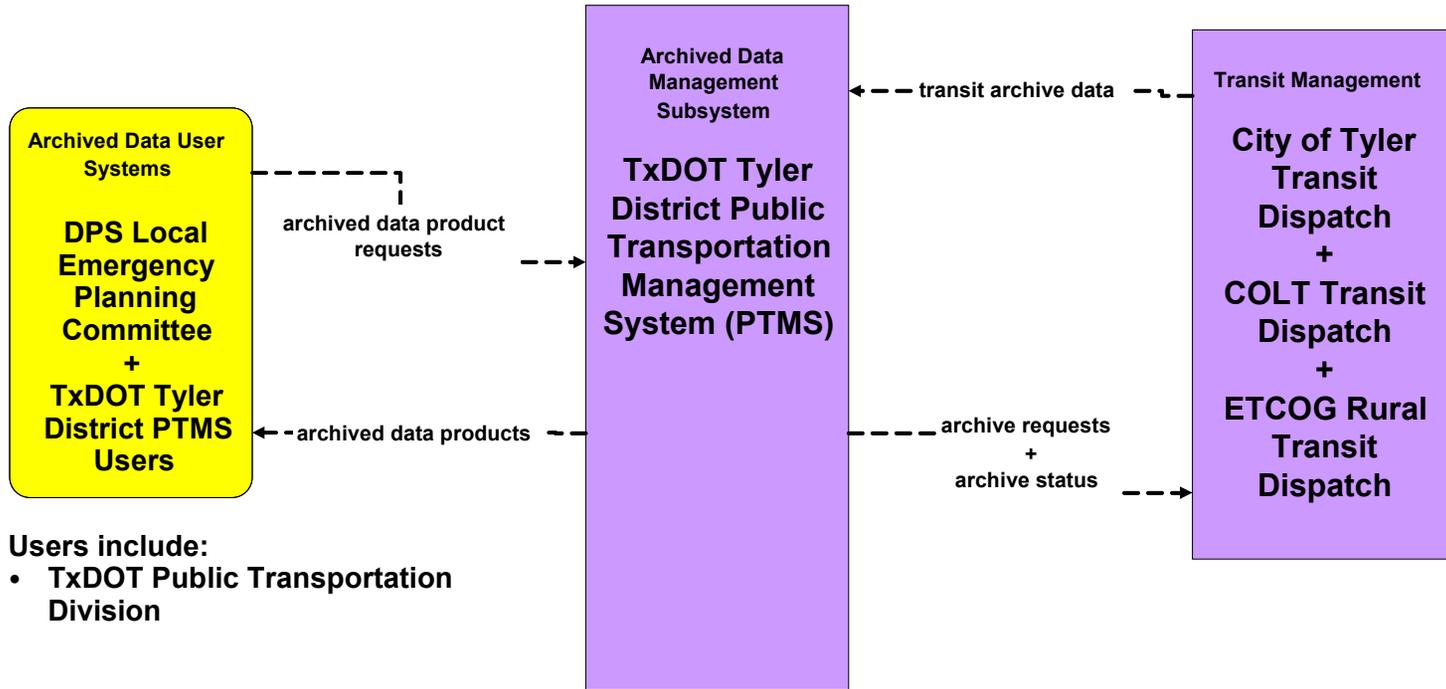# Tyler Regional ITS Architecture
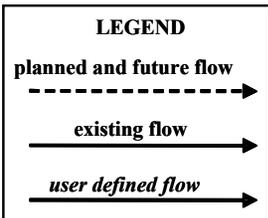
Customized Market Package Diagrams
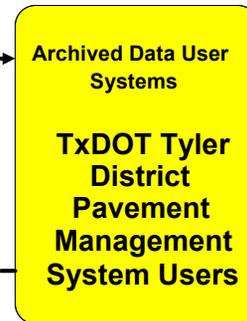
Archived Data (AD)
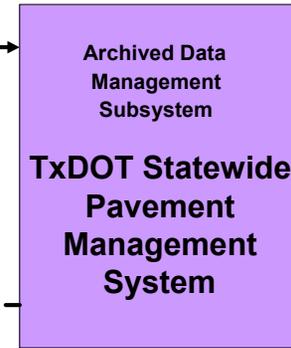
AD1 - ITS Data Mart
TxDOT Tyler District Public Transportation Management System (PTMS)

Archived Data User Systems

DPS Local Emergency Planning Committee + TxDOT Tyler District PTMS Users

Archived Data Management Subsystem

TxDOT Tyler District Public Transportation Management System (PTMS)

Transit Management

City of Tyler Transit Dispatch + COLT Transit Dispatch + ETCOG Rural Transit Dispatch

archived data product requests

transit archive data

archived data products

archive requests + archive status

Users include:
- **TxDOT Public Transportation Division**
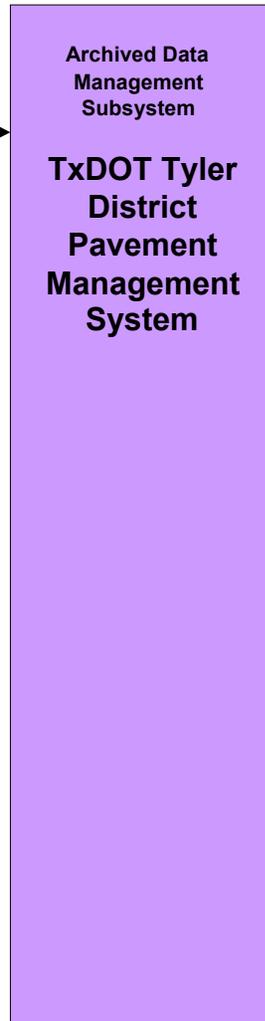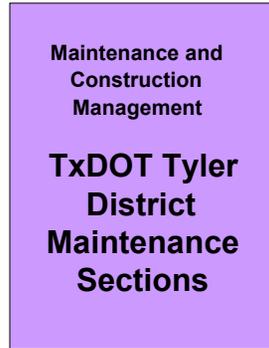
LEGEND

planned and future flow

existing flow

user defined flow

AD1 - ITS Data Mart
TxDOT Tyler District Pavement Management System

Maintenance and Construction Management

TxDOT Tyler District Maintenance Sections

- - asset status update - - →

Archived Data Management Subsystem

TxDOT Tyler 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 Tyler District Pavement Management System Users

← - - archived data product requests - -
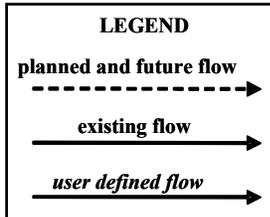
Users include:
- **Transportation Planners**
- **TxDOT**
- **Federal Highway Administration**
- **Public Requests**

LEGEND

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

existing flow
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user defined flow
————————→

AD1 - ITS Data Mart
Statewide Crash Records Information System

Archived Data Management Subsystem

Statewide Crash Records Information System

Emergency Management

DPS Administration

Archived Data User Systems
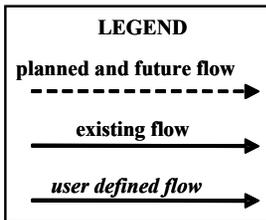
TxDOT Crash Record Information System Users

- - → emergency archive data - - →

← - - archive requests + archive status - - -

- - → archived data products - - →

← - - archived data product requests - - -
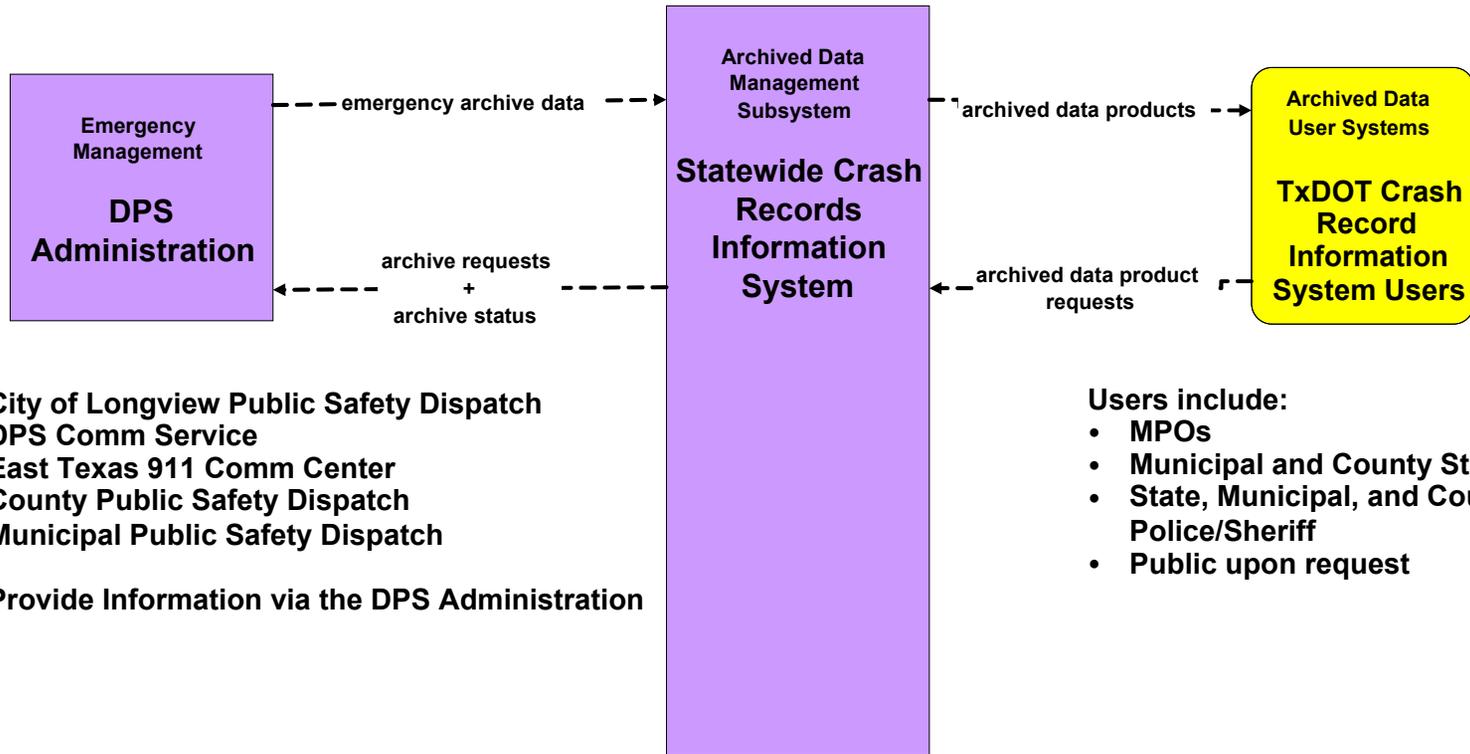
City of Longview Public Safety Dispatch
DPS Comm Service
East Texas 911 Comm Center
County Public Safety Dispatch
Municipal Public Safety Dispatch

Provide Information via the DPS Administration

Users include:
- **MPOs**
- **Municipal and County Staff**
- **State, Municipal, and County Police/Sheriff**
- **Public upon request**

LEGEND

planned and future flow

- - - - - - - - →

existing flow

————————→

user defined flow

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AD2 - ITS Data Warehouse
Longview MPO

Traffic Management

City of Longview TMC

Archived Data Management Subsystem
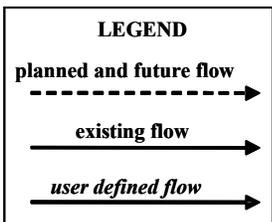
Longview MPO System

Other Archives

Tyler MPO System

archive requests
+
archive status

archive coordination

traffic archive data

archive coordination

Transit Management

COLT Transit Dispatch

archive requests
+
archive status

archived data product requests

Archived Data User Systems

Longview MPO System Users

transit archive data

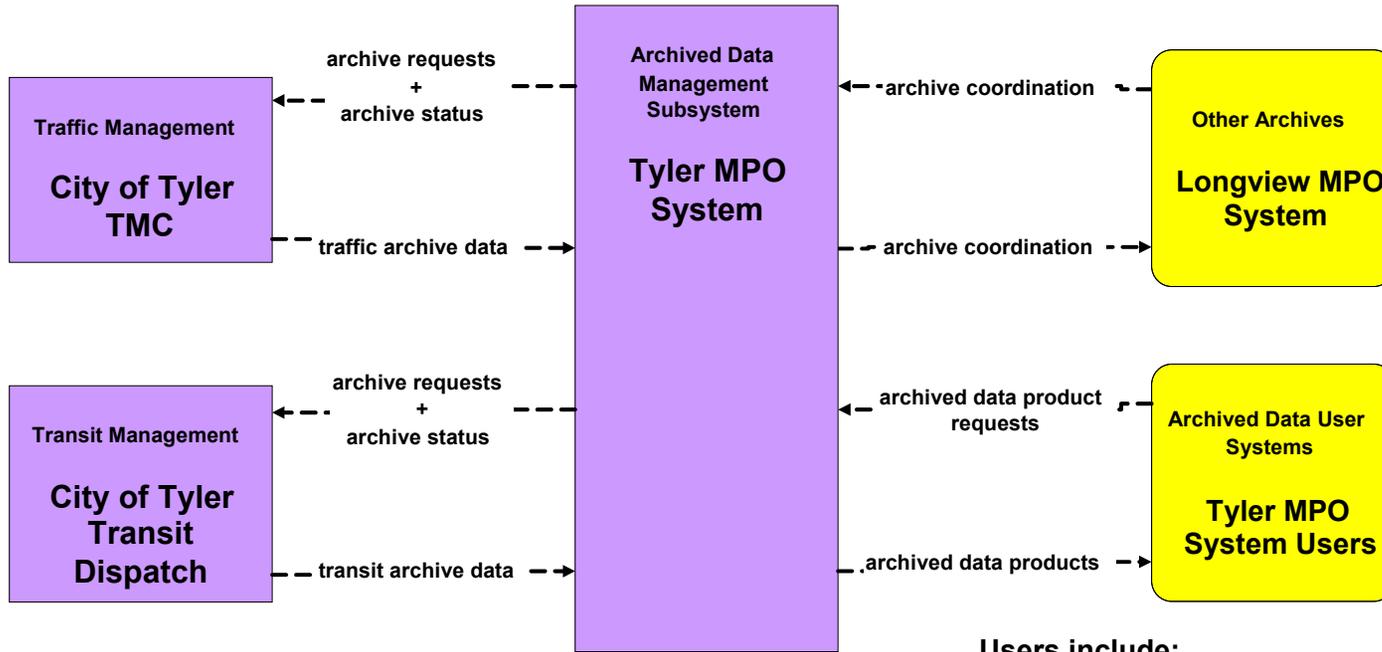archived data products

Includes Pavement Management System handled through Public Works Department

Users include:
- **Longview MPO**
- **TxDOT Planning**
- **COLT Transit**
- **Independent School Districts**
- **Federal Transit Administration**
- **FHWA**
- **ETCOG**

LEGEND

planned and future flow
- - - - - - - - - - - ▶

existing flow
───────────▶

user defined flow
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AD2 - ITS Data Warehouse
Tyler MPO

Archived Data Management Subsystem

Tyler MPO System

Traffic Management

City of Tyler TMC

archive requests + archive status

traffic archive data

Transit Management

City of Tyler Transit Dispatch

archive requests + archive status

transit archive data

Other Archives

Longview MPO System

archive coordination

archive coordination

Archived Data User Systems

Tyler MPO System Users

archived data product requests

archived data products

Includes Pavement Management System handled through Public Works Department

Users include:
- **Tyler MPO**
- **TxDOT Planning**
- **City of Tyler Transit**
- **Independent School Districts**
- **Federal Transit Administration**
- **FHWA**
- **ETCOG**

LEGEND

planned and future flow

existing flow

user defined flow