

Mingo Ruddell Quiet Zones

Design Contract

Construction Projects Manager
Tracy L. Beck, PE, PMP

Public Utilities Board
05/06/2024
PUB24-085

Project Background

Railroad Quiet Zone

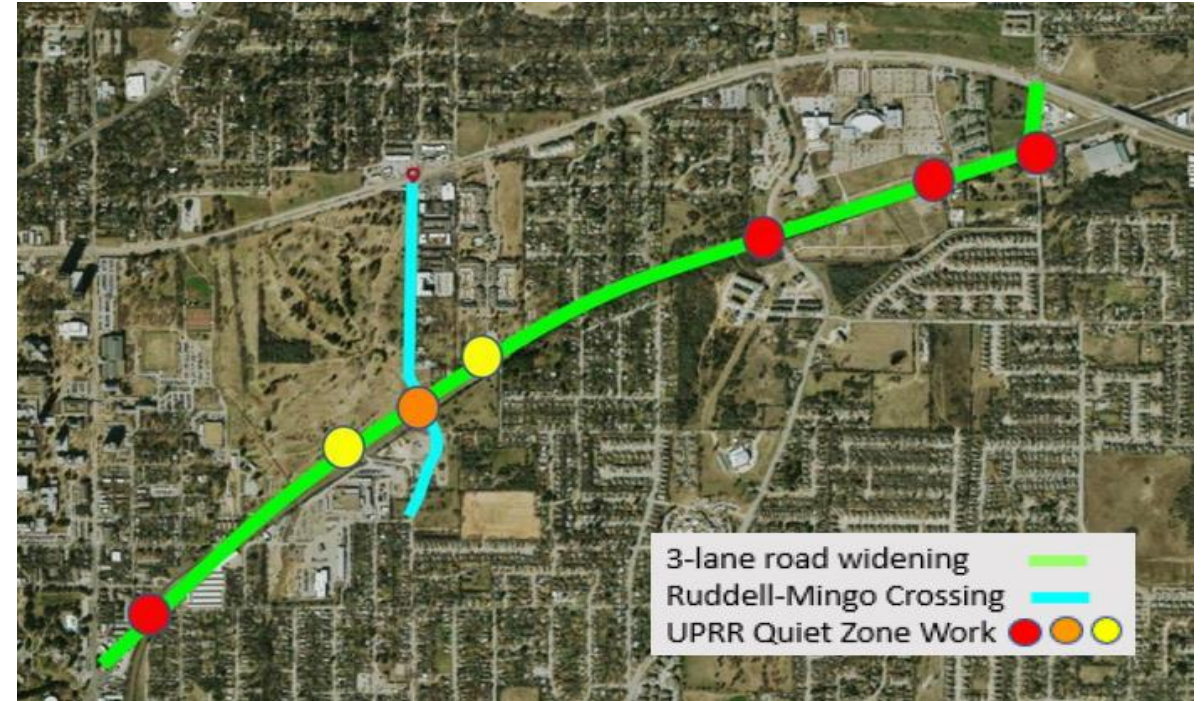
- 1 New Railroad crossing
- 6 Existing Railroad Crossings will be impacted

Road-Pedestrian-Bike-Drainage

- Approx 15,500 linear feet of Roadway
- Pedestrian/Bicycle facilities
- Streetlighting Photometric study and lighting installation
- Drainage study and improvements

Utilities

- Approx 8,600 linear feet of Water main replacement
- Approx 4,800 linear feet of Wastewater main replacement



Project Schedule*

- 05/06/24 (PUB) Design Contract
- 05/07/24 (City Council) Design Contract
- CM@R Design-Phase approval anticipated July 2024
- First construction package Q3 2025*
- Construction Project Complete Q4 2027*
- Construction dates are subject to change

Key Milestone	Start Date	Finish date
Define Project Scope	Q1 2024	Q1 2024
Design Firm Selection	Q1 2024	Q2 2024
CMAR Design Service Agreement	Q1 2024	Q3 2024
Design PS&E	Q3 2024	Q3 2026
Real Estate/Utilities/RR Clearance	Q3 2025	Q3 2027
Negotiate & Execute CMAR Construct. Services Agreement GMP(s)	Q3 2025	Q3 2027
Closeout	Q3 2027	Q4 2027

**All dates are subject to change as project develops*

Design and Cost Summary

Contract/Amendment	Cost	Fund Source	Summary of Item
Design Services (Lump Sum)	\$3,718,600	2023 Bond & Utility Funding	Topographic Survey; Geotech Analysis; Traffic Data; Alternative Analysis; Right-of-Way and Easement Documentation. Preliminary and Final Designs for: Roadway, Utilities, Bicycle-Pedestrian Improvements, Traffic Signals, and Illumination
Additional Services (Hourly)	\$2,921,800	2023 Bond & Utility Funding	Project Management, Coordination Meetings, Public Involvement, SUE Level A and B, RAS Specialist, Additional Drainage Study, Additional Traffic Signal Design, Construction Phase Services, Record Drawings, Right-of-Way staking, Property Acquisition Services, and Reimbursable Expenses
Total Contract Amount:	\$6,640,400		

Staff Recommendation

Adoption of an ordinance authorizing the approval of a design contract between the City of Denton and Kimley-Horn & Associates, Inc. for the Mingo Ruddell Roadway and Quiet Zones Project.

Contract is a not-to-exceed amount of \$6,640,400.00

Questions?