



## AGENDA INFORMATION SHEET

**DEPARTMENT:** Development Services, Finance

**CM/DCM/ACM:** Cassey Ogden

**DATE:** April 7, 2026

### **SUBJECT**

Consider adoption of an ordinance of the City of Denton authorizing the submission of an application to the North Central Texas Council of Governments Technology Project Identification (TPI) Framework 2026 grant program in the amount of \$800,000 for a Vision Zero Intelligent Safety Corridor project; and providing an effective date.

### **STRATEGIC ALIGNMENT**

This action supports Key Focus Area: Support Healthy and Safe Communities.

### **BACKGROUND**

The North Central Texas Council of Governments (NCTCOG) has launched a Technology Project Identification (TPI) Framework to support the deployment of innovative transportation technologies across the region. The program funds projects that advance roadway safety, connected infrastructure, and next-generation signal systems.

- Maximum Award per Project: \$3,000,000
- City of Denton Proposed Funding Request: \$800,000
- Funding Structure: 100% reimbursable (no local match share required)
- Eligible Applicants: Public-sector agencies within the 12-county region
- Deadline: April 10, 2026, by 5:00 PM CST.

The City of Denton proposes to lead a consortium application in partnership with Southern Methodist University (SMU) to secure funding under this program. The project would be fully funded by NCTCOG with no City match required. As part of this project, the City of Denton will

### **Proposed Deployment Locations**

Denton VZ High Injury Network (HIN) Corridors identified in Vision Zero Phase II Implementation Plan.

- The project targets multiple stretches of HIN corridors in the city of Denton, currently characterized by one of the highest injury-related fatality and serious injury-linked crash rates.
- This deployment provides:
  1. A high-impact opportunity to reduce severe crashes
  2. Measurable safety and operational performance improvements
  3. A scalable model for expansion to other priority corridors

## **Project Concept: Vision Zero–Driven Intelligent Safety Corridor**

This initiative combines advanced roadway safety technologies and next-generation signal intelligence into a single integrated system designed to prevent severe crashes before they occur. The proposed system transforms selected Denton VZ HIN Corridors into self-monitoring, risk-responsive corridors that continuously sense conditions, evaluate safety risk, and activate calibrated interventions in real time.

### **Alignment with Vision Zero Implementation**

Vision Zero recognizes that human error is inevitable and that systems must be designed to prevent those errors from resulting in severe injury or death.

This project operationalizes Vision Zero by:

- Identifying and mitigating near-miss events before they become crashes
- Protecting vulnerable road users through real-time detection
- Reducing speed during elevated risk conditions
- Using measurable safety indicators rather than relying solely on crash history

The result is a proactive, technology-enabled safety strategy rather than a reactive enforcement-based approach.

### **Value to Denton Citizens**

#### Safer Streets

- Reduction in severe and injury crashes
- Enhanced pedestrian and cyclist protection
- Proactive conflict mitigation
- Long-term scalability across other corridors
- Positions Denton as a leader in AI-enabled Vision Zero implementation

### **RECOMMENDATION**

Staff recommends approval of the Technology Project Identification resolution.

### **FISCAL INFORMATION**

Transportation Services is requesting \$800,000 in funding assistance from the TPI grant program. This funding request requires no local match contributions from the City of Denton.

### **EXHIBITS**

Exhibit 1 - Agenda Information Sheet

Exhibit 2 - Ordinance

Exhibit 3 – NCTCOG TPI Framework 2026 Notice of Funding Opportunity

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Farhan Butt, Ph.D., P.E., M. ASCE  
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