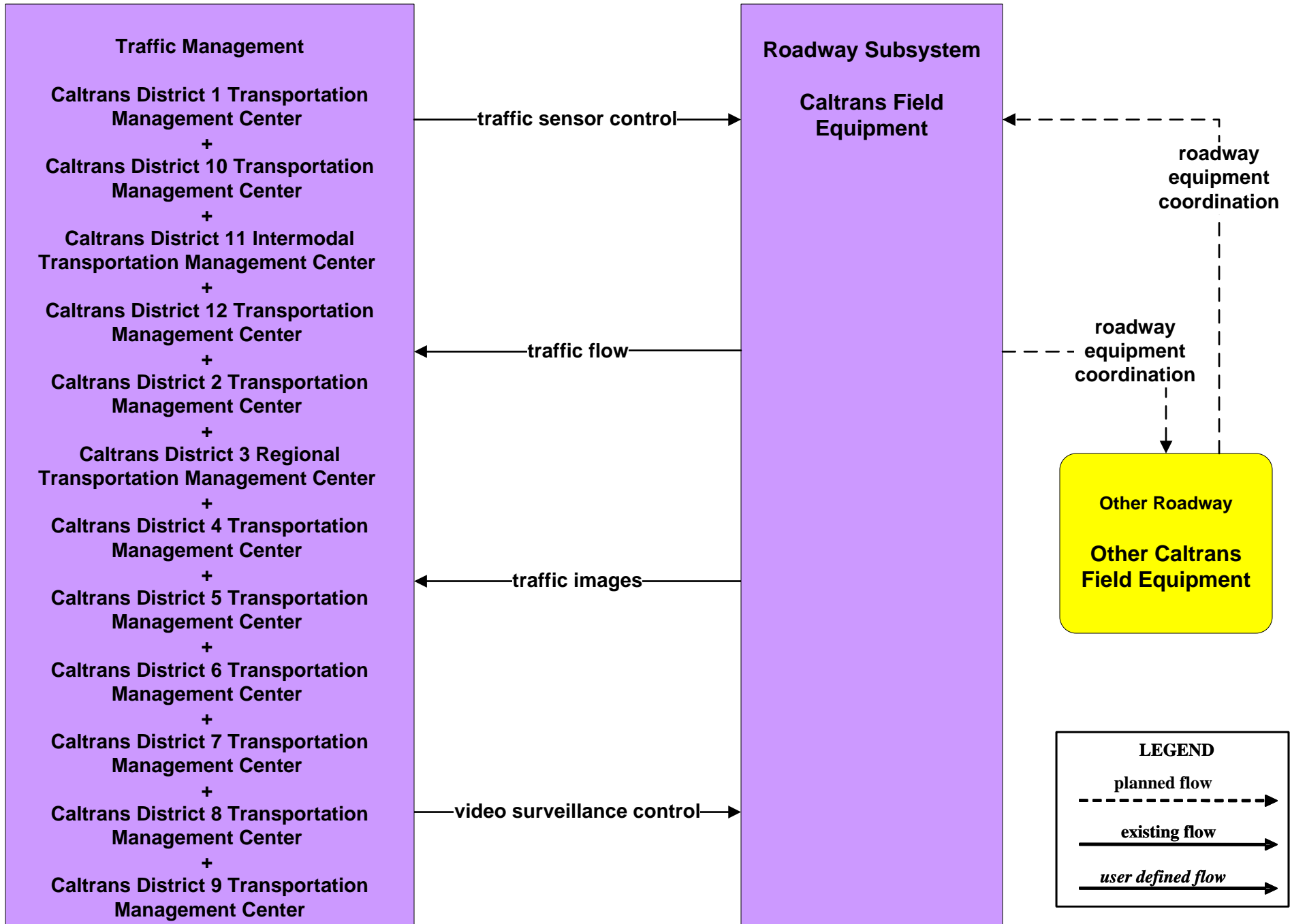


**California Statewide ITS Architecture**

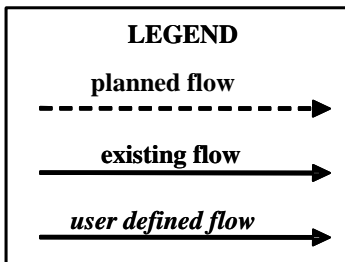
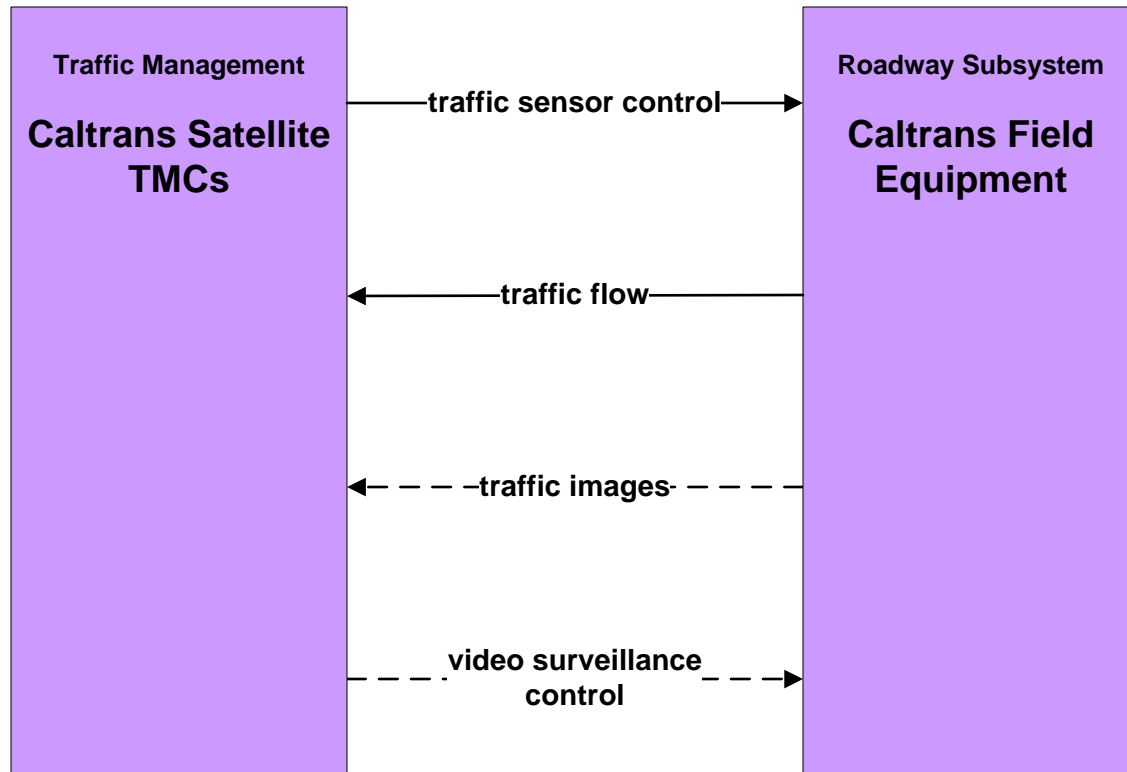
**Customized Market Package Diagrams**

**Advanced Traffic Management Systems  
(ATMS)**

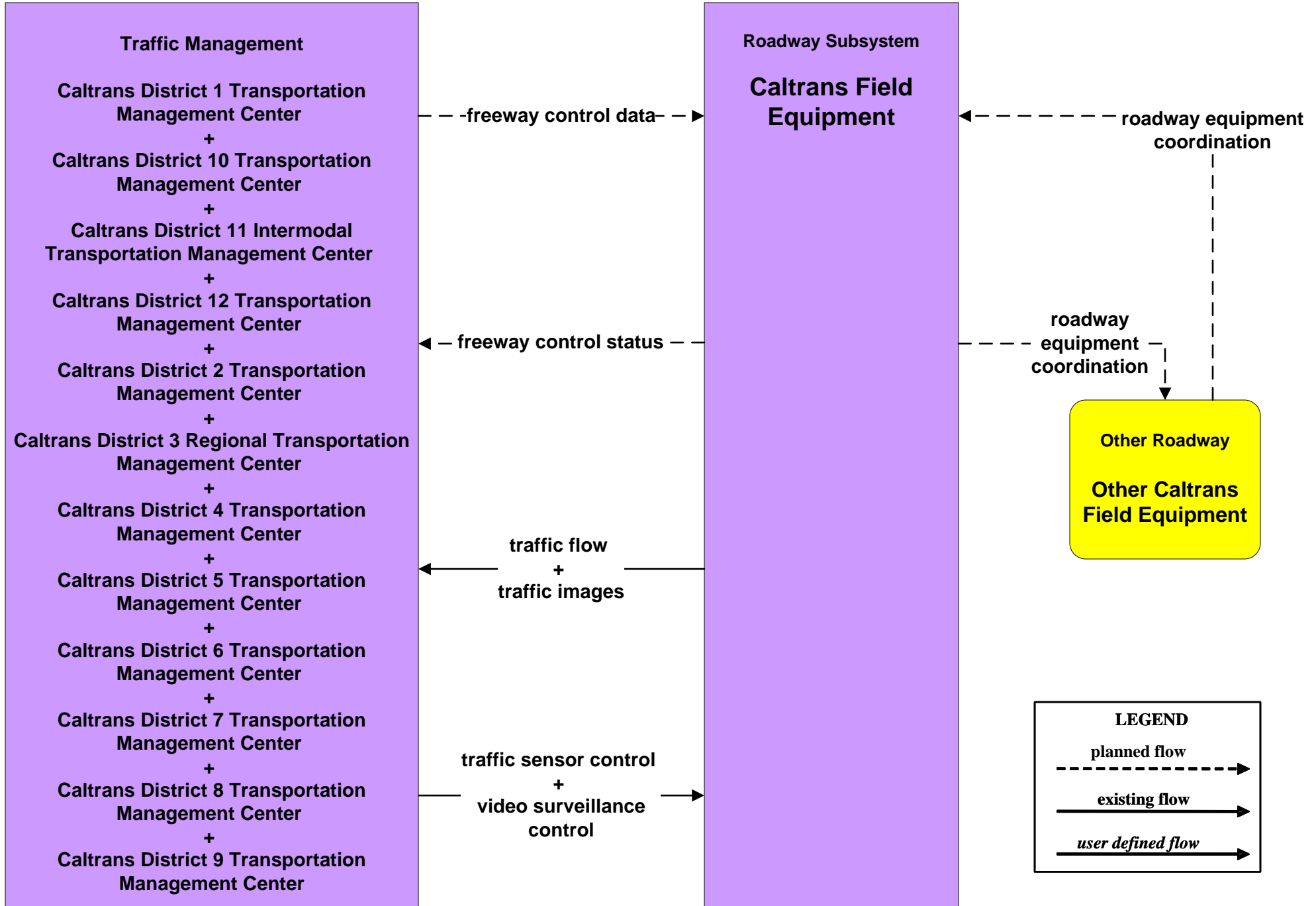
# ATMS01 - Network Surveillance Caltrans Traffic Operations Center



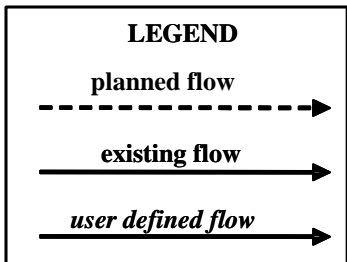
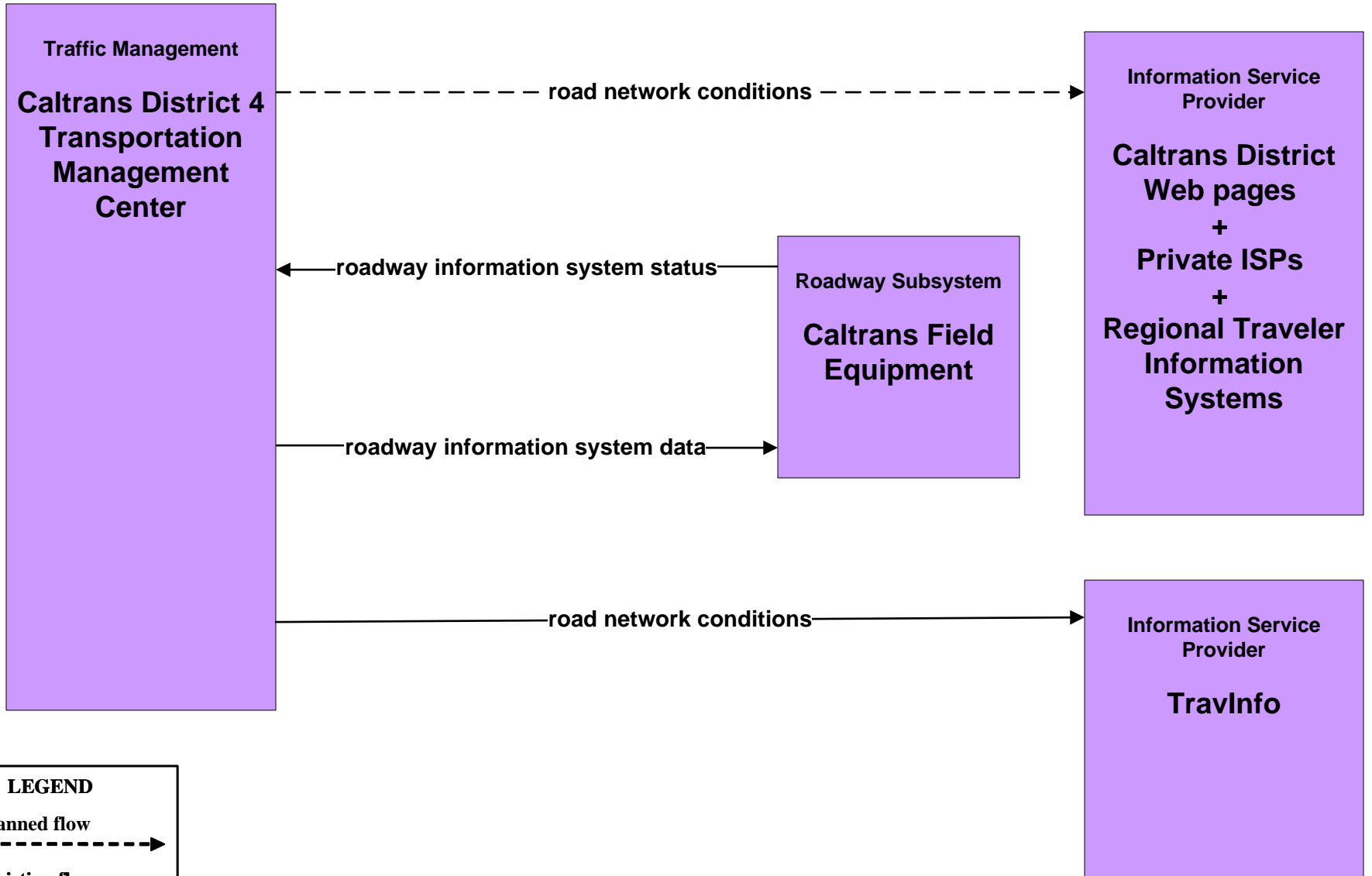
**ATMS01 - Network Surveillance  
Caltrans Satellite Traffic Management Centers**



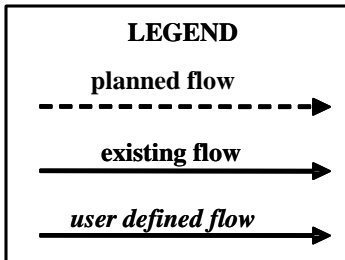
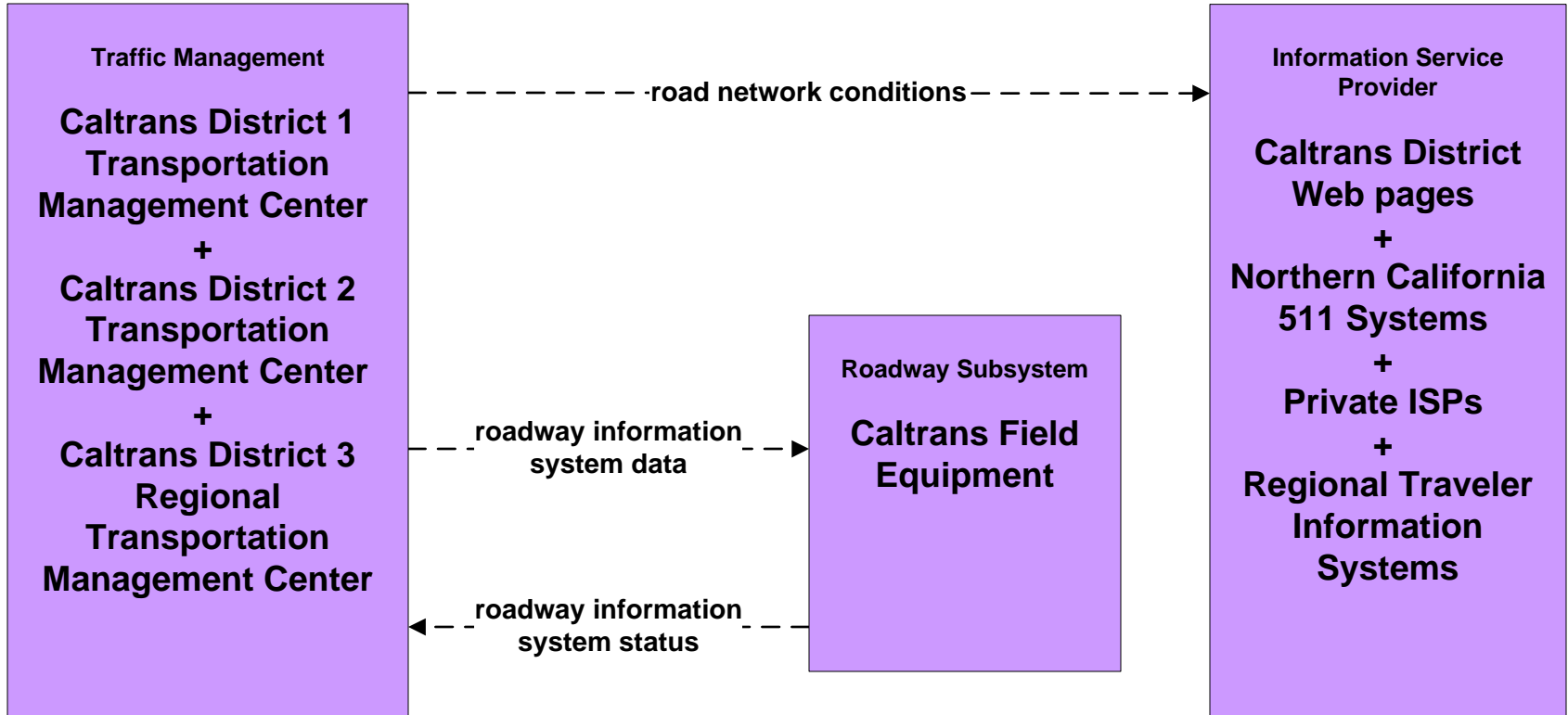
# ATMS04 - Freeway Control Caltrans Districts



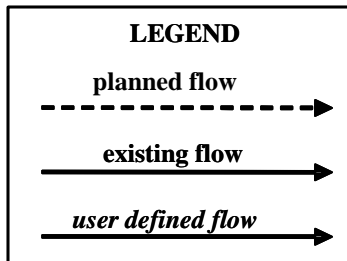
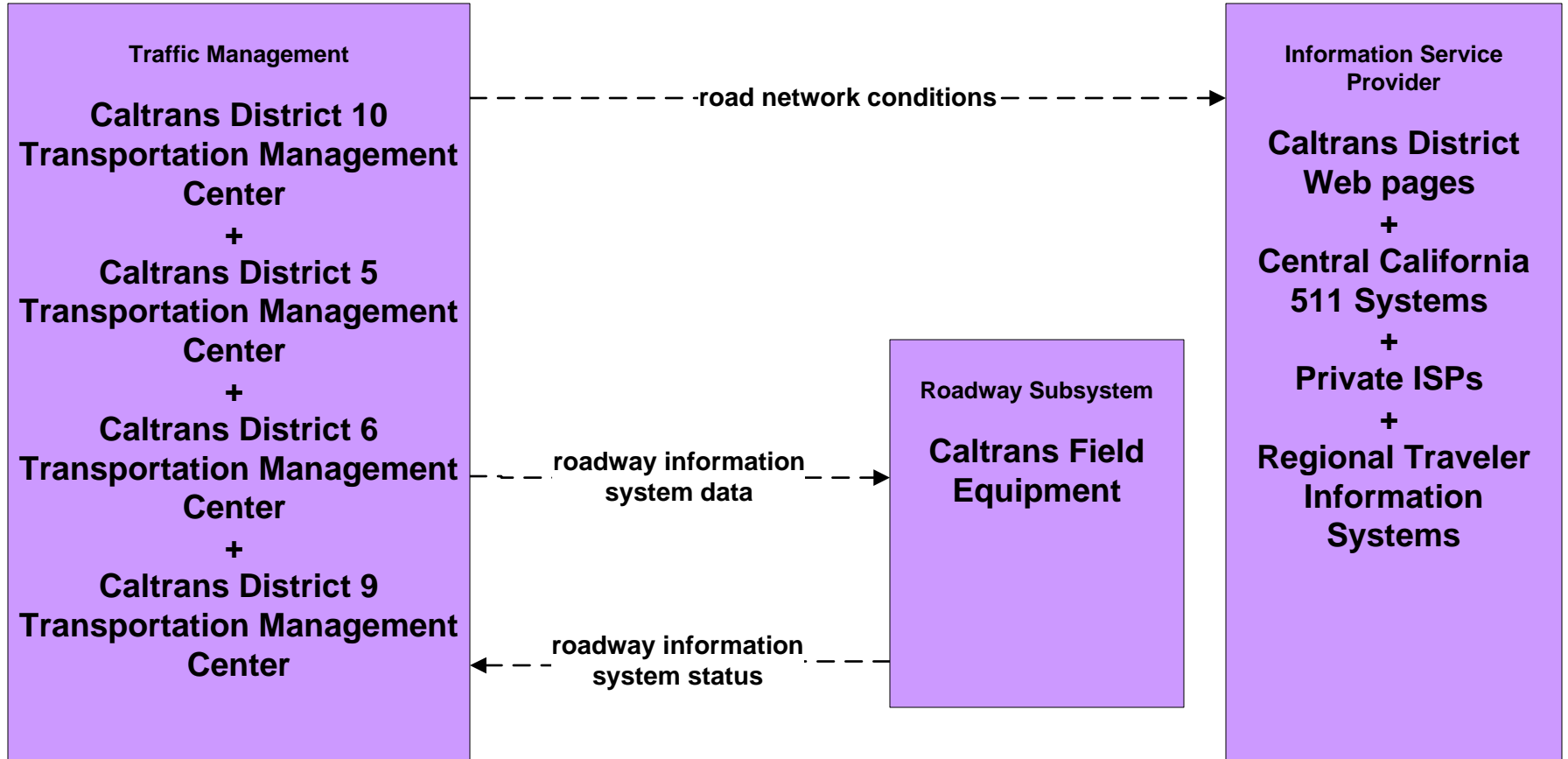
**ATMS06 - Traffic Information Dissemination  
Caltrans Bay Area TMC**



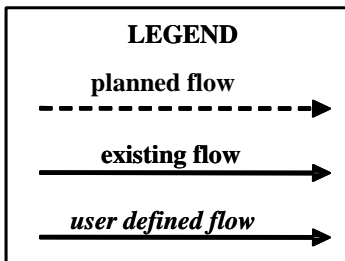
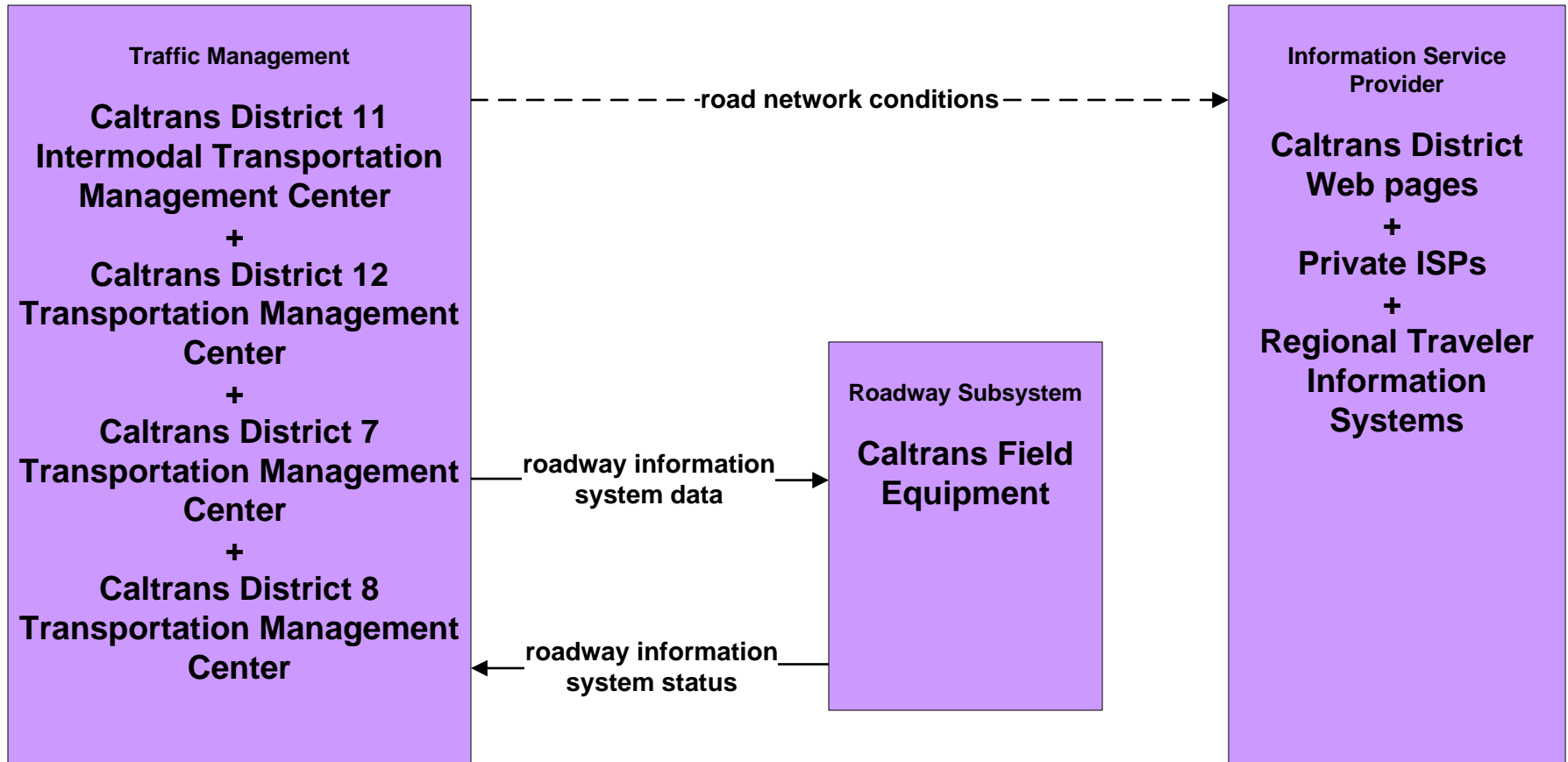
**ATMS06 - Traffic Information Dissemination  
Northern California Caltrans TMCs**



**ATMS06 - Traffic Information Dissemination  
Central California TMCs**

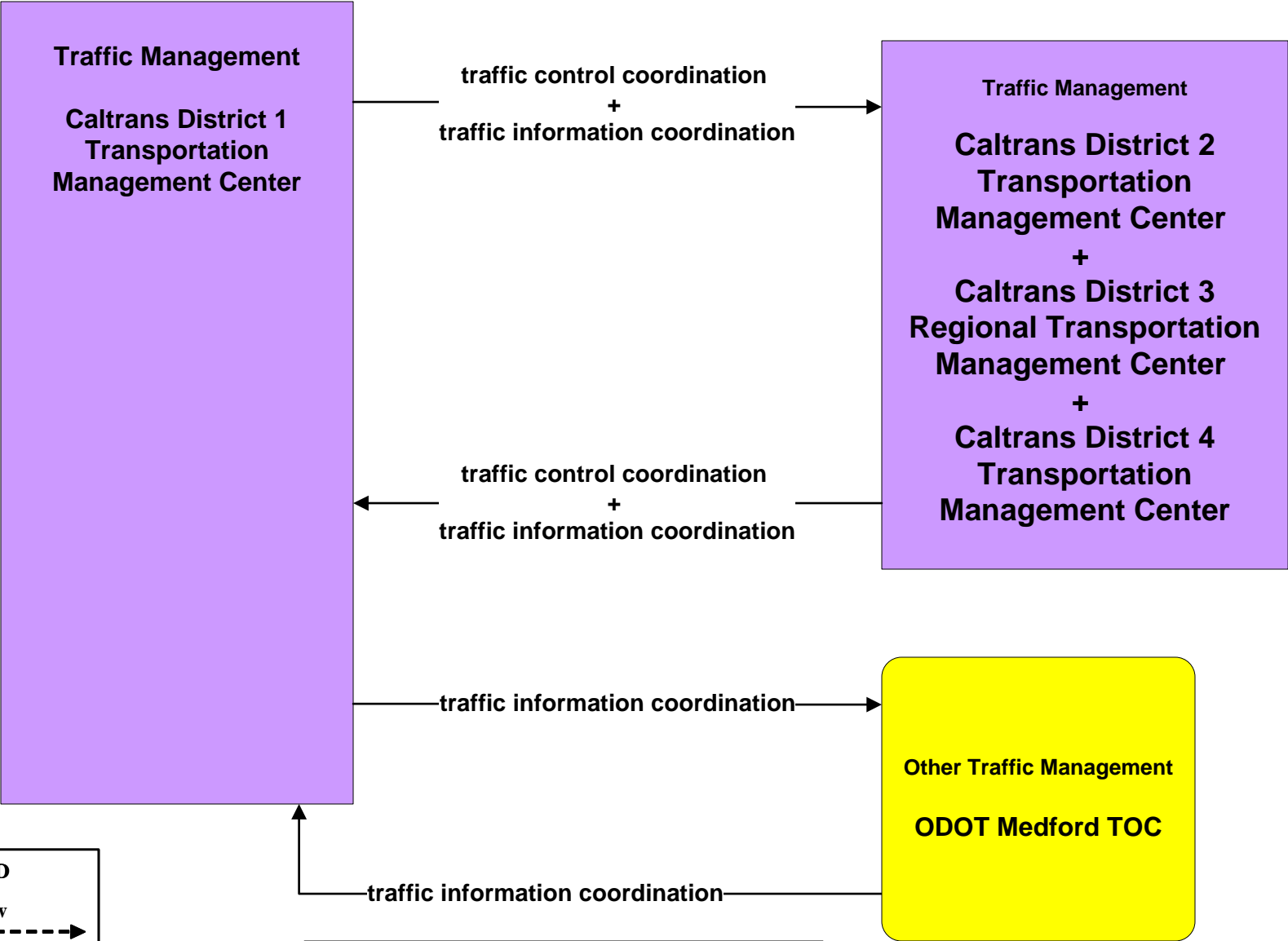


**ATMS06 - Traffic Information Dissemination  
Southern California TMCs**





**ATMS07 - Regional Traffic Control  
Caltrans/CHP Eureka ARTIC (District 1 TMC)**

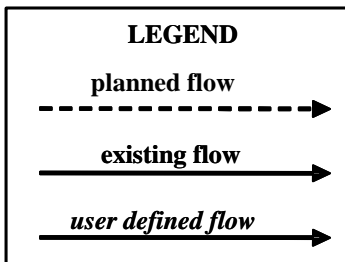
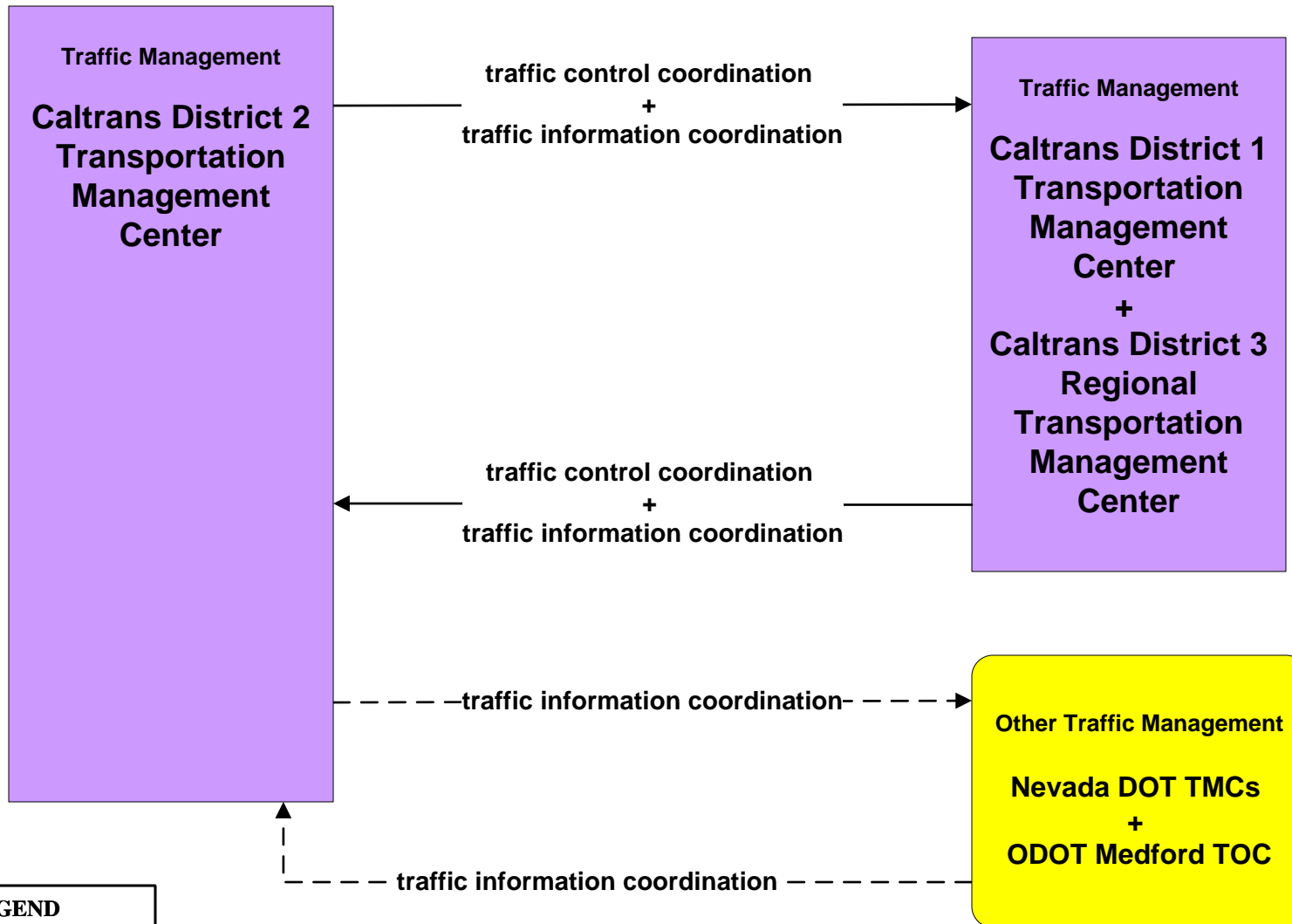


**LEGEND**

- planned flow → (dashed line)
- existing flow → (solid line)
- user defined flow → (solid line with underline)

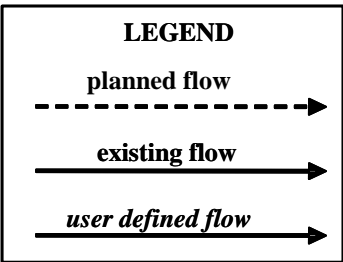
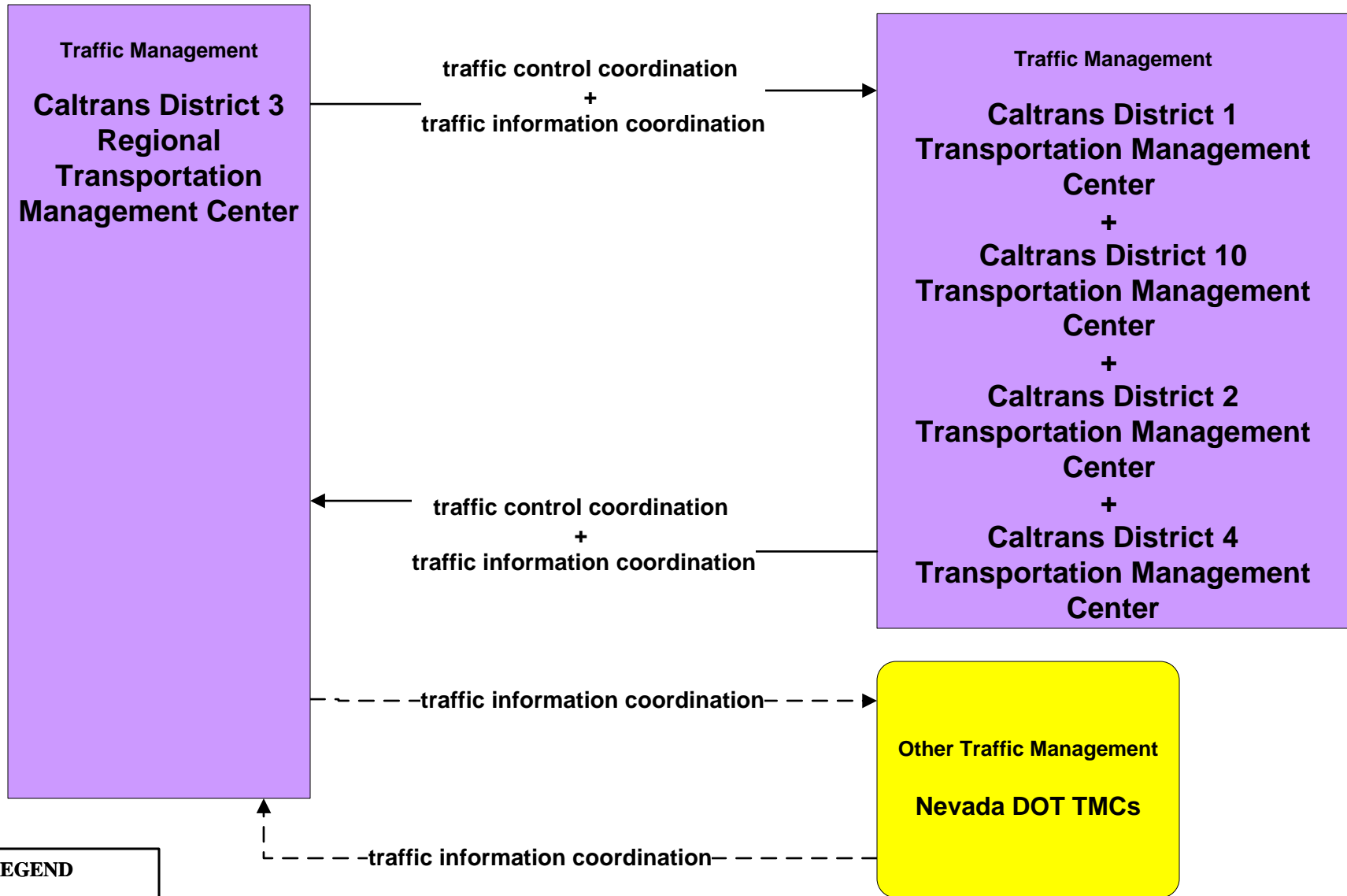
*Caltrans District TMCs will also connect to county/local TMCs, but this is (should be) covered by regional architectures.*

# ATMS07 - Regional Traffic Management Caltrans District 2 TMC



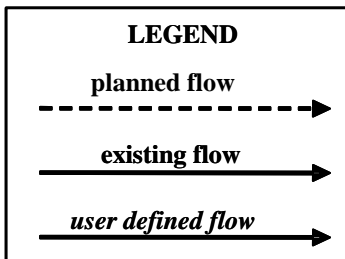
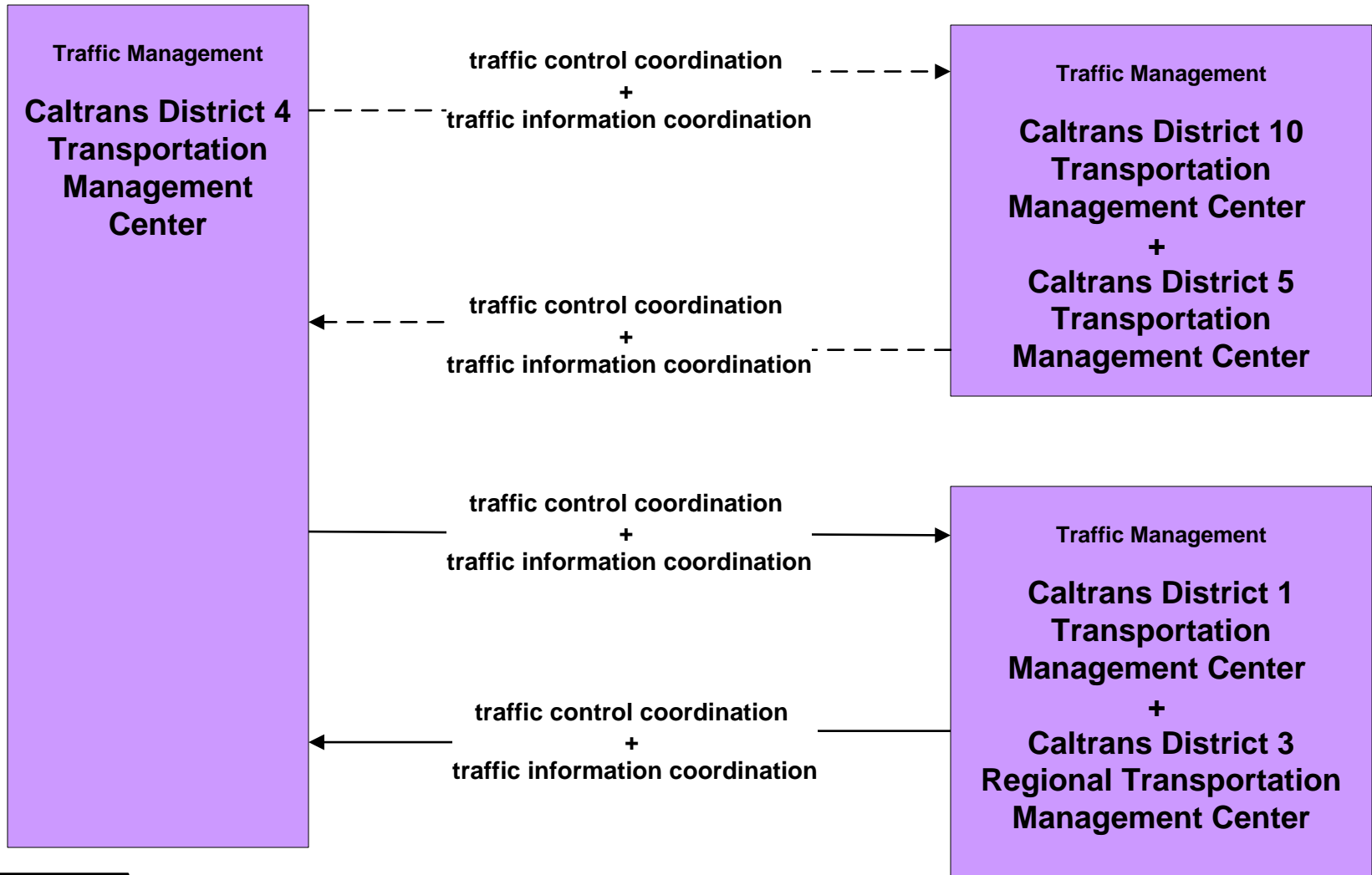
*Caltrans District TMCs will also connect to county/local TMCs, but this is (should be) covered by regional architectures.*

**ATMS07 - Regional Traffic Management  
Caltrans District 3 TMC**



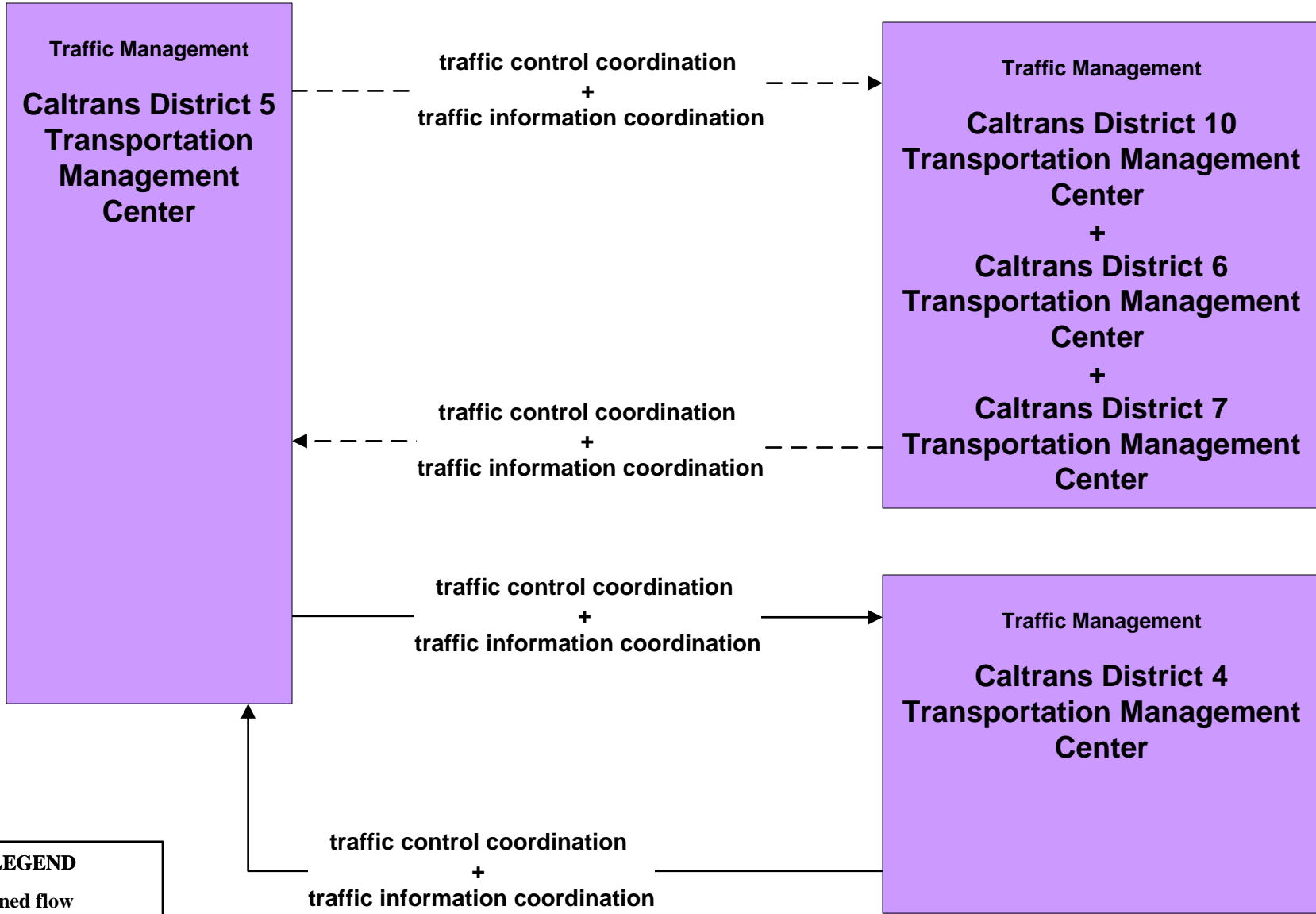
*Caltrans District TMCs will also connect to county/local TMCs, but this is (should be) covered by regional architectures.*

# ATMS07 - Regional Traffic Management Caltrans District 4 TMC



*Caltrans District TMCs will also connect to county/ local TMCs, but this is (should be) covered by regional architectures.*

**ATMS07 - Regional Traffic Control  
Caltrans District 5 TMC**

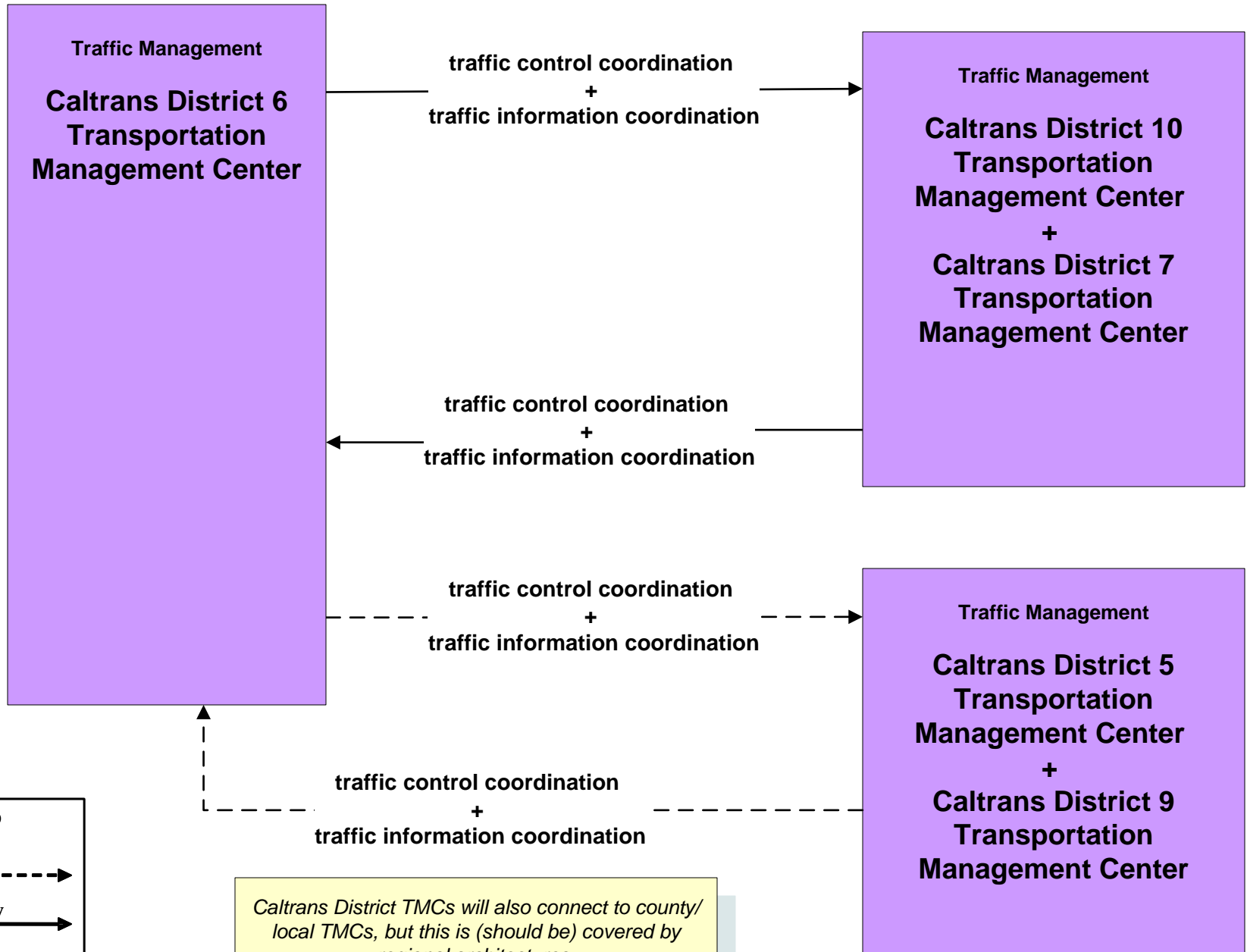


**LEGEND**

- planned flow
- existing flow
- user defined flow

*Caltrans District TMCs will also connect to county/local TMCs, but this is (should be) covered by regional architectures.*

**ATMS07 - Regional Traffic Control  
Caltrans District 6 TMC**

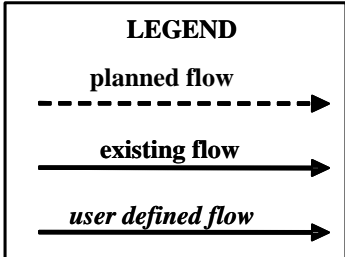
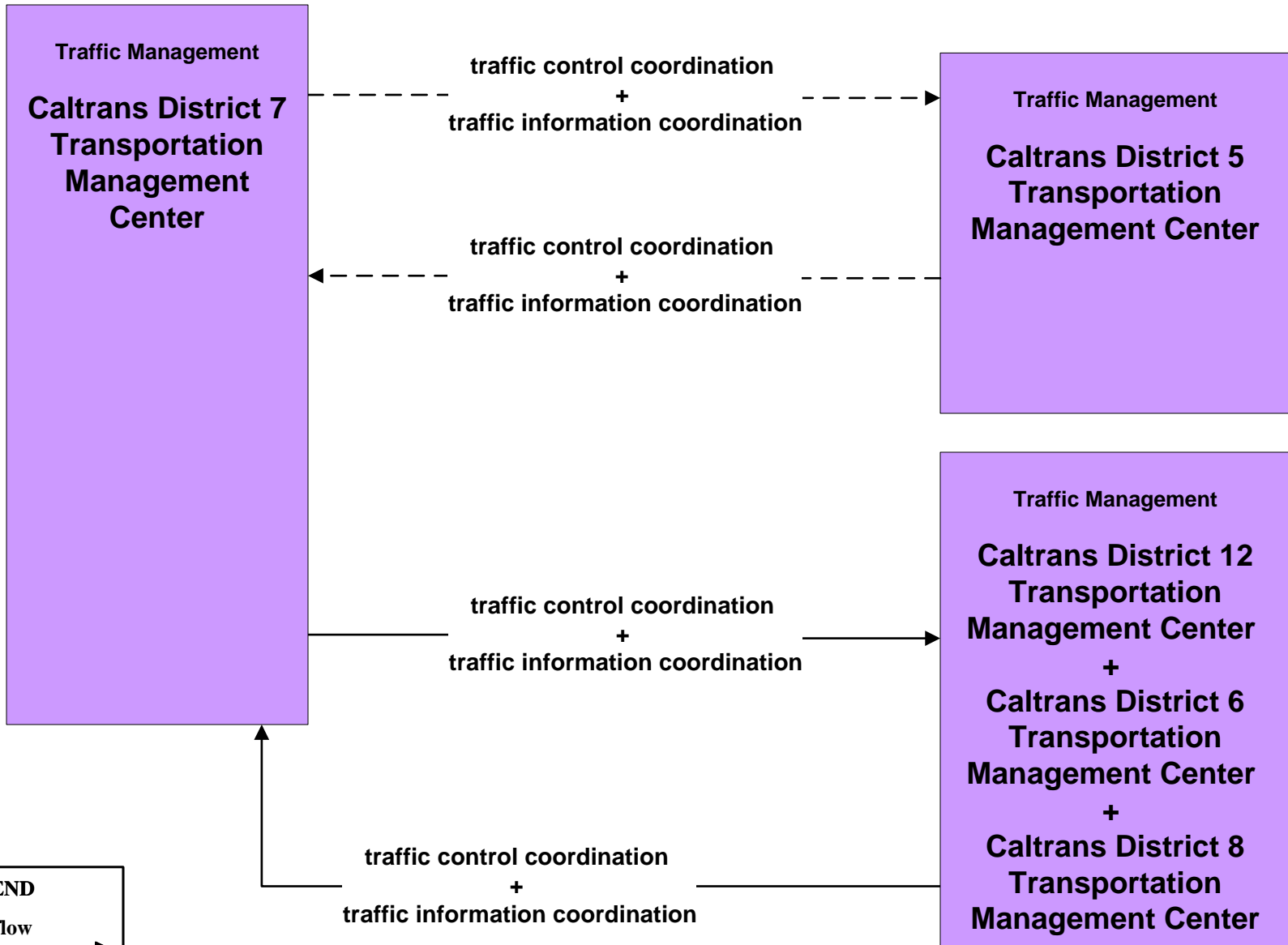


**LEGEND**

- planned flow
- existing flow
- user defined flow

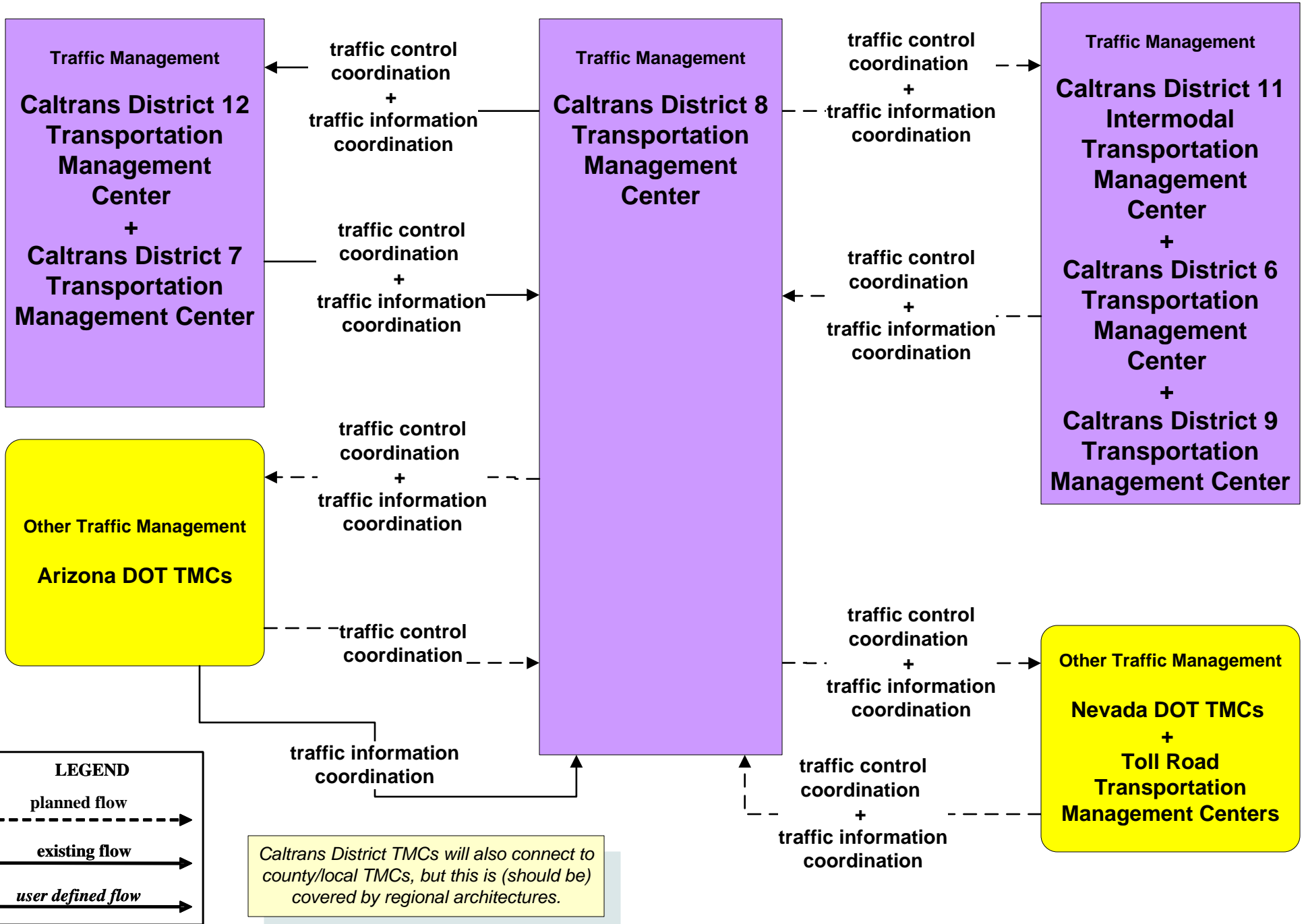
*Caltrans District TMCs will also connect to county/ local TMCs, but this is (should be) covered by regional architectures.*

# ATMS07 - Regional Traffic Control Caltrans District 7 TMC



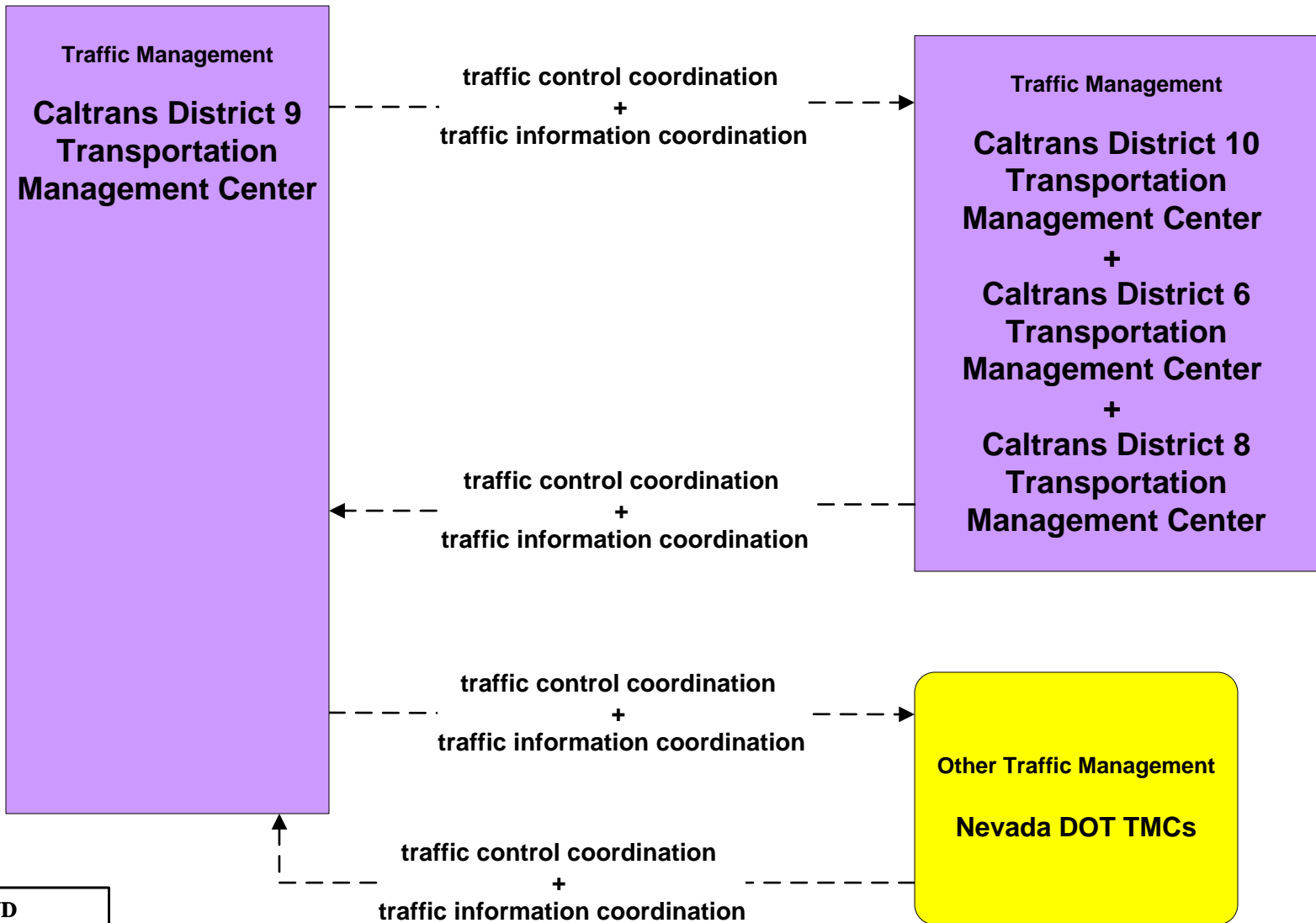
*Caltrans District TMCs will also connect to county/ local TMCs, but this is (should be) covered by regional architectures.*

# ATMS07 - Regional Traffic Management Caltrans District 8 TMC





**ATMS07 - Regional Traffic Control  
Caltrans District 9 TMC**

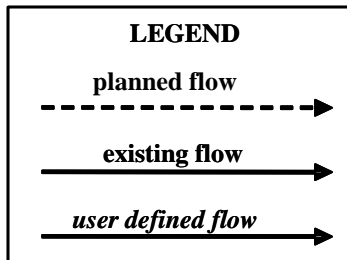
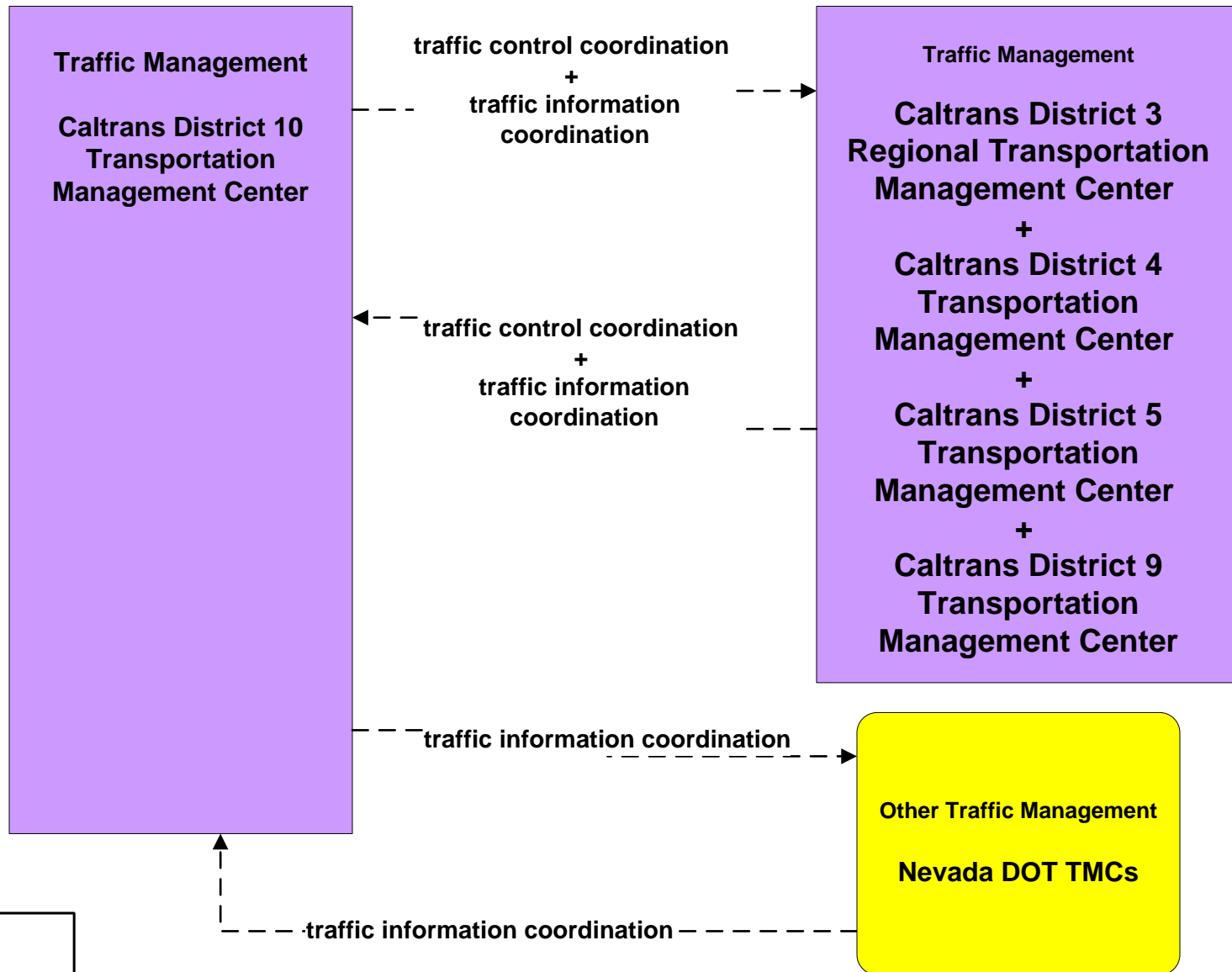


**LEGEND**

- planned flow → (dashed arrow)
- existing flow → (solid arrow)
- user defined flow → (solid arrow)

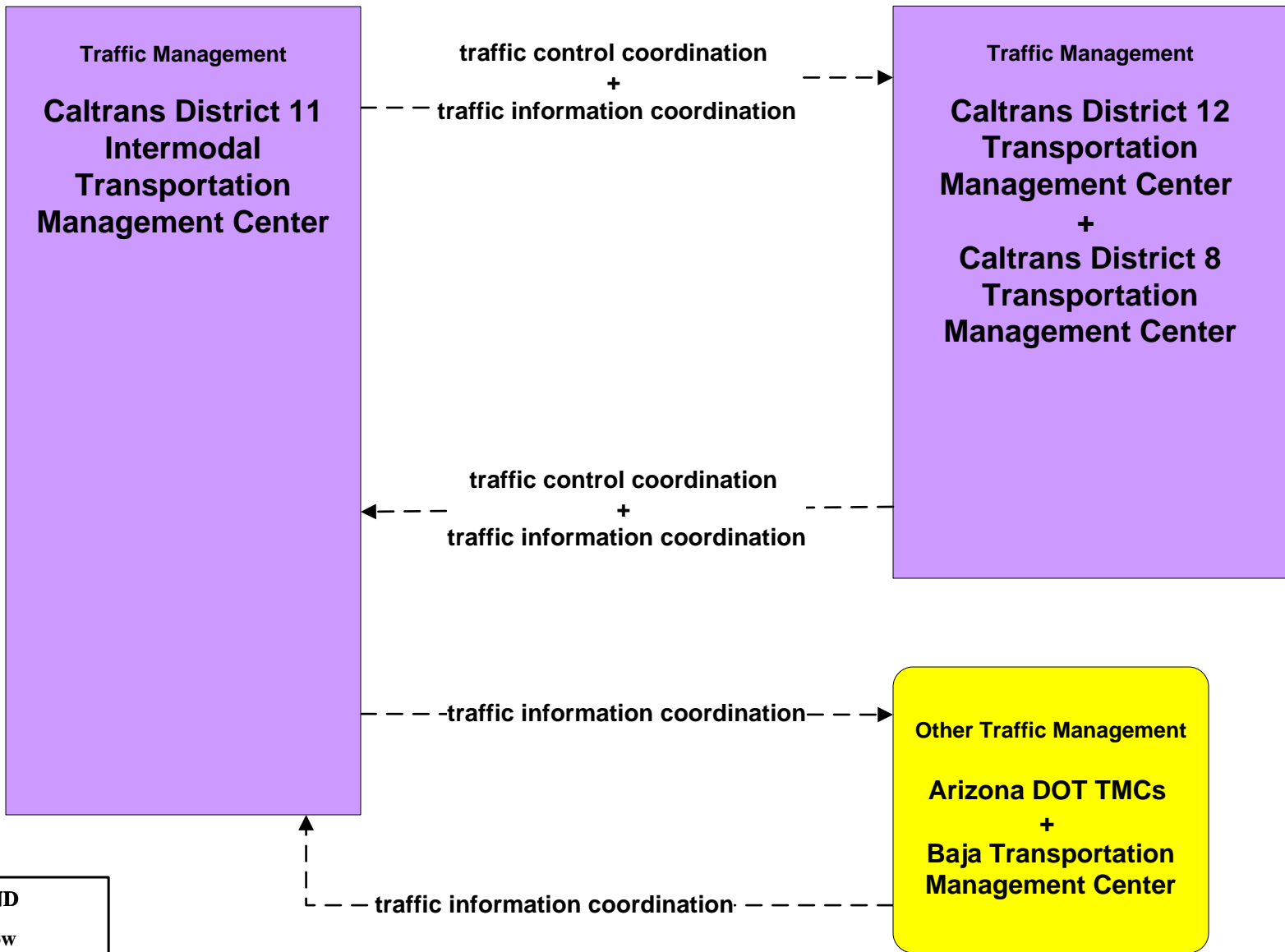
*Caltrans District TMCs will also connect to county/local TMCs, but this is (should be) covered by regional architectures.*

# ATMS07 - Regional Traffic Control Caltrans District 10 TMC

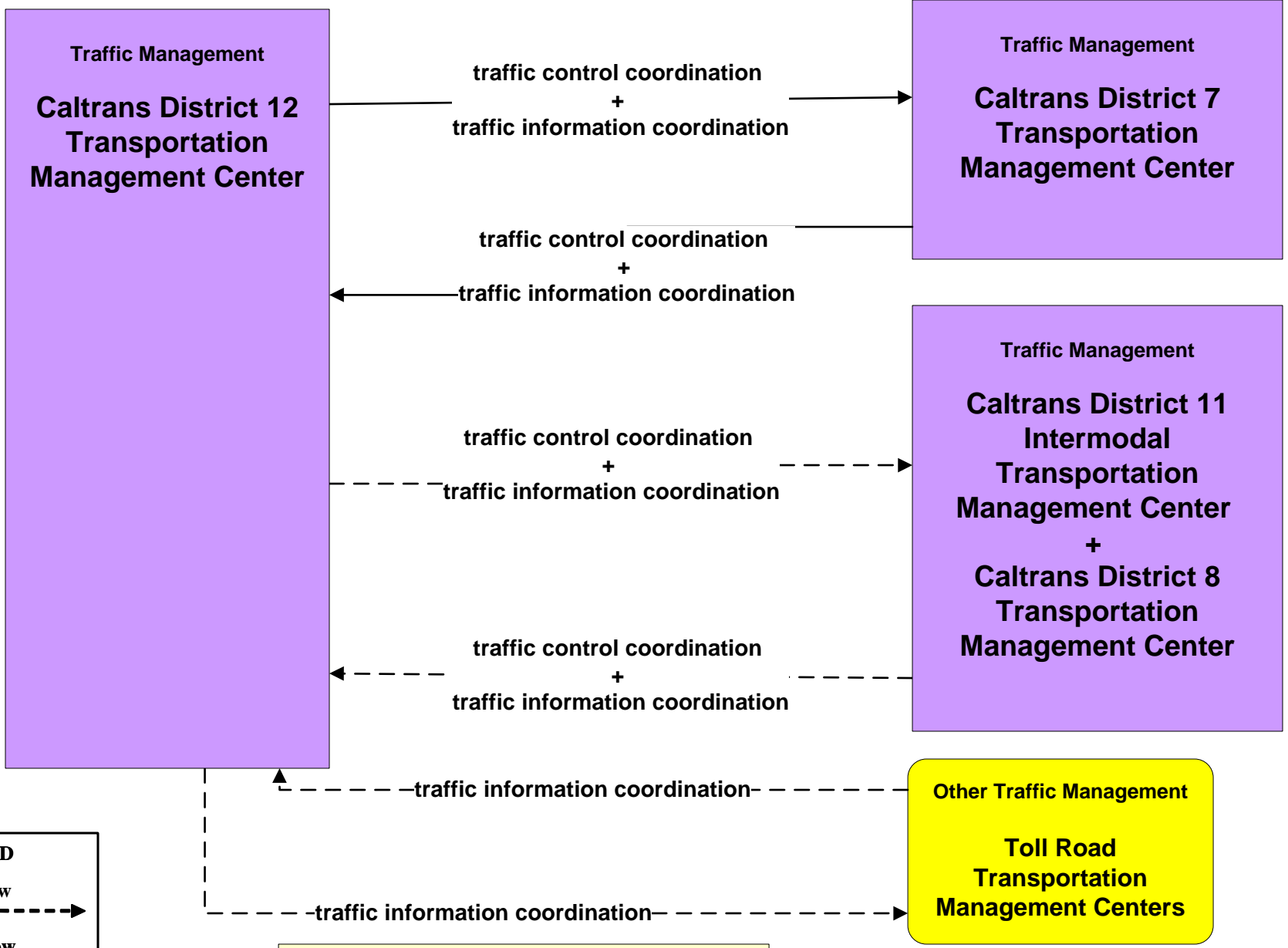


*Caltrans District TMCs will also connect to county/  
local TMCs, but this is (should be) covered by  
regional architectures.*

# ATMS07 - Regional Traffic Control Caltrans District 11 Intermodal TMC



# ATMS07 - Regional Traffic Control Caltrans District 12 TMC



*Caltrans District TMCs will also connect to county/ local TMCs, but this is (should be) covered by regional architectures.*

## **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*

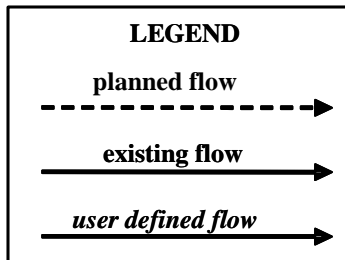
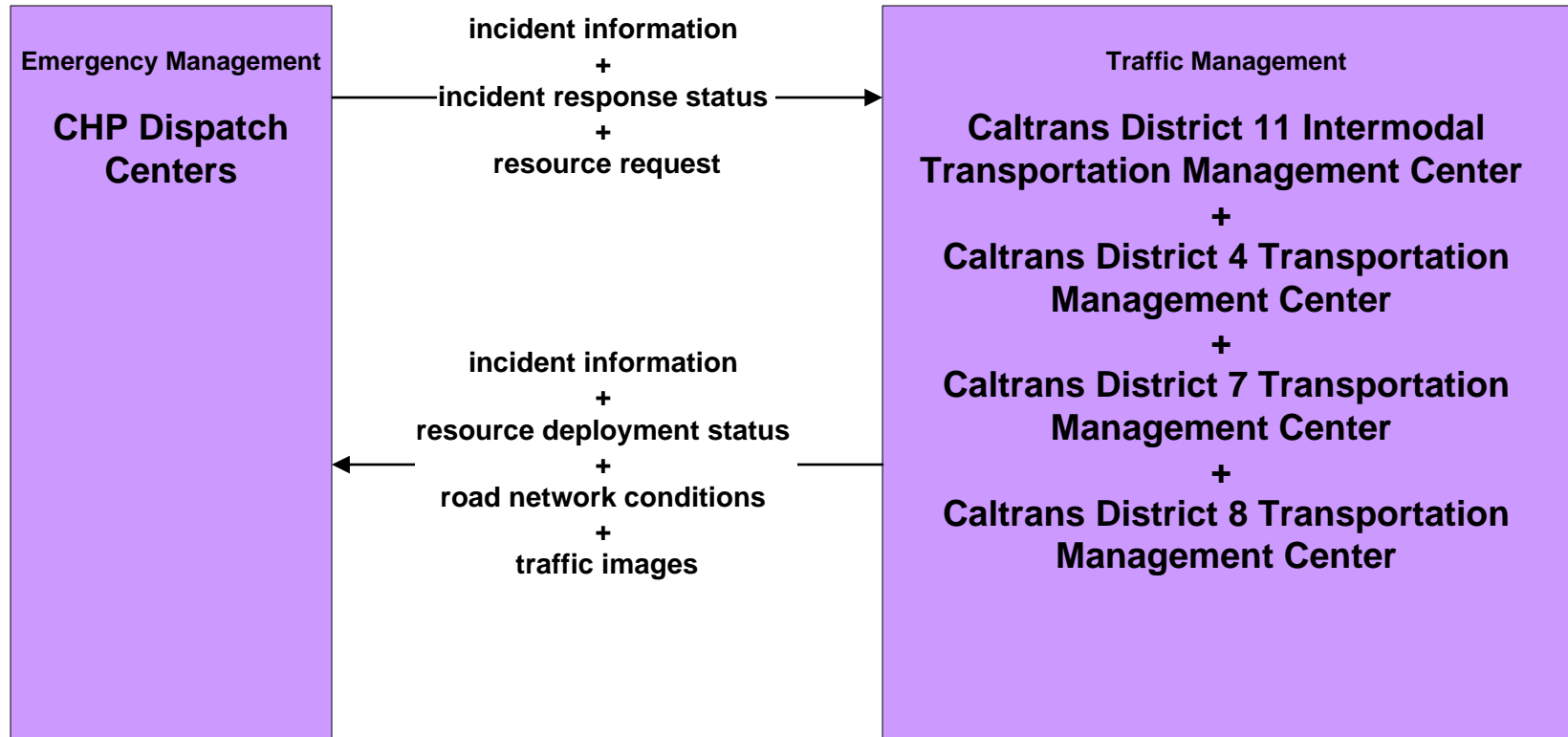
### *EM2 Covered*

*Emergency Vehicle Preemption*

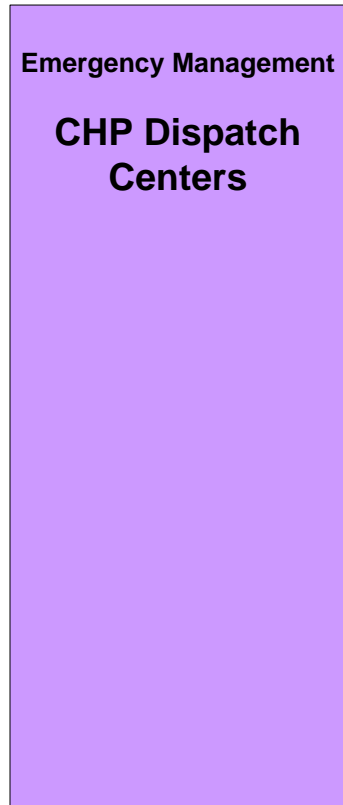
## **ATMS08 - Incident Management**

*Emergency Management <-- --> Traffic Management*

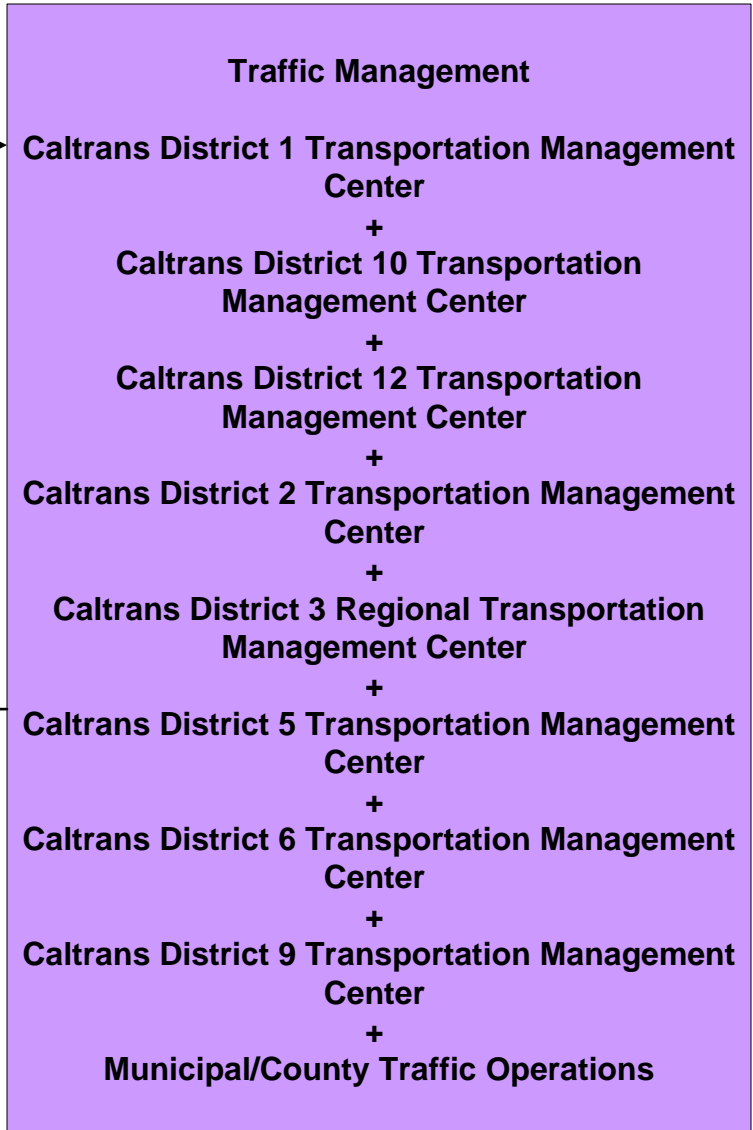
**ATMS08 - Incident Management**  
**CHP Dispatch to Caltrans TMCs (Existing Connections-TM to EM)**



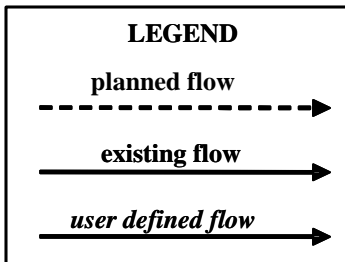
**ATMS08 - Incident Management**  
**CHP Dispatch to Caltrans TMCs (Planned Connections- TM to EM)**



incident information  
 +  
 incident response status  
 +  
 resource request



incident information  
 +  
 resource deployment status  
 +  
 road network conditions  
 +  
 traffic images





**ATMS08 - Incident Management  
Caltrans TMCs (TM to EM)**

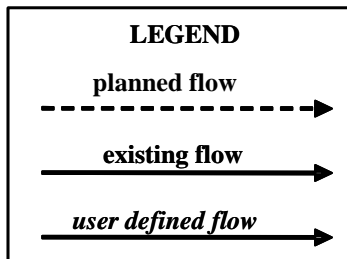
**Emergency Management**  
**County Public  
Safety Dispatch  
Centers**  
**+**  
**Municipal Public  
Safety Dispatch**

**incident information**  
**+**  
**incident response status**  
**+**  
**resource request**

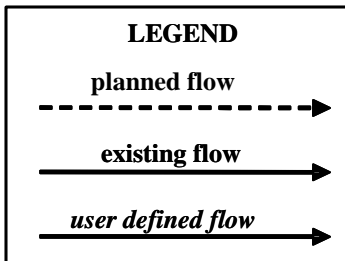
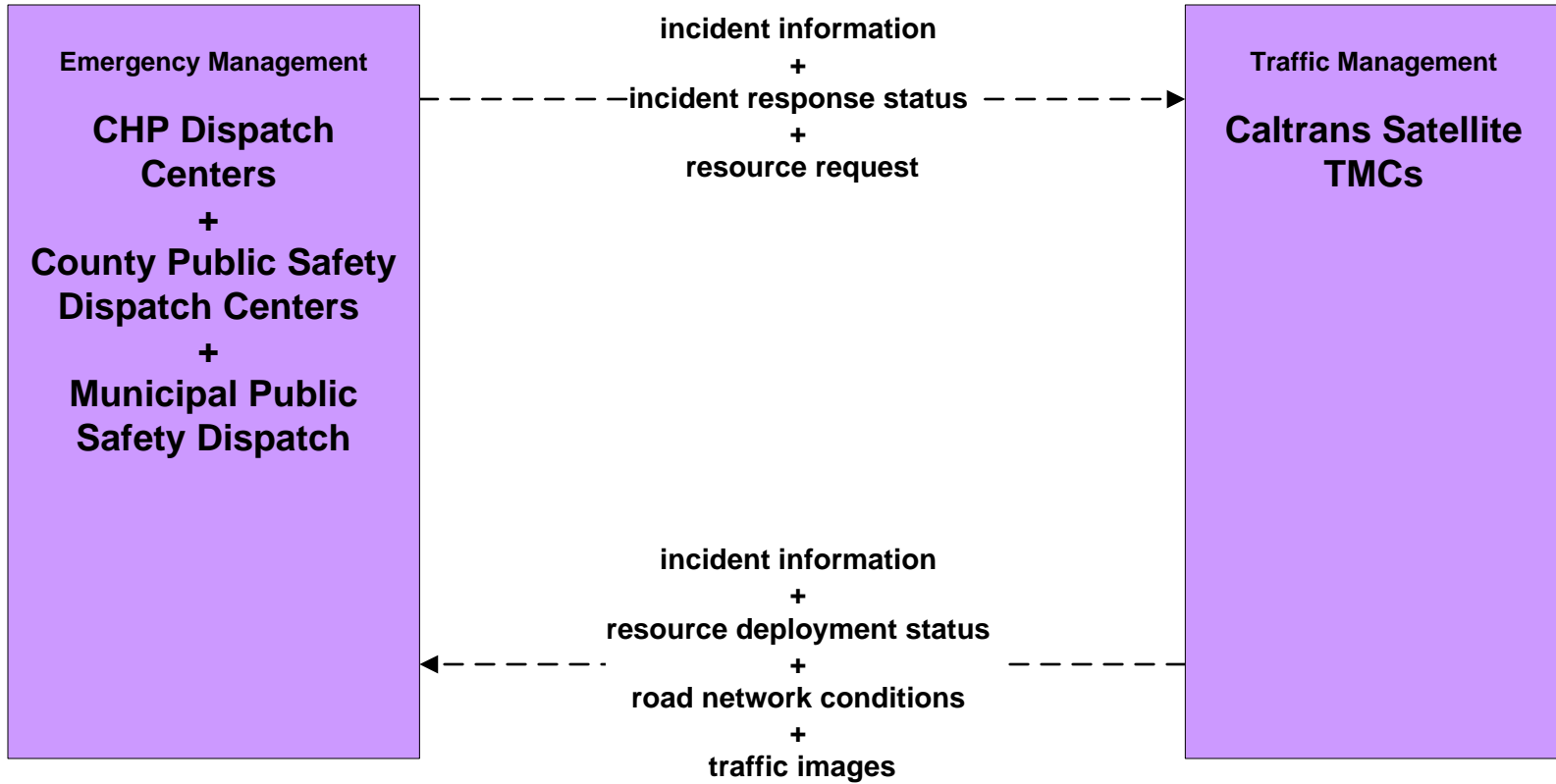
**incident information**  
**+**  
**resource deployment status**  
**+**  
**road network conditions**  
**+**  
**traffic images**

**Traffic Management**

**Caltrans District 1 Transportation Management Center**  
**+**  
**Caltrans District 10 Transportation Management Center**  
**+**  
**Caltrans District 11 Intermodal Transportation Management Center**  
**+**  
**Caltrans District 12 Transportation Management Center**  
**+**  
**Caltrans District 2 Transportation Management Center**  
**+**  
**Caltrans District 3 Regional Transportation Management Center**  
**+**  
**Caltrans District 4 Transportation Management Center**  
**+**  
**Caltrans District 5 Transportation Management Center**  
**+**  
**Caltrans District 6 Transportation Management Center**  
**+**  
**Caltrans District 7 Transportation Management Center**  
**+**  
**Caltrans District 8 Transportation Management Center**  
**+**  
**Caltrans District 9 Transportation Management Center**



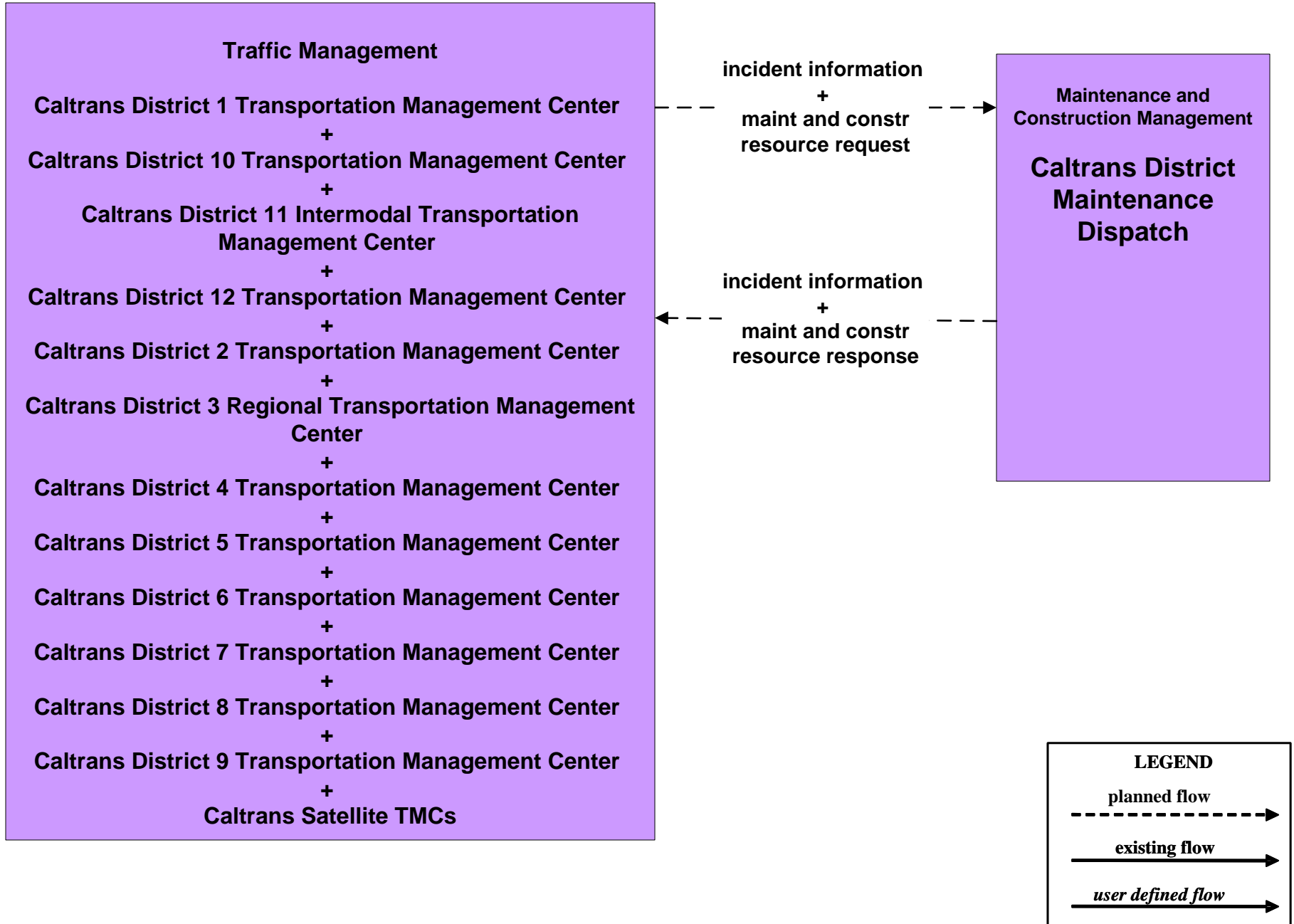
**ATMS08 - Incident Management  
Caltrans Satellite TMCs (TM to EM)**



**ATMS08 - Incident Management**

*Traffic Management <-- --> Maintenance and Construction Management*

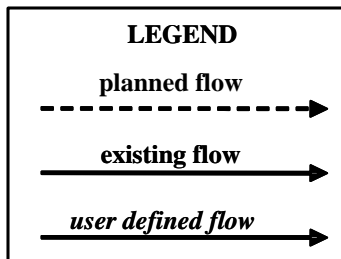
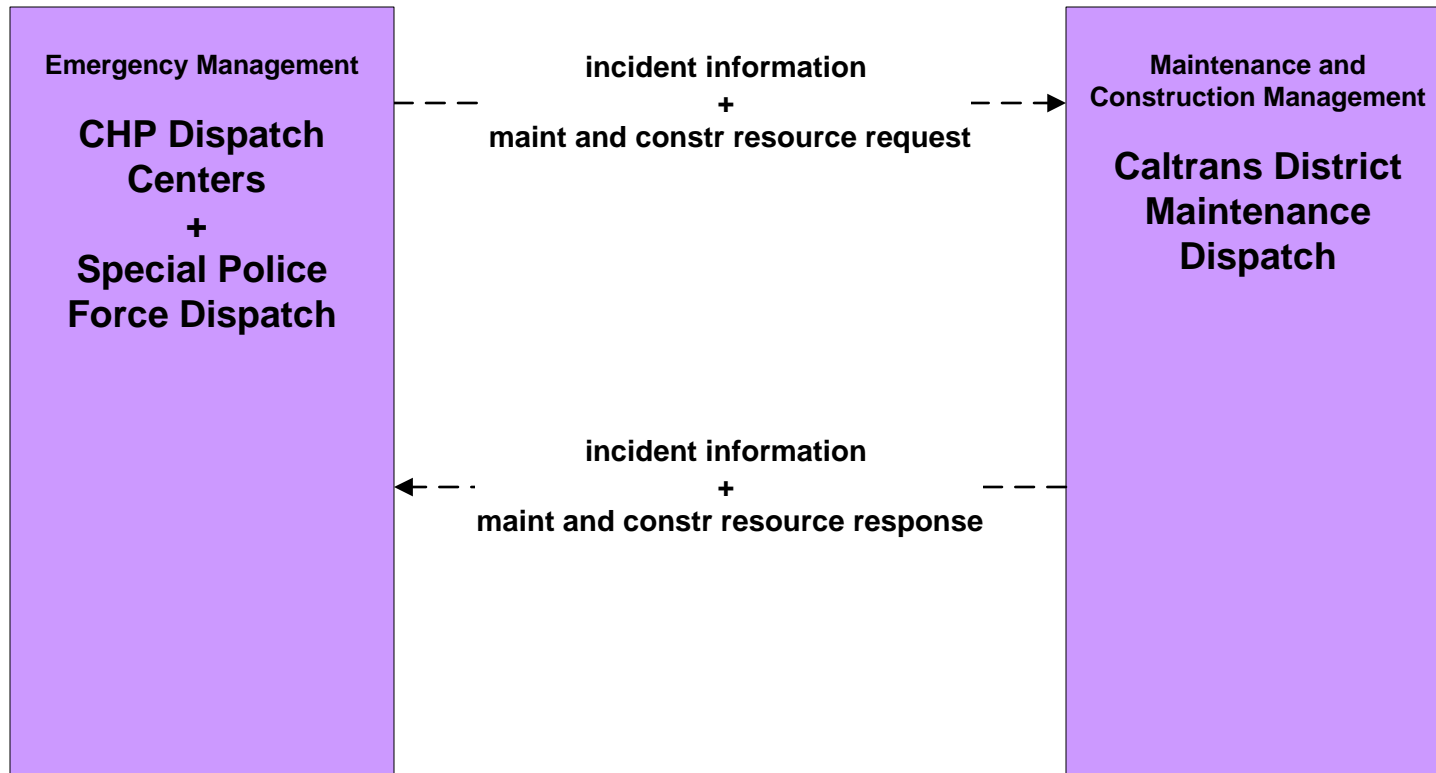
**ATMS08 - Incident Management  
Caltrans TMCs (TM to MCM)**



**ATMS08 - Incident Management**

*Emergency Management <-- --> Maintenance and Construction  
Management*

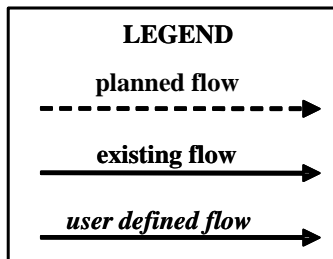
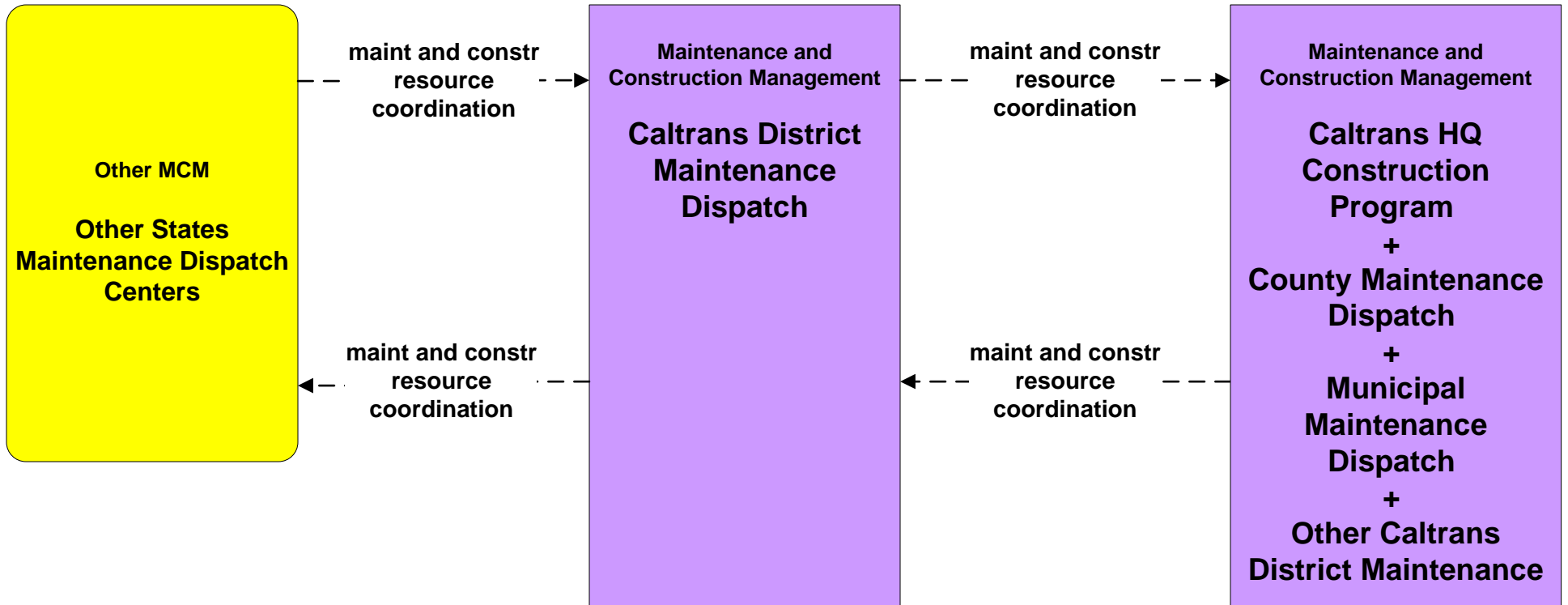
**ATMS08 - Incident Management  
Caltrans Maintenance (MCM to EM)**



## **ATMS08 - Incident Management**

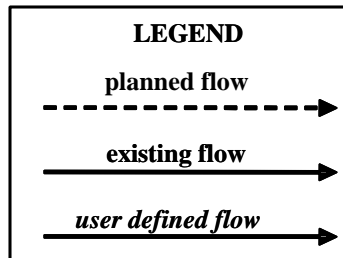
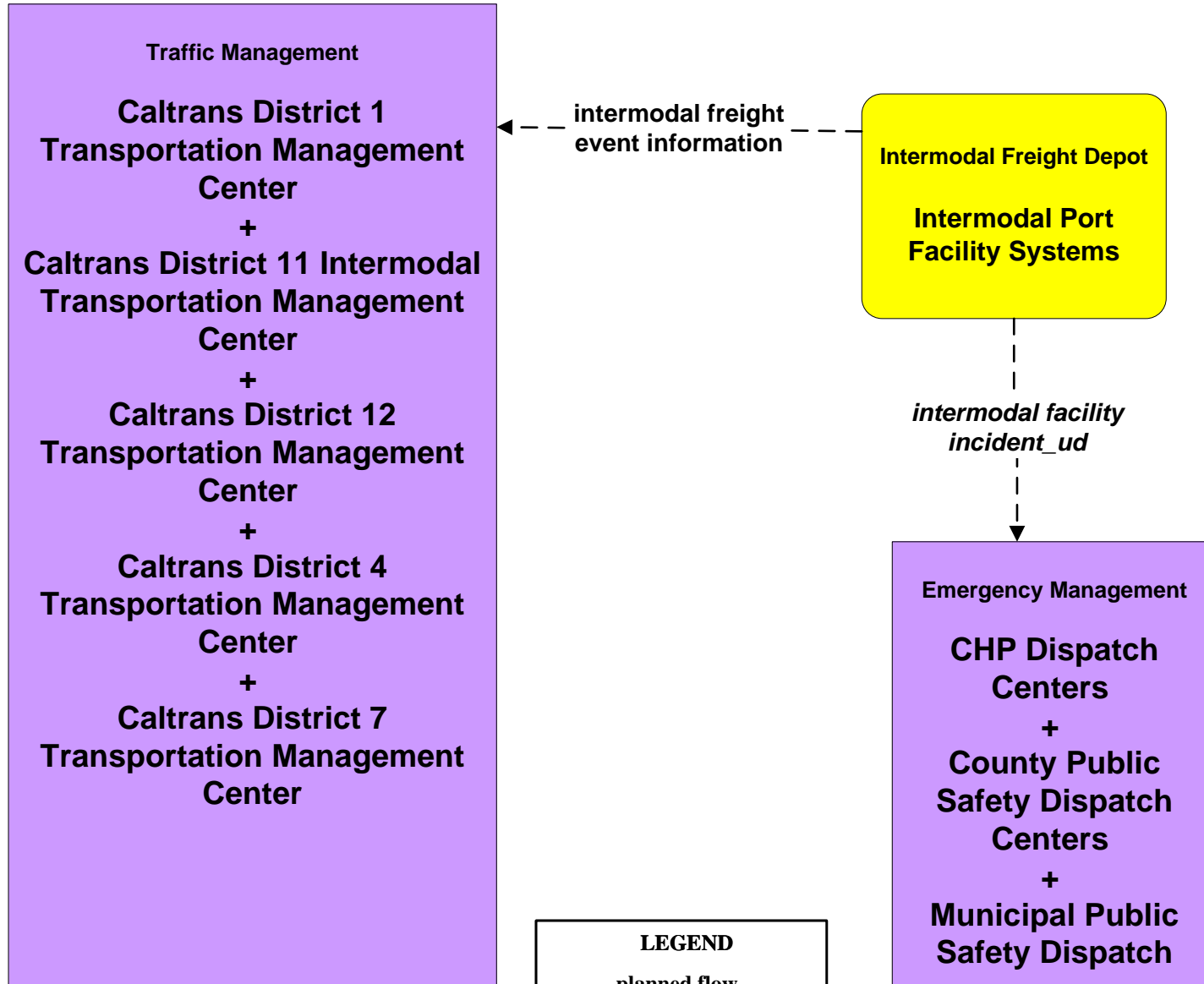
*Maintenance and Construction Management <-- --> Maintenance and  
Construction Management*

**ATMS08 - Incident Management  
Caltrans Maintenance (MCM to Other MCM)**

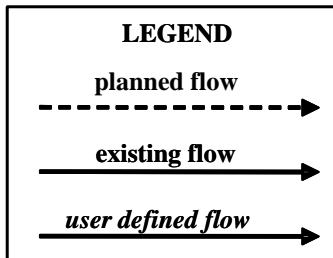
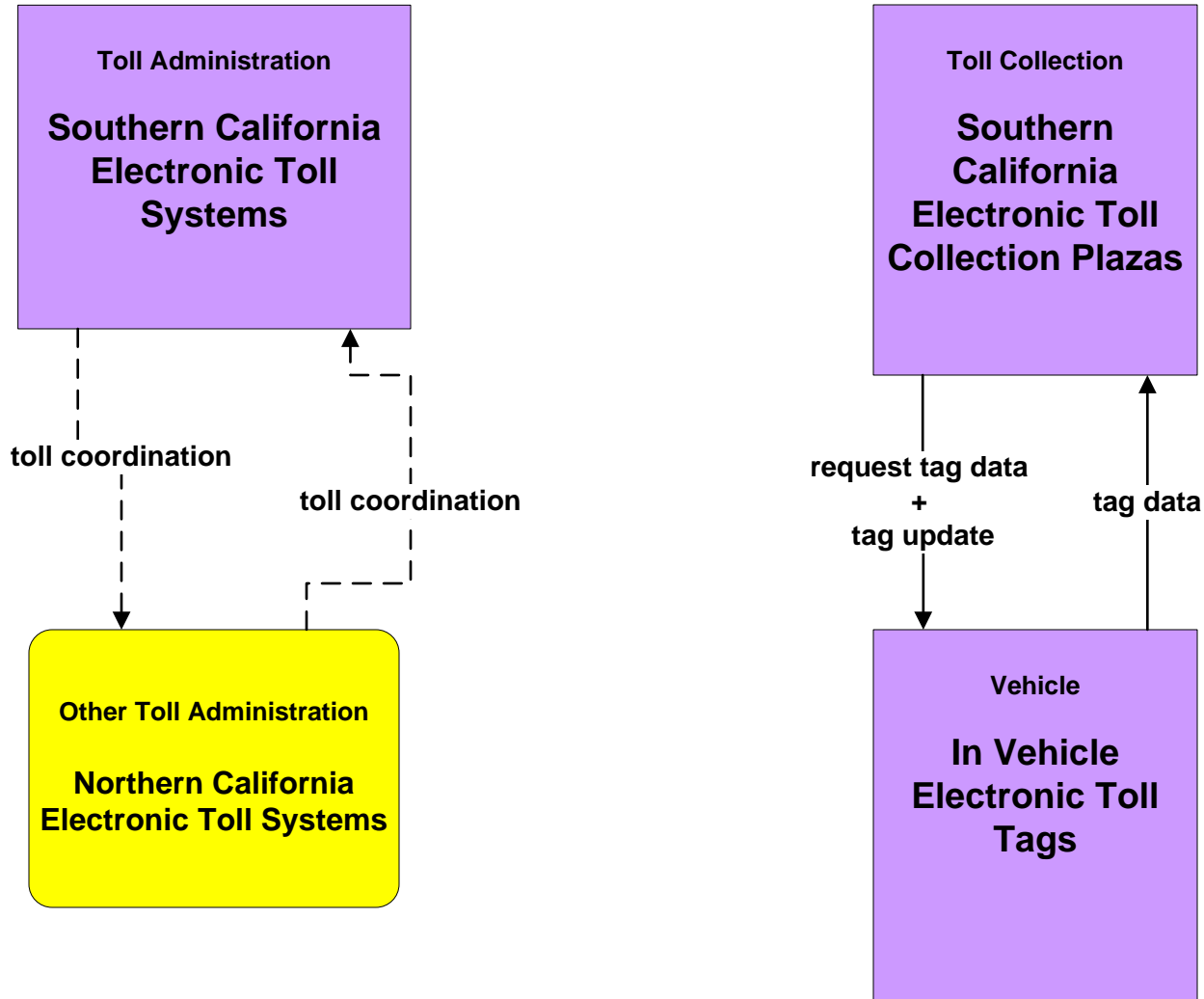




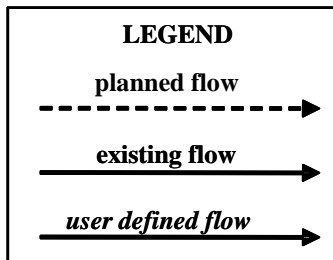
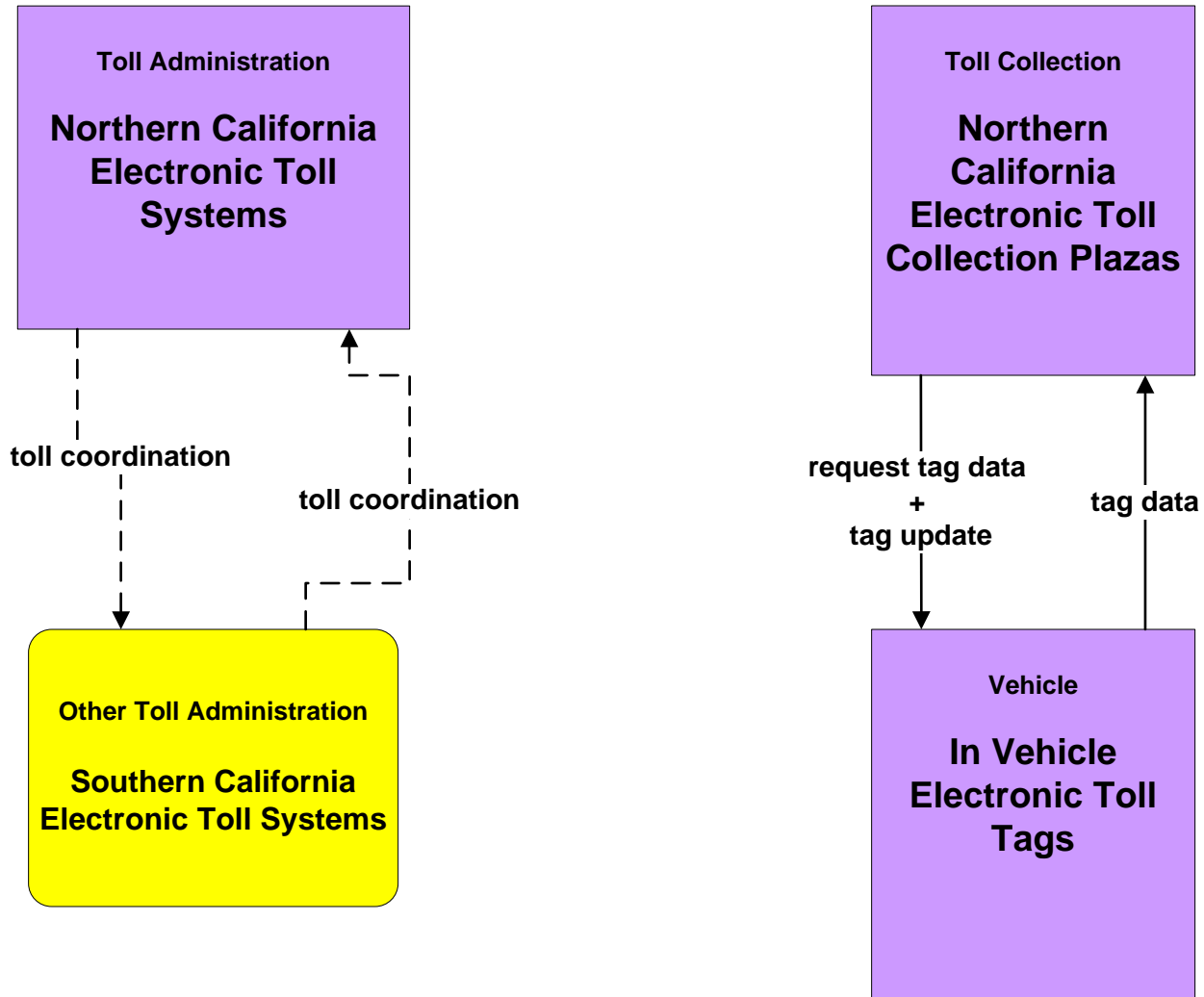
# ATMS8 - Incident Management Intermodal Port Facilities



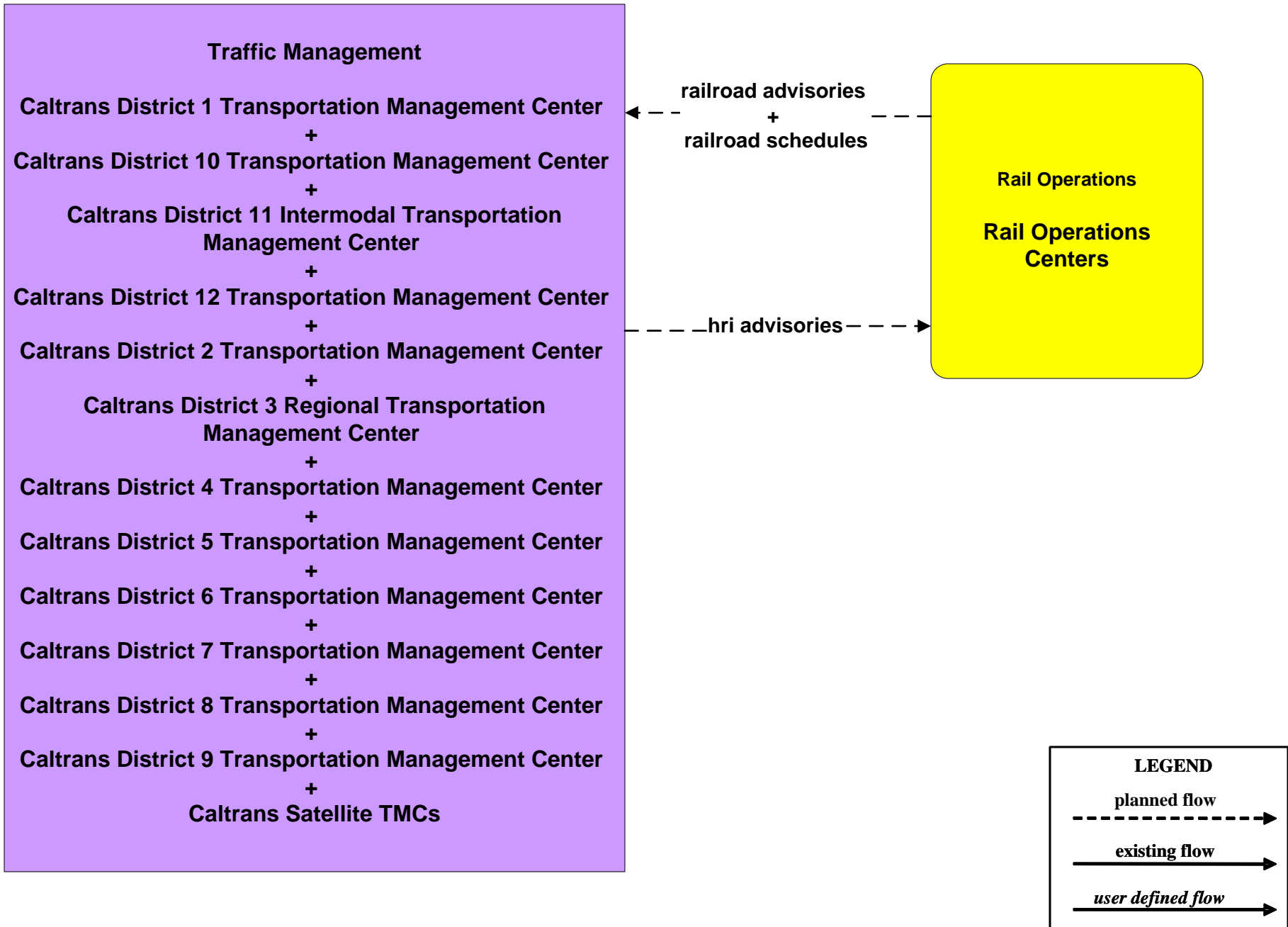
# ATMS10 - Electronic Toll Collection Southern California



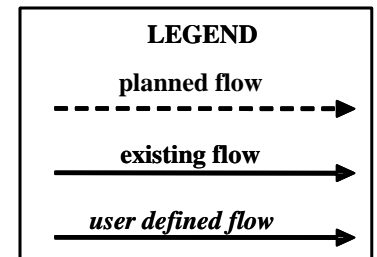
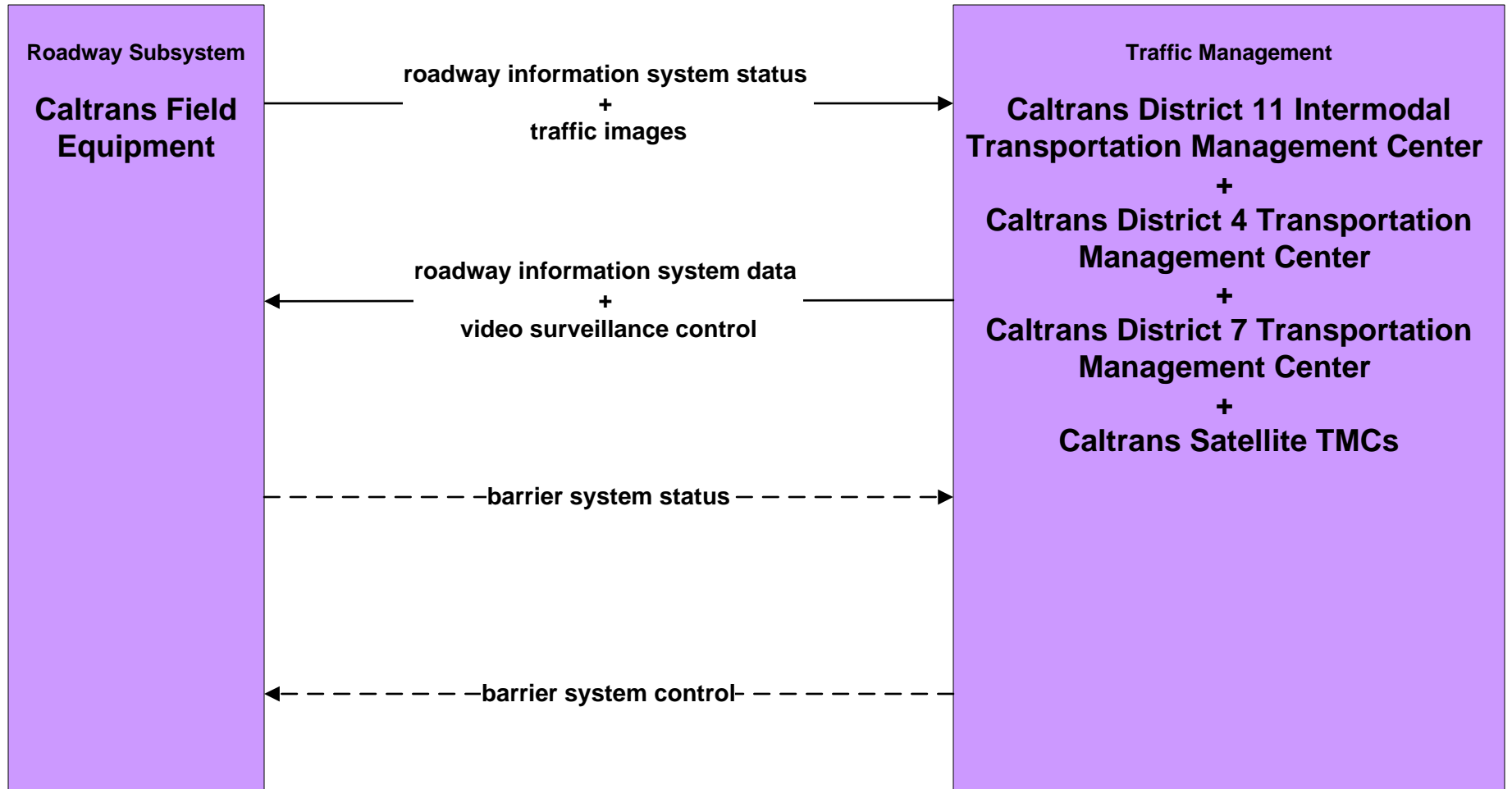
# ATMS10 - Electronic Toll Collection Northern California



# ATMS15 - Railroad Operations Coordination



# ATMS21 - Roadway Closure Management Caltrans



# ATMS21 - Roadway Closure Management Caltrans

