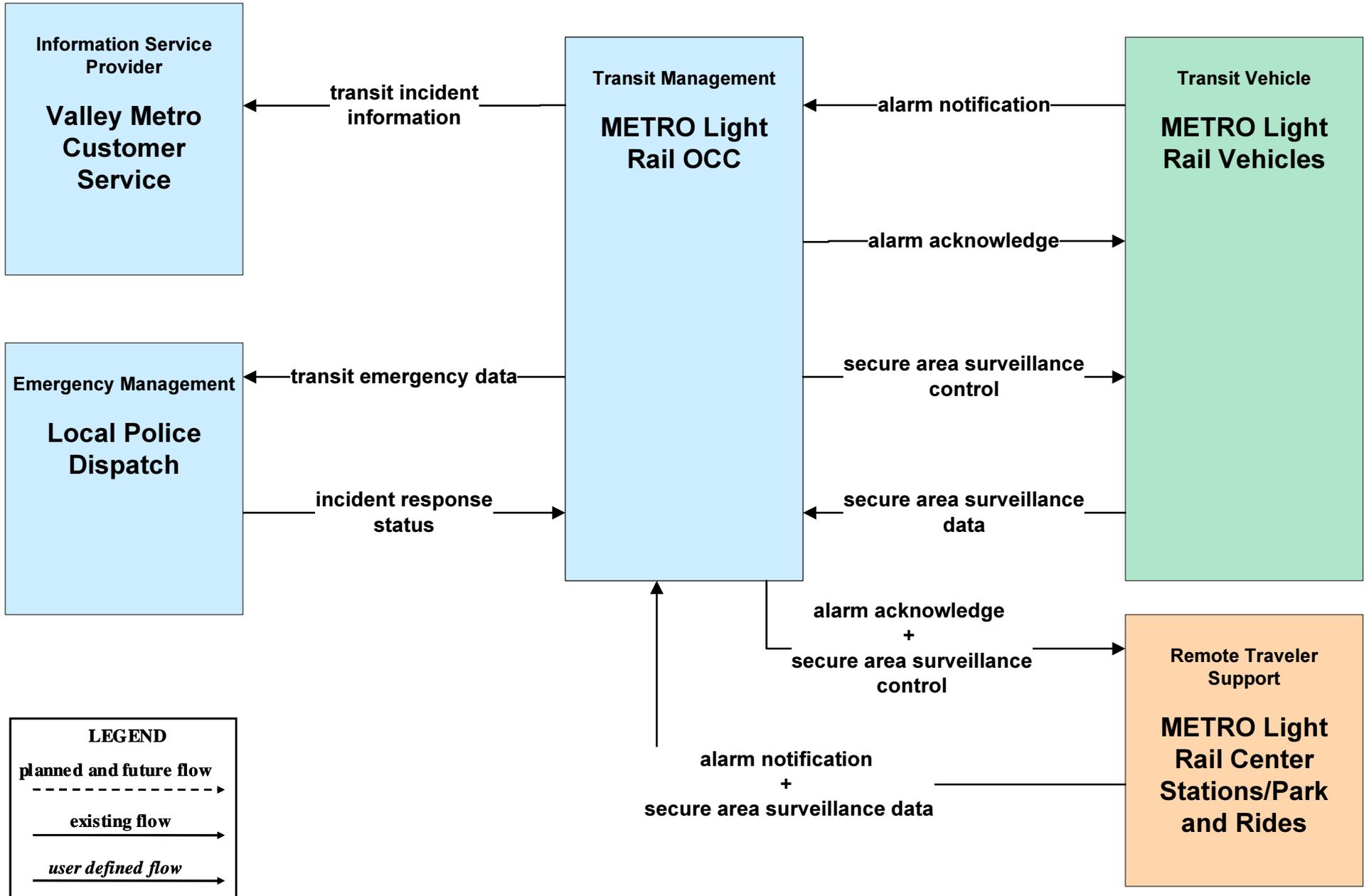


APTS05 - Transit Security Valley Metro



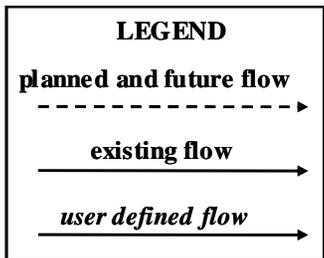
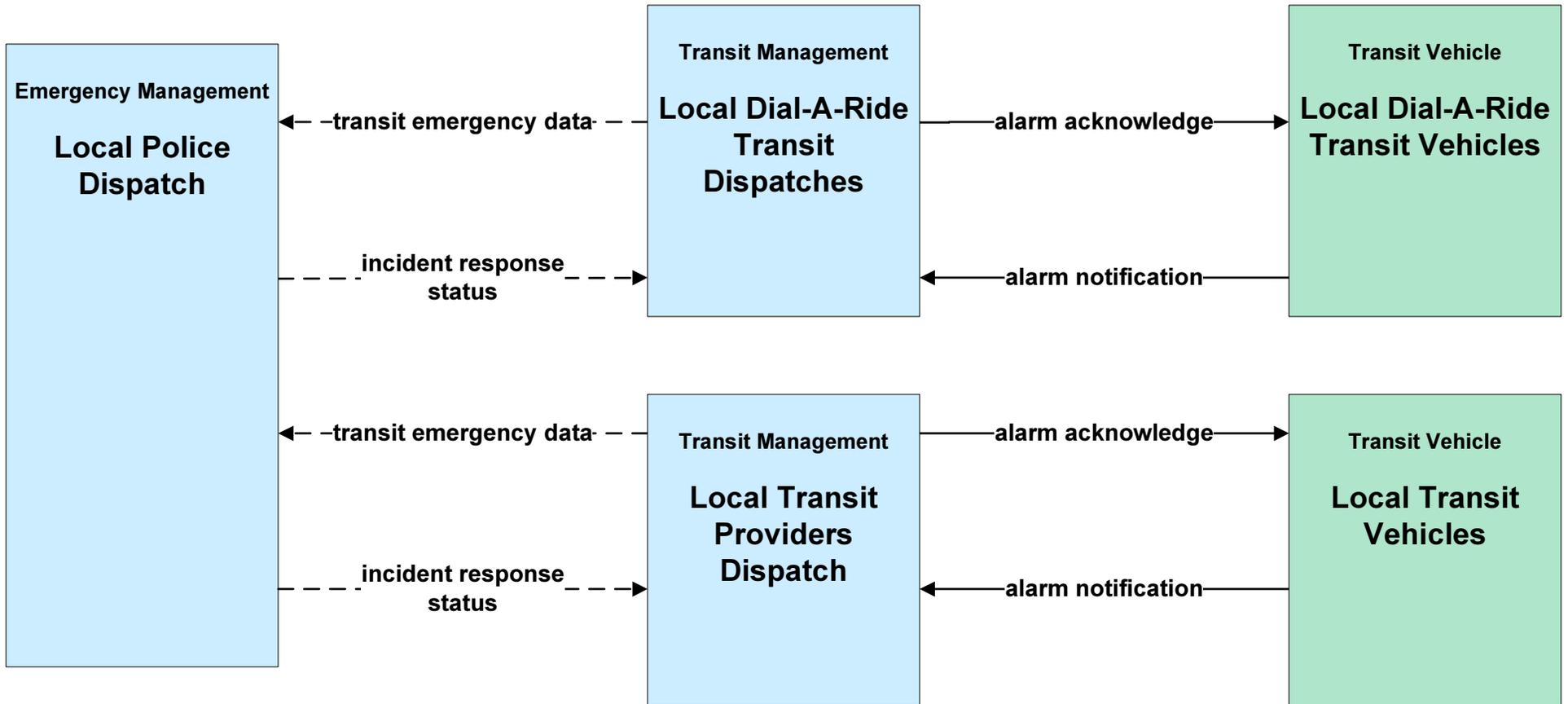
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

**APTS05 - Transit Security
METRO Light Rail**



APTS05 - Transit Security

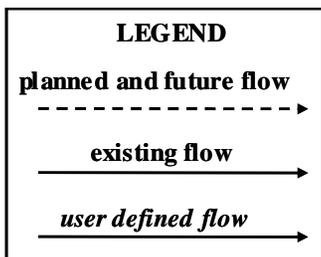
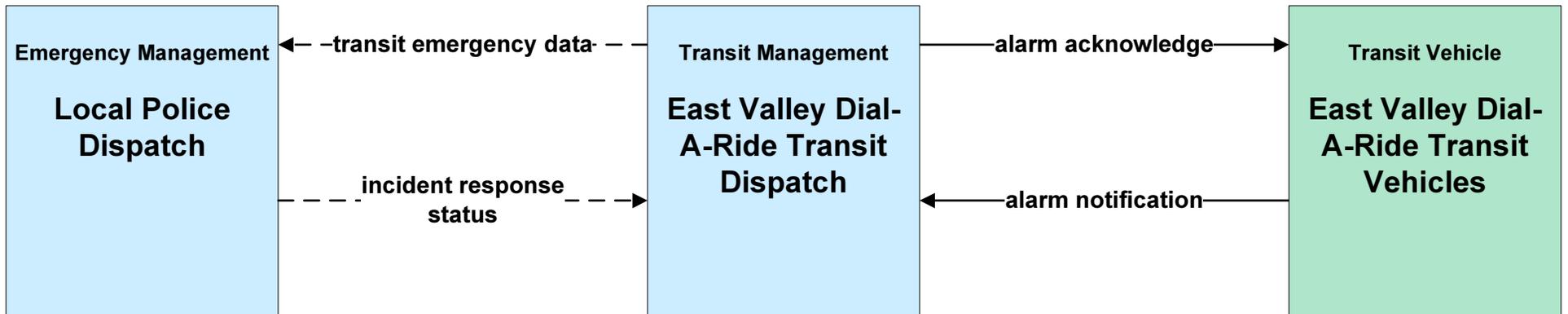
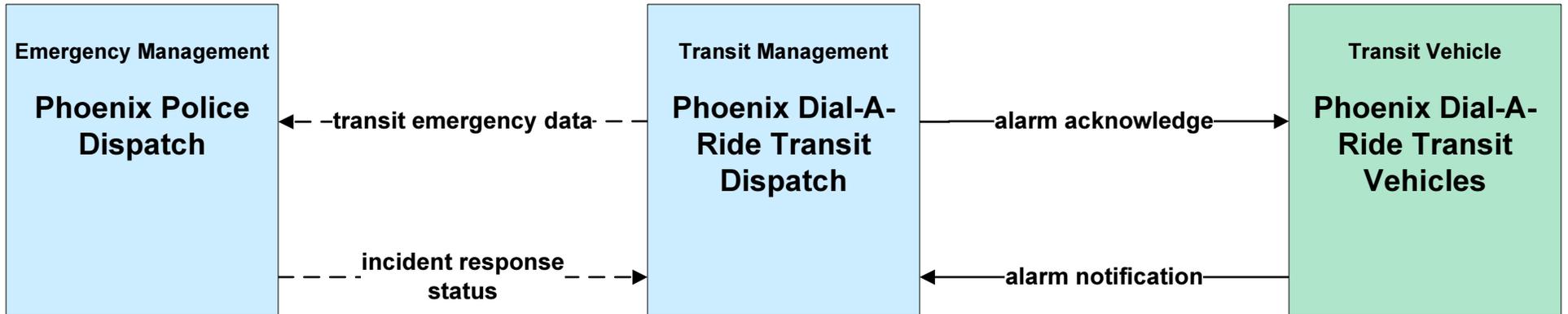
Local Dial-A-Ride and Local Transit Systems



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.

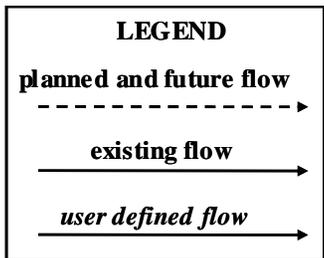
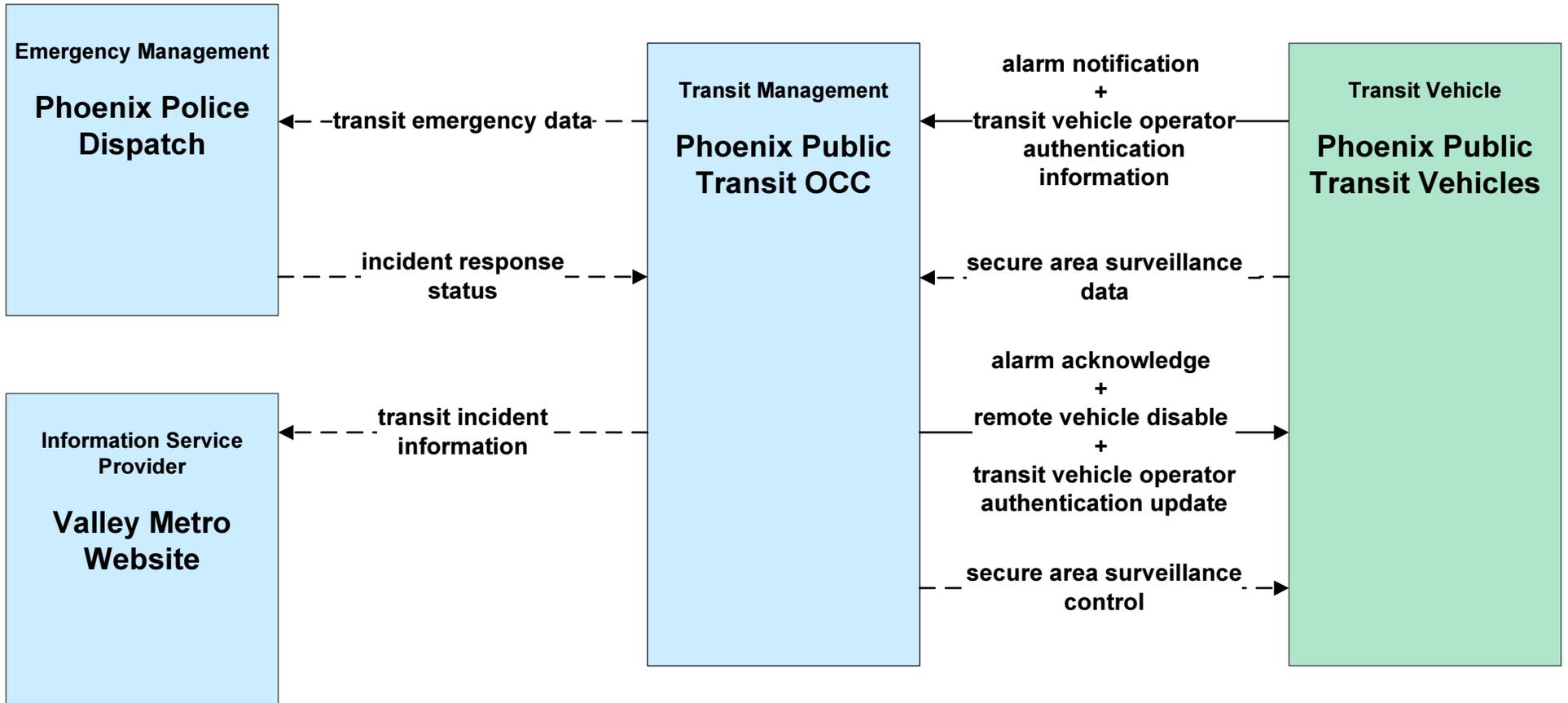
APTS05 - Transit Security

Phoenix Dial-A-Ride and East Valley Dial-A-Ride



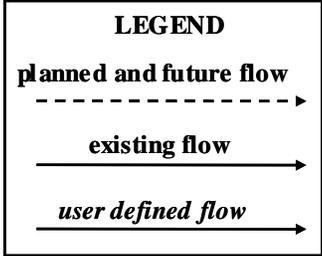
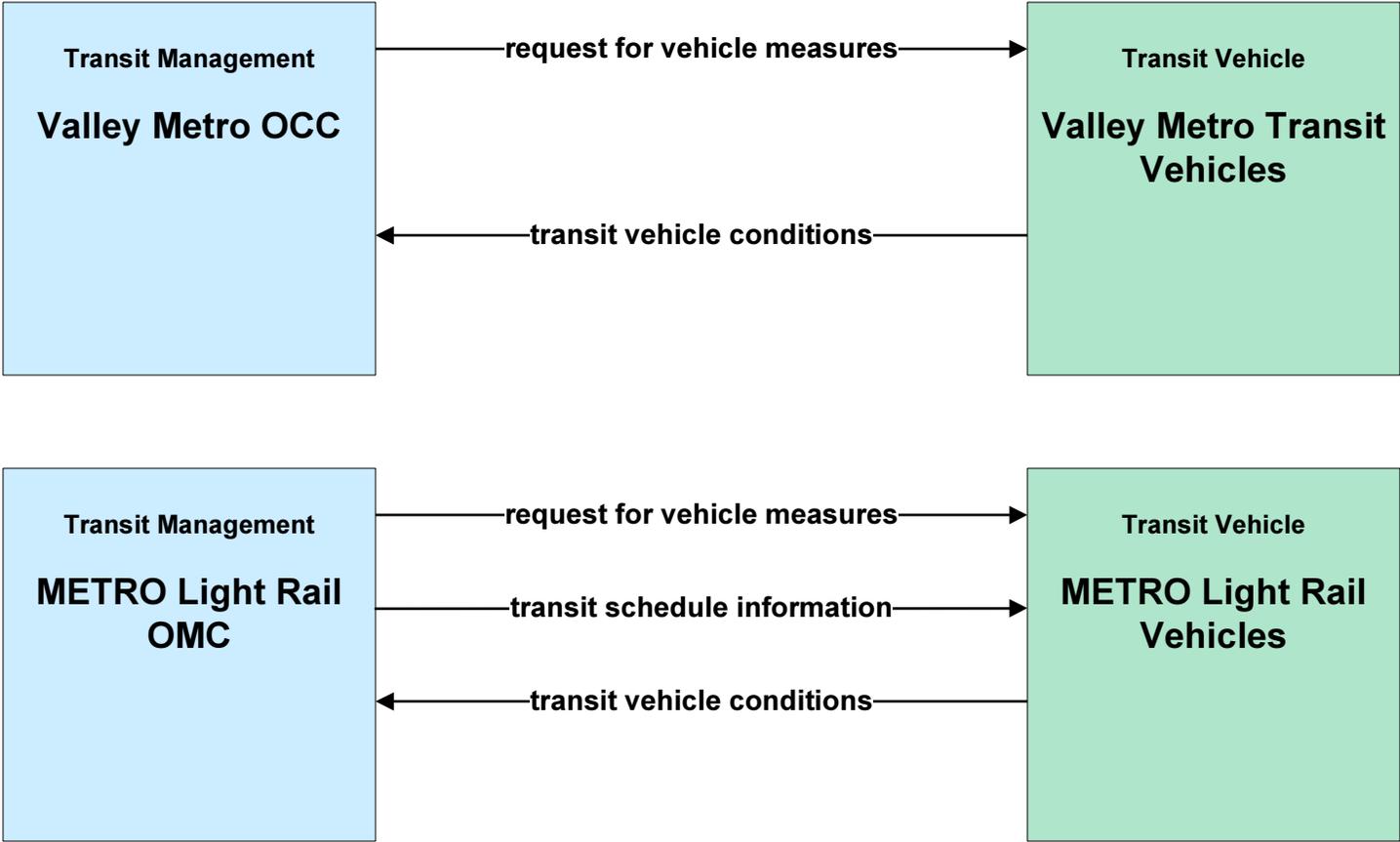
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

APTS05 - Transit Security Phoenix Public Transit

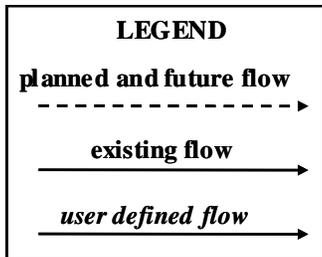
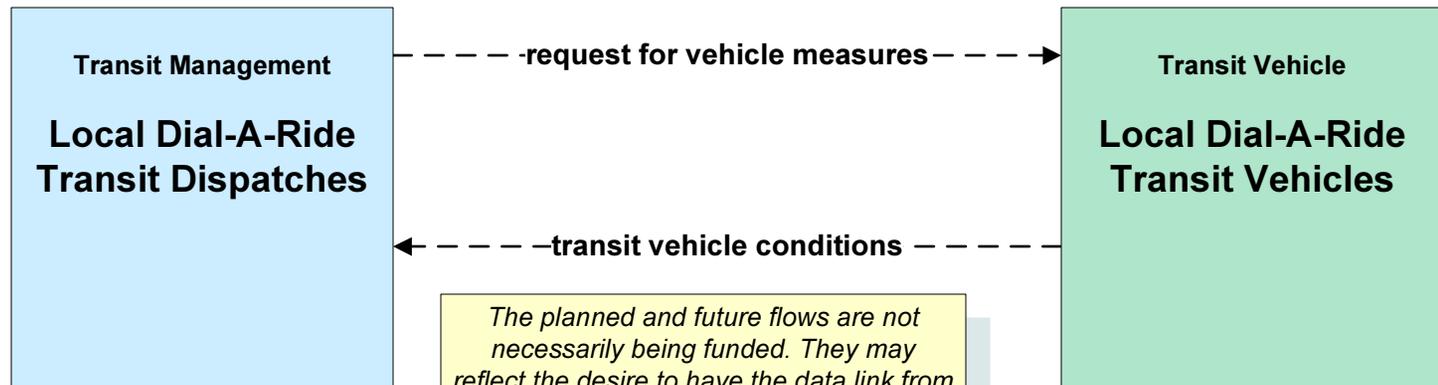
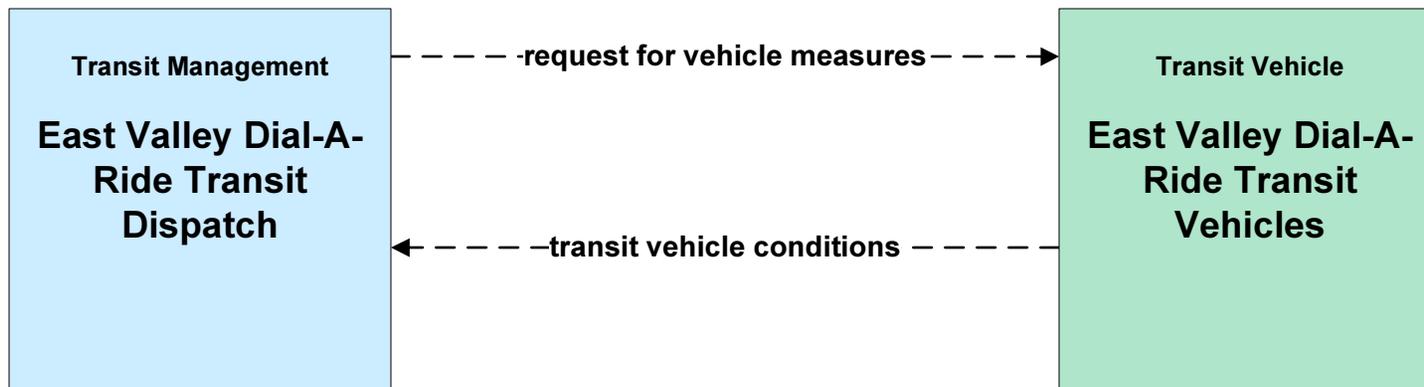
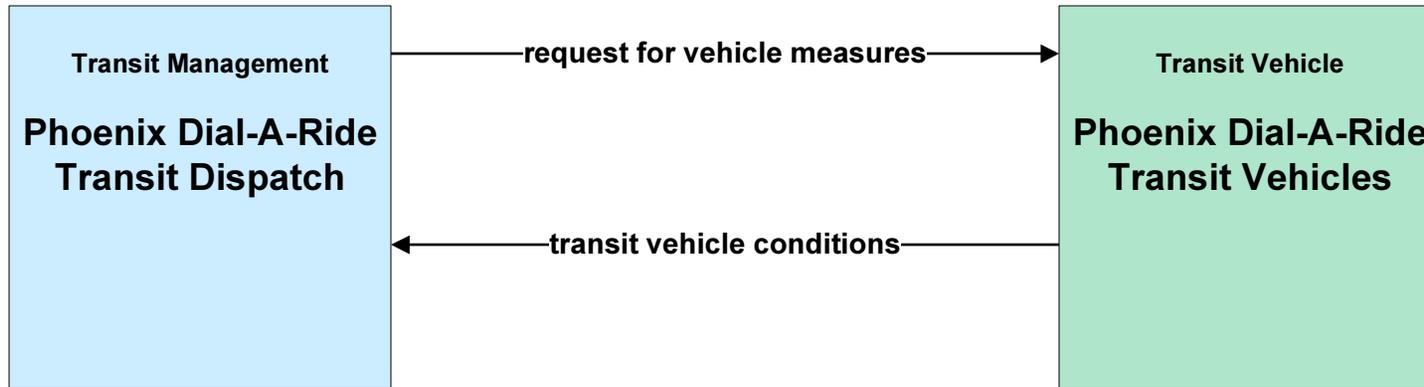


The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

**APTS06 - Transit Fleet Management
Valley Metro/ METRO Light Rail**

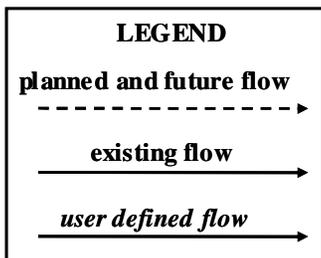
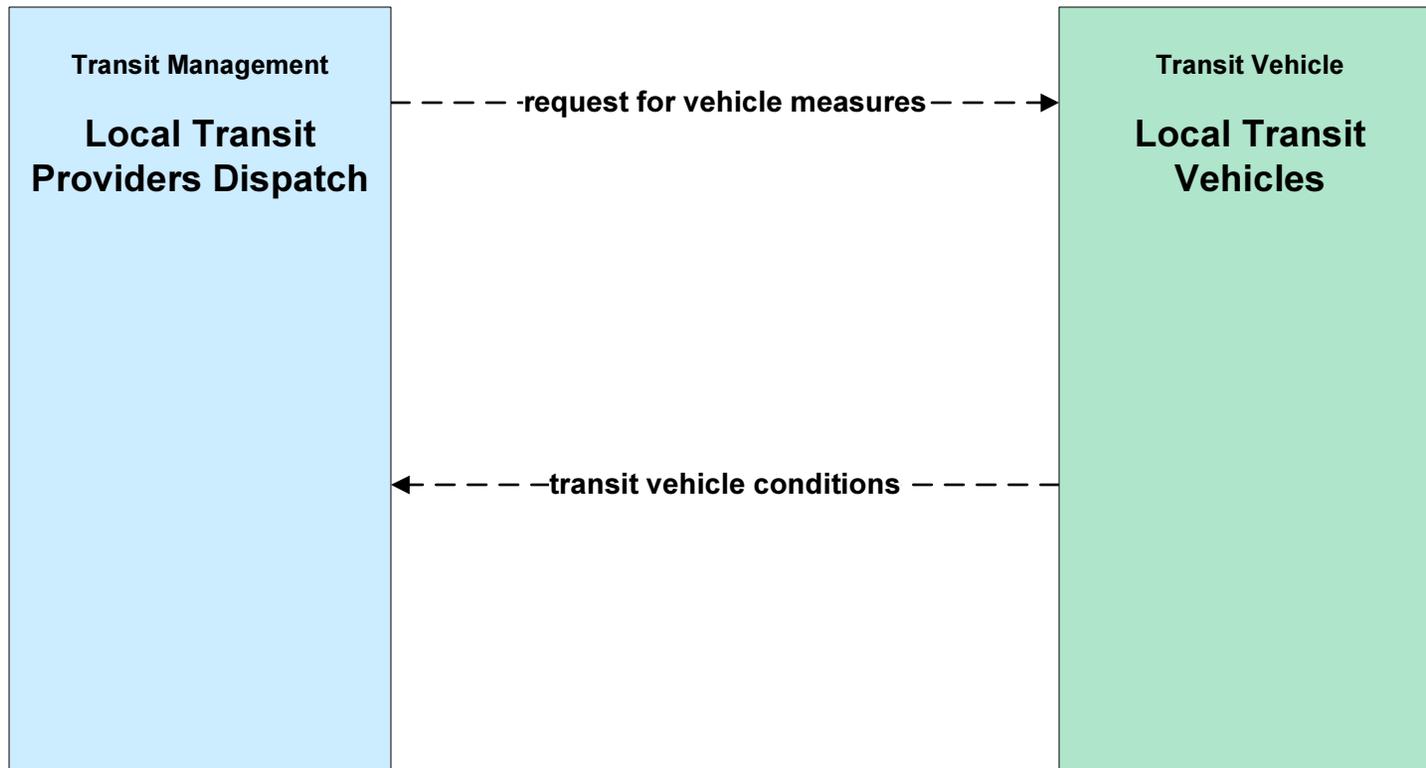


APTS06 - Transit Fleet Management Local Dial-A-Ride Transit Systems



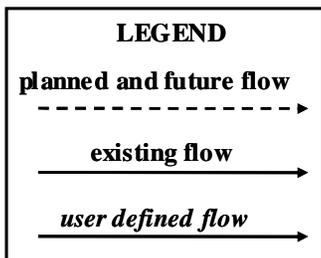
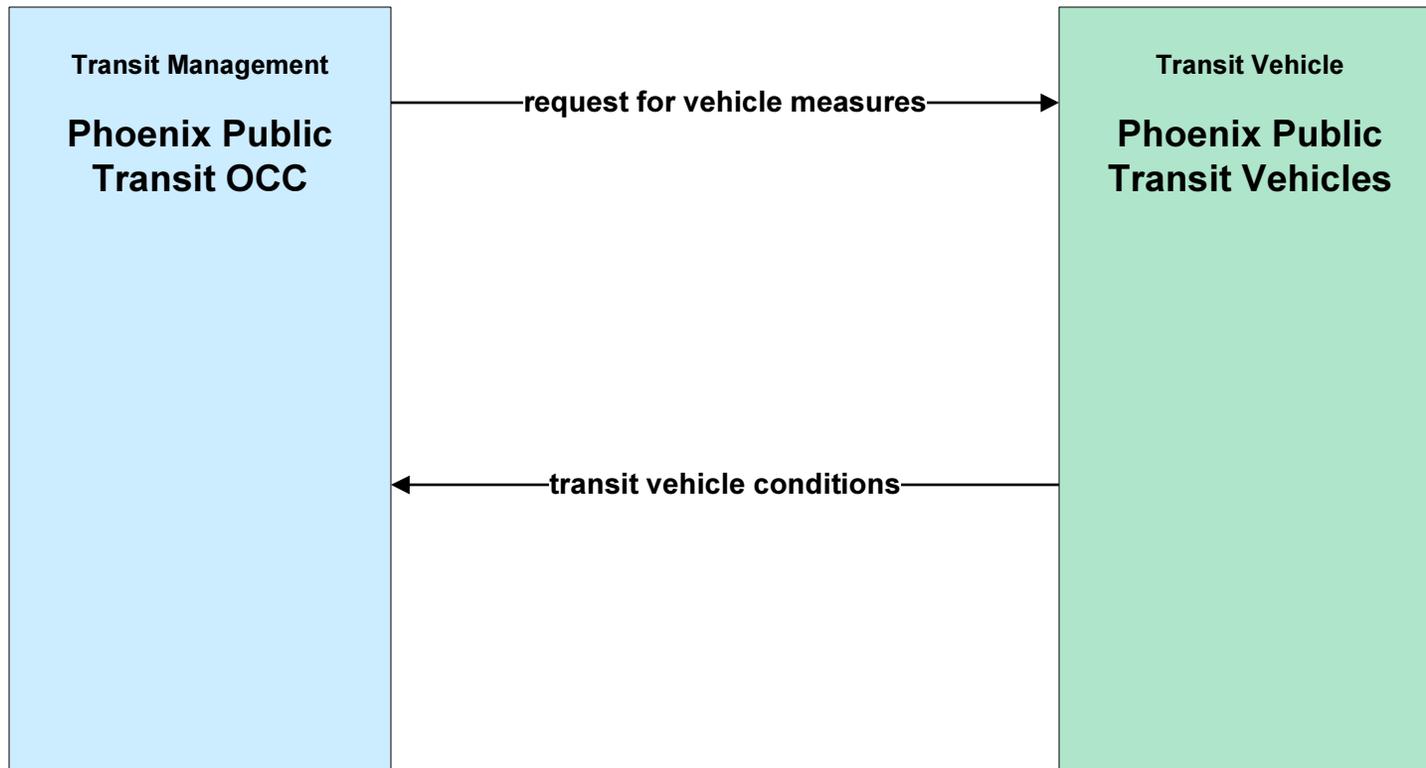
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

APTS06 - Transit Fleet Management Local Transit Systems

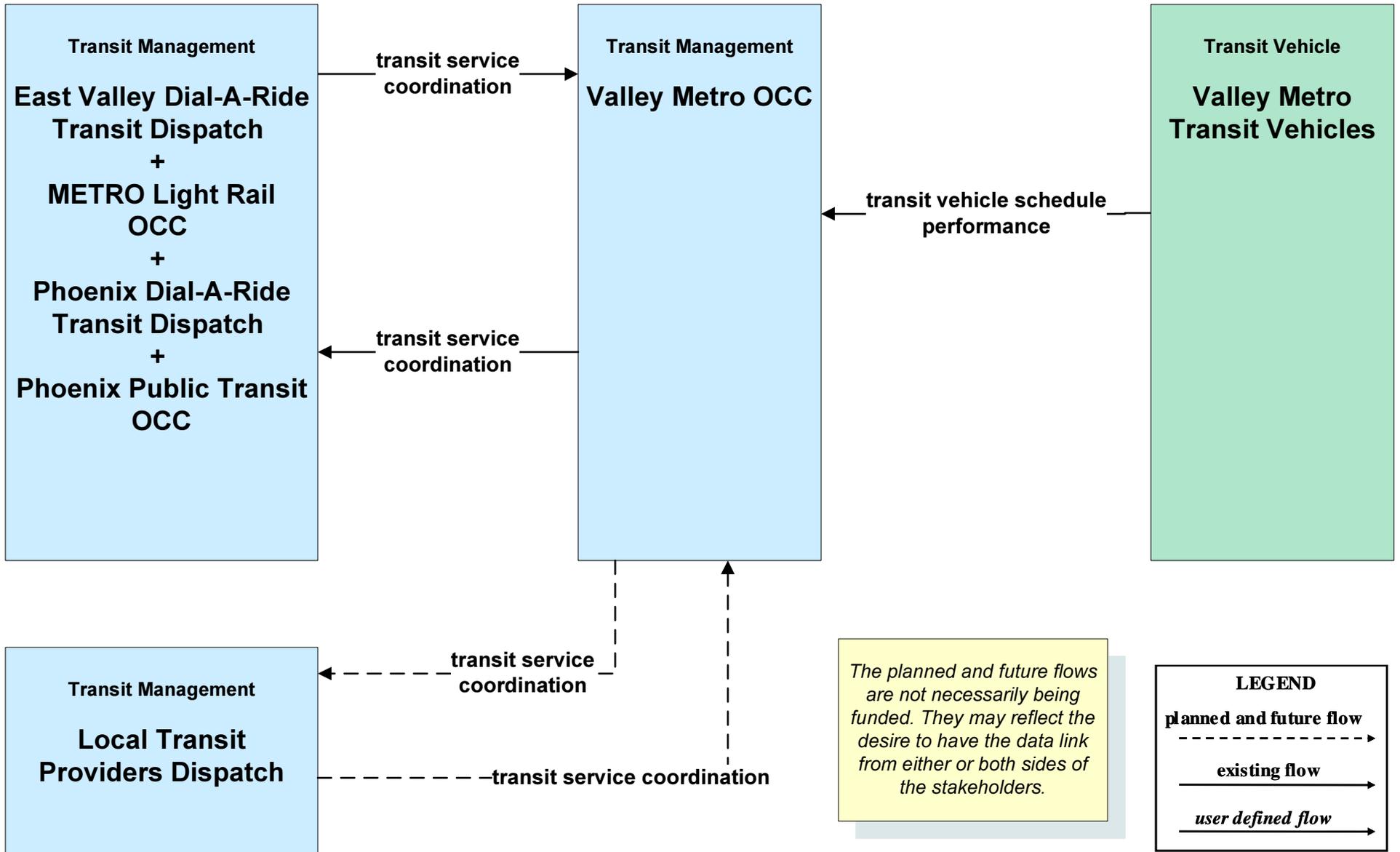


The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

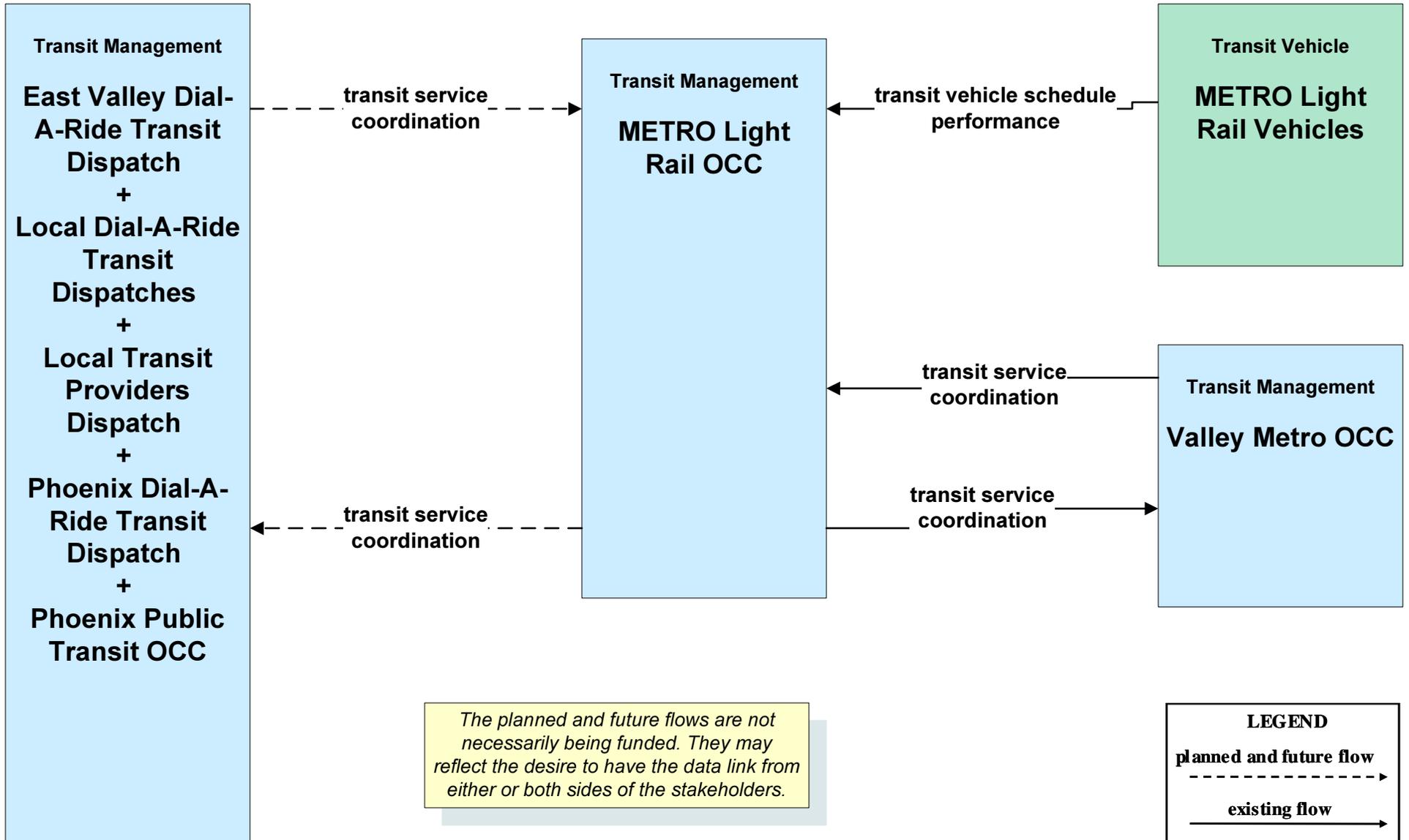
**APTS06 - Transit Fleet Management
Phoenix Public Transit**



APTS07 - Multi-modal Coordination Valley Metro



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

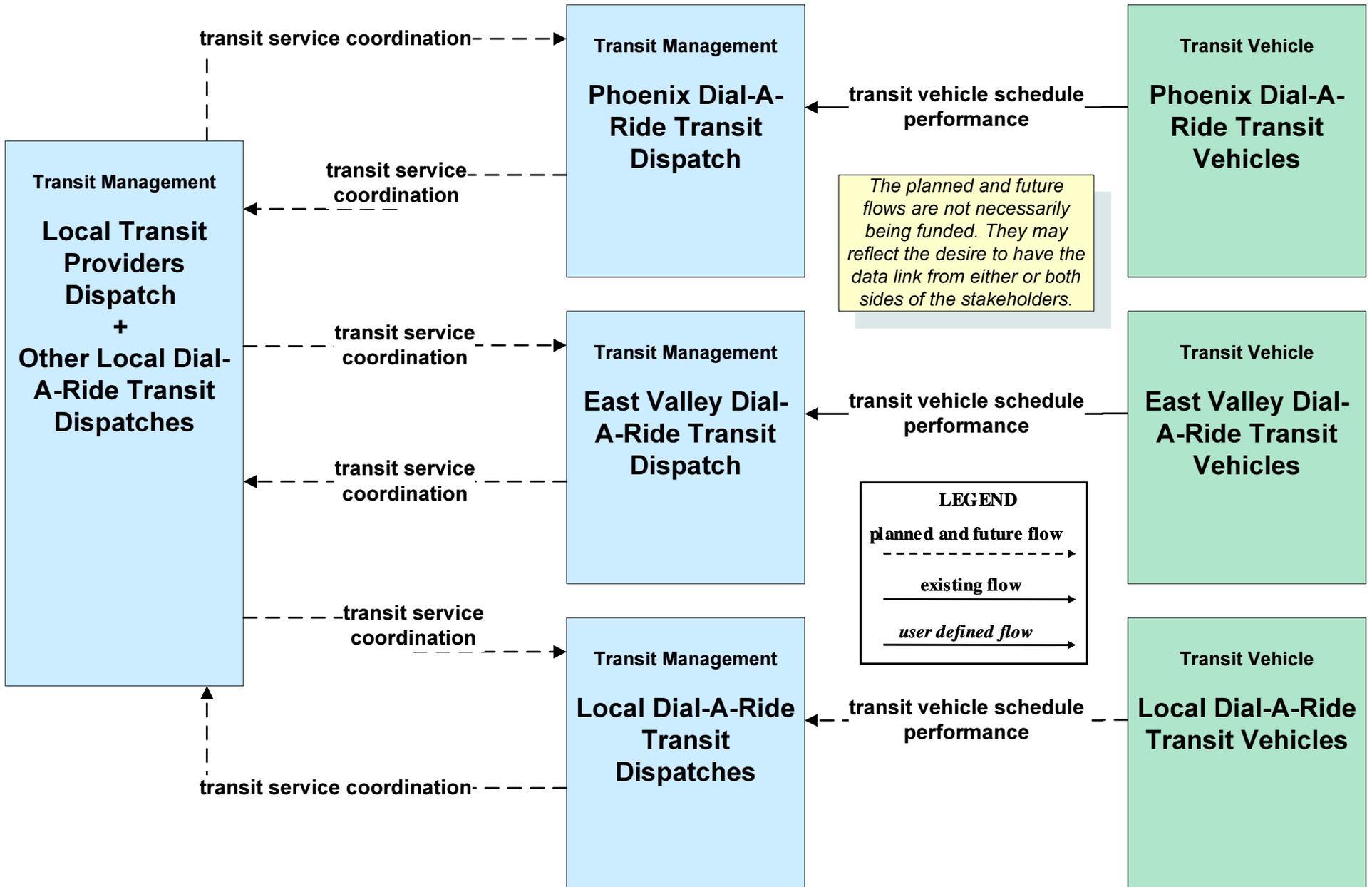


The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

LEGEND

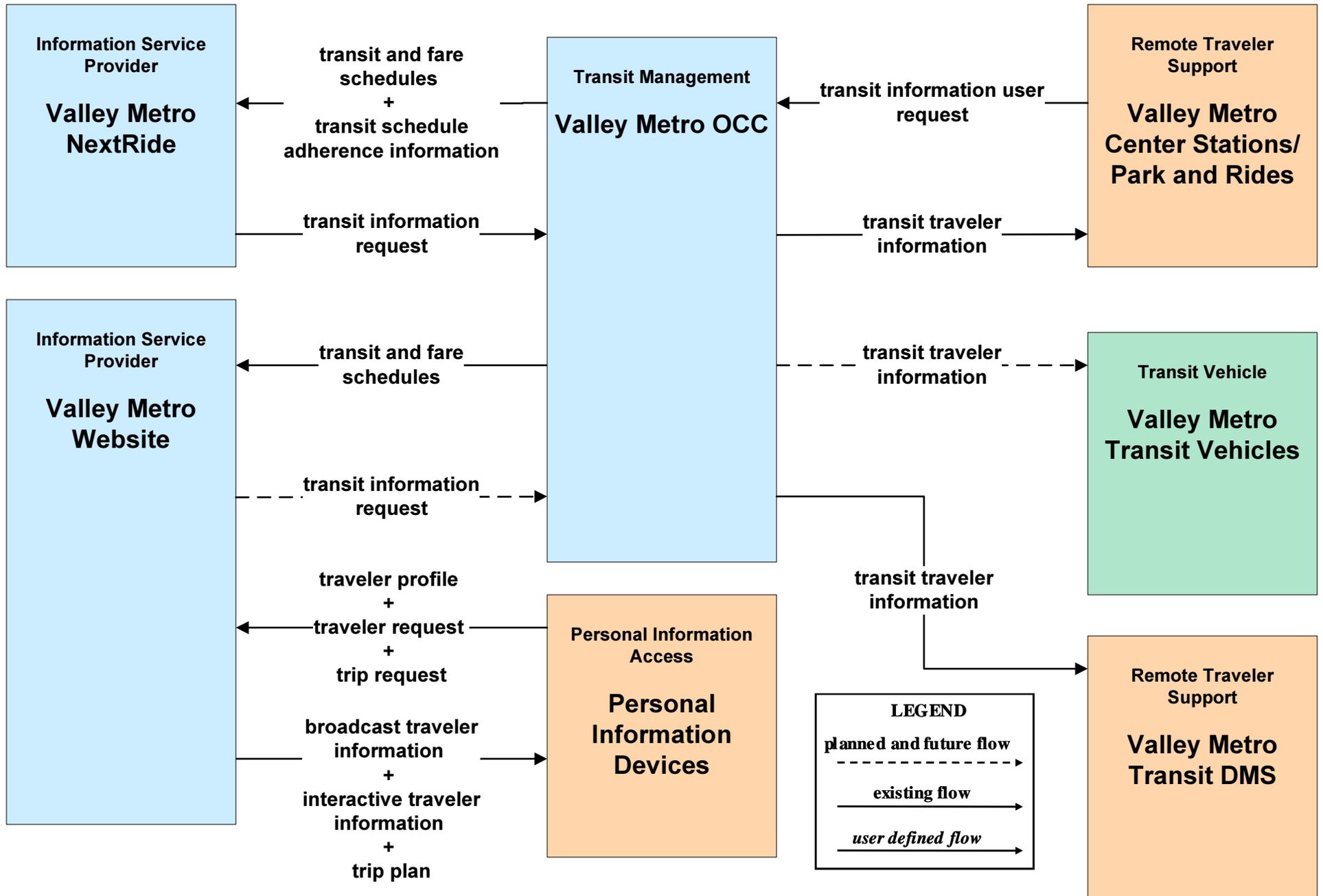
- planned and future flow** (dashed arrow)
- existing flow** (solid arrow)
- user defined flow** (solid arrow with underline)

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

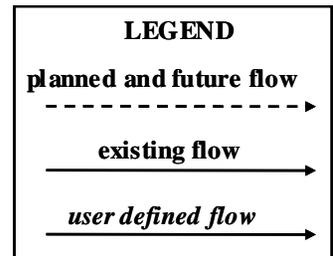
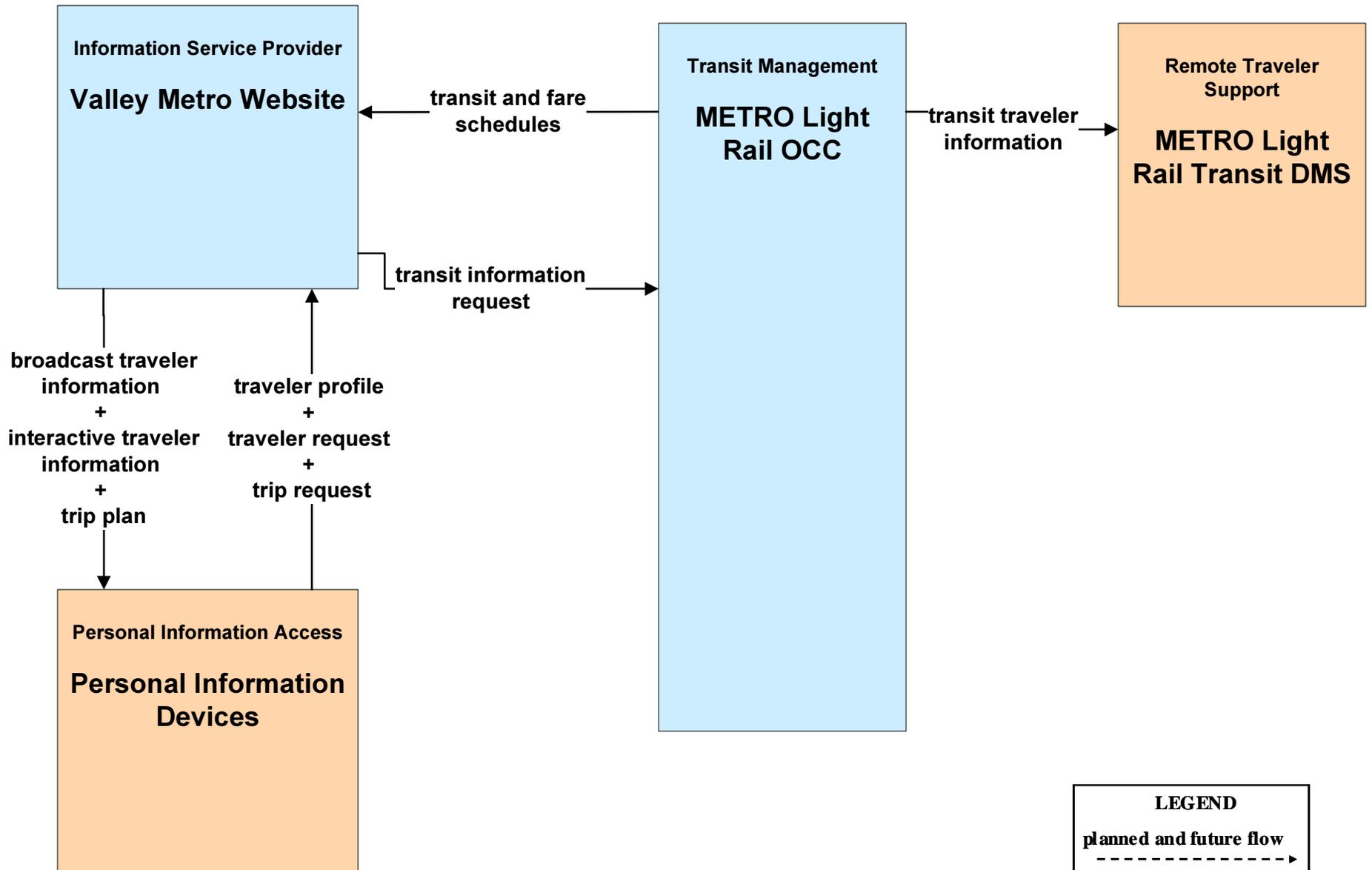


APTS08 - Transit Traveler Information Valley Metro

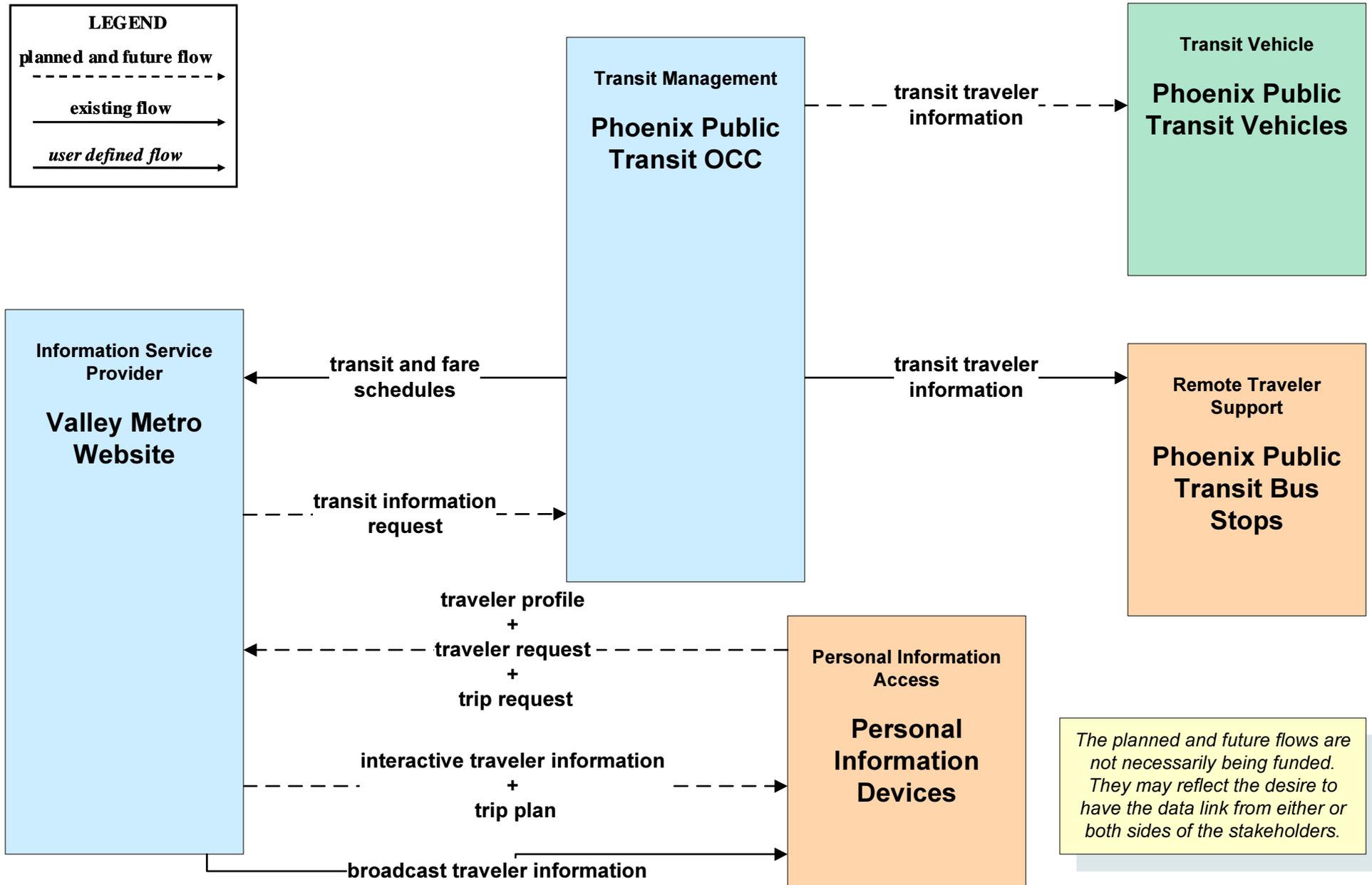
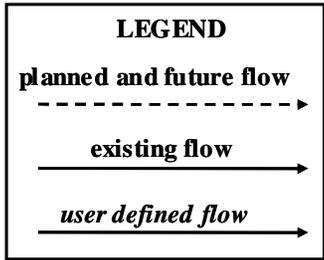
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.



APTS08 - Transit Traveler Information METRO Light Rail

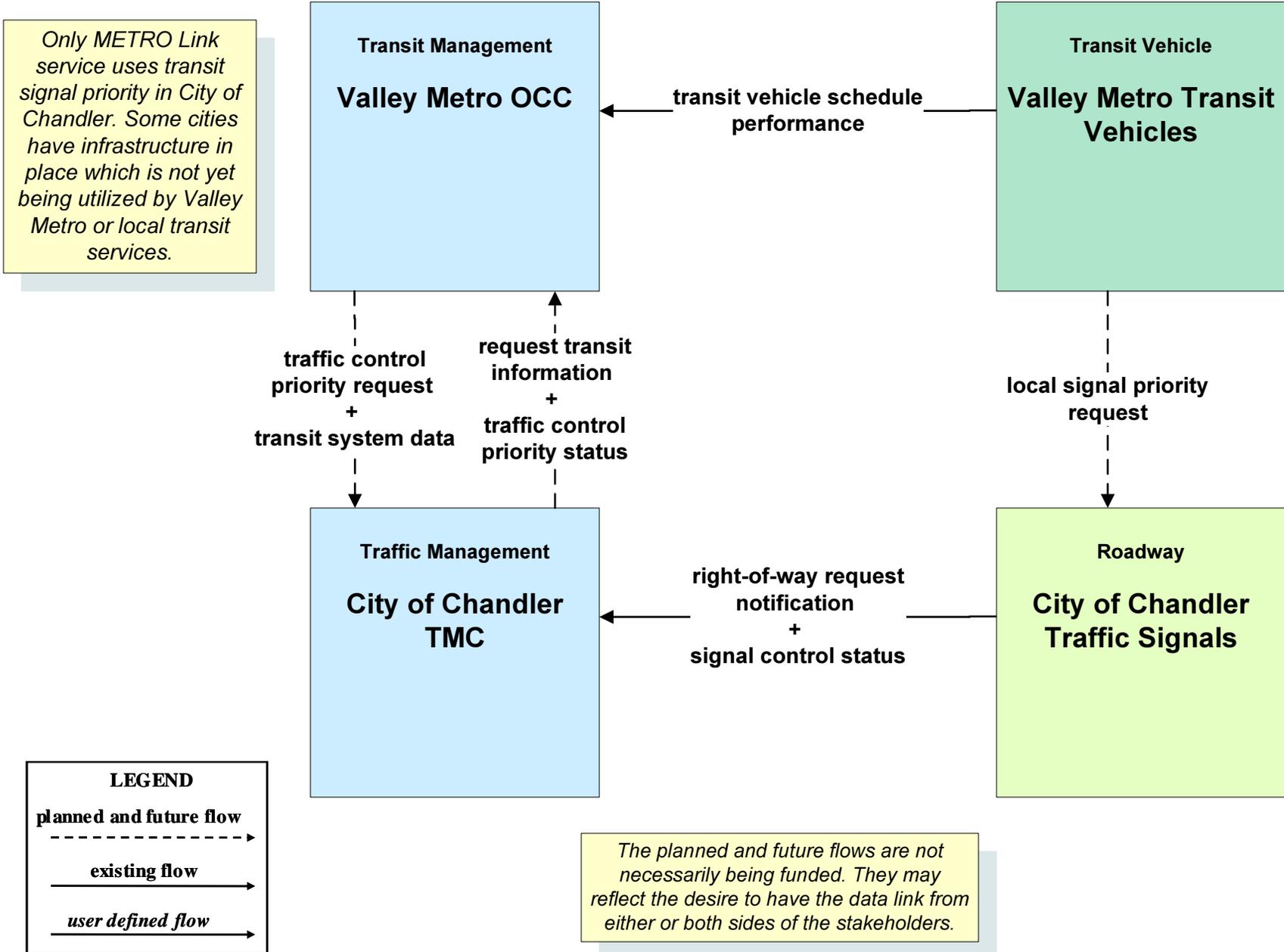


APTS08 - Transit Traveler Information Phoenix Public Transit



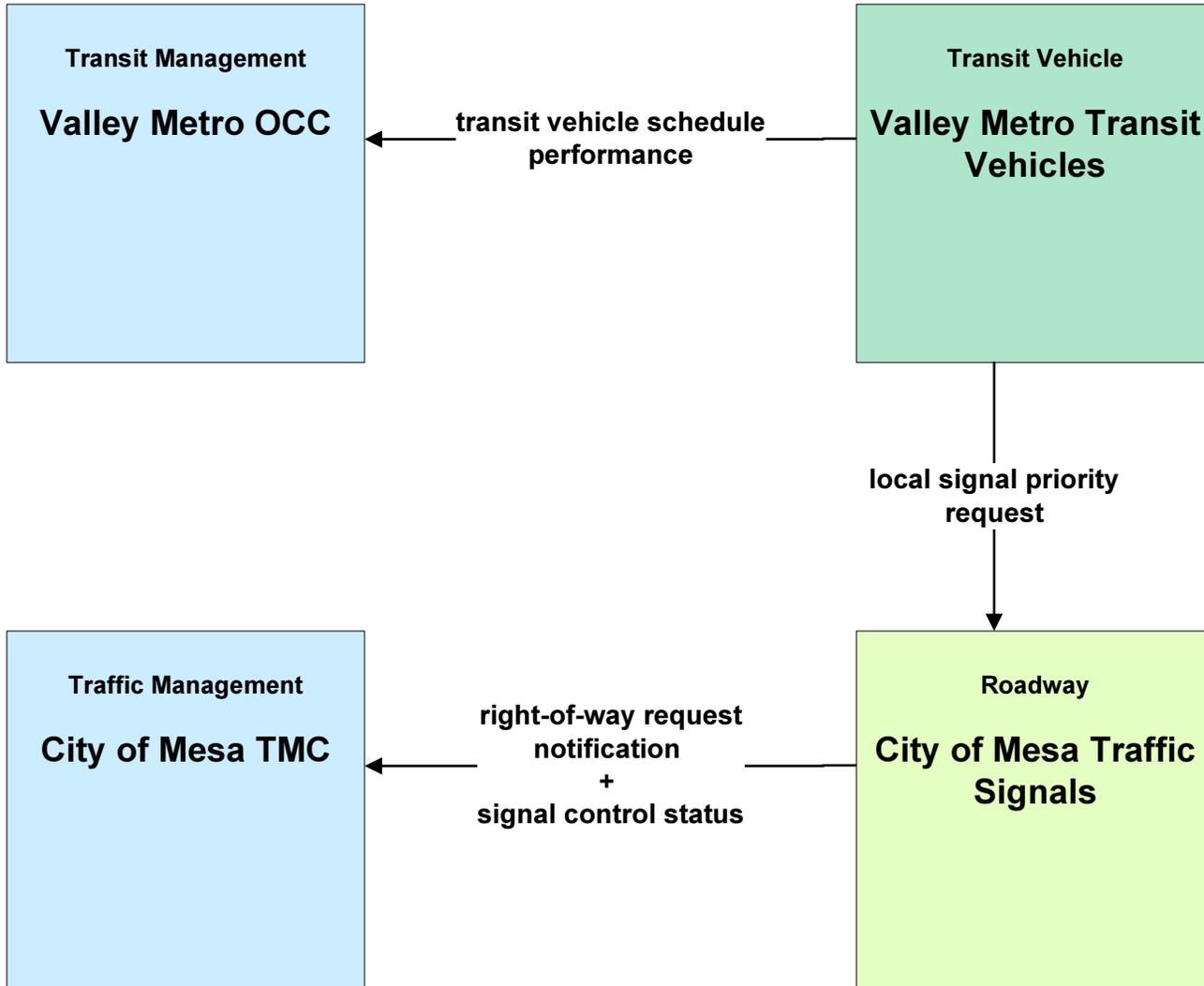
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.

APTS09 – Transit Signal Priority Valley Metro – City of Chandler



APTS09 – Transit Signal Priority Valley Metro – City of Mesa

Only METRO Link service uses transit signal priority in Mesa. Some cities have infrastructure in place which is not yet being utilized by Valley Metro or local transit services.



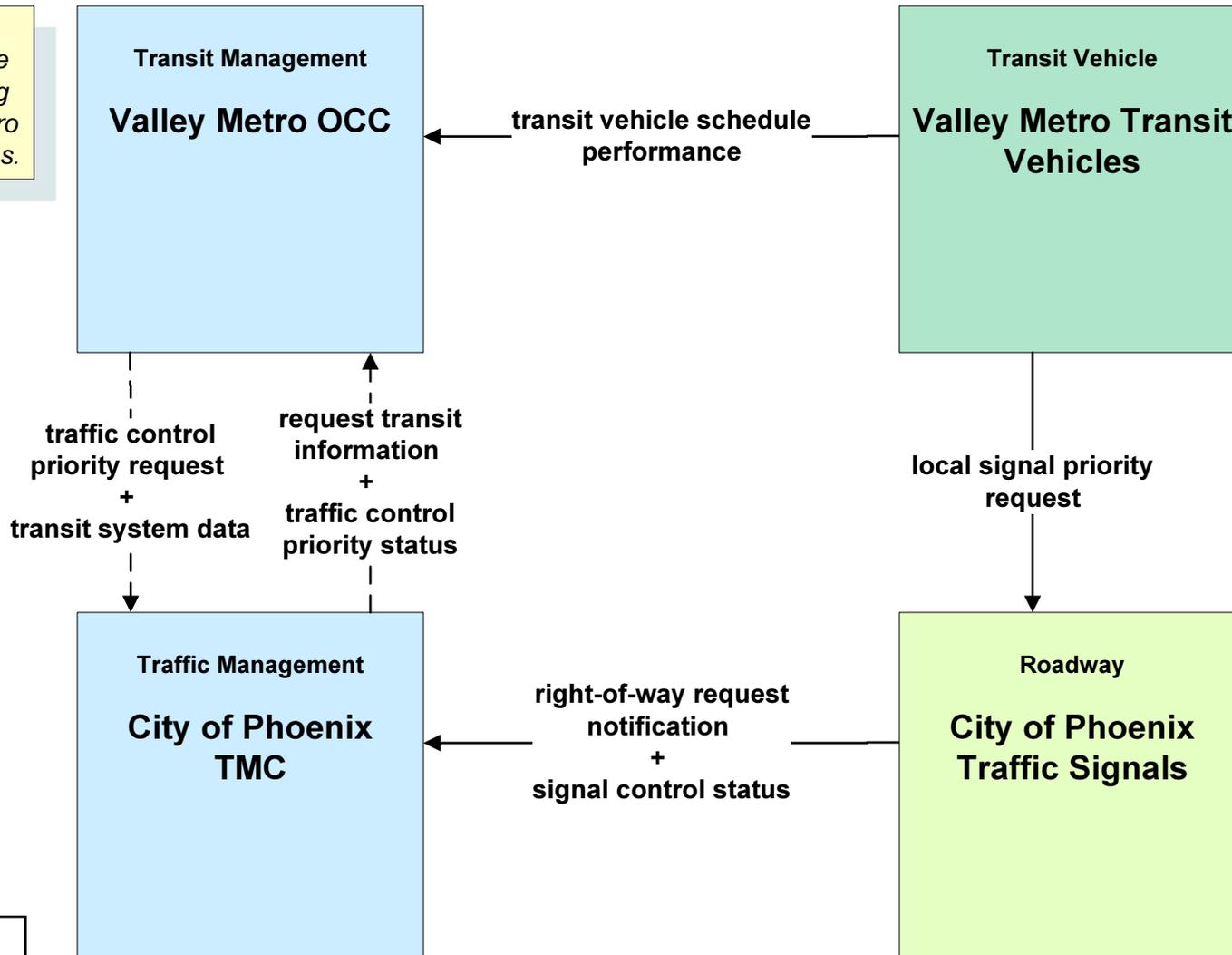
LEGEND

- 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.

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.

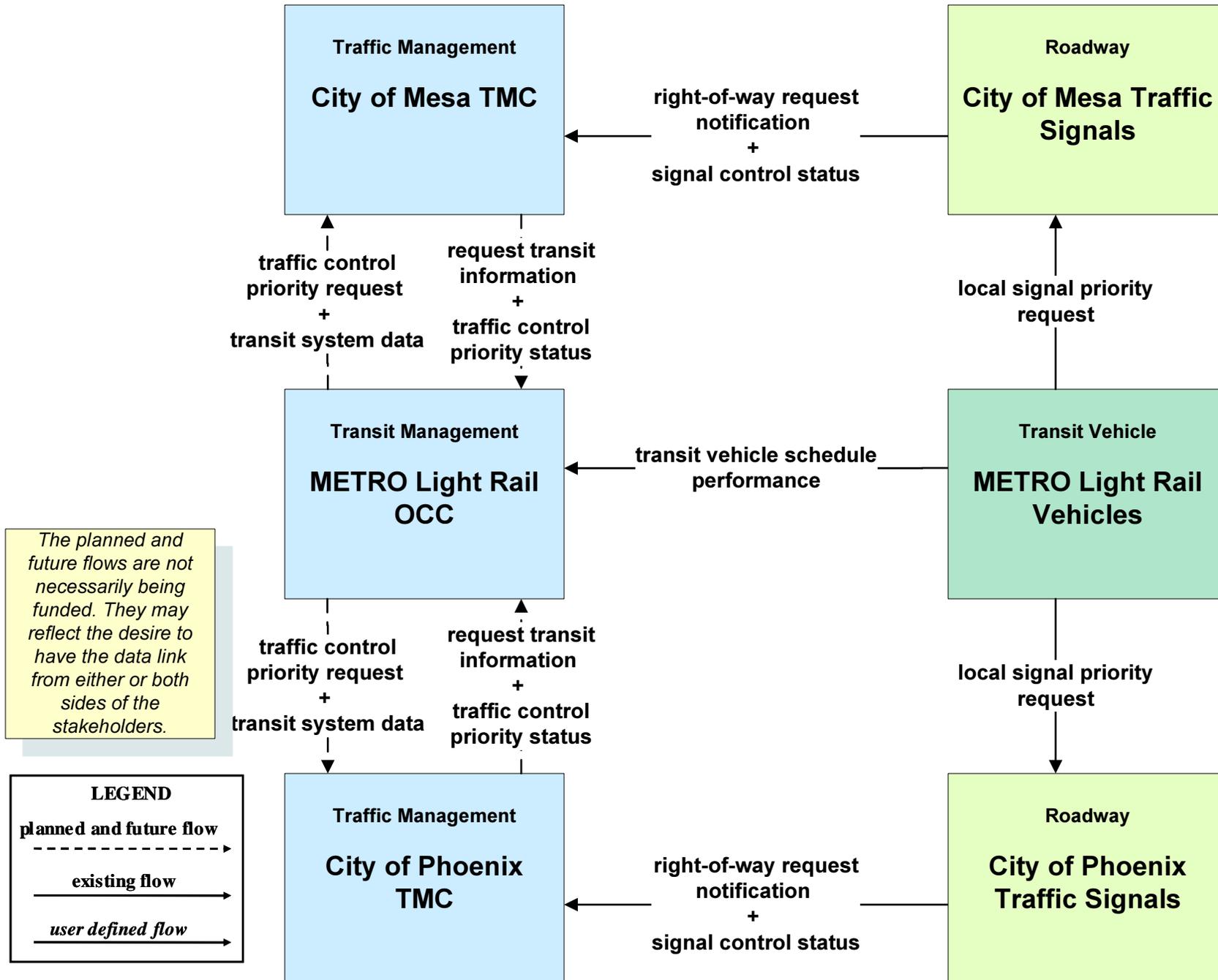


LEGEND

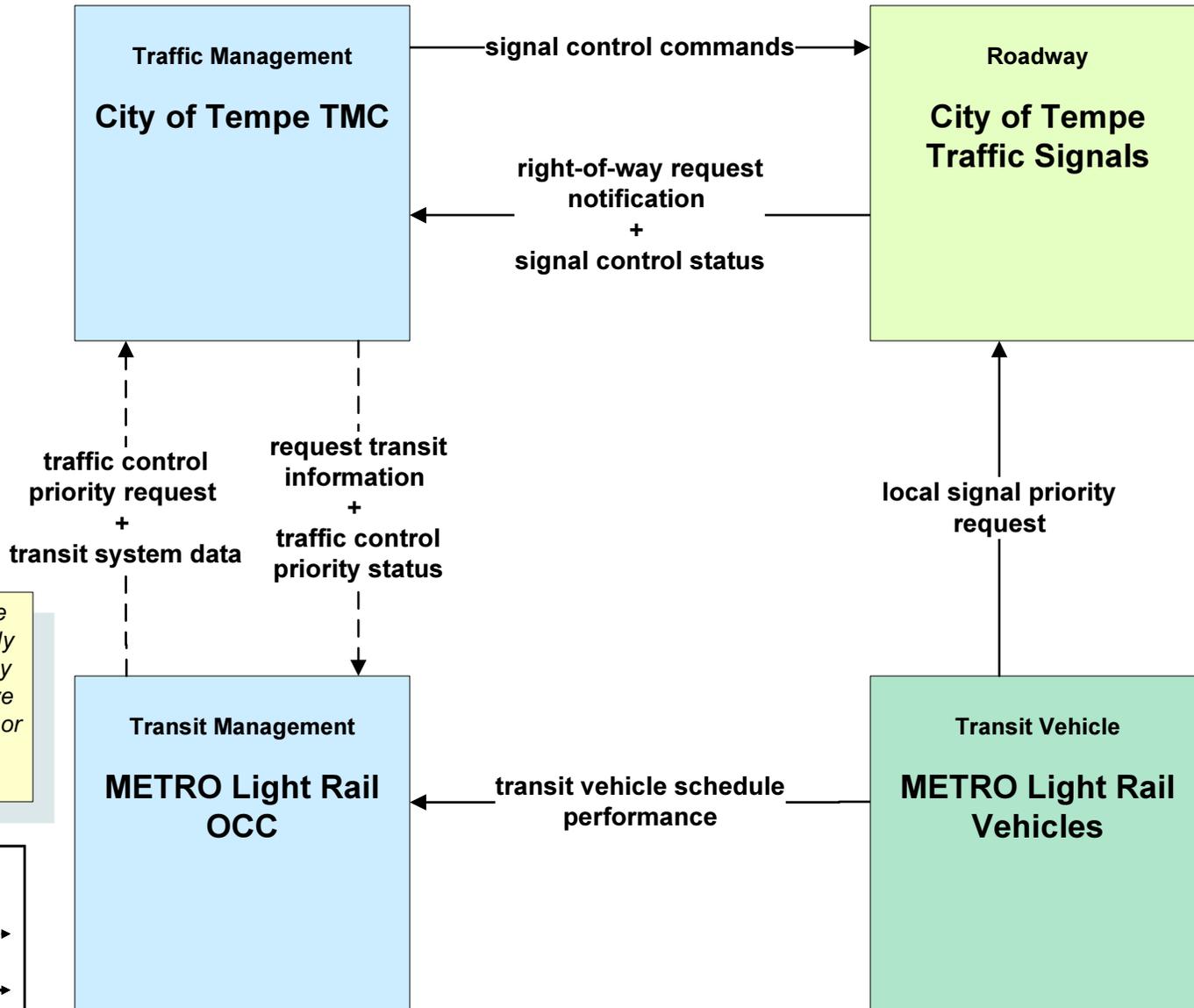
- planned and future flow* (dashed line with arrow)
- existing flow* (solid line with arrow)
- user defined flow* (solid line with wavy underline and arrow)

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.

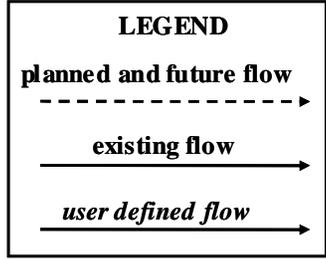
APTS09 – Transit Signal Priority METRO Light Rail – City of Mesa and City of Phoenix



APTS09 – Transit Signal Priority METRO Light Rail – City of Tempe

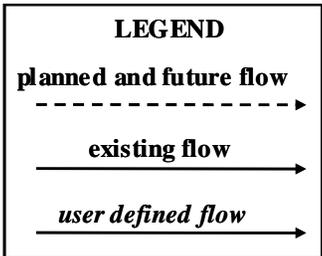
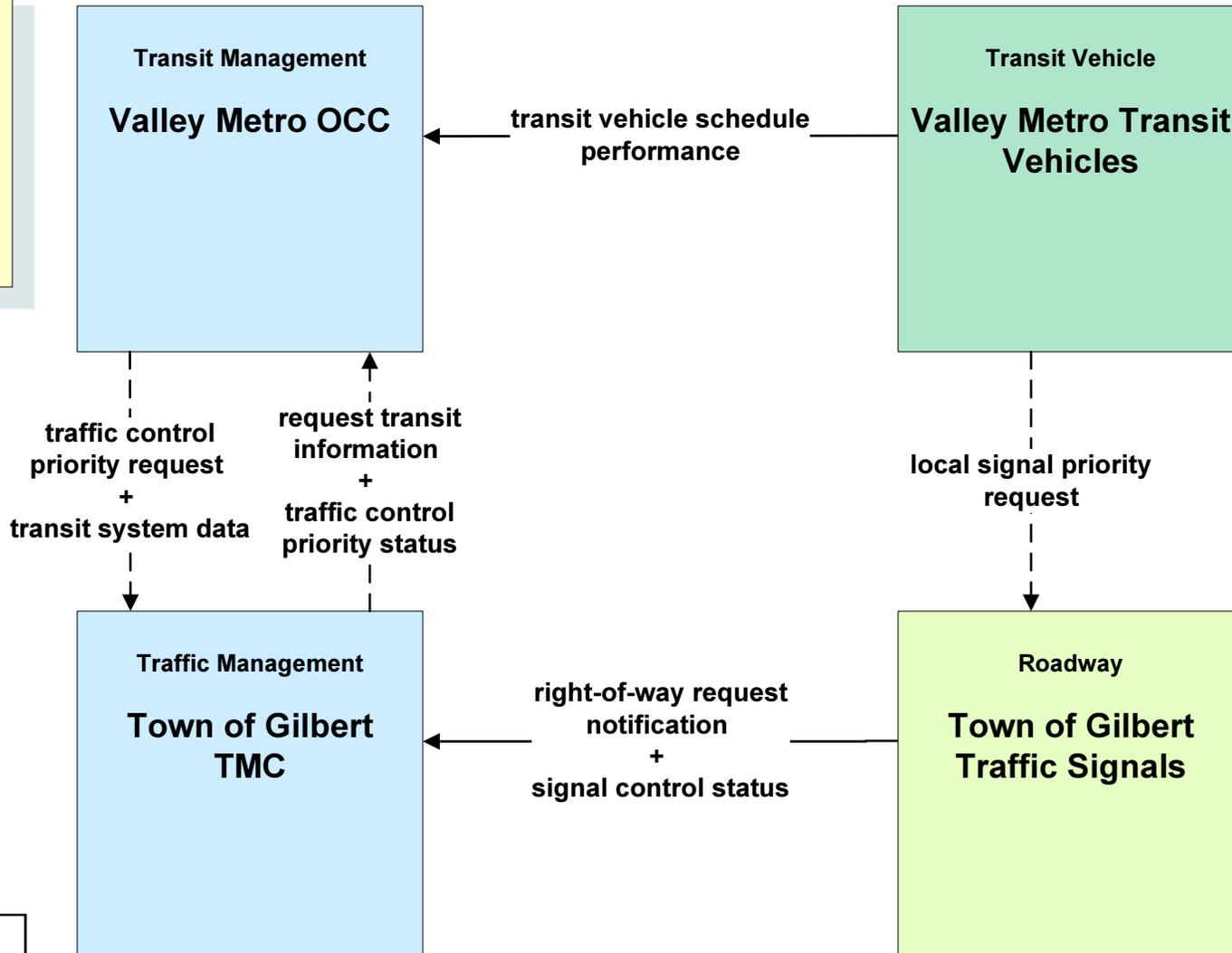


The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.



APTS09 – Transit Signal Priority Valley Metro – Town of Gilbert

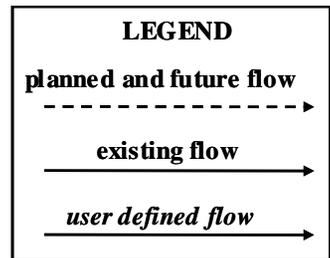
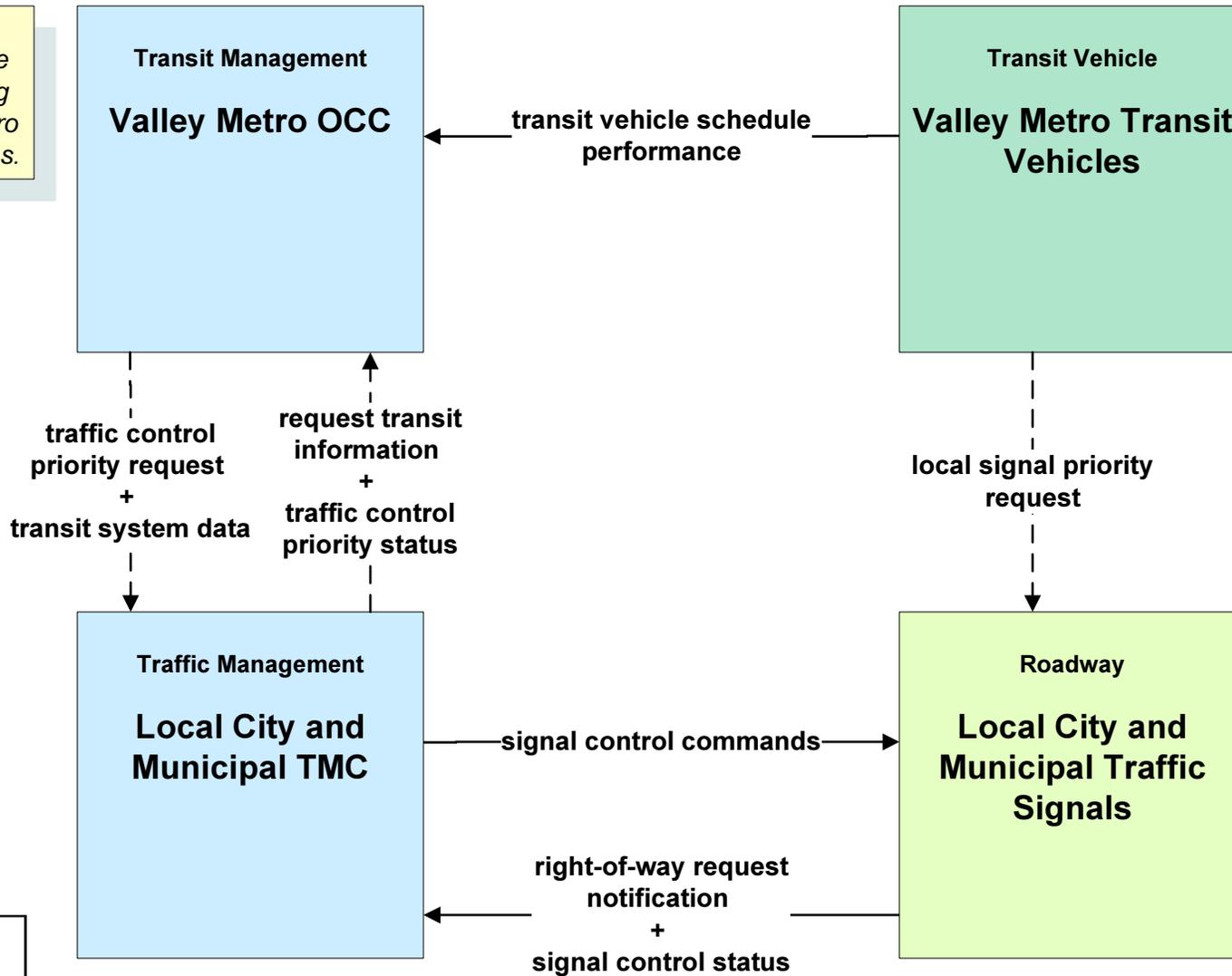
Only METRO Link service uses transit signal priority in Gilbert. Many cities have infrastructure in place which is not yet being utilized by Valley Metro or local transit services.



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.

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

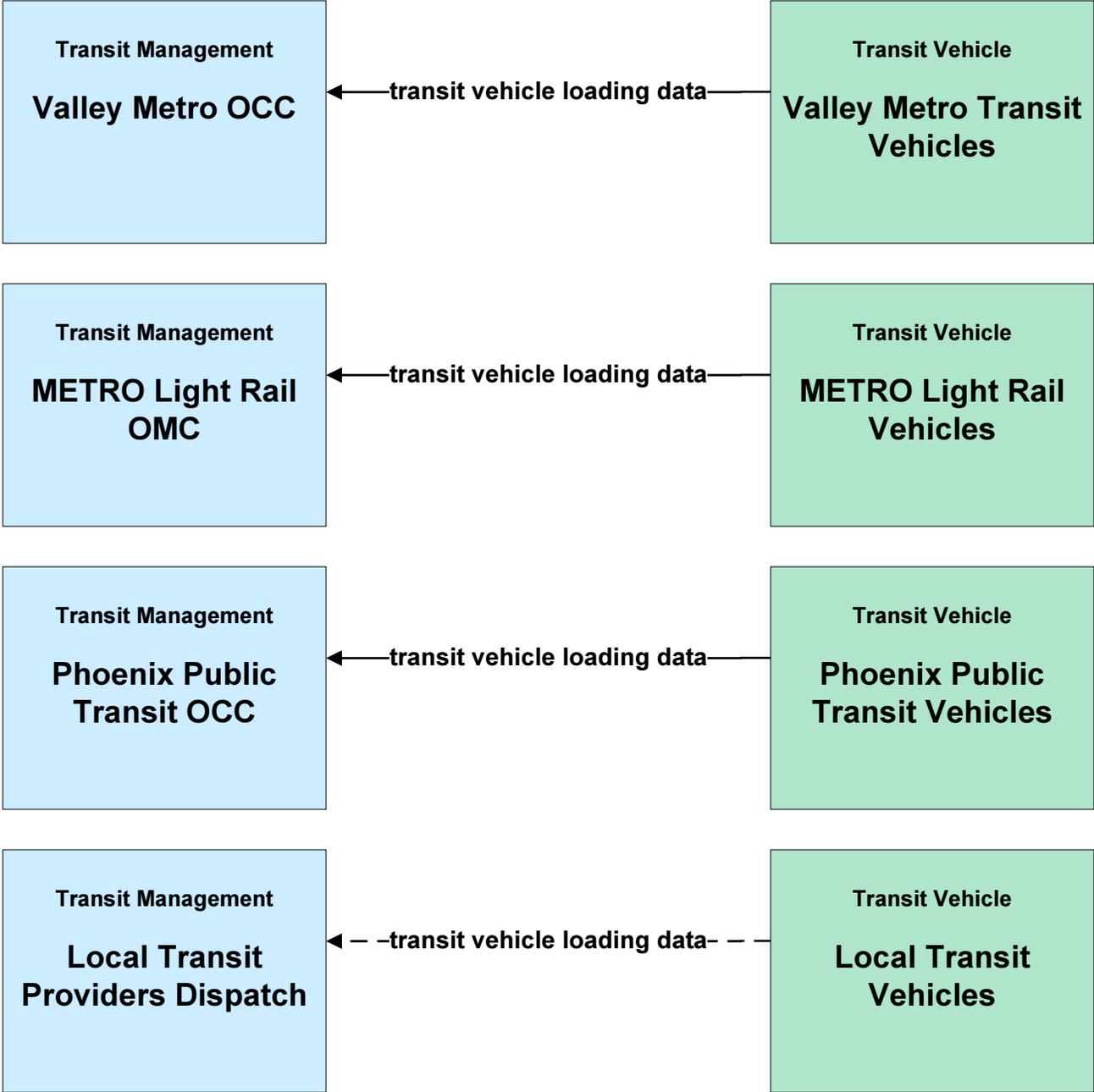
Many cities have infrastructure in place which is not yet being utilized by Valley Metro or local transit services.



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.

APTS10 – Transit Passenger Counting Area Transit Providers

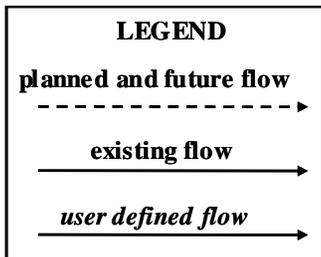
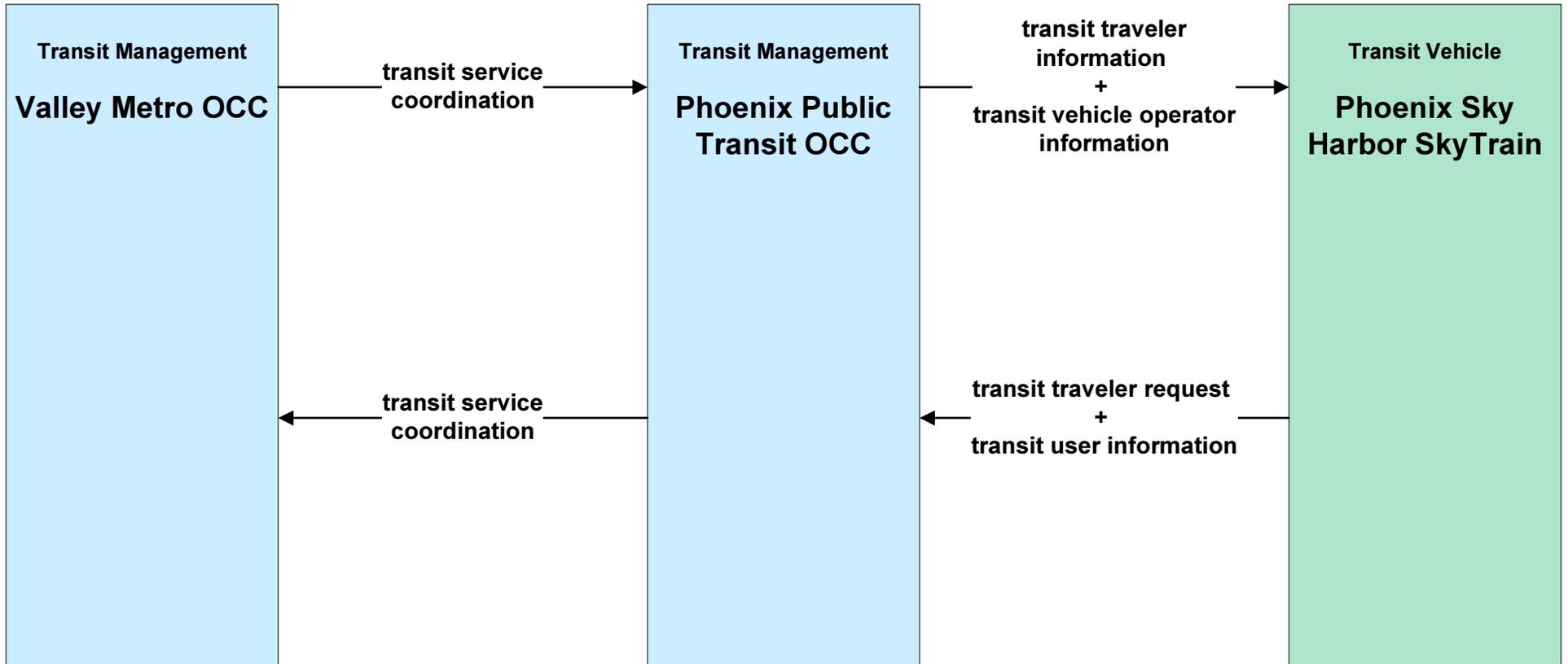
The planned and future flows are not necessarily being funded. They may reflect the desire to have the data link from either or both sides of the stakeholders.



LEGEND

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

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



APTS11 – Multimodal Connection Protection Area Transit Providers

