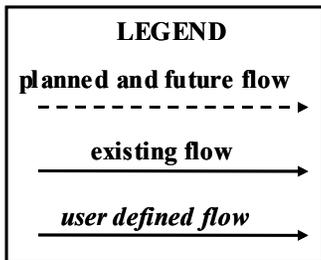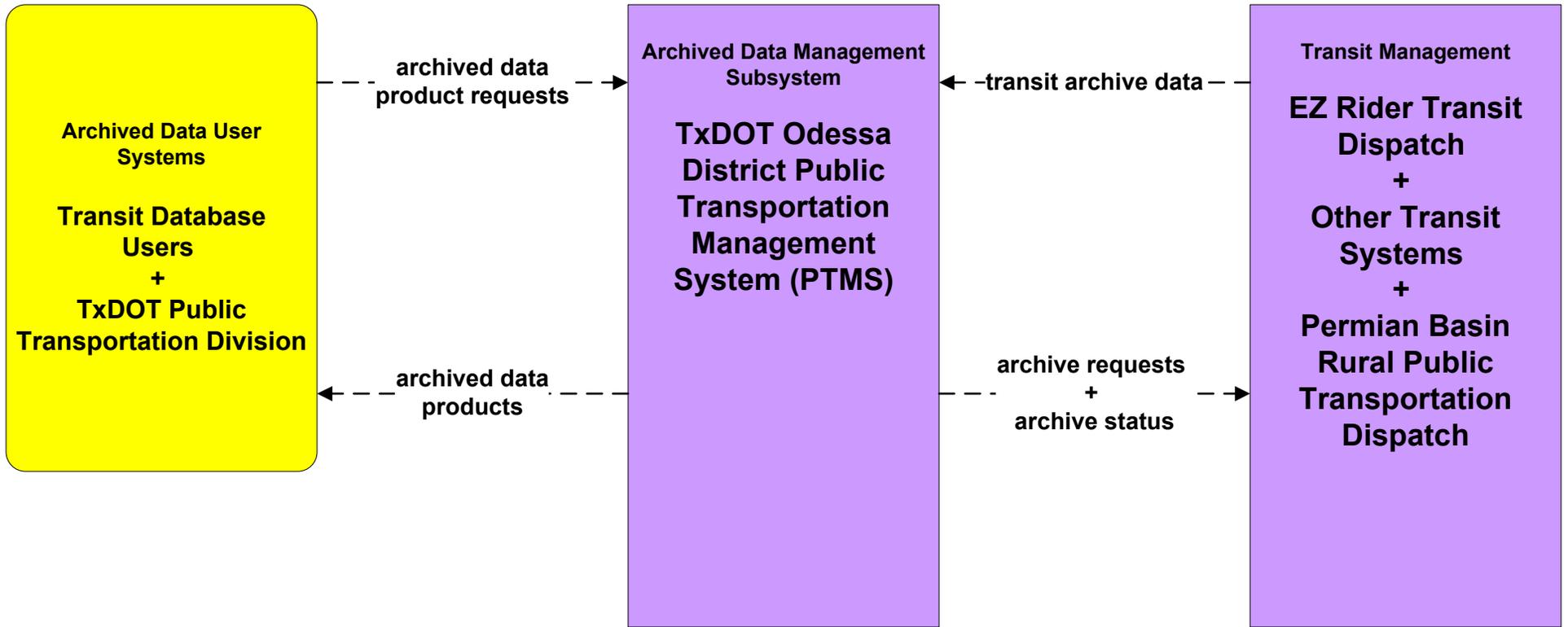# Permian Basin Regional ITS Architecture
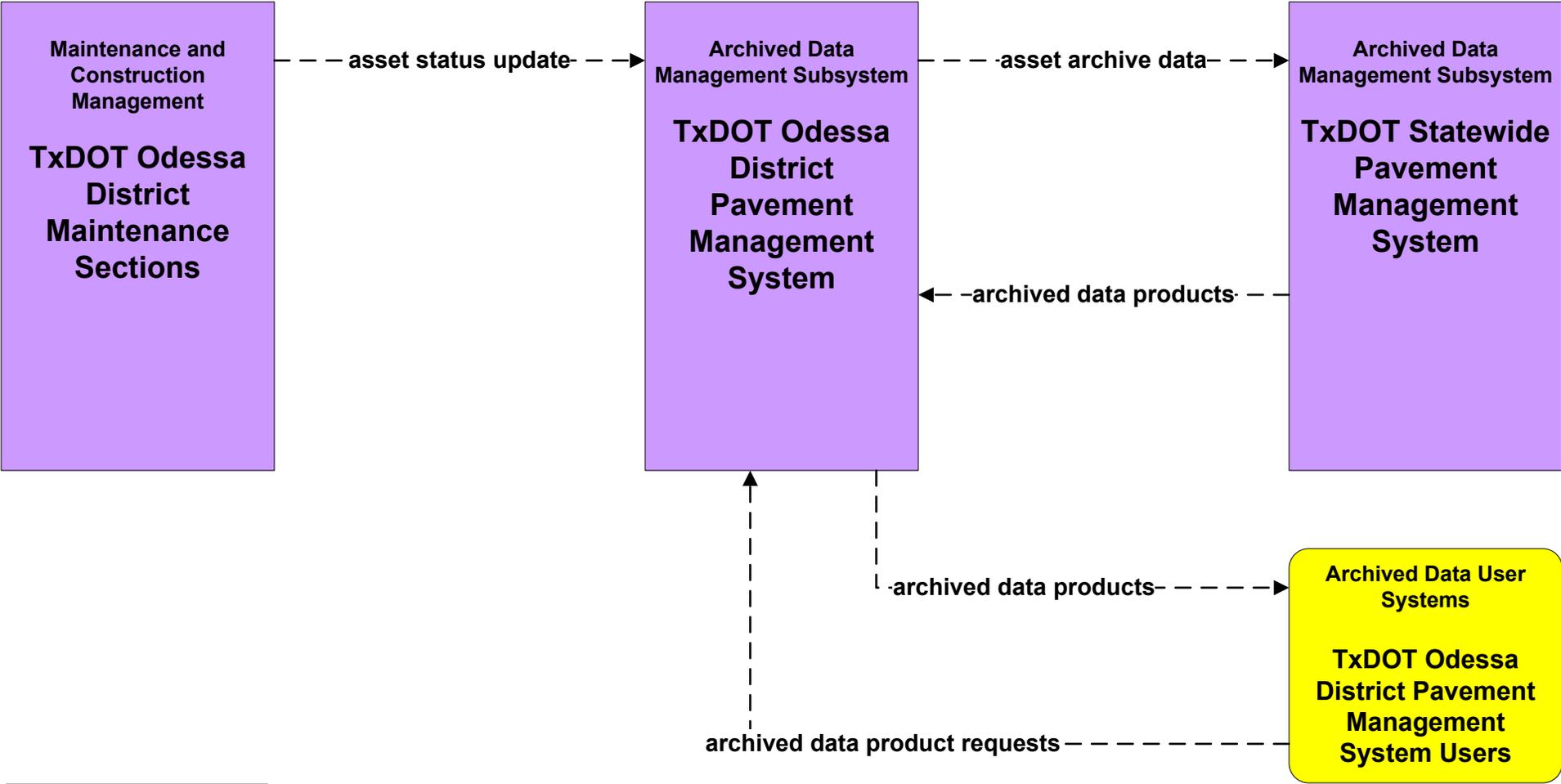
Customized Market Package Diagrams

Archived Data (AD)

AD1 - ITS Data Mart
TxDOT Odessa District Public Transportation Management System

Archived Data User Systems

Transit Database Users
+
TxDOT Public Transportation Division

archived data product requests →

Archived Data Management Subsystem

TxDOT Odessa District Public Transportation Management System (PTMS)

← –transit archive data – –

Transit Management

EZ Rider Transit Dispatch
+
Other Transit Systems
+
Permian Basin Rural Public Transportation Dispatch

← archived data products

archive requests
+
archive status →

LEGEND

planned and future flow - - - →

existing flow ——→

user defined flow ——→

AD1 - ITS Data Mart
TxDOT Odessa District Pavement Management

Maintenance and Construction Management

TxDOT Odessa District Maintenance Sections

— asset status update — →

Archived Data Management Subsystem

TxDOT Odessa District Pavement Management System

— asset archive data — →

Archived Data Management Subsystem

TxDOT Statewide Pavement Management System

← — archived data products — —

— archived data products — — — →

Archived Data User Systems

TxDOT Odessa District Pavement Management System Users

archived data product requests — — — — —

Users include:
Transportation Planners
TxDOT
Federal Highway Administration
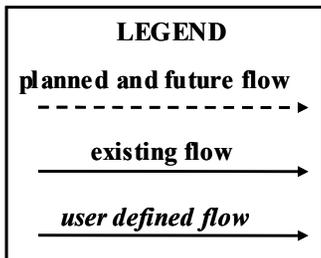**Public Requests**

LEGEND

planned and future flow — — — — →

existing flow ——————→

user defined flow ——————→

AD1 - ITS Data Mart
Statewide Crash Records Information System

Emergency Management

City of Midland Public Safety Communications
+
City of Odessa Public Safety Communications
+
DPS Administration
+
Municipal Public Safety Dispatch

Archived Data Management Subsystem

Statewide Crash Records Information System

— — emergency archive data — →

archive requests
+
archive status

←- - - - -

LEGEND

planned and future flow
- - - - - - - - →

existing flow
———————→

user defined flow
———————→
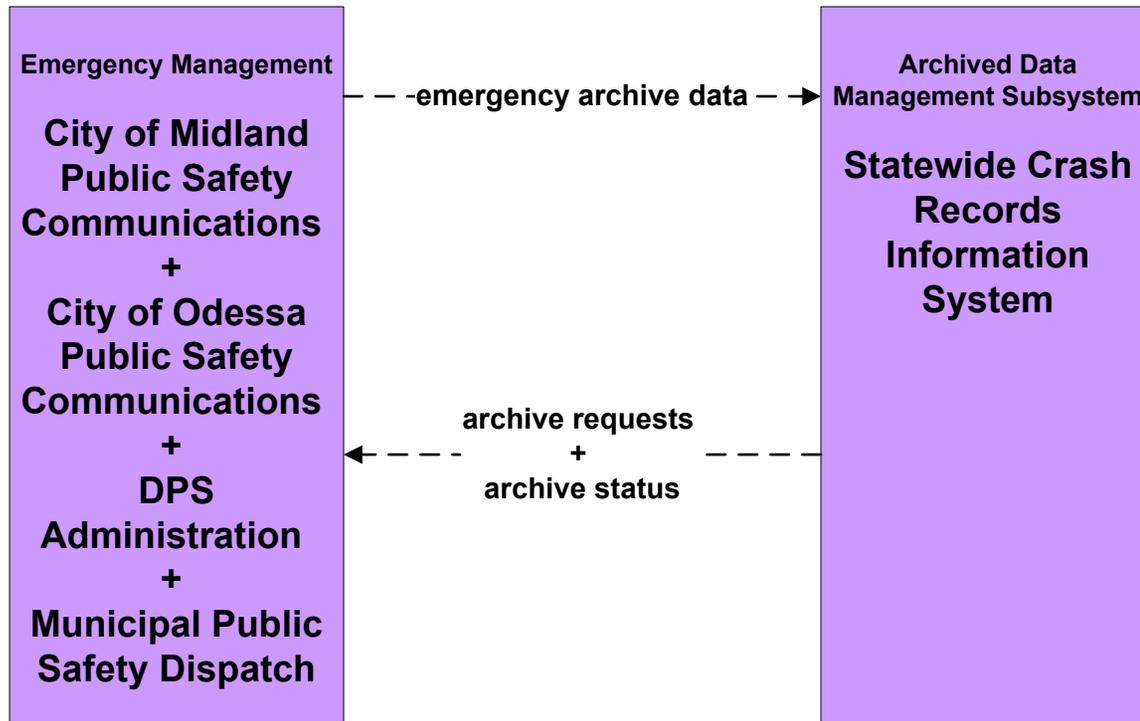
AD1 - ITS Data Mart
City of Midland Accidents Database

Emergency Management

City of Midland Public Safety Communications

Archived Data Management Subsystem

City of Midland Accident Database

Archived Data User Systems

Crash Records Users

emergency archive data →

— archived data products — →

← archived data product requests

archive requests
+
archive status
←

LEGEND

planned and future flow
– – – – – – – – – – →

existing flow
————————→

user defined flow
————————→
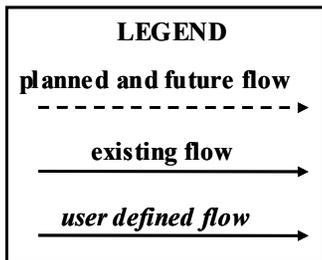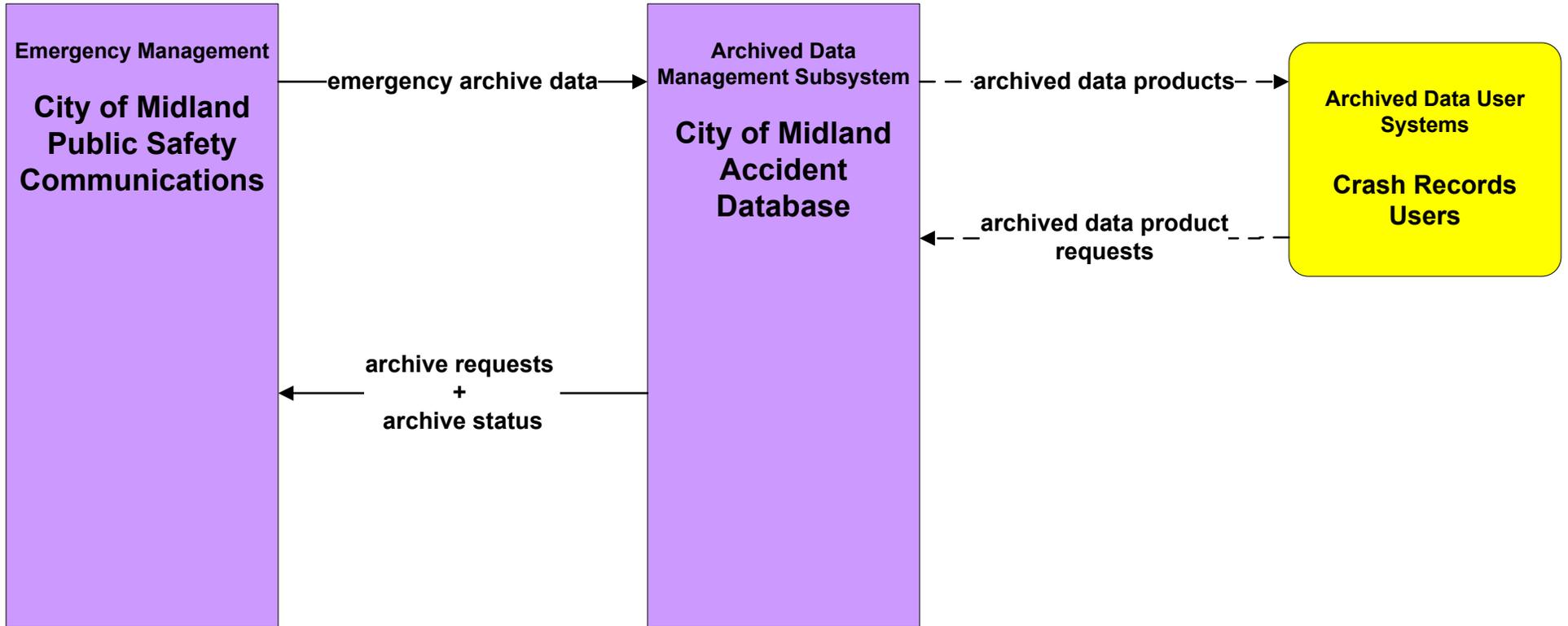
AD1 - ITS Data Mart
City of Odessa Accidents Database

Emergency Management

City of Odessa Public Safety Communications

—emergency archive data→

Archived Data Management Subsystem

City of Odessa Accident Database

– – archived data products– – →

Archived Data User Systems

Crash Records Users

←– – archived data product requests – – –

←—— archive requests + archive status

LEGEND

planned and future flow
– – – – – – – – – →

existing flow
————————→

user defined flow
————————→

AD1 - ITS Data Mart
Transit Databases

Transit Management

EZ Rider Transit Dispatch

— transit archive data — →

Archived Data Management Subsystem

EZ Rider Transit Ridership Database

— archived data products — →

Archived Data User Systems

Transit Database Users

archive requests
+
archive status
←

archived data product requests
←

Transit Management

Permian Basin Rural Public Transportation Dispatch

— transit archive data — →

Archived Data Management Subsystem

Permian Basin Transit Ridership Database

— archived data products — →

Archived Data User Systems

Transit Database Users

archive requests
+
archive status
←

archived data product requests
←

LEGEND

planned and future flow
- - - - - - - →

existing flow
———————→

user defined flow
———————→