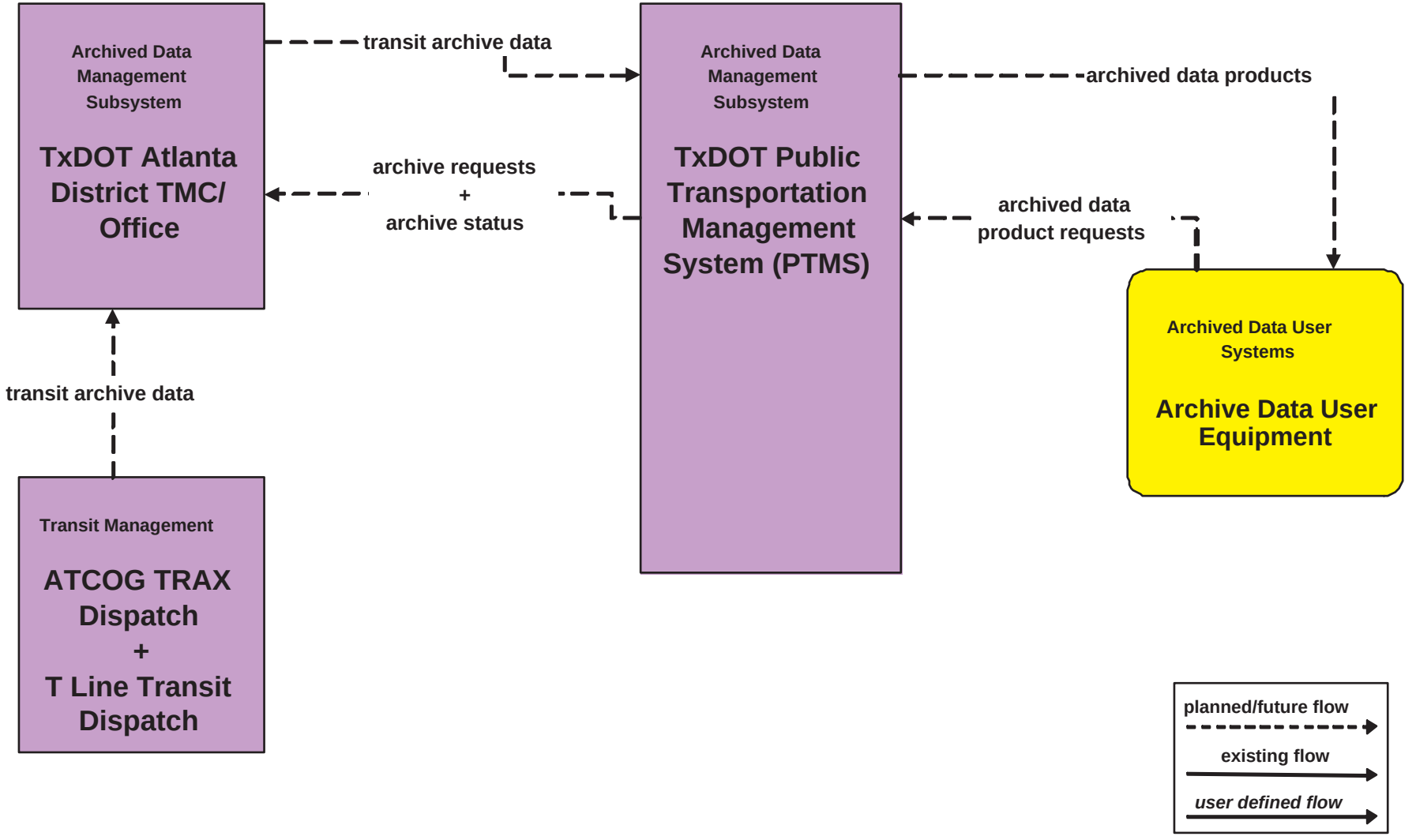
Atlanta, TX Regional ITS Architecture

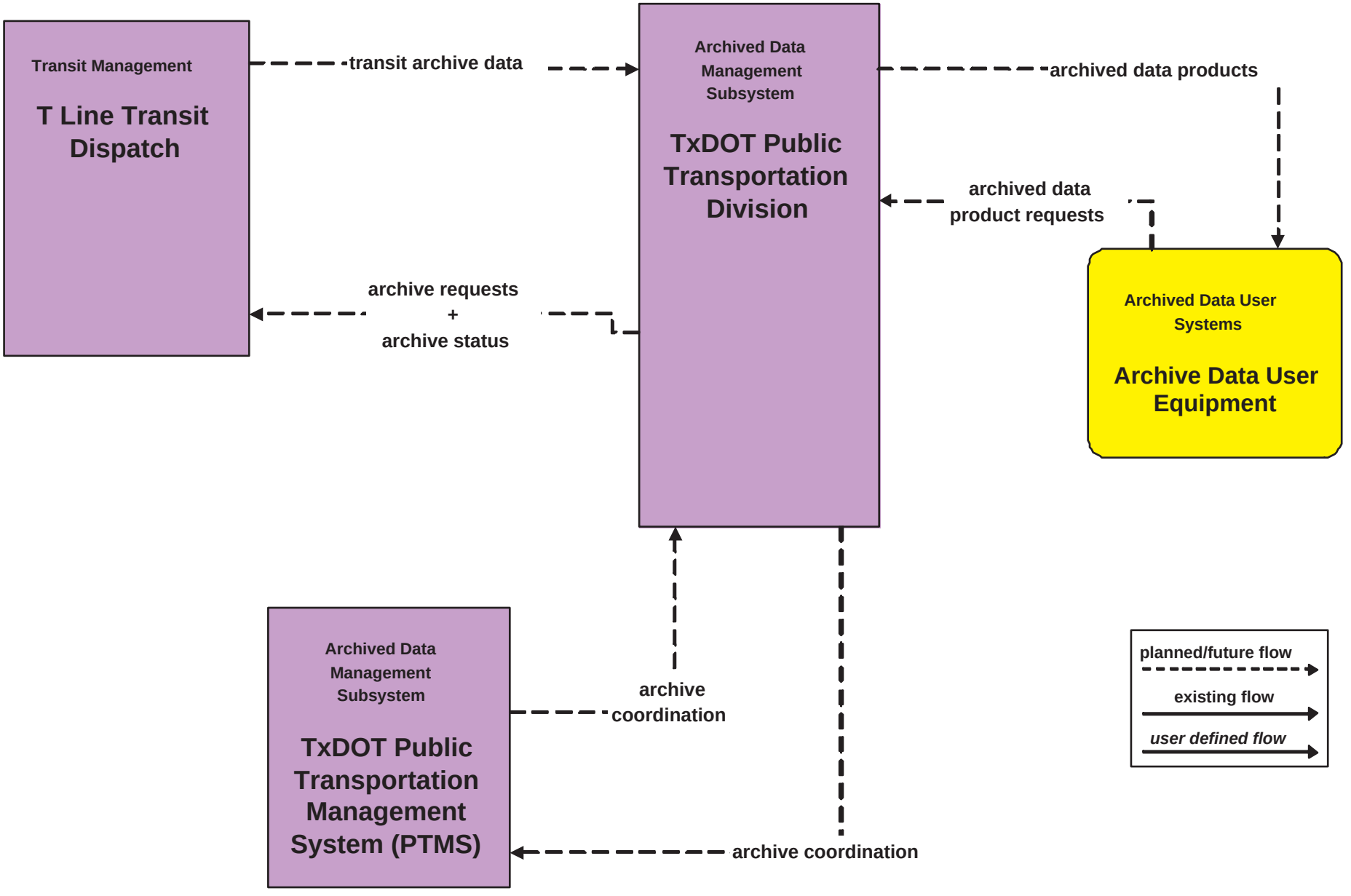
Customized Market Package Diagrams

Archived Data (AD)

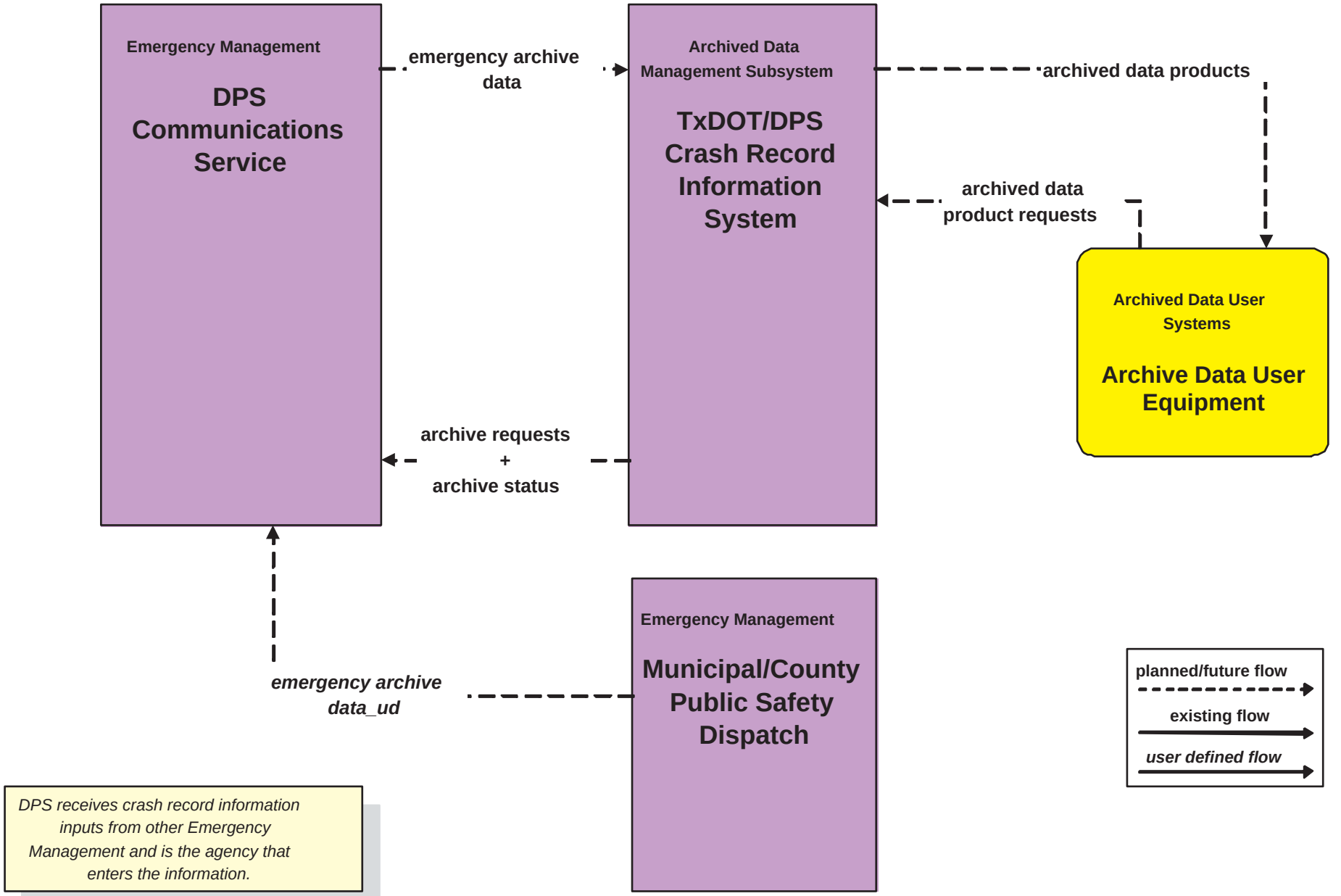
AD1 - ITS Data Mart
TxDOT Public Transportation Management System (PTMS)



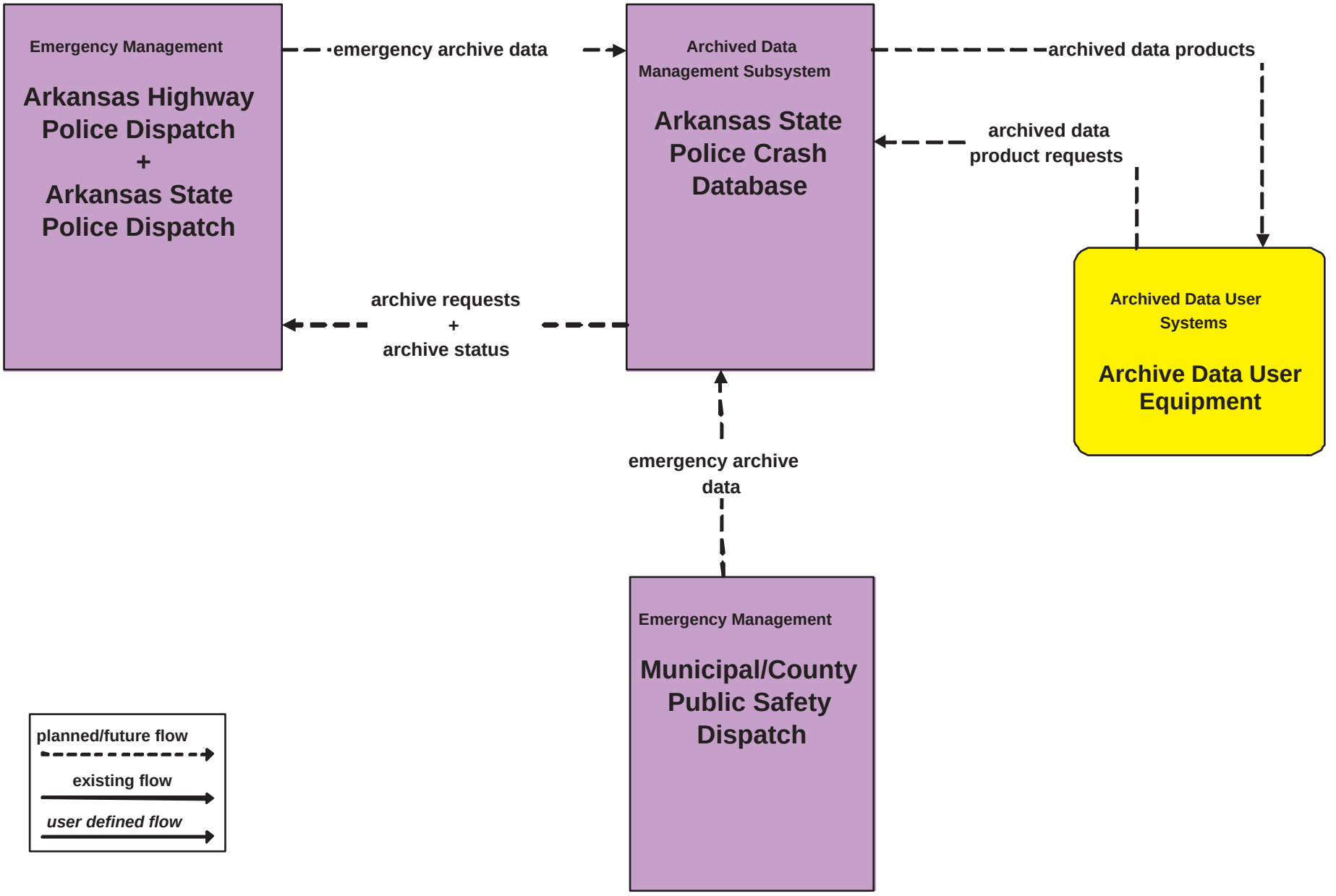
AD1 - ITS Data Mart
TxDOT Public Transportation Division



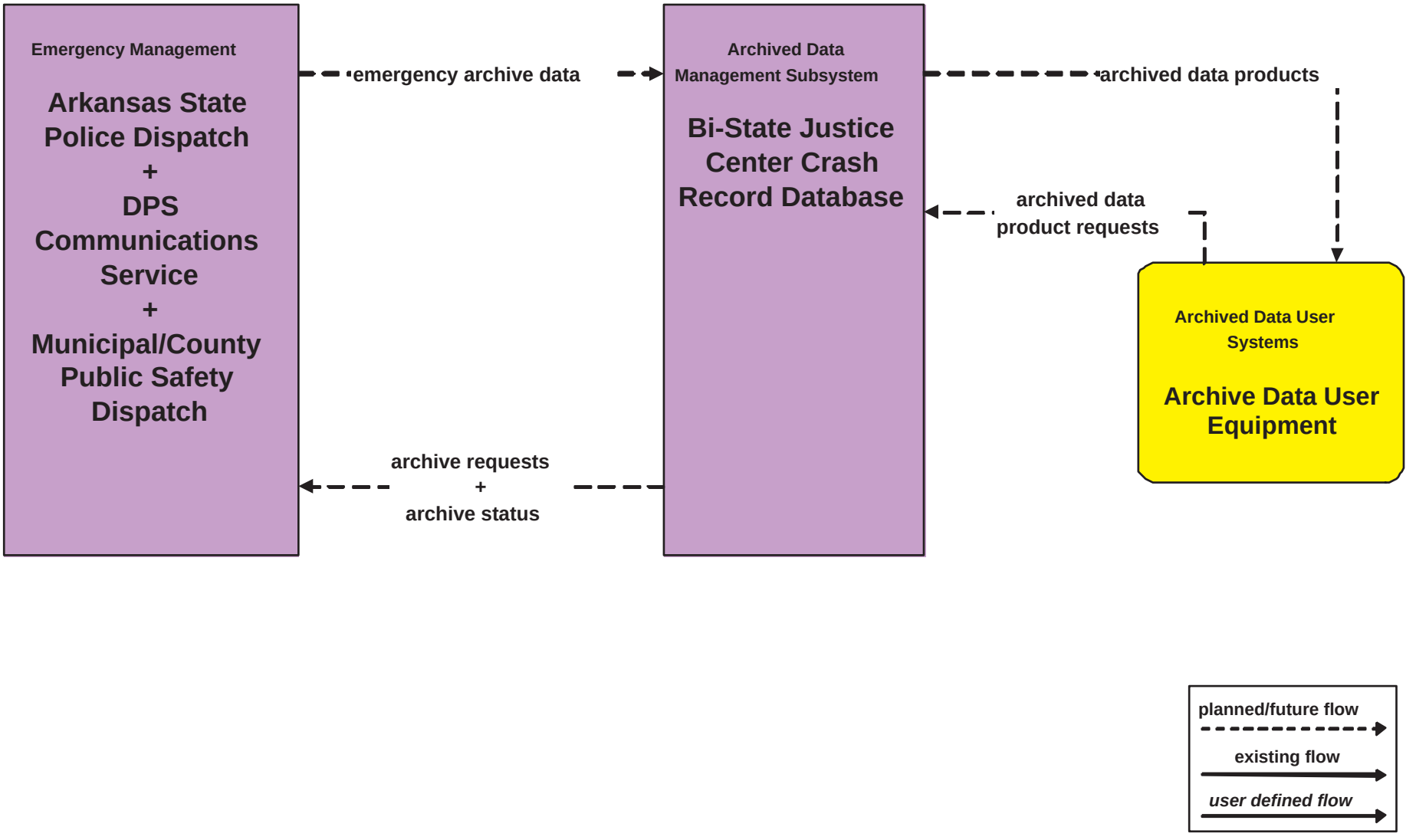
AD1 - ITS Data Mart
TxDOT/DPS Crash Record Information System



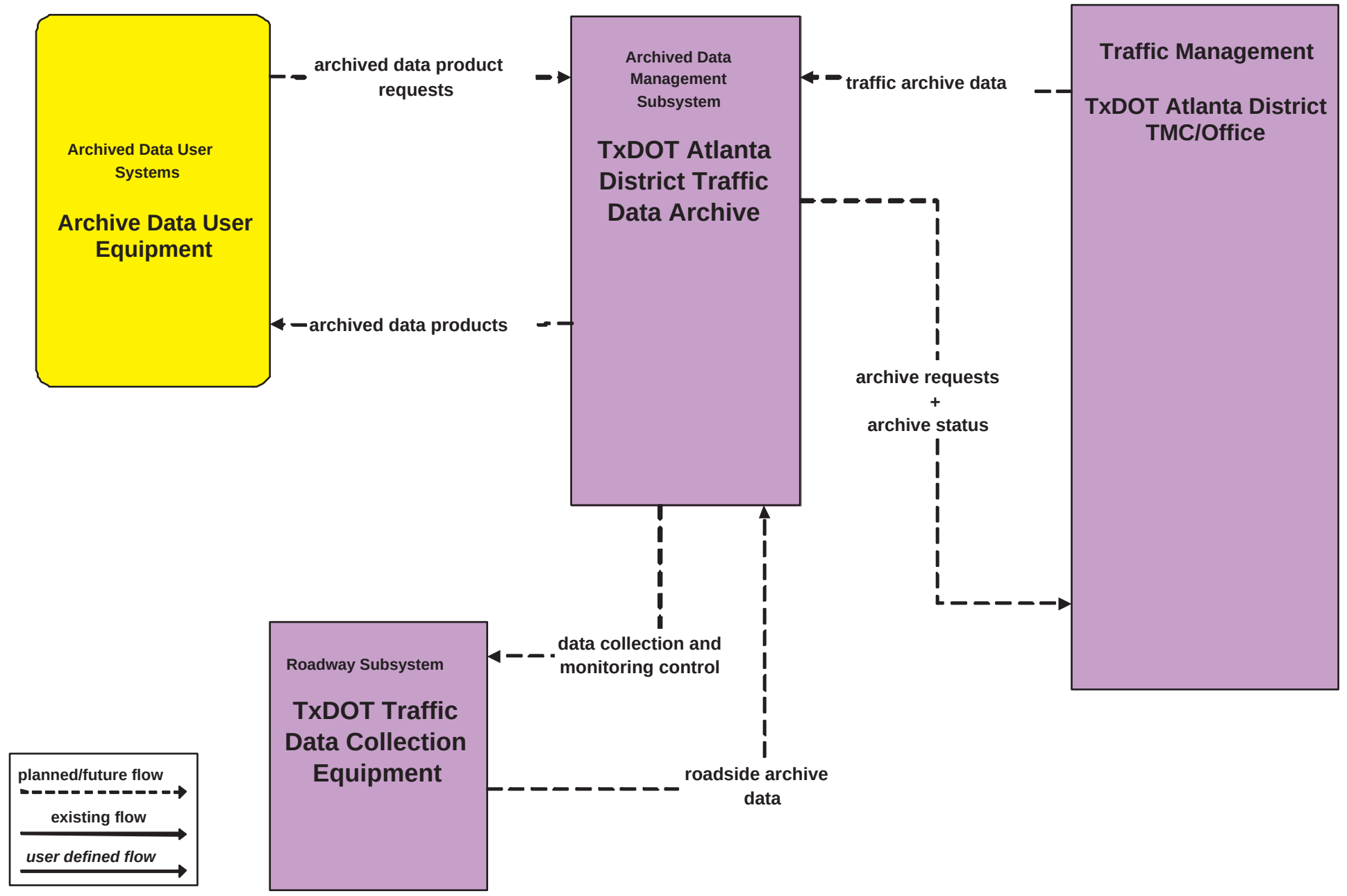
AD1 - ITS Data Mart
ASP Crash Database



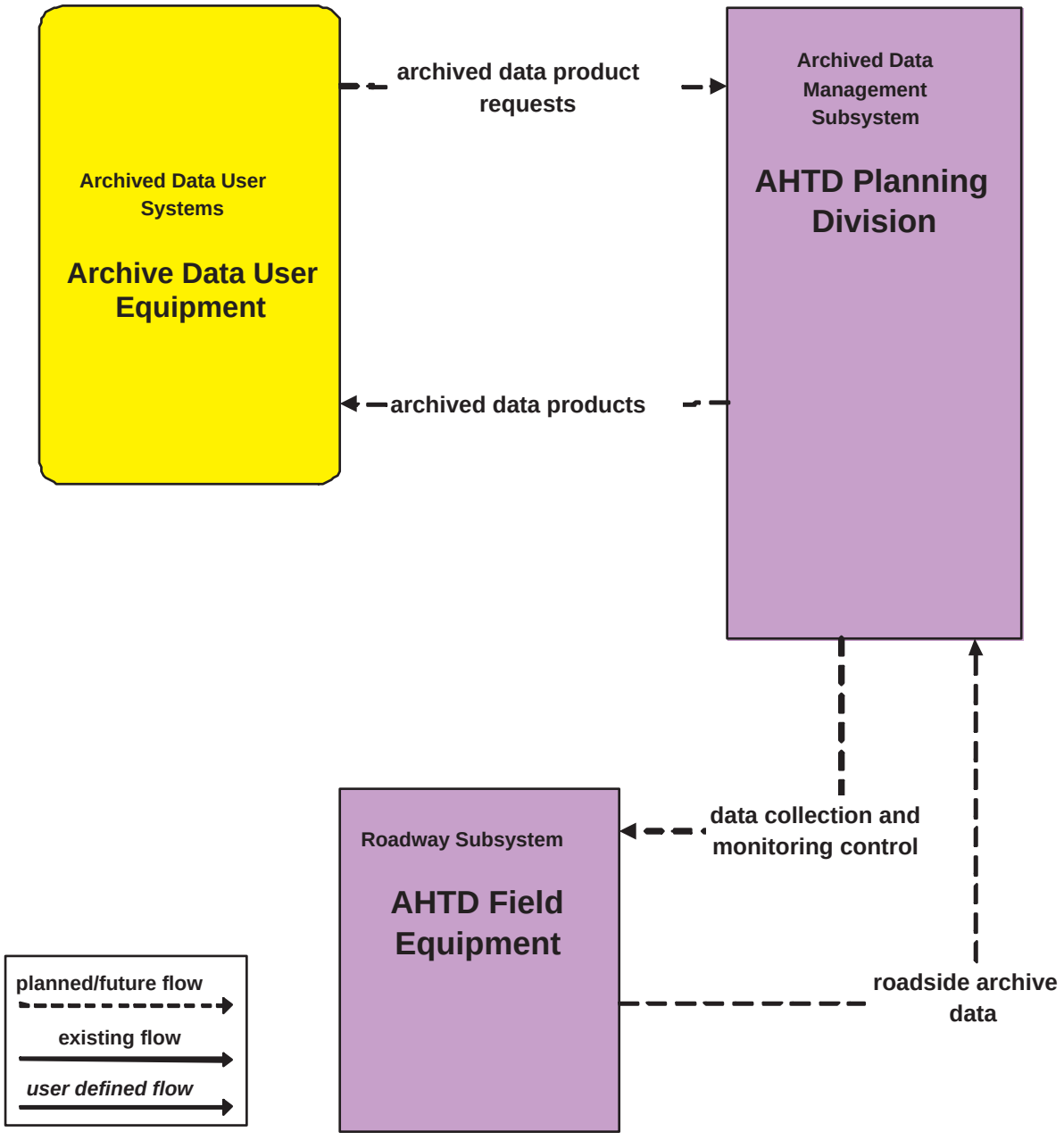
AD1 - ITS Data Mart
Bi-State Justice Crash Database



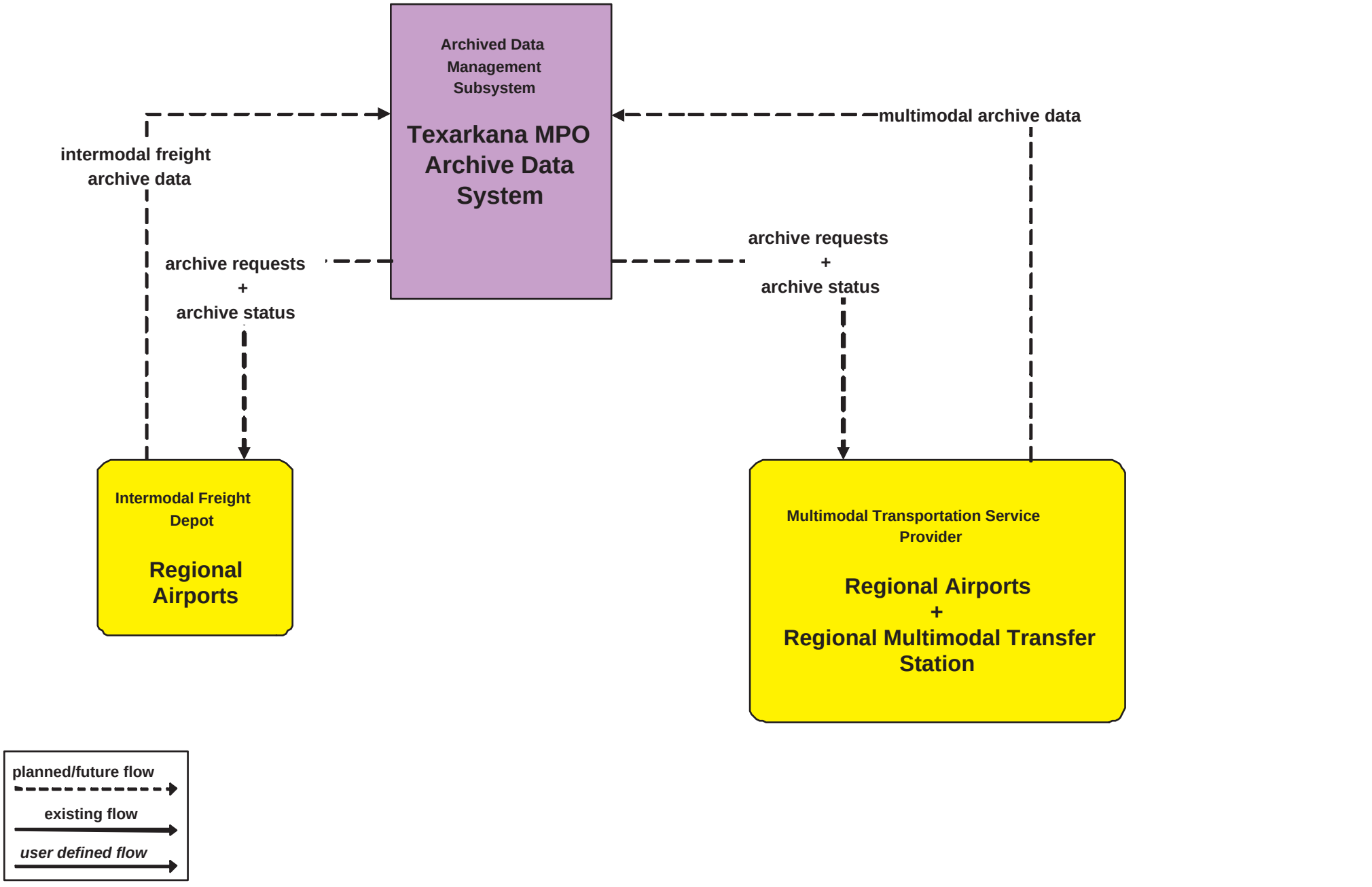
AD1 - ITS Data Mart
TxDOT Atlanta District Traffic Count Archive



AD1 - ITS Data Mart
AHTD Planning Division



AD2 - ITS Data Warehouse
Texarkana MPO



AD3 - ITS Virtual Data Wharehouse
Texarkana MPO

planned/future flow
existing flow
user defined flow

Archived Data User Systems

Archive Data User Equipment

archived data product requests

archived data products

Archived Data Management Subsystem

Texarkana MPO Archive Data System

archive coordination

archive coordination

Archived Data Management Subsystem

AHTD Planning Division
+
Arkansas State Police Crash Database
+
Bi-State Justice Center Crash Record Database
+
TxDOT Atlanta District Traffic Data Archive
+
TxDOT Public Transportation Division
+
TxDOT/DPS Crash Record Information System

transit archive data

archive requests
+
archive status

traffic archive data

archive requests
+
archive status

railroad archive data_ud

archive request_ud
+
archive status_ud

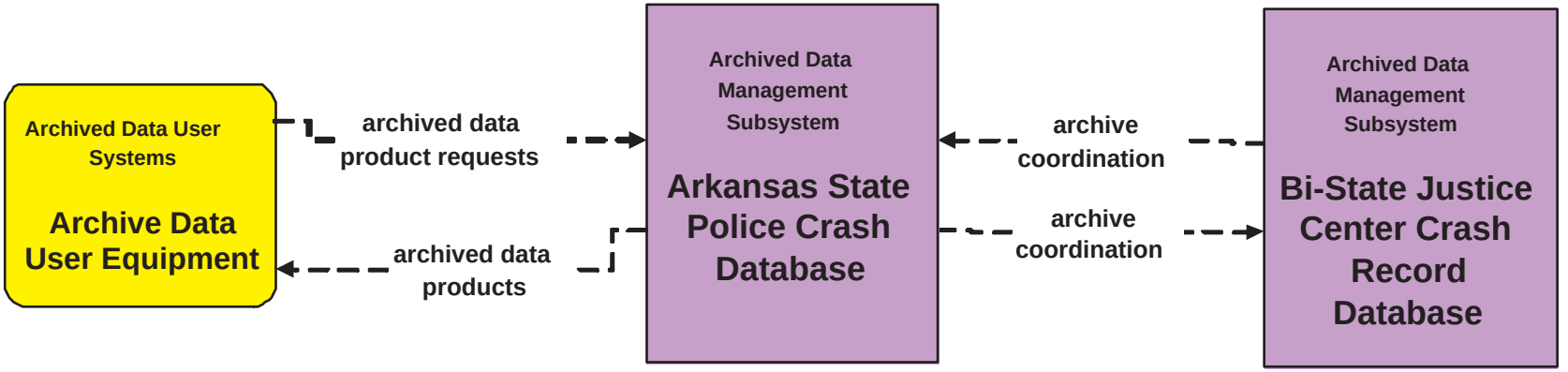
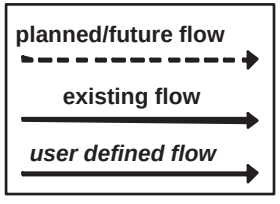
Transit Management

ATCOG TRAX Dispatch
+
Independent School District Dispatch
+
Private Inter-City Bus Carriers
+
T Line Transit Dispatch

Traffic Management

City of Texarkana, AR TMC
+
City of Texarkana, TX TMC
+
Municipal/County TMCs

Rail Operations

Rail Operators

AD3 - ITS Virtual Data Wharehouse
ASP Crash Database