



NORTH TEXAS TOLLWAY AUTHORITY

SAME Infrastructure Forum

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February 9, 2024

North Texas Tollway Authority

Our Mission

❖ **Provide** a safe and reliable toll road system and mobility options for customers ❖ **Increase** value and businesslike manner ❖ **Operate** the Authority in a businesslike manner ❖ **Protect** our bondholders ❖ **Partner** to meet our region's growing need for transportation infrastructure



Your T lling Authority

- **Political subdivision of Texas**
- **Only build what region asks us to build**
- **Part of regional transportation network**
- **Safety and customer service**
- **Not funded by taxes**

NTTA System

- 1 360 Tollway
- 2 Addison Airport Toll Tunnel
- 3 Chisholm Trail Parkway
- 4 Dallas North Tollway
- 5 Lewisville Lake Toll Bridge
- 6 Mountain Creek Lake Bridge
- 7 President George Bush Turnpike
- 8 Sam Rayburn Tollway





FIVE-YEAR CAPITAL PLAN

KEY

- County lines
- Existing
- In Development
- Corridor Study

DNT Extension
over US 380

DNT 4B
FM 428 to
Grayson County

DNT Widening
SRT to 380

DNT 4A
US 380 to FM 428

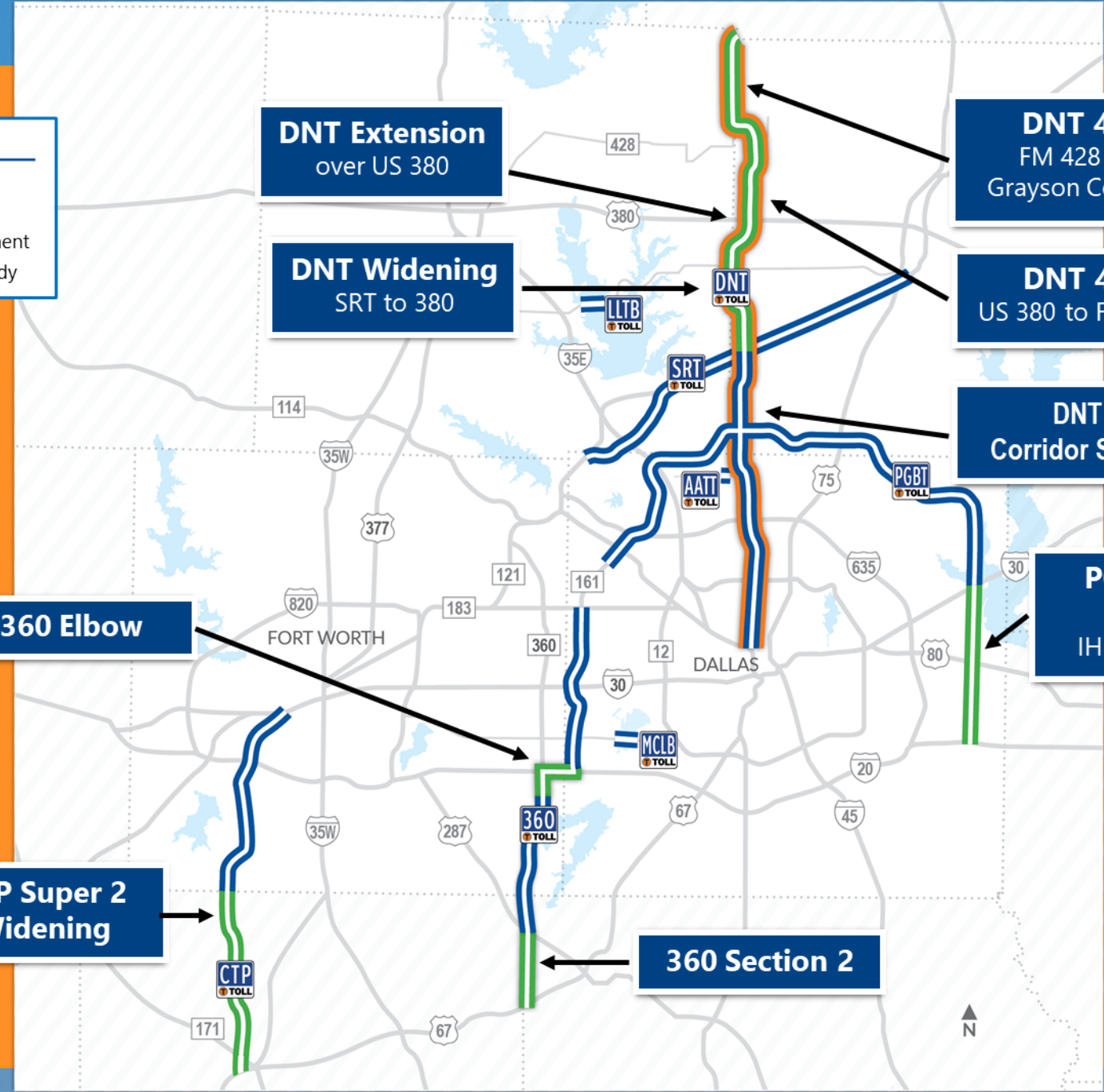
DNT
Corridor Study

360 Elbow

PGBT East Branch
IH 30 to IH 20

CTP Super 2
Widening

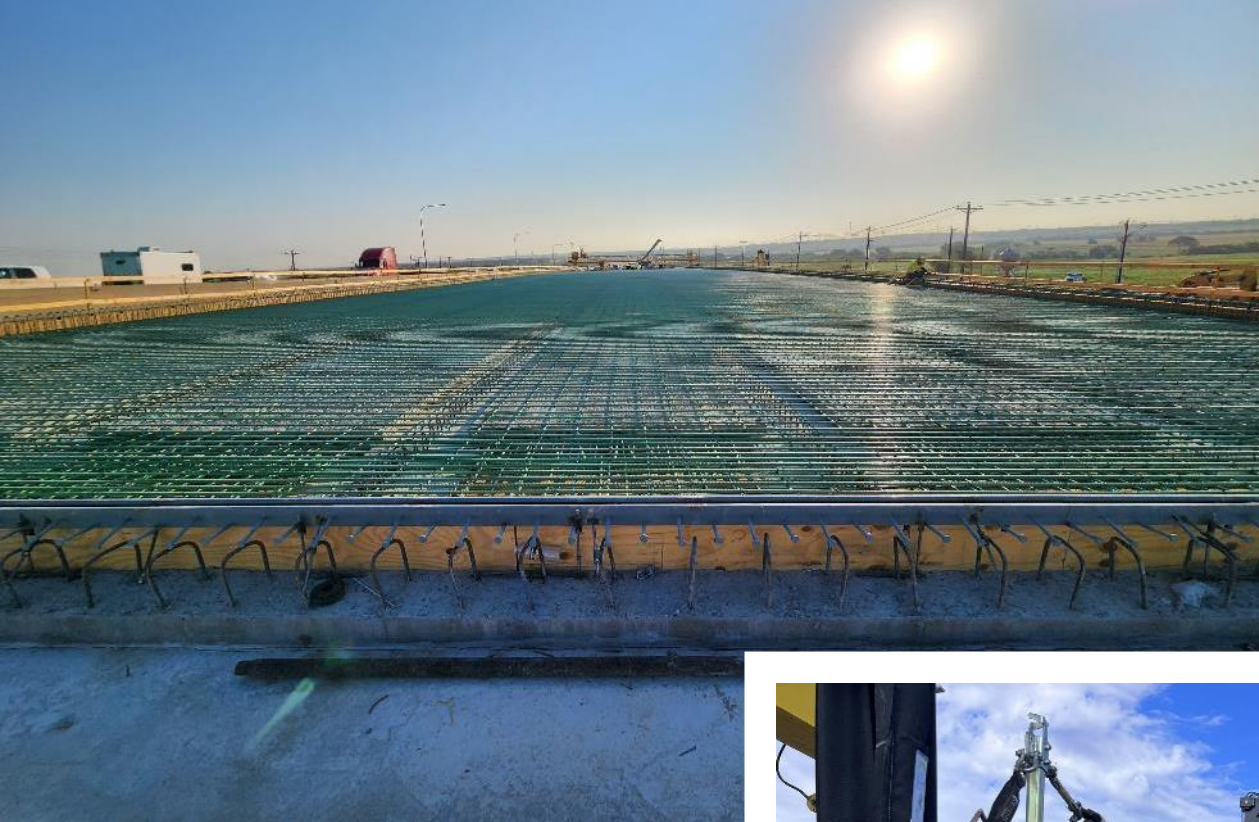
360 Section 2

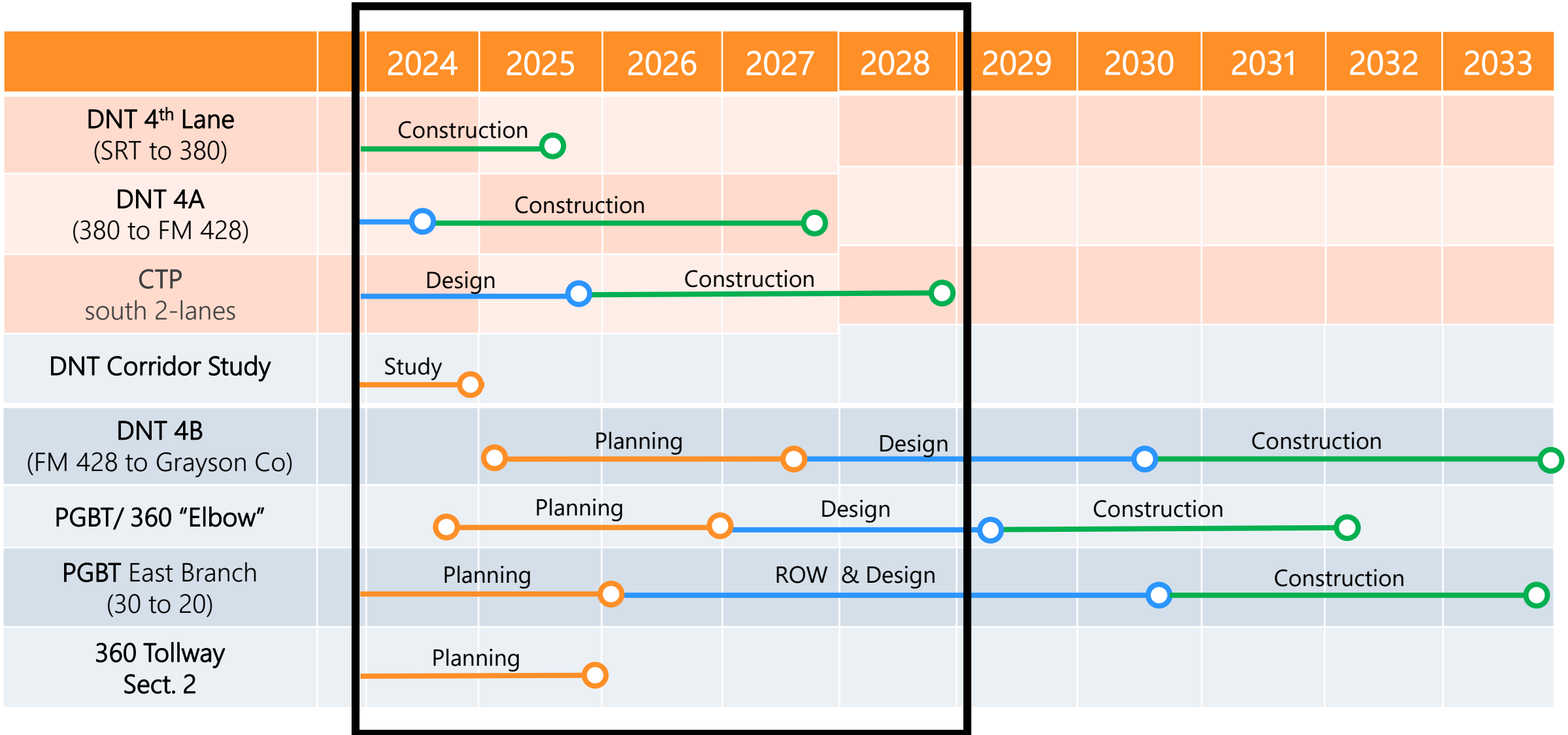




**DNT
Widening
SRT to US 380**







NTTA Technology Suite

Lane Level Toll Collection



ITS




Dedicated Fiber Network



Data Center



Call Center




Back-Office Toll Collection




User Environment

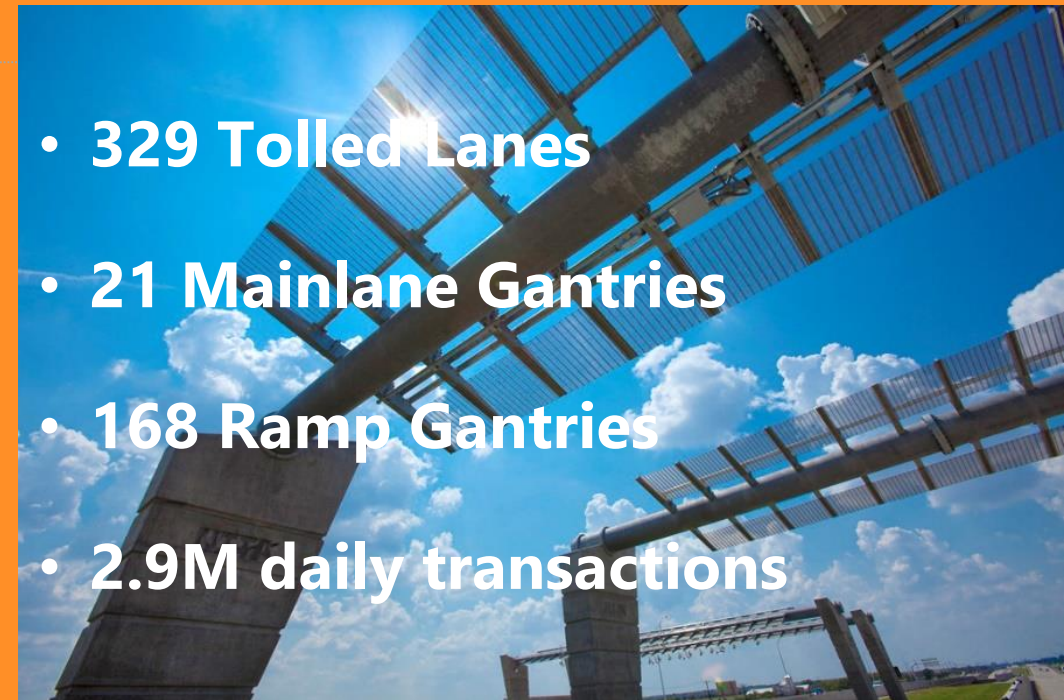
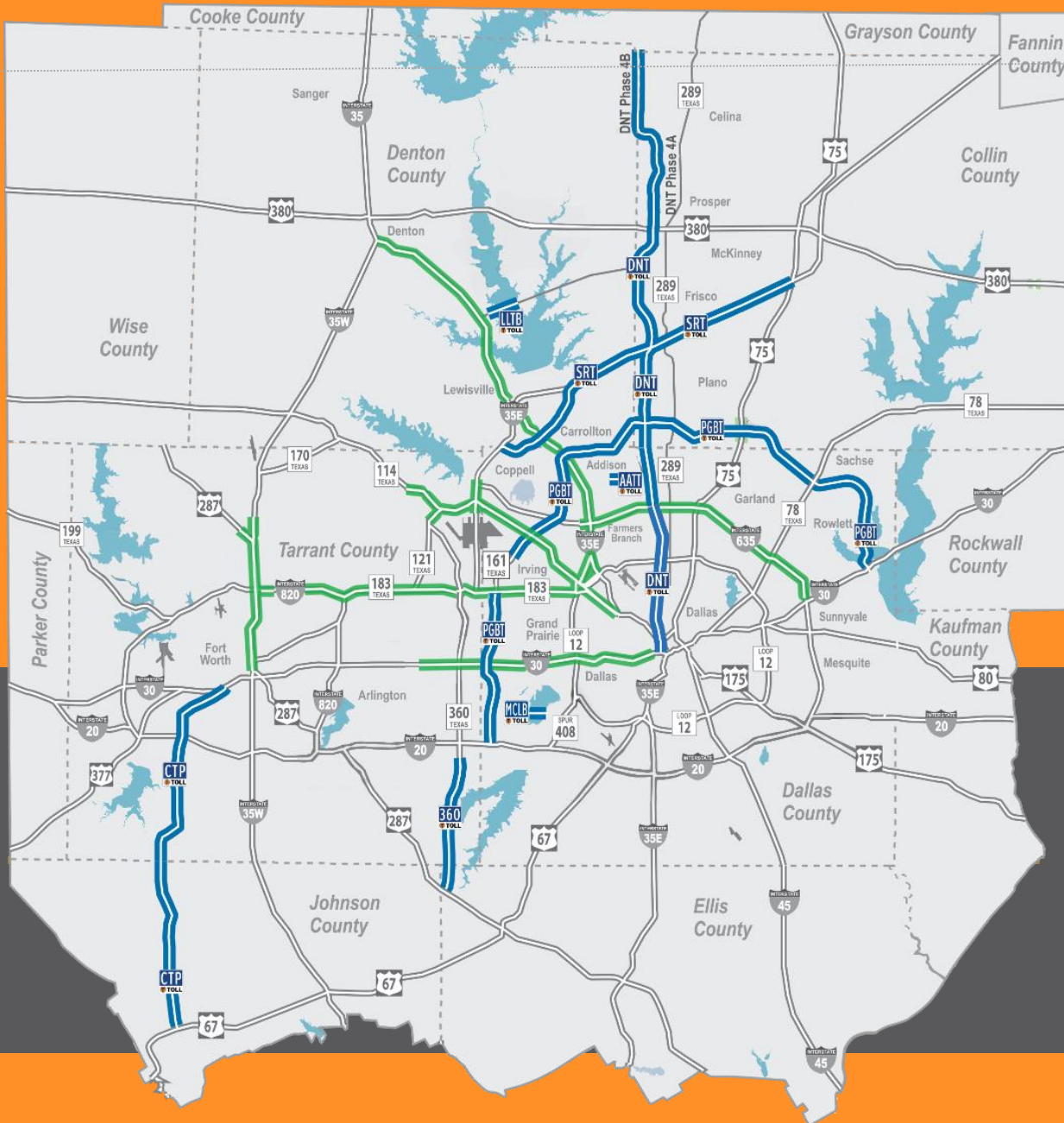


Physical Security



Primary Business Applications





- 329 Tolled Lanes
- 21 Mainlane Gantries
- 168 Ramp Gantries
- 2.9M daily transactions

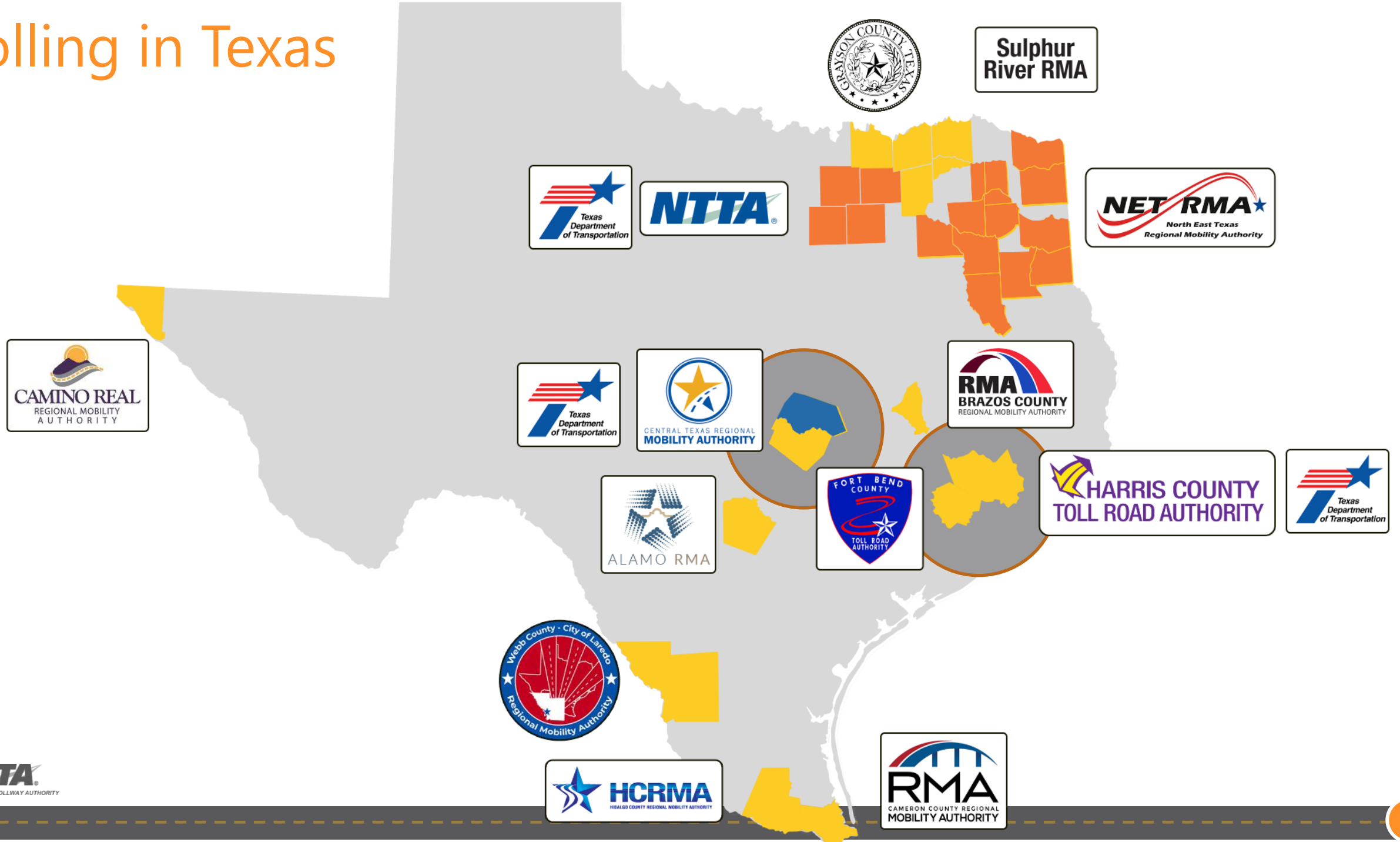


LEGEND

- NTTA
- Managed Lanes

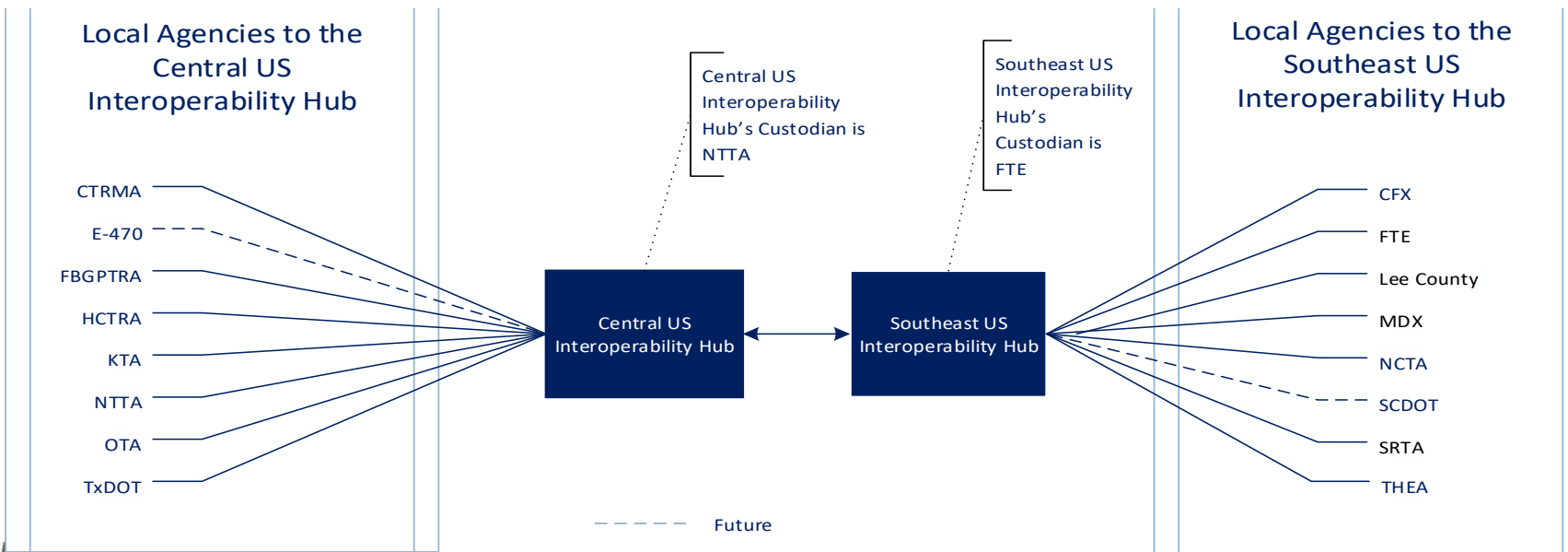
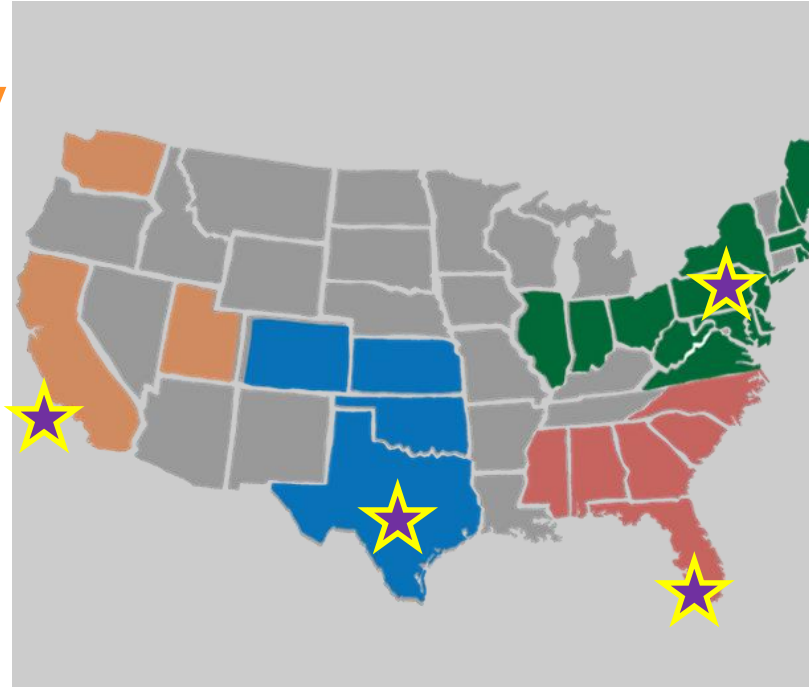


Tolling in Texas



National Interoperability

- Lead efforts to advance interoperability
- Support the Central States Hub
- Provide Custodial services





Safety Operations Center

Incident Detection

Pavement Loops

- Existing infrastructure
- Wrong way driver detection

Accident Review Comm.

- Detailed review major accidents
- Engineering alternatives



Hardware/ Software

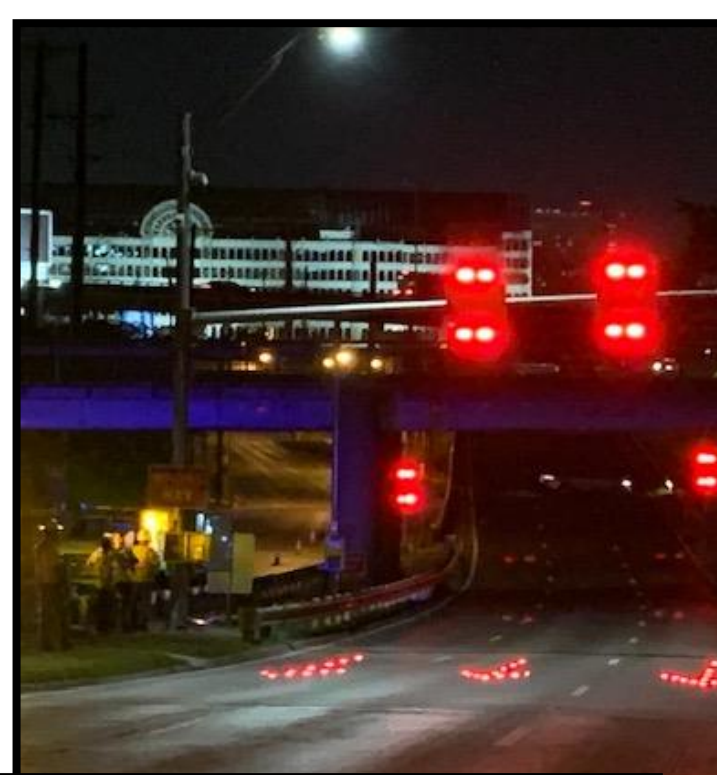
- Four fixed cameras
- One pan-tilt-zoom camera
- Content analysis software

Incident Mapping

- Hot spots identified and studied
- Engineering alternatives

Wrong Way Driver Prevention

- NTTA continues to be a leader in implementation of wrong-way driver (WWD) prevention efforts
- Focus has been on preventing the wrong-way drivers from getting on roadways or to turn around if they do
- Advance efforts by communicating to wrong-way drivers as well as the right-way drivers





 **ROADSIDE ASSISTANCE**
CALL #999

Safety

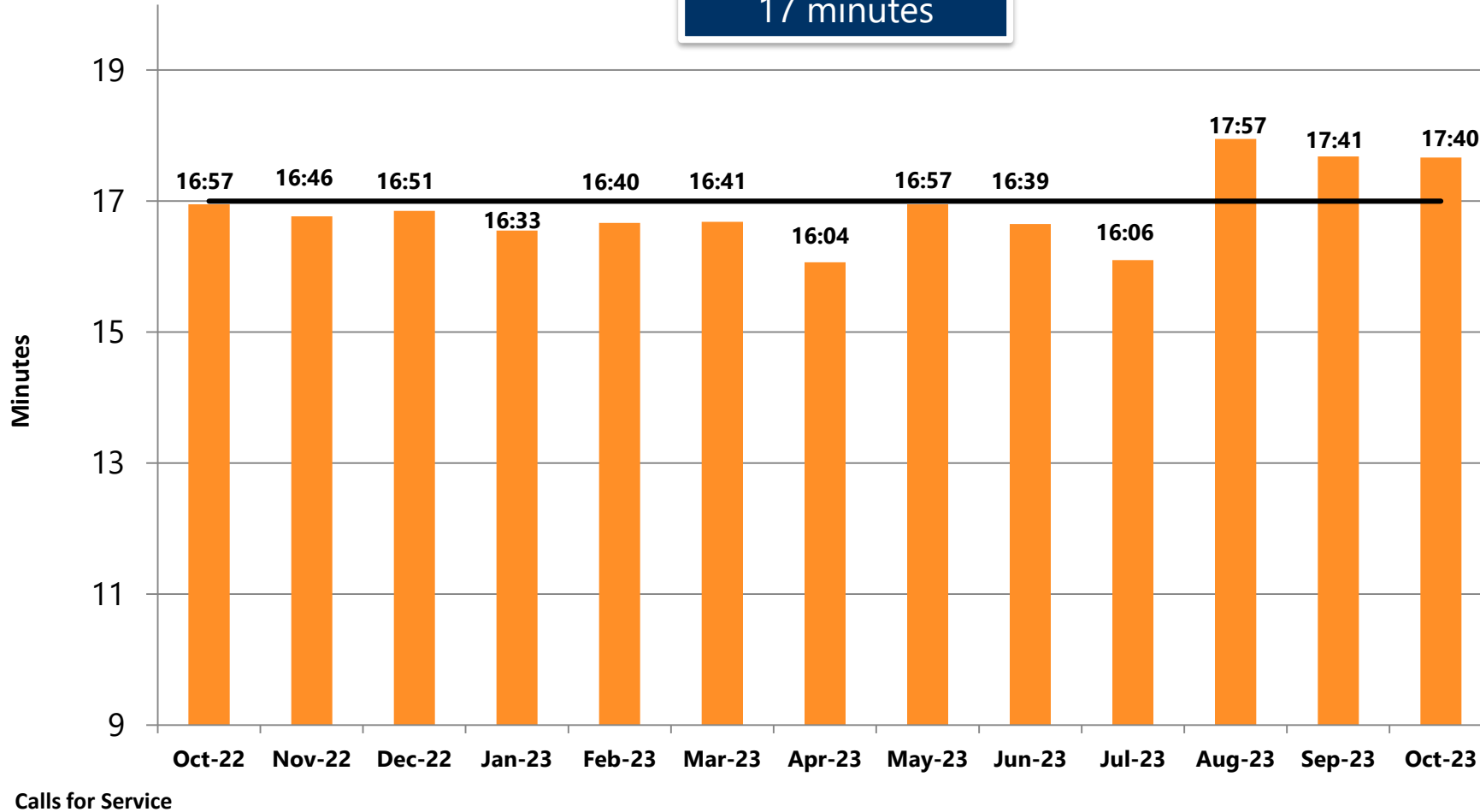
2022 Roadway Statistics

	<u>Weekly Average</u>	<u>Year Total</u>
Accidents	90	4,639
Motorists Assists	656	34,071
Road Hazards/Debris	202	10,479
Abandoned Vehicles	56	2,907
RSS Total Calls for Service	950	49,372



Roadside Safety Services Clearance Time

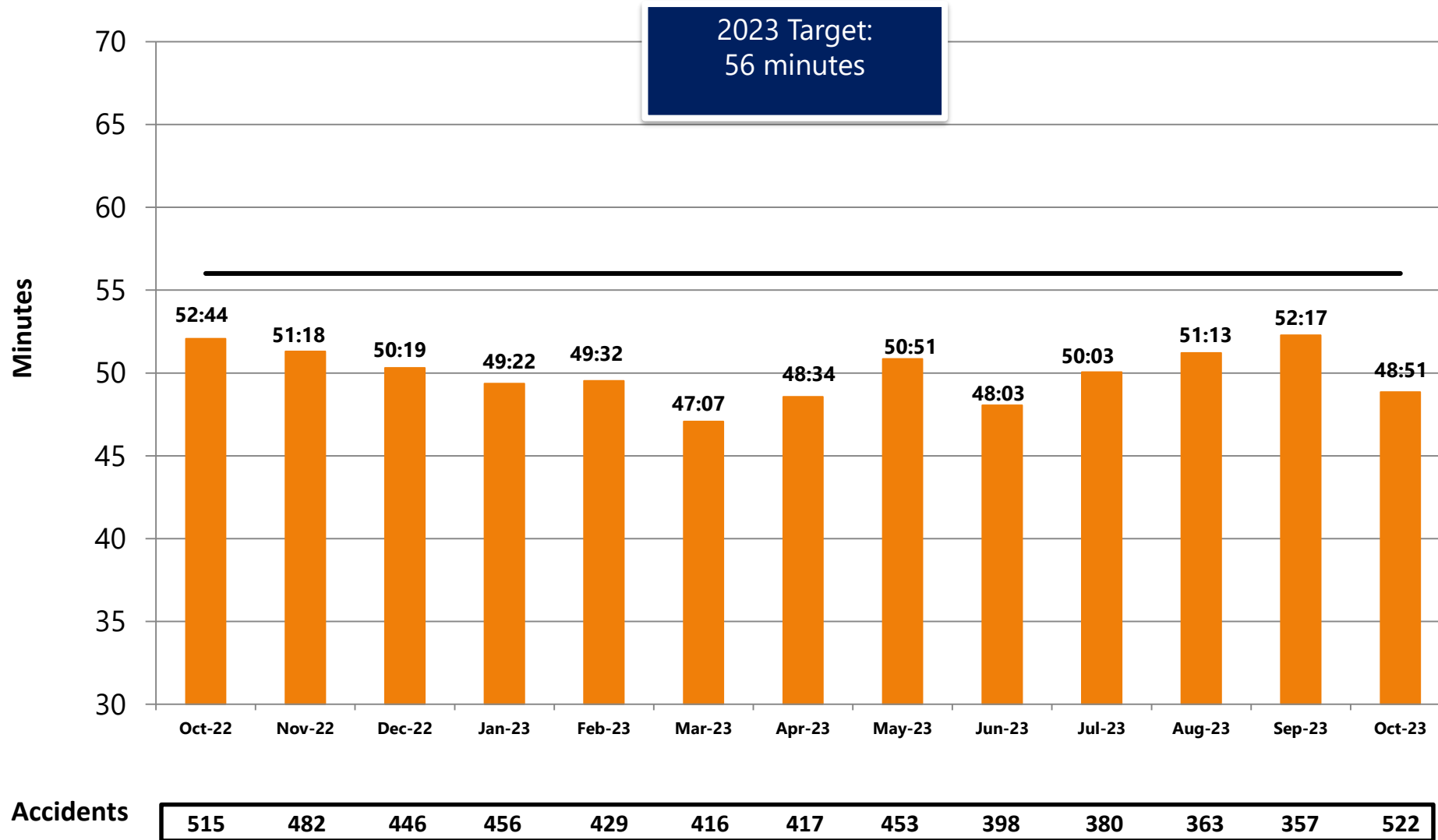
2023 Target:
17 minutes



4,373 3,789 3,754 3,634 3,505 4,343 4,254 4,720 4,746 5,127 4,992 4,053 4,161

Target: 17 Minutes

Average Accident Clearance Time



THANK YOU

NTTA