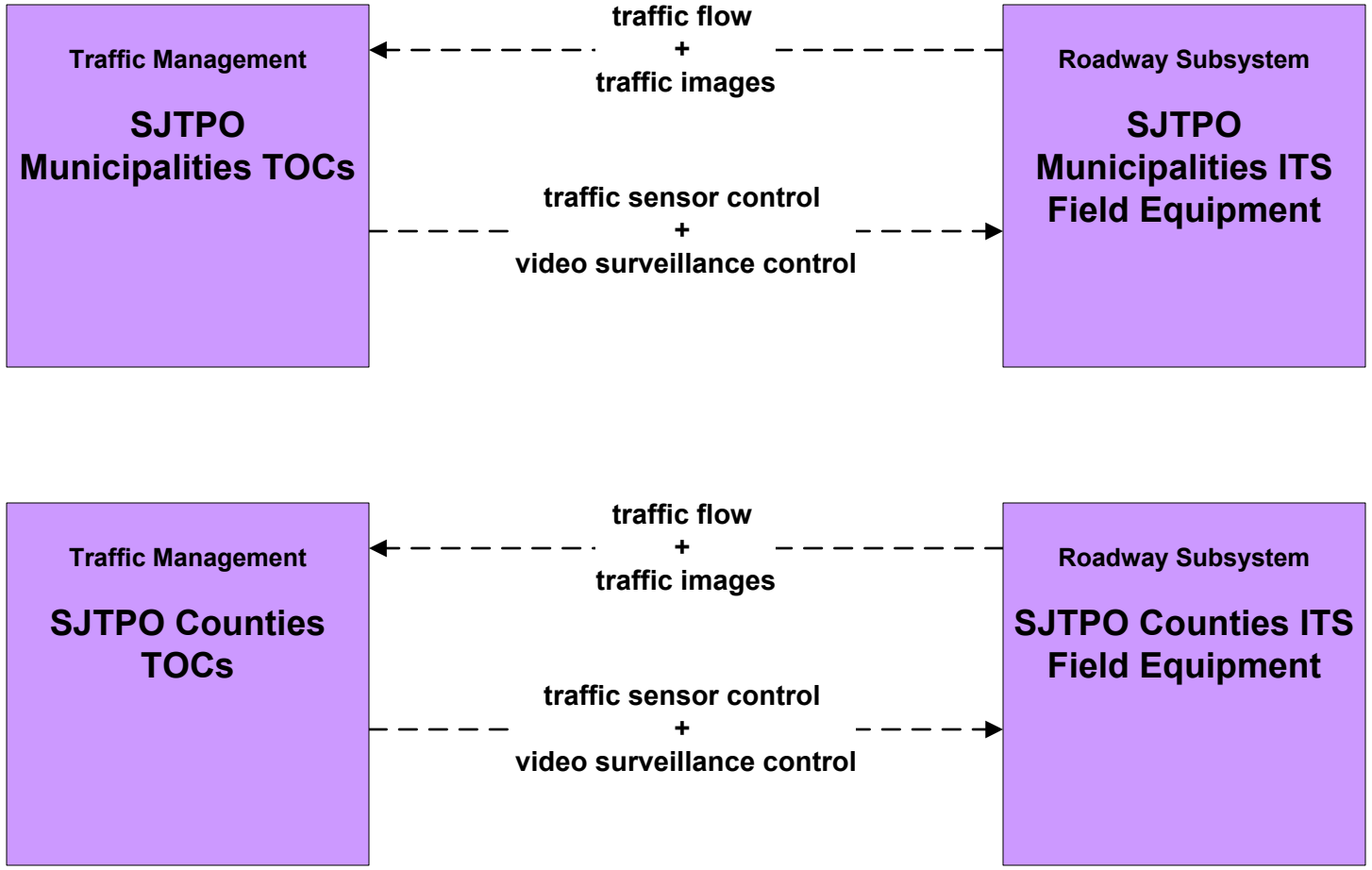
New Jersey Statewide ITS Architecture

Customized Market Package Diagrams

Advanced Traffic Management Systems (ATMS)

ATMS01 - Network Surveillance
SJTPO Region TOCs

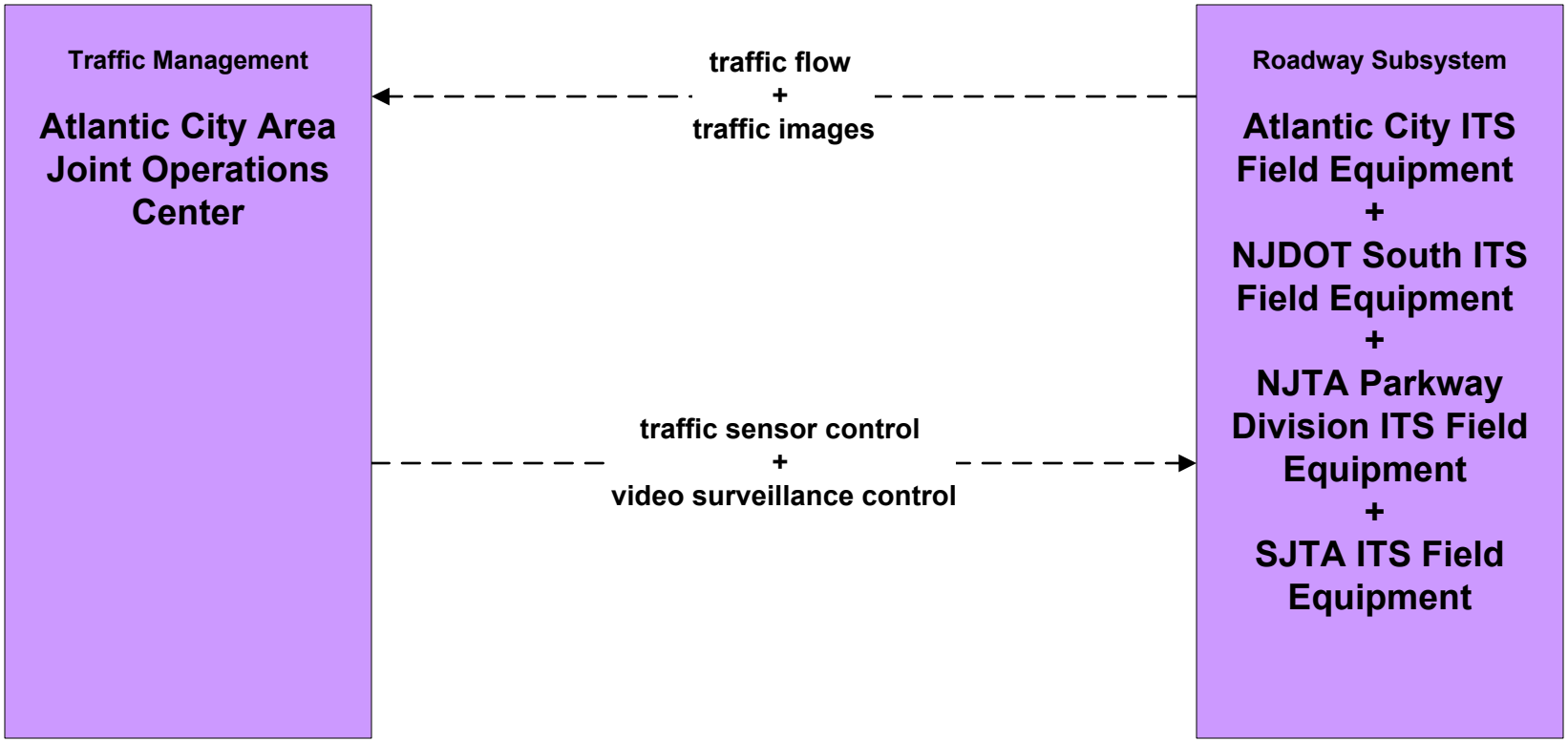


planned/future flow

existing flow

user defined flow

ATMS01 - Network Surveillance
Atlantic City Area Joint Operations Center

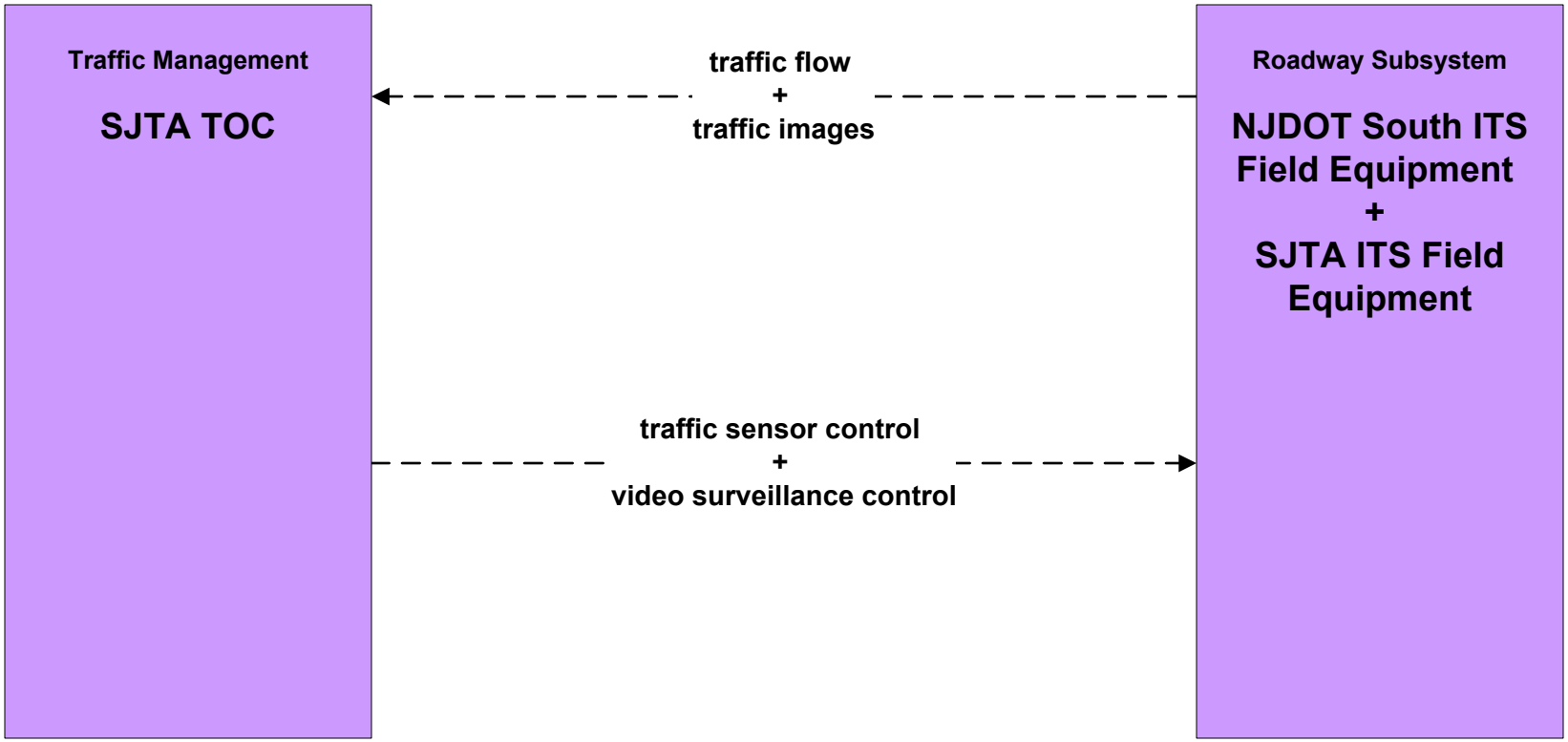


planned/future flow

existing flow

user defined flow

ATMS01 - Network Surveillance
South Jersey Transportation Authority

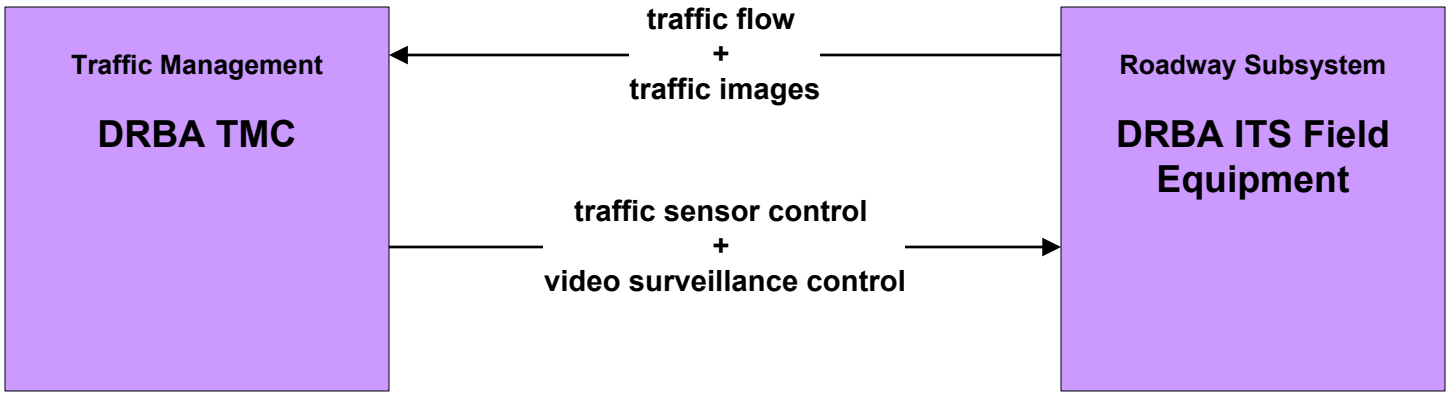


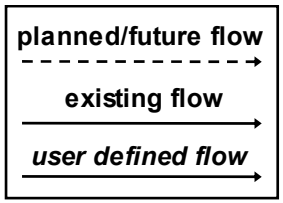
planned/future flow

existing flow

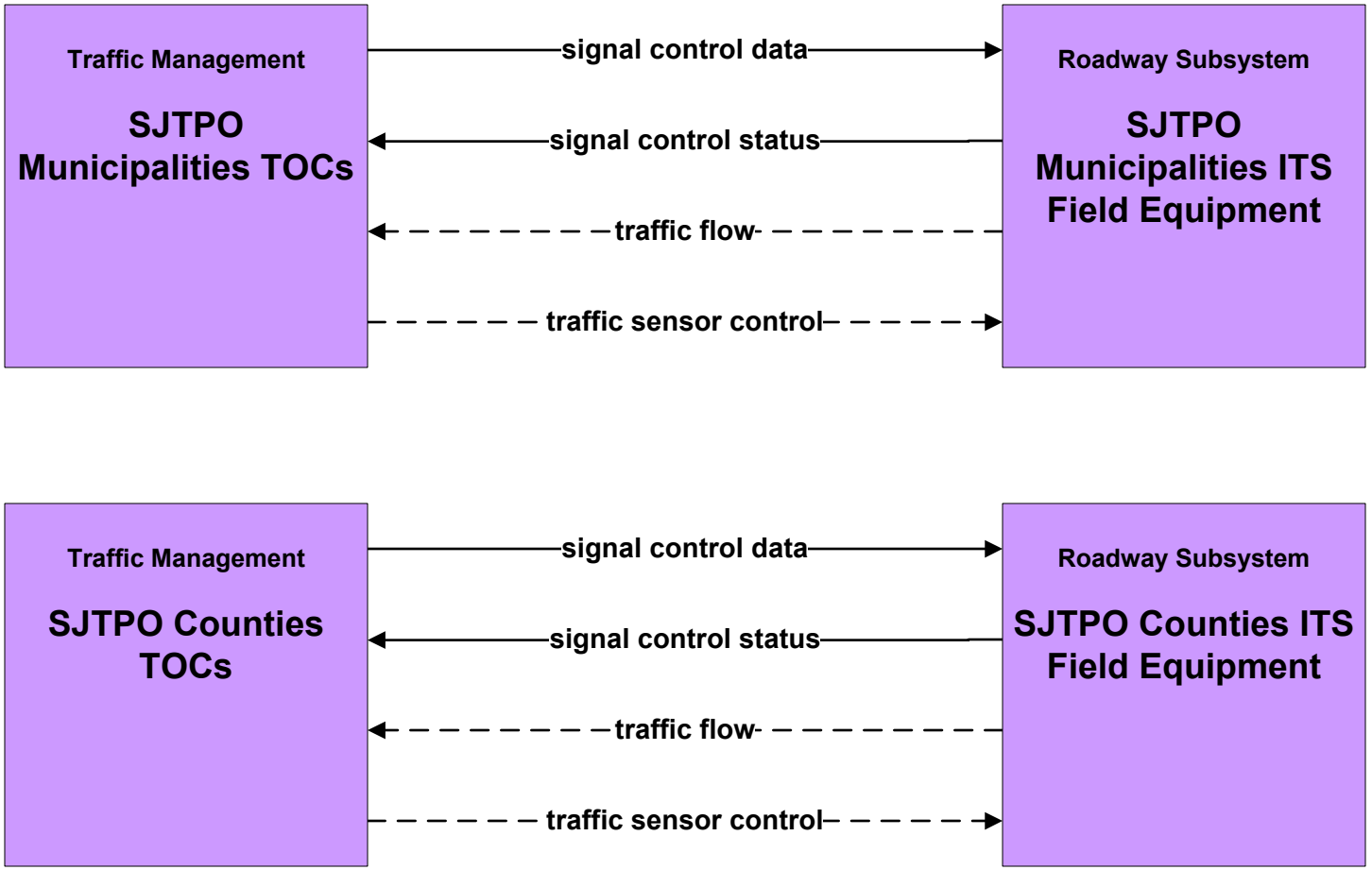
user defined flow

ATMS01 - Network Surveillance
DRBA





ATMS03 - Surface Street Control
SJTPO Region TOCs

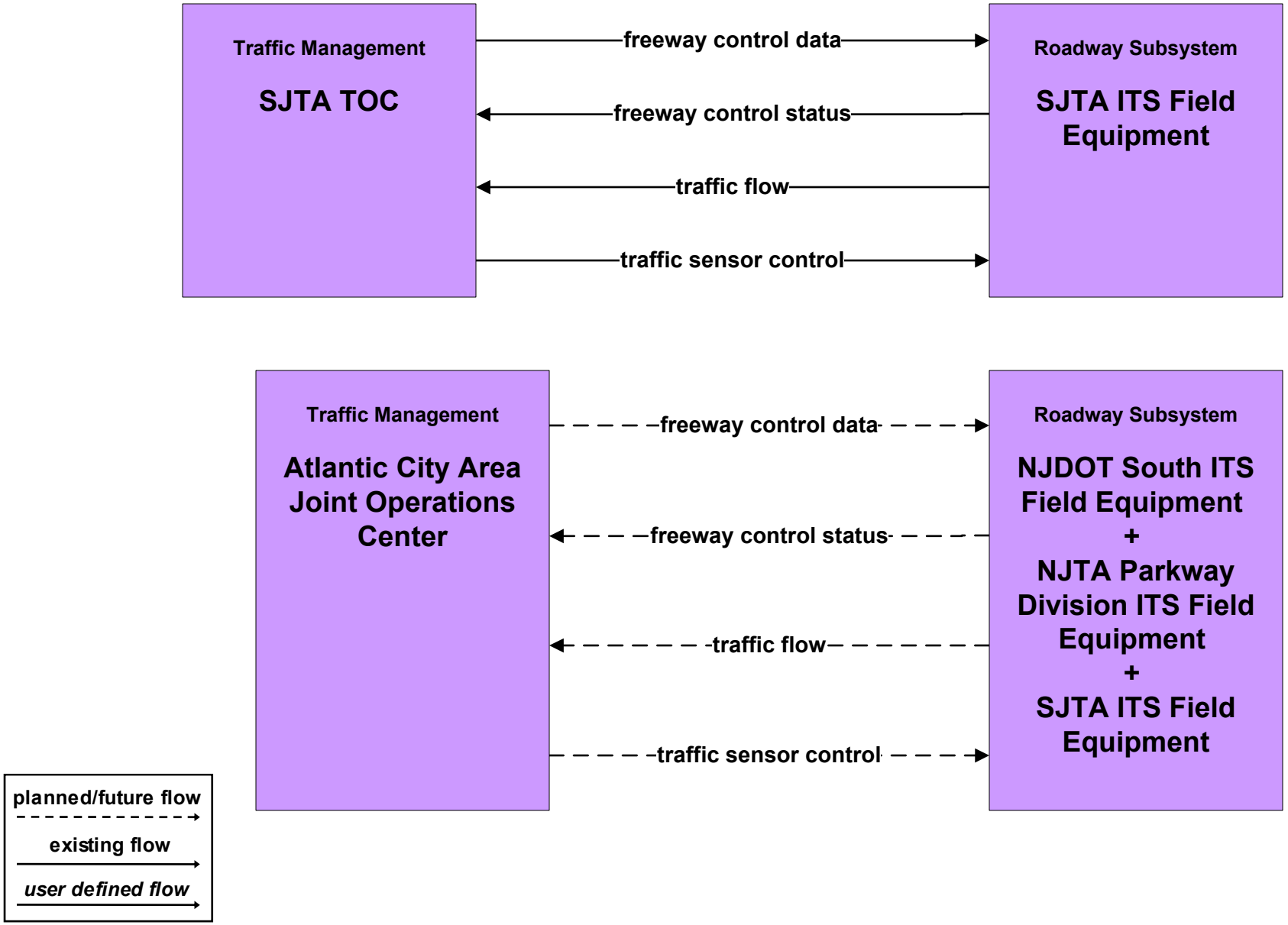


planned/future flow

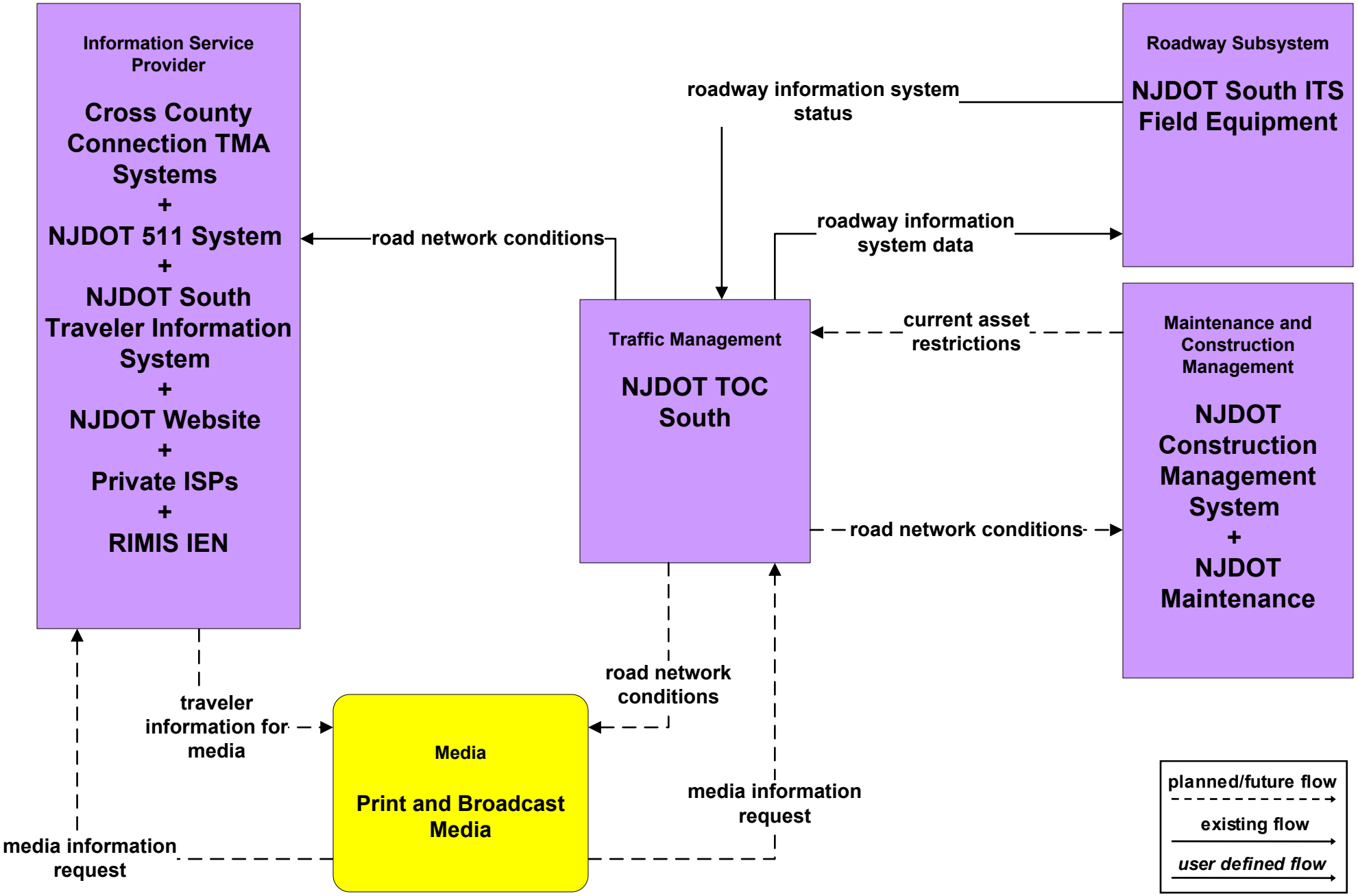
existing flow

user defined flow

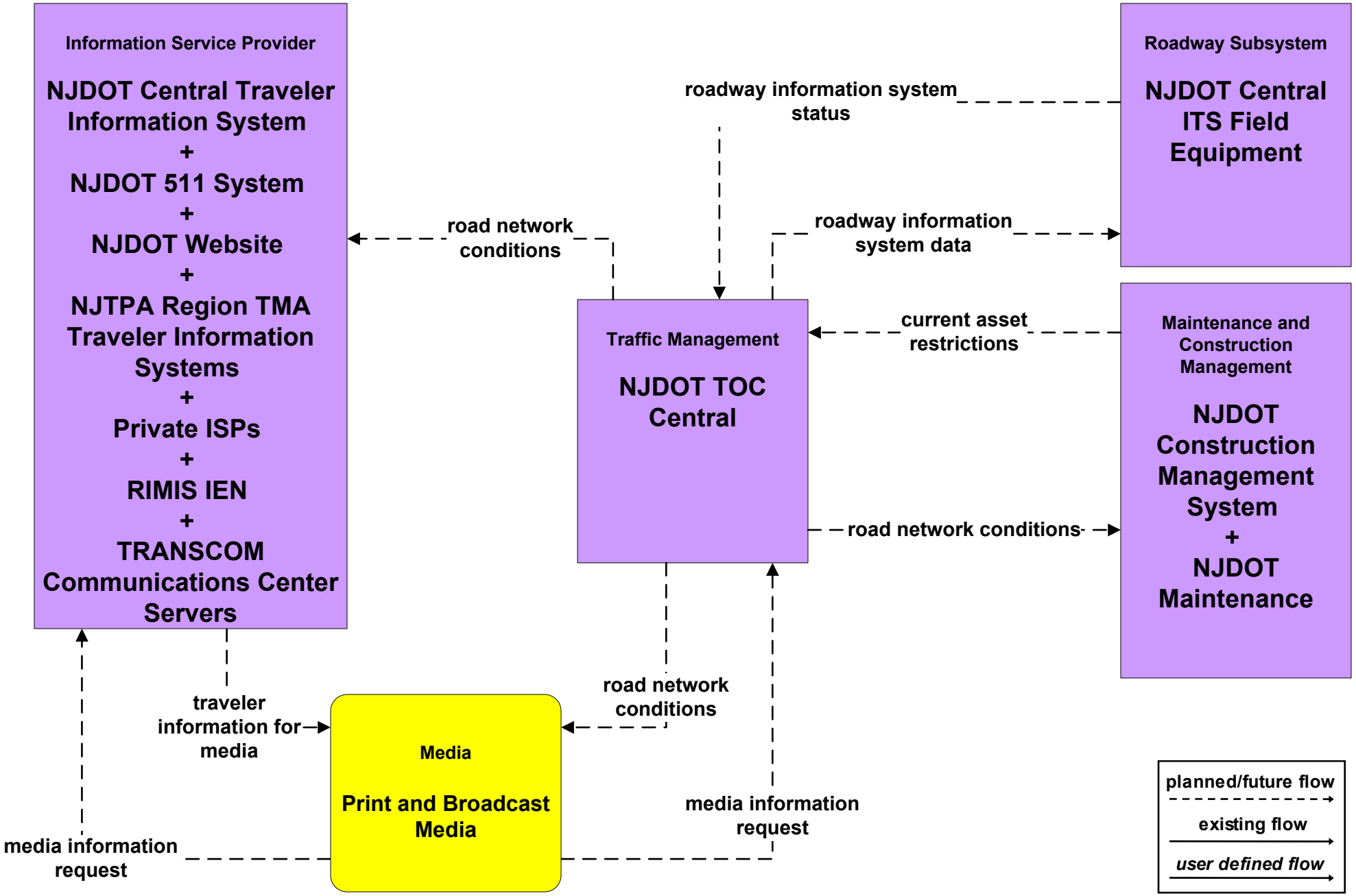
ATMS04 - Freeway Control
South Jersey Transportation Authority



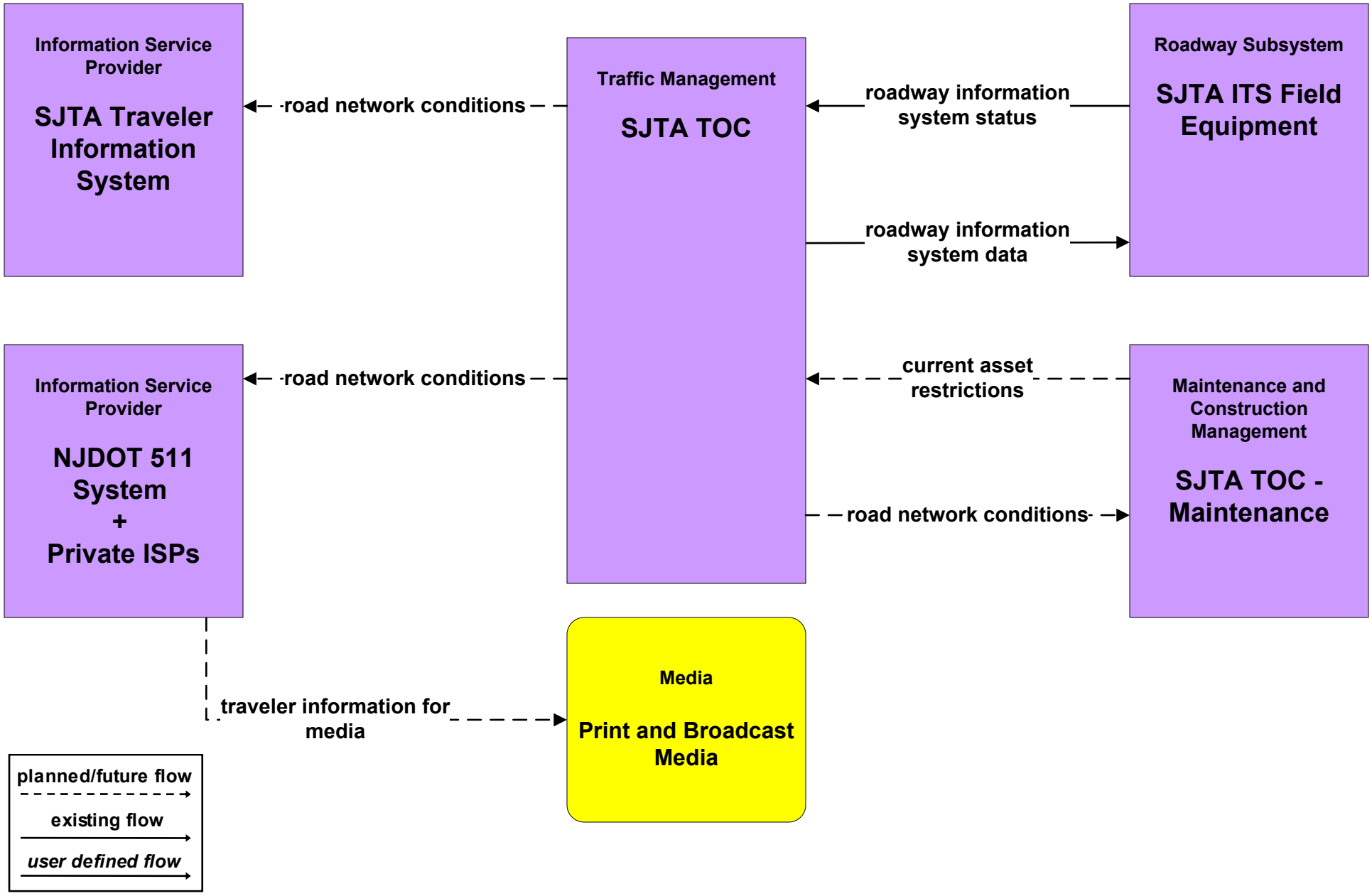
ATMS06 - Traffic Information Dissemination
New Jersey DOT (South)



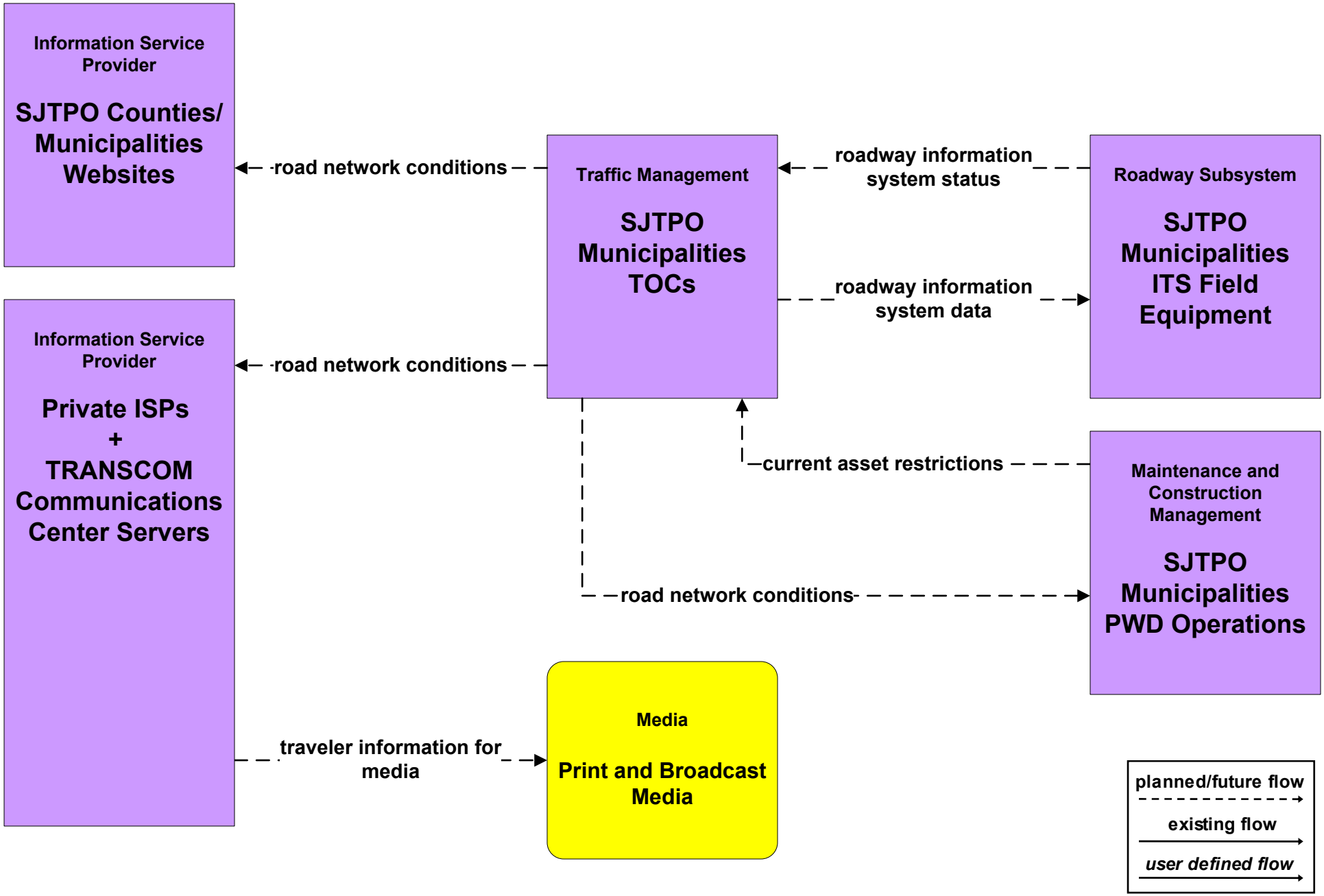
ATMS06 - Traffic Information Dissemination
New Jersey DOT (Central)



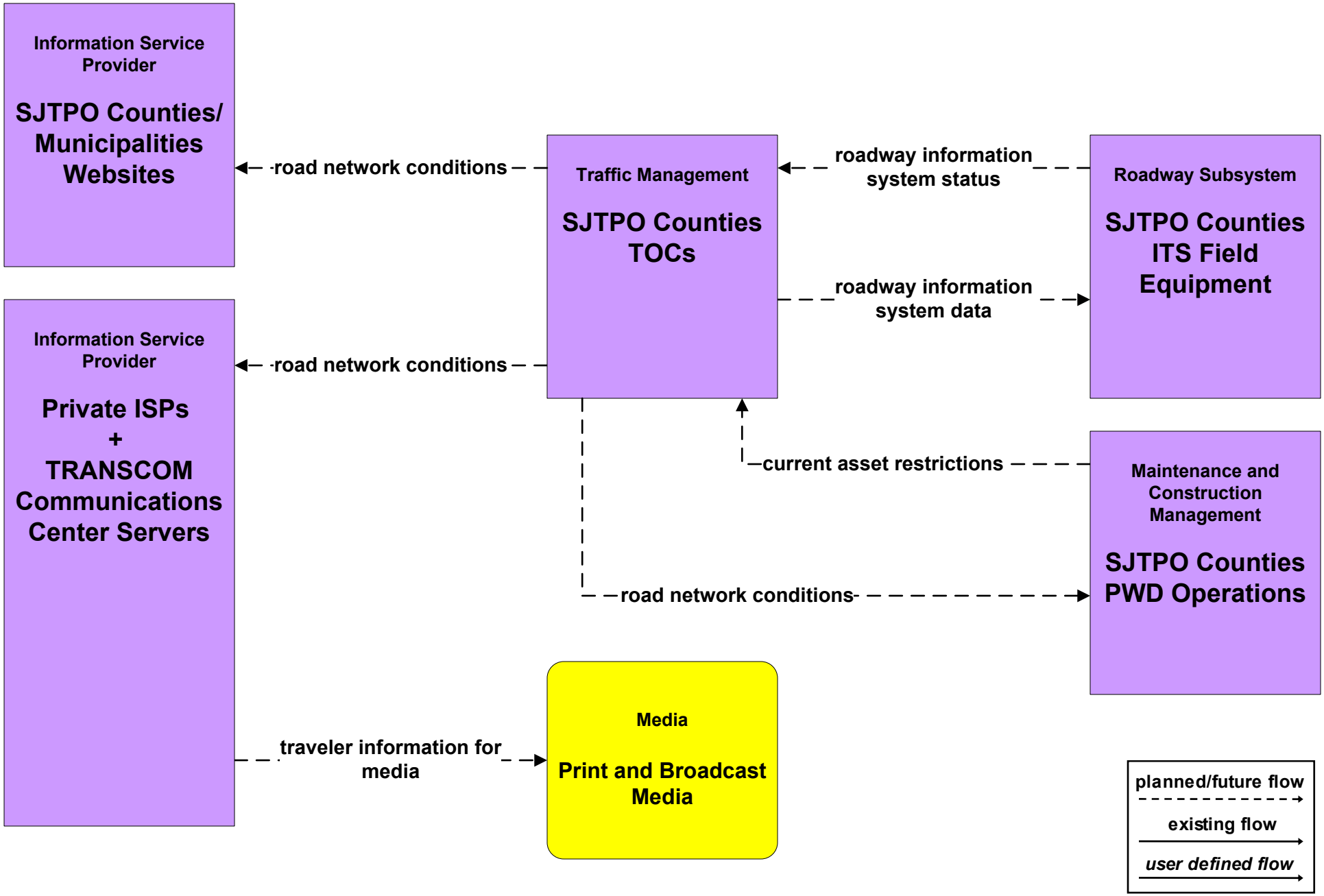
ATMS06 - Traffic Information Dissemination
SJTA



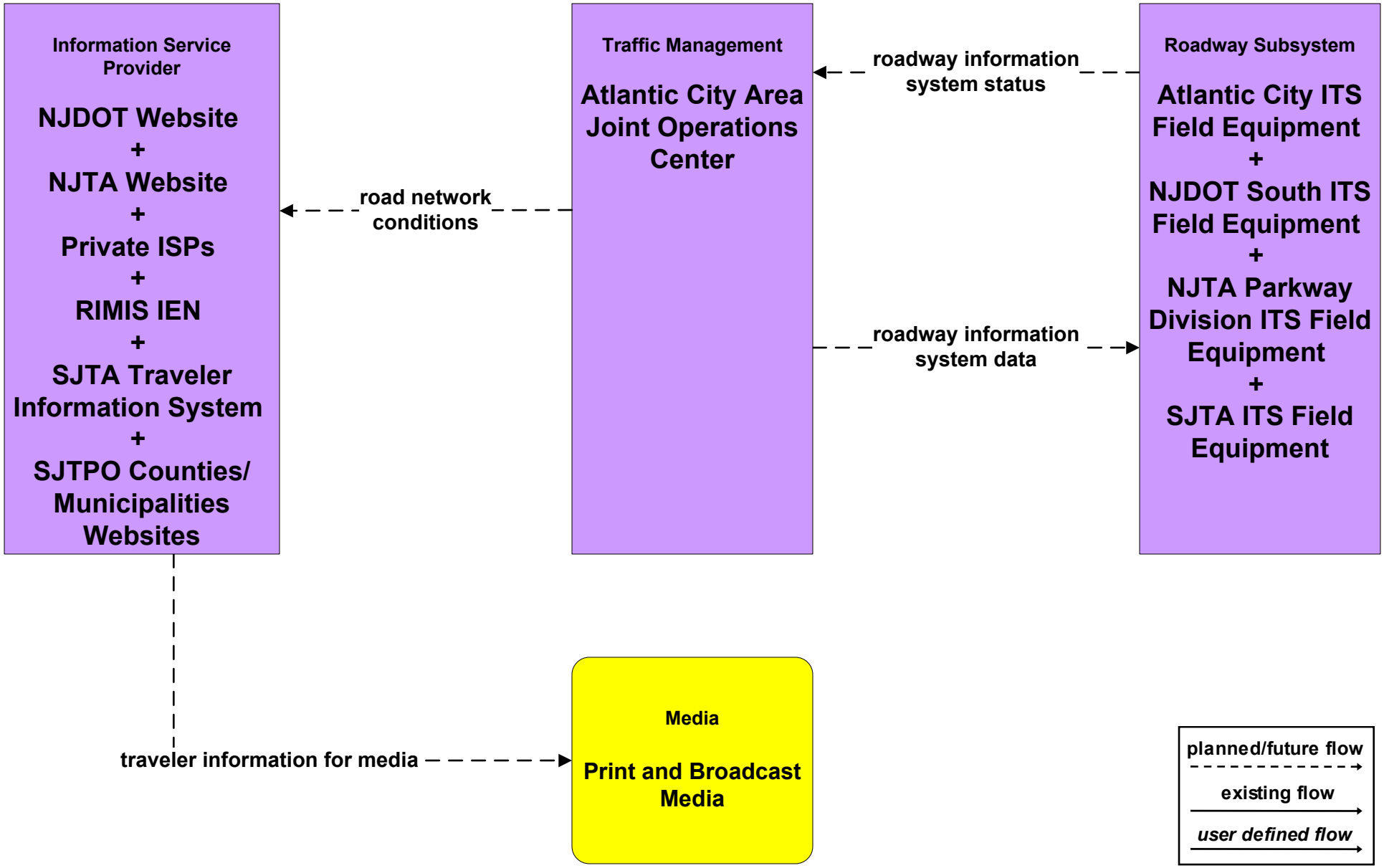
ATMS06 - Traffic Information Dissemination
SJTPO Region Municipal TOCs



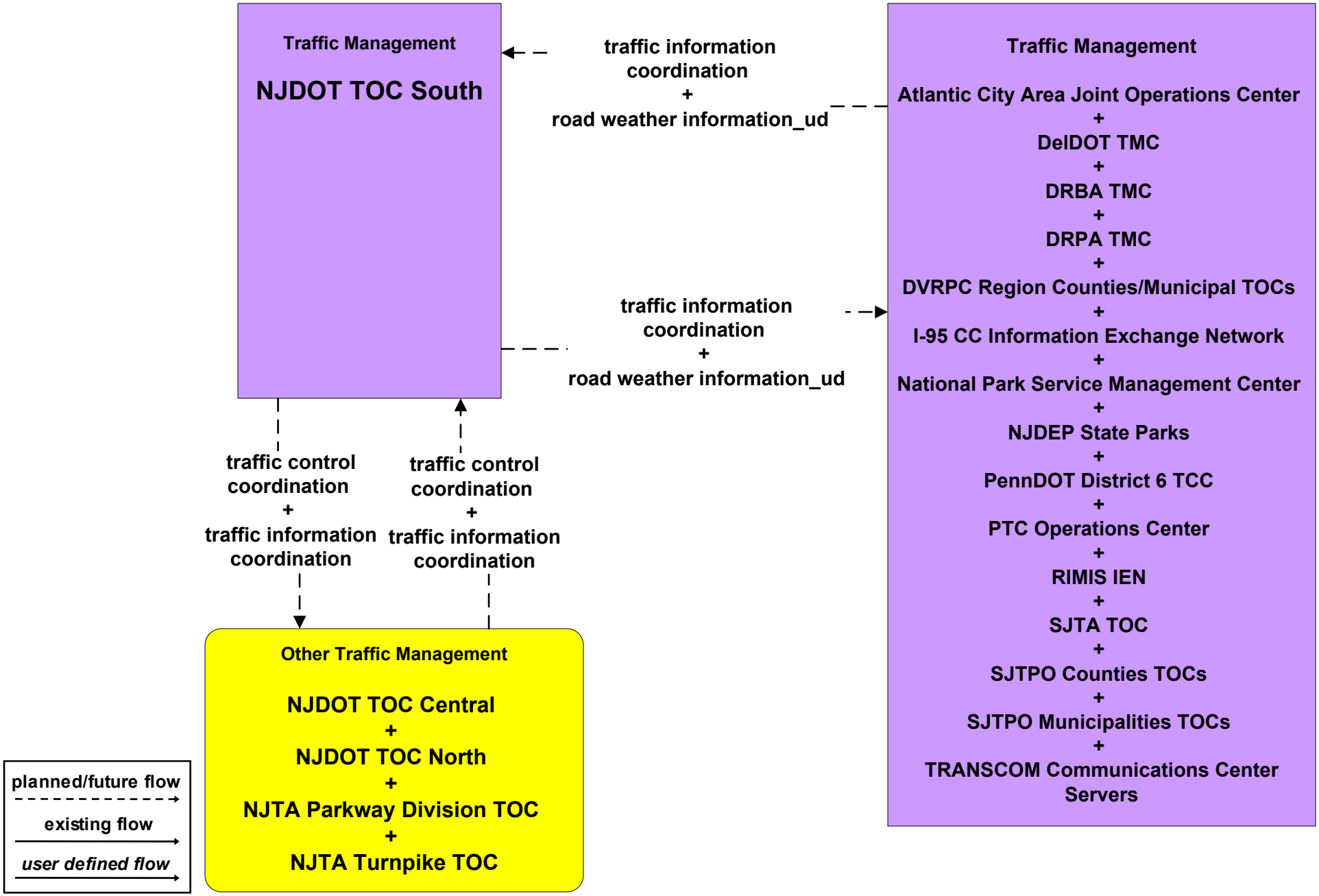
ATMS06 - Traffic Information Dissemination
SJTPO Region - County TOCs



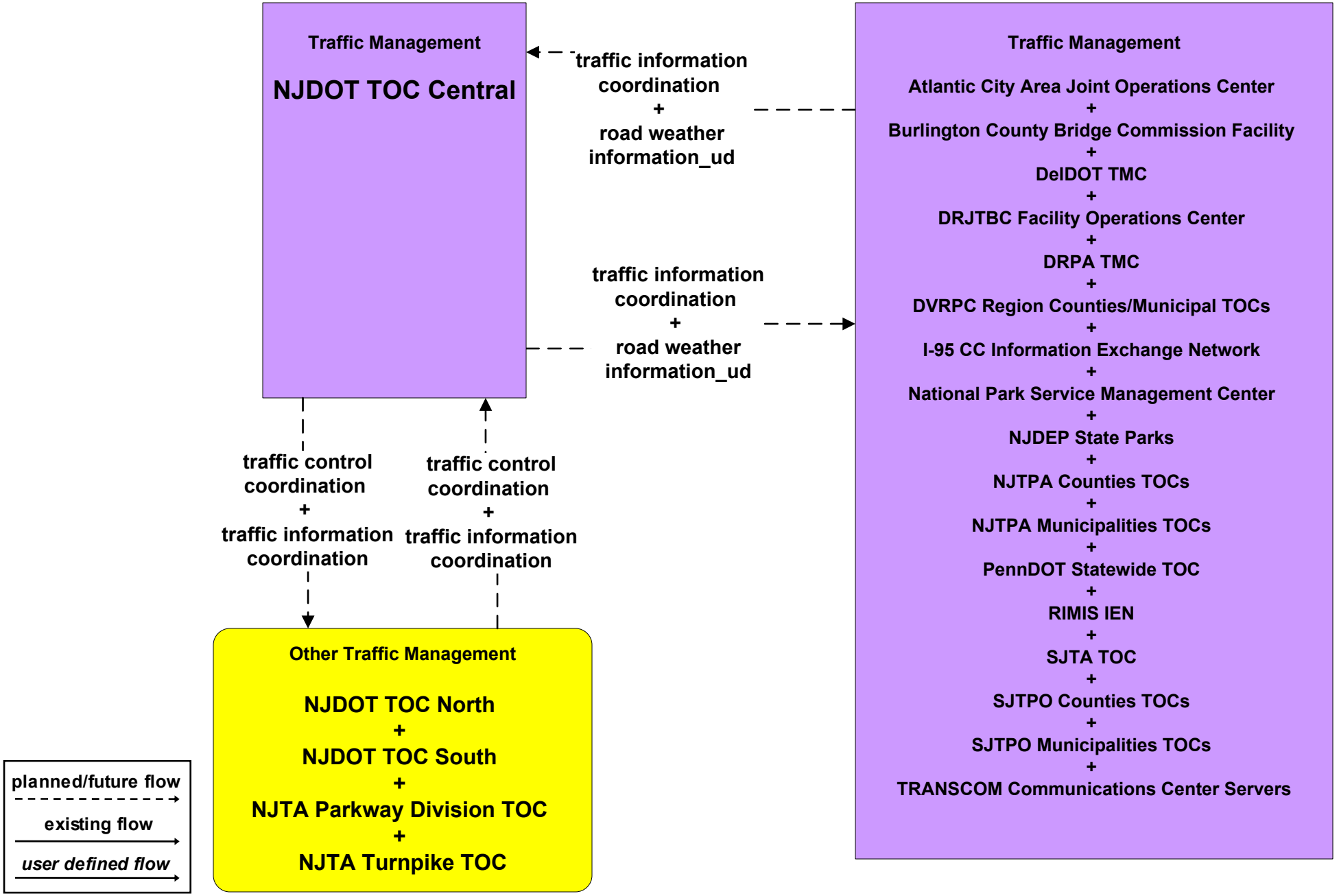
ATMS06 - Traffic Information Dissemination
Atlantic City Area Joint Operations Center



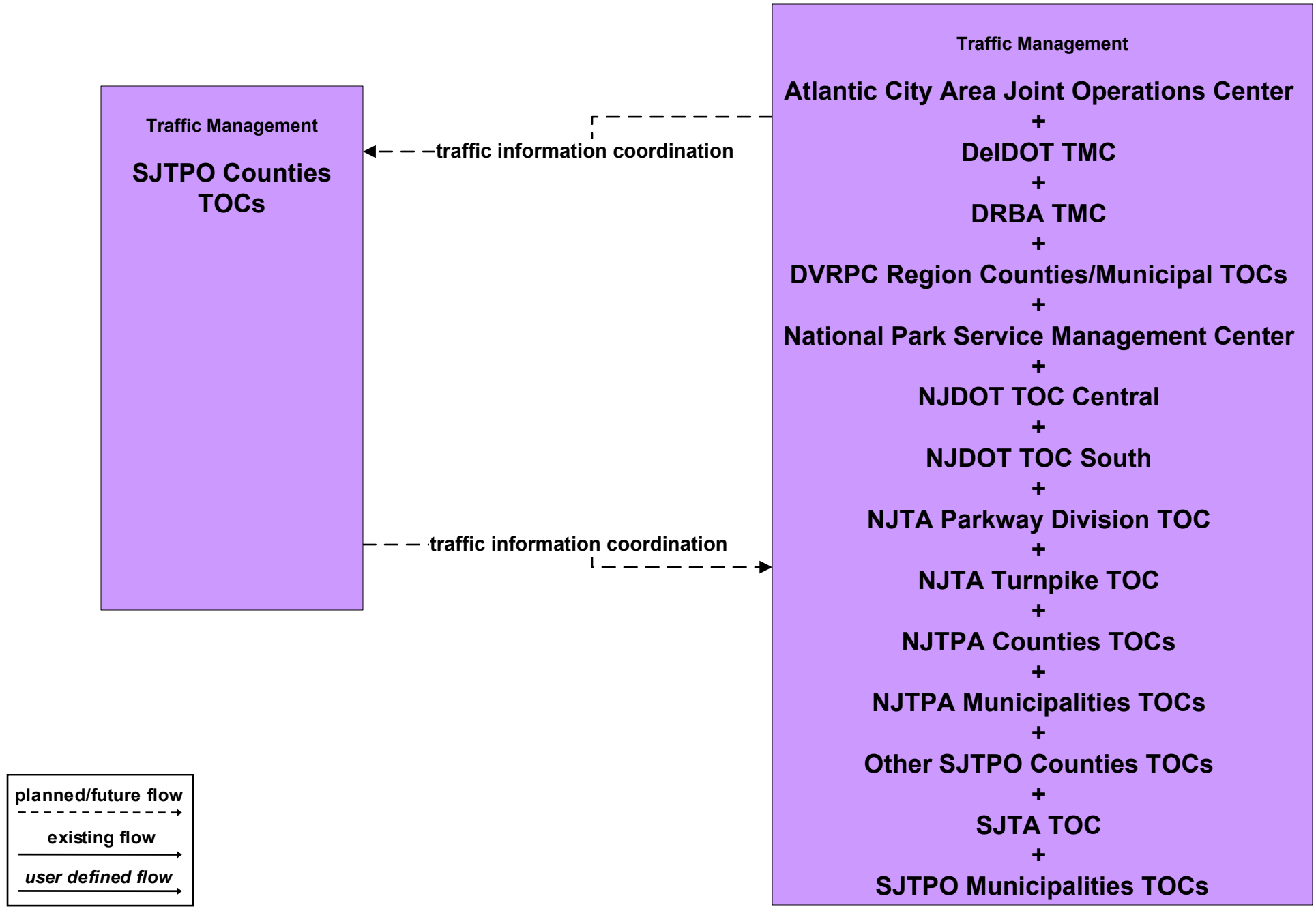
ATMS07 - Regional Traffic Control
NJDOT South



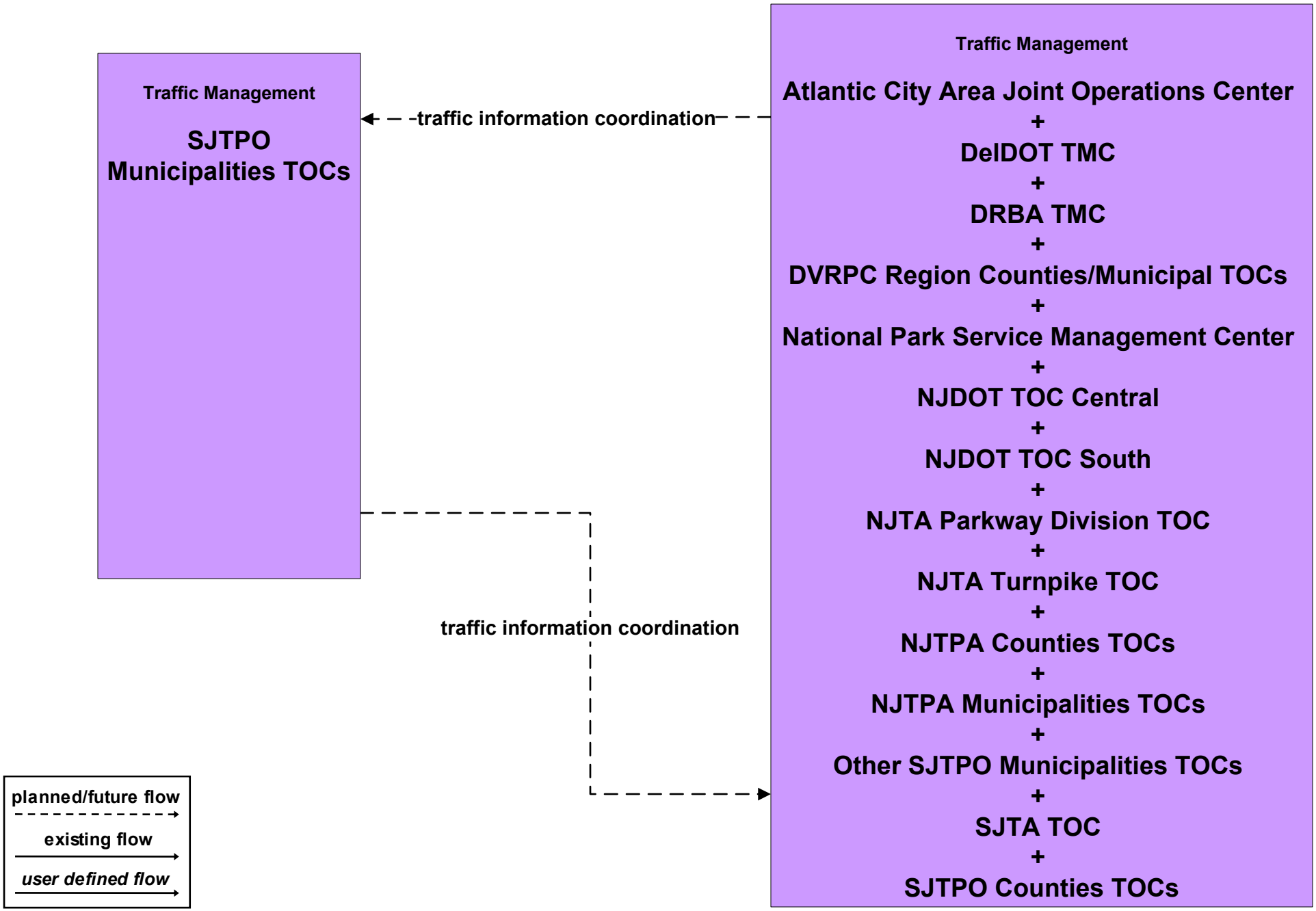
ATMS07 - Regional Traffic Control
NJDOT TOC Central



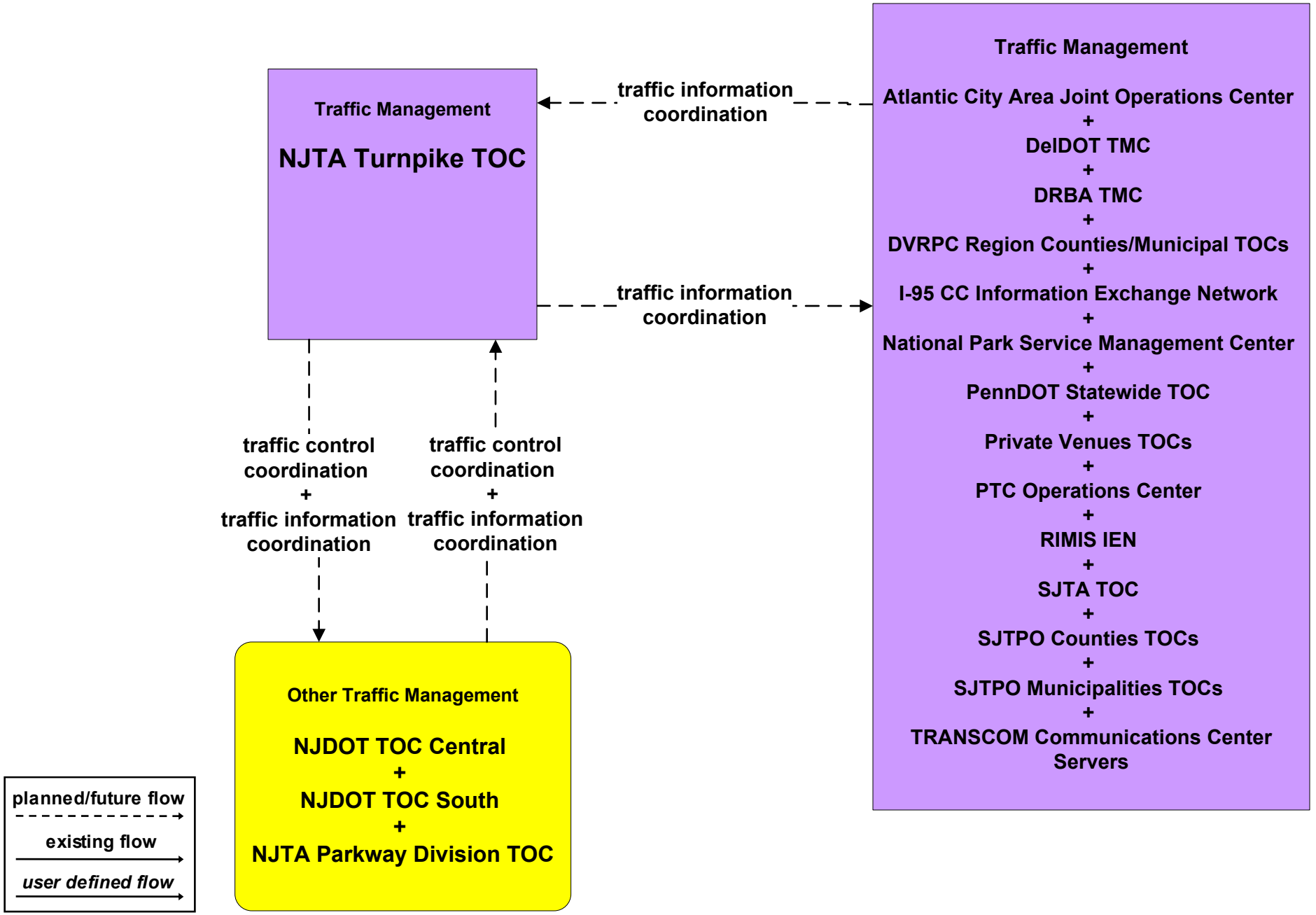
ATMS07 - Regional Traffic Control
SJTPO Region County TOCs



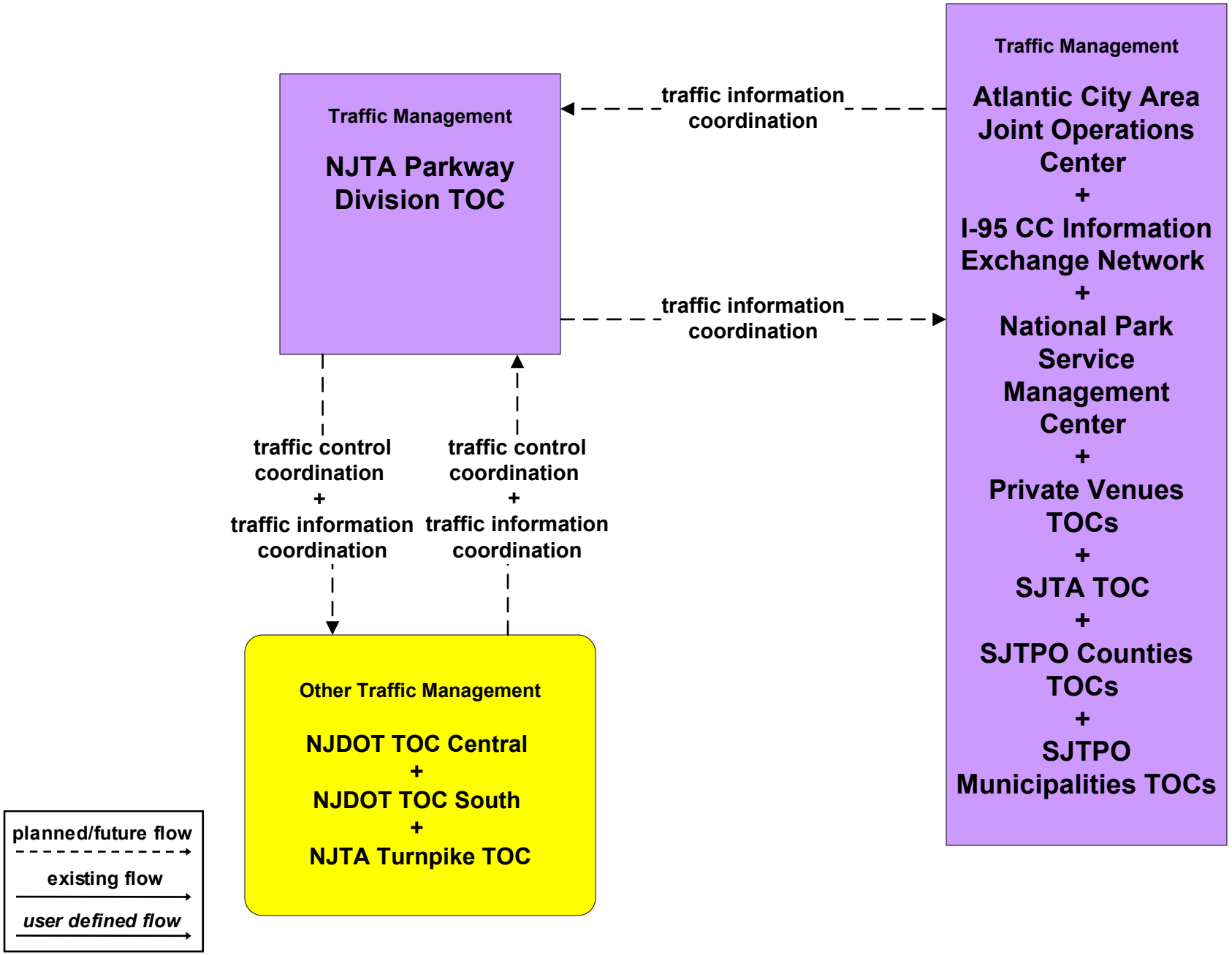
ATMS07 - Regional Traffic Control
SJTPO Region Municipal TOCs



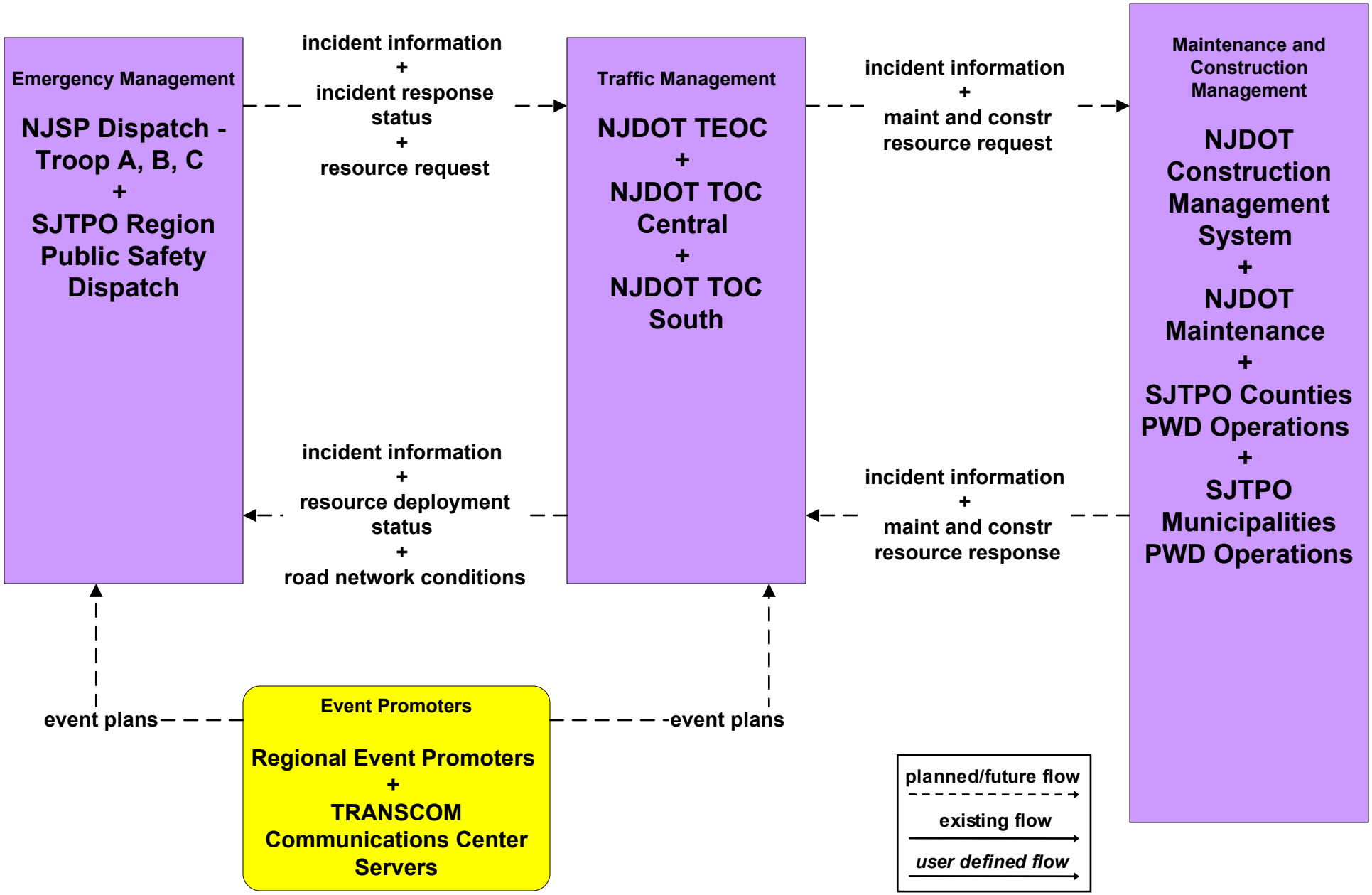
ATMS07 - Regional Traffic Control
New Jersey Turnpike Authority



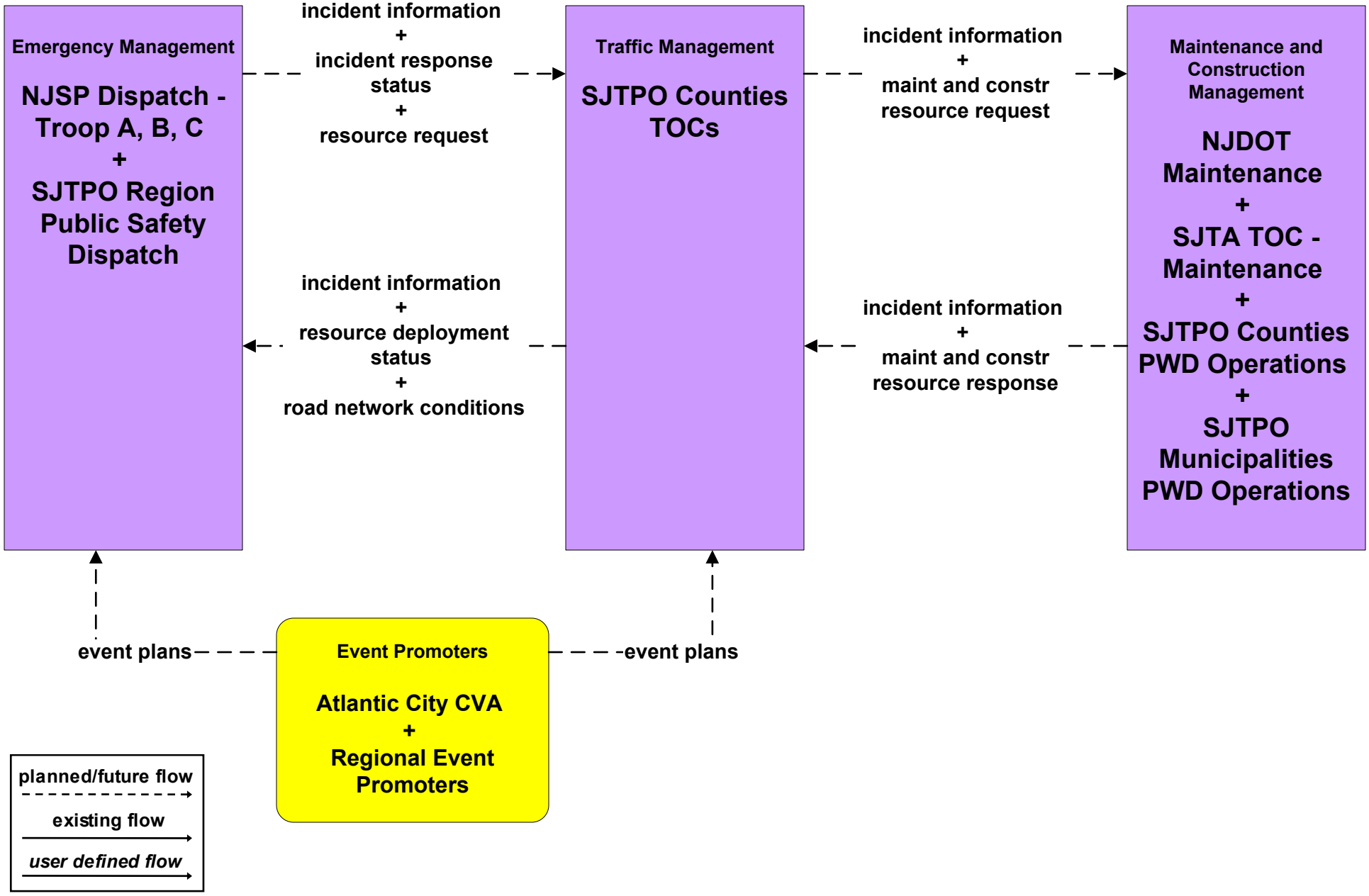
ATMS07 - Regional Traffic Control
NJTA - Parkway Division



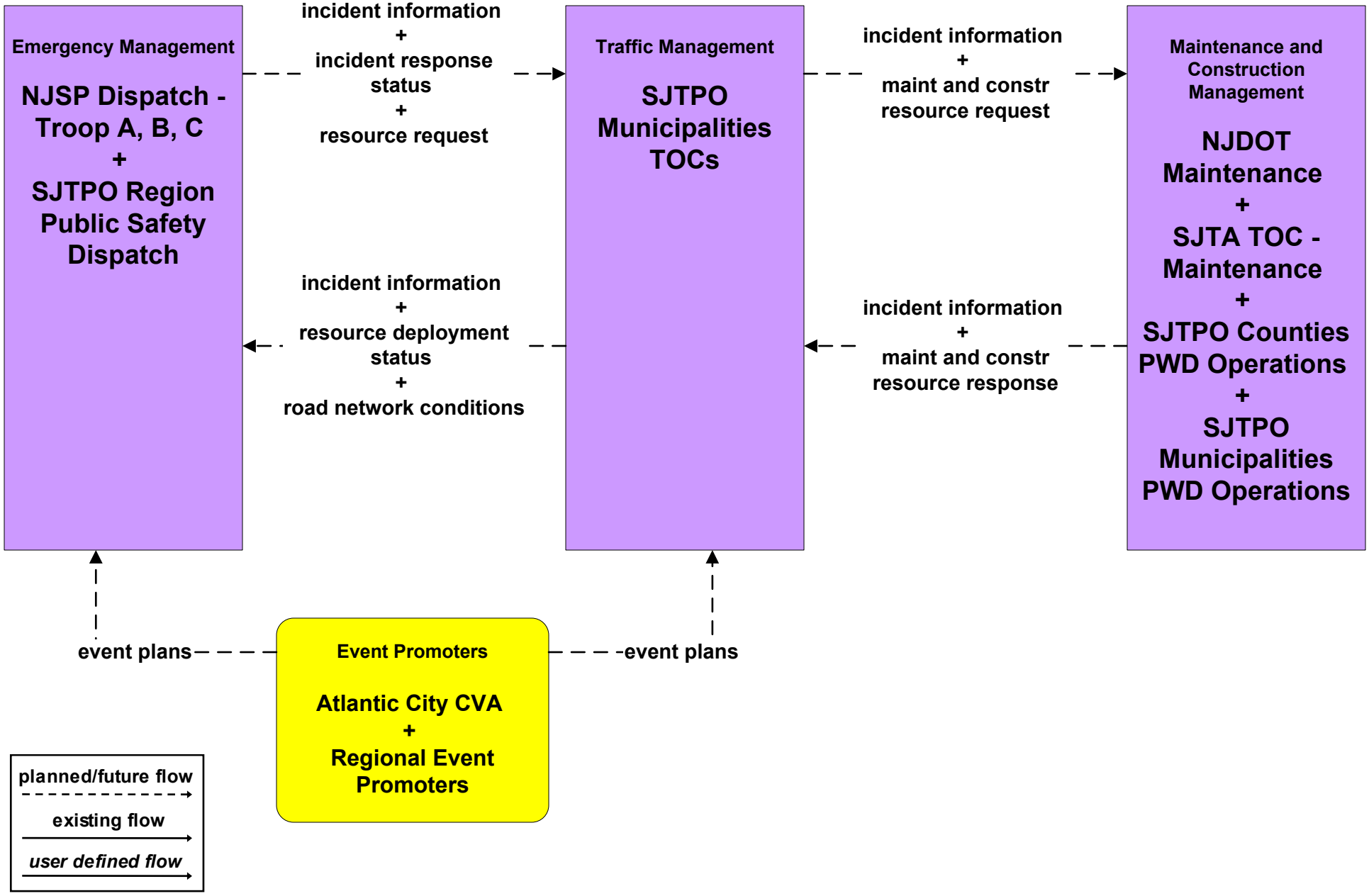
ATMS08 - Incident Management
New Jersey DOT – SJTPO Region



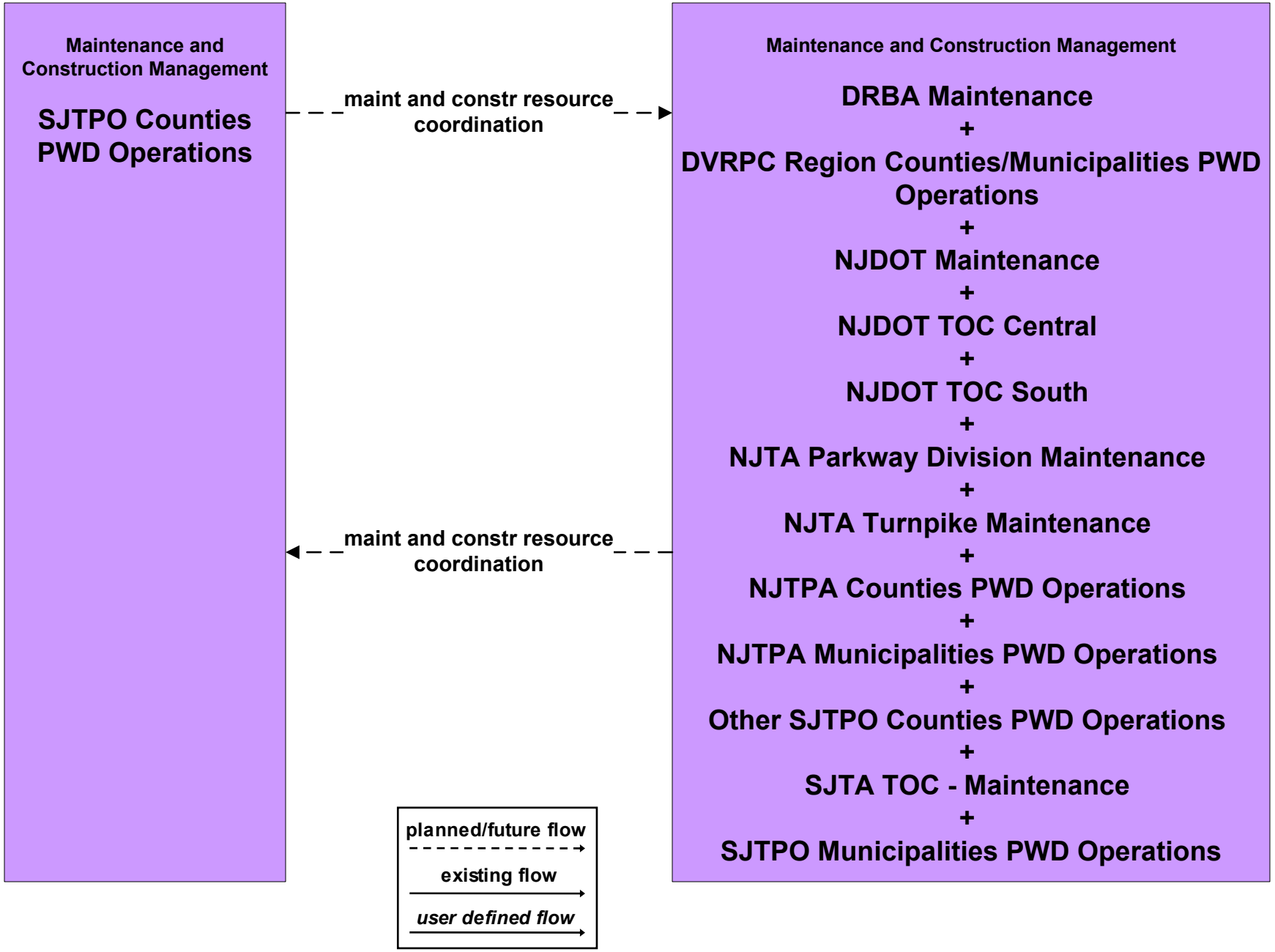
ATMS08 - Incident Management
SJTPO Region County TOCs



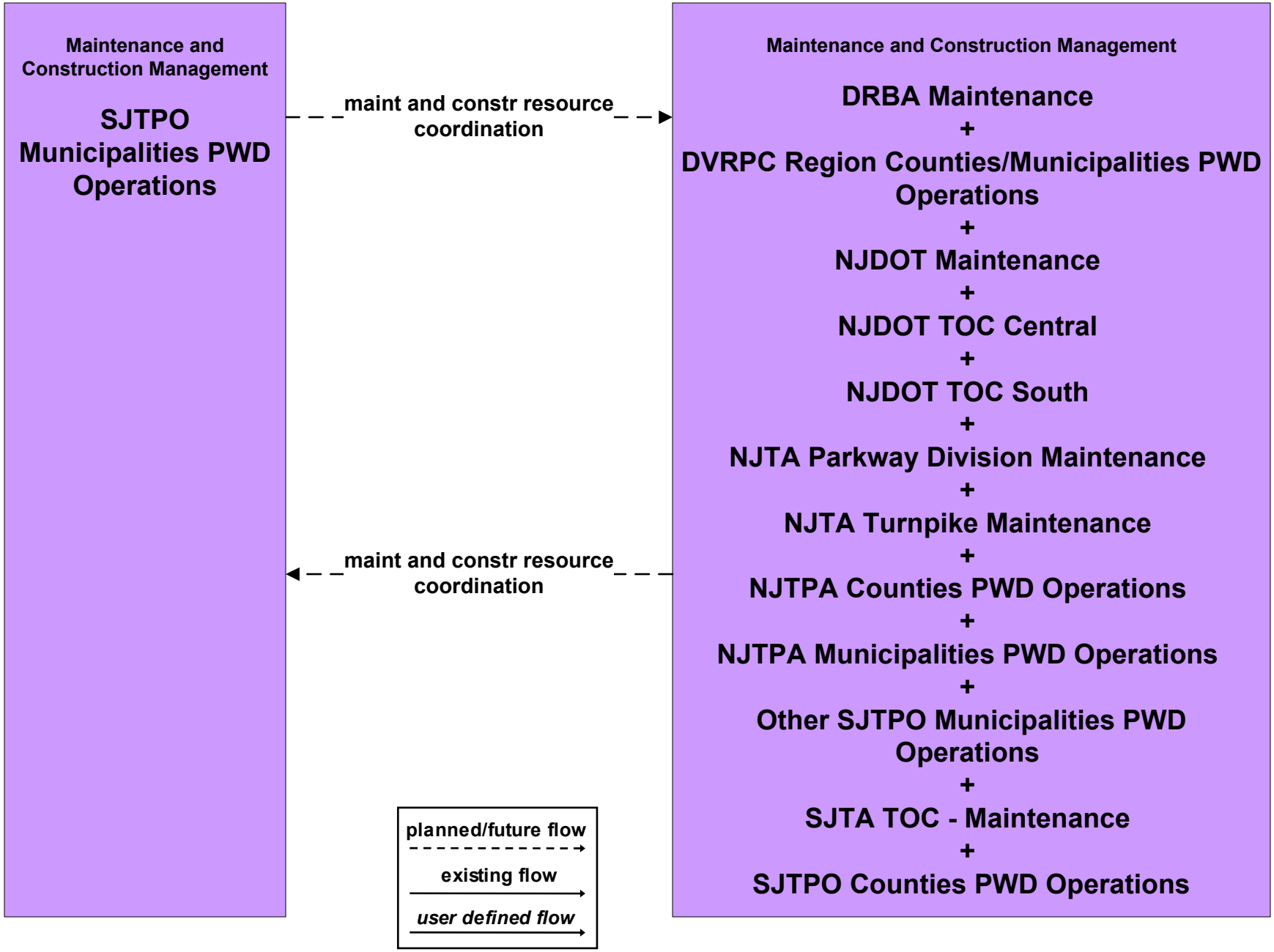
ATMS08 - Incident Management
SJTPO Region Municipal TOCs



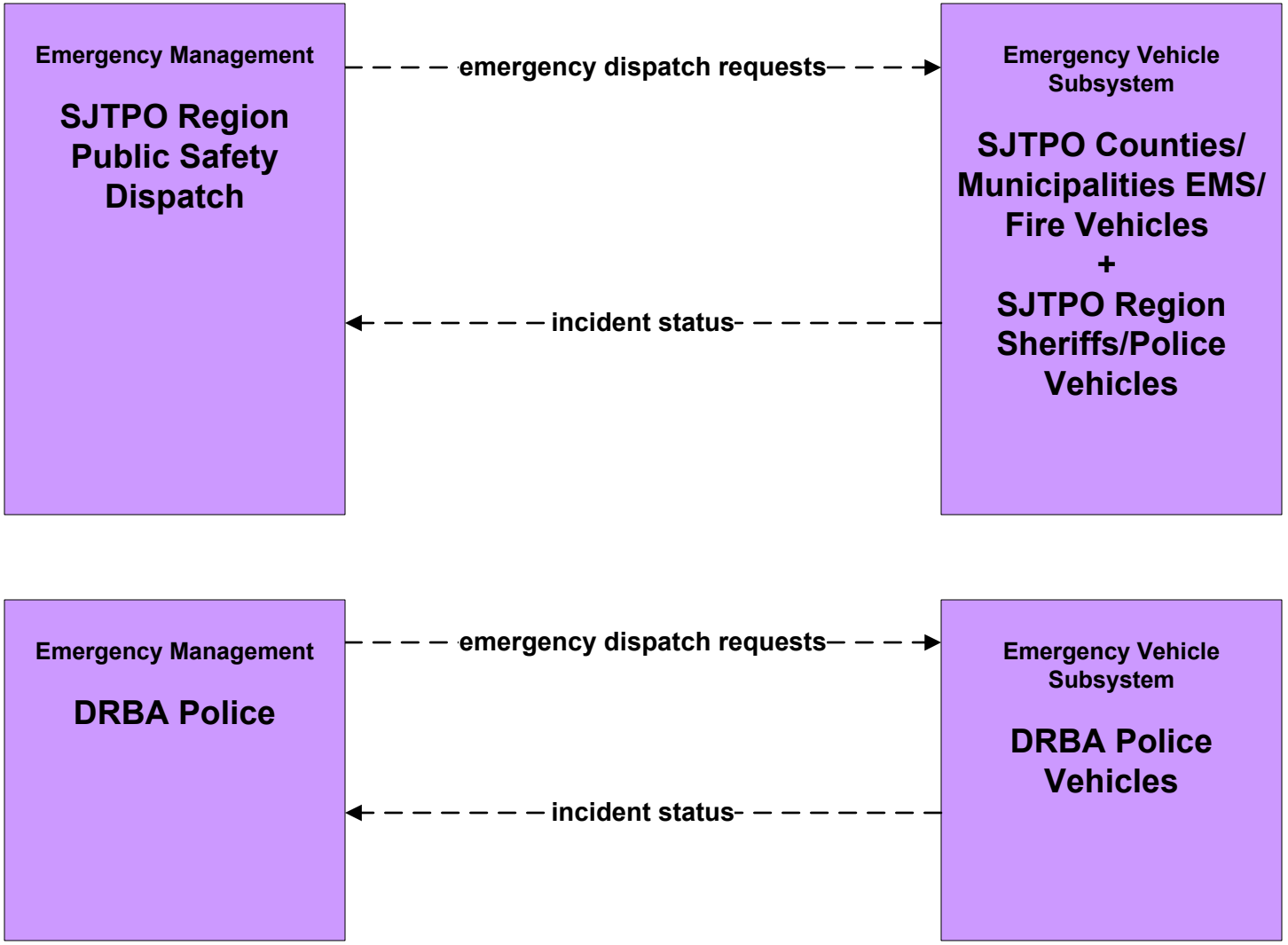
ATMS08 - Incident Management
SJTPO Counties PWD Operations (MCM – MCM)



ATMS08 - Incident Management
SJTPO Municipalities PWD Operations (MCM – MCM)



ATMS08 - Incident Management
Emergency Vehicle Dispatch (EM – EV)

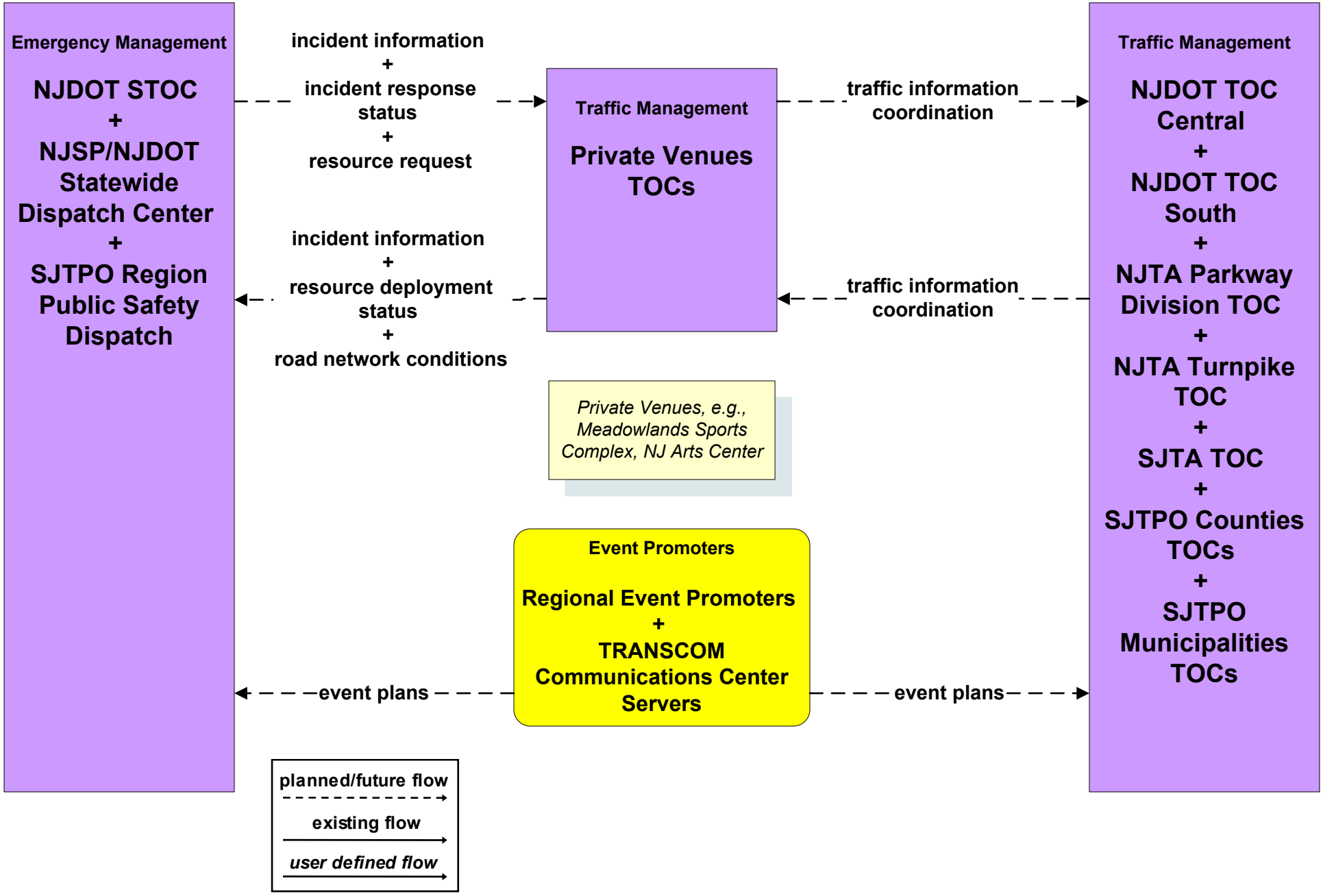


planned/future flow

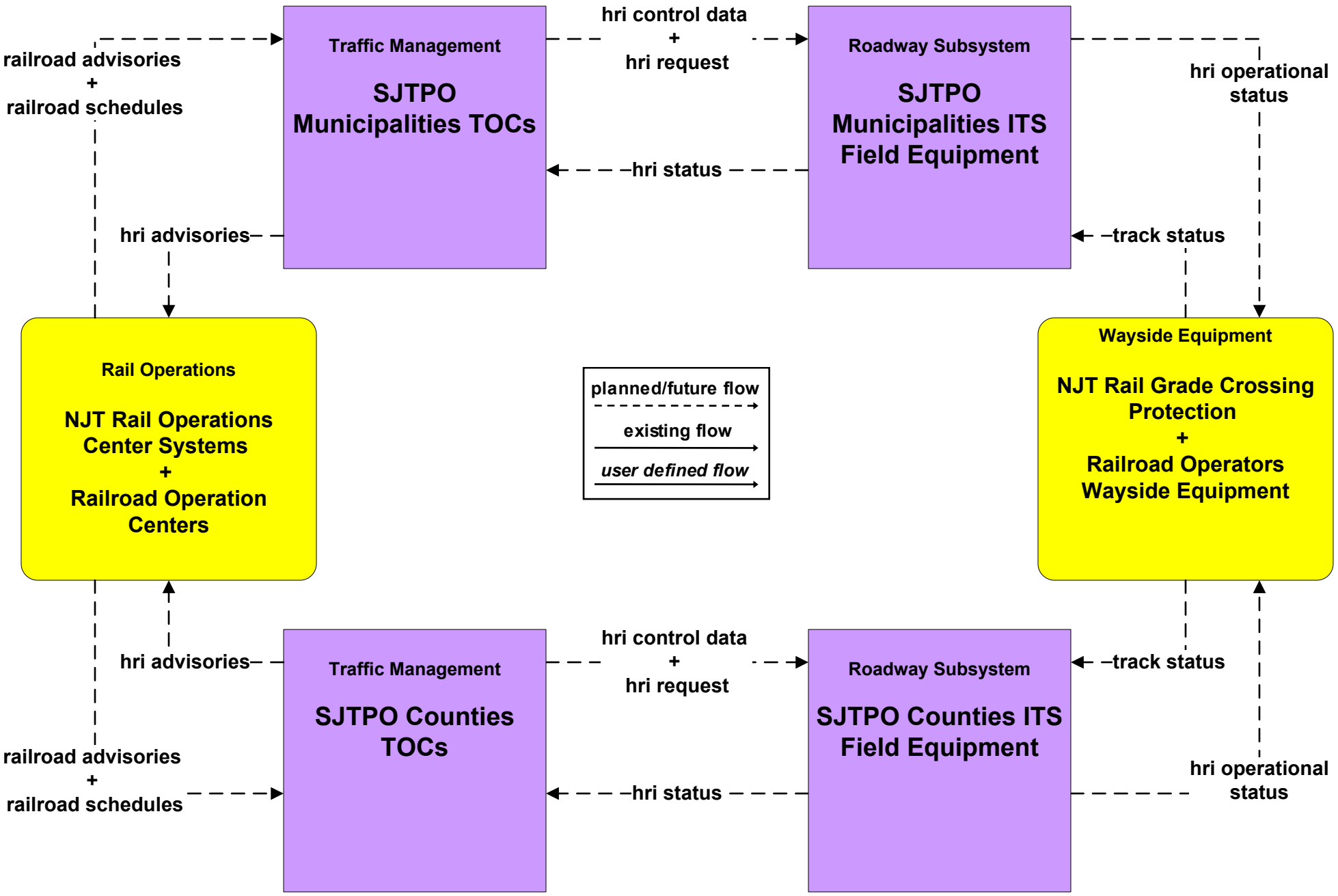
existing flow

user defined flow

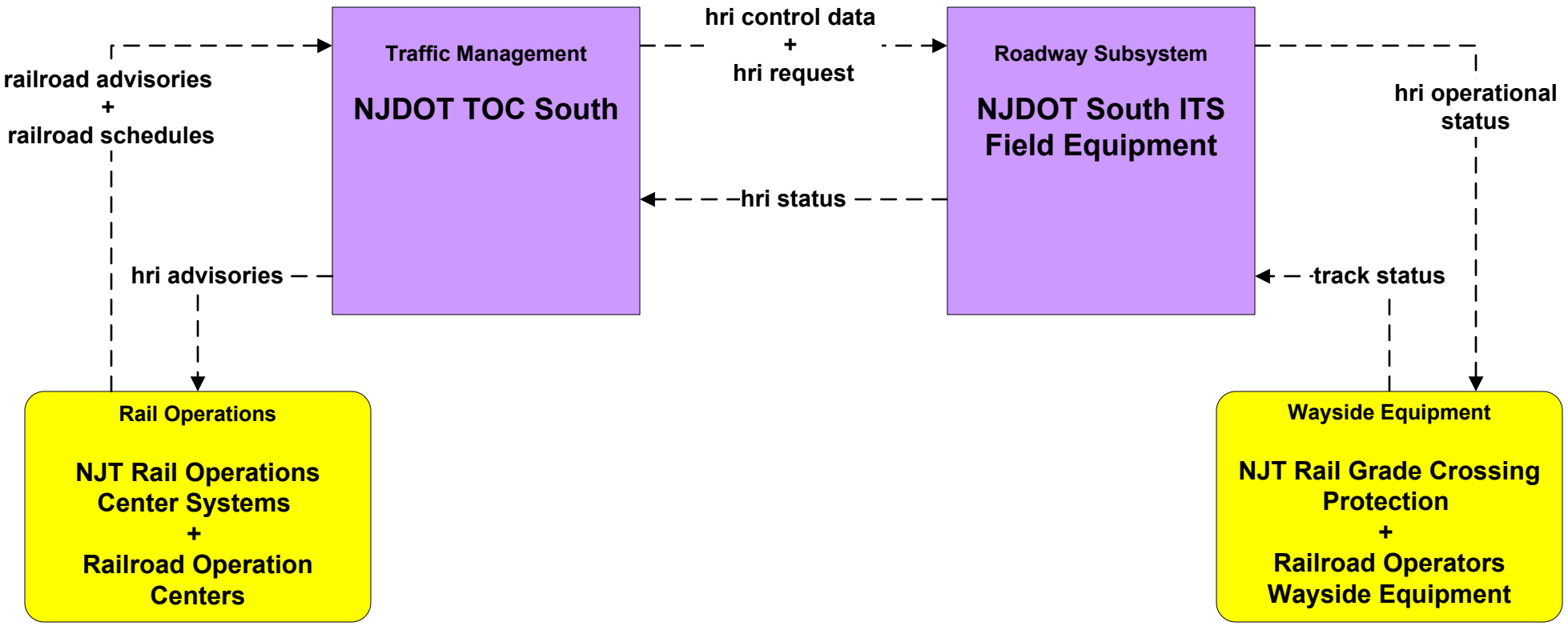
ATMS08 - Incident Management
Private Venues



ATMS13 - Standard Railroad Crossing
SJTPO Region TOCs and Rail Operators



ATMS13 - Standard Railroad Crossing
NJDOT TOCs and Rail Operators

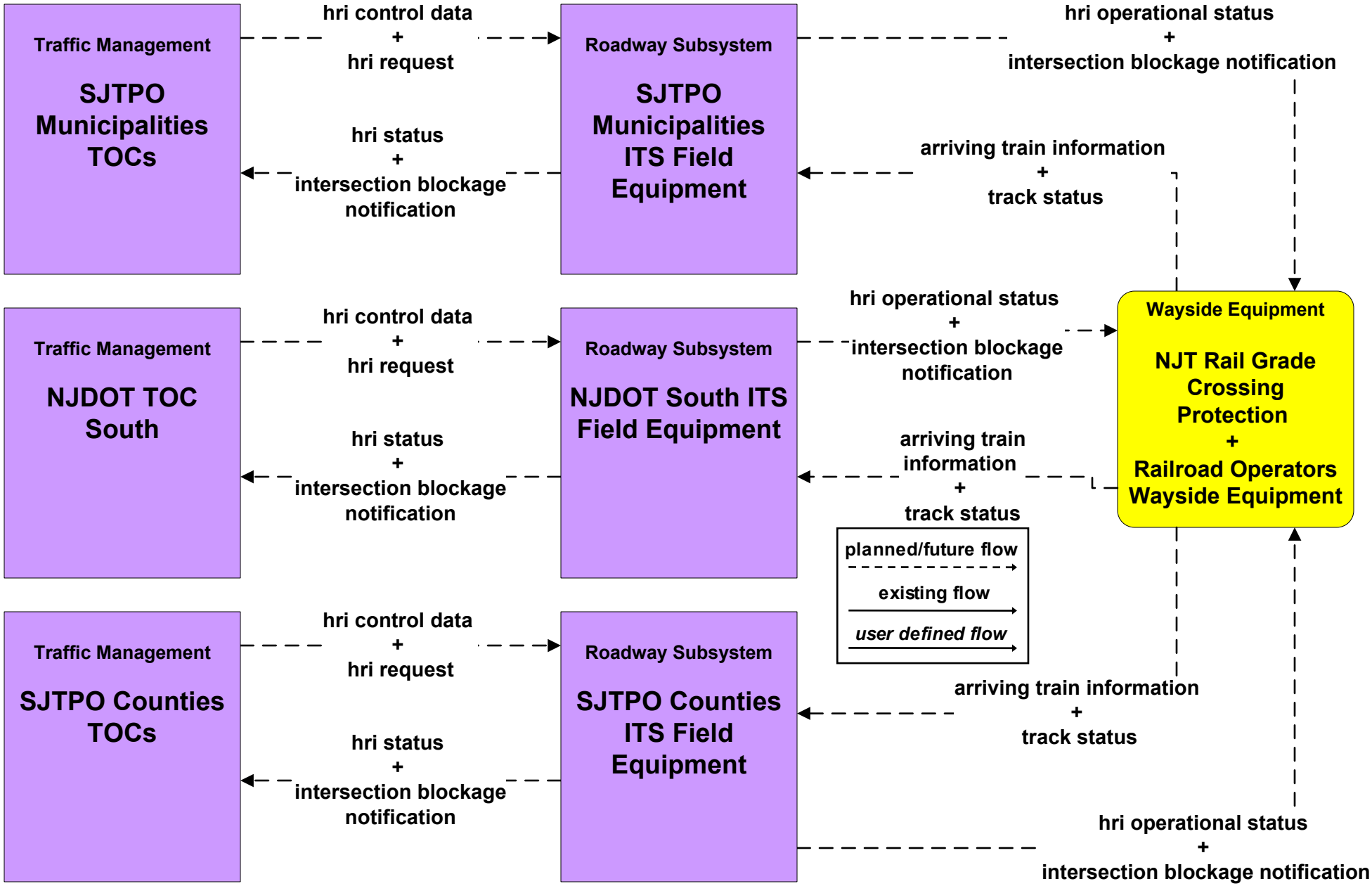


planned/future flow

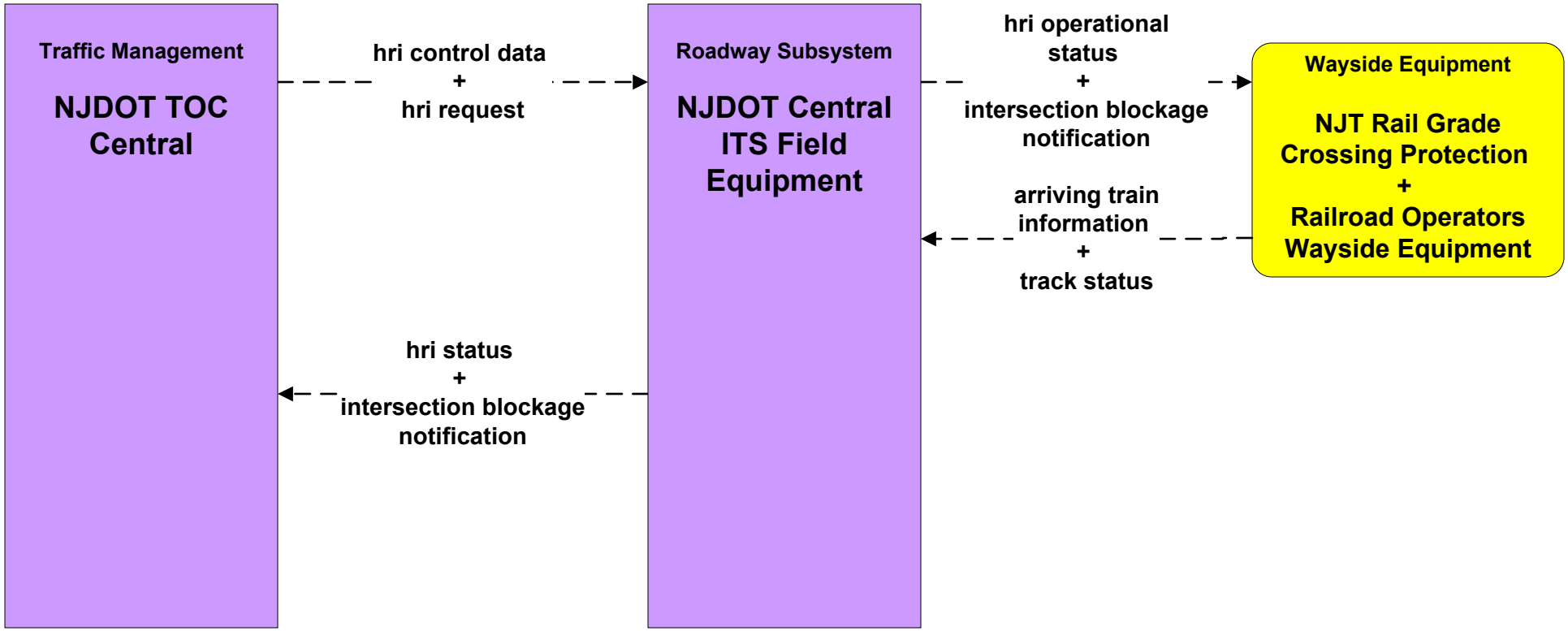
existing flow

user defined flow

ATMS14 - Advanced Railroad Crossing
SJTPO Region TOCs and Rail Operators



ATMS14 - Advanced Railroad Crossing
NJDOT Central

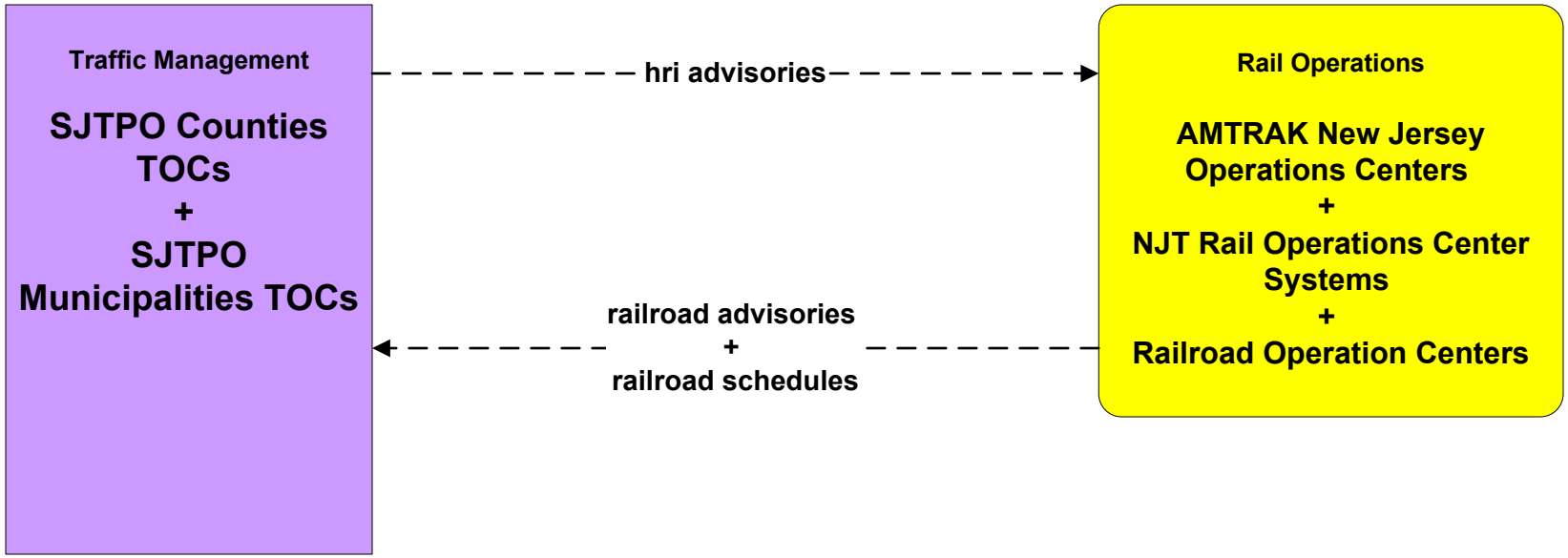


planned/future flow

existing flow

user defined flow

ATMS15 - Railroad Operations Coordination
SJTPO Region TOCs / NJDOT

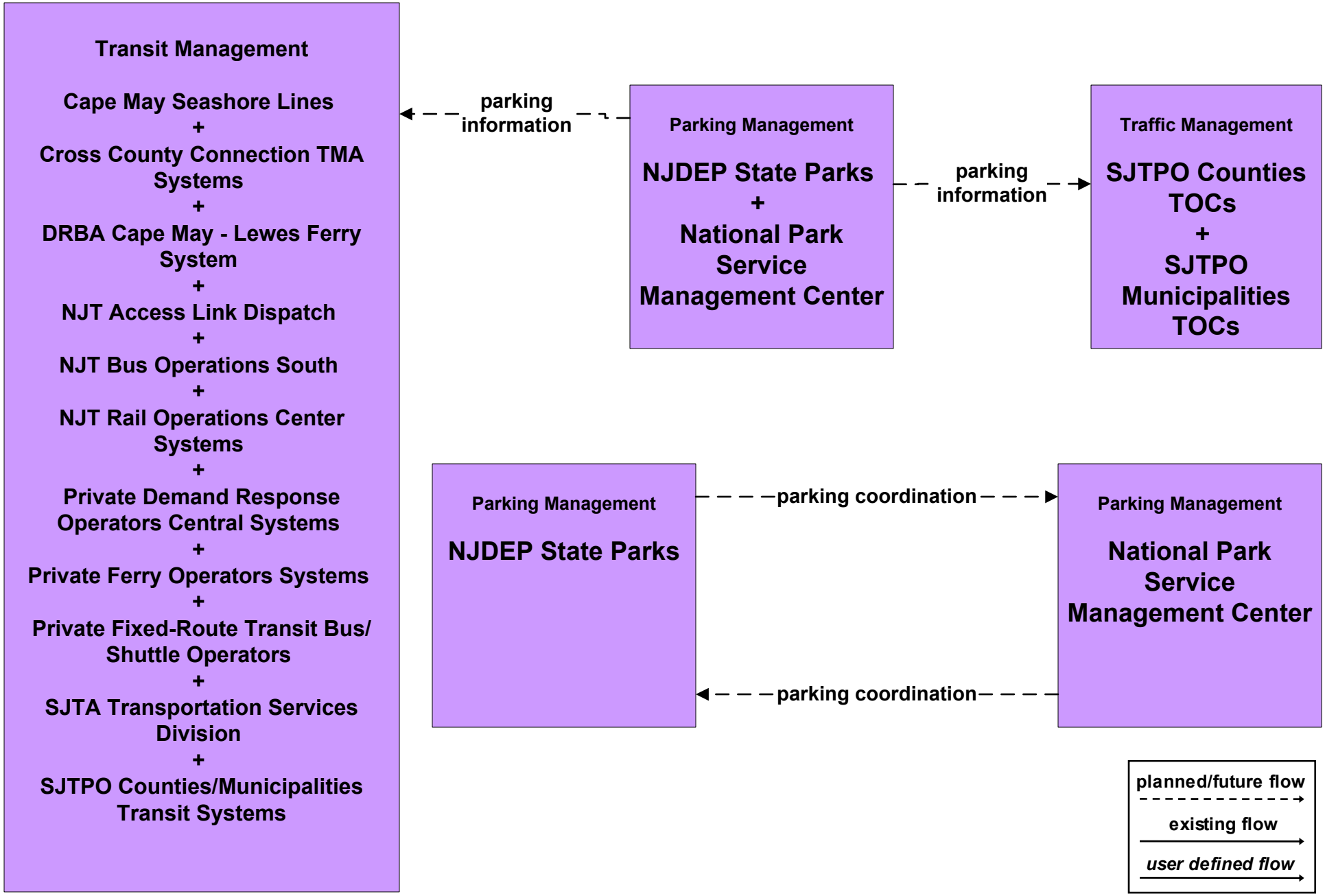


planned/future flow

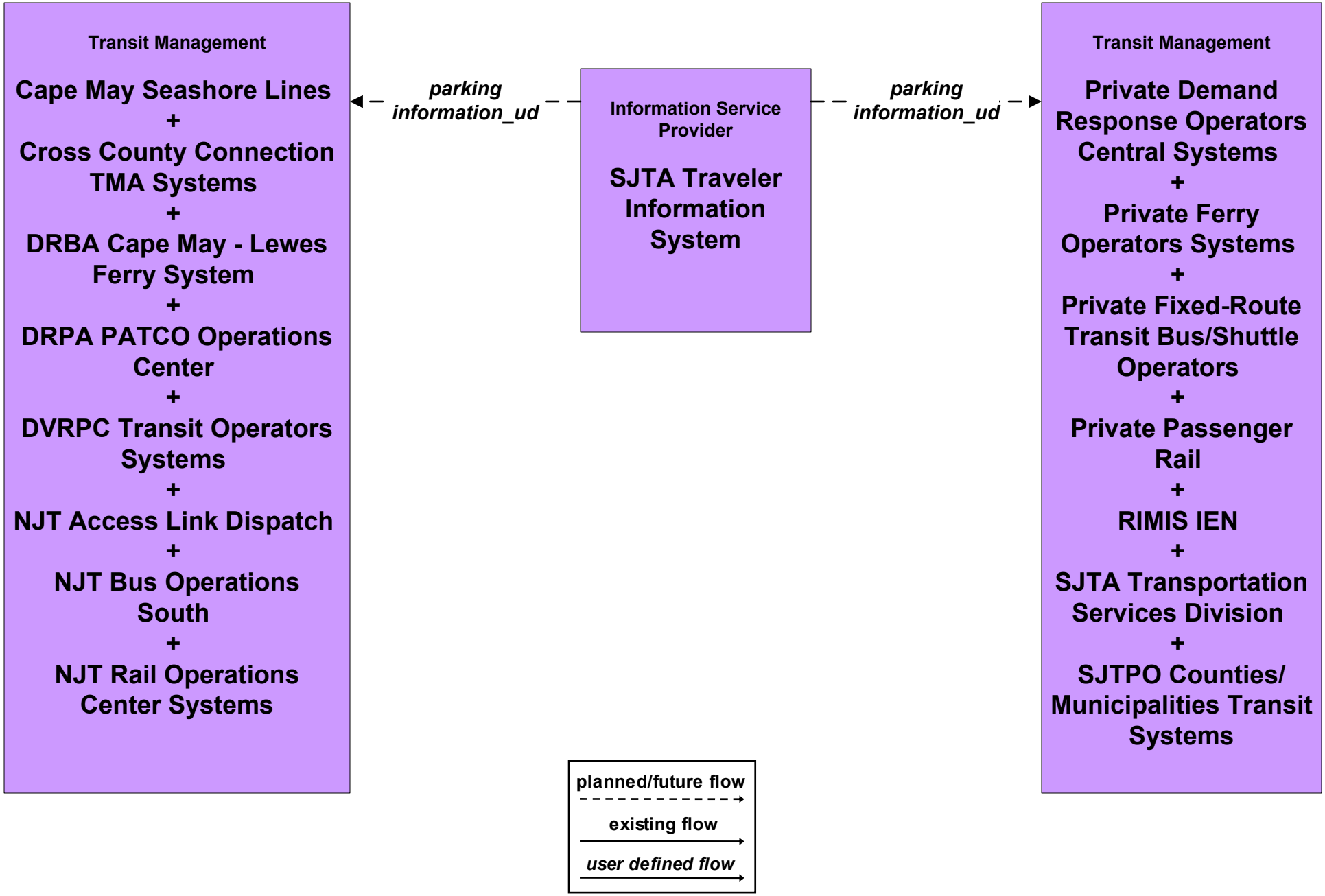
existing flow

user defined flow

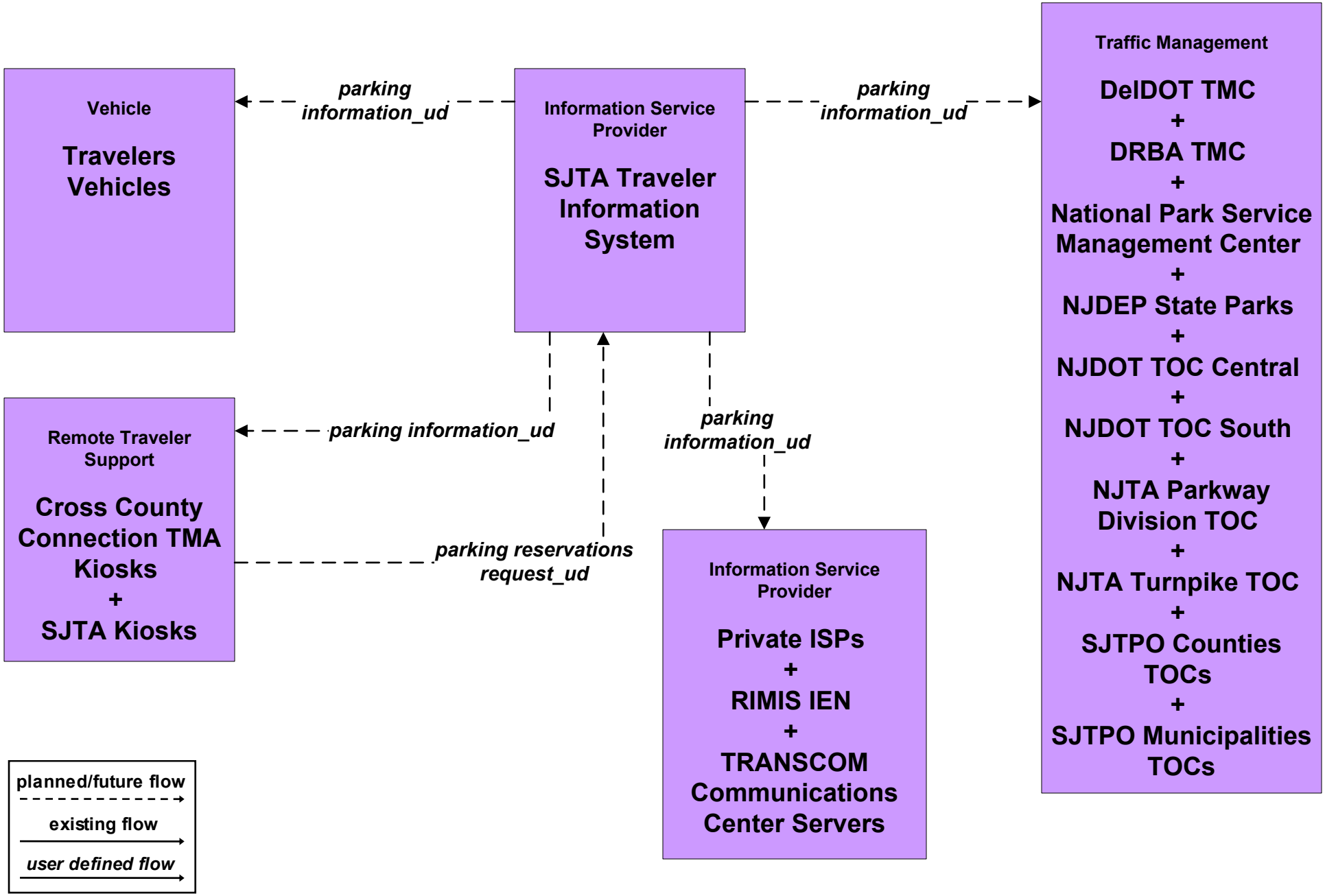
ATMS16 - Parking Facility Management
NJDEP State Parks and NPS Parks Parking Facilities (1 of 2)



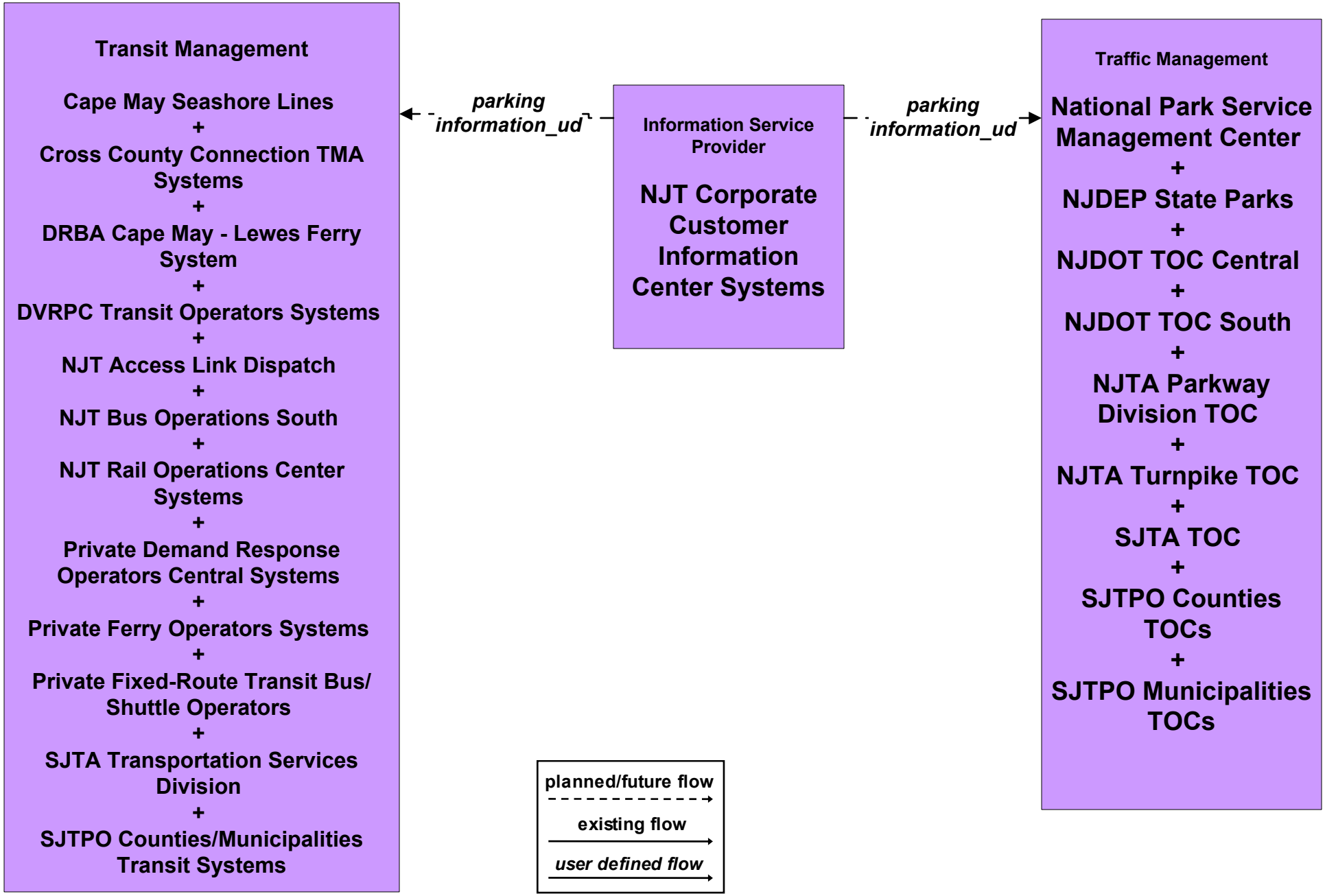
ATMS16 - Parking Facility Management
SJTA Parking Facilities (2 of 3)



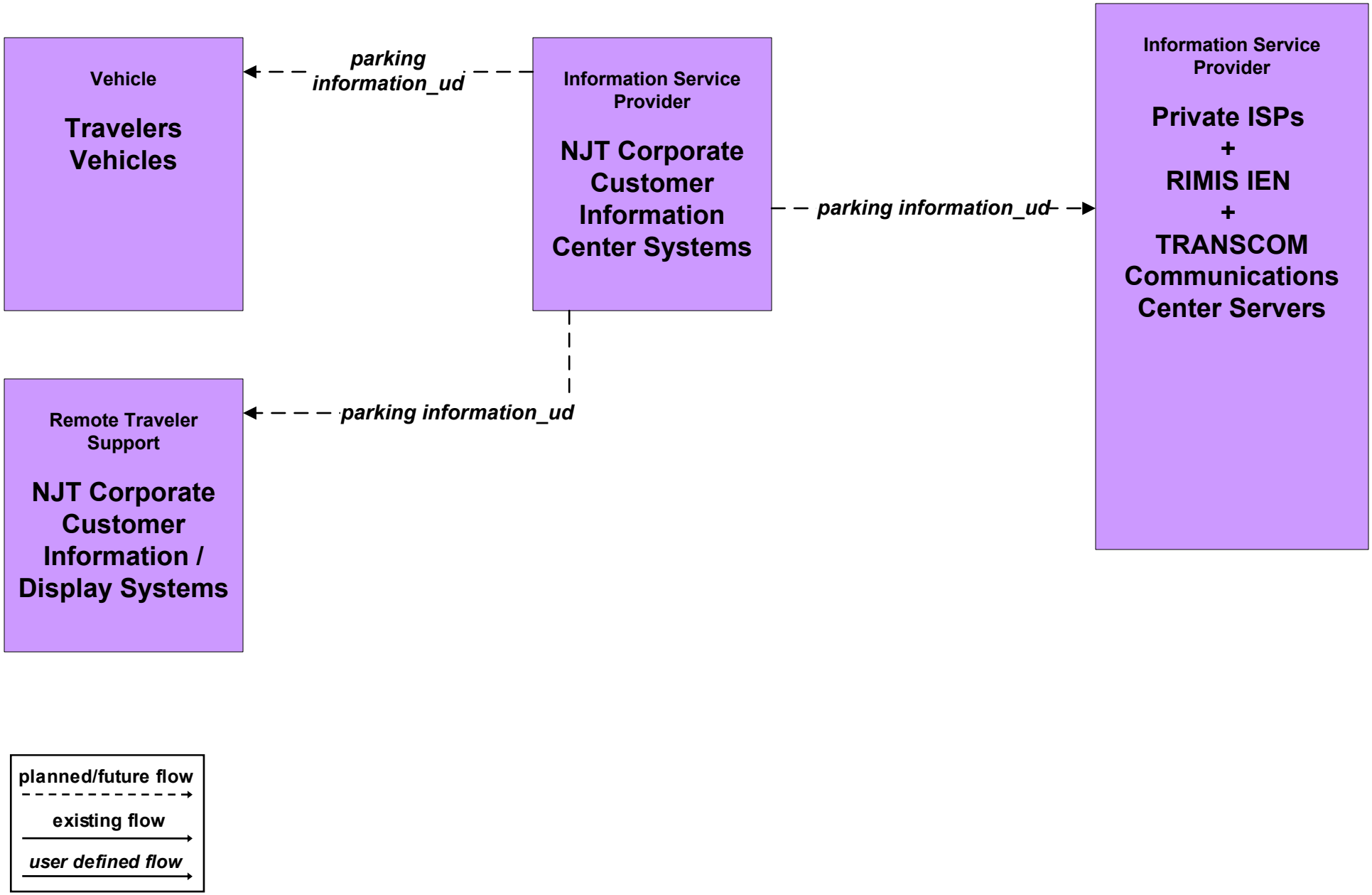
ATMS16 - Parking Facility Management
SJTA Parking Facilities (3 of 3)



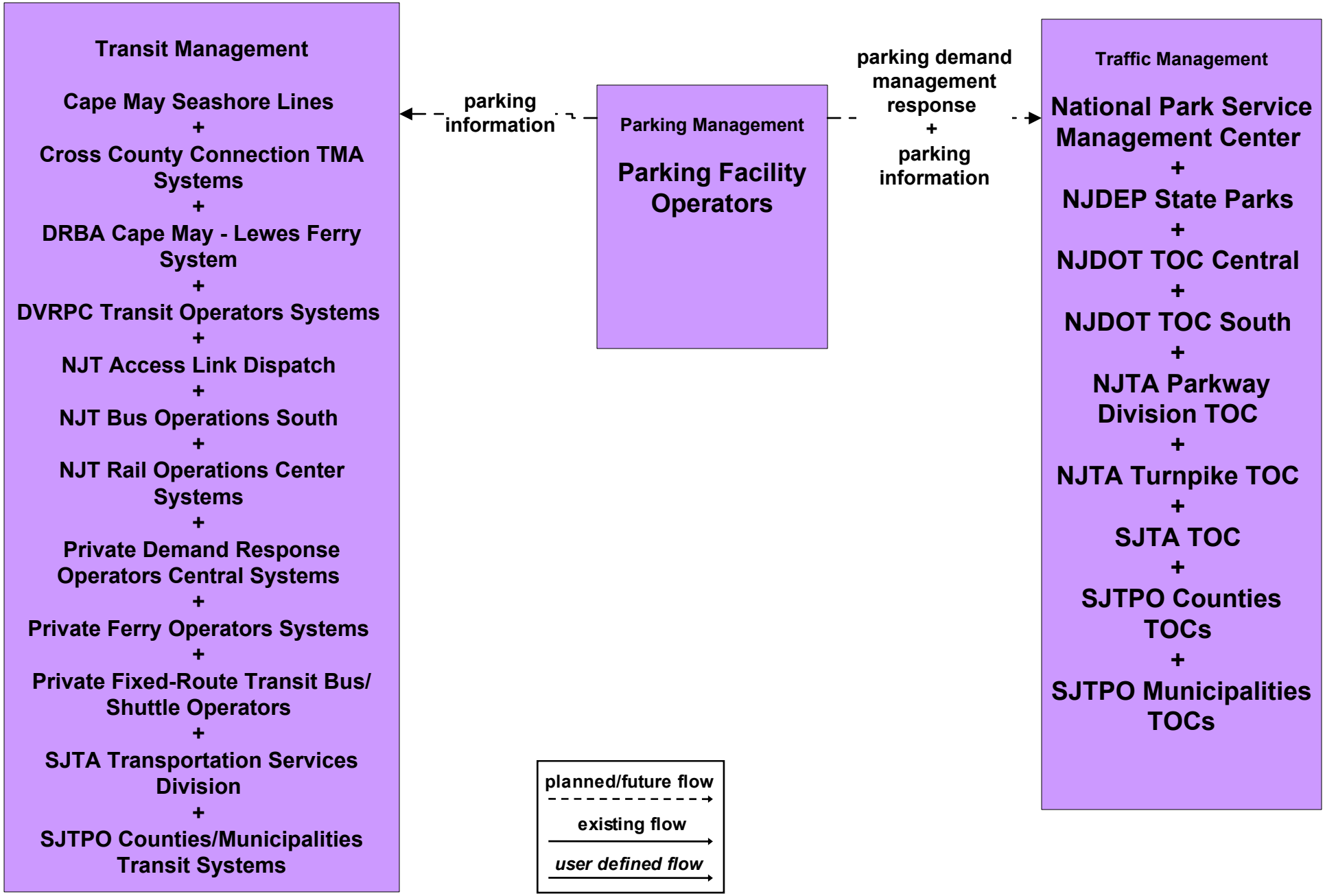
ATMS16 - Parking Facility Management
NJT Parking Facilities (2 of 3)



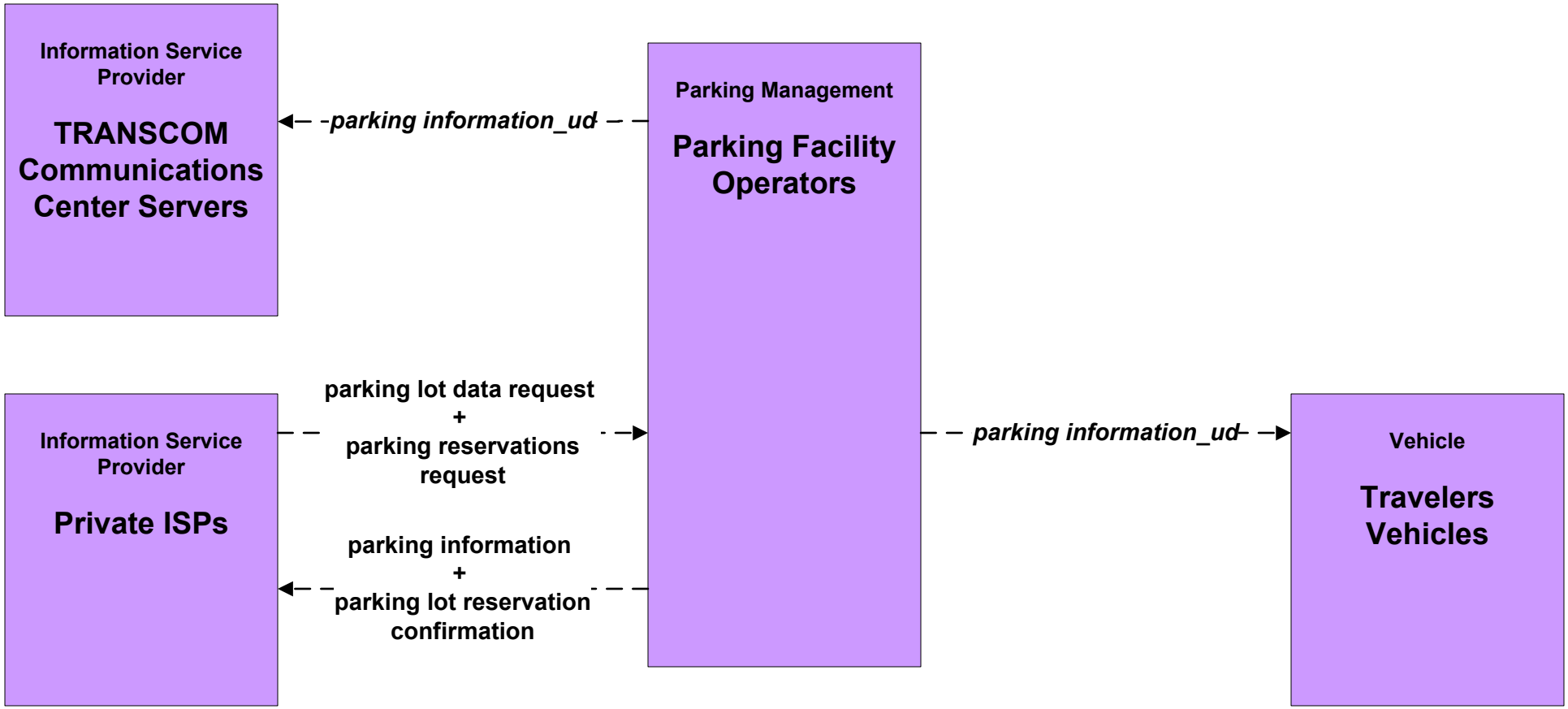
ATMS16 - Parking Facility Management
NJT Parking Facilities (3 of 3)

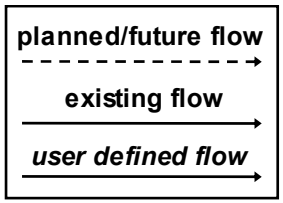


ATMS16 - Parking Facility Management
Parking Facility Operators (1 of 2)

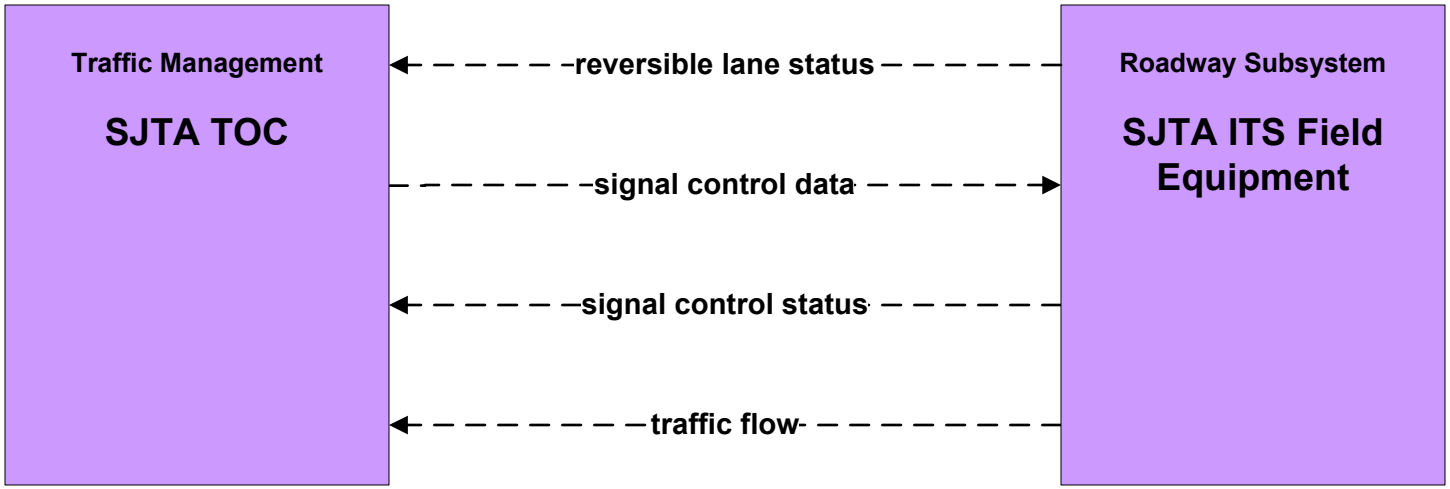


ATMS16 - Parking Facility Management
Parking Facility Operators (2 of 2)





ATMS18 - Reversible Lane Management
South Jersey Transportation Authority

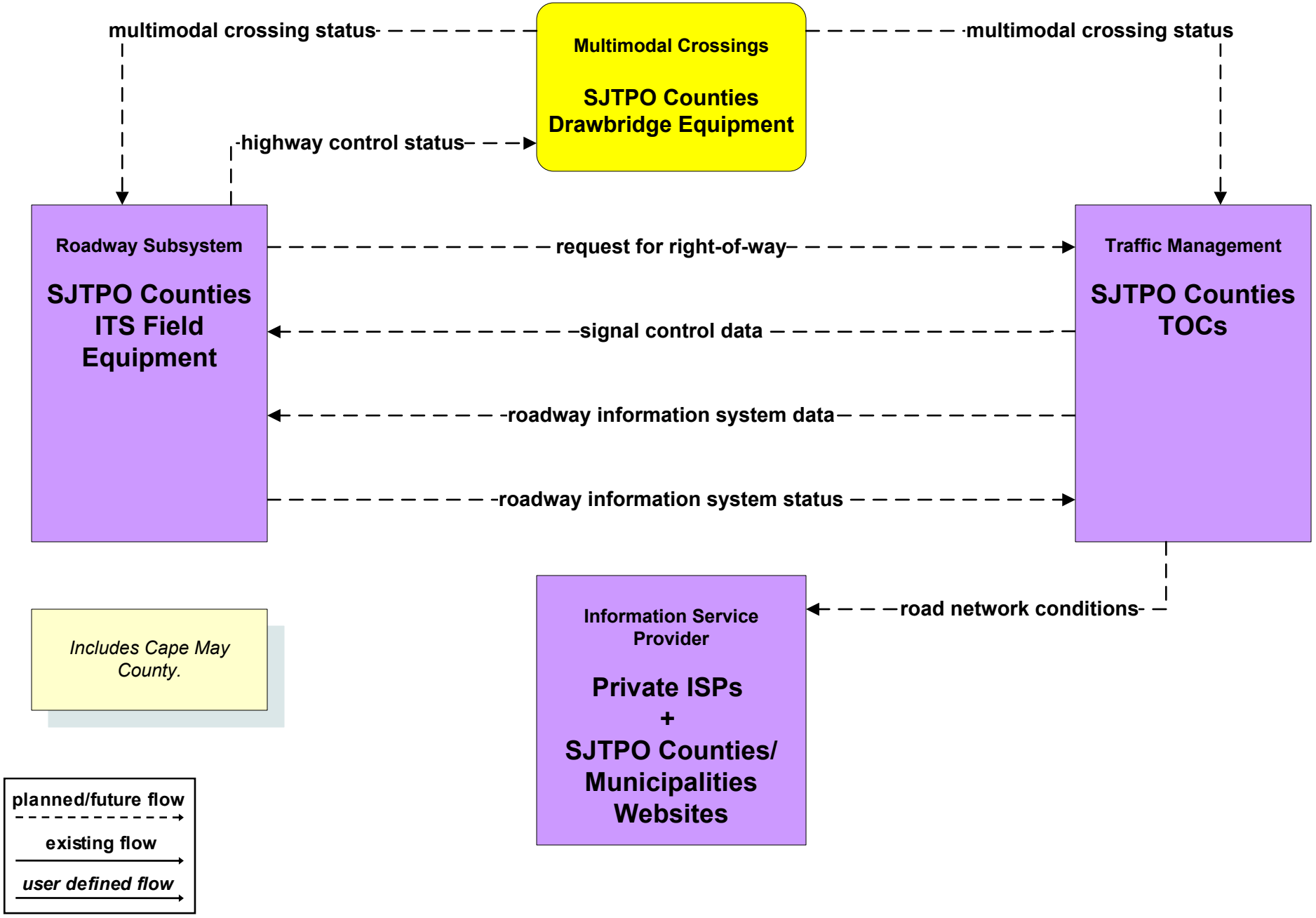


planned/future flow

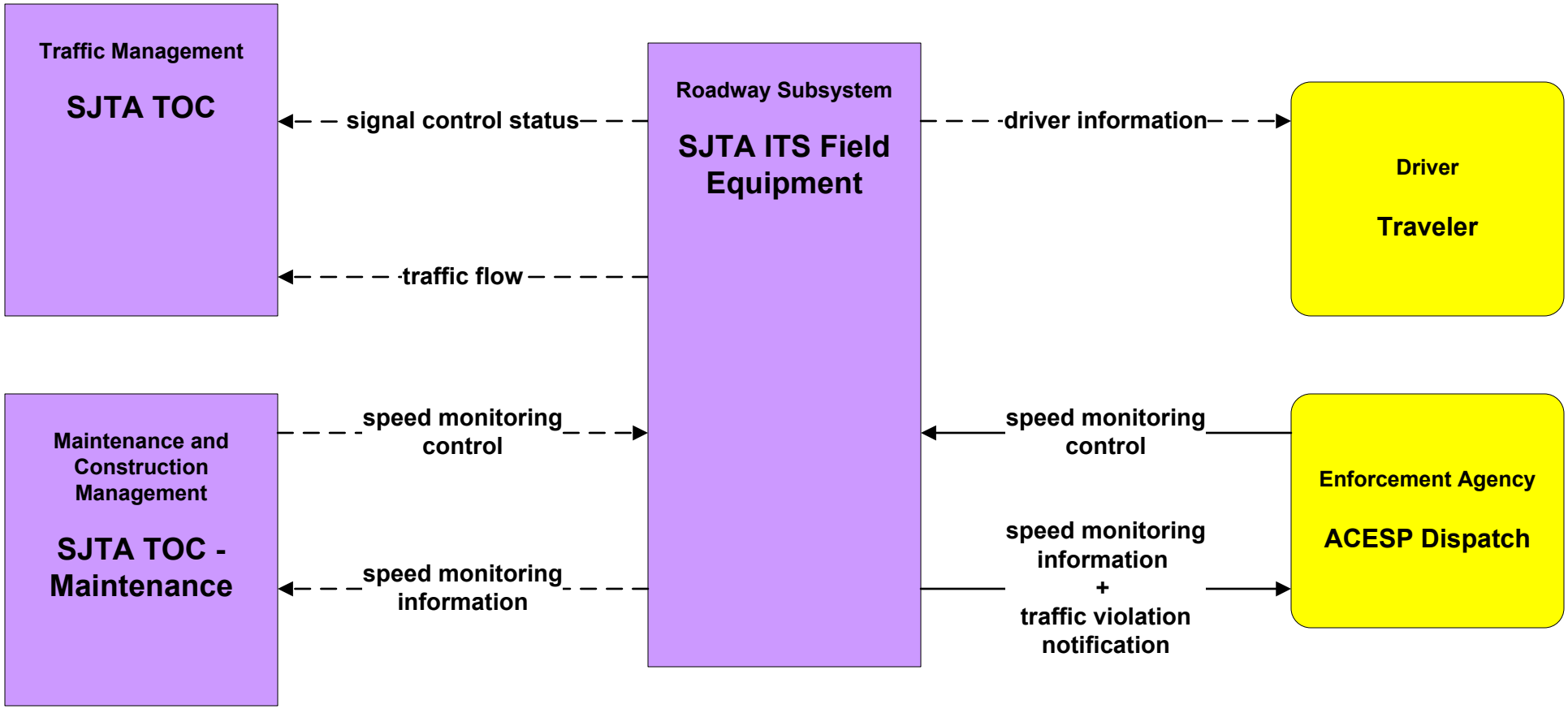
existing flow

user defined flow

ATMS20 - Drawbridge Management
SJTPO Region – County Drawbridges



ATMS21 - Roadway Closure Information
South Jersey Transportation Authority



LEGEND

planned and future flow

existing flow

user defined flow

SJTA Controls a Tunnel that has closure equipment (dynamic).