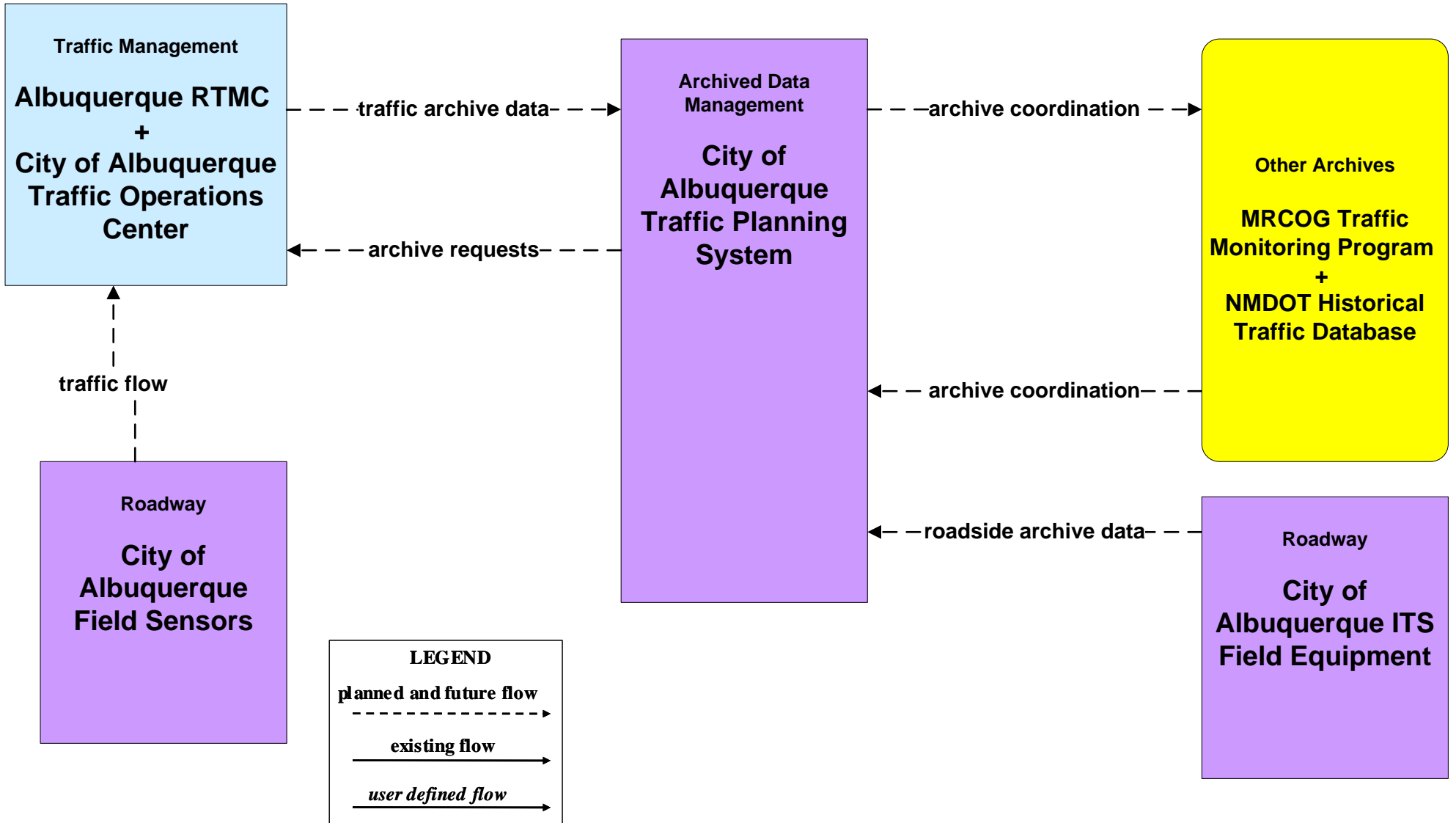
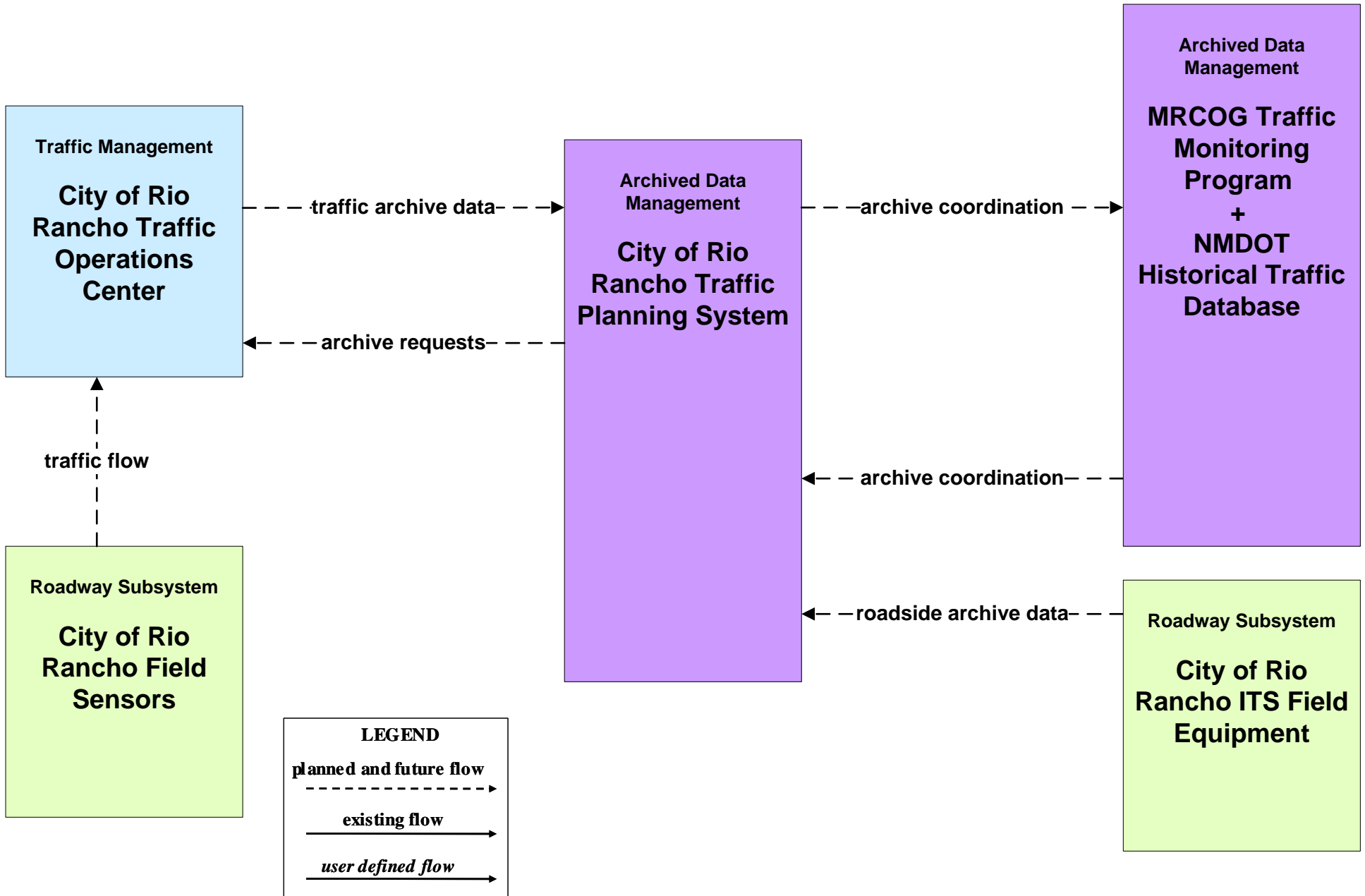


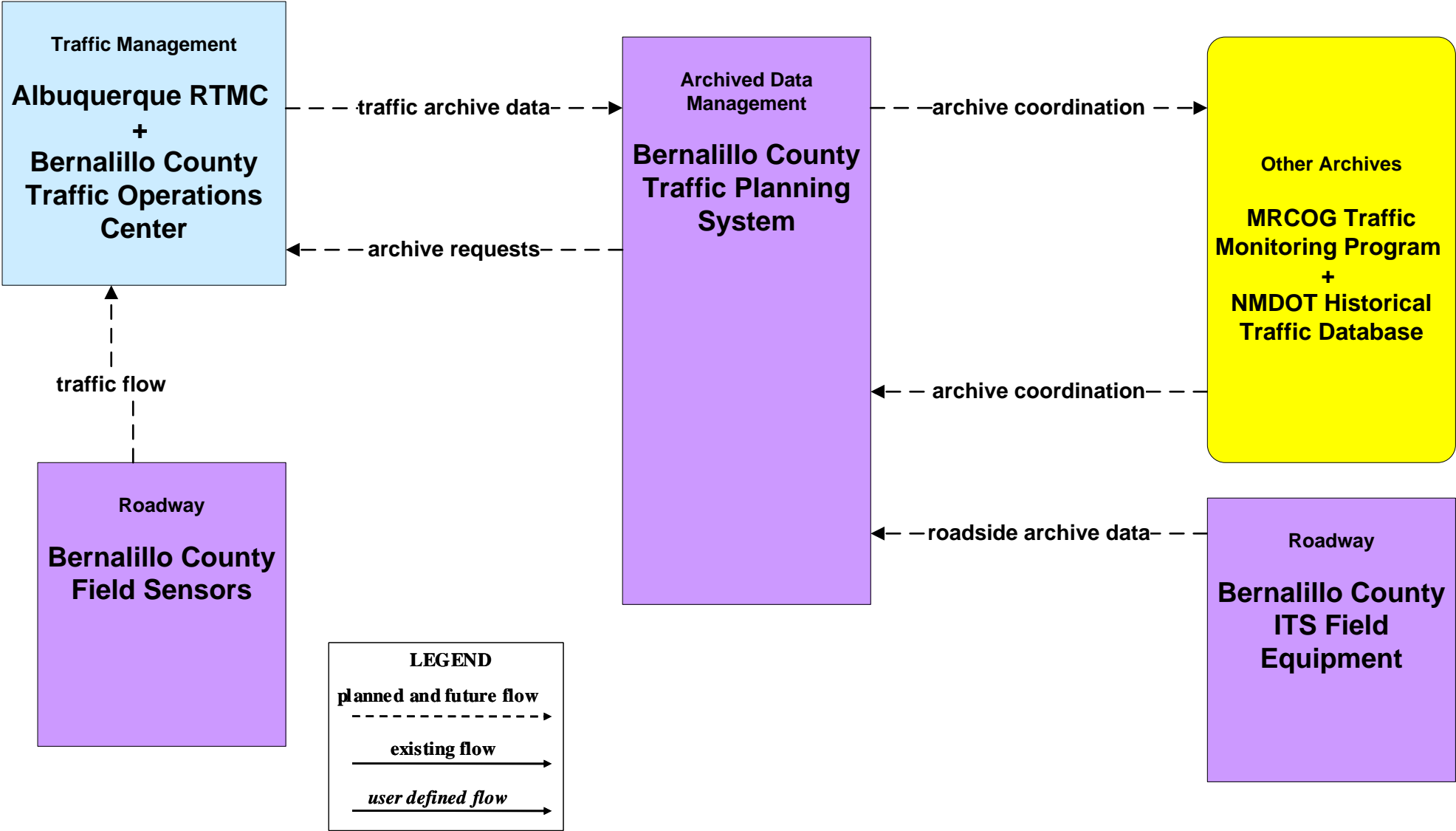
AD1 - ITS Data Mart
City of Albuquerque Traffic Planning System



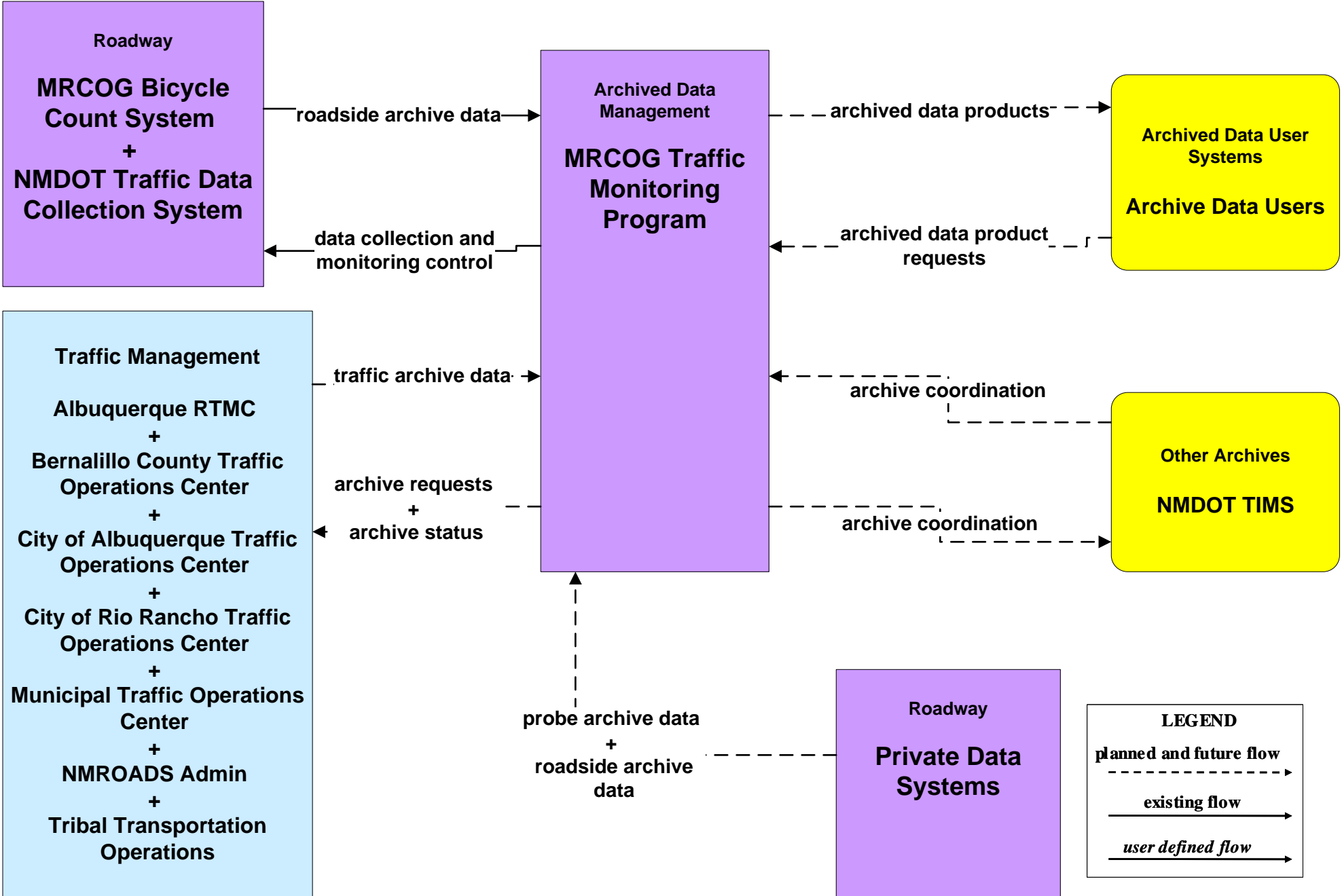
AD1 - ITS Data Mart
City of Rio Rancho Traffic Planning System



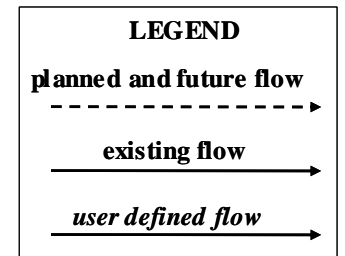
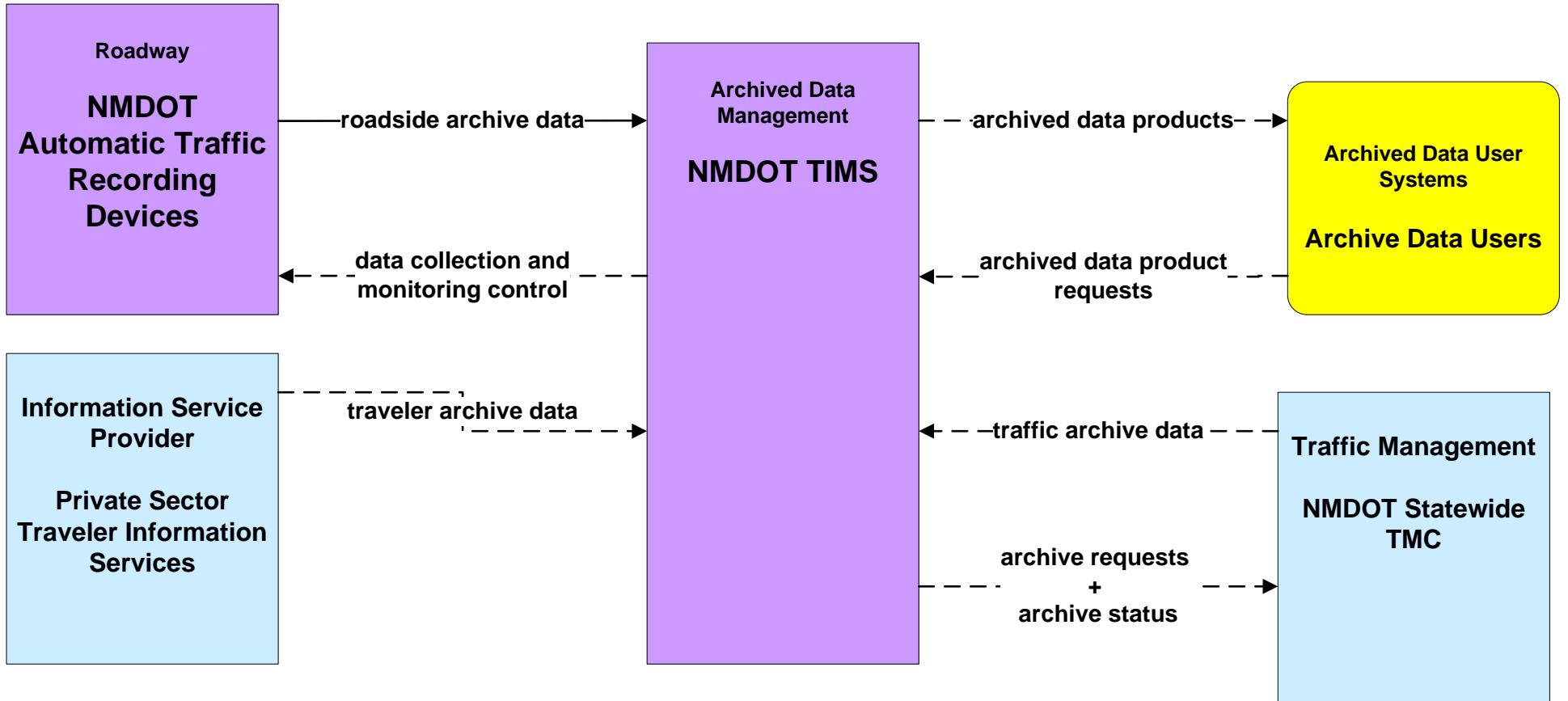
**AD1 - ITS Data Mart
Bernalillo County Traffic Planning System**



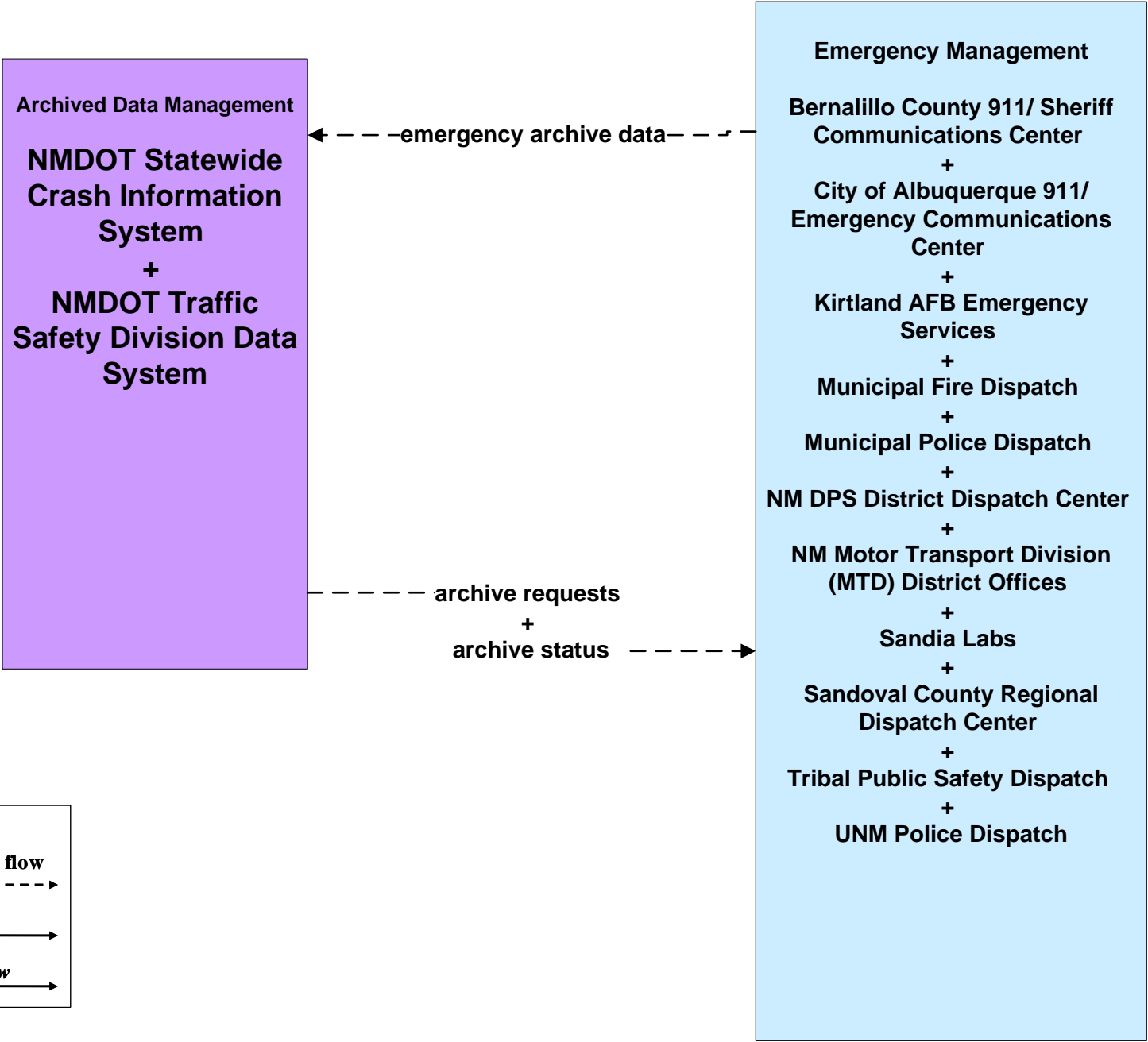
AD1 - ITS Data Mart
MRCOG Consolidated Traffic Counting System



**AD1 - ITS Data Mart
NMDOT TIMS**



**AD1 - ITS Data Mart
NMDOT Traffic Safety**



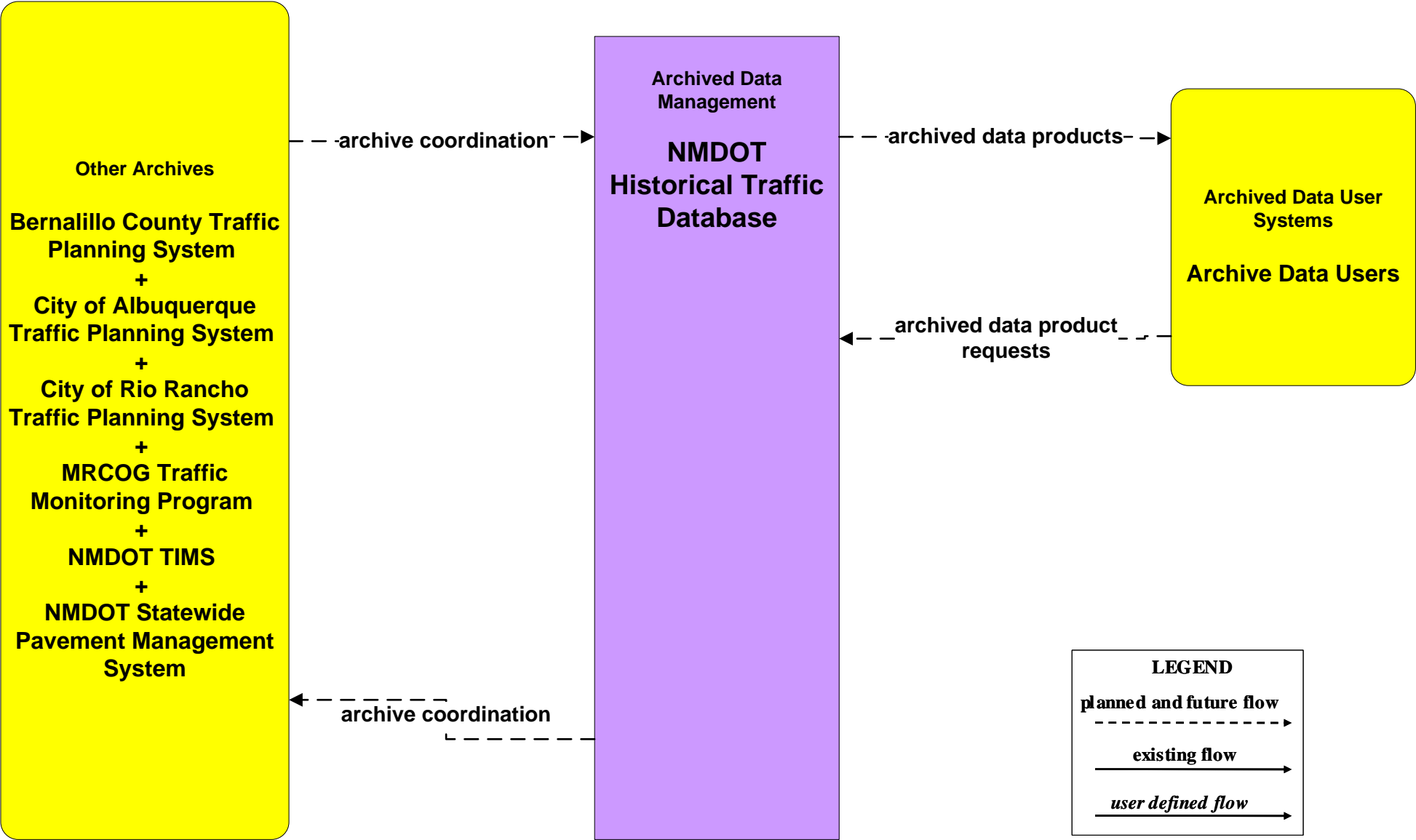
LEGEND

planned and future flow
----->

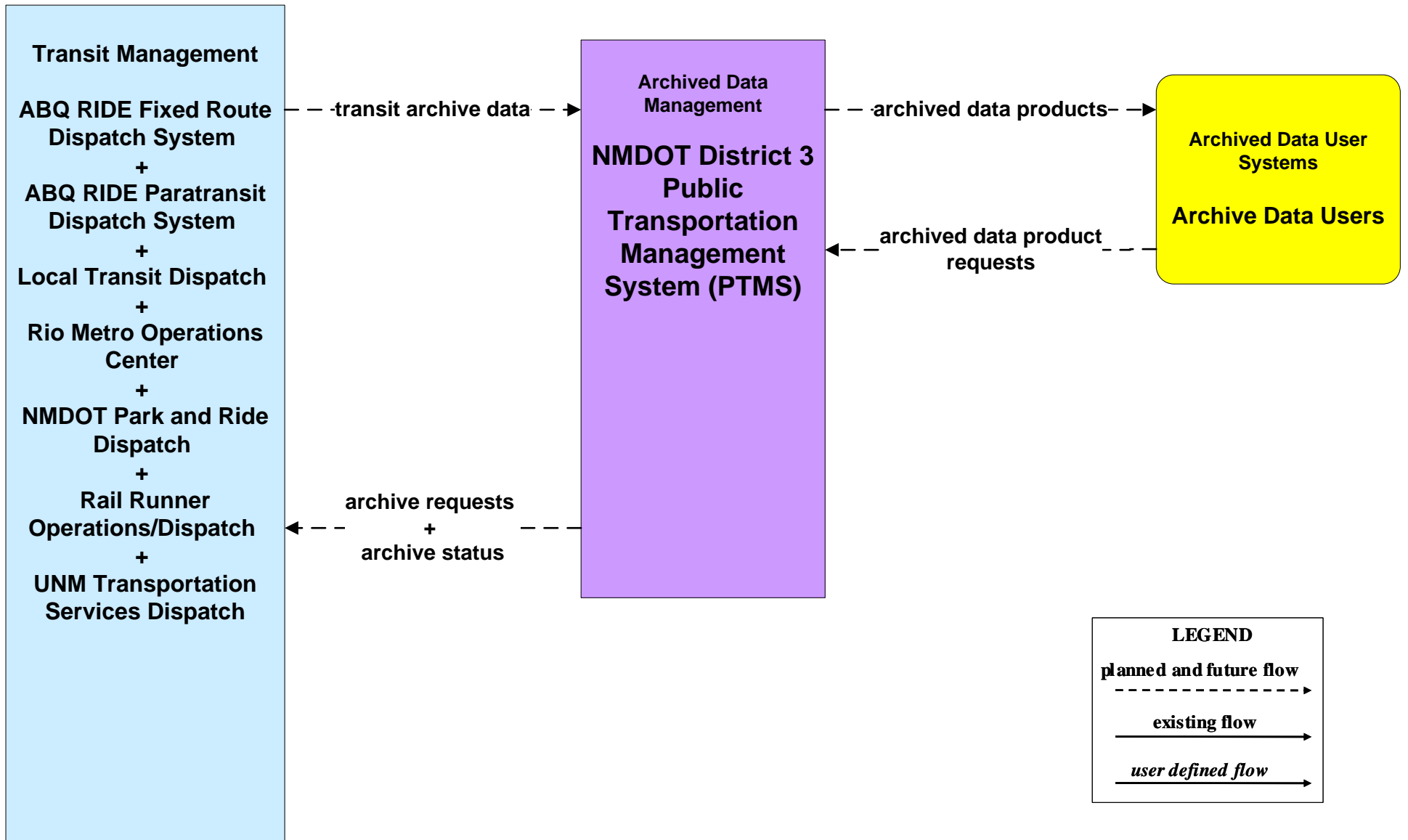
existing flow
—————>

user defined flow
—————>

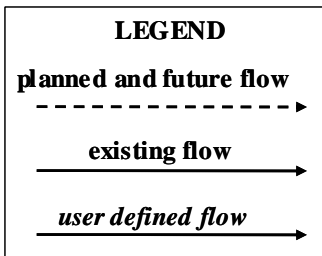
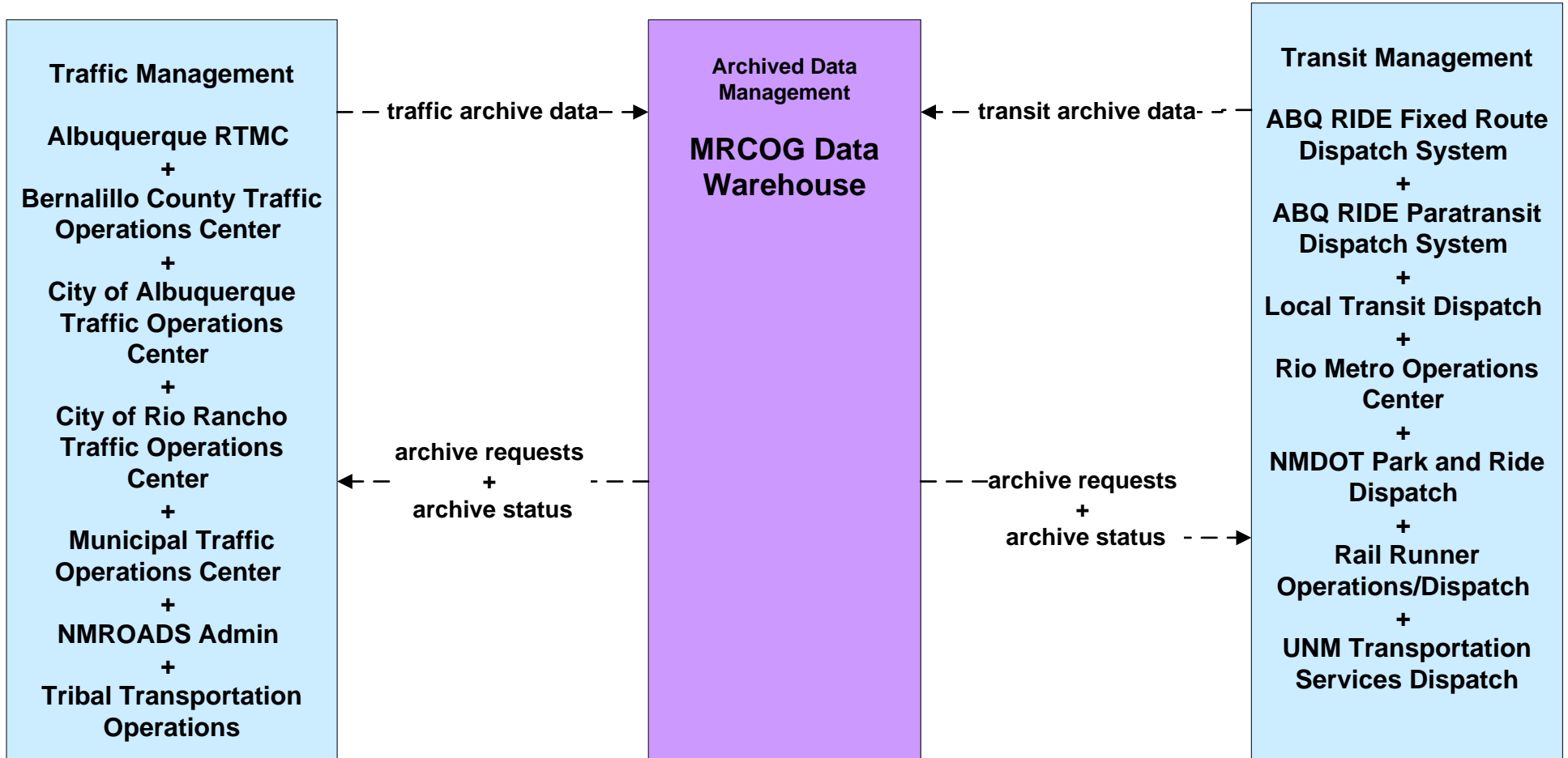
**AD1 - ITS Data Mart
NMDOT Historical Traffic Database**



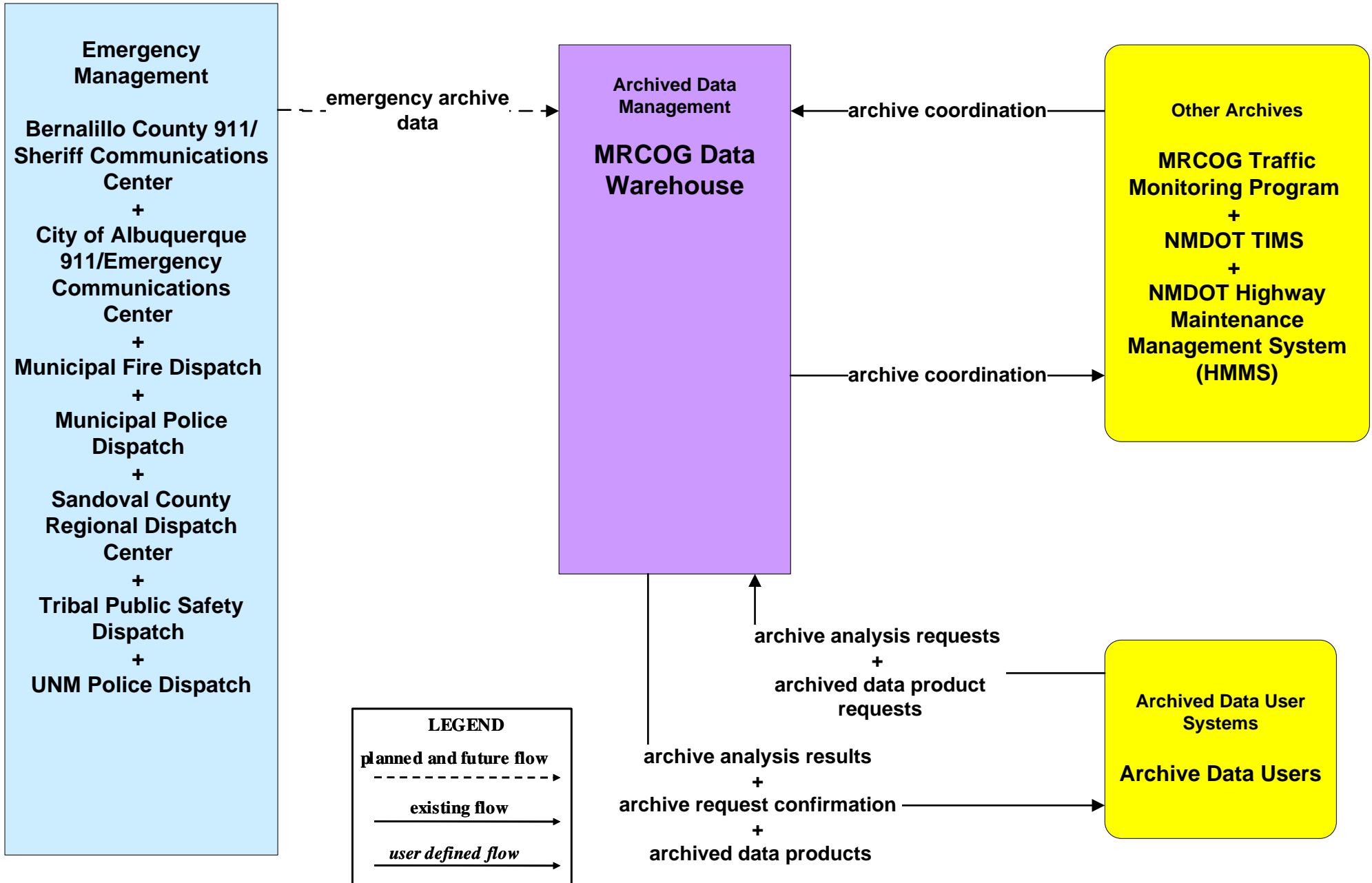
AD1 - ITS Data Mart
NMDOT Public Transportation Management System (PTMS)



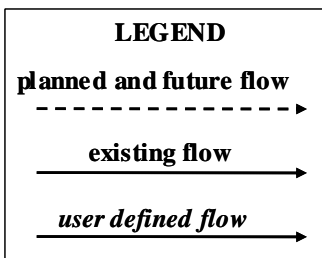
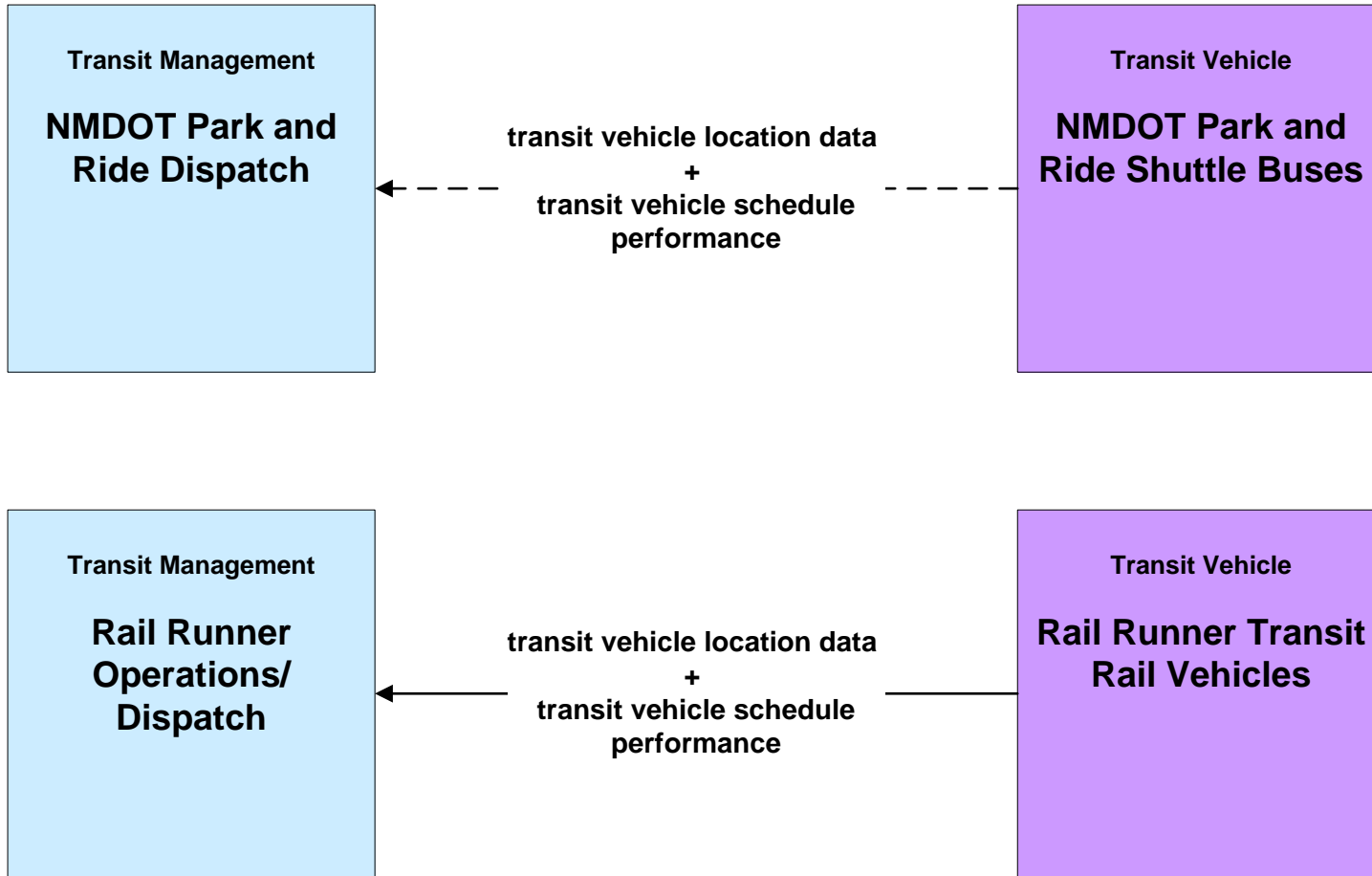
**AD2 - ITS Data Warehouse
MRCOG Data Warehouse (1 of 2)**



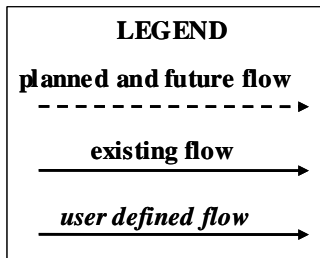
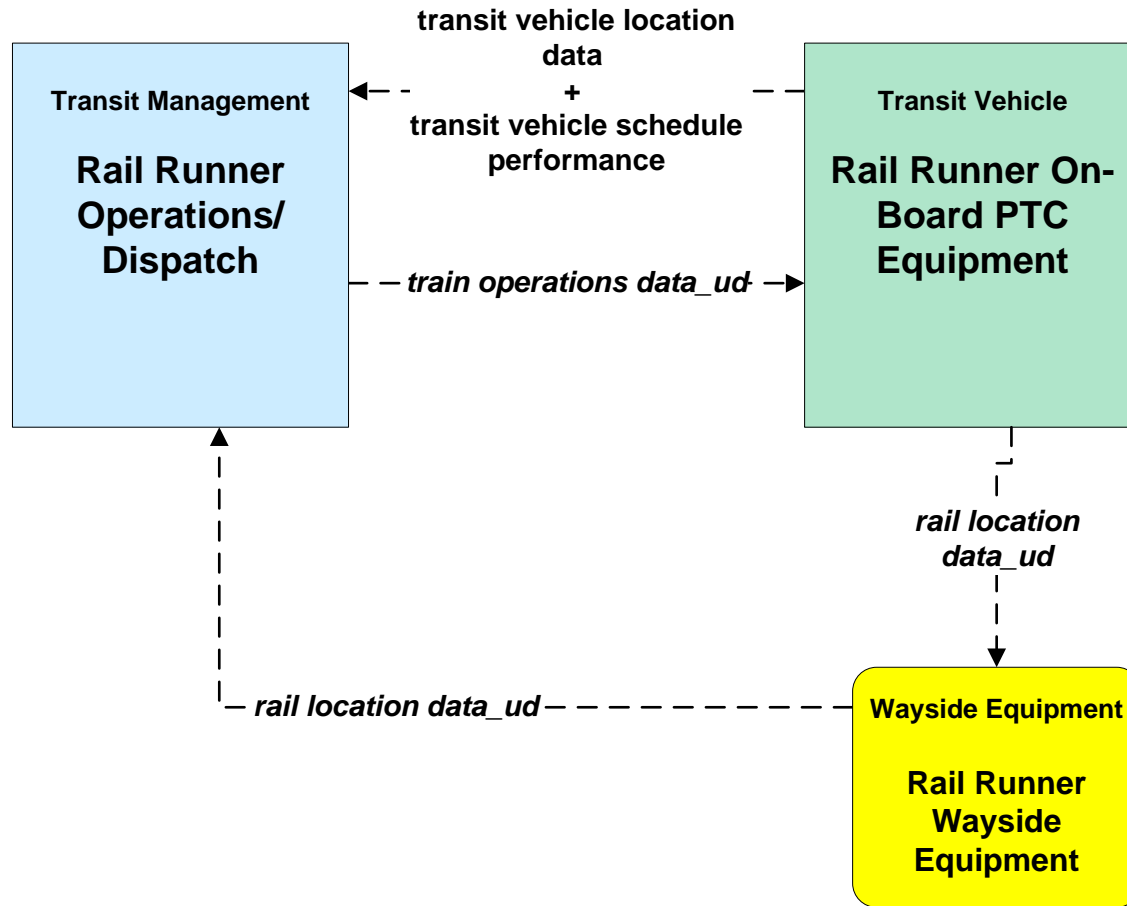
**AD2 - ITS Data Warehouse
MRCOG Data Warehouse (2 of 2)**



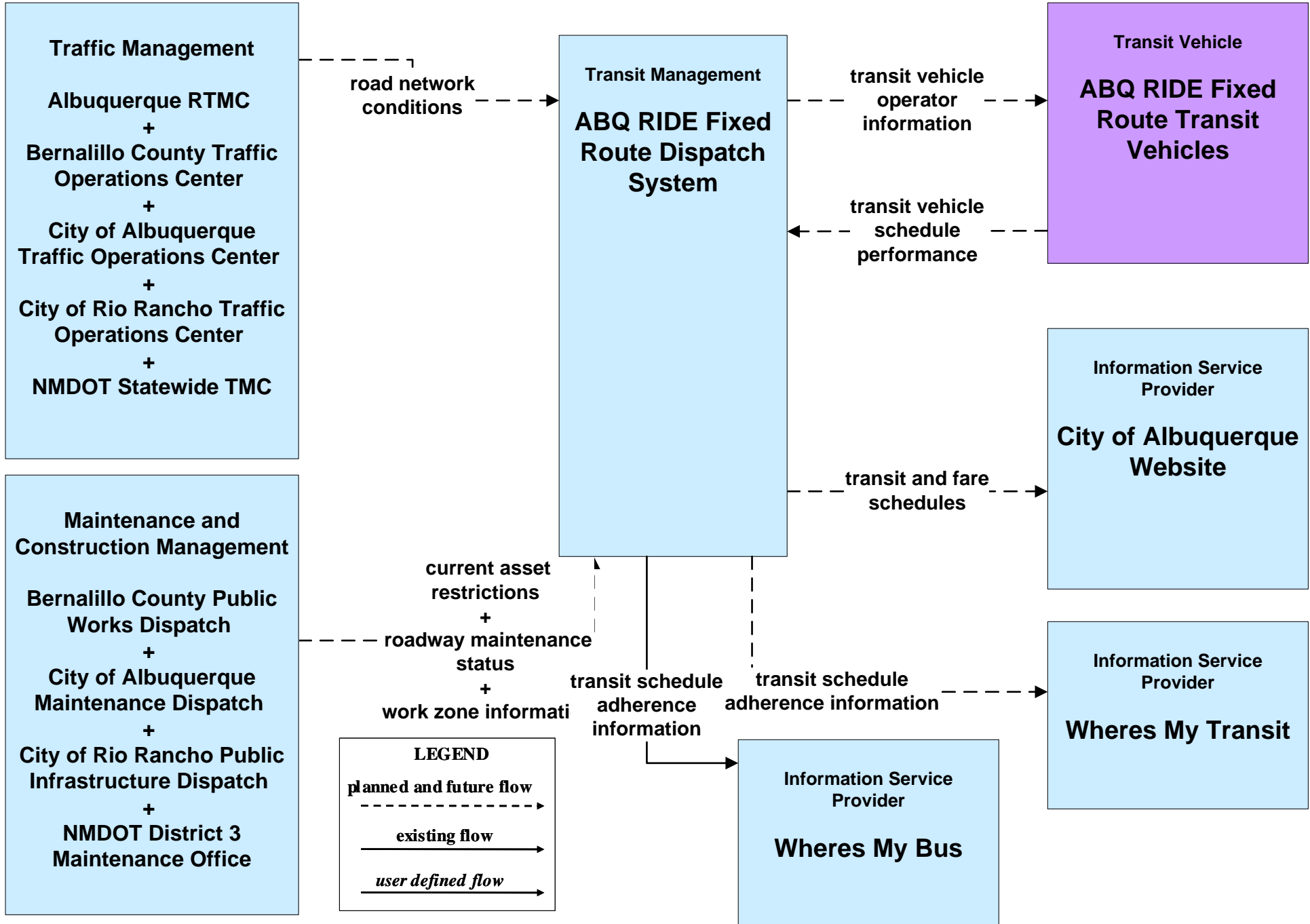
**APTS01 - Transit Vehicle Tracking
NMDOT/ Rail Runner**



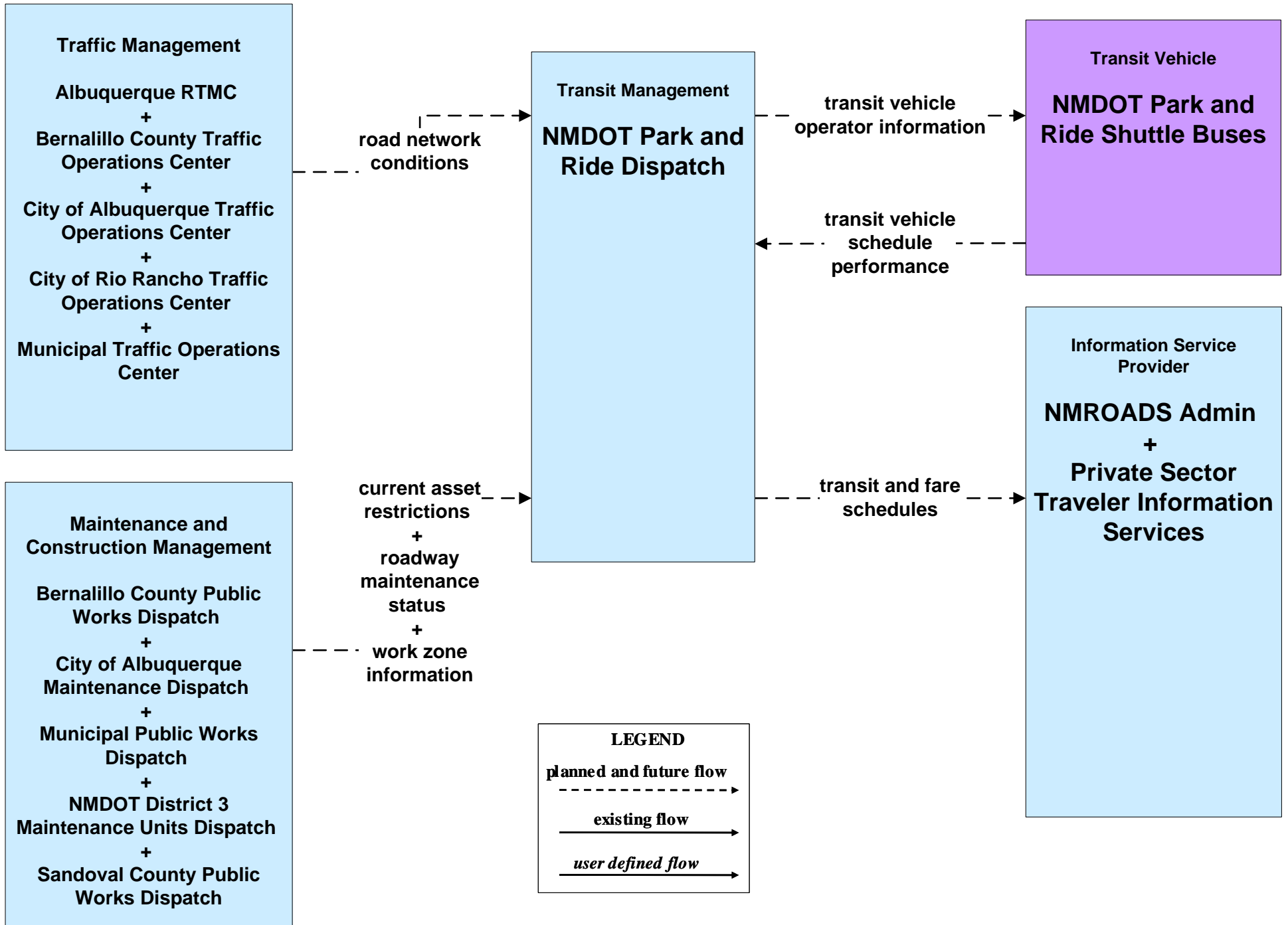
APTS01 - Transit Vehicle Tracking Rail Runner PTC



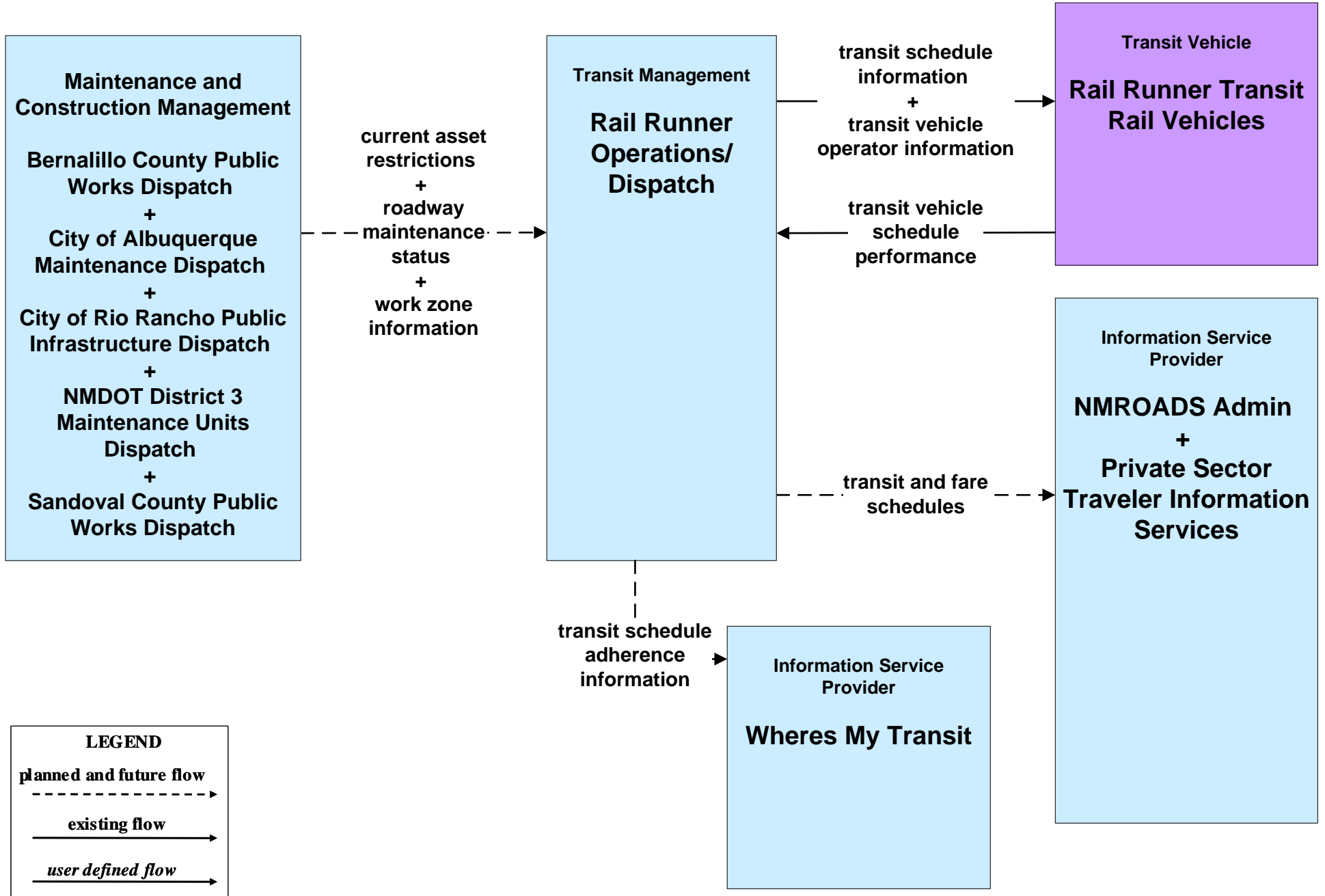
APTS02 - Transit Fixed-Route Operations City of Albuquerque Transit



APTS02 - Transit Fixed-Route Operations NMDOT Park and Ride

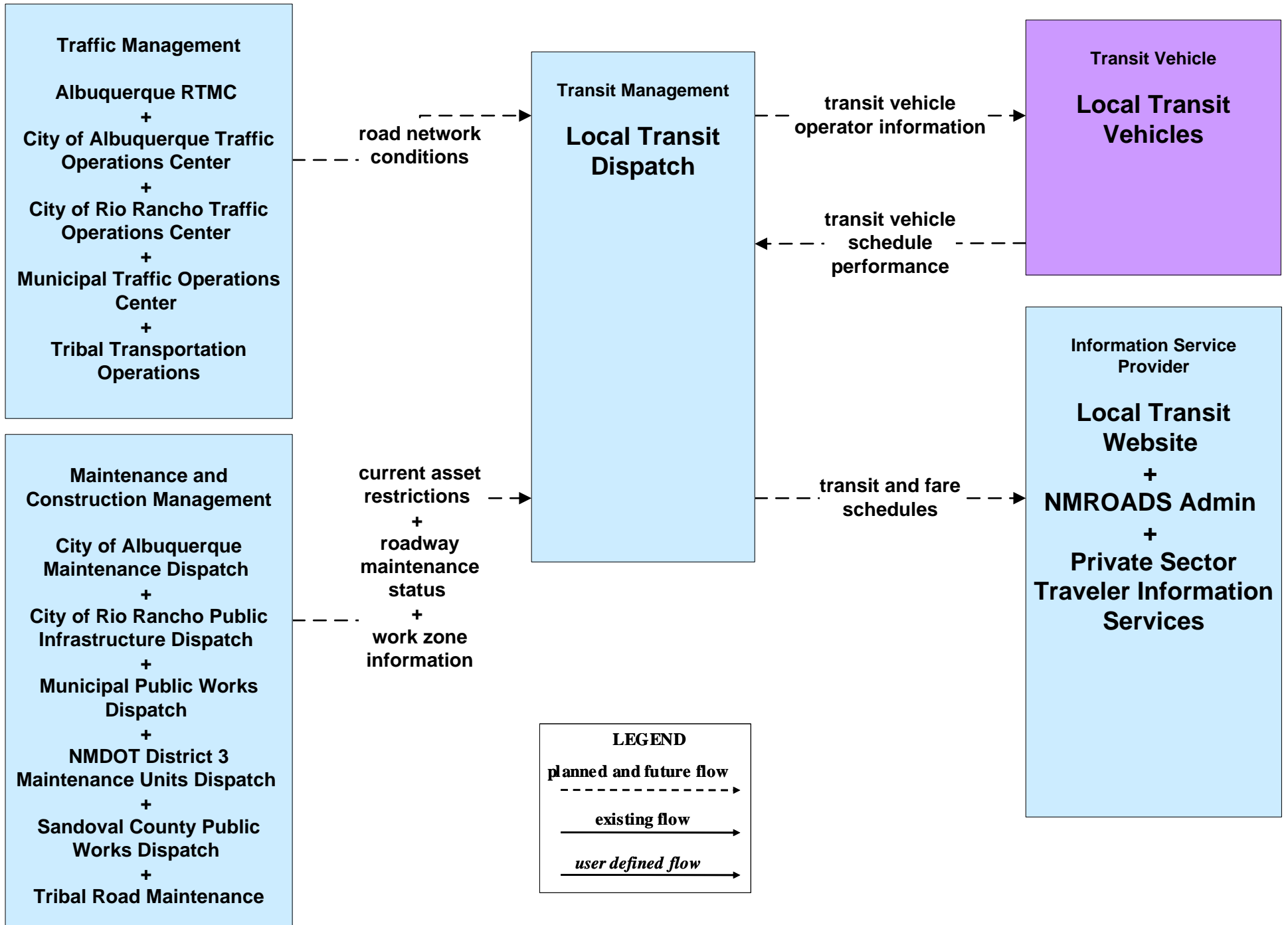


APTS02 - Transit Fixed-Route Operations Rail Runner Operations

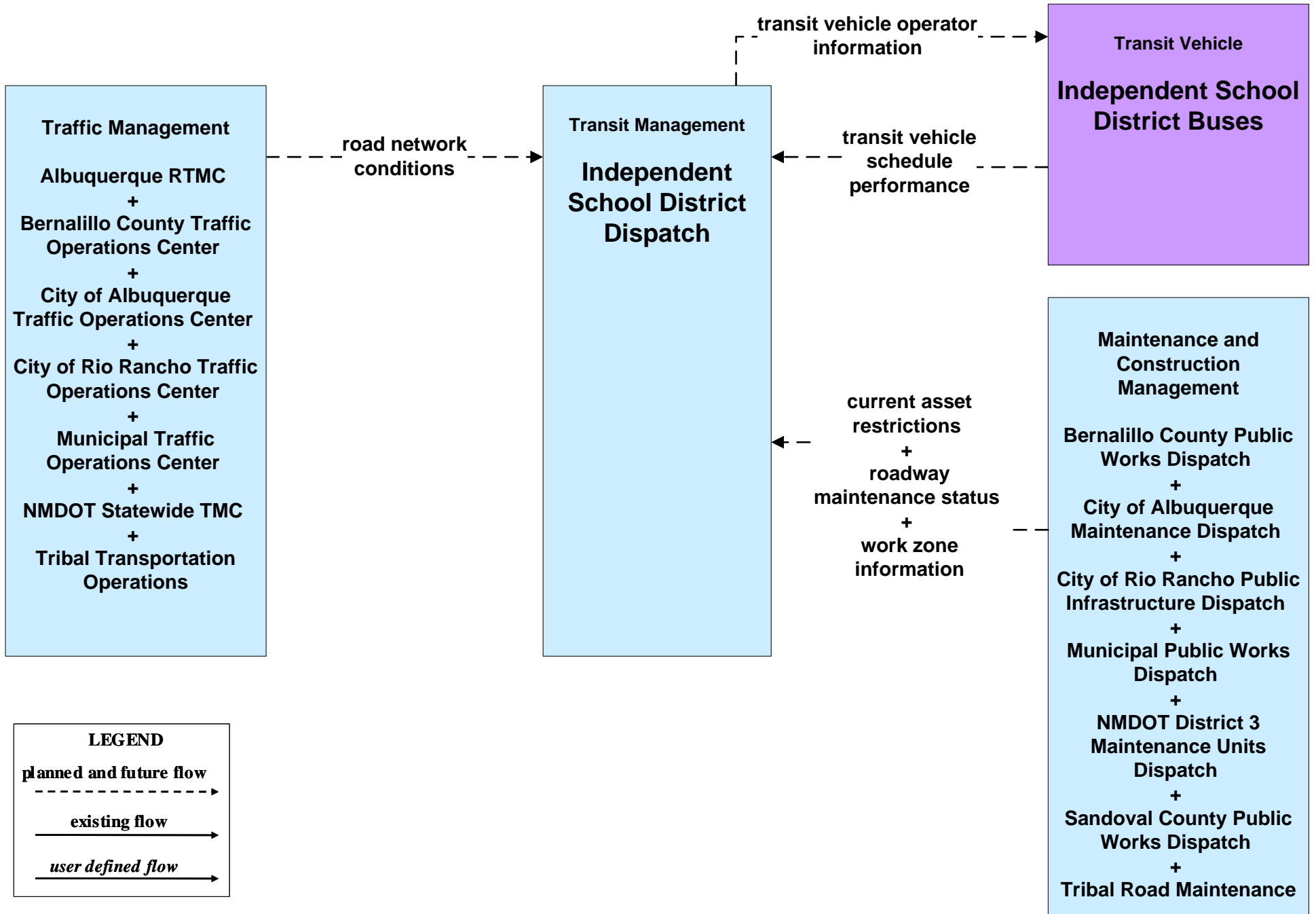


APTS02 - Transit Fixed-Route Operations

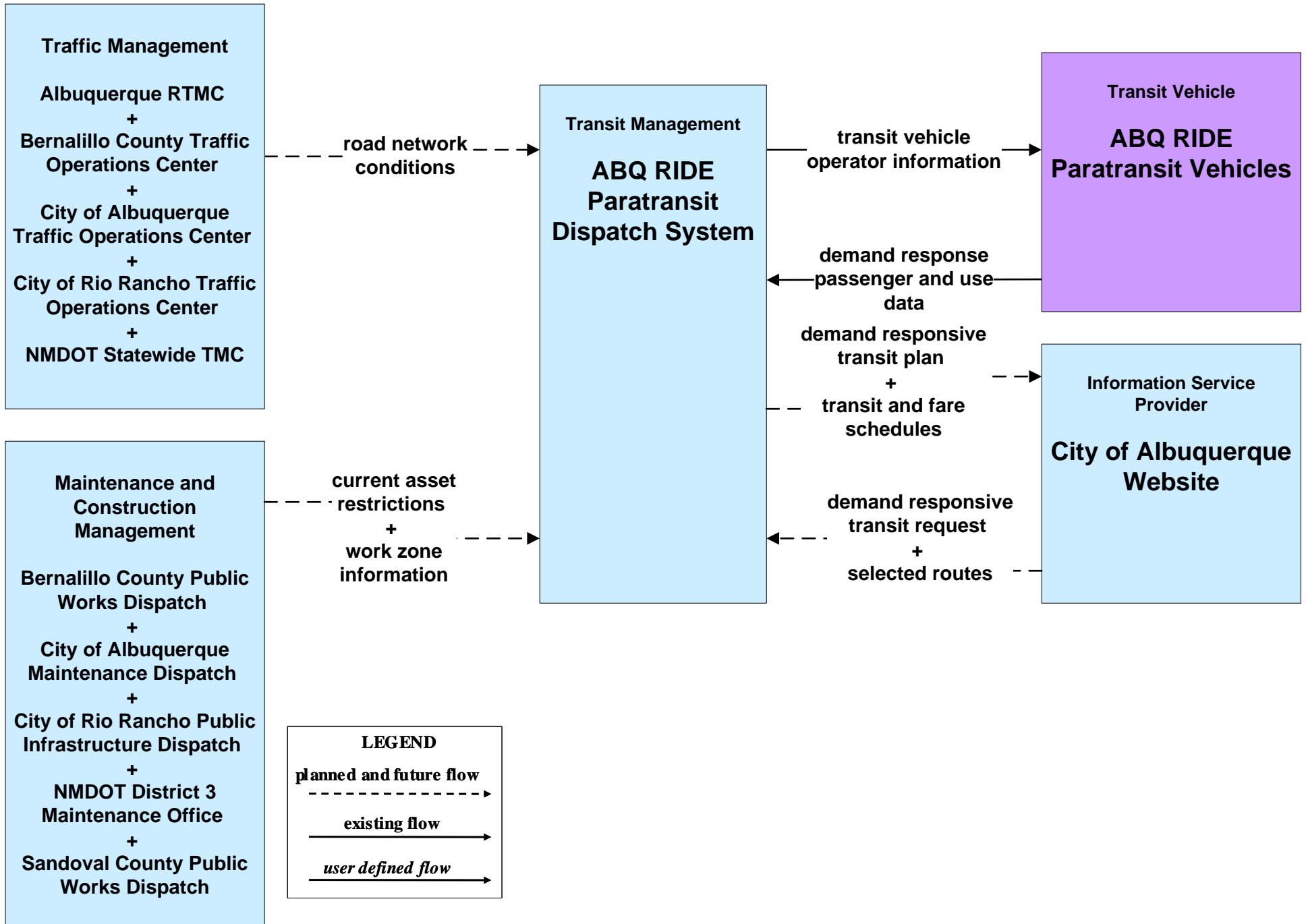
Local Transit



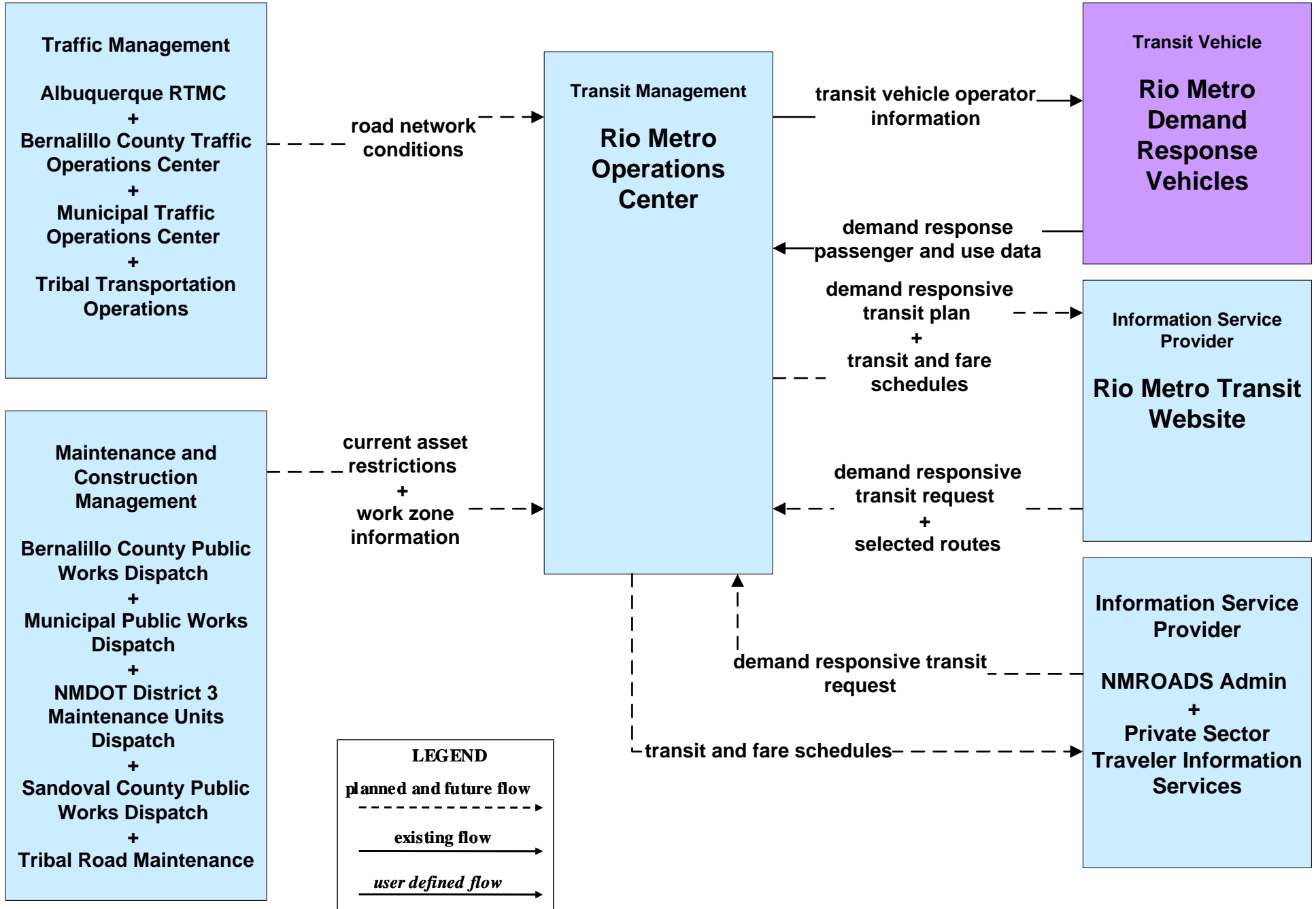
APTS02 - Transit Fixed-Route Operations Independent School Districts



APTS03 - Demand Response City of Albuquerque Transit

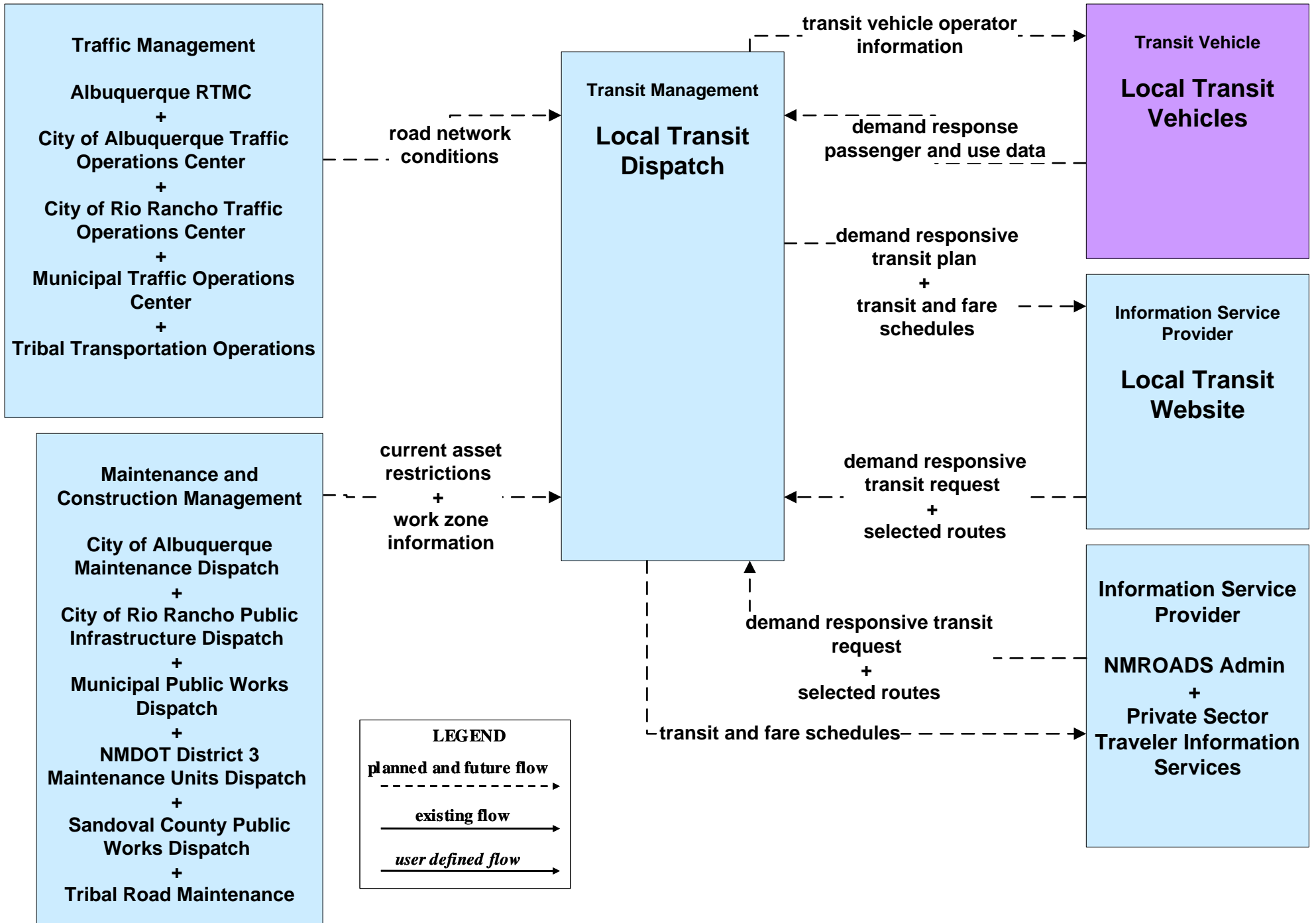


APTS03 - Demand Response Transit Operations Rio Metro Operations

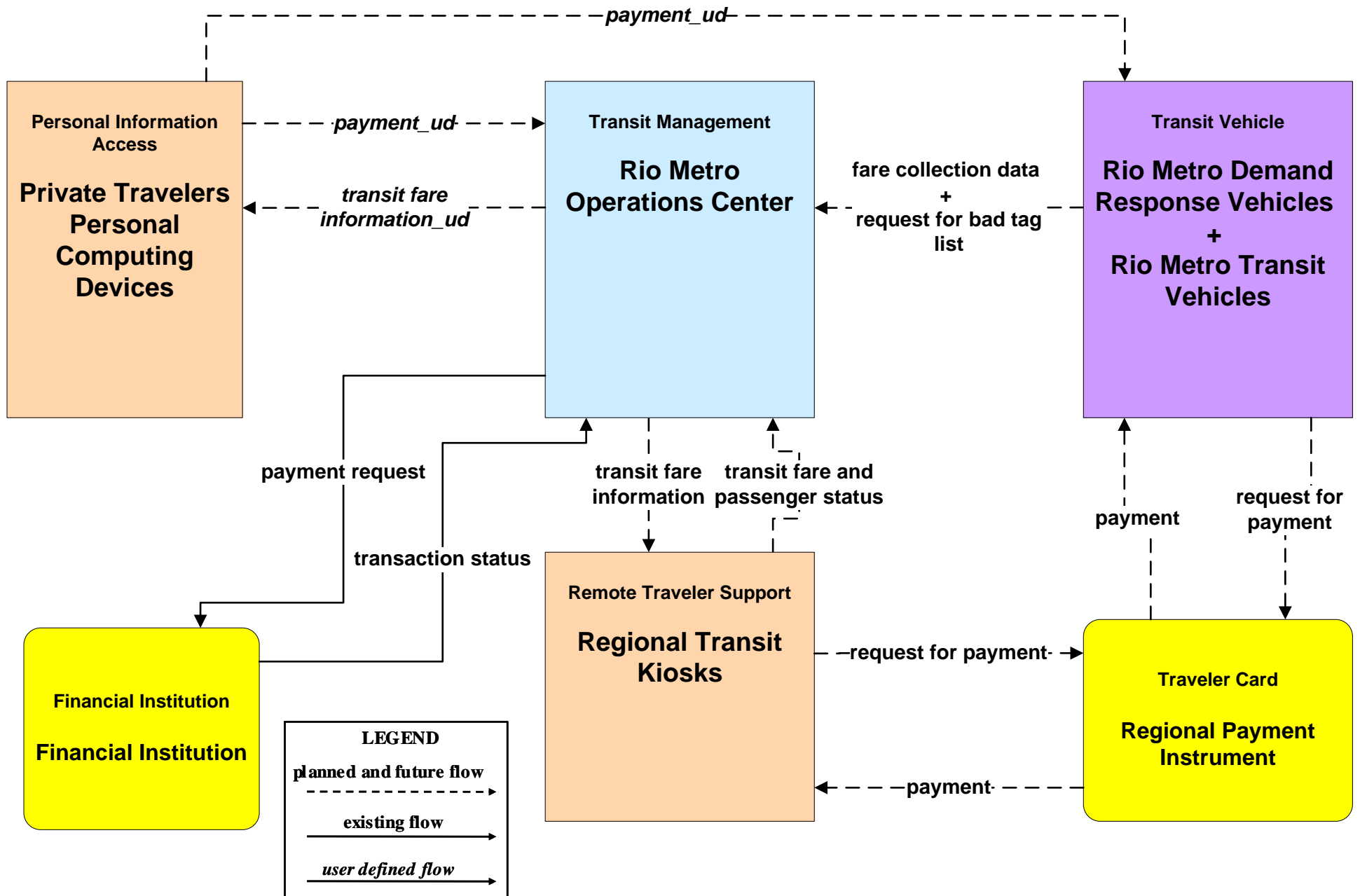


APTS03 - Demand Response Transit Operations

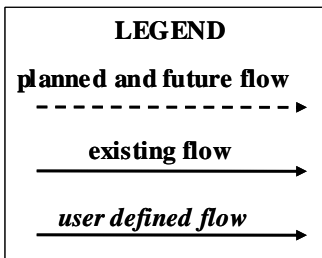
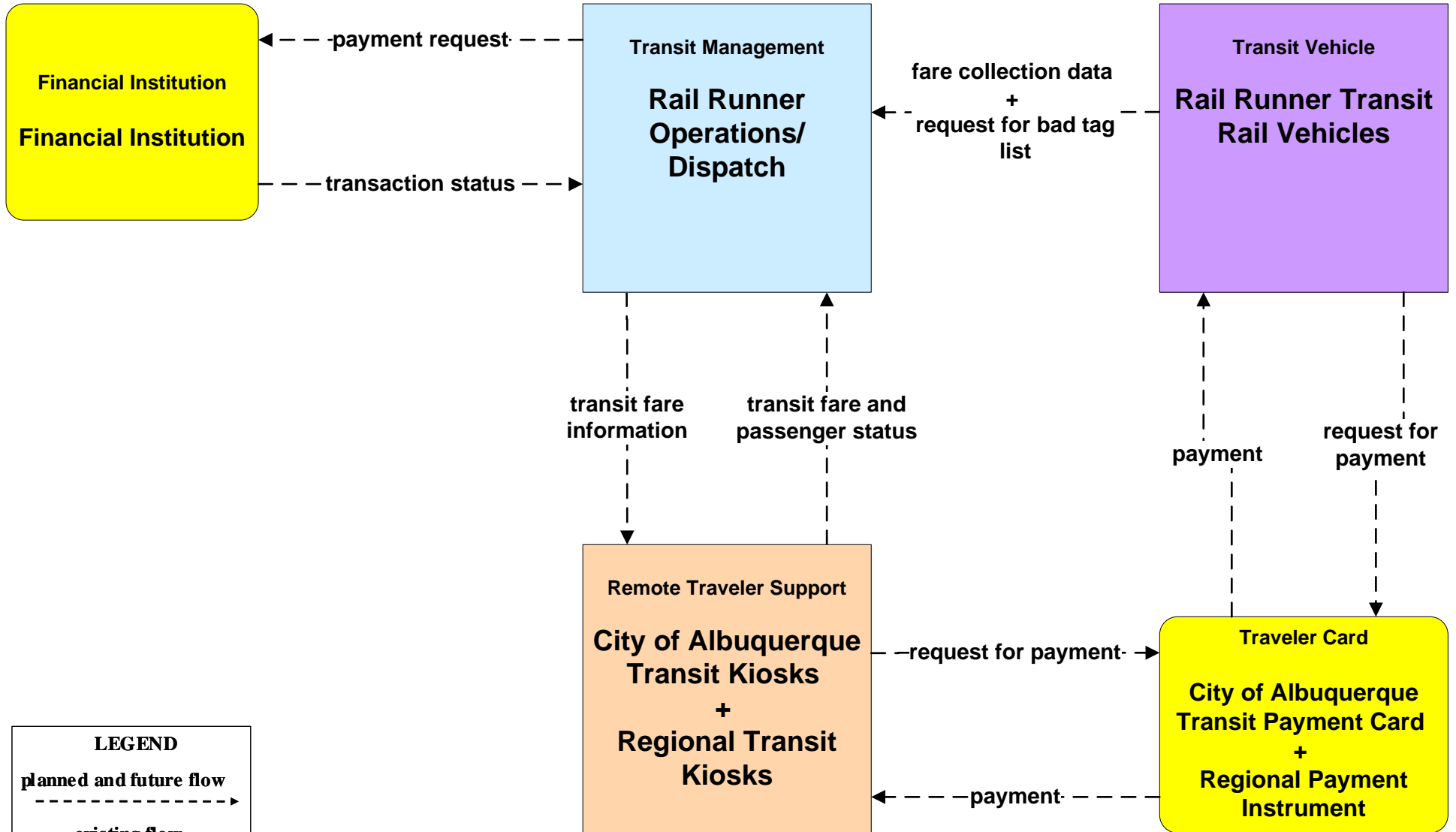
Local Transit



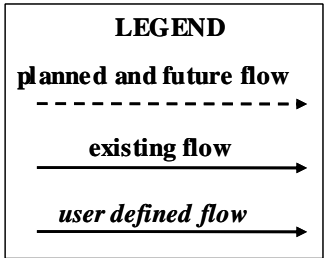
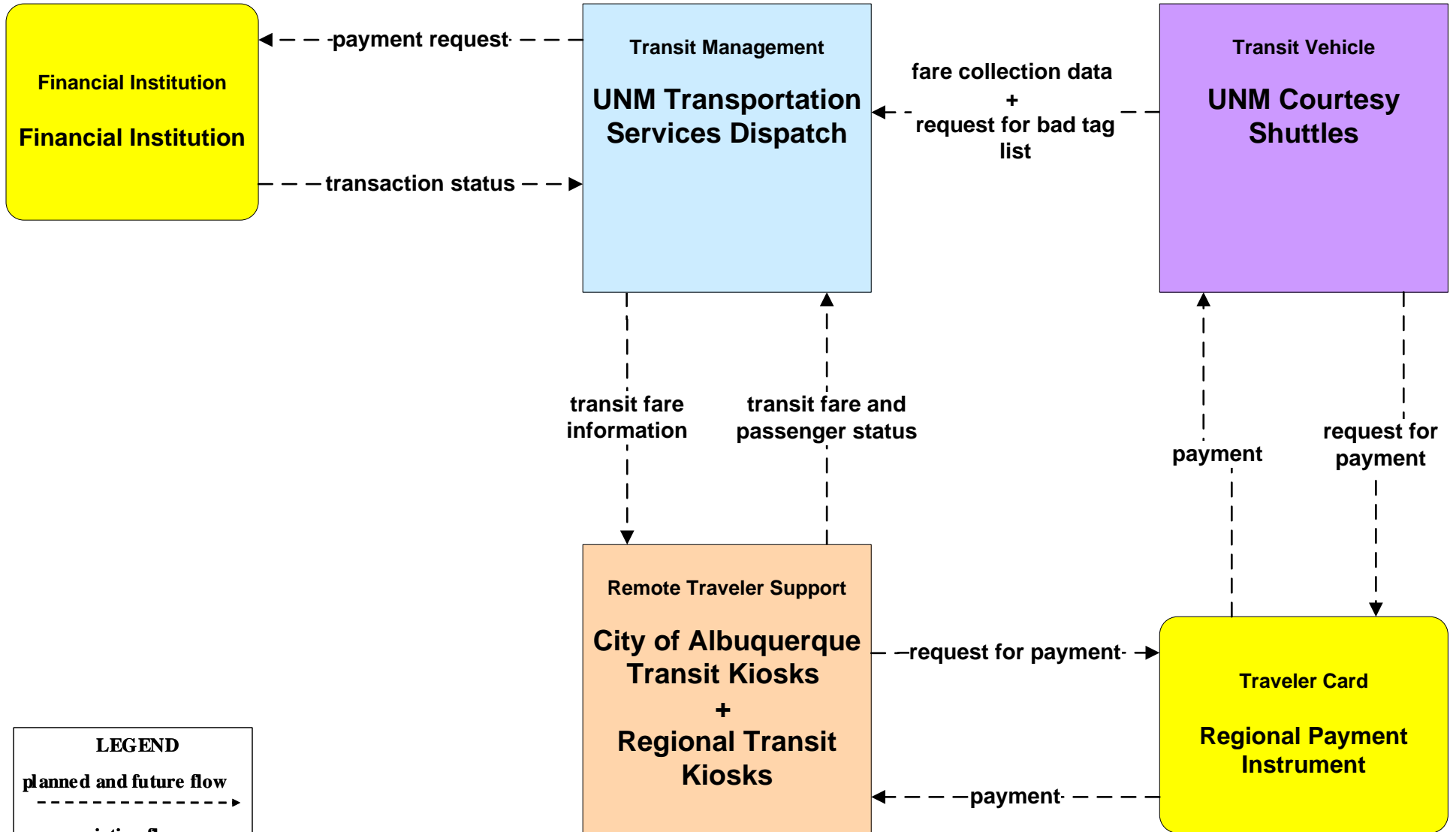
APTS04 - Transit Passenger and Fare Management Rio Metro Operations



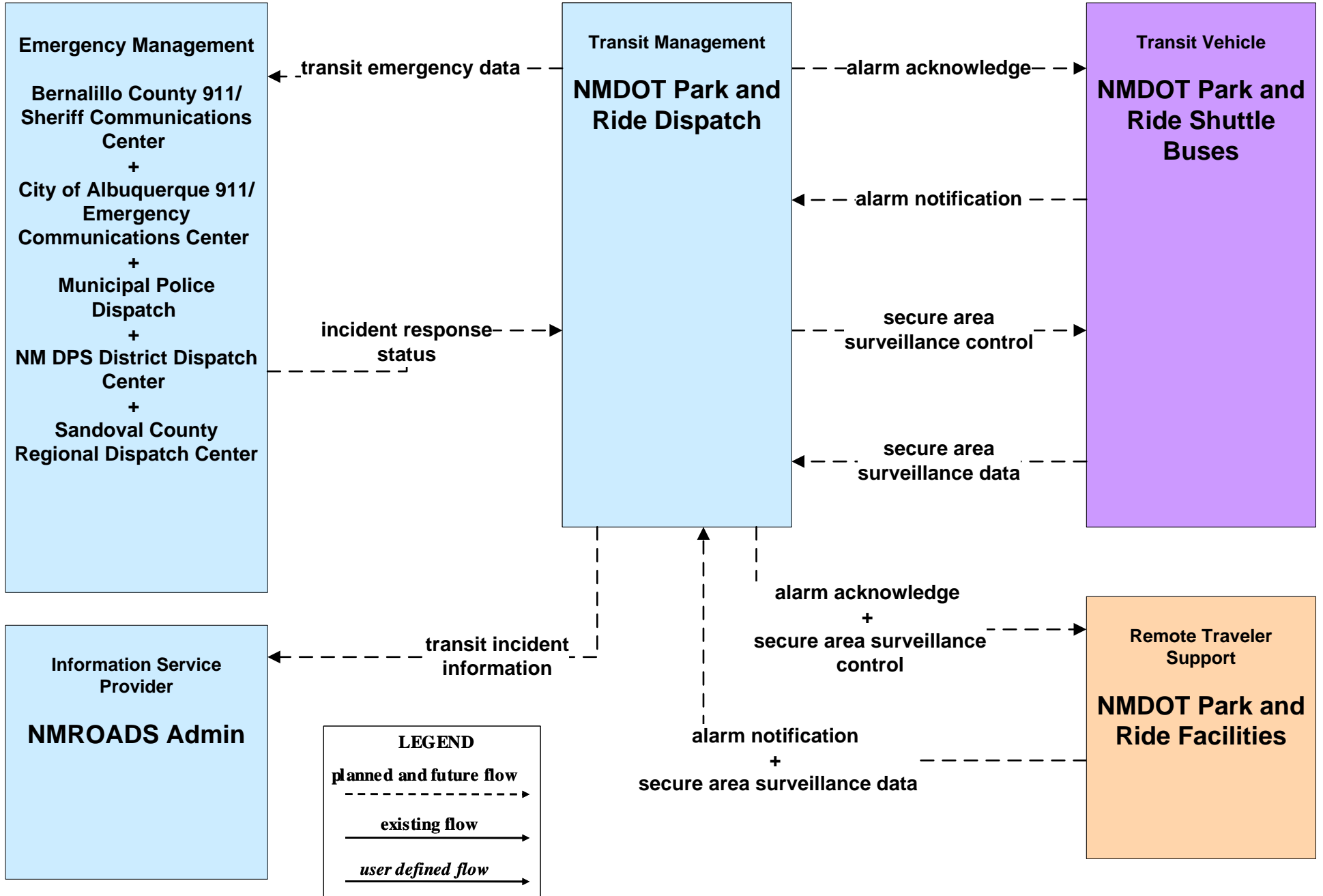
APTS04 - Transit Passenger and Fare Management Rail Runner Operations



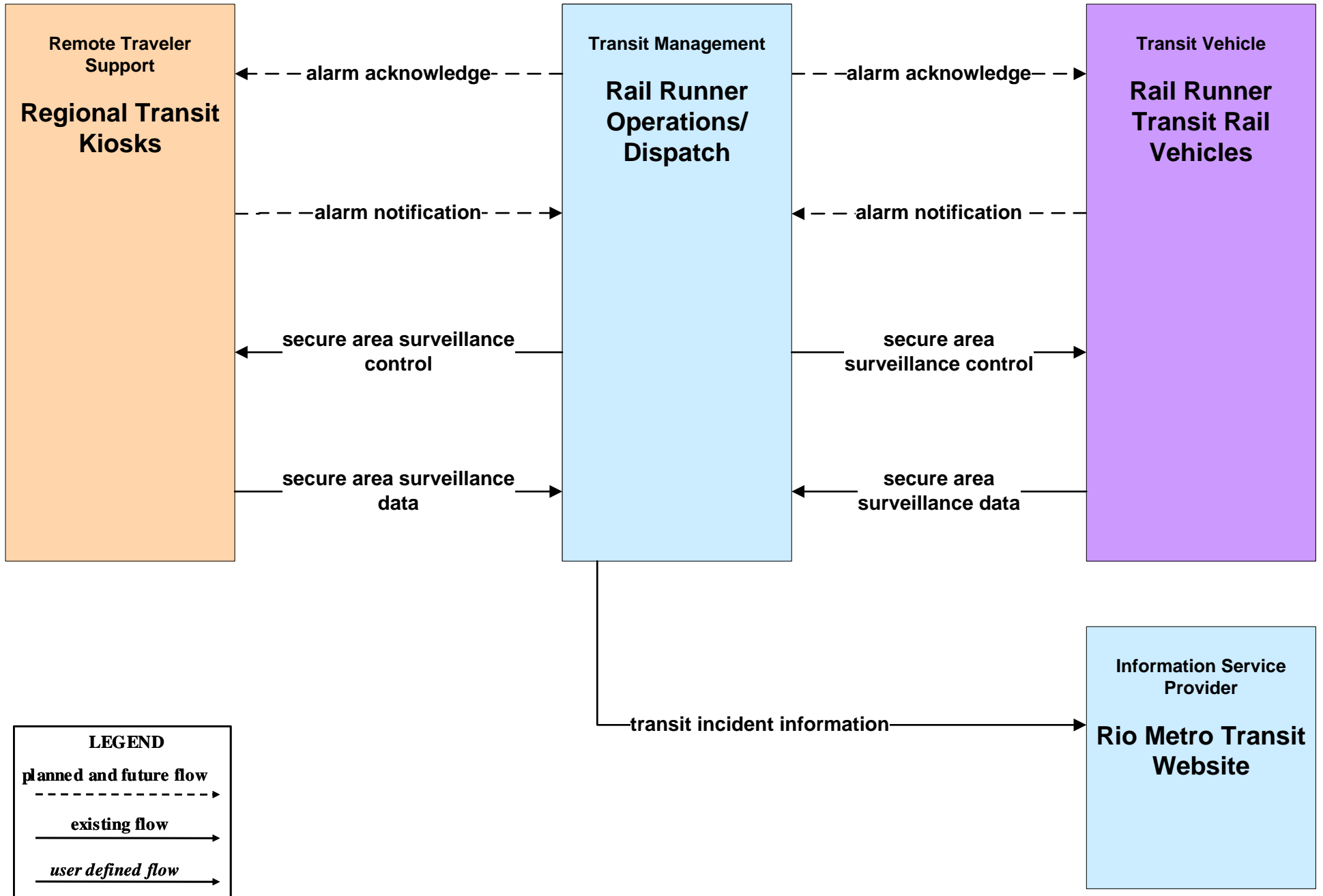
APTS04 - Transit Passenger and Fare Management UNM



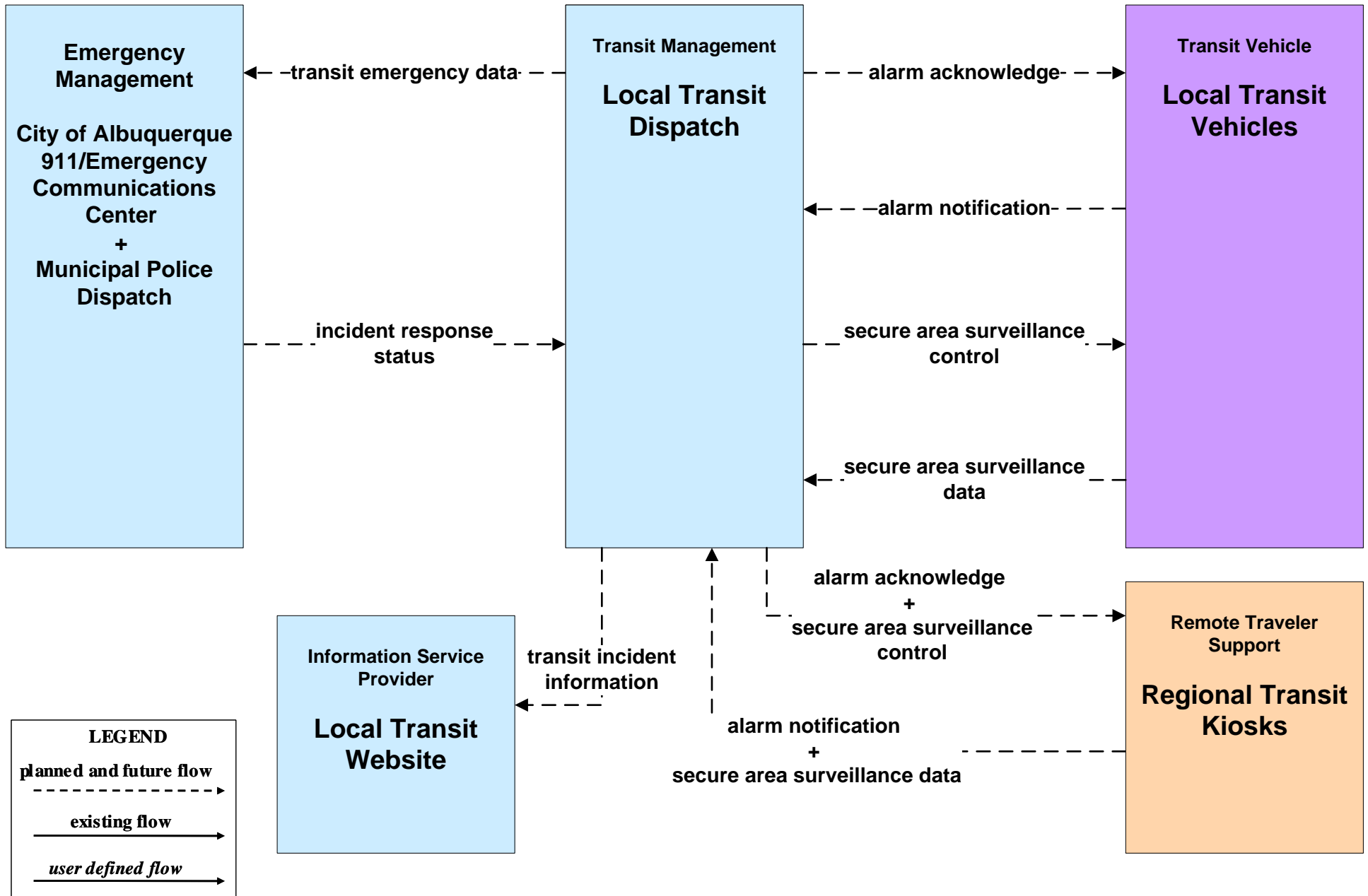
APTS05 - Transit Security NMDOT Park and Ride



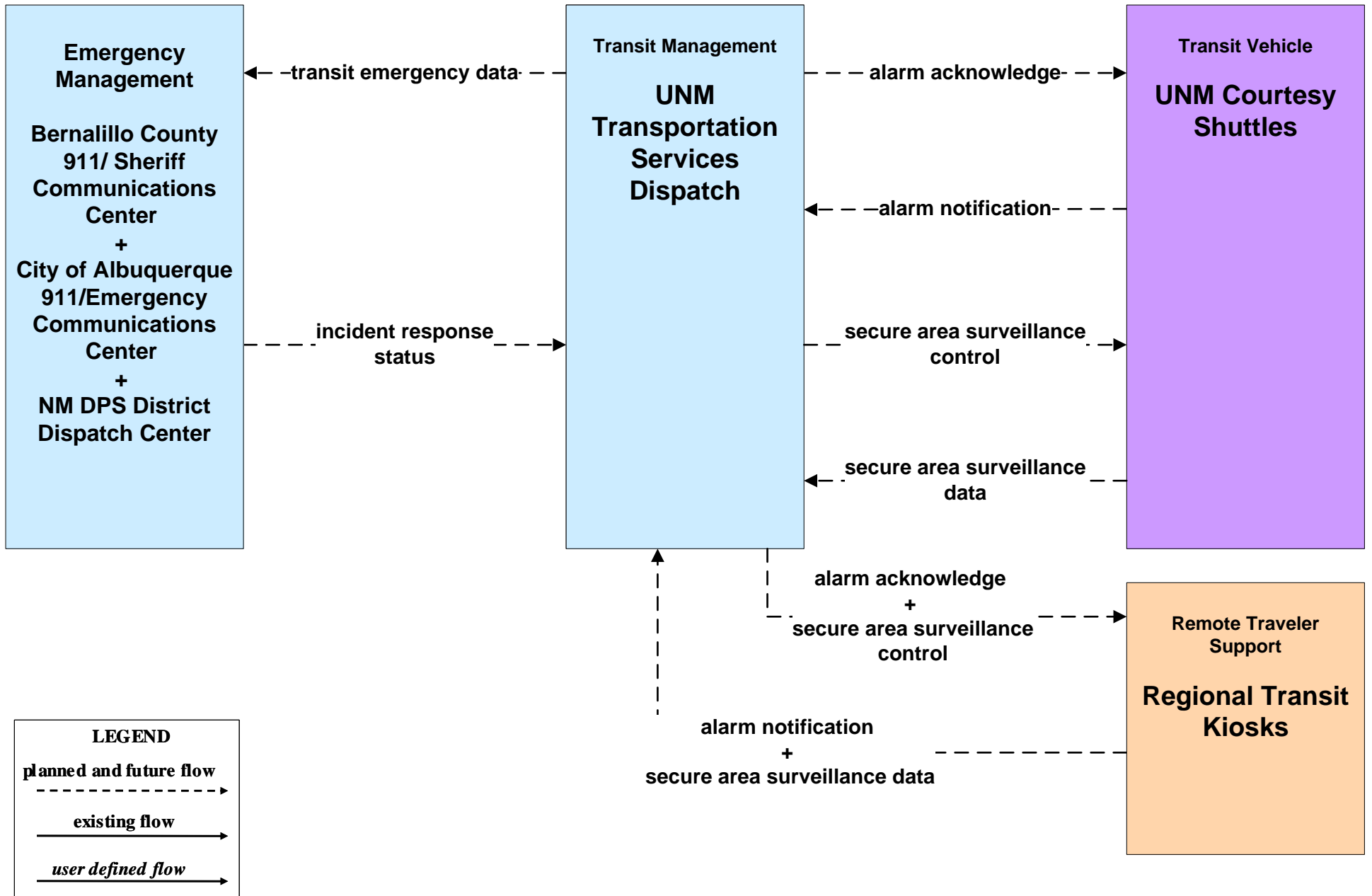
APTS05 - Transit Security Rail Runner Operations (1 of 2)



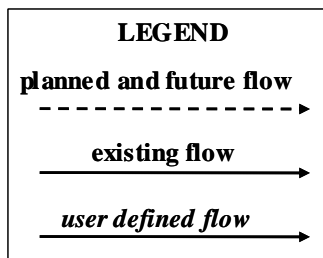
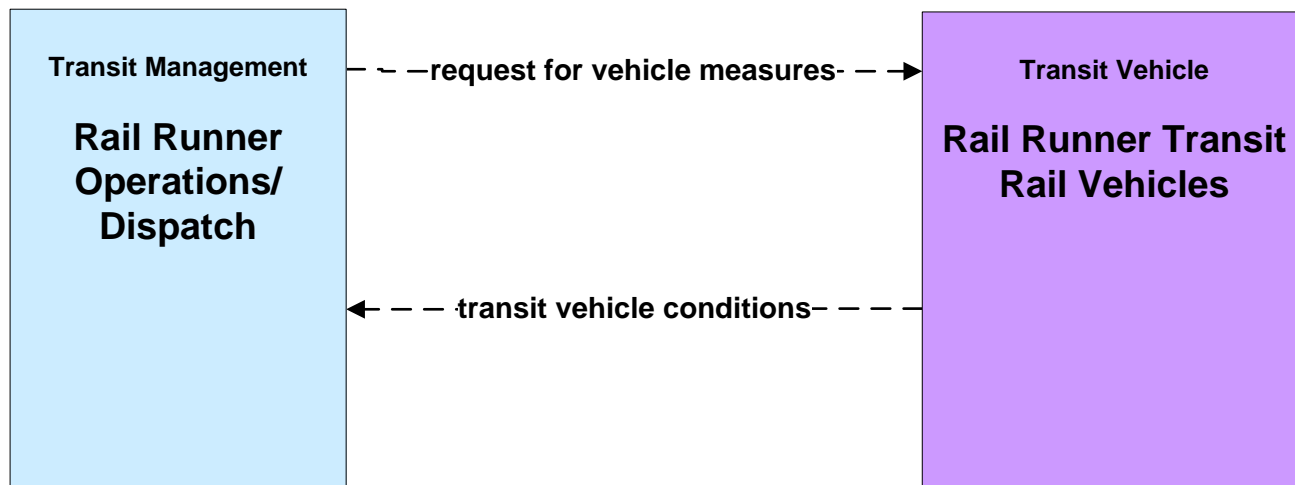
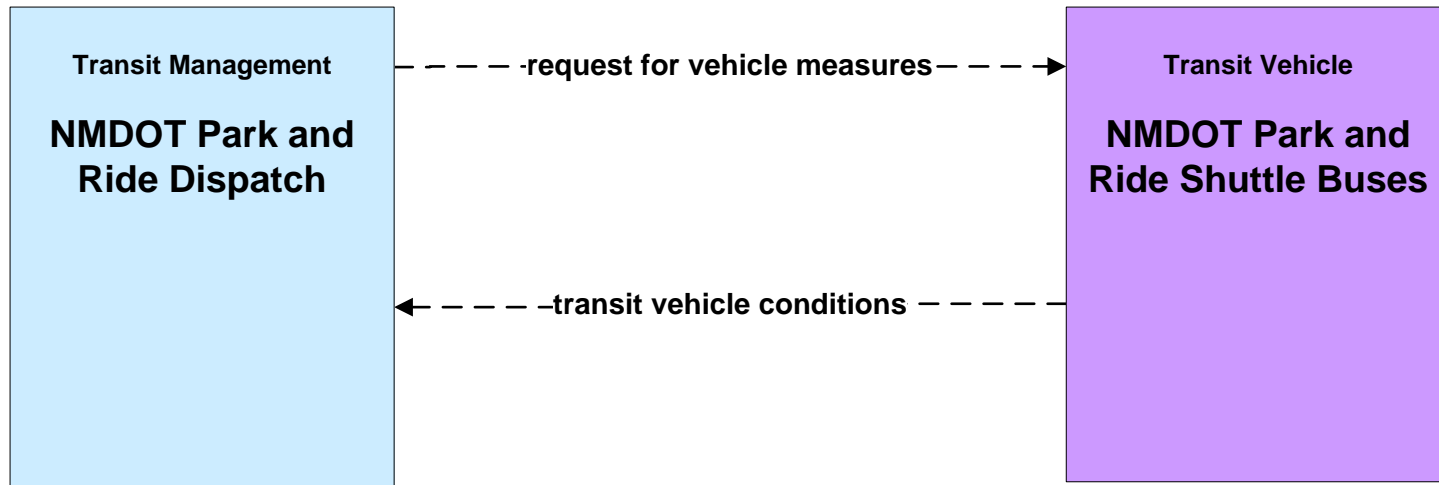
APTS05 - Transit Security Local Transit Operations



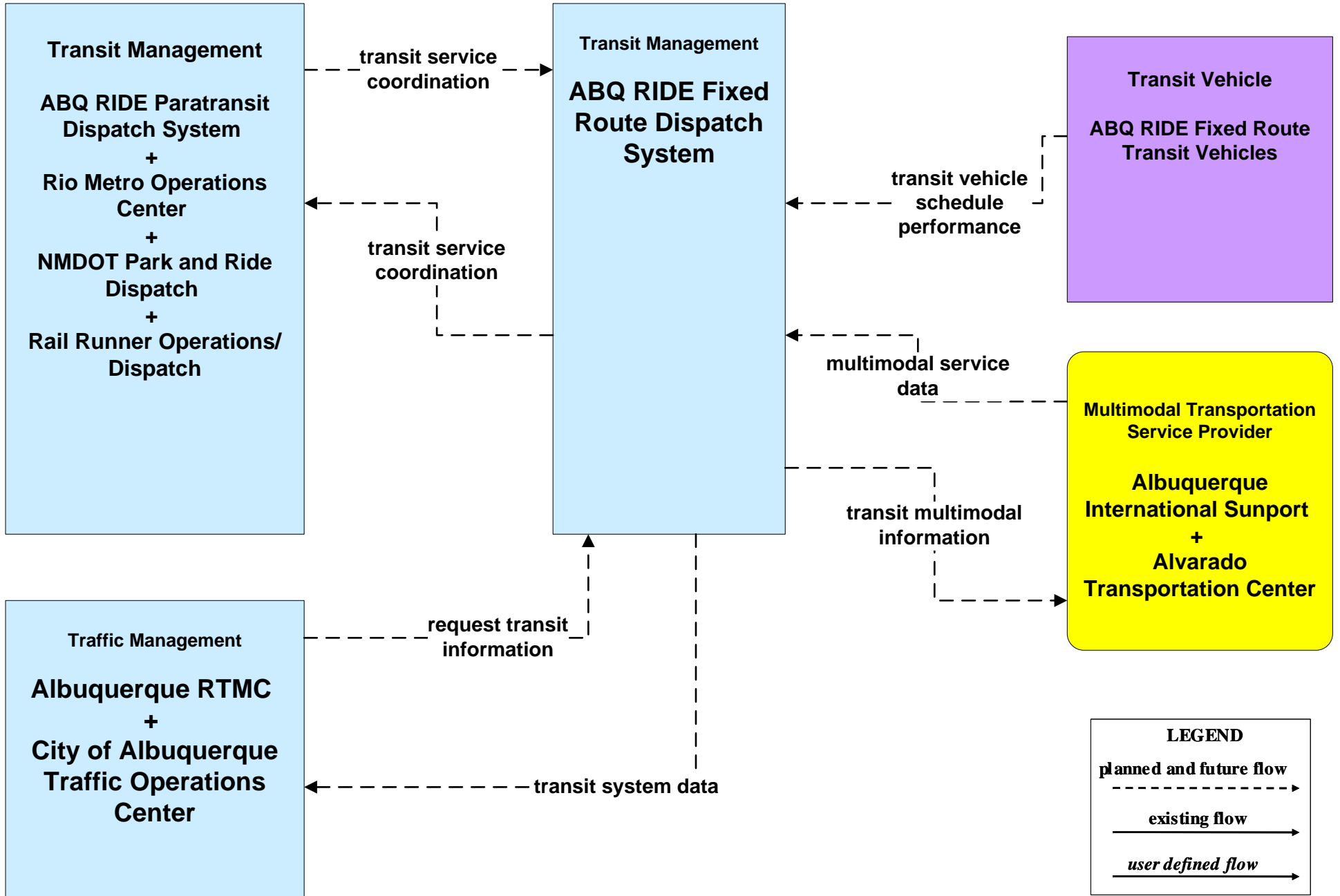
APTS05 - Transit Security UNM



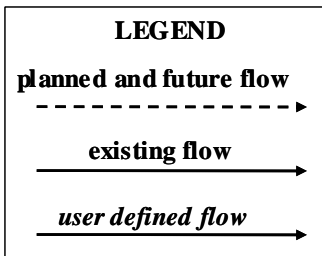
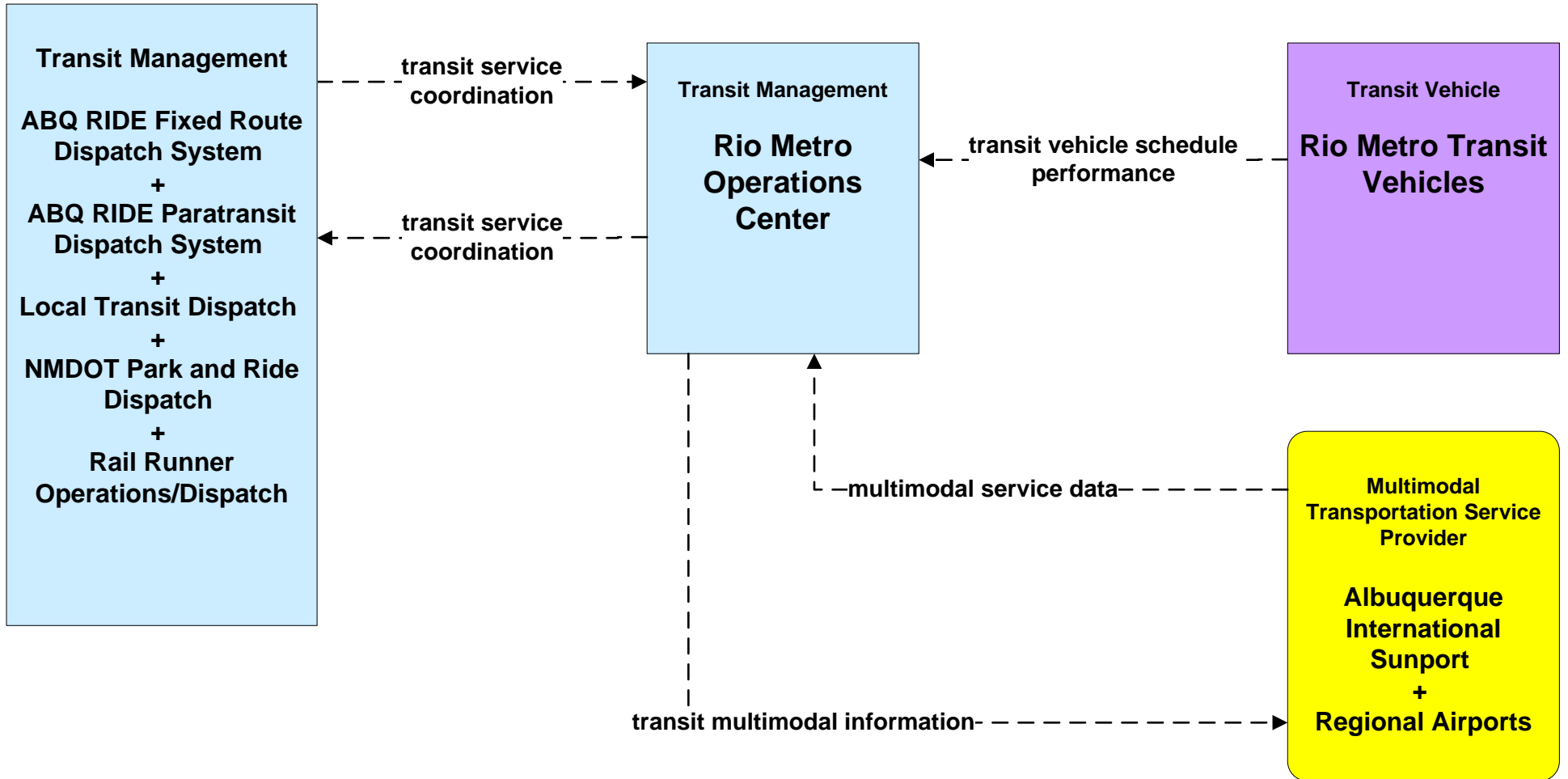
**APTS06 - Transit Maintenance
NMDOT Park and Ride / Rail Runner Operations**



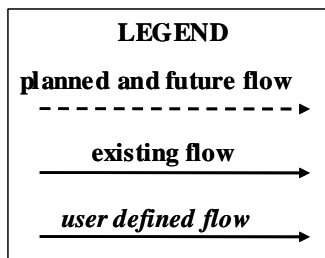
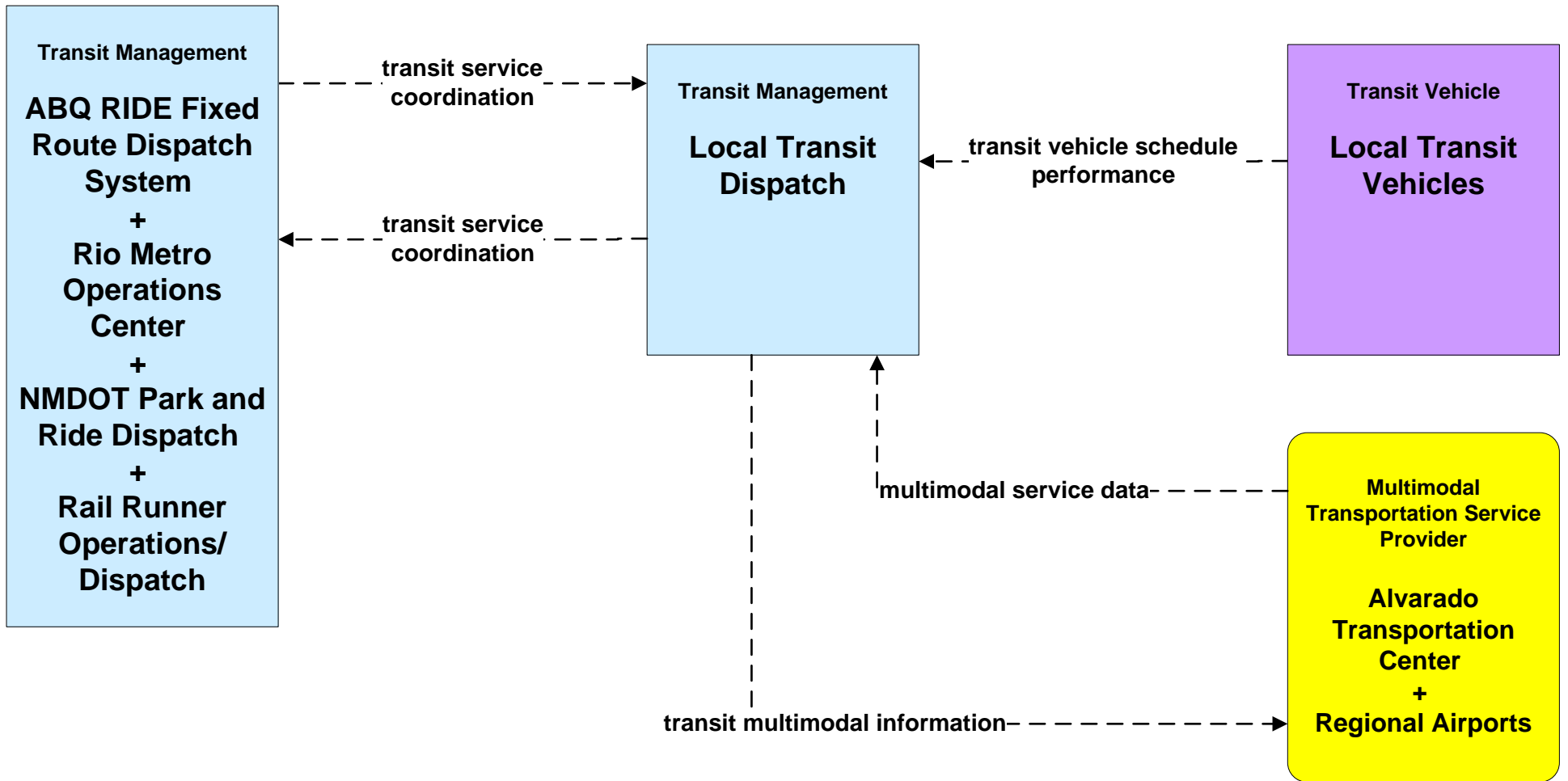
APTS07 - Multi-modal Coordination ABQ RIDE Fixed Route



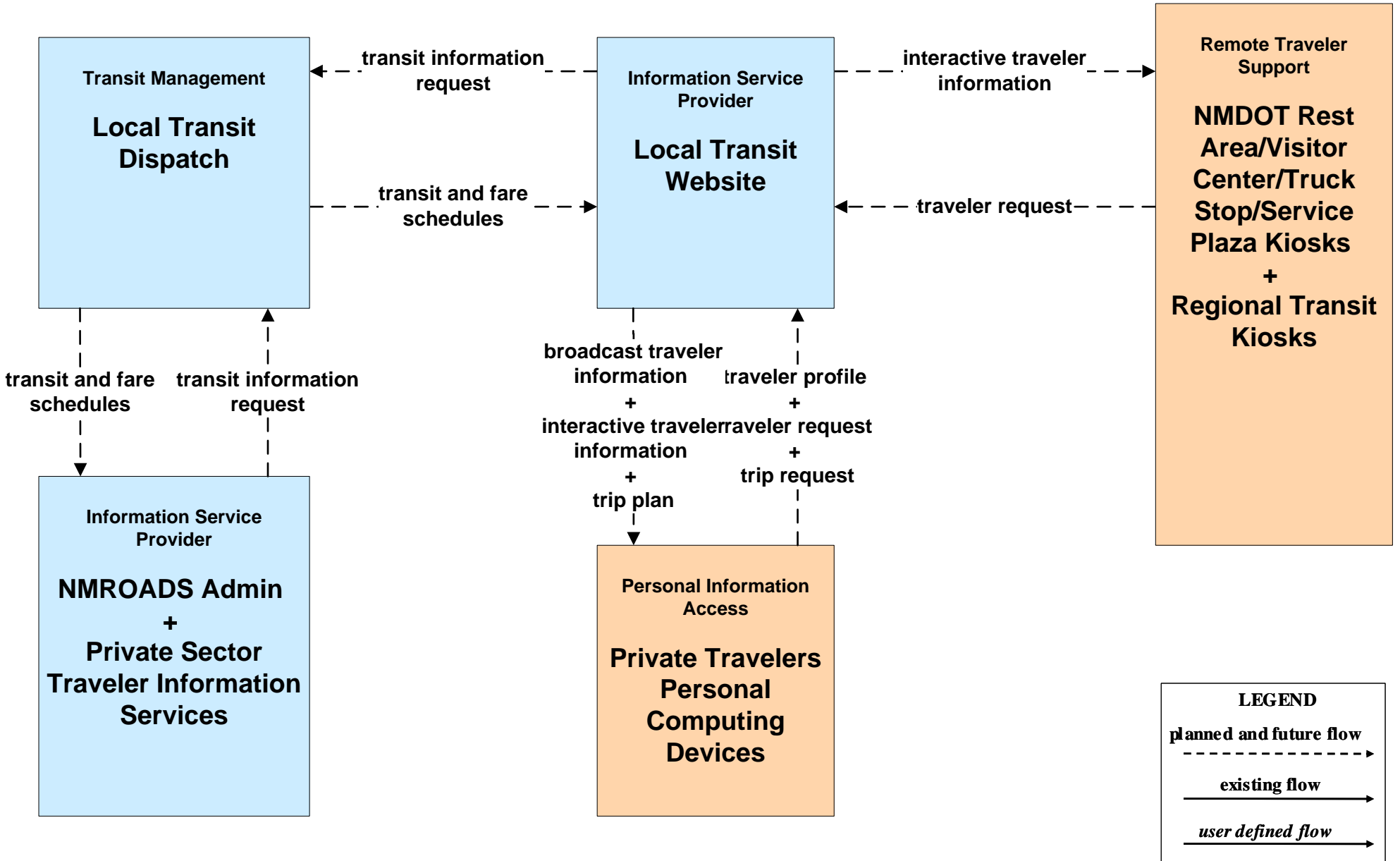
APTS07 - Multi-modal Coordination Rio Metro Operations



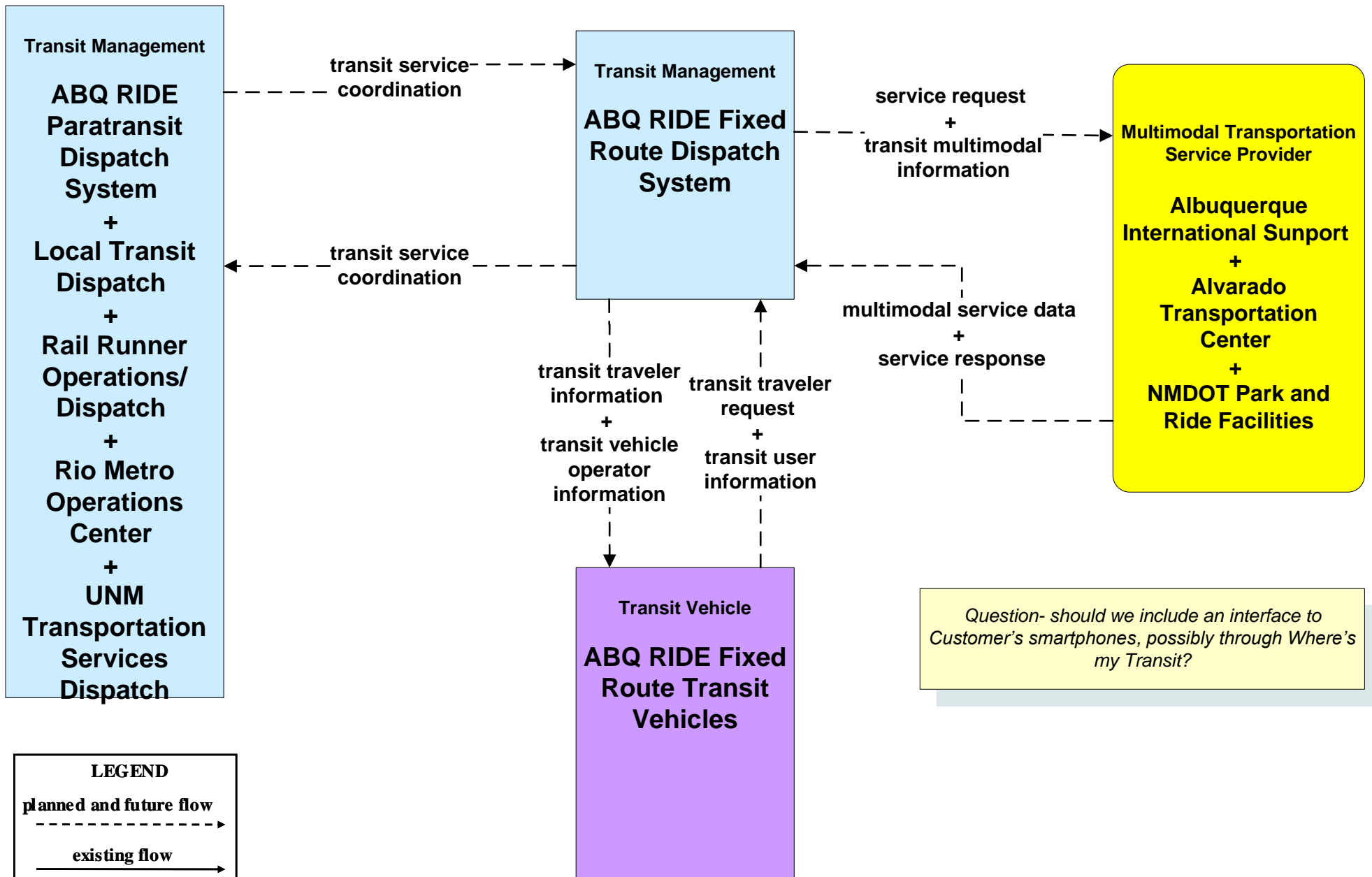
APTS07 - Multi-modal Coordination Local Transit



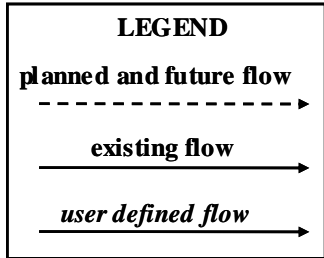
APTS08 - Transit Traveler Information Local Transit



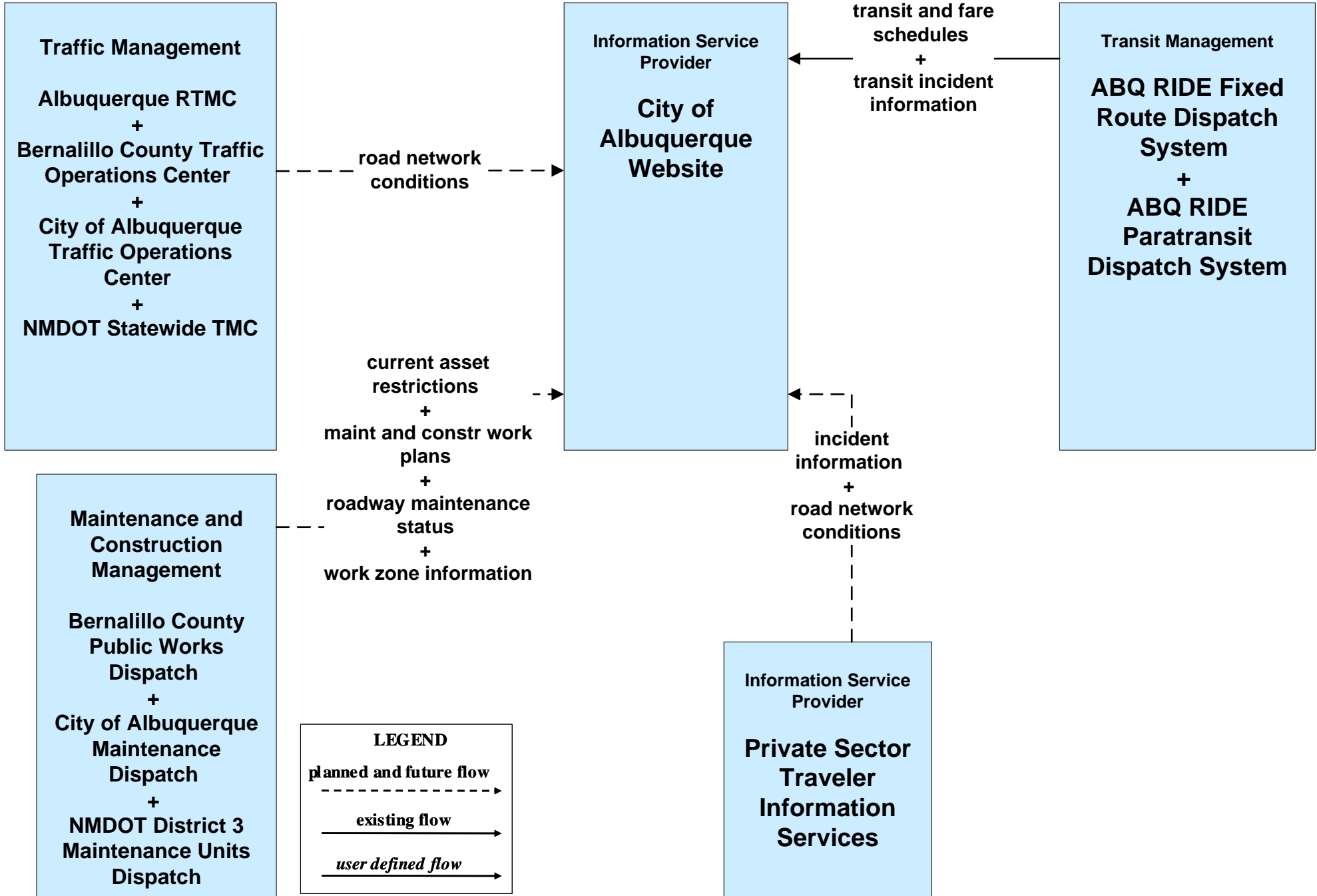
APTS11 - Multimodal Connection Protection ABQ RIDE



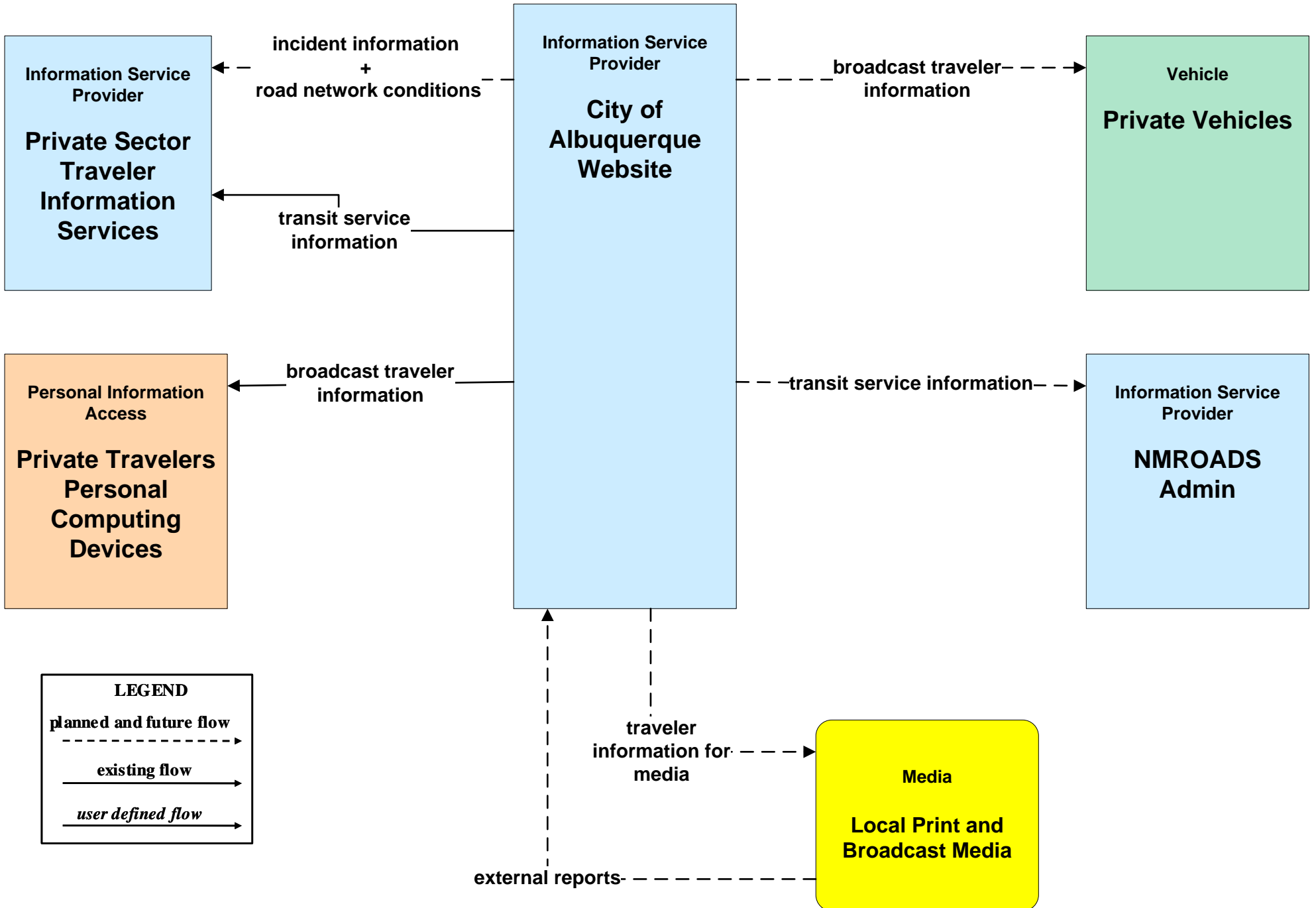
Question- should we include an interface to Customer's smartphones, possibly through Where's my Transit?



**ATIS02 - Interactive Traveler Information
City of Albuquerque (1 of 2) – Inputs**

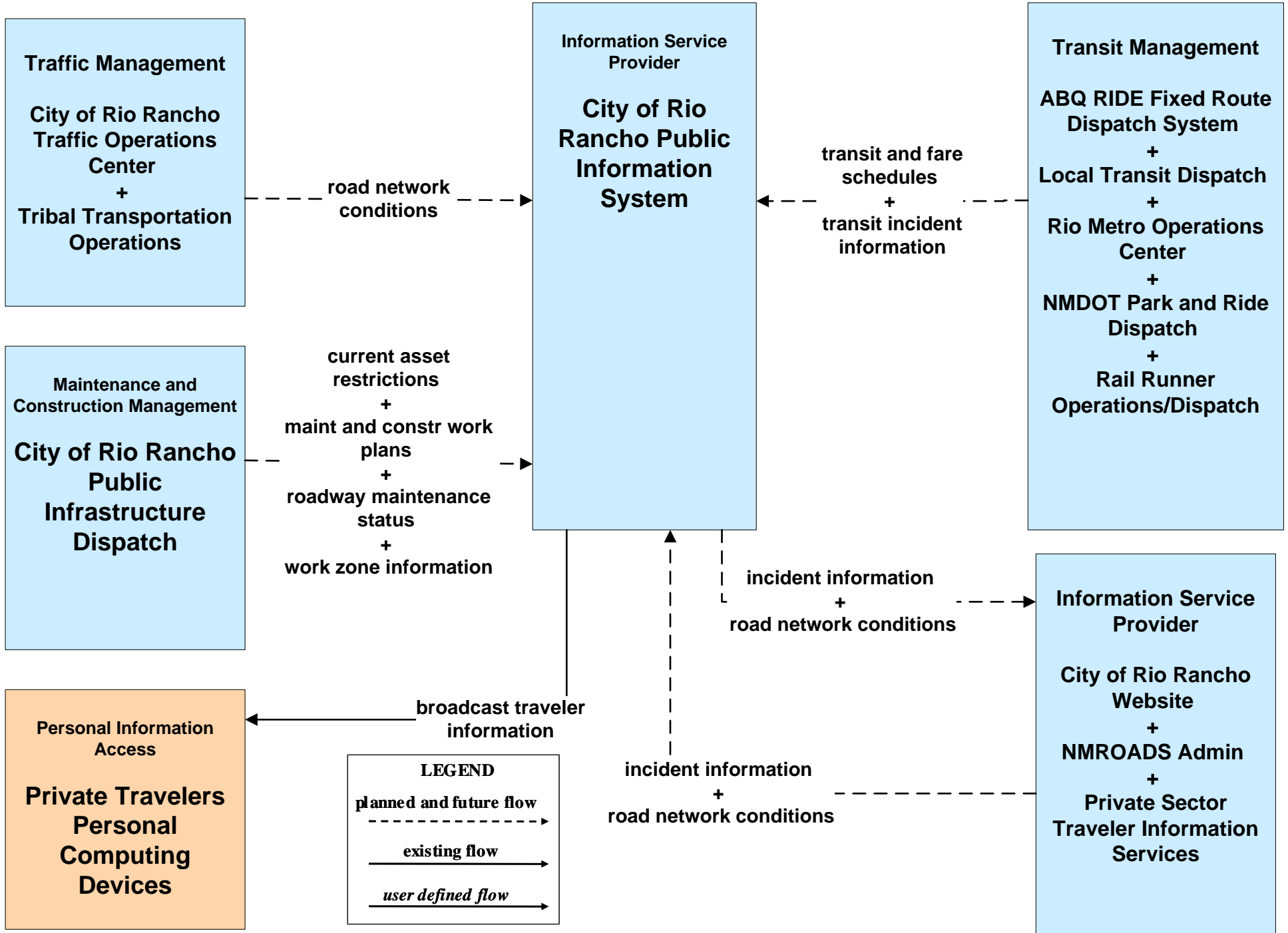


ATIS01 - Broadcast Traveler Information City of Albuquerque (2 of 2) – Outputs

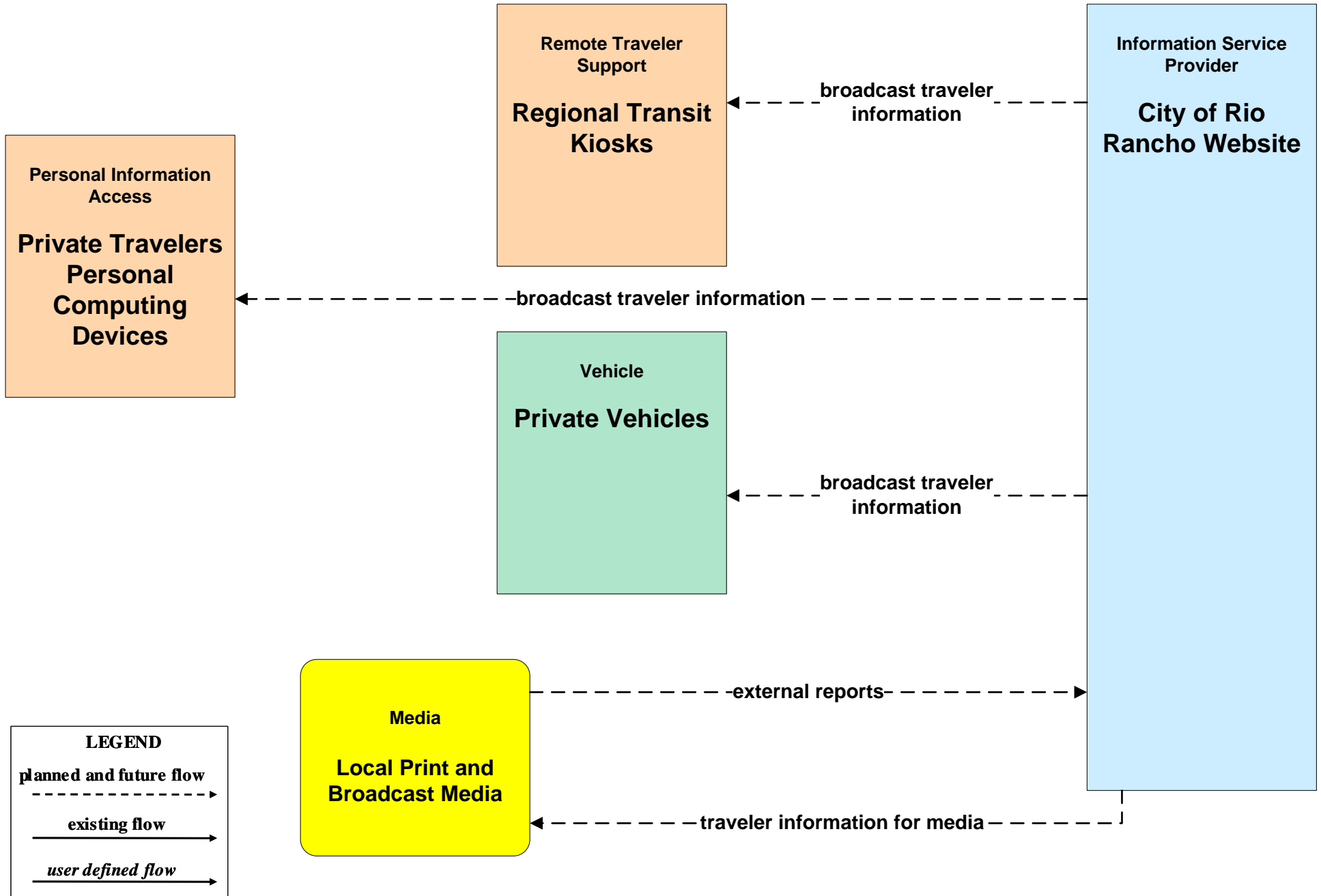


ATIS01 - Broadcast Traveler Information

City of Rio Rancho (1 of 2) – Inputs

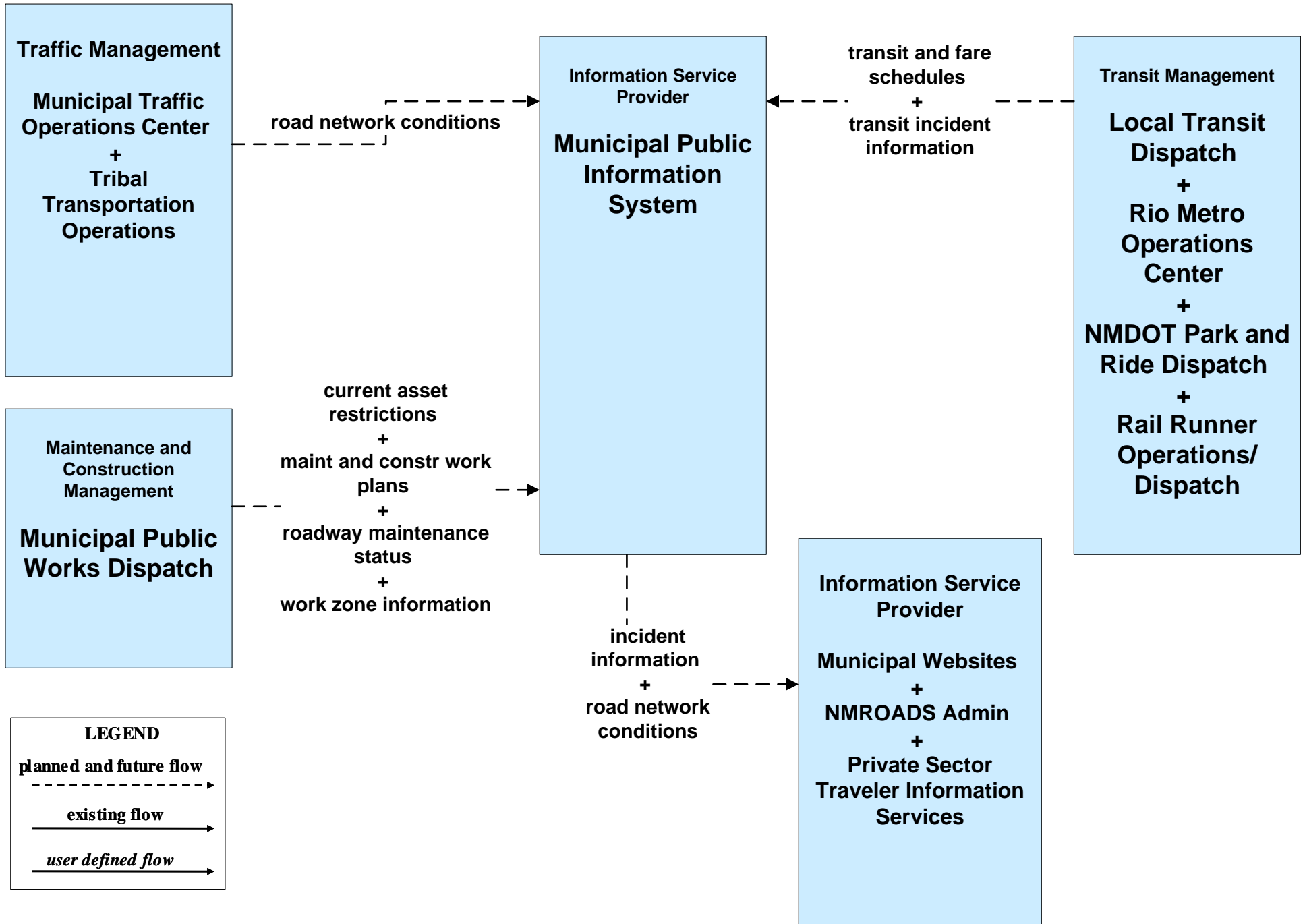


**ATIS01 - Broadcast Traveler Information
City of Rio Rancho (2 of 2) – Outputs**

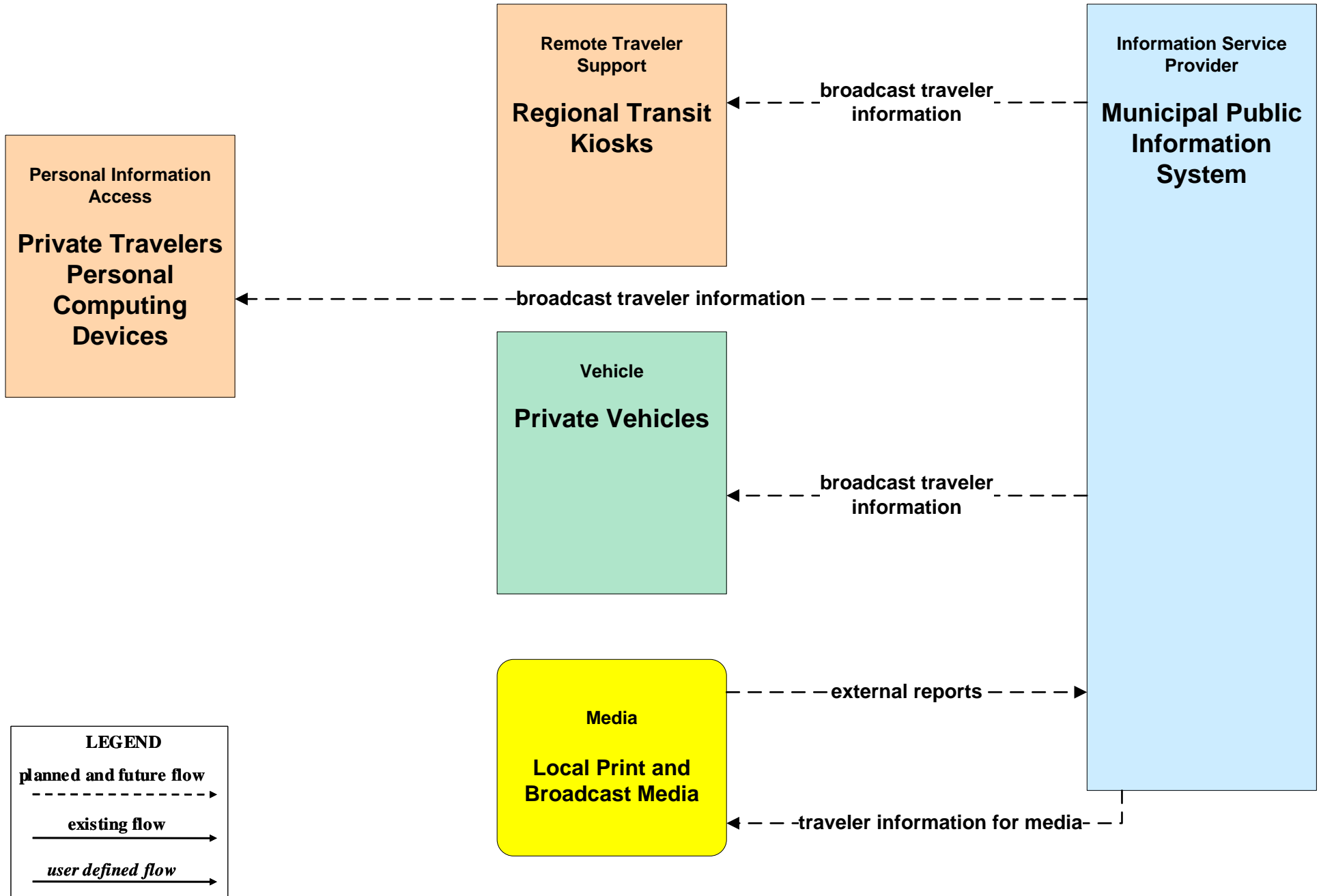


ATIS01 - Broadcast Traveler Information

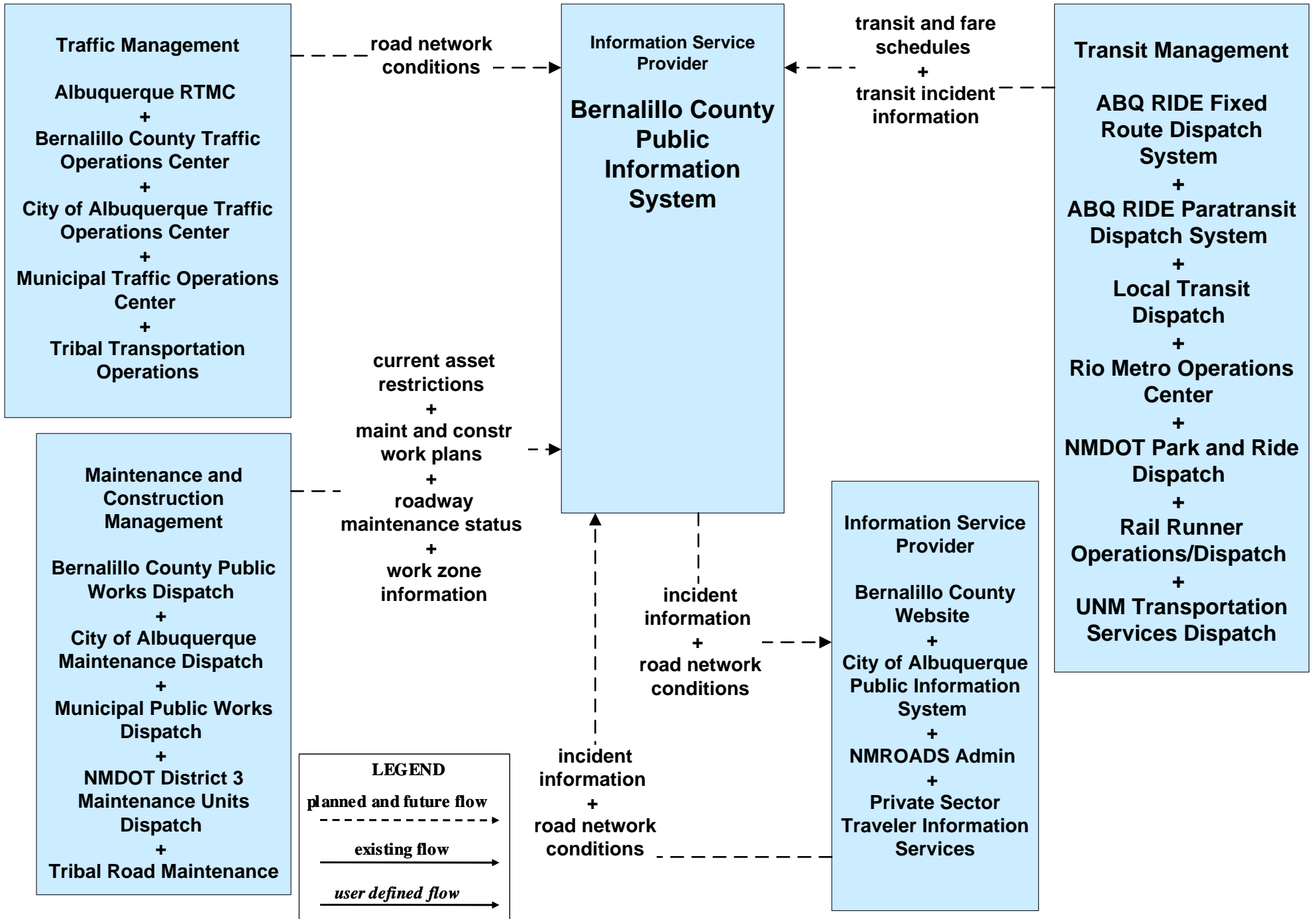
Municipalities (1 of 2) – Inputs



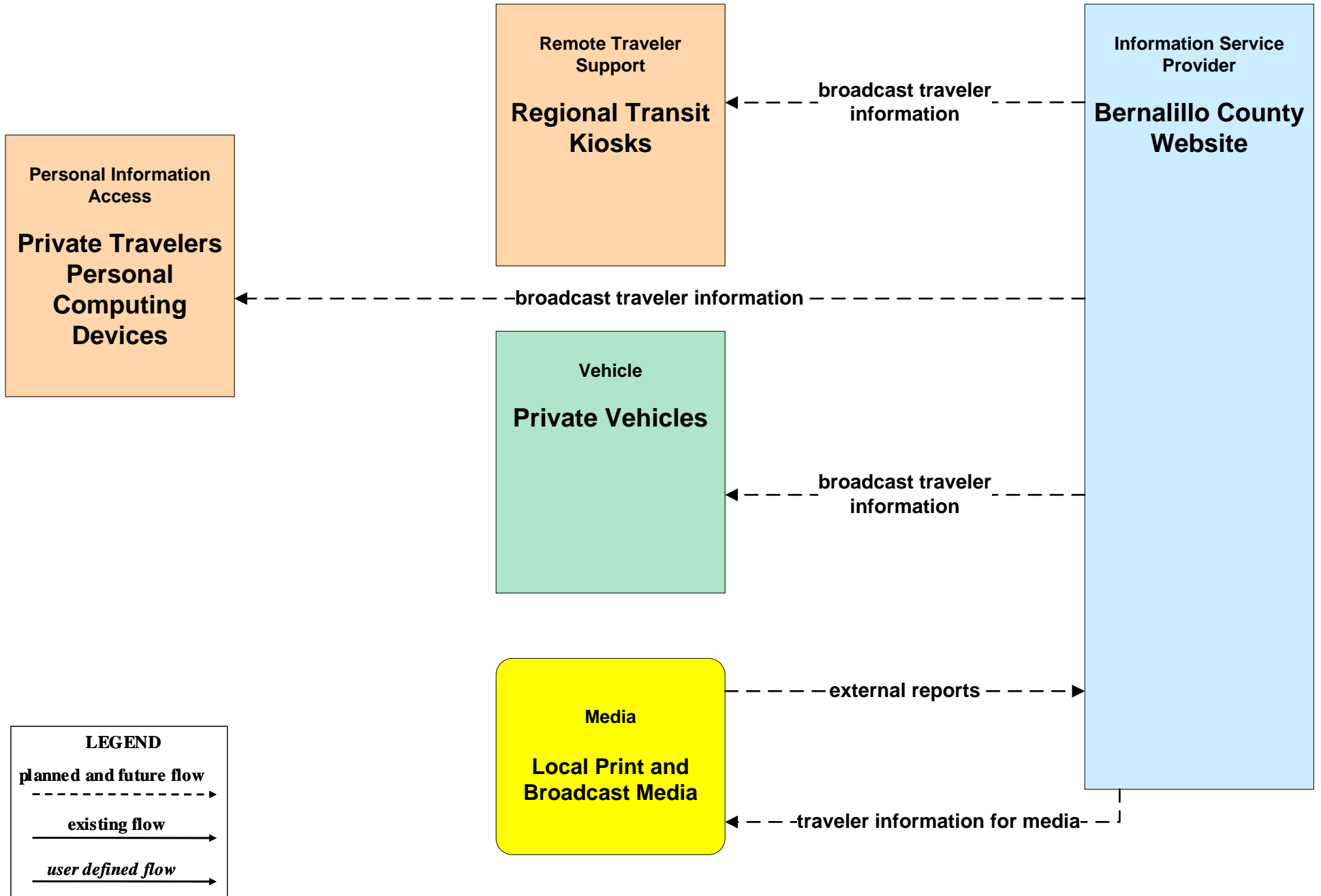
ATIS01 - Broadcast Traveler Information Municipalities (2 of 2) – Outputs



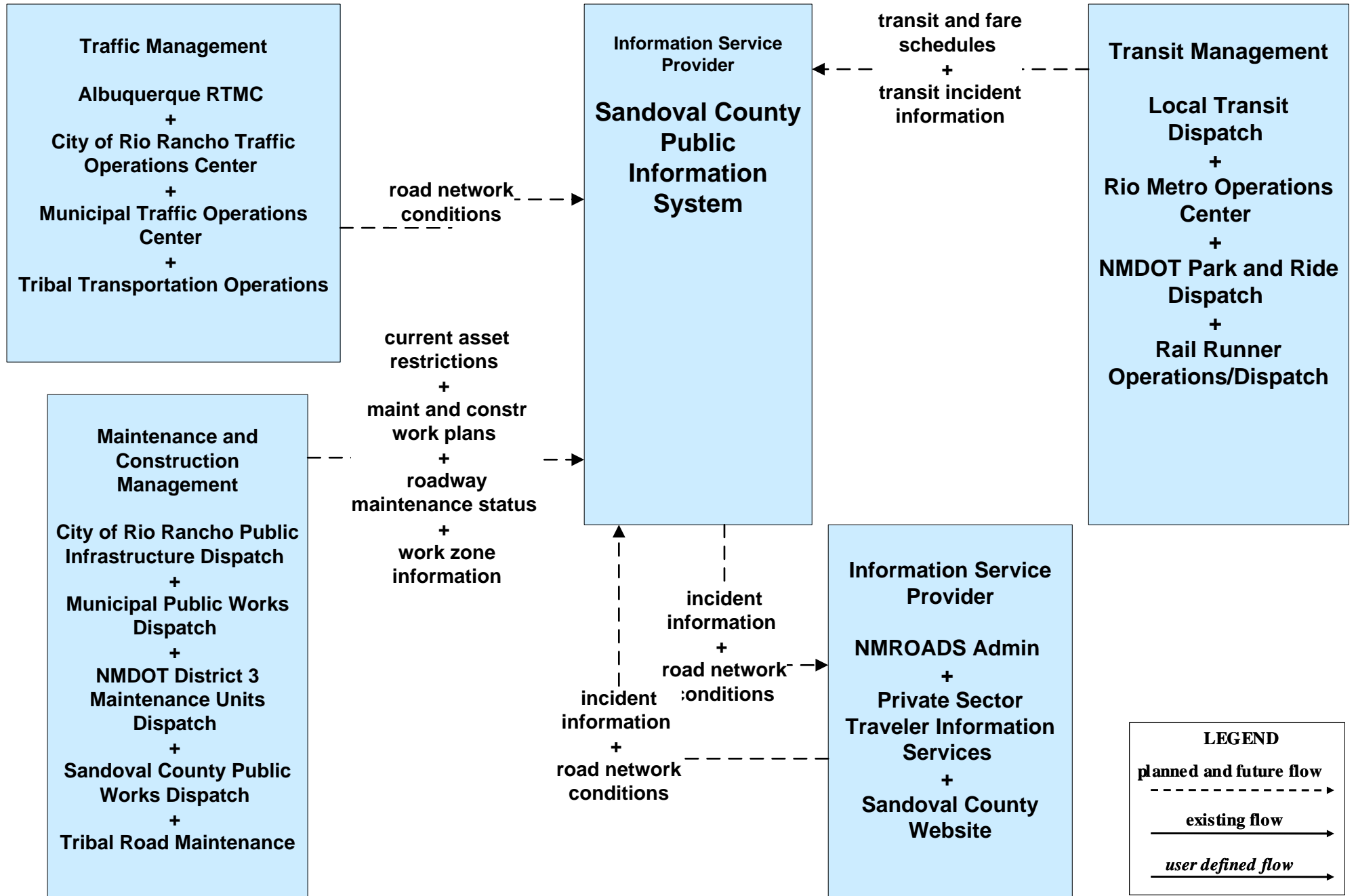
ATIS02 - Interactive Traveler Information Bernalillo County (1 of 2) – Inputs



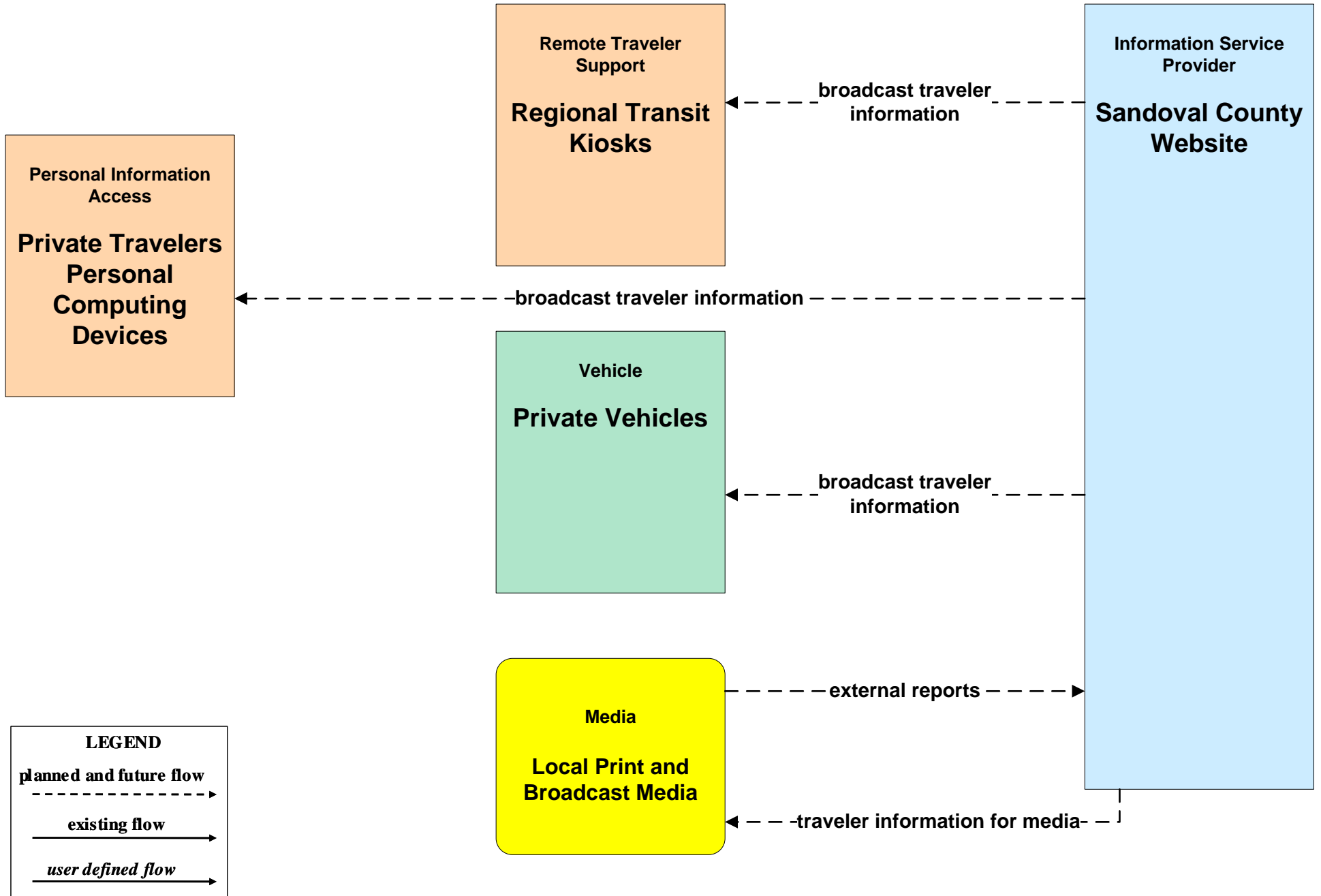
ATIS01 - Broadcast Traveler Information Bernalillo County (2 of 2) – Outputs



ATIS01 - Broadcast Traveler Information Sandoval County (1 of 2) – Inputs



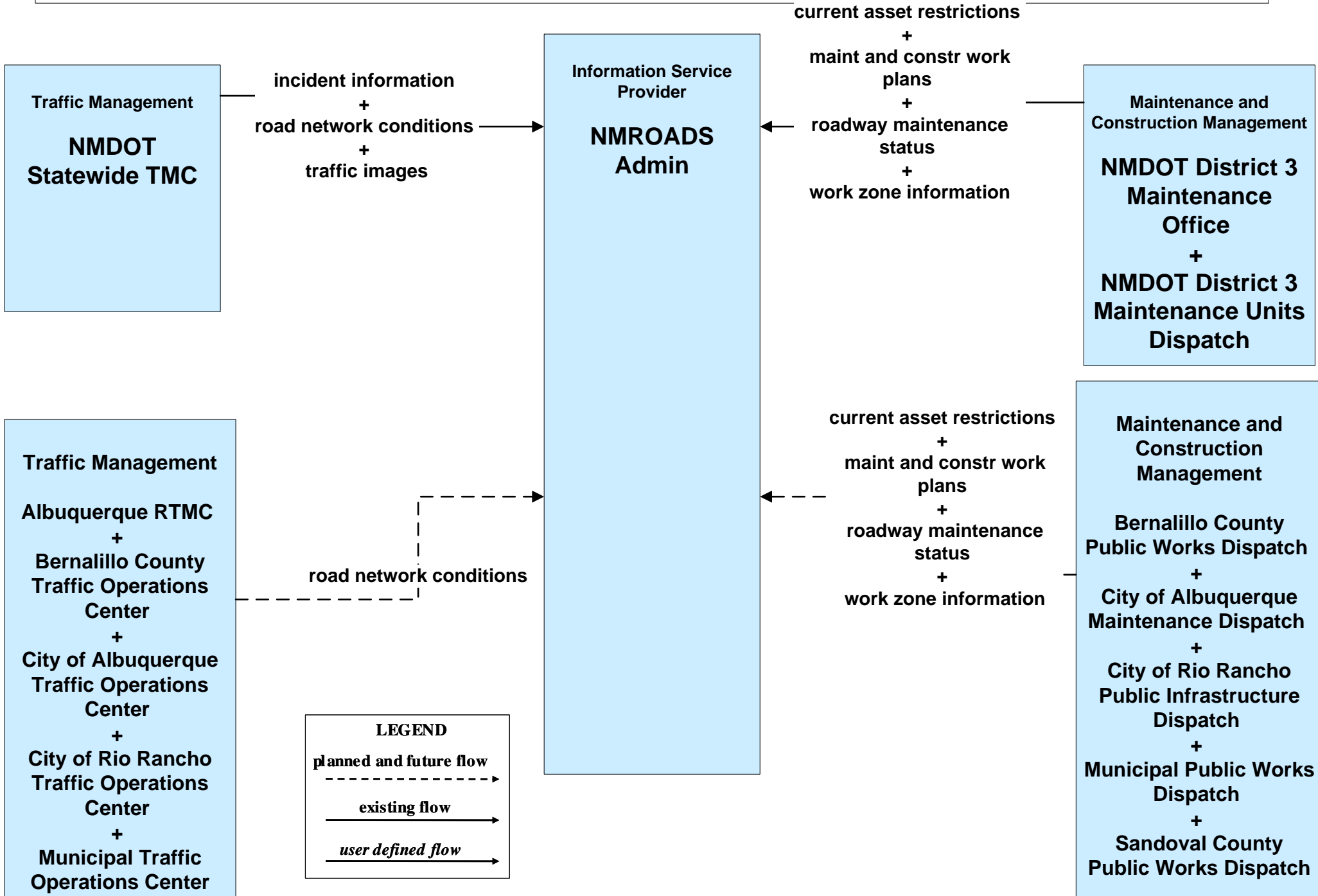
ATIS01 - Broadcast Traveler Information Sandoval County (2 of 2) – Outputs



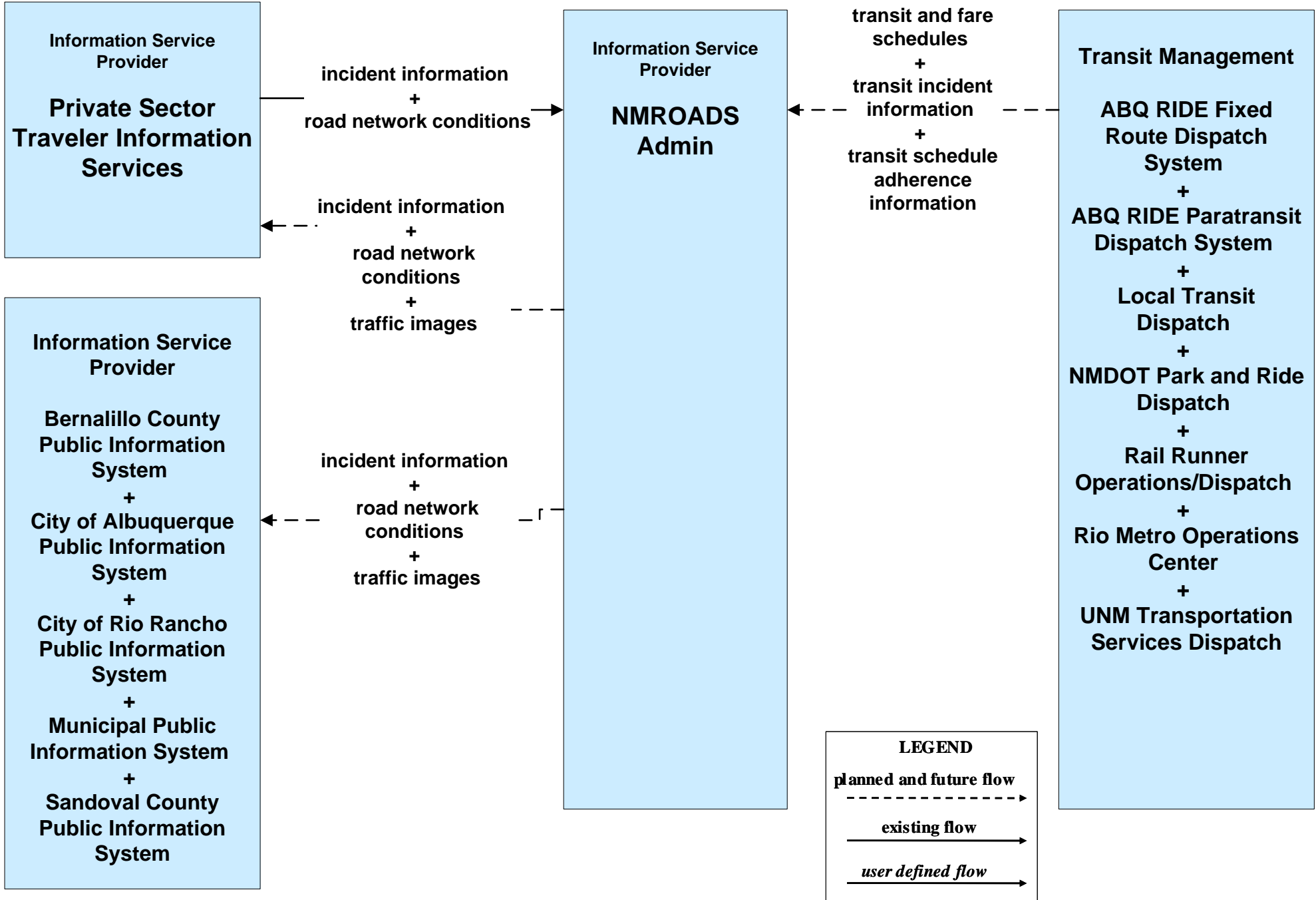
LEGEND

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

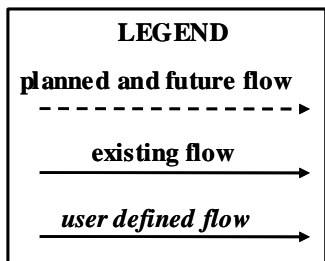
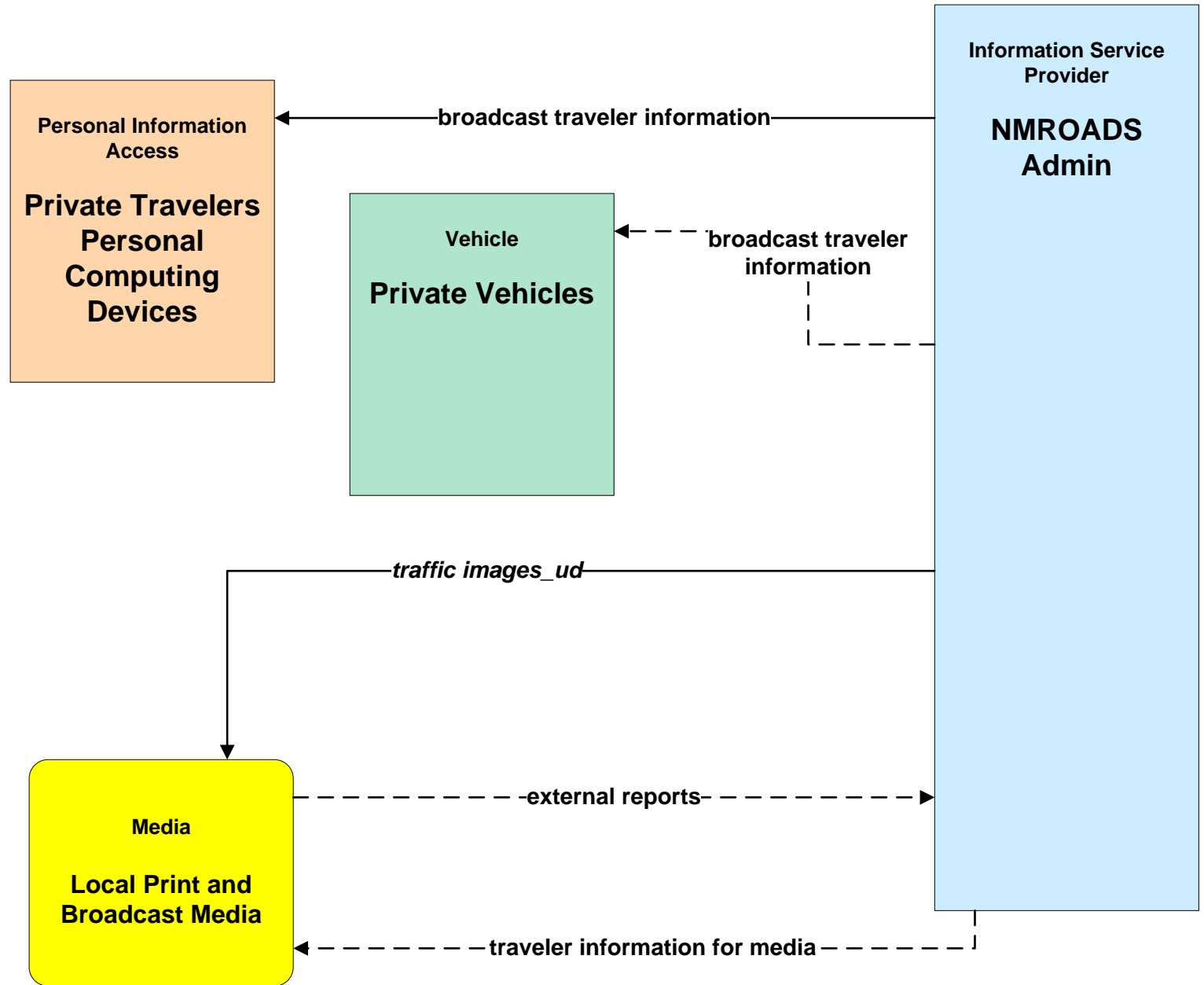
**ATIS01 - Broadcast Traveler Information
NMDOT District 3 (1 of 3) – Inputs**



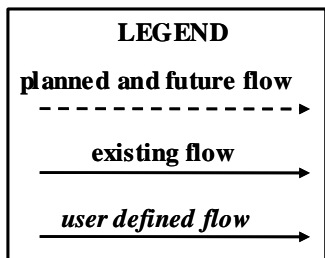
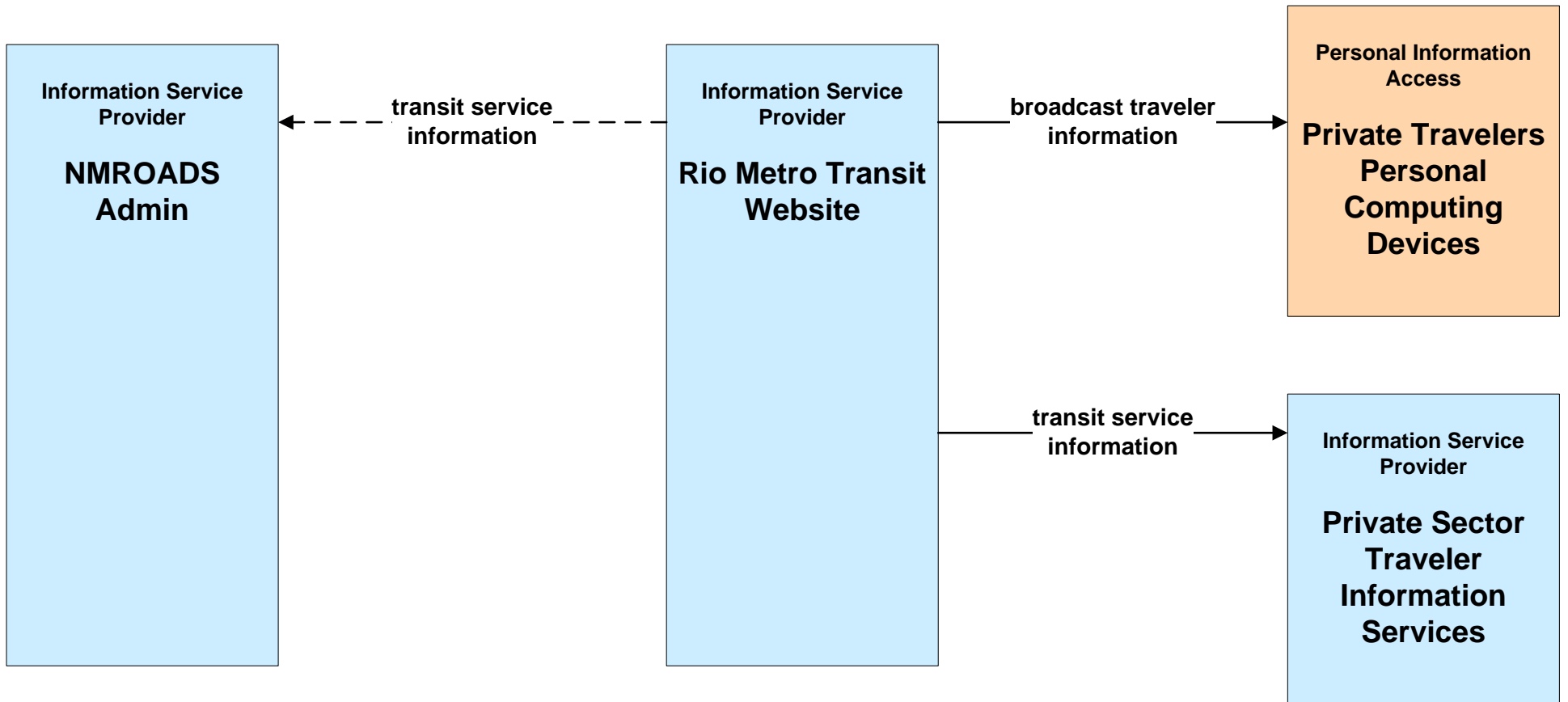
**ATIS01 - Broadcast Traveler Information
NMDOT District 3 (2 of 3) – Inputs**



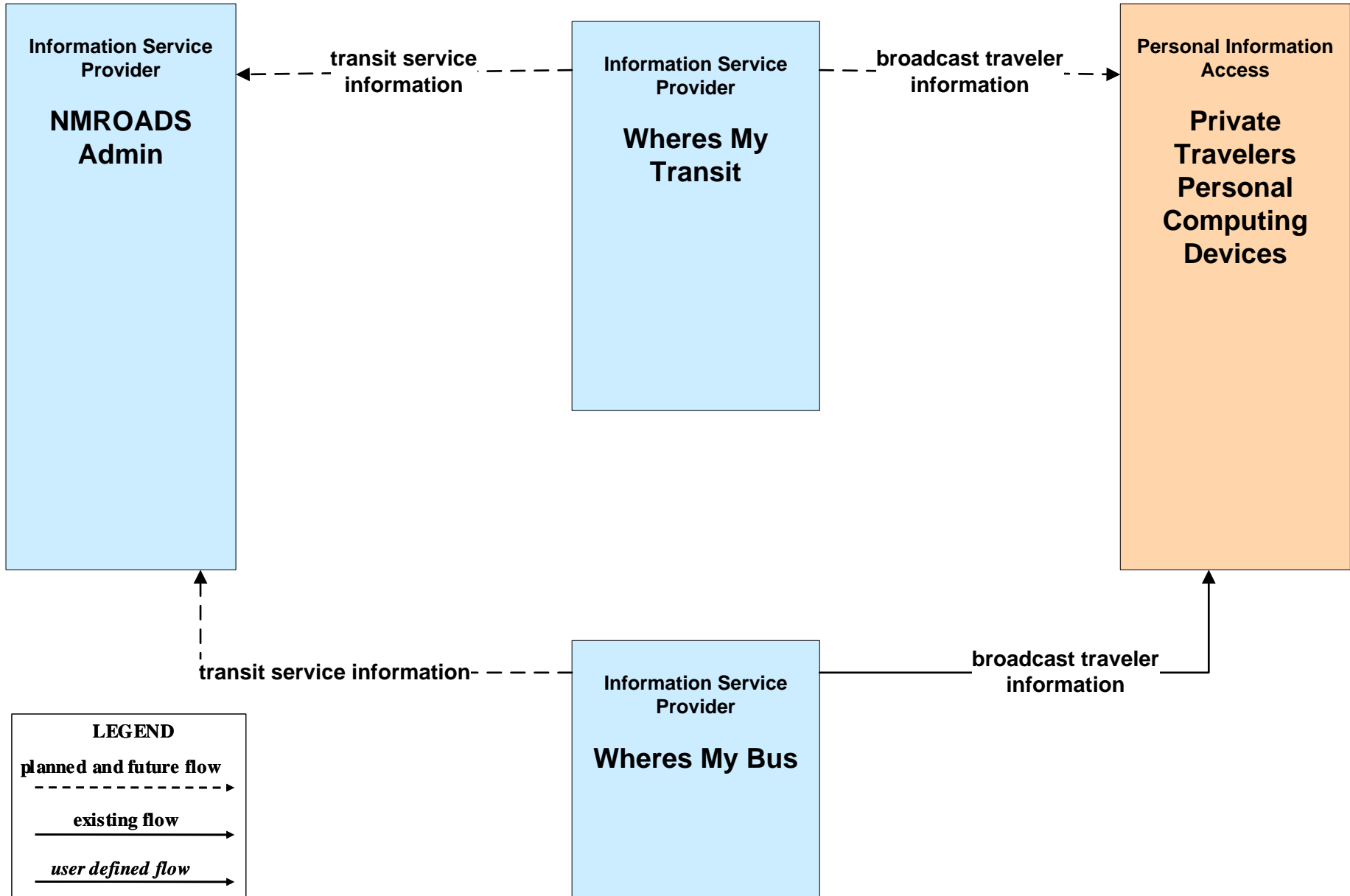
**ATIS01 - Broadcast Traveler Information
NMDOT District 3 (3 of 3) – Outputs**



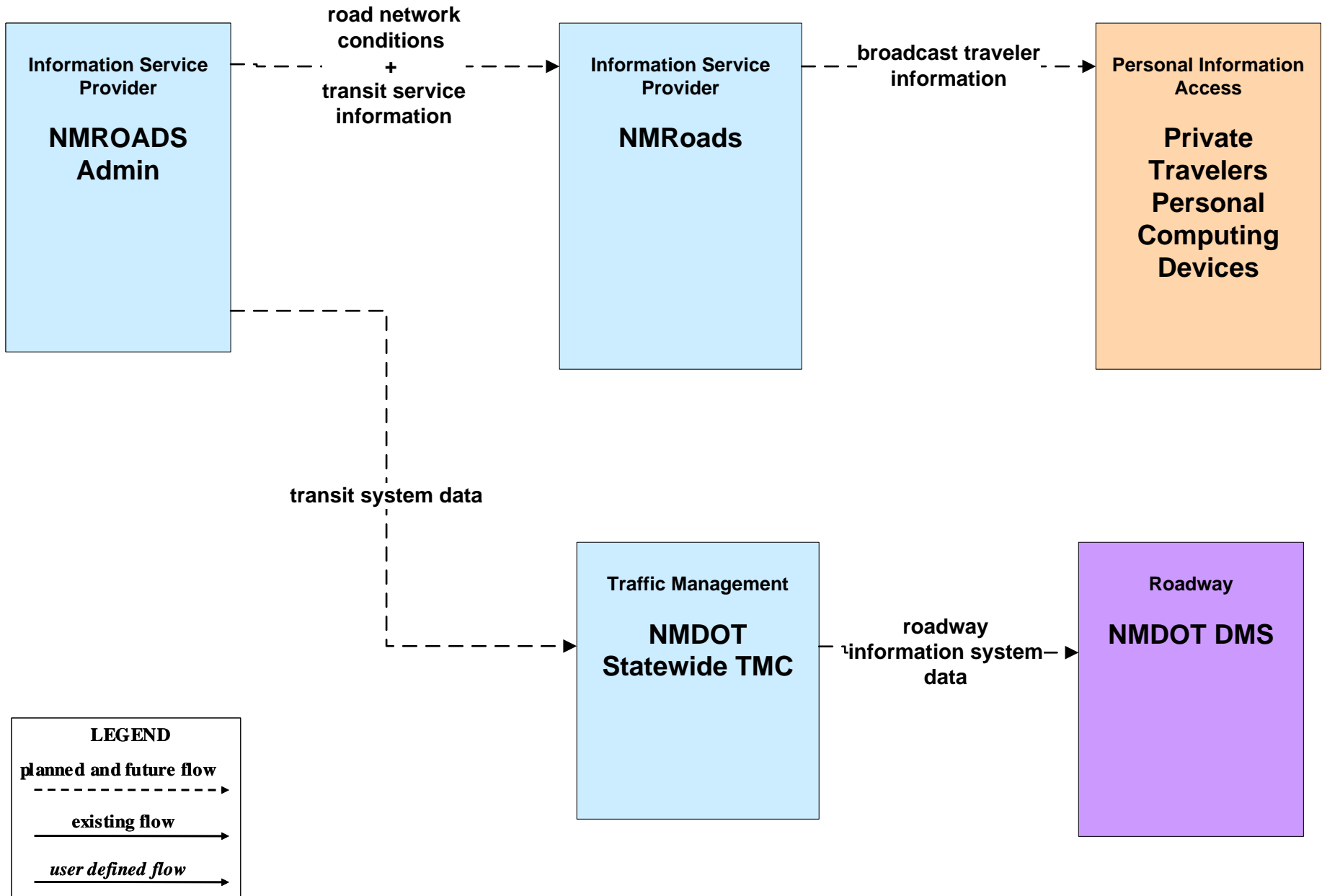
**ATIS01 - Broadcast Traveler Information
Rio Metro**



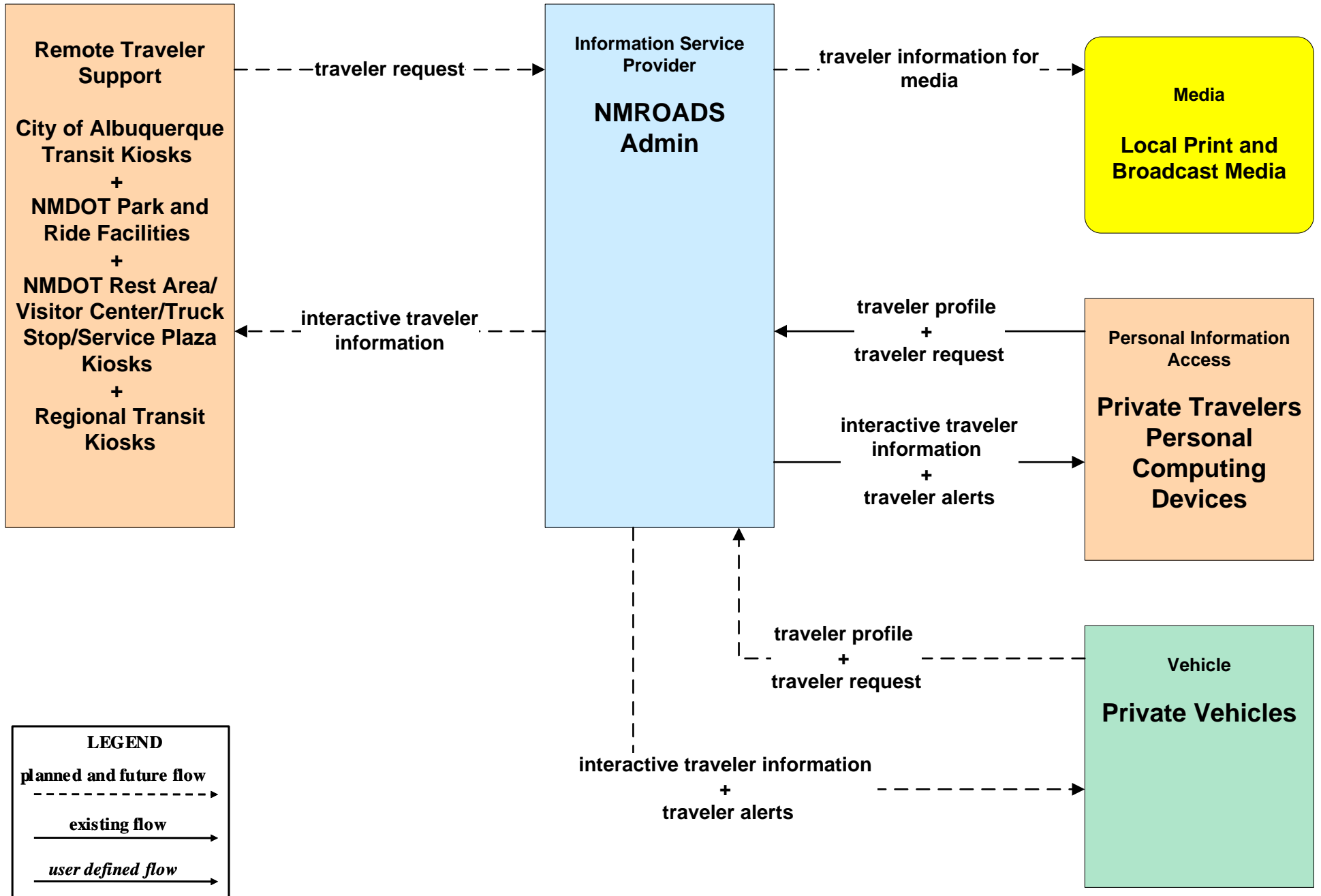
ATIS01 - Broadcast Traveler Information Wheres My Transit?



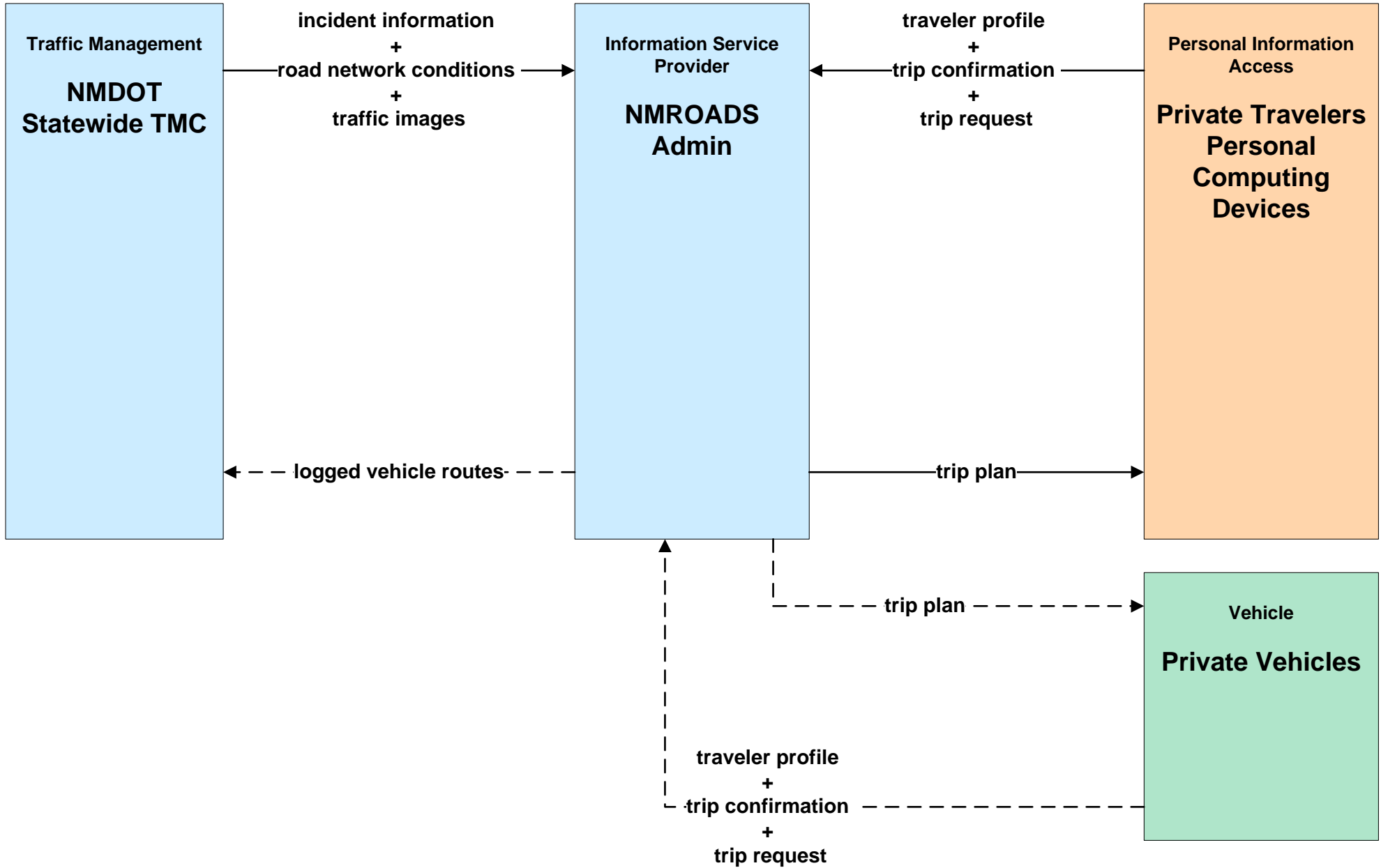
ATIS01 - Broadcast Traveler Information Travel Demand Management



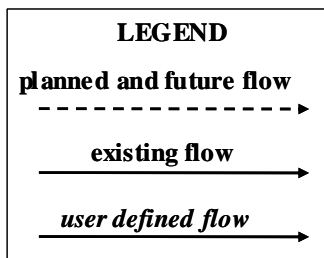
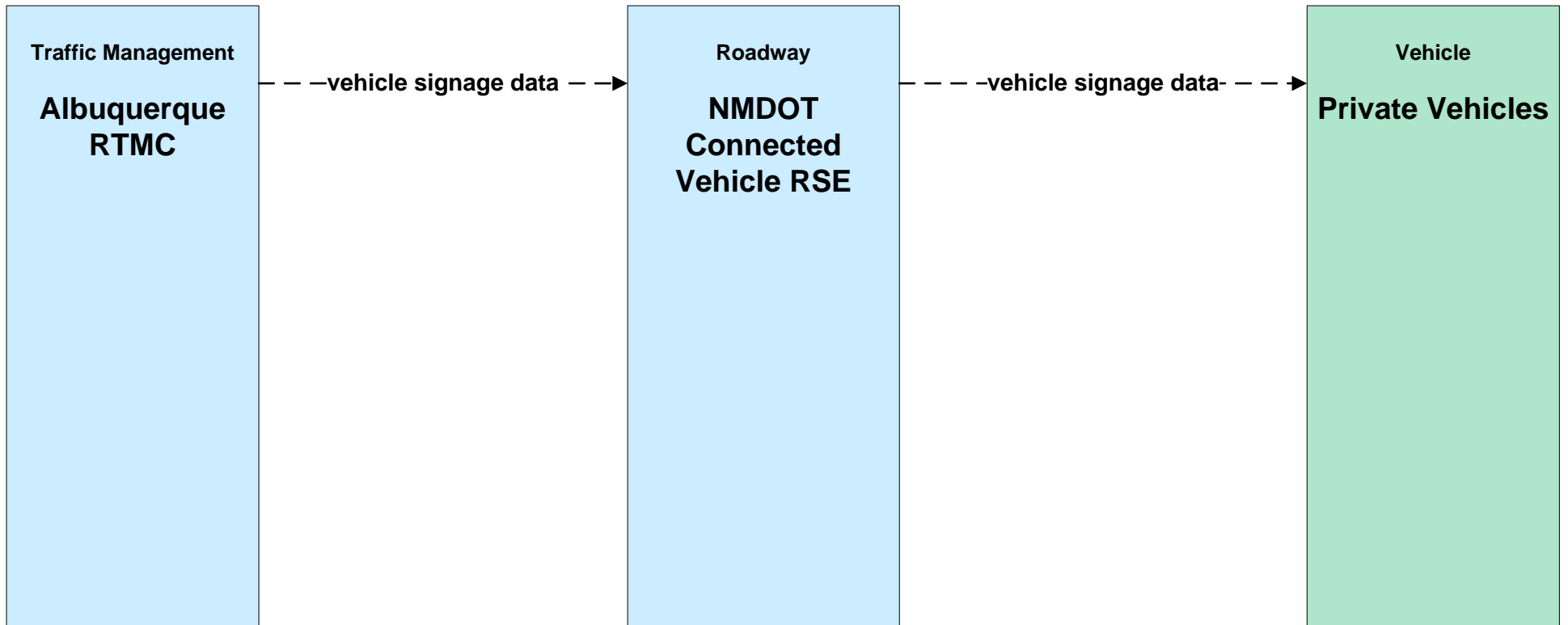
ATIS02 - Interactive Traveler Information NMDOT (2 of 2)



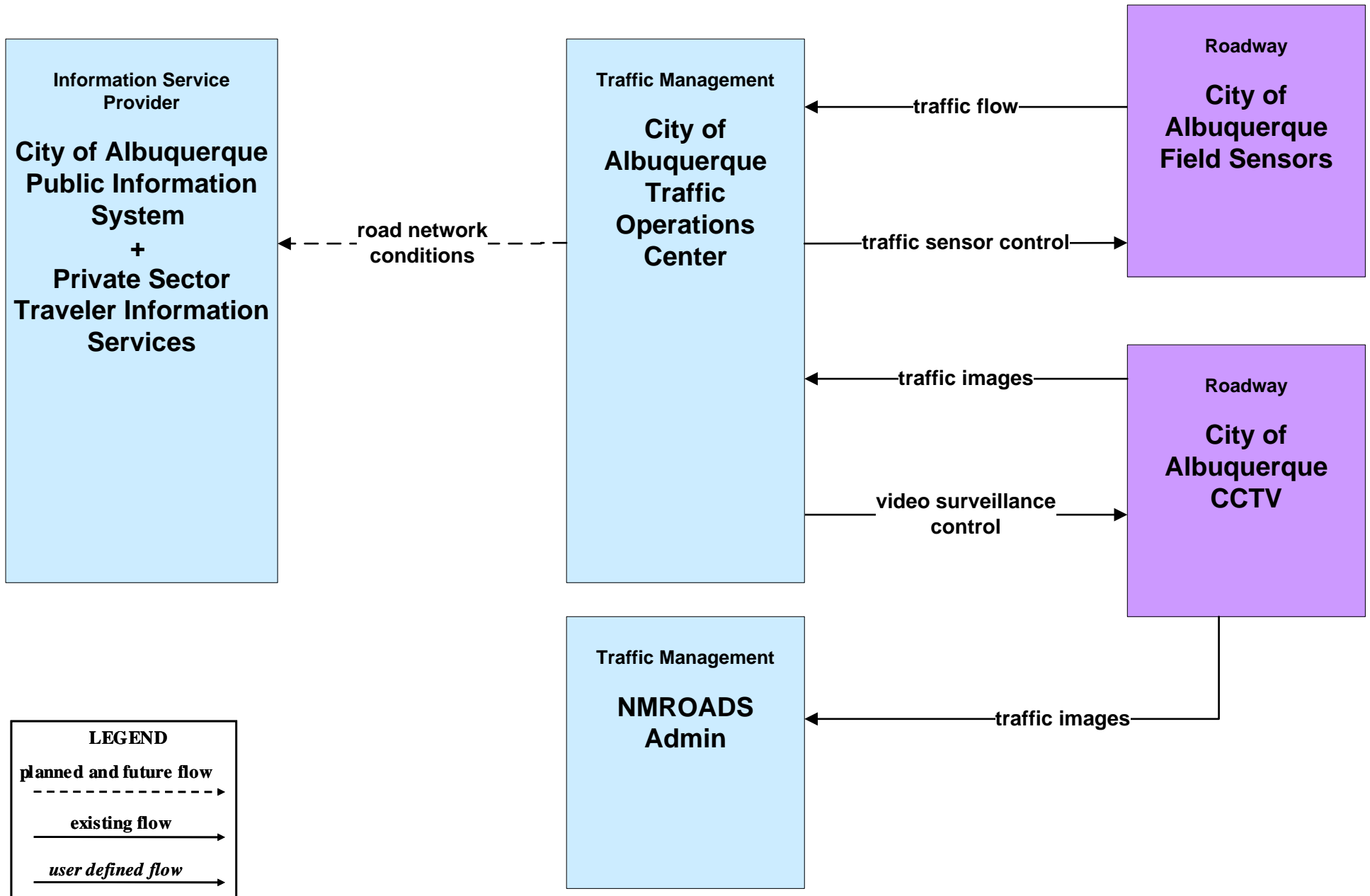
ATIS05 - ISP Based Trip Planning and Route Guidance NMDOT



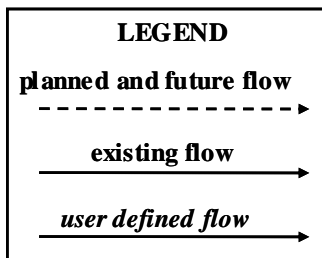
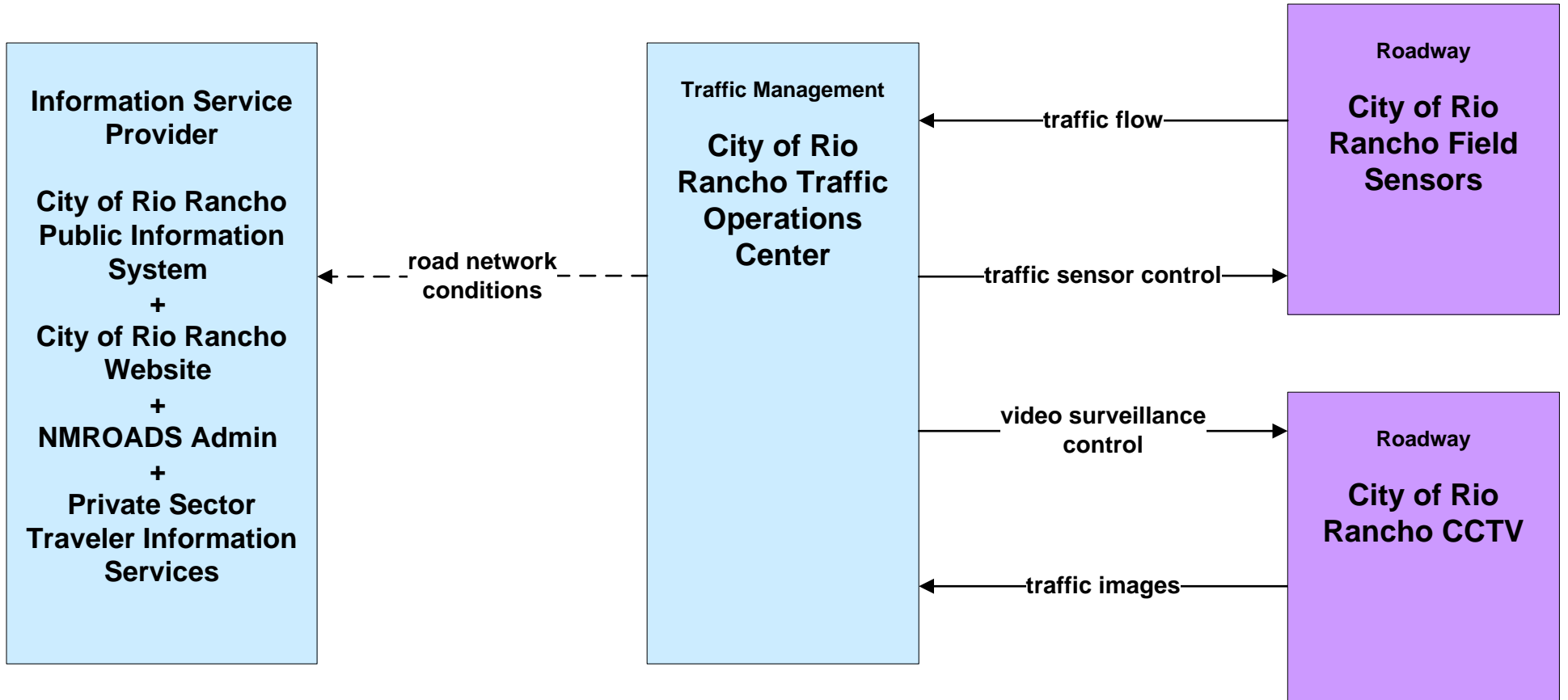
**ATIS09 - In Vehicle Signing
NMDOT**



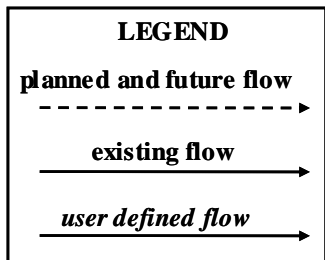
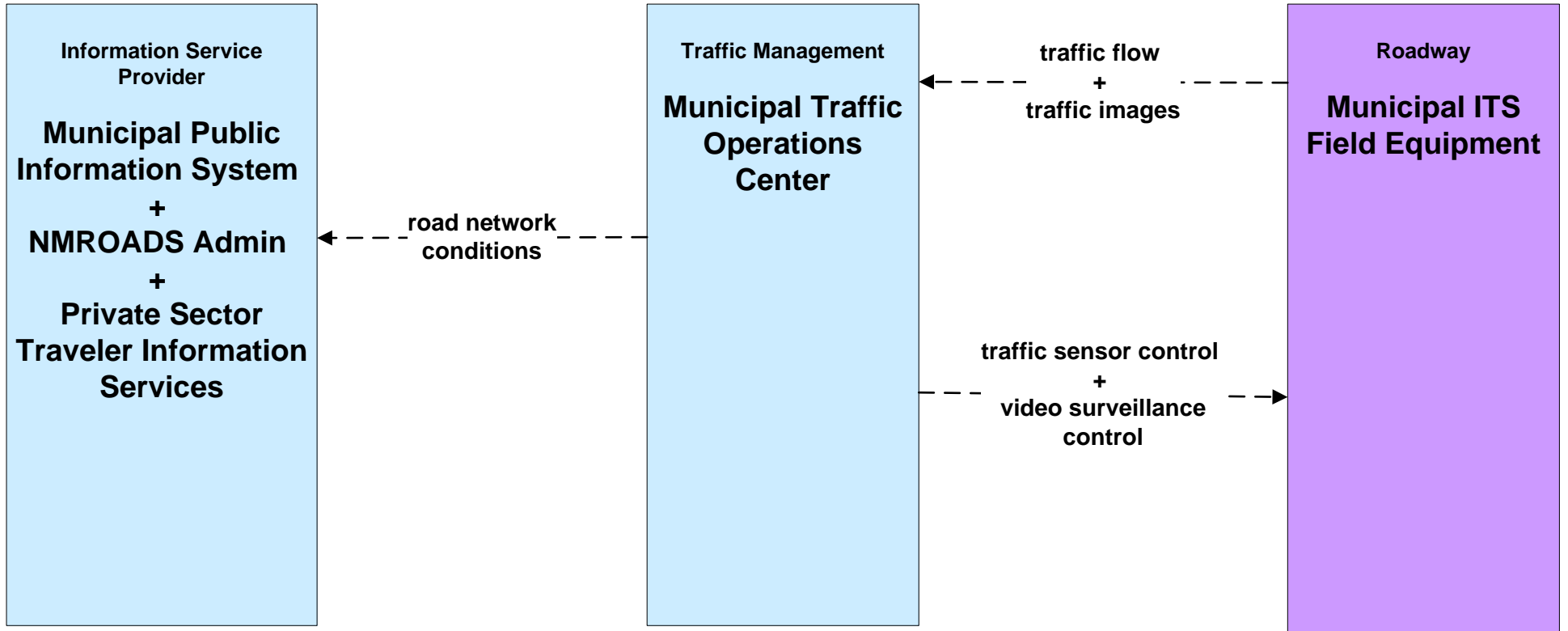
ATMS01 - Network Surveillance
City of Albuquerque



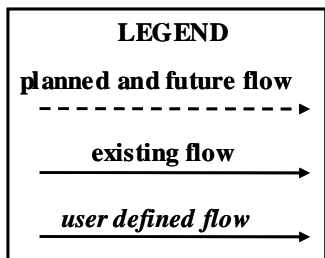
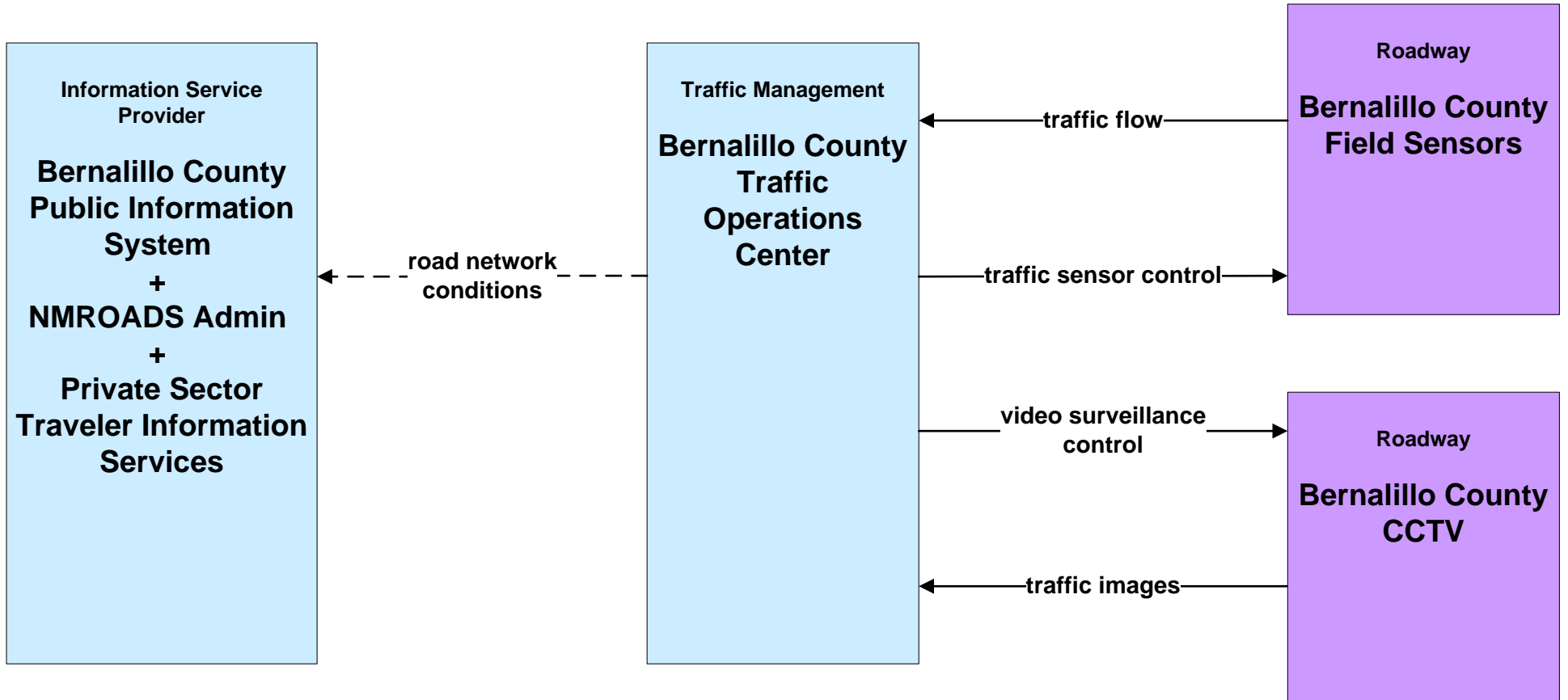
ATMS01 - Network Surveillance City of Rio Rancho



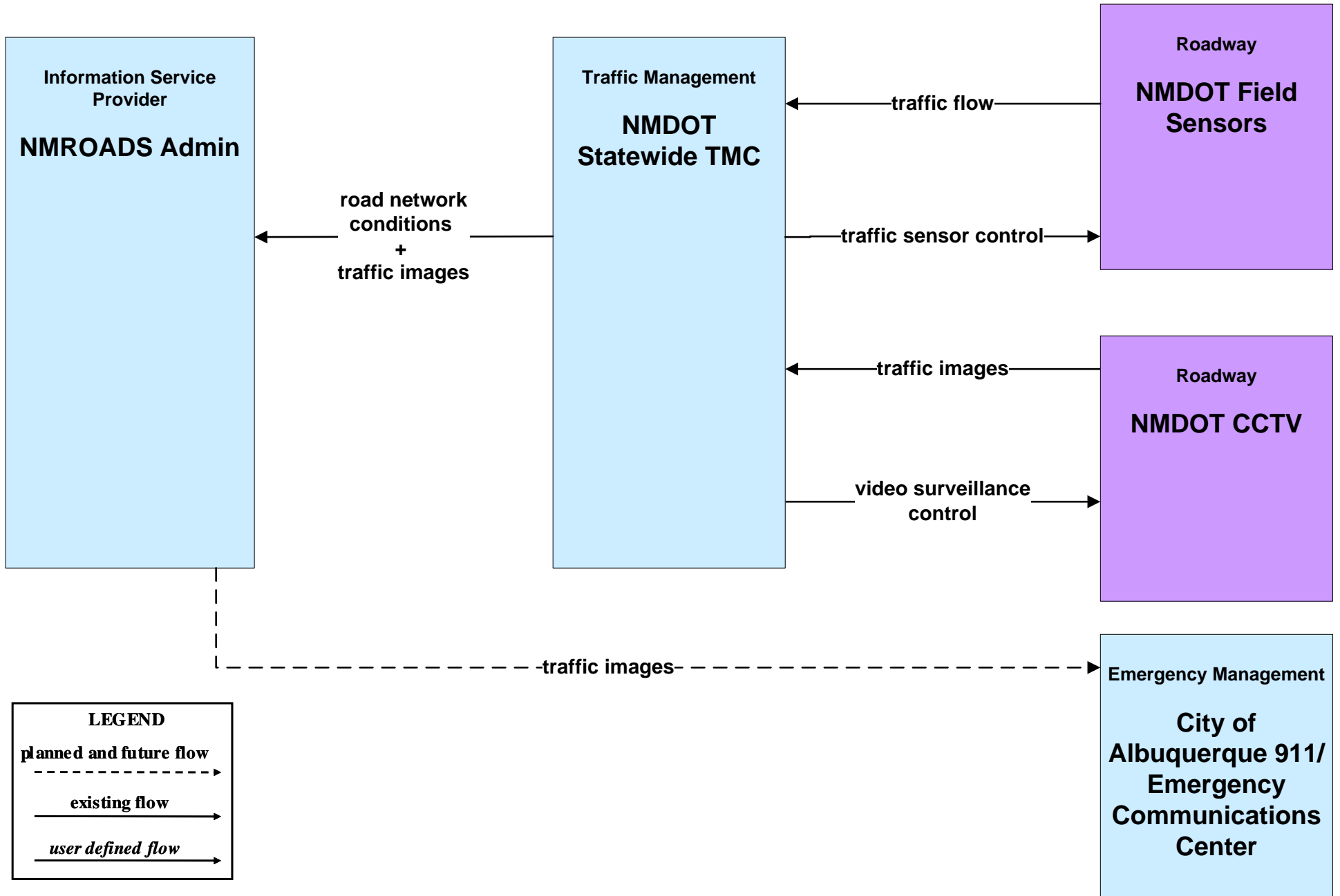
ATMS01 - Network Surveillance Municipalities



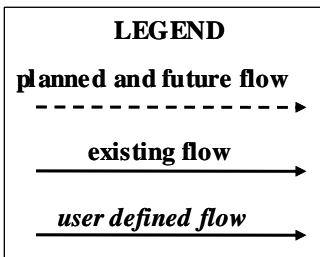
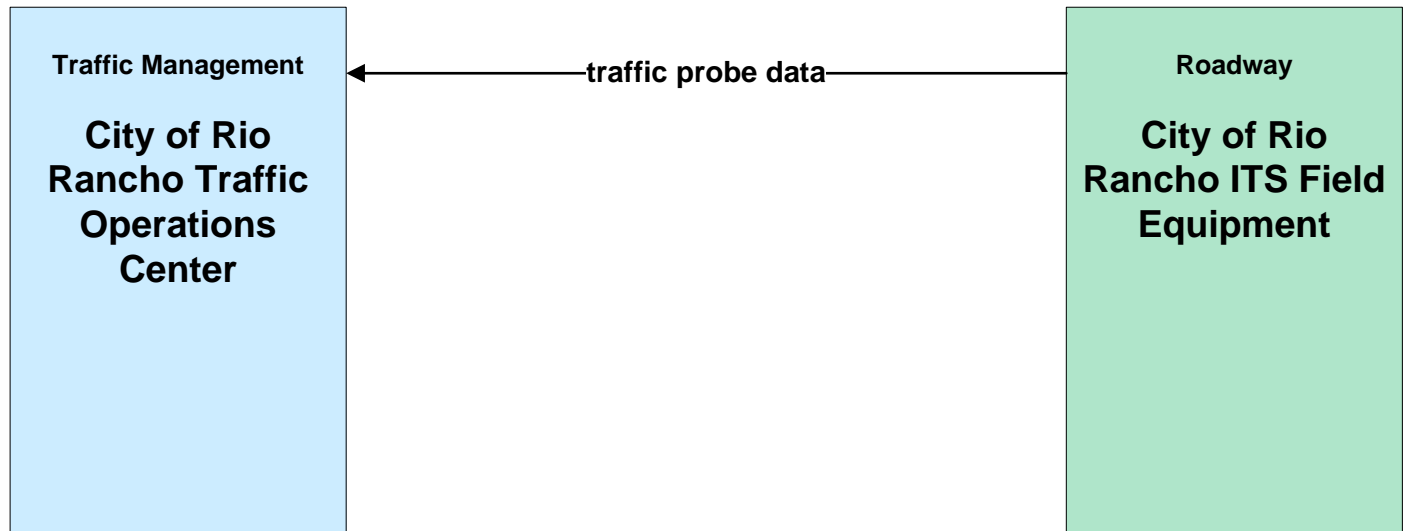
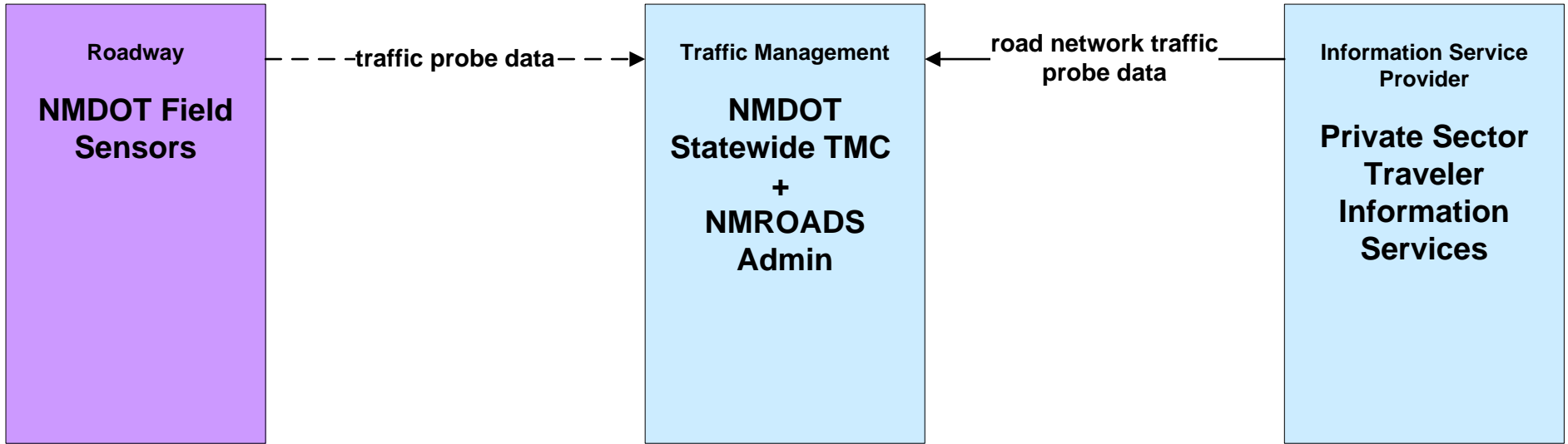
ATMS01 - Network Surveillance Bernalillo County



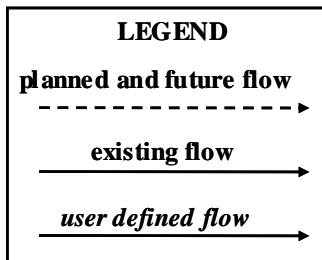
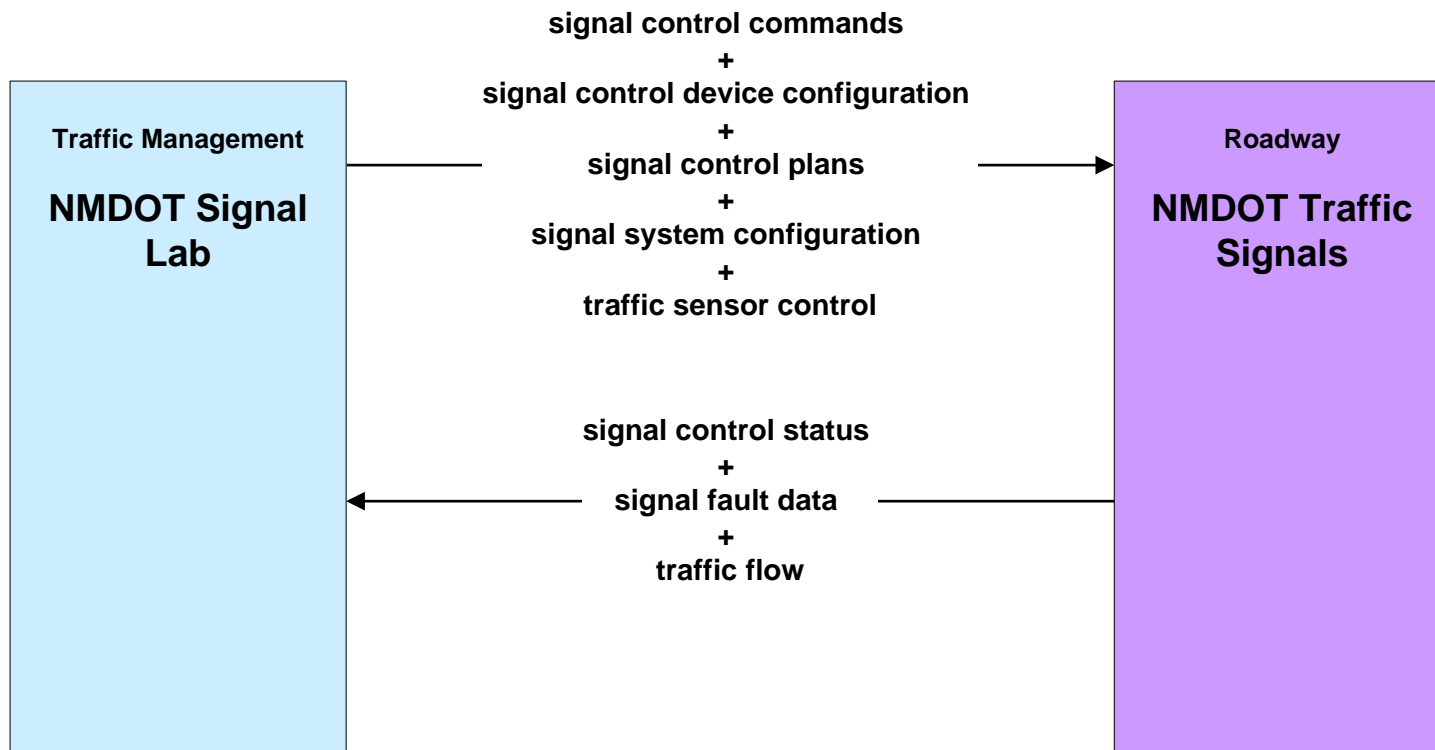
**ATMS01 - Network Surveillance
NMDOT – Statewide TMC**



**ATMS02 - Traffic Probe Surveillance
City of Rio Rancho/NMDOT**

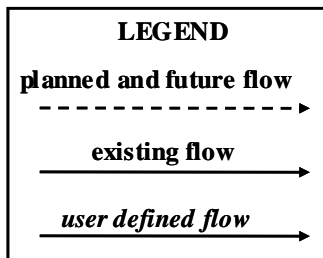
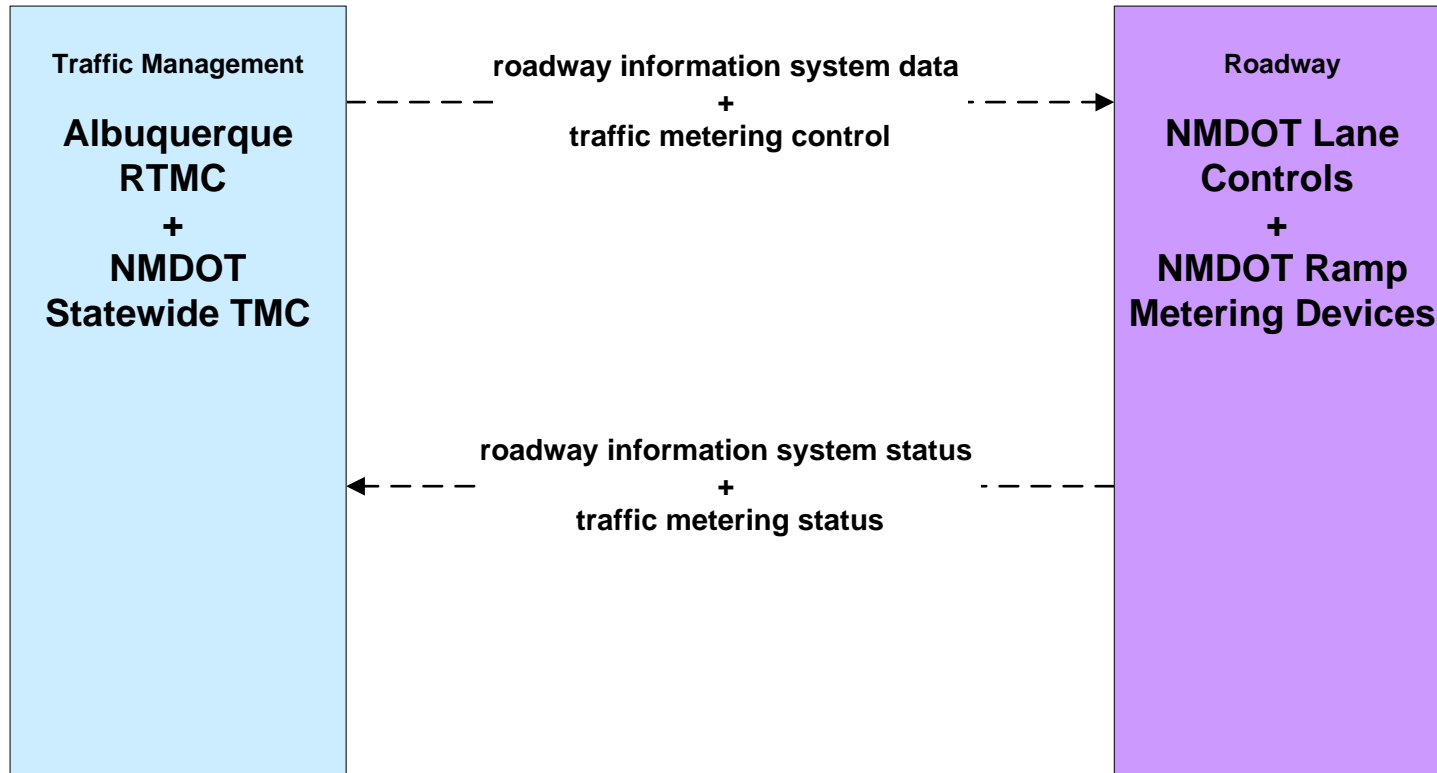


ATMS03 - Traffic Signal Control NMDOT

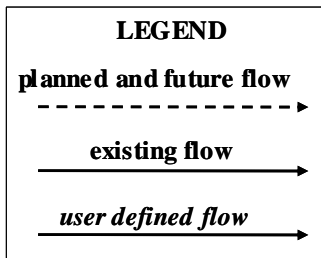
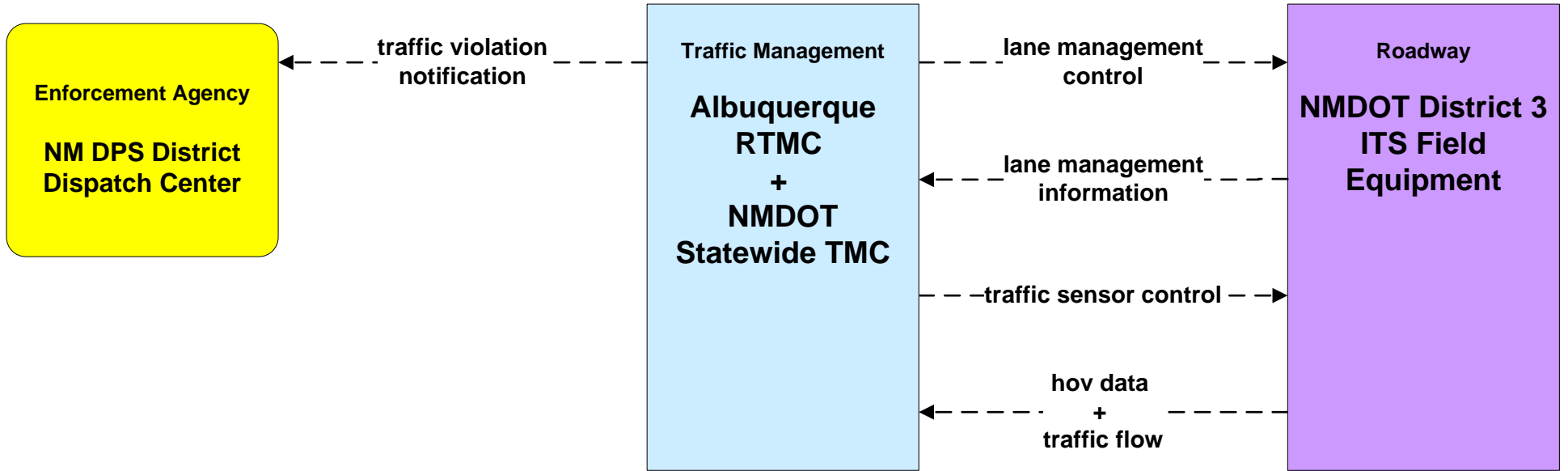


NOTE: For all NMDOT signals, including signals on Rt. 550 and for signals in Sandoval County

ATMS04 - Traffic Metering NMDOT



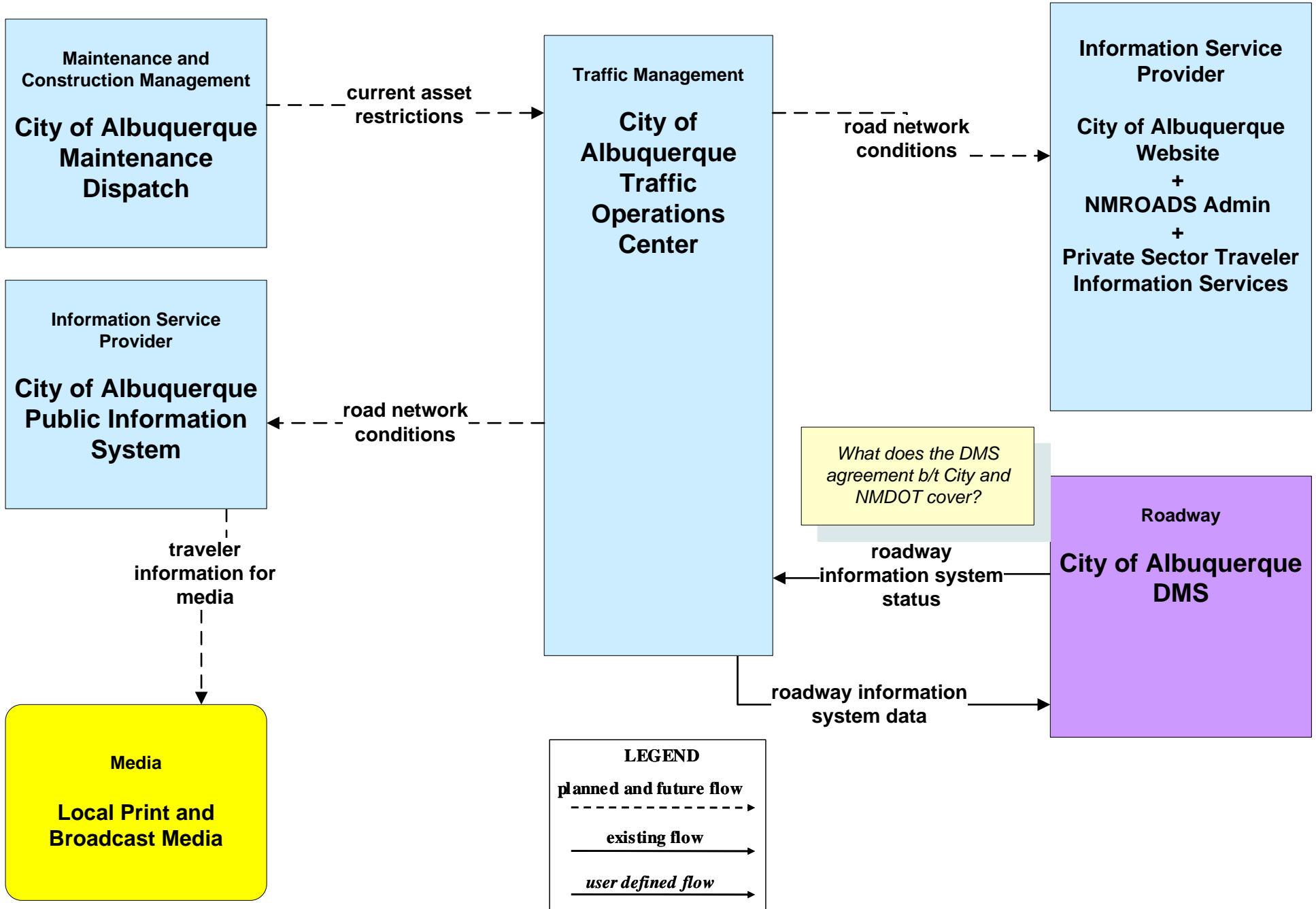
ATMS05 - HOV Lane Management NMDOT



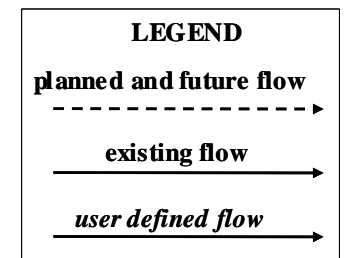
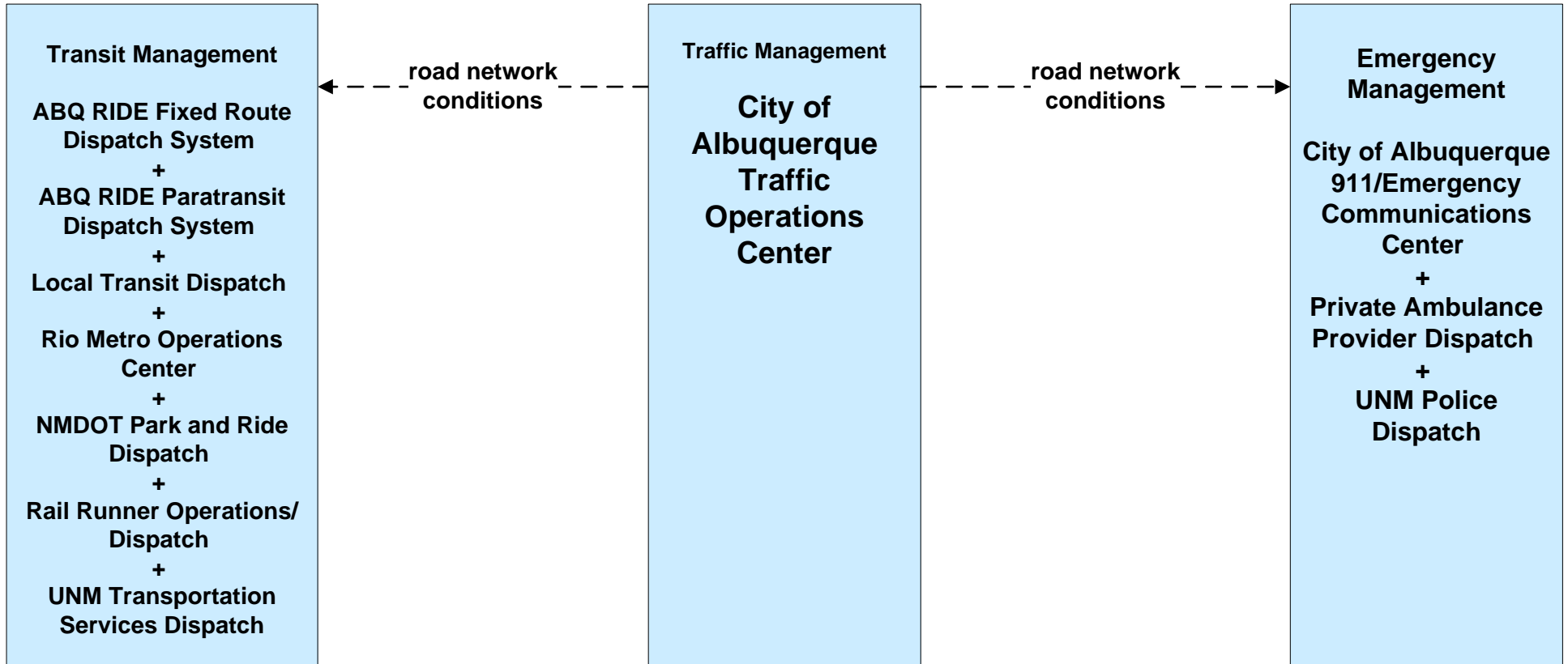
NOTE: HOV lane is a managed lane (e.g. Truck Lane, Carpool Lane, HOT Lane, HOV River Crossing, etc.) controlled by signals, timing or other means.

ATMS06 - Traffic Information Dissemination

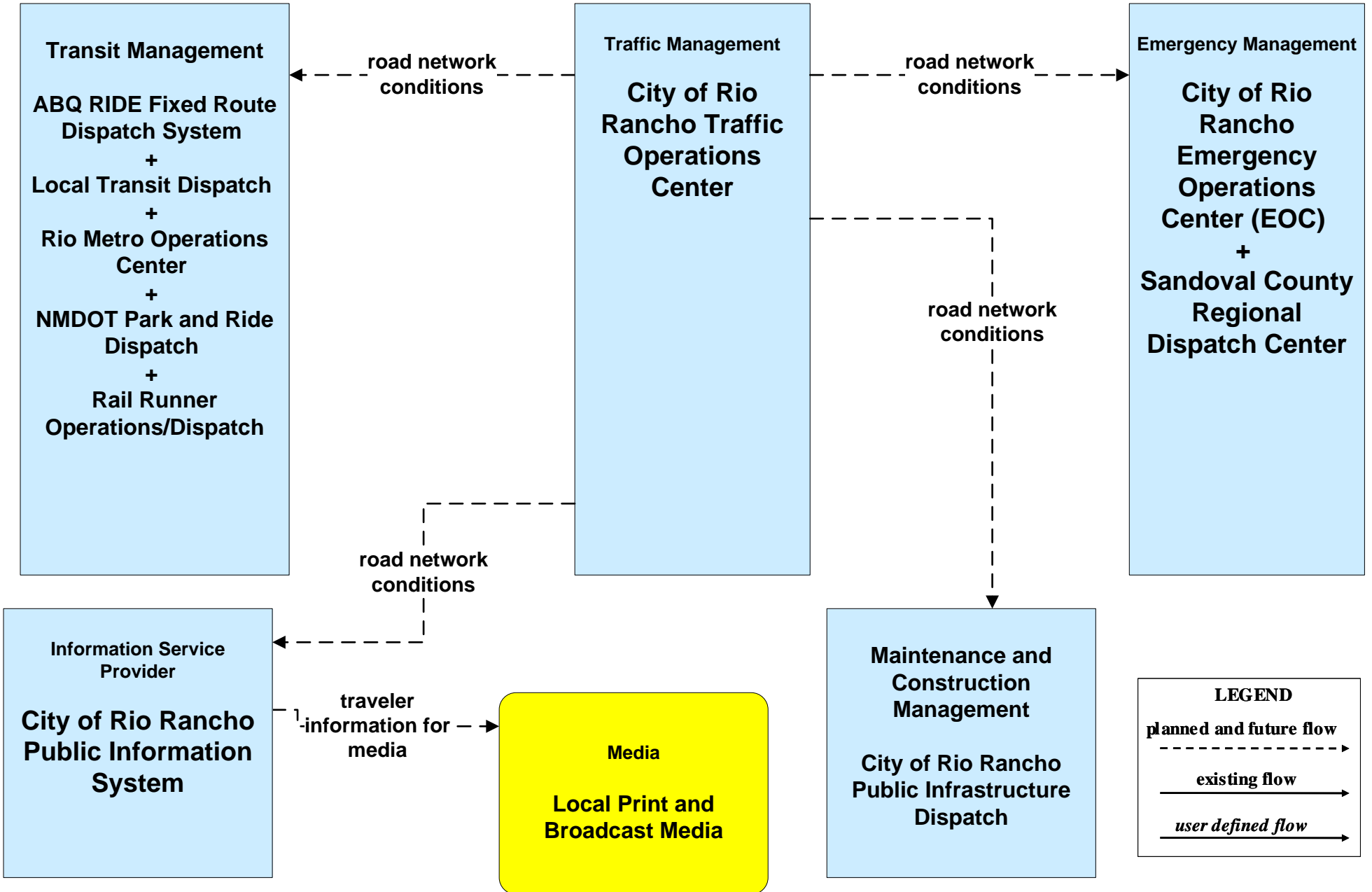
City of Albuquerque (1 of 2)



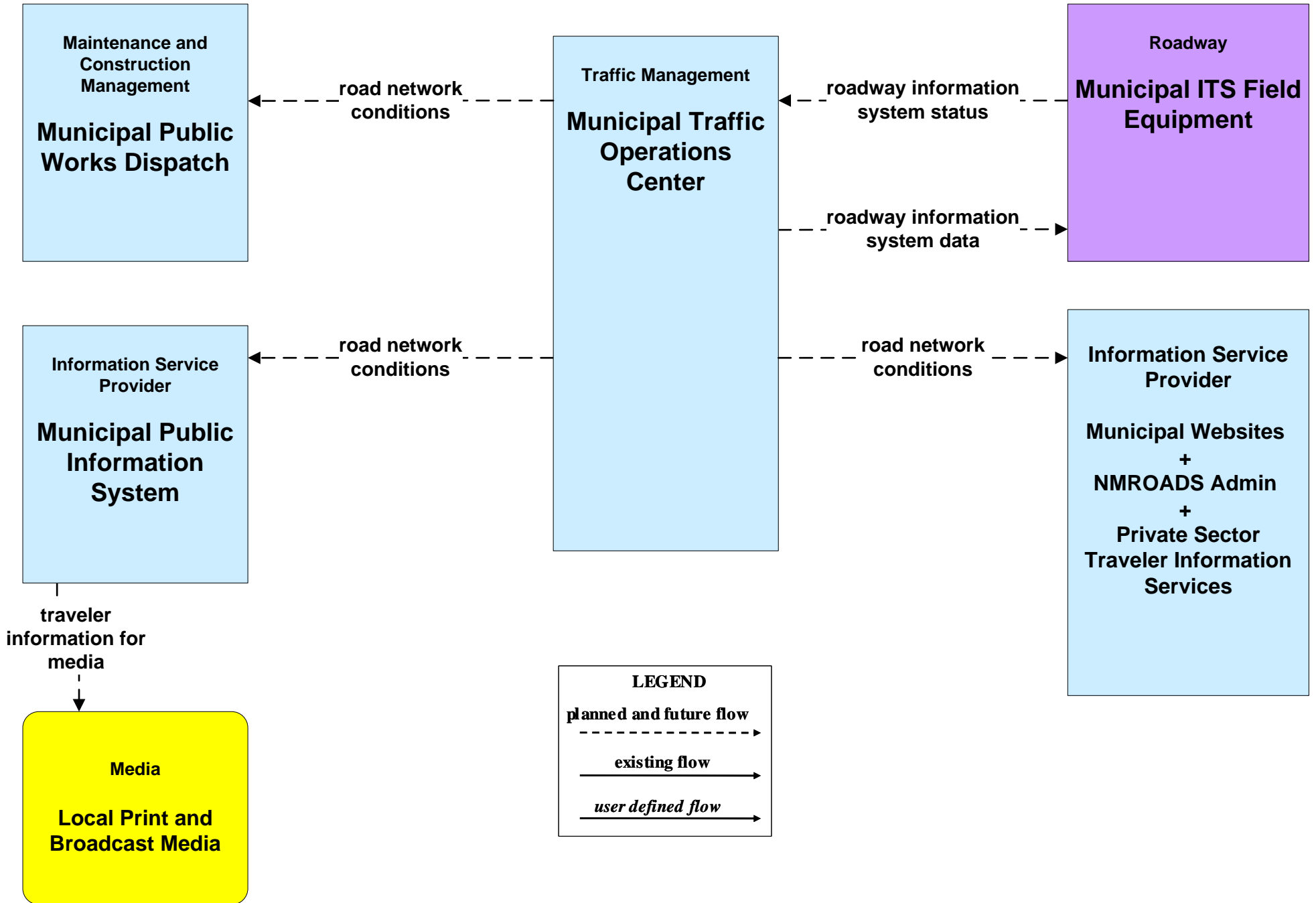
**ATMS06 - Traffic Information Dissemination
City of Albuquerque (2 of 2)**



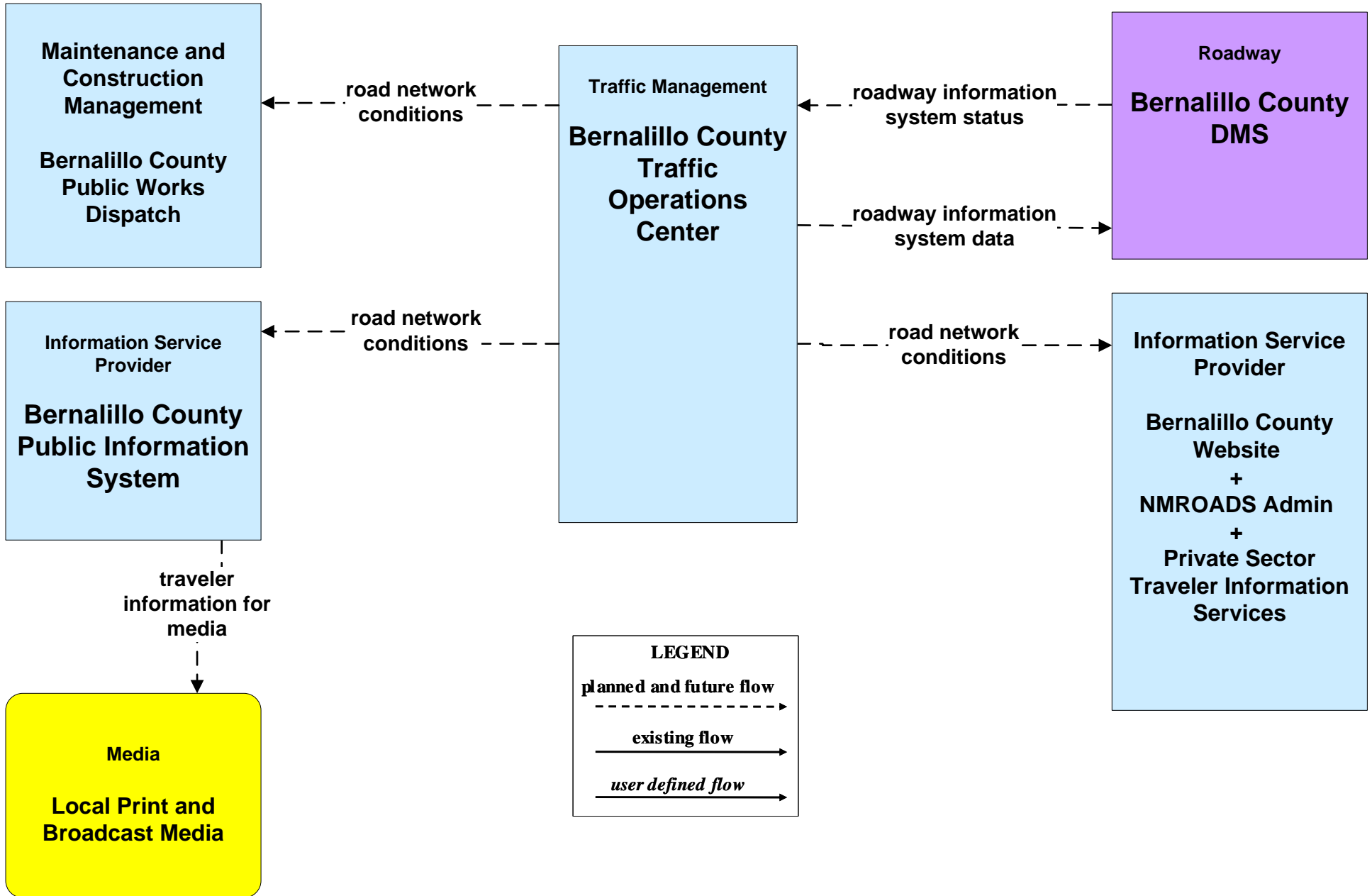
ATMS06 - Traffic Information Dissemination City of Rio Rancho



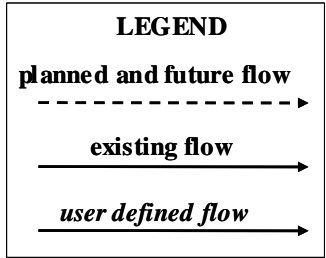
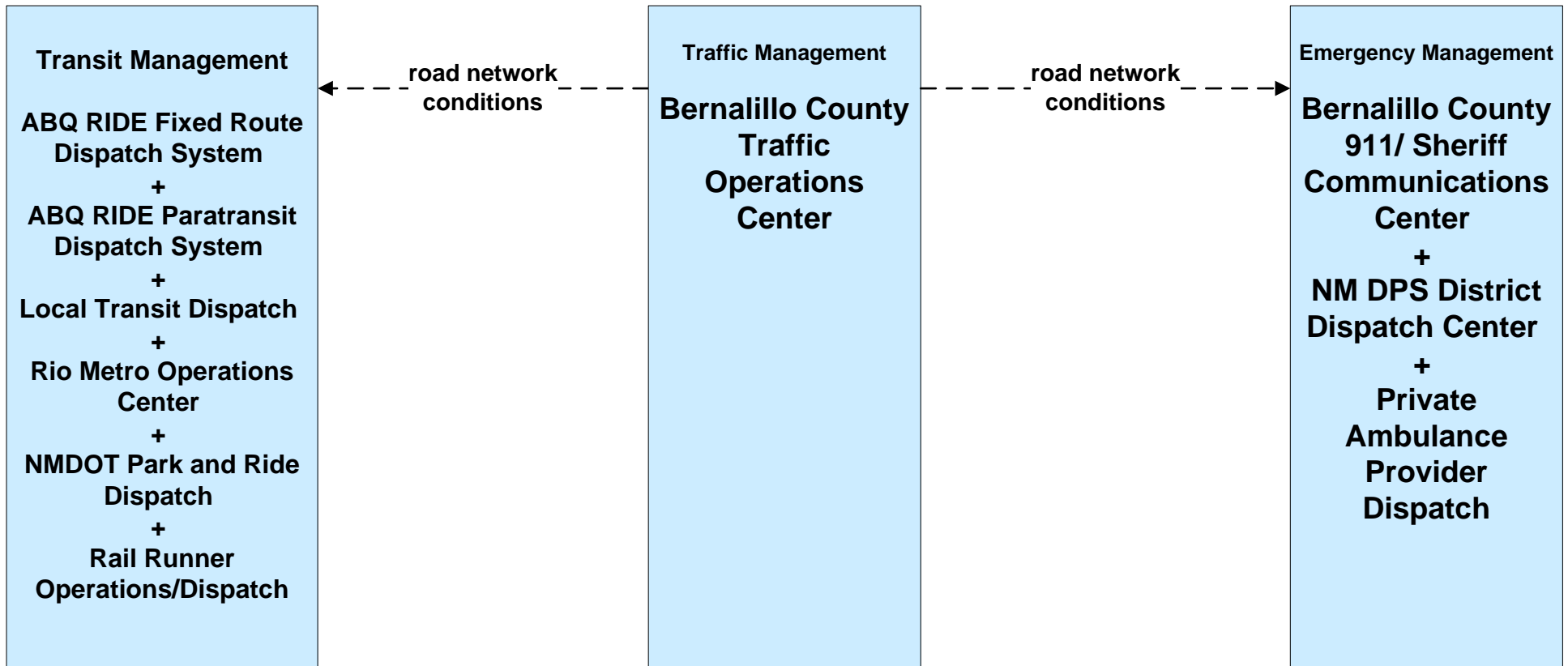
ATMS06 - Traffic Information Dissemination Municipalities (1 of 2)



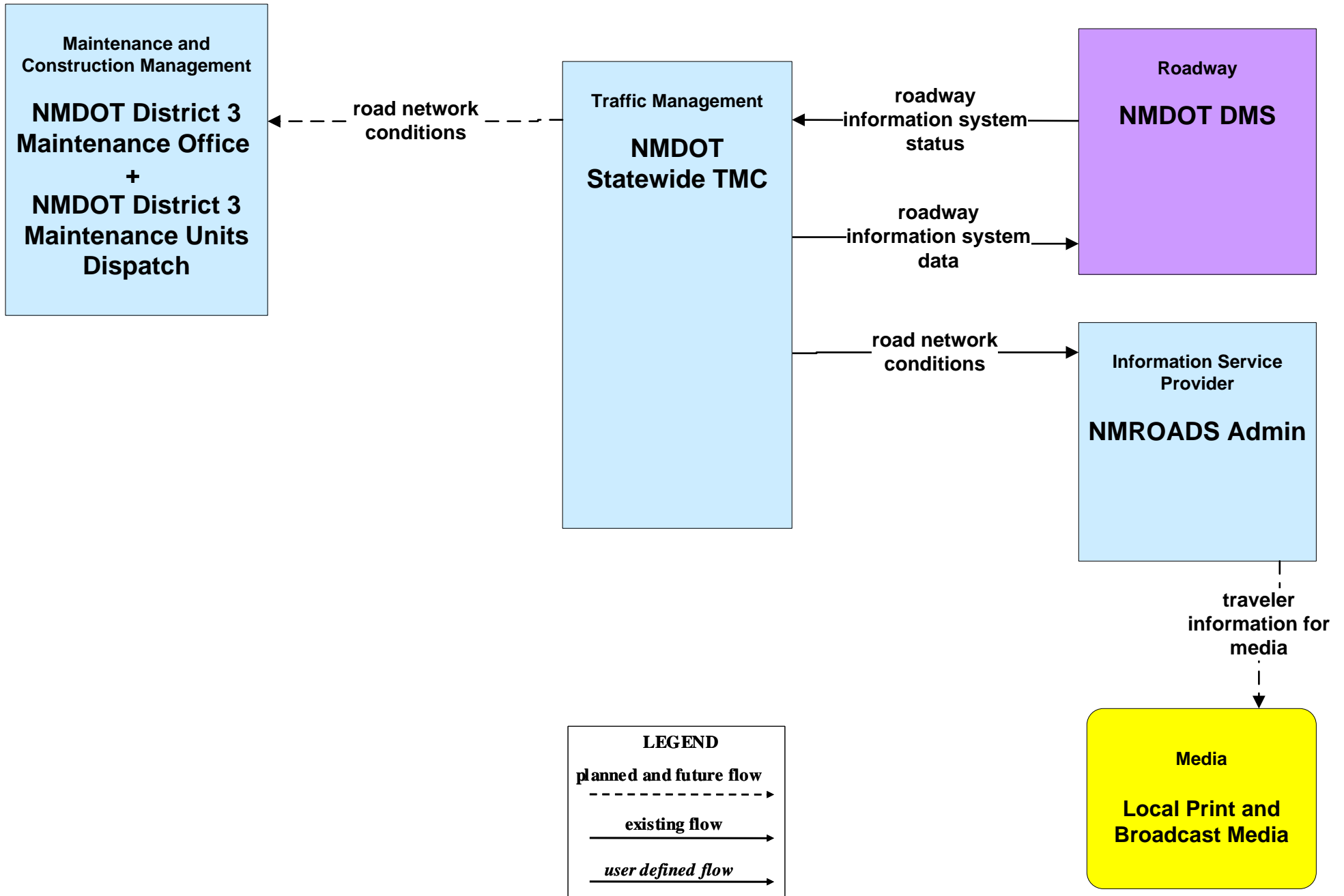
ATMS06 - Traffic Information Dissemination Bernalillo County (1 of 2)



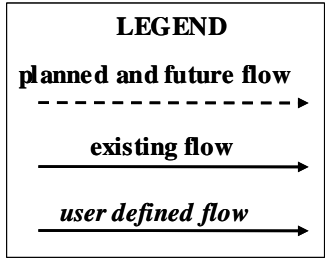
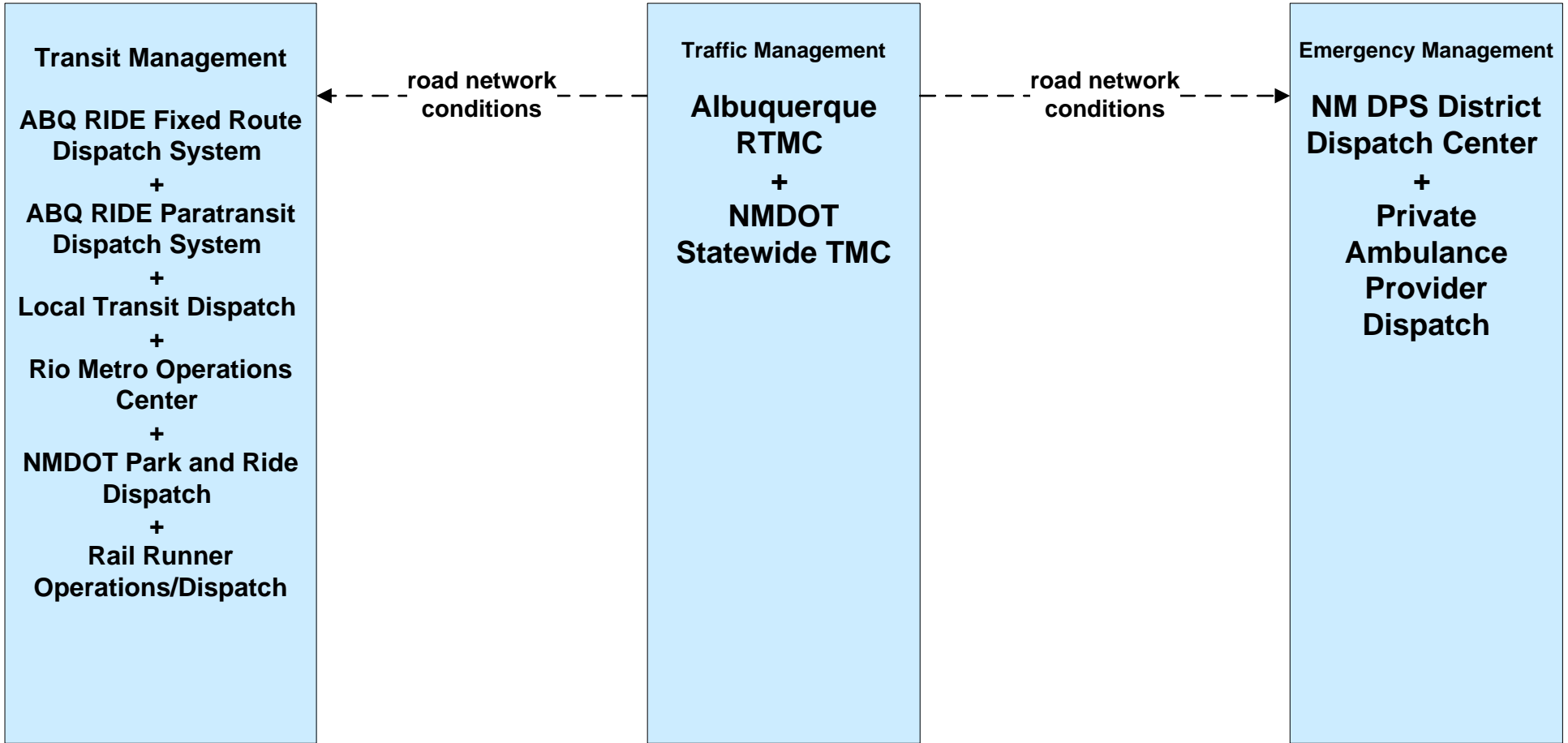
**ATMS06 - Traffic Information Dissemination
Bernalillo County (2 of 2)**



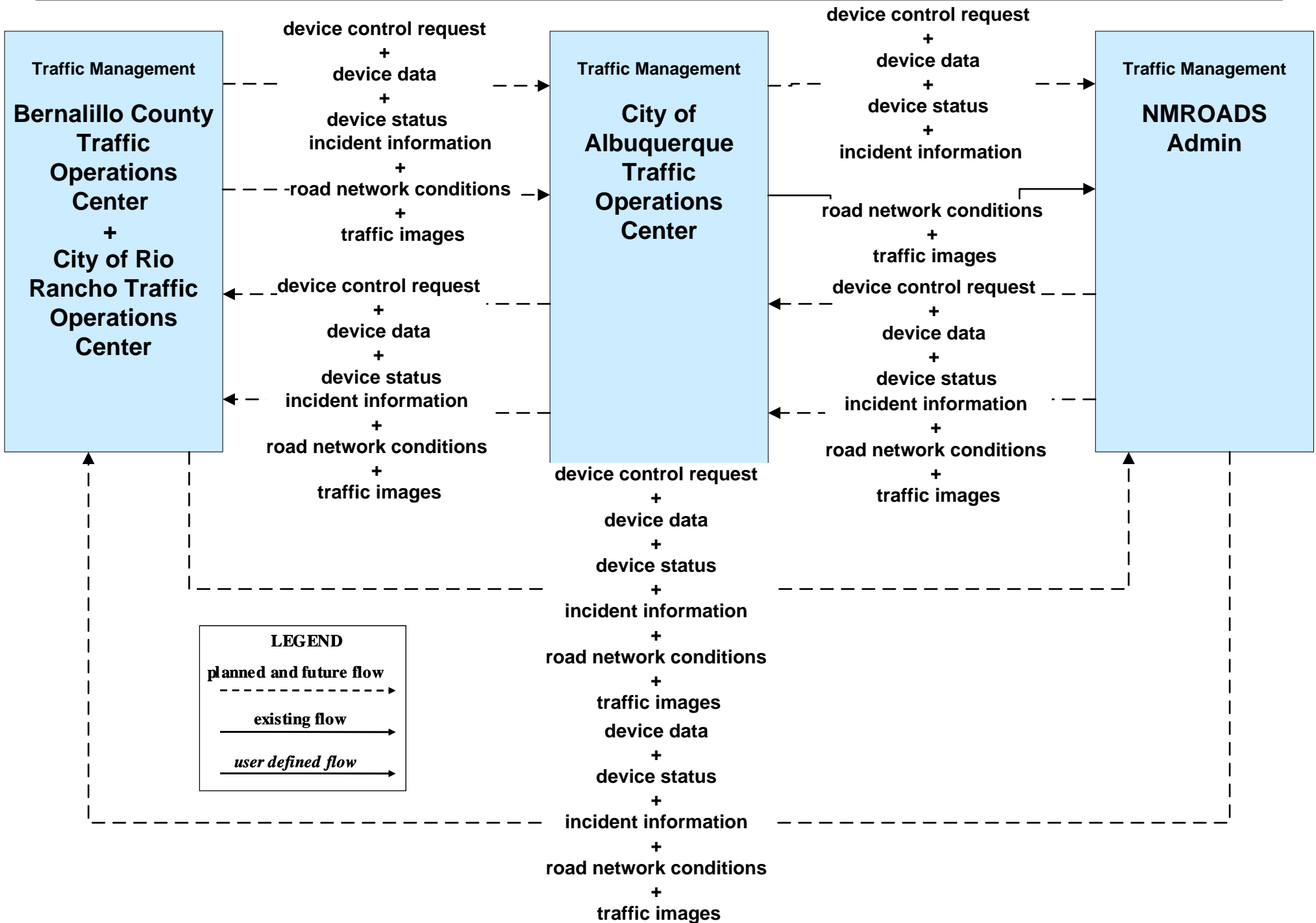
**ATMS06 - Traffic Information Dissemination
NMDOT (1 of 2)**



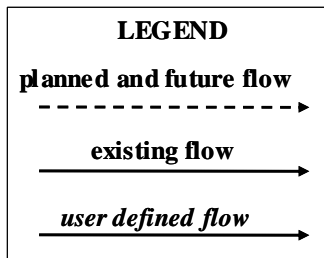
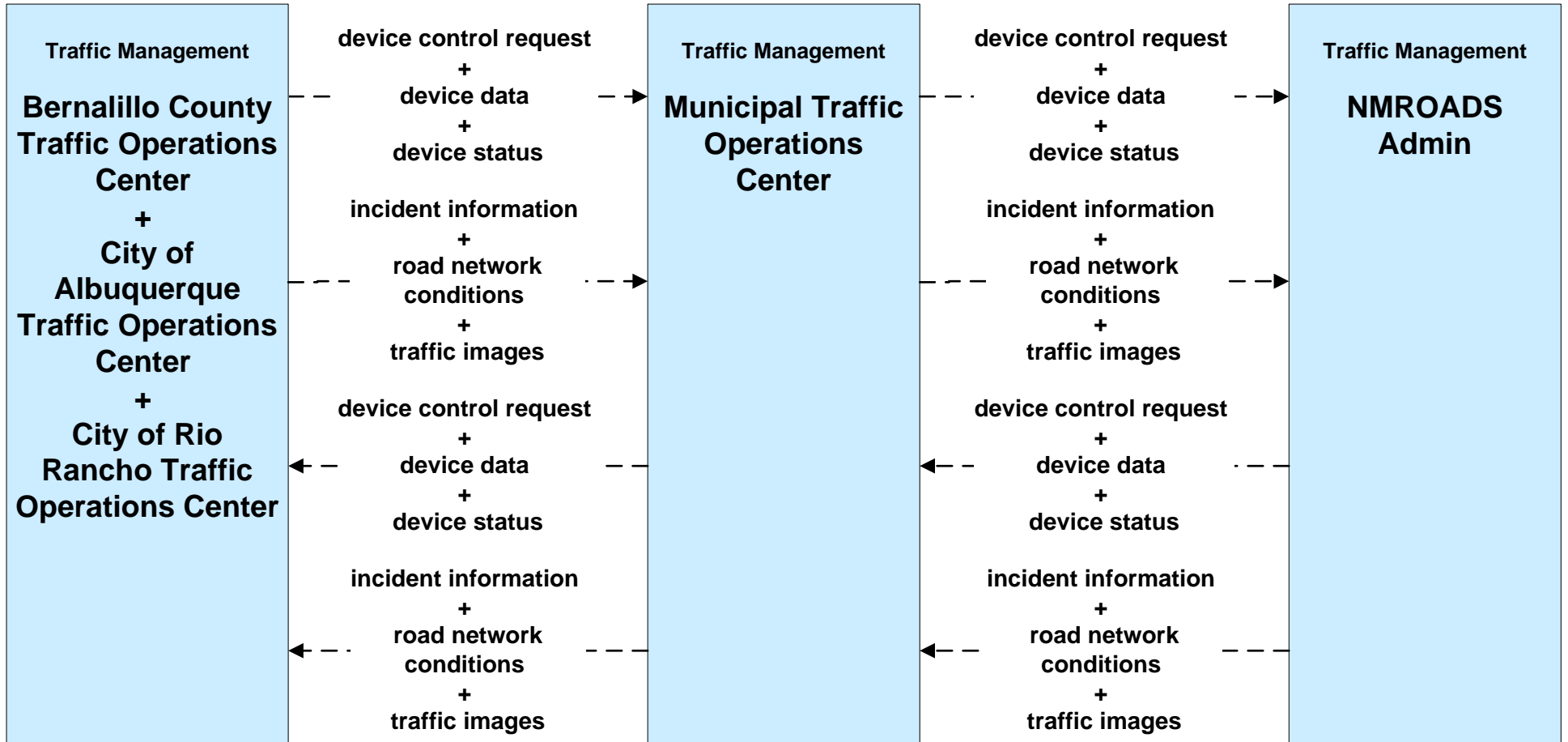
**ATMS06 - Traffic Information Dissemination
NMDOT (2 of 2)**



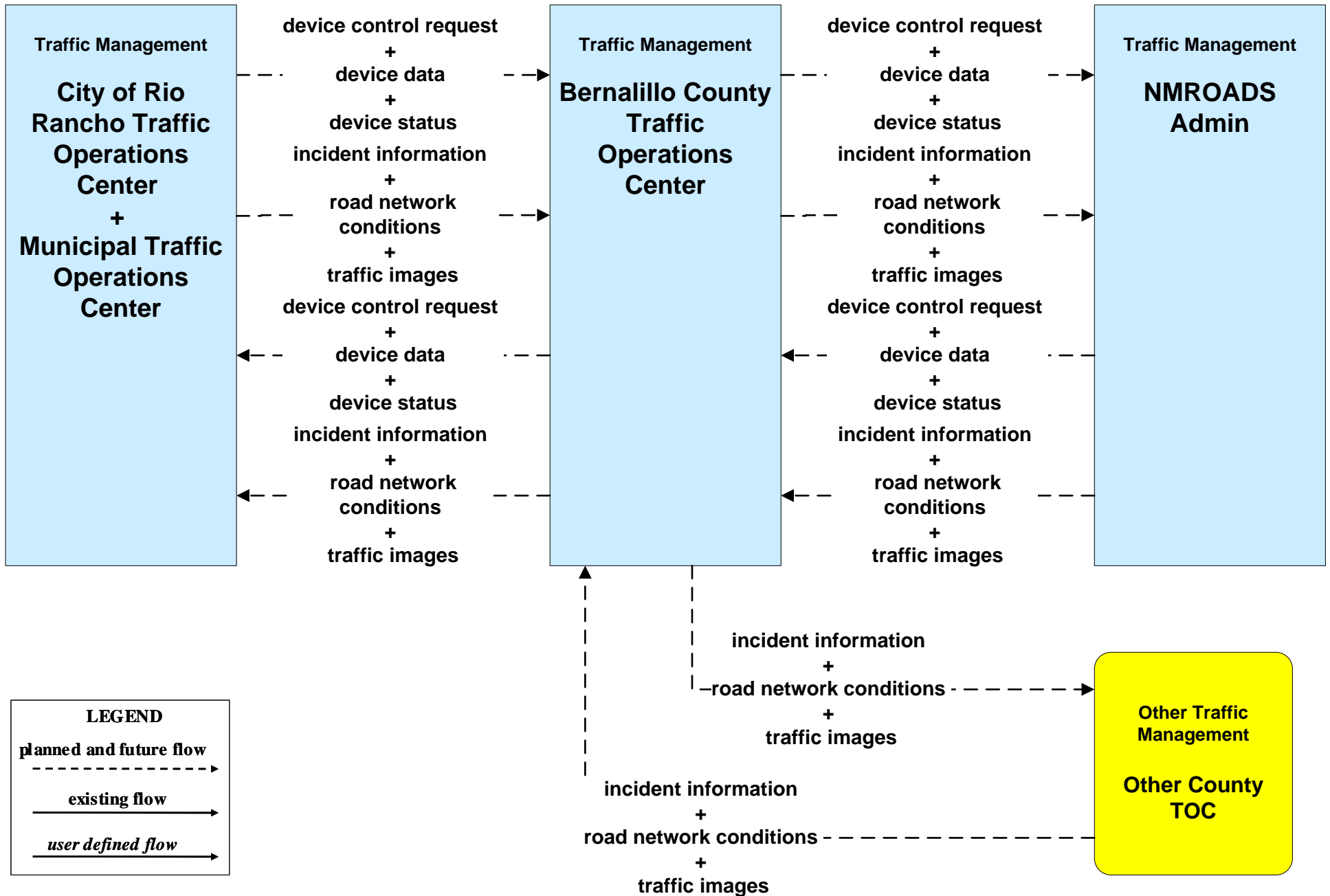
ATMS07 - Regional Traffic Management Albuquerque RTMC



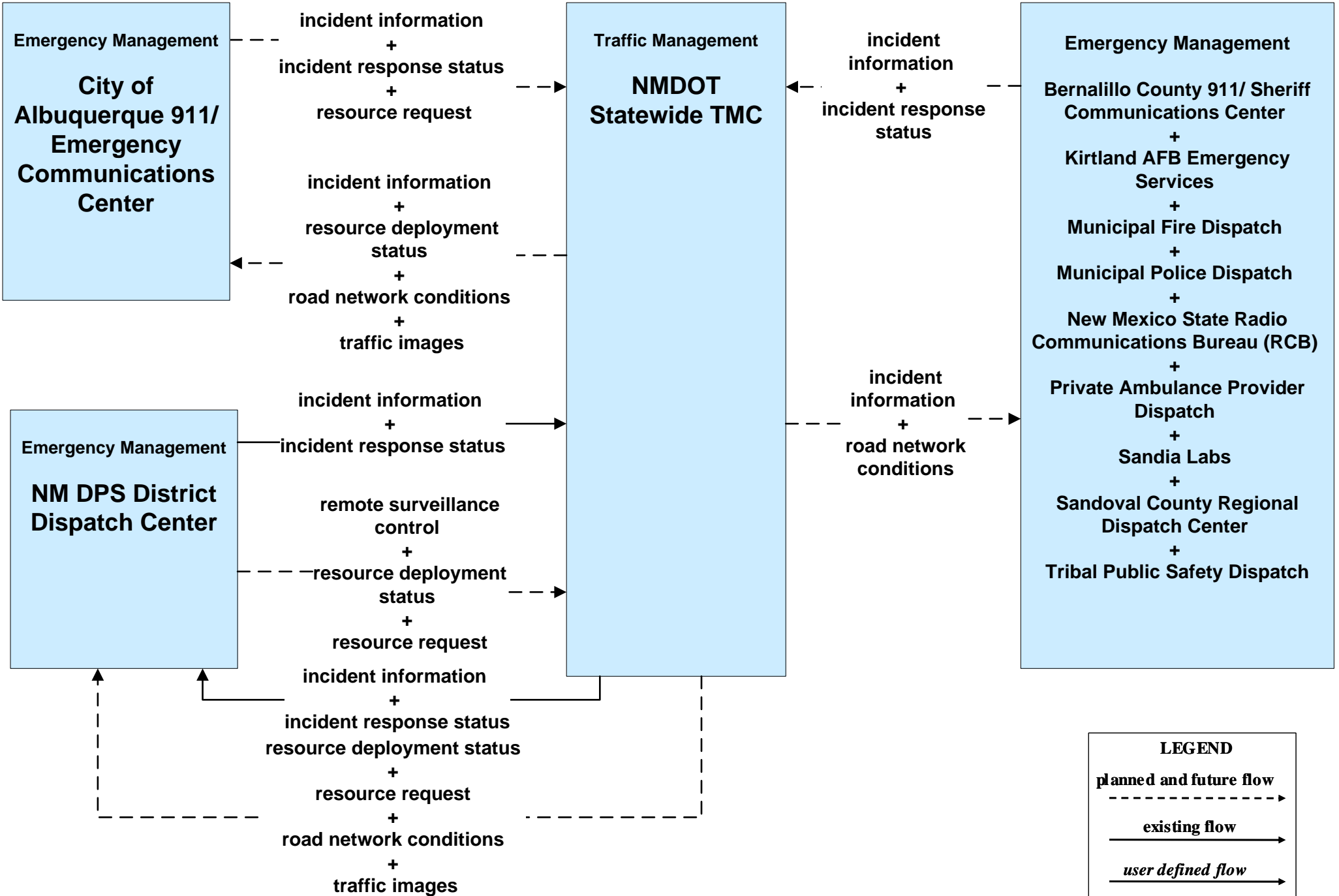
ATMS07 - Regional Traffic Management Municipalities



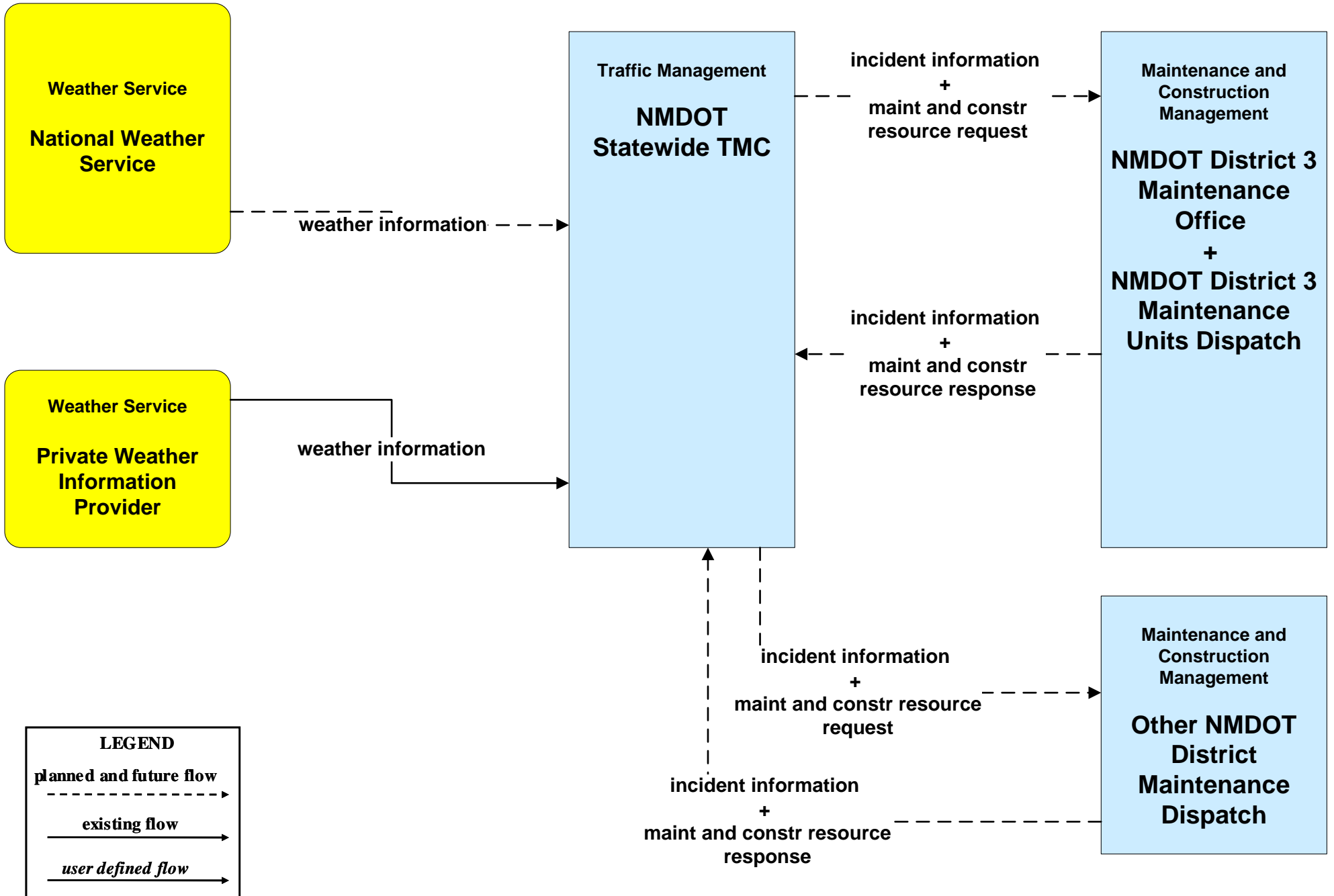
ATMS07 - Regional Traffic Management Bernalillo County



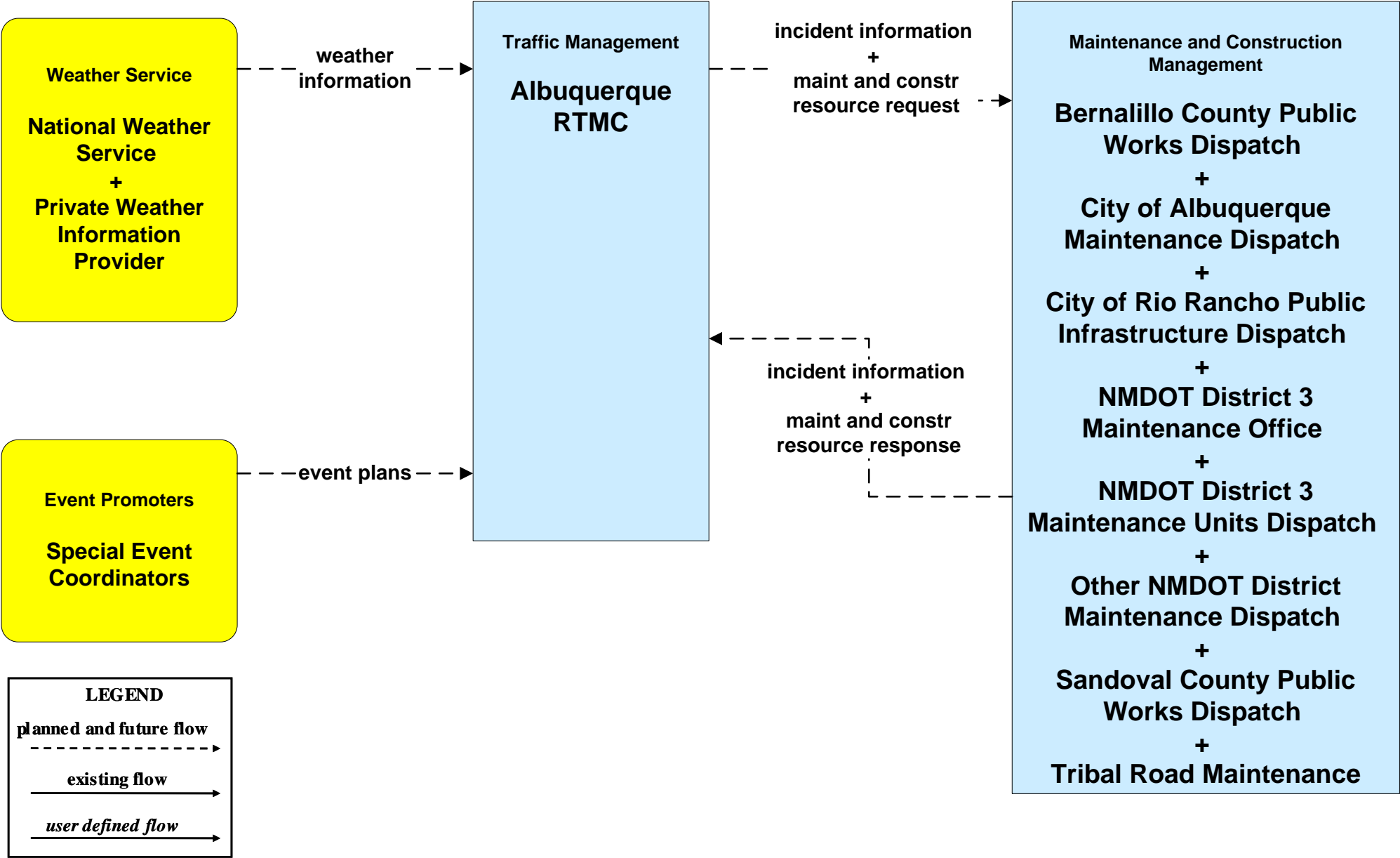
**ATMS08 - Traffic Incident Management System
NMDOT (TM to EM)**



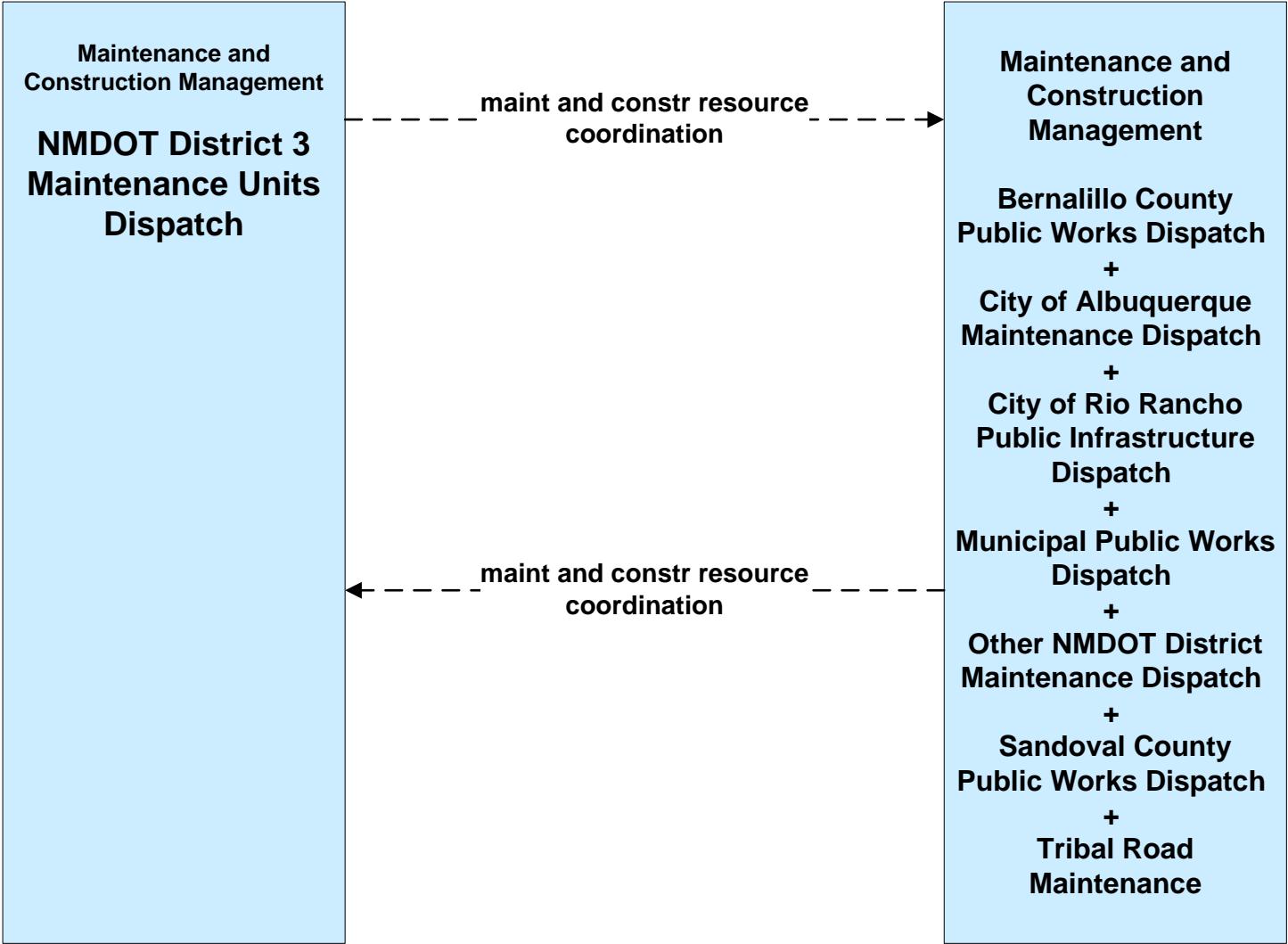
ATMS08 - Traffic Incident Management System NMDOT (TM to MCM)



**ATMS08 - Traffic Incident Management System
Regional TMC**



**ATMS08 - Traffic Incident Management System
NMDOT (MCM to MCM)**



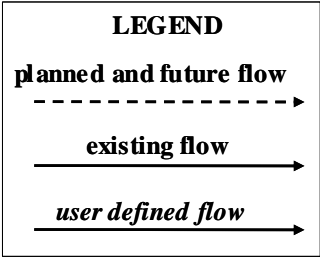
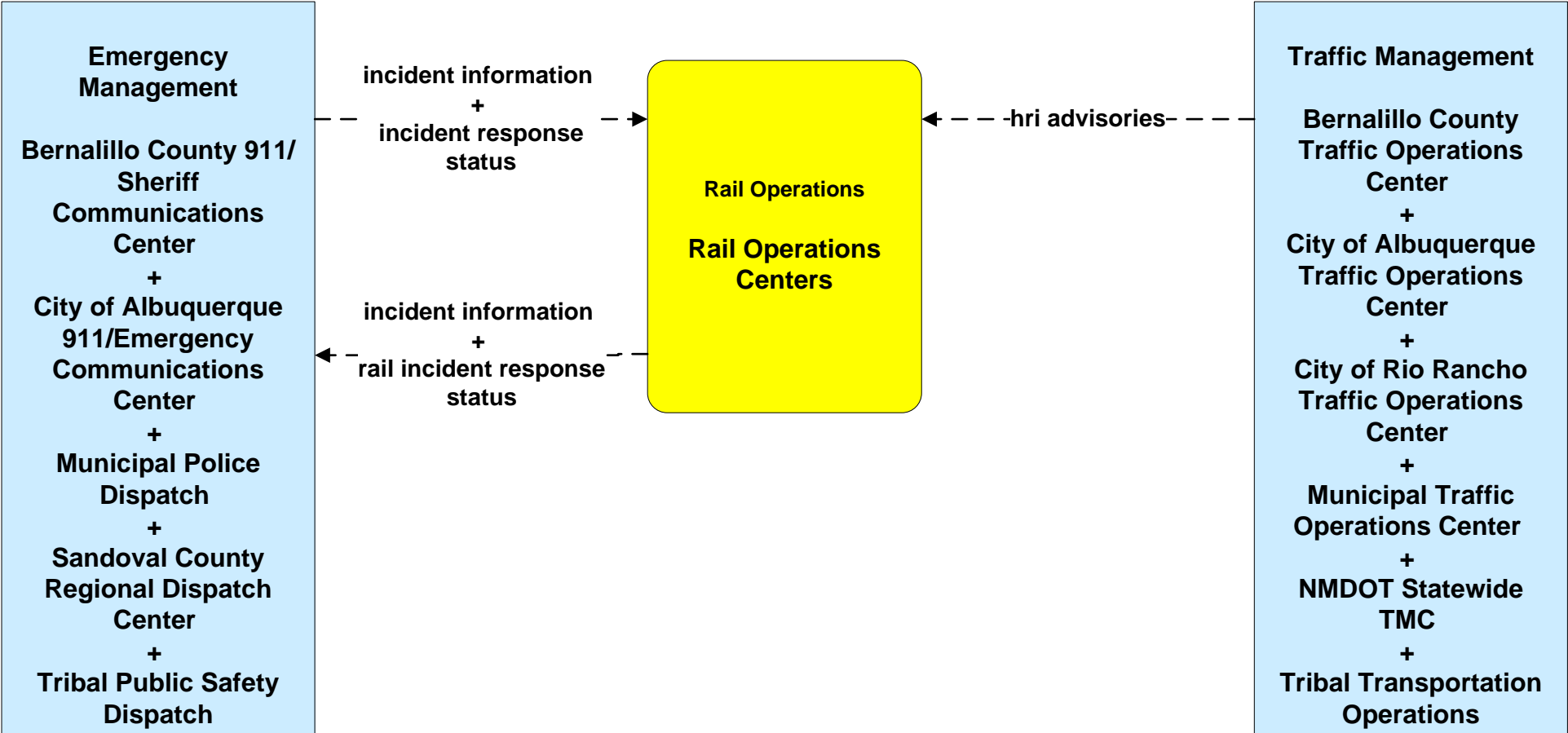
LEGEND

planned and future flow
----->

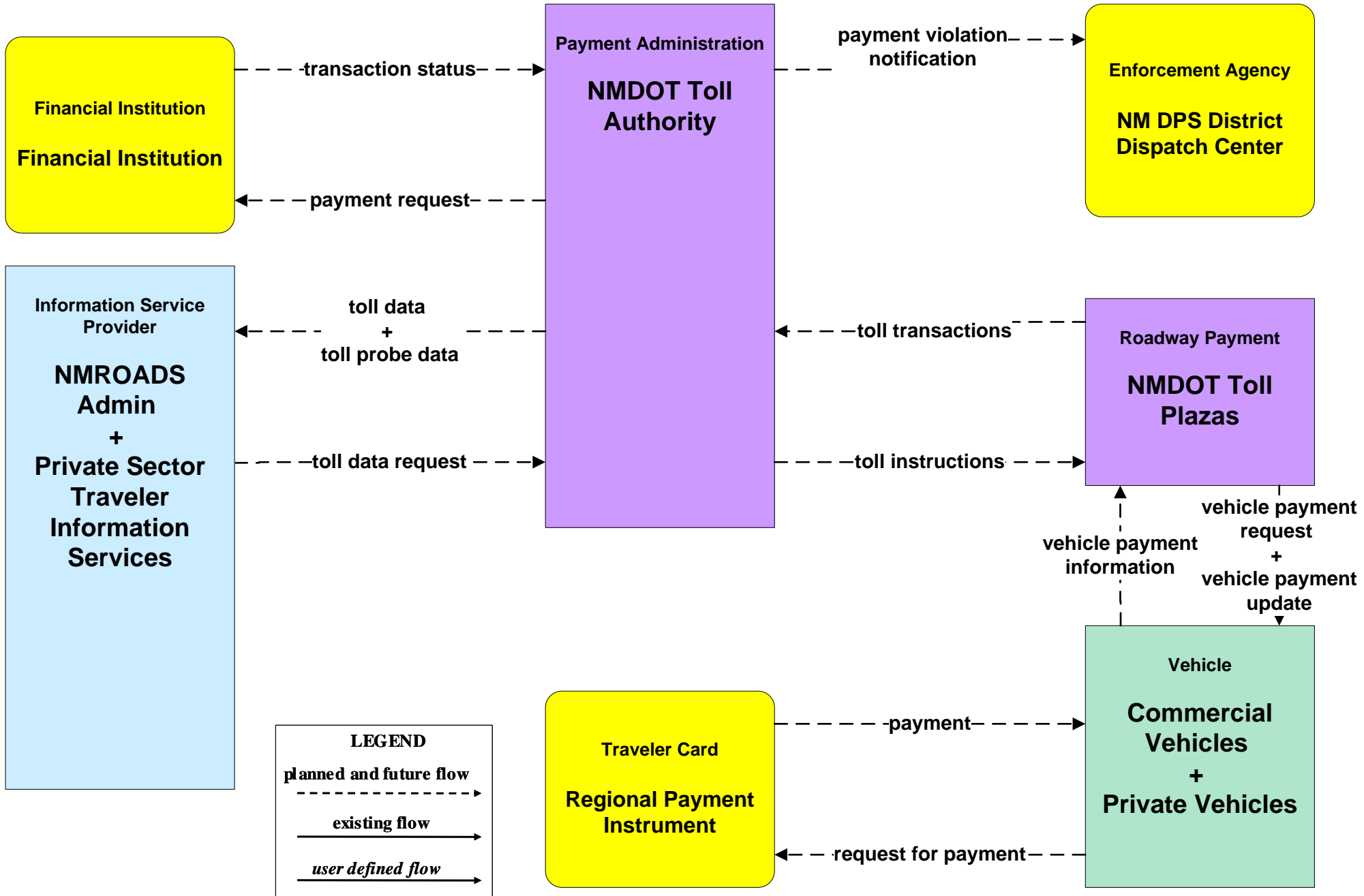
existing flow
—————>

user defined flow
—————>

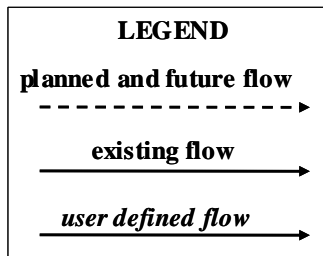
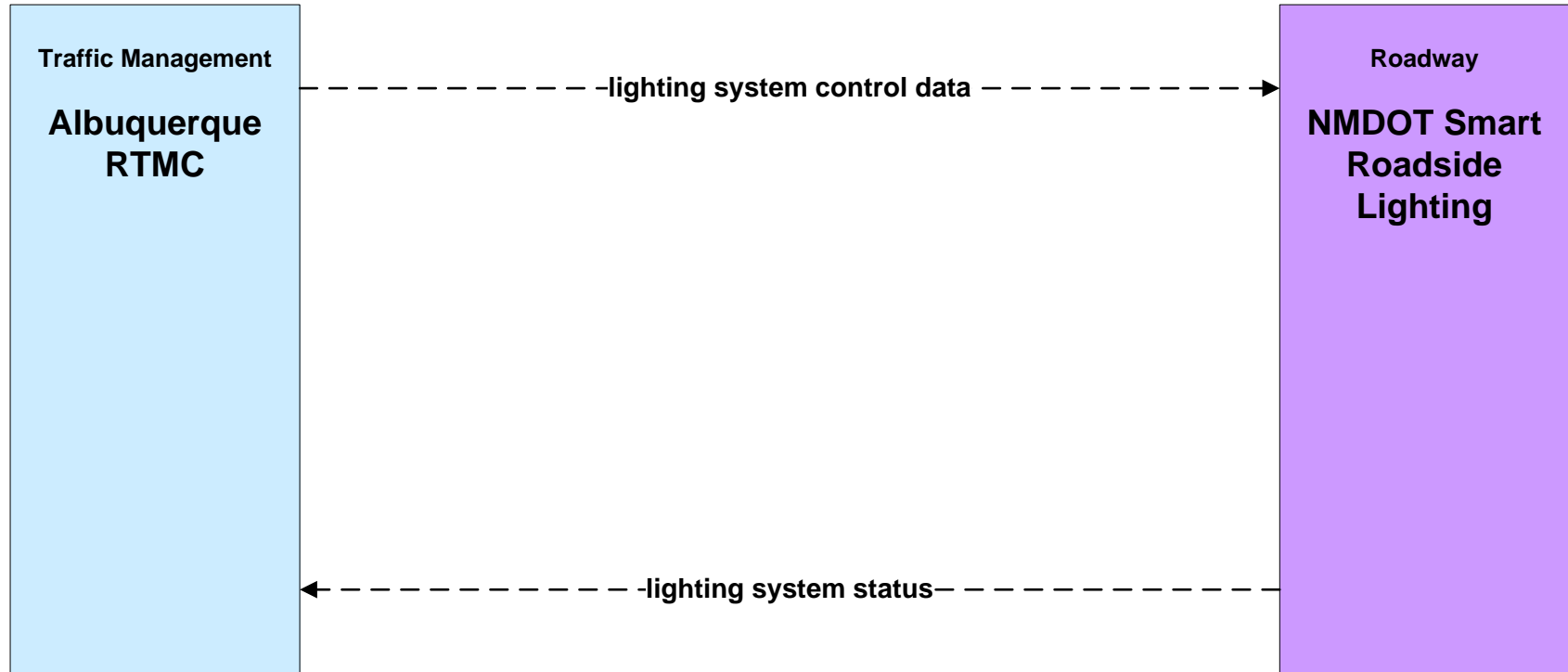
ATMS08 - Traffic Incident Management System Rail Operations Coordination



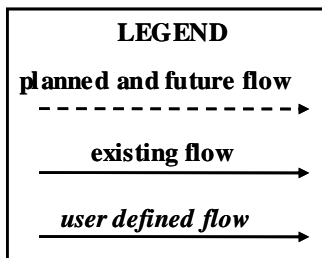
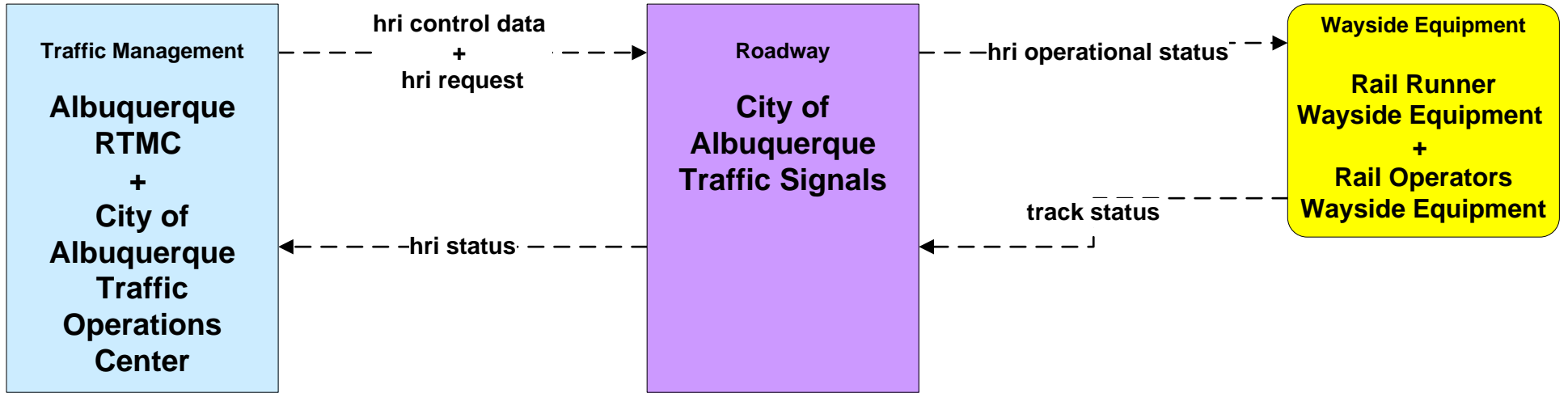
ATMS10 - Electronic Toll Collection NMDOT Toll Authority



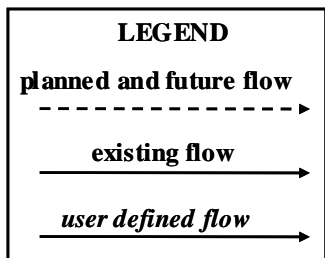
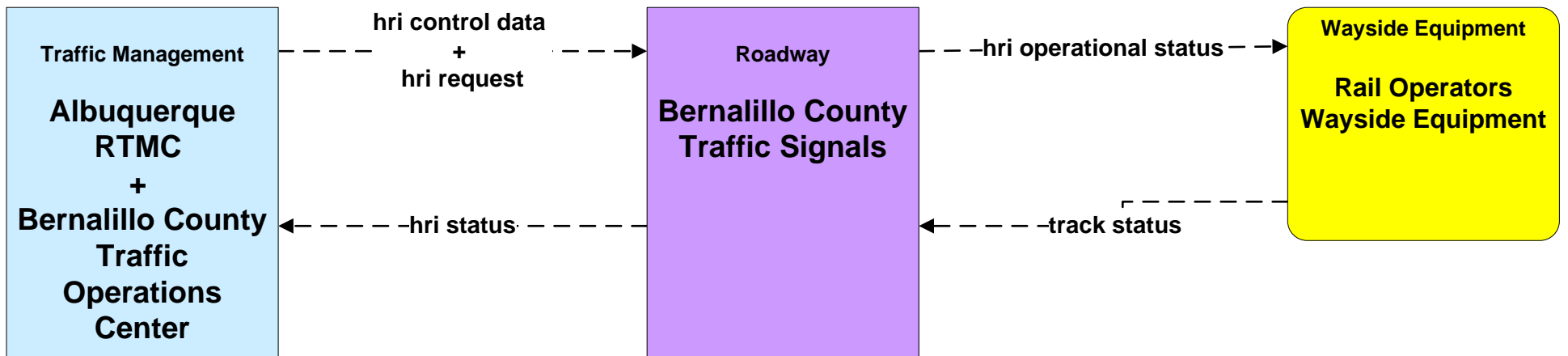
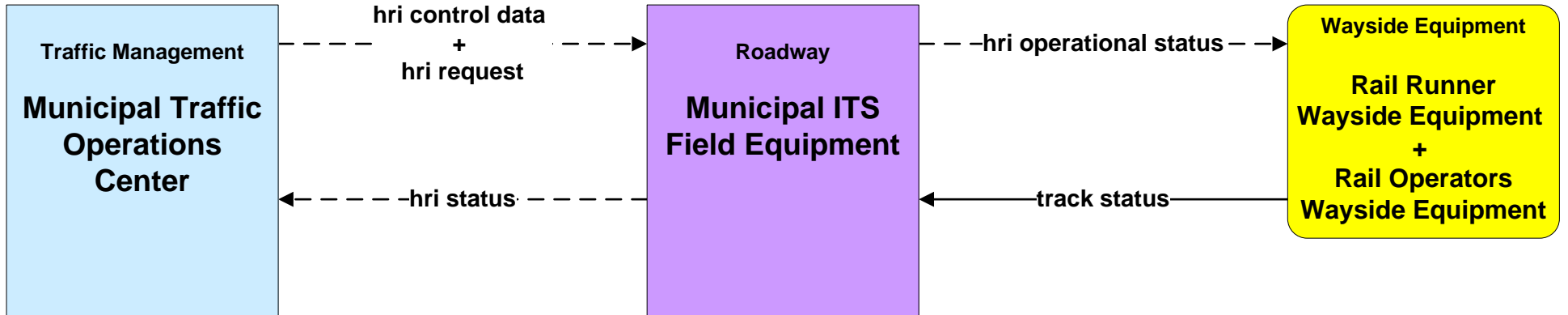
**ATMS12 - Roadside Lighting System Control
NMDOT**



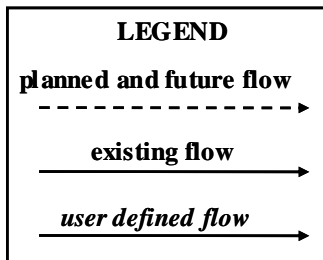
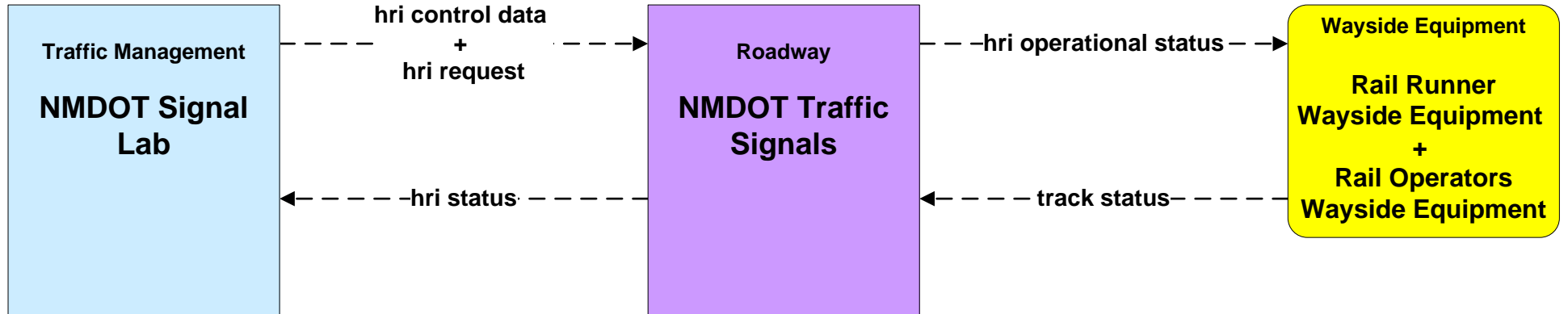
**ATMS13 - Standard Railroad Crossing
City of Albuquerque / City of Rio Rancho**



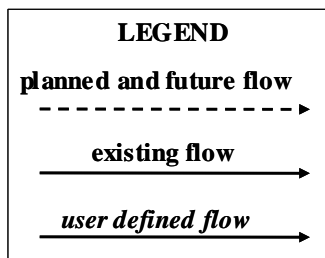
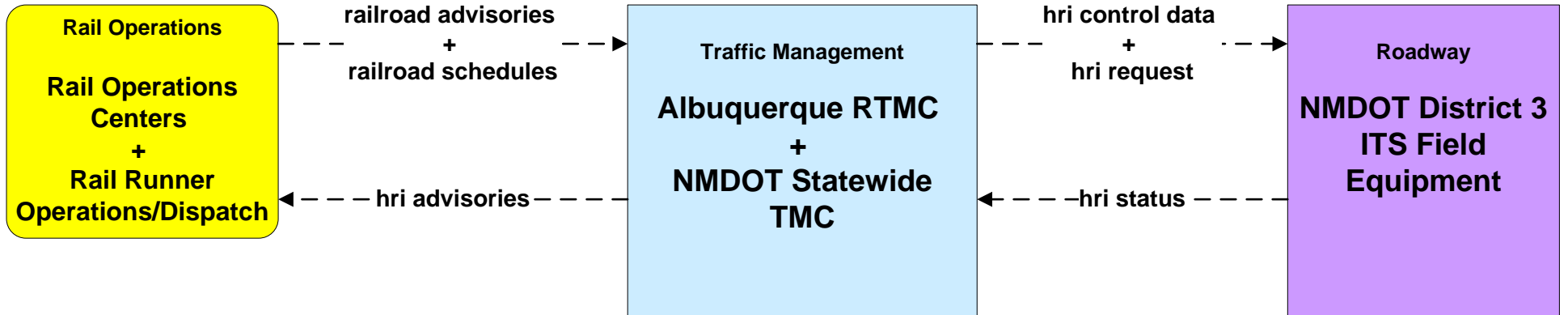
ATMS13 - Standard Railroad Crossing Municipalities / Bernalillo County



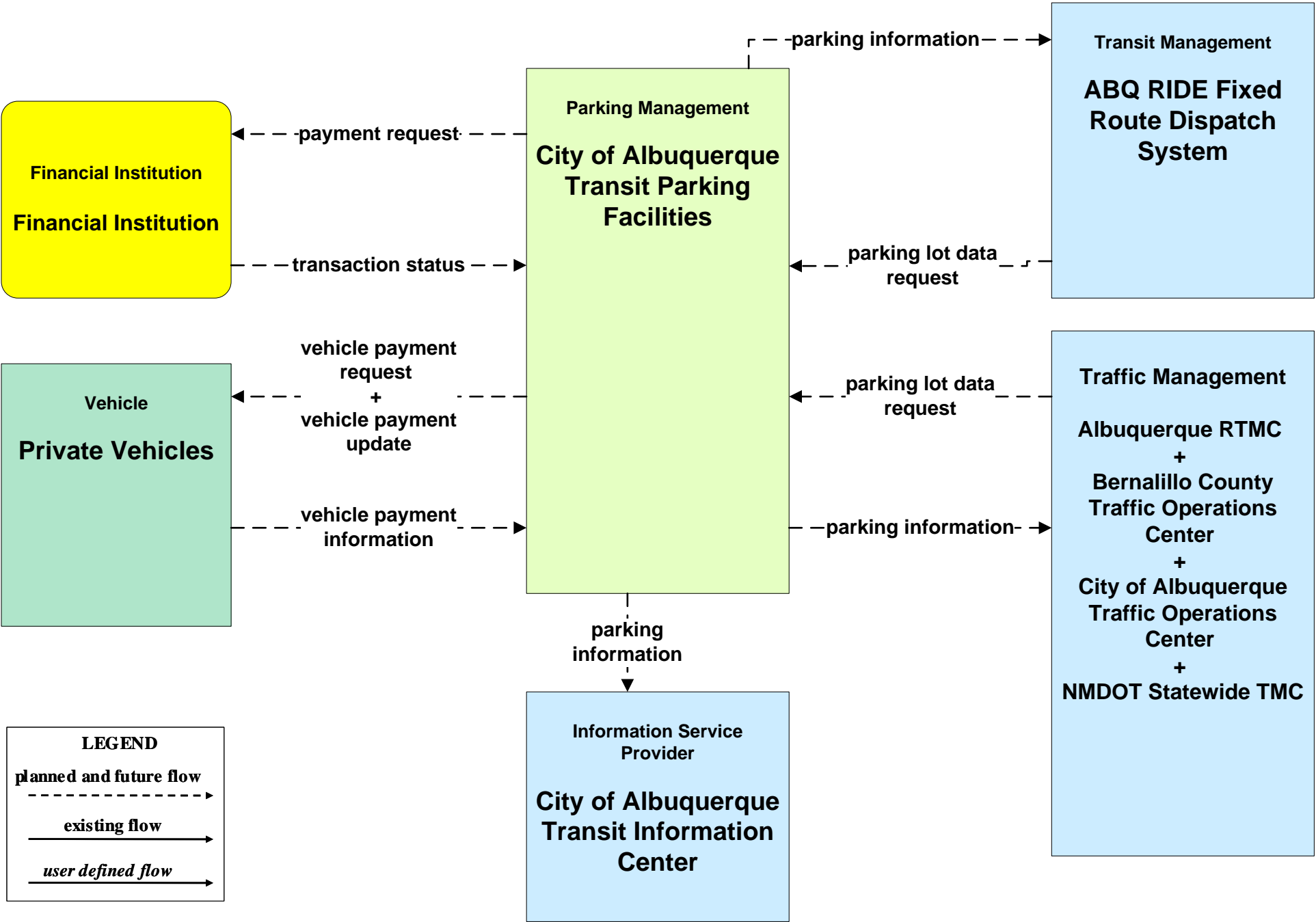
**ATMS13 - Standard Railroad Crossing
NMDOT**



**ATMS15 - Railroad Operations Coordination
NMDOT**



**ATMS16 - Parking Facility Management
City of Albuquerque Transit**



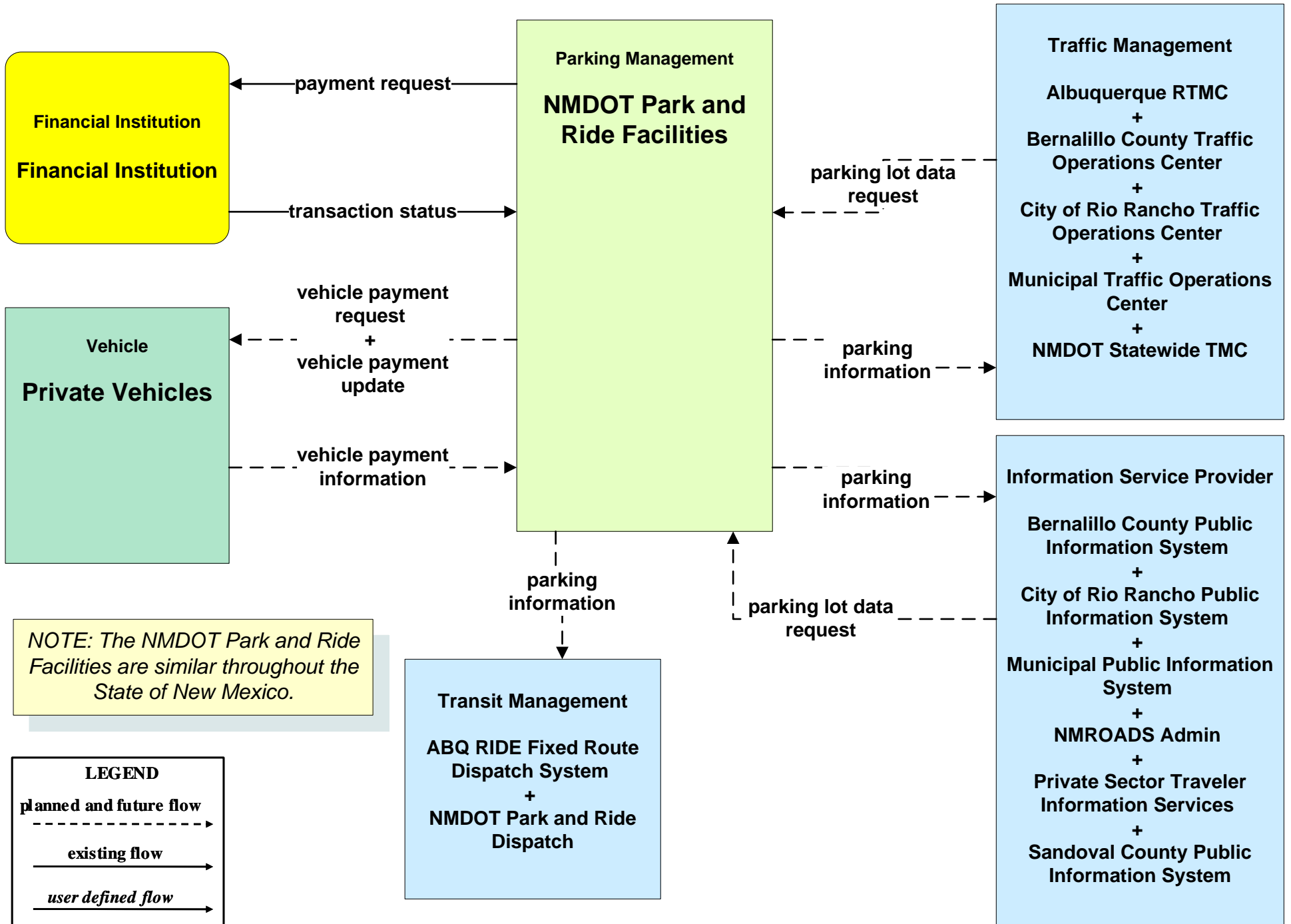
LEGEND

planned and future flow
----->

existing flow
—————>

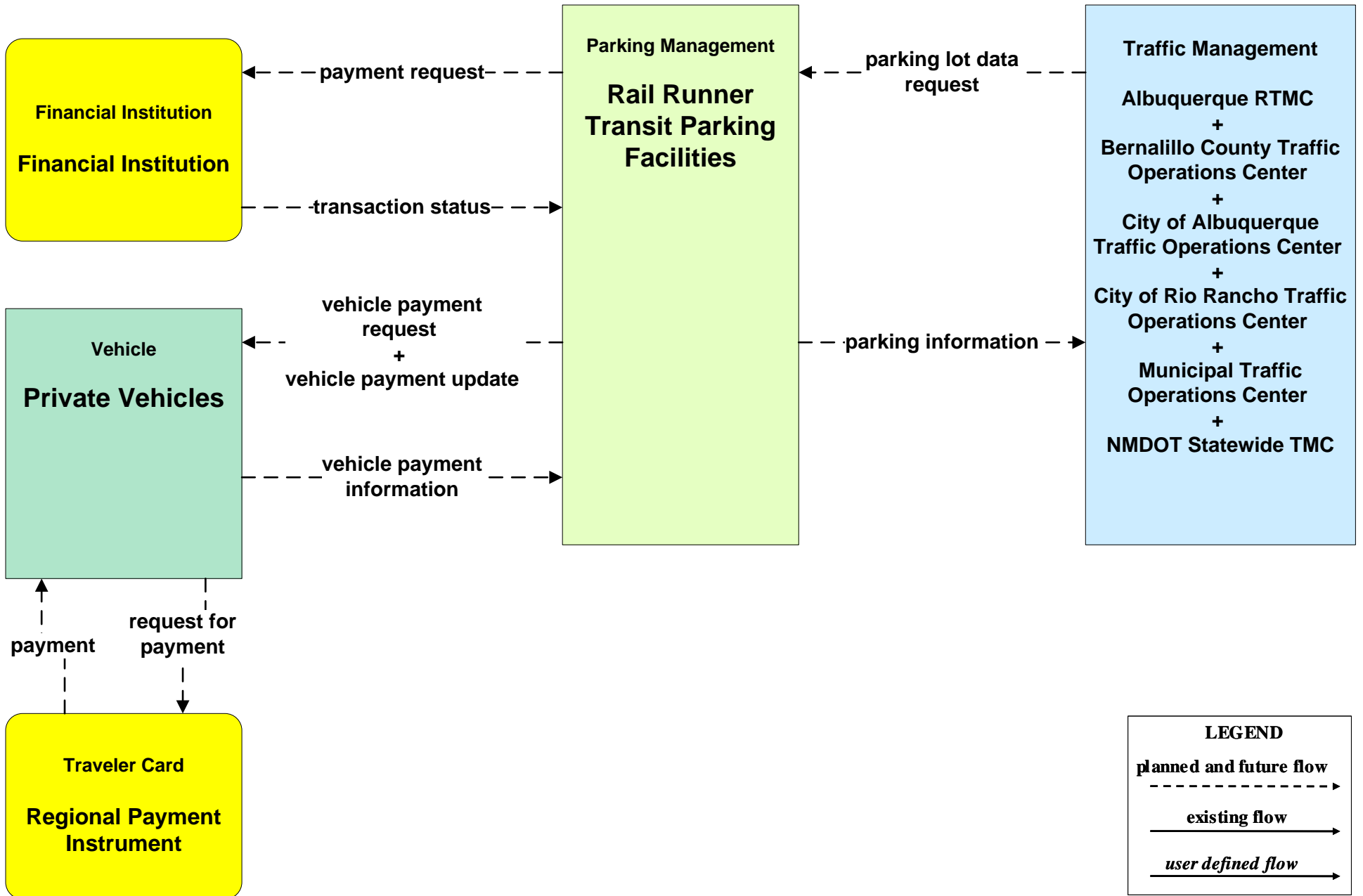
user defined flow
—————>

ATMS16 - Parking Facility Management NMDOT Park and Ride



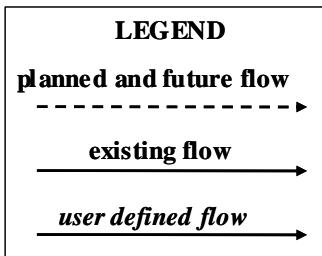
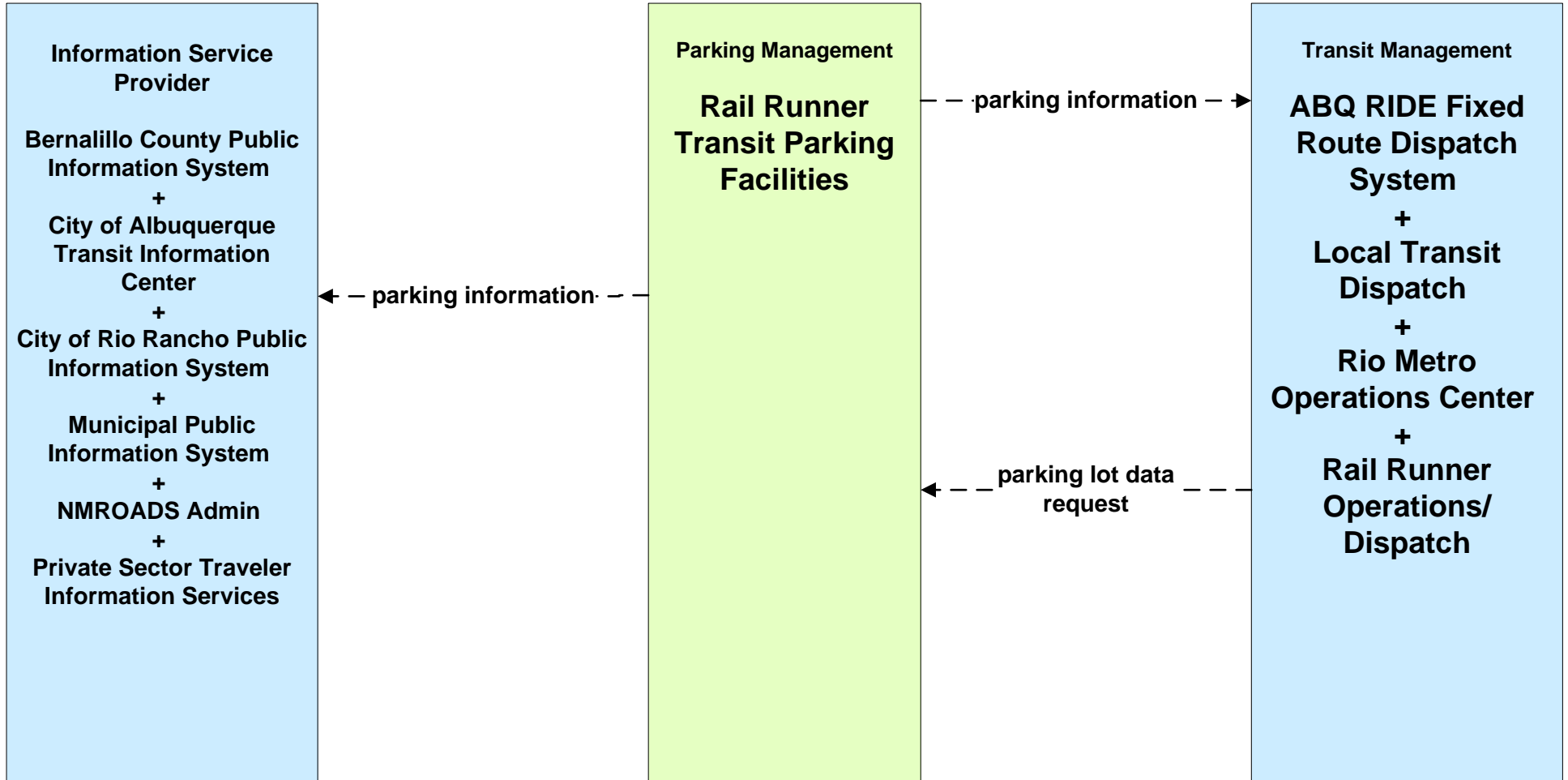
ATMS16 - Parking Facility Management

Rail Runner Transit Parking Facilities (1 of 2)

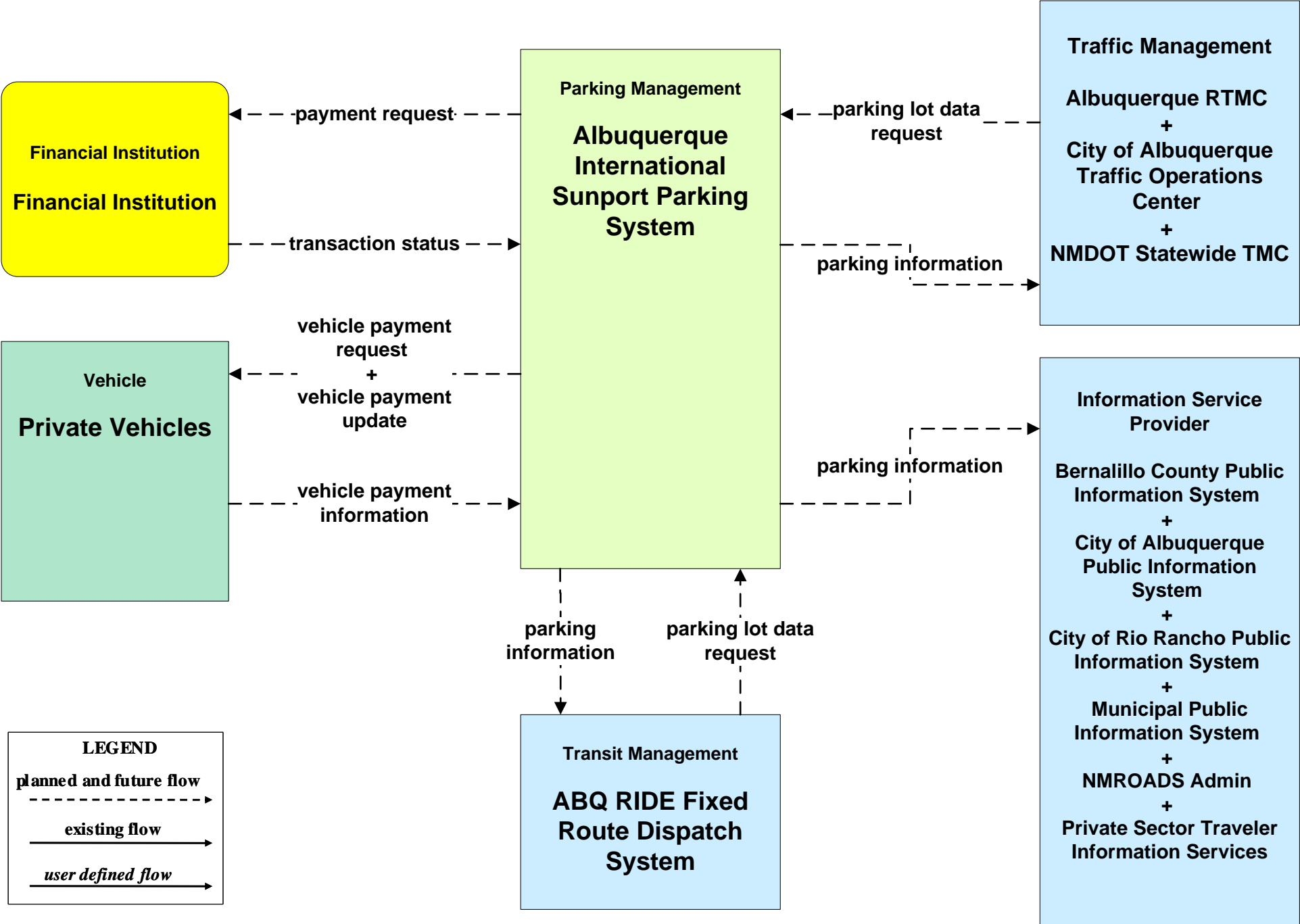


ATMS16 - Parking Facility Management

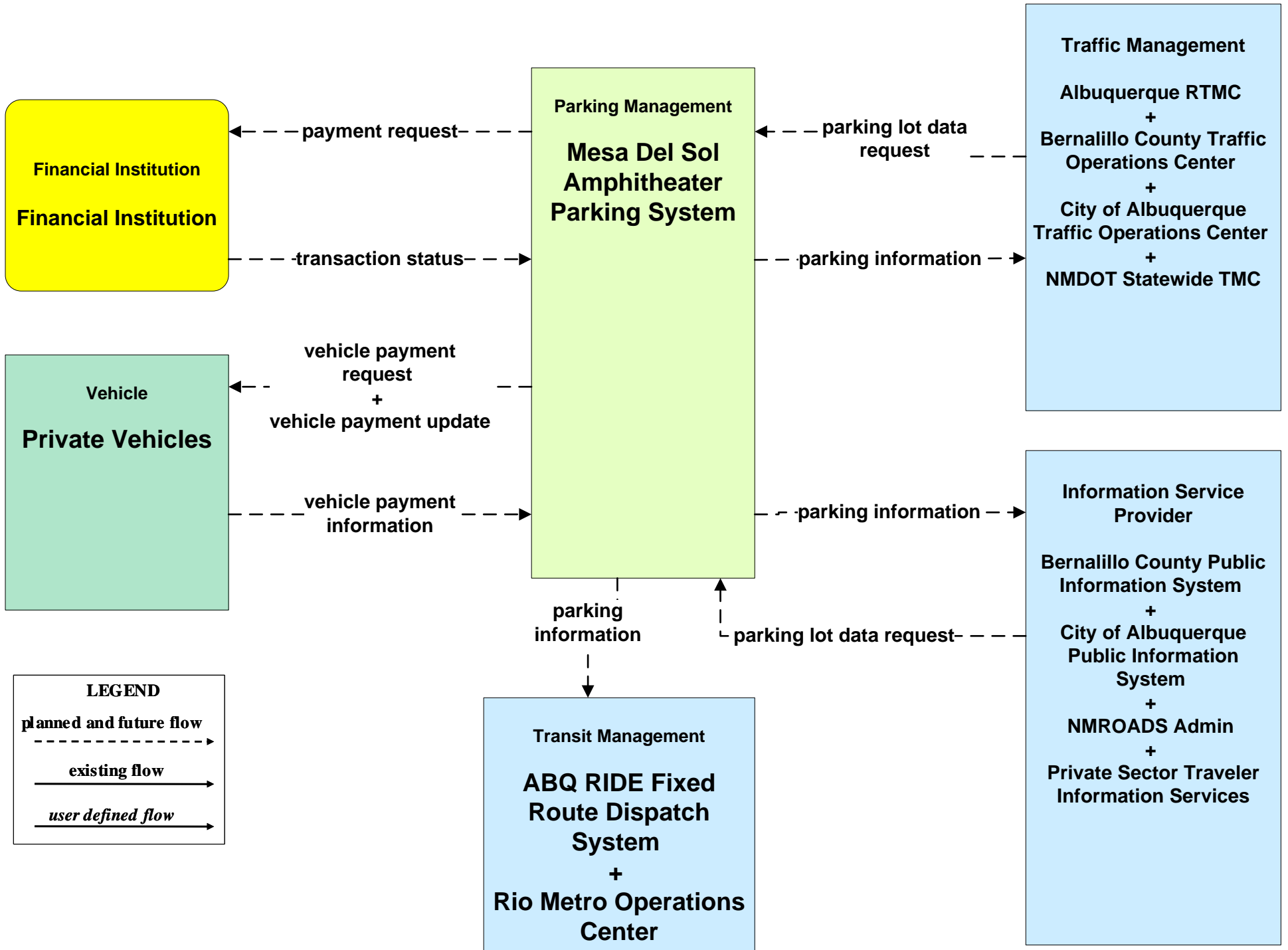
Rail Runner Transit Parking Facilities (2 of 2)



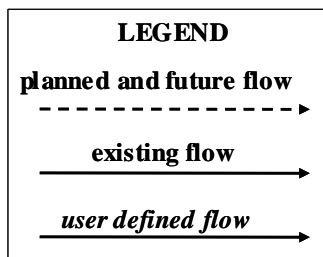
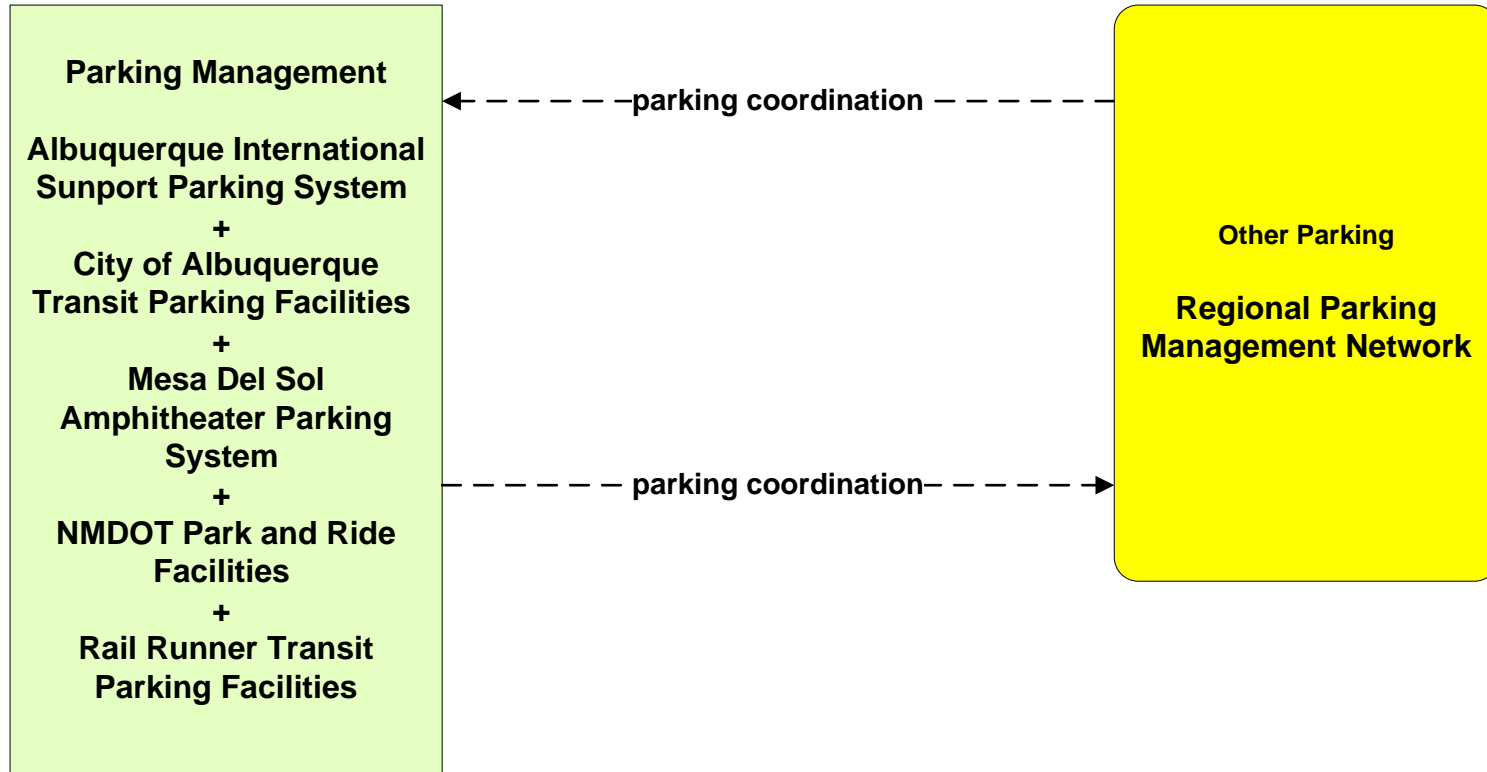
ATMS16 - Parking Facility Management Albuquerque International Sunport



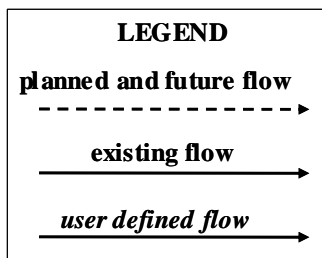
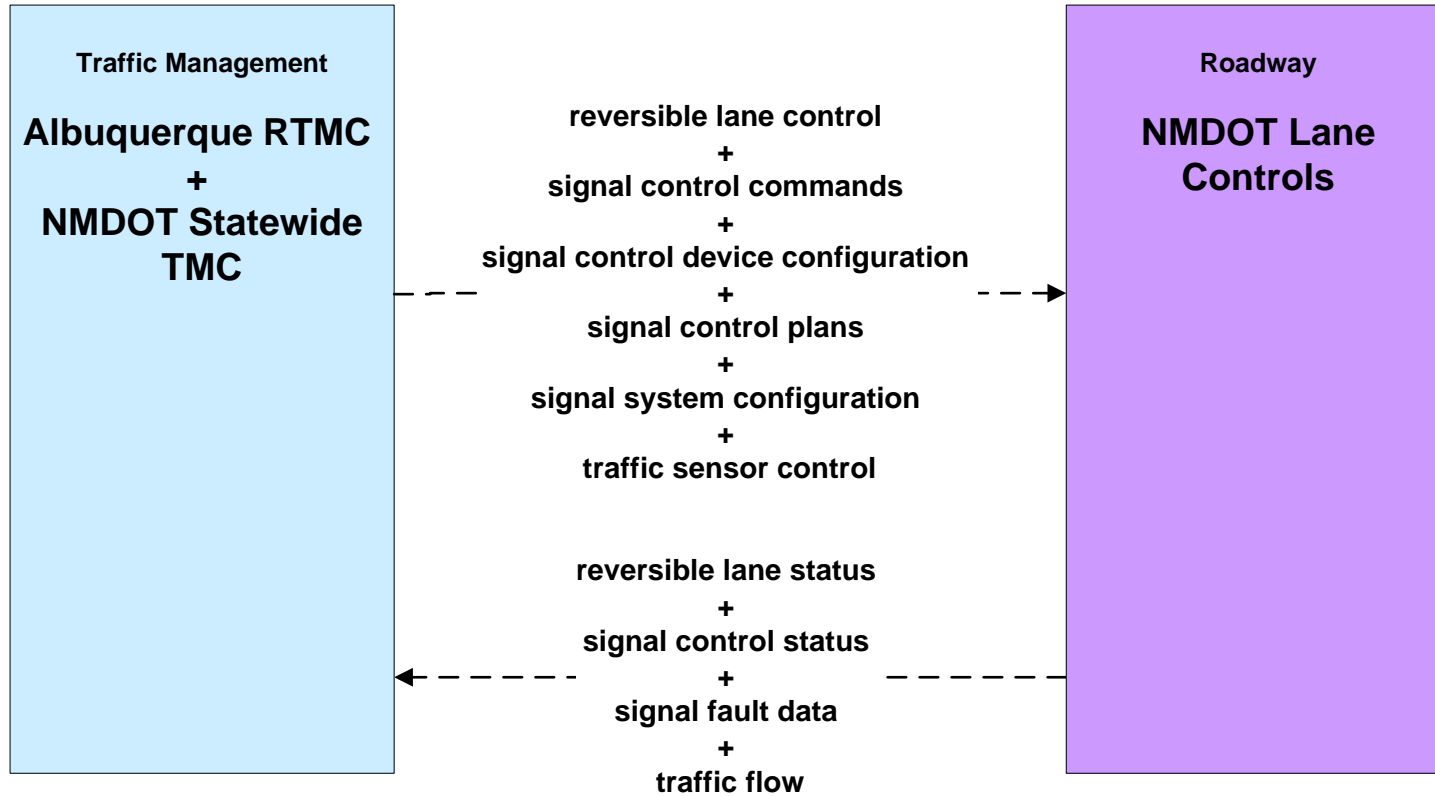
ATMS16 - Parking Facility Management Mesa Del Sol Amphitheater



**ATMS17 - Regional Parking Management
Regionwide Regional Parking Management**

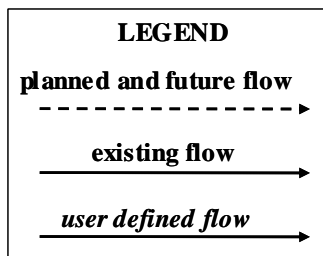
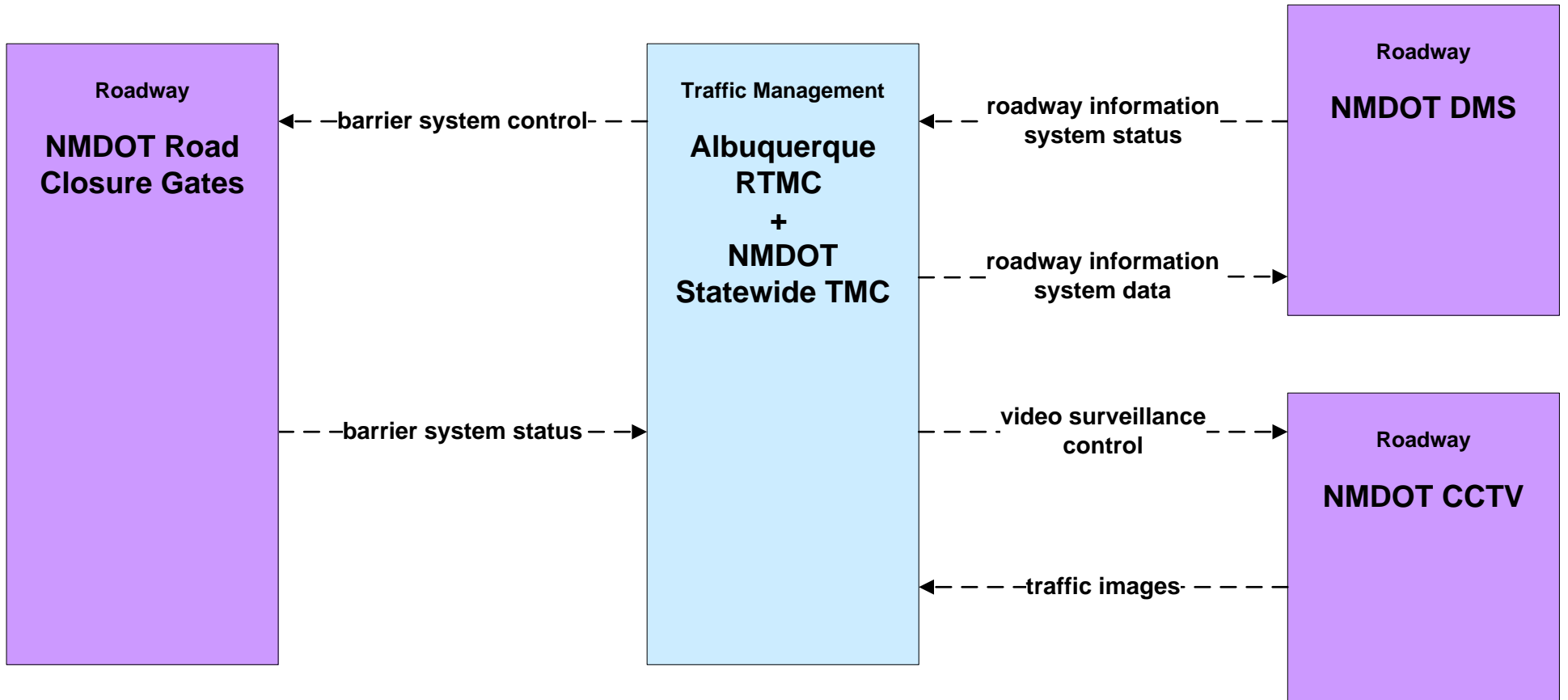


ATMS18 - Reversible Lane Management NMDOT District 3

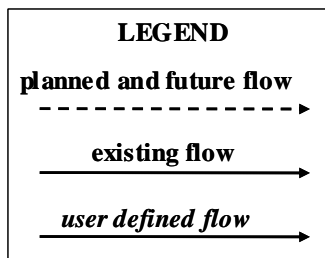
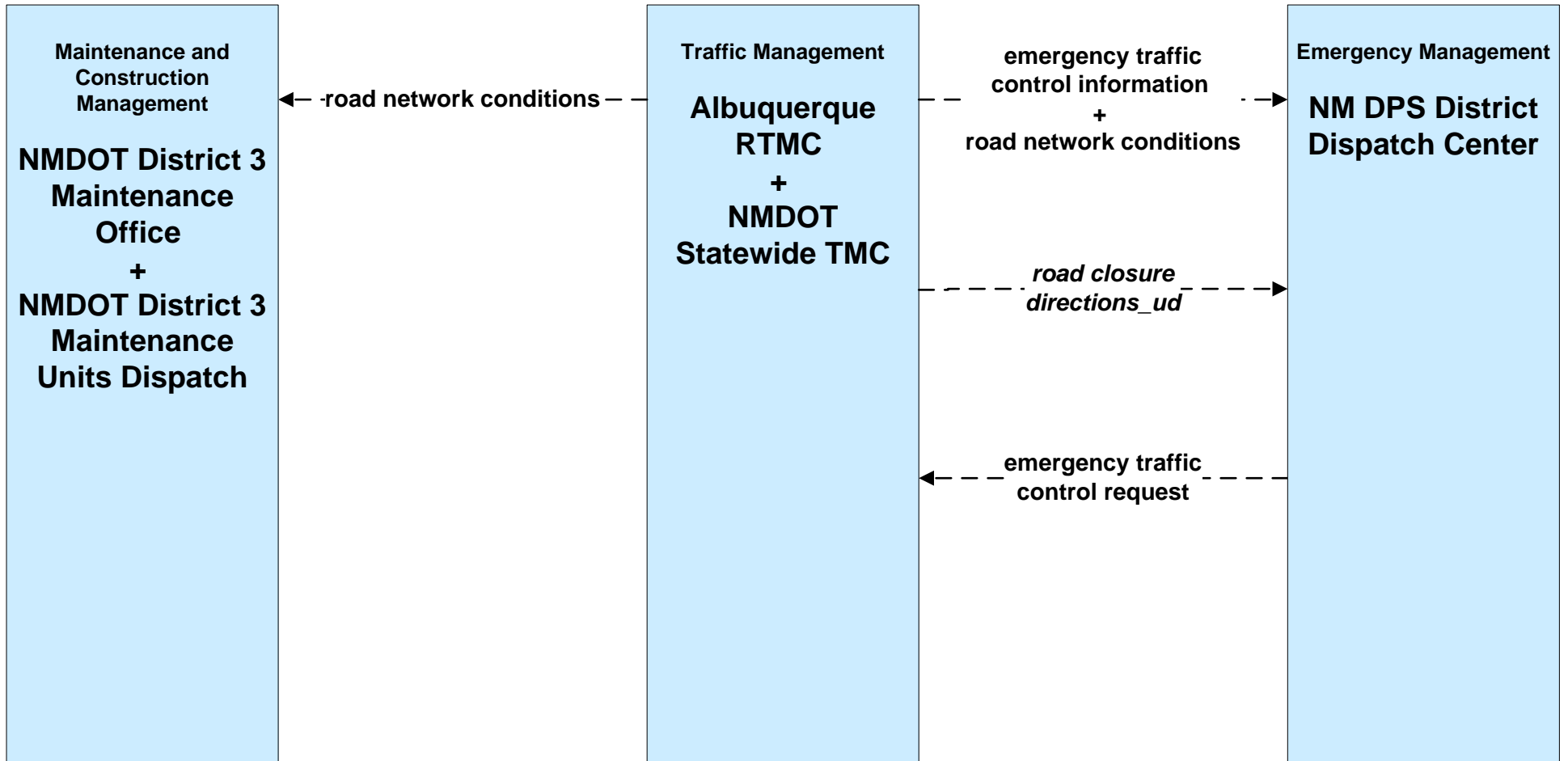


NOTE: This is for both freeway control and arterial control.

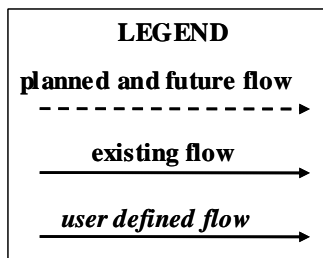
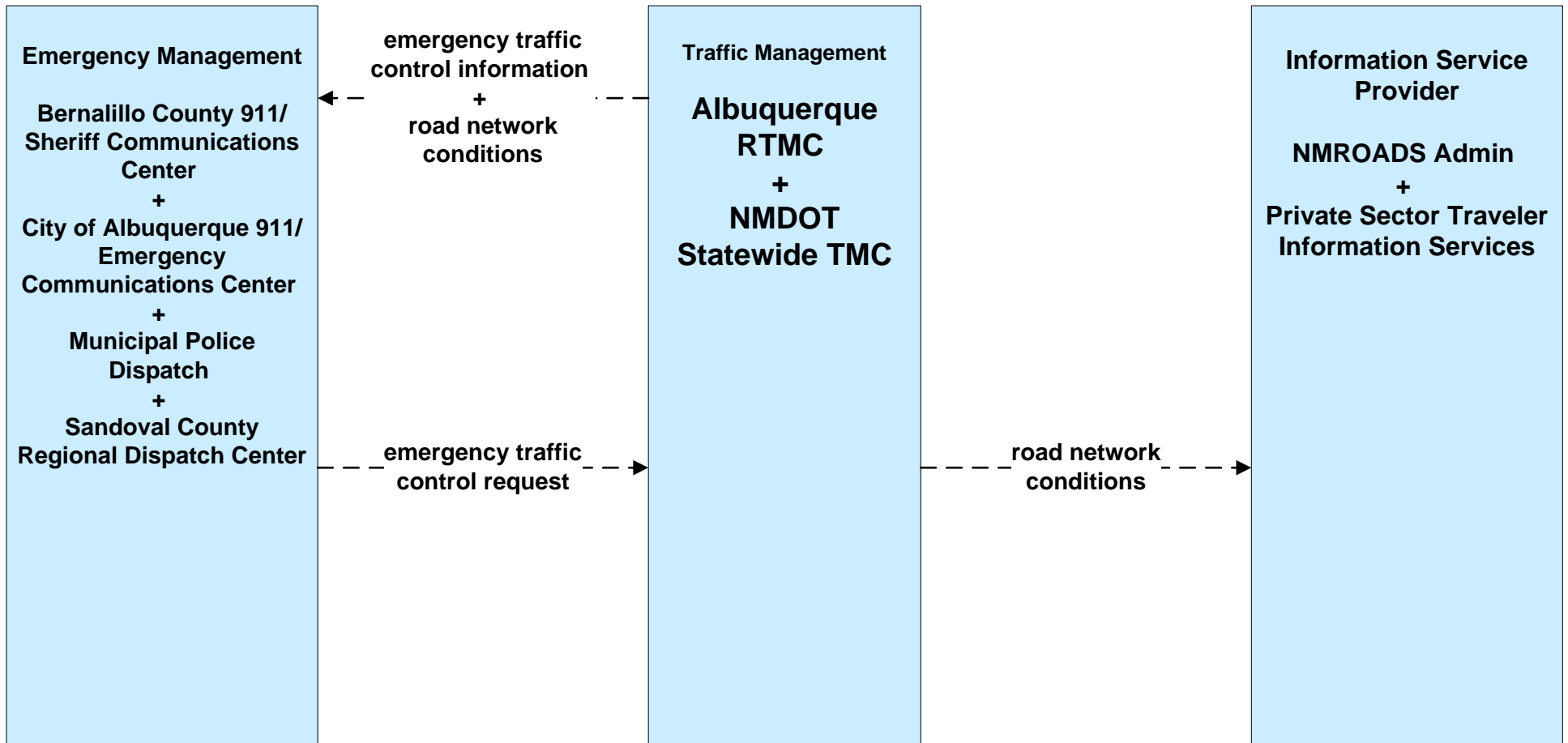
ATMS21 - Roadway Closure Management NMDOT (1 of 3)



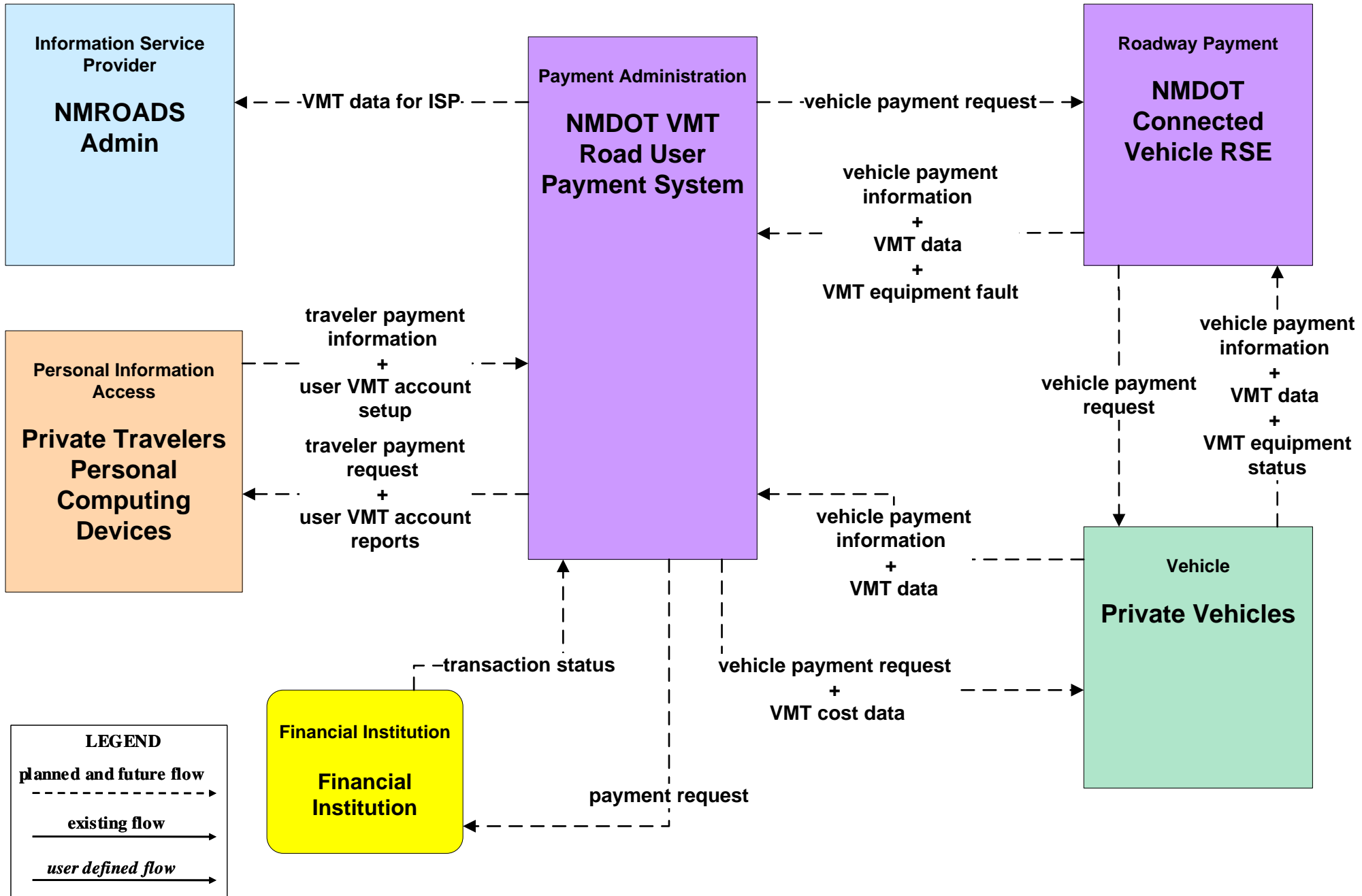
ATMS21 - Roadway Closure Management NMDOT (2 of 3)



ATMS21 - Roadway Closure Management NMDOT (3 of 3)

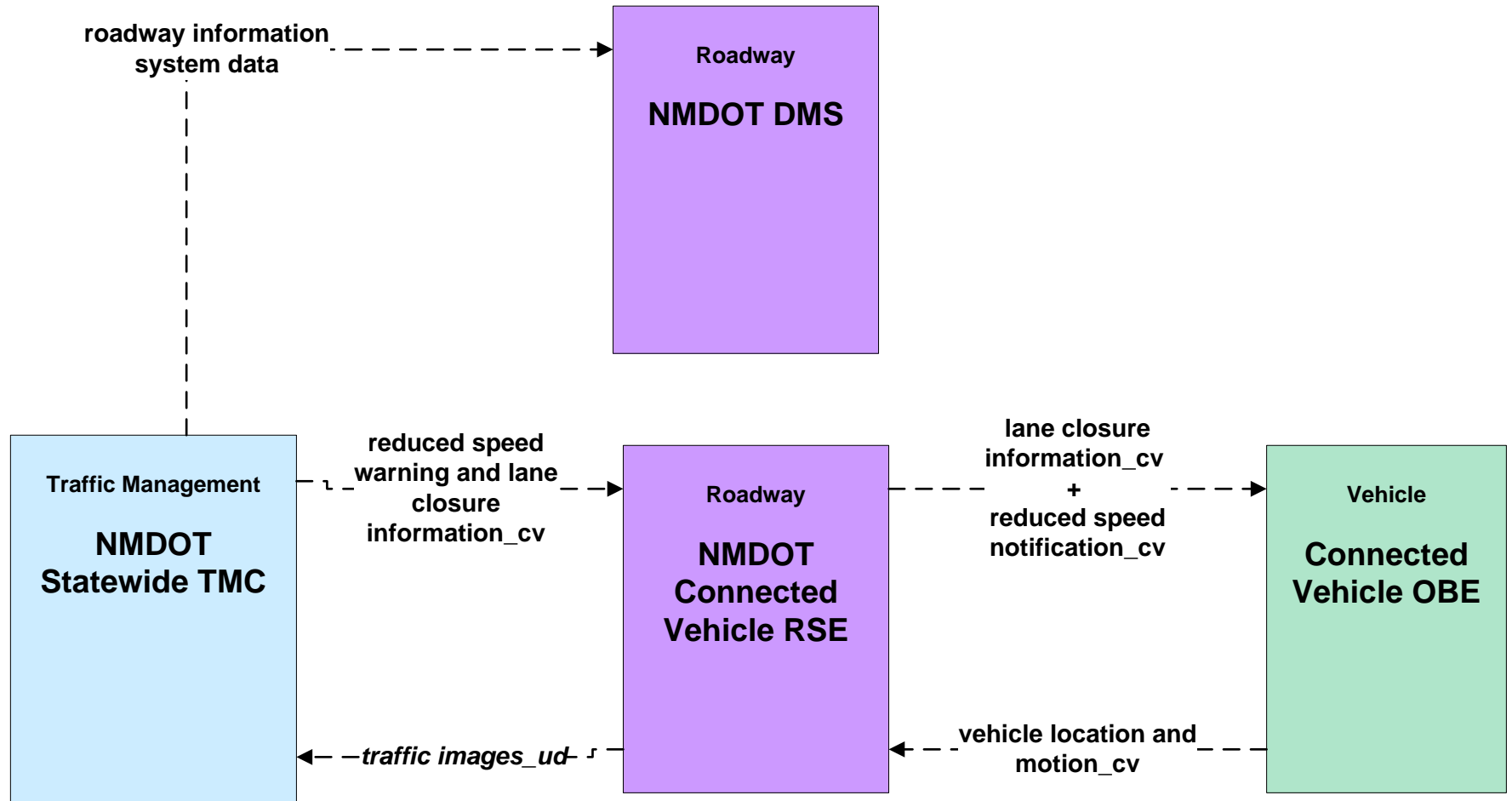


ATMS25 - VMT Road User Payment NMDOT



AVSS12 – Cooperative Vehicle Safety Systems

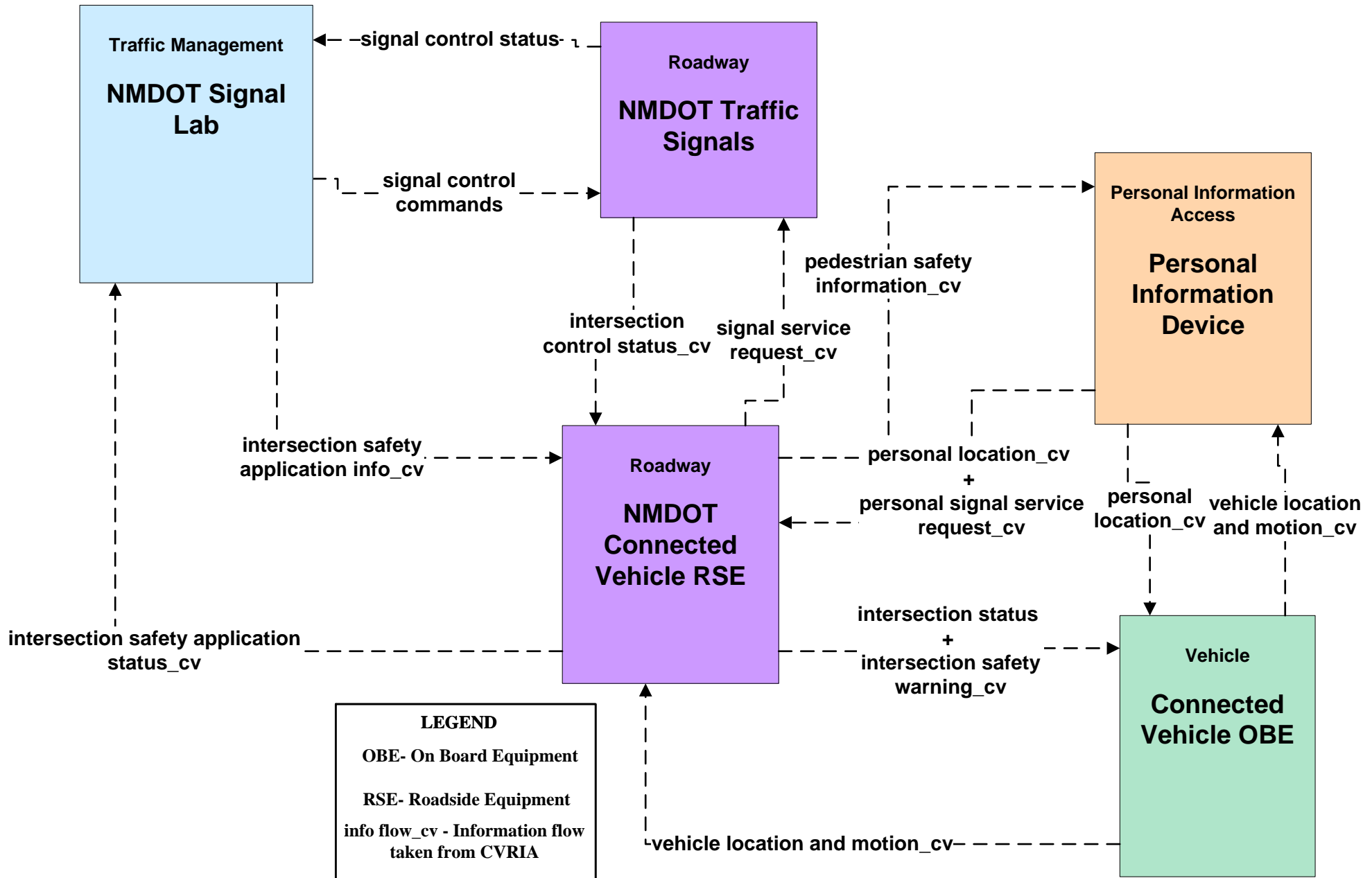
NMDOT Reduced Speed Zone Warning



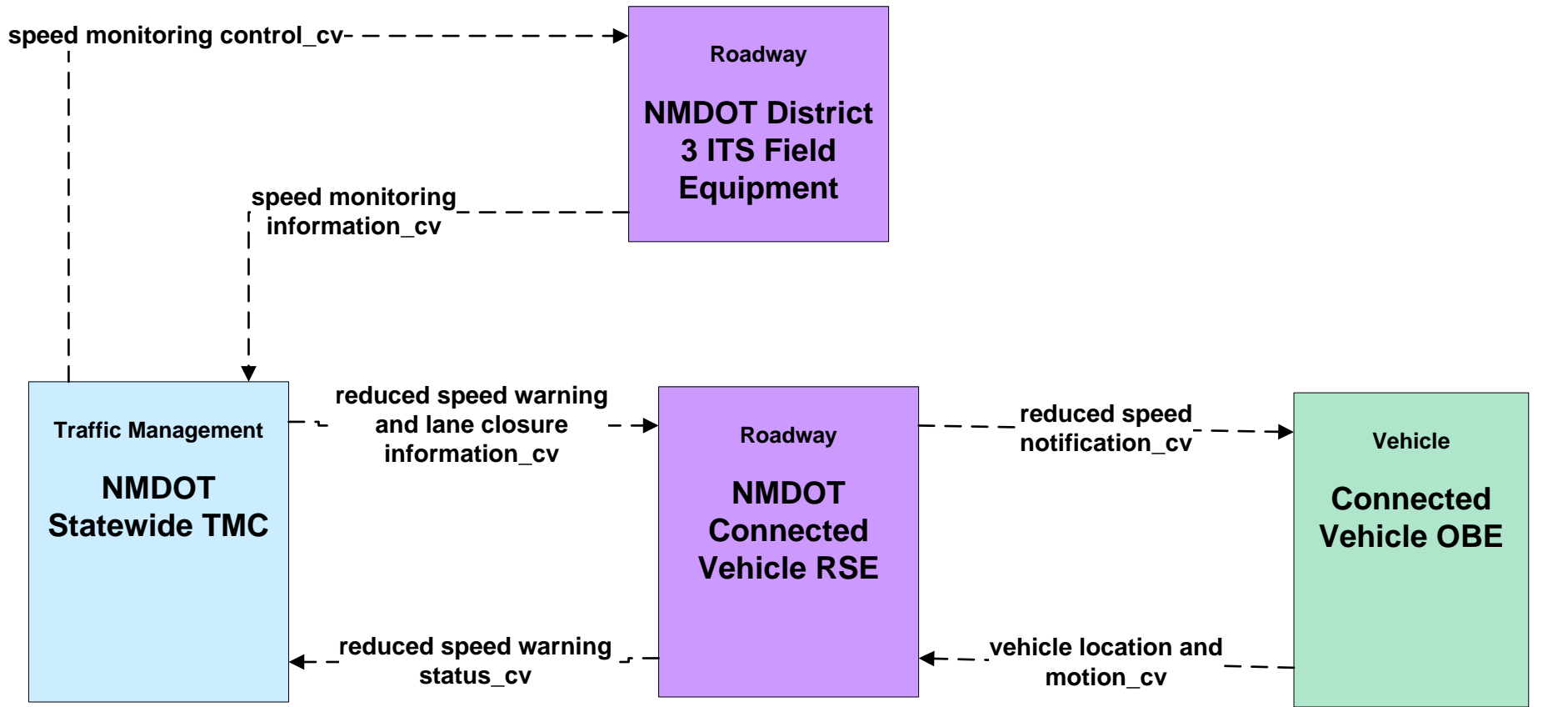
LEGEND

- OBE- On Board Equipment
- RSE- Roadside Equipment
- info flow_cv - Information flow taken from CVRIA

AVSS12 – Cooperative Vehicle Safety Systems NMDOT Pedestrian Mobility

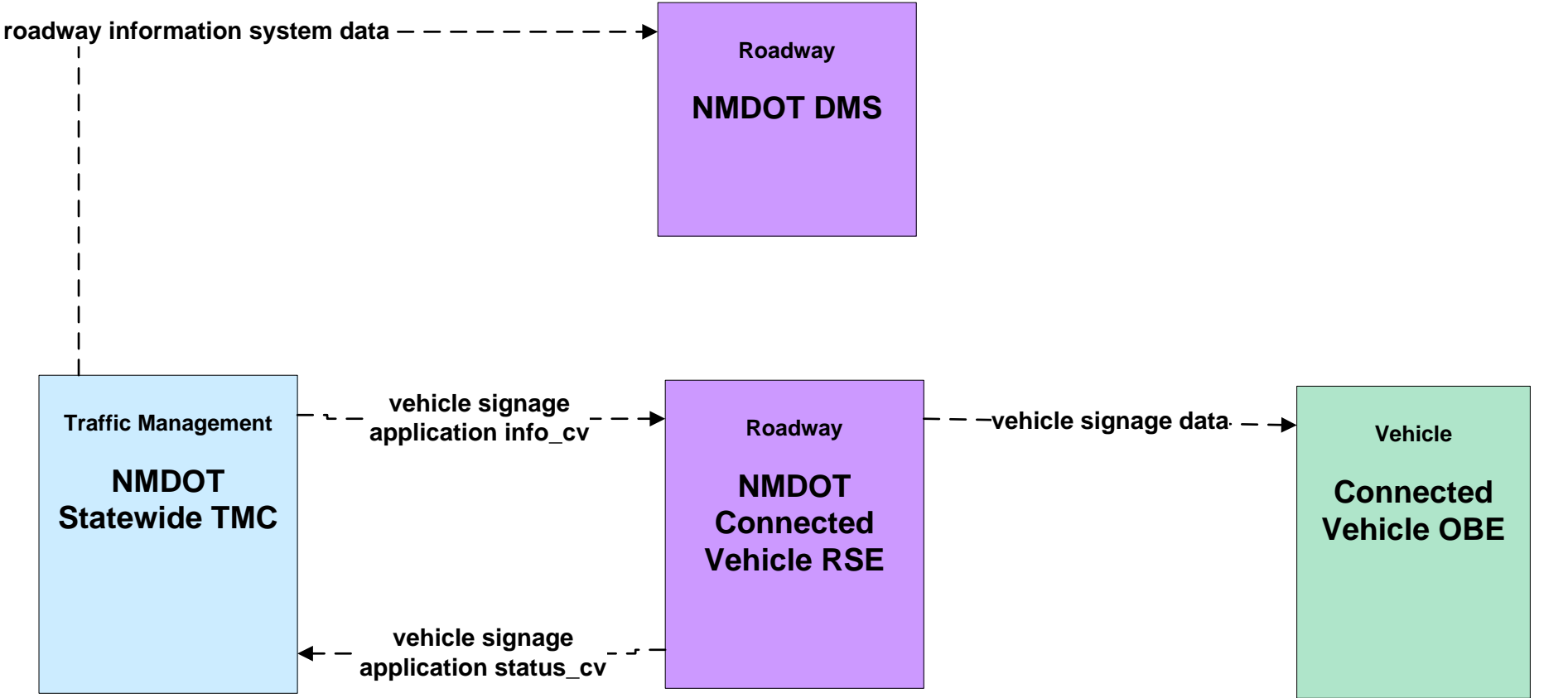


**AVSS12 – Cooperative Vehicle Safety Systems
NMDOT Curve Speed Warning**



LEGEND
OBE- On Board Equipment
RSE- Roadside Equipment
info flow_cv - Information flow taken from CVRIA

**AVSS12 – Cooperative Vehicle Safety Systems
NMDOT In Vehicle Signage**



LEGEND

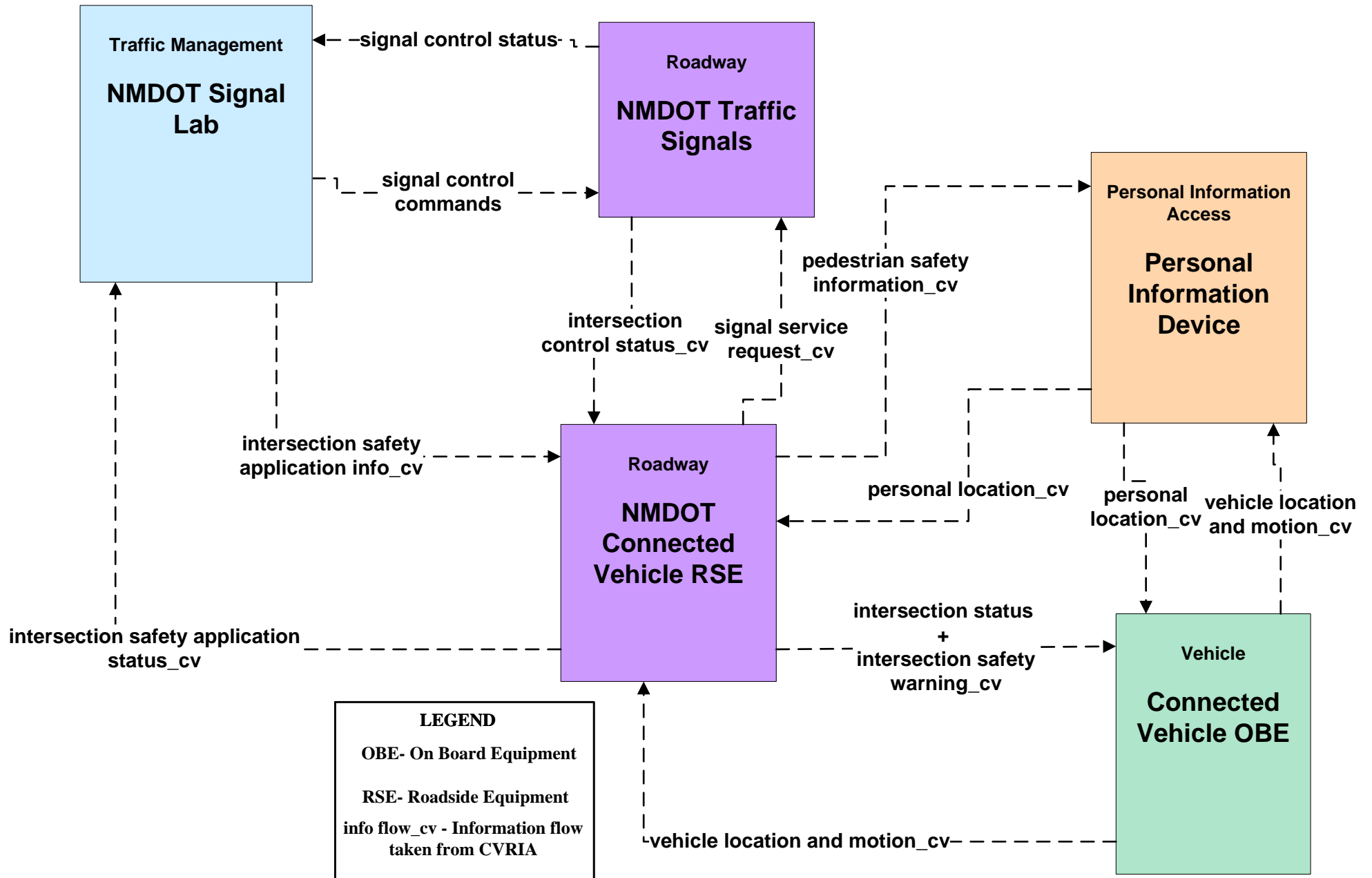
OBE- On Board Equipment

RSE- Roadside Equipment

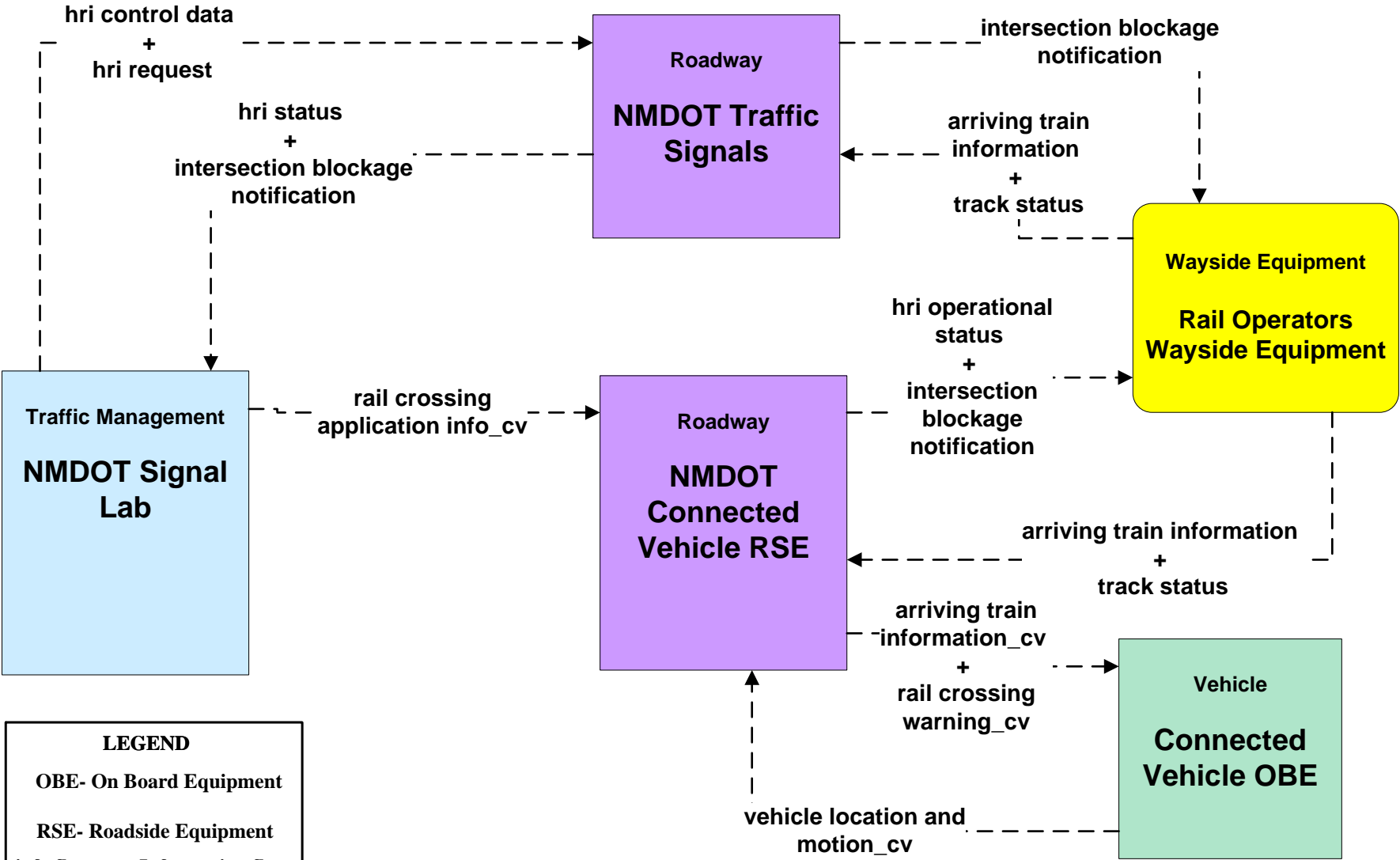
info flow_cv - Information flow taken from CVRIA

AVSS12 – Cooperative Vehicle Safety Systems

NMDOT Pedestrian in Signalized Crosswalk Warning

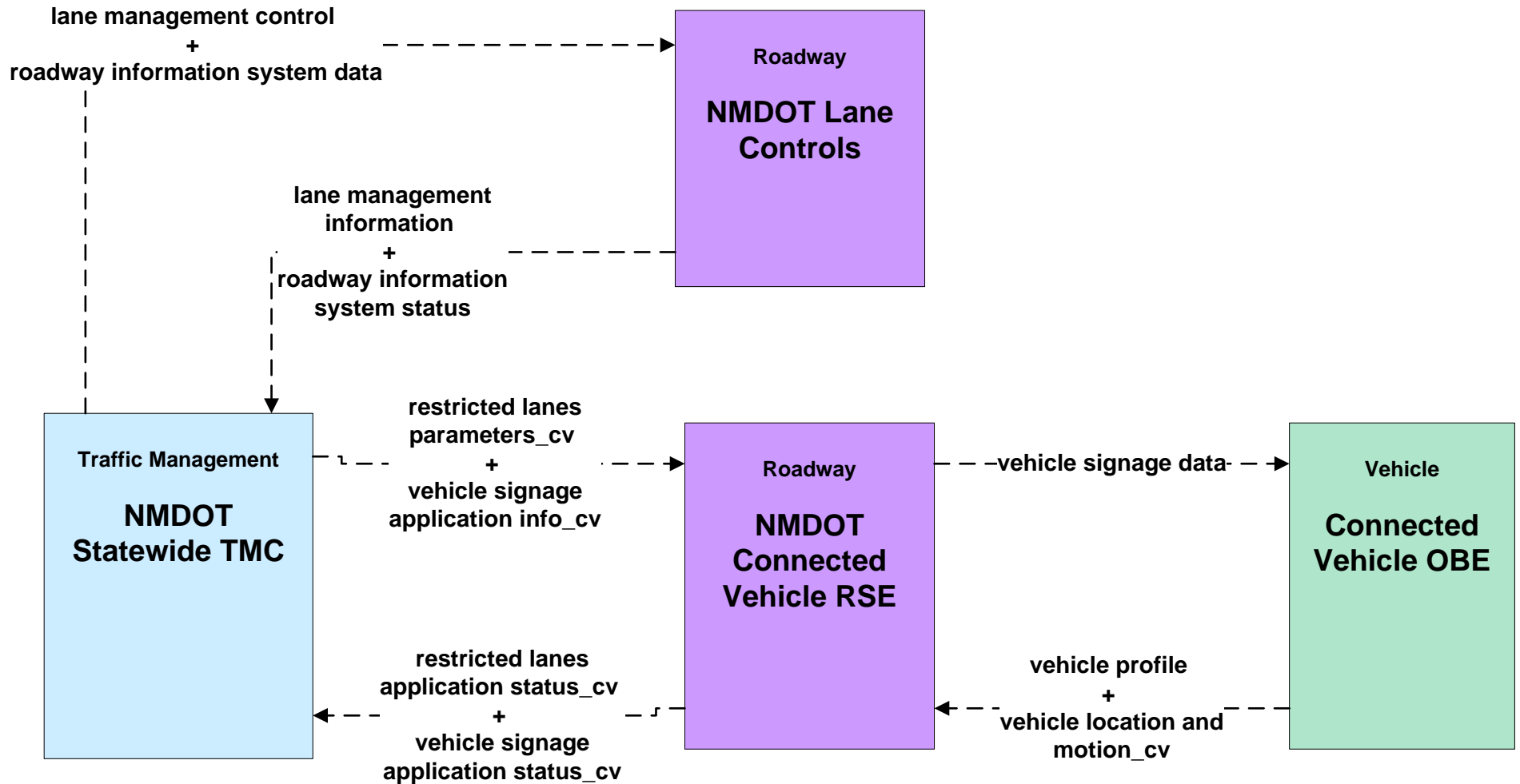


**AVSS12 – Cooperative Vehicle Safety Systems
NMDOT Railroad Crossing Violation Warning**



LEGEND
 OBE- On Board Equipment
 RSE- Roadside Equipment
 info flow_cv - Information flow taken from CVRIA

AVSS12 – Cooperative Vehicle Safety Systems NMDOT Restricted Lane Warning



LEGEND

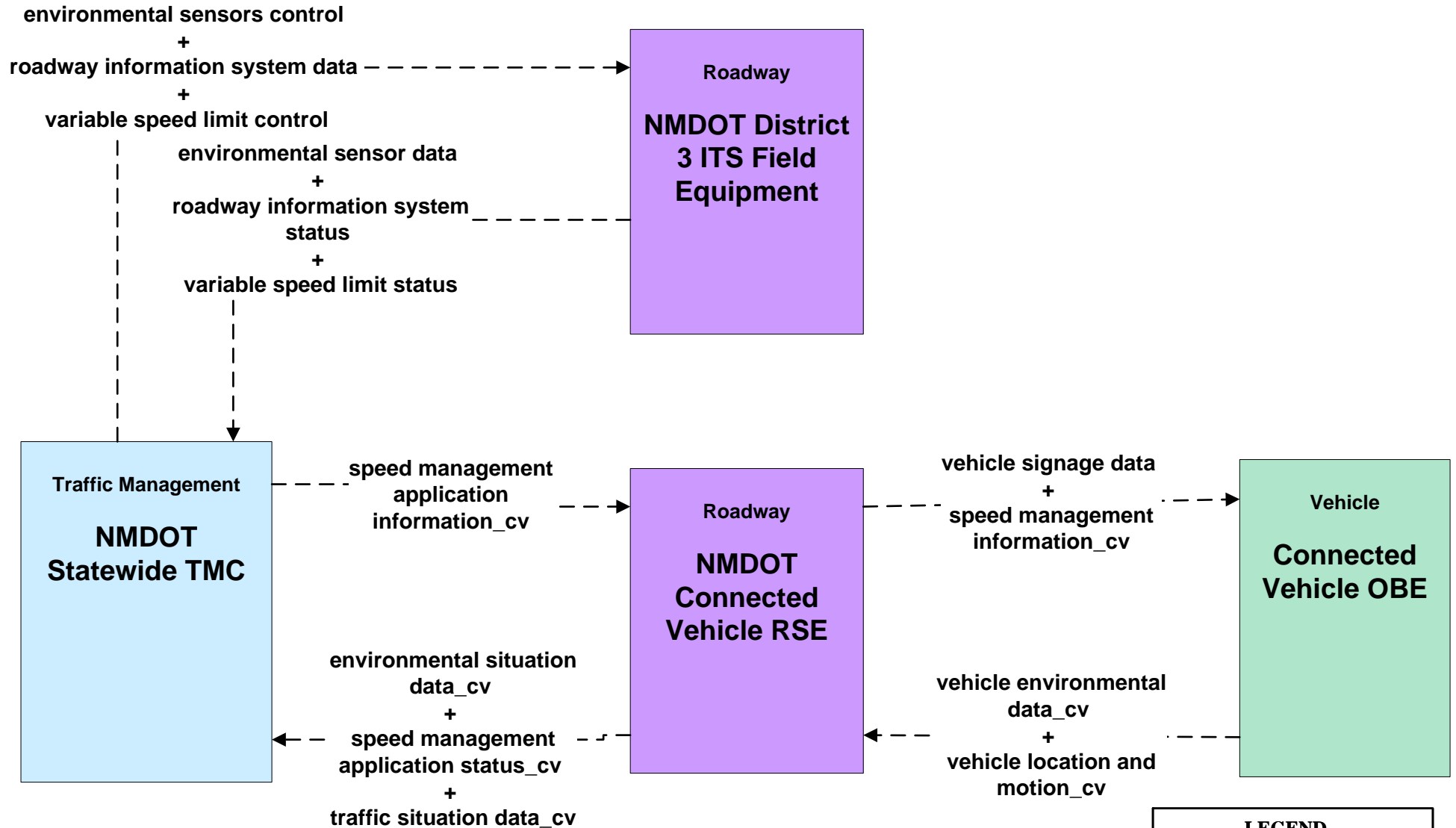
OBE- On Board Equipment

RSE- Roadside Equipment

info flow_cv - Information flow taken from CVRIA

AVSS12 – Cooperative Vehicle Safety Systems

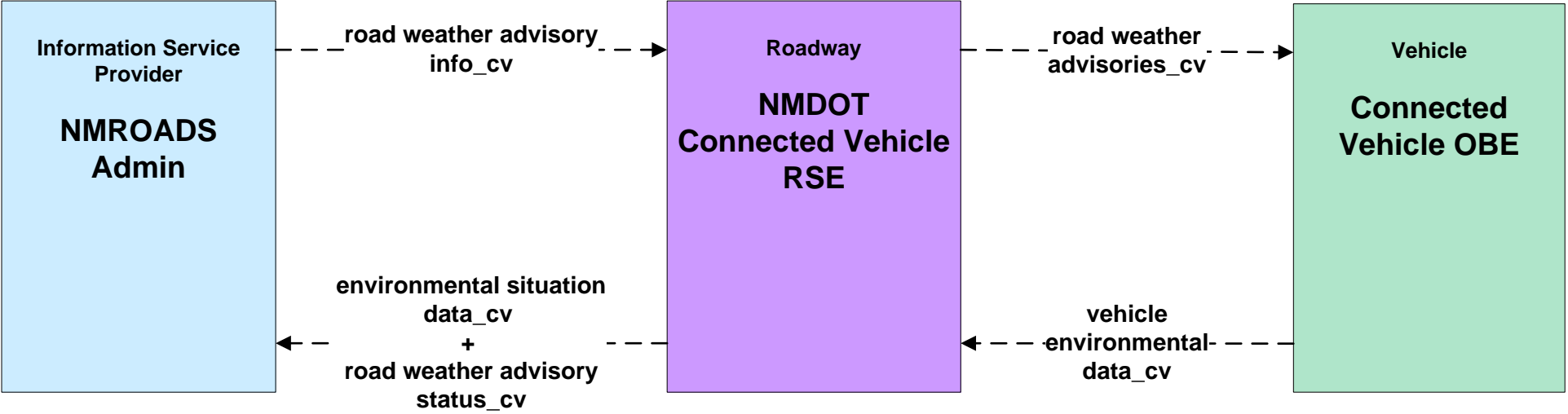
NMDOT Variable Speed Limits for Weather Responsive Traffic Management



LEGEND

- OBE- On Board Equipment
- RSE- Roadside Equipment
- info flow_cv - Information flow taken from CVRIA

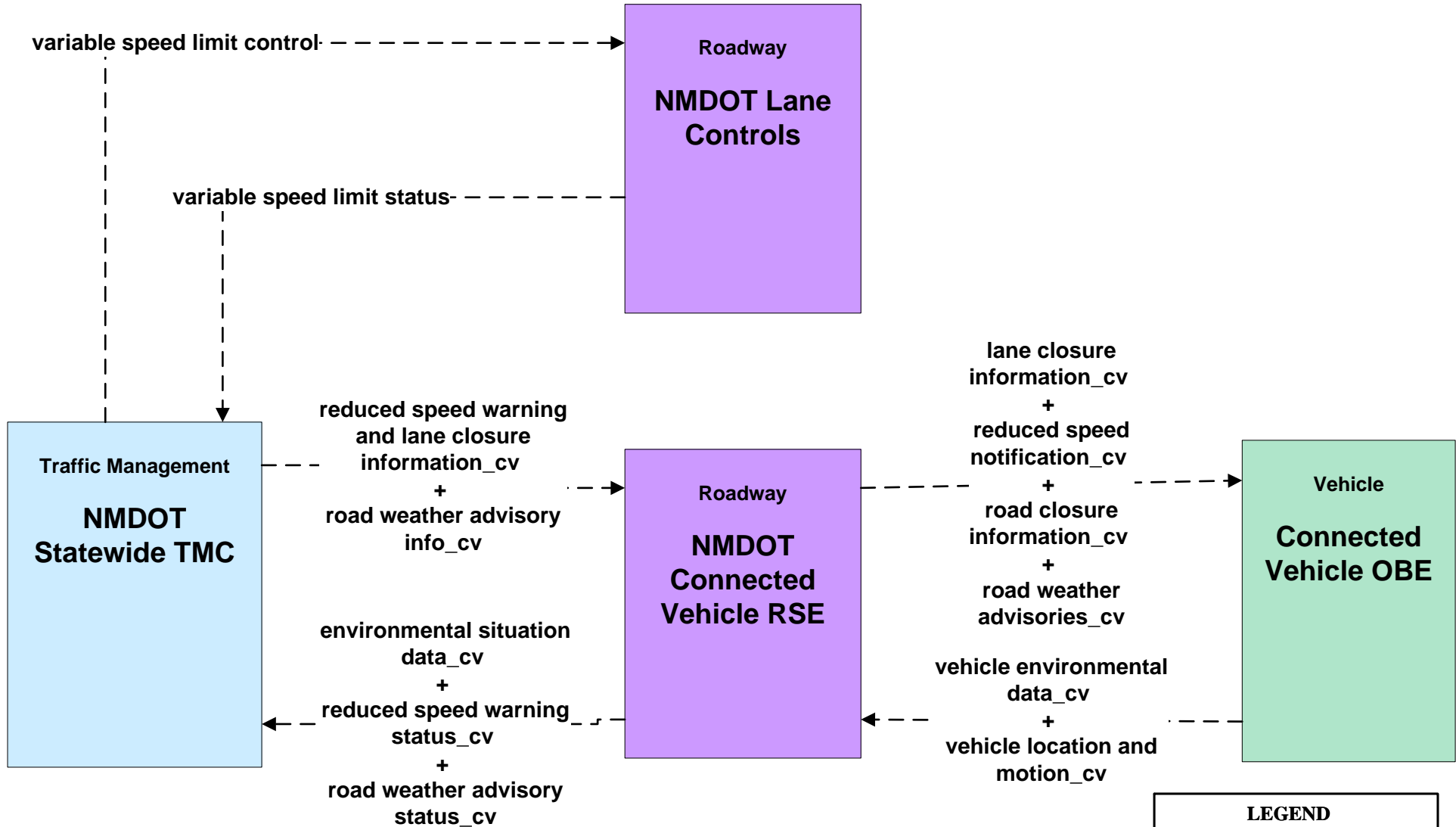
**AVSS12 – Cooperative Vehicle Safety Systems
NMDOT Road Weather Motorist Alert**



LEGEND
OBE- On Board Equipment
RSE- Roadside Equipment
info flow_cv - Information flow taken from CVRIA

AVSS12 – Cooperative Vehicle Safety Systems

NMDOT Spot Weather Impact Warning



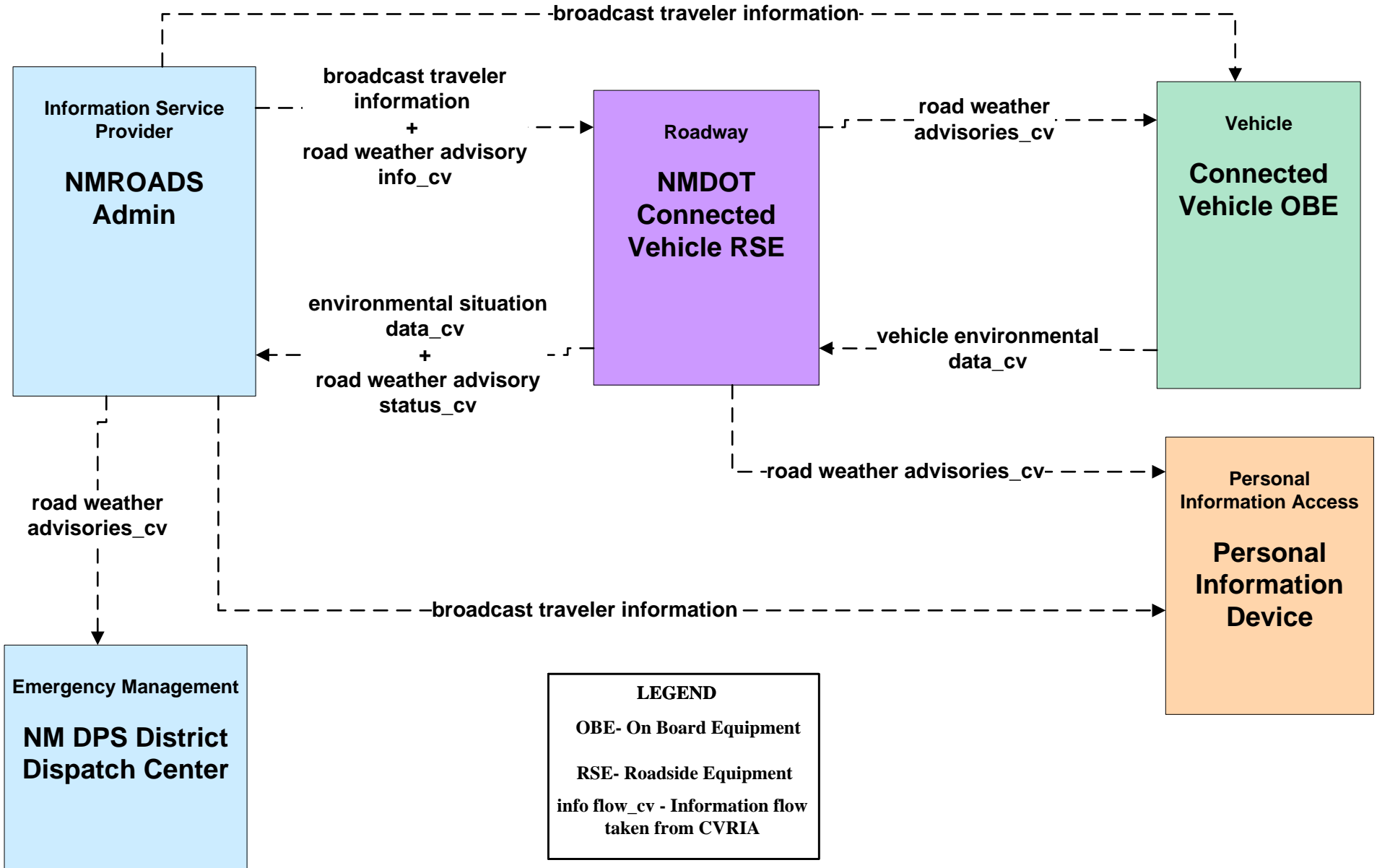
LEGEND

OBE- On Board Equipment

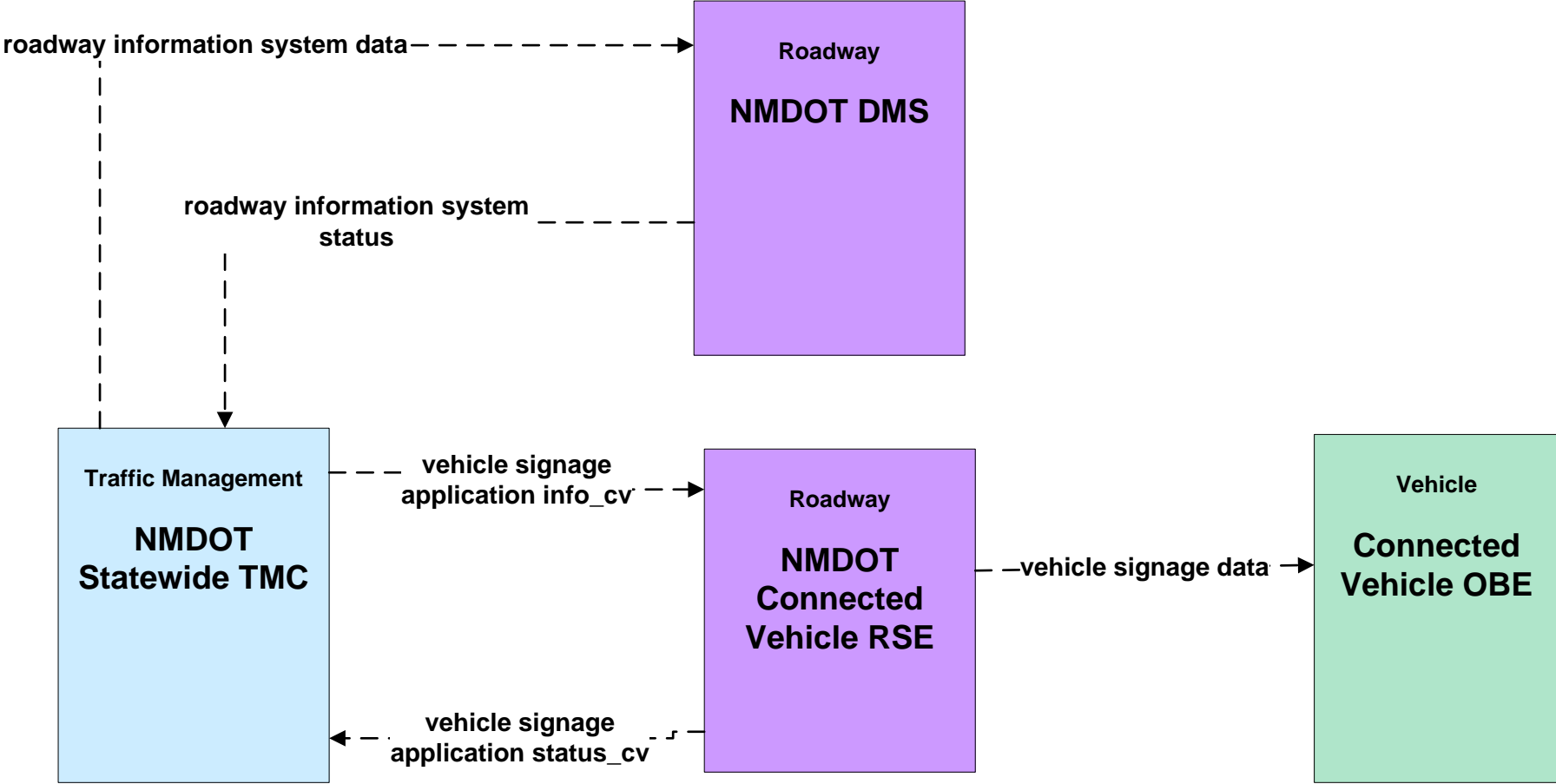
RSE- Roadside Equipment

info flow_cv - Information flow taken from CVRIA

**AVSS12 – Cooperative Vehicle Safety Systems
NMDOT Connected Vehicle Traveler Information**

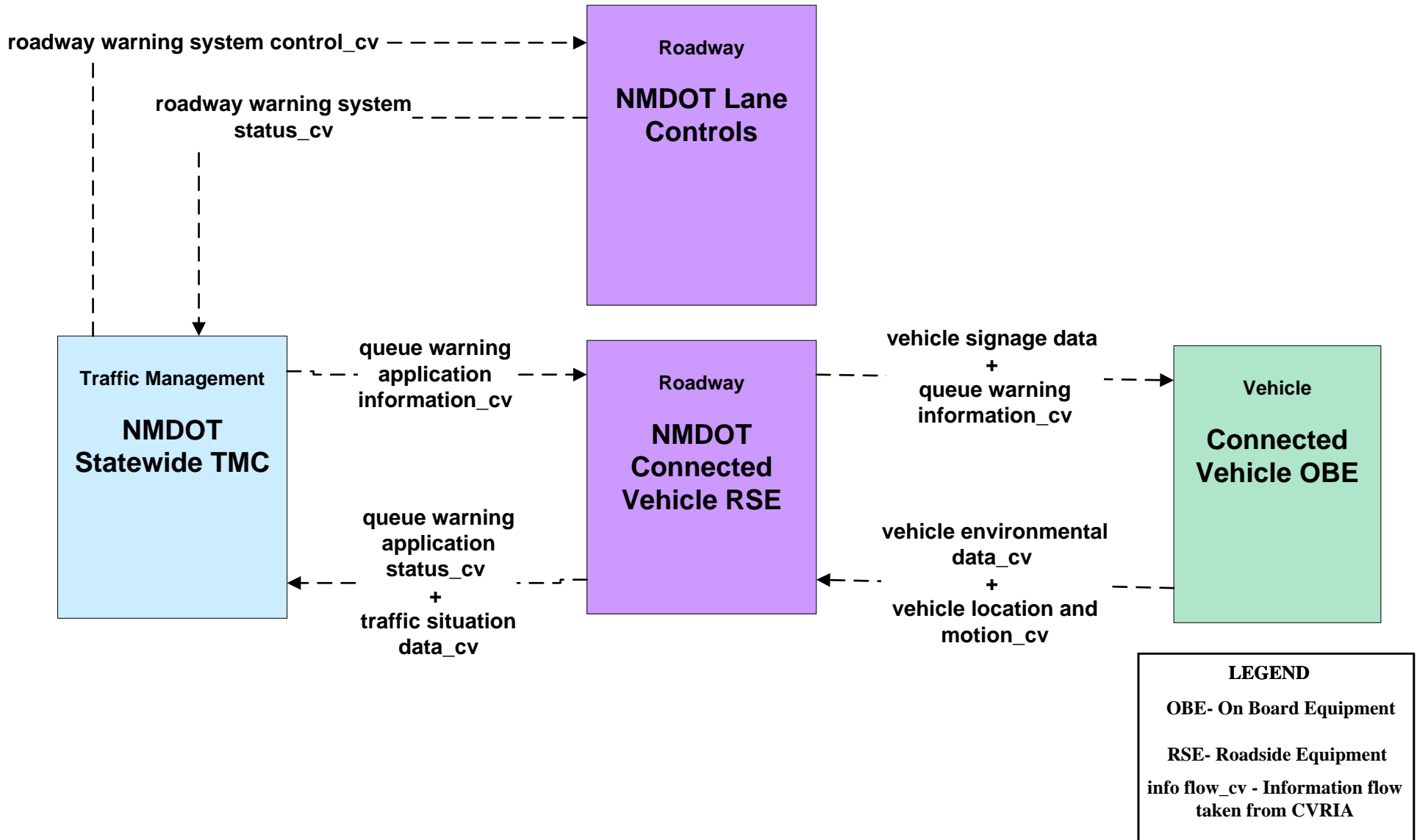


**AVSS12 – Cooperative Vehicle Safety Systems
NMDOT Work Zone Warning**

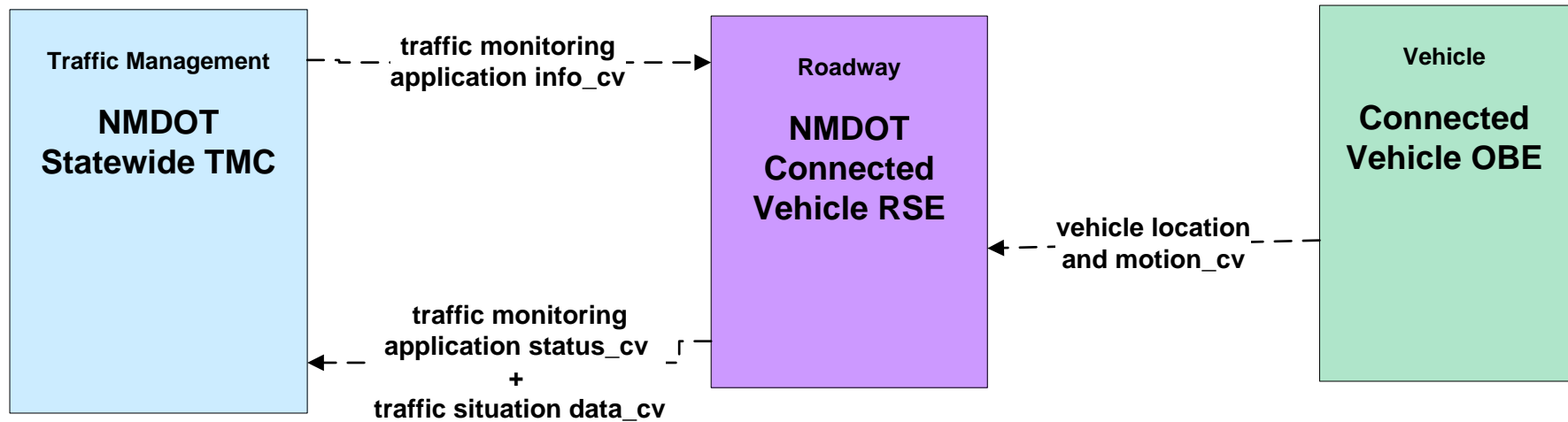


LEGEND
OBE- On Board Equipment
RSE- Roadside Equipment
info flow_cv - Information flow taken from CVRIA

**AVSS12 – Cooperative Vehicle Safety Systems
NMDOT Queue Warning**



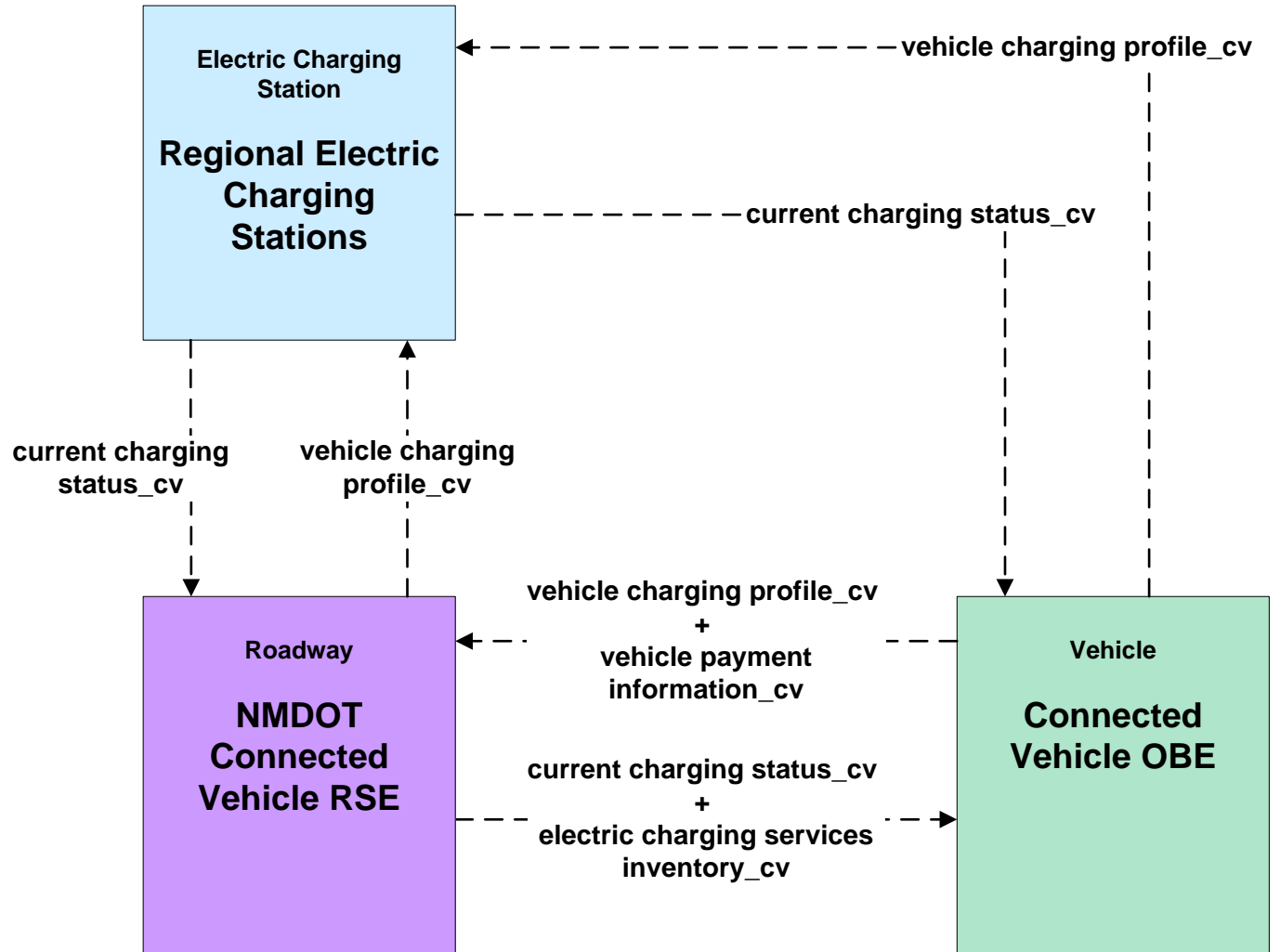
**AVSS12 – Cooperative Vehicle Safety Systems
NMDOT Vehicle Data for Traffic Operations**



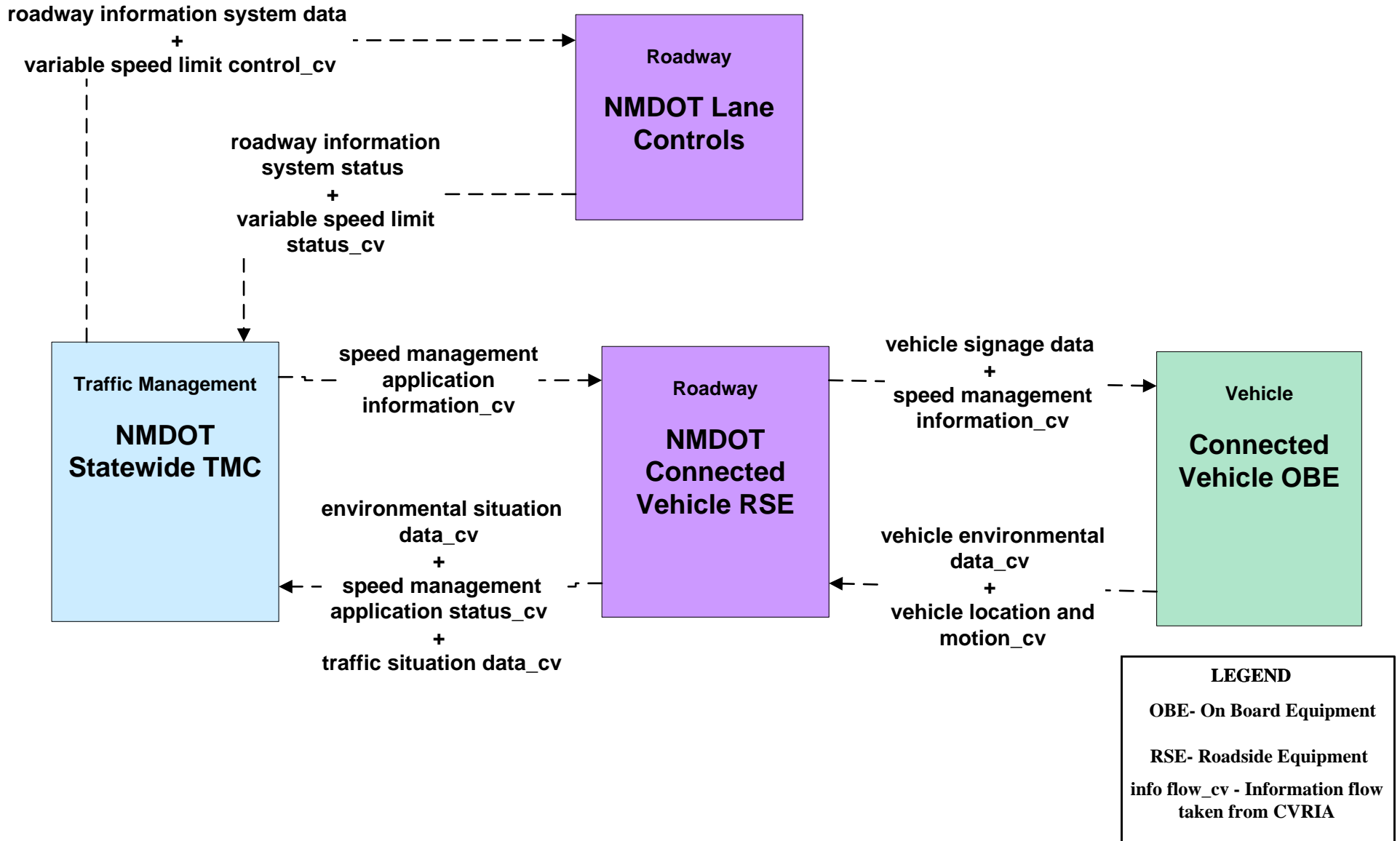
LEGEND
OBE- On Board Equipment
RSE- Roadside Equipment
info flow_cv - Information flow taken from CVRIA

AVSS12 – Cooperative Vehicle Safety Systems

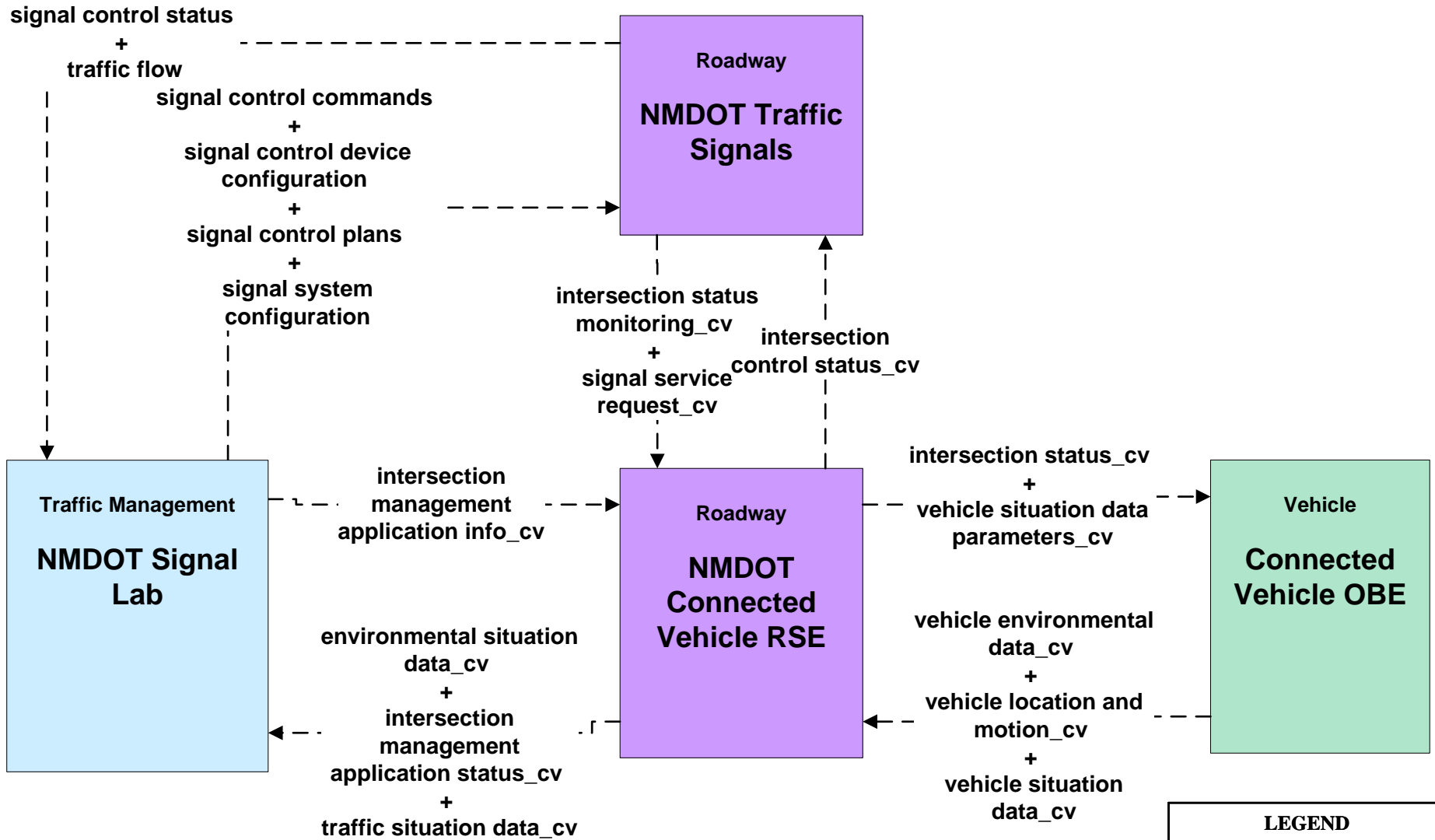
Electric Charging Station Management



**AVSS12 – Cooperative Vehicle Safety Systems
NMDOT Speed Harmonization**



AVSS12 – Cooperative Vehicle Safety Systems NMDOT Intelligent Traffic Signal System



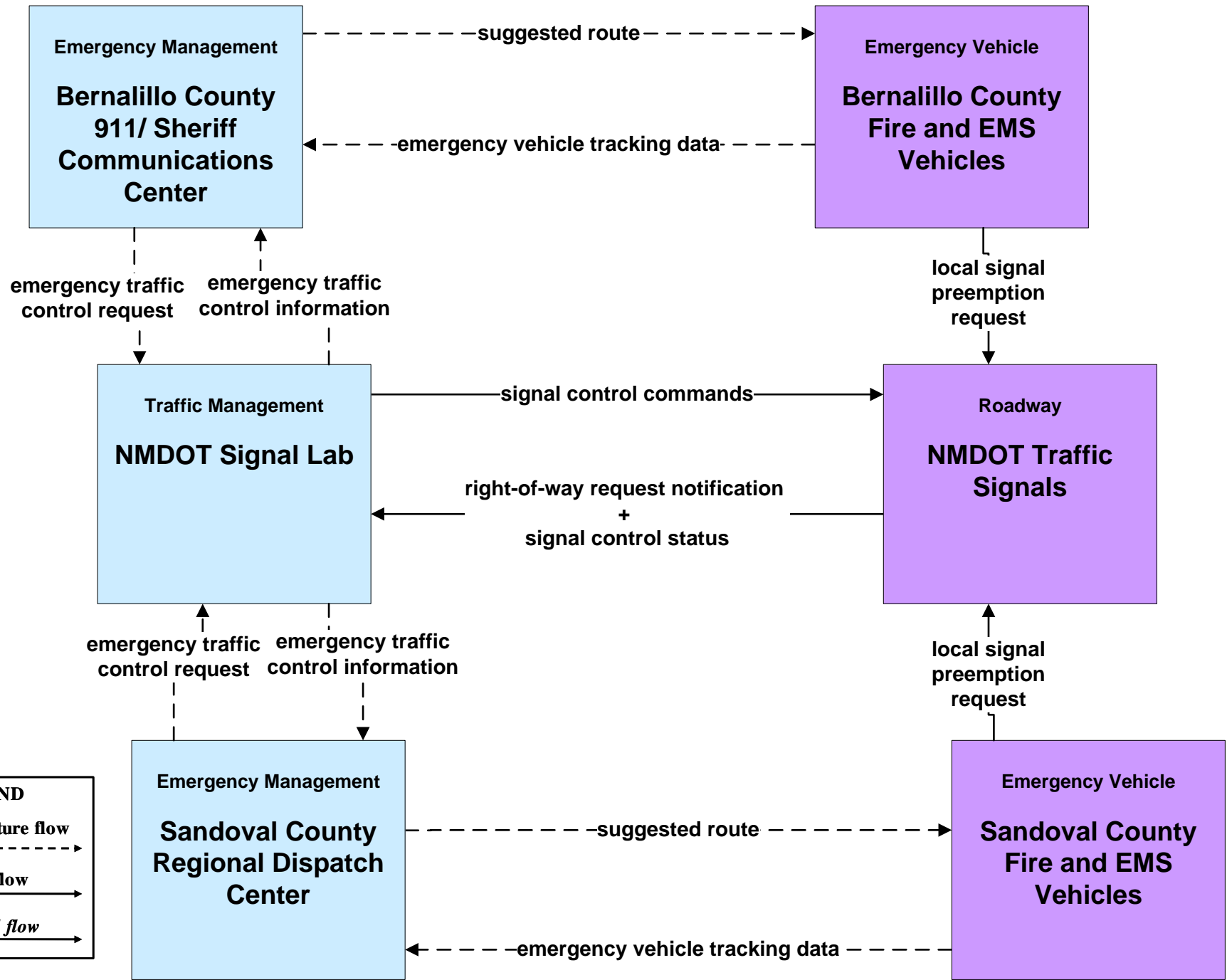
LEGEND

OBE- On Board Equipment

RSE- Roadside Equipment

info flow_cv - Information flow taken from CVRIA

EM02 - Emergency Routing NMDOT District 3



LEGEND

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

EM02 - Emergency Routing NMDOT/Regional TMC

Emergency Management
**Bernalillo County
911/ Sheriff
Communications
Center**

Emergency Vehicle
**Bernalillo County
Fire and EMS
Vehicles**

emergency traffic control request emergency traffic control information

local signal
preemption
request

Traffic Management
Albuquerque RTMC

Roadway
**NMDOT Traffic
Signals**

—signal control commands—

right-of-way request notification
+
signal control status

emergency traffic control request emergency traffic control information

local signal
preemption
request

Emergency Management
**Sandoval County
Regional Dispatch
Center**

Emergency Vehicle
**Sandoval County
Fire and EMS
Vehicles**

—suggested route—

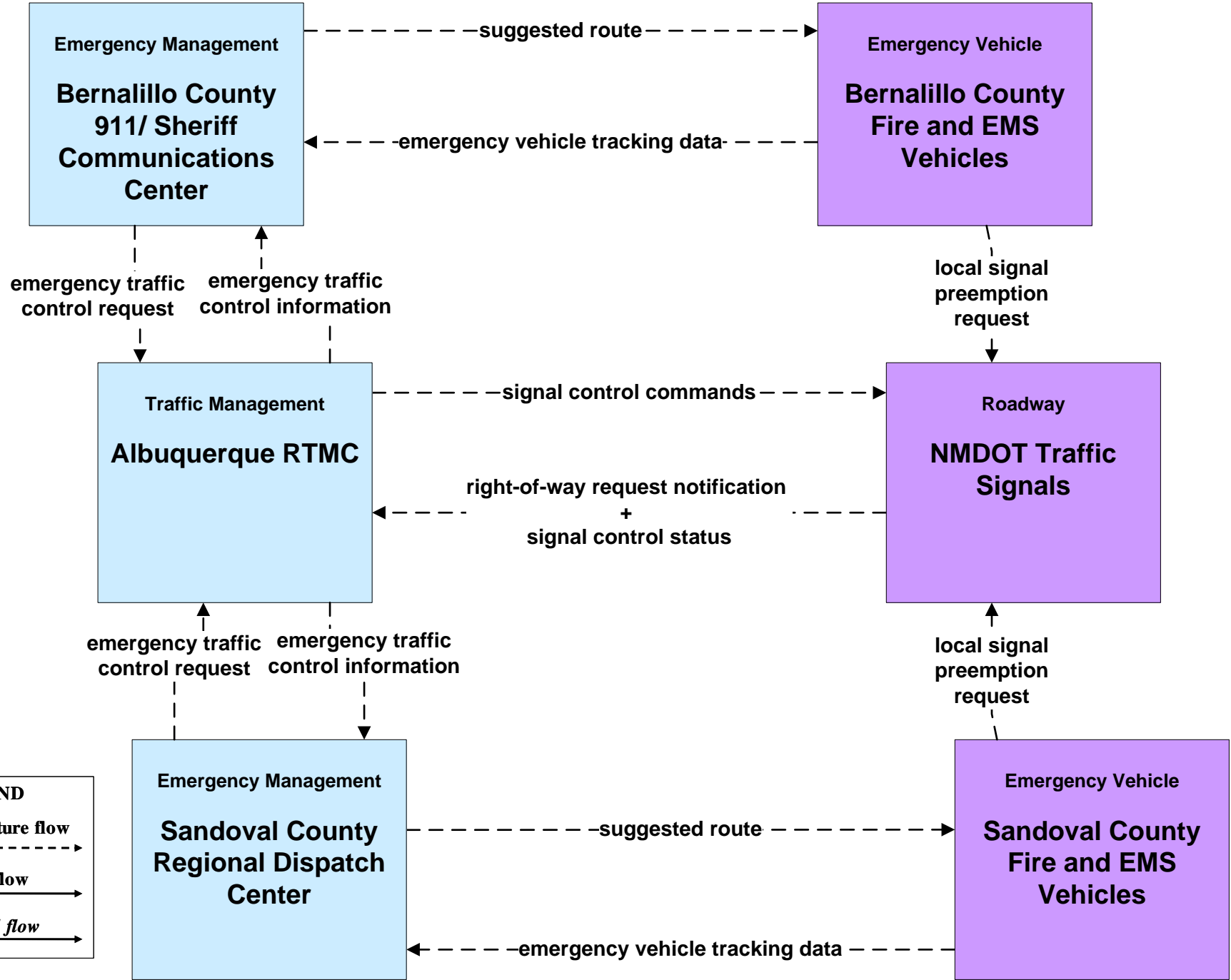
—emergency vehicle tracking data—

LEGEND

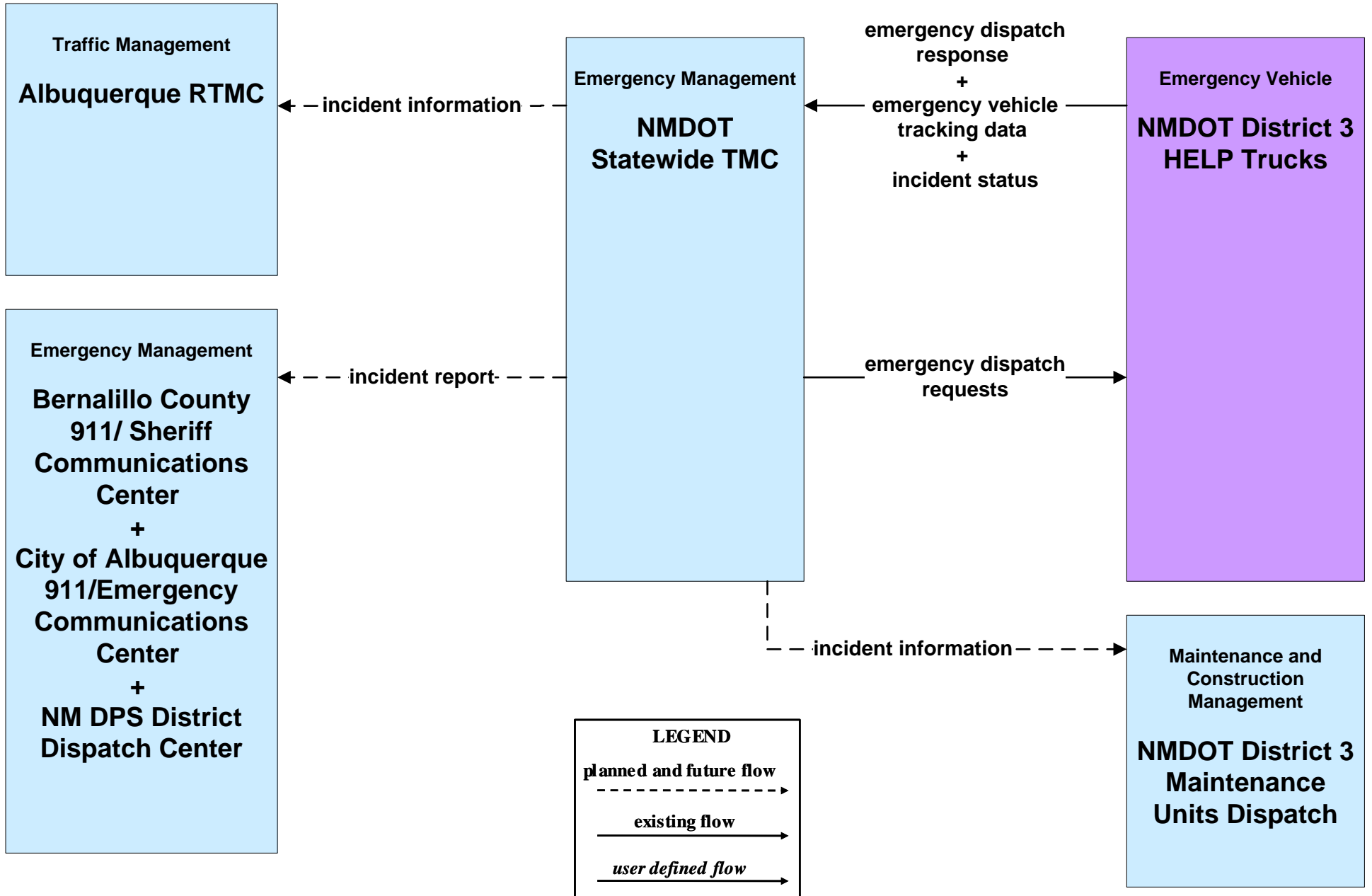
planned and future flow
----->

existing flow
—————>

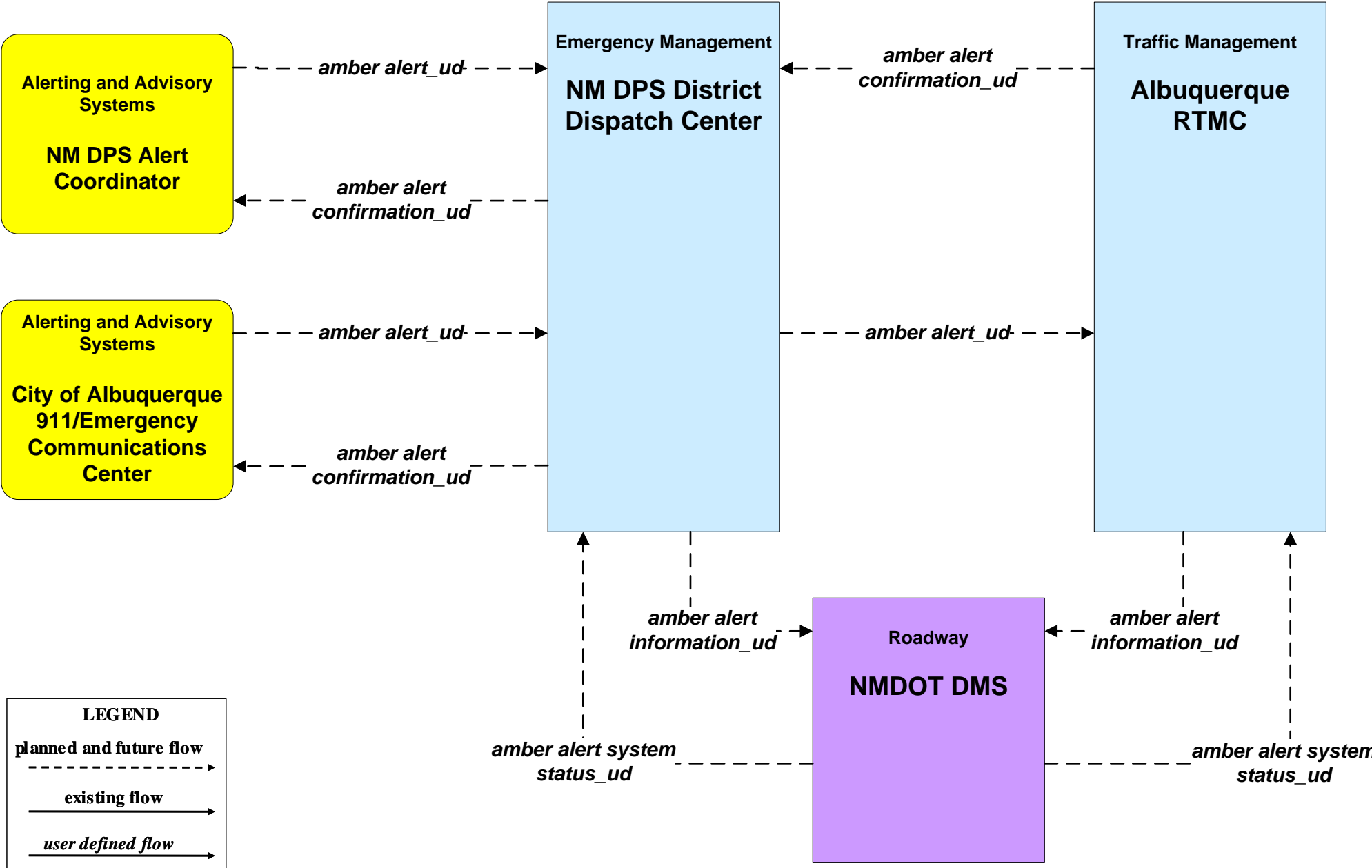
user defined flow
—————>



**EM04 - Roadway Service Patrols
NMDOT Roadway Service Patrols**



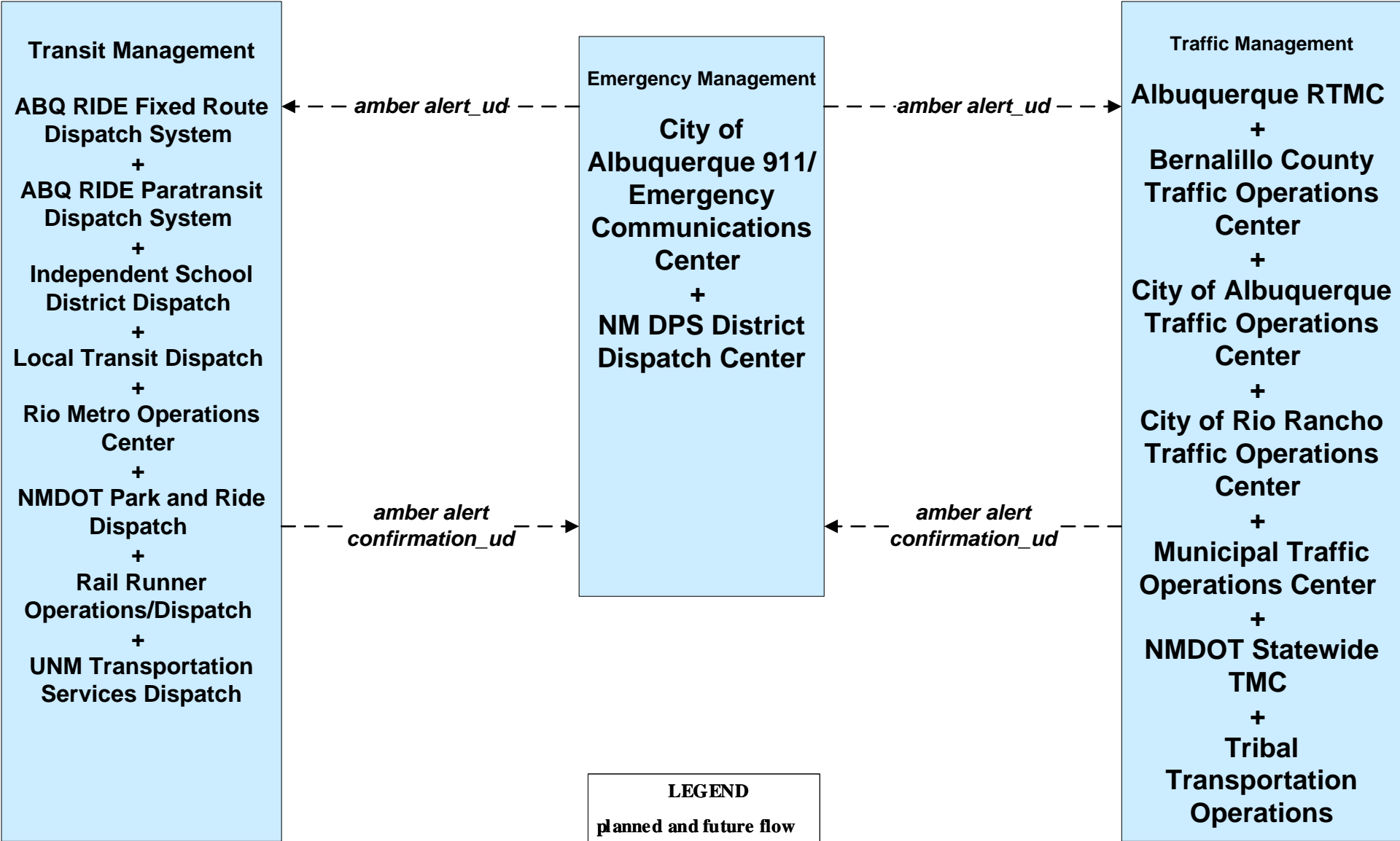
**EM06 - Wide Area Alert
Amber Alert (1 of 3)**



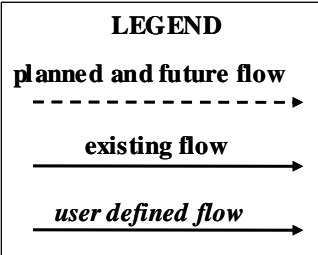
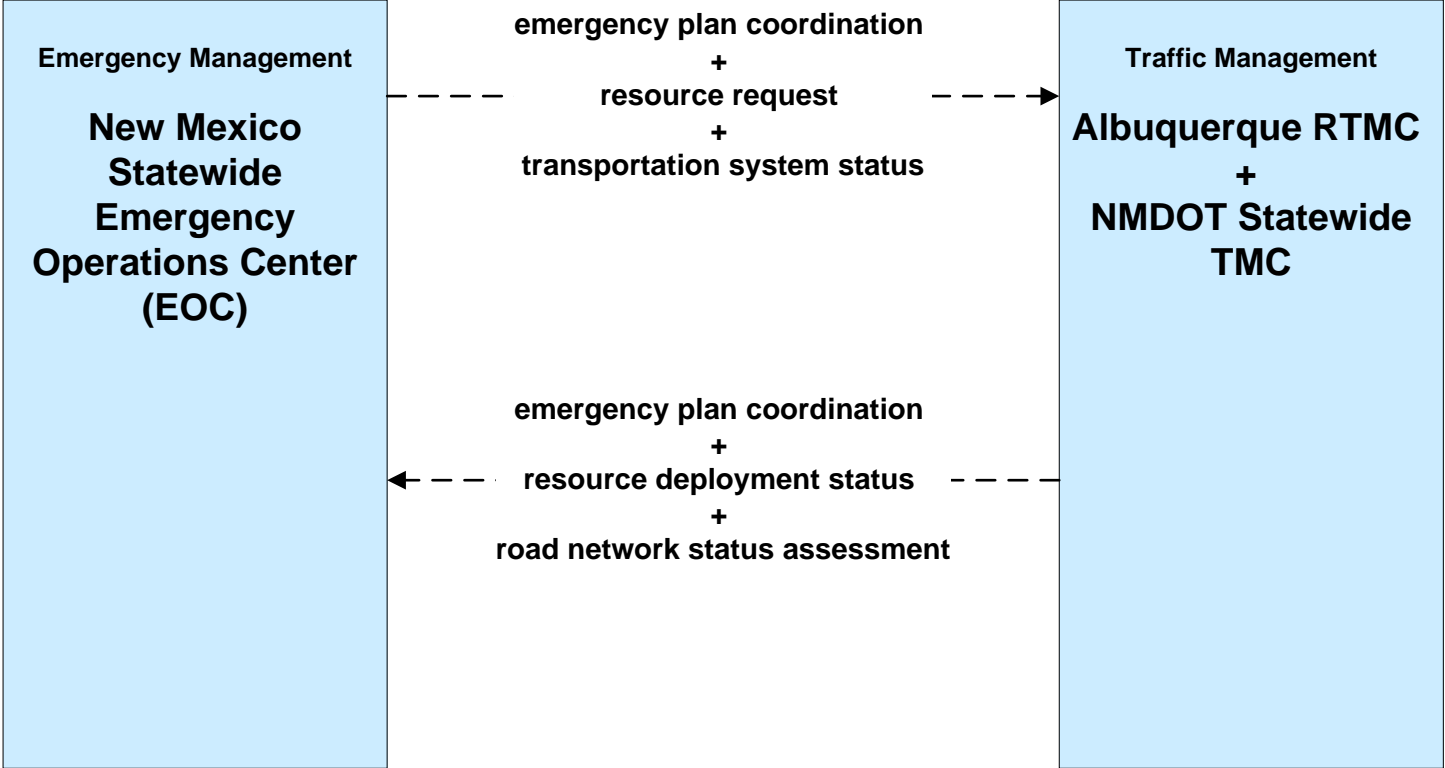
LEGEND

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

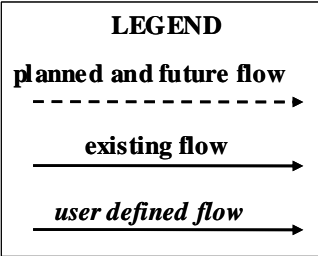
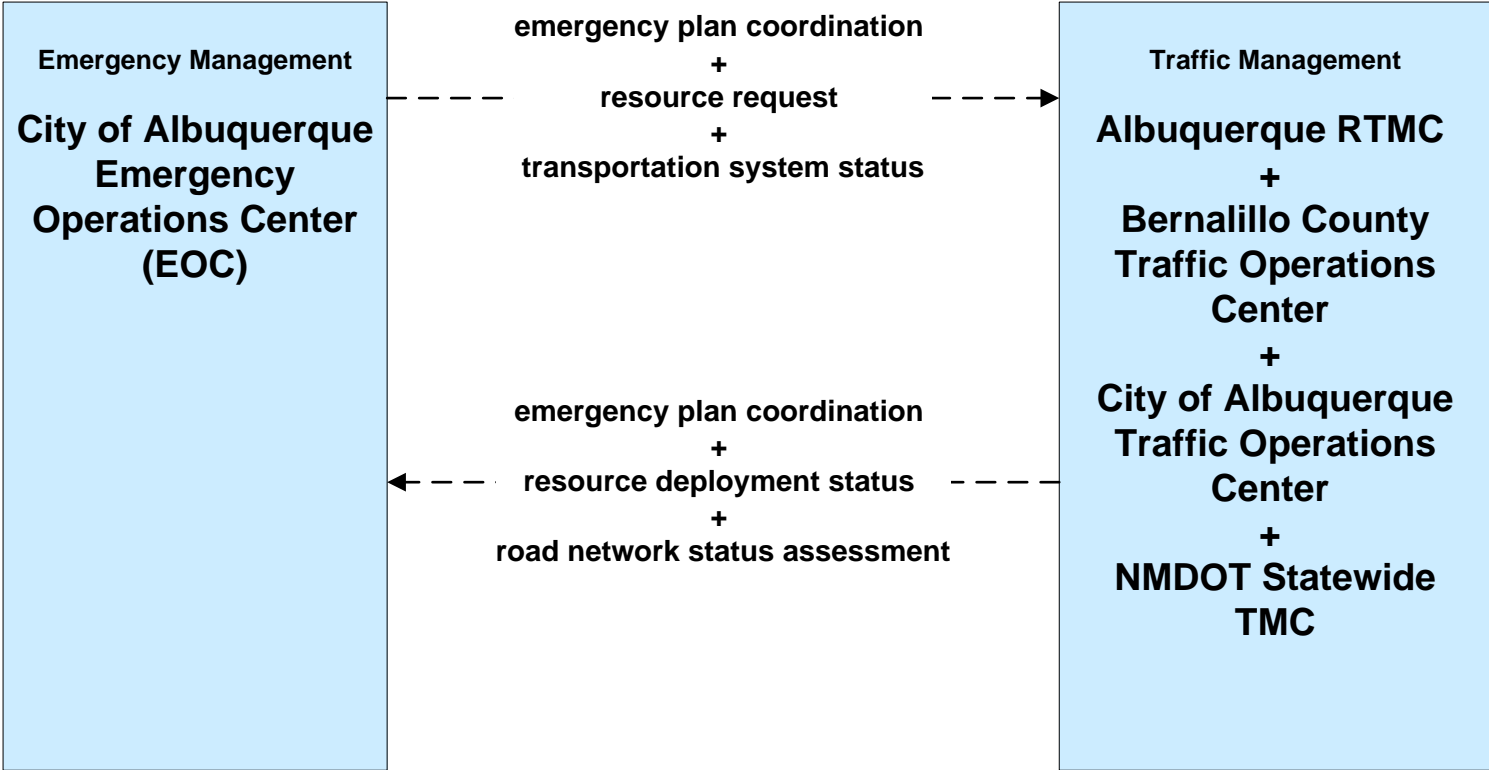
**EM06 - Wide Area Alert
Amber Alert (2 of 3)**



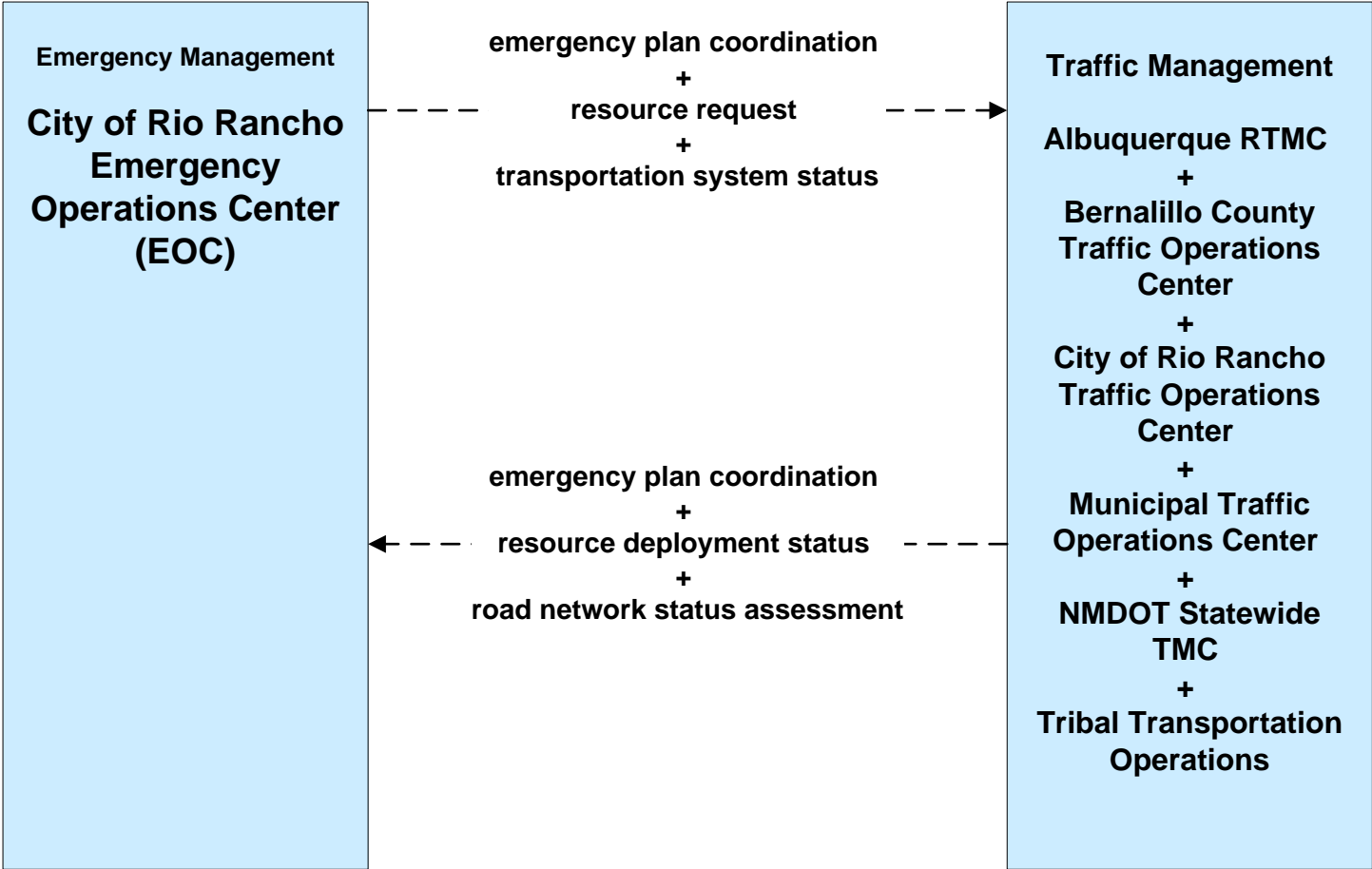
**EM08 - Disaster Response and Recovery
NM Statewide EOC (2 of 2)**



**EM08 - Disaster Response and Recovery
City of Albuquerque EOC (2 of 2)**



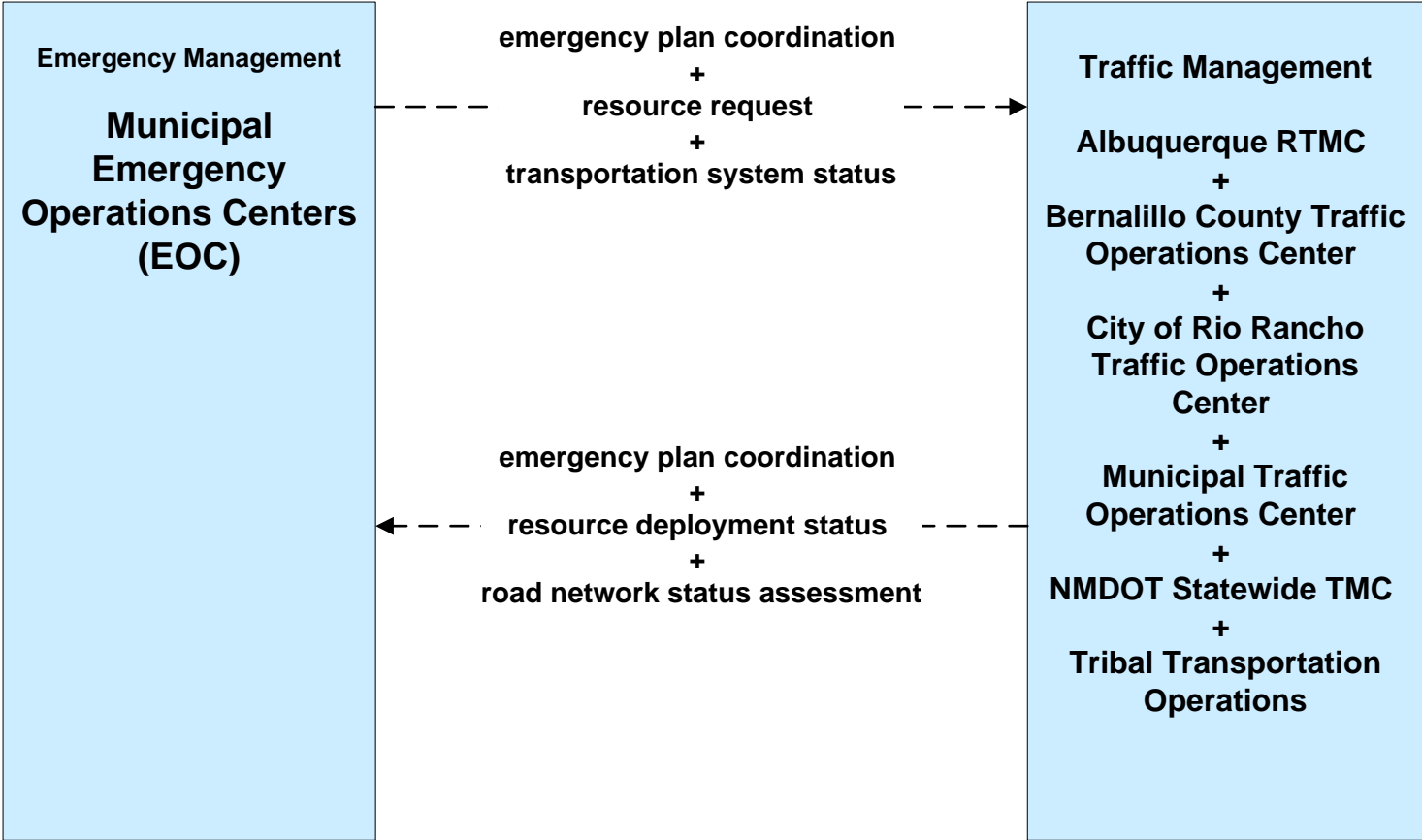
**EM08 - Disaster Response and Recovery
City of Rio Rancho County EOC (2 of 2)**



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)

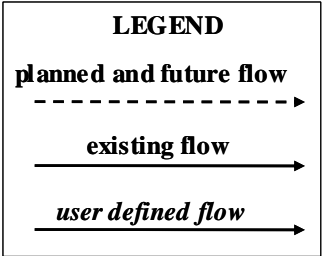
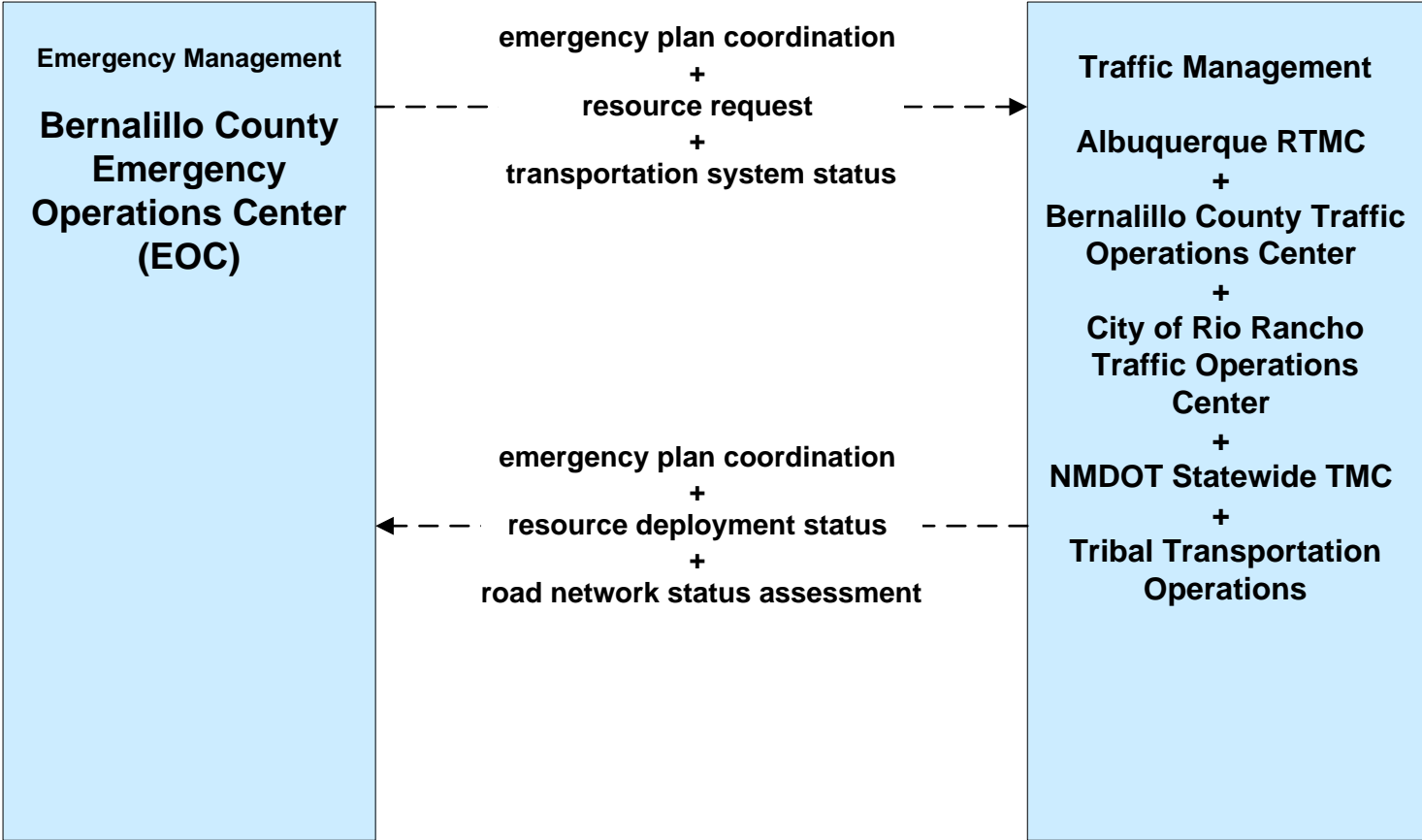
**EM08 - Disaster Response and Recovery
Municipal EOC (2 of 2)**



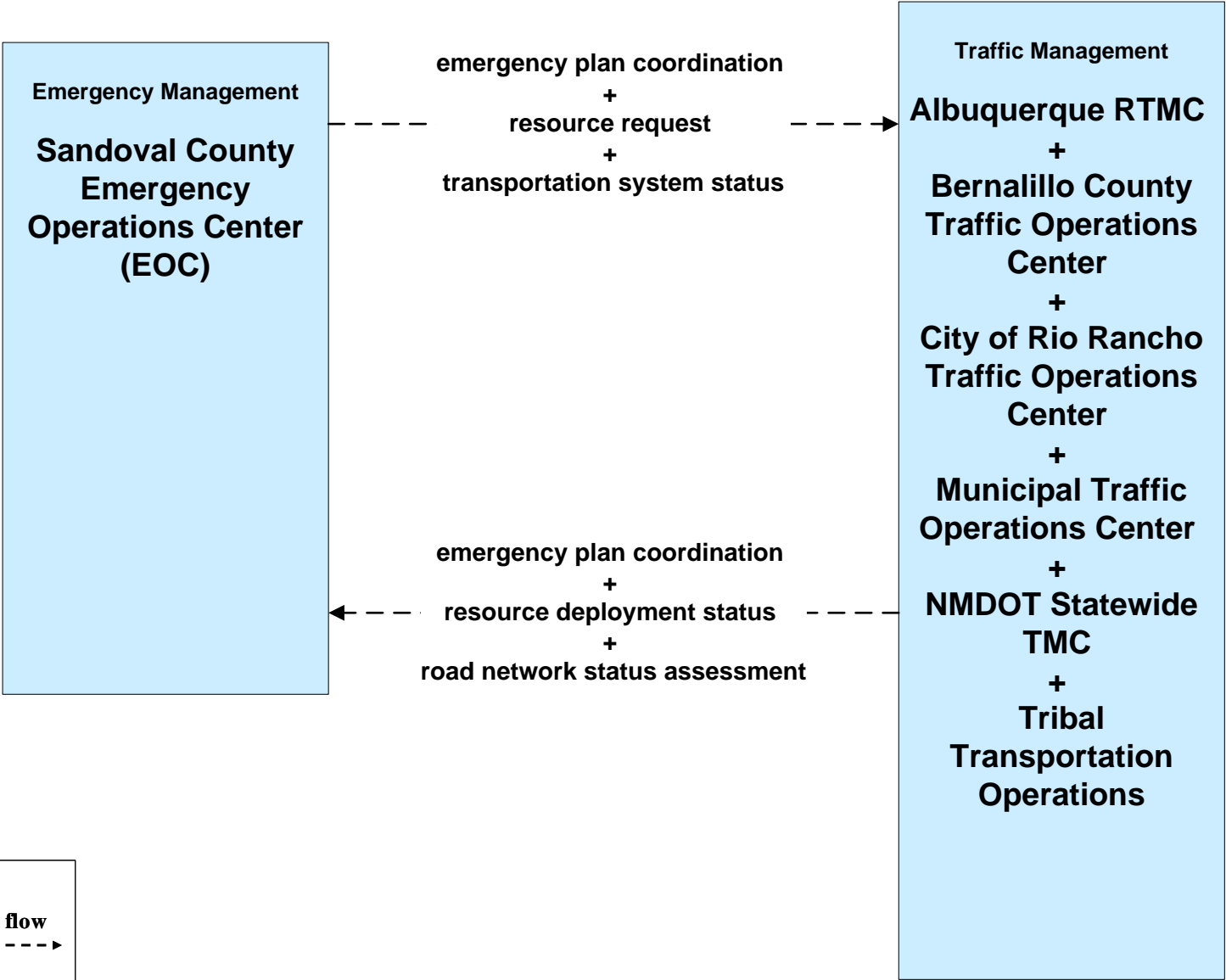
LEGEND

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

**EM08 - Disaster Response and Recovery
Bernalillo County EOC (2 of 2)**



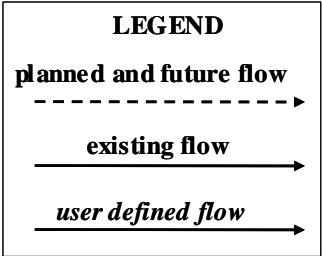
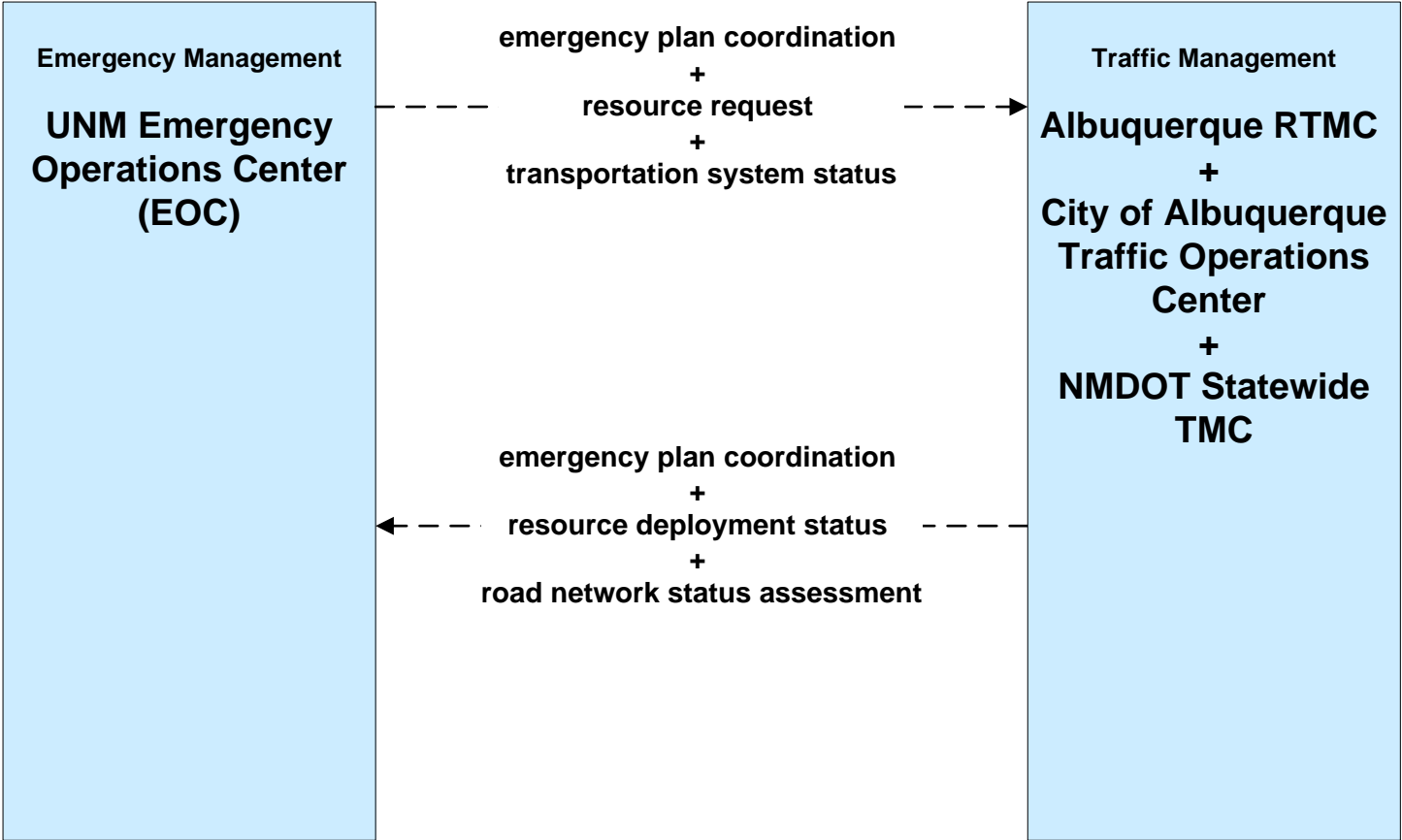
**EM08 - Disaster Response and Recovery
Sandoval County EOC (2 of 2)**



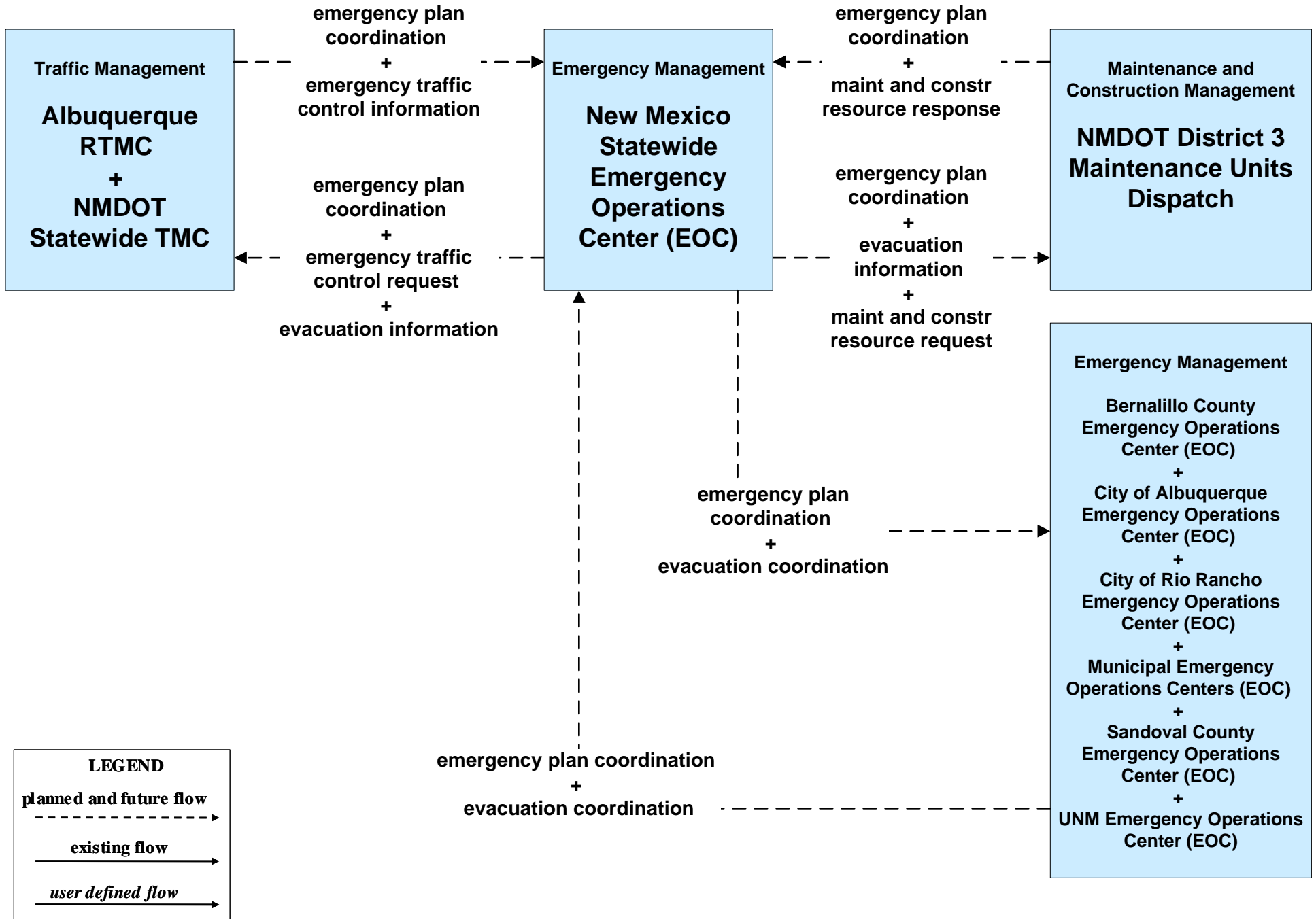
LEGEND

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

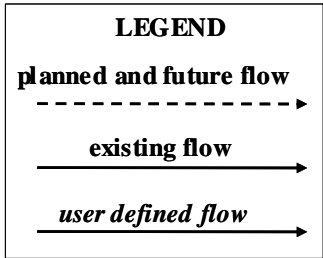
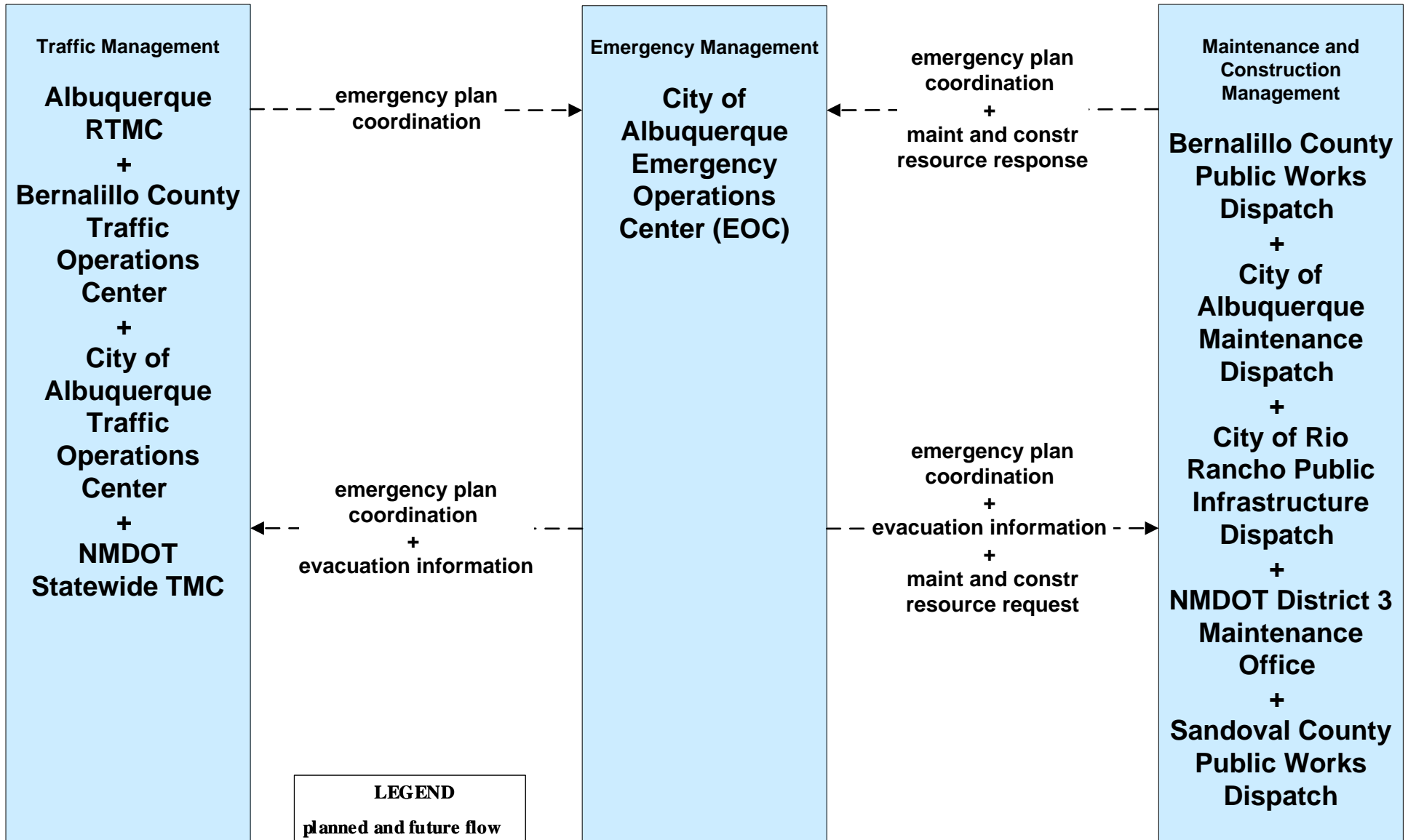
**EM08 - Disaster Response and Recovery
UNM EOC (2 of 2)**



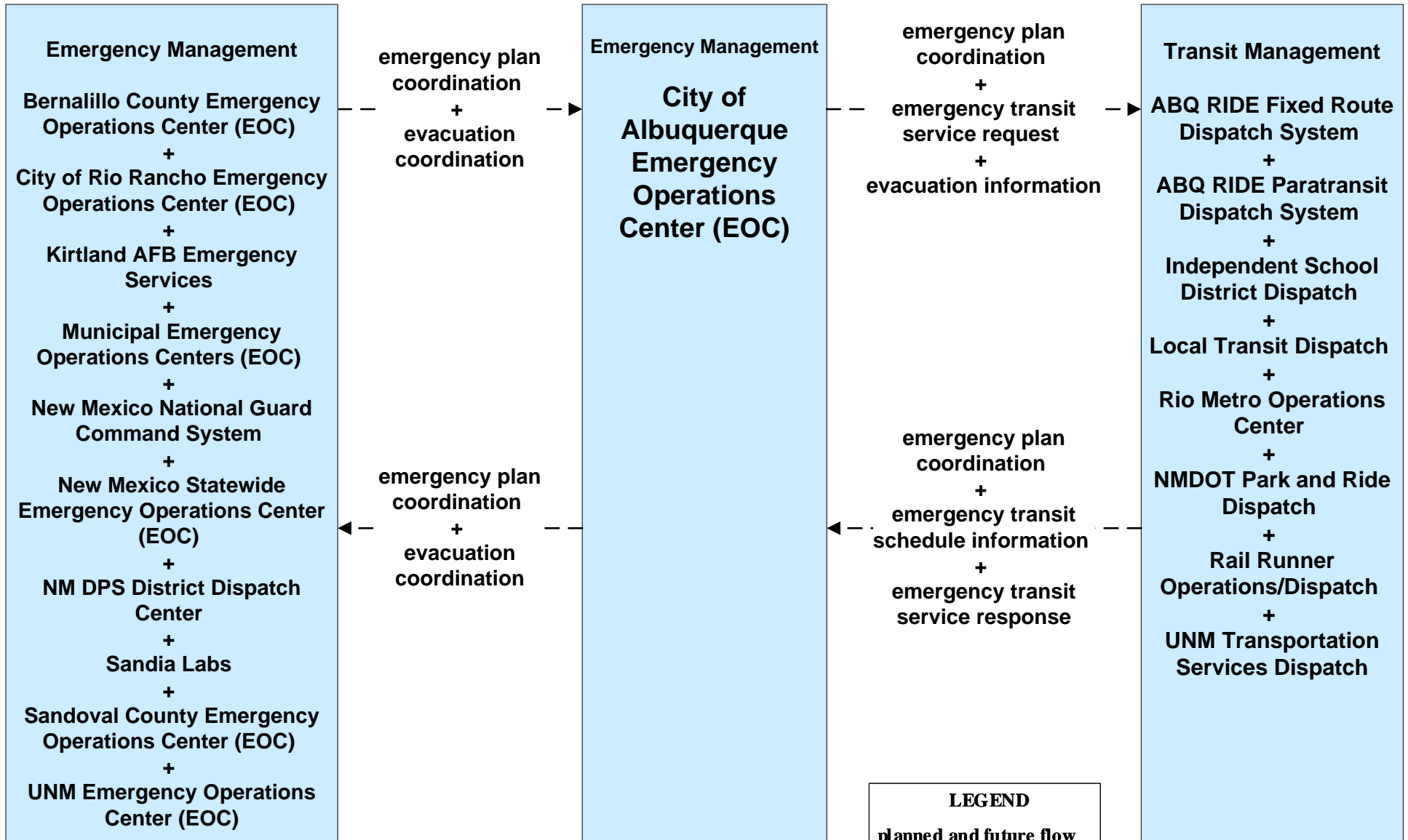
EM09 - Evacuation and Reentry Management NM Statewide EOC



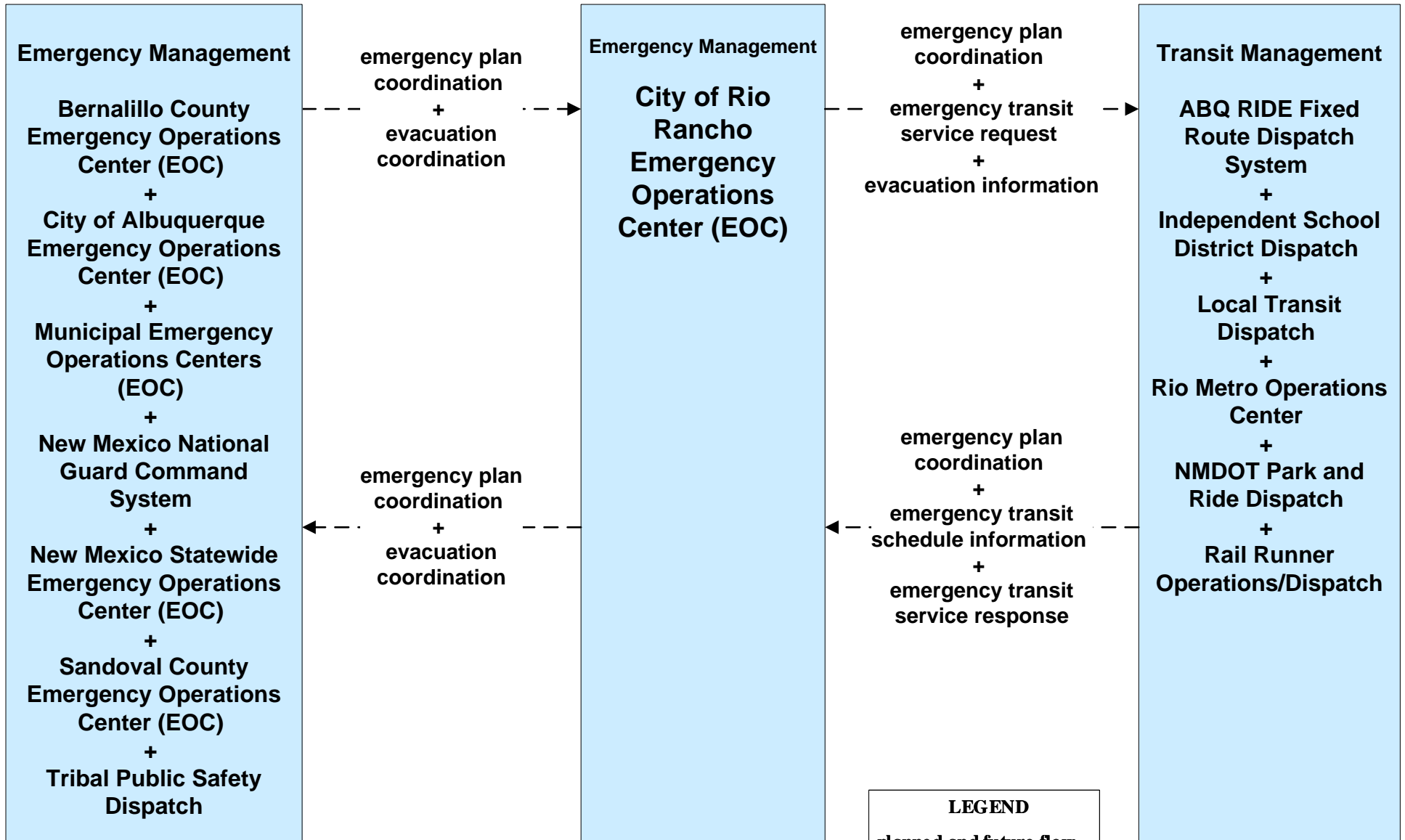
**EM09 - Evacuation and Reentry Management
City of Albuquerque EOC (1 of 2)**



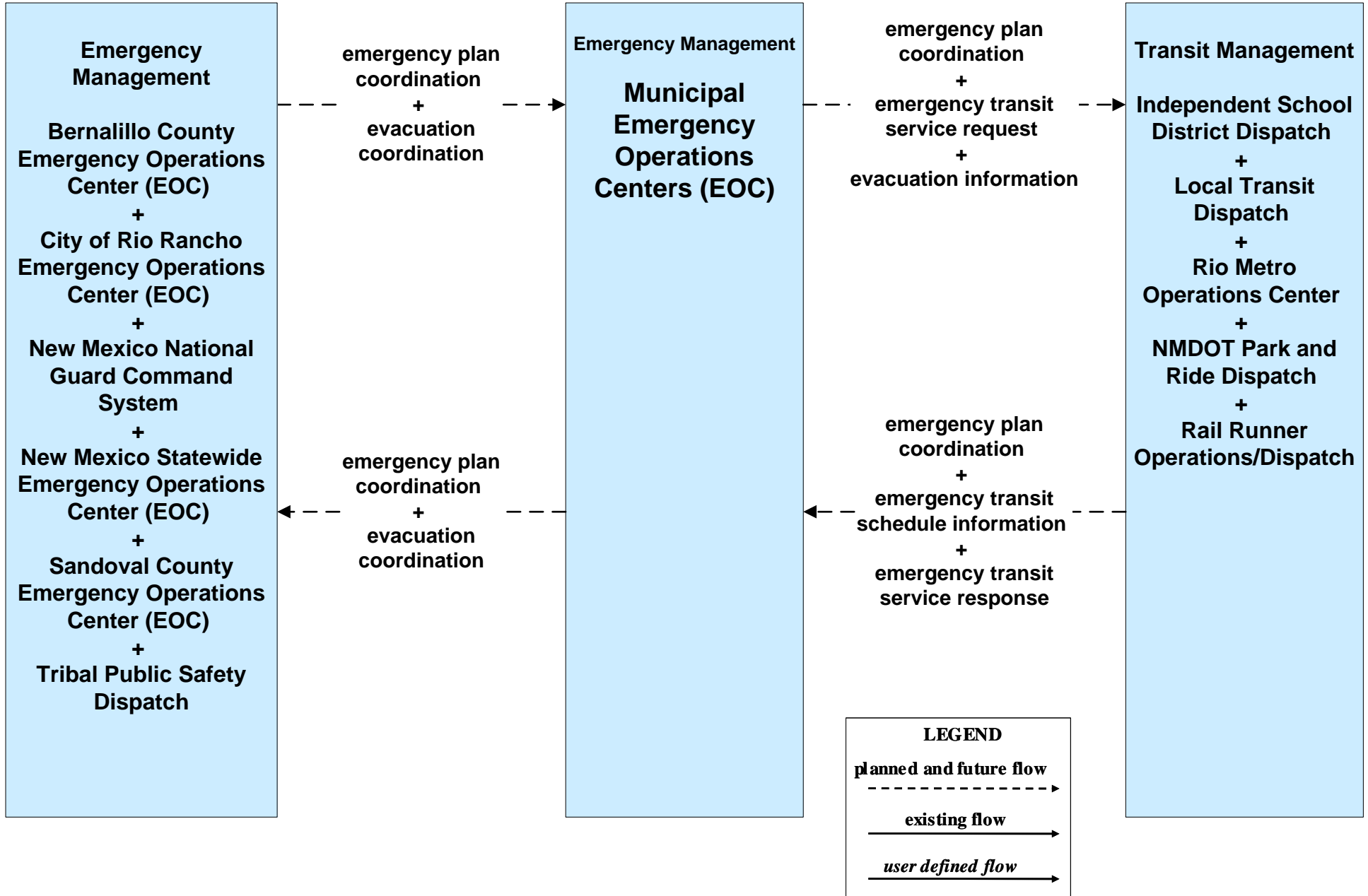
**EM09 - Evacuation and Reentry Management
City of Albuquerque EOC (2 of 2)**



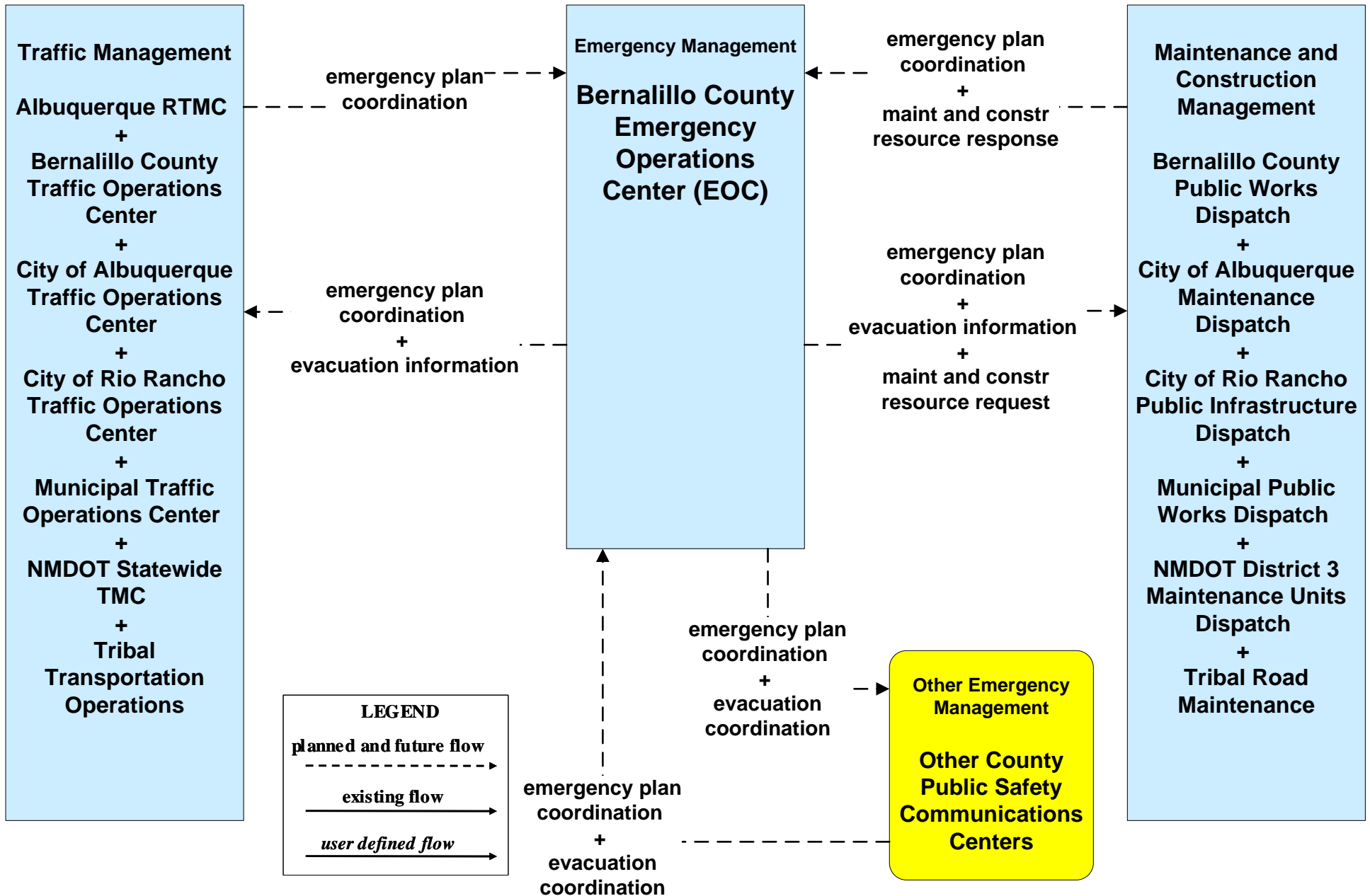
**EM09 - Evacuation and Reentry Management
City of Rio Rancho EOC (2 of 2)**



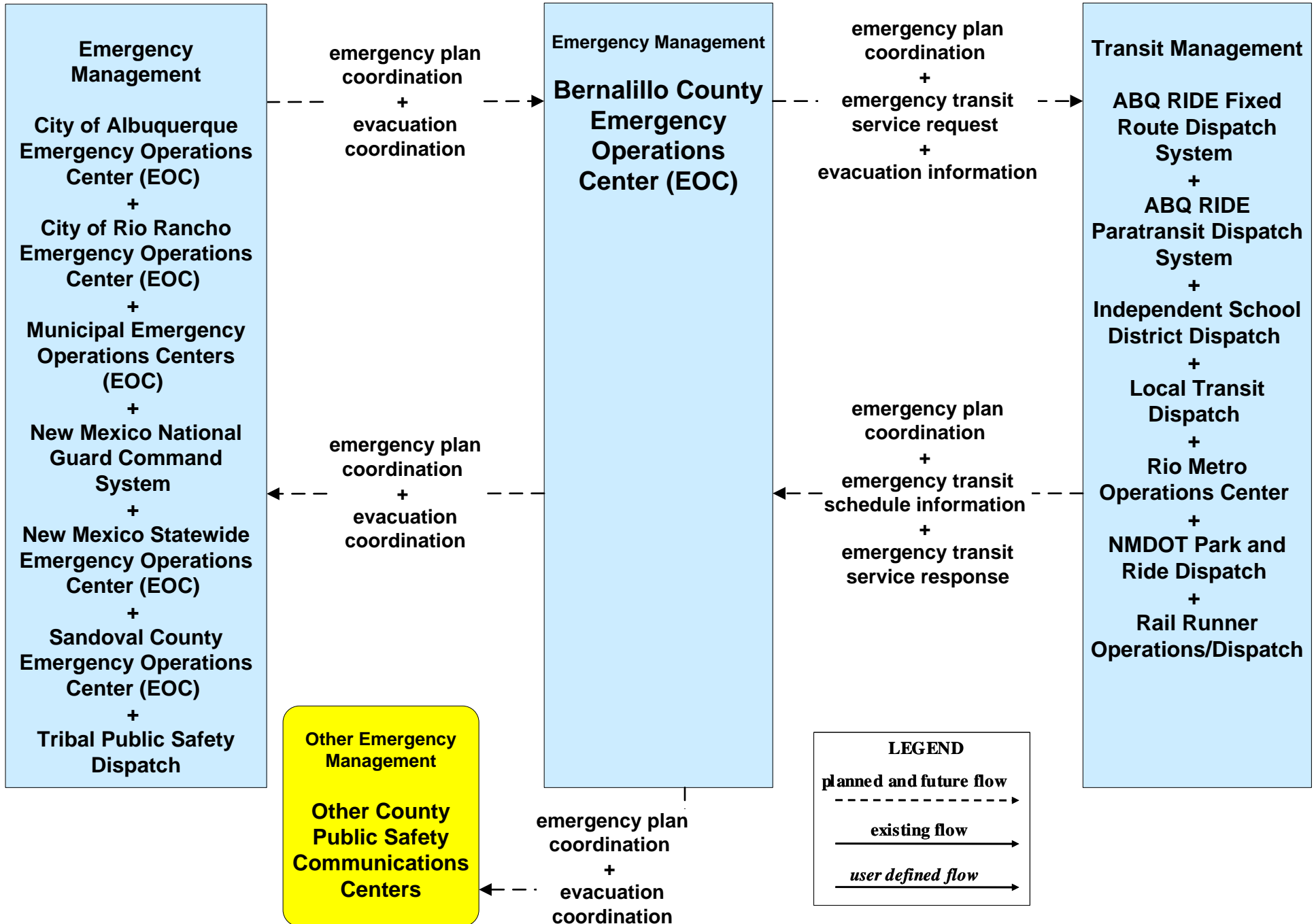
**EM09 - Evacuation and Reentry Management
Municipal EOC (2 of 2)**



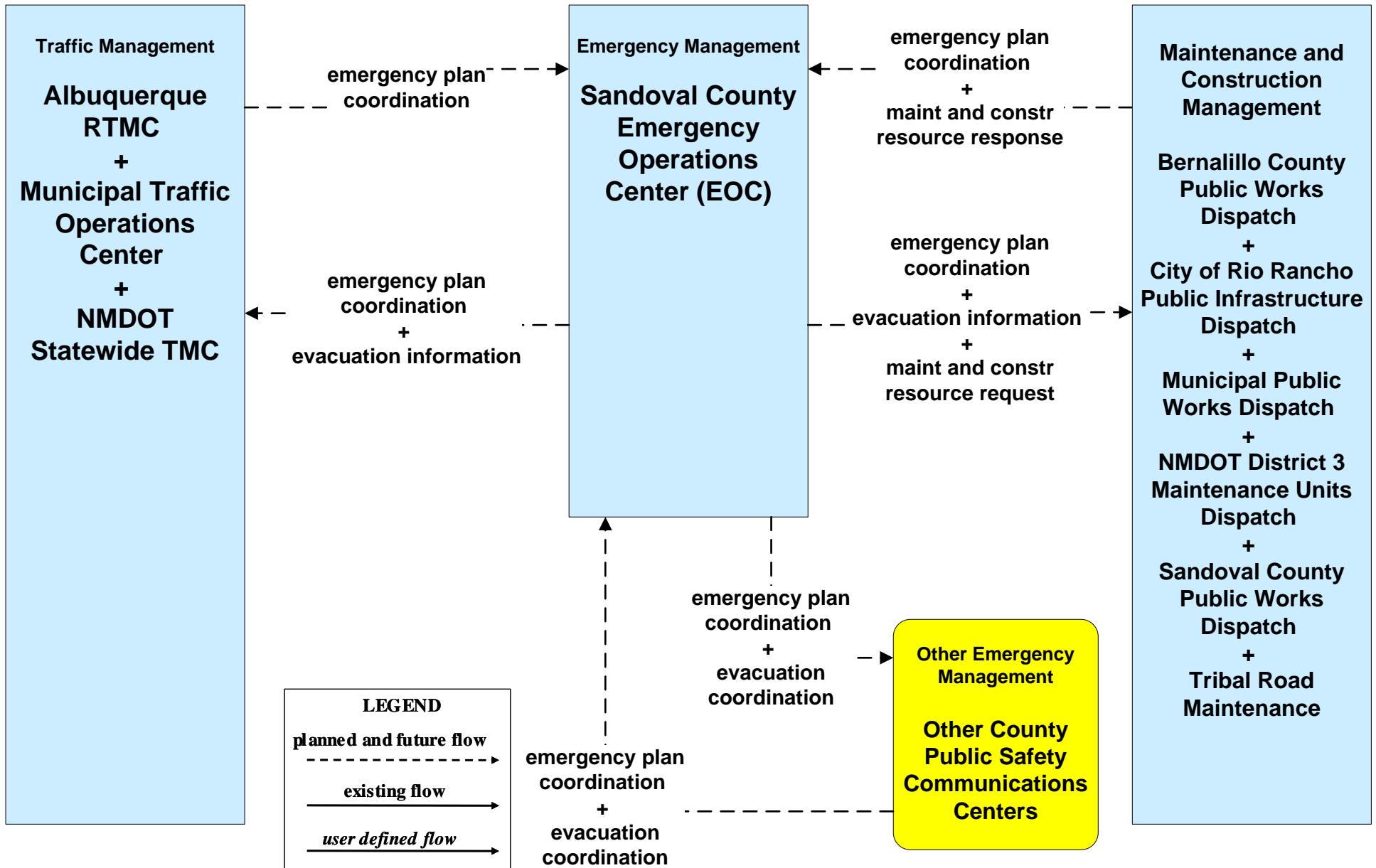
EM09 - Evacuation and Reentry Management Bernalillo County EOC (1 of 2)



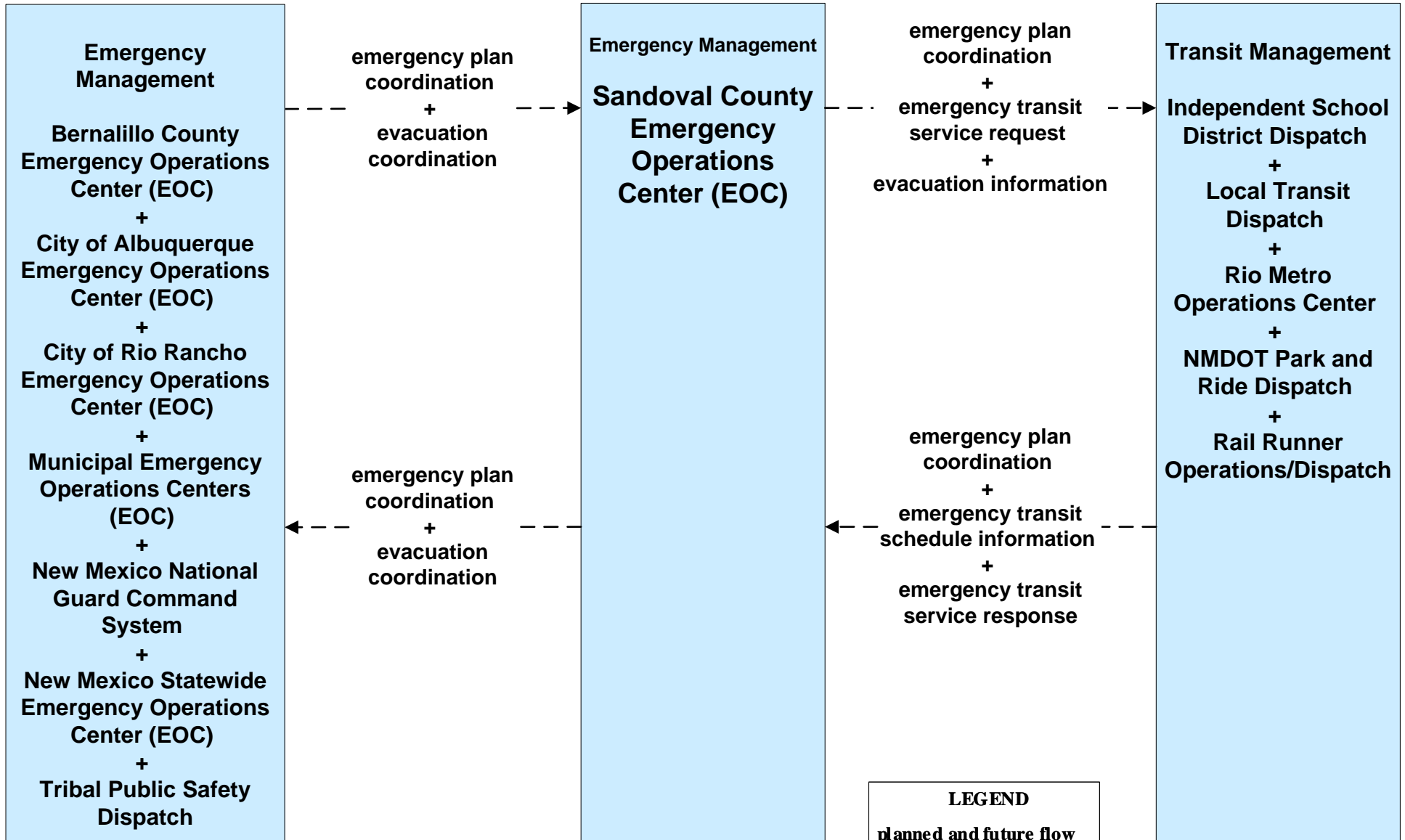
EM09 - Evacuation and Reentry Management Bernalillo County EOC (2 of 2)



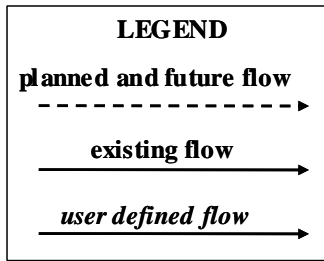
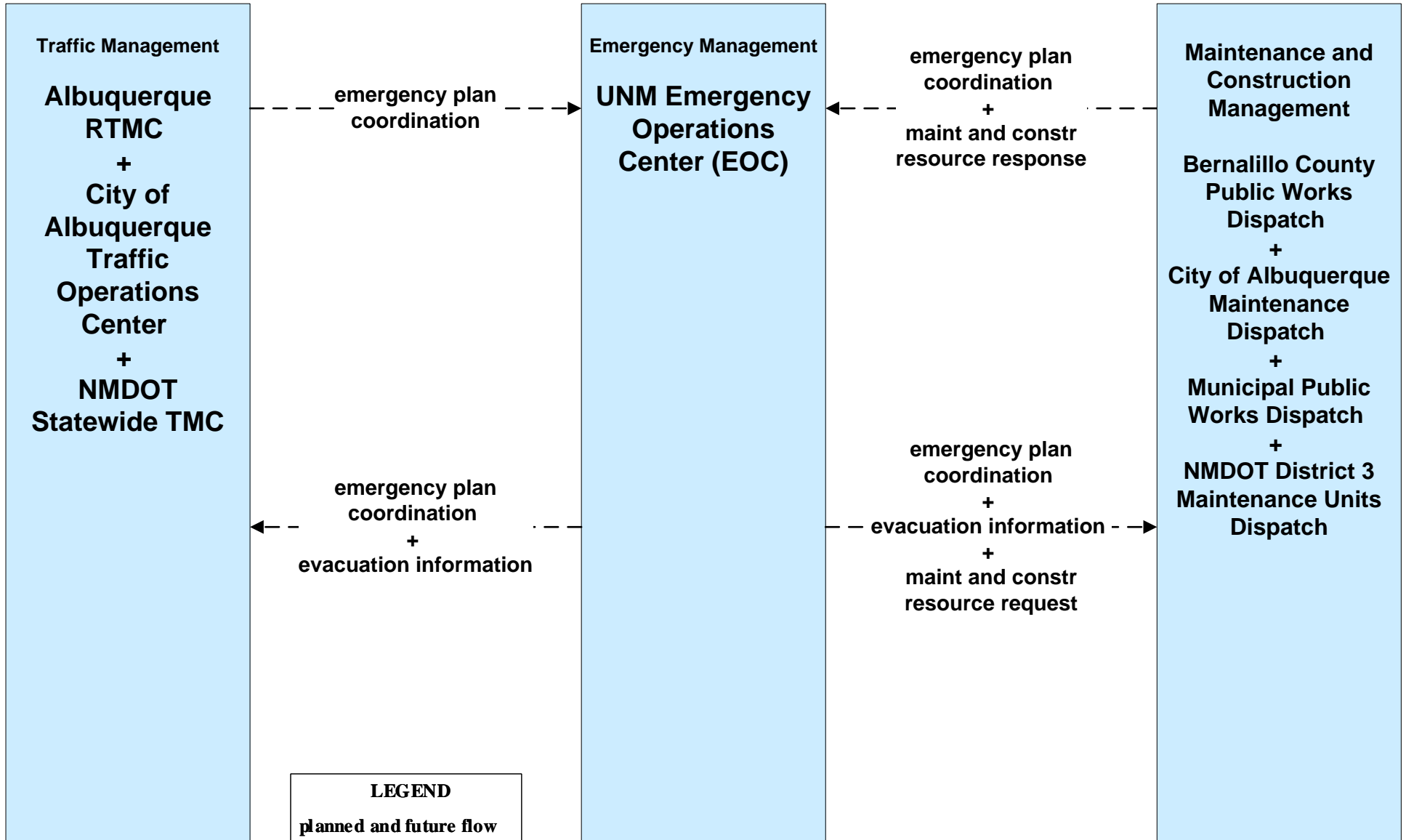
EM09 - Evacuation and Reentry Management Sandoval County EOC (1 of 2)



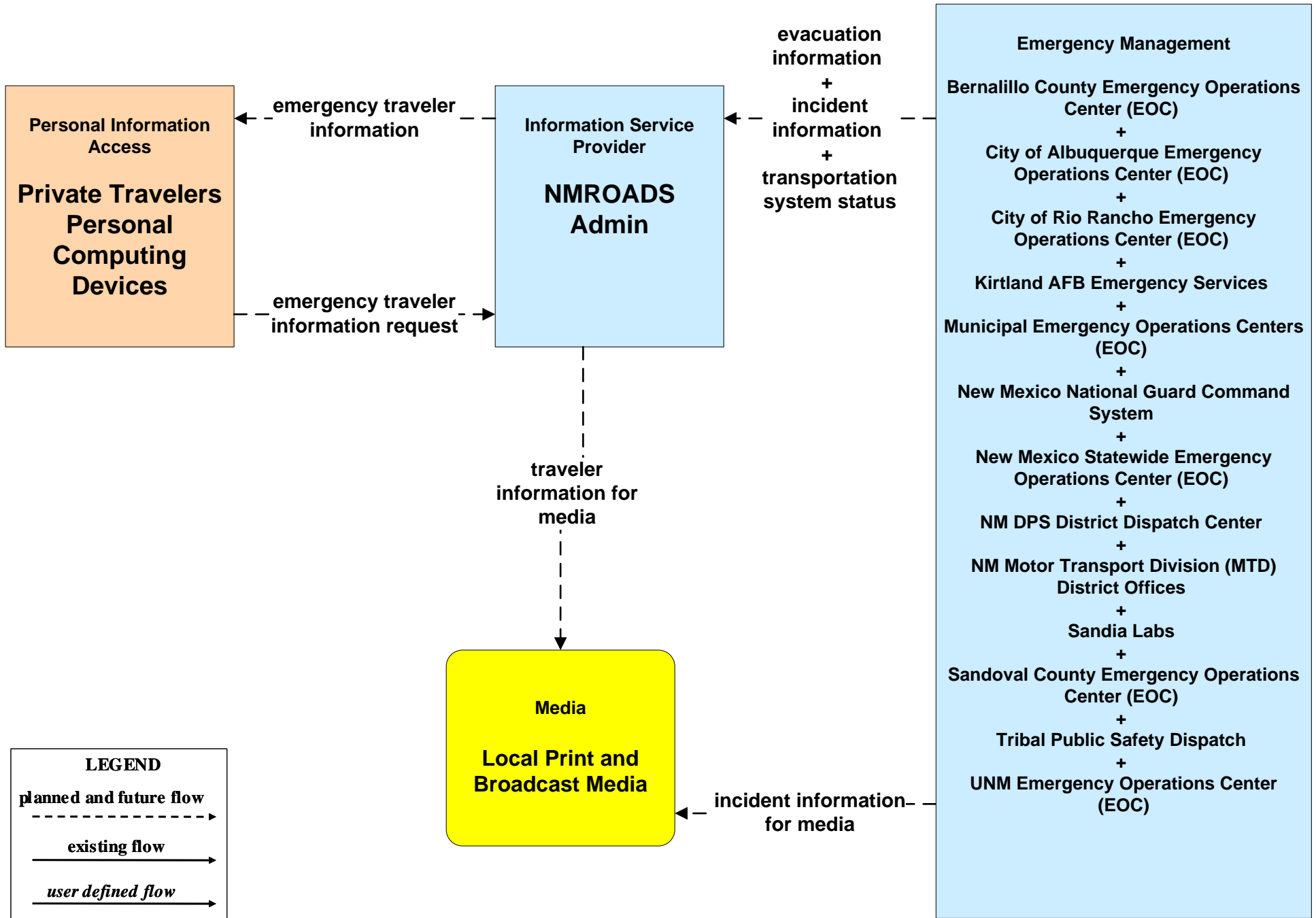
**EM09 - Evacuation and Reentry Management
Sandoval County EOC (2 of 2)**



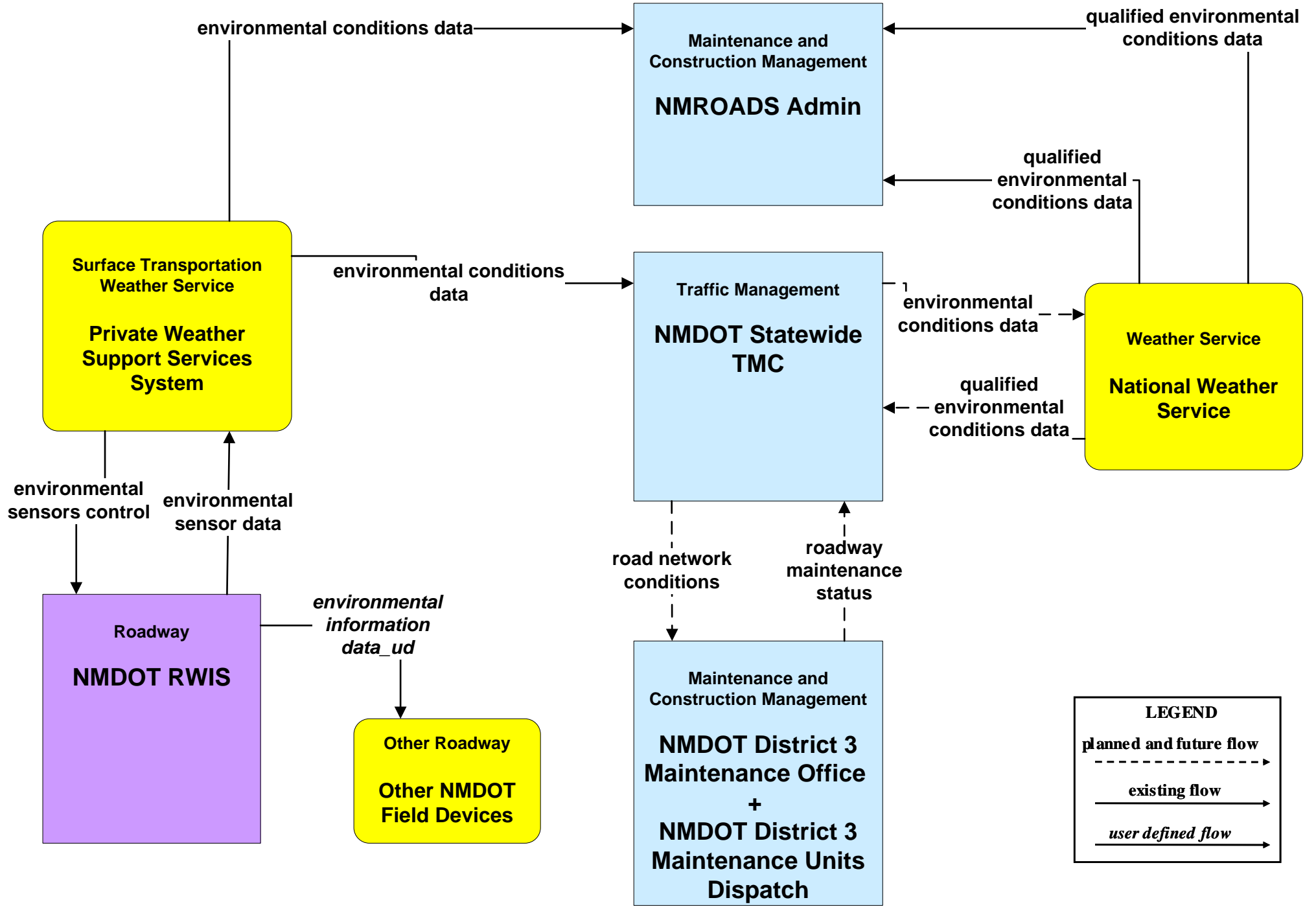
**EM09 - Evacuation and Reentry Management
UNM EOC (1 of 2)**



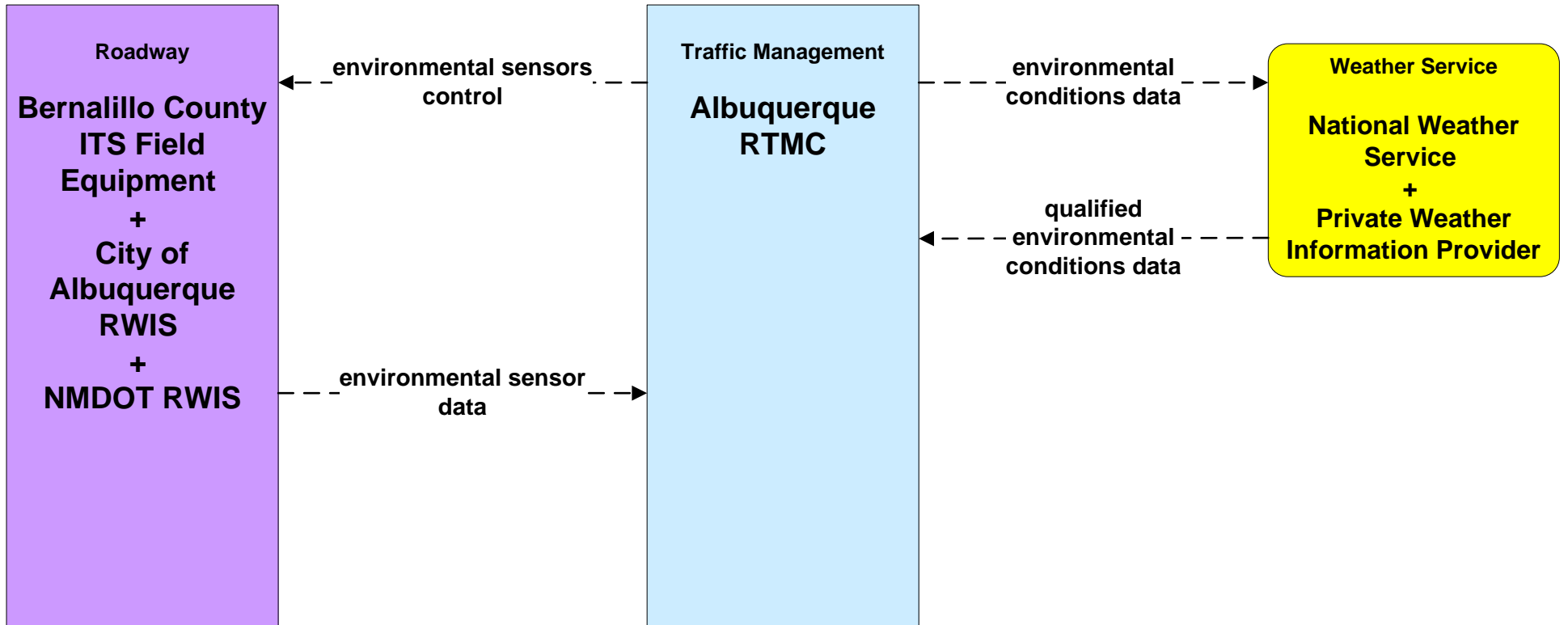
EM10 - Disaster Traveler Information NMROADS Admin



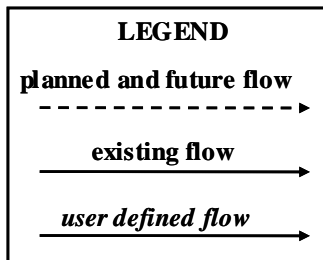
MC03 - Road Weather Data Collection NMDOT



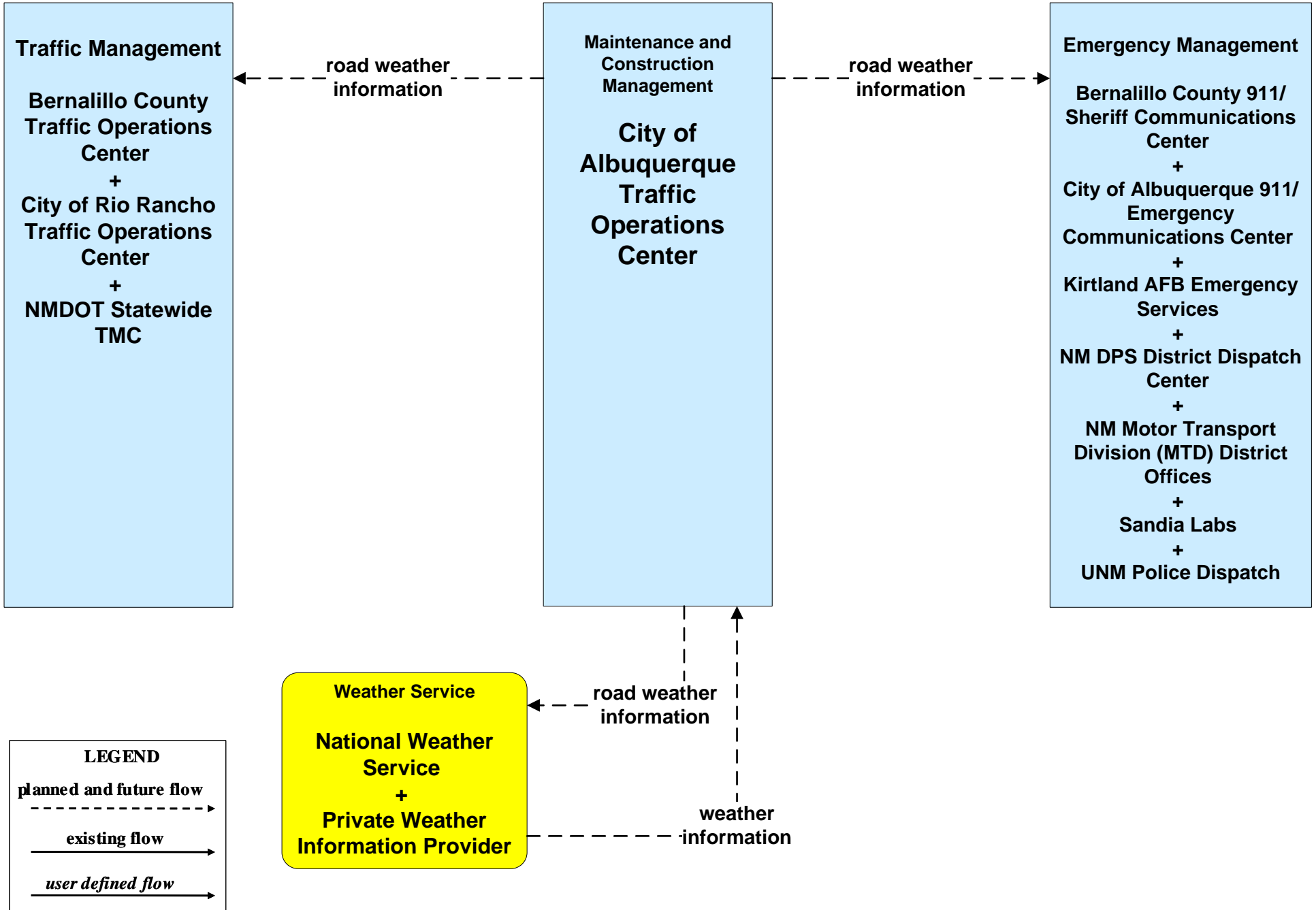
MC03 - Road Weather Data Collection Regional TMC



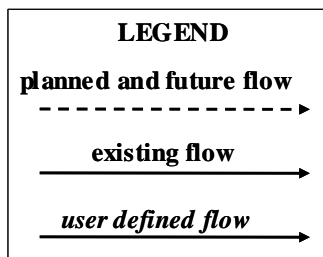
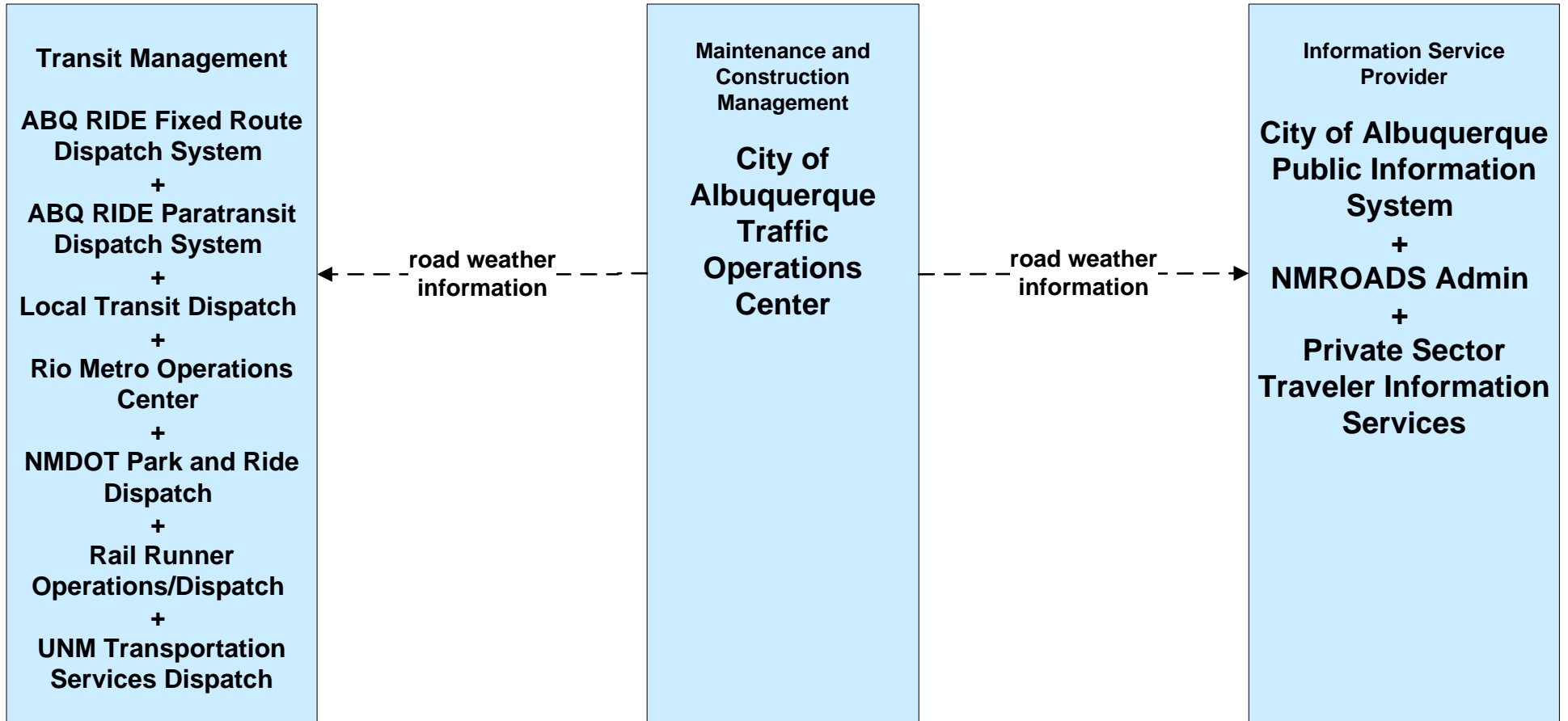
Any RWIS directly into the RTMC?



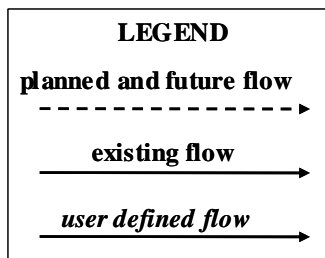
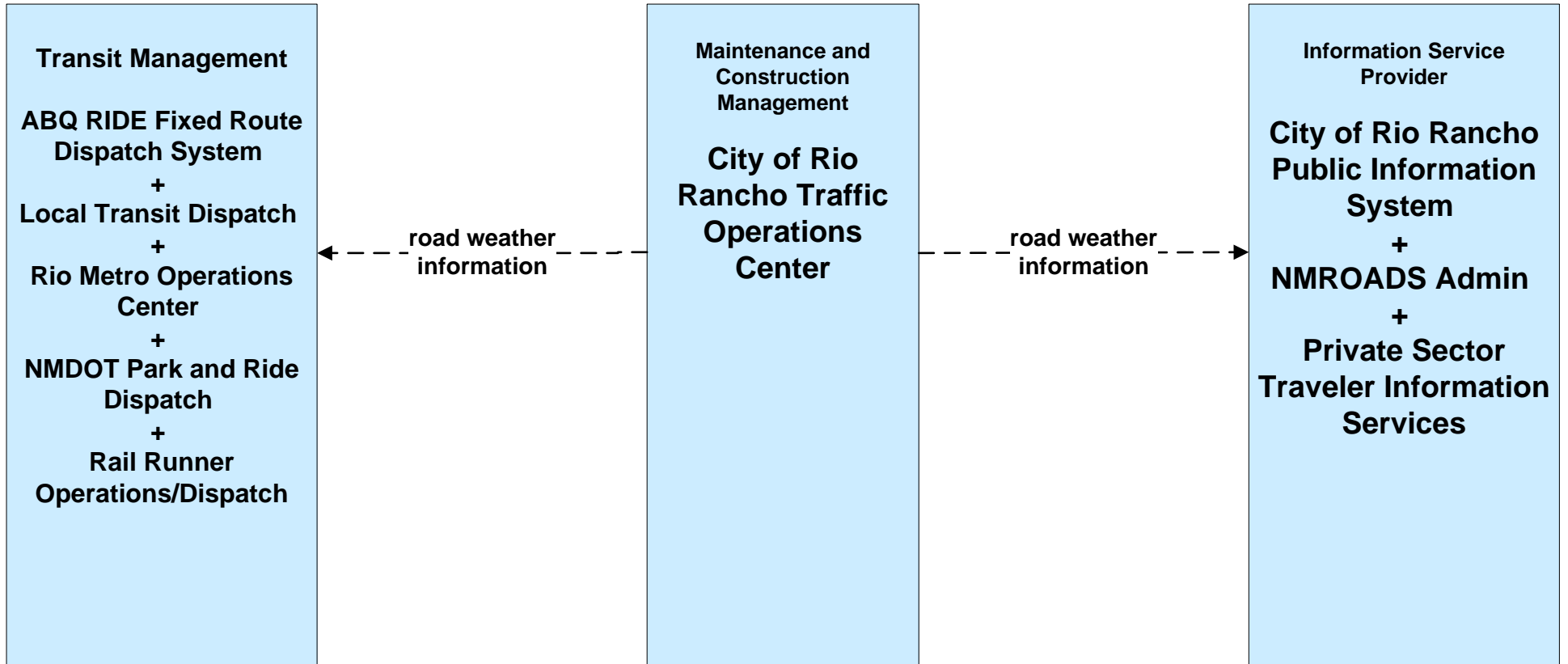
MC04 - Weather Information Processing and Distribution
City of Albuquerque (1 of 2)



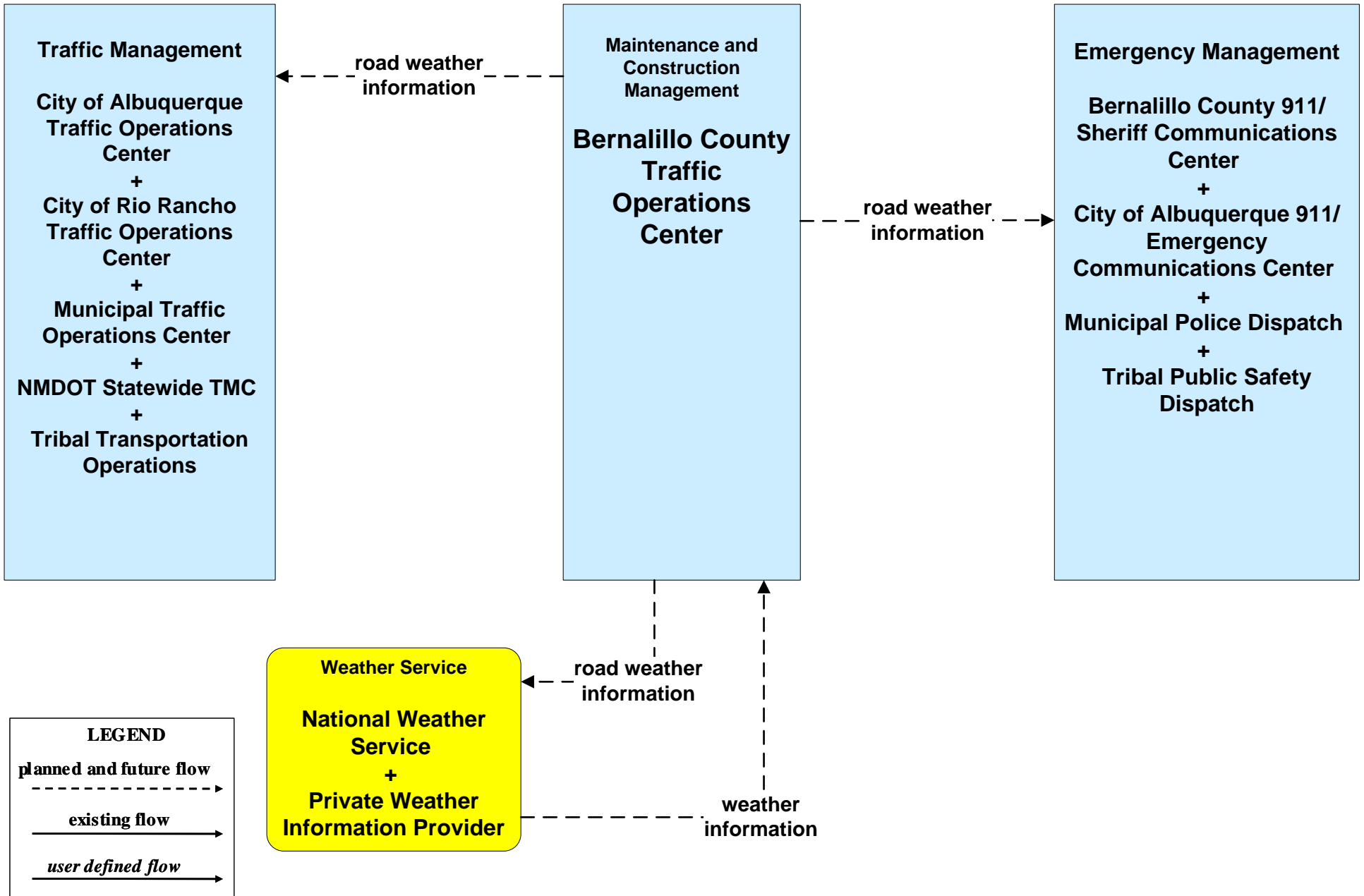
**MC04 - Weather Information Processing and Distribution
City of Albuquerque (2 of 2)**



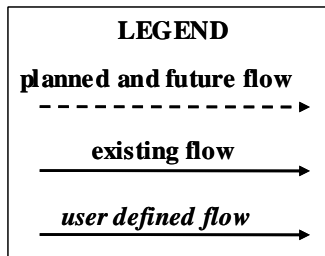
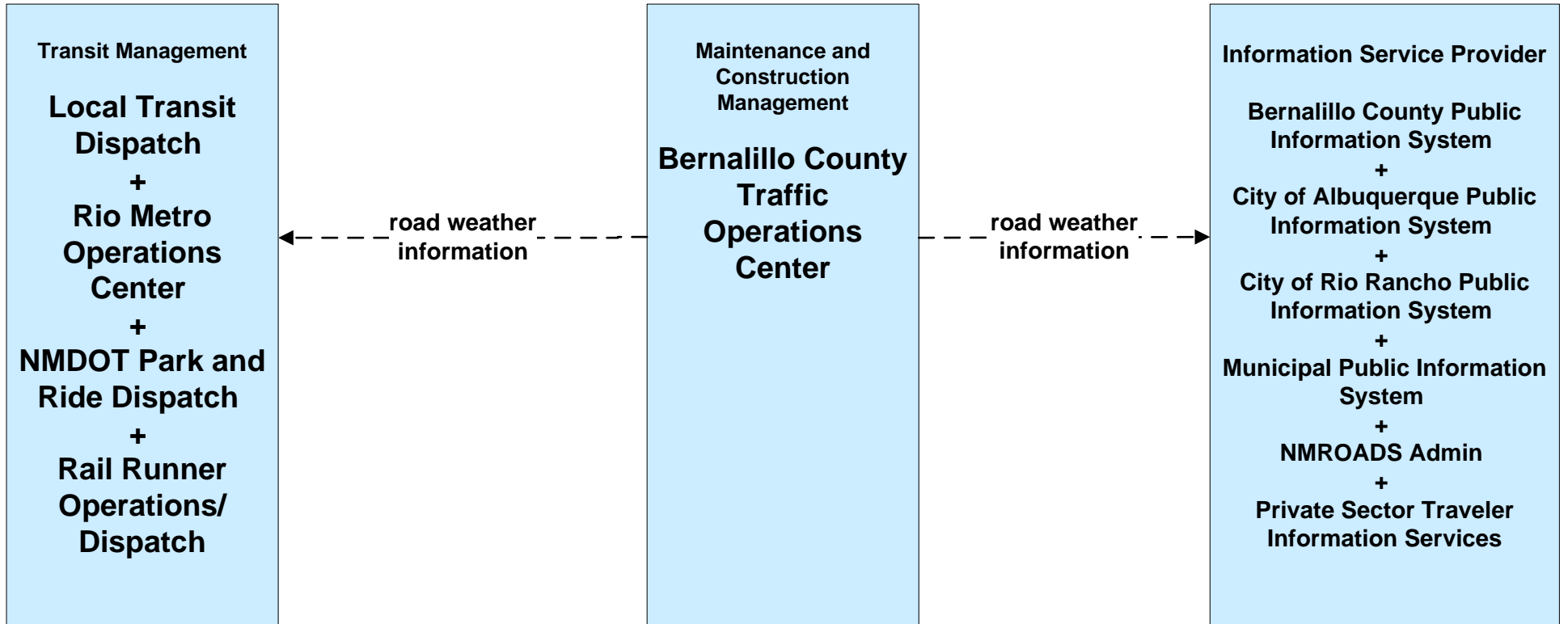
**MC04 - Weather Information Processing and Distribution
City of Rio Rancho (2 of 2)**



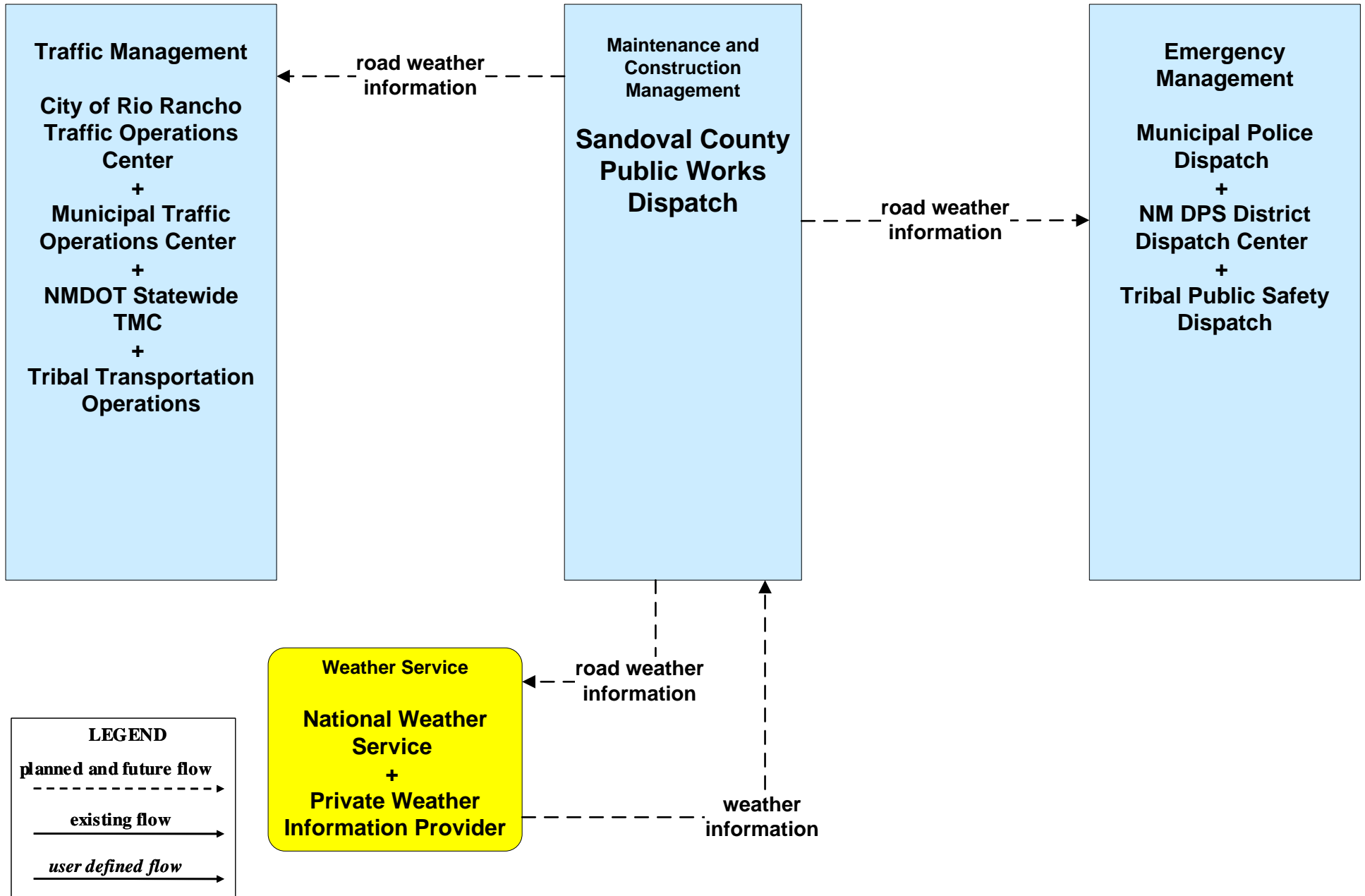
**MC04 - Weather Information Processing and Distribution
Bernalillo County (1 of 2)**



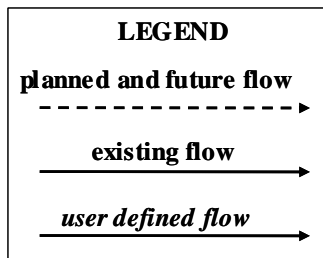
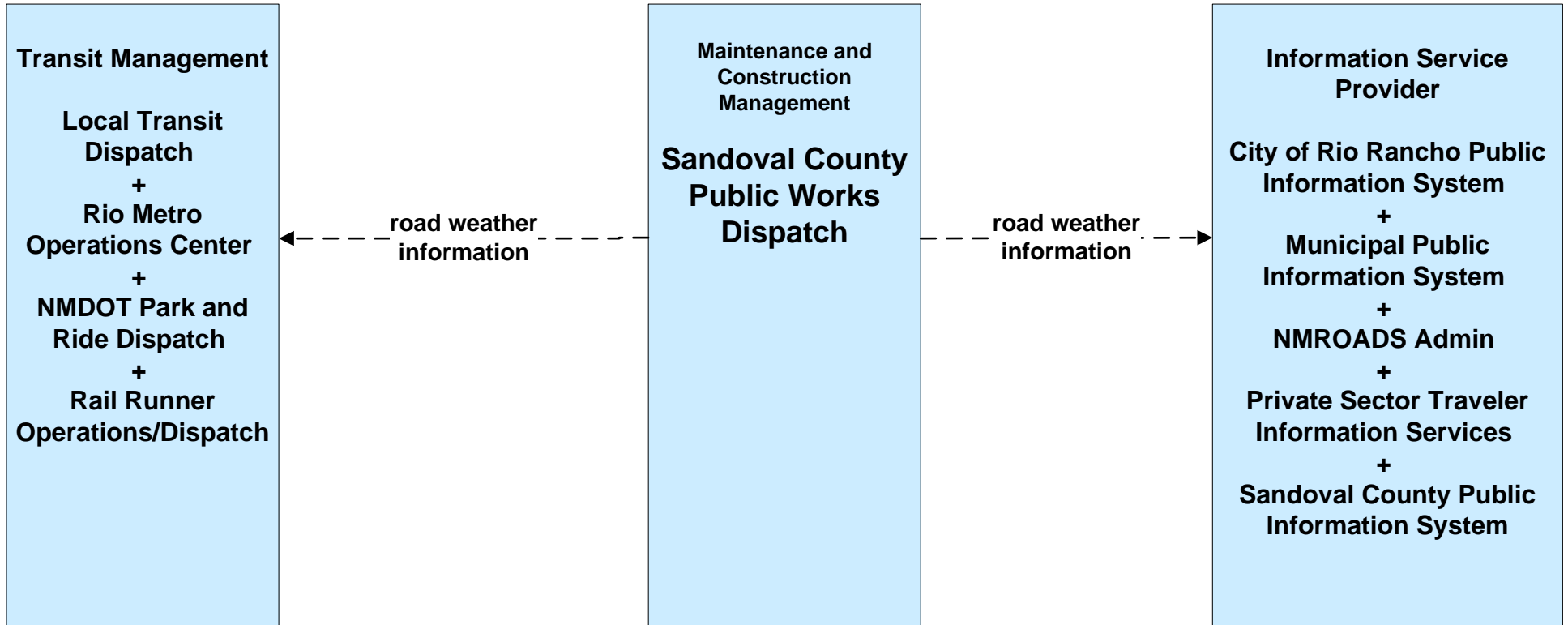
**MC04 - Weather Information Processing and Distribution
Bernalillo County (2 of 2)**



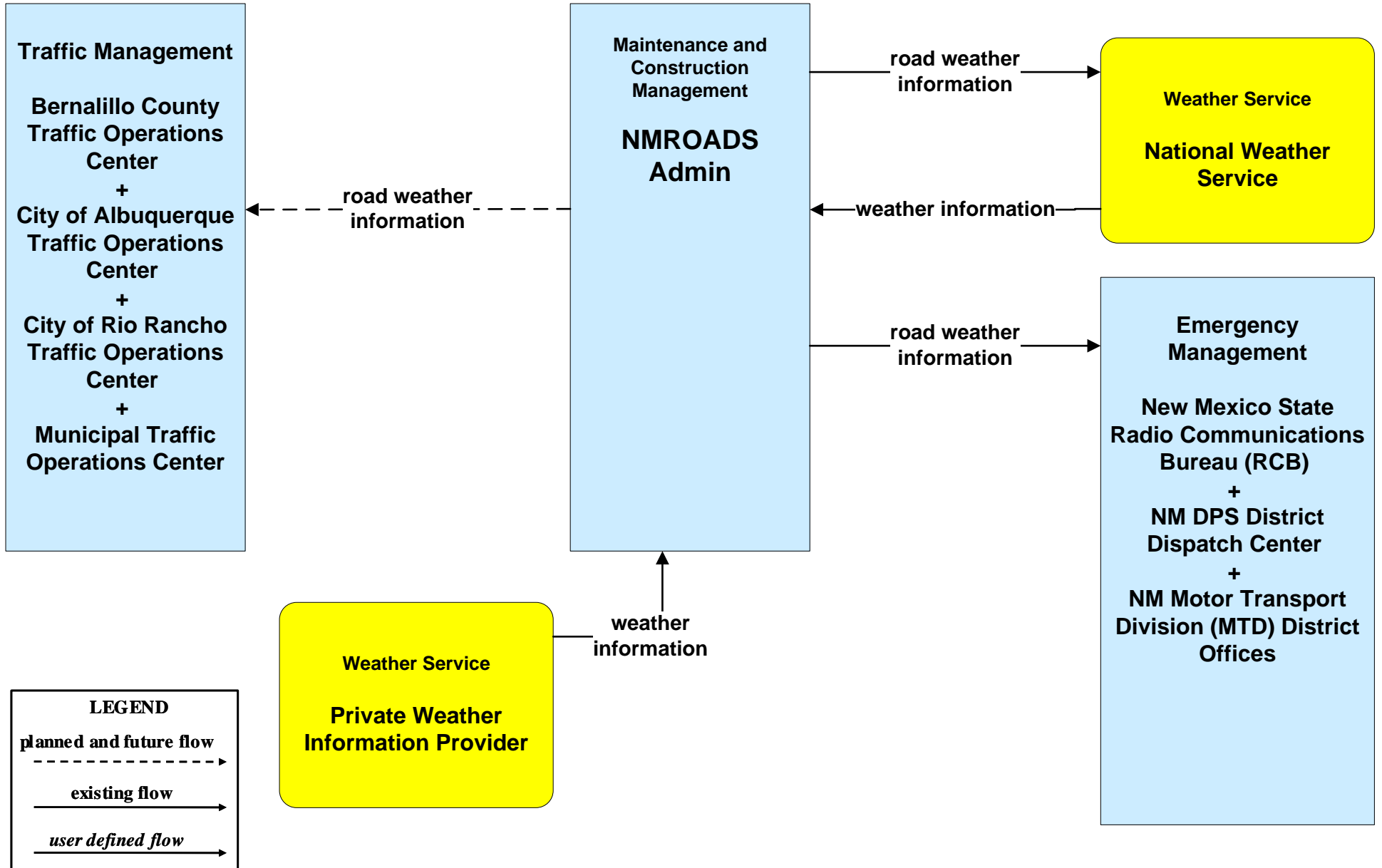
**MC04 - Weather Information Processing and Distribution
Sandoval County (1 of 2)**



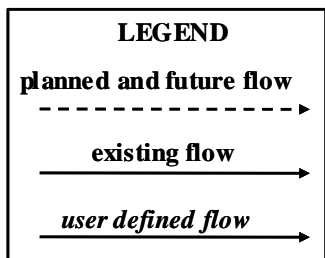
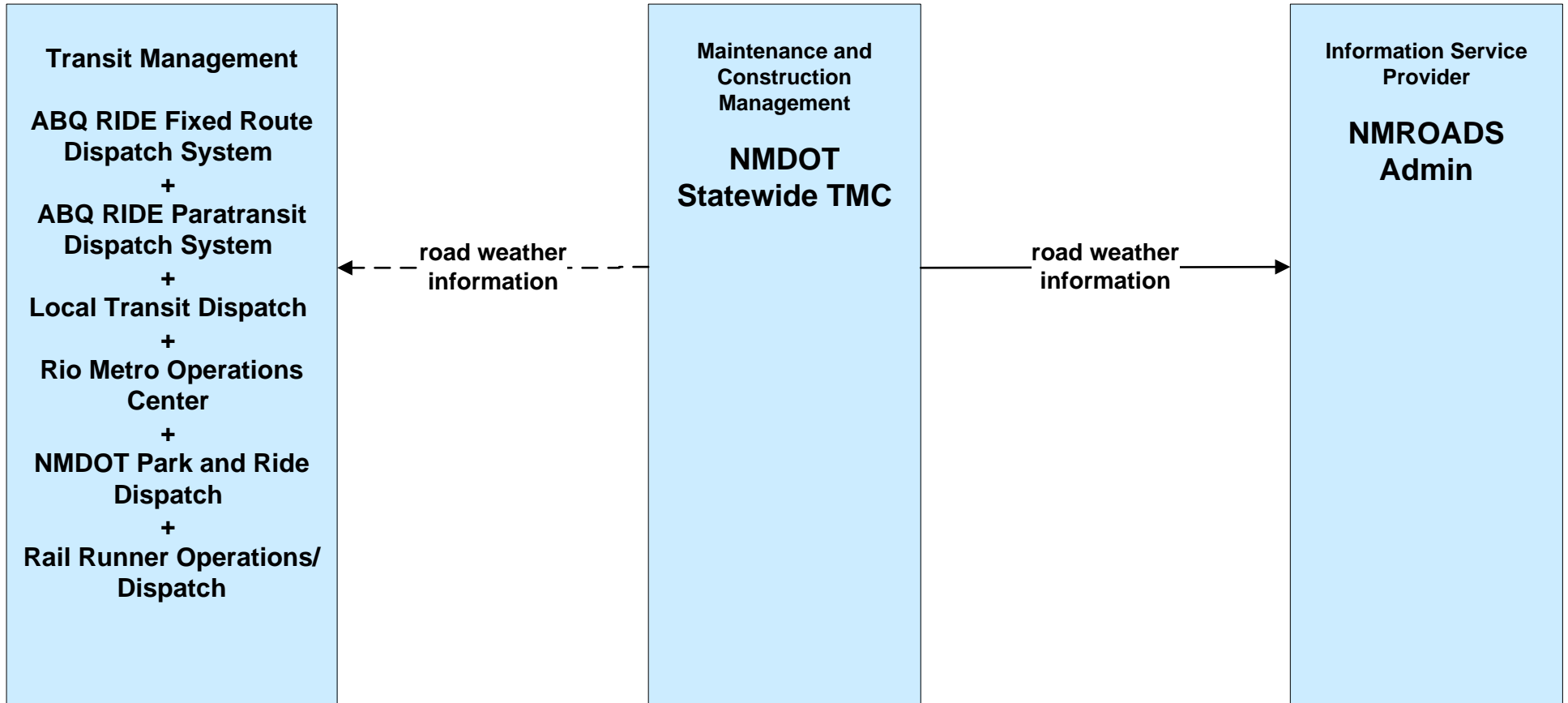
**MC04 - Weather Information Processing and Distribution
Sandoval County (2 of 2)**



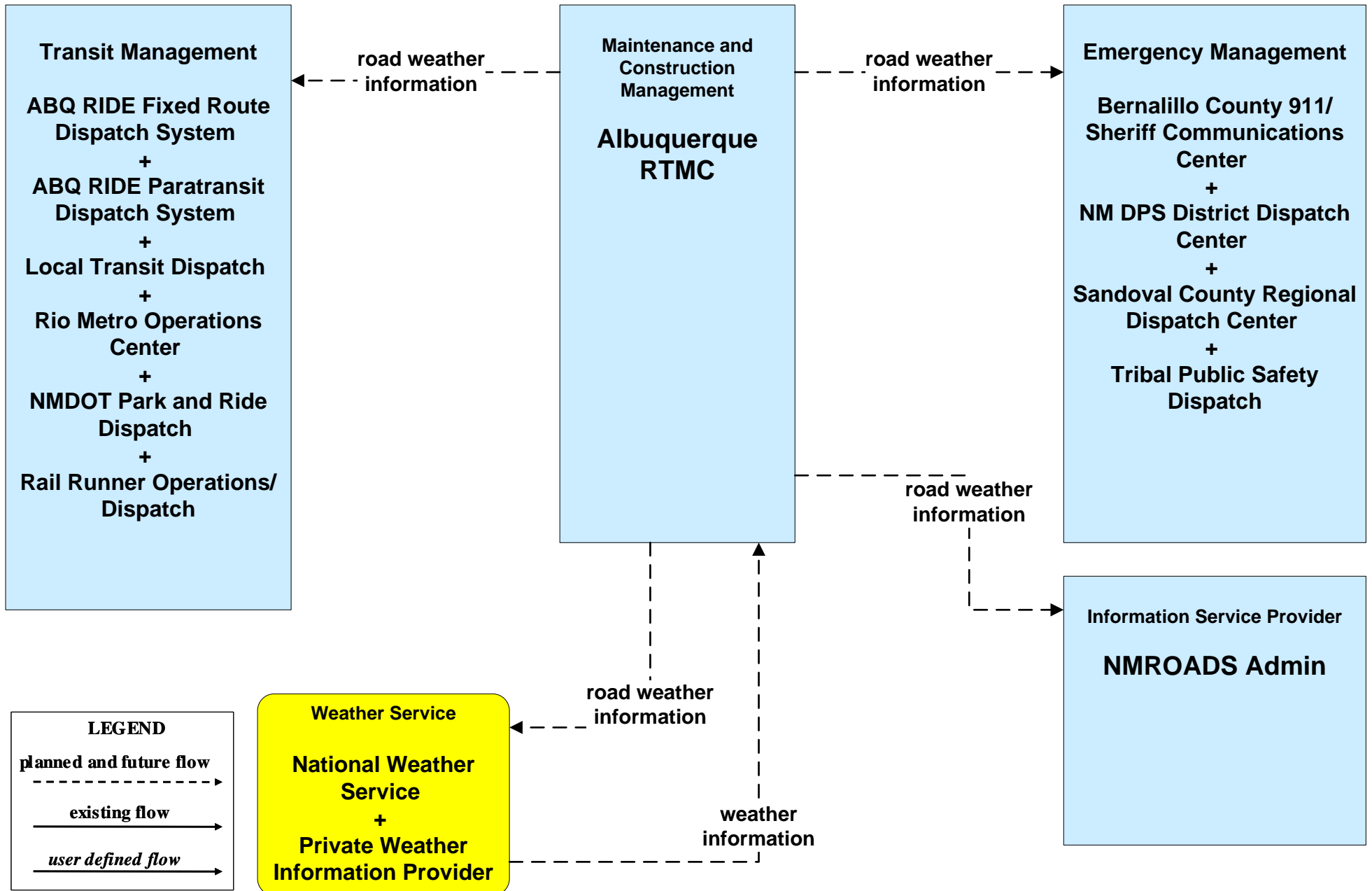
**MC04 - Weather Information Processing and Distribution
NMDOT (1 of 2)**



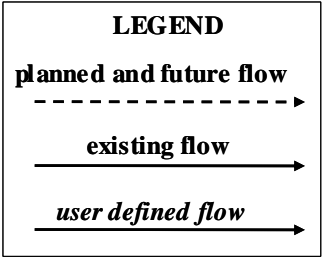
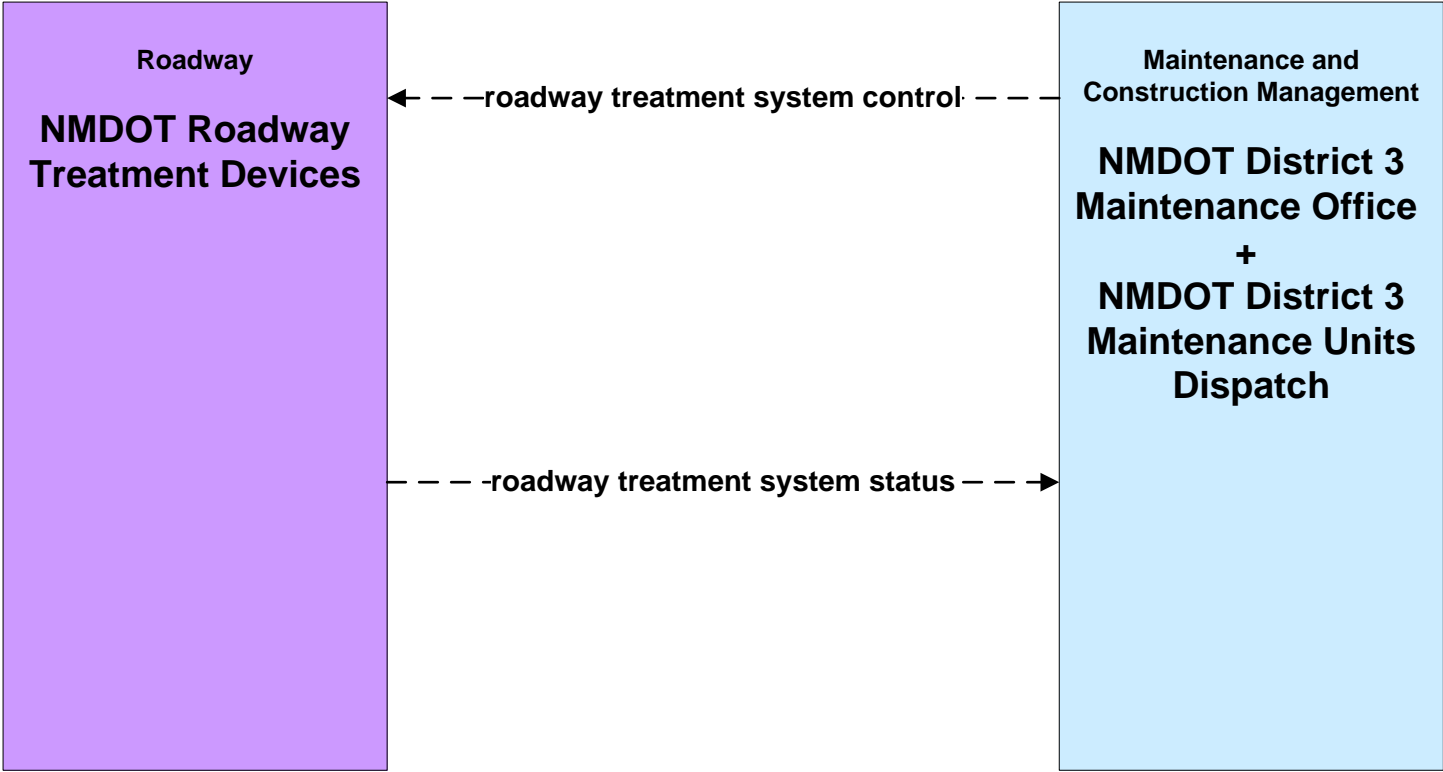
**MC04 - Weather Information Processing and Distribution
NMDOT (2 of 2)**



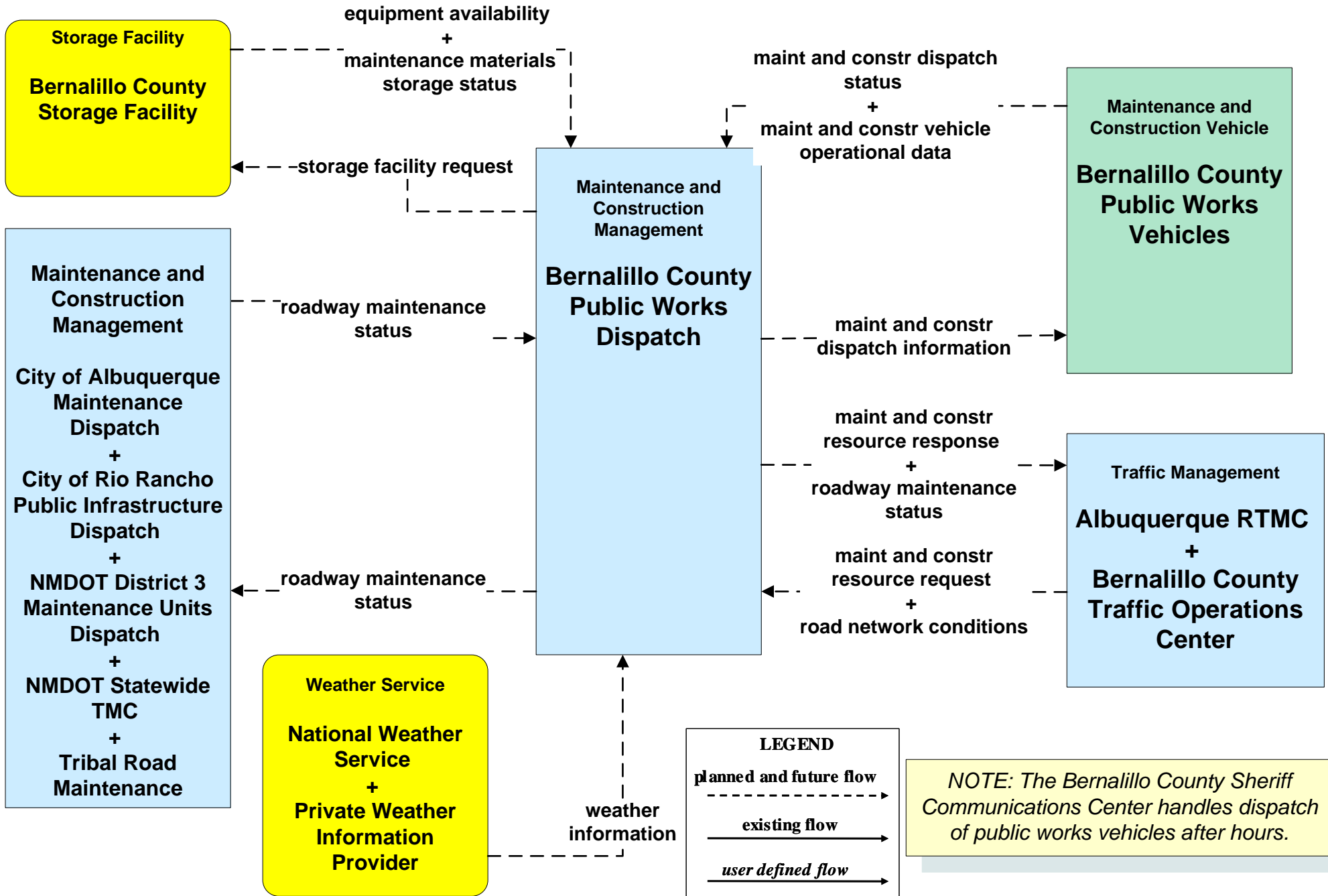
MC04 - Weather Information Processing and Distribution Regional TMC



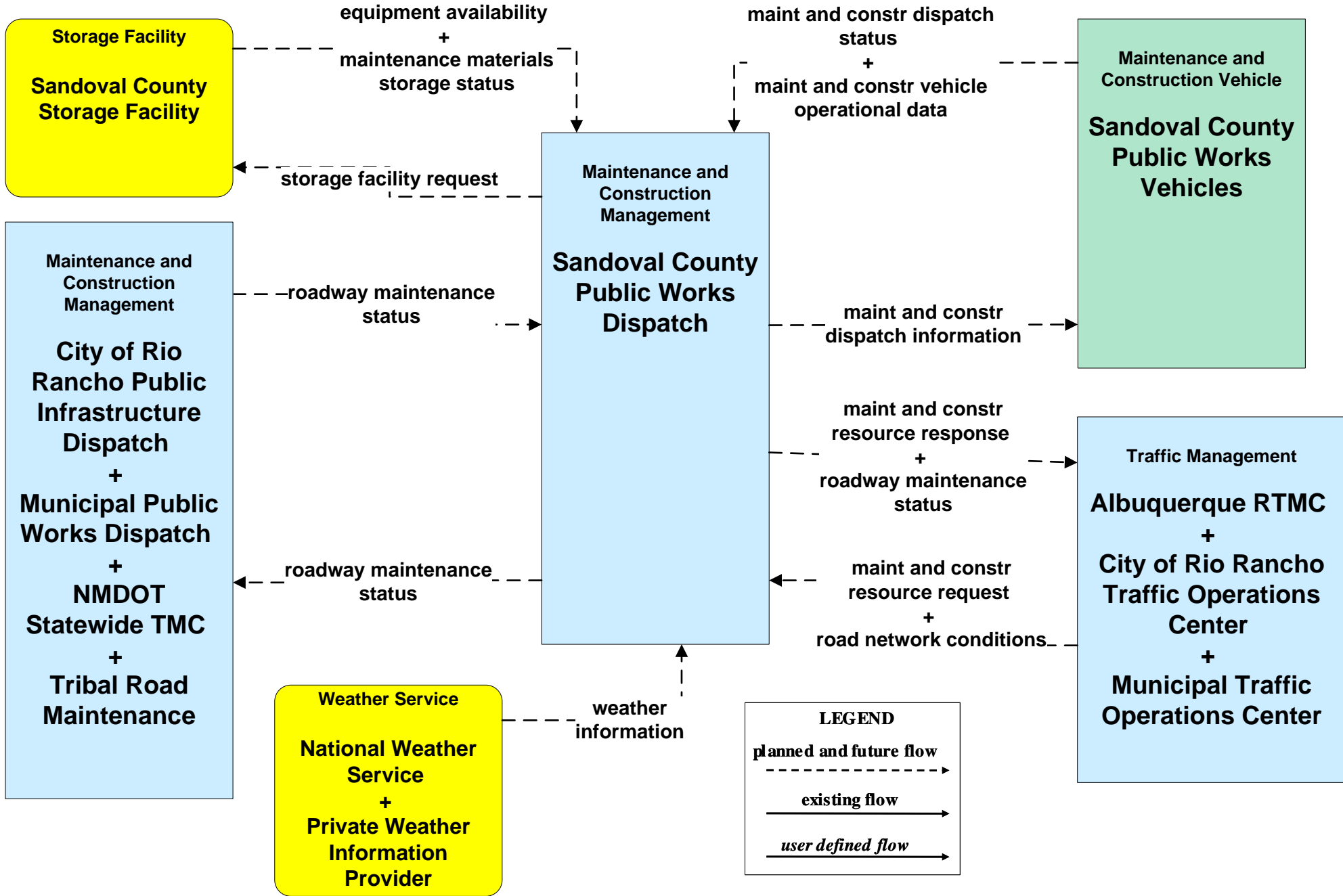
**MC05 - Roadway Automated Treatment
NMDOT**



MC06 - Winter Maintenance Bernalillo County



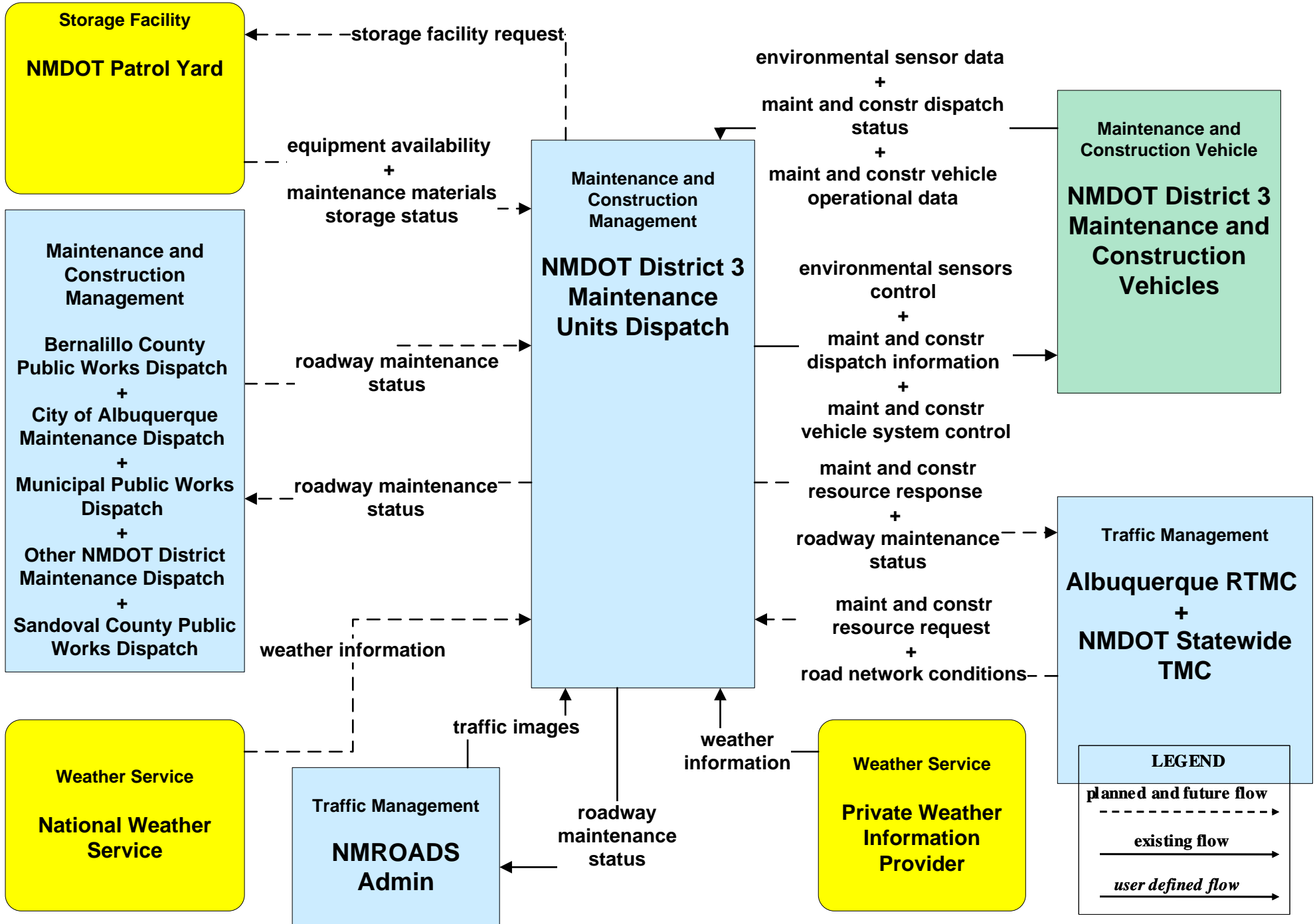
MC06 - Winter Maintenance Sandoval County



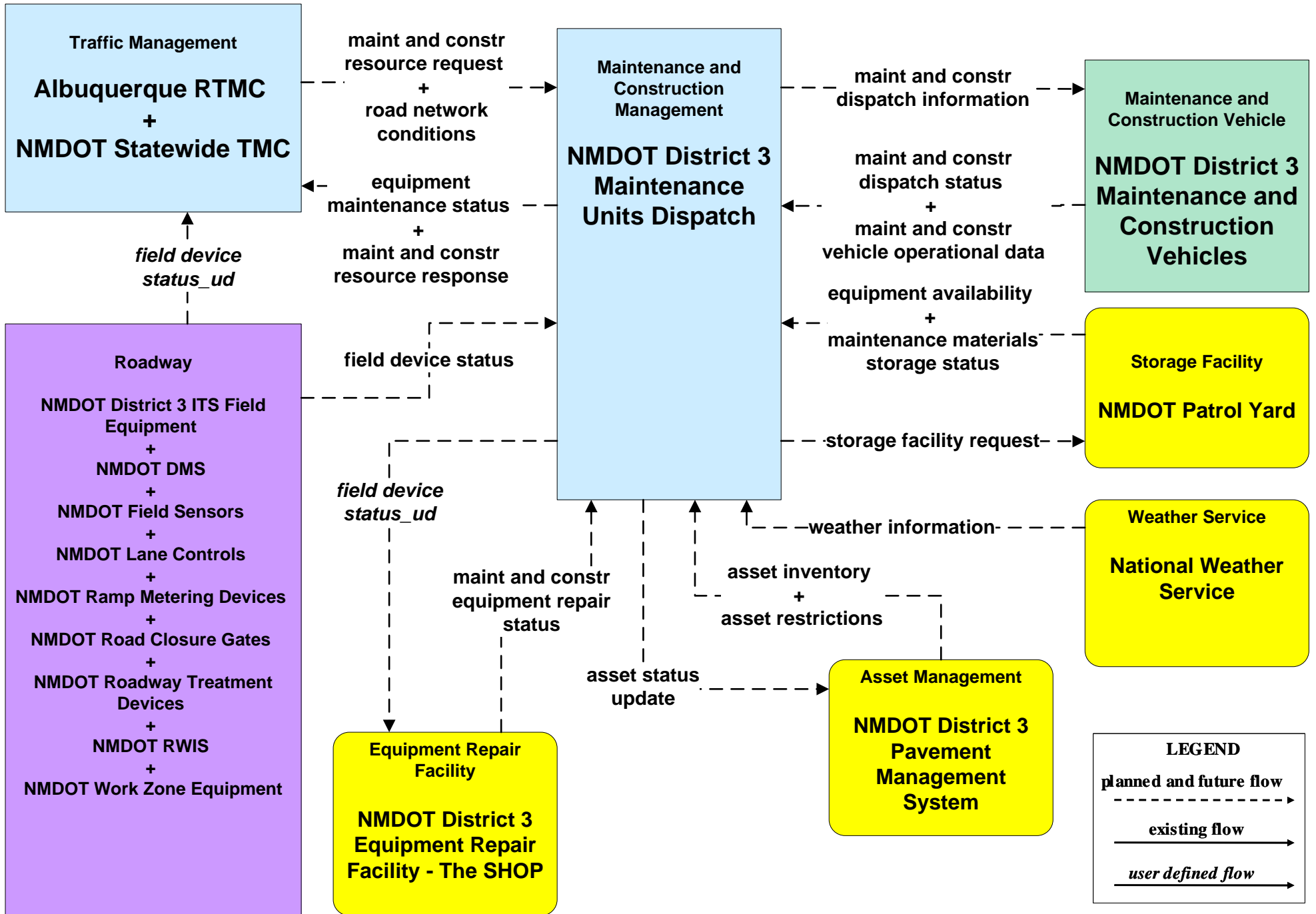
LEGEND

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

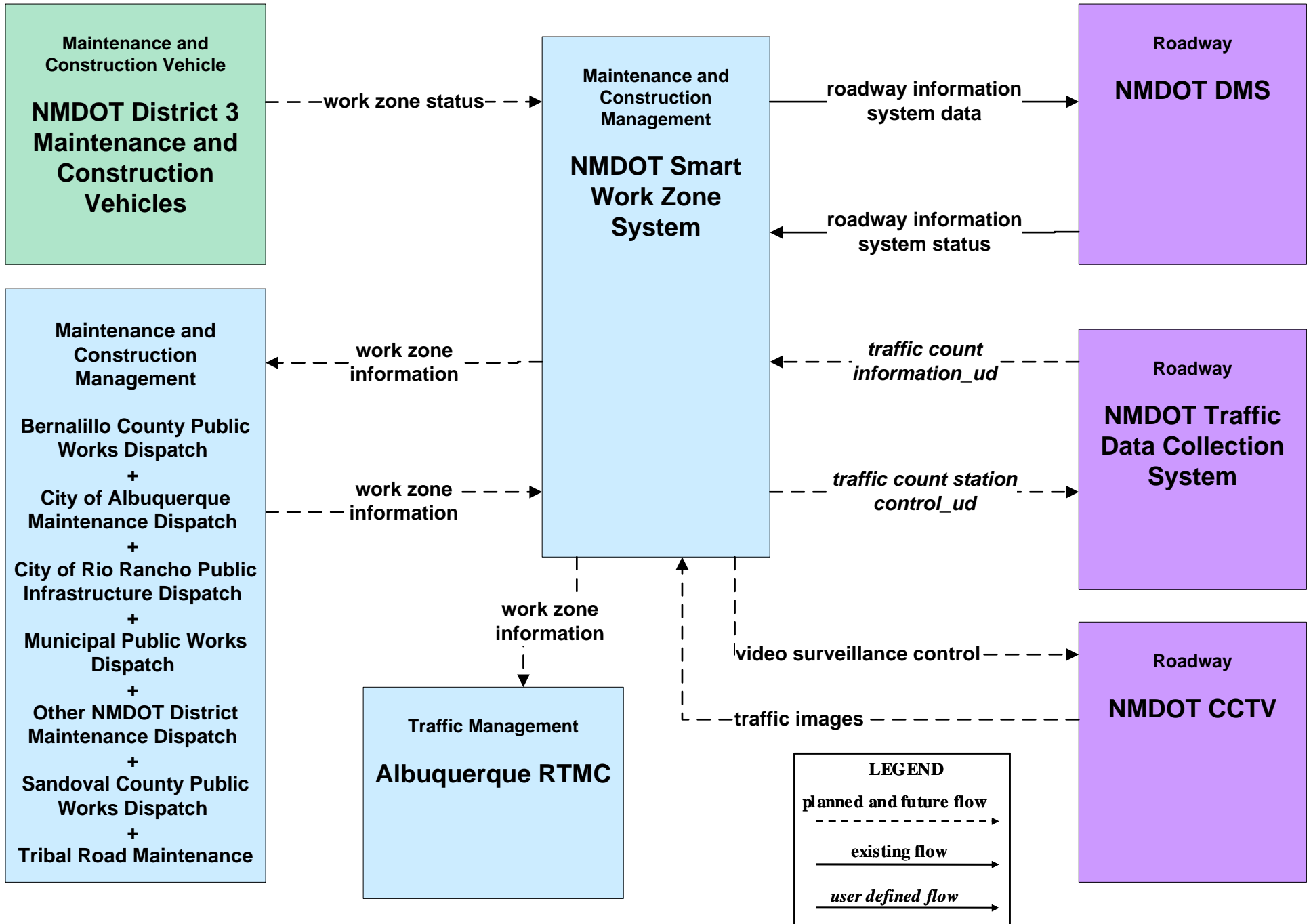
MC06 - Winter Maintenance NMDOT



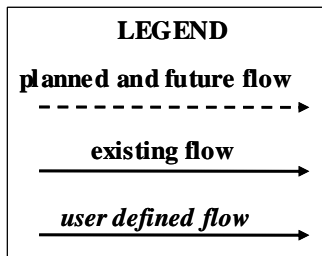
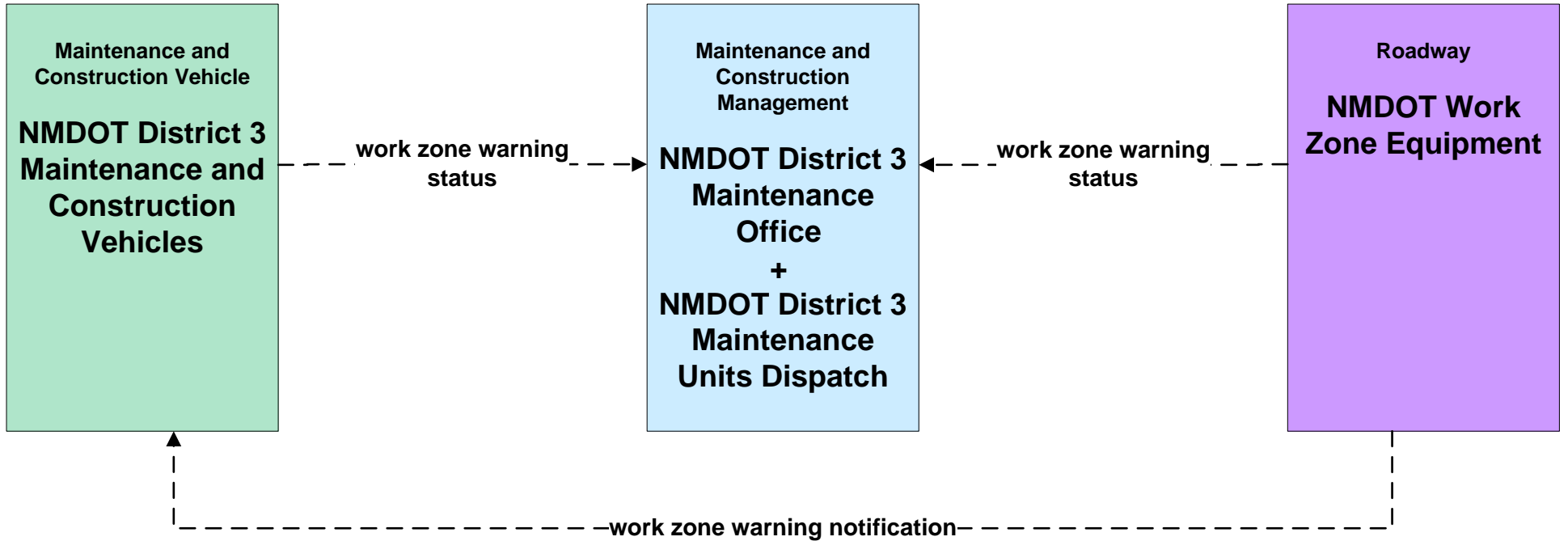
MC07 - Roadway Maintenance and Construction NMDOT



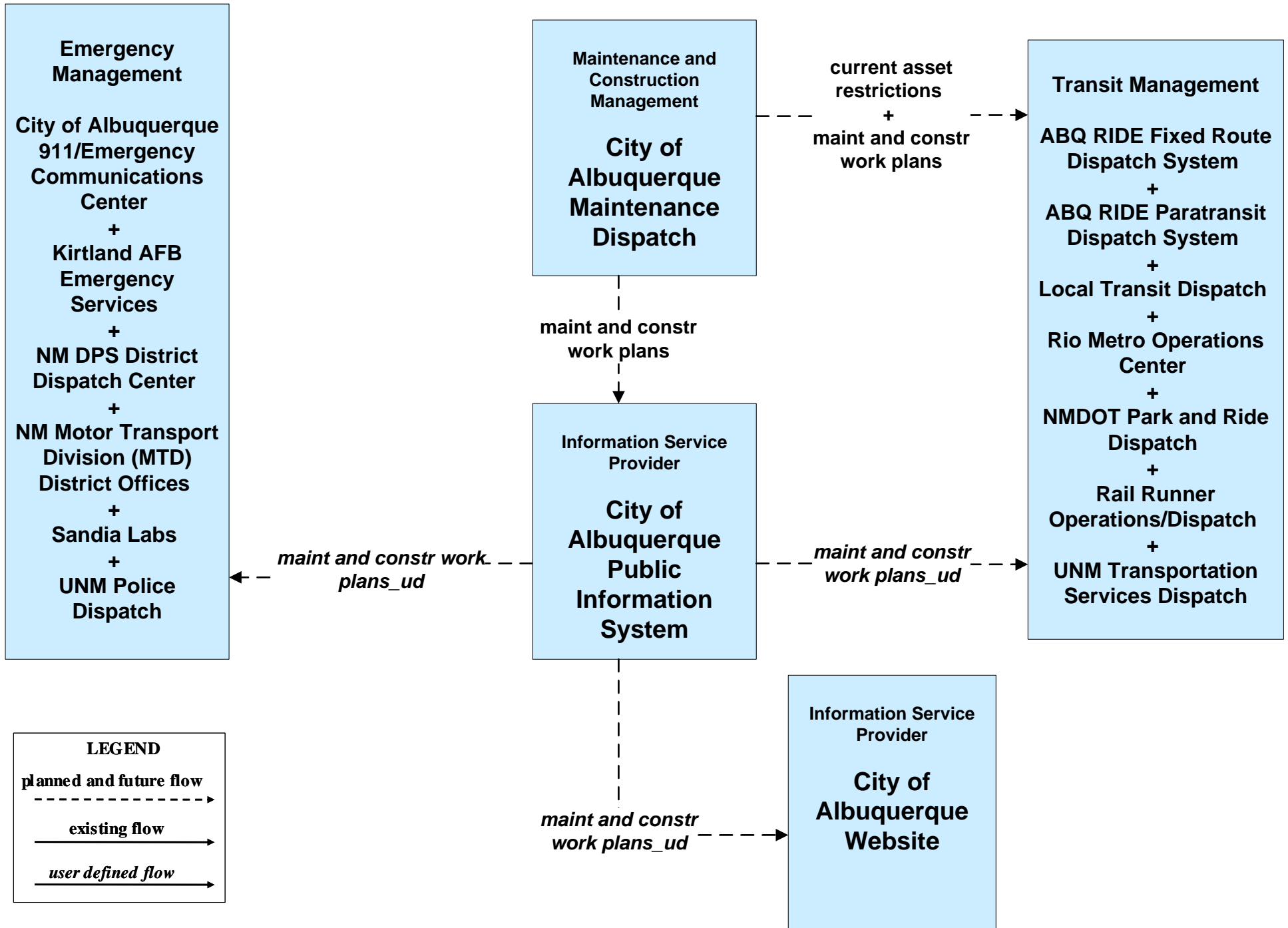
MC08 - Work Zone Management NMDOT



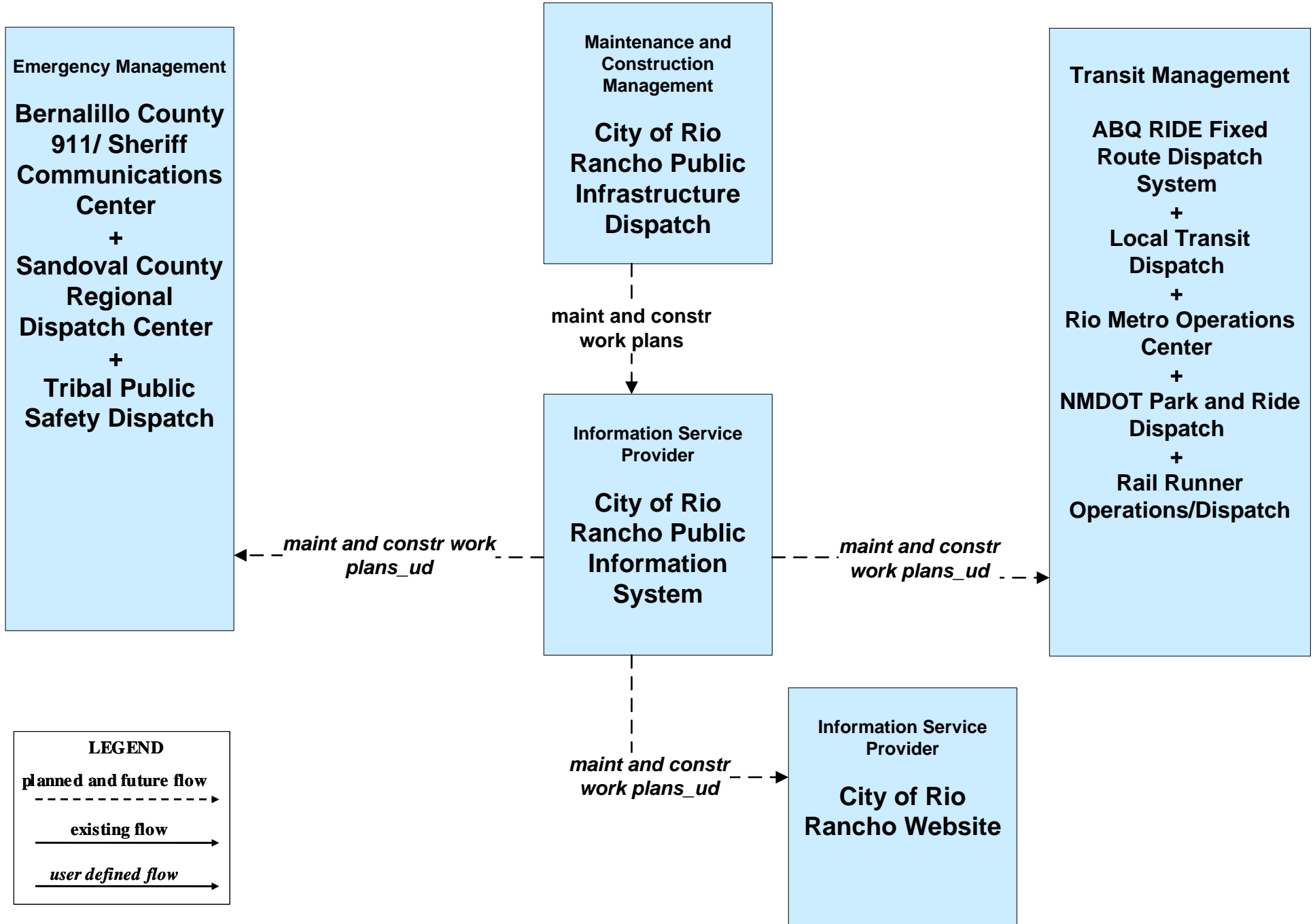
**MC09 - Work Zone Safety Monitoring
NMDOT**



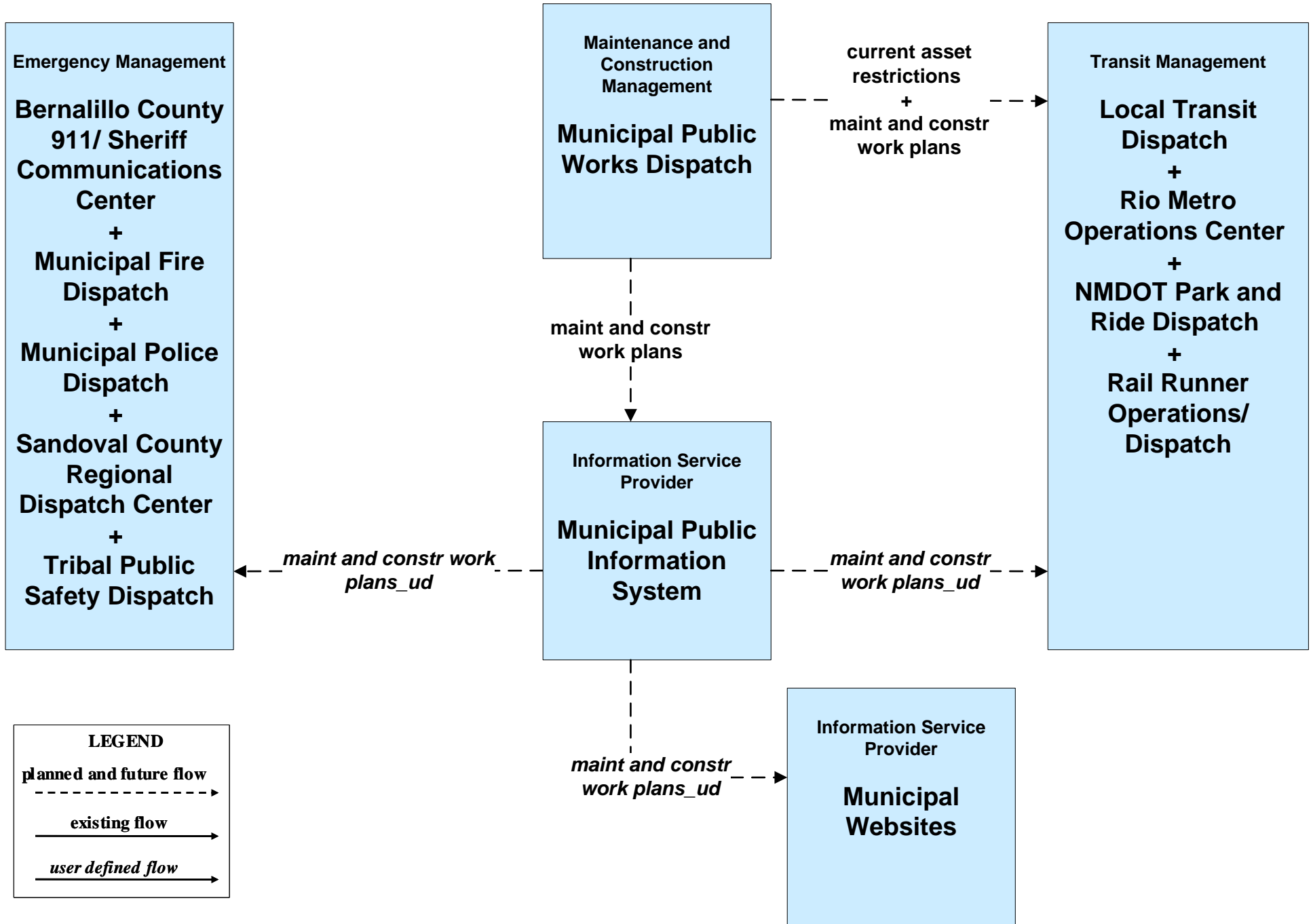
MC10 - Maintenance and Construction Activity Coordination City of Albuquerque (2 of 2)



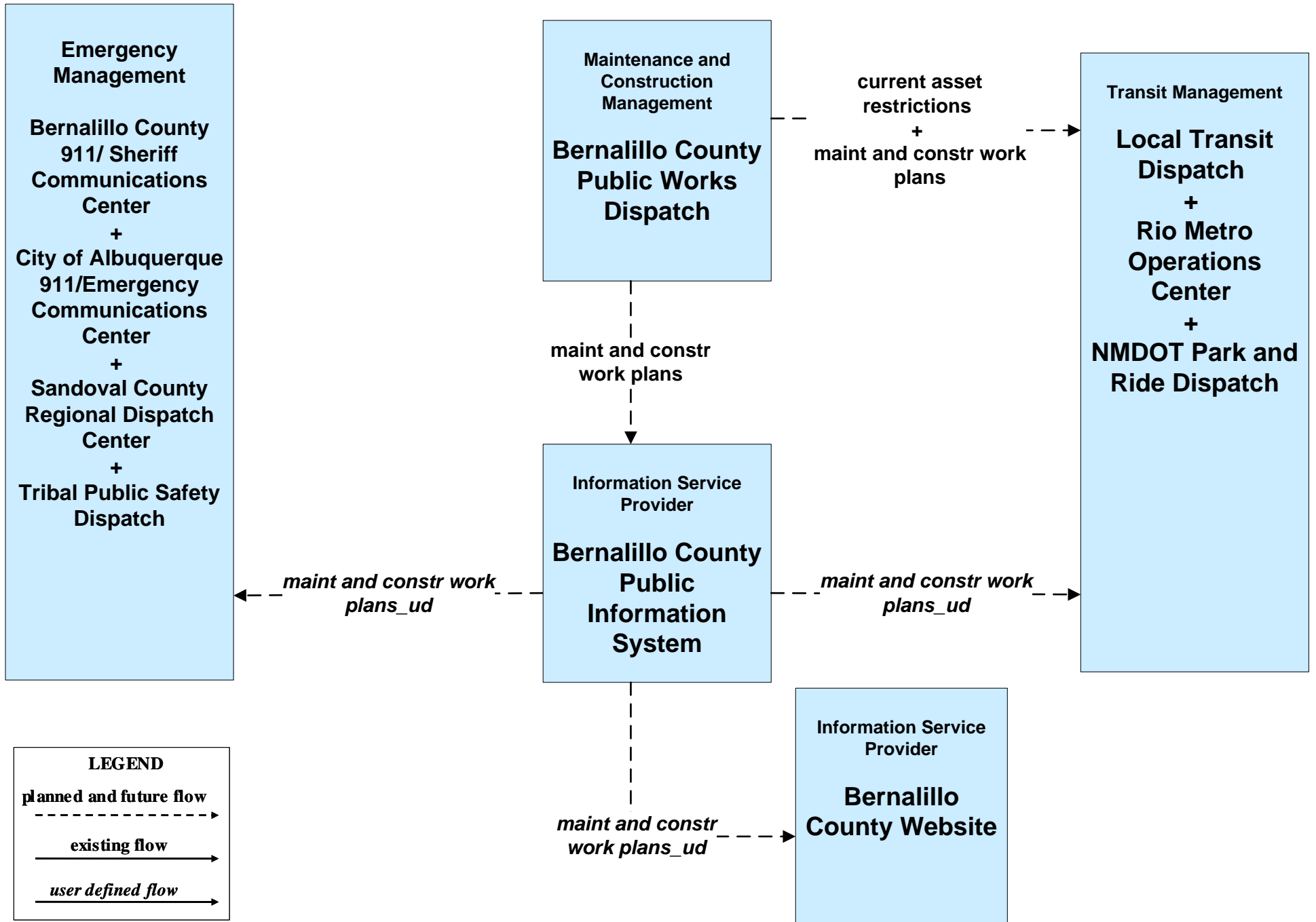
**MC10 - Maintenance and Construction Activity Coordination
City of Rio Rancho (2 of 2)**



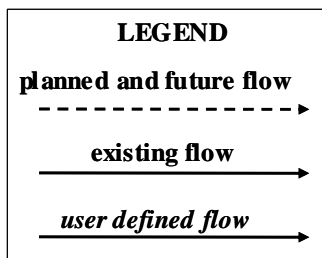
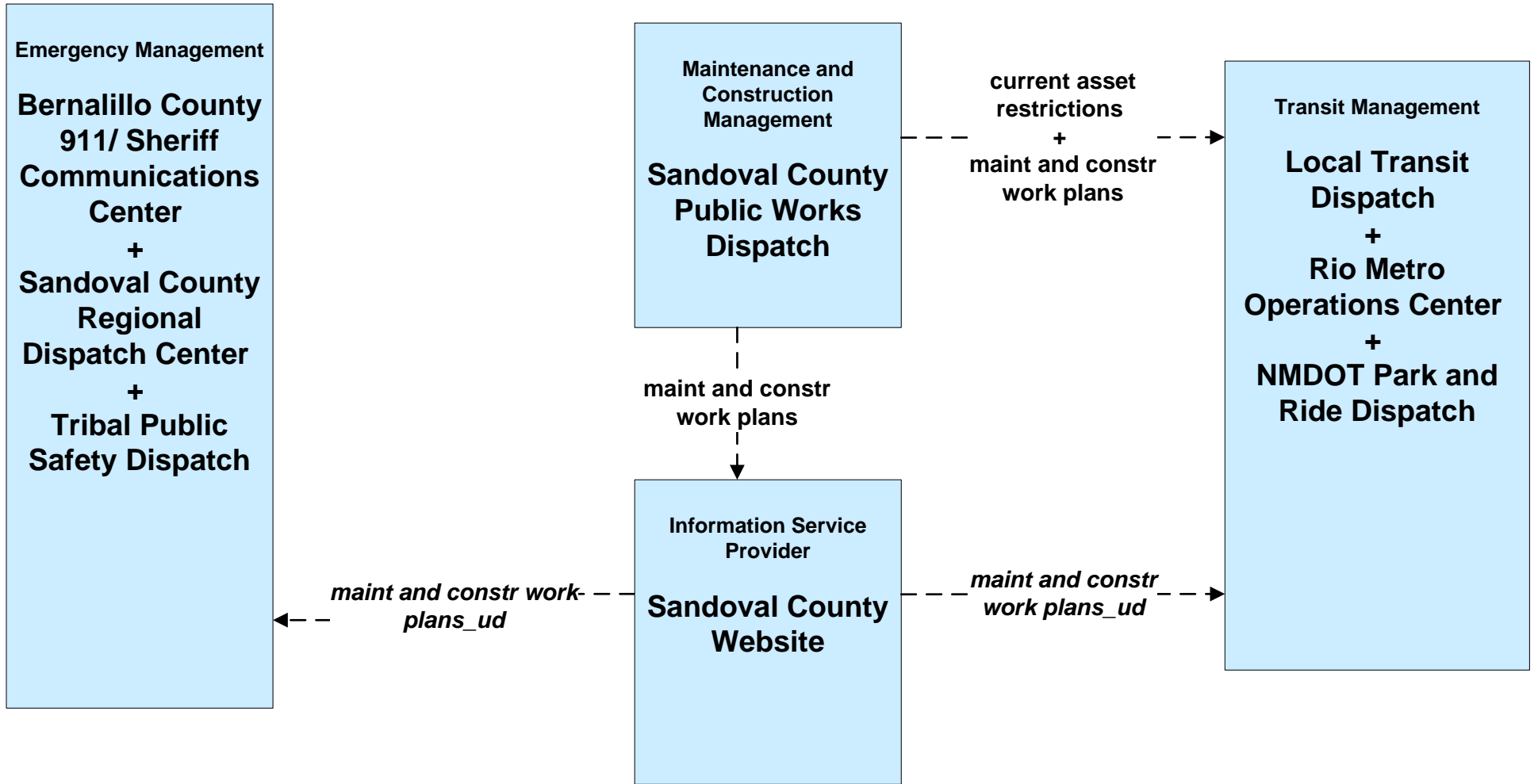
MC10 - Maintenance and Construction Activity Coordination Municipalities (2 of 2)



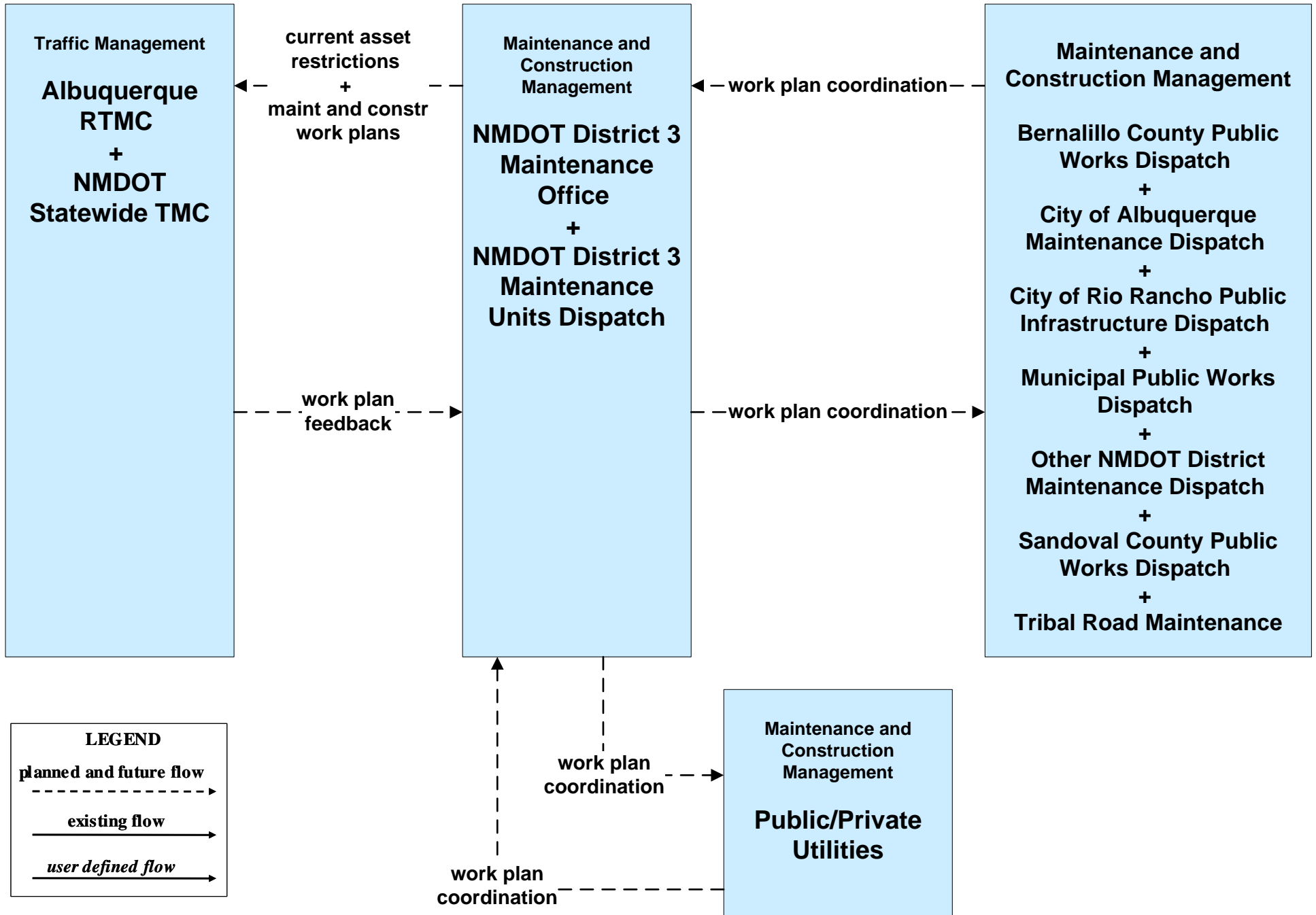
**MC10 - Maintenance and Construction Activity Coordination
Bernalillo County (2 of 2)**



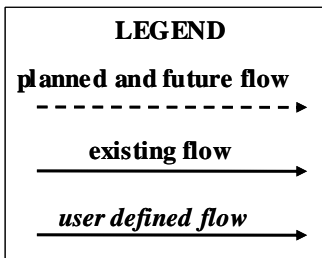
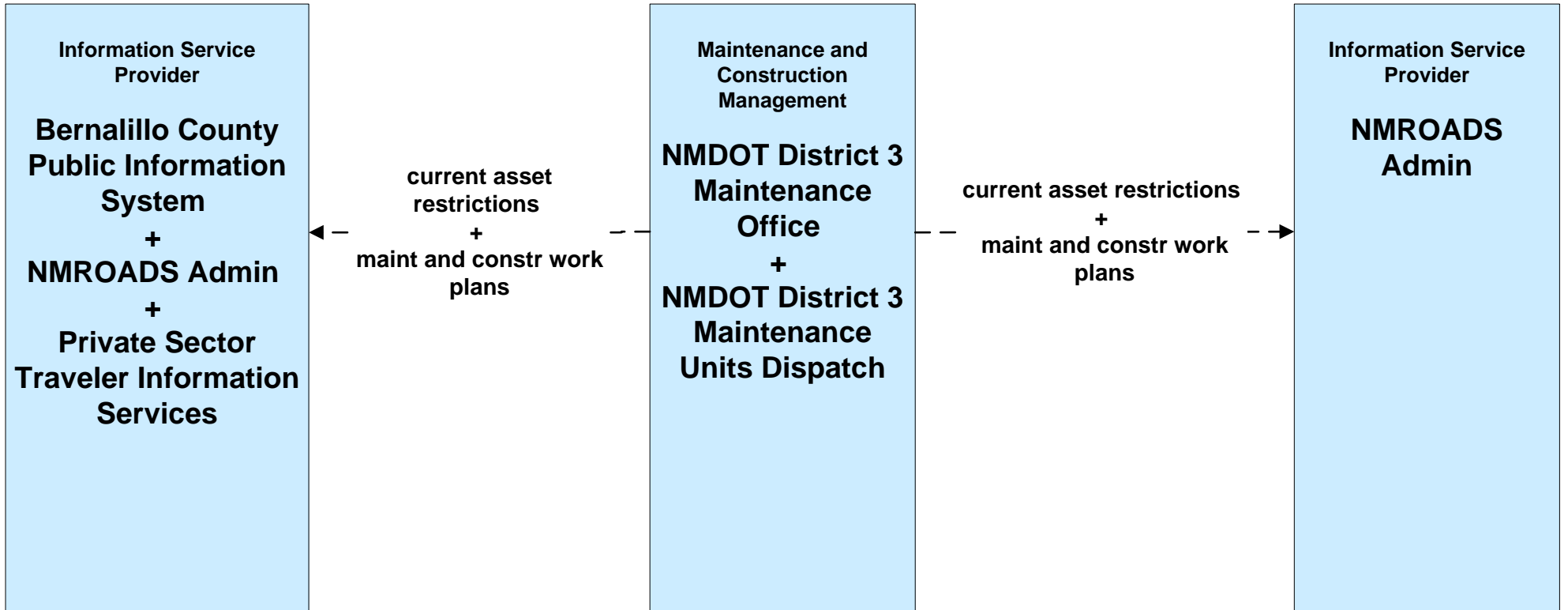
**MC10 - Maintenance and Construction Activity Coordination
Sandoval County (2 of 2)**



MC10 - Maintenance and Construction Activity Coordination
Activity Coordination - NMDOT (1 of 3)



MC10 - Maintenance and Construction Activity Coordination
Activity Coordination - NMDOT (2 of 3)



MC10 - Maintenance and Construction Activity Coordination
Activity Coordination - NMDOT (3 of 3)

