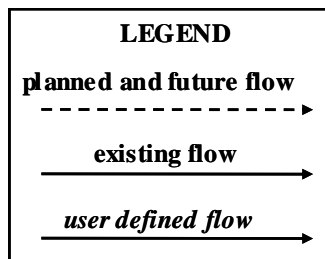
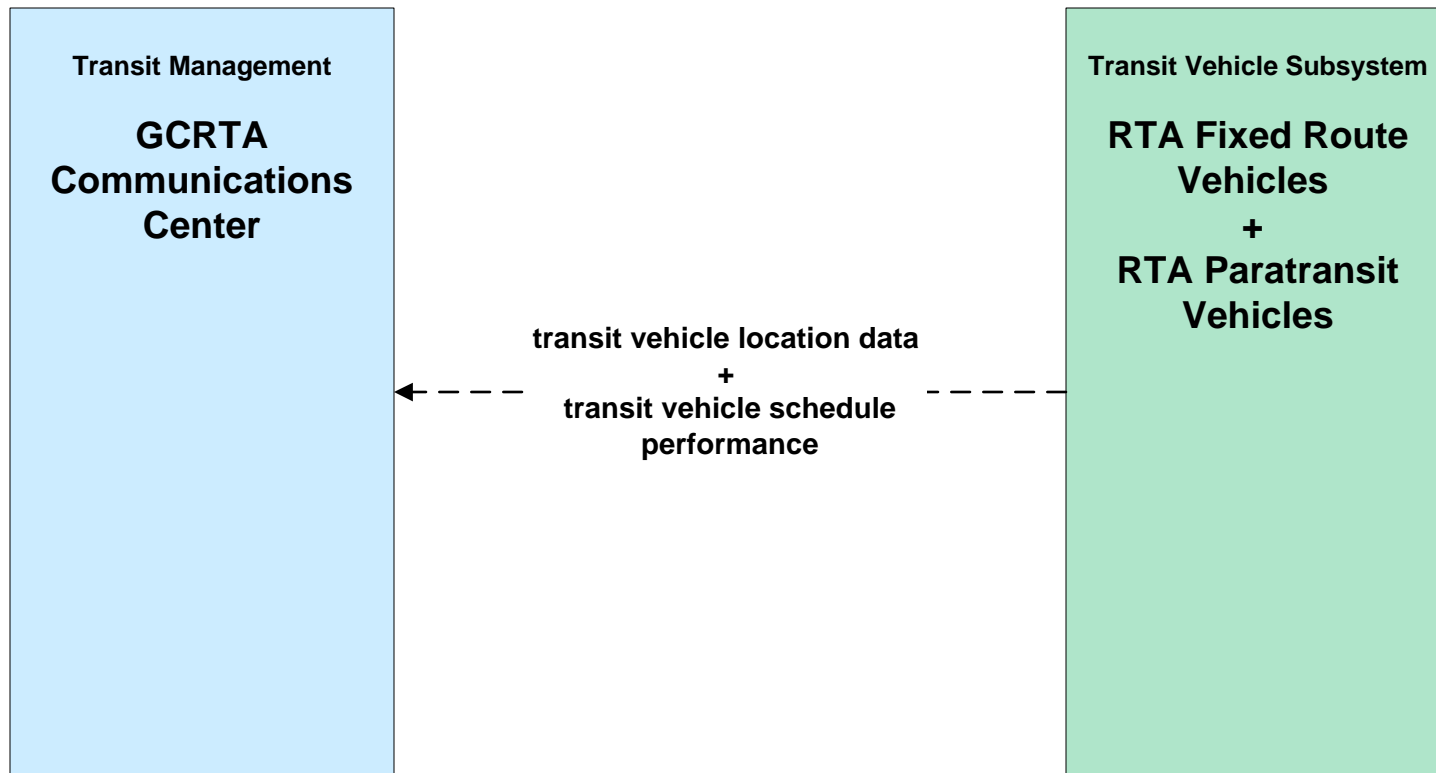


NOACA Regional ITS Architecture

Customized Market Package Diagrams

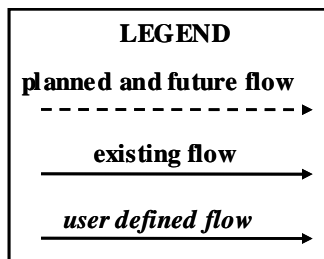
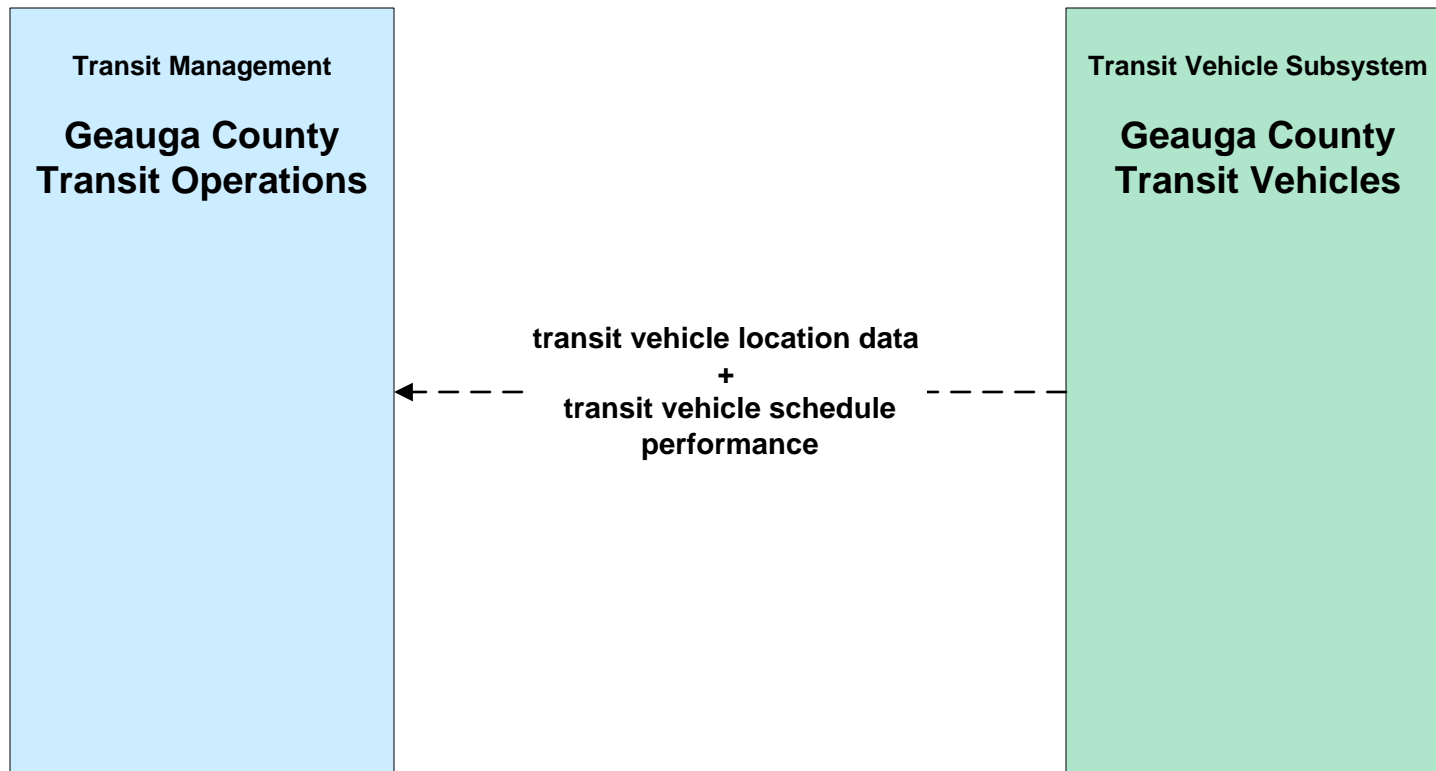
**Advanced Public Transportation Systems
(APTS)**

APTS01 - Transit Vehicle Tracking GCRTA

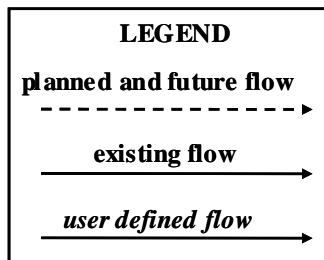
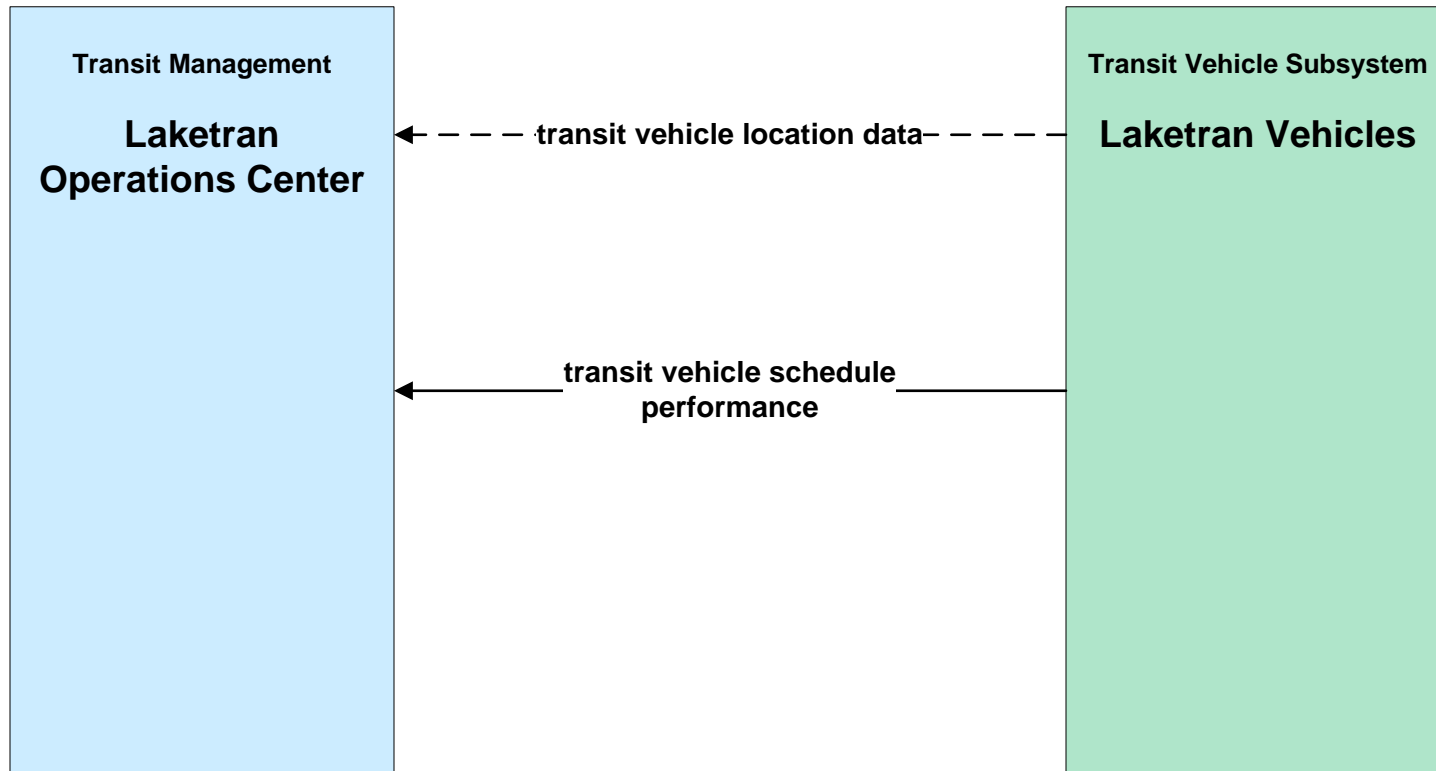


APTS01 - Transit Vehicle Tracking

Geauga County Transit

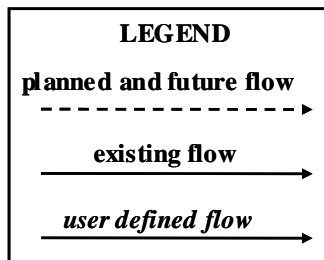
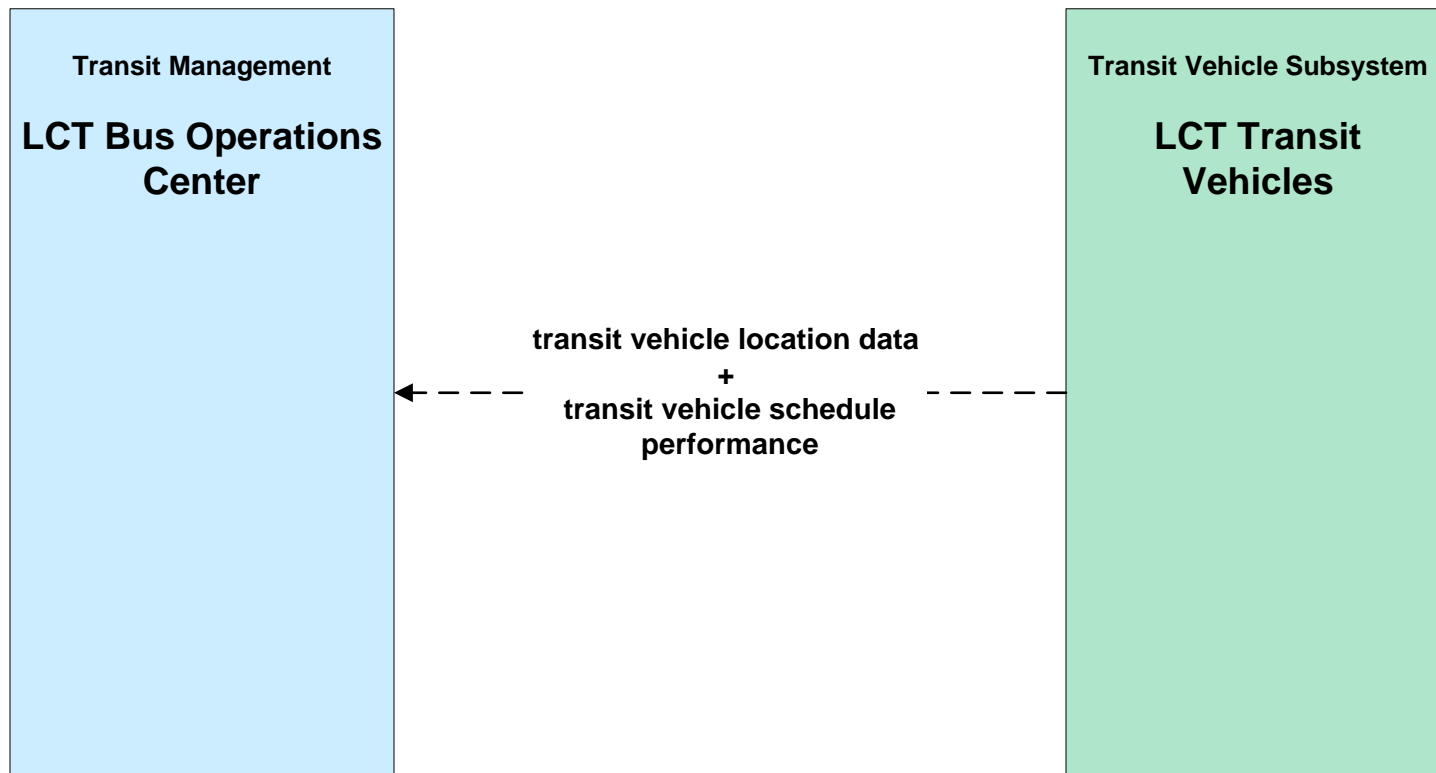


APTS01 - Transit Vehicle Tracking Laketran

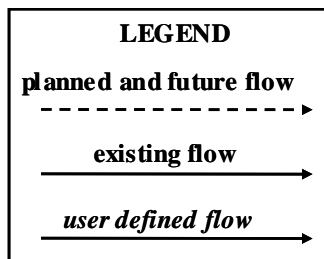
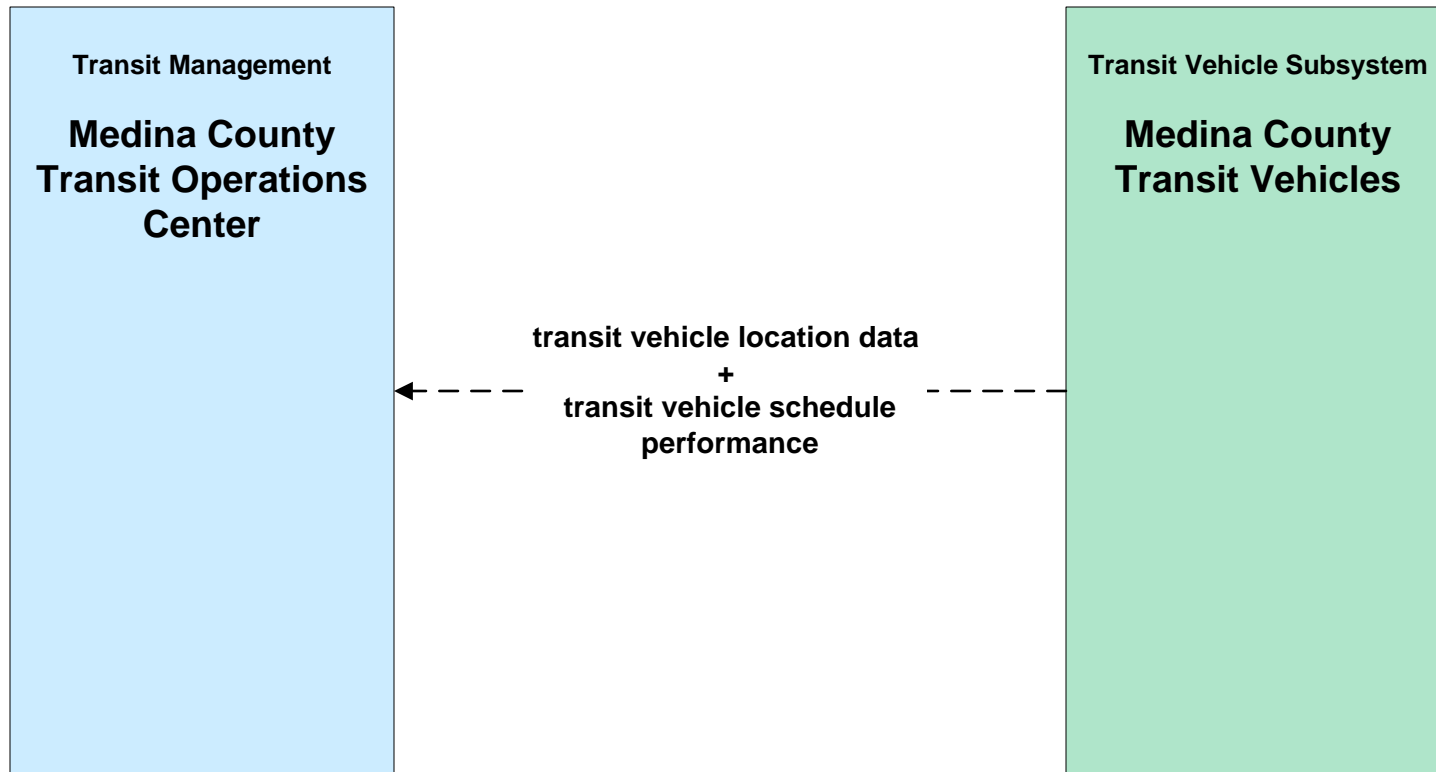


APTS01 - Transit Vehicle Tracking

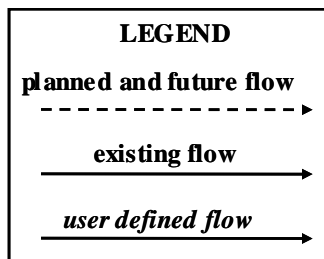
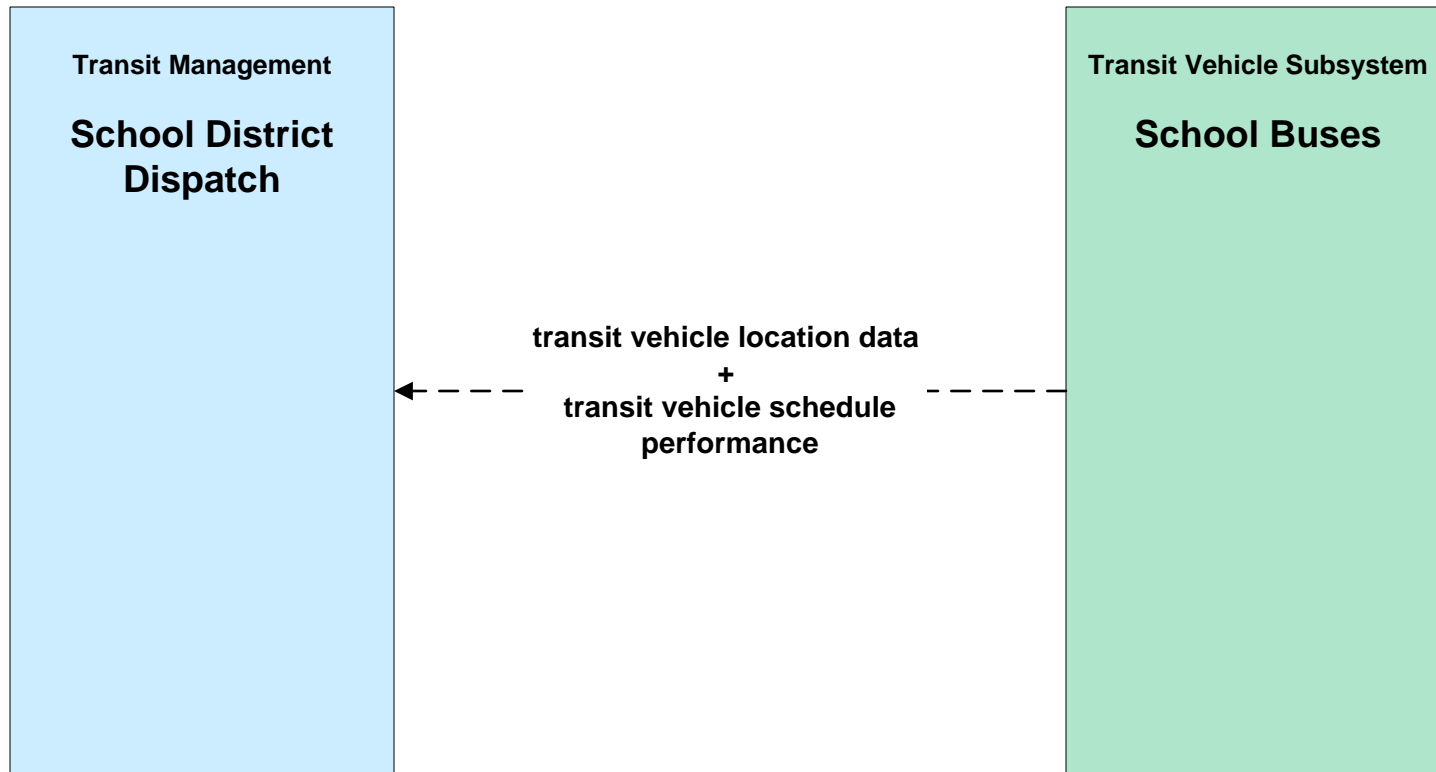
Lorain County Transit



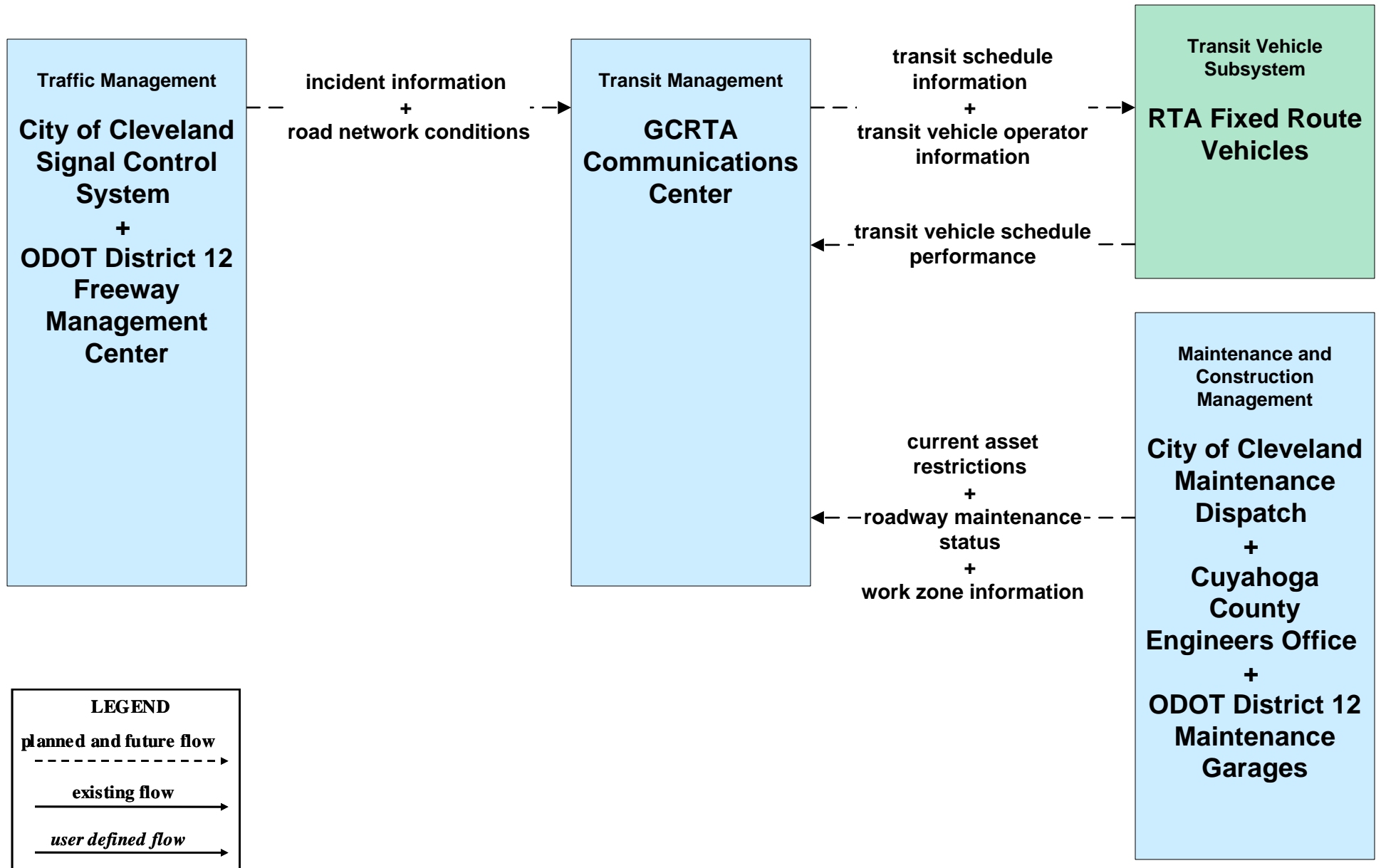
APTS01 - Transit Vehicle Tracking Medina County Transit



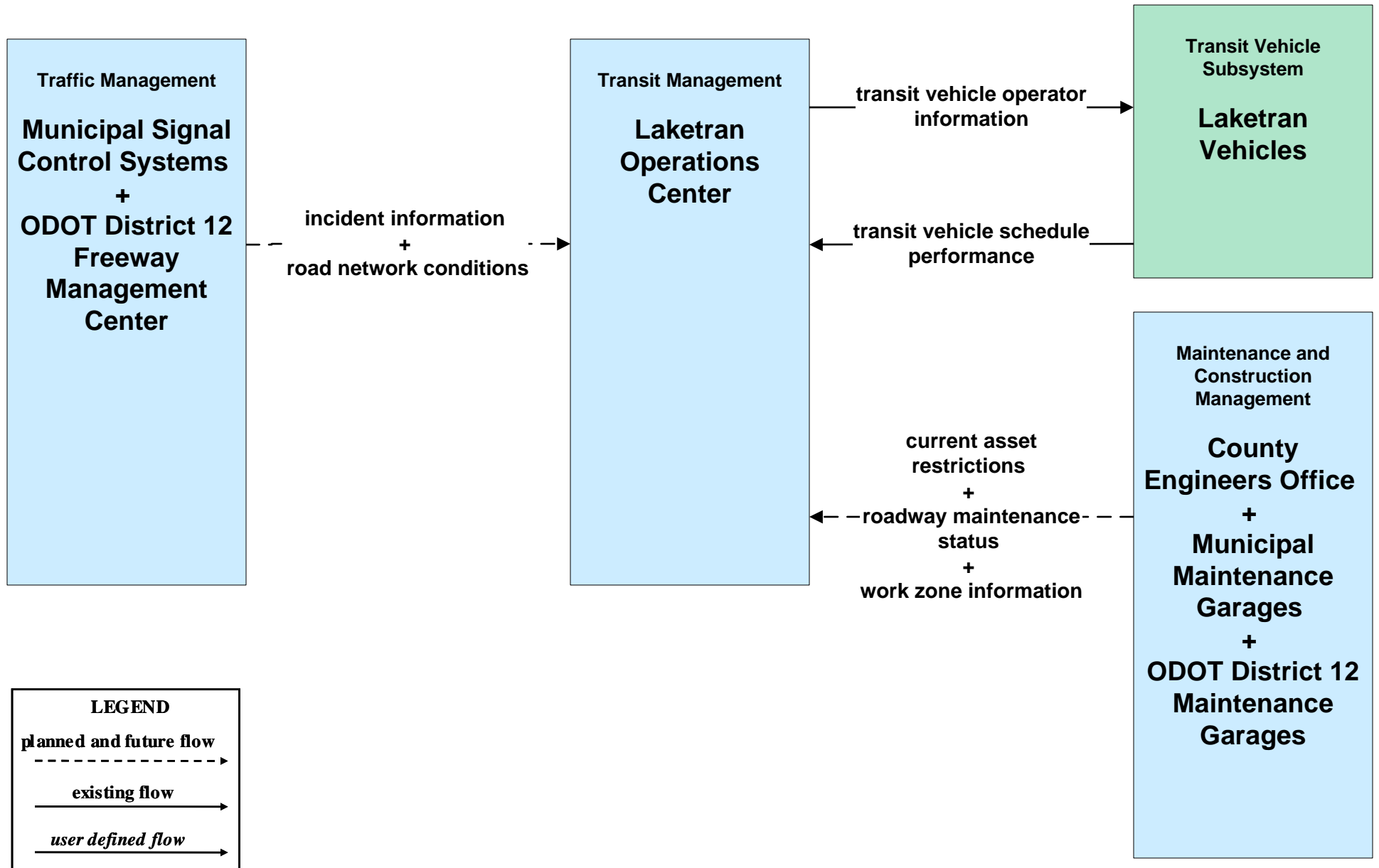
APTS01 - Transit Vehicle Tracking School Districts



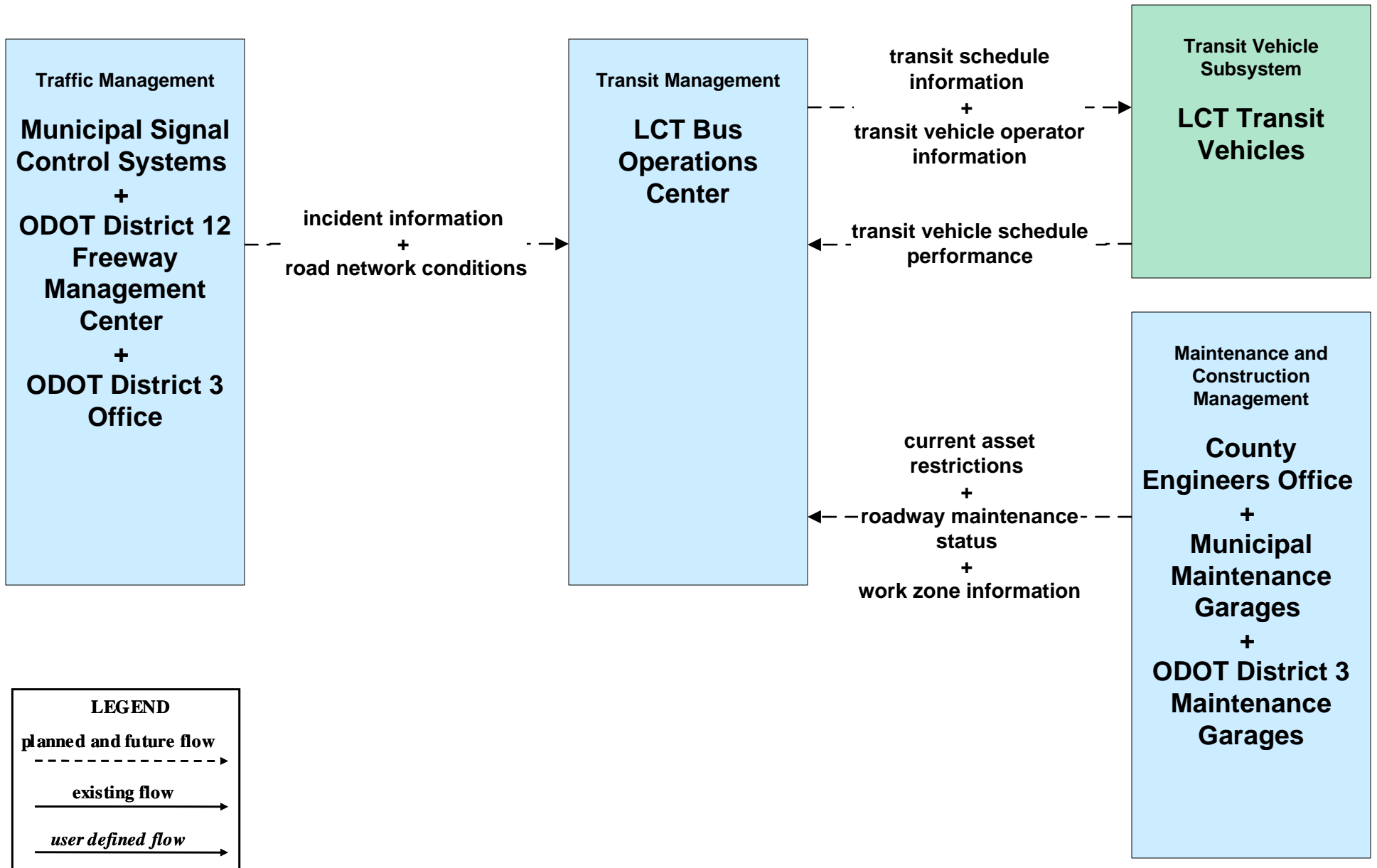
APTS02 - Transit Fixed-Route Operations GCRTA



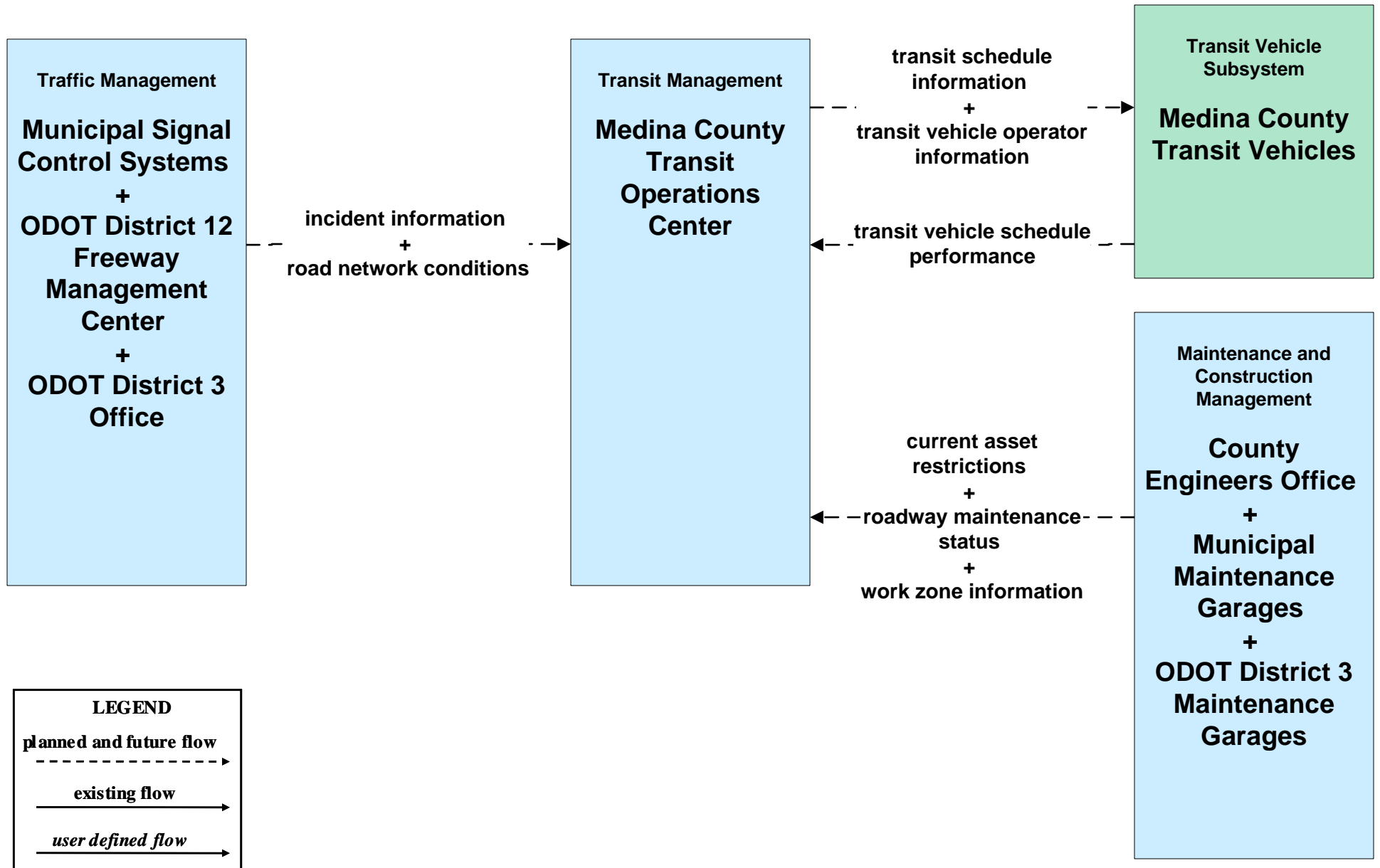
APTS02 - Transit Fixed-Route Operations Laketran



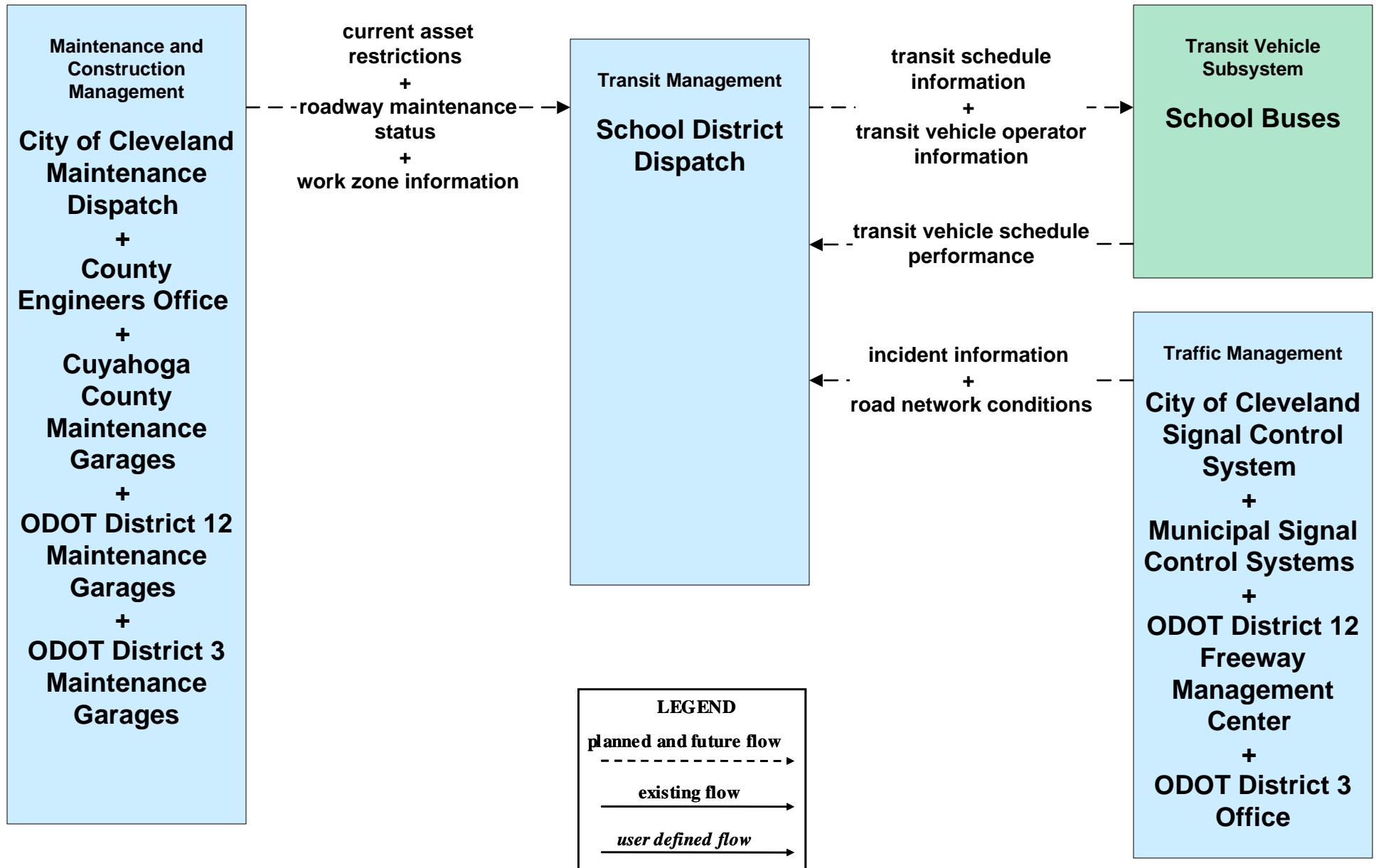
APTS02 - Transit Fixed-Route Operations Lorain County Transit



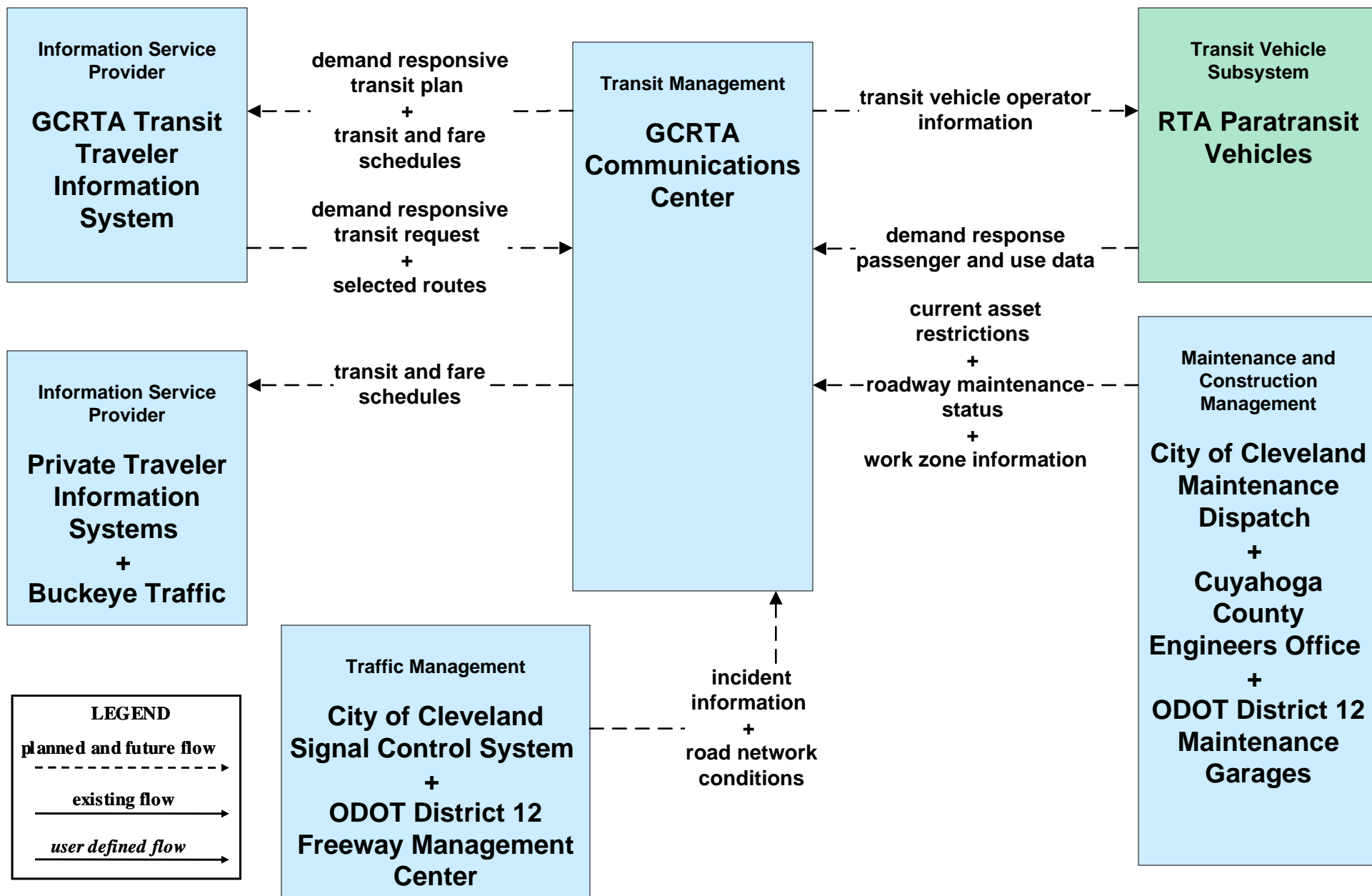
APTS02 - Transit Fixed-Route Operations Medina County Transit



APTS02 - Transit Fixed-Route Operations School Districts

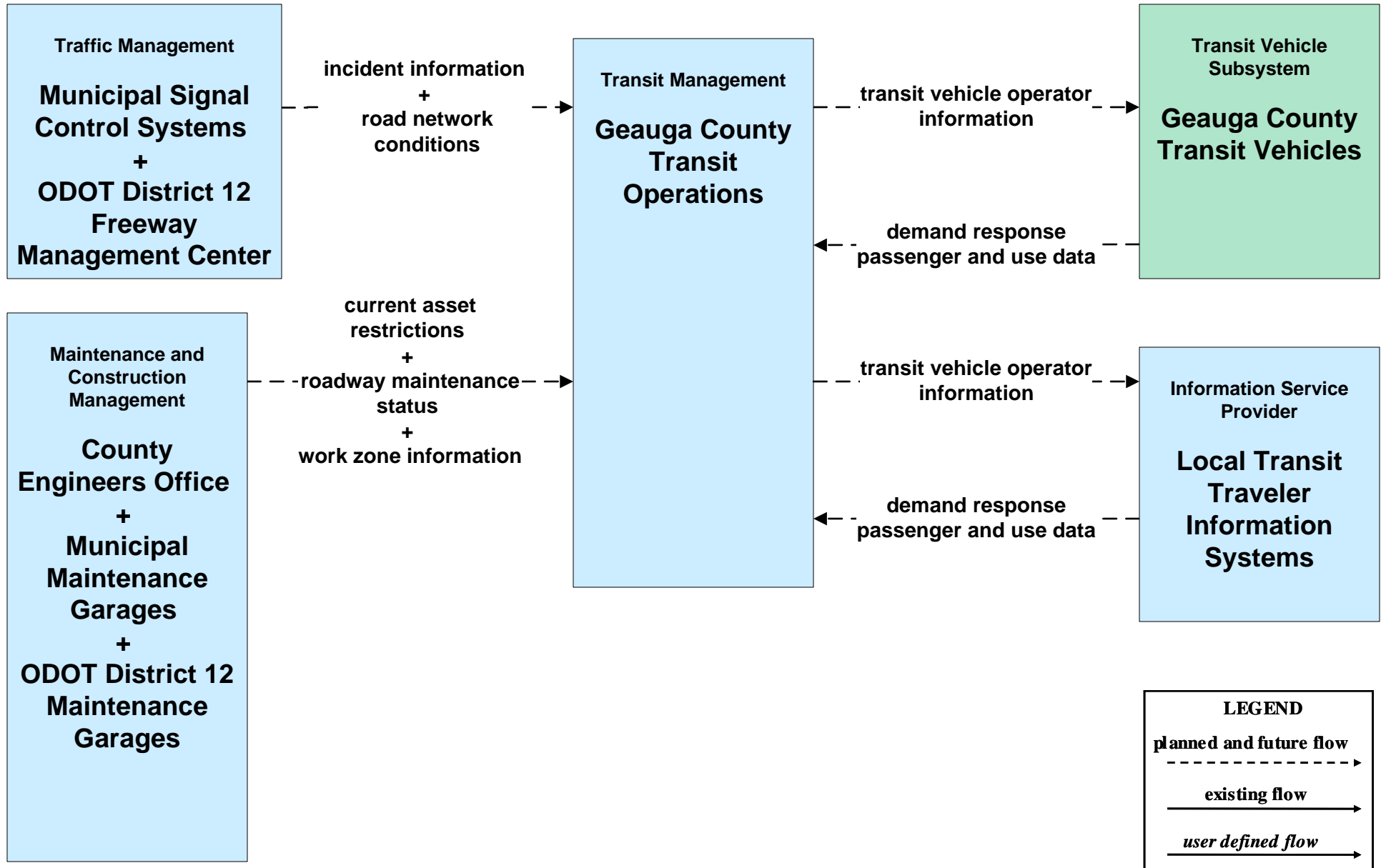


APTS03 - Demand Response Transit Operations GCRTA

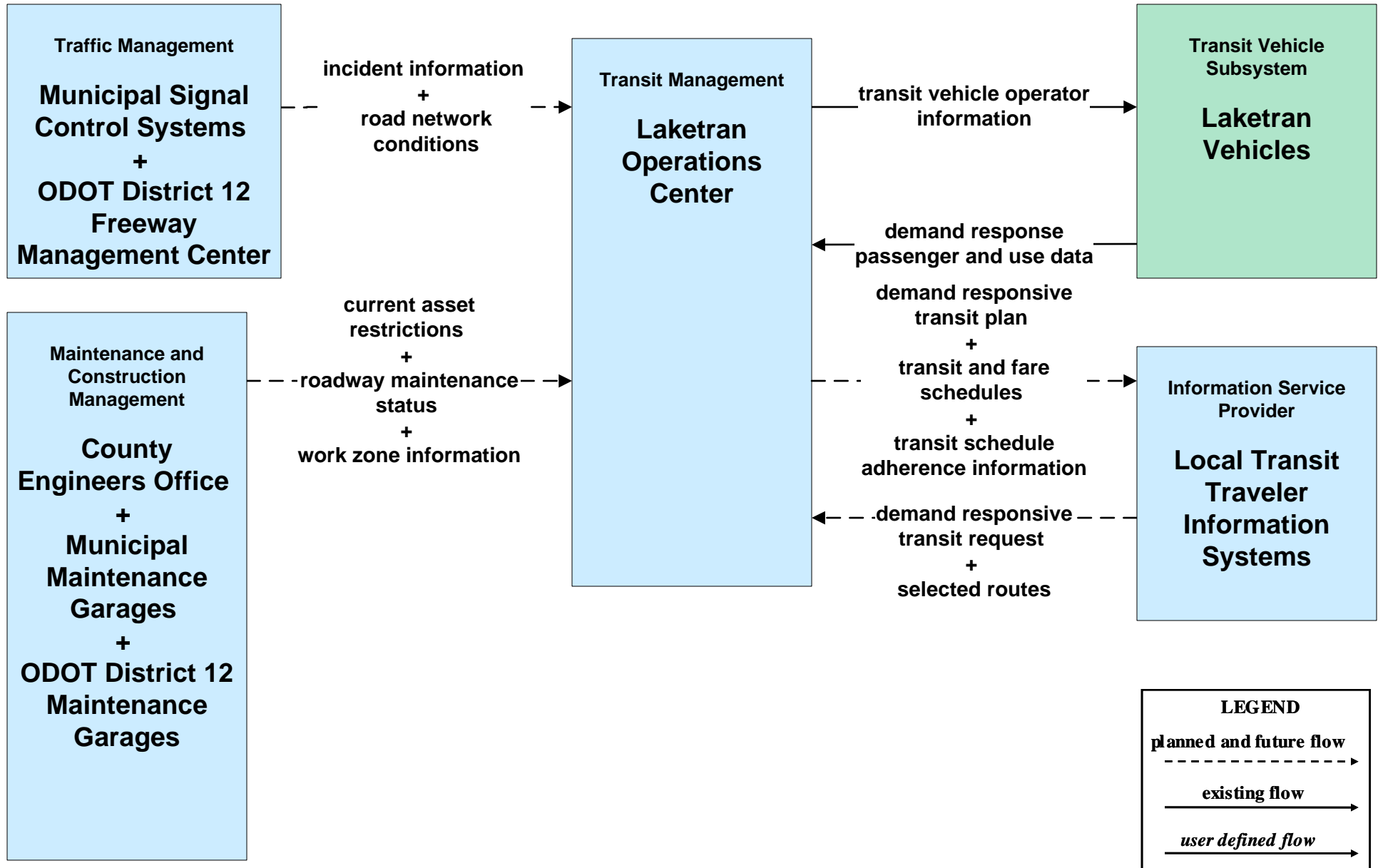


APTS03 - Demand Response Transit Operations

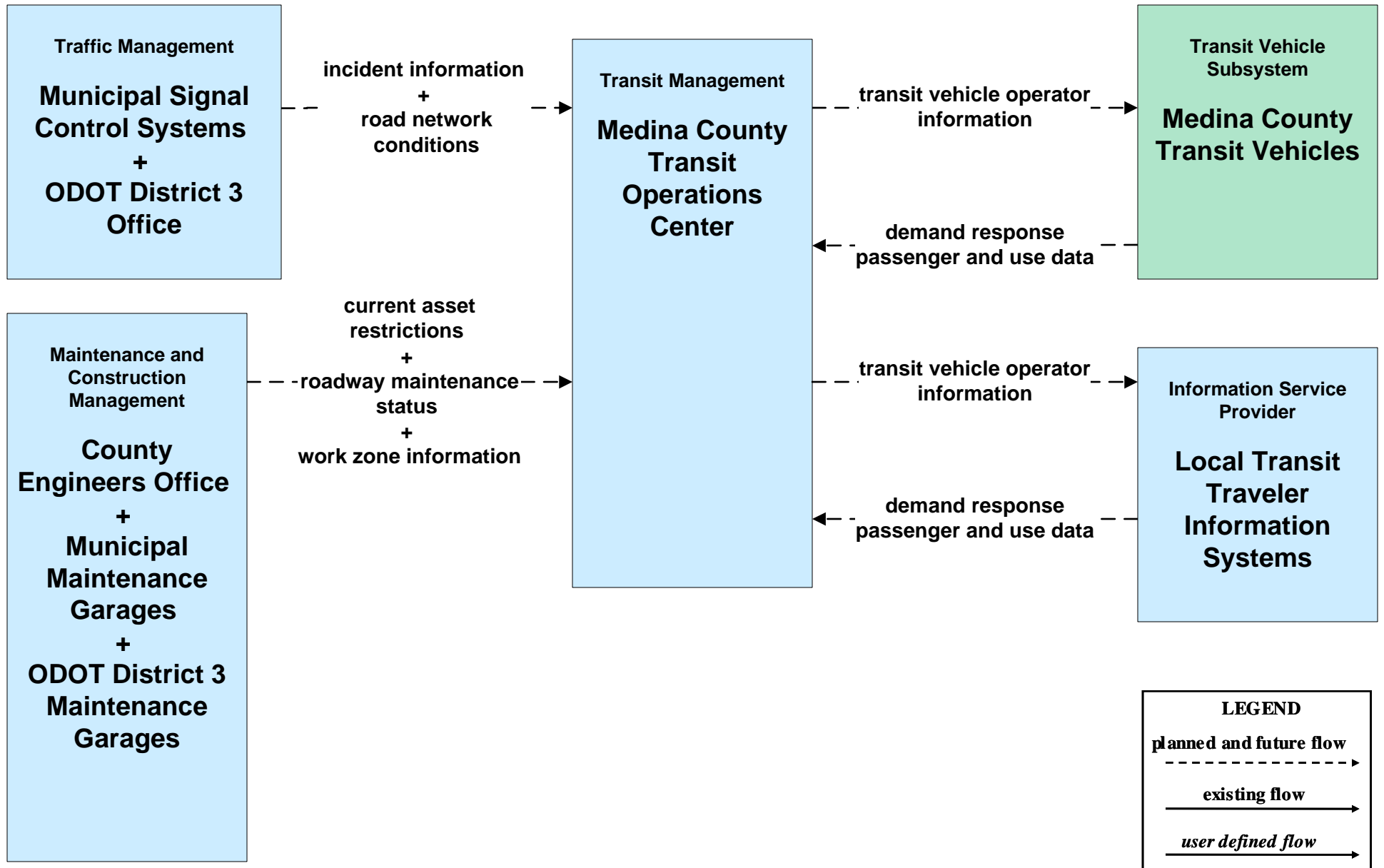
Geauga County Transit



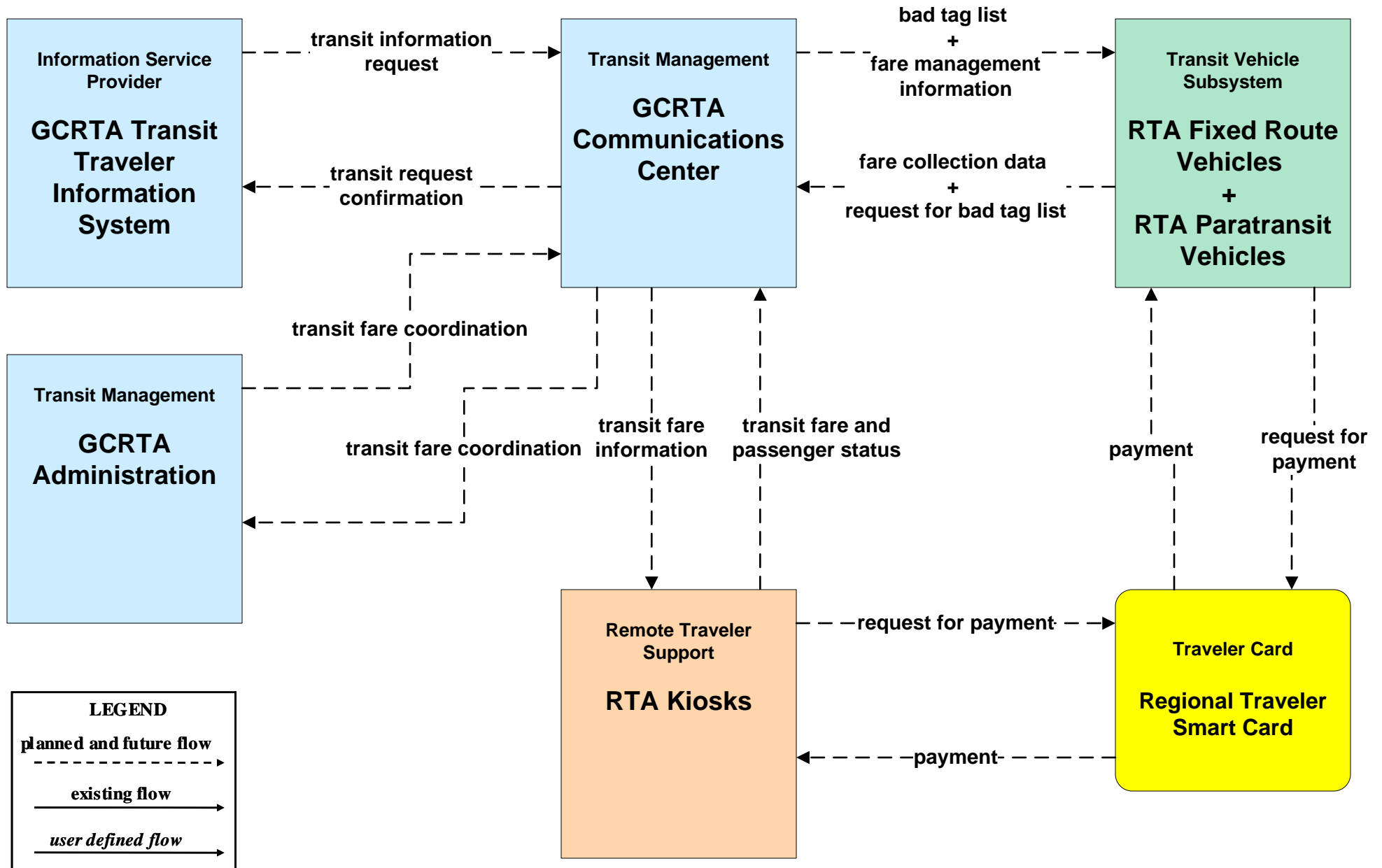
APTS03 - Demand Response Transit Operations Laketran



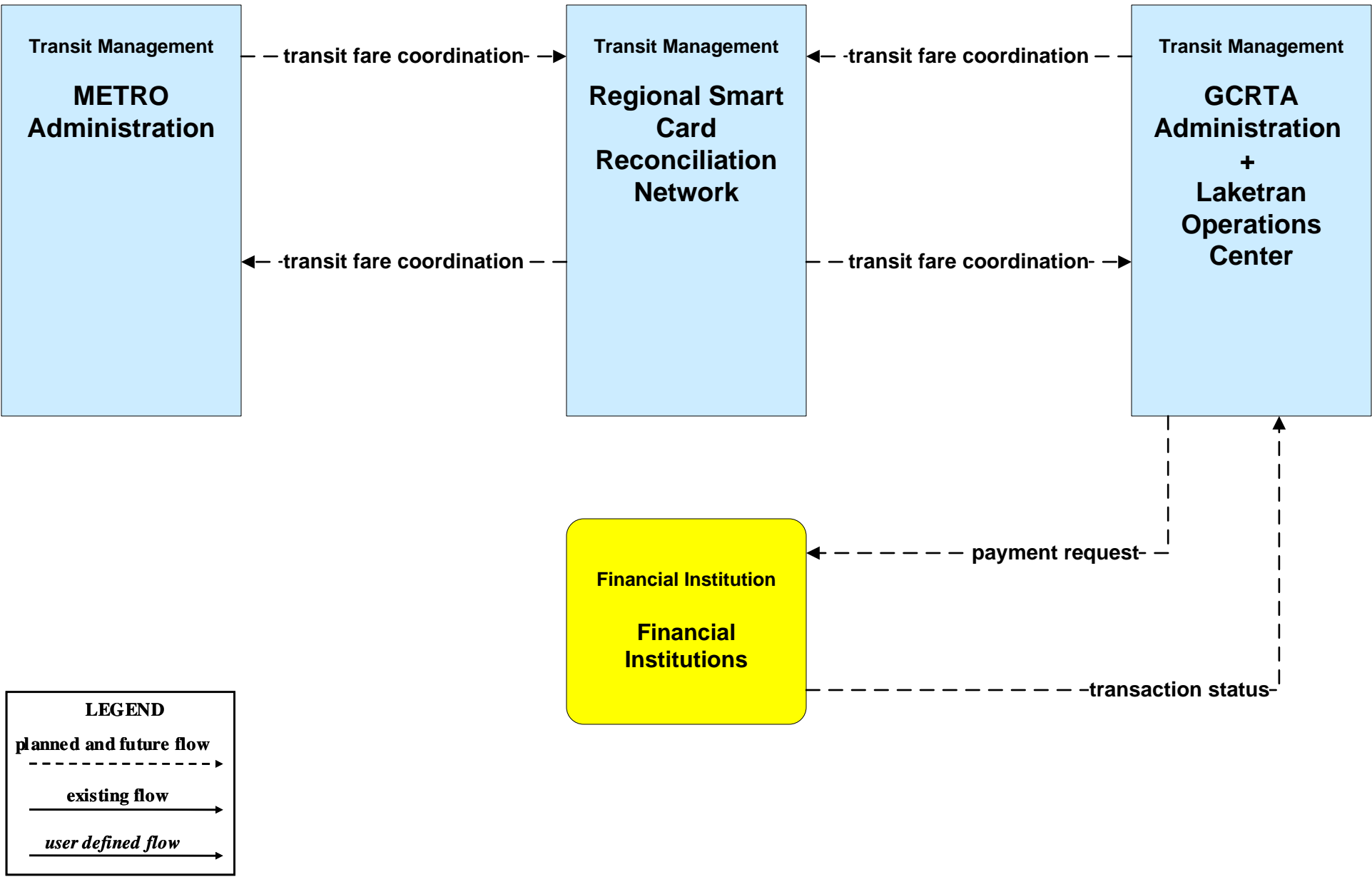
APTS03 - Demand Response Transit Operations Medina County Transit



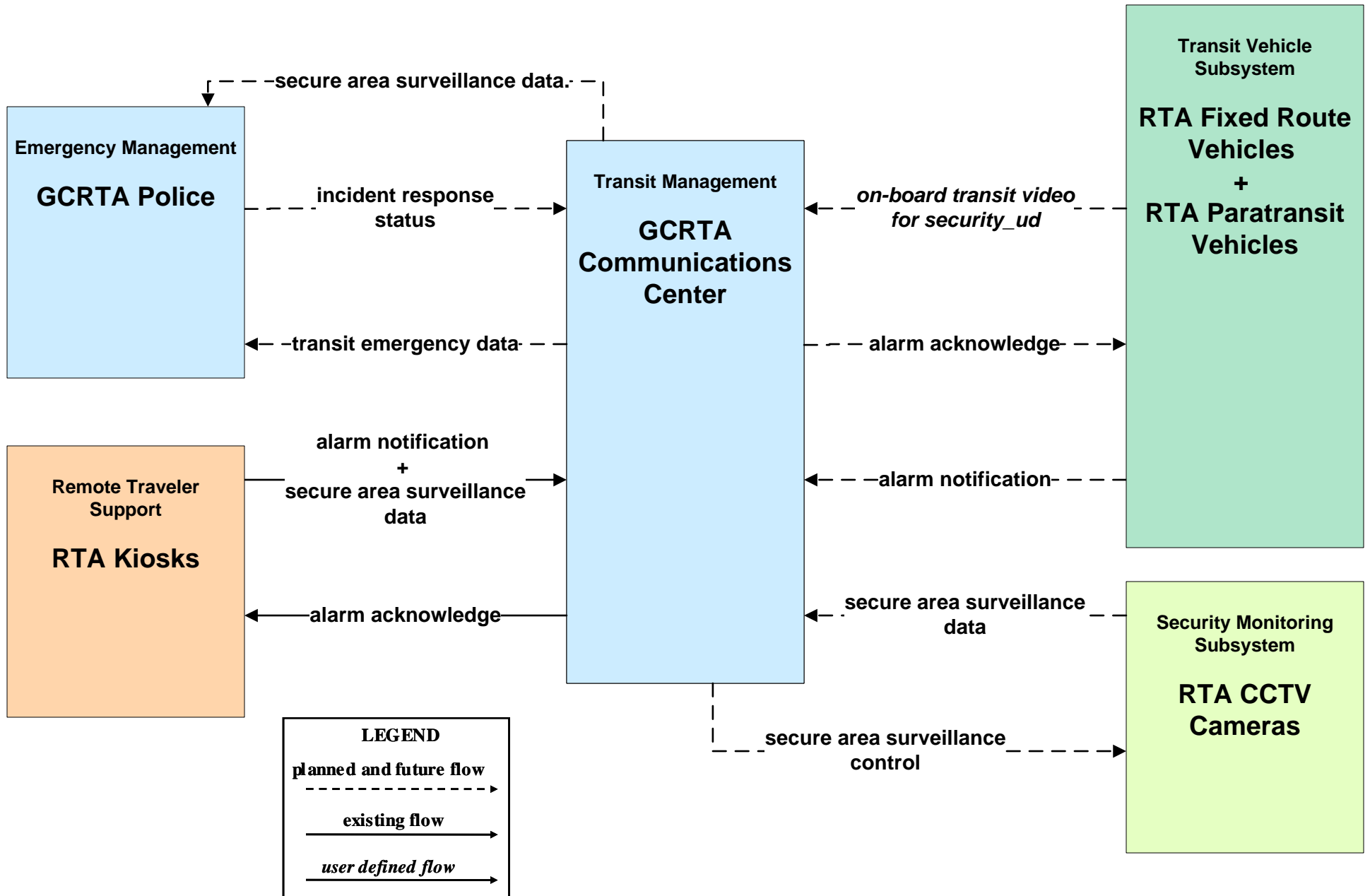
APTS04 - Transit Passenger and Fare Payment GCRTA



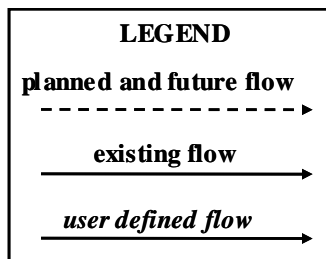
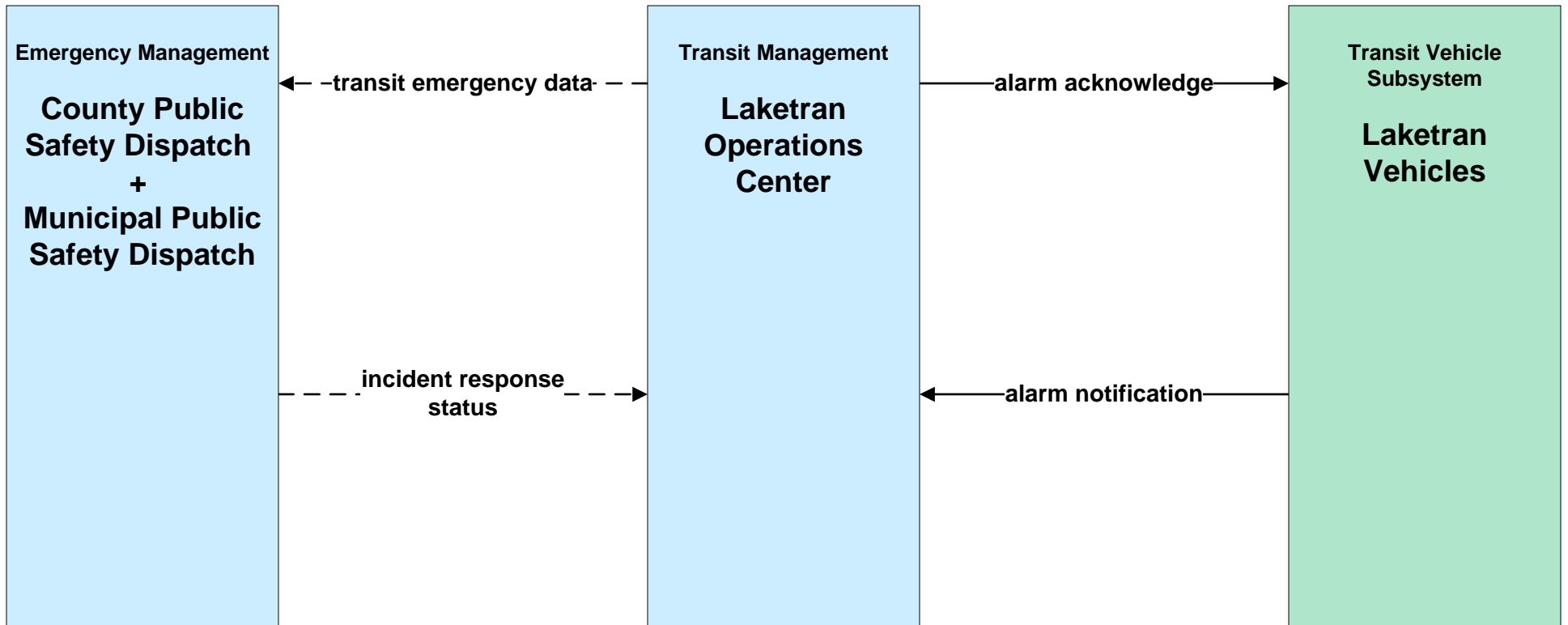
APTS04 - Transit Passenger and Fare Payment Regional Fare Reconciliation



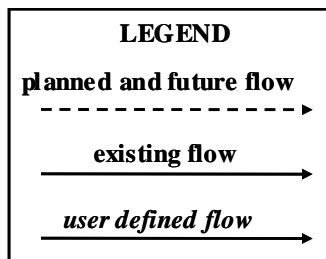
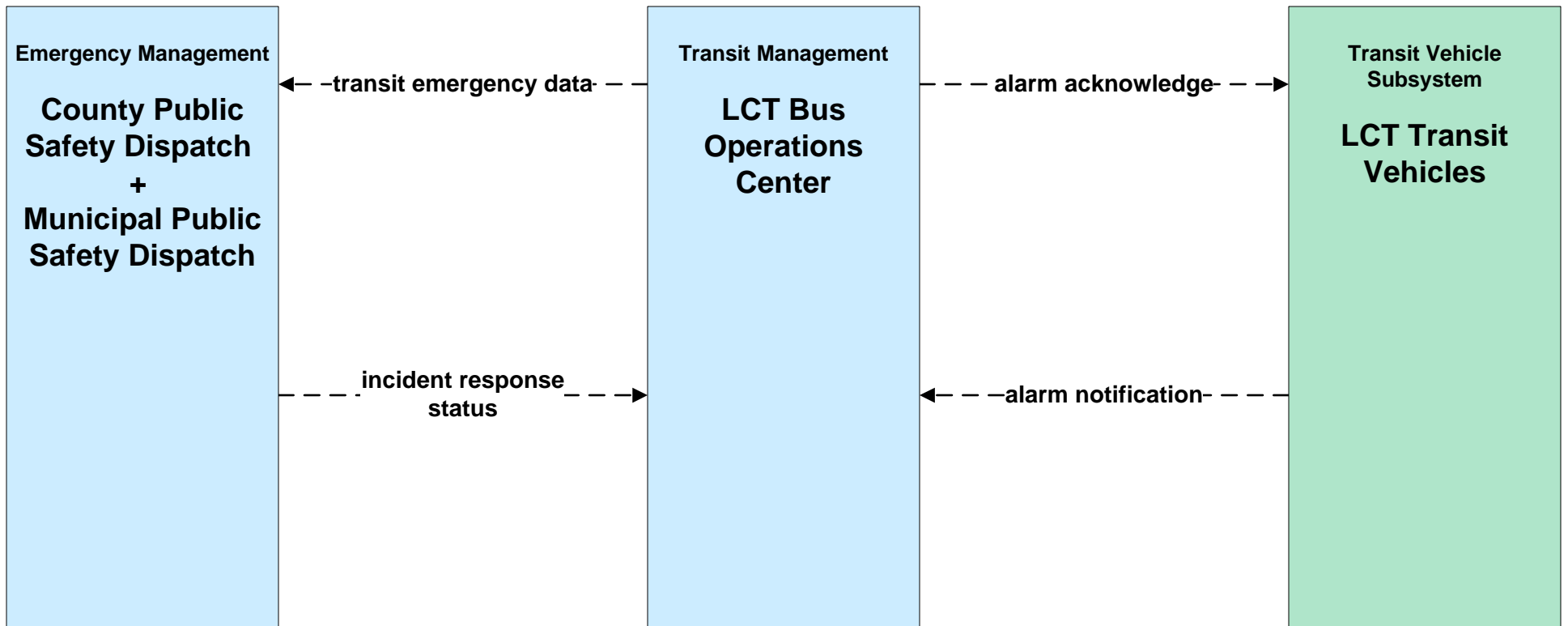
APTS05 - Transit Security GCRTA



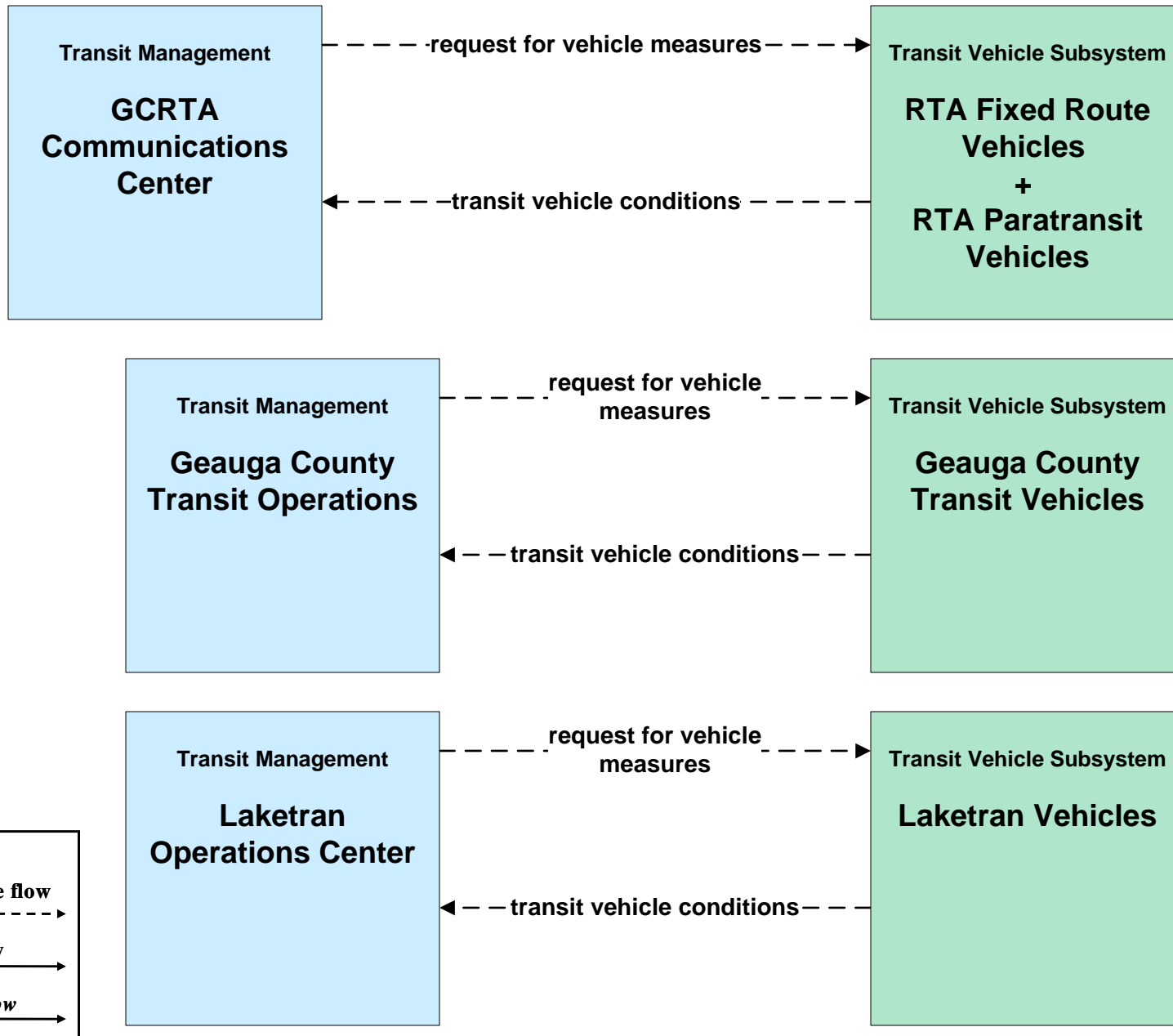
APTS05 - Transit Security Laketran



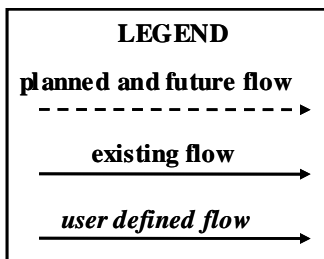
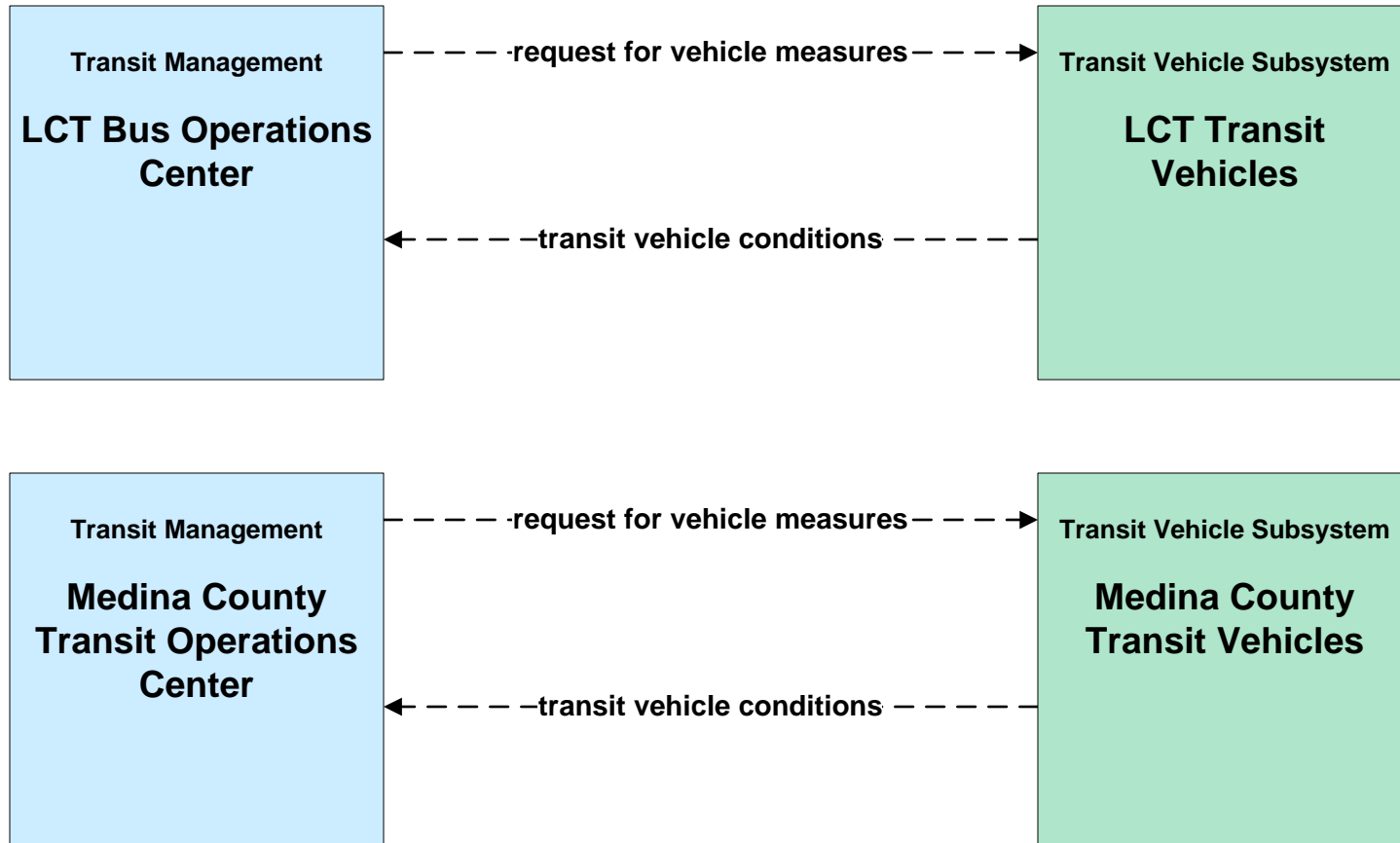
APTS05 - Transit Security Lorain County Transit



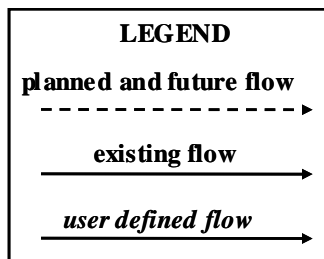
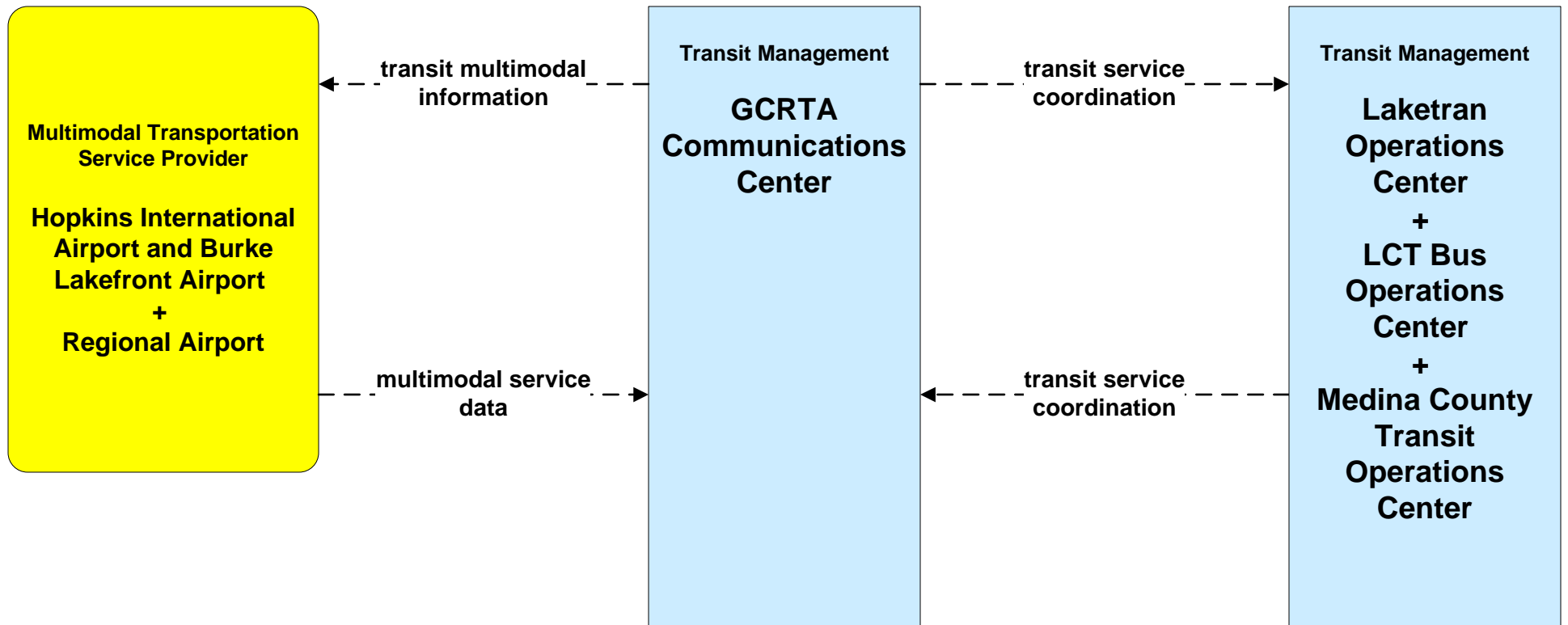
APTS06 - Transit Vehicle Maintenance
GCRTA / Geauga County / Laketran



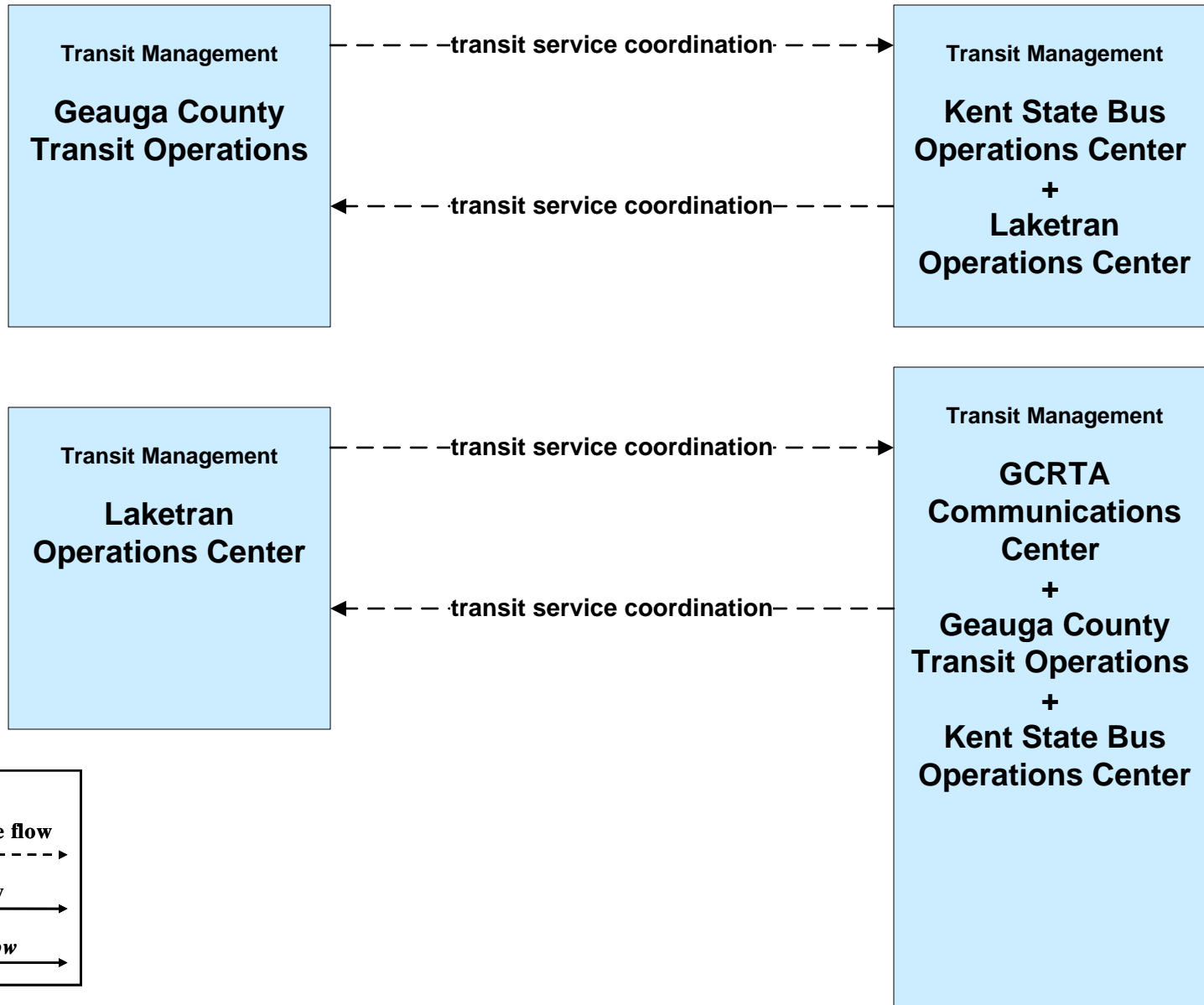
APTS06 - Transit Vehicle Maintenance
Lorain County Transit / Medina County Transit



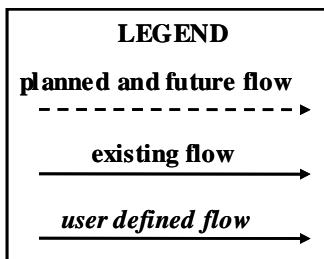
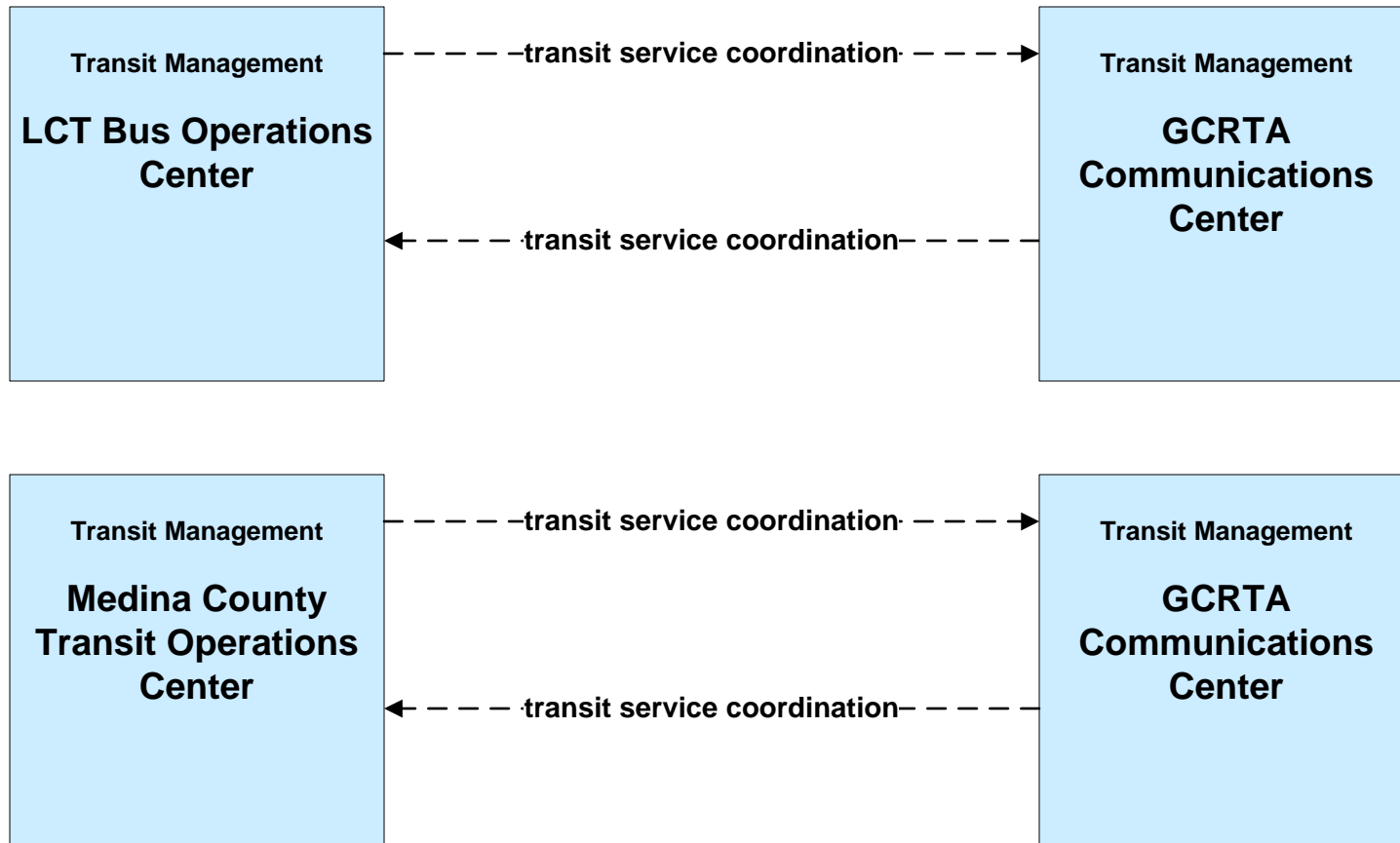
APTS07 - Multimodal Coordination GCRTA



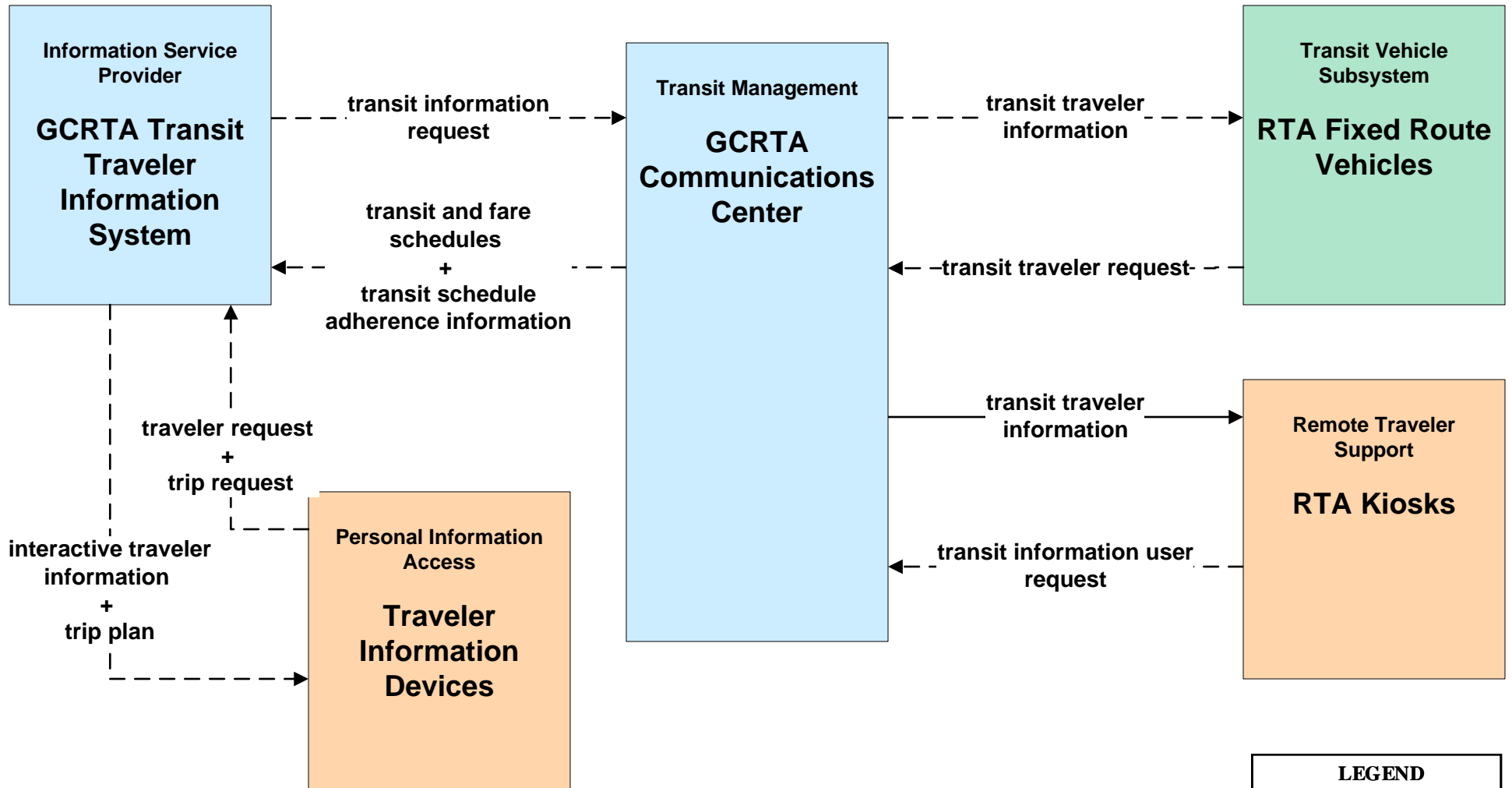
**APTS07 - Multimodal Coordination
Geauga County / Laketrans**



APTS07 - Multimodal Coordination
Lorain County Transit / Medina County Transit



APTS08 - Transit Traveler Information GCRTA



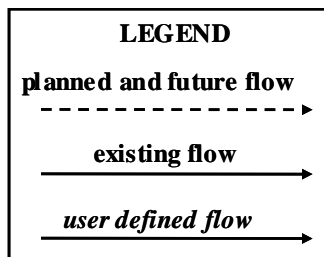
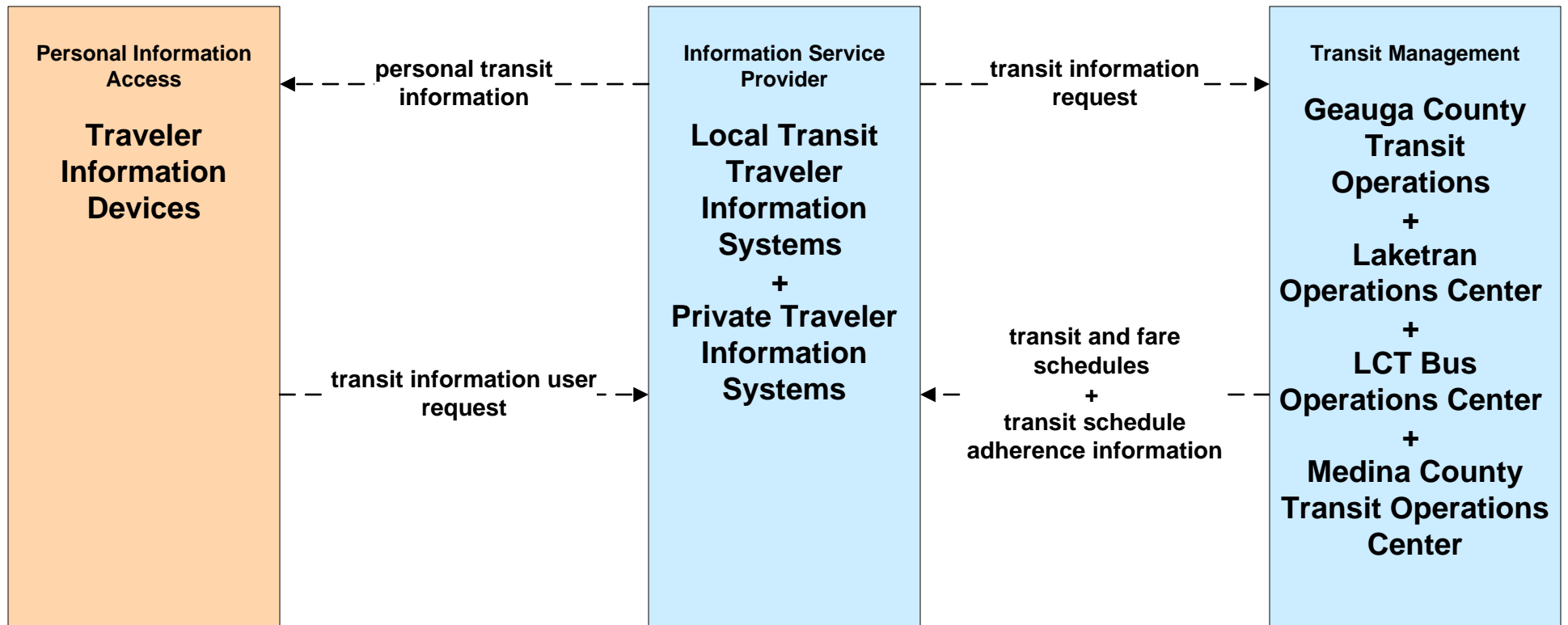
LEGEND

planned and future flow

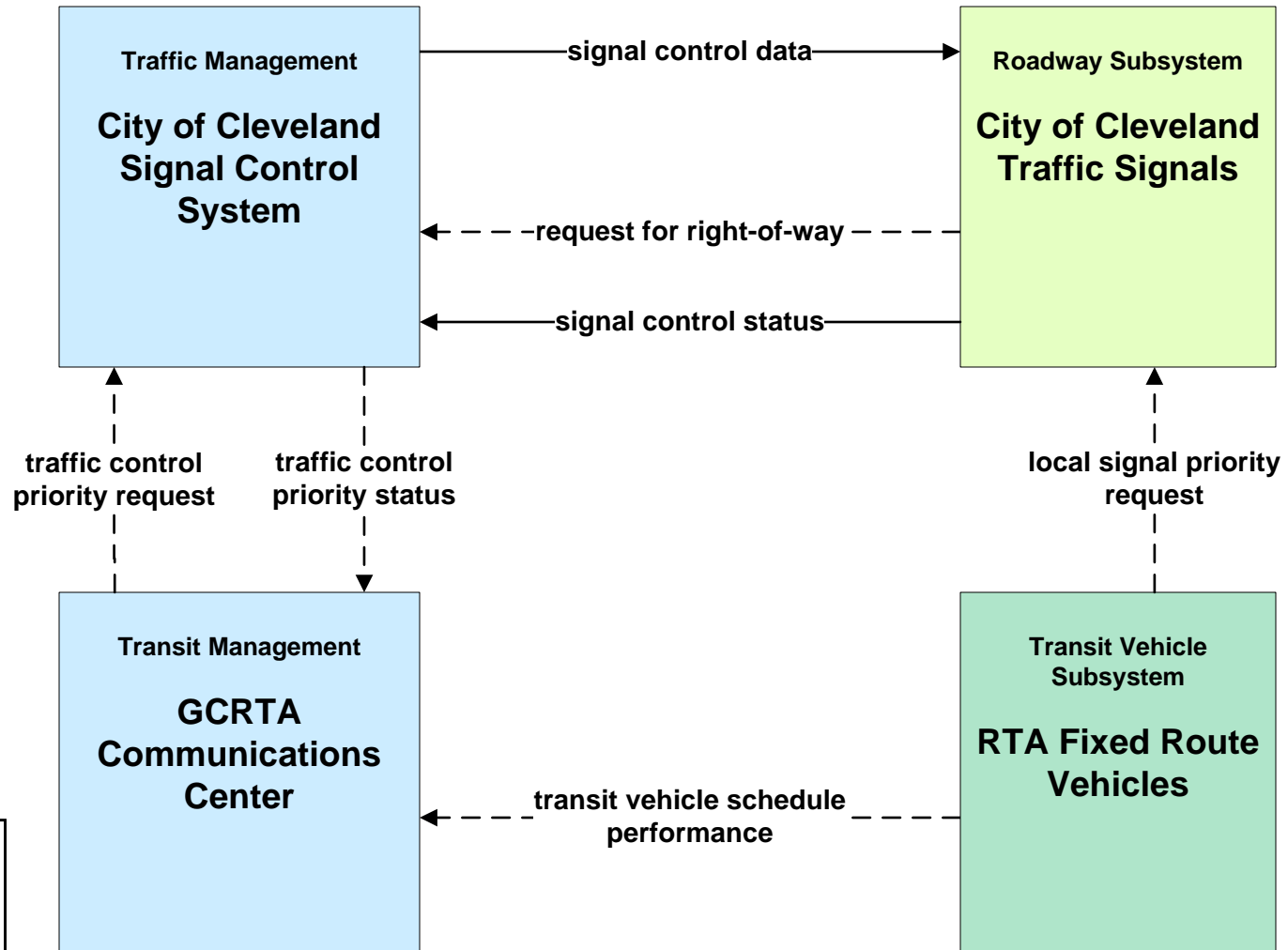
existing flow

user defined flow

APTS08 - Transit Traveler Information Local Transit Traveler Information Systems

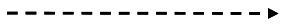


APTS09 - Traffic Signal Priority GCRTA (1 of 2)



LEGEND

planned and future flow



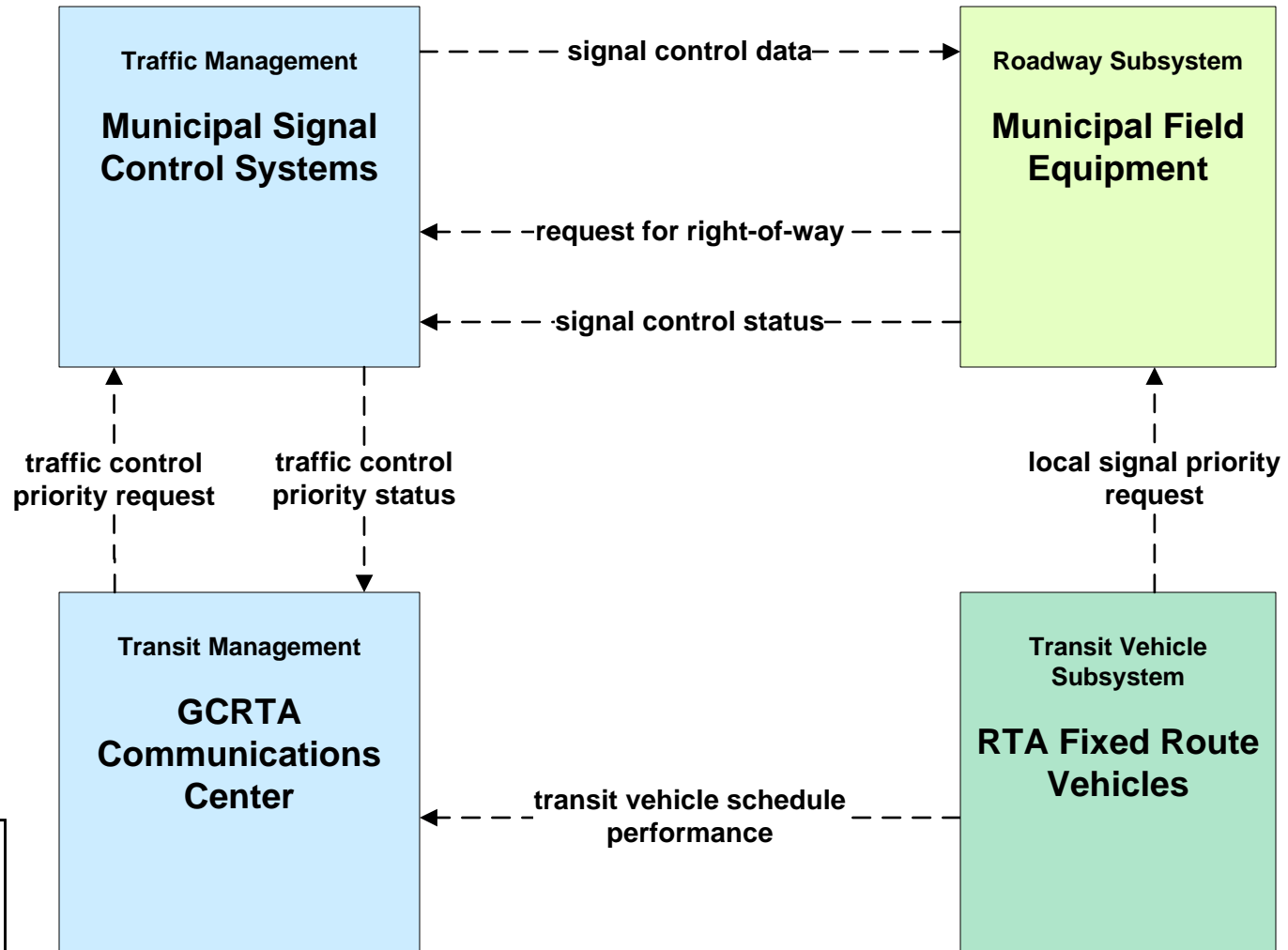
existing flow



user defined flow

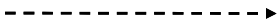


APTS09 - Traffic Signal Priority GCRTA (2 of 2)



LEGEND

planned and future flow



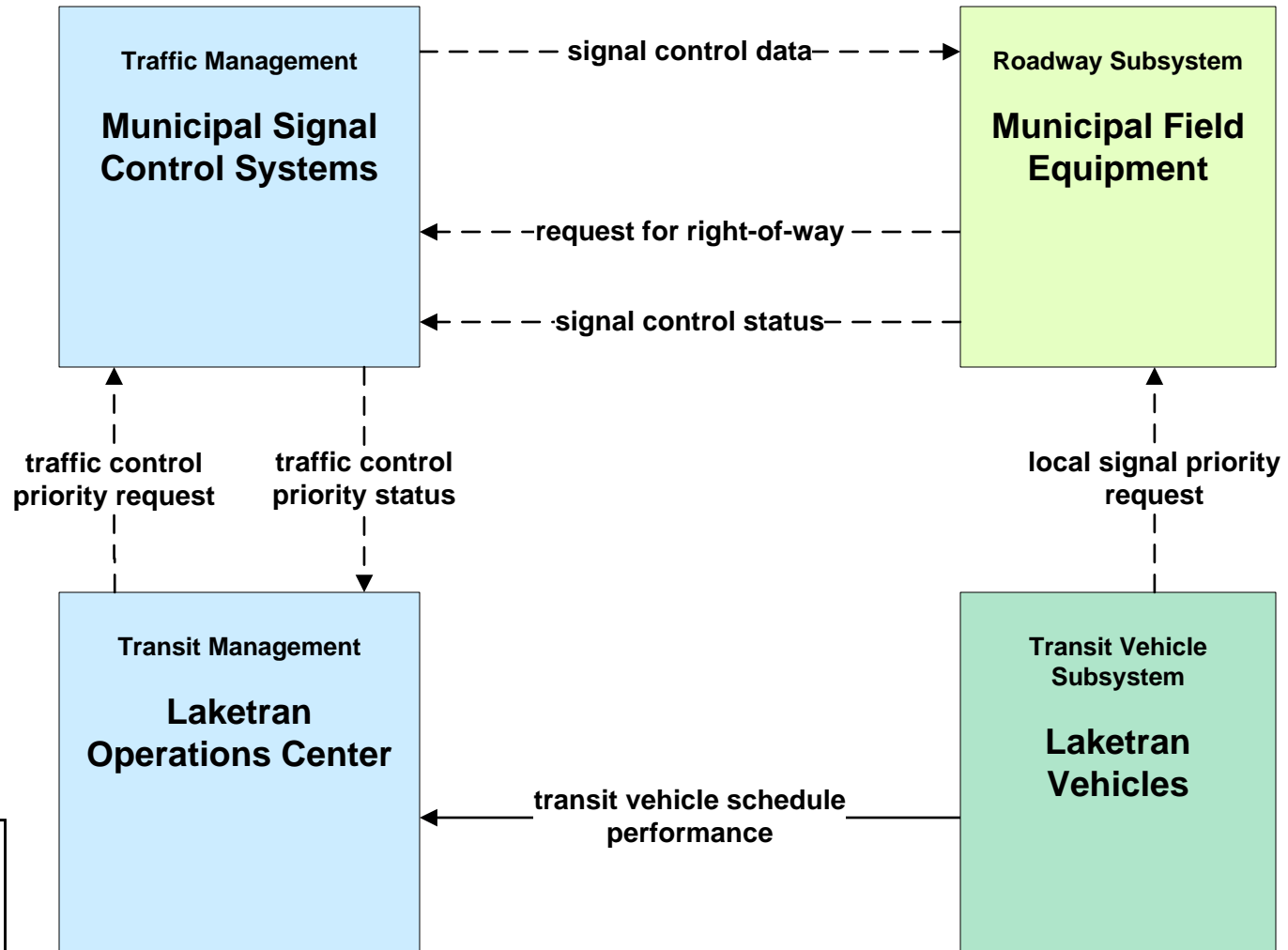
existing flow



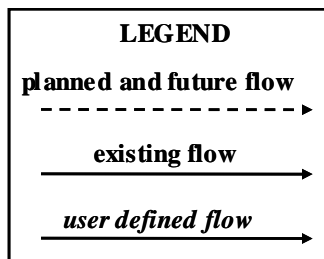
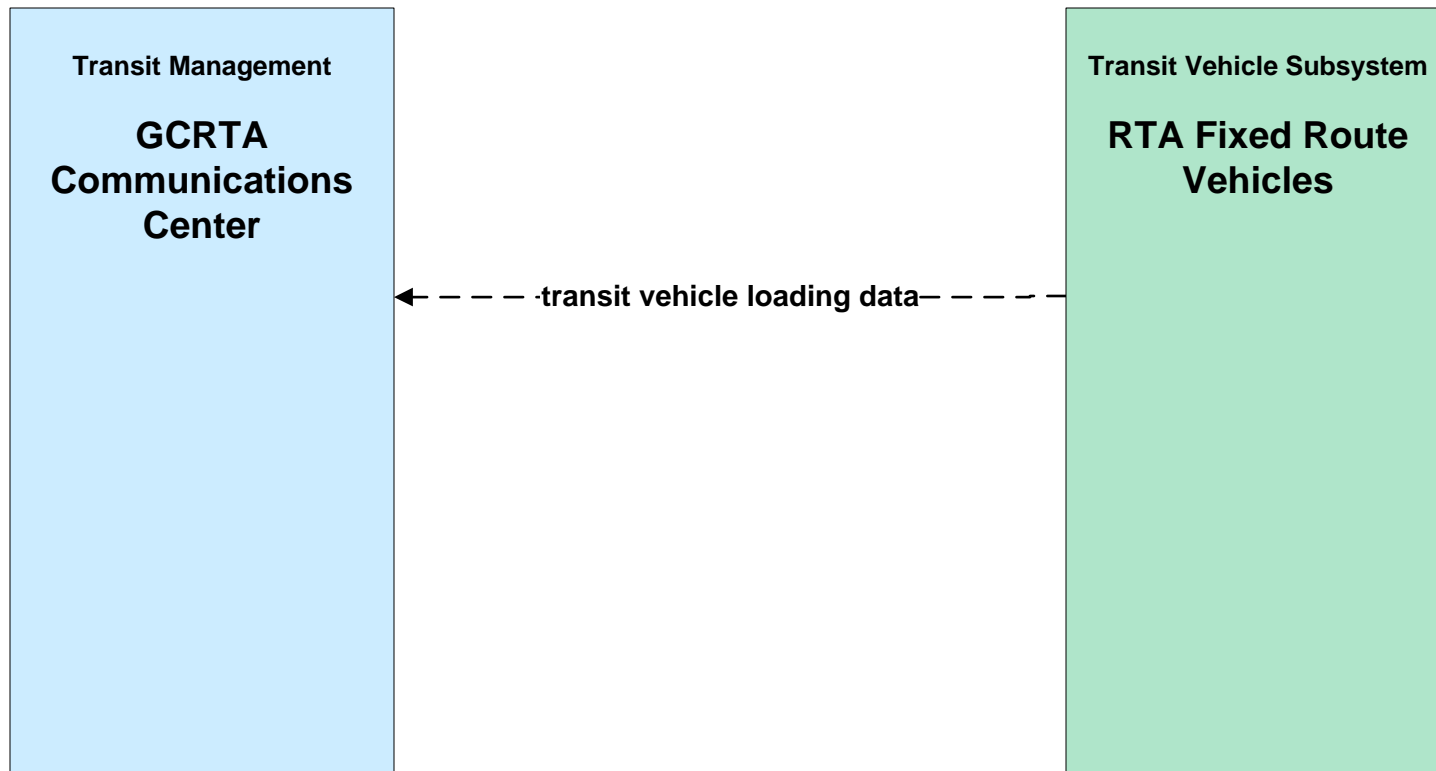
user defined flow



APTS09 - Traffic Signal Priority Laketran



APTS10 – Transit Passenger Counting GCRTA



APTS10 – Transit Passenger Counting Laketran

