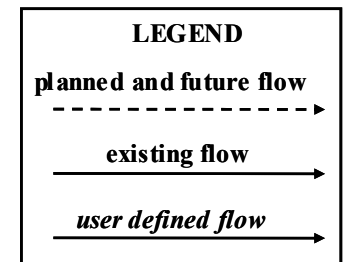
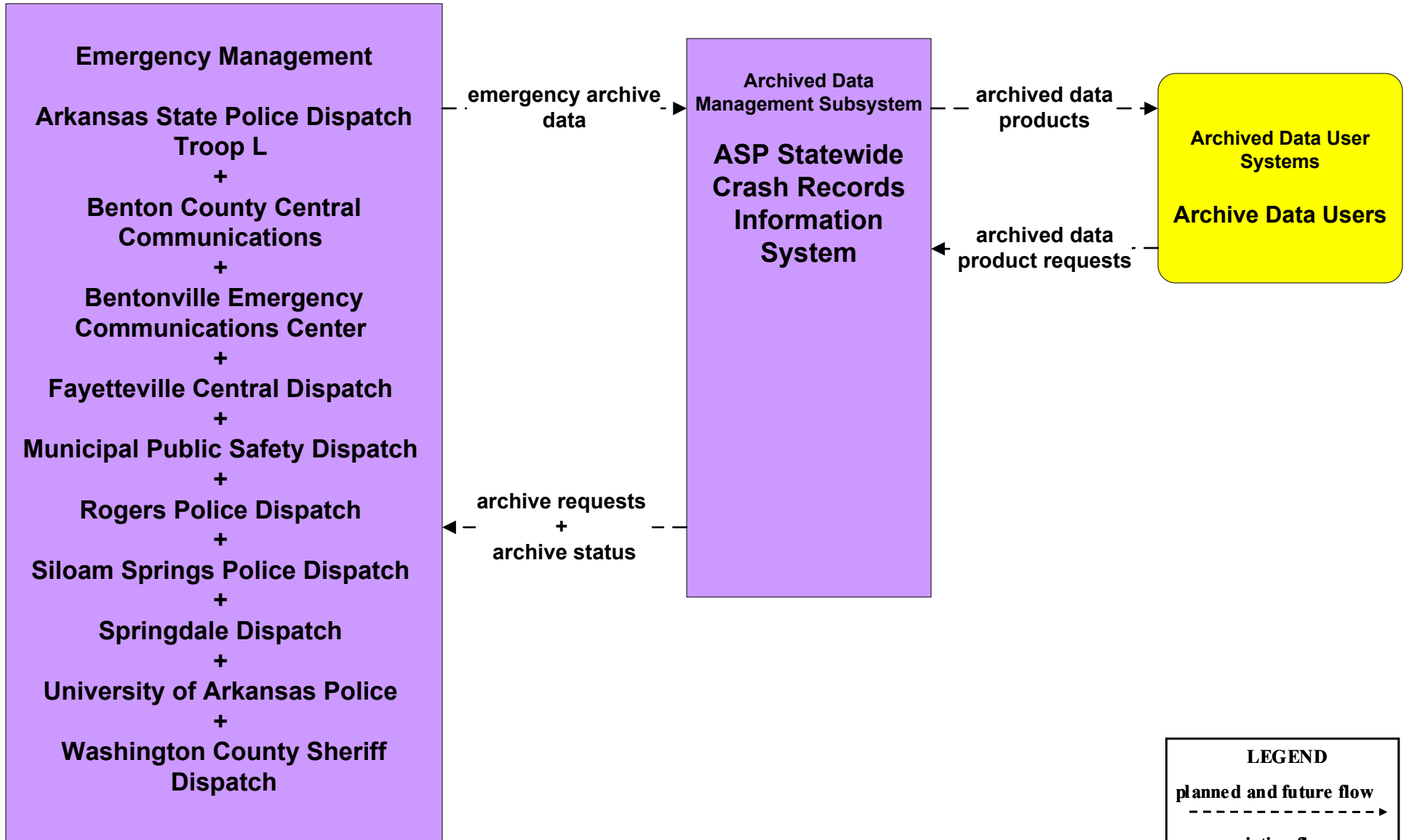
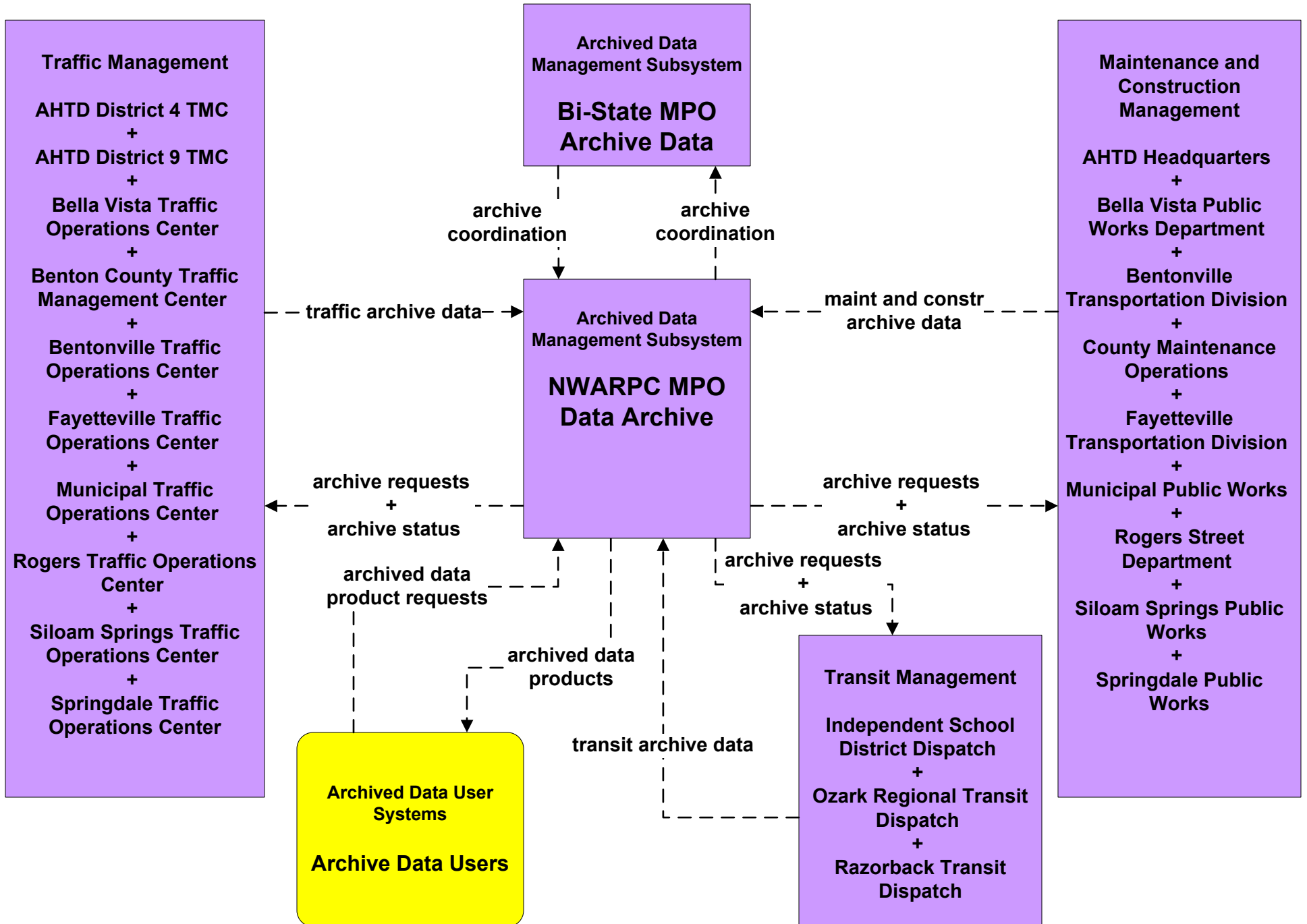


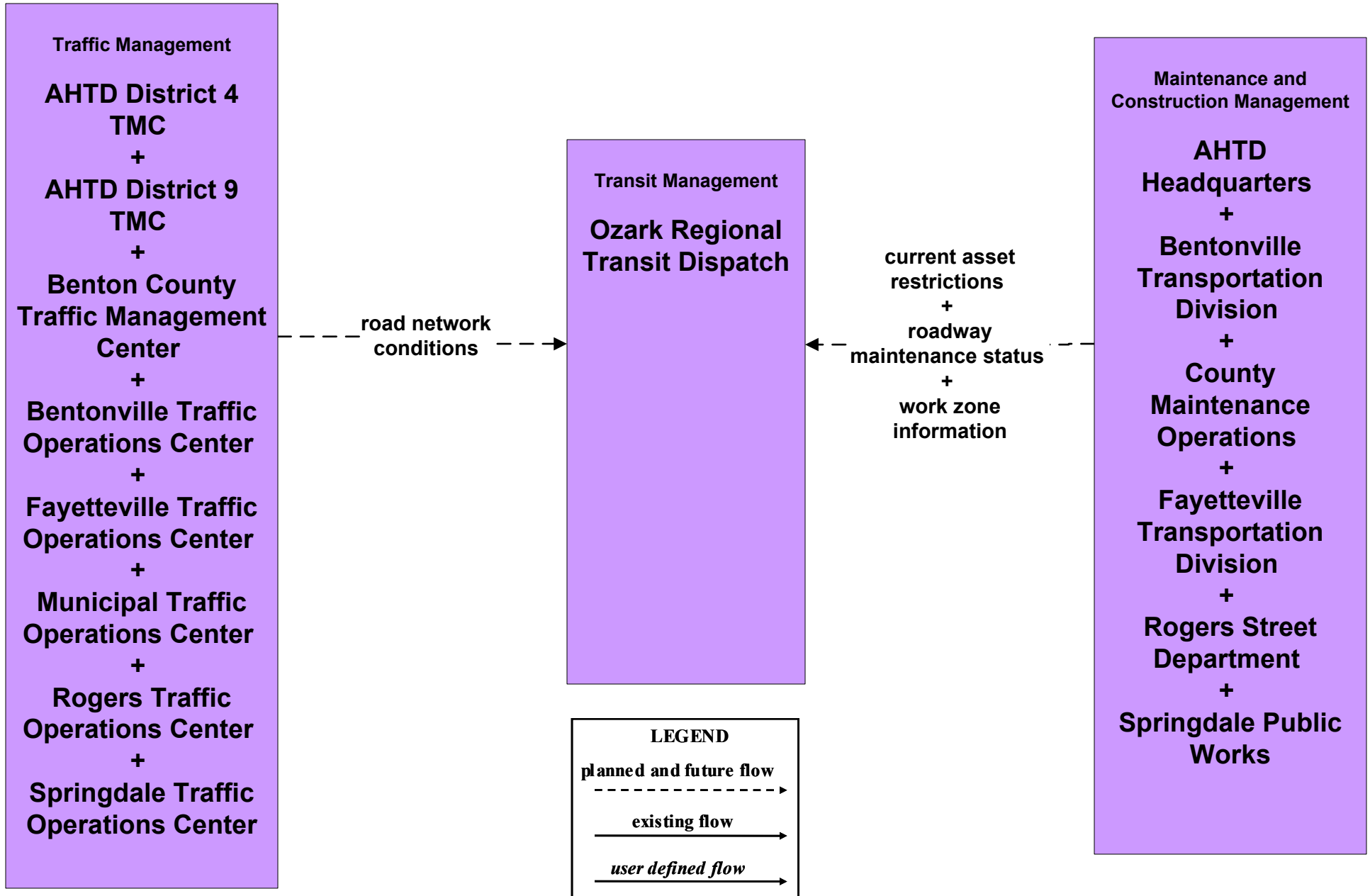
AD1 - ITS Data Mart
ASP Statewide Crash Records Information System (Arkansas)



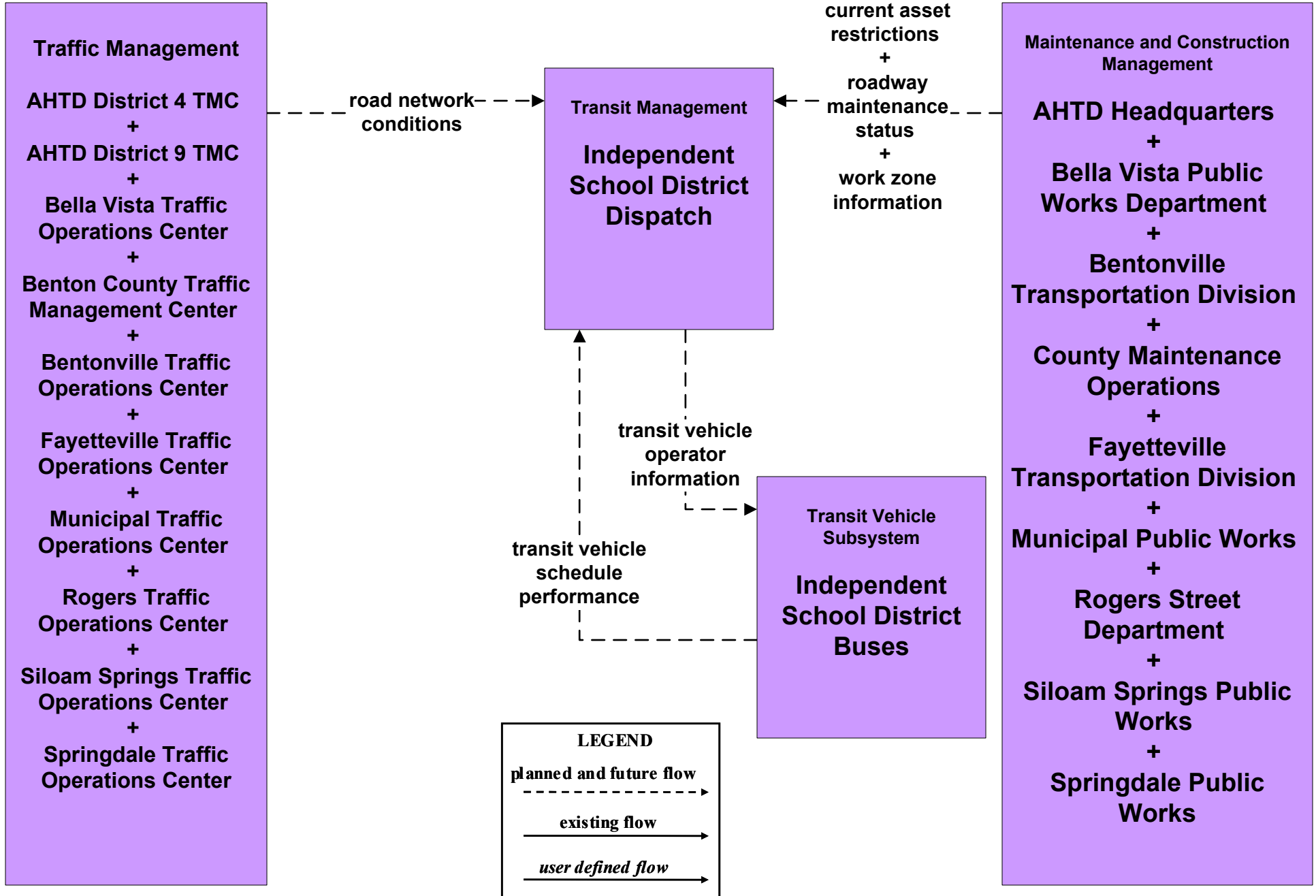
AD2 - ITS Data Warehouse Northwest Arkansas MPO Data Archive



**APTS2 - Transit Fixed-Route Operations
Ozark Regional Transit (2 of 2)**



APTS2 - Transit Fixed-Route Operations Independent School Districts

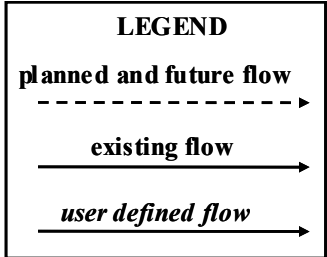


**APTS3 - Demand Response Transit Operations
Ozark Regional Transit (2 of 2)**

Traffic Management
**AHTD District 4
TMC**
 +
**AHTD District 9
TMC**
 +
**Benton County
Traffic Management
Center**
 +
**Bentonville Traffic
Operations Center**
 +
**Fayetteville Traffic
Operations Center**
 +
**Municipal Traffic
Operations Center**
 +
**Rogers Traffic
Operations Center**
 +
**Springdale Traffic
Operations Center**

--- road network
conditions --->

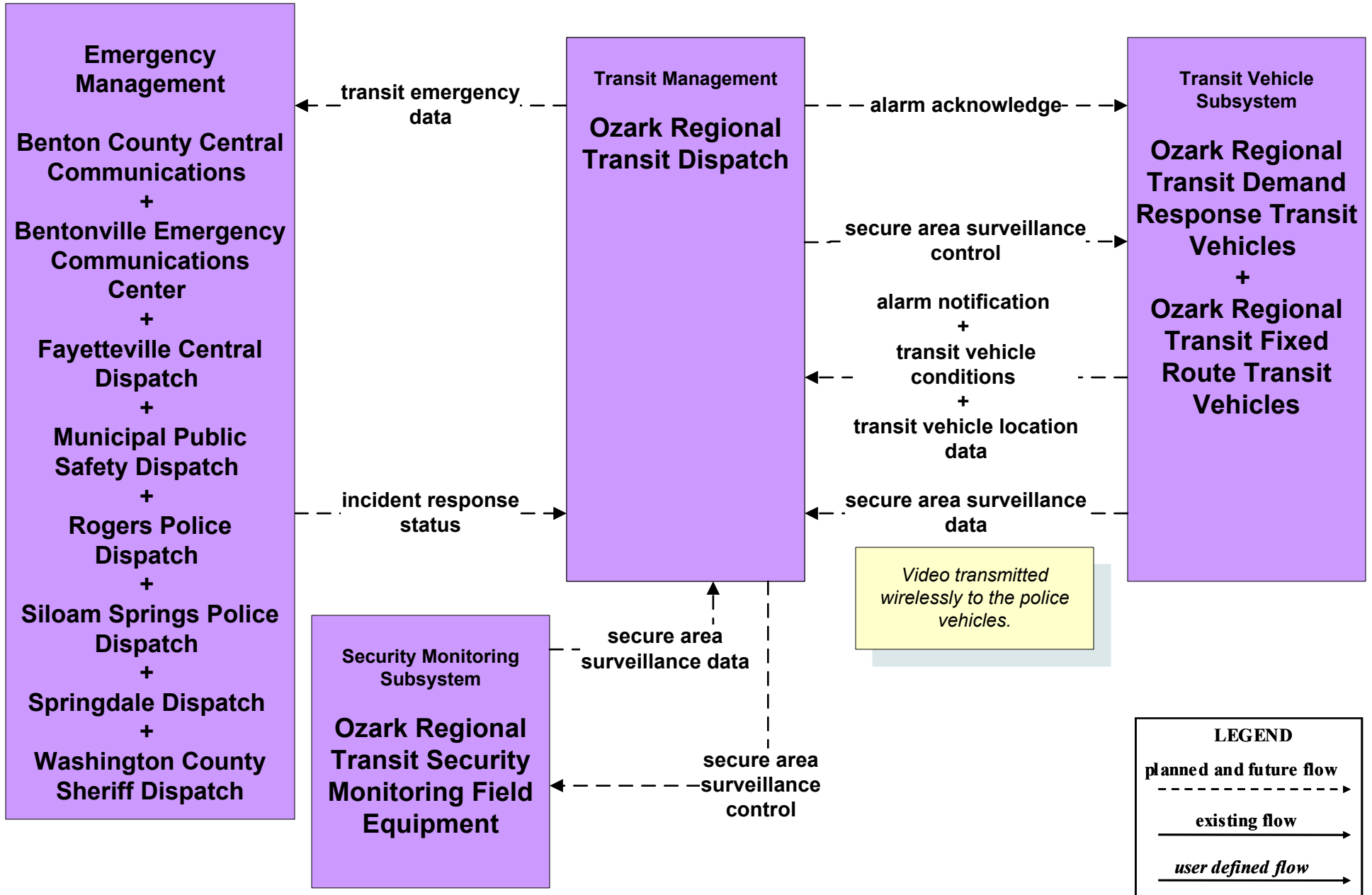
Transit Management
**Ozark Regional
Transit Dispatch**



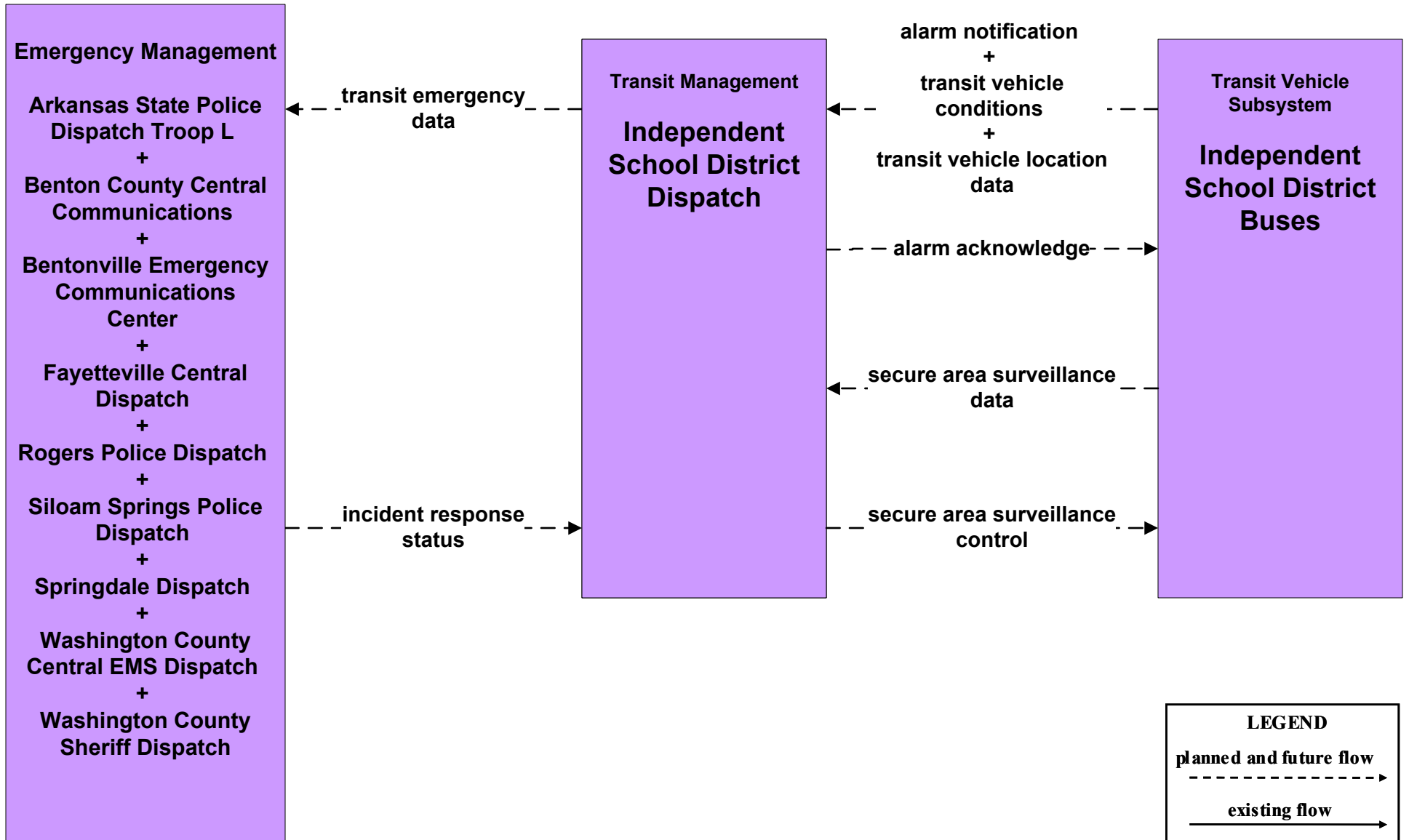
← **current asset
restrictions**
 +
**roadway
maintenance status**
 +
**work zone
information** ←

**Maintenance and
Construction Management**
AHTD Headquarters
 +
**Bentonville
Transportation
Division**
 +
**County Maintenance
Operations**
 +
**Fayetteville
Transportation
Division**
 +
**Municipal Public
Works**
 +
**Rogers Street
Department**
 +
**Springdale Public
Works**

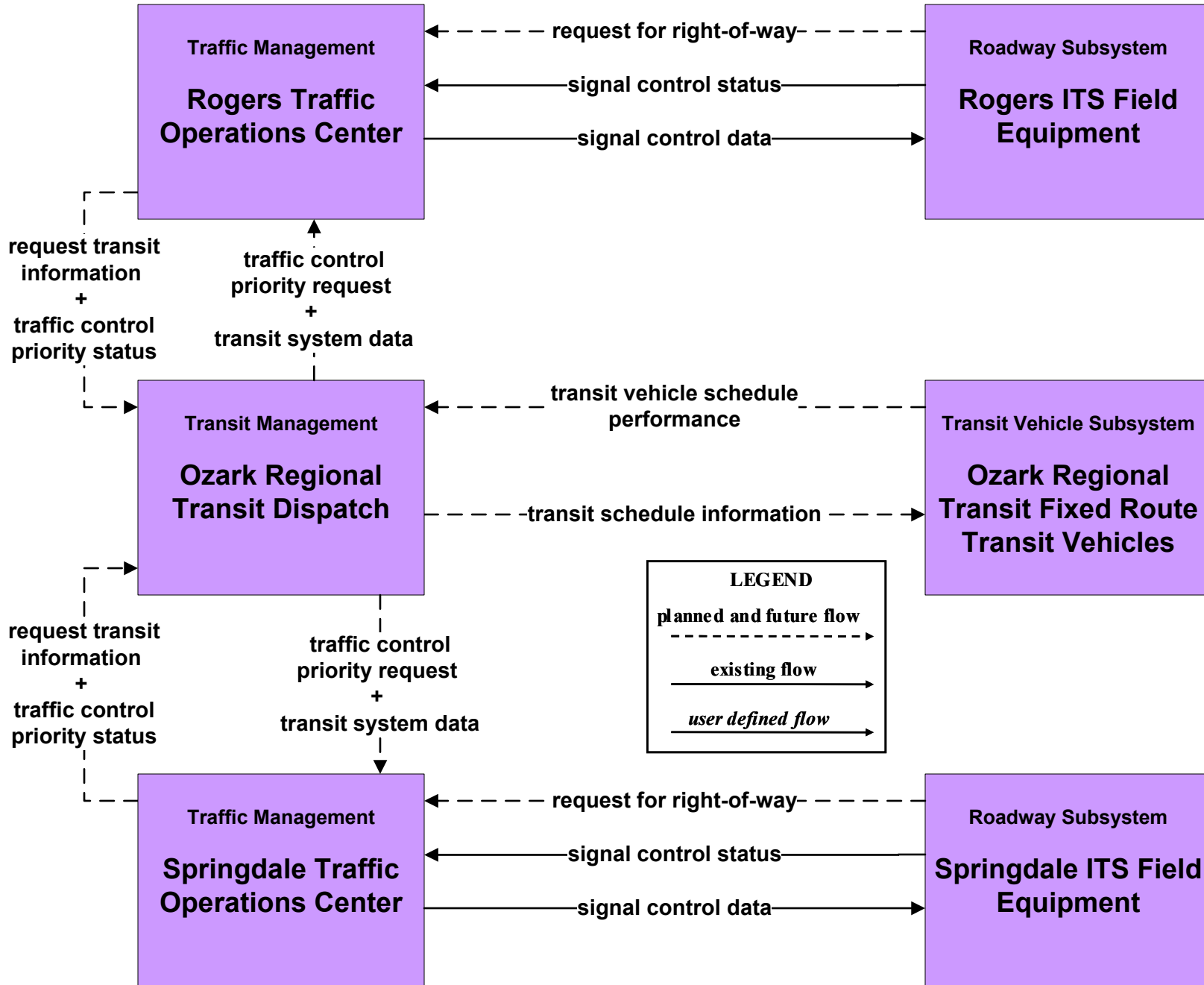
APTS5 - Transit Security Ozark Regional Transit



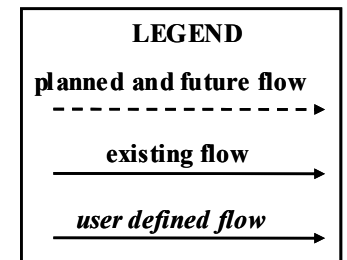
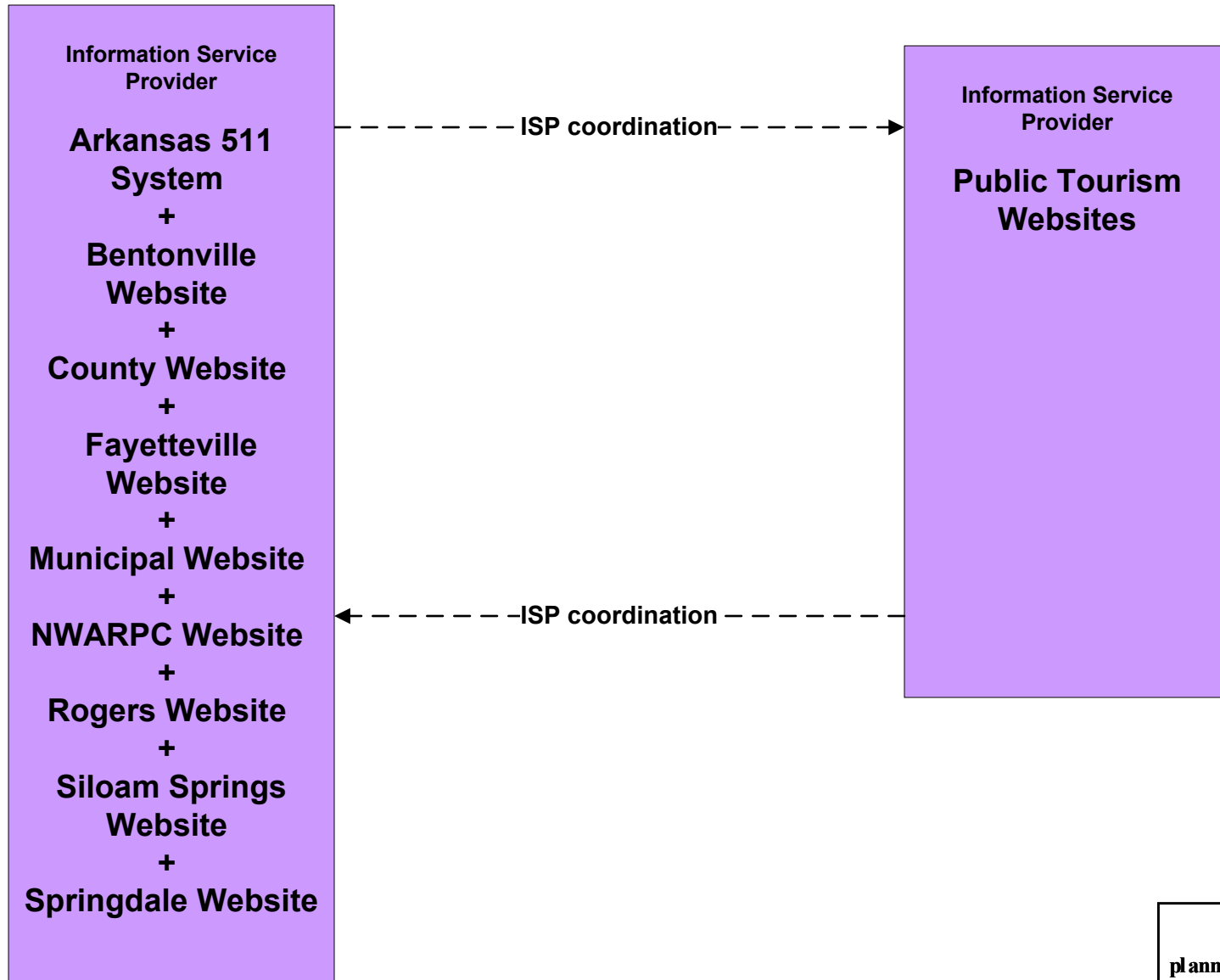
APTS5 - Transit Security Independent School Districts



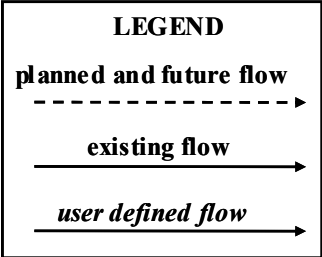
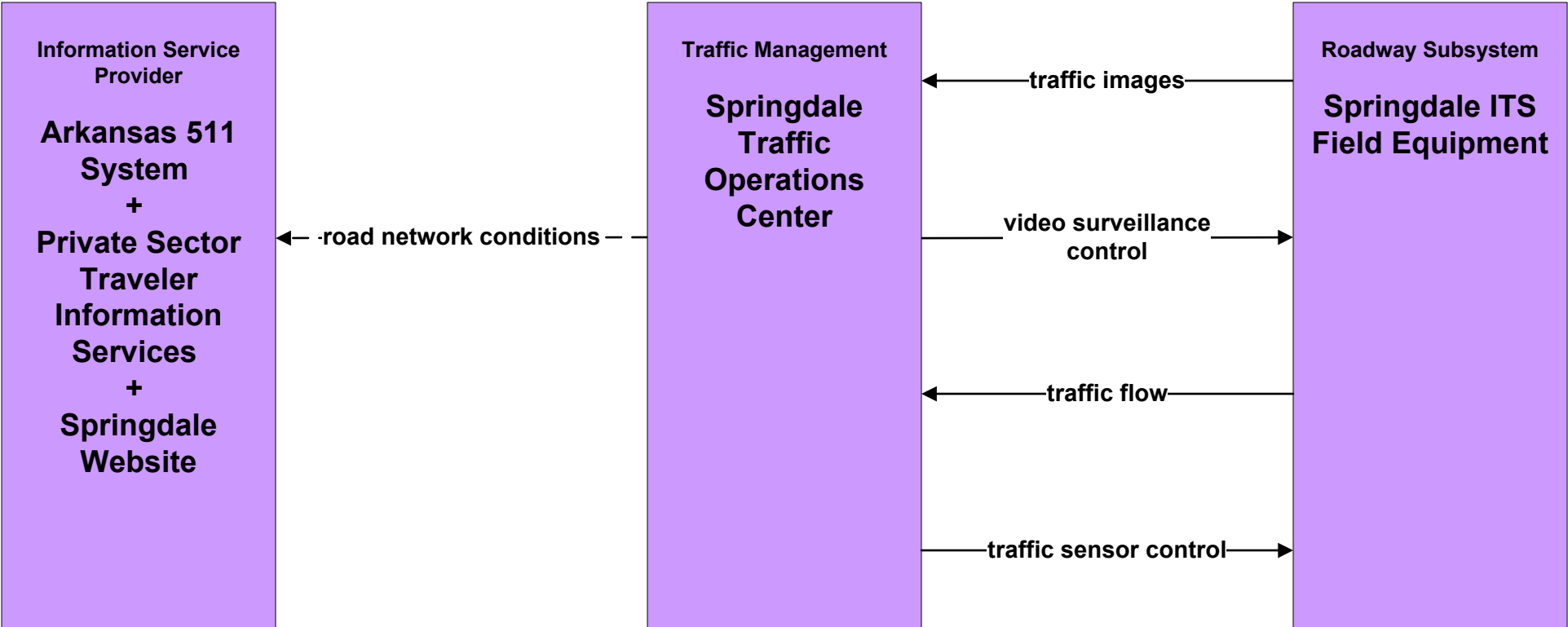
**APTS7 - Multi-modal Coordination
Ozark Regional Transit (4 of 5)**



**ATIS1 - Broadcast Traveler Information
Public Tourism Websites**



**ATMS01 - Network Surveillance
Springdale Traffic Operations Center**



ATMS01 - Network Surveillance
Northwest Arkansas Regional Joint Traffic Management Center

Information Service Provider

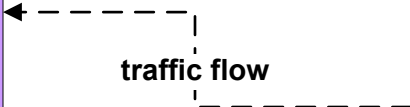
AHTD Public Information Office
 +
Arkansas 511 System
 +
NWARPC Website

Traffic Management

NW Arkansas Regional Joint Traffic Management Center

Roadway Subsystem

AHTD CCTV Cameras
 +
AHTD Field Equipment
 +
Bella Vista ITS Field Equipment
 +
Benton County ITS Field Equipment
 +
Bentonville ITS Field Equipment
 +
Fayetteville ITS Field Equipment
 +
Municipal ITS Field Equipment
 +
Rogers ITS Field Equipment
 +
Siloam Springs ITS Field Equipment
 +
Springdale ITS Field Equipment



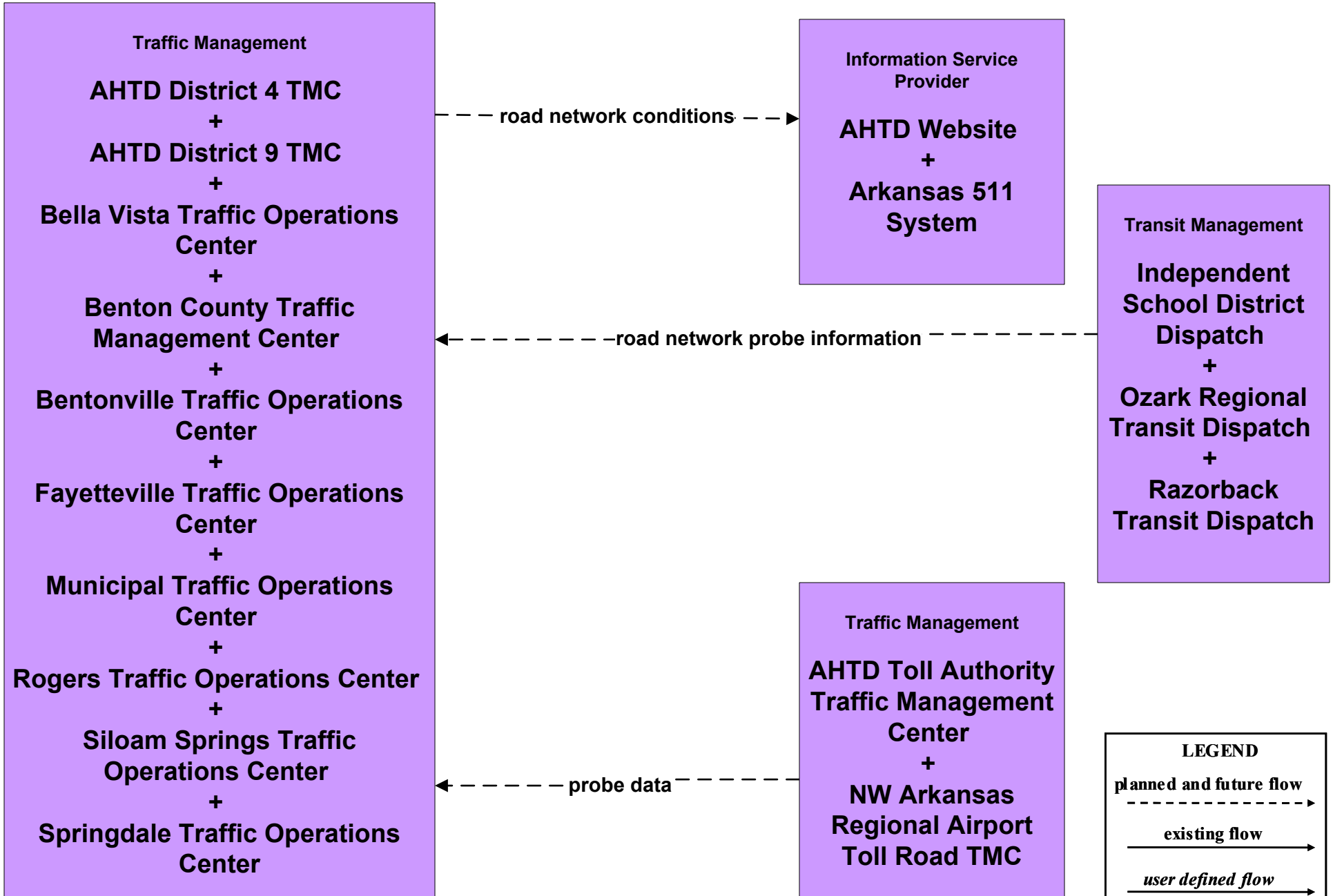
LEGEND

planned and future flow → (dashed line)

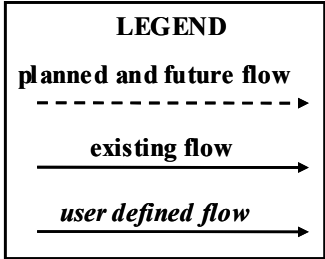
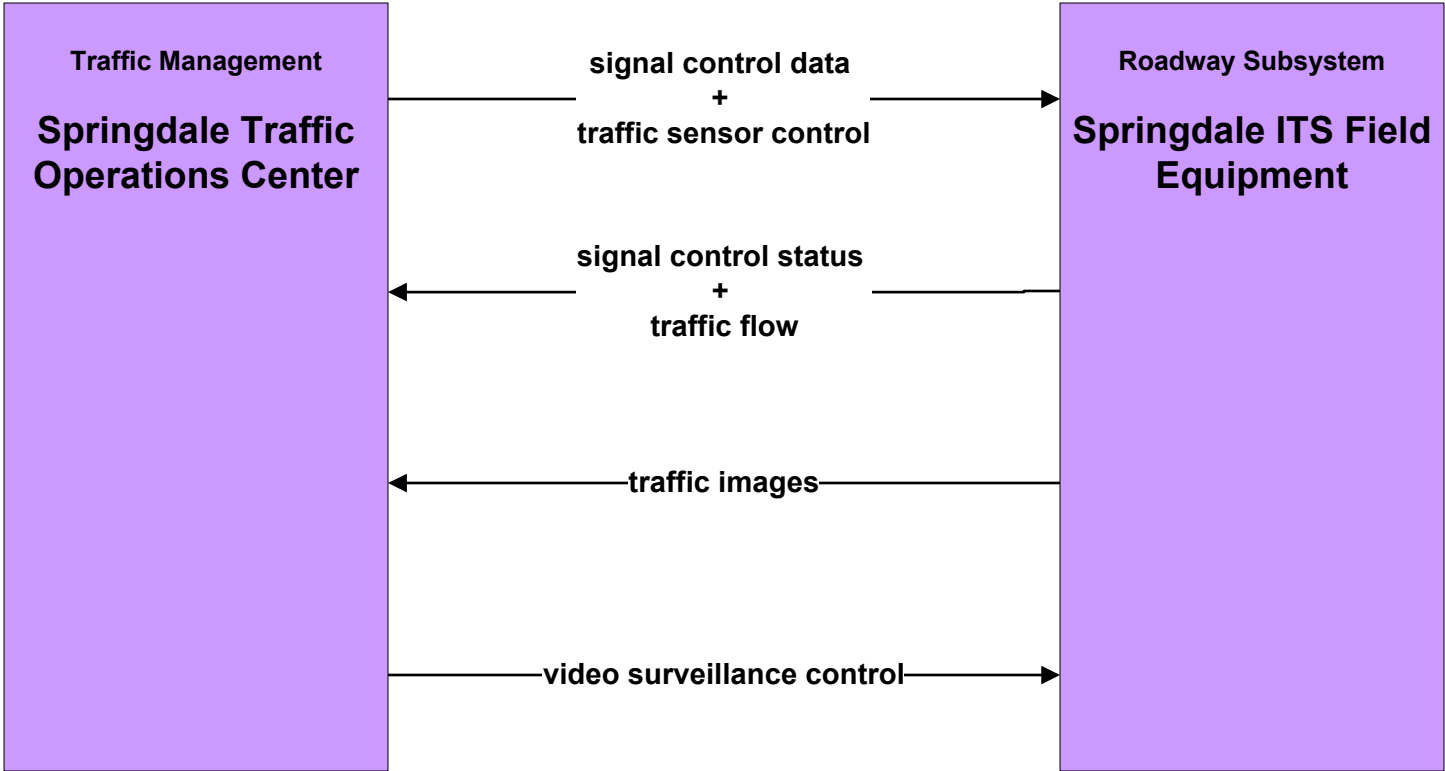
existing flow → (solid line)

user defined flow → (solid line)

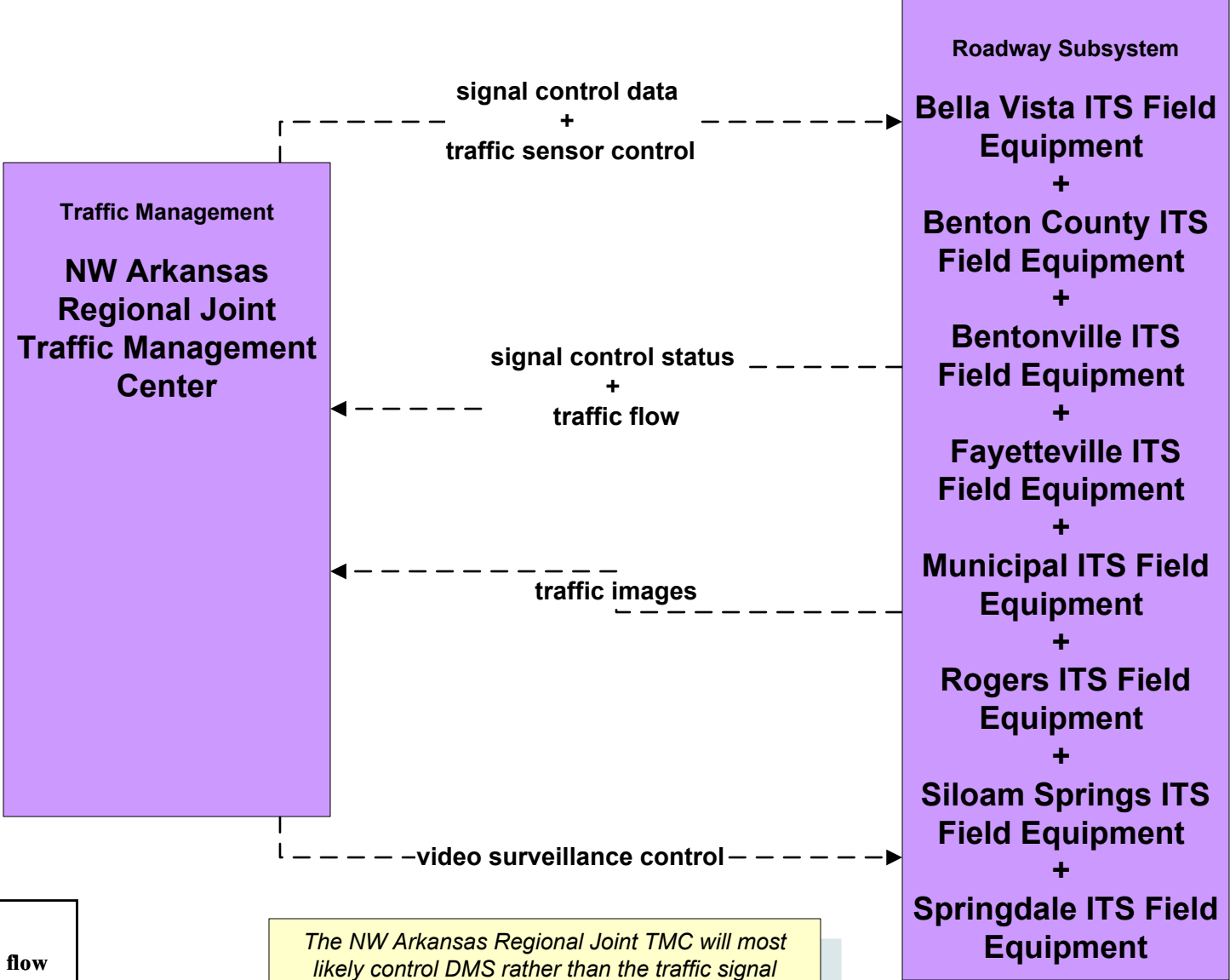
**ATMS02 - Probe Surveillance
Transit Vehicle Probes**



**ATMS03 - Surface Street Control
Springdale Traffic Operations Center**



ATMS03 - Surface Street Control
Northwest Arkansas Regional Joint Traffic Management Center



LEGEND

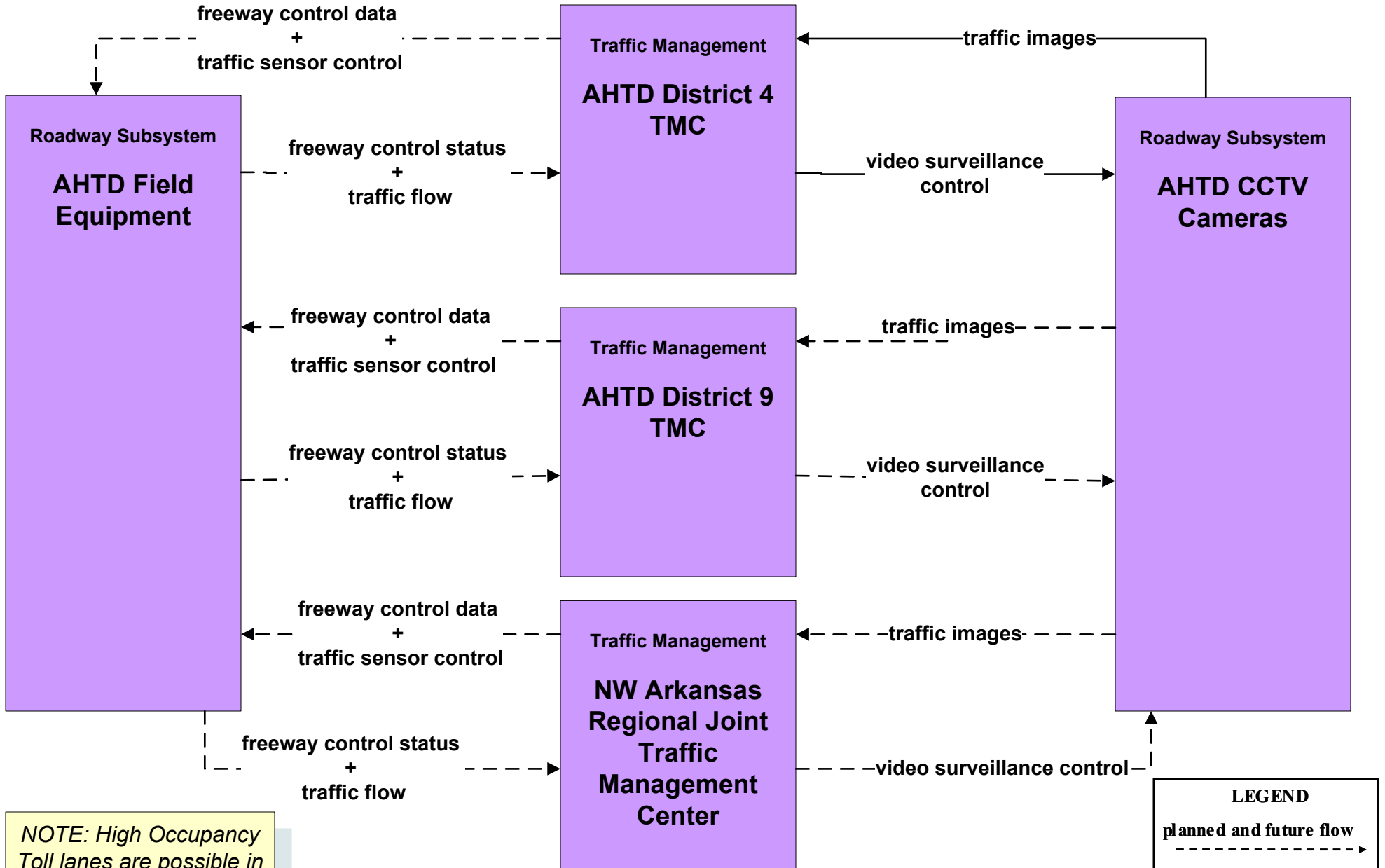
planned and future flow
 - - - - ->

existing flow
 _____>

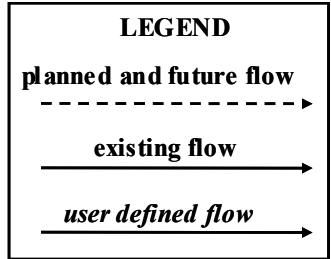
user defined flow
 _____>

The NW Arkansas Regional Joint TMC will most likely control DMS rather than the traffic signal systems as indicated in this market package. However, as no decisions have been made on what a Regional Joint TMC may include, the operation of traffic signal systems is still a possibility.

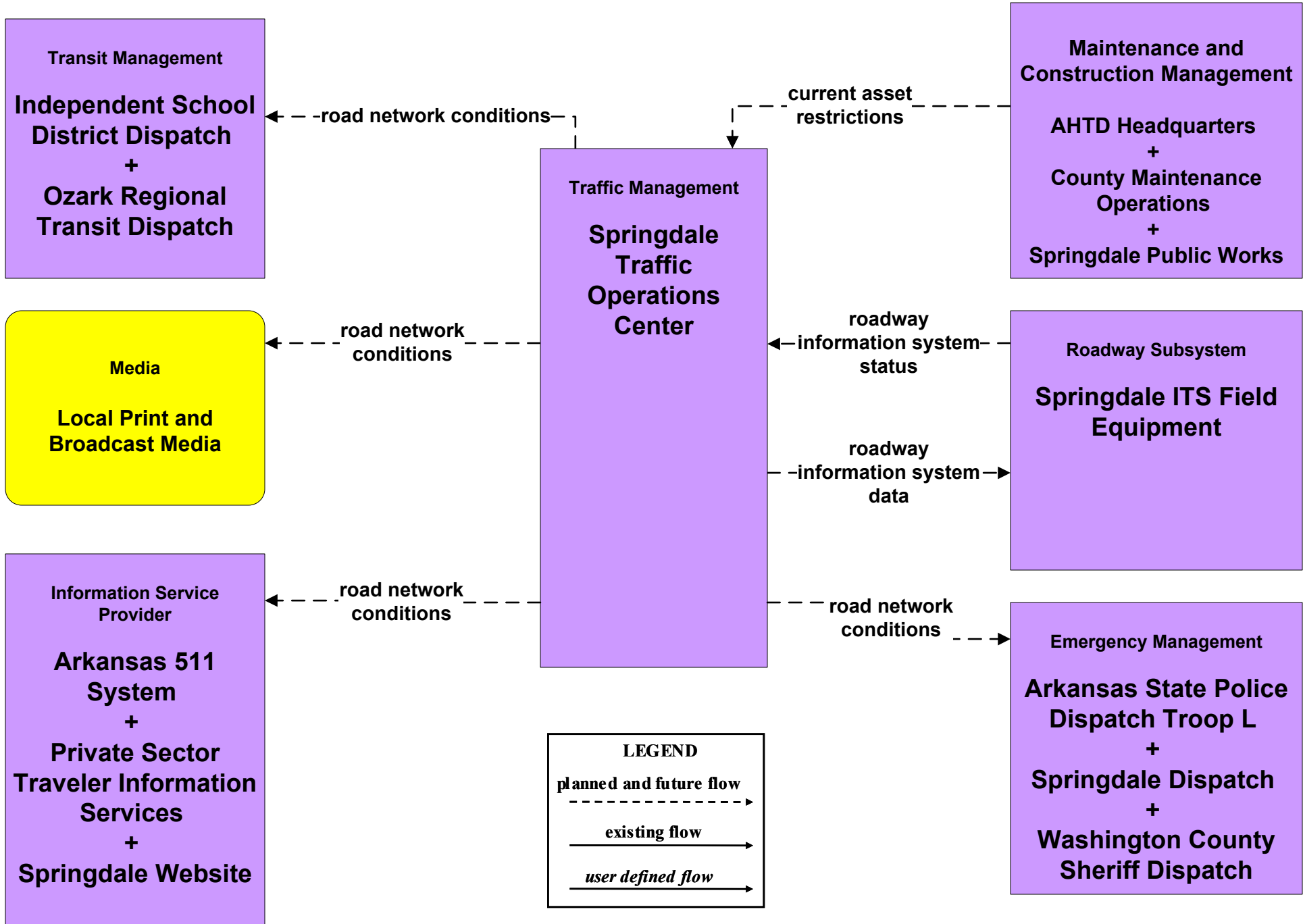
ATMS04 - Freeway Control
AHTD District 4 TMC / AHTD District 9 TMC



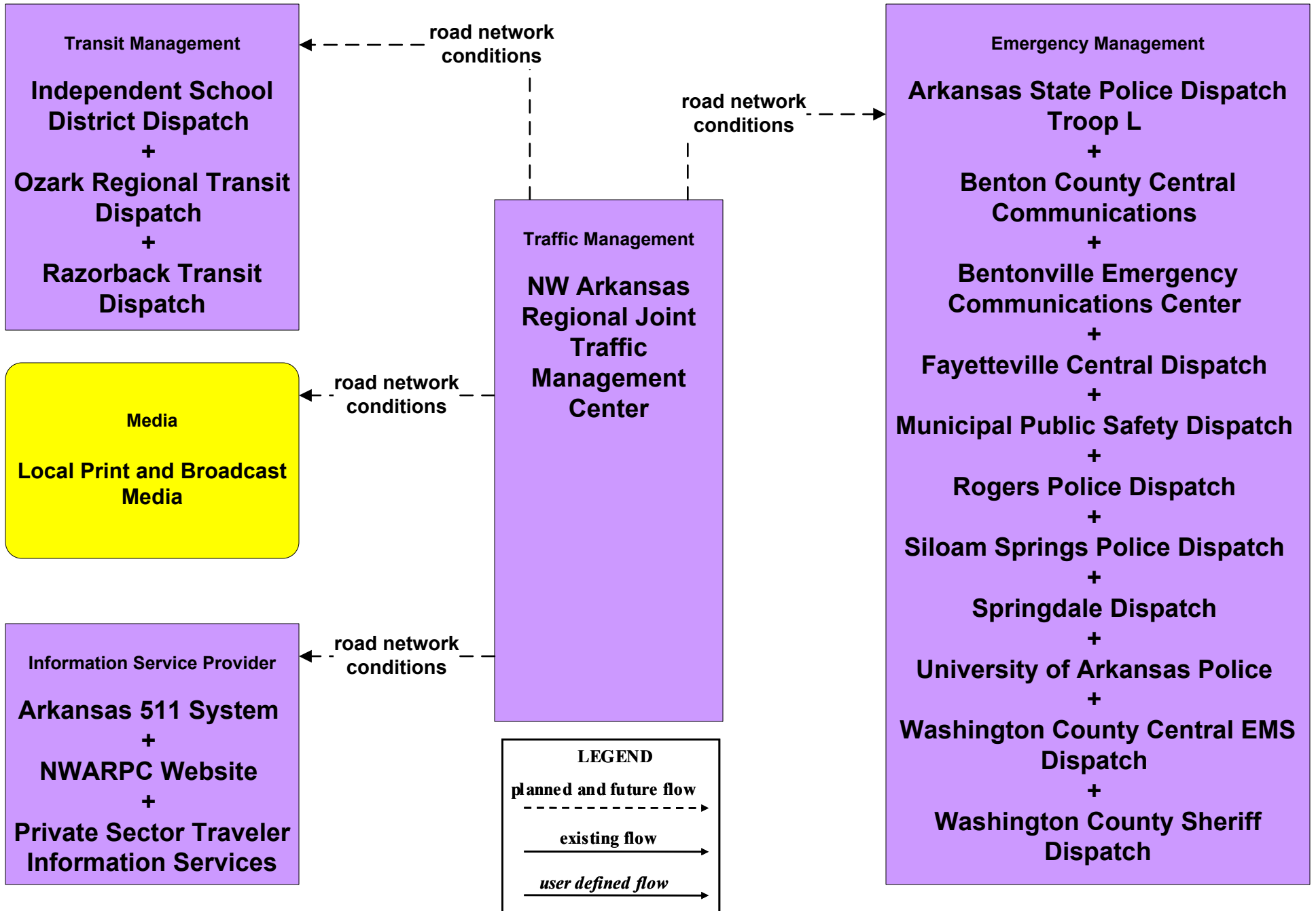
NOTE: High Occupancy Toll lanes are possible in the future.



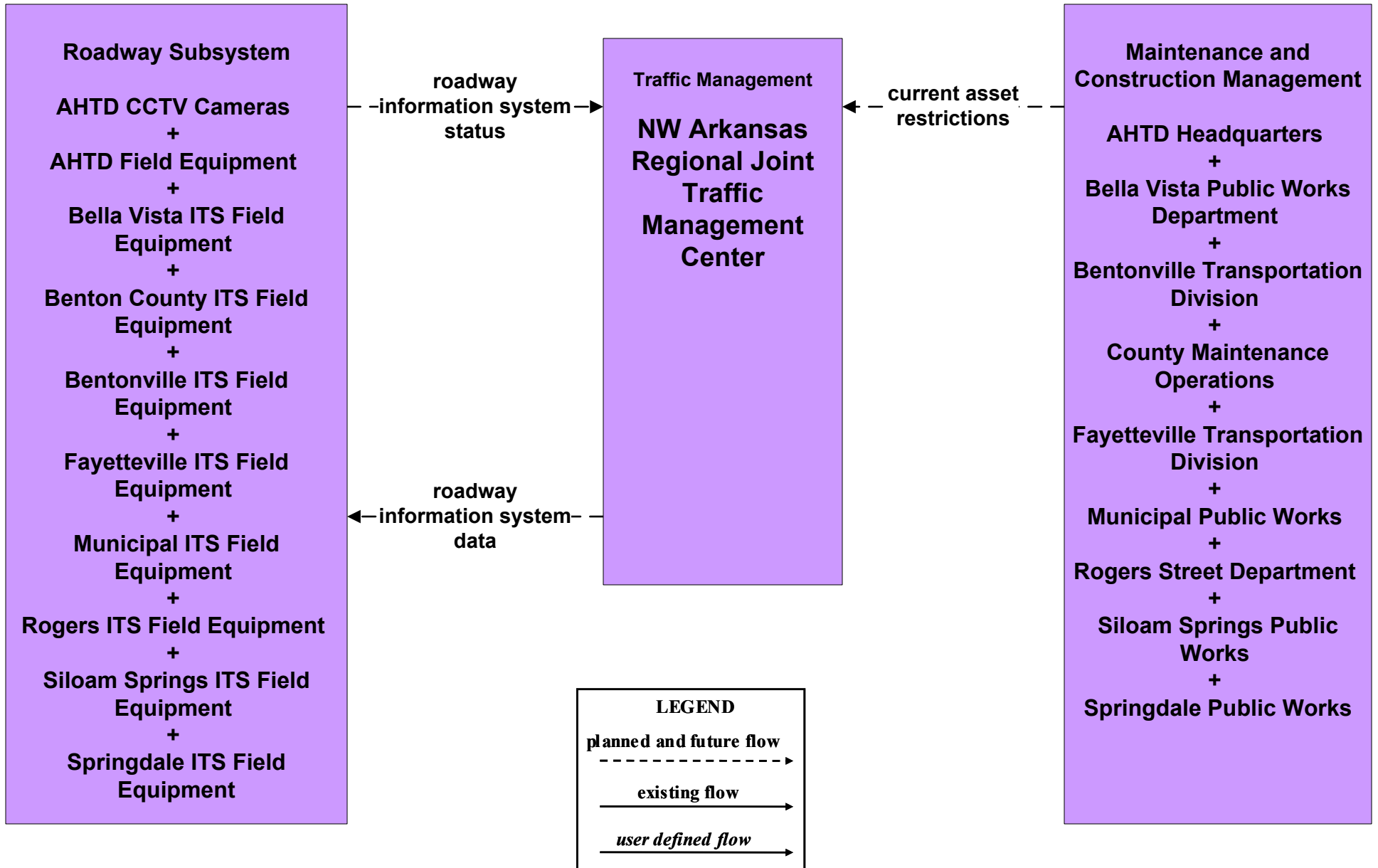
ATMS06 - Traffic Information Dissemination Springdale Traffic Operations Center



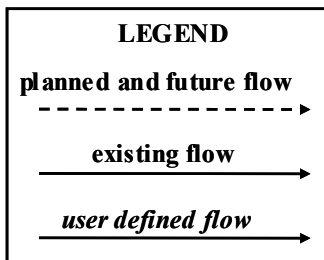
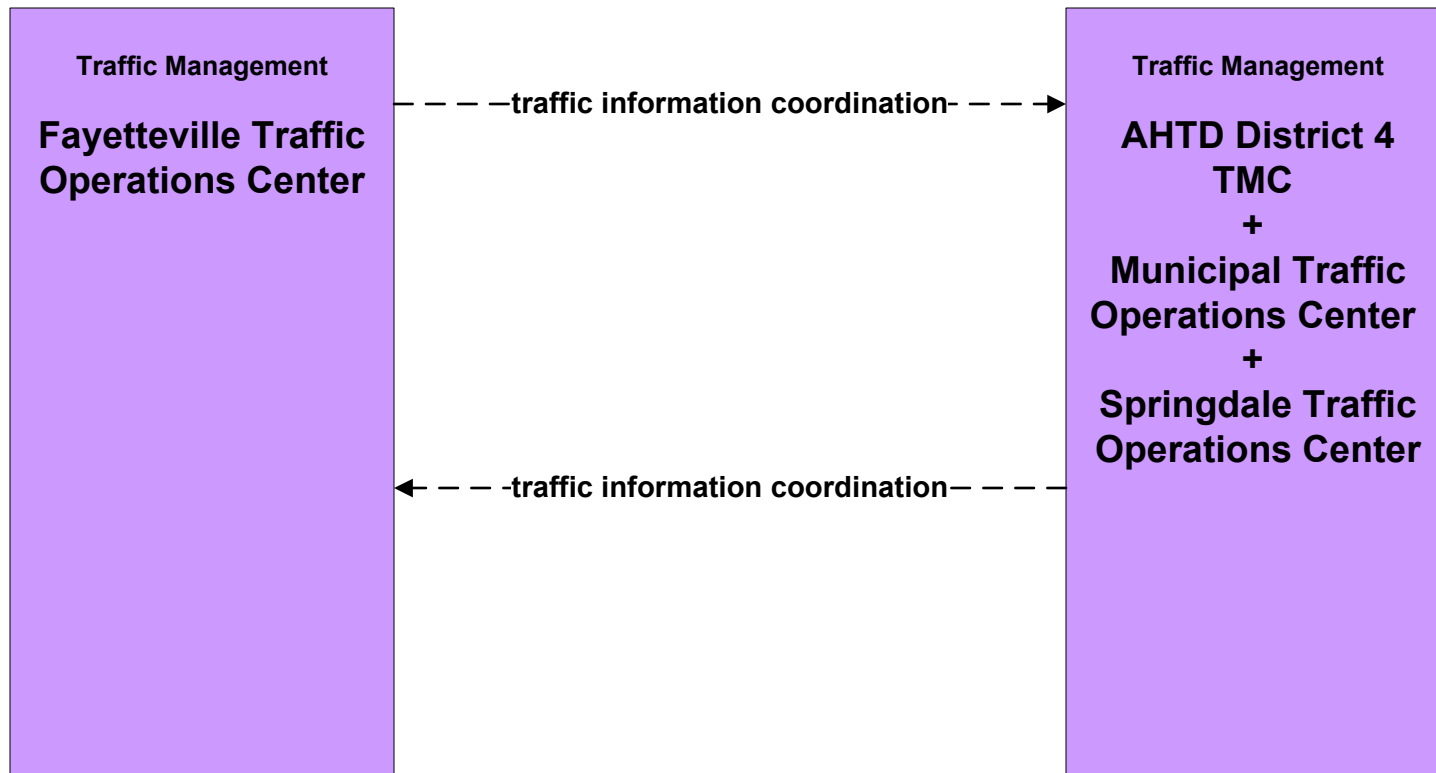
ATMS06 - Traffic Information Dissemination
Northwest Arkansas Regional Joint Traffic Management Center (1 of 2)



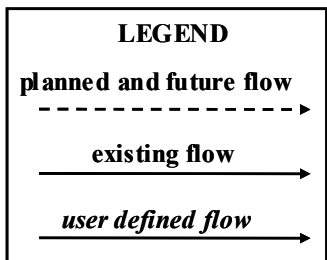
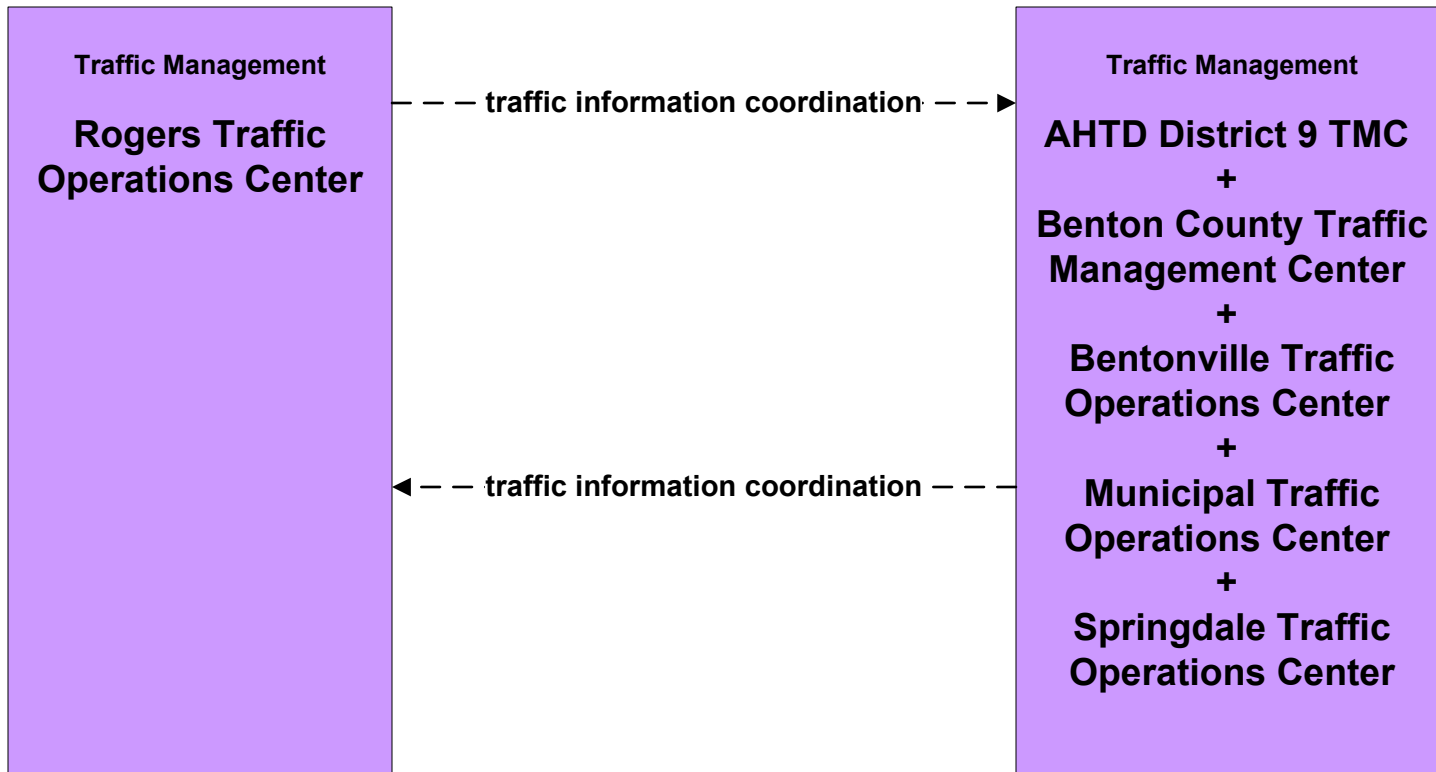
**ATMS06 - Traffic Information Dissemination
Northwest Arkansas Regional Joint Traffic Management Center (2 of 2)**



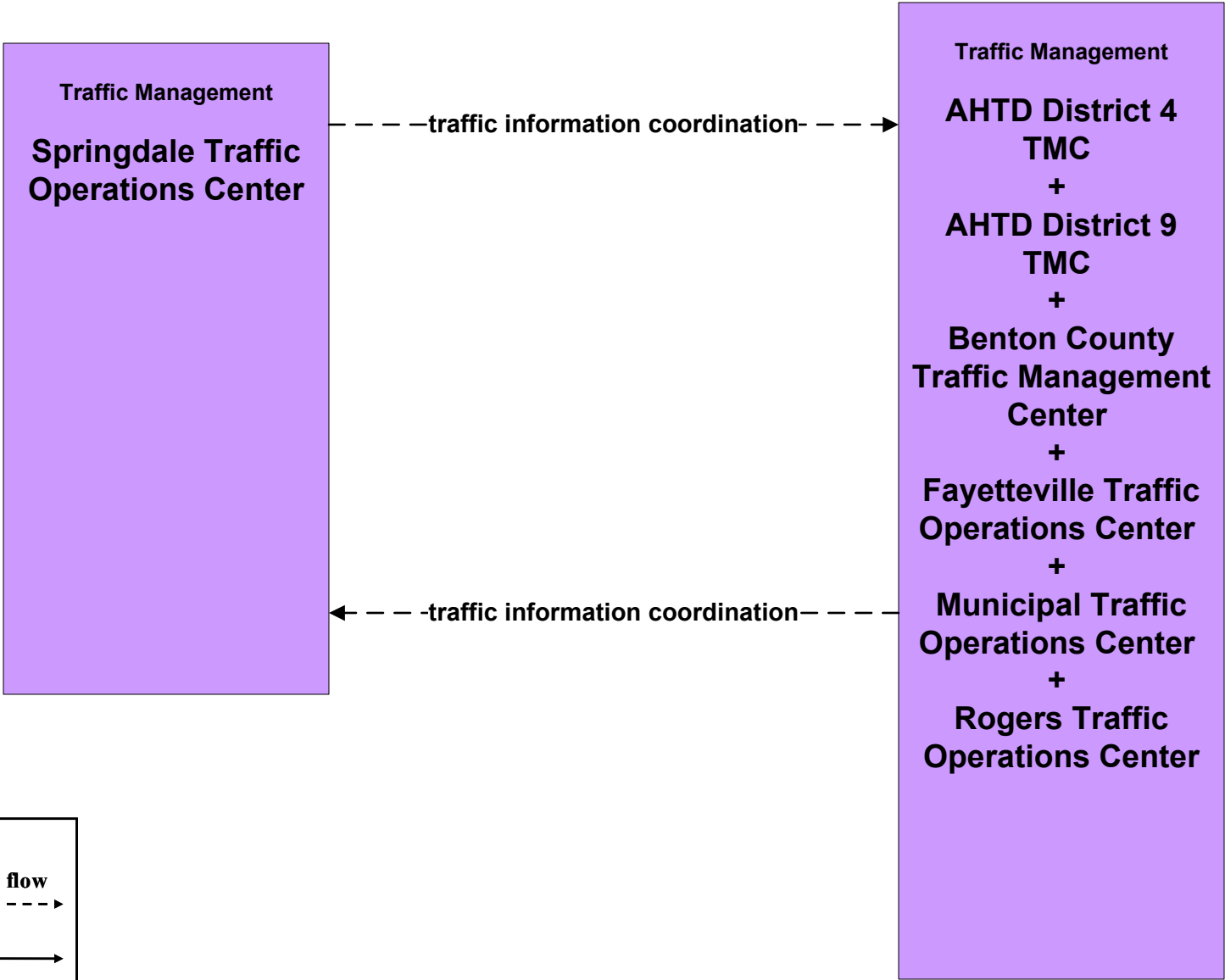
**ATMS07 - Regional Traffic Control
Fayetteville Traffic Operations Center**



**ATMS07 - Regional Traffic Control
Rogers Traffic Operations Center**



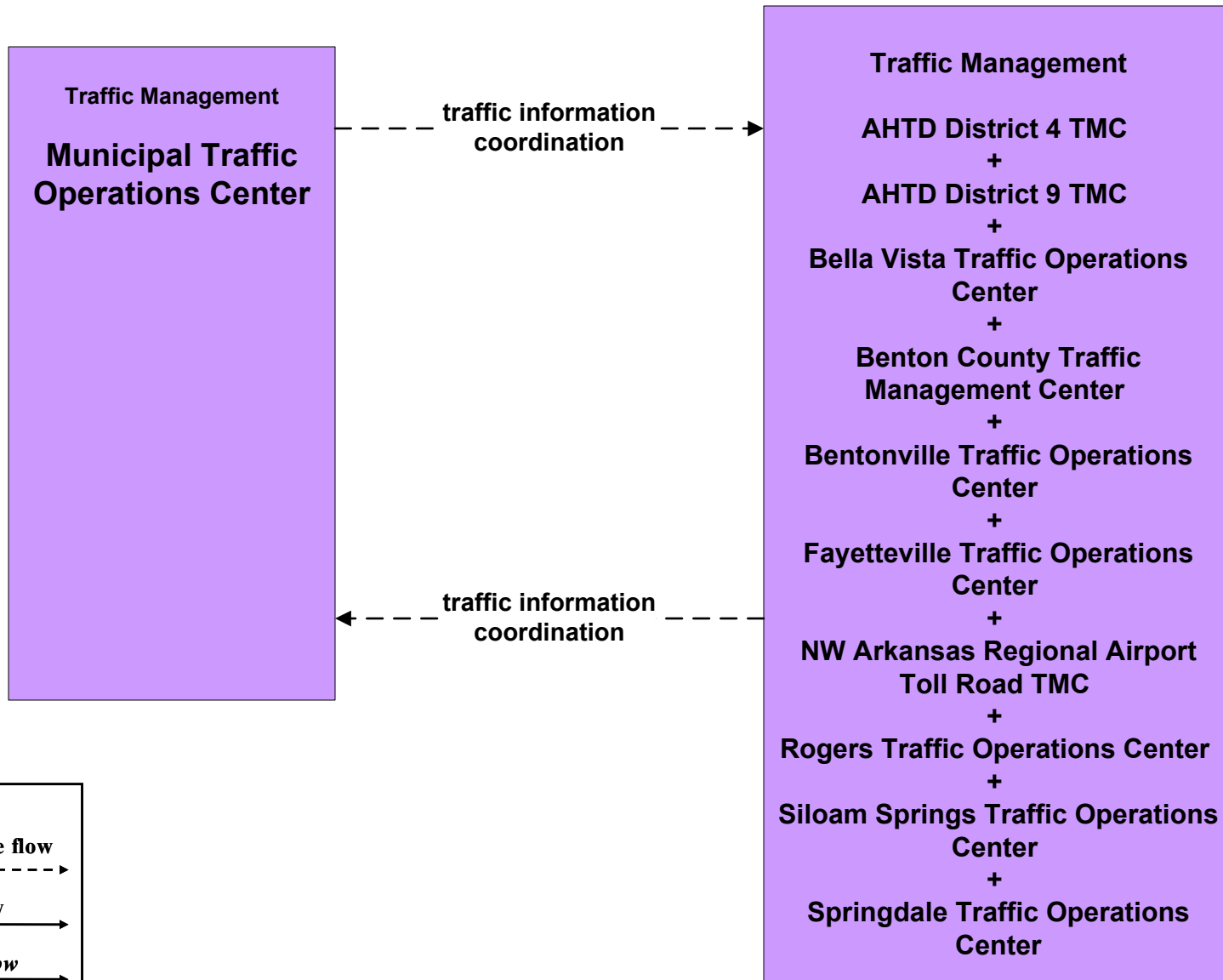
**ATMS07 - Regional Traffic Control
Springdale Traffic Operations Center**



LEGEND

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

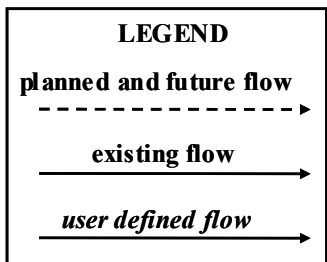
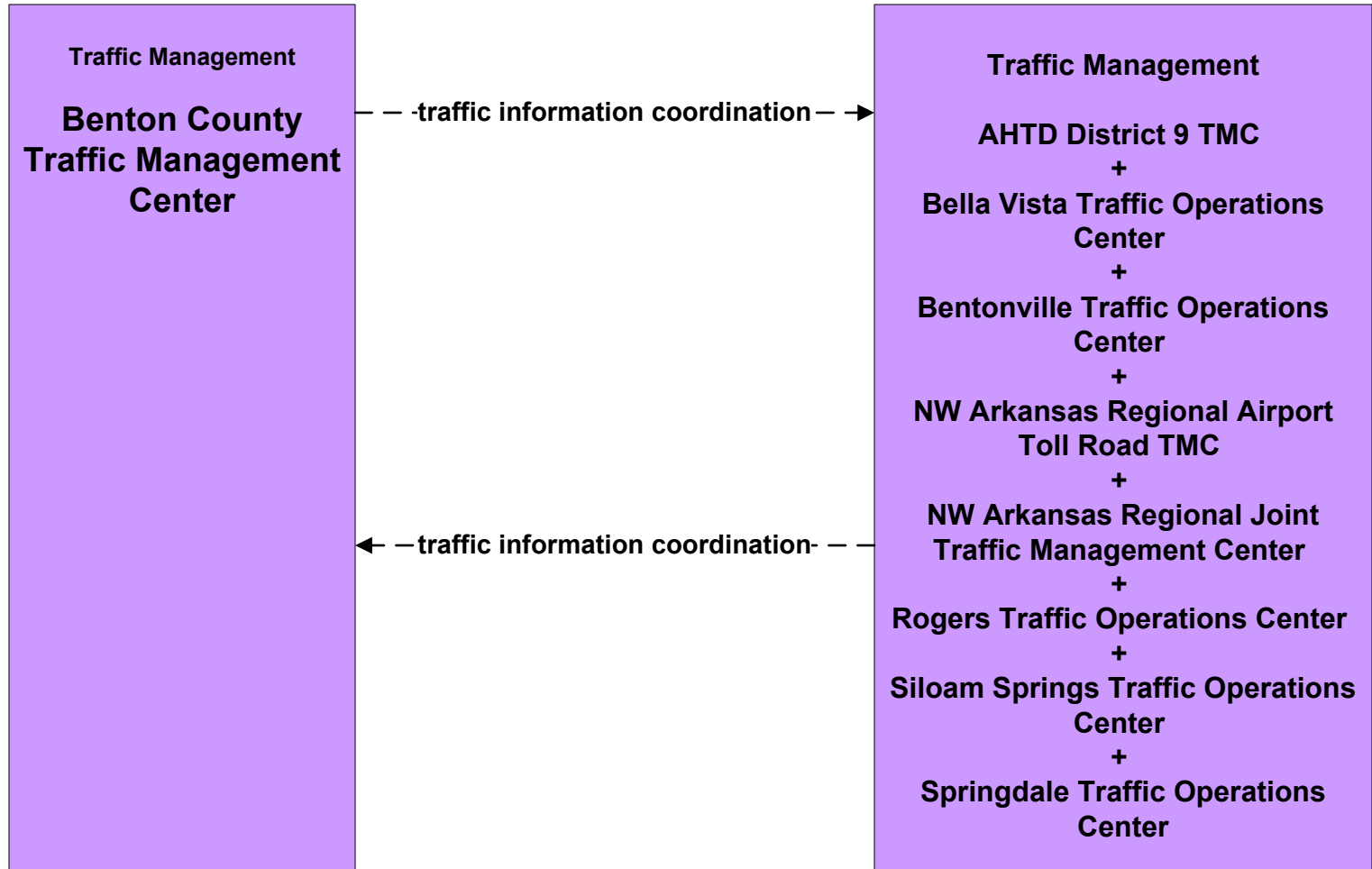
**ATMS07 - Regional Traffic Control
Municipal Traffic Operations Center**



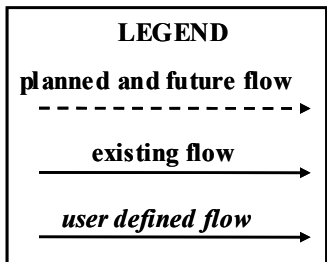
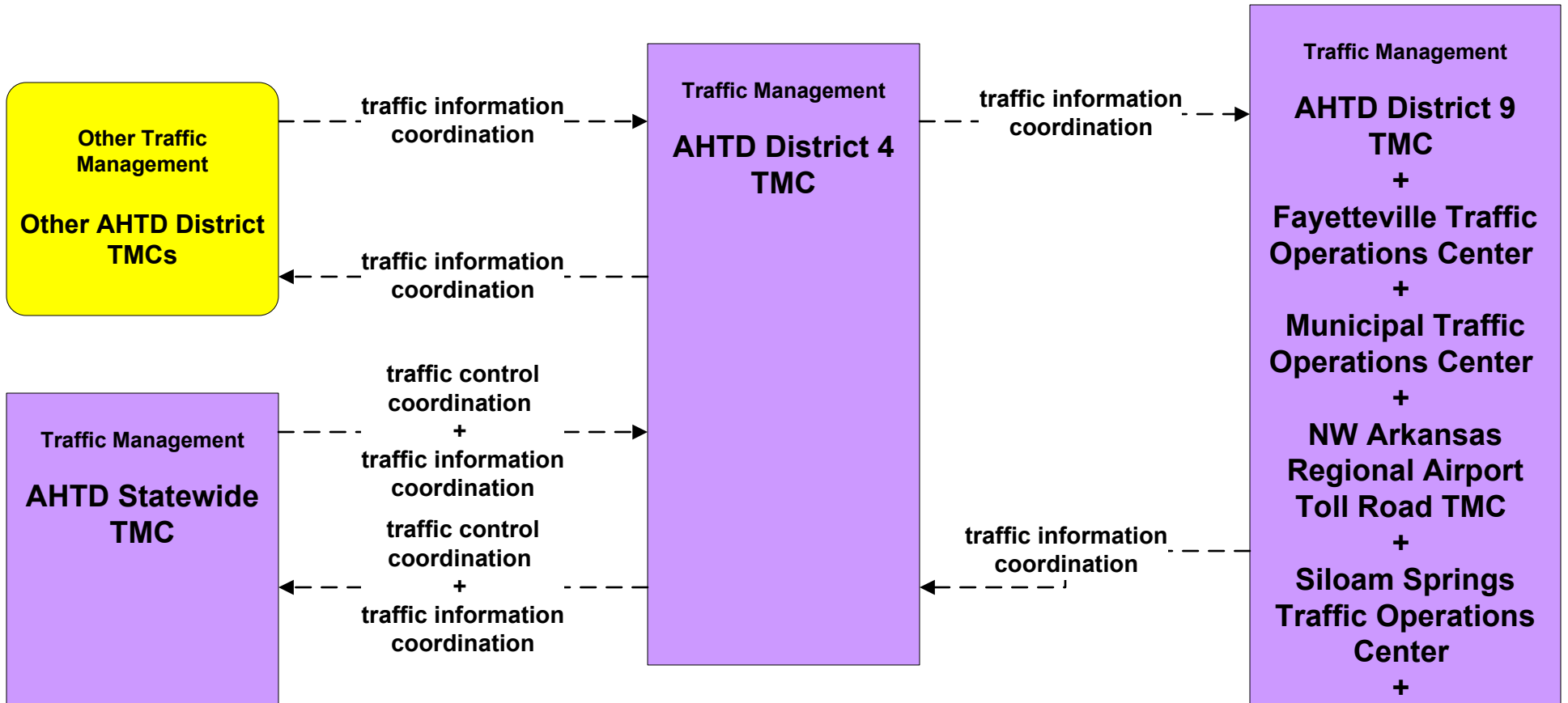
LEGEND

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

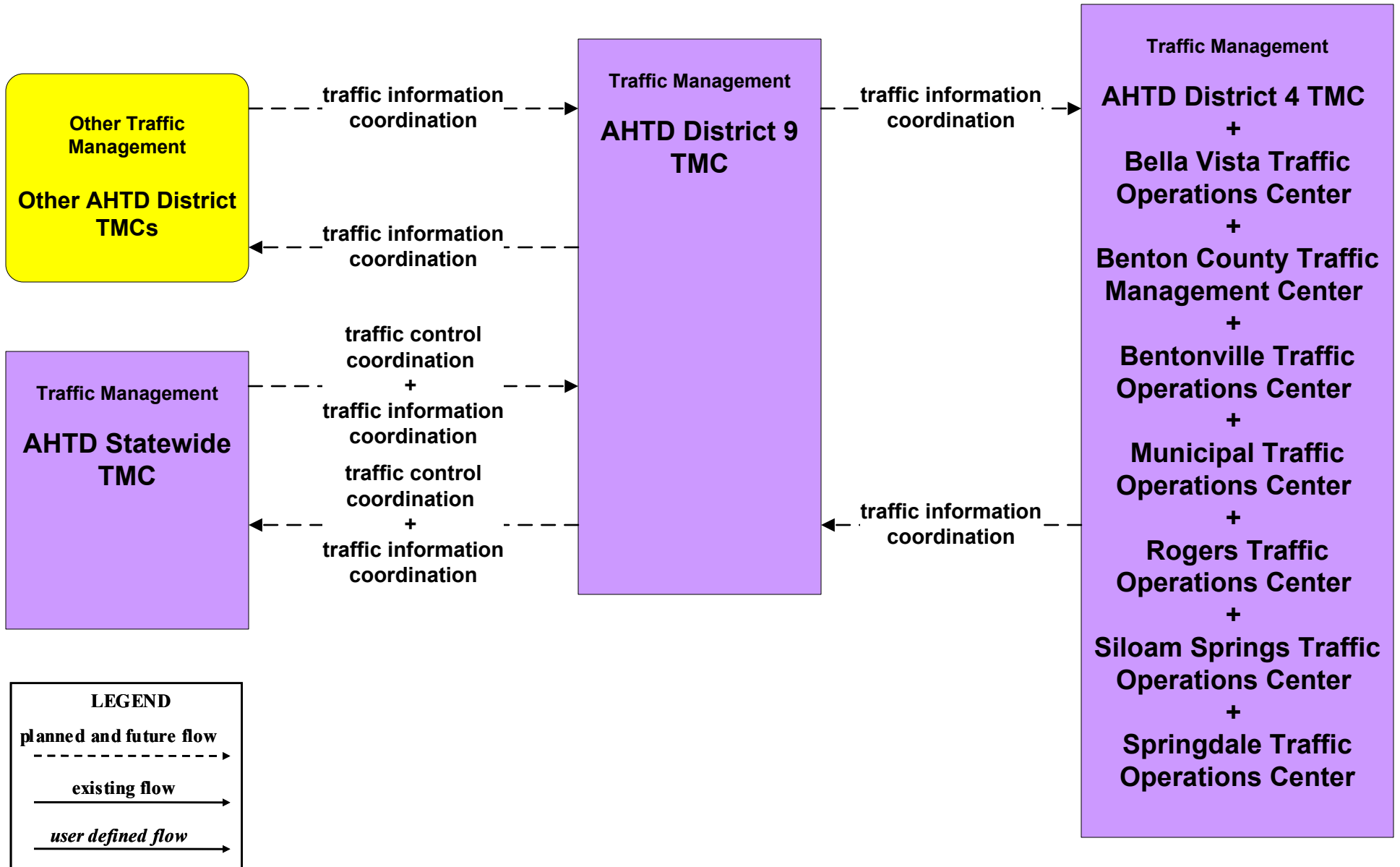
**ATMS07 - Regional Traffic Control
Benton County Traffic Management Center**



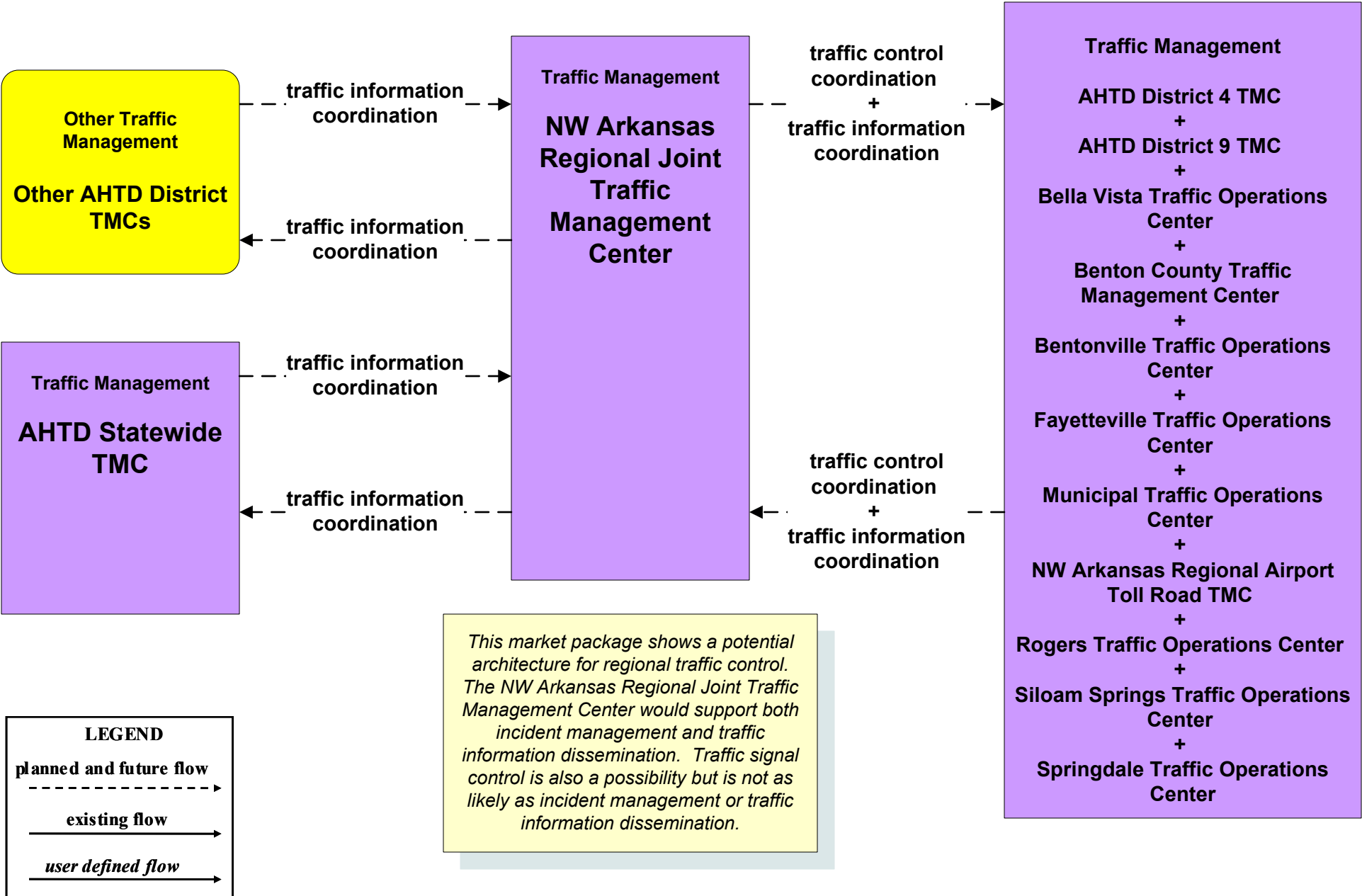
**ATMS07 - Regional Traffic Control
AHTD District 4 Traffic Management Center**



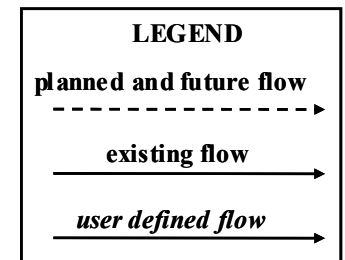
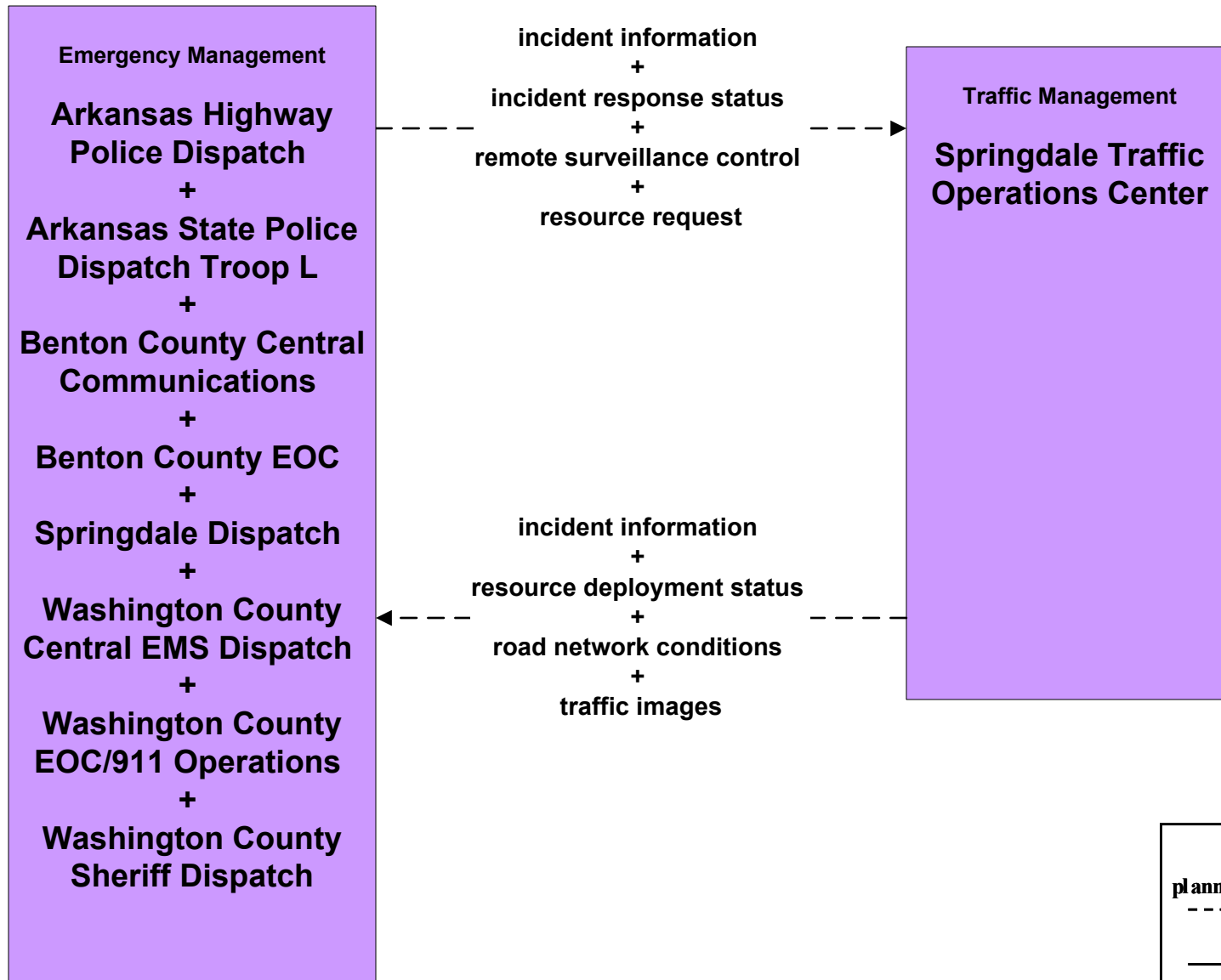
**ATMS07 - Regional Traffic Control
AHTD District 9 Traffic Management Center**



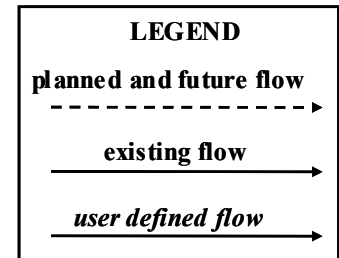
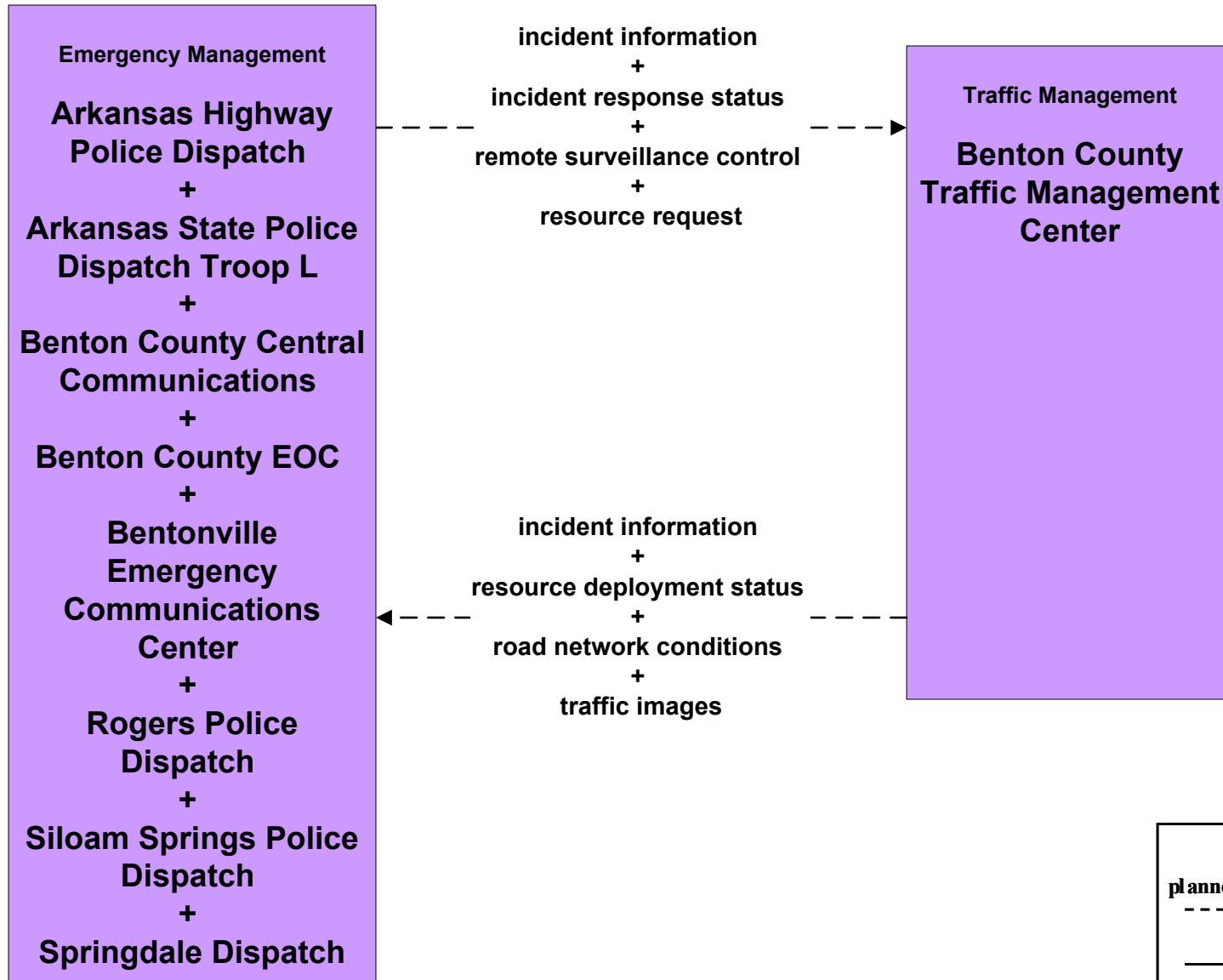
**ATMS07 - Regional Traffic Control
Northwest Arkansas Regional Joint Traffic Management Center**



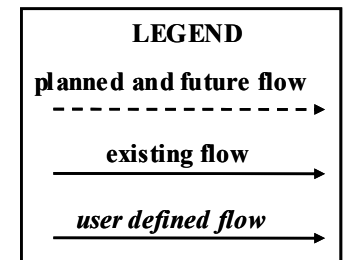
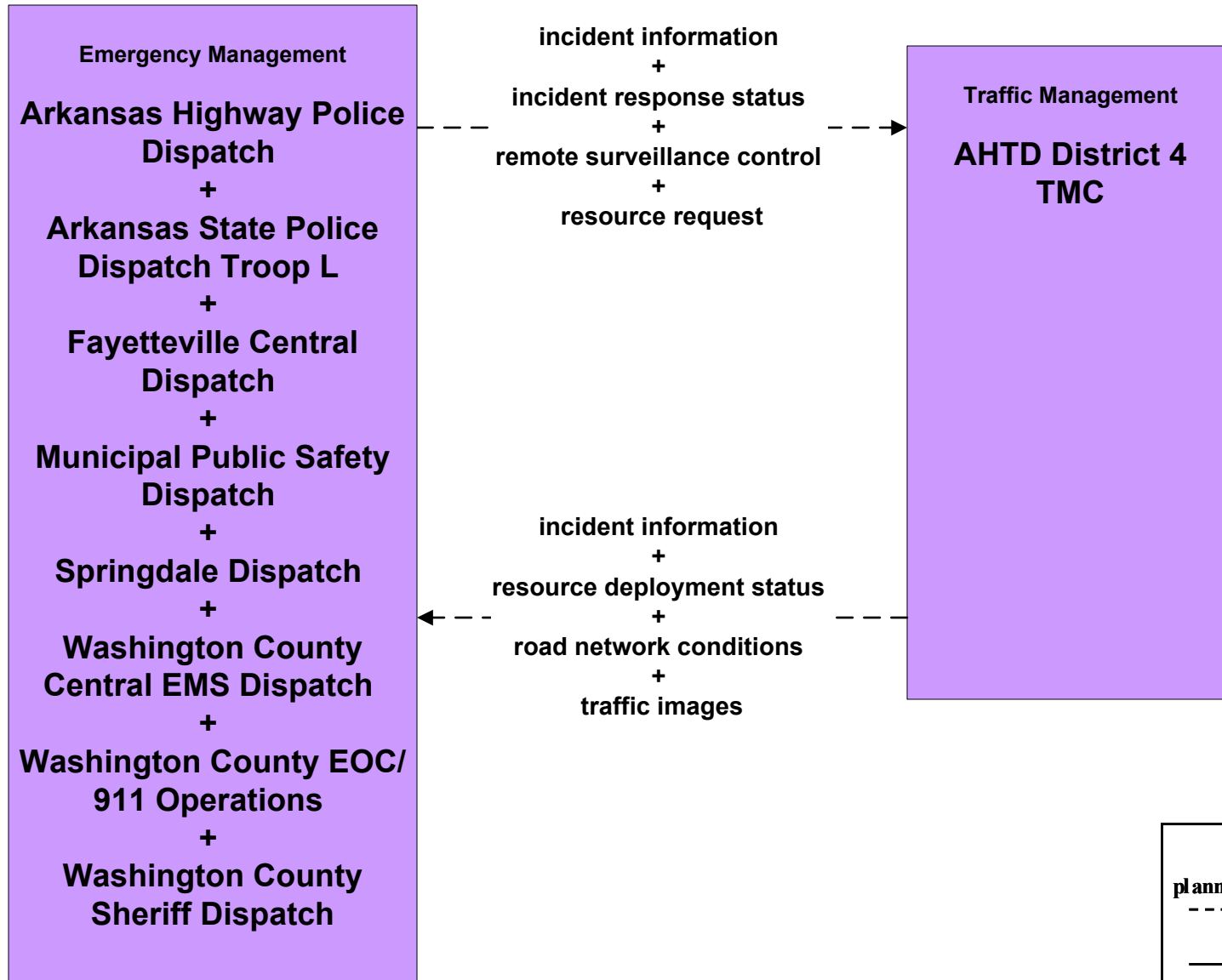
ATMS08 - Incident Management
Springdale Traffic Operations Centers (TM to EM)



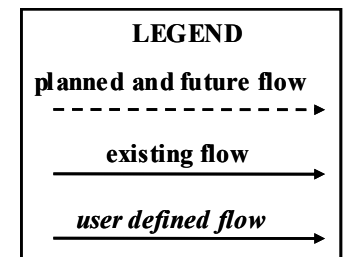
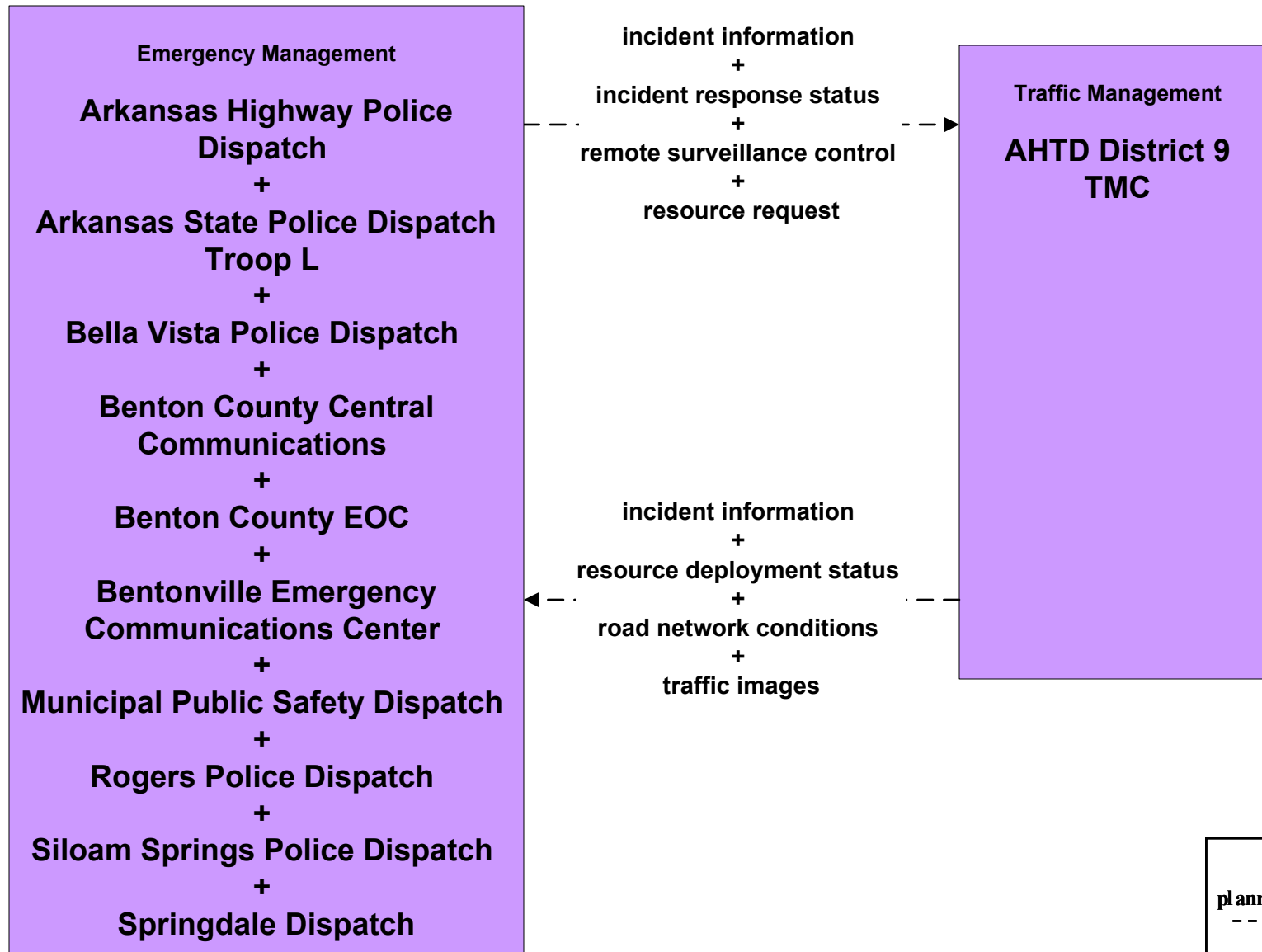
**ATMS08 - Incident Management
Benton County Traffic Management Center (TM to EM)**



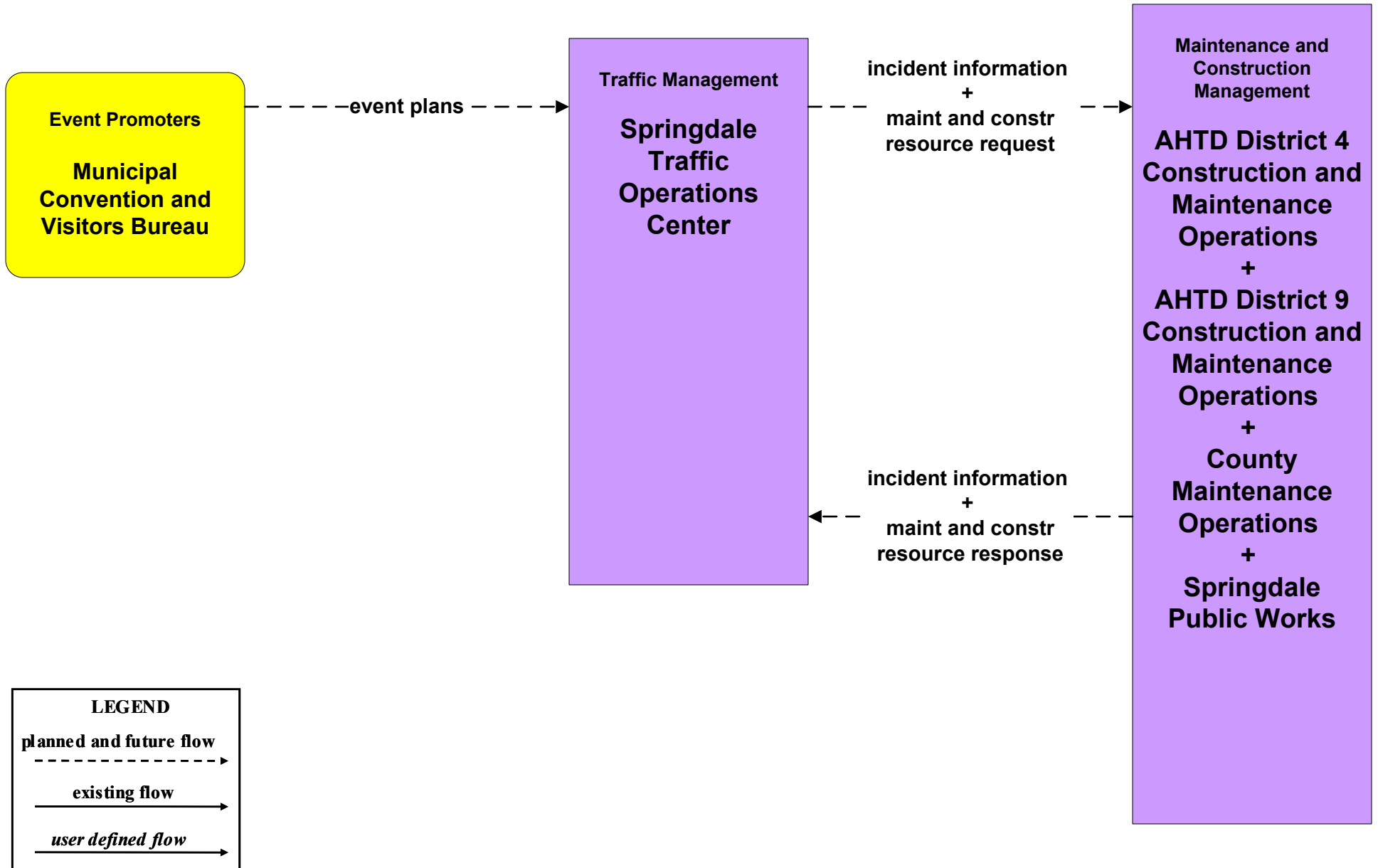
ATMS08 - Incident Management
AHTD District 4 Traffic Management Center (TM to EM)



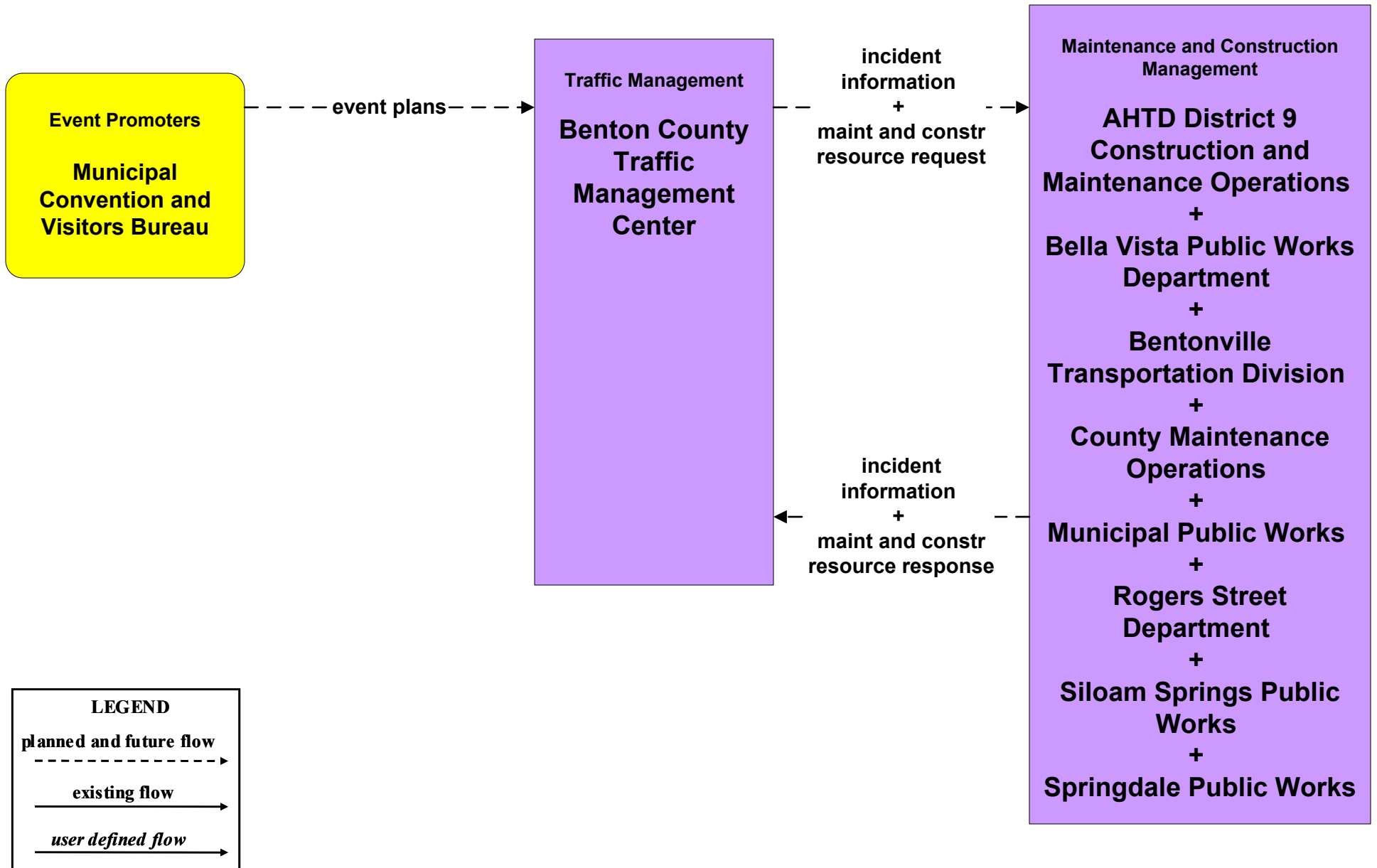
ATMS08 - Incident Management
AHTD District 9 Traffic Management Center (TM to EM)



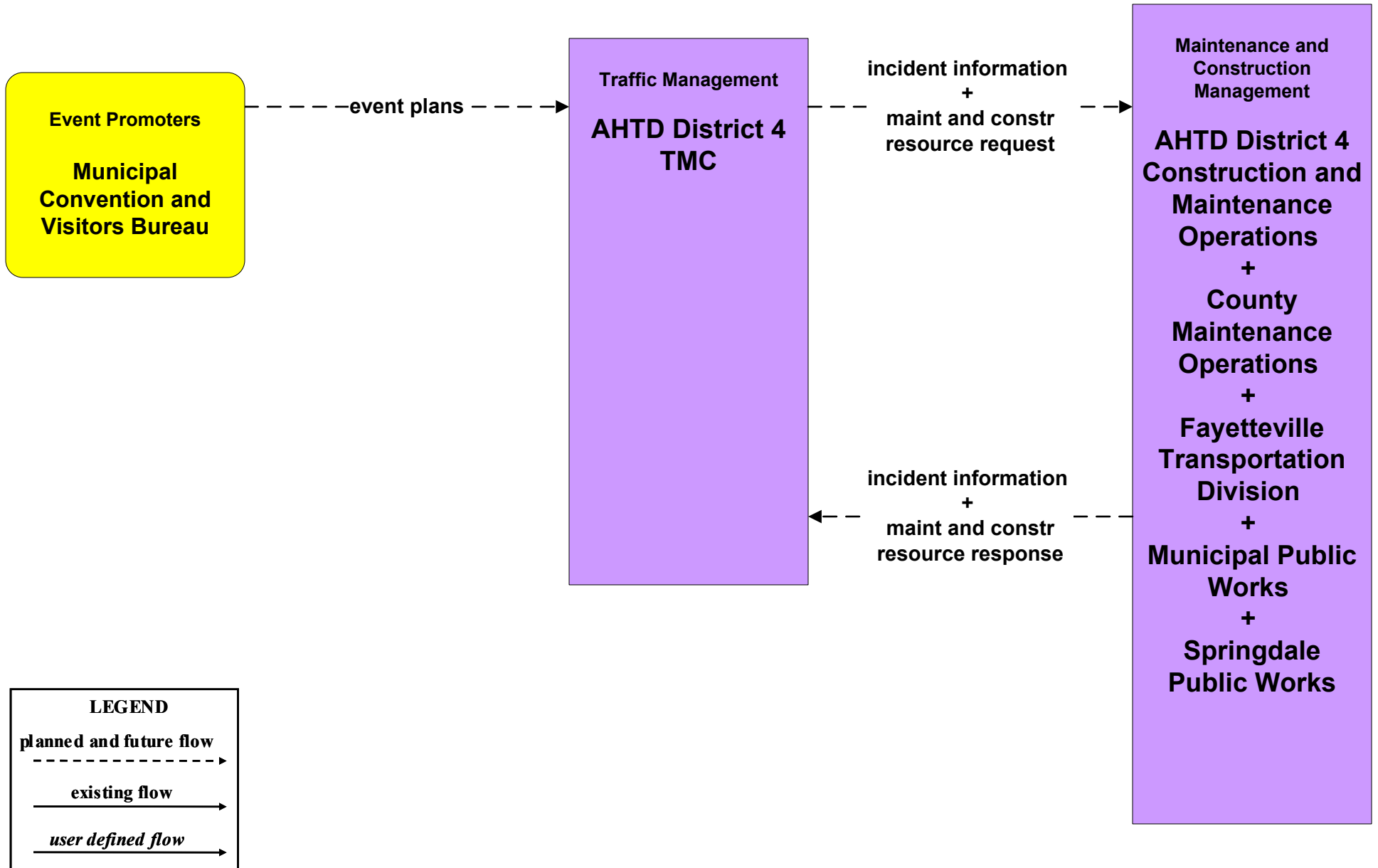
**ATMS08 - Incident Management
Springdale Traffic Operations Center (TM to MCM)**



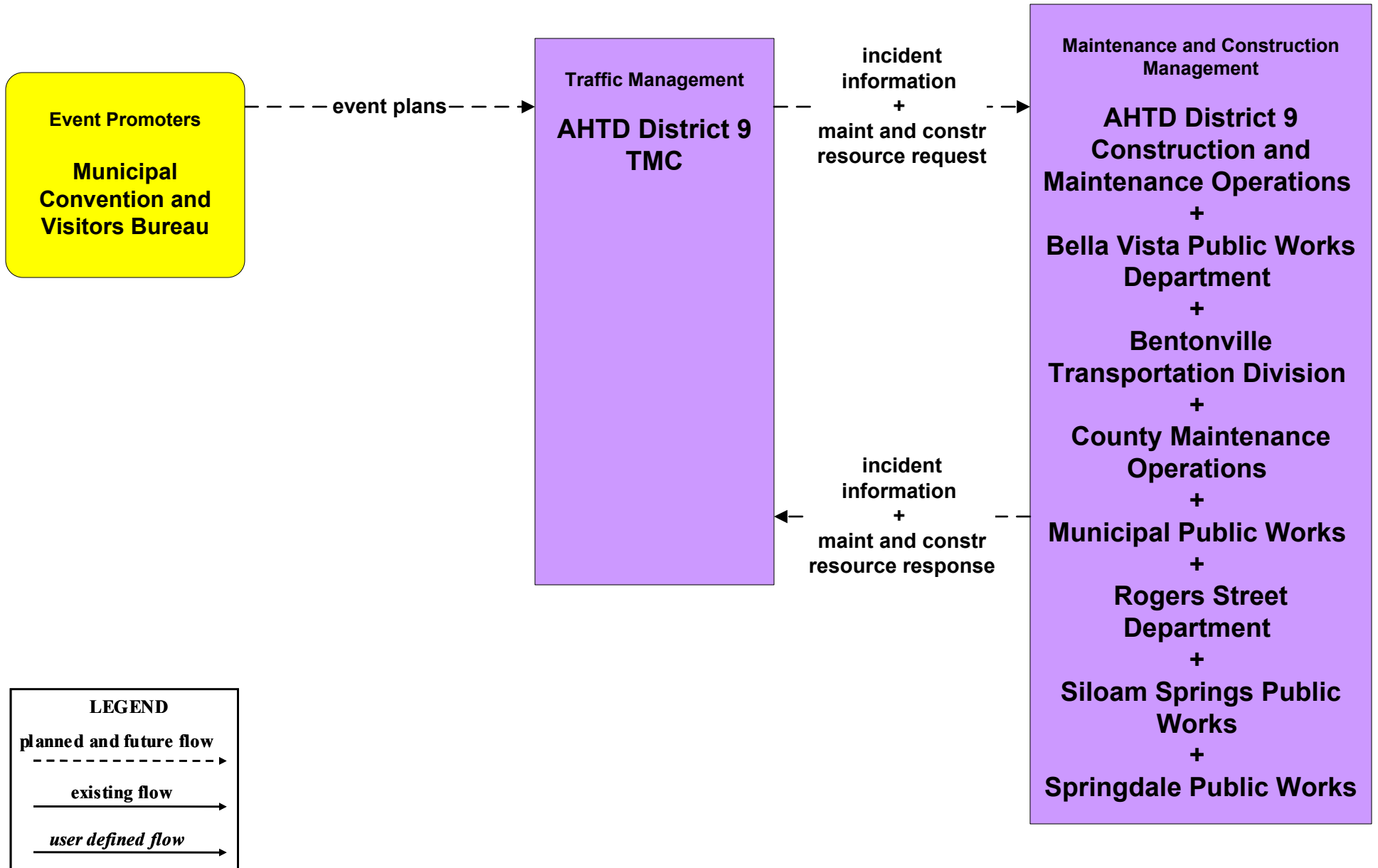
**ATMS08 - Incident Management
Benton County Traffic Management Center (TM to MCM)**



ATMS08 - Incident Management
AHTD District 4 Traffic Management Center (TM to MCM)



ATMS08 - Incident Management
AHTD District 9 Traffic Management Center (TM to MCM)



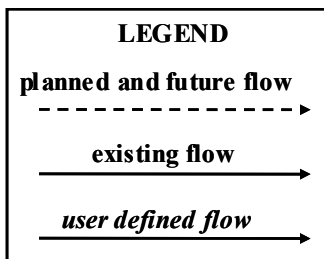
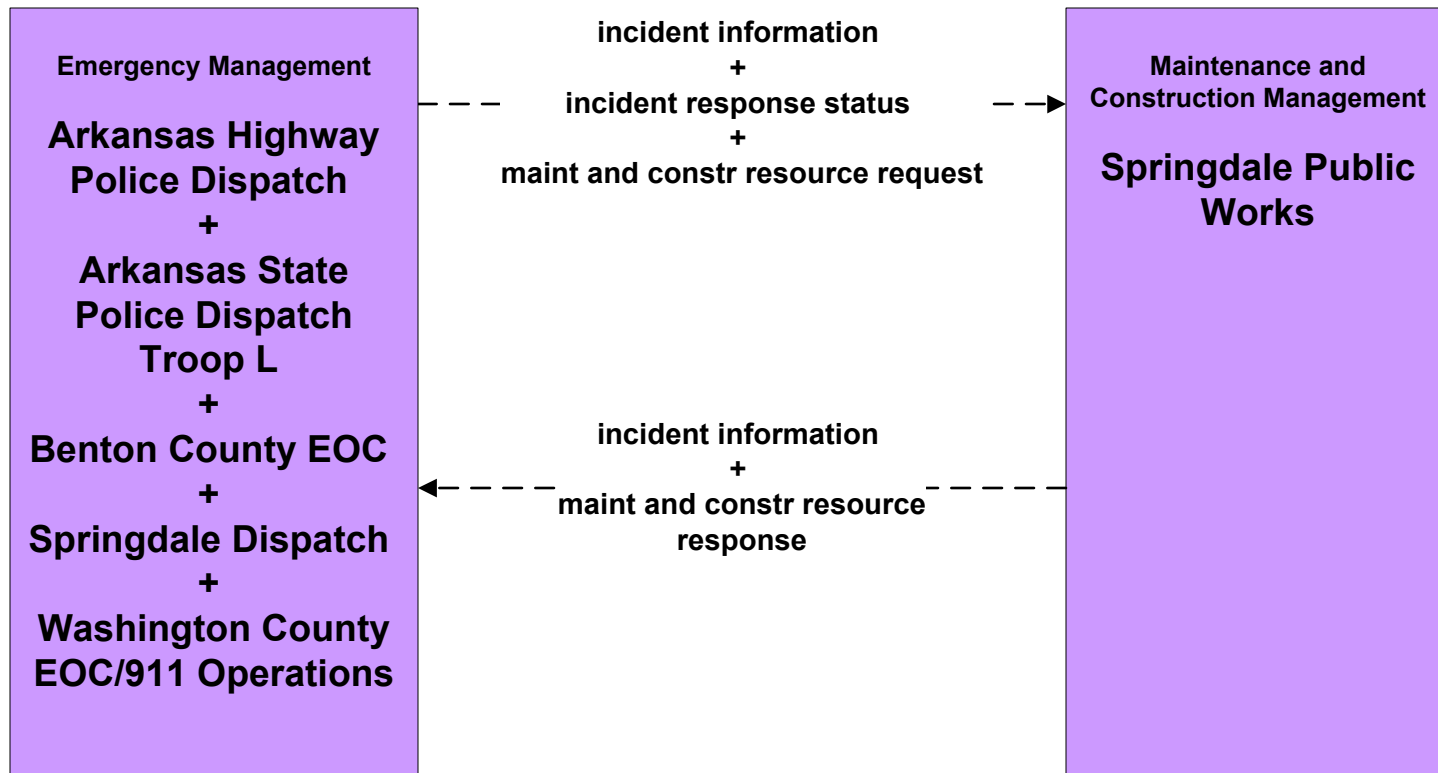
LEGEND

planned and future flow
 - - - - ->

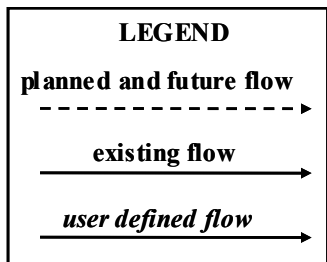
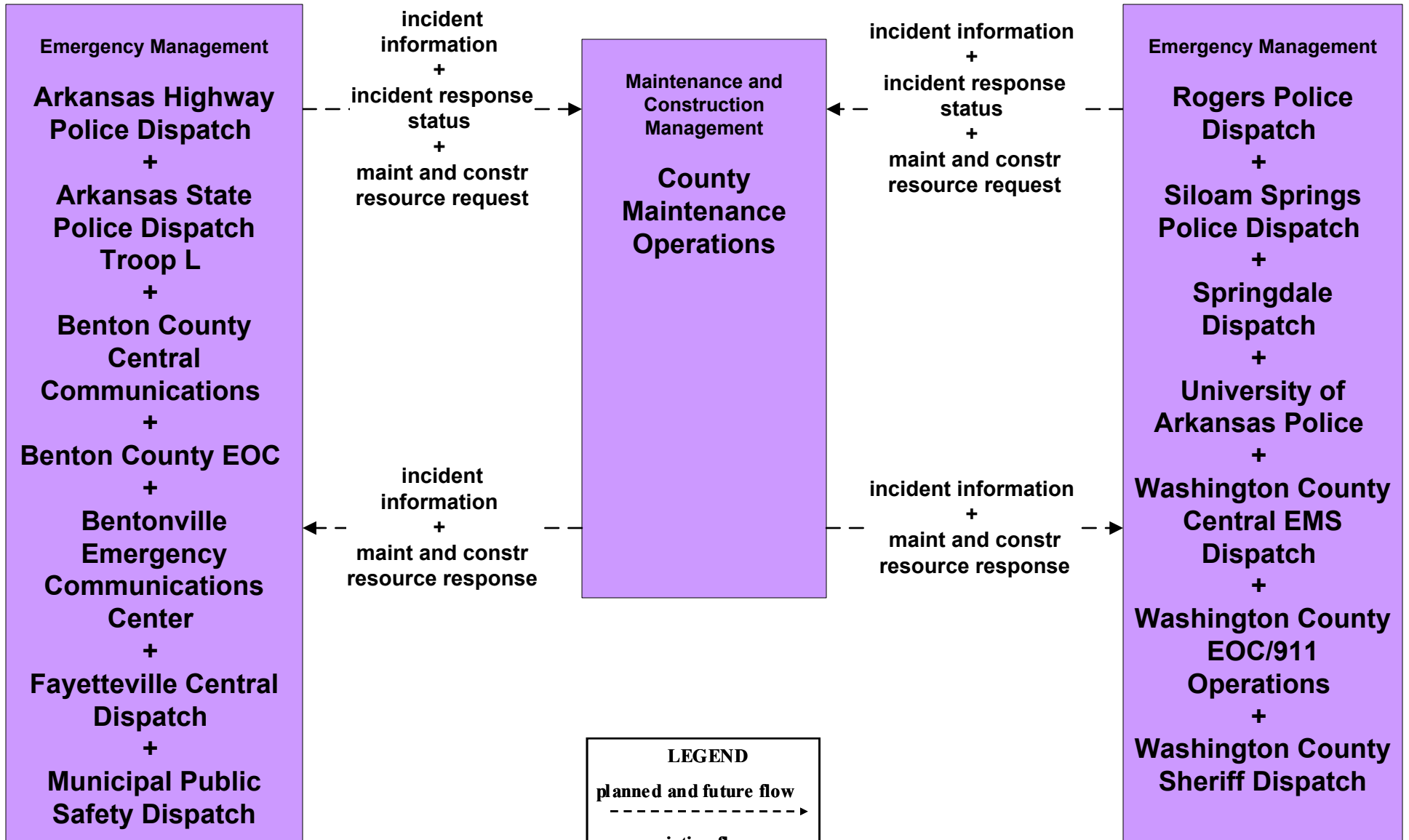
existing flow
 _____>

user defined flow
 _____>

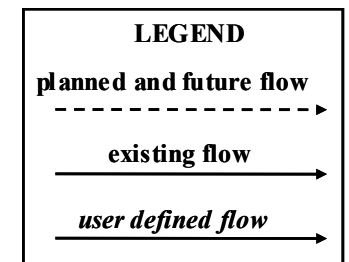
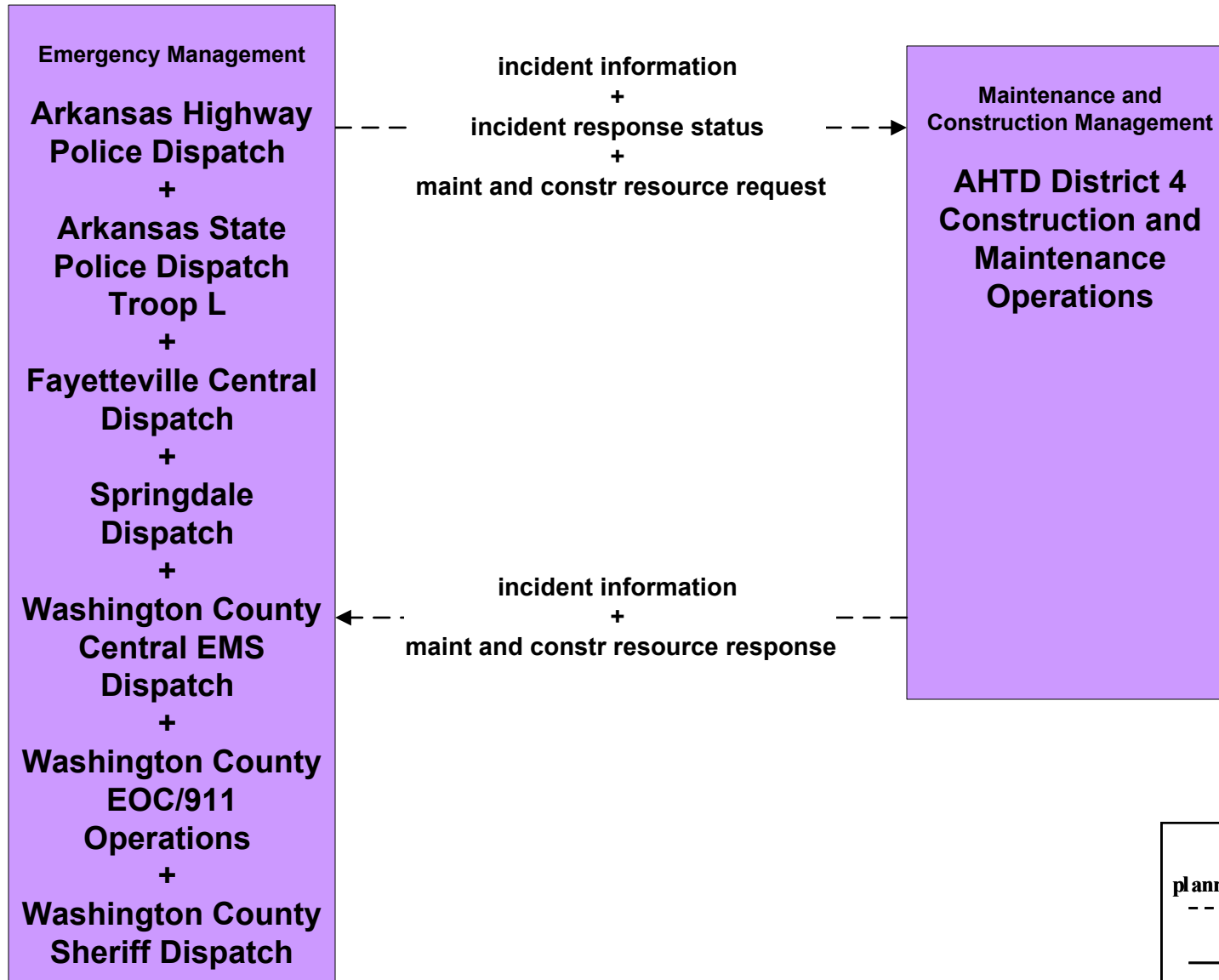
**ATMS08 - Incident Management
Springdale Public Works (MCM to EM)**



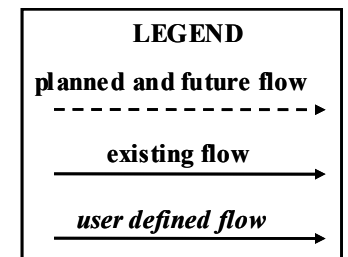
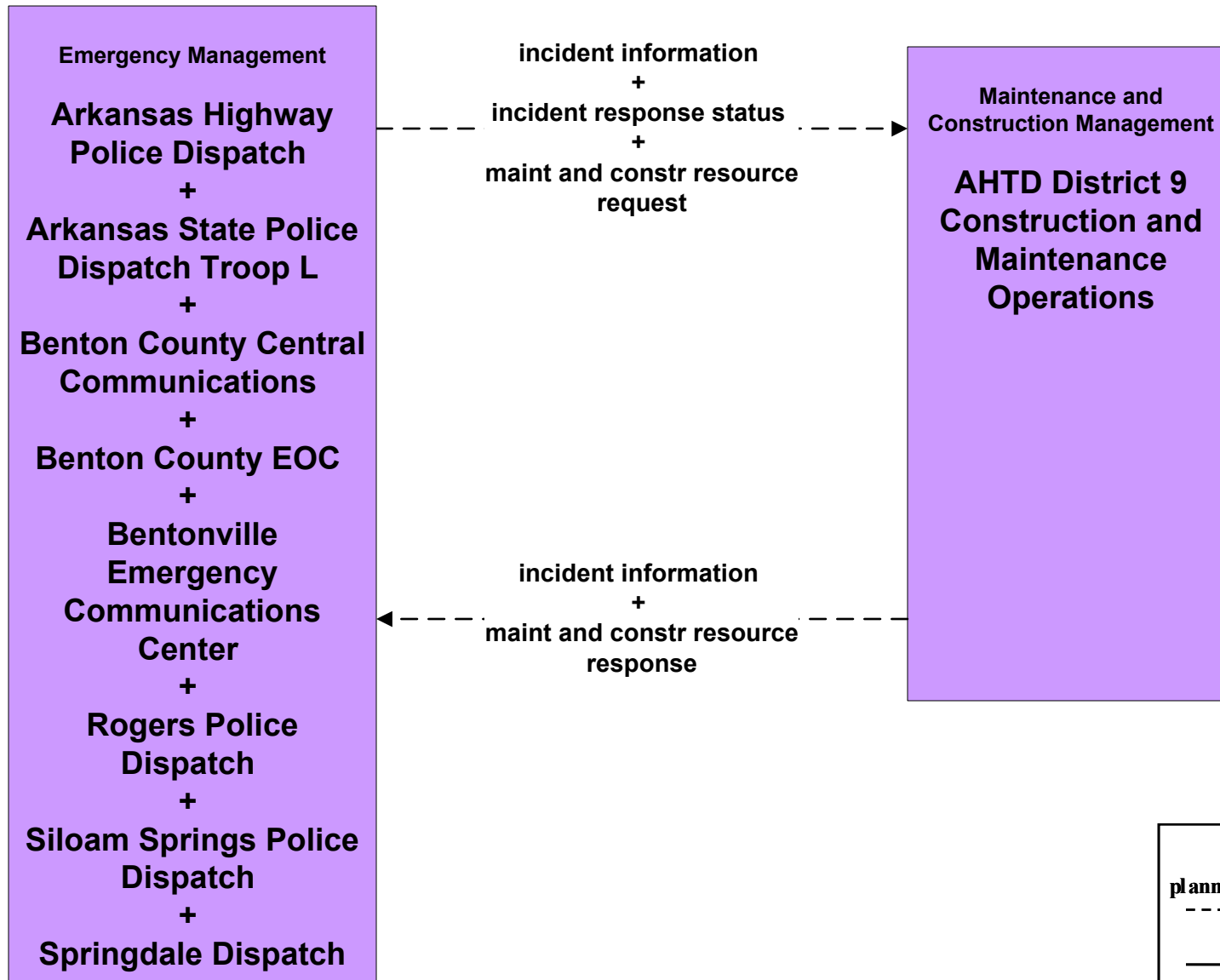
**ATMS08 - Incident Management
County Maintenance Operations (MCM to EM)**



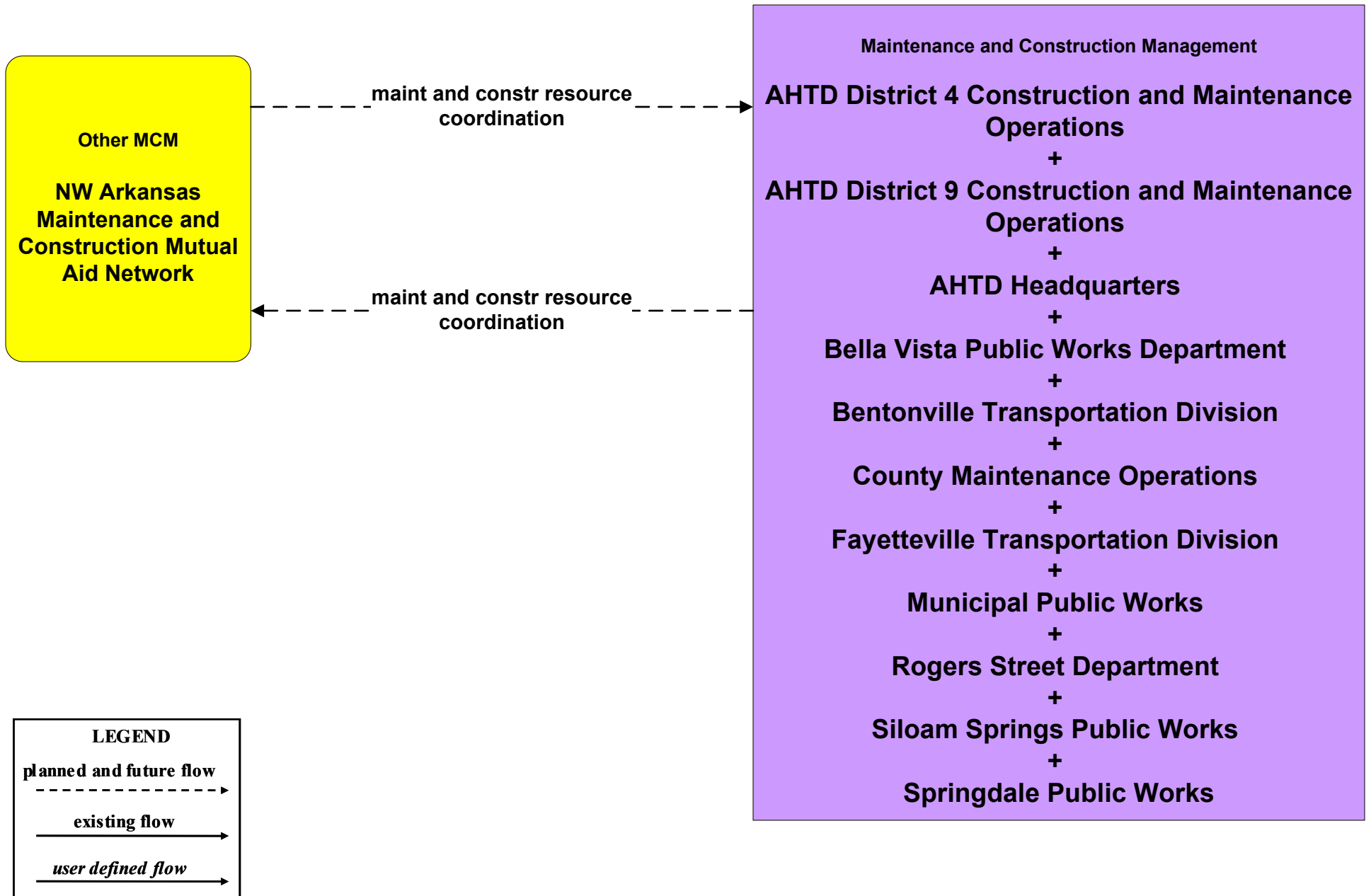
ATMS08 - Incident Management
AHTD District 4 Construction and Maintenance Operations (MCM to EM)



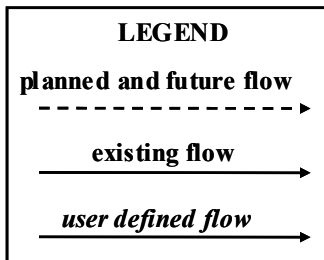
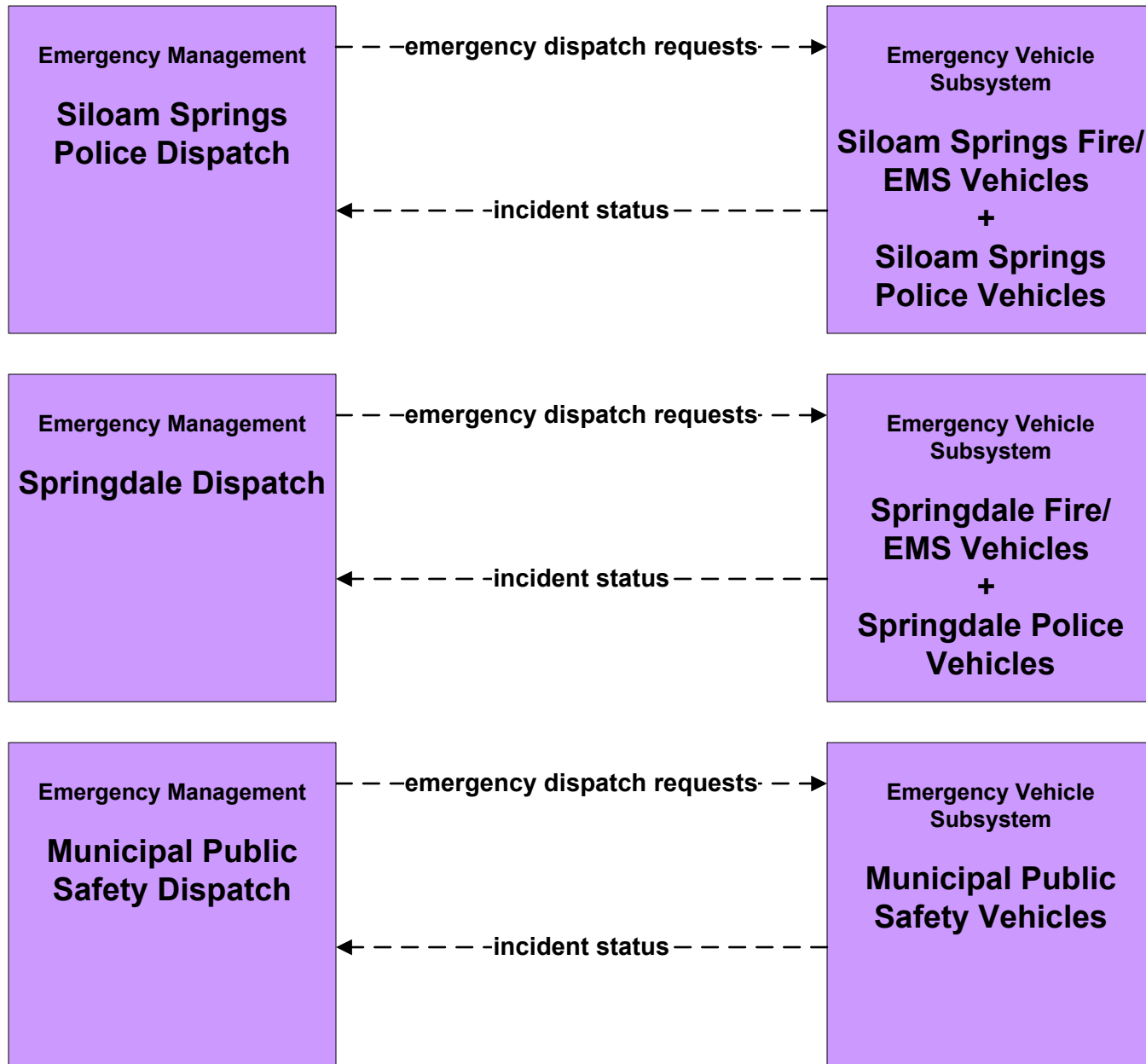
ATMS08 - Incident Management
AHTD District 9 Construction and Maintenance Operations (MCM to EM)



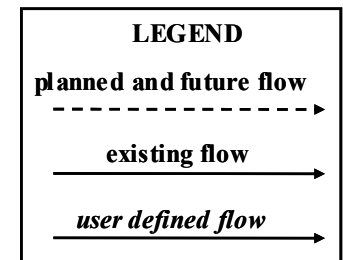
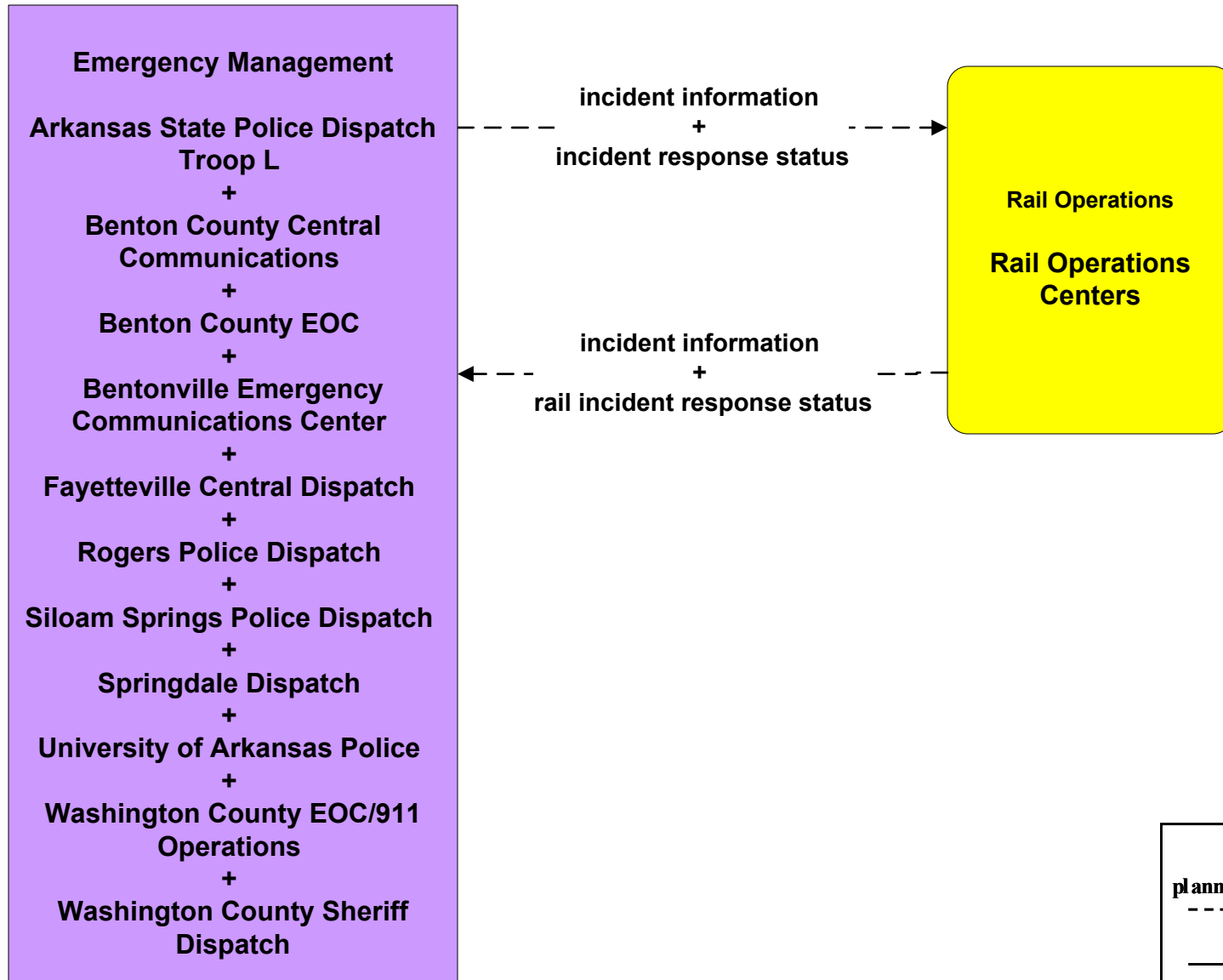
ATMS08 - Incident Management
Northwest Arkansas Maintenance and Construction Mutual Aid Network



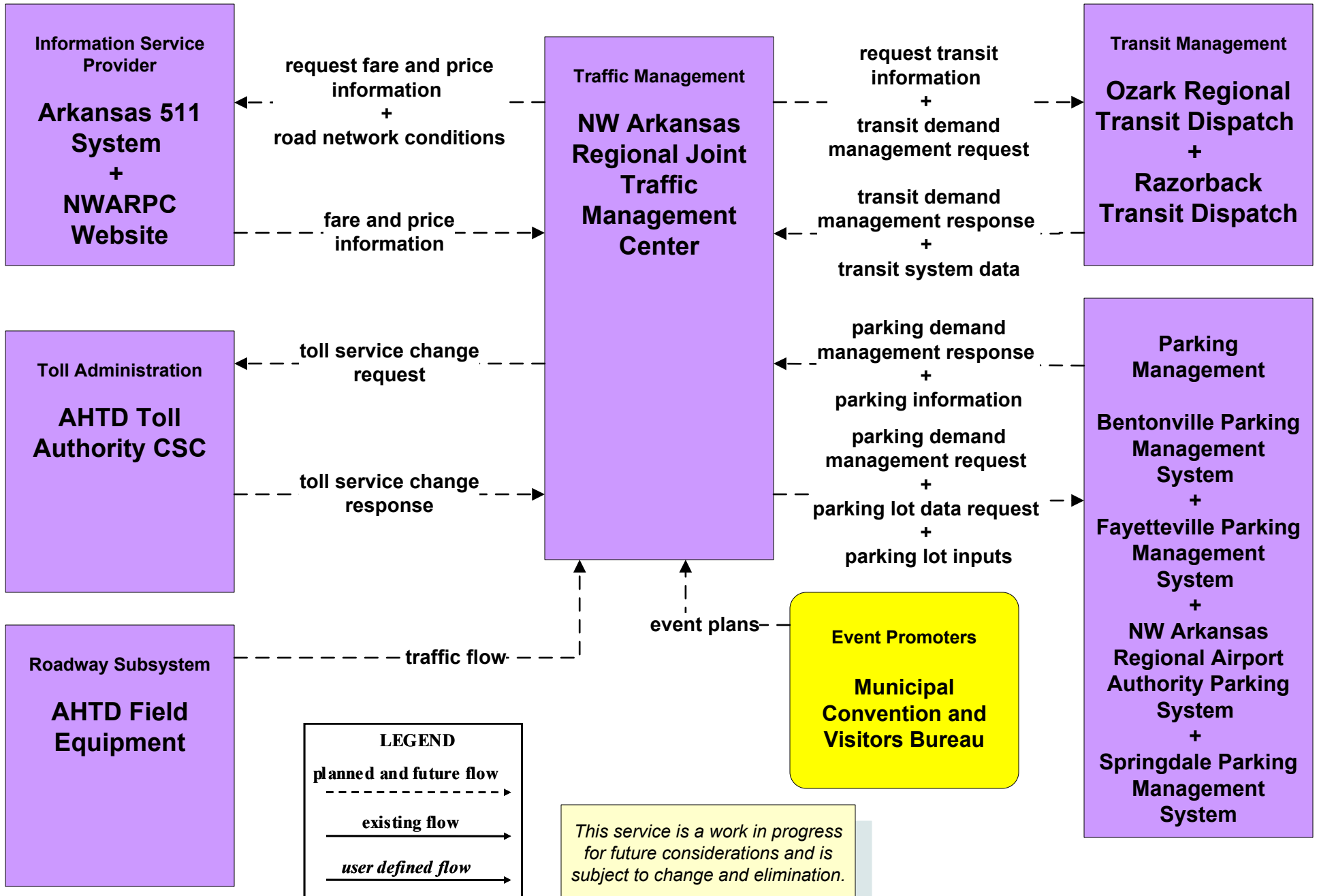
**ATMS08 - Incident Management
(EM to EVS) (3 of 6)**



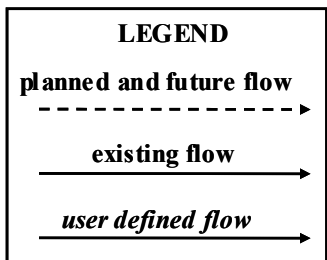
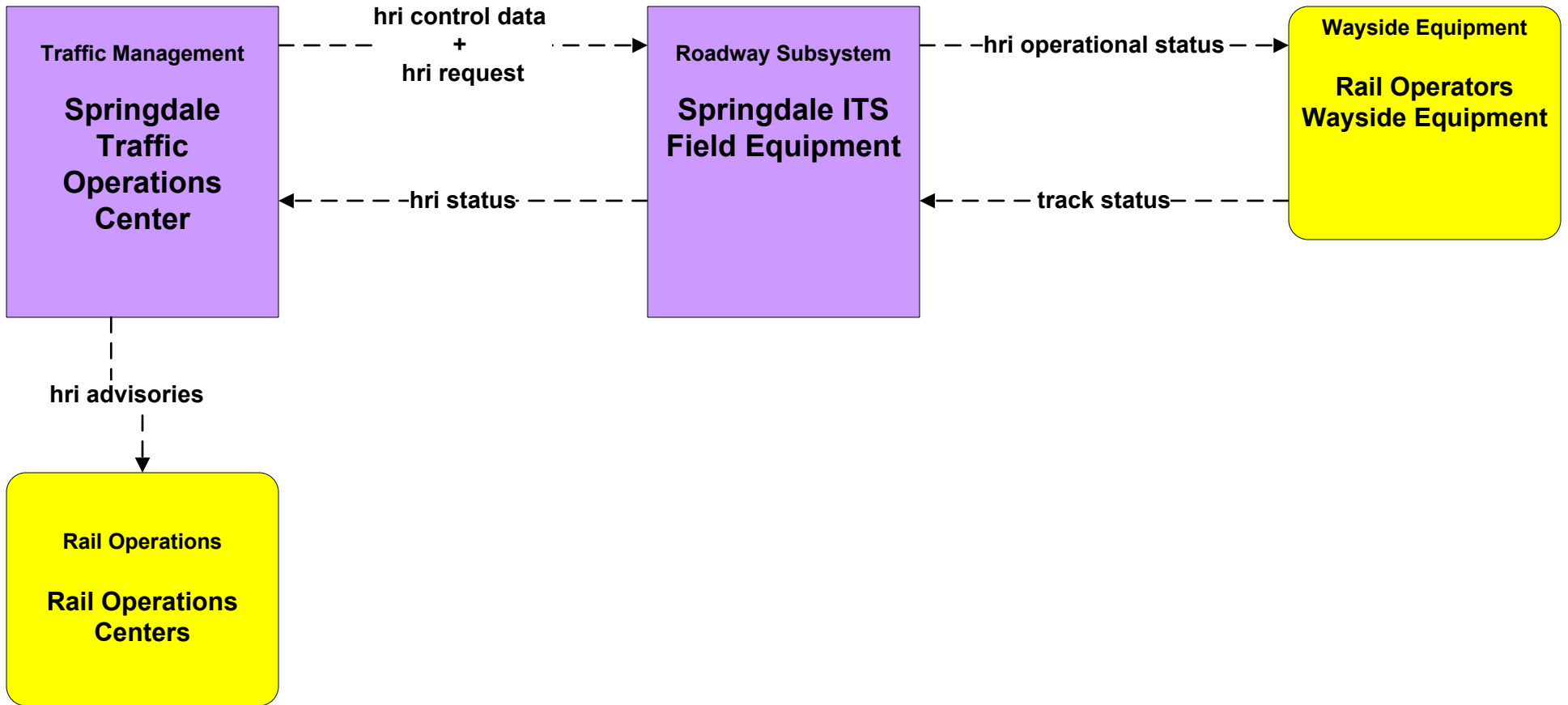
ATMS08 - Incident Management Rail Operations Coordination



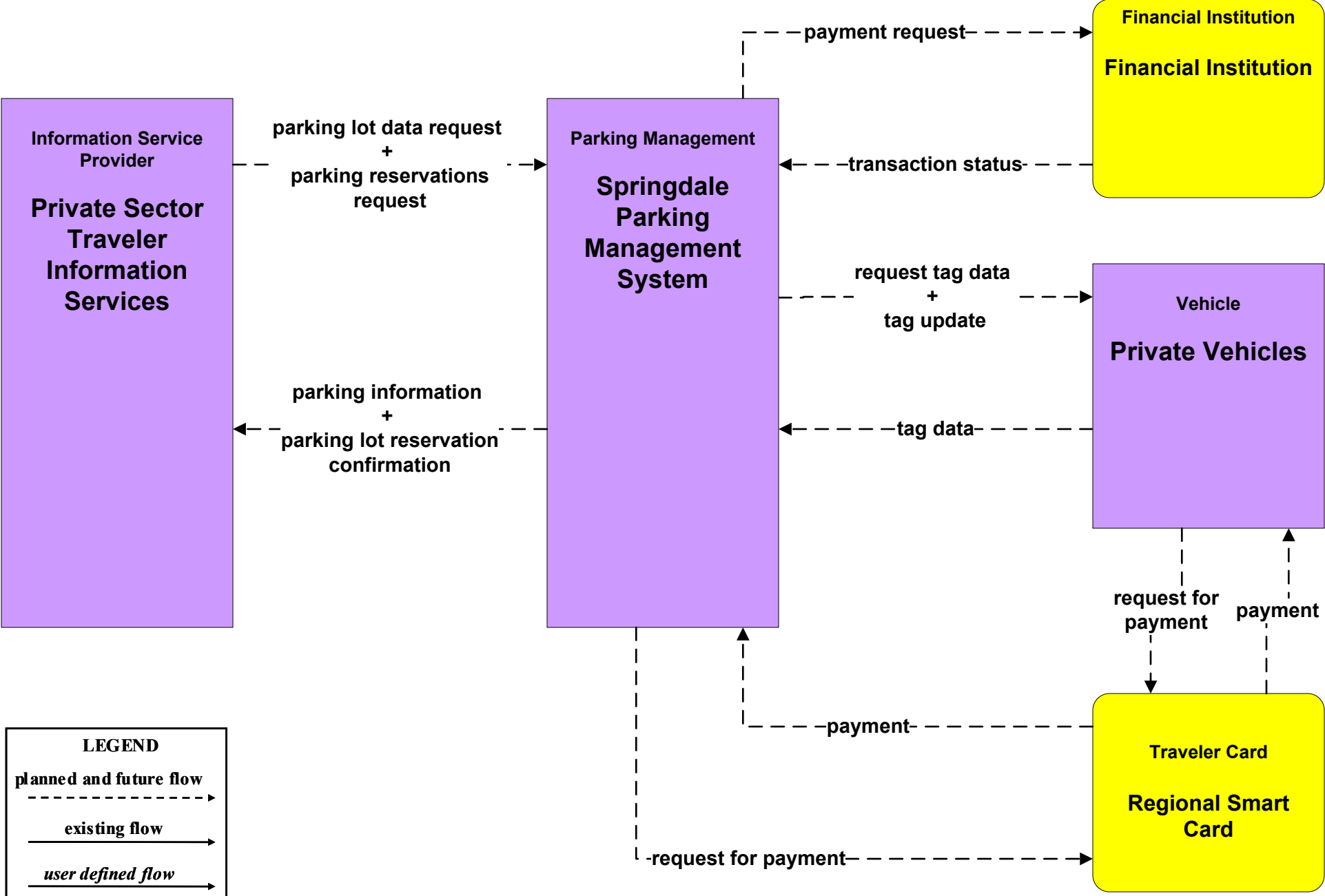
ATMS09 - Traffic Forecast and Demand Management



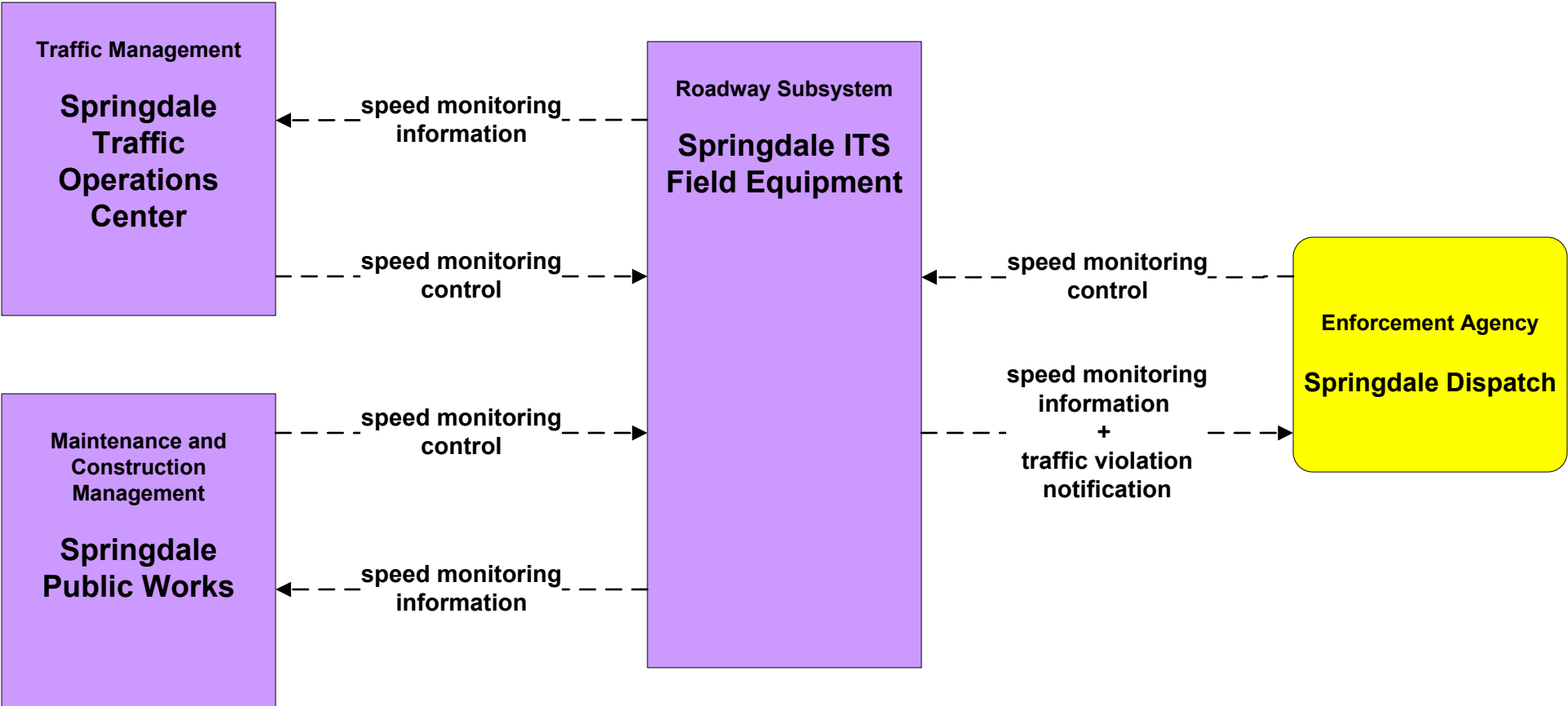
**ATMS13 - Standard Railroad Grade Crossing
Springdale Traffic Operations Center**



ATMS16 - Parking Facility Management Springdale Parking Management System



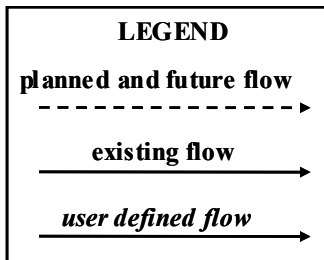
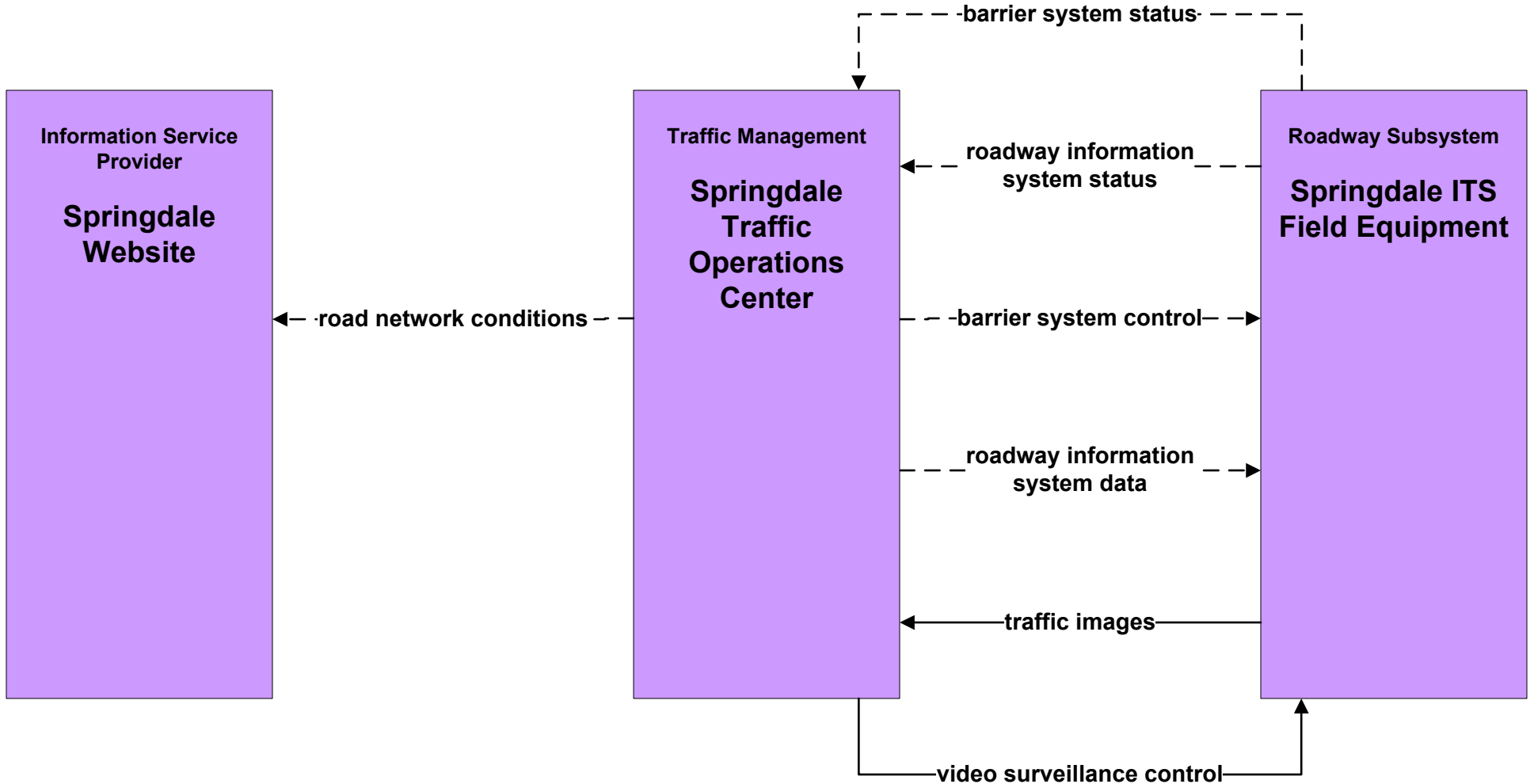
**ATMS19 - Speed Monitoring
Springdale Traffic Operations Center**



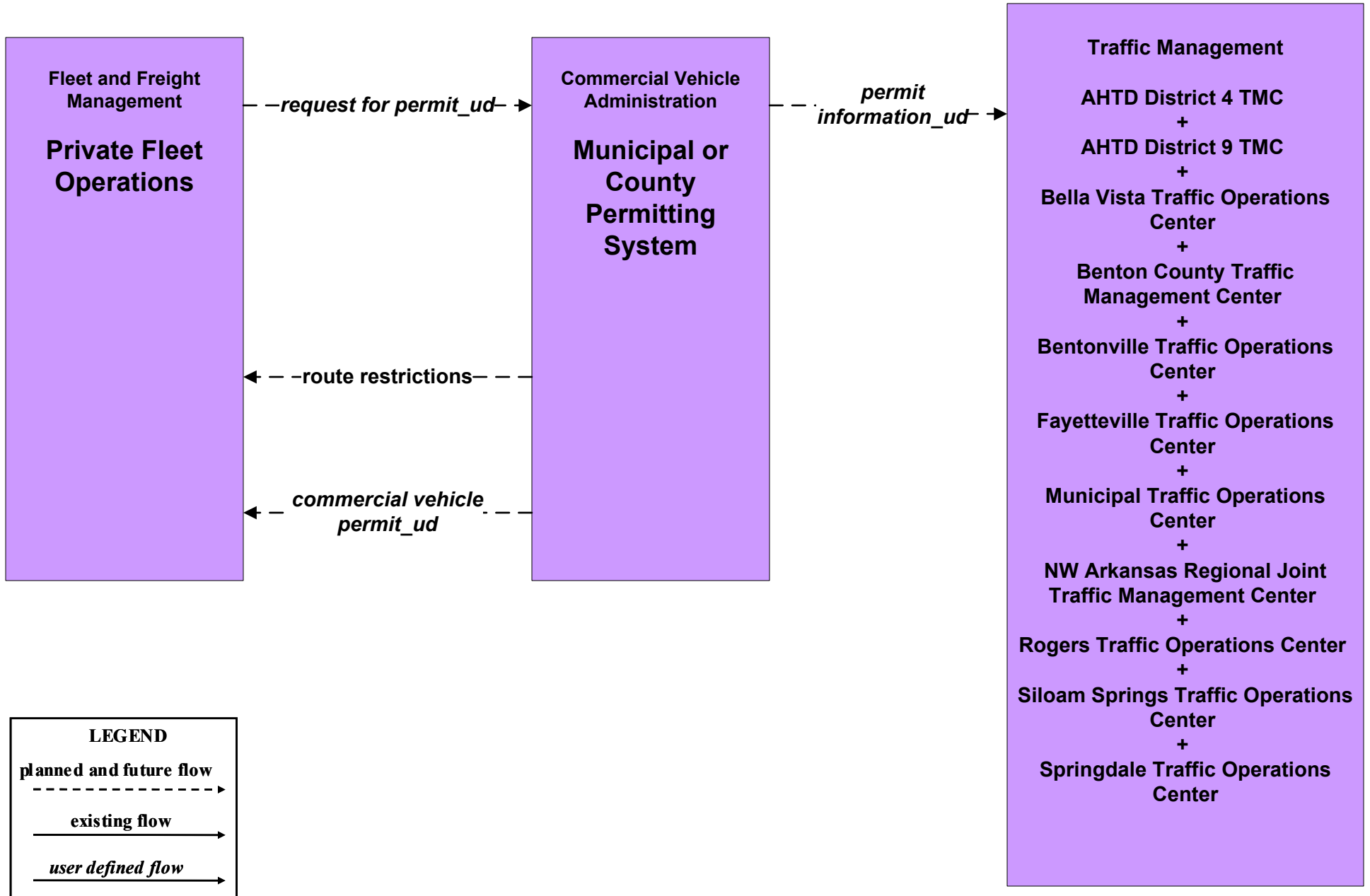
LEGEND

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

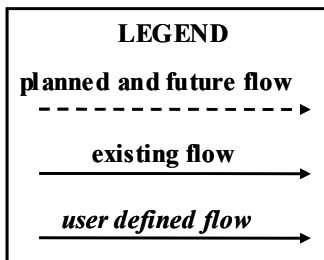
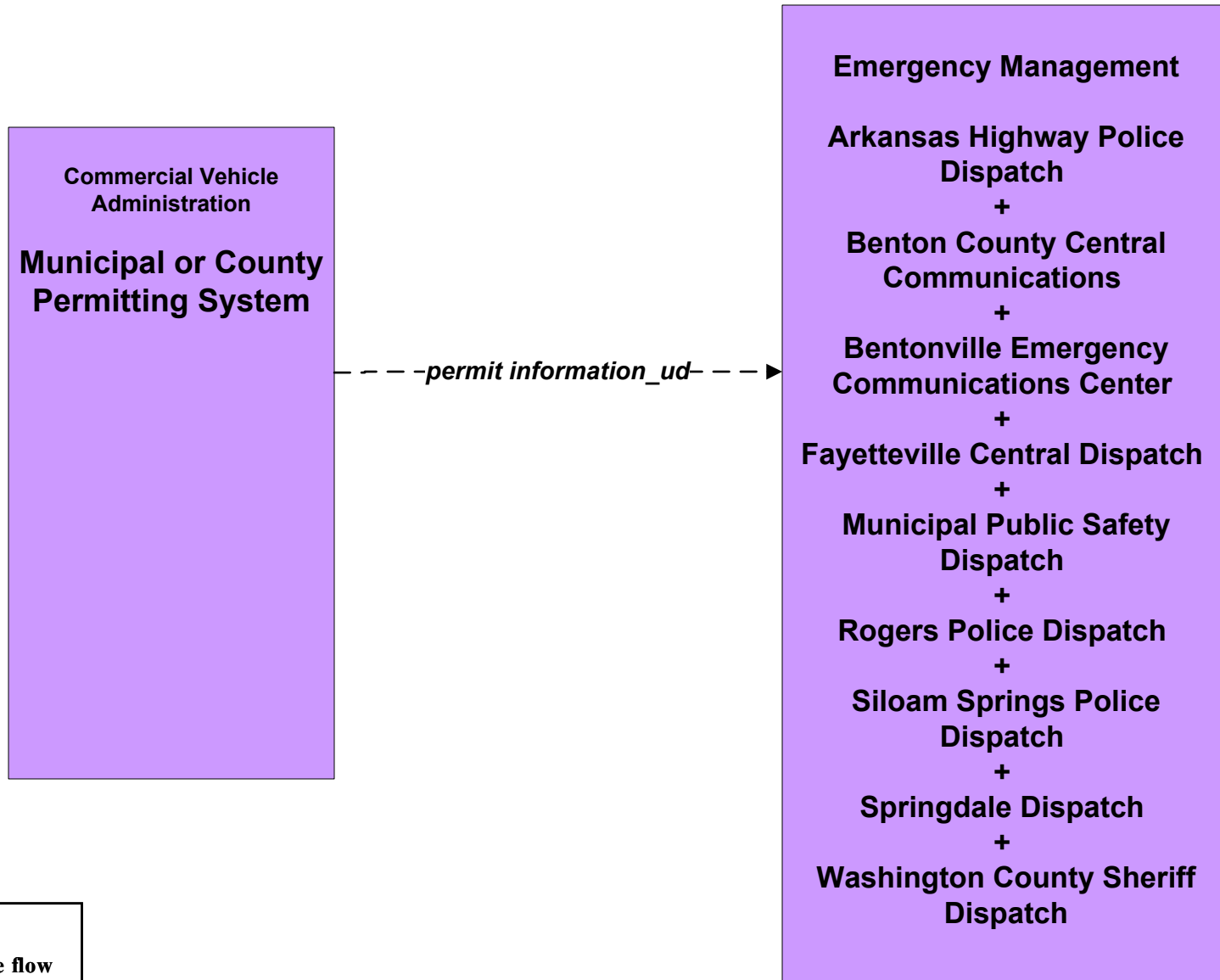
ATMS21 - Roadway Closure Management Springdale Traffic Operations Center



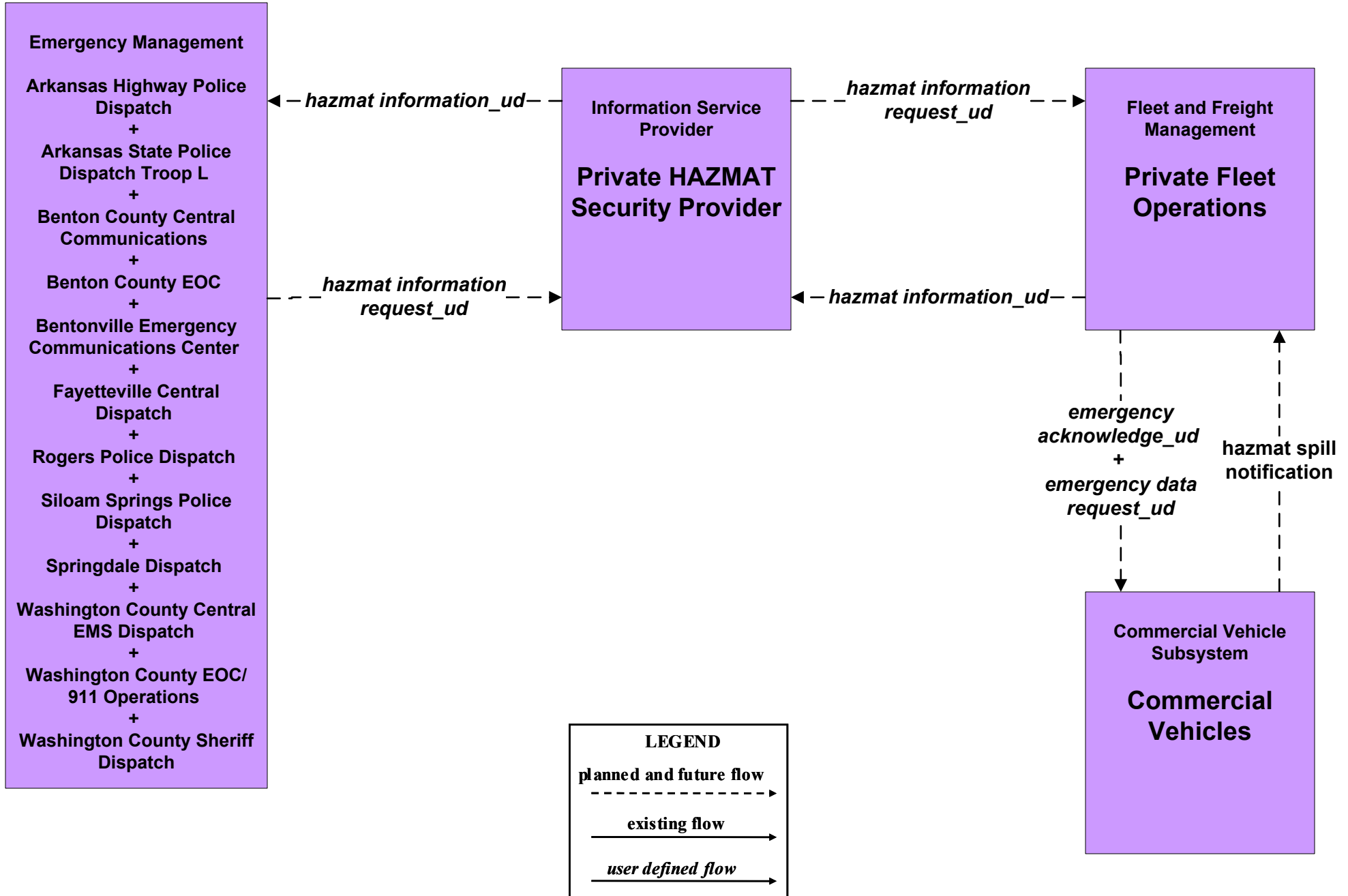
**CVO04 - CV Administrative Processes
Municipal or County Permitting System (1 of 2)**



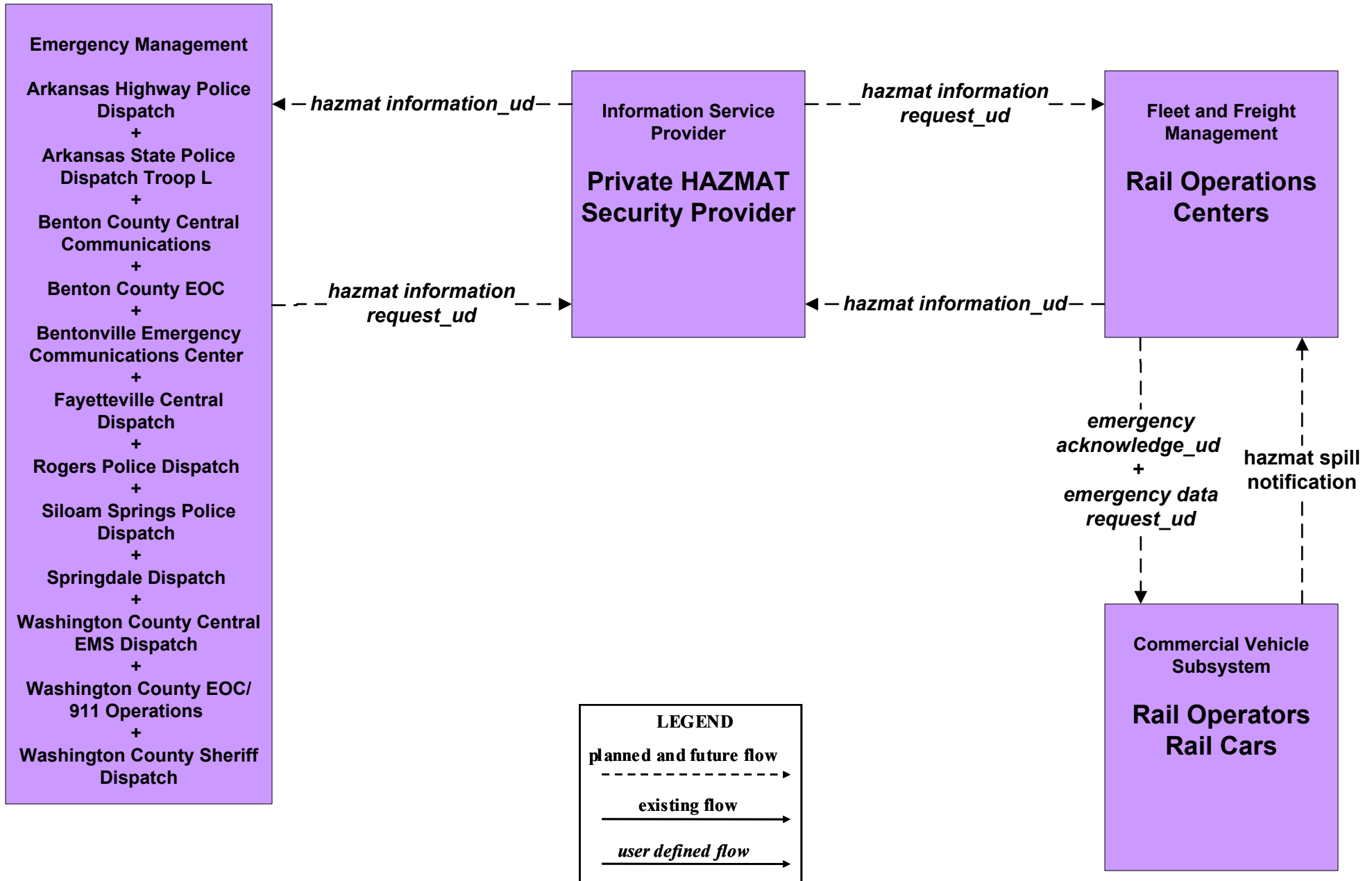
CVO04 - CV Administrative Processes
Municipal or County Permitting System (2 of 2)



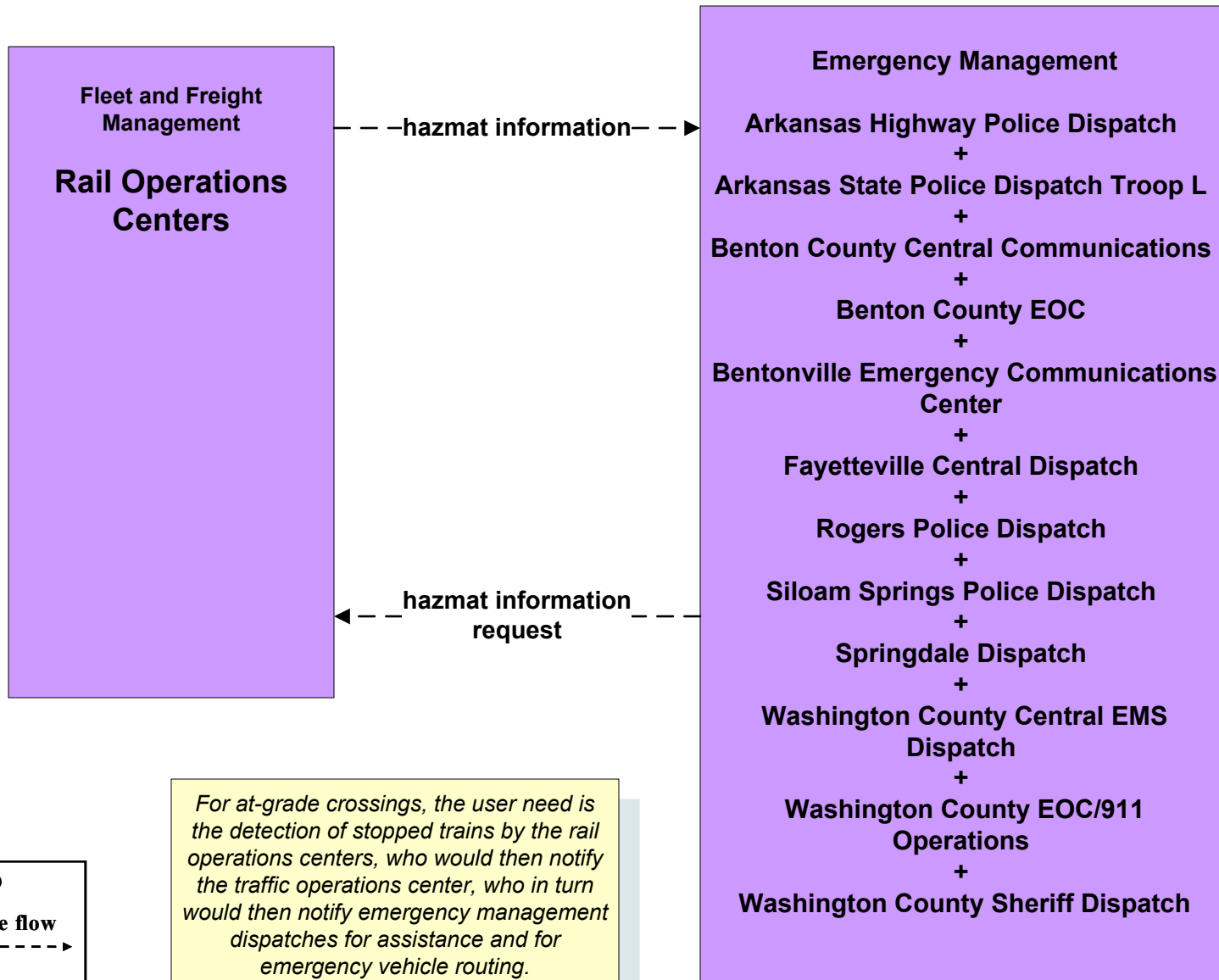
CVO10 - HAZMAT Management Commercial Vehicles



CVO10 - HAZMAT Management Rail Cars (1 of 2)



CVO10 - HAZMAT Management Rail Cars (2 of 2)



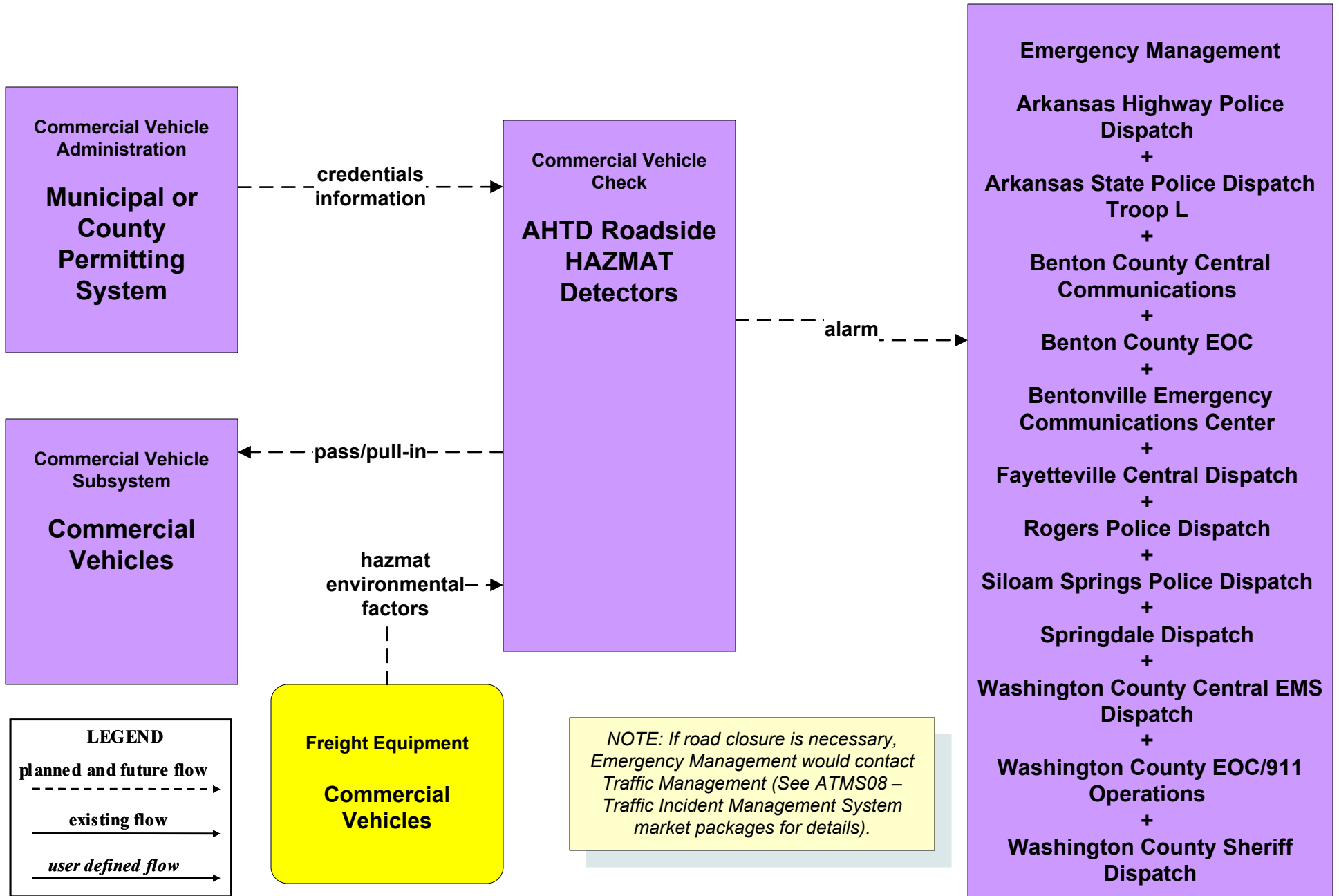
For at-grade crossings, the user need is the detection of stopped trains by the rail operations centers, who would then notify the traffic operations center, who in turn would then notify emergency management dispatches for assistance and for emergency vehicle routing.

LEGEND

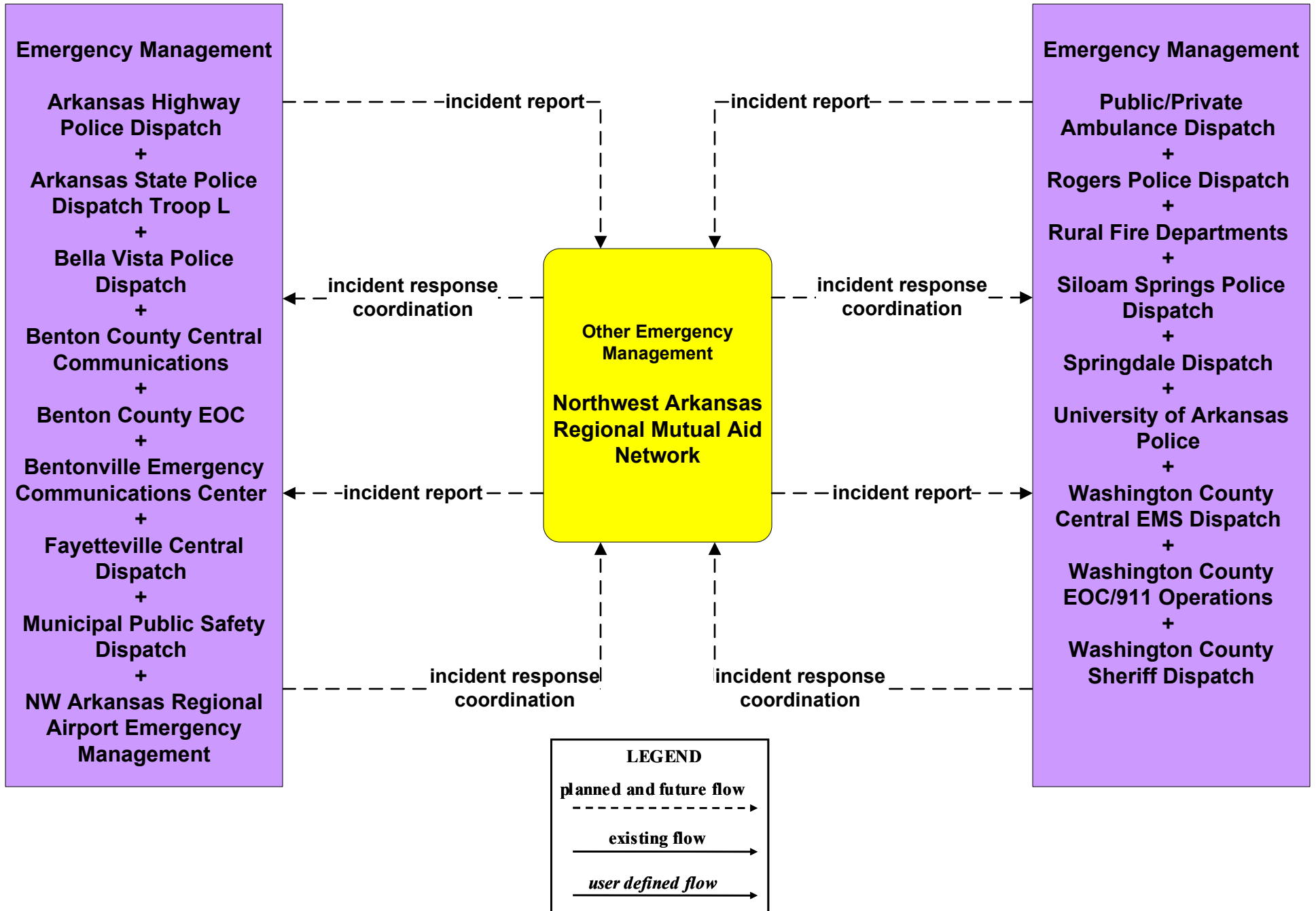
- planned and future flow**
----->
- existing flow**
—————>
- user defined flow**
—————>

CVO11 – Roadside HAZMAT Security Detection and Mitigation

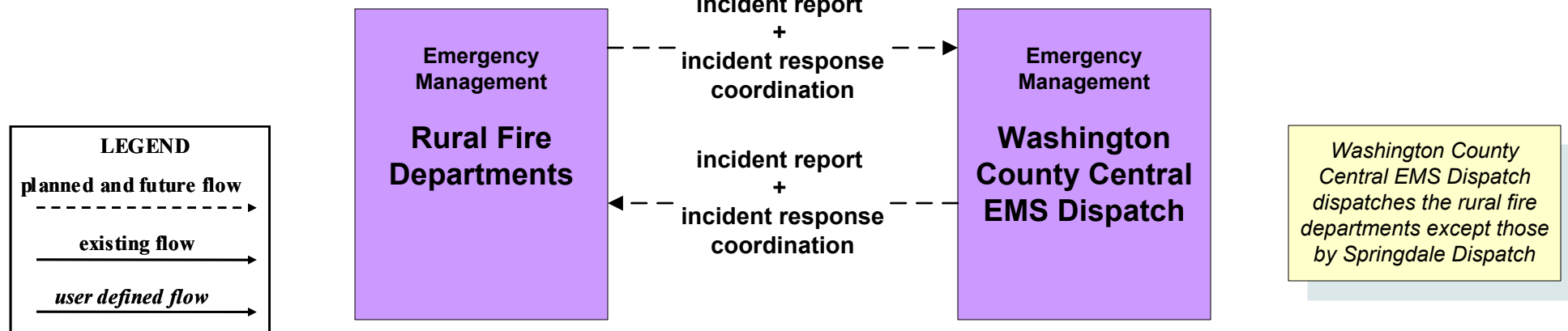
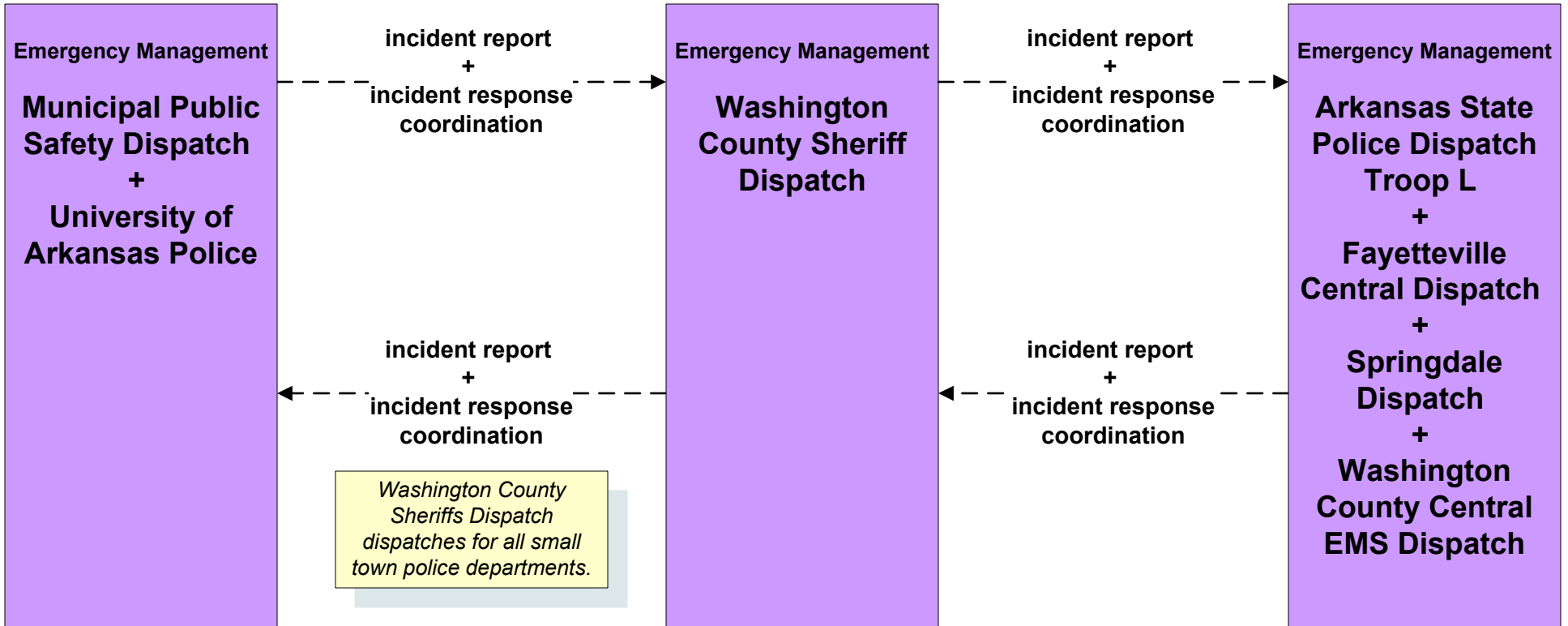
AHTD Roadside HAZMAT Detectors



EM01 - Emergency Call Taking and Dispatch Northwest Arkansas Regional Mutual Aid Network



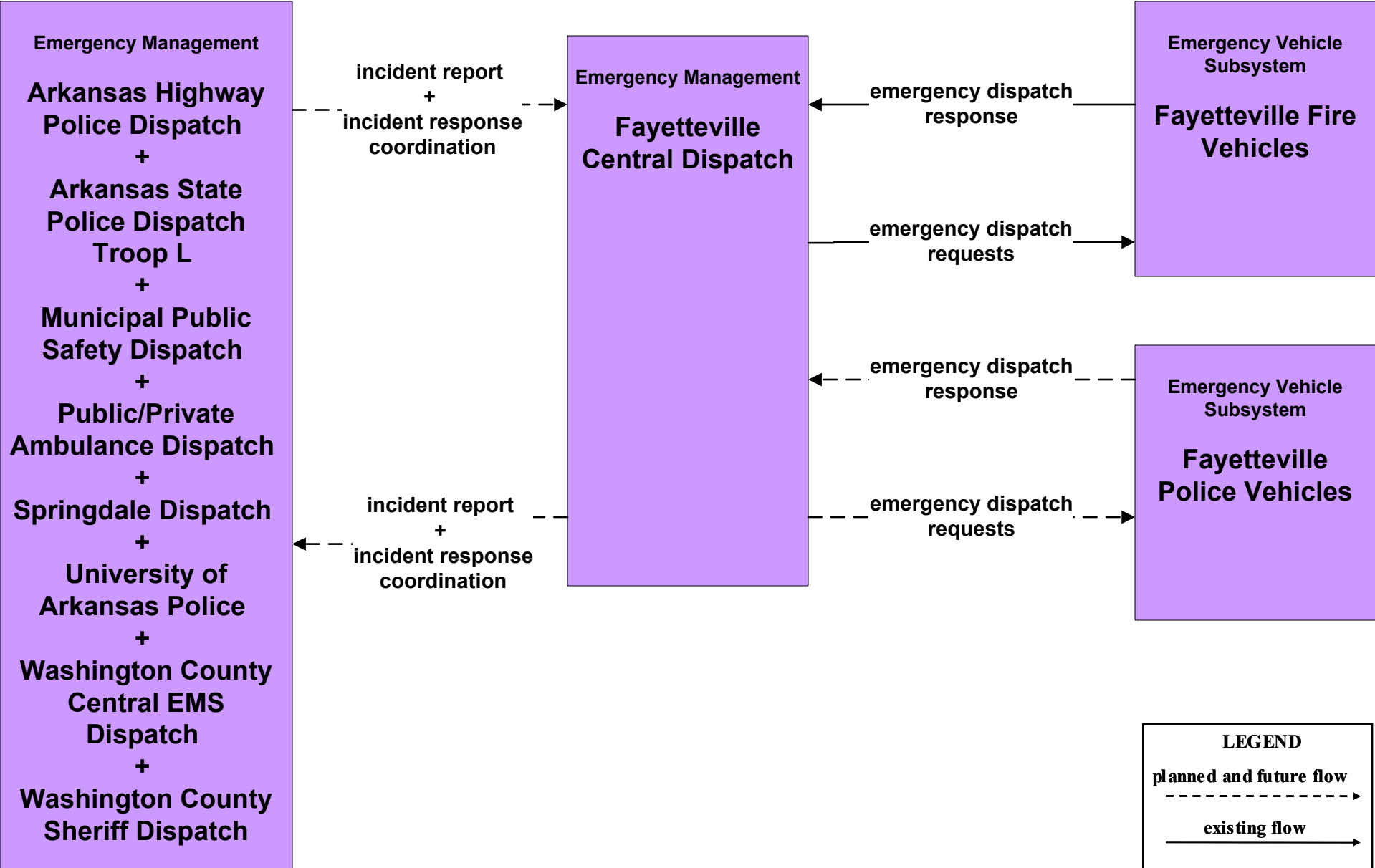
EM01 - Emergency Call Taking and Dispatch Washington County PSAP



LEGEND

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

**EM01 - Emergency Call Taking and Dispatch
Fayetteville PSAP**



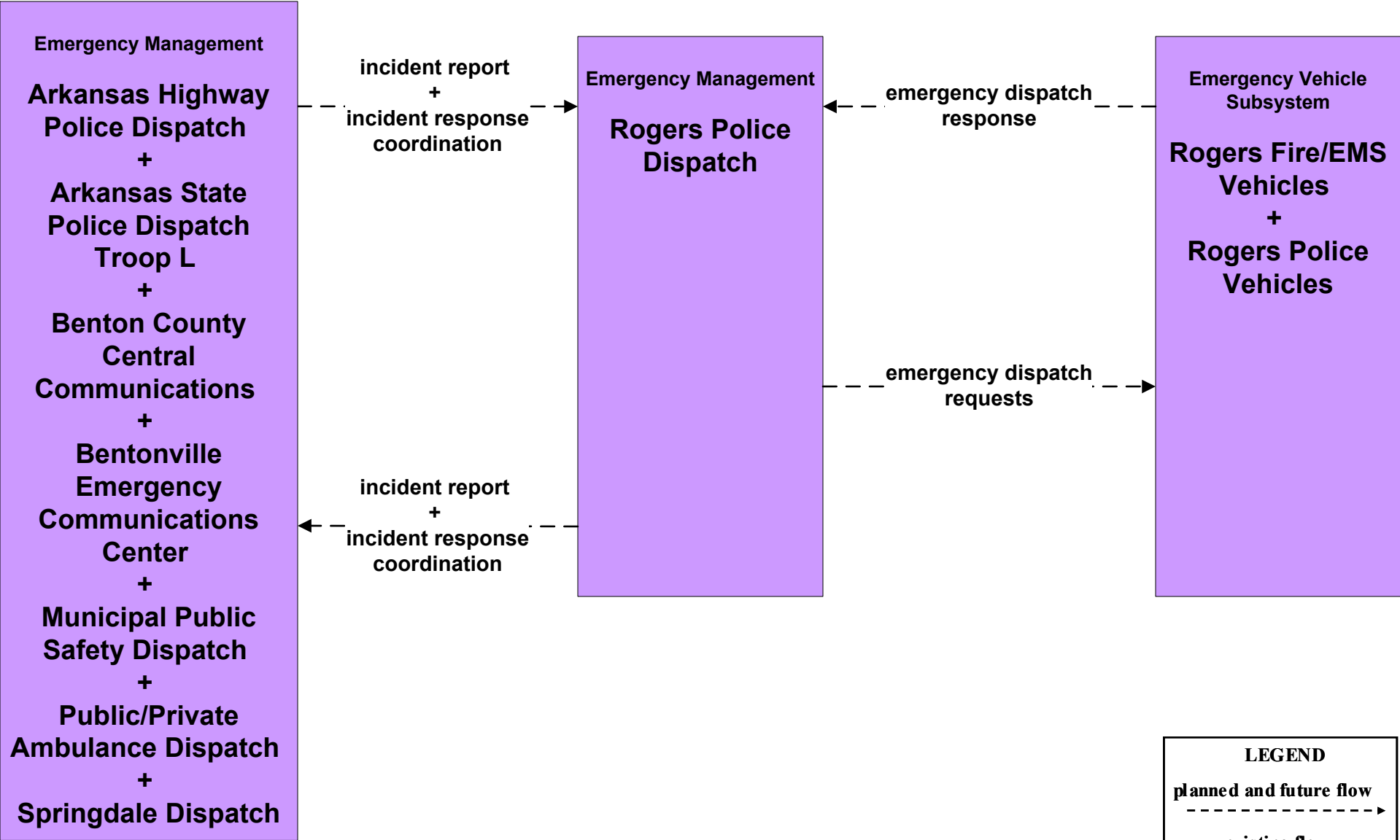
LEGEND

planned and future flow
----->

existing flow
—————>

user defined flow
—————>

**EM01 - Emergency Call Taking and Dispatch
Rogers PSAP**



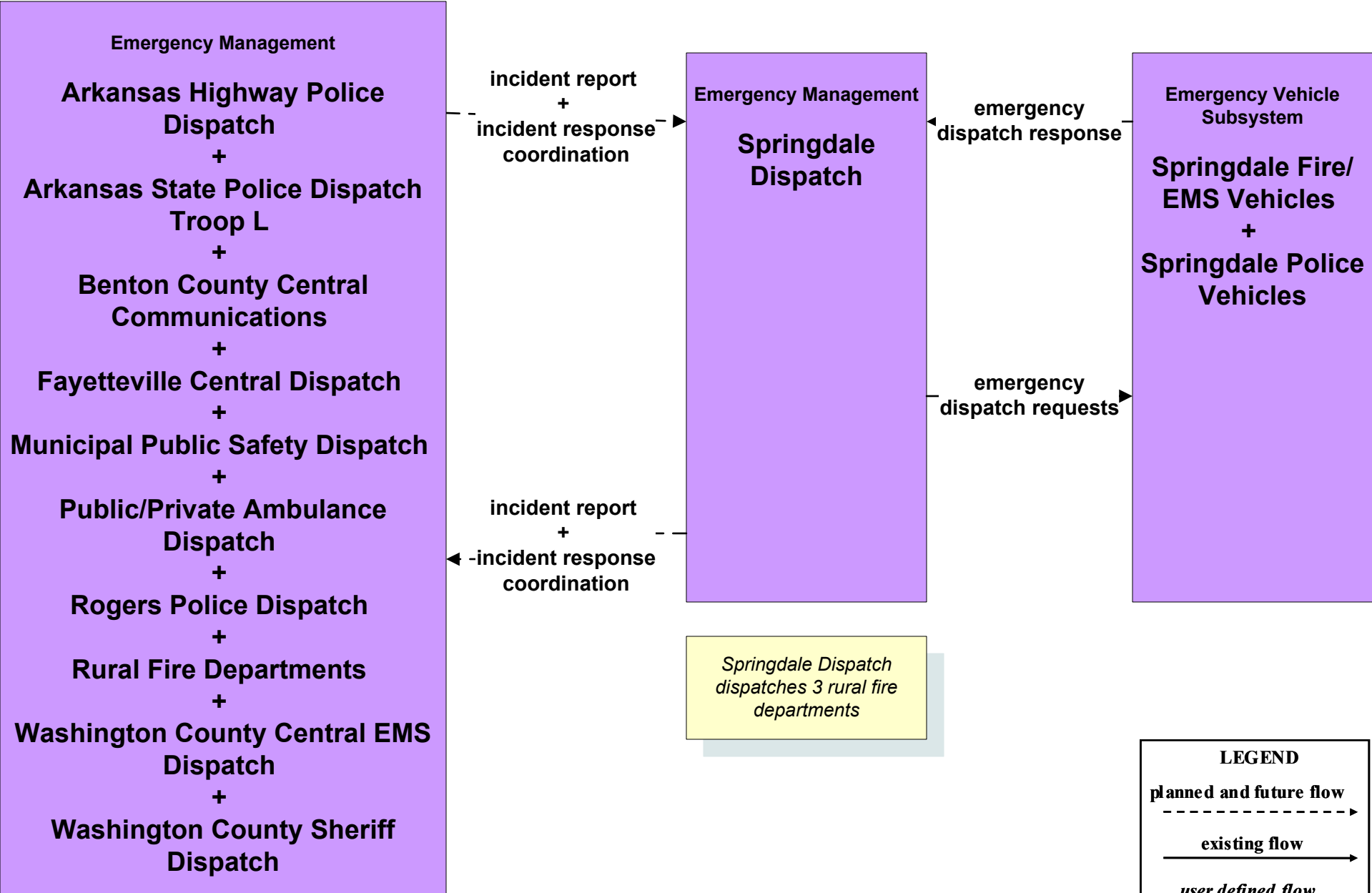
LEGEND

planned and future flow
 ----->

existing flow
 _____>

user defined flow
 _____>

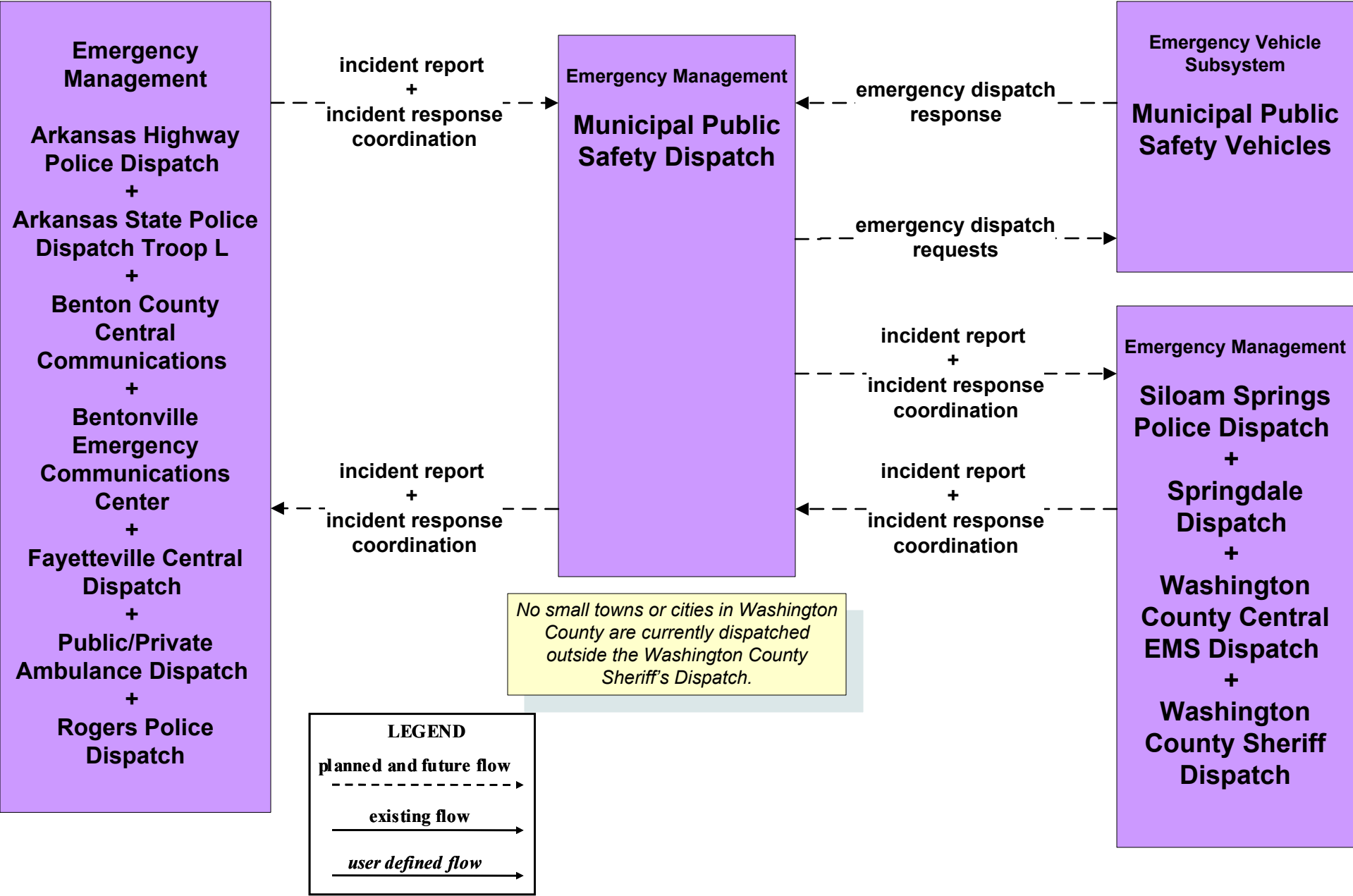
EM01 - Emergency Call Taking and Dispatch Springdale PSAP



LEGEND

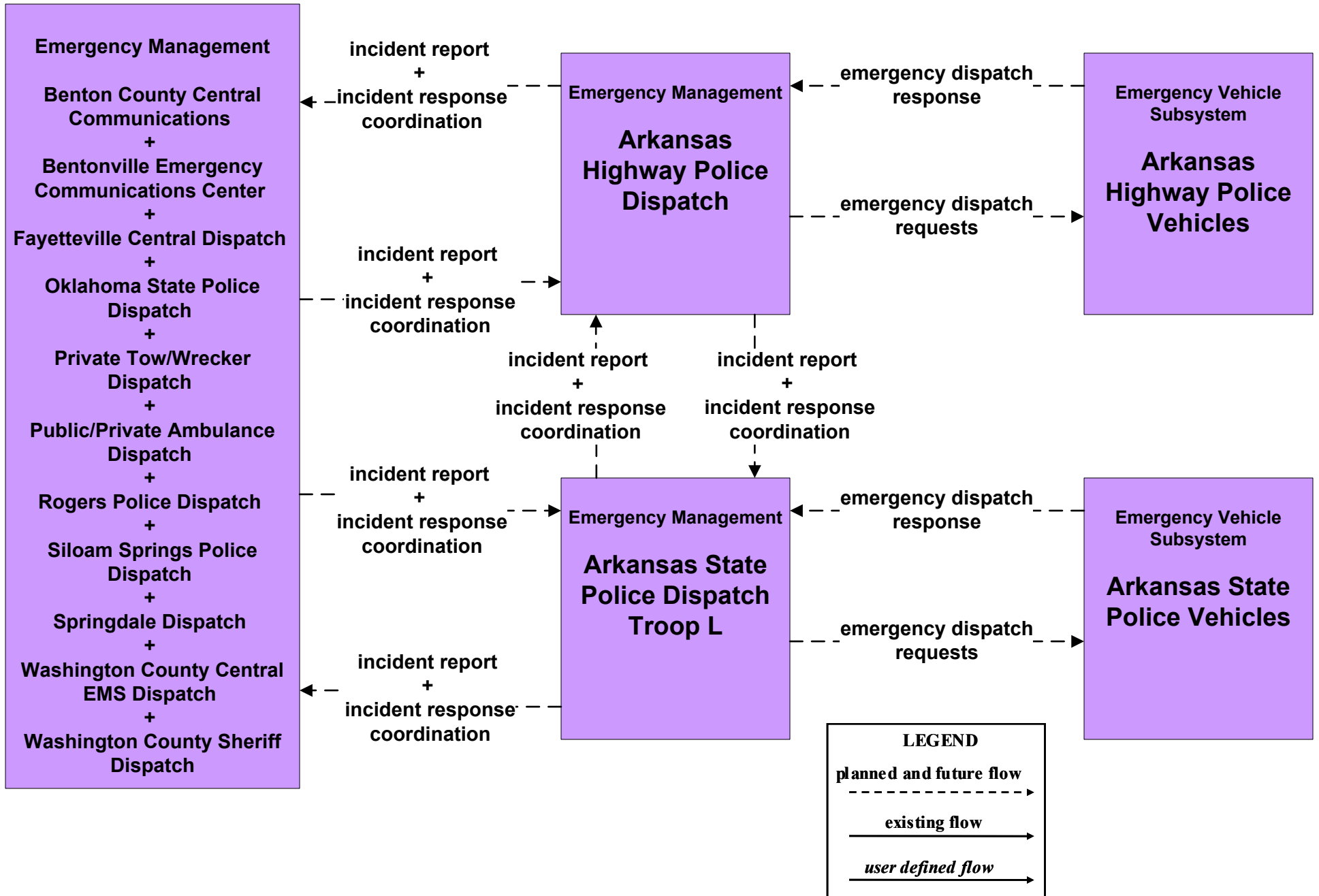
- planned and future flow
----->
- existing flow
—————>
- user defined flow
—————>

EM01 - Emergency Call Taking and Dispatch Municipal Public Safety Dispatch

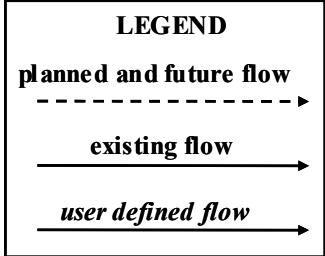
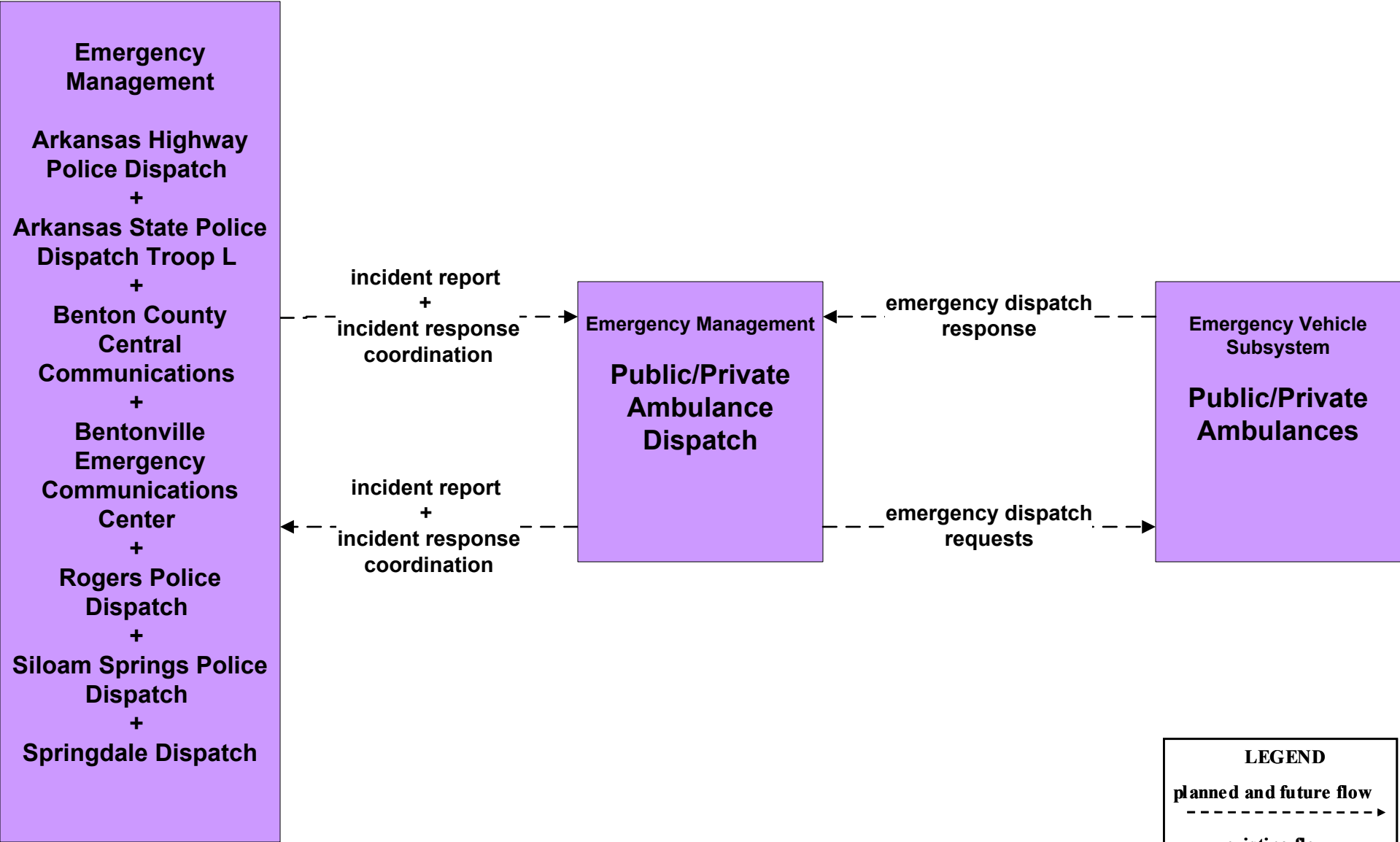


EM01 - Emergency Call Taking and Dispatch

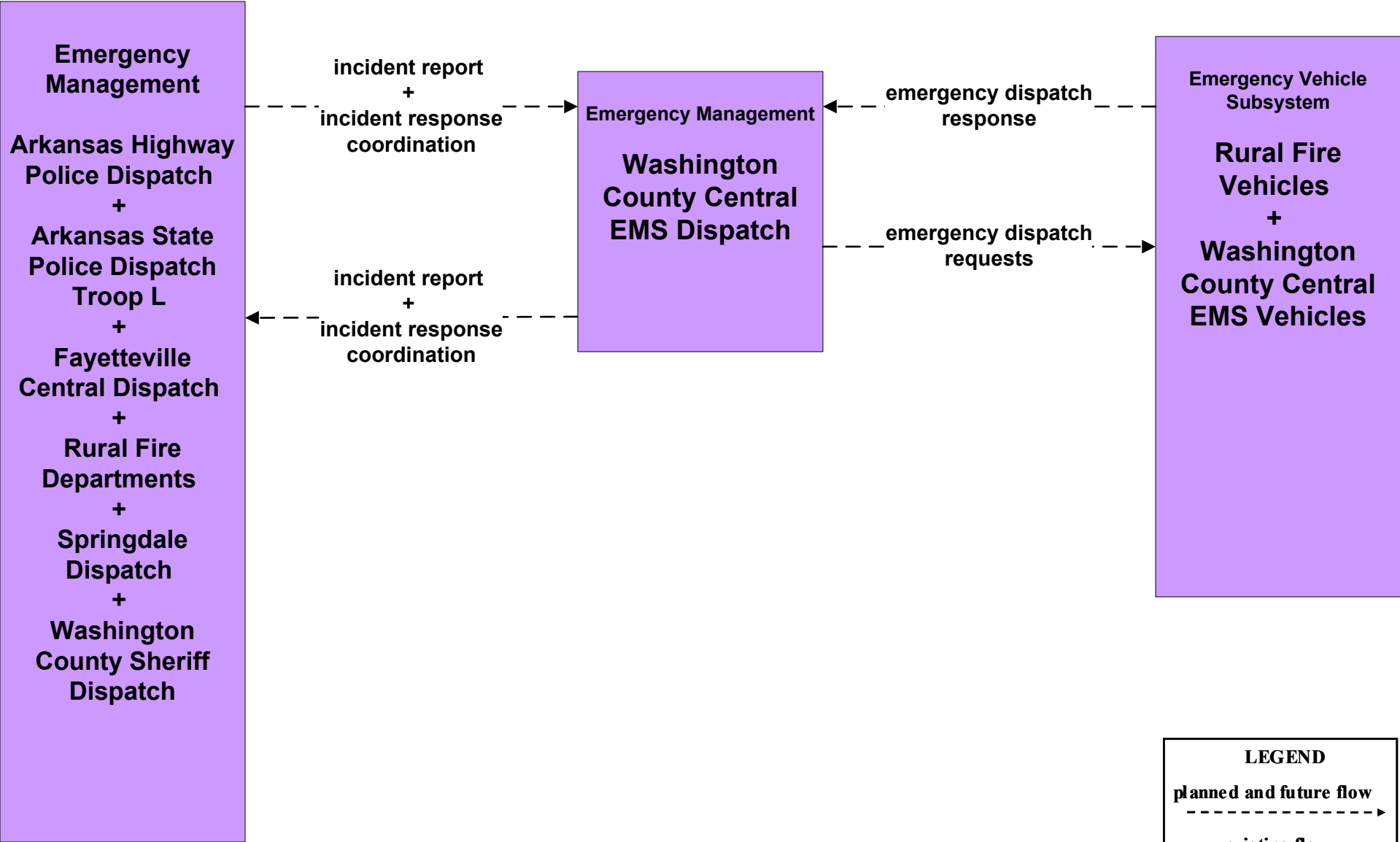
Arkansas Highway Police / Arkansas State Police



**EM01 - Emergency Call Taking and Dispatch
Public/Private Ambulance Service**



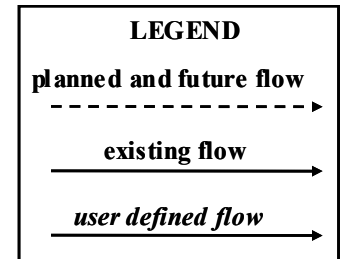
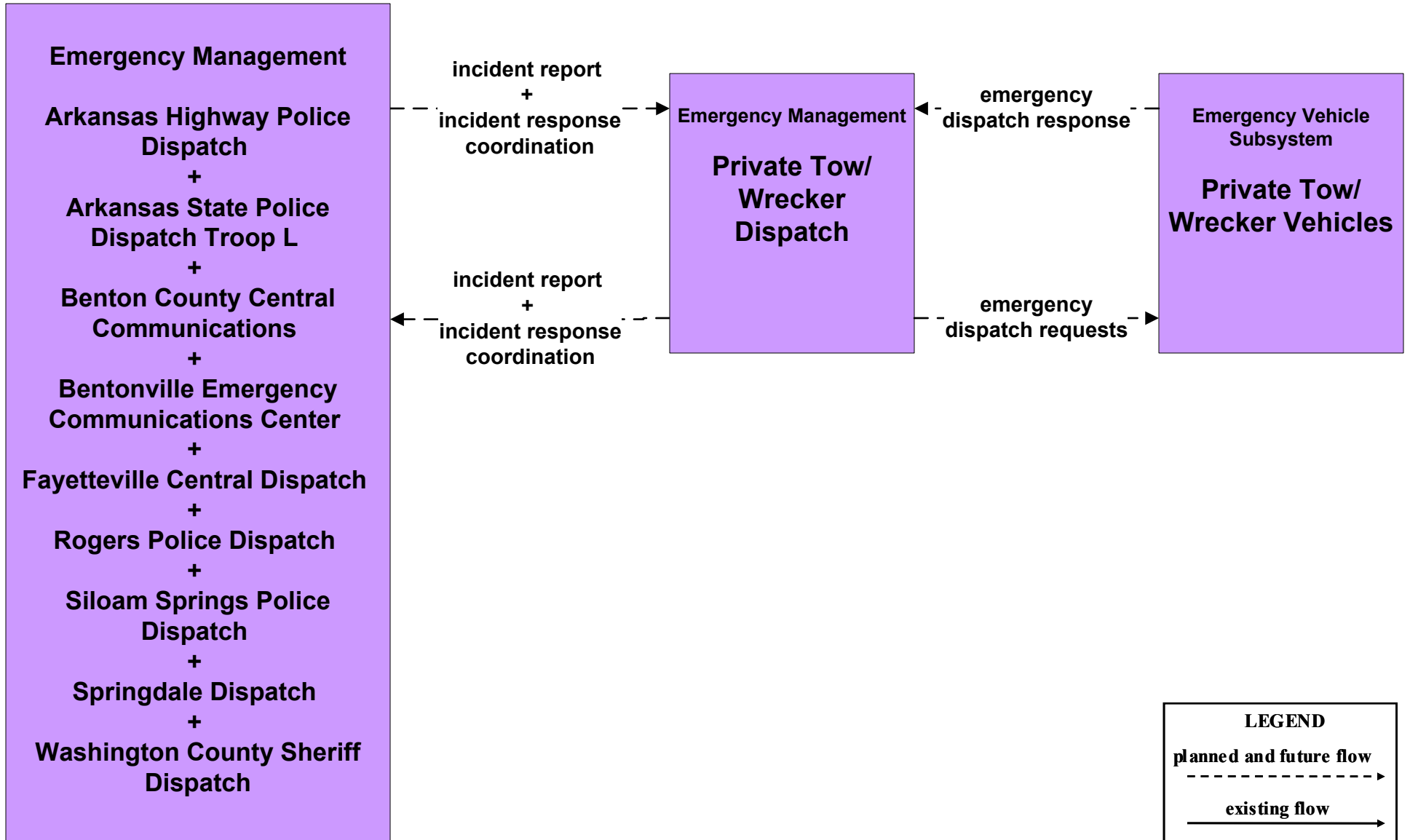
**EM01 - Emergency Call Taking and Dispatch
Washington County Central EMS Dispatch**



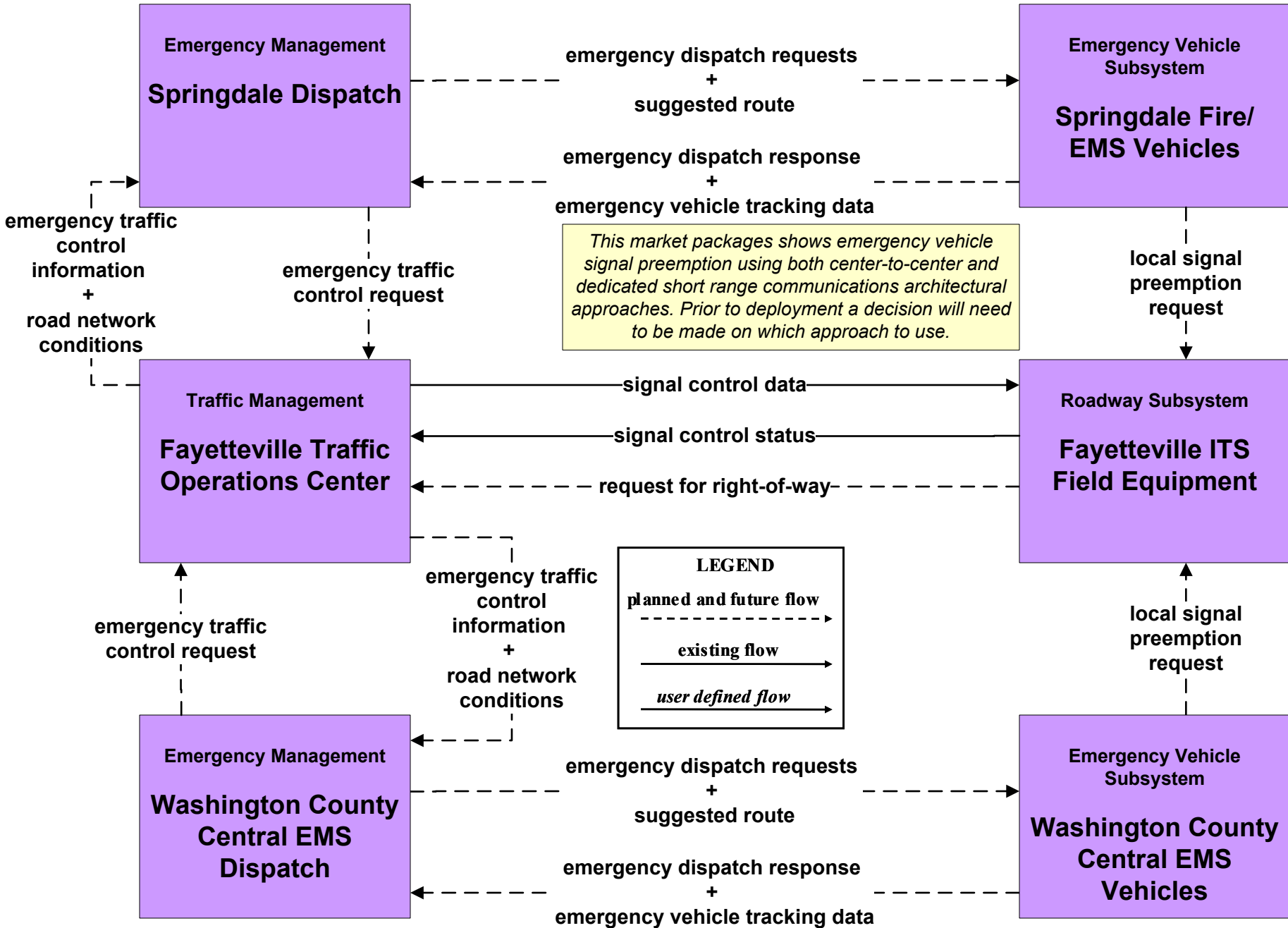
LEGEND

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

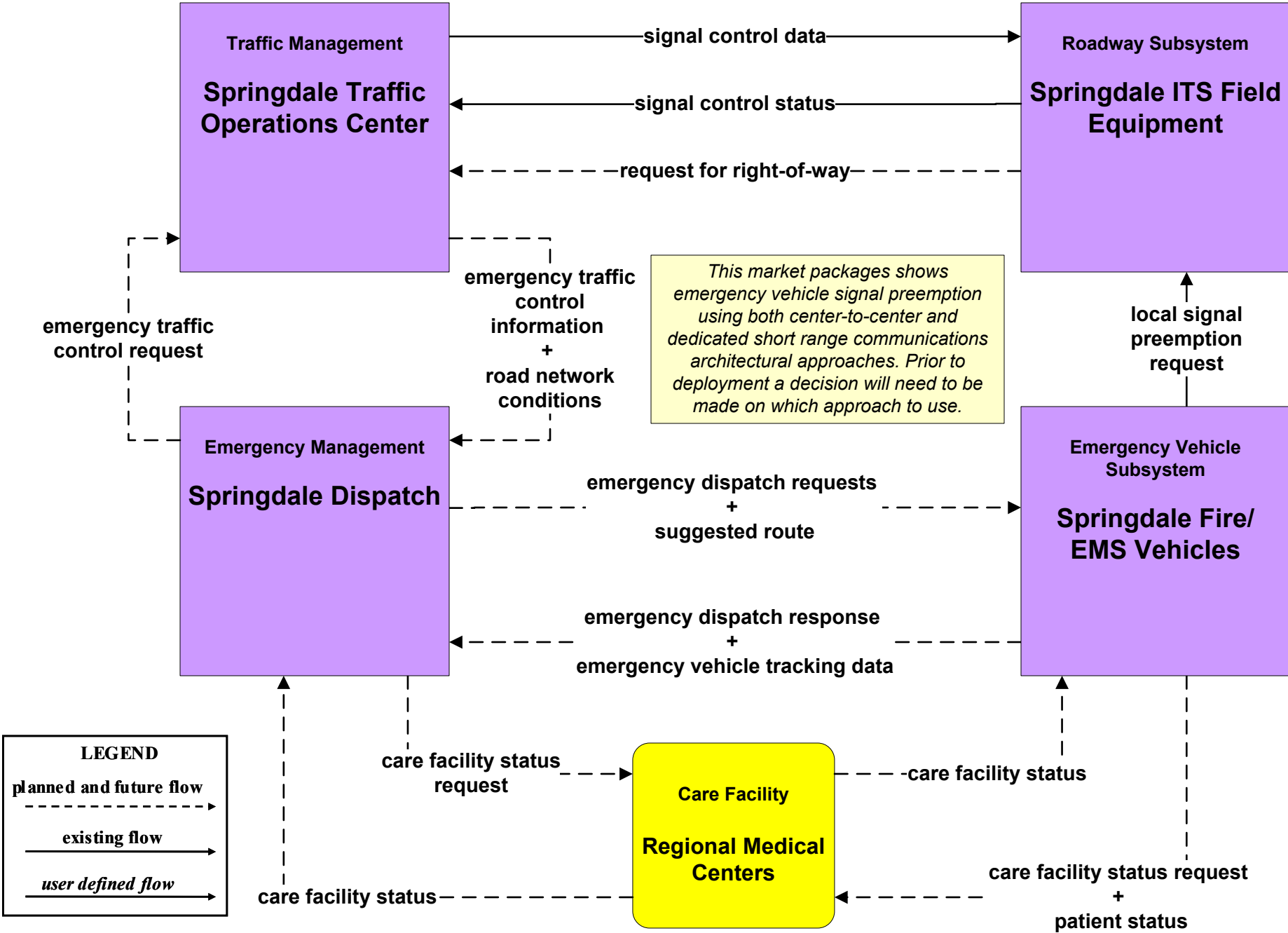
EM01 - Emergency Call Taking and Dispatch Private Tow/Wrecker



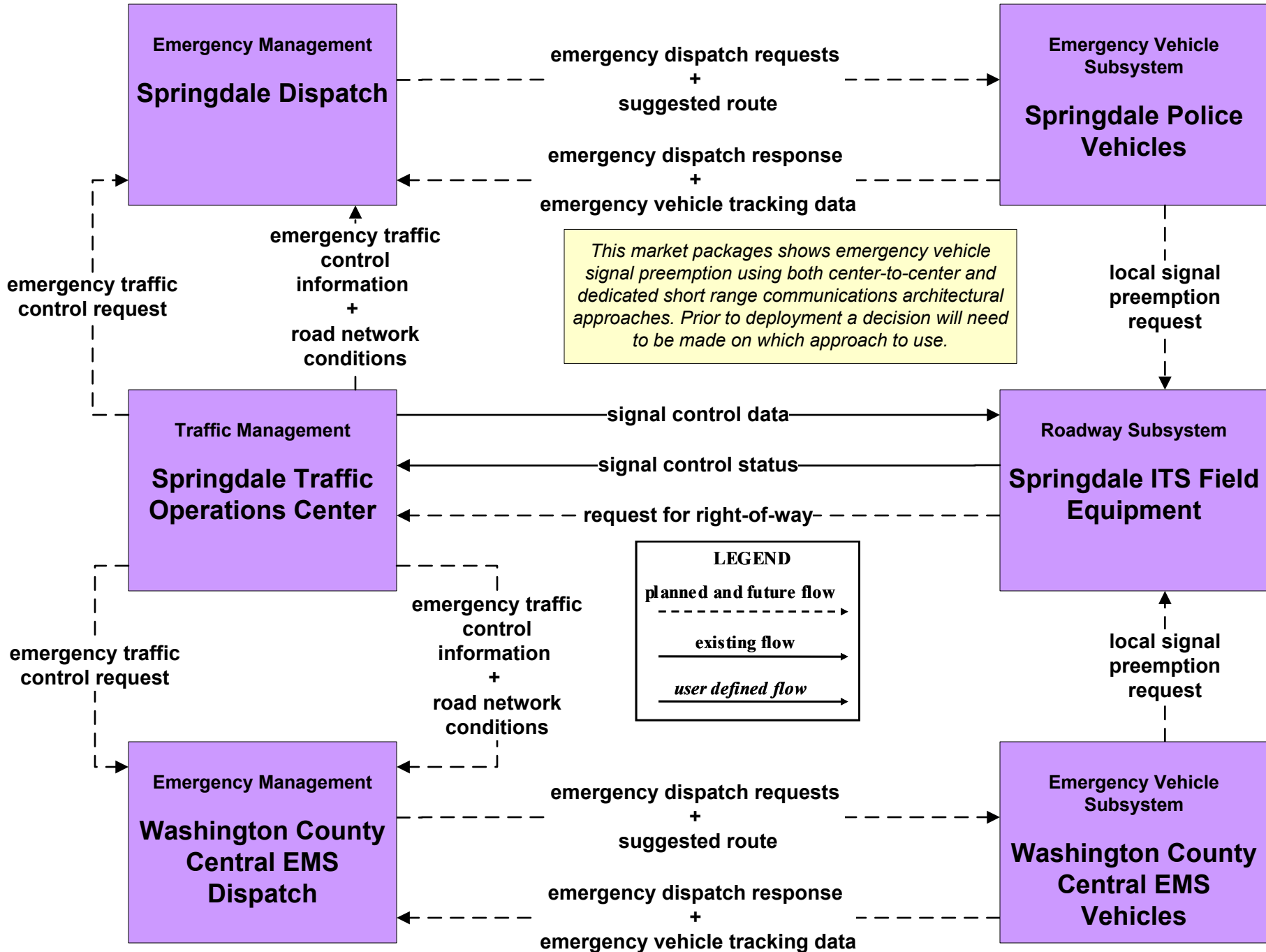
EM02 - Emergency Routing Fayetteville Traffic Operations Center (2 of 2)



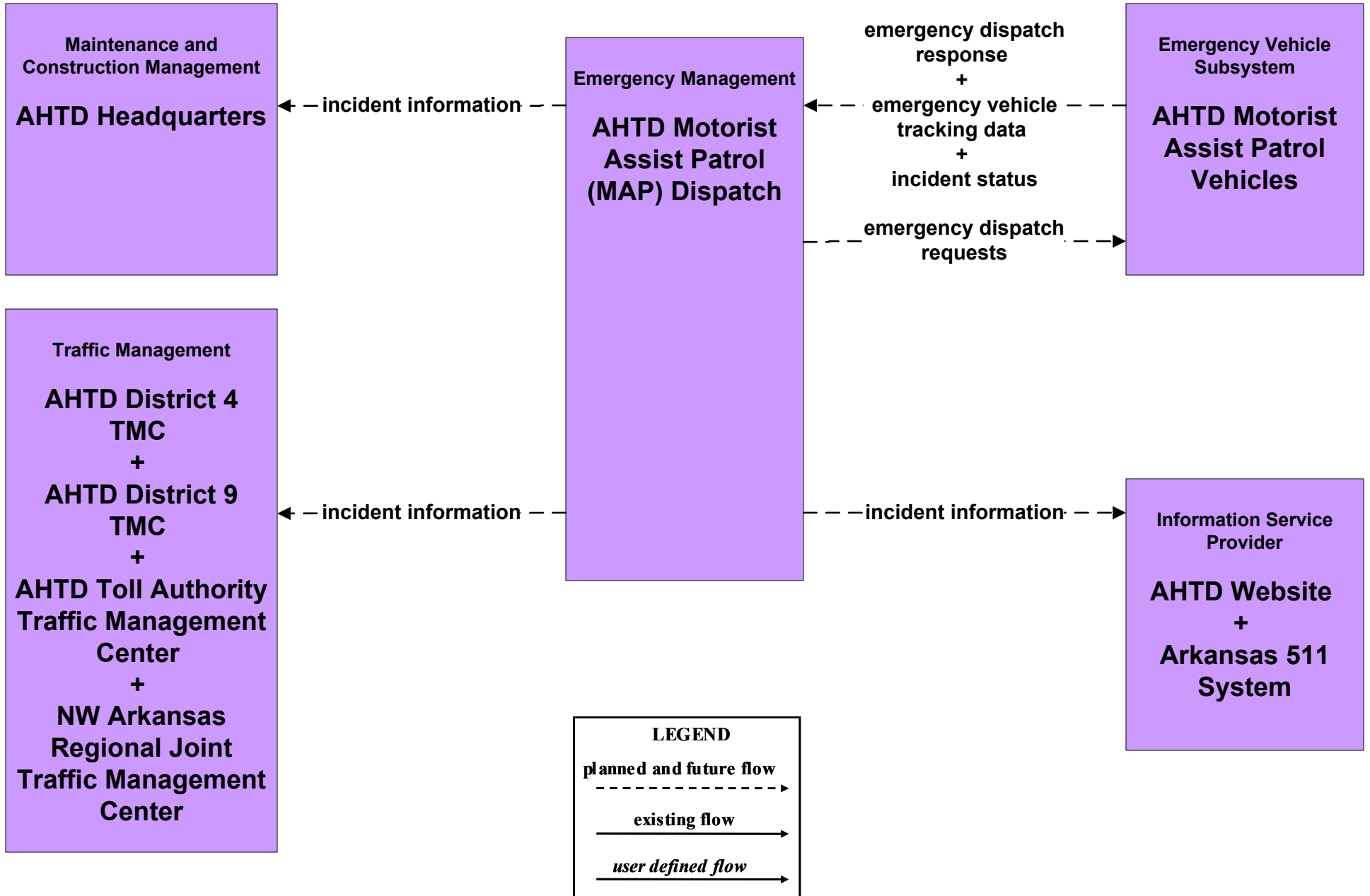
EM02 - Emergency Routing Springdale Traffic Operations Center (1 of 2)



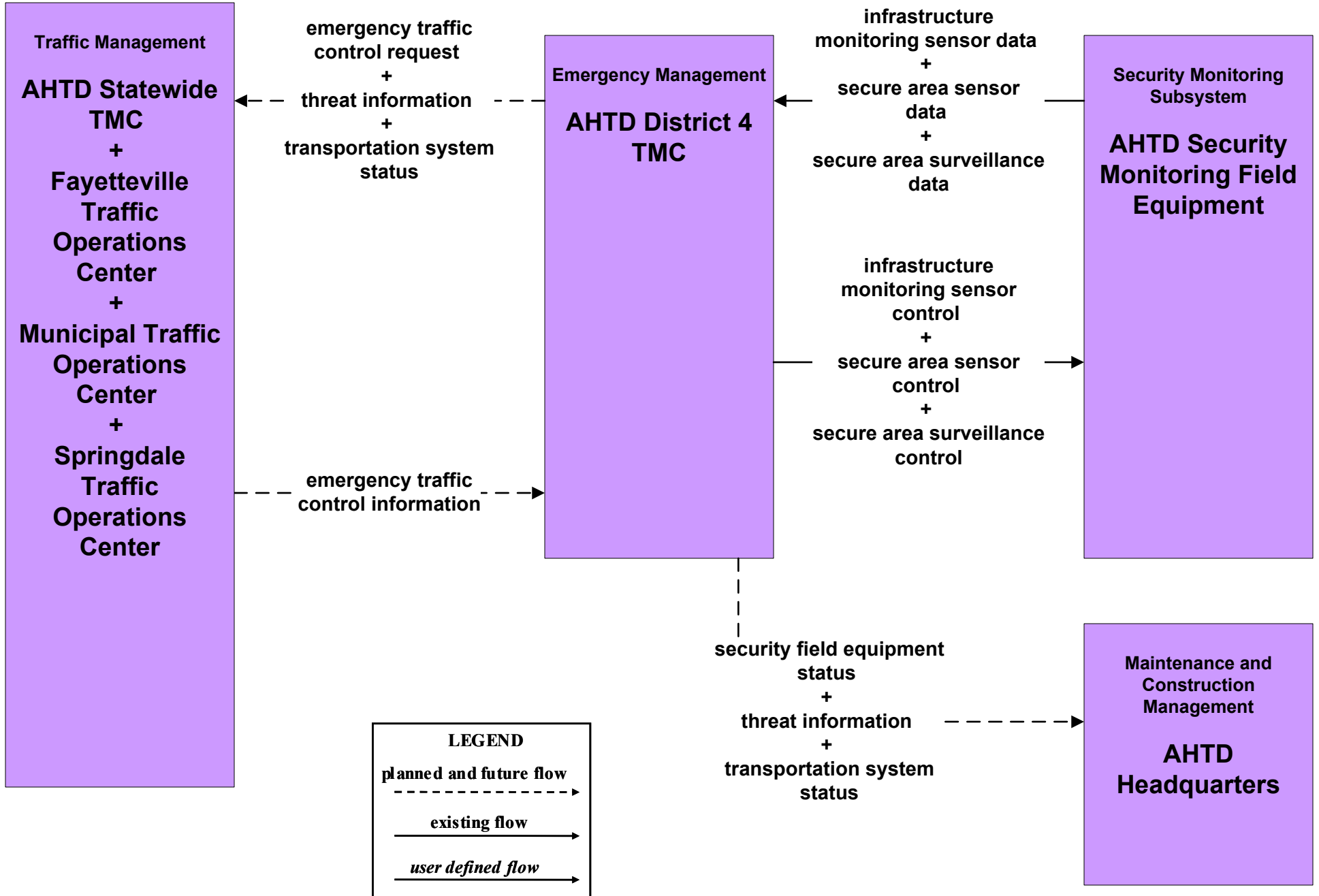
EM02 - Emergency Routing Springdale Traffic Operations Center (2 of 2)



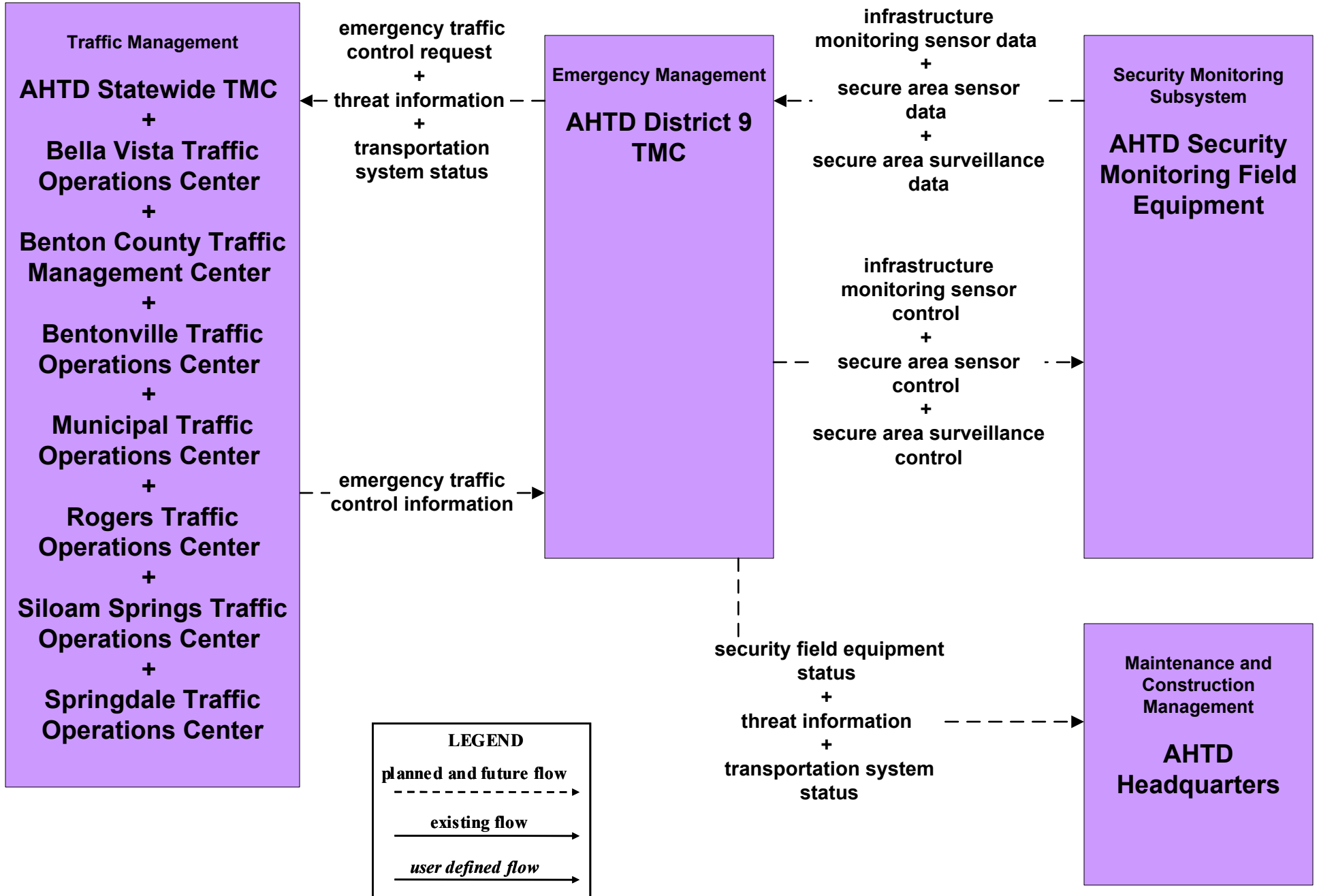
**EM04 - Roadway Service Patrols
AHTD Motorist Assist Patrol (MAP) Dispatch**



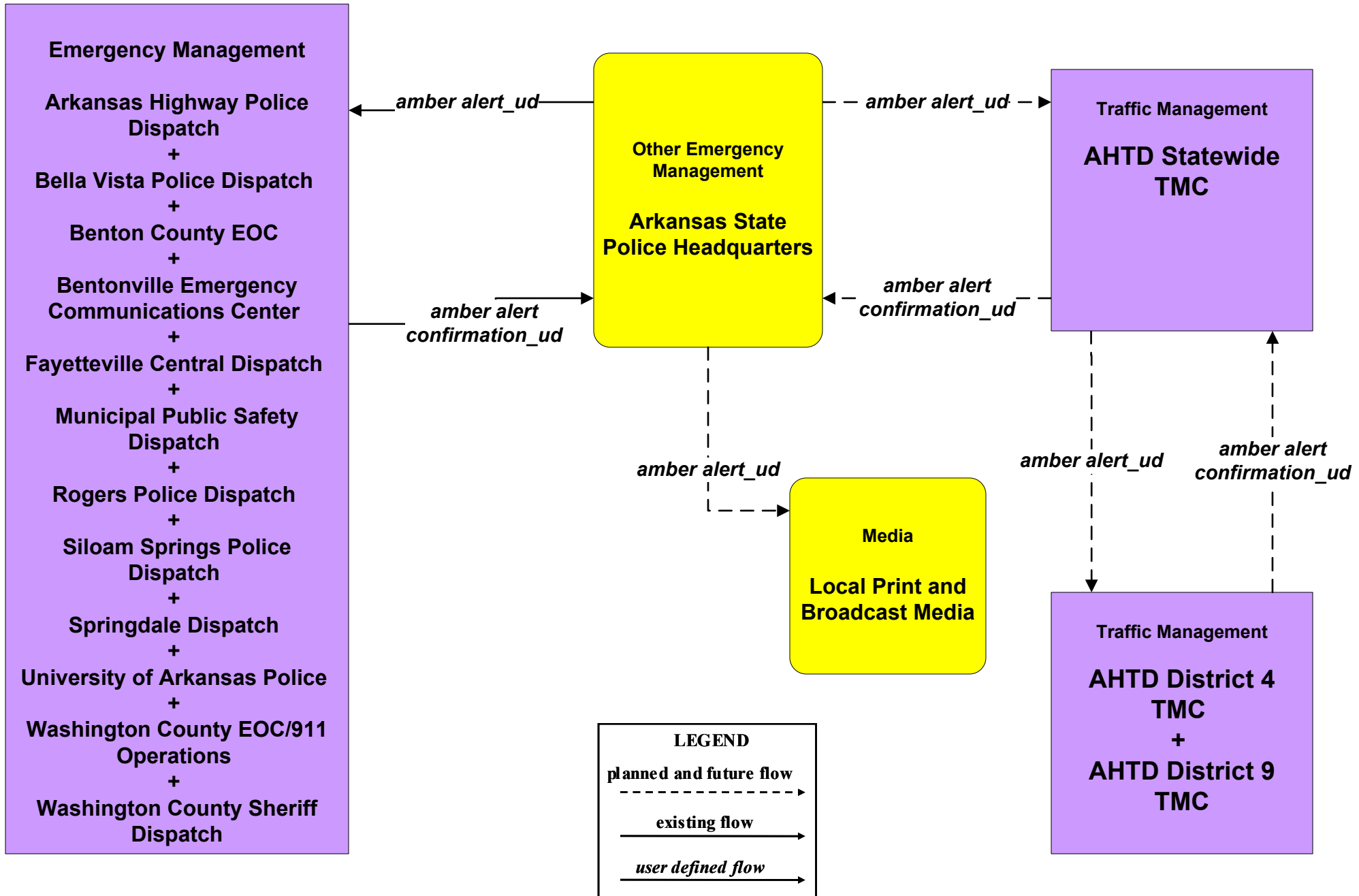
**EM05 - Transportation Infrastructure Protection
AHTD (1 of 3)**



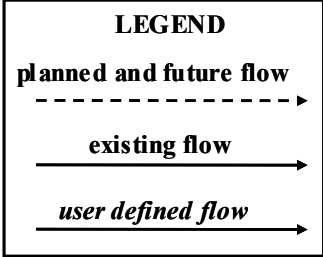
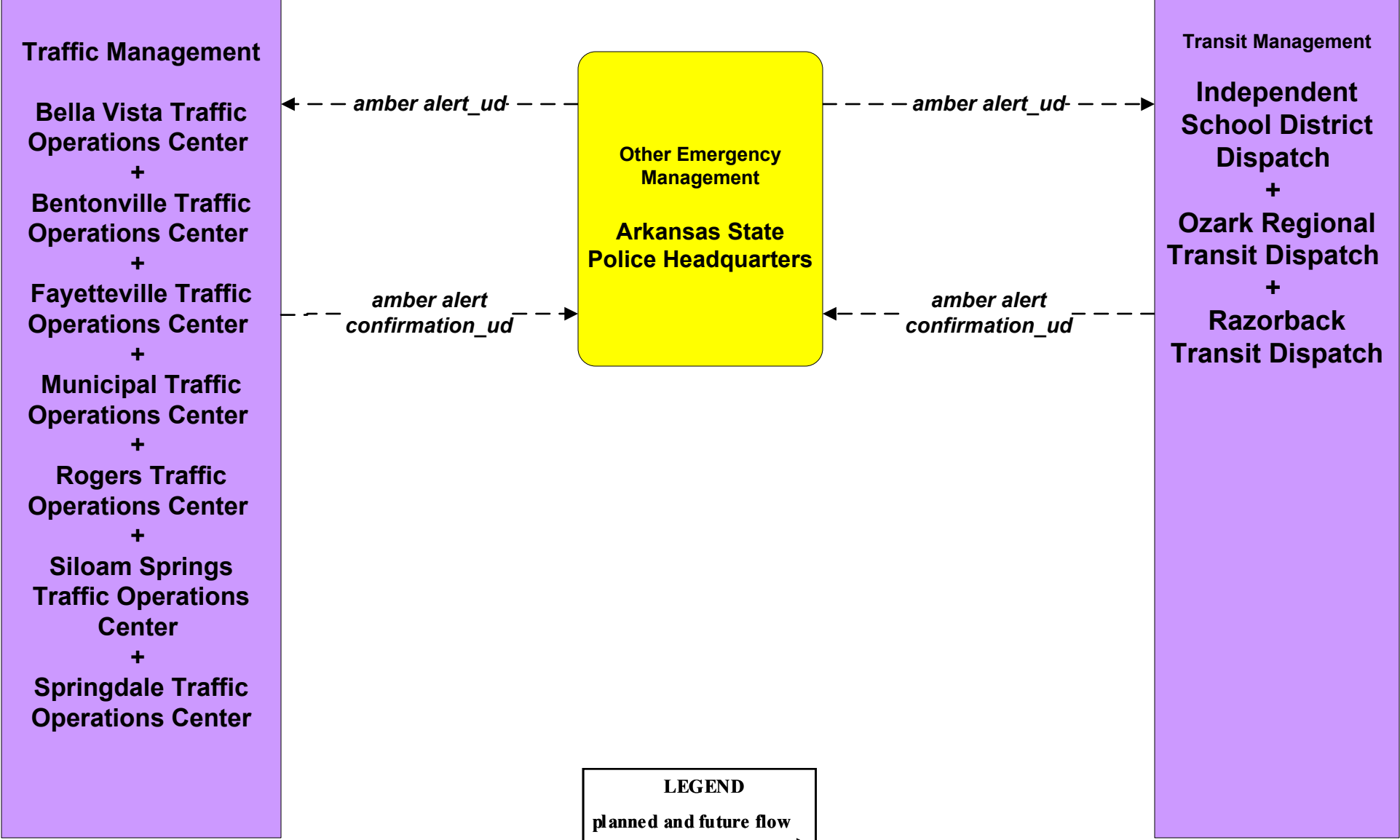
**EM05 - Transportation Infrastructure Protection
AHTD (2 of 3)**



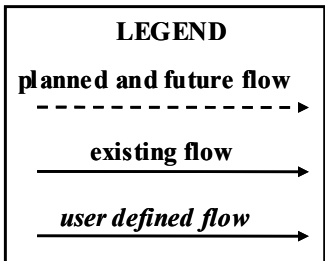
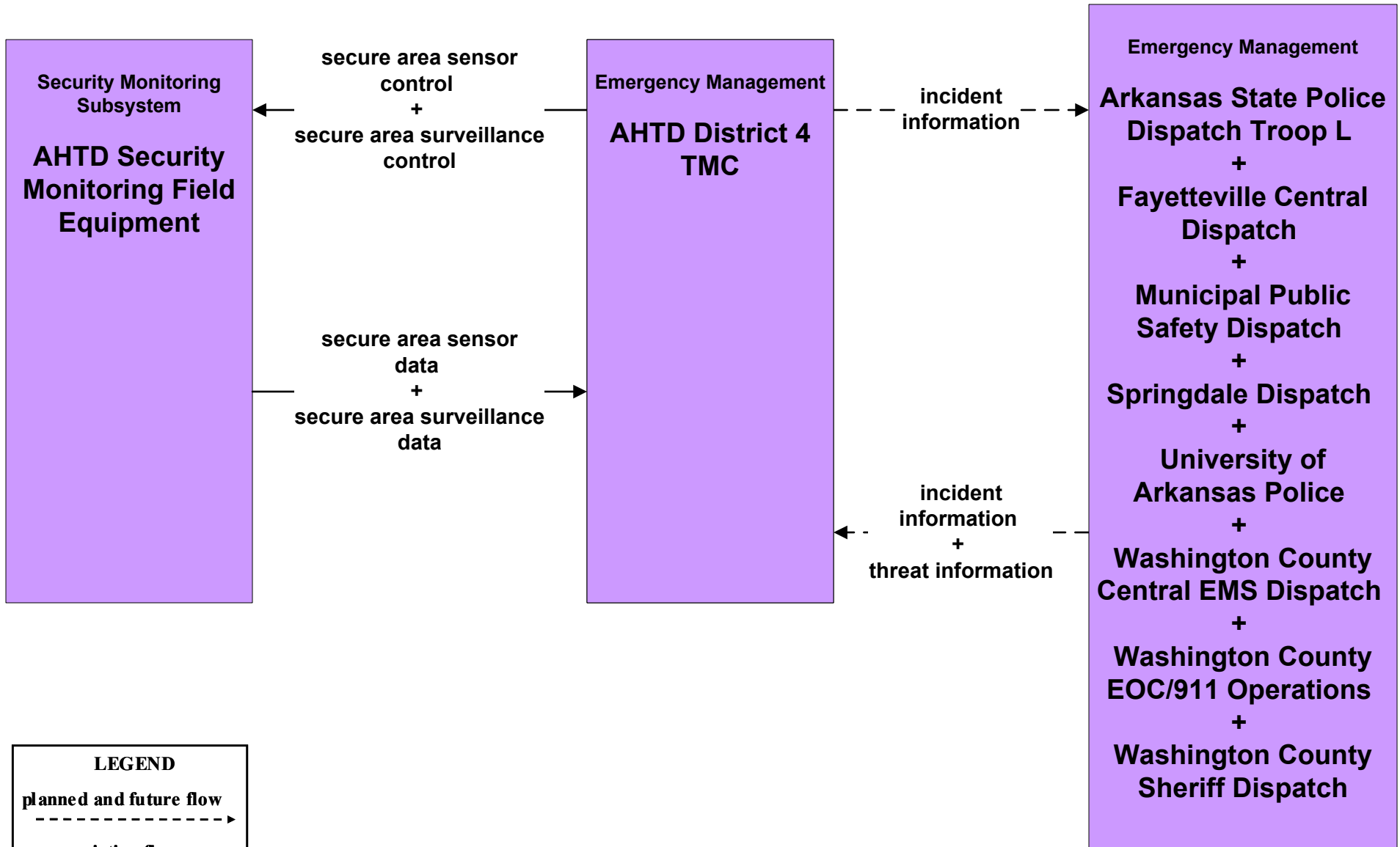
**EM06 - Wide Area Alerts
Arkansas Amber Alert (1 of 2)**



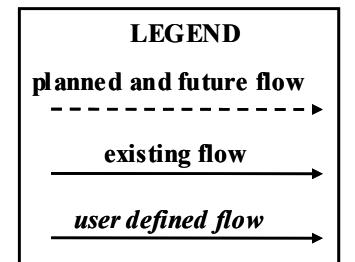
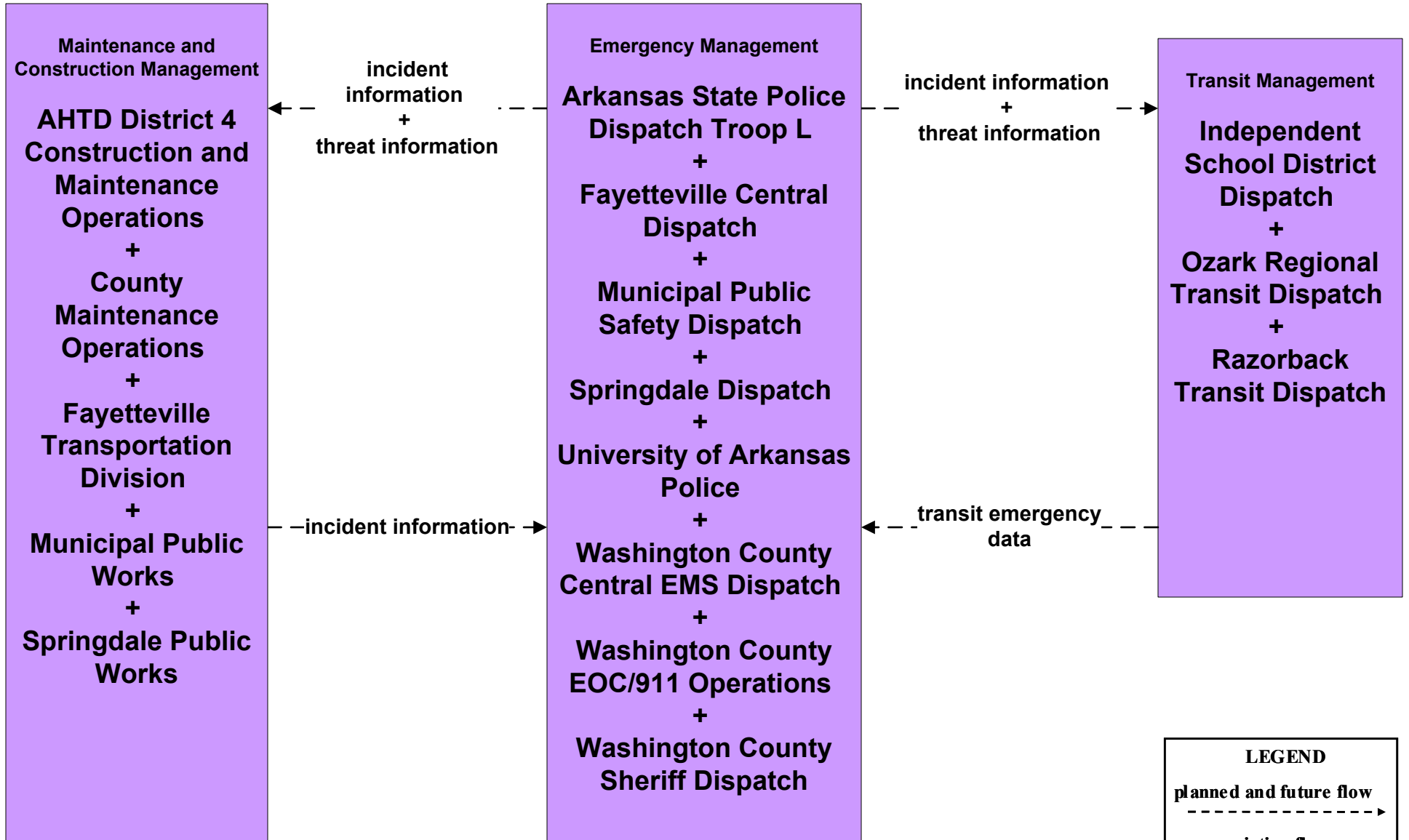
**EM06 - Wide Area Alerts
Arkansas Amber Alert (2 of 2)**



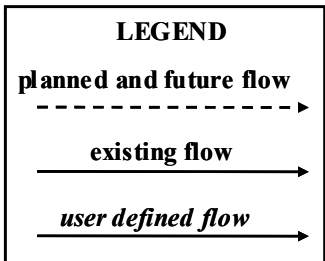
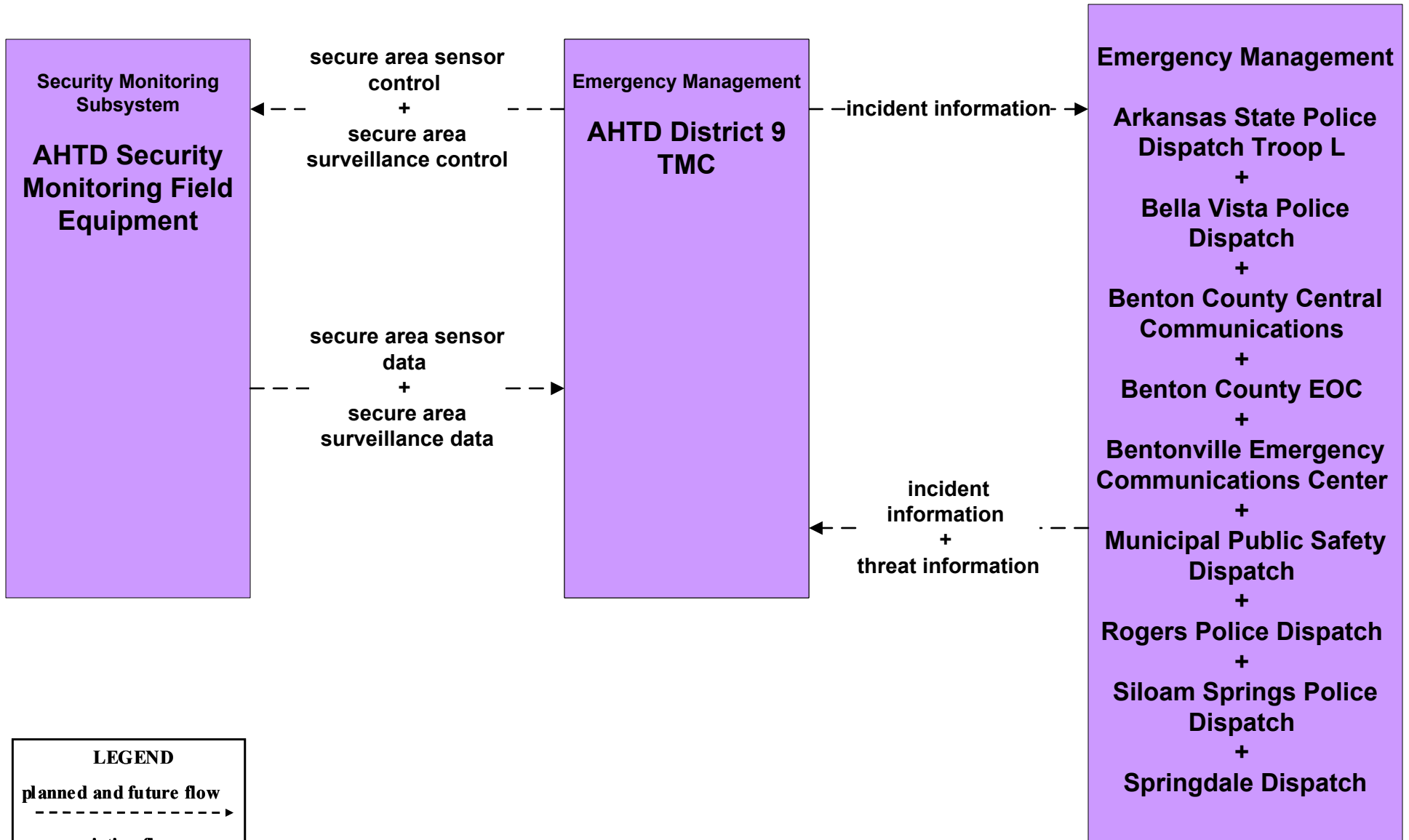
**EM07 - Early Warning System
AHTD District 4 Security Monitoring (1 of 2)**



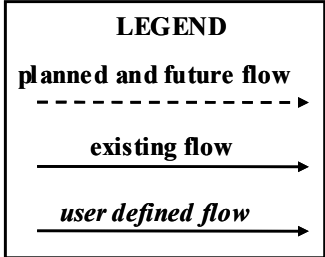
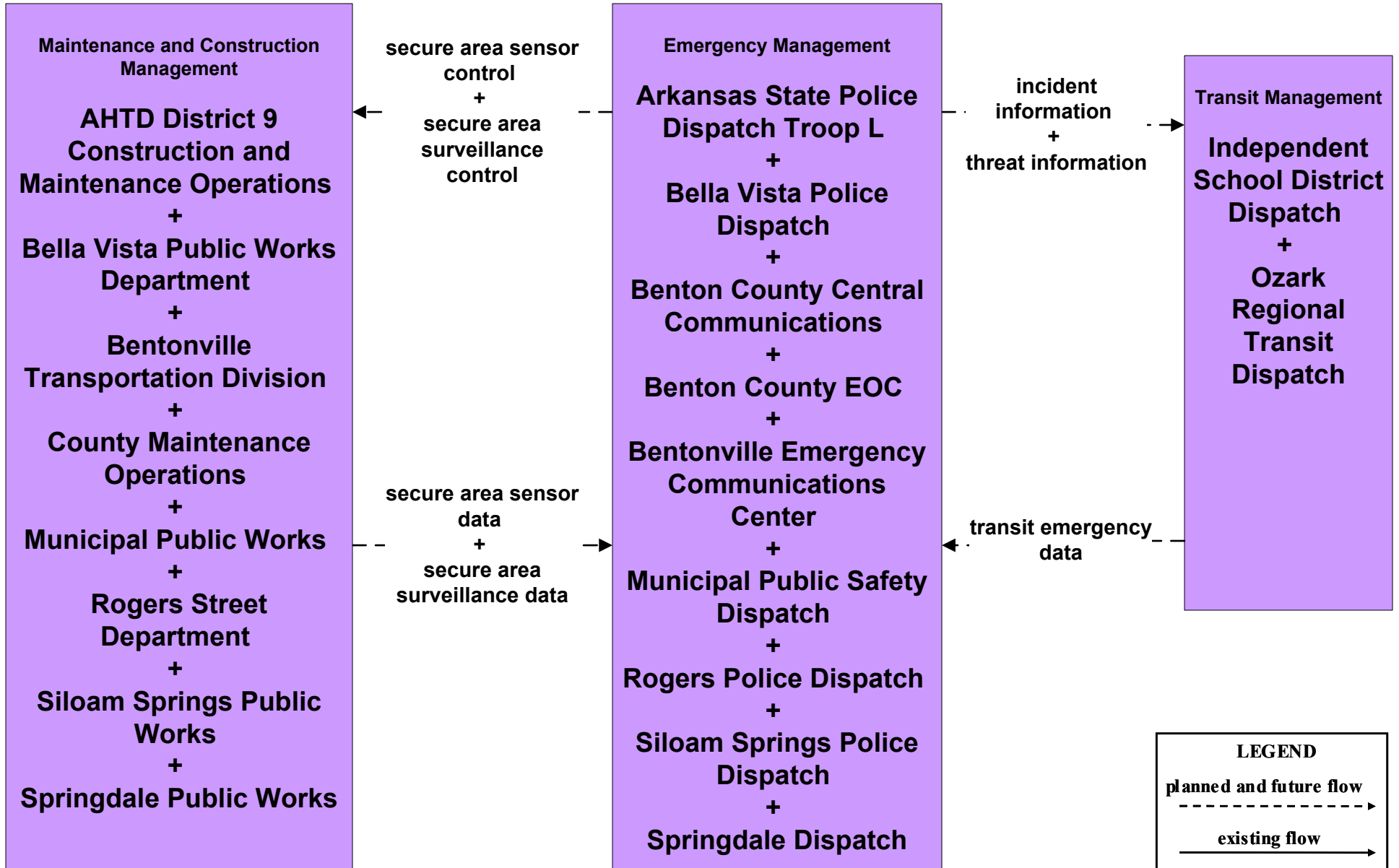
**EM07 - Early Warning System
AHTD District 4 Security Monitoring (2 of 2)**



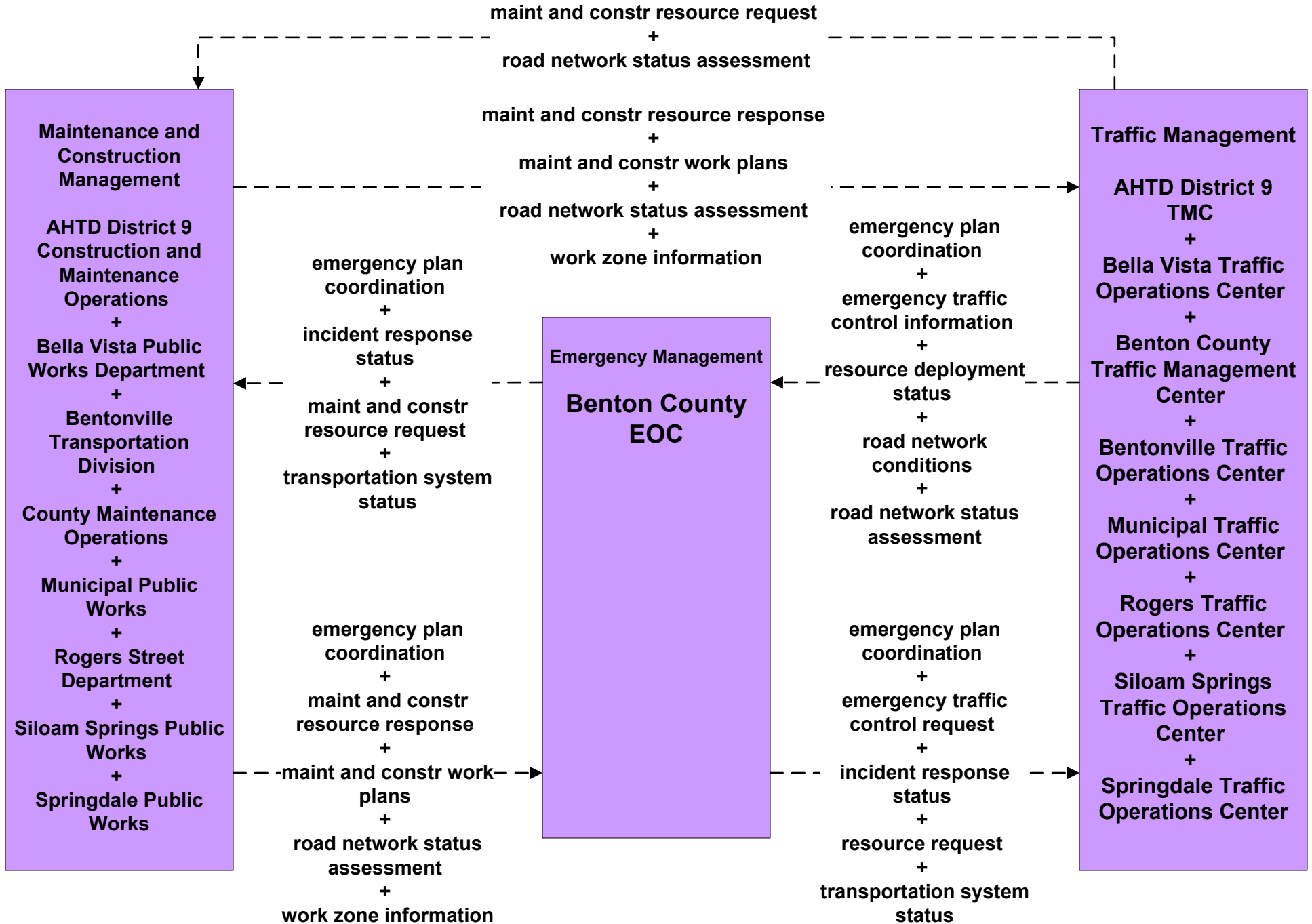
**EM07 - Early Warning System
AHTD District 9 Security Monitoring (1 of 2)**



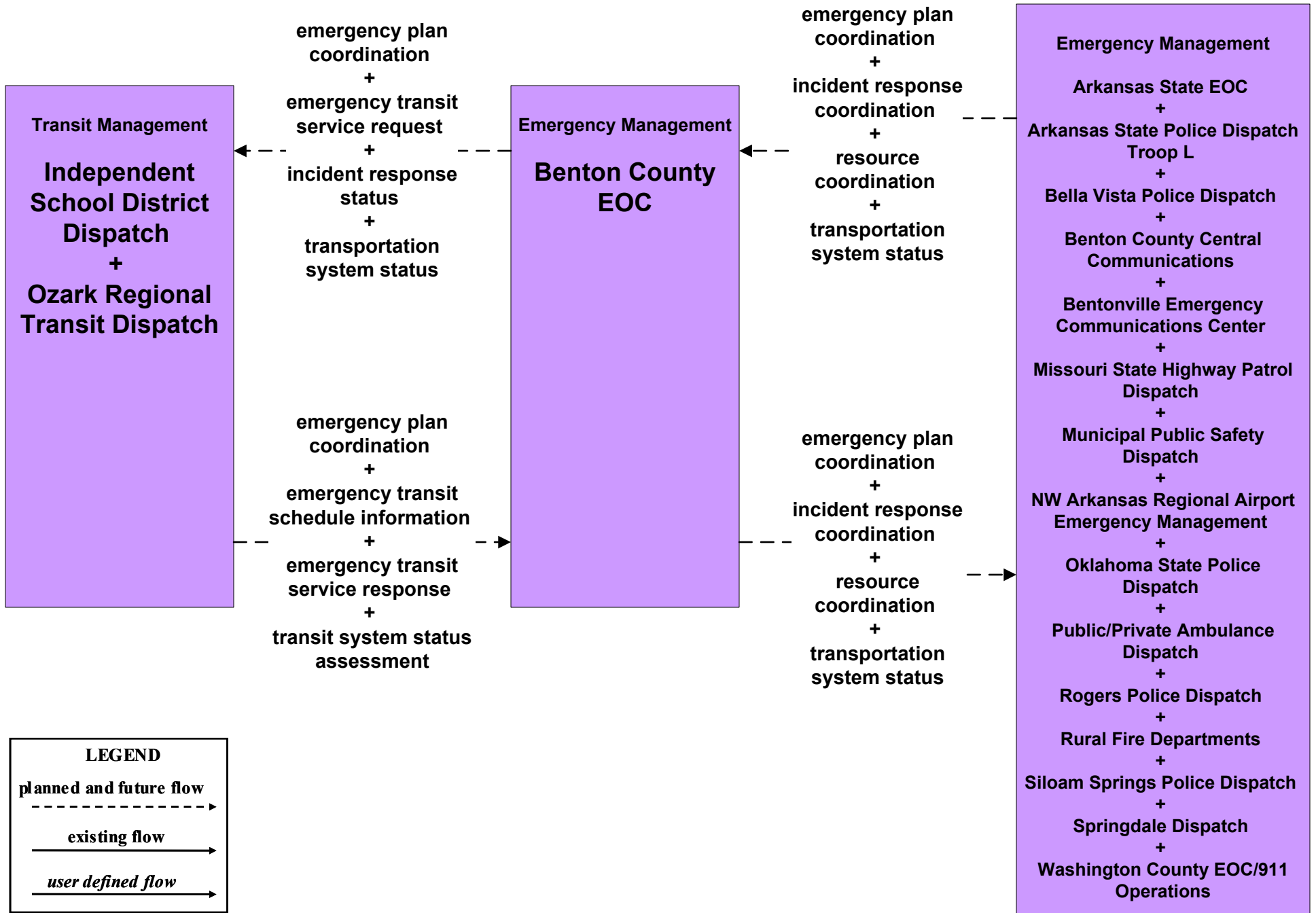
**EM07 - Early Warning System
AHTD District 9 Security Monitoring (2 of 2)**



**EM08 - Disaster Response and Recovery
Benton County EOC (1 of 2)**



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



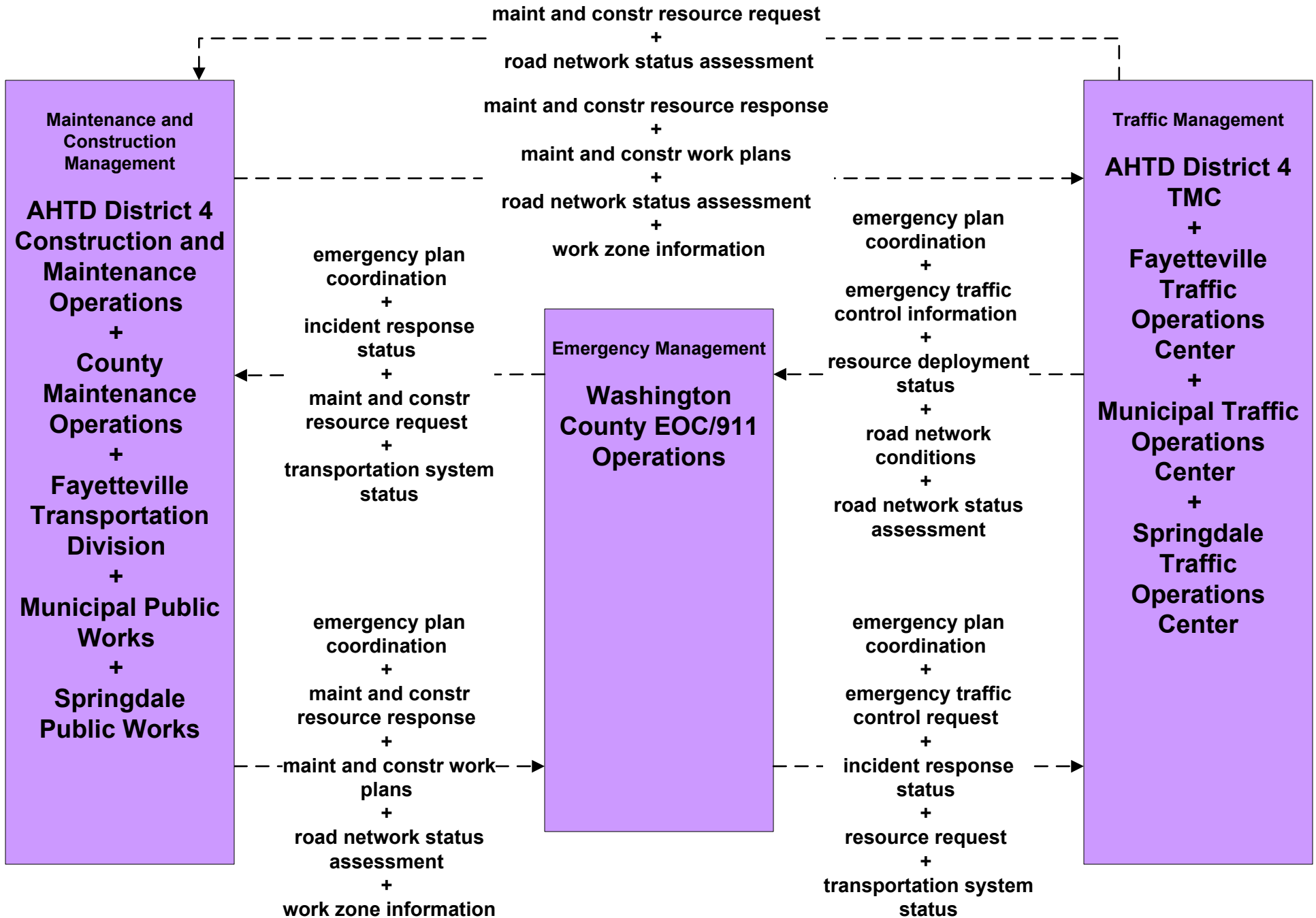
LEGEND

planned and future flow
 ----->

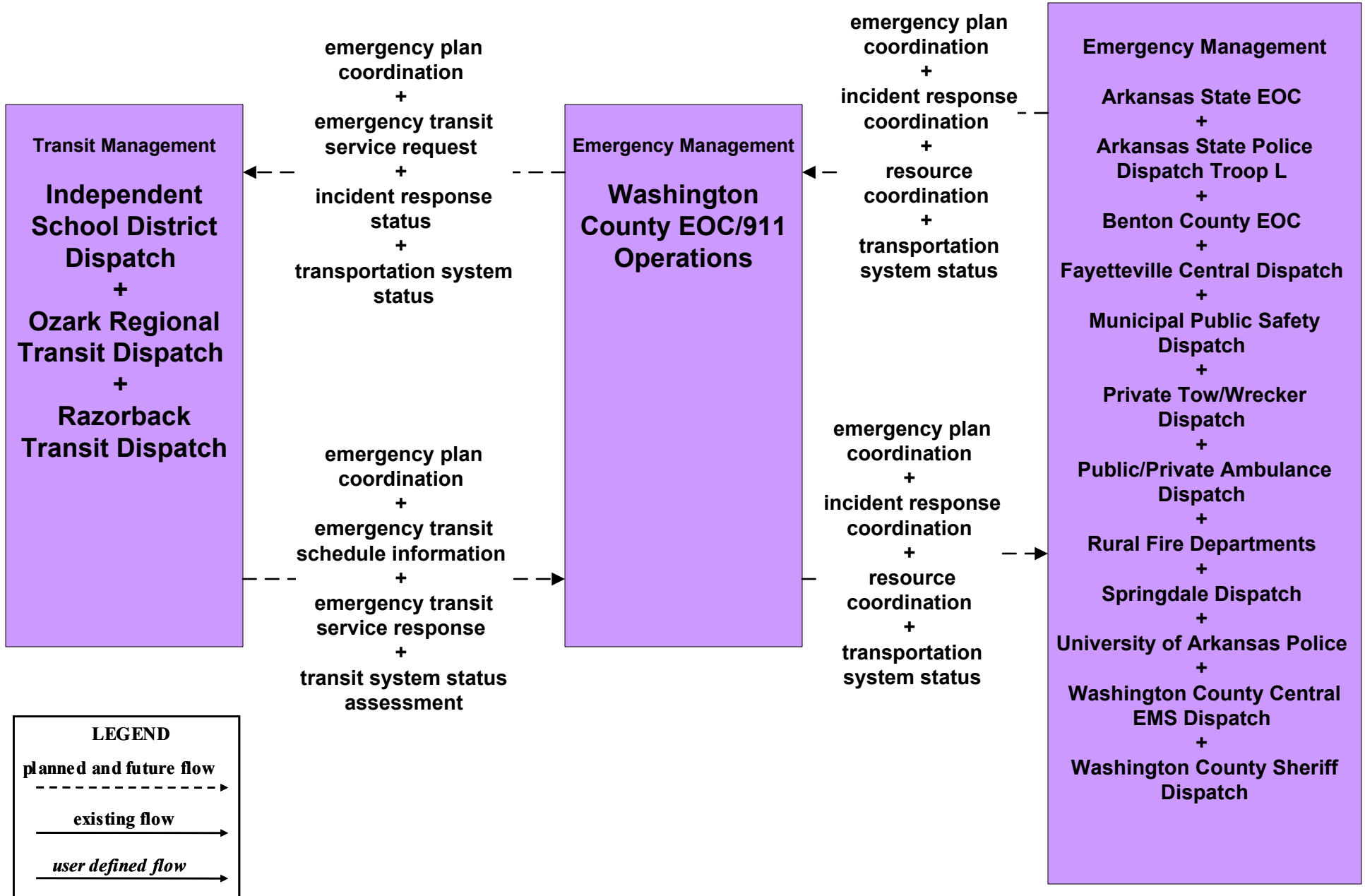
existing flow
 _____>

user defined flow
 _____>

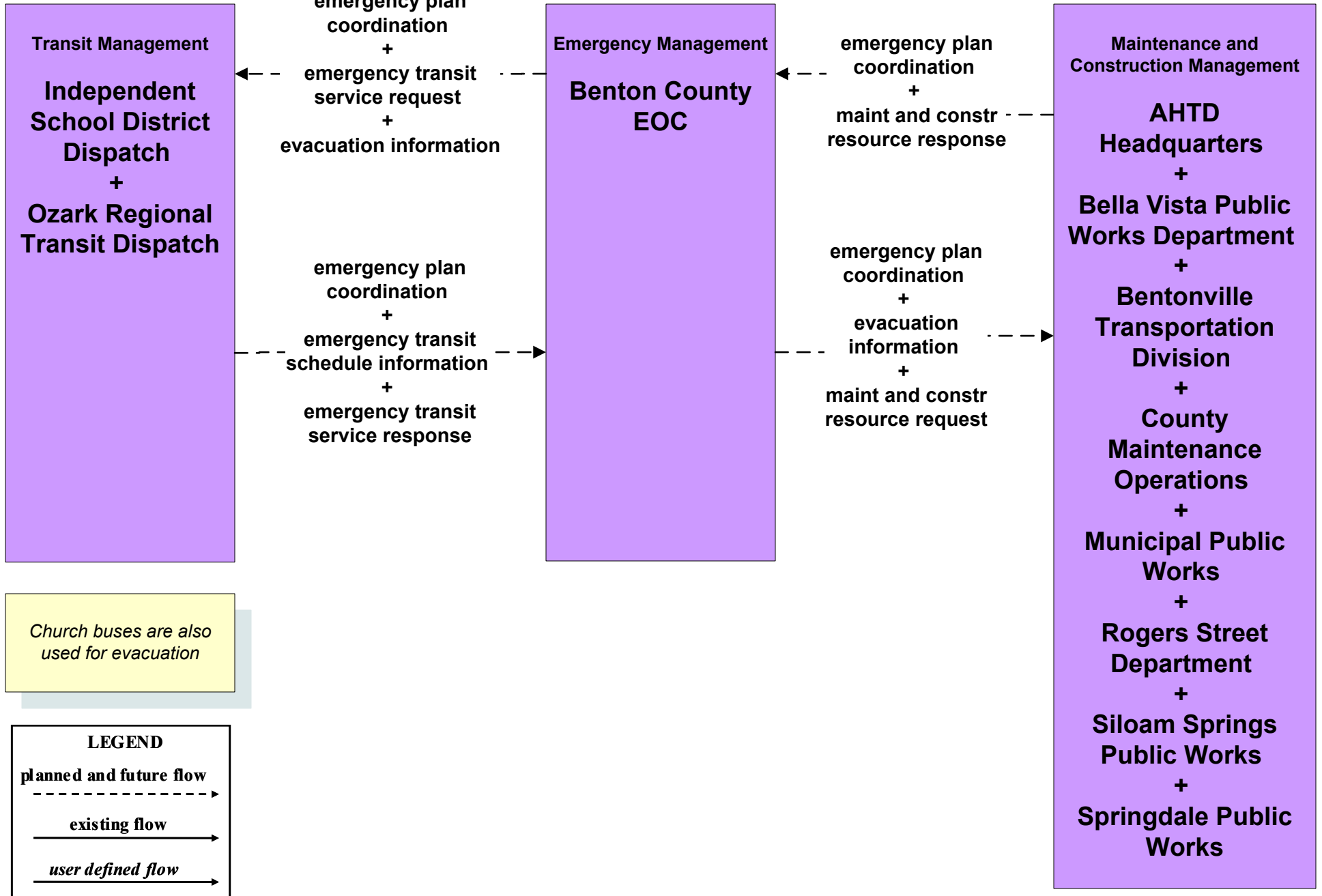
**EM08 - Disaster Response and Recovery
Washington County EOC (1 of 2)**



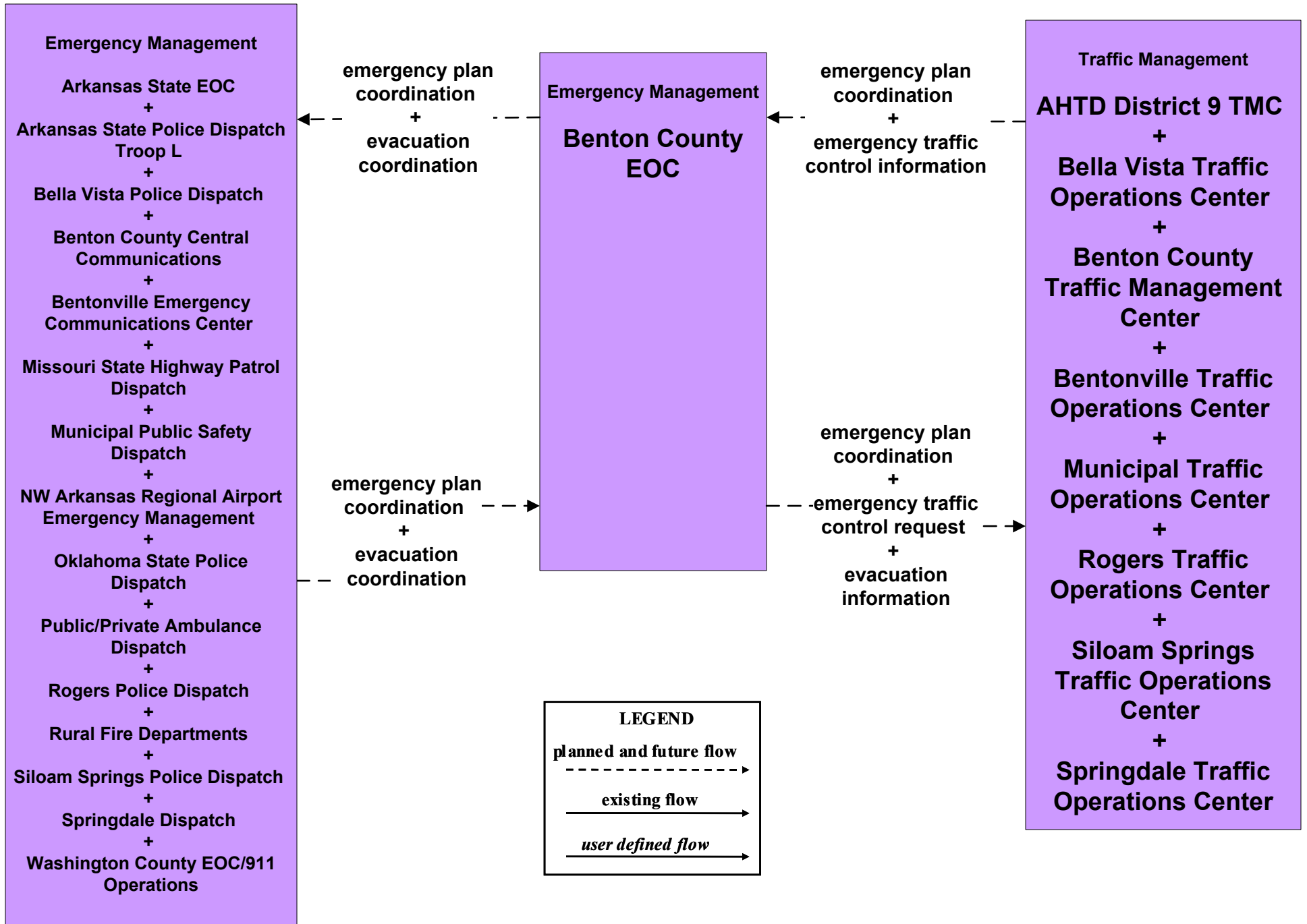
**EM08 - Disaster Response and Recovery
Washington County EOC (2 of 2)**



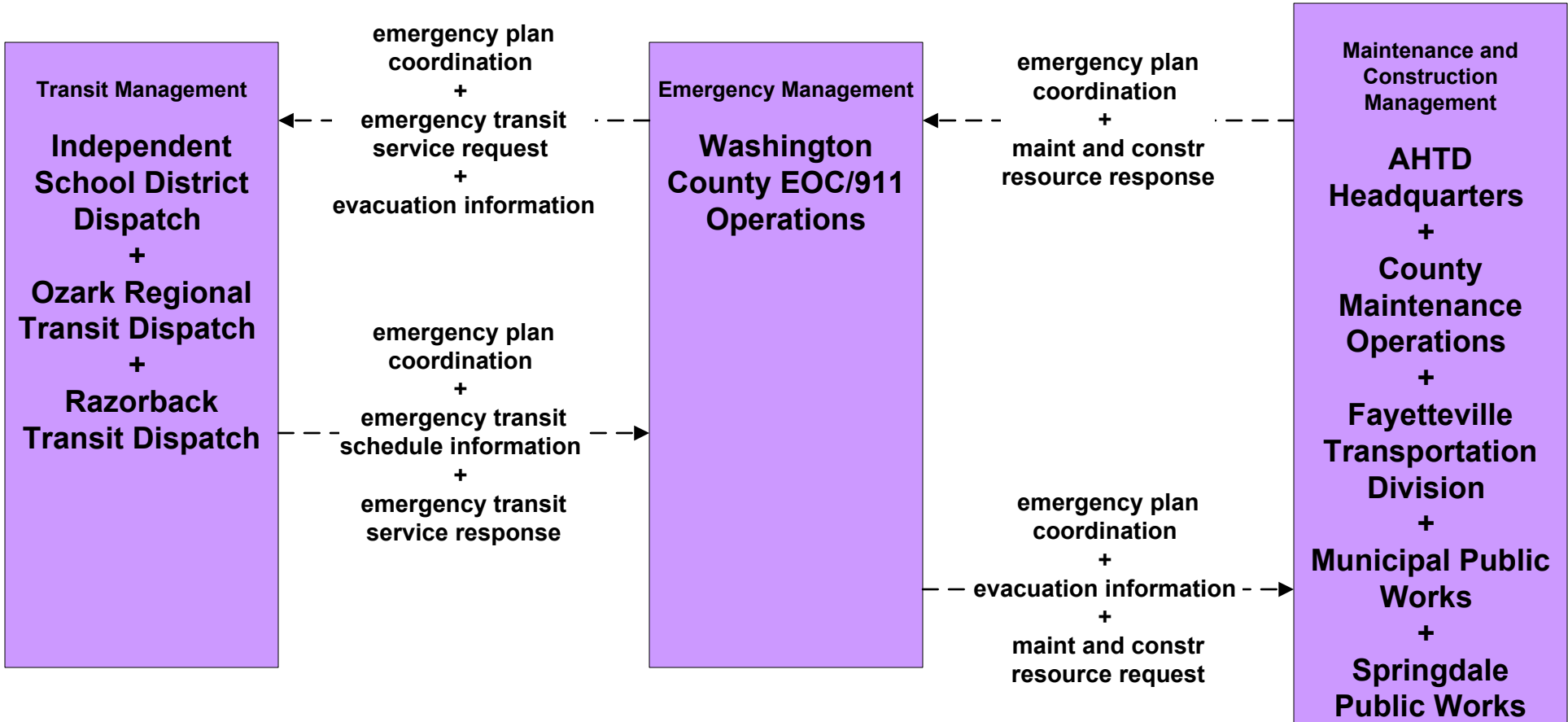
EM09 - Evacuation and Reentry Management Benton County EOC (1 of 2)



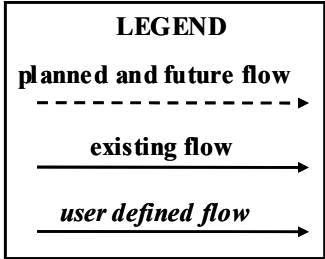
EM09 - Evacuation and Reentry Management Benton County EOC (2 of 2)



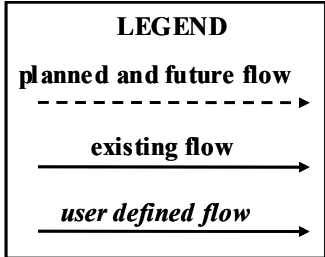
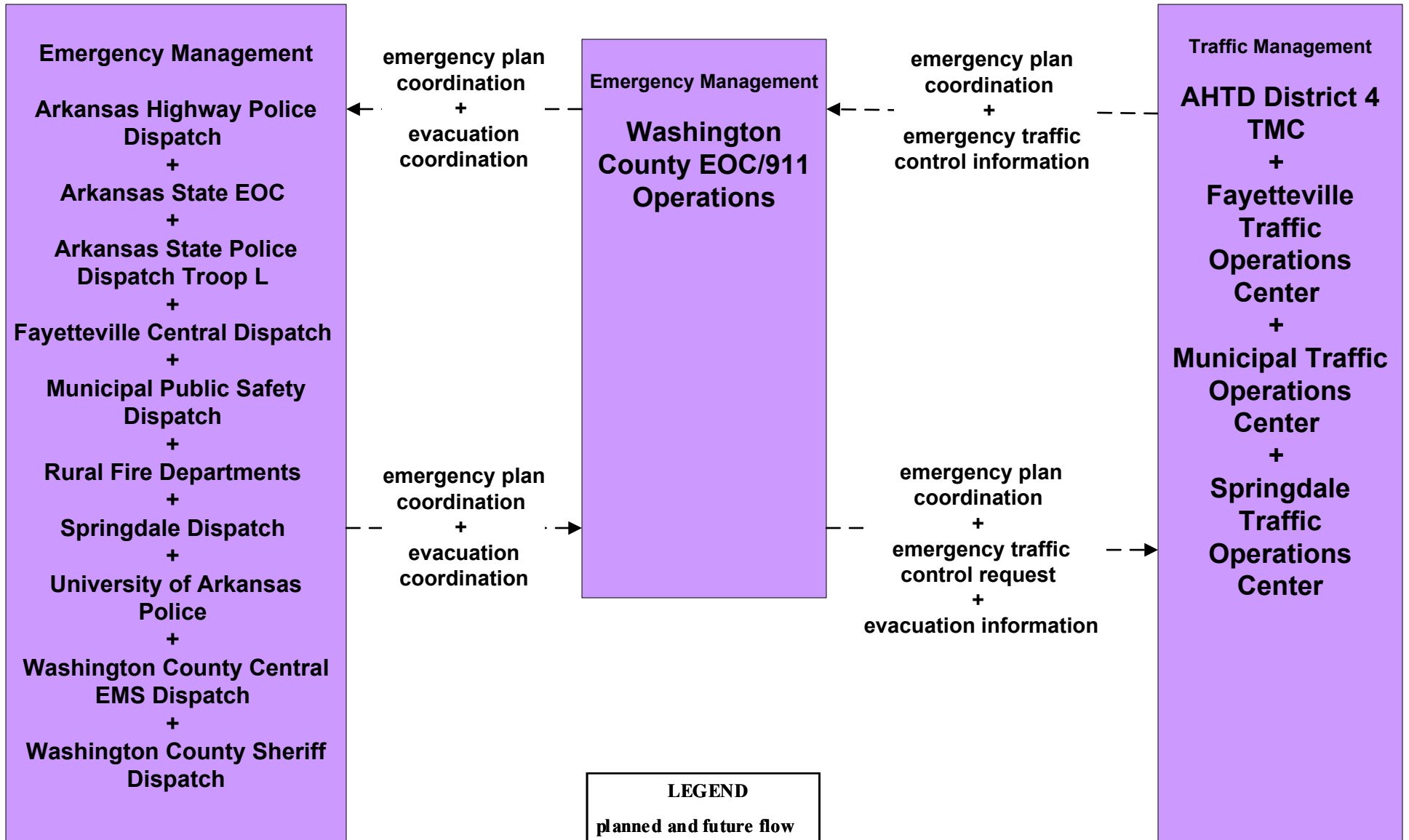
**EM09 - Evacuation and Reentry Management
Washington County EOC (1 of 2)**



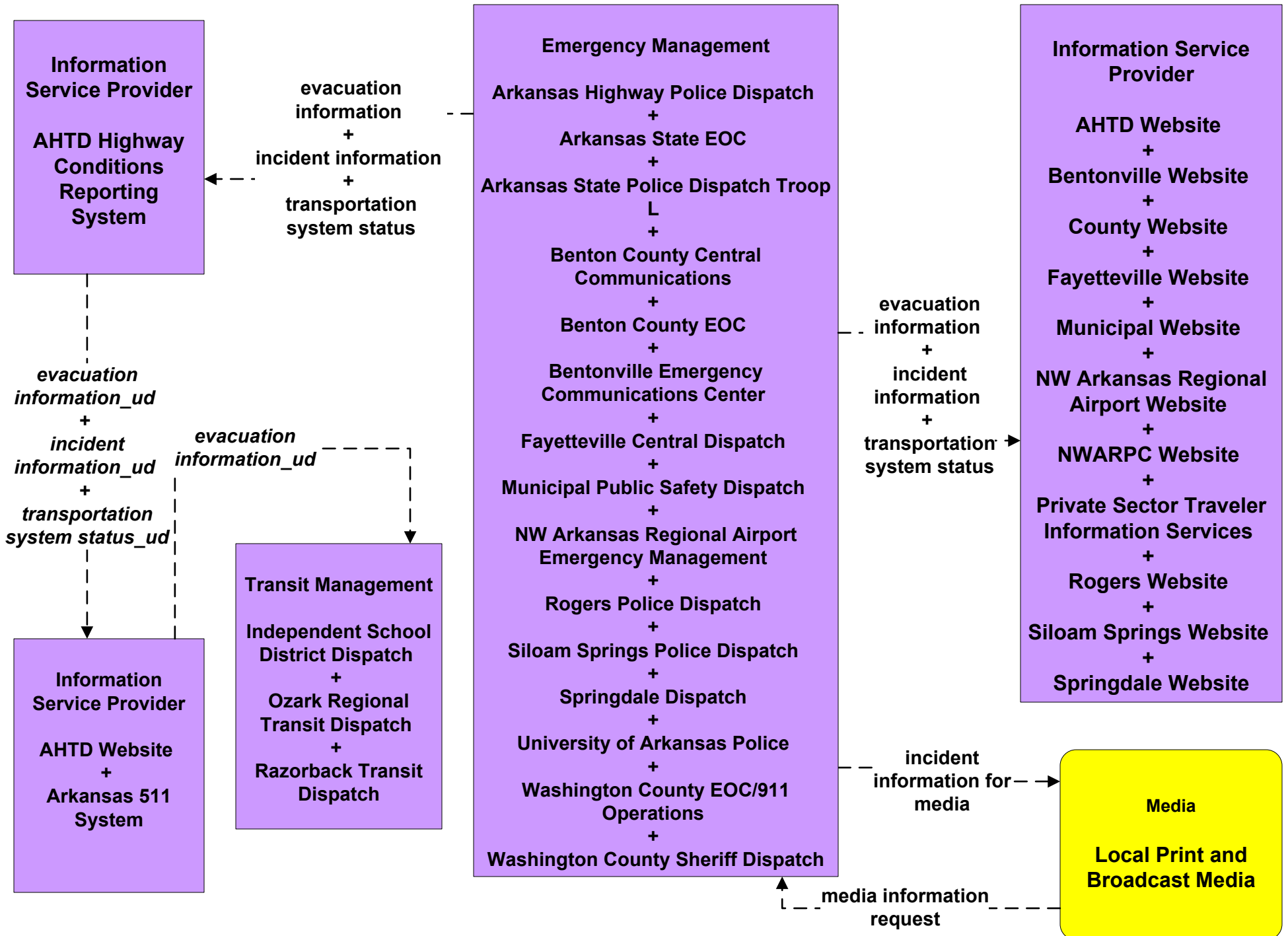
Church buses are also used for evacuation



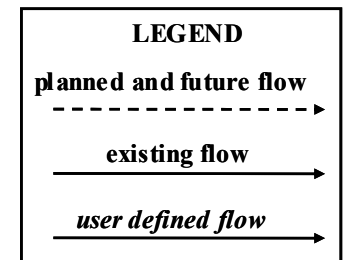
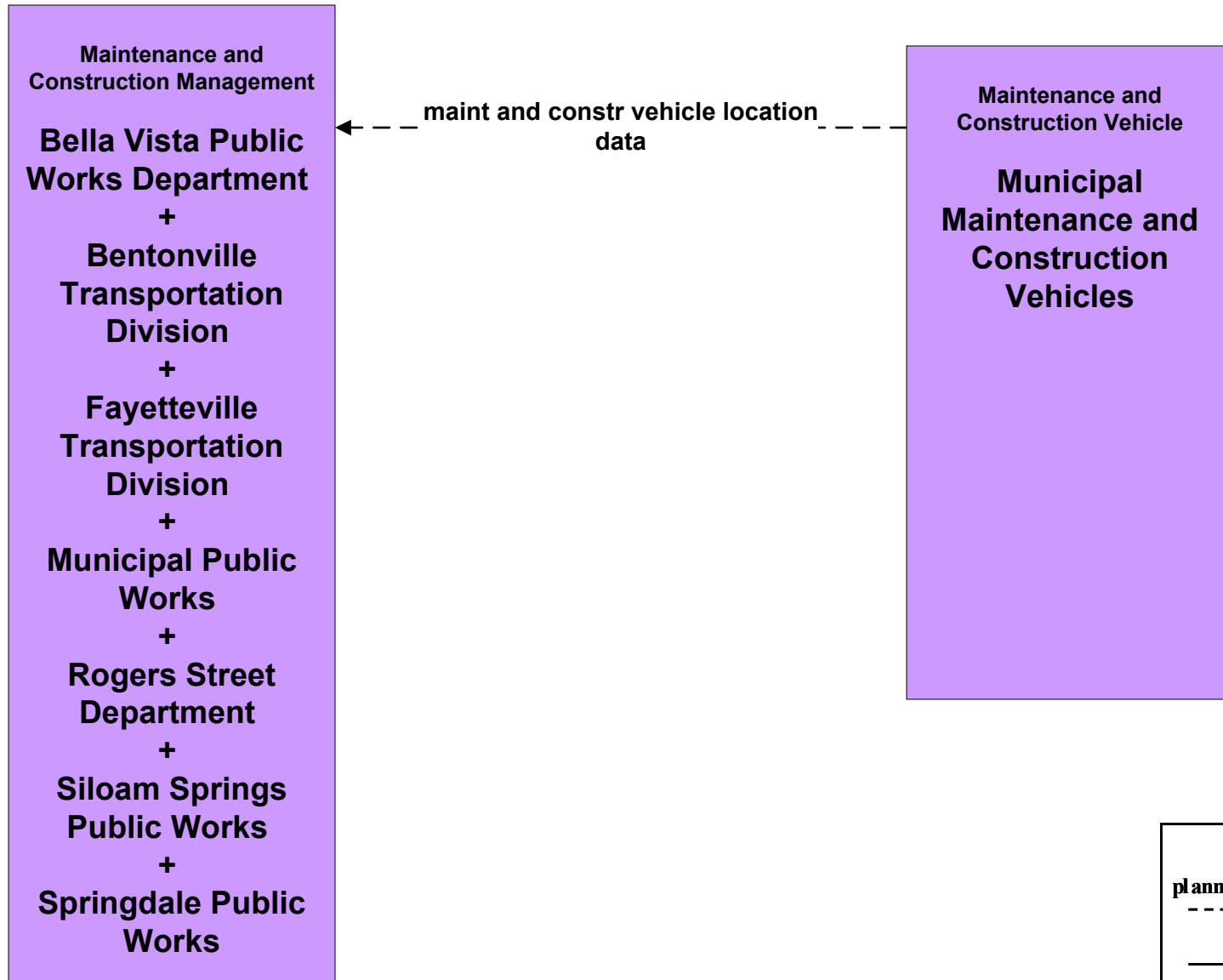
**EM09 - Evacuation and Reentry Management
Washington County EOC (2 of 2)**



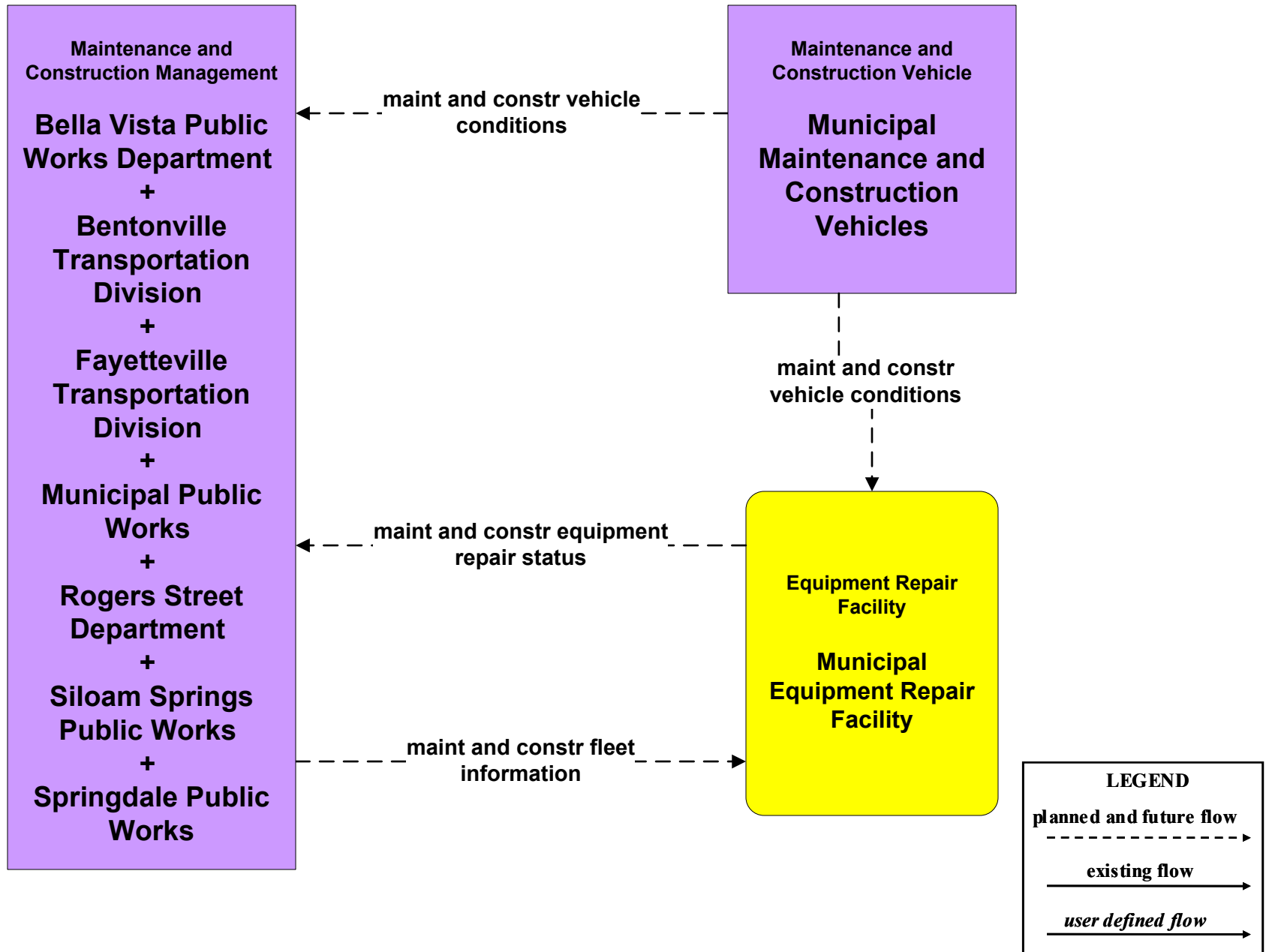
EM10 - Disaster Traveler Information AHTD HCRS



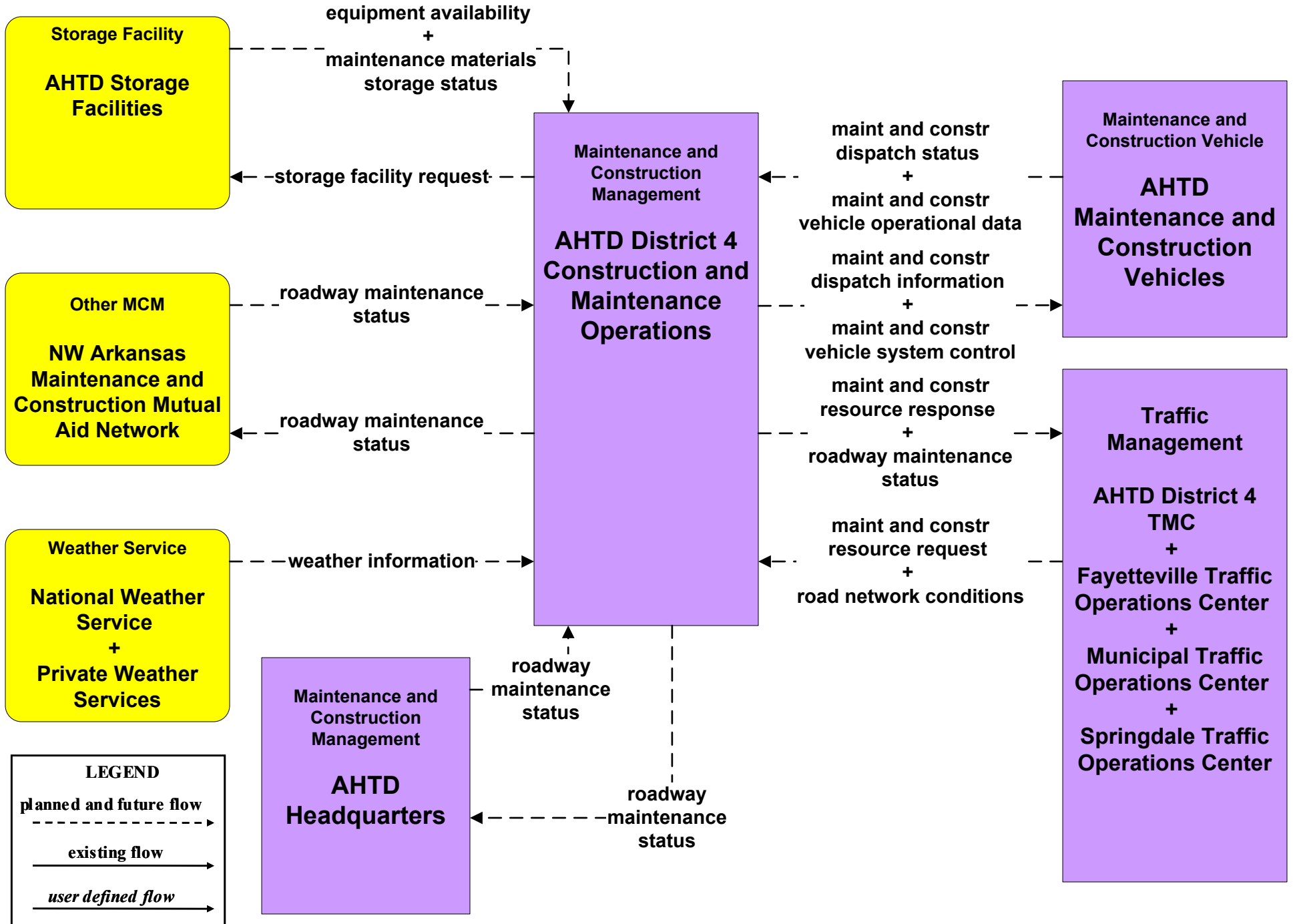
**MC01 - Maintenance and Construction Vehicle and Equipment Tracking
Municipal Maintenance Operations**



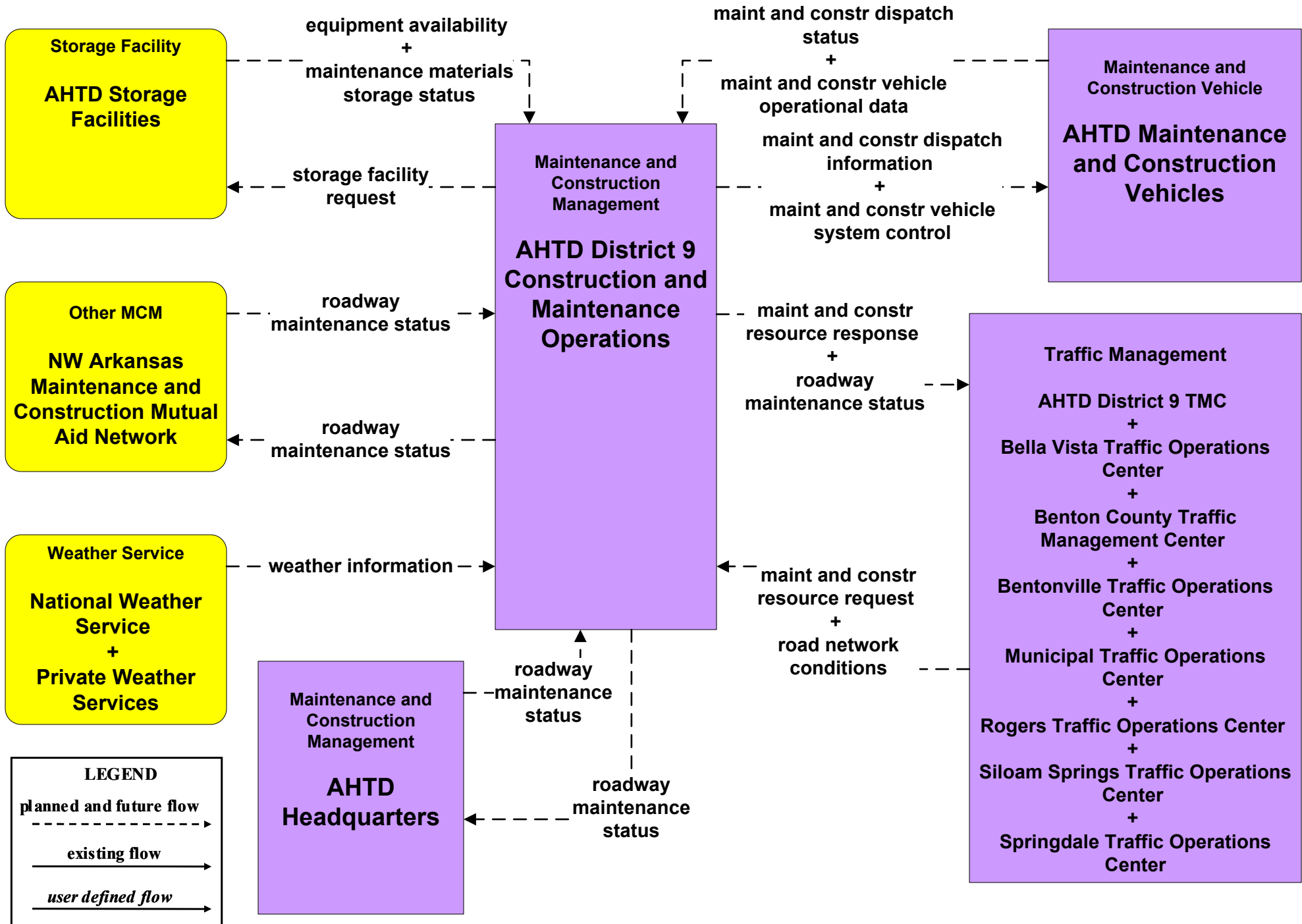
**MC02 - Maintenance and Construction Vehicle Maintenance
Municipal Maintenance Operations**



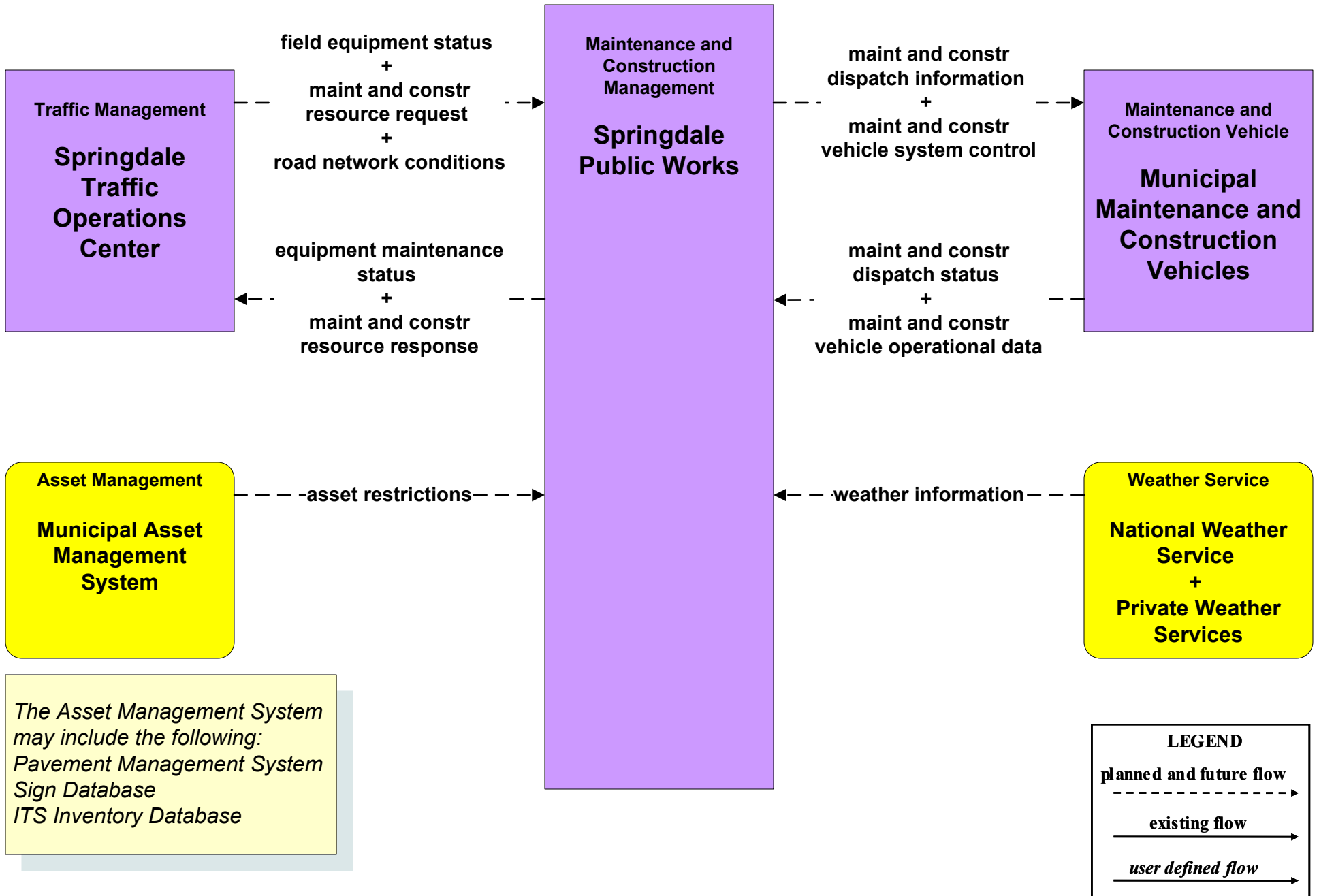
MC06 - Winter Maintenance AHTD District 4 Maintenance Operations



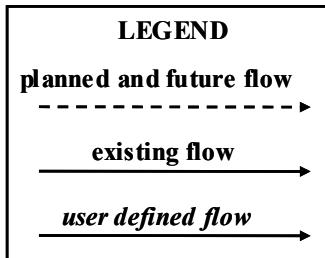
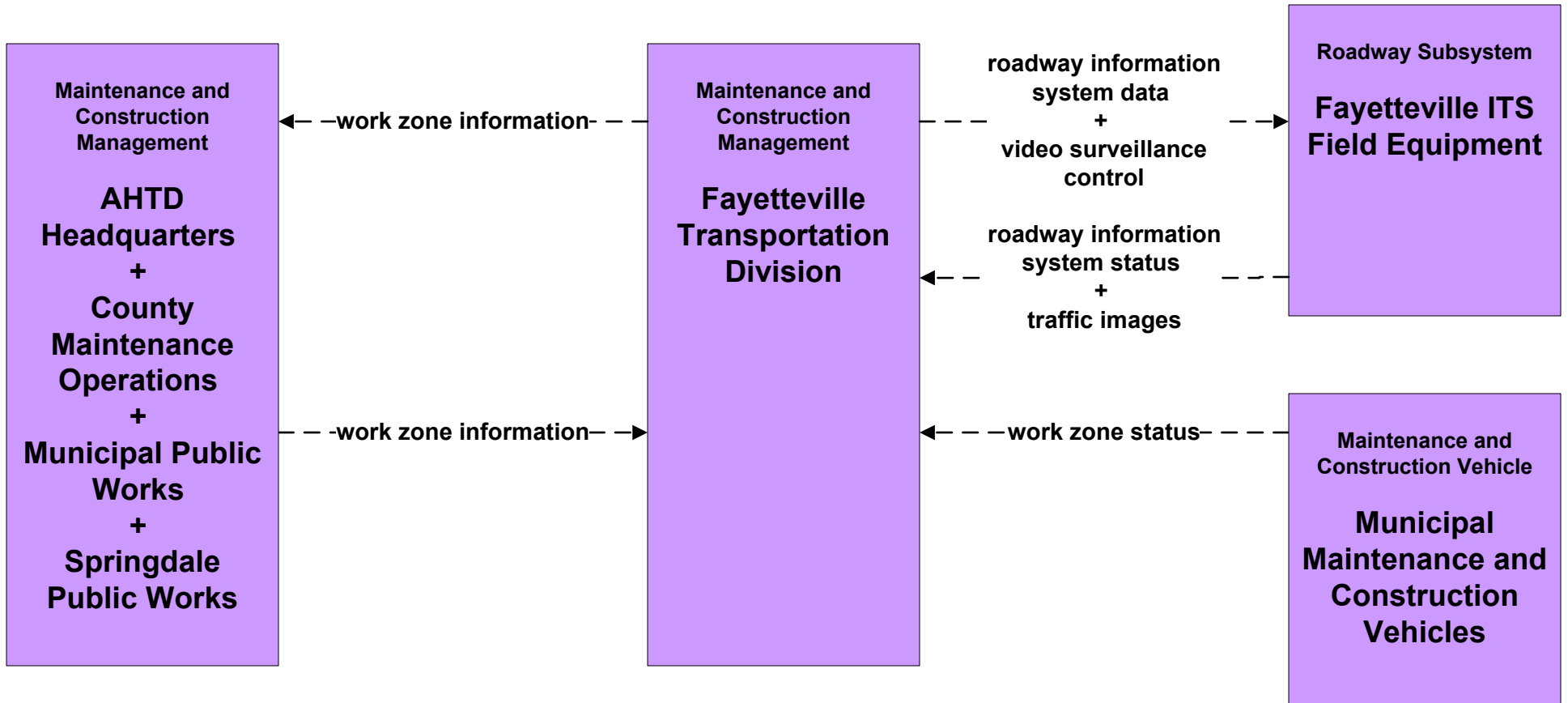
MC06 - Winter Maintenance AHTD District 9 Maintenance Operations



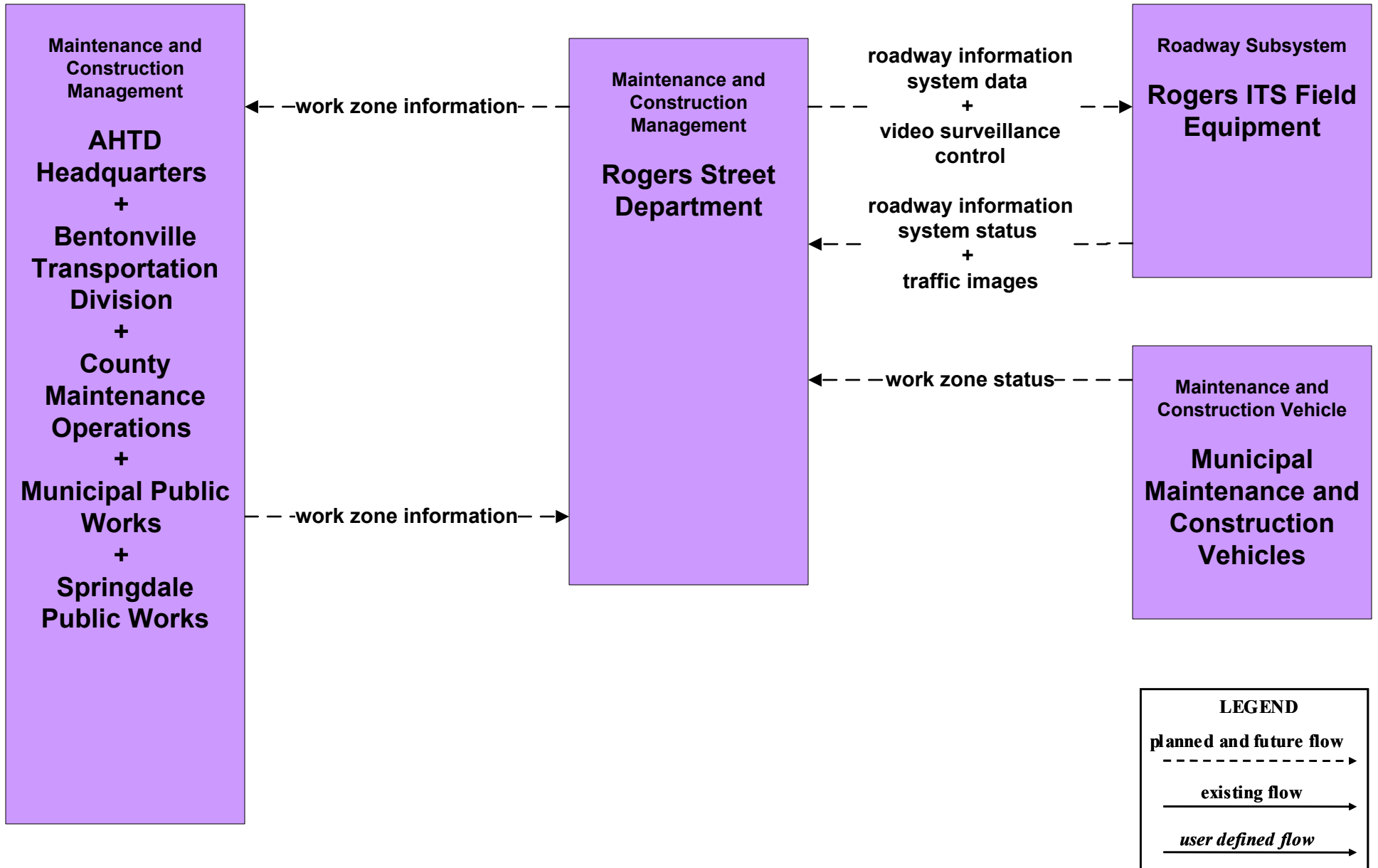
**MC07 - Roadway Maintenance and Construction
Springdale Public Works**



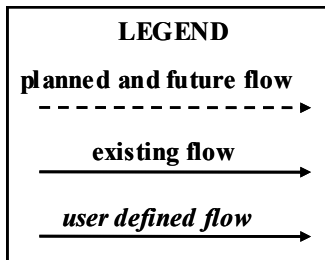
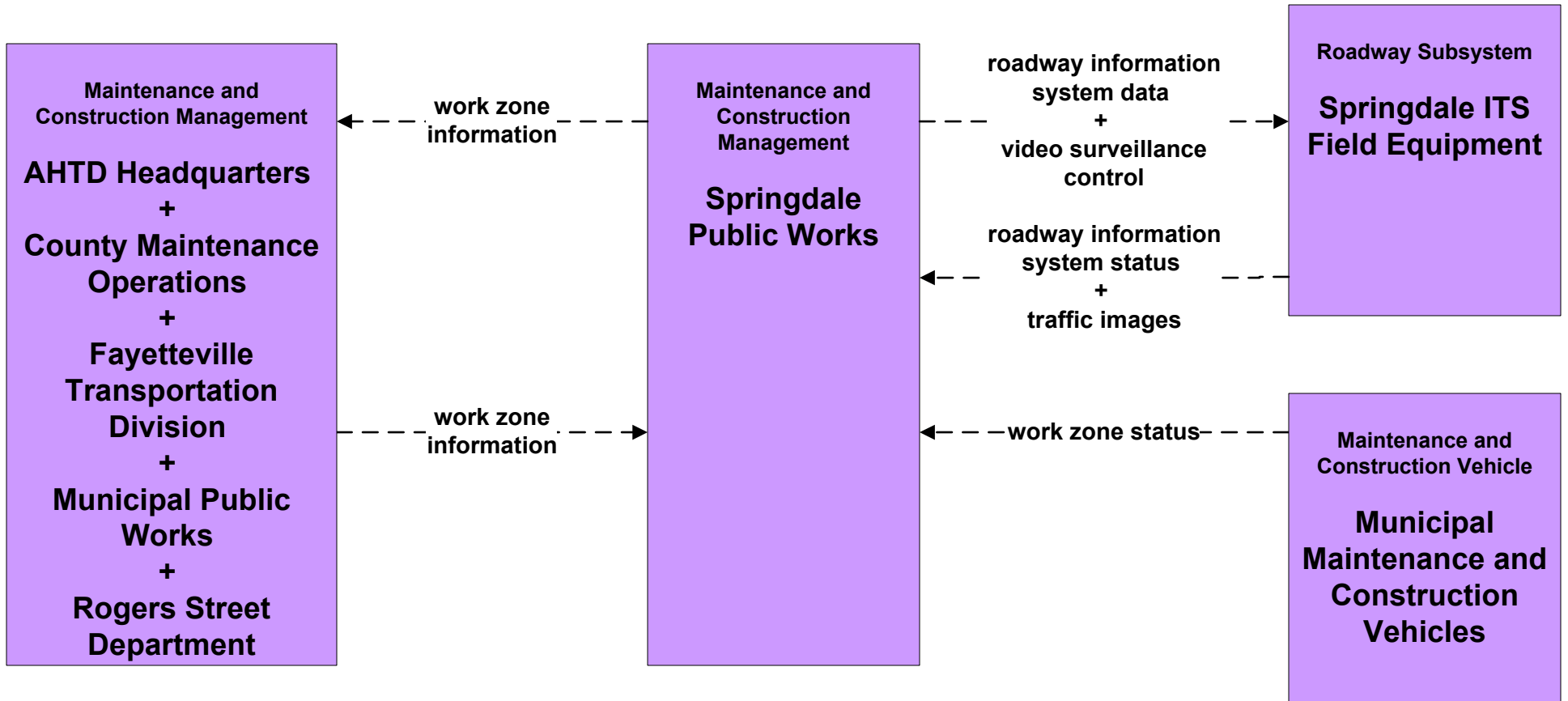
**MC08 - Work Zone Management
Fayetteville Transportation Division**



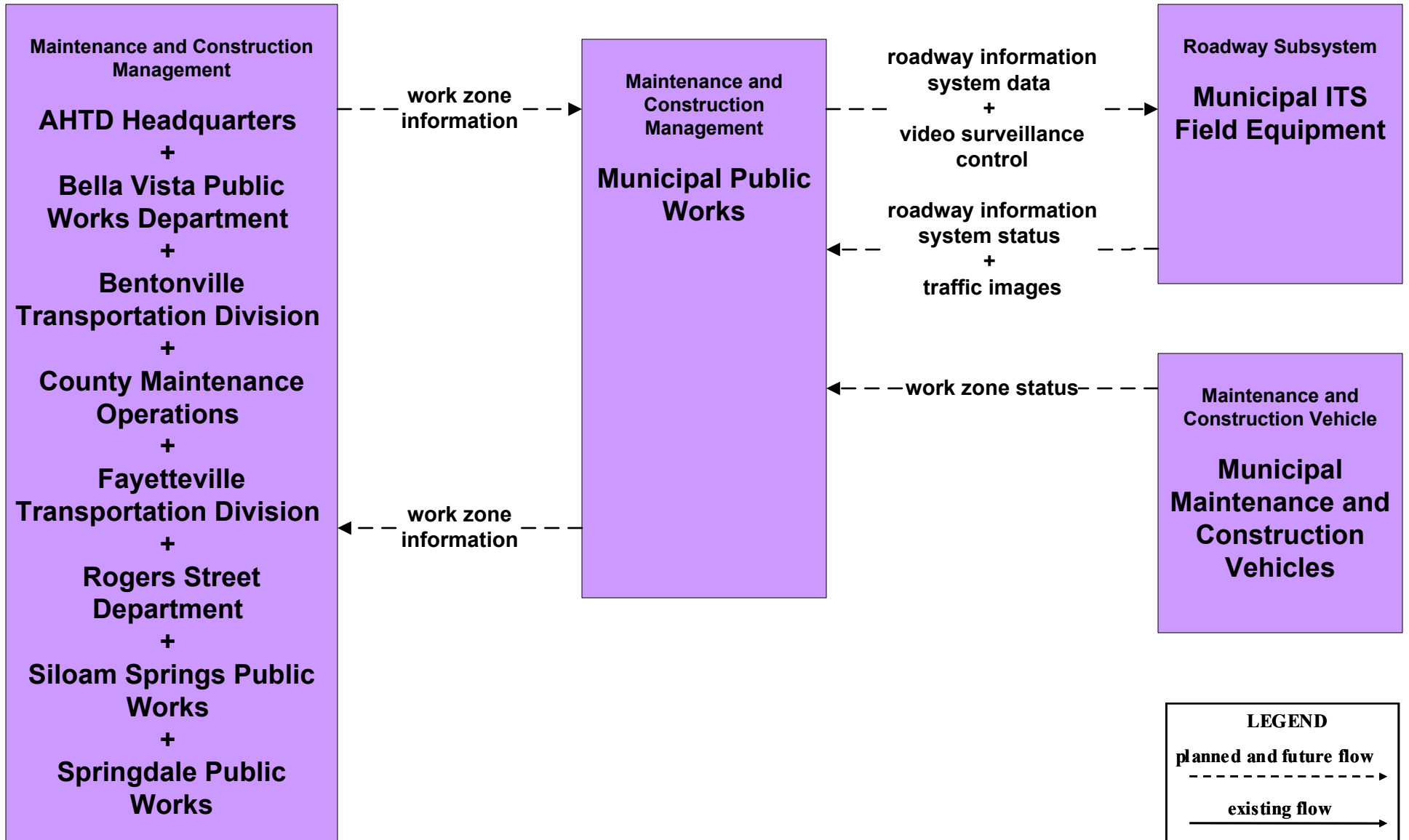
**MC08 - Work Zone Management
Rogers Street Department**



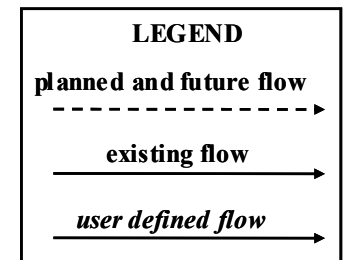
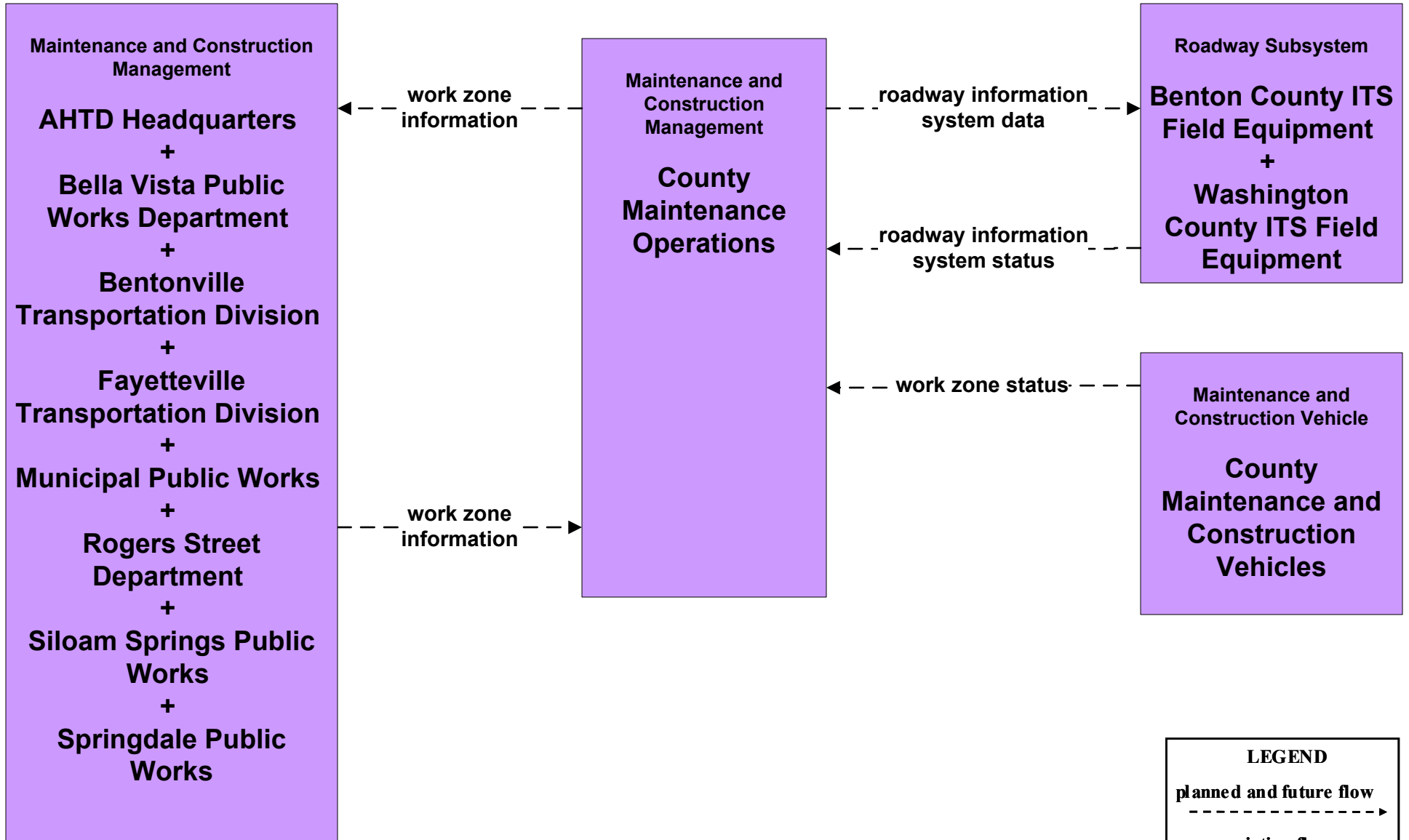
**MC08 - Work Zone Management
Springdale Public Works**



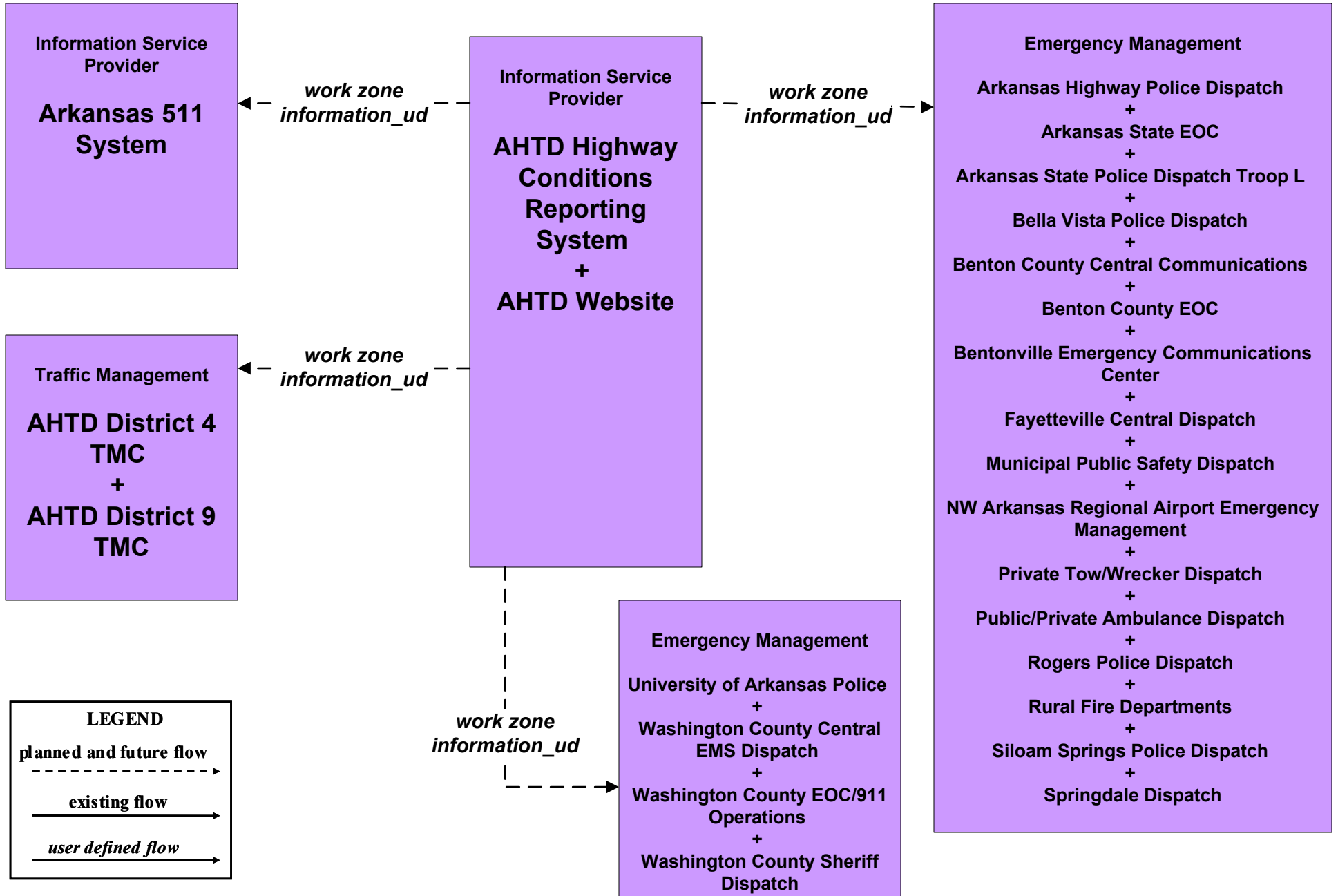
**MC08 - Work Zone Management
Municipal Public Works**



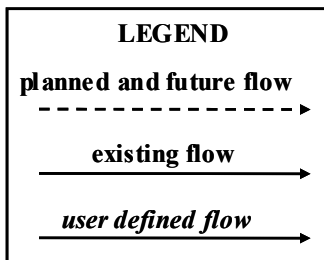
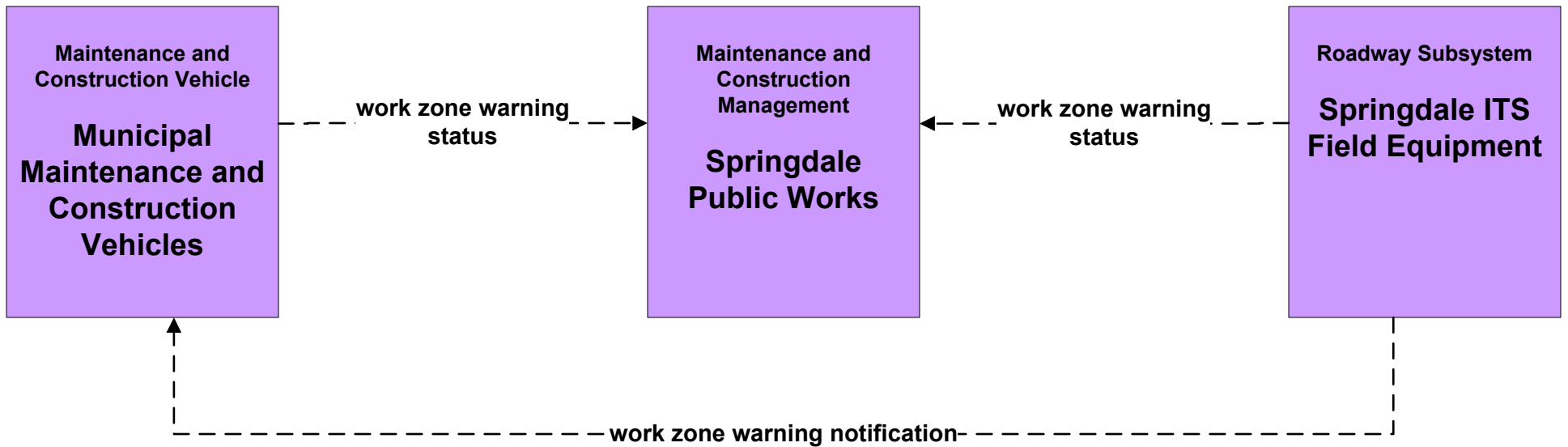
**MC08 - Work Zone Management
County Maintenance Operations**



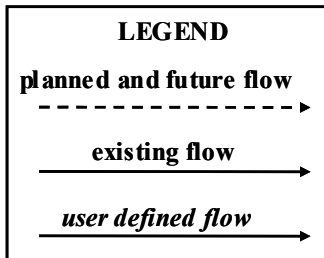
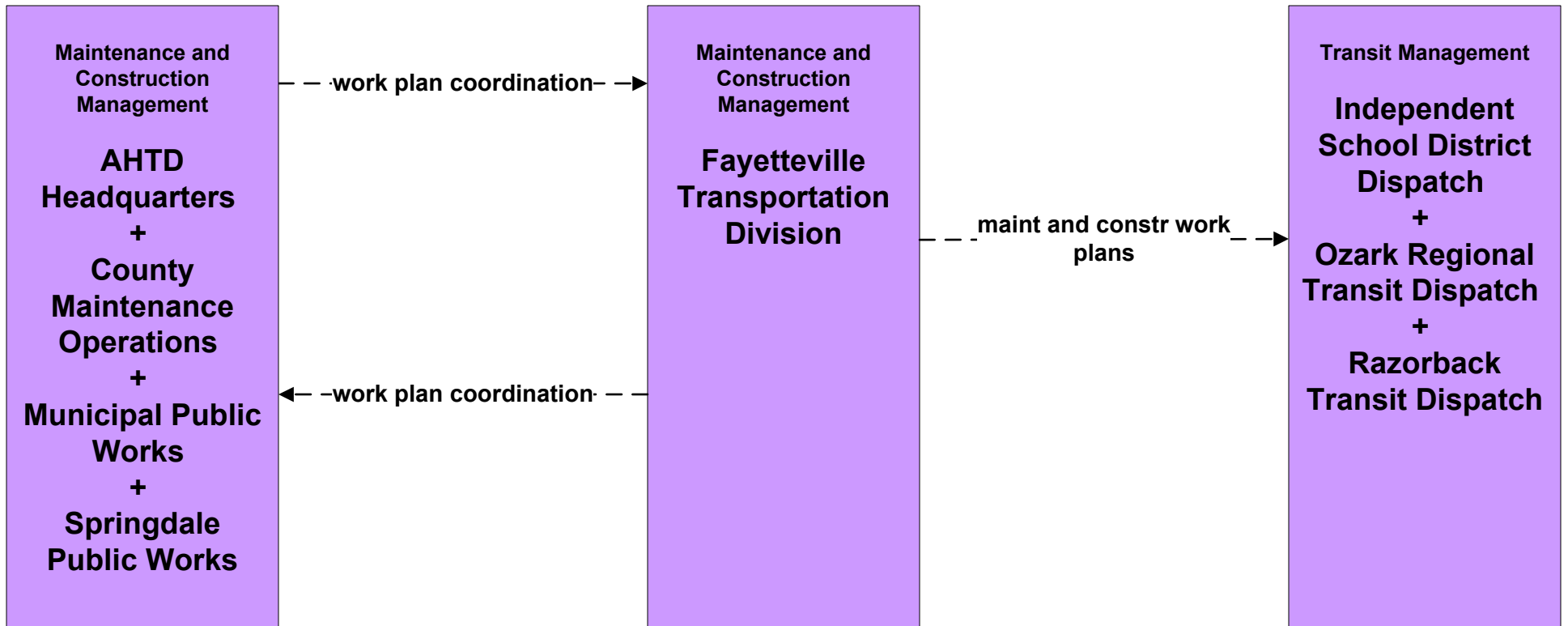
**MC08 - Work Zone Management
AHTD (3 of 3) Dissemination**



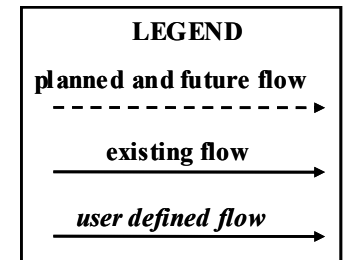
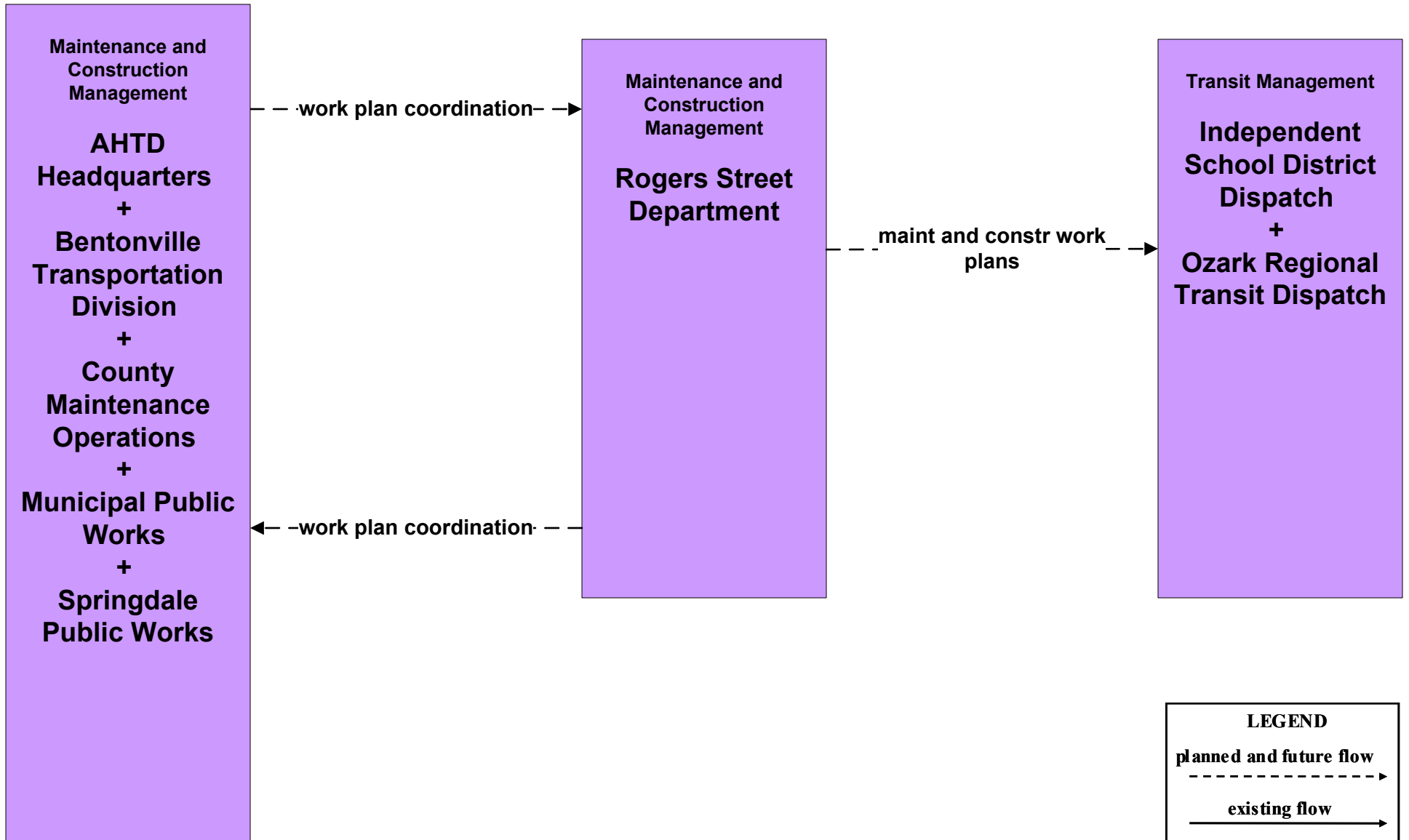
**MC09 - Work Zone Safety Monitoring
Springdale Public Works**



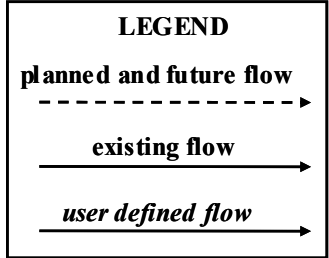
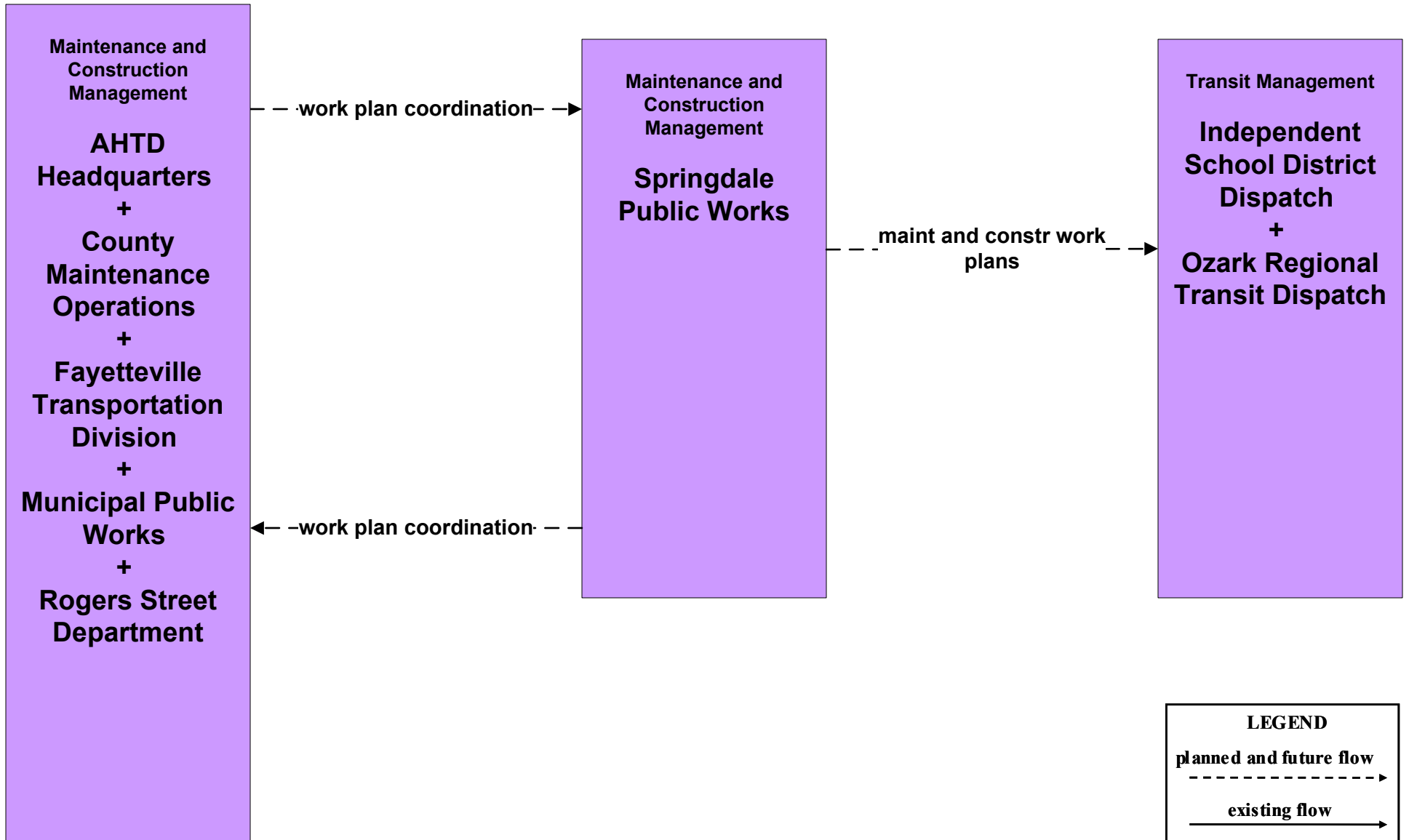
**MC10 - Maintenance and Construction Activity Coordination
Fayetteville Transportation Division**



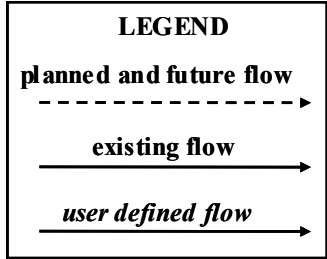
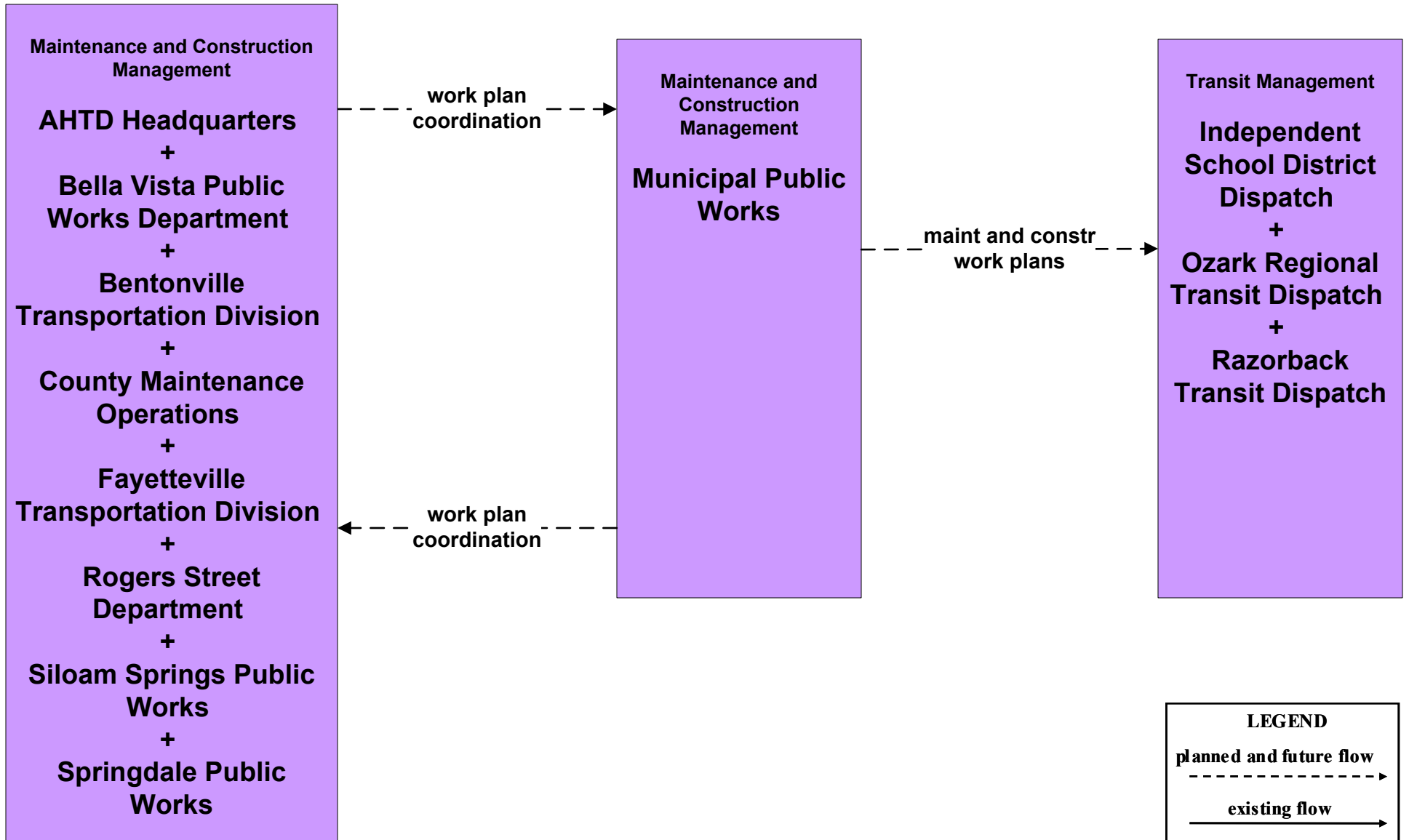
**MC10 - Maintenance and Construction Activity Coordination
Rogers Street Department**



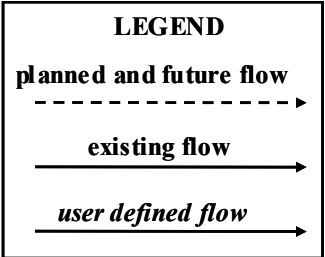
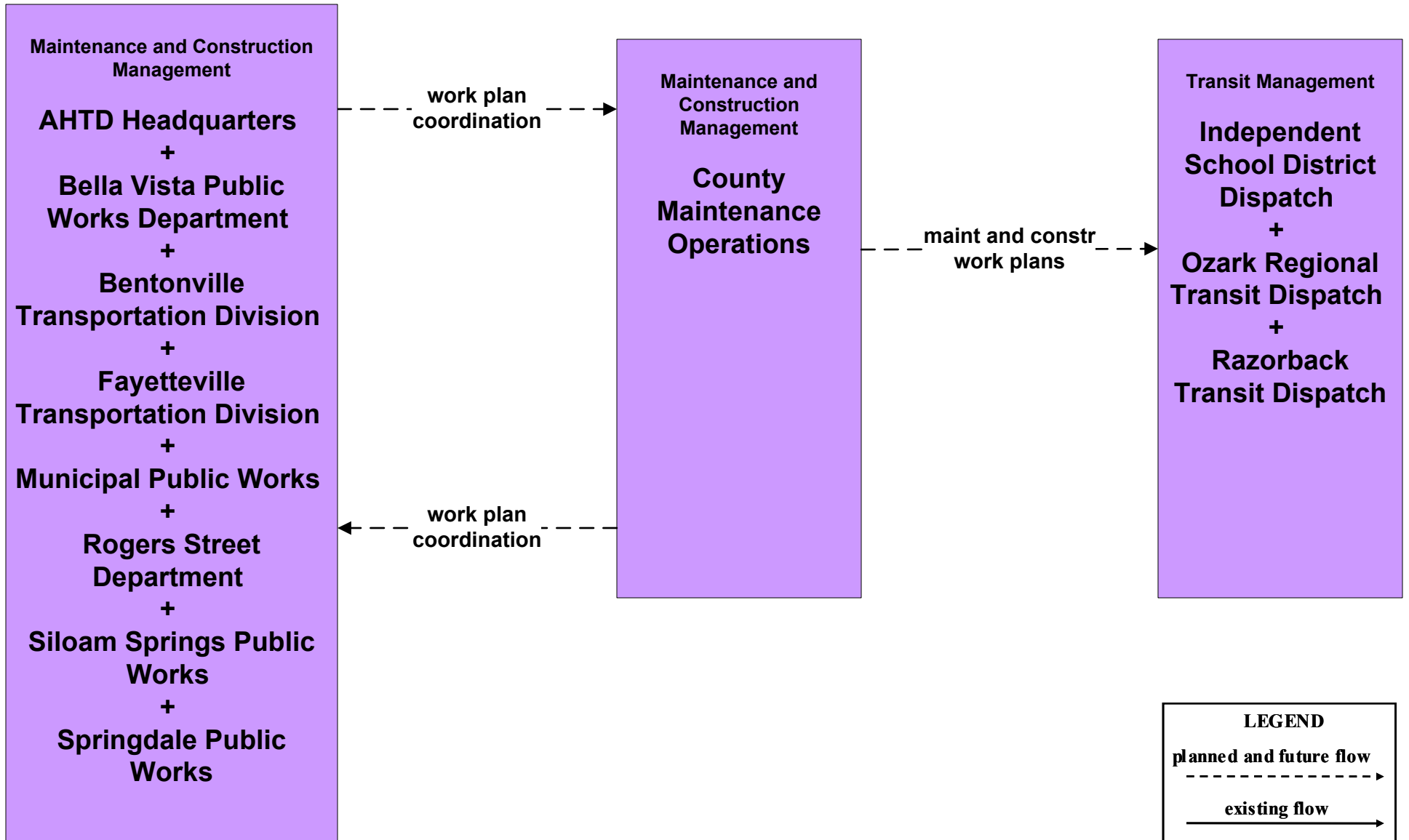
**MC10 - Maintenance and Construction Activity Coordination
Springdale Public Works**



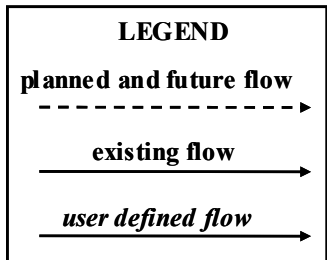
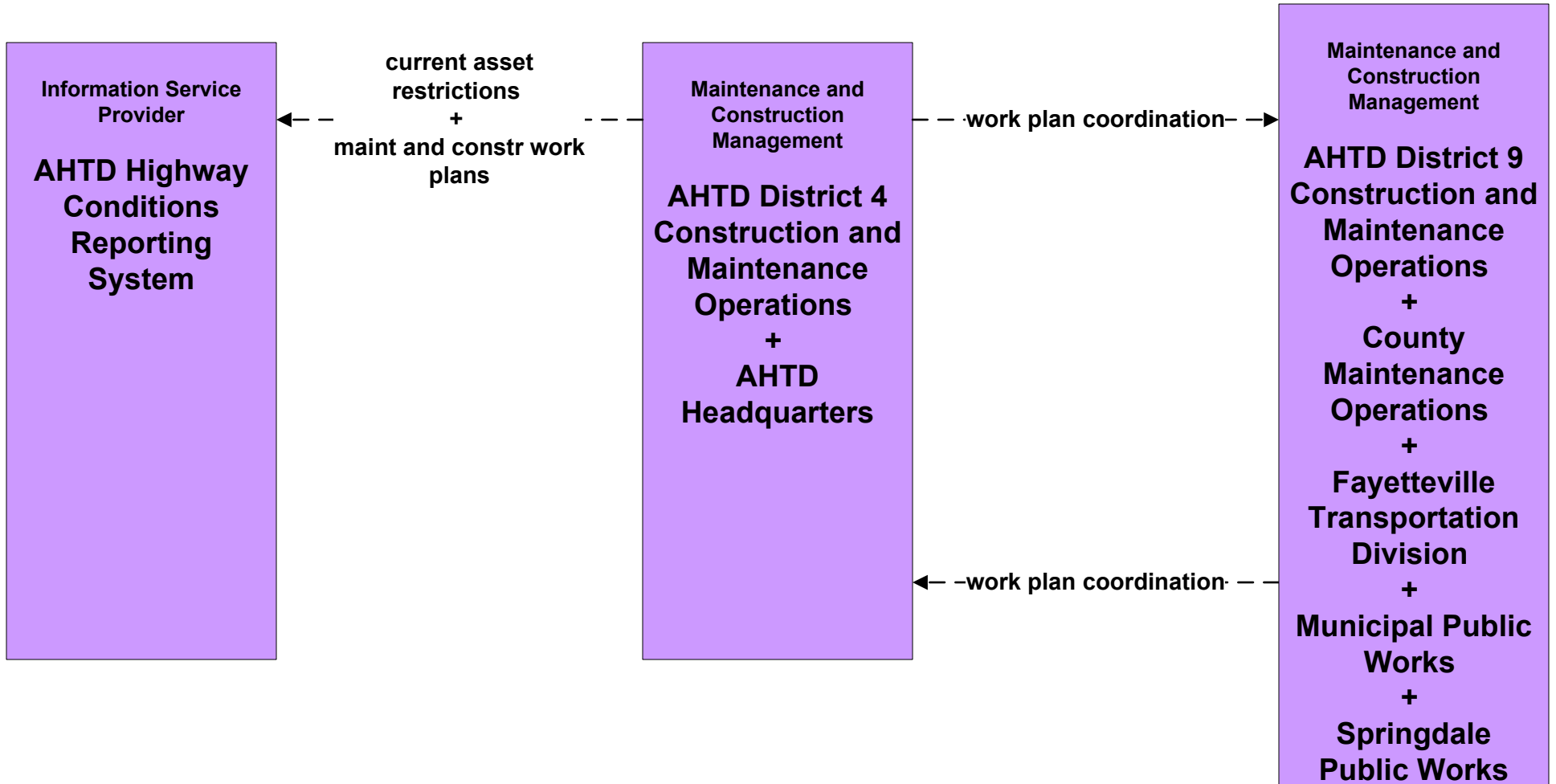
**MC10 - Maintenance and Construction Activity Coordination
Municipal Public Works**



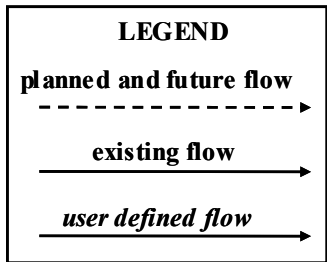
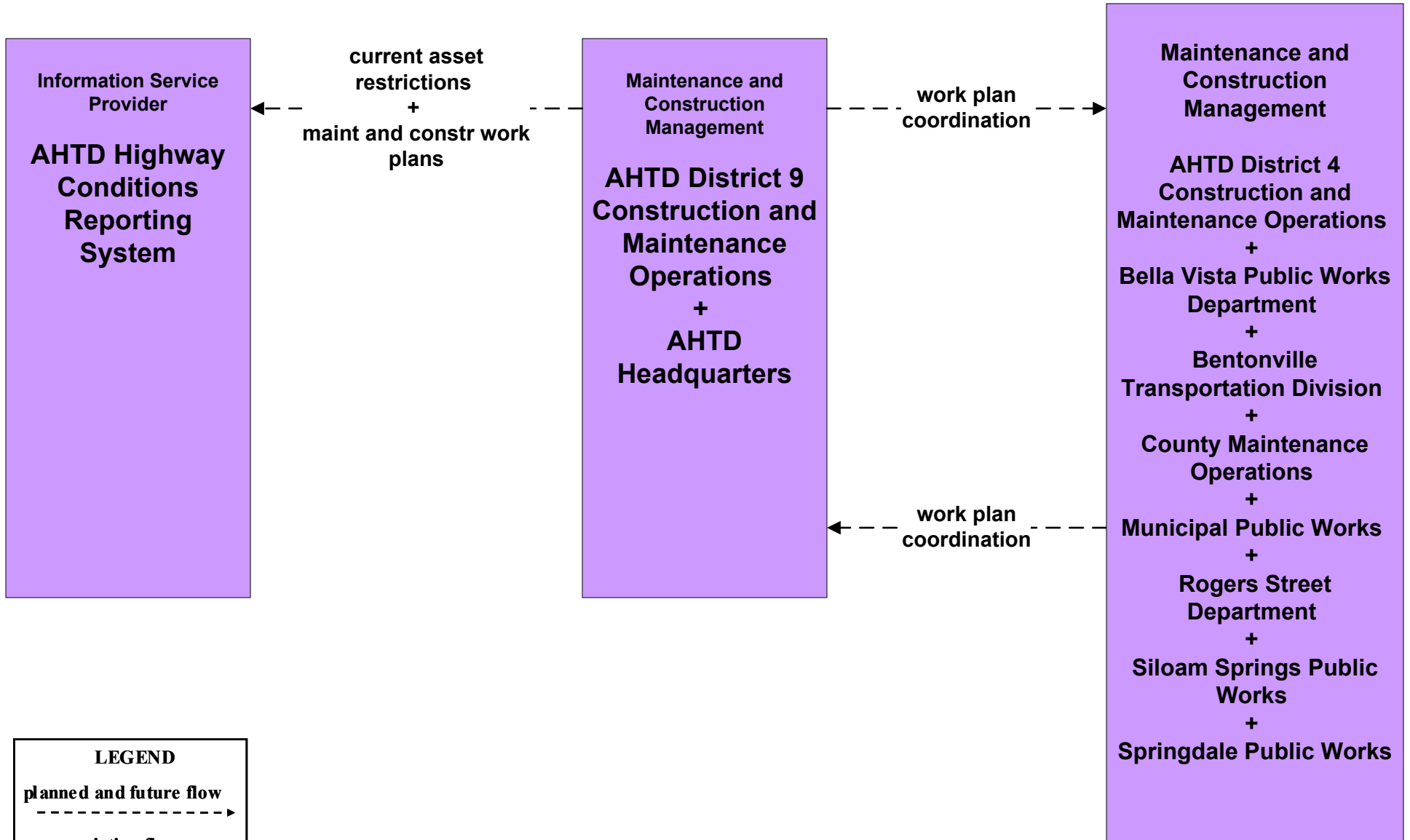
**MC10 - Maintenance and Construction Activity Coordination
County Maintenance Operations**



**MC10 - Maintenance and Construction Activity Coordination
AHTD Activity Coordination (1 of 3) - AHTD District 4**



**MC10 - Maintenance and Construction Activity Coordination
AHTD Activity Coordination (2 of 3) - AHTD District 9**



**MC10 - Maintenance and Construction Activity Coordination
AHTD Activity Coordination (3 of 3) - Information Dissemination**

