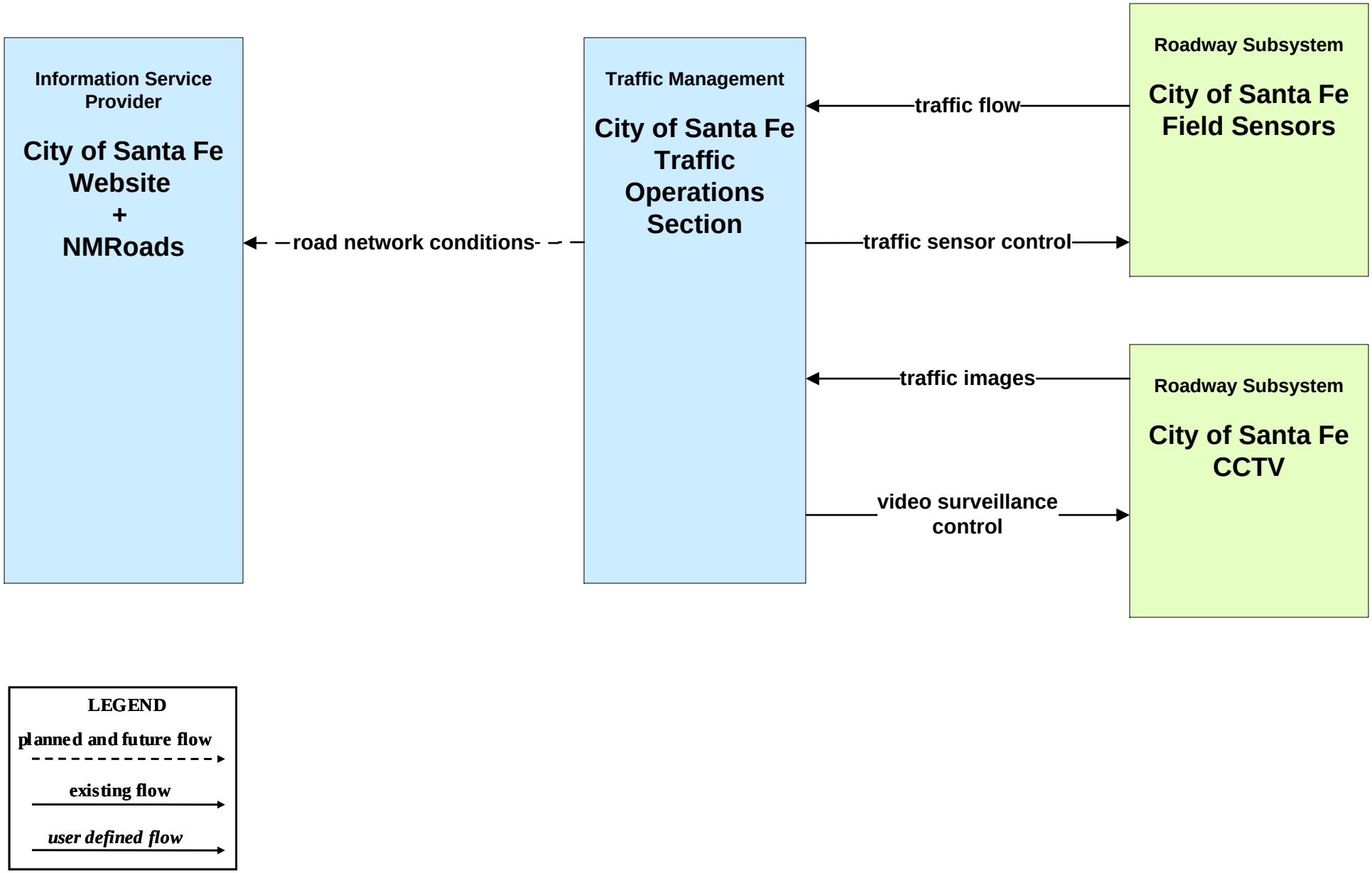
Santa Fe Regional ITS Architecture

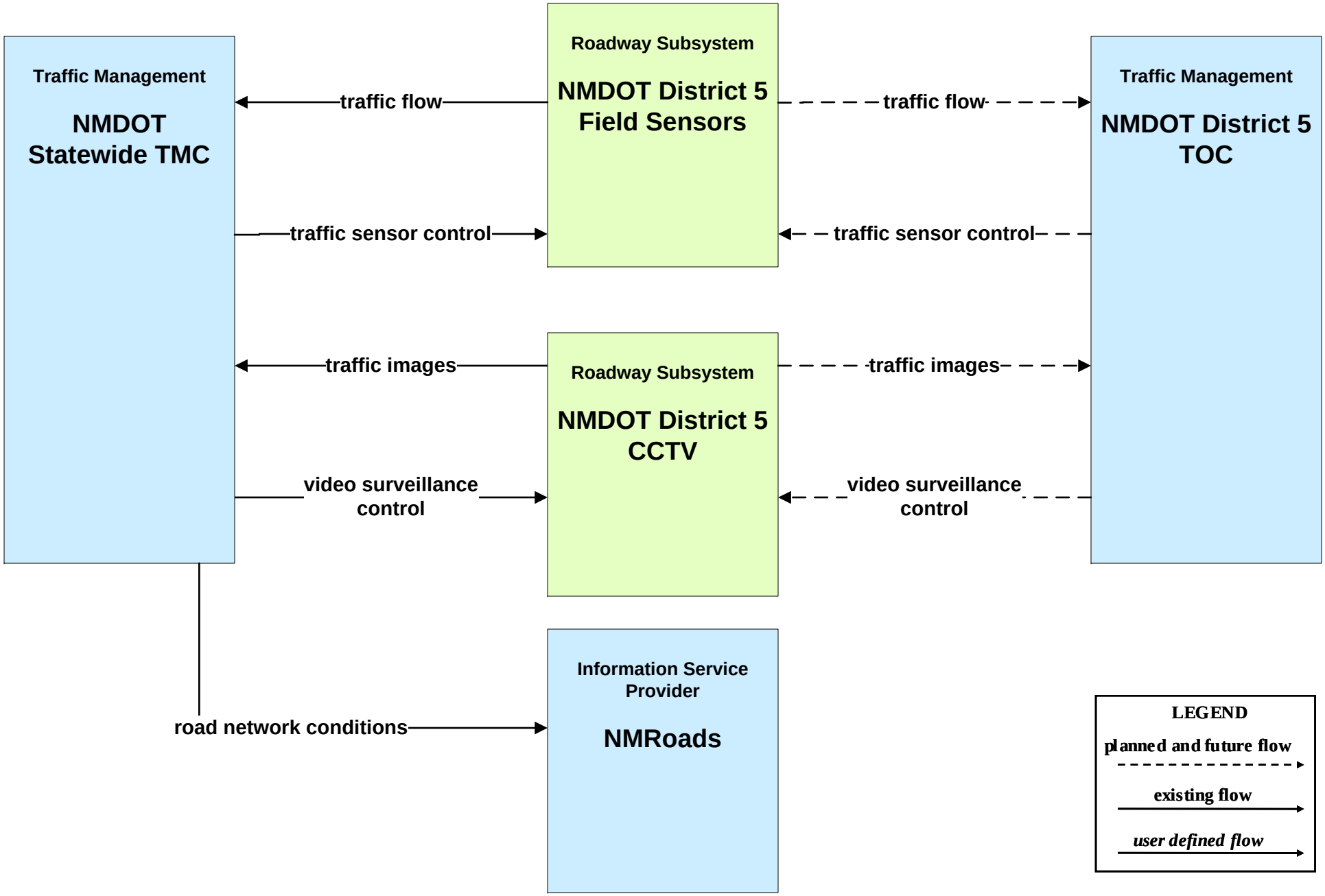
Customized Market Package Diagrams

Advanced Traffic Management Systems (ATMS)

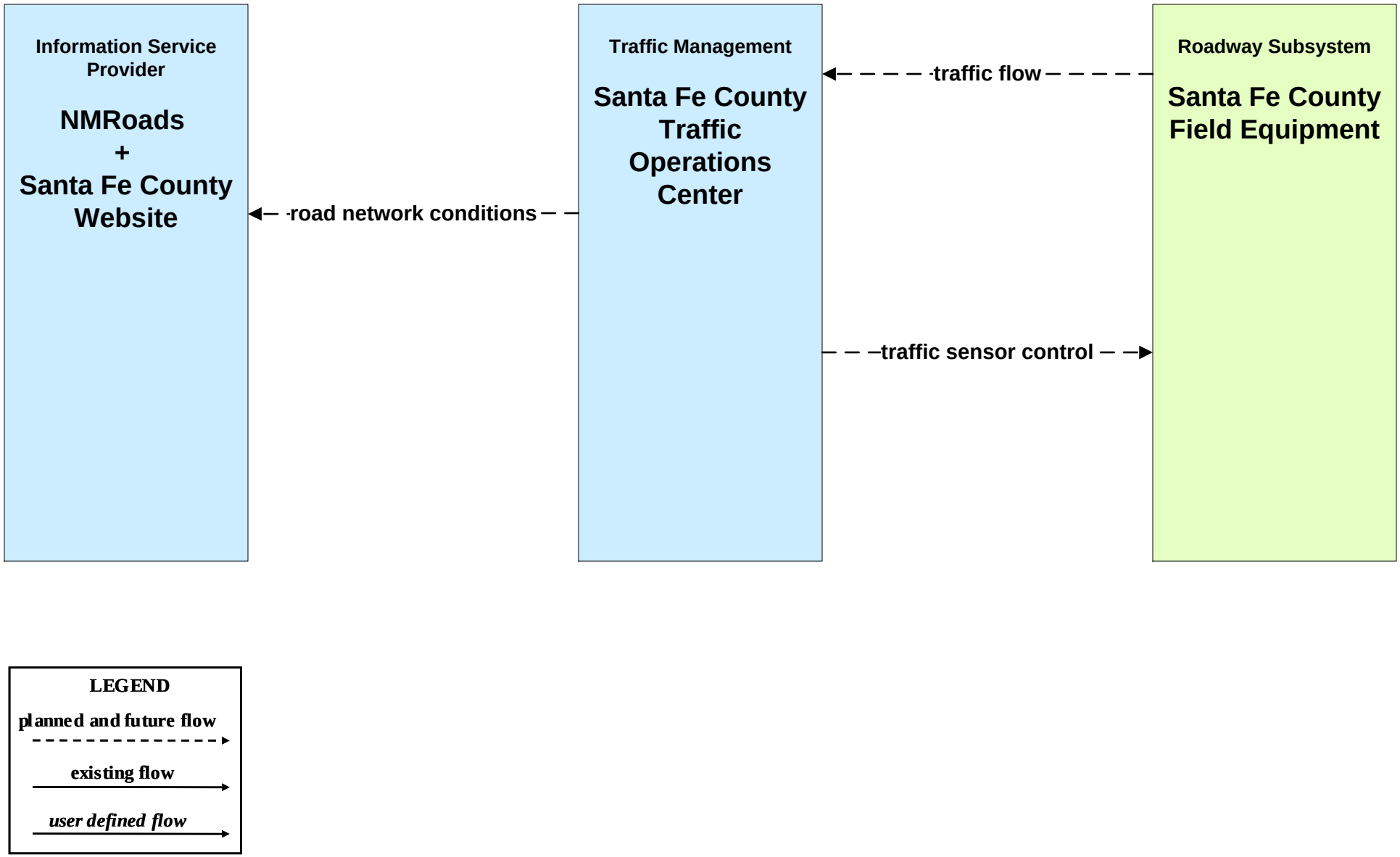
ATMS01 - Network Surveillance
City of Santa Fe



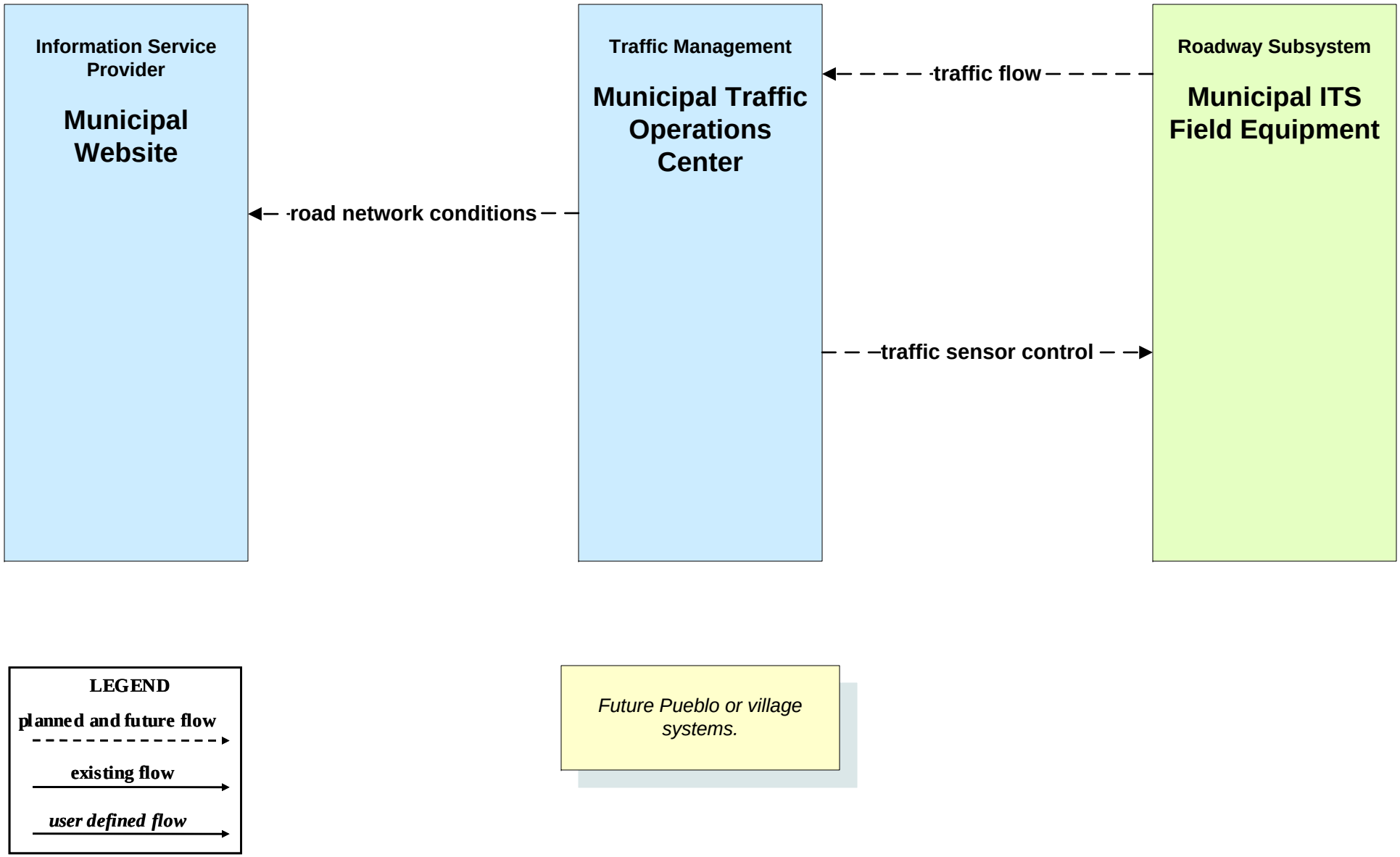
ATMS01 - Network Surveillance
NMDOT District 5



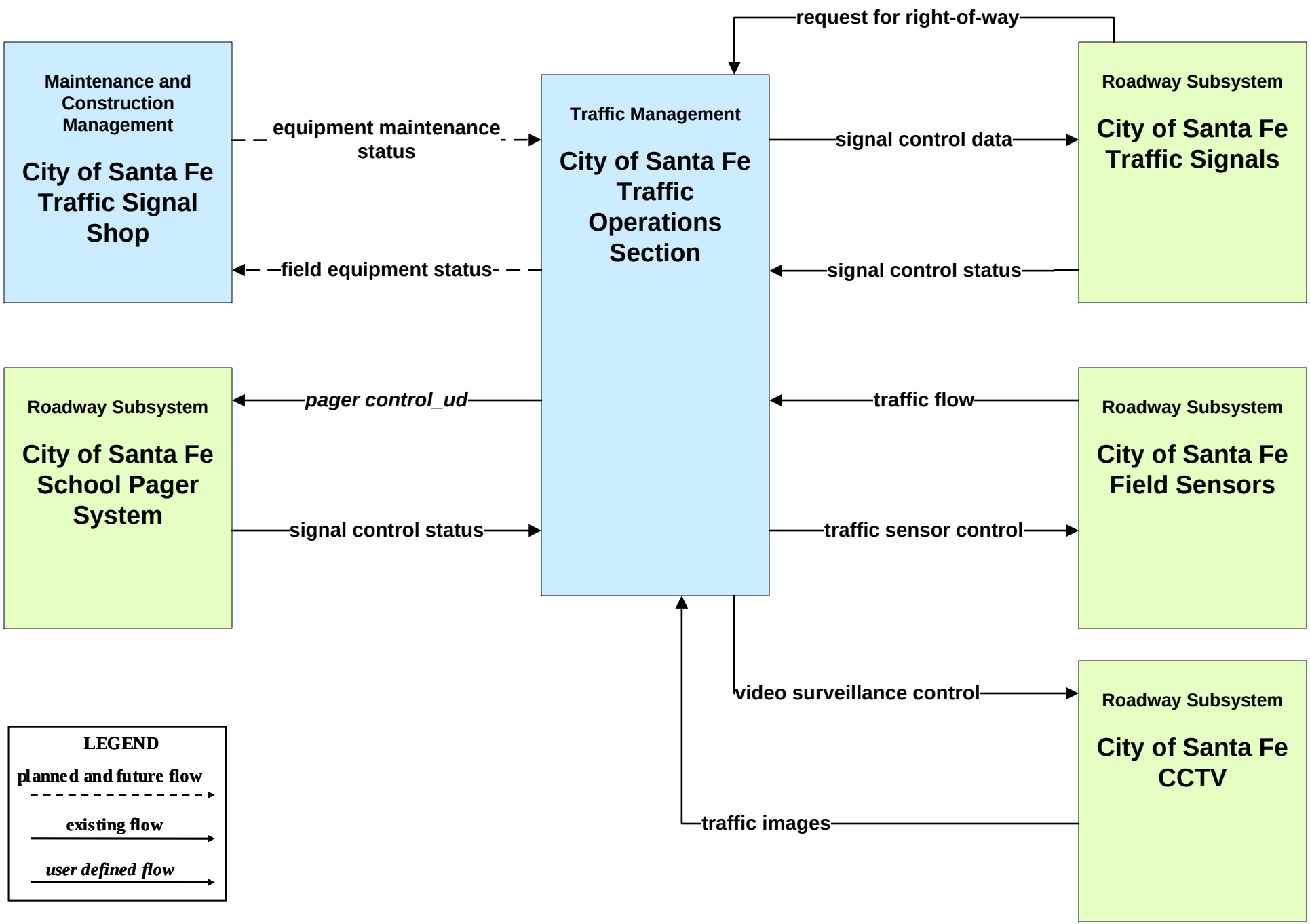
ATMS01 - Network Surveillance
County of Santa Fe



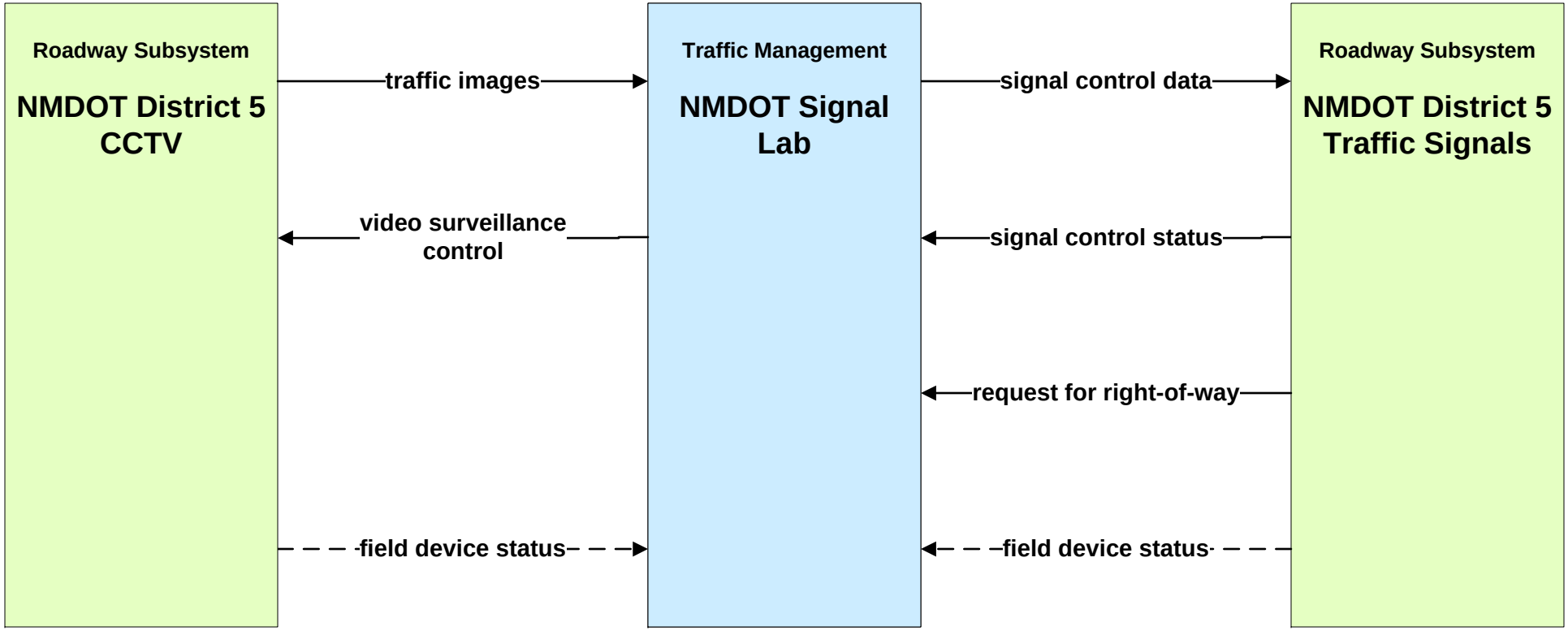
ATMS01 - Network Surveillance
Municipalities

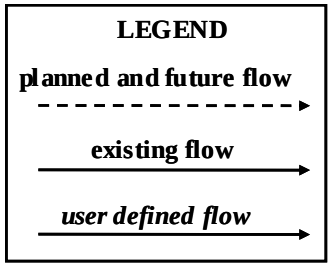


ATMS03 - Surface Street Control
City of Santa Fe

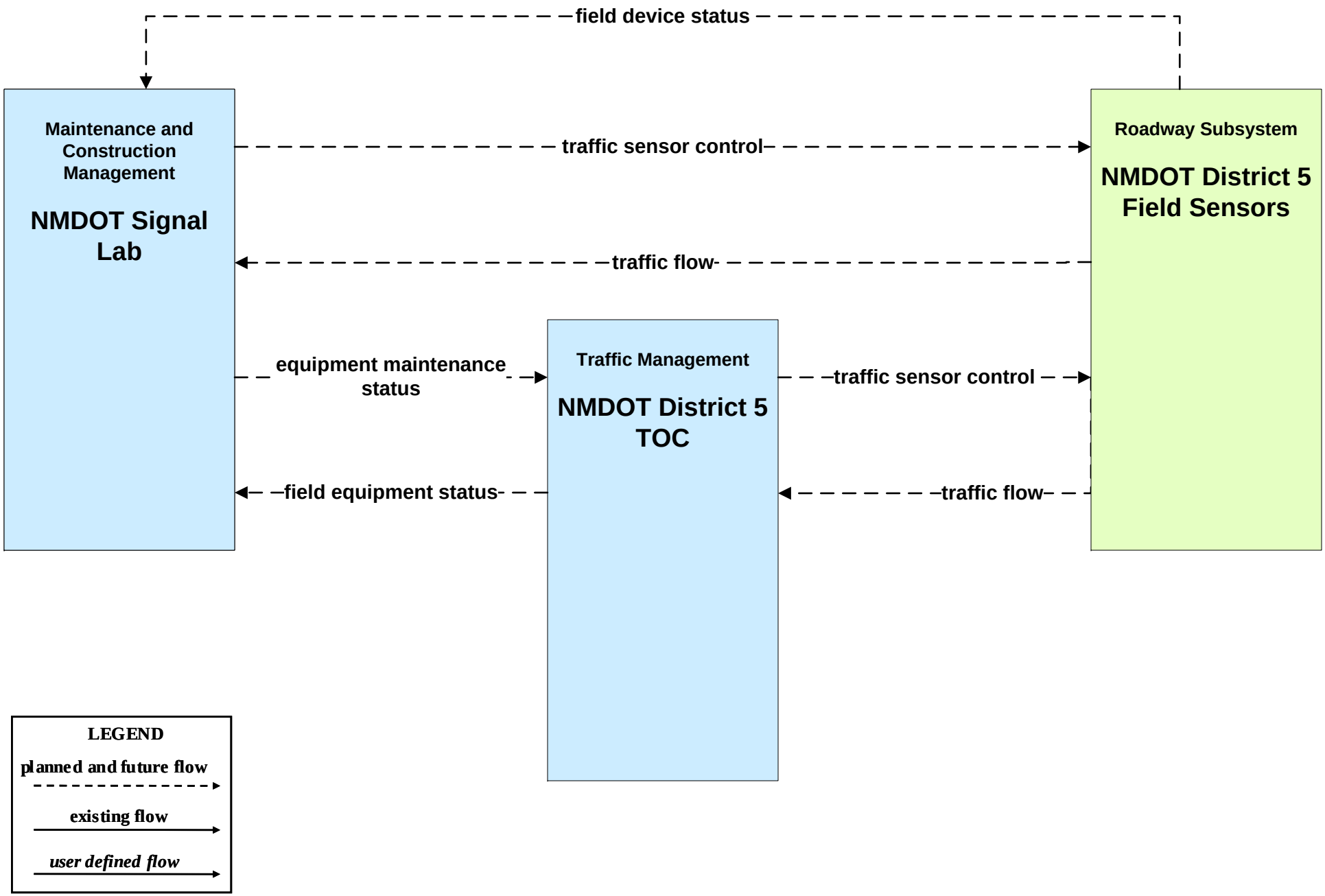


ATMS03 - Surface Street Control
NMDOT (1 of 2)

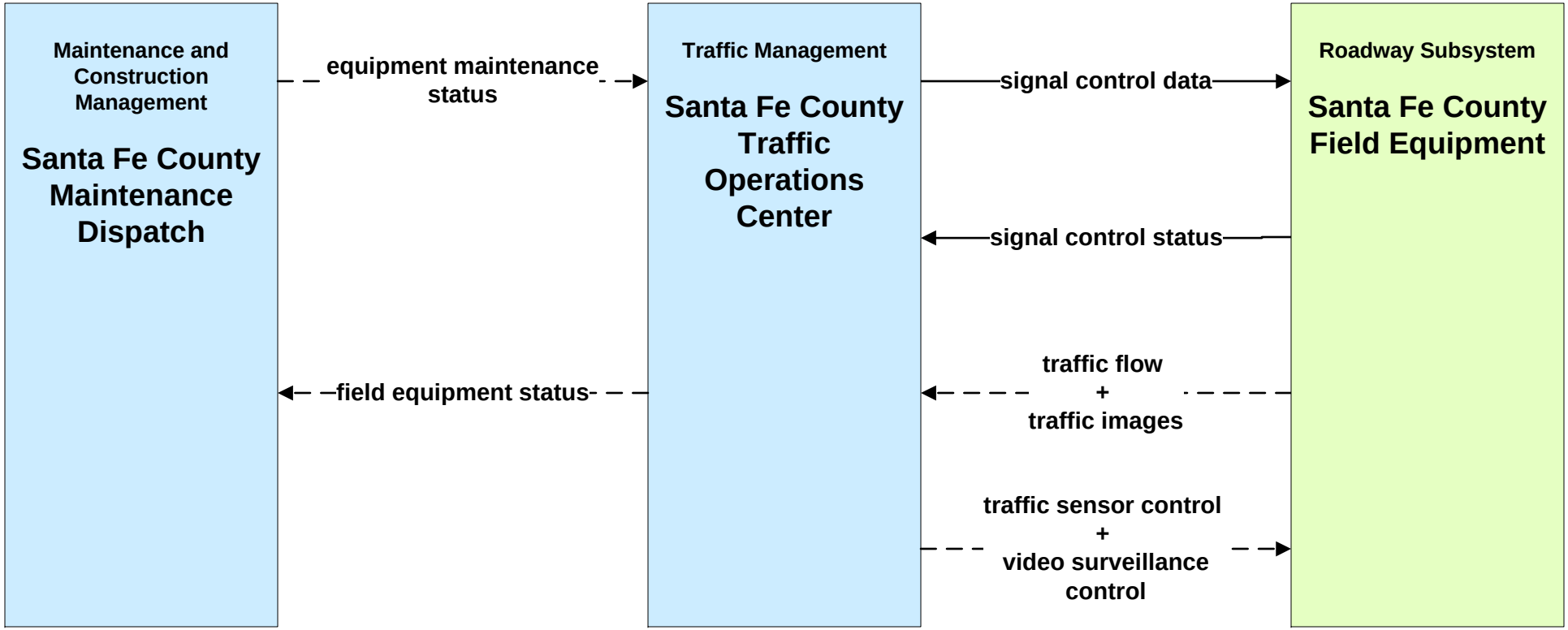


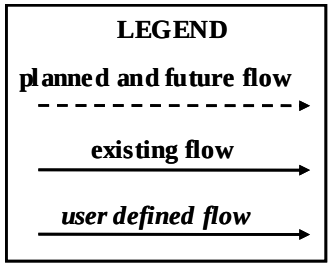


ATMS03 - Surface Street Control
NMDOT (2 of 2)

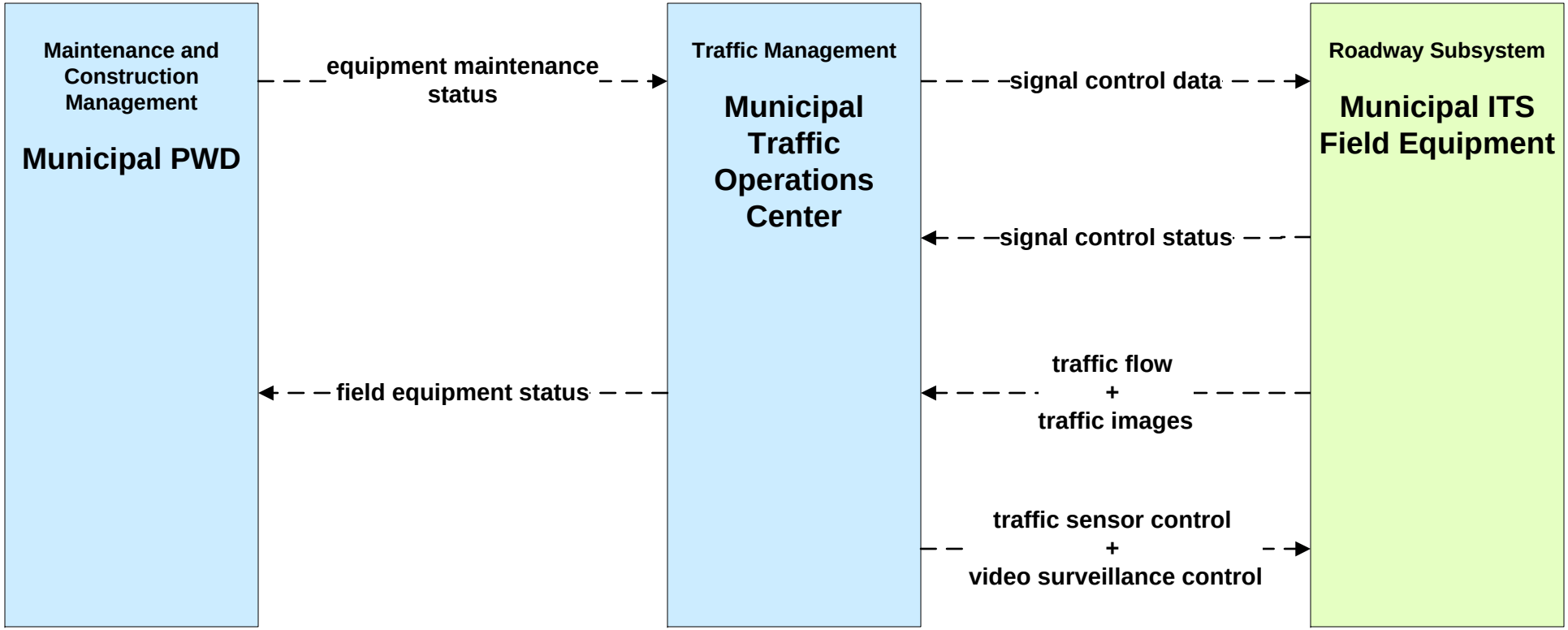


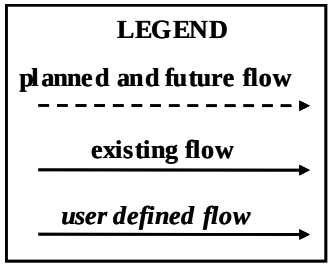
ATMS03 - Surface Street Control
Santa Fe County



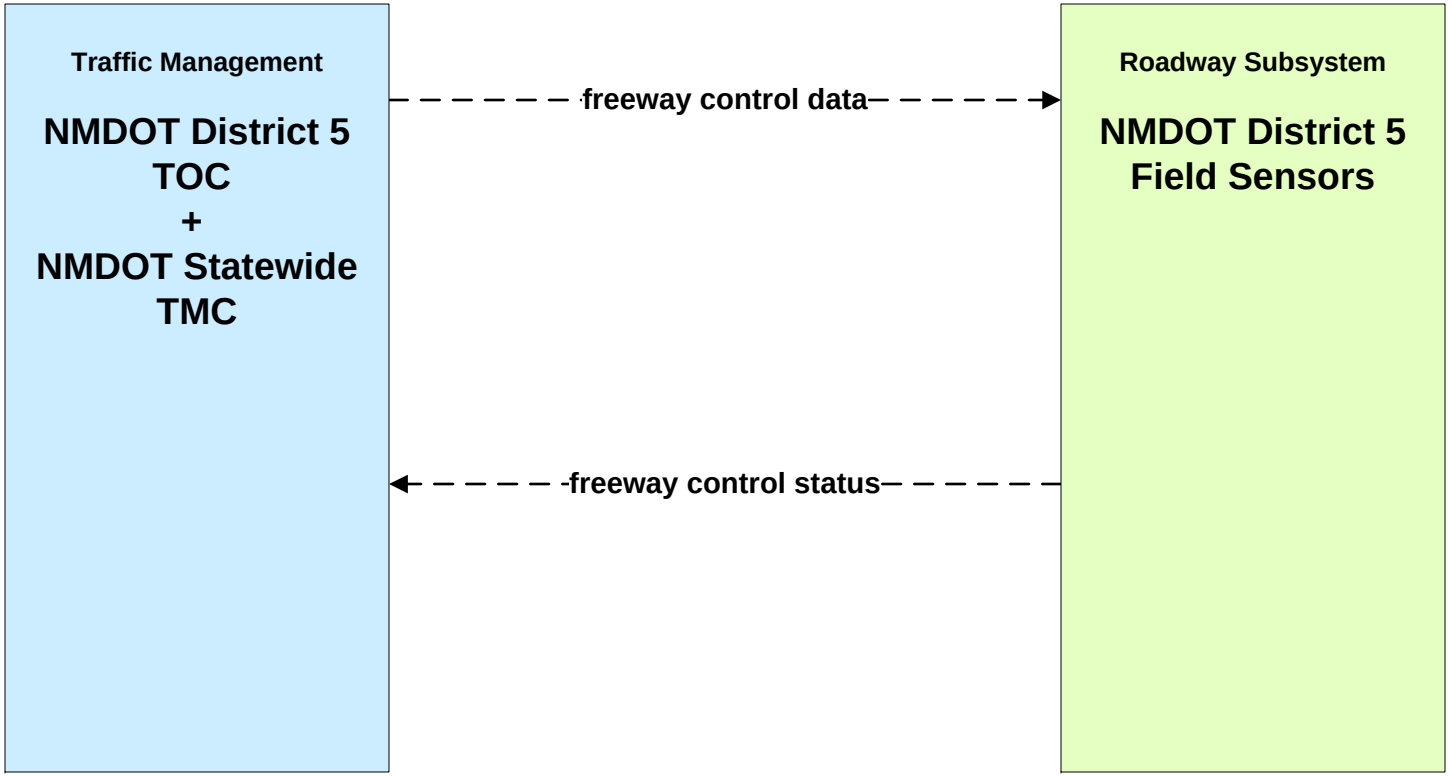


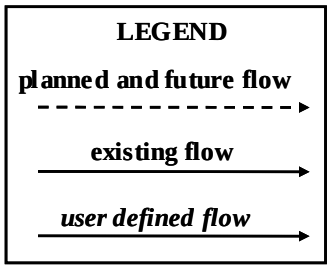
ATMS03 - Surface Street Control
Municipalities



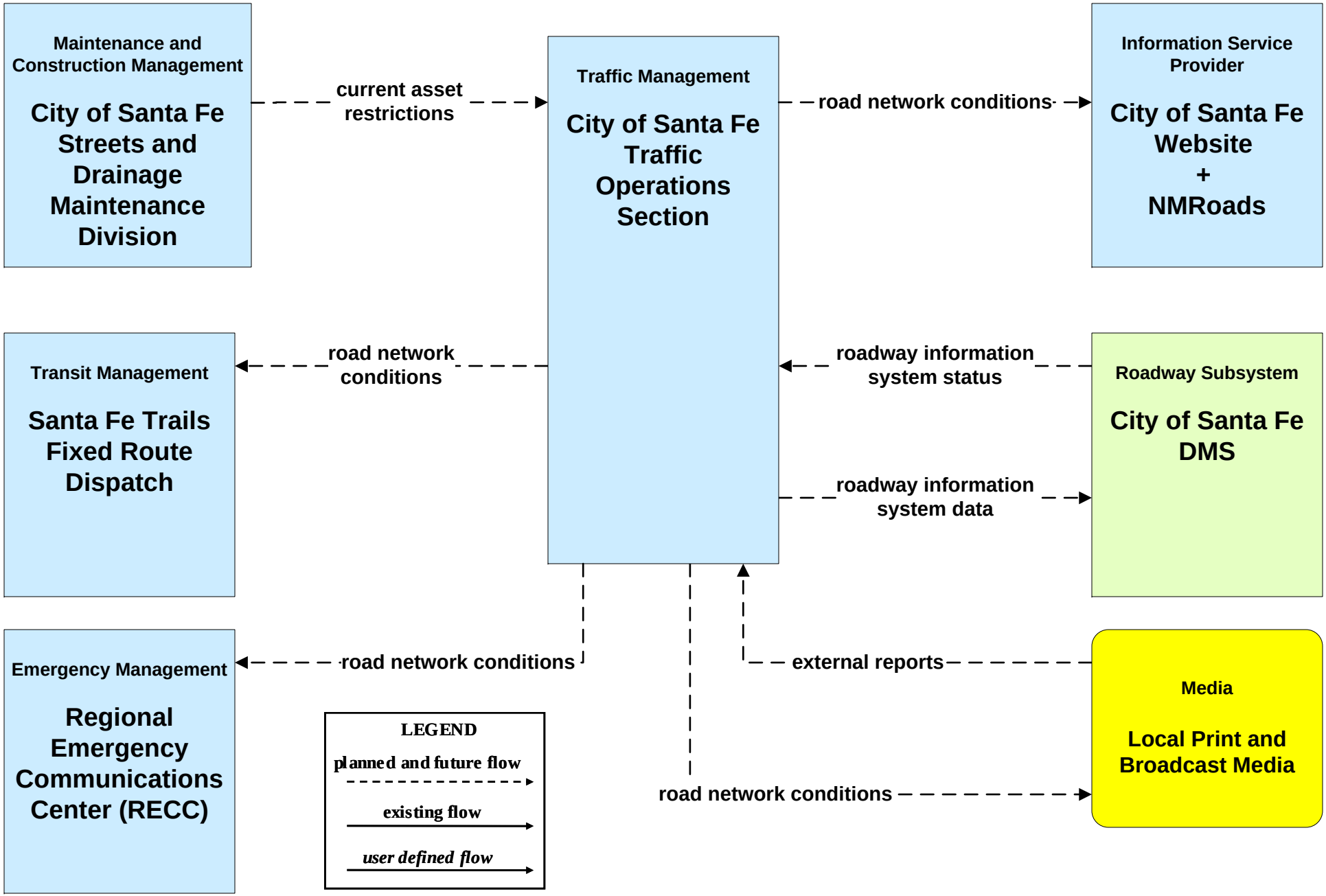


ATMS04 - Freeway Control
NMDOT

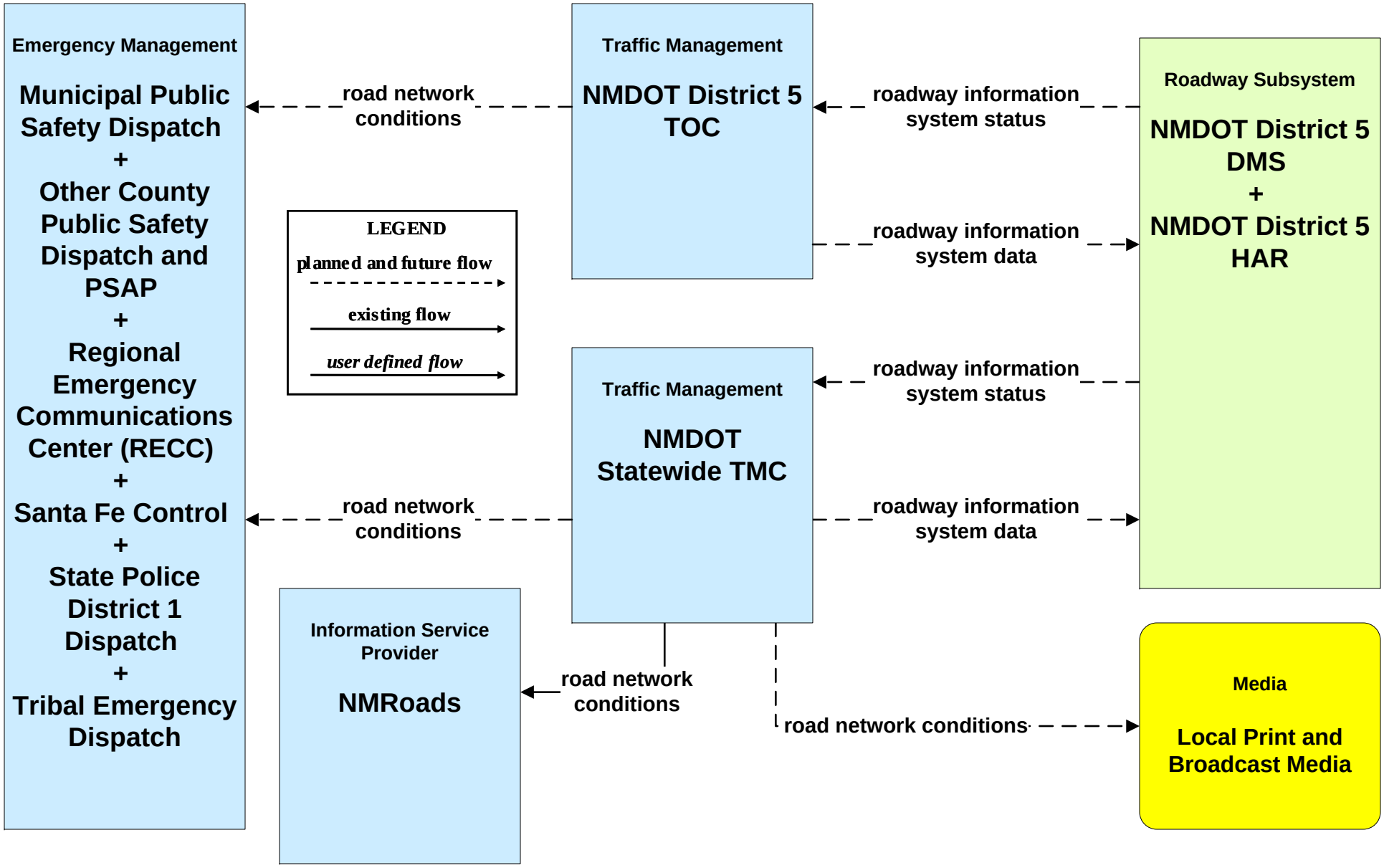




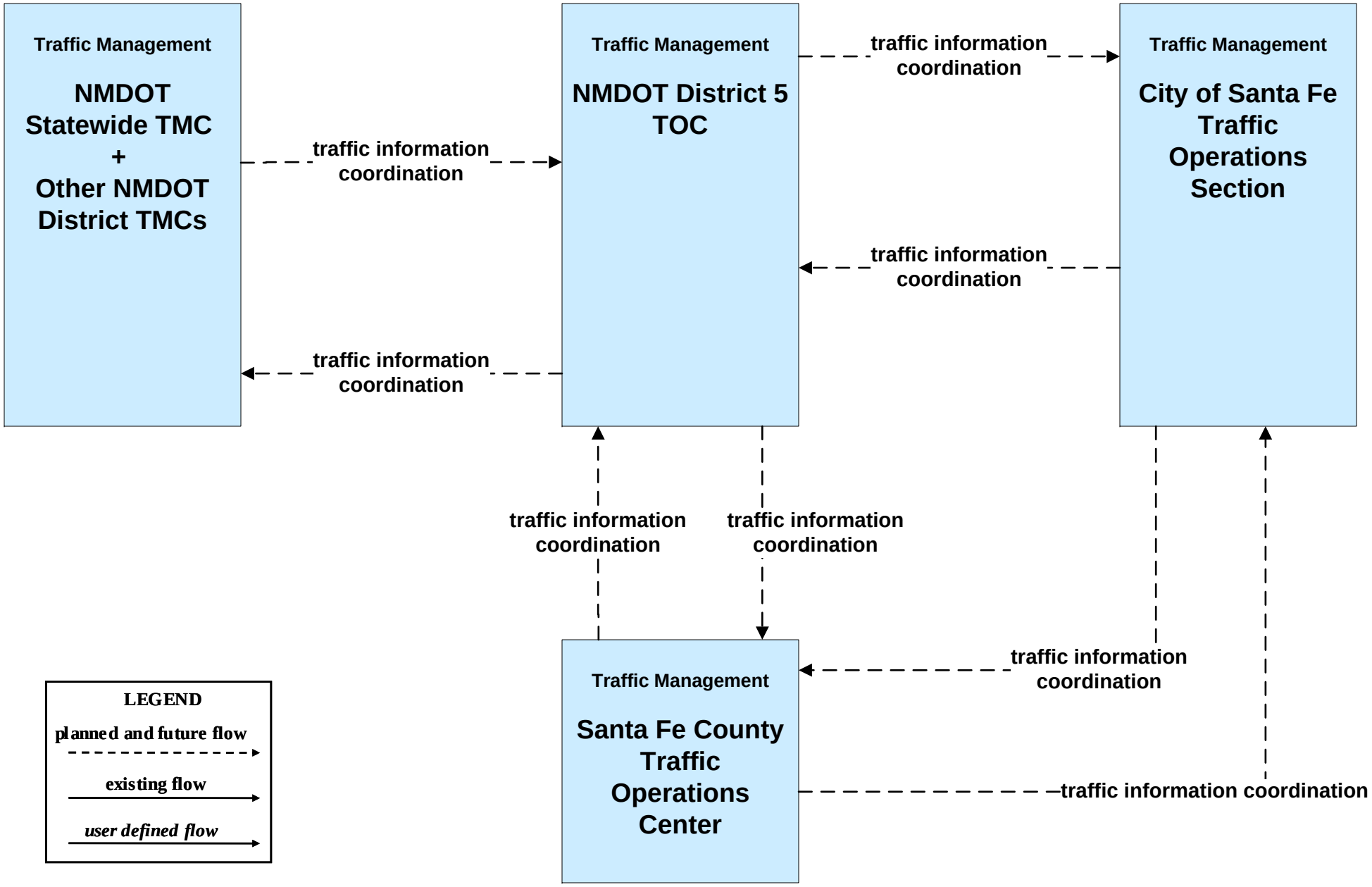
ATMS06 - Traffic Information Dissemination
City of Santa Fe



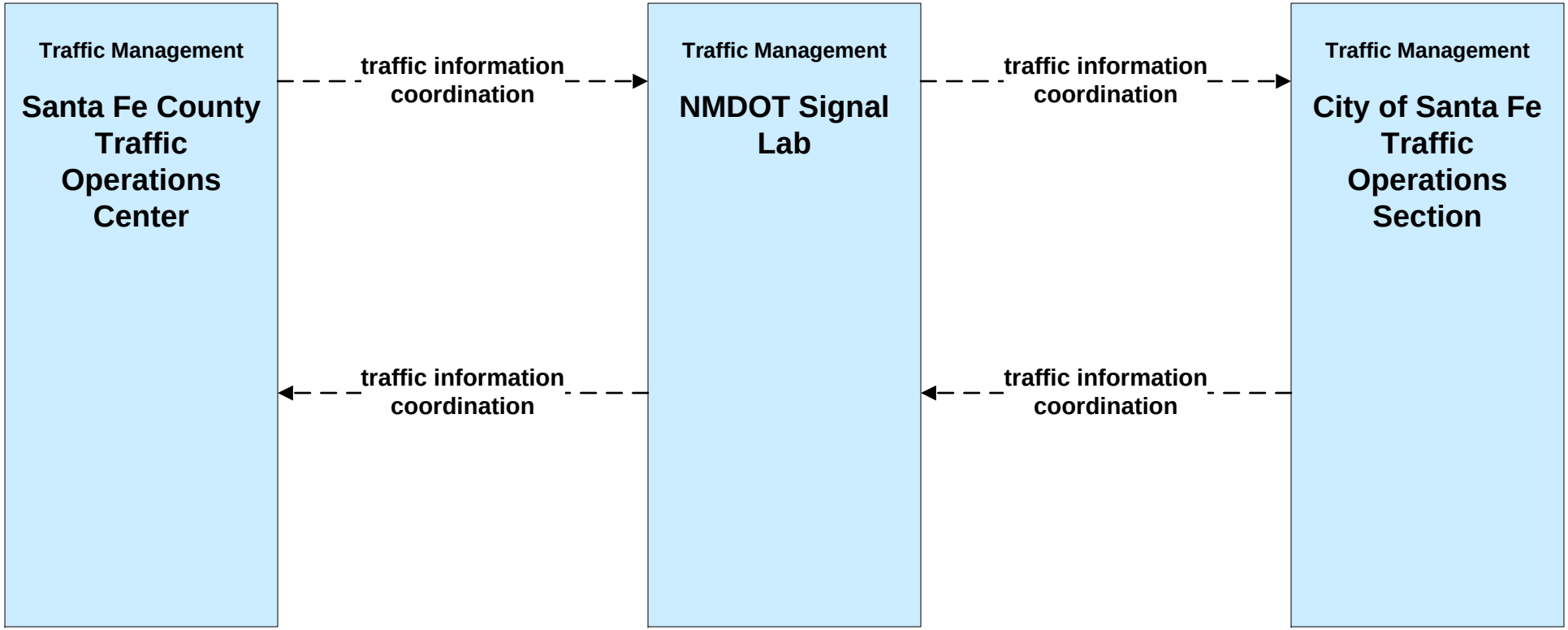
ATMS06 - Traffic Information Dissemination
NMDOT

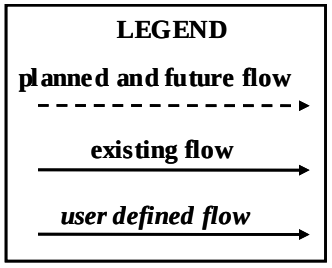


ATMS07 - Regional Traffic Control



ATMS07 - Regional Traffic Control
NM Signal Lab





Incident Management Overview

ATMS08 Covered

Emergency Management ←→ Traffic Management

Emergency Management ←→ Maintenance and Construction

Traffic Management ←→ Maintenance and Construction

Maintenance and Construction ←→ Maintenance and Construction

Event Plans and Weather ←→ Traffic Management & Emergency Management (see MCs for M&C)

ATMS06, 03, 04, etc. Covered

Traffic Management ←→ Roadway

ATMS07 Covered

Traffic Management ←→ Traffic Management

EM1 Covered

Emergency Management ←→ Emergency Management

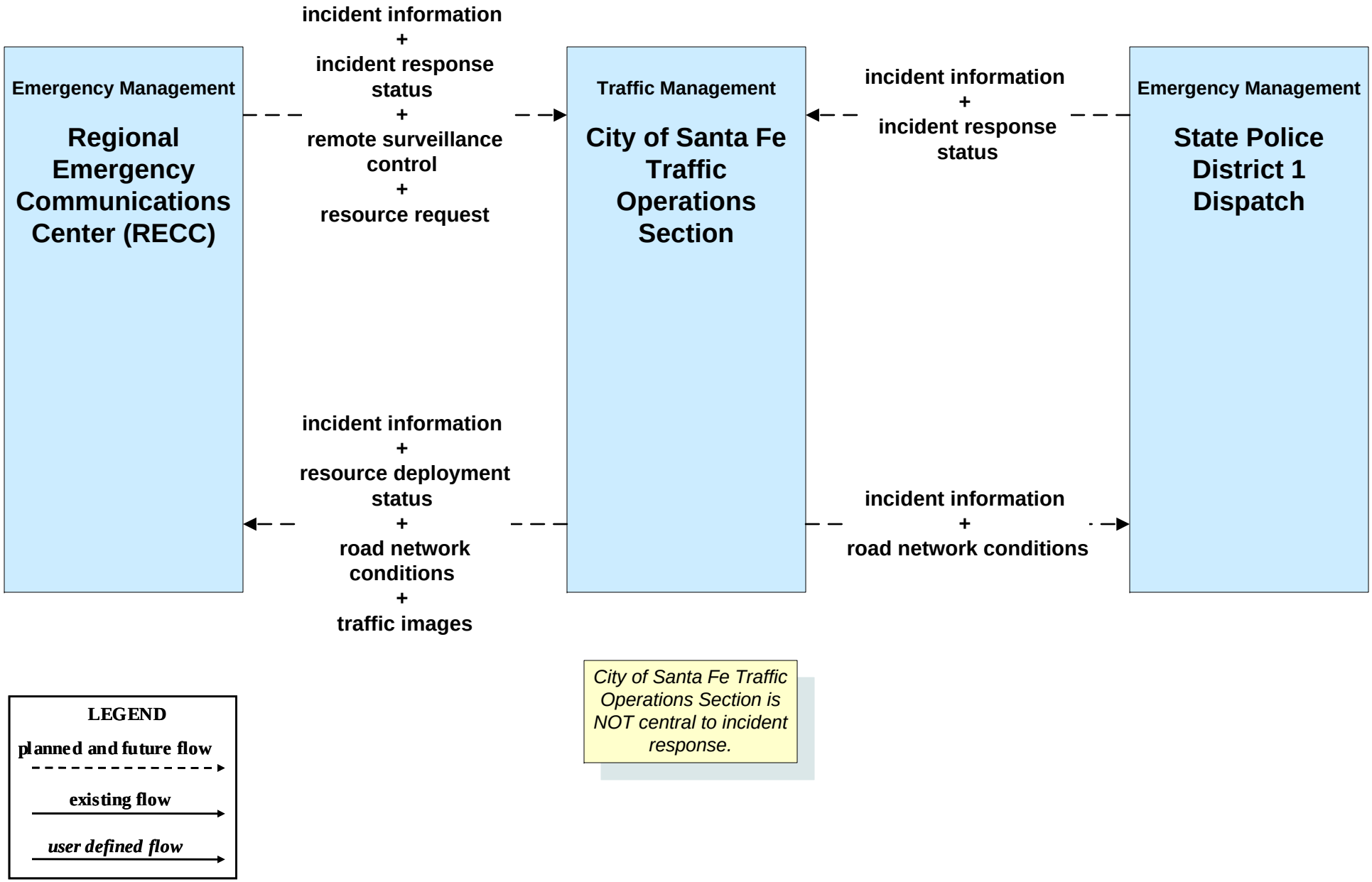
EM2 Covered

Emergency Vehicle Preemption

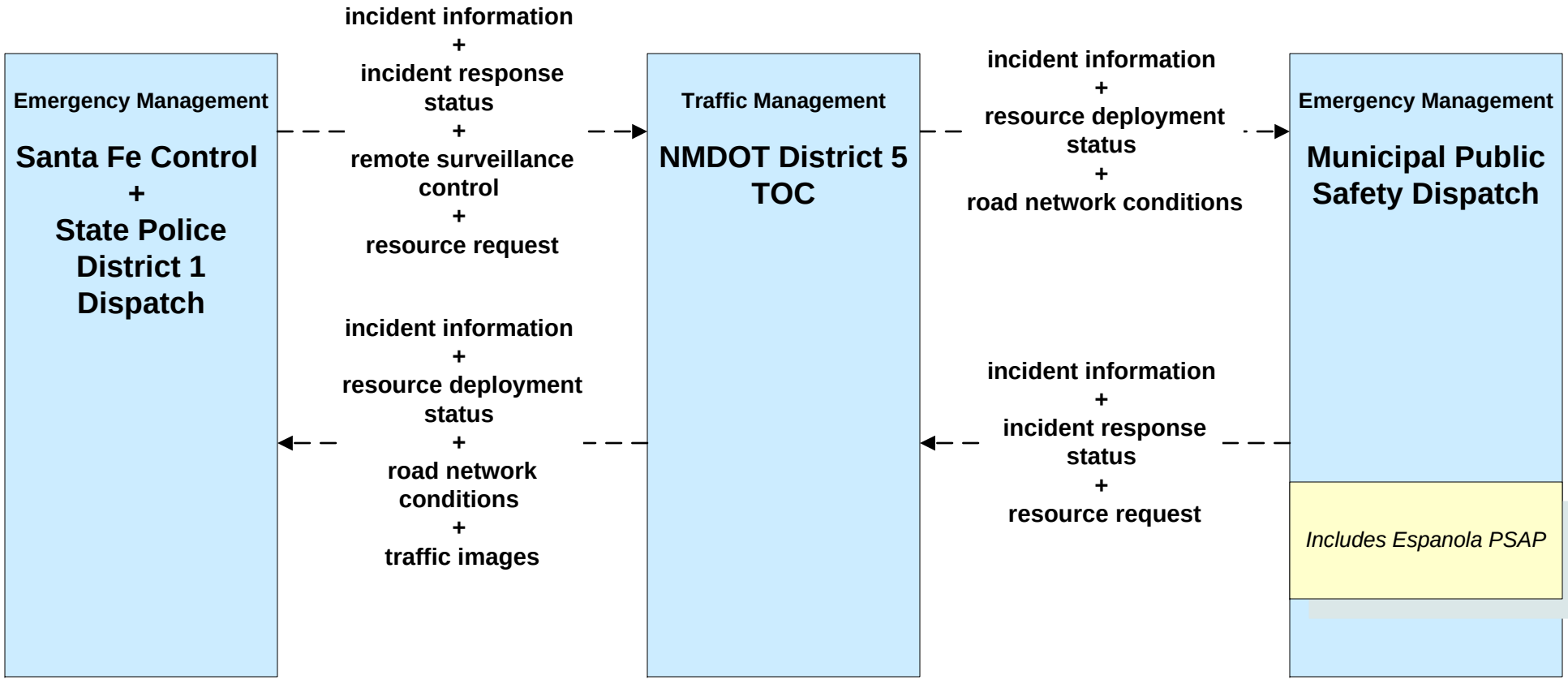
ATMS08 - Incident Management

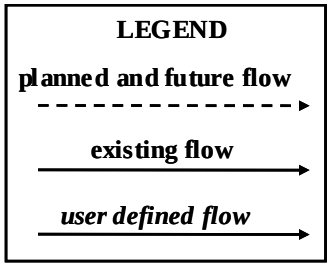
Traffic Management ←→ Emergency Management

ATMS08 - Incident Management
City of Santa Fe (TM to EM)

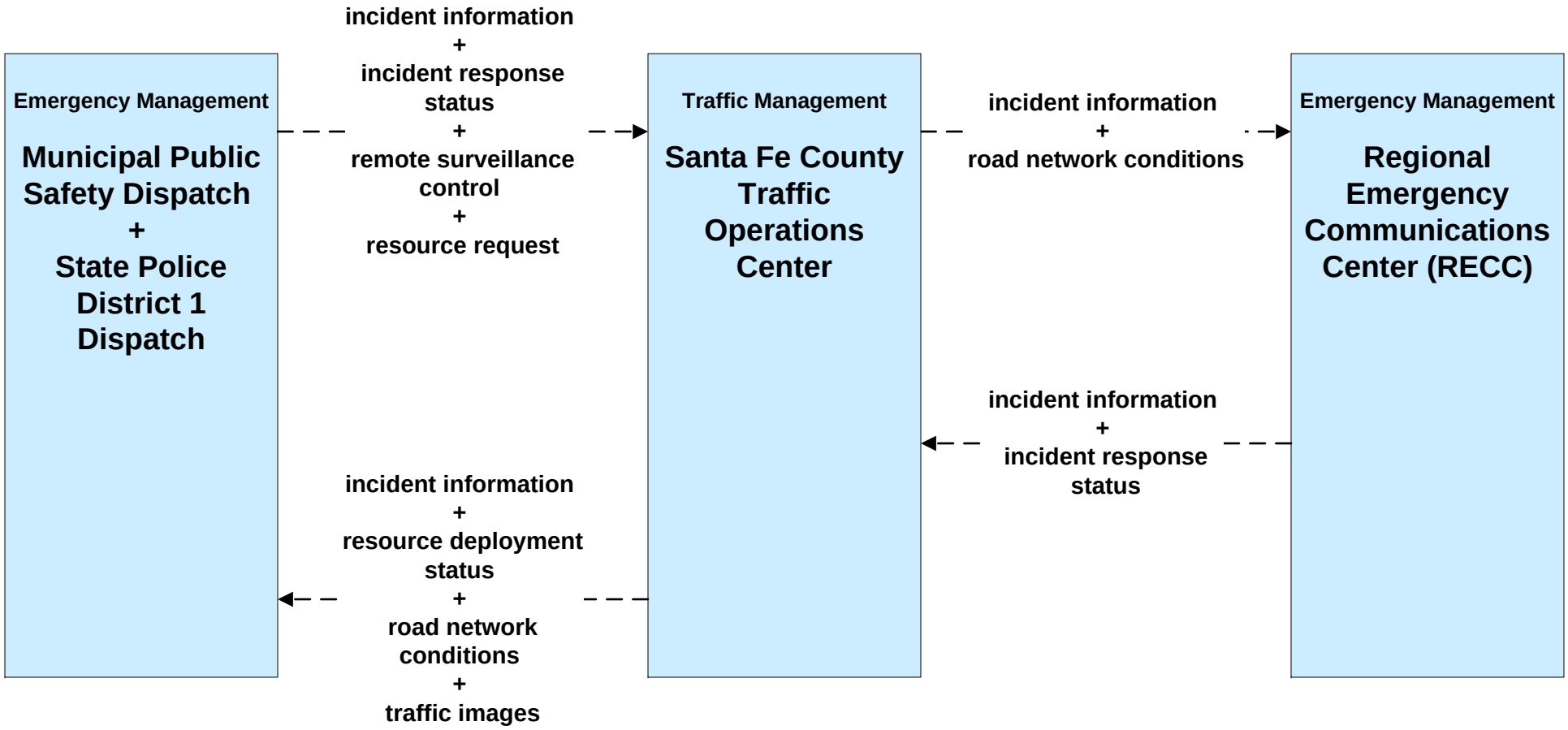


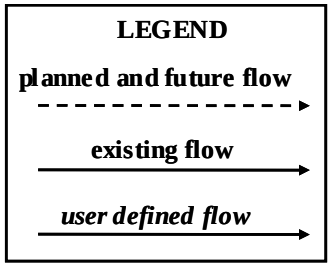
ATMS08 - Incident Management
NMDOT (TM to EM)



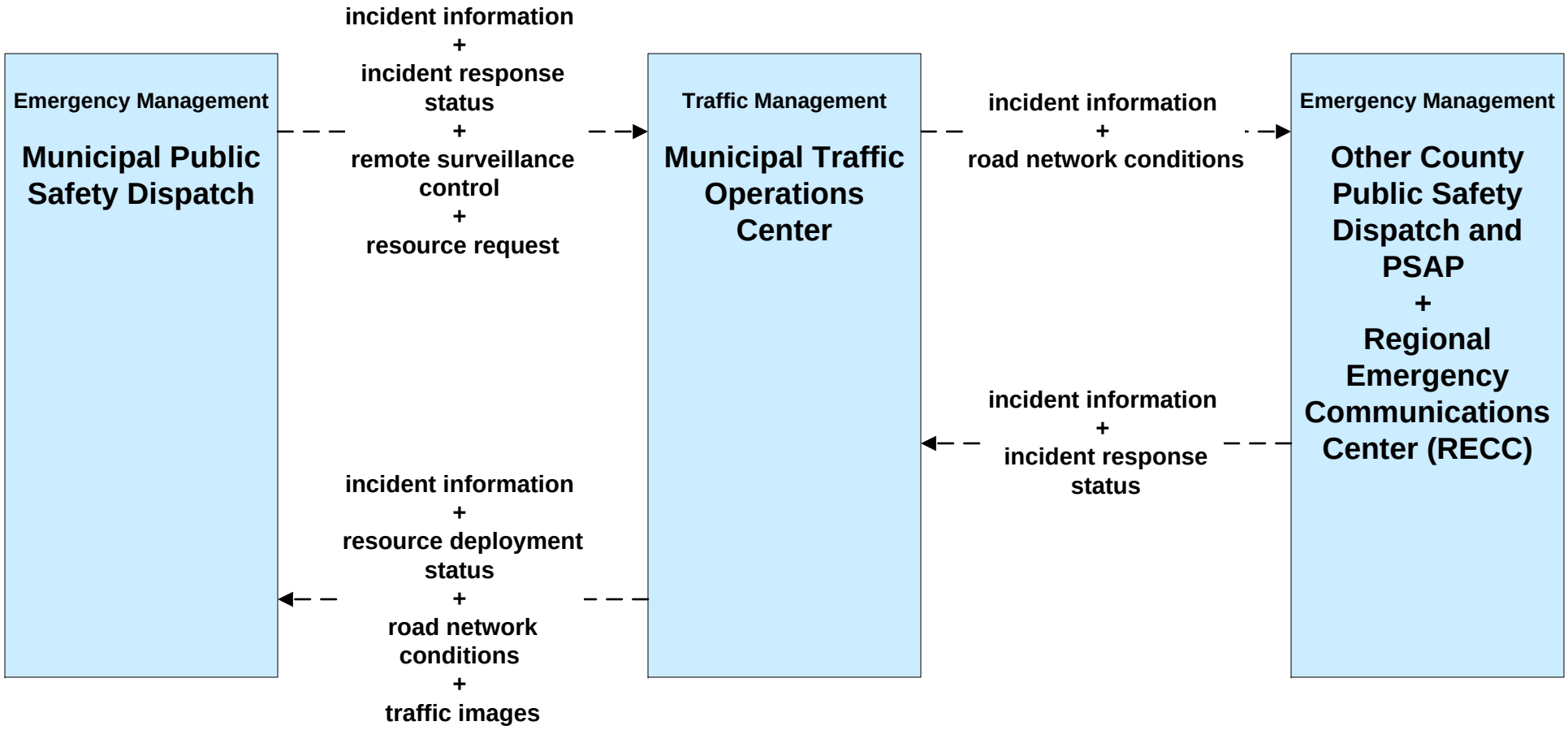


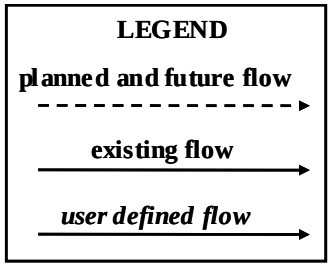
ATMS08 - Incident Management
Santa Fe County (TM to EM)





ATMS08 - Incident Management
Municipal TOC (TM to EM)

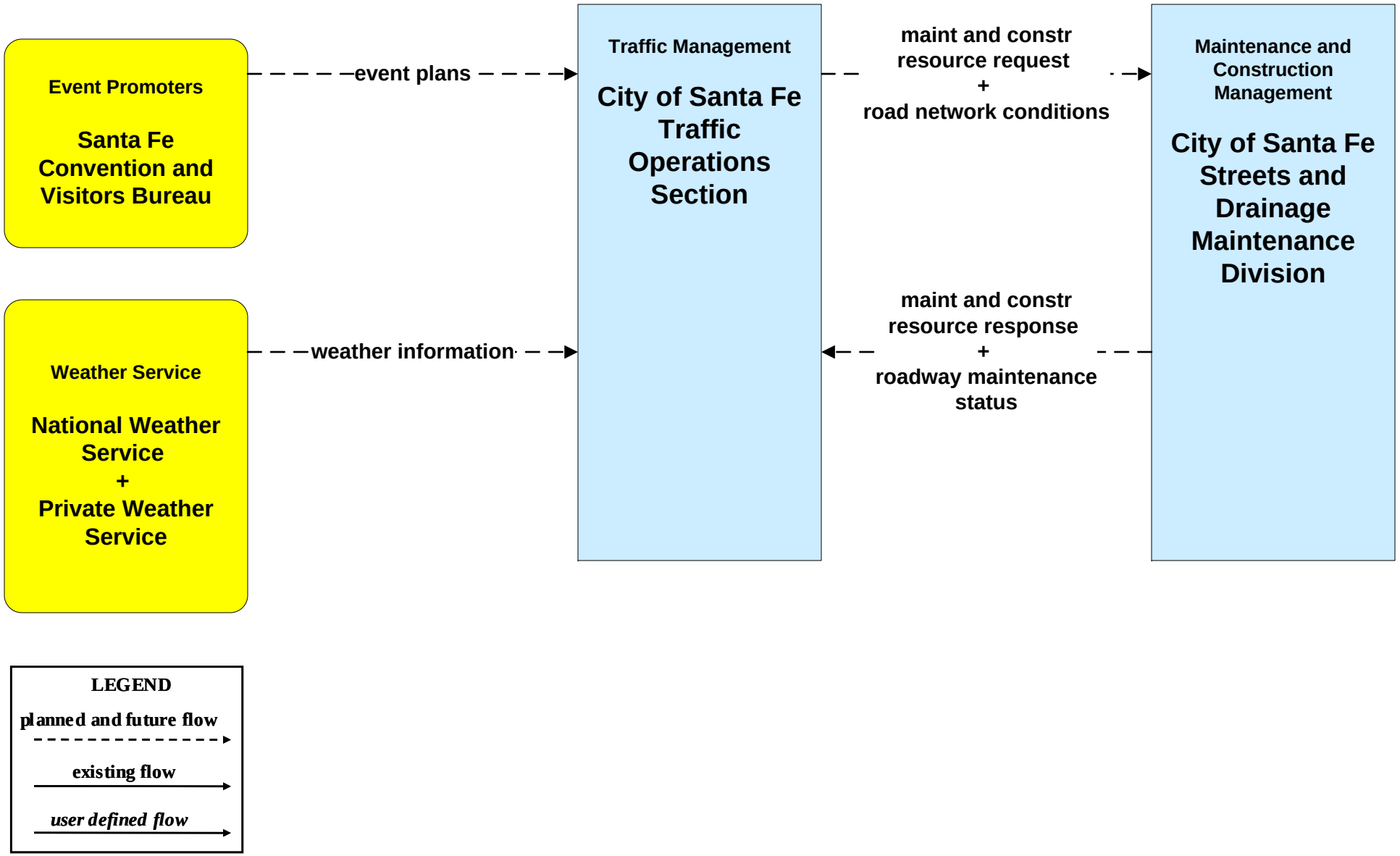




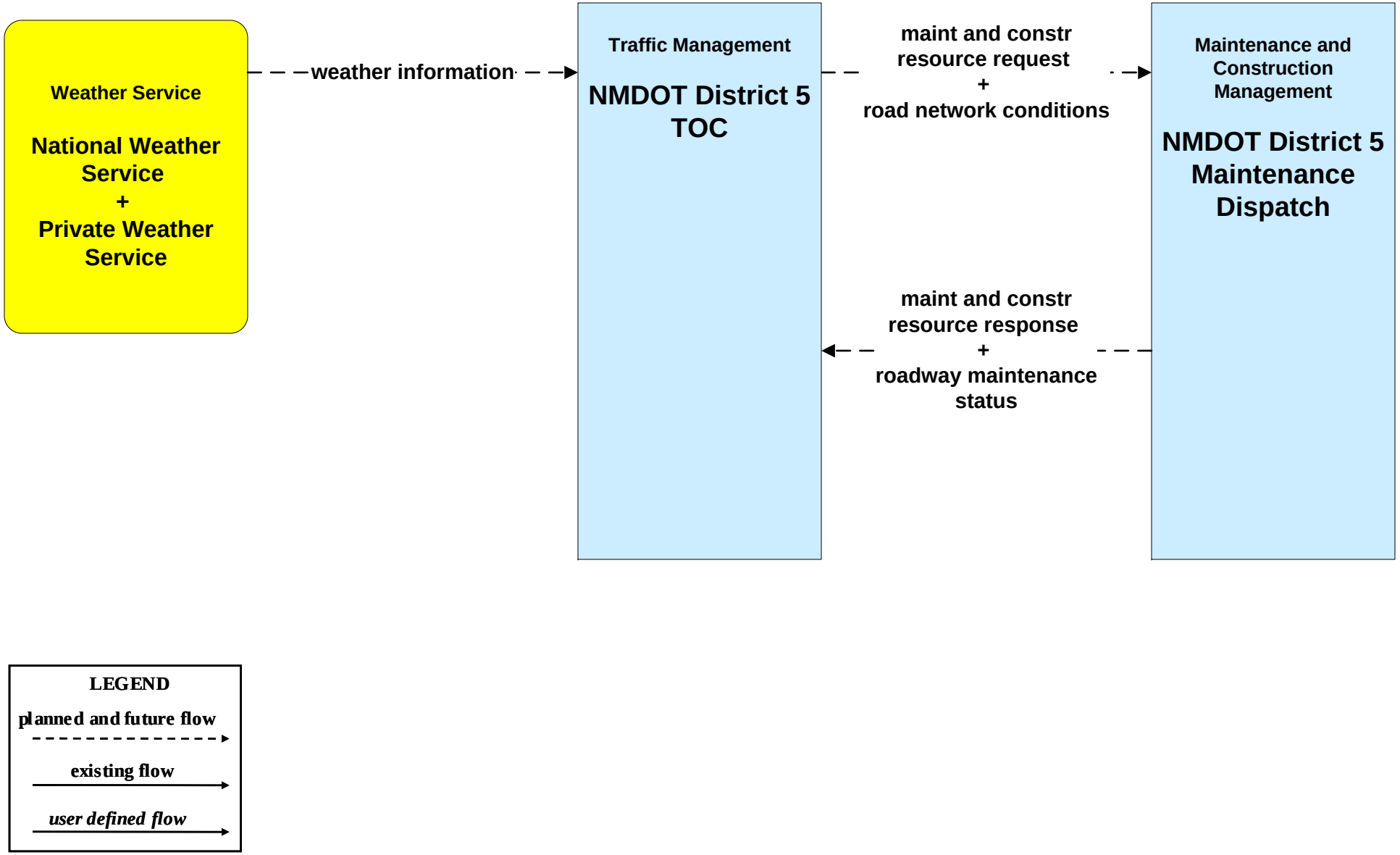
ATMS08 - Incident Management

Traffic Management ←→ Maintenance and Construction Management

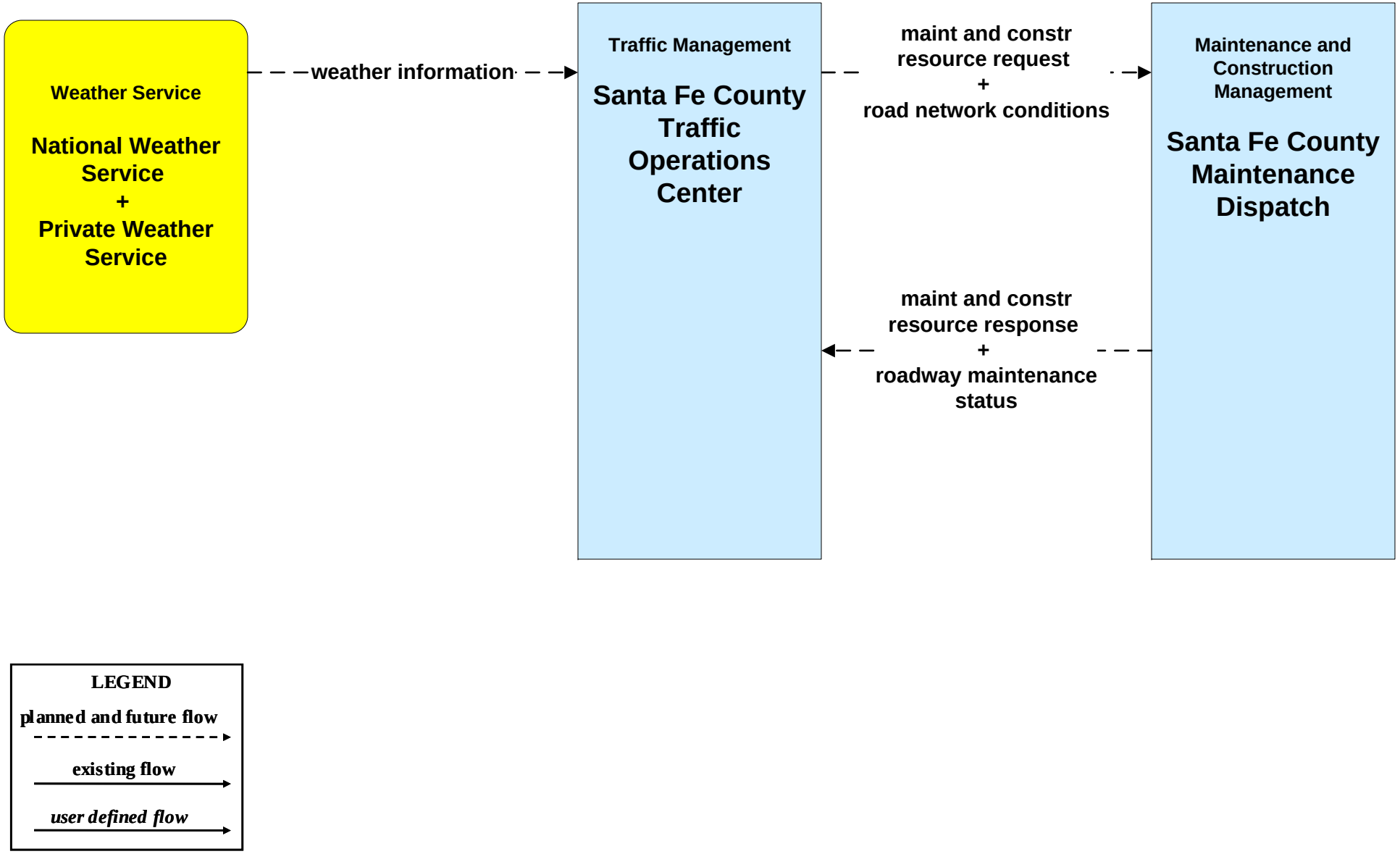
ATMS08 - Incident Management
City of Santa Fe (TM to MCM)



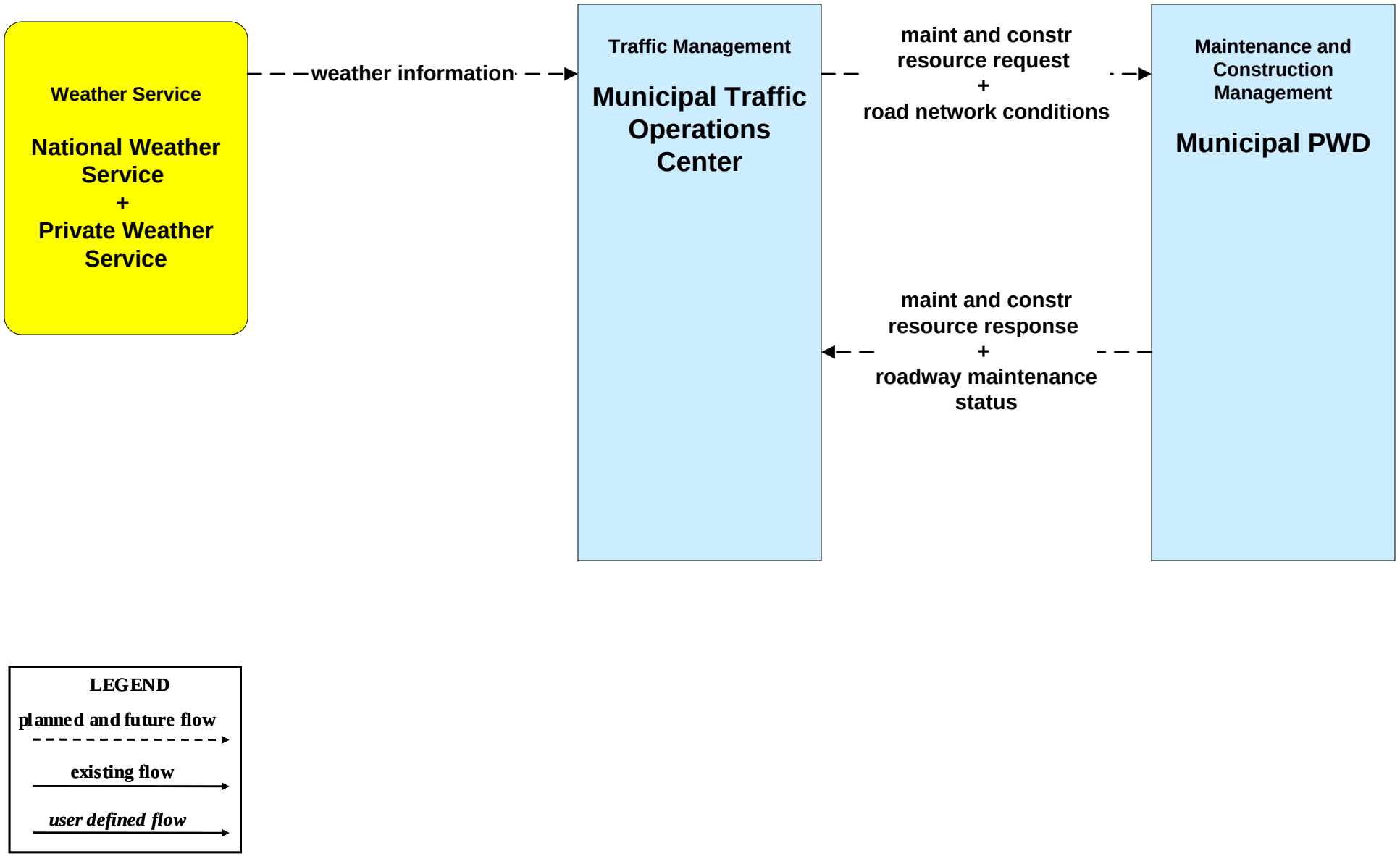
ATMS08 - Incident Management
NMDOT District 5 TMC (TM to MCM)



ATMS08 - Incident Management
Santa Fe County (TM to MCM)



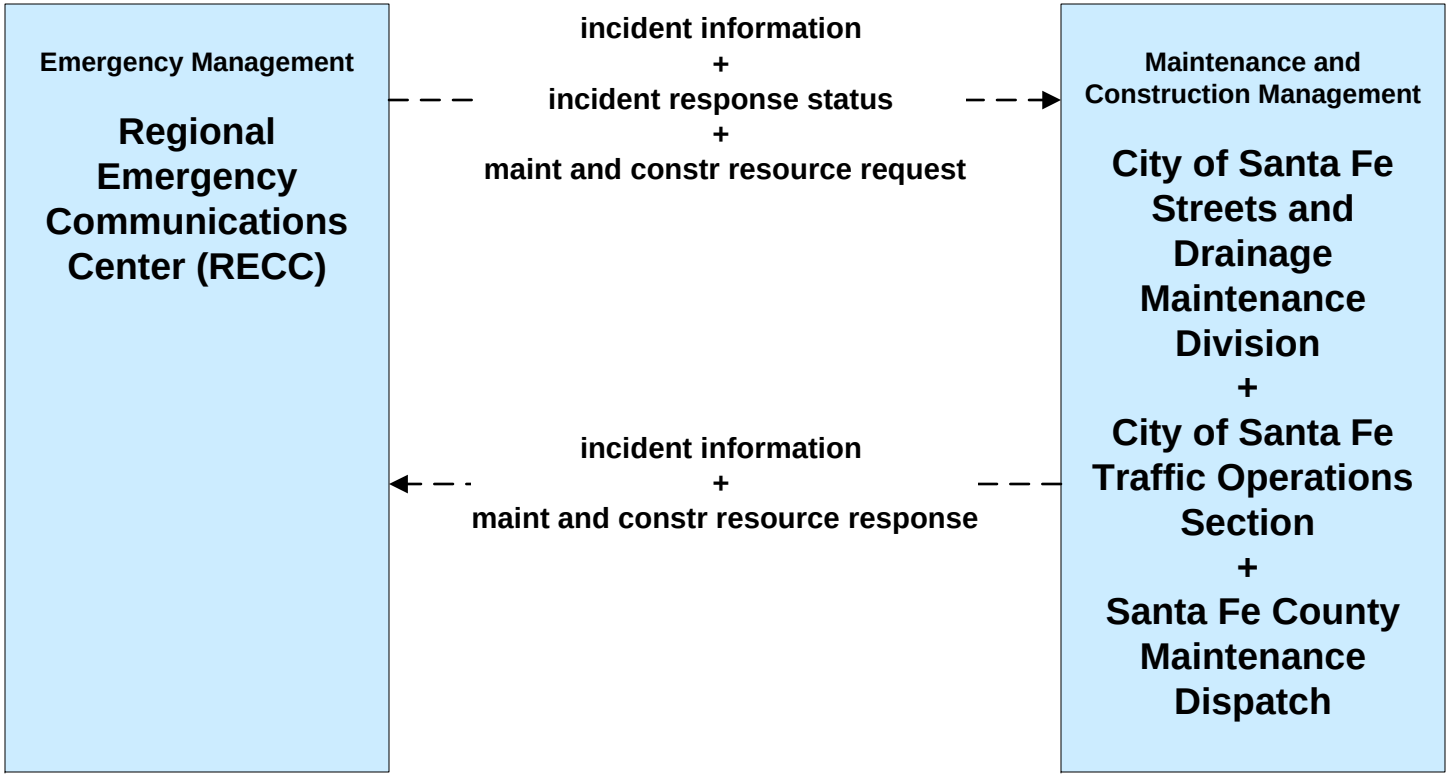
ATMS08 - Incident Management
Municipalities (TM to MCM)

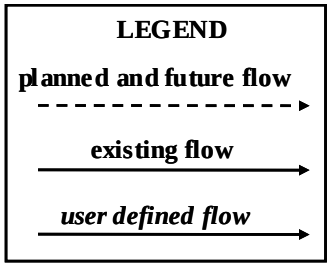


ATMS08 - Incident Management

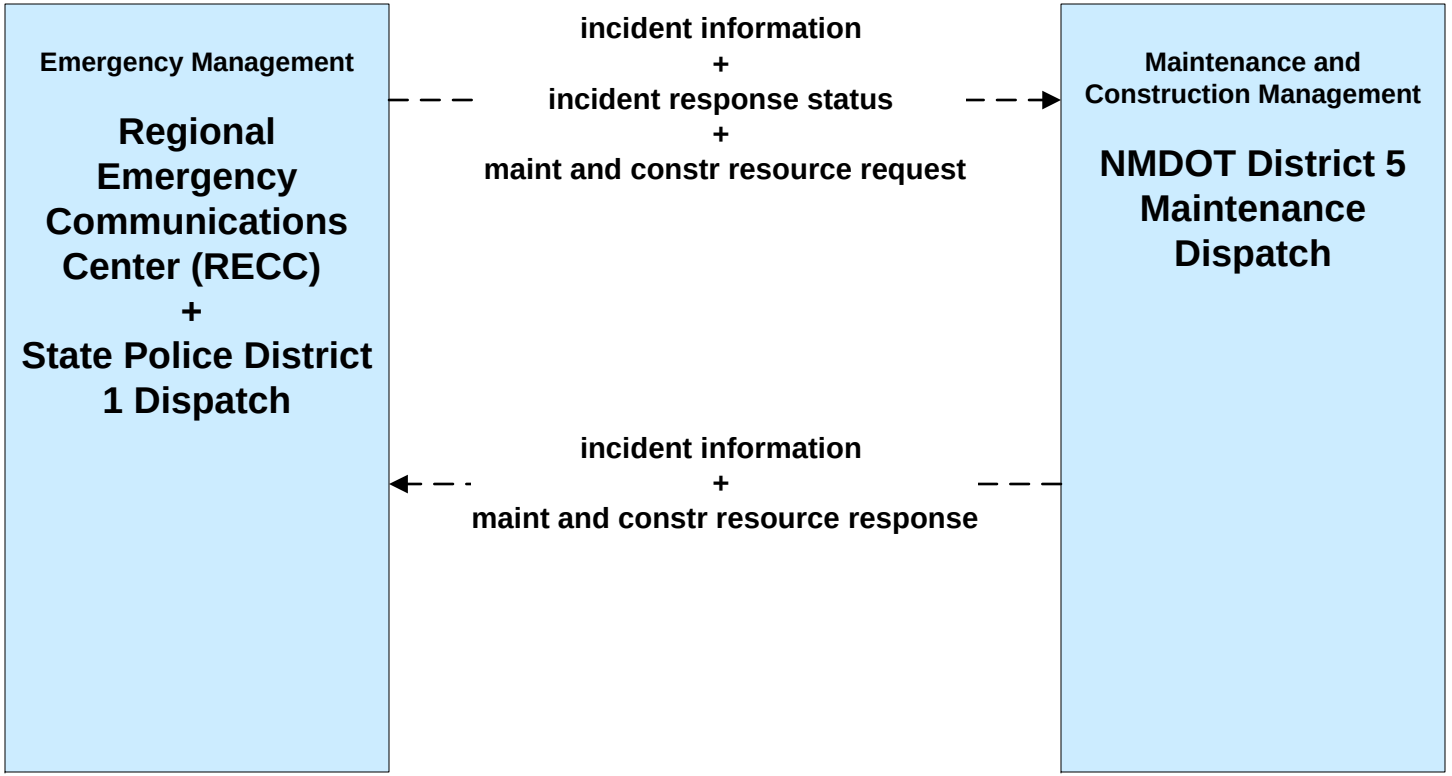
Emergency Management ←→ Maintenance and Construction Management

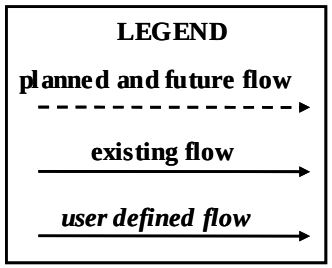
ATMS08 - Incident Management
Regional ECC (EM to MCM)



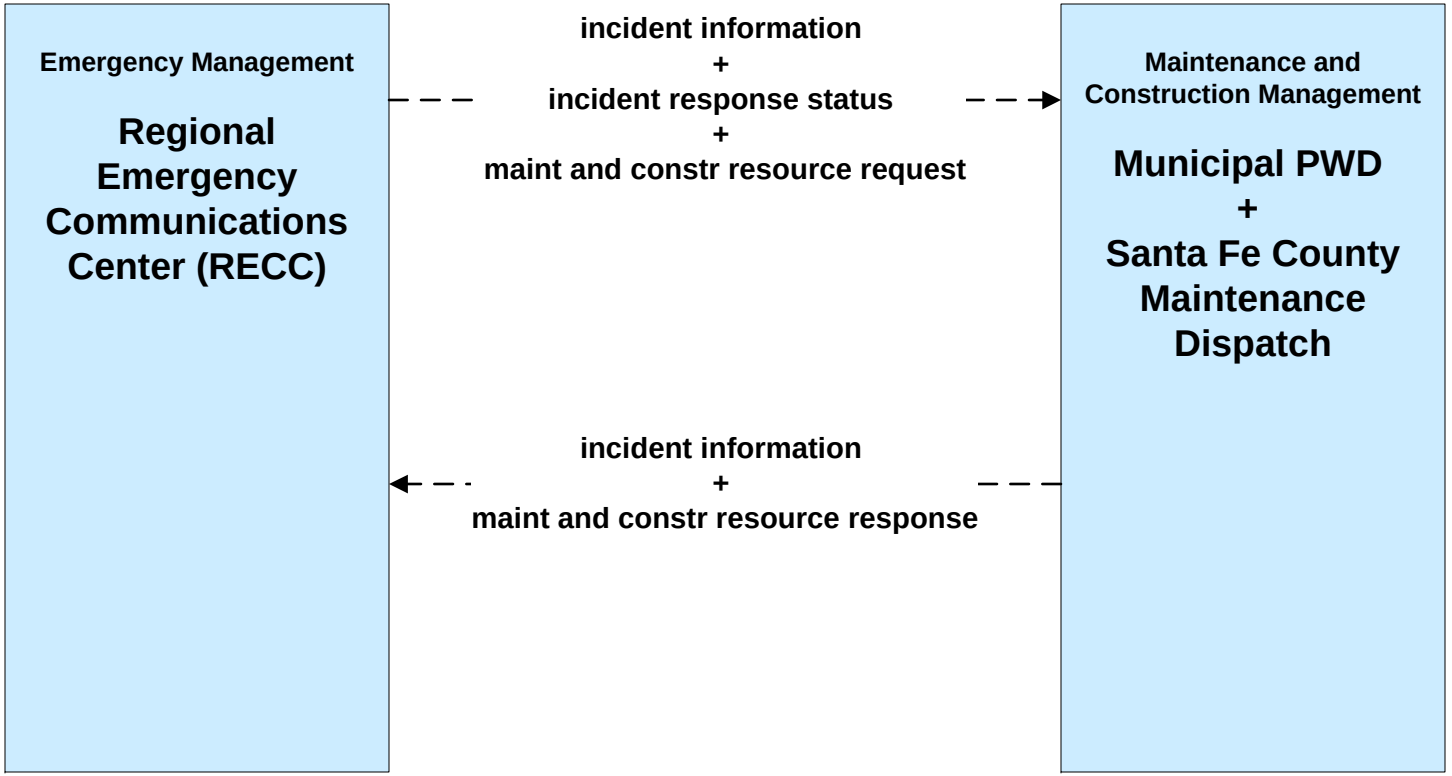


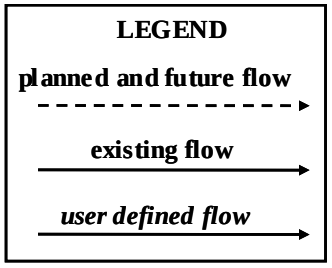
ATMS08 - Incident Management
NM State Police (EM to MCM)





ATMS08 - Incident Management
Municipalities (EM to MCM)

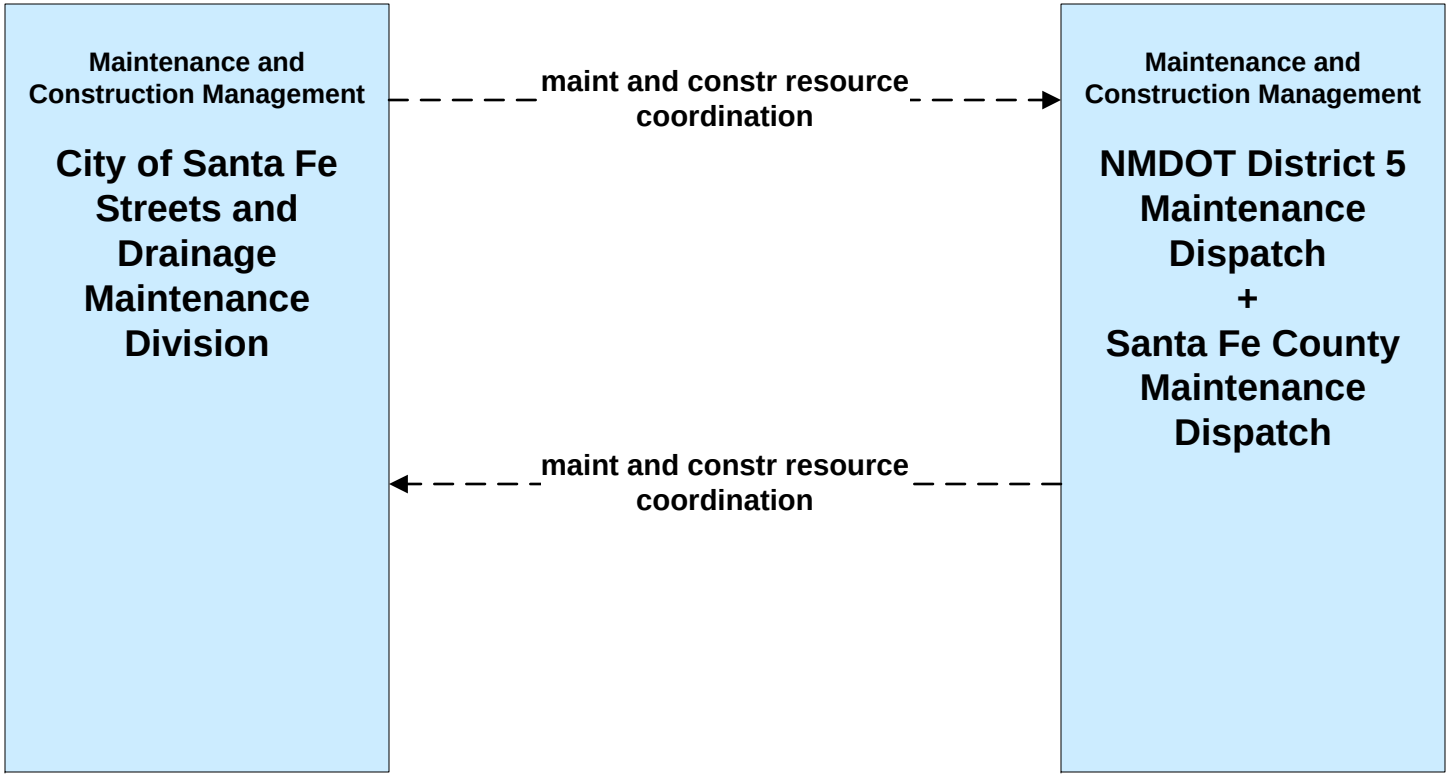




ATMS08 - Incident Management

Maintenance and Construction Management ←→ Maintenance and Construction Management

ATMS08 - Incident Management
City of Santa Fe (MCM to MCM)



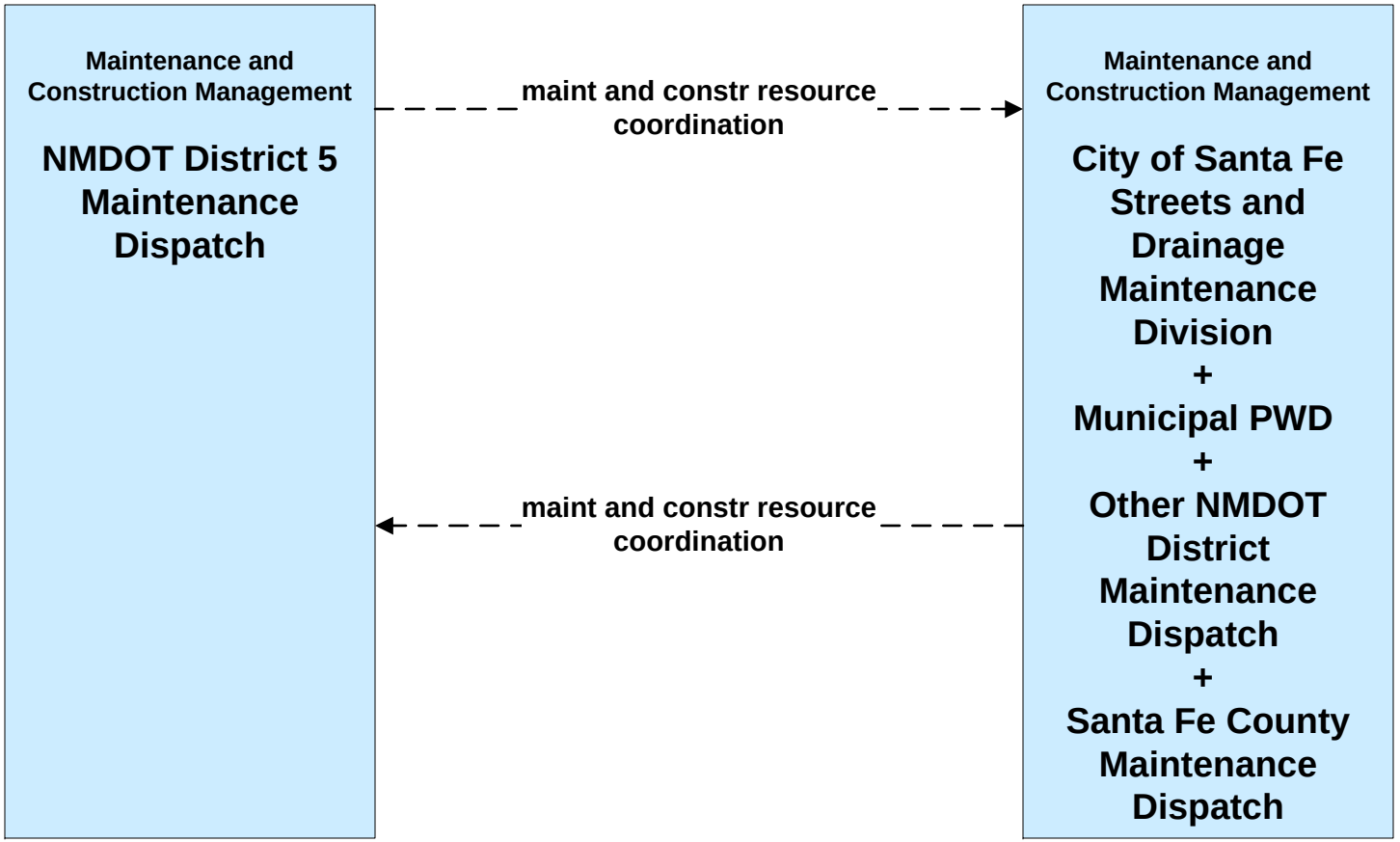
LEGEND

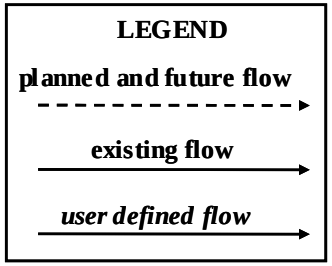
planned and future flow

existing flow

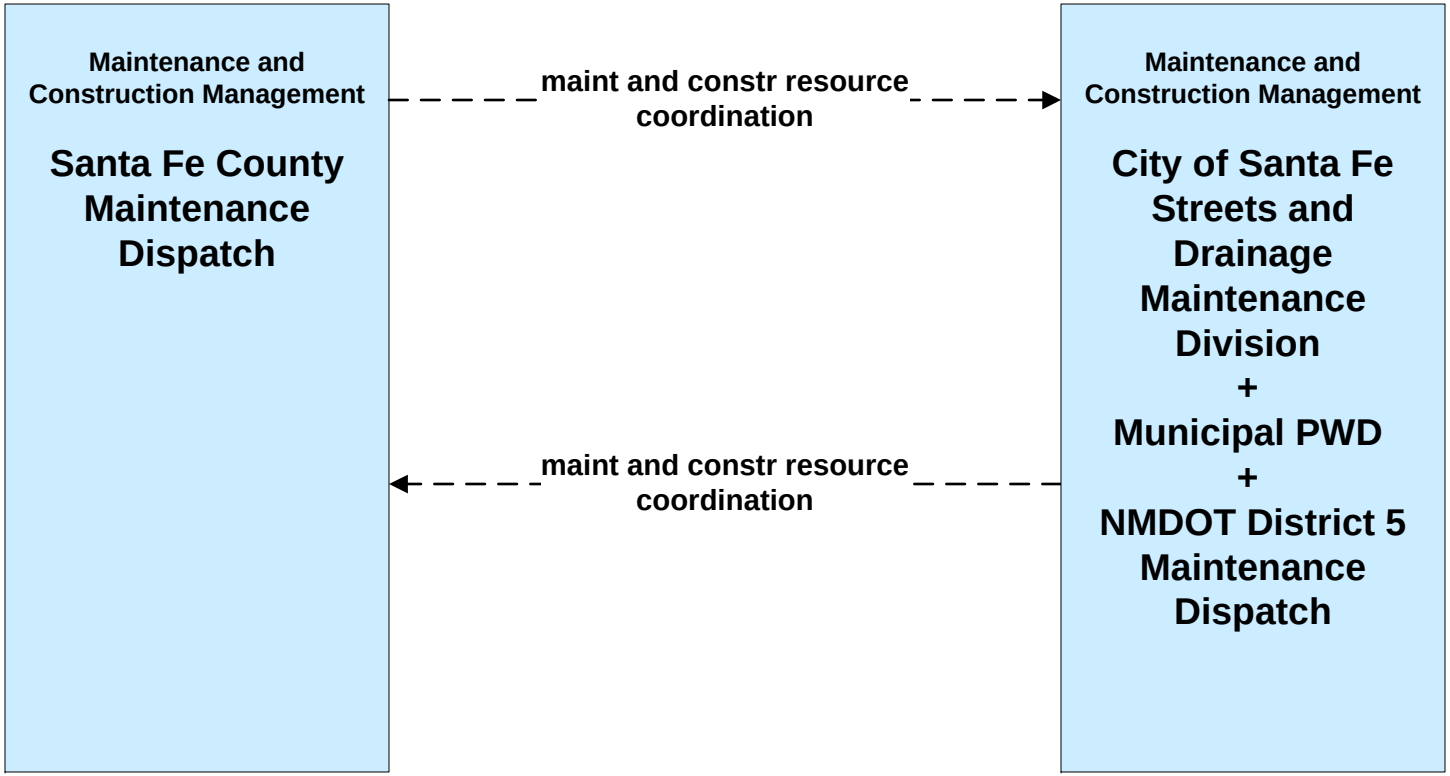
user defined flow

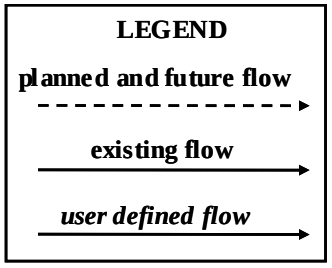
ATMS08 - Incident Management
NMDOT (MCM to MCM)



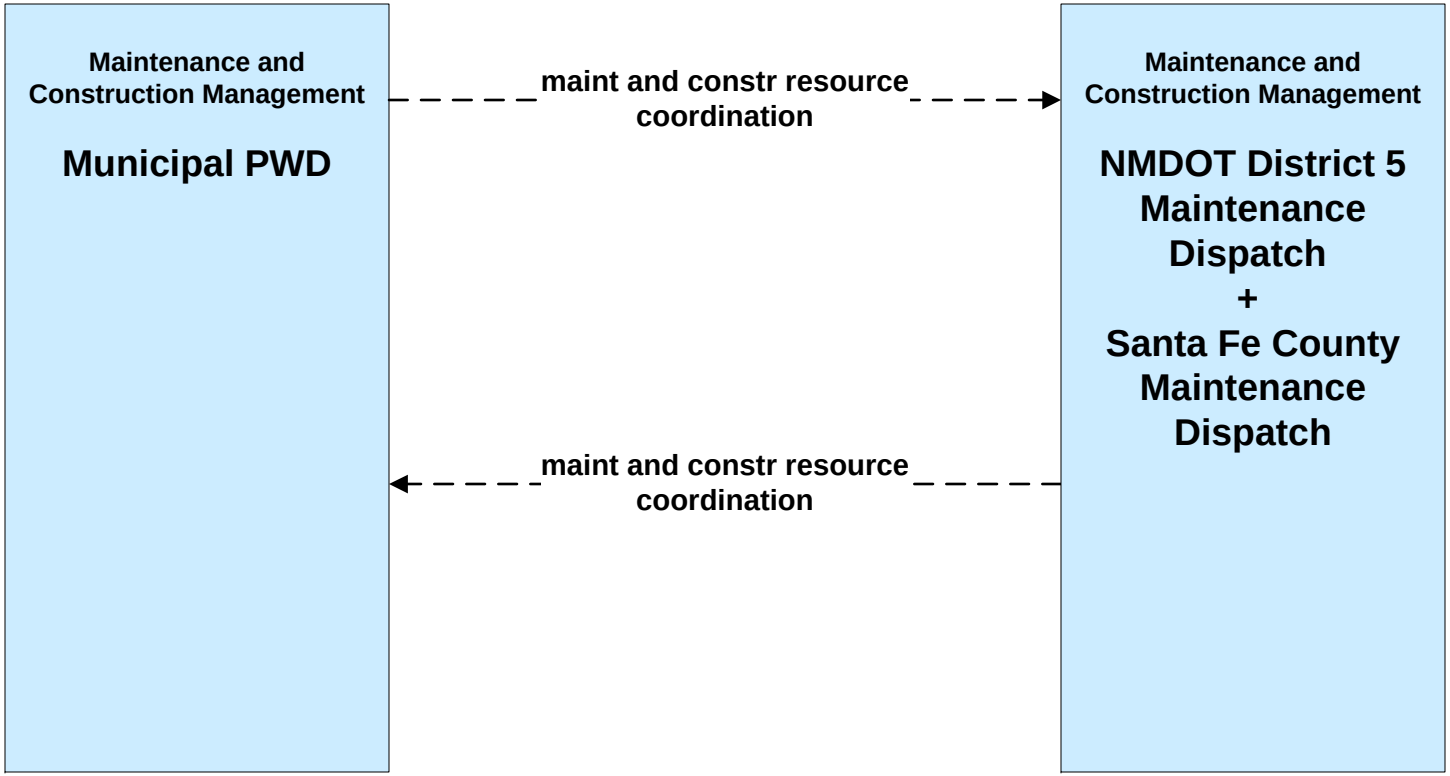


ATMS08 - Incident Management
Santa Fe County (MCM to MCM)





ATMS08 - Incident Management
Municipal PWD (MCM to MCM)



LEGEND

planned and future flow

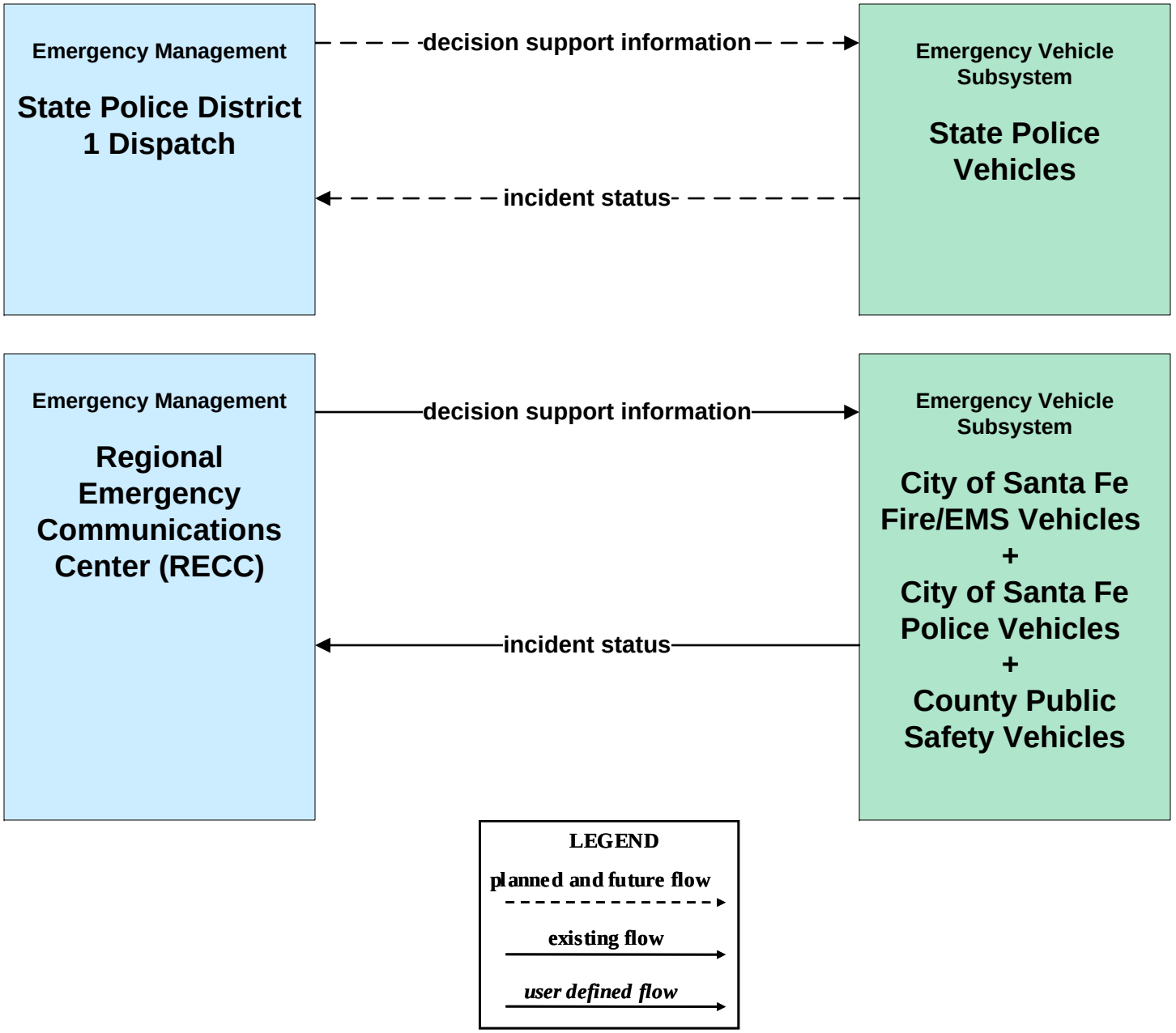
existing flow

user defined flow

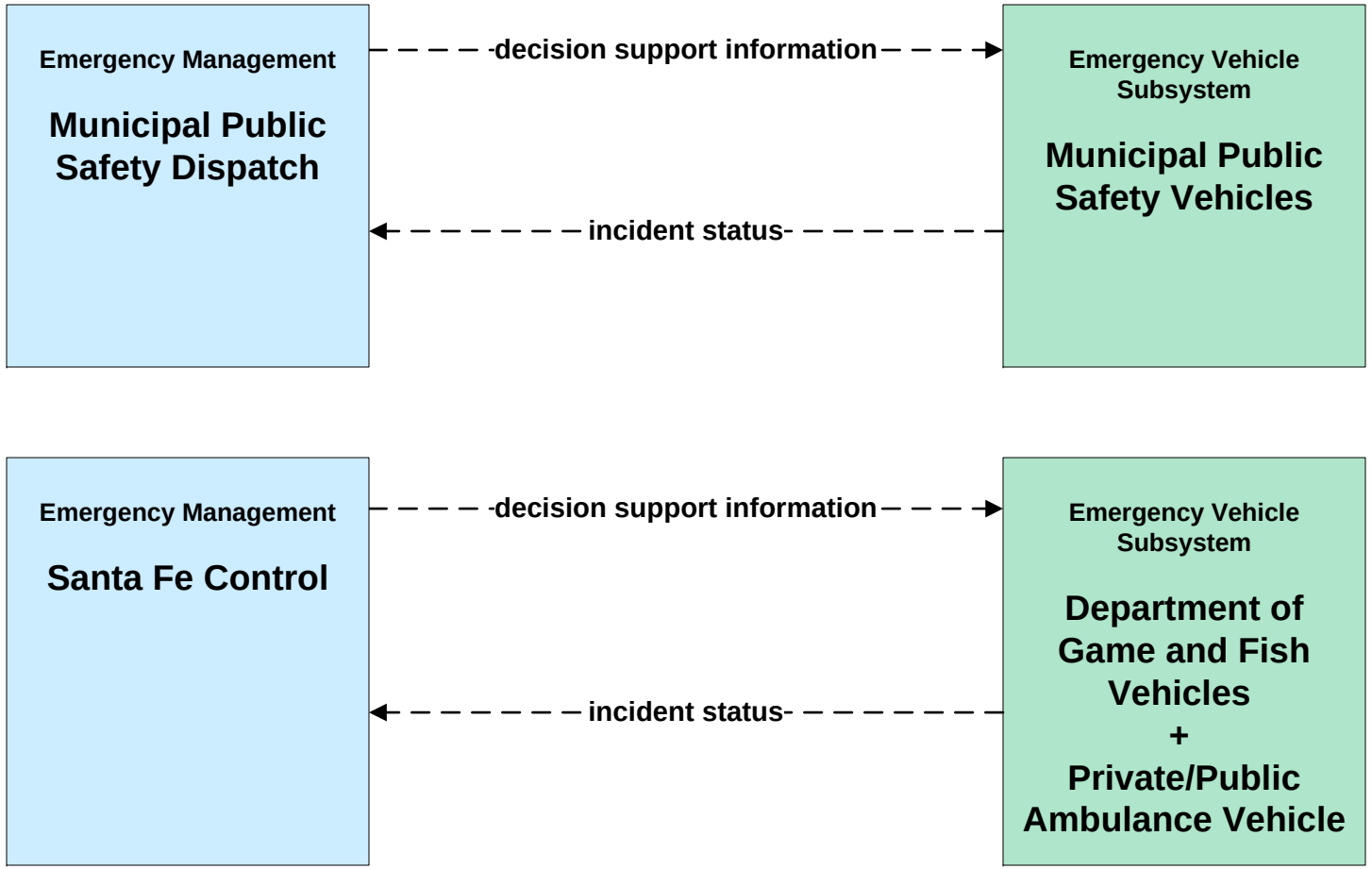
ATMS08 - Incident Management

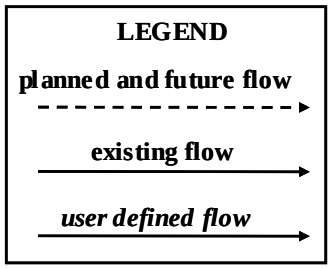
Emergency Management ←→ Emergency Vehicles

ATMS08 - Incident Management (EM to EVS)

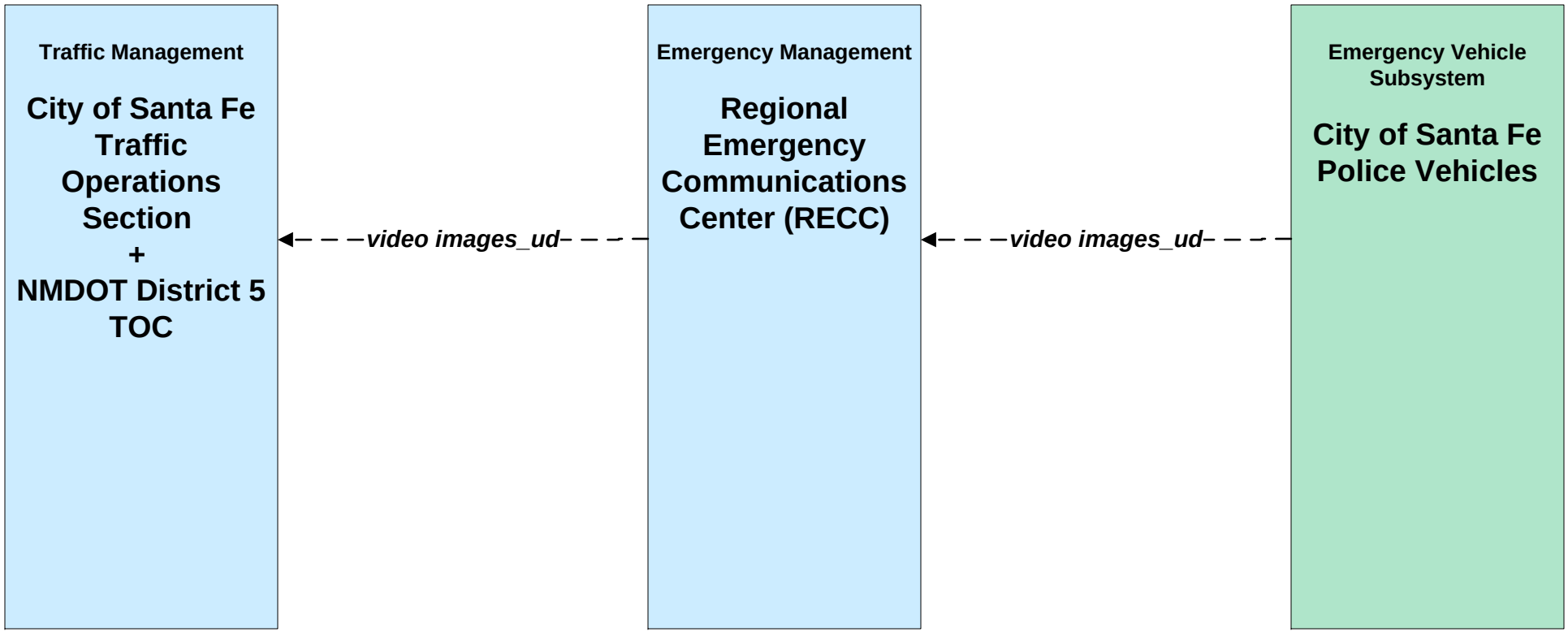


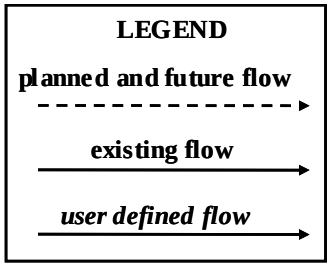
ATMS08 - Incident Management
(EM to EVS)



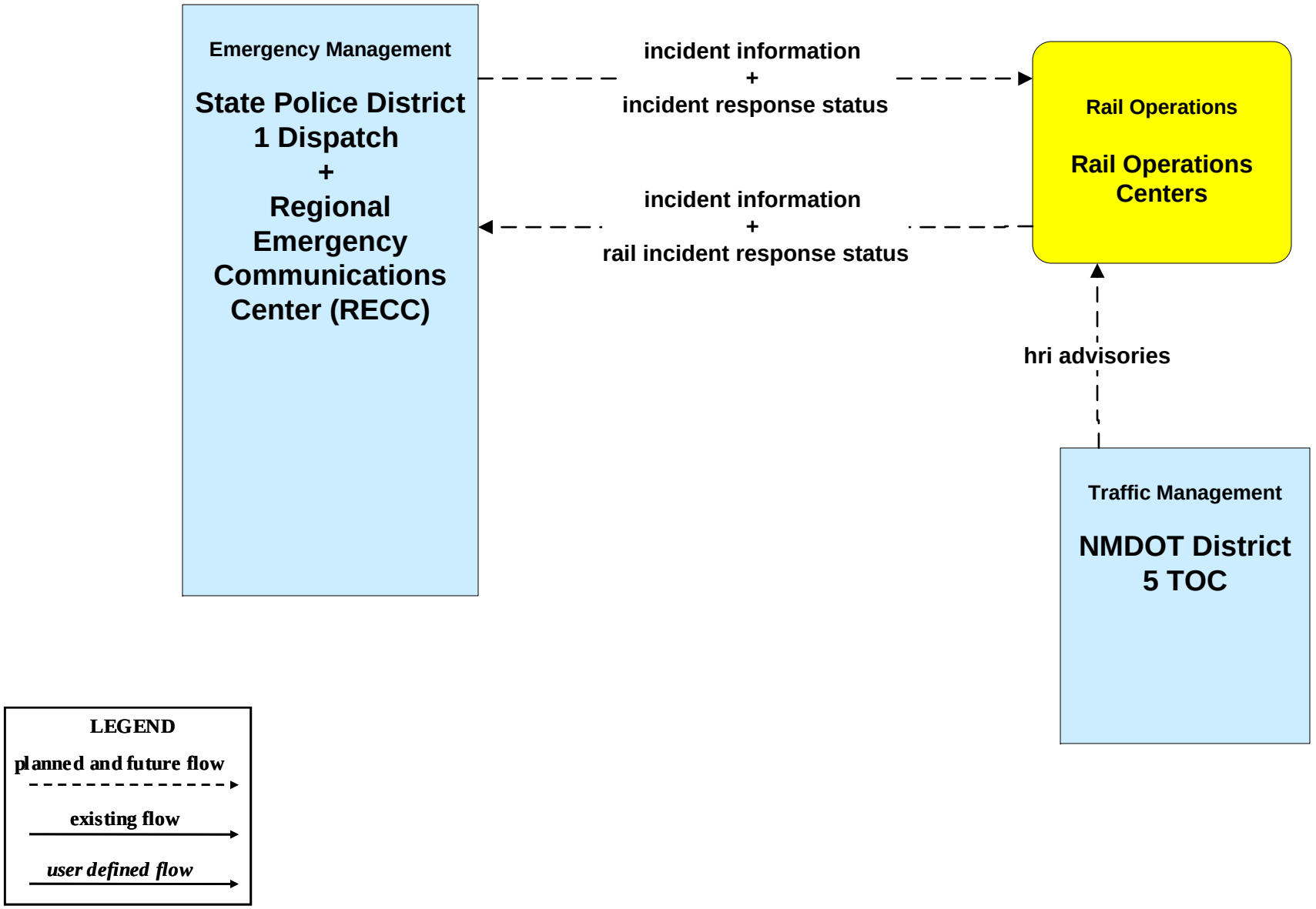


ATMS08 - Incident Management
(EM to EVS)

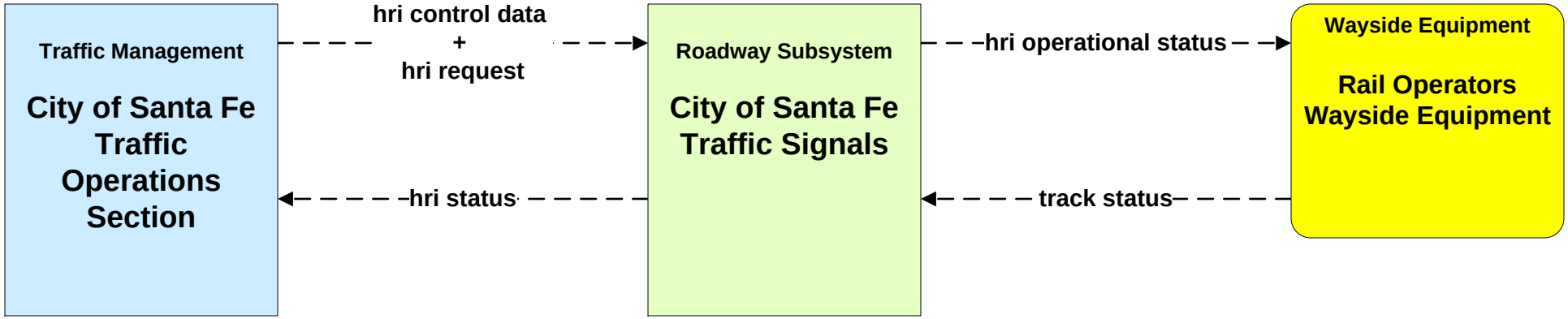


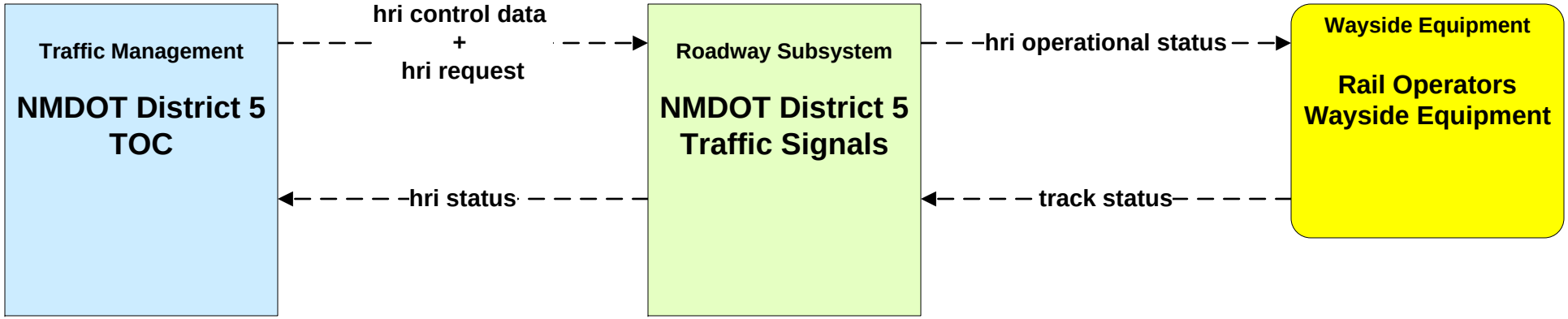


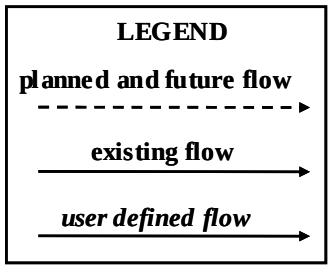
ATMS08 - Incident Management
Rail Operations Coordination



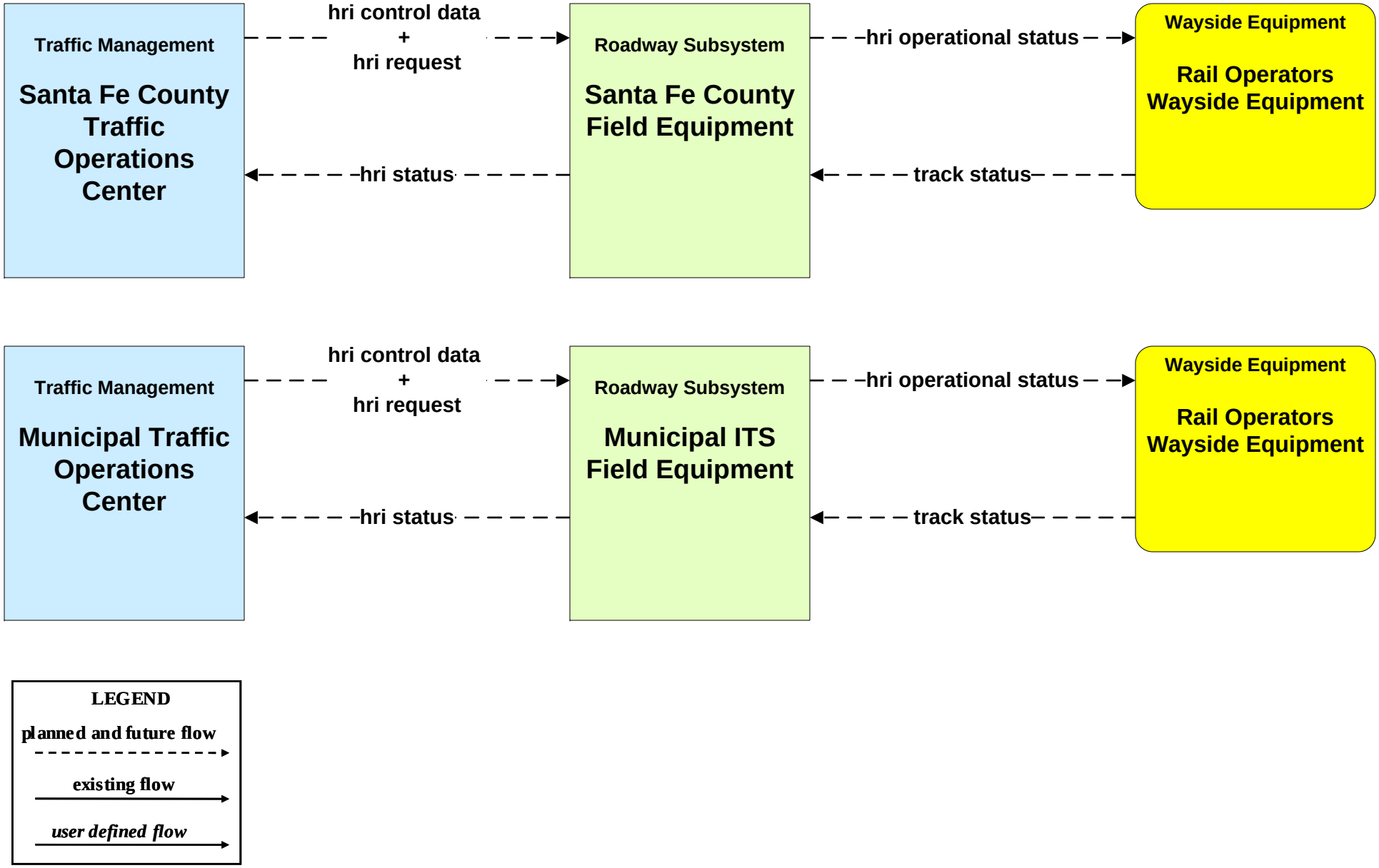
ATMS13 - Standard Railroad Crossing
NMDOT/City of Santa Fe



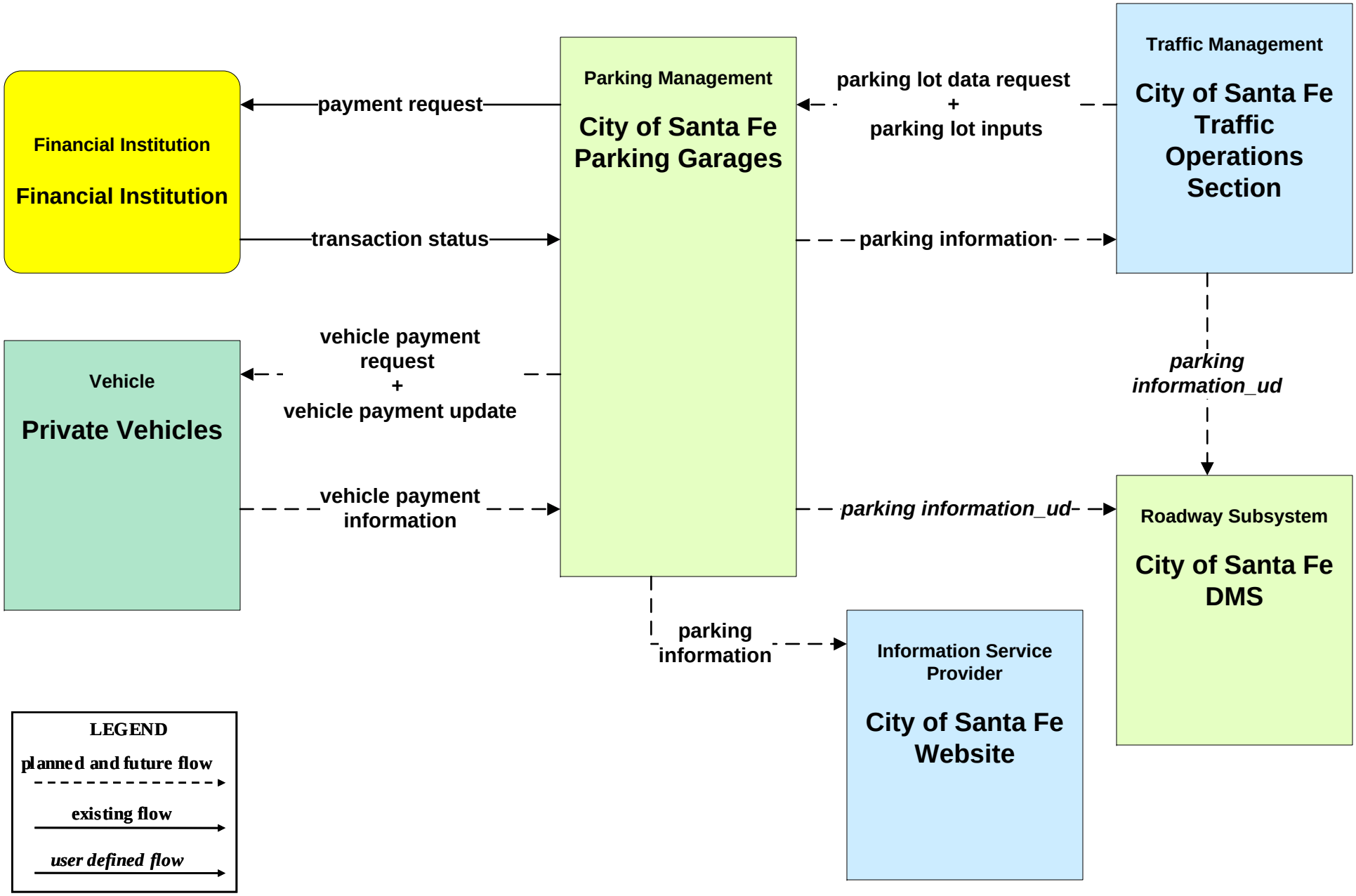




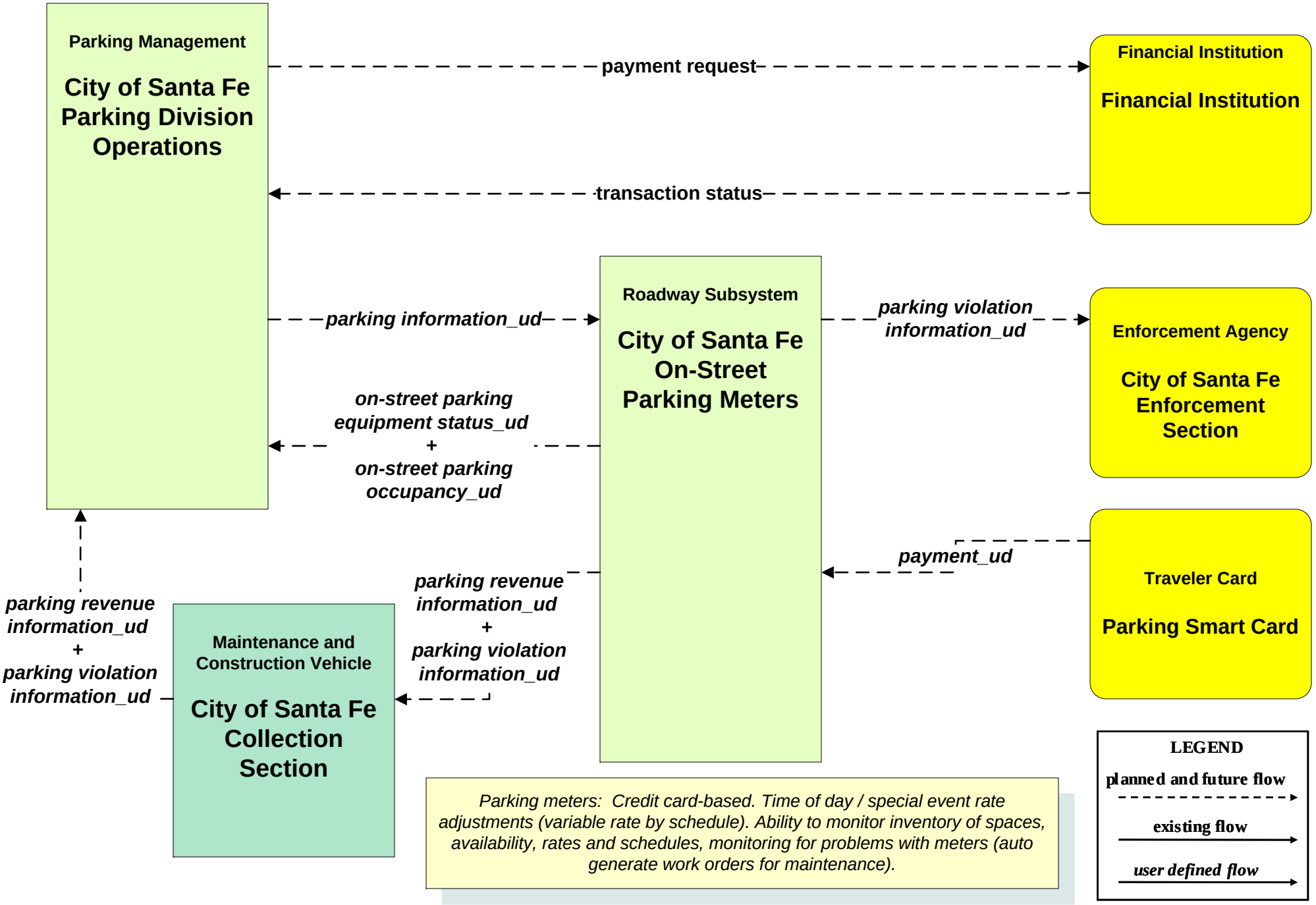
ATMS13 - Standard Railroad Crossing
Municipalities



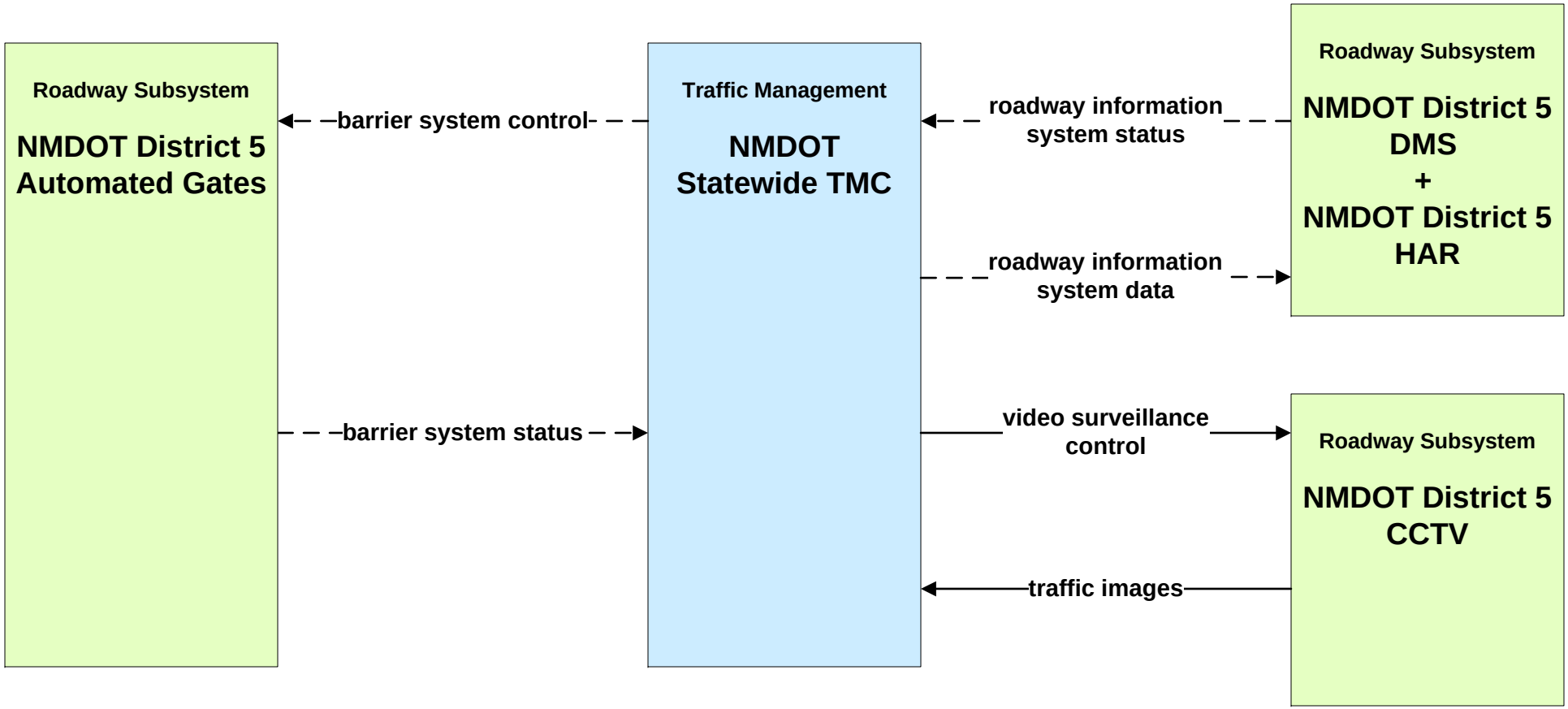
ATMS16 - Parking Facility Management
City of Santa Fe

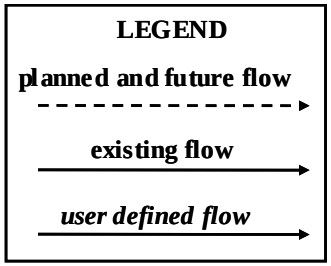


ATMS16 - Parking Facility Management
City of Santa Fe On Street Parking

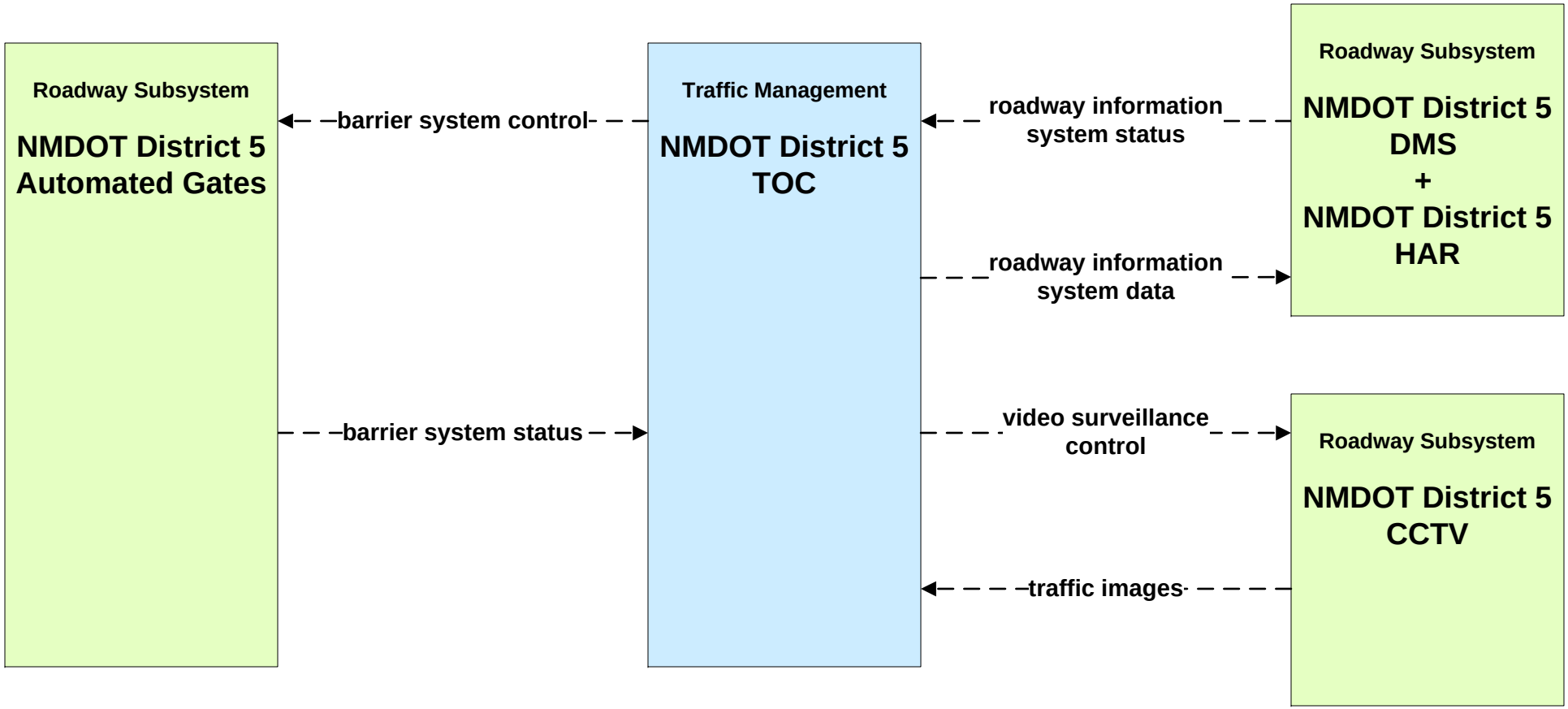


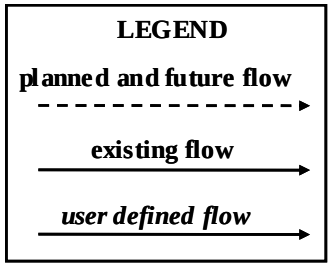
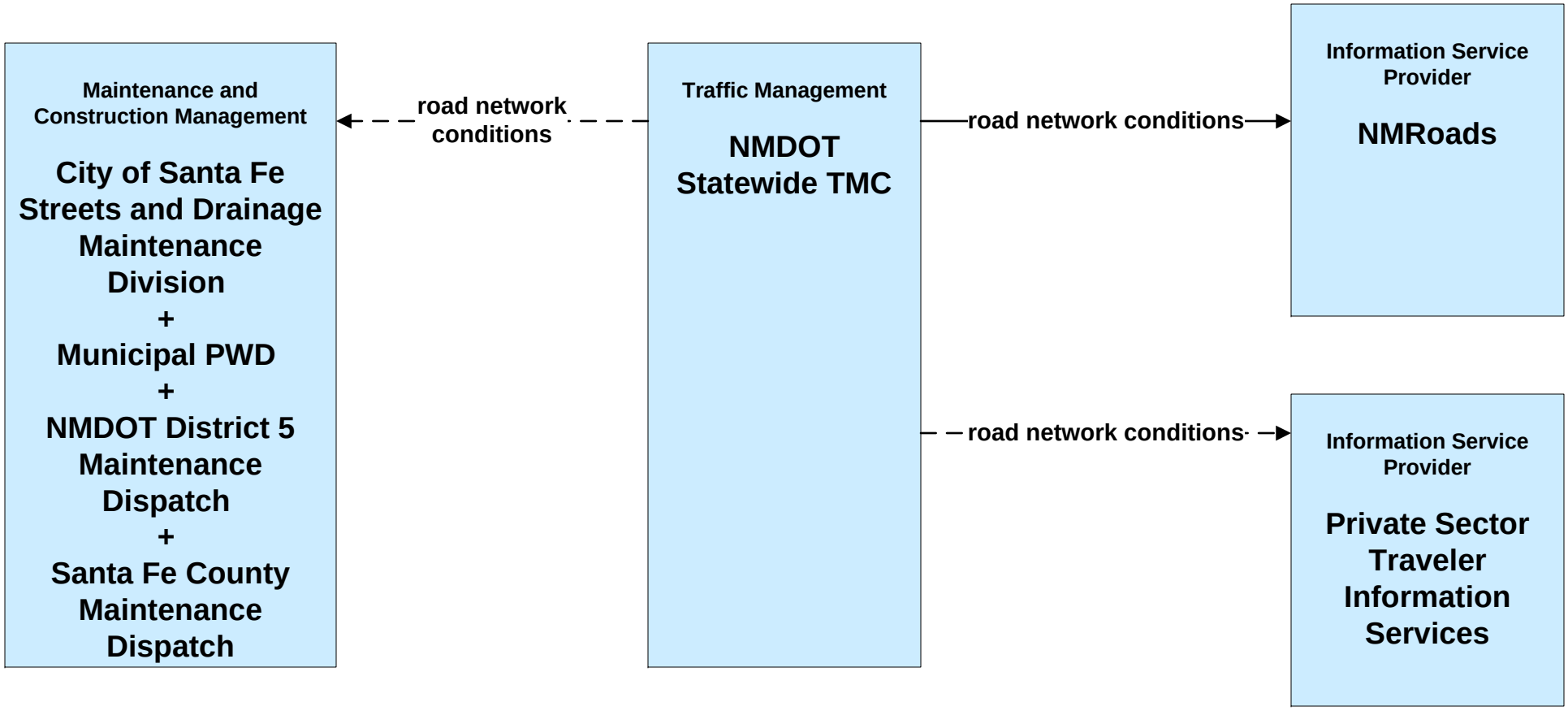
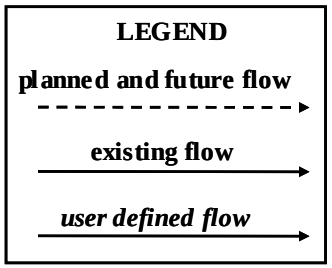
ATMS21 - Roadway Closure Management
NMDOT (1 of 3)





ATMS21 - Roadway Closure Management
NMDOT (2 of 3)





ATMS21 - Roadway Closure Management
NMDOT (3 of 3)