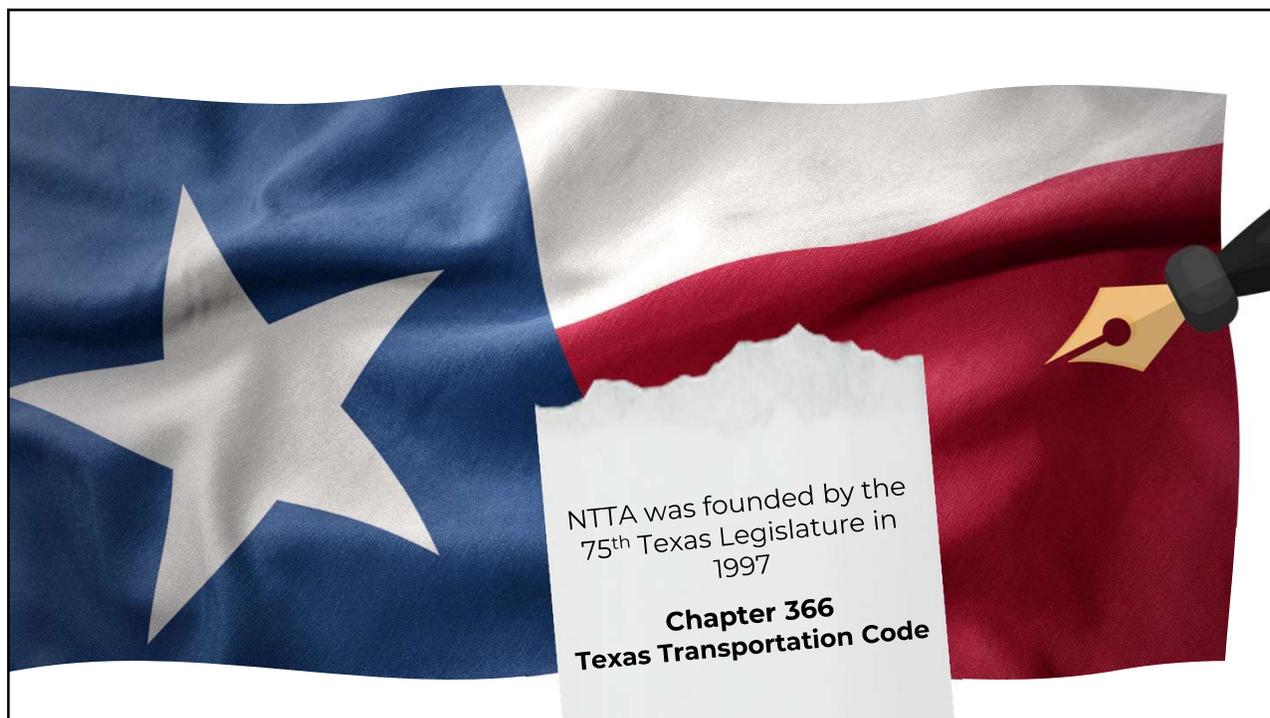




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## Your Tolling Authority

- 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

3

# North Texas Tollway Authority

## Our Mission

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

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## Moving with the Speed of Texas

**1 Roadway Safety Services**

- 24x7 free roadside services
- Dedicated police services
- Wrecker services

**Technology 2**

- Safety Operations Center
- Microwave technology
- Speed sensors
- Lonestar

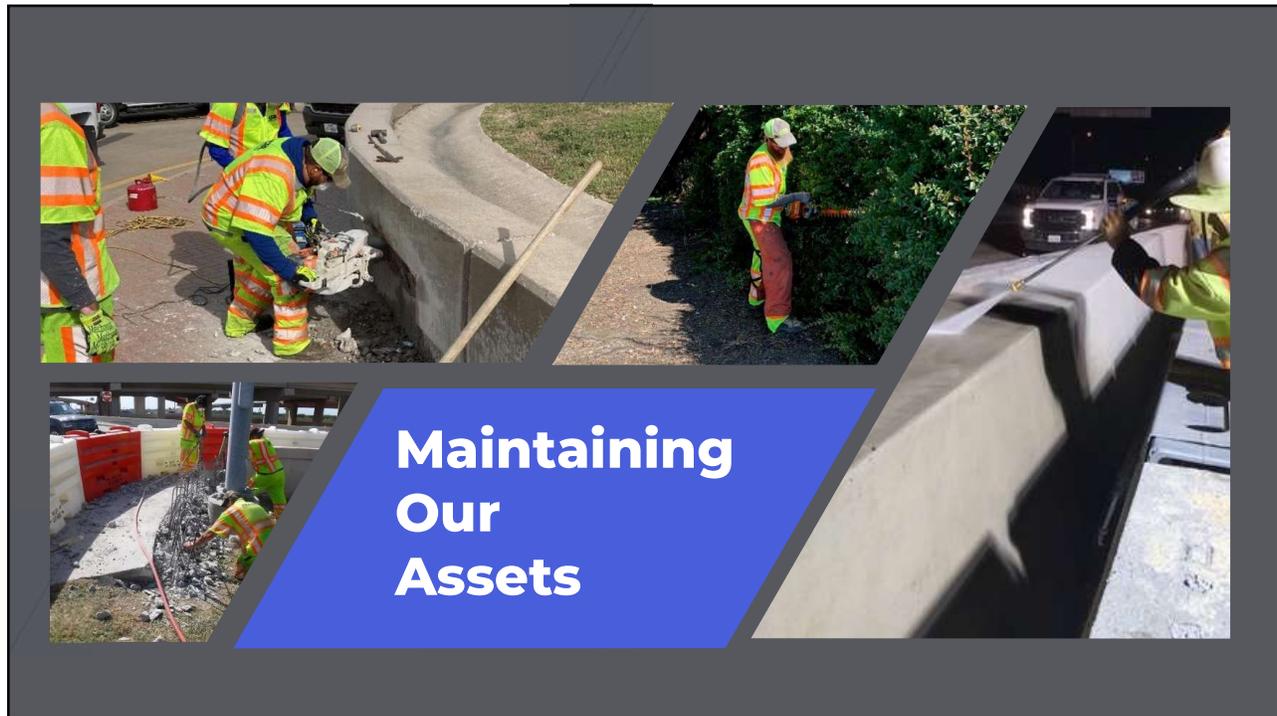
**3 Smart Detection**

- Smart cameras
- Wrong way driver detection
- Accident review committee
- Incident mapping

**4 Outreach**

- Red Thumb
- Project communications
- TollMate
- RSS feedback program

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# North Texas Tollway Authority

## Our Mission

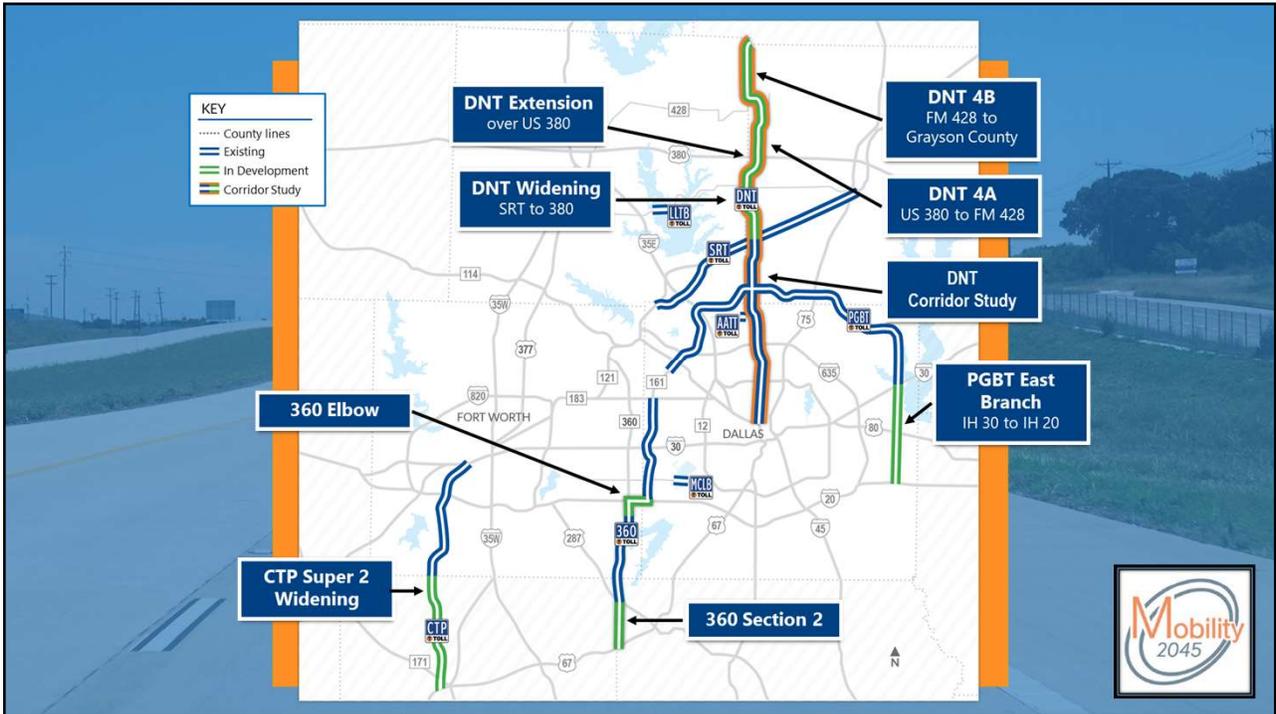
❖ **Provide** a safe and reliable toll road system ❖ **Increase** value and mobility options for customers ❖ **Operate** the Authority in a businesslike manner ❖ **Protect** our bondholders ❖ **Partner** to meet our region's growing need for transportation infrastructure

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## Upcoming Engineering Opportunities - 2023

**DNT Wall Rehabilitation Construction Management & Material Testing Services** (Mar 2023 – In negotiaton)

**Construction Engineering Consultant (CEC)** (Jun 2023)

**DNT Seg. 4A Construction Management Services** (Aug 2023)  
(2 Contracts)

**DNT Seg. 4A Construction Material Testing Services** (Aug 2023)  
(2 Contracts)

**Program Management Consultant** (Sep 2023)

**PGBT Continuous Lighting Construction Management & Material Testing Service** (Q4 2023)



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## Construction Engineering Consultant

4-year contract service as in-house extension of staff

- Engineering constructability and plan review (technical-support)
- C5 support, schedule review, and claims avoidance
- Construction contract administration support - consistency and audit functions
- Visual quality and landscape support
- Environmental compliance support
- Construction management services (small routine maintenance projects)



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## Construction Engineering Consultant

- Engineering constructability and plan review (technical-support)
  - Constructability review of design plans
  - Develop CM and CMT scopes of services and independent cost estimates
- C5 support, schedule review, and claims avoidance
  - Construction Cost Change Control Committee – CO review
  - Audit and oversight of CM schedule reviews
  - Time determination schedules for design projects
  - Claims analysis and expert services when needed

## Construction Engineering Consultant

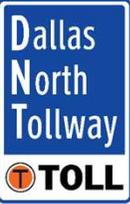
- Construction contract administration support - consistency and audit functions
  - EPDS usage audits and training for CMs and contractors
  - Oversight of RFI and submittals processes
  - Transmittal of plan revisions and contract documents
  - Project closeout review
  - As-builts
    - Review and audit of other CM services
    - Preparation for CEC inspected projects

## Construction Engineering Consultant

- Visual quality and landscape support
  - Field inspection for SS 850 Compliance
  - Prefabricated materials plant inspection
  - Technical assistance for landscape preparation, installation and maintenance
  - Irrigation and plant materials inspection and acceptance
- Environmental compliance support
  - SW3P quarterly oversight inspections
  - Best management practice reviews of repair & rehabilitation projects
  - Support PMC in development of NOI and NOT

## Construction Engineering Consultant

- Construction management services (maintenance & rehab projects)
  - Document Control
  - Construction Inspection
    - Striping, signing, bridge & wall rehabilitation, pavement repair, & erosion control
  - Electrical and ITS inspection
    - AATT lighting & fan replacement, wrong way driver program, CCTV, DMS upgrades
  - Facility improvement projects inspection
    - Roofing, facility expansion, HVAC replacement, salt storage improvements
  - Material testing as required for above projects (on-call)



## Extension 4A CM & CMT Services



- 6-mile extension from US 380 to FM 428
- 2-\$150M construction contracts letting 4th qtr 2023 constructed between existing frontage roads
- Separate construction management and material testing services contracts for each construction section
- Projects include 8-lane concrete roadway, bridges, CIP walls, toll gantries, ITS, signing, striping, & illumination




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## Program Management Consultant

4-year contract service as in-house extension of staff providing engineering support services for Capital Plan environmental, planning and design projects

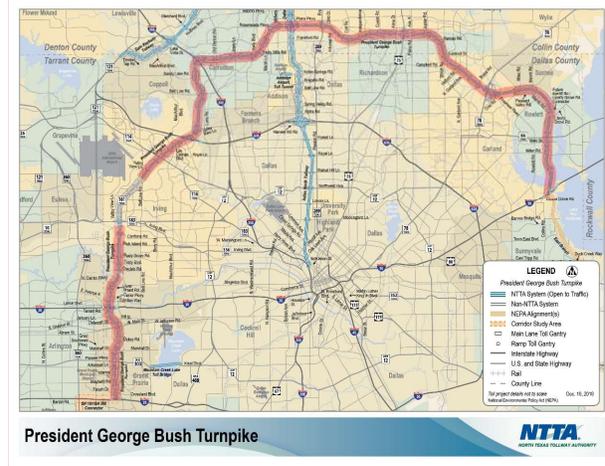
- Program and project scheduling
- Program estimating and cash flow support
- Engineering reviews and technical specialty services
- Procurement support
- Project-management support
- Technical-support staffing in planning and design



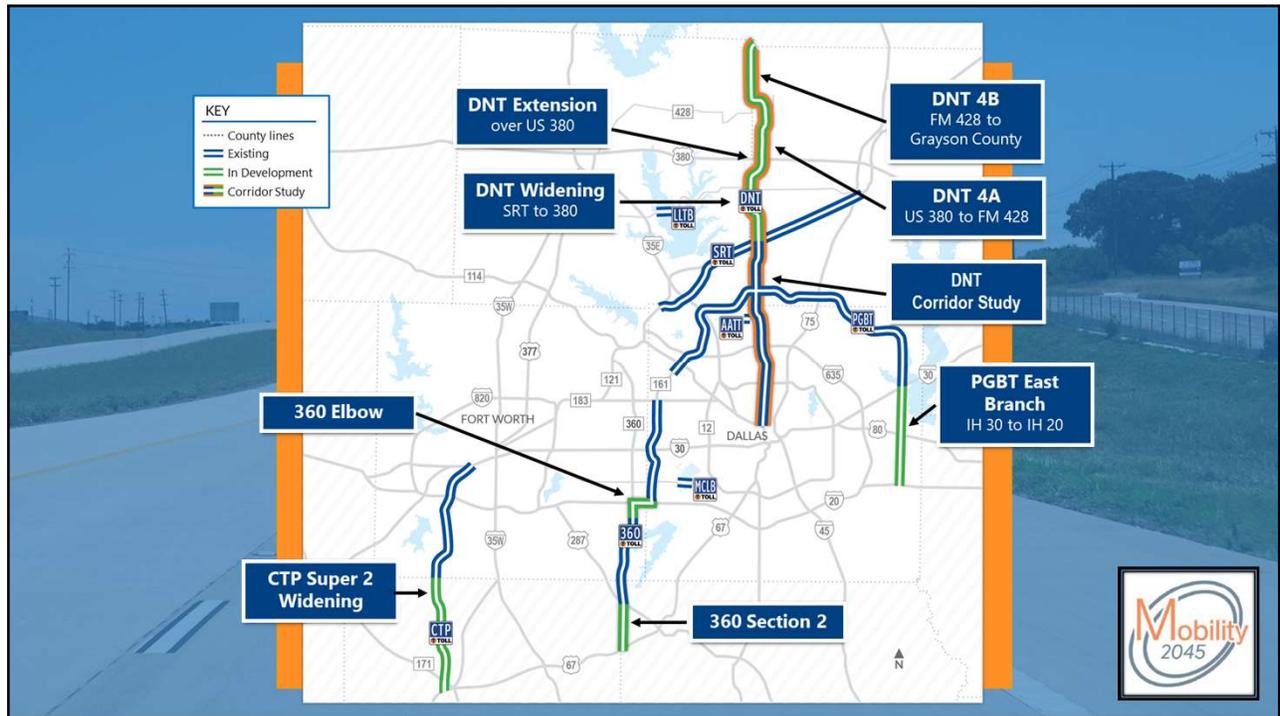

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# PGBT Continuous Lighting CM & CMT

- Existing PGBT opened in stages from 1999 to 2012 with HPS safety lighting
- New continuous lighting proposed with LED high-mast and roadside lighting solution
- 4 staggered construction contracts with 10-15 miles of lighting installation and electrical upgrades
- Construction starting in 2024 with work anticipated to last 4 years



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## NTTA Evolution of CM Services

- 1984-1994 CM part of GEC Services → Owner Mgmt
- 1996-2005 Single agency-wide CM → Owner Mgmt
- 2006-2008 2 agency-wide CMs → Owner Mgmt
- 2008-2011 4 agency CMs → CCM → PMO → Owner
- 2011-2014 Project CMs → Owner Supervising RE
- 2015 Project CMs supporting Owner RE
- 2019 Addition of CEC for smaller projects, Owner RE in lead role for CM services

## Responding to a NTTA CM or CMT RFQ

- Schedule meeting with staff prior to the RFQ release
- Read the RFQ and attend pre-proposal meeting
- Focus on the people that will be doing the work
- It's not buzzword bingo
- We wrote the scope; you don't have to recite it back to us. Focus on how you add value to the scope
- Review the plans and brainstorm ideas to improve delivery of the project

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