

CORRESPONDENCE/MEMORANDUM _____ STATE OF WISCONSIN

Date: 5/1/2022

Version 11.0

To: Jillene Fehrman, P.E.
Attn: Chief Proposal Management Engineer
Bureau of Project Development, Proposal Management Section

From: Amanda Johansen, PE
Project Manager
SE-WKE Region

Approved: Wafa Elqaq, PE
SE Freeways Design Supervisor

Subject: Project ID 1060-53-70
Various Noise Wall Locations
Locations on STN per Annual Plan
Various Highways
Southeast Regionwide

Additional Construction Projects Included in the Proposal:
N/A

Corresponding Design Project ID (s): 1060-53-00

Legislative Subprogram Code: Wafa Elqaq, PE

Bid Letting Date (for Bid Contracts): 11/8/2022

INTRODUCTION

We are submitting for your review and approval, the P.S.& E. for the proposed noise wall rehabilitation project. Major items of work include spot painting, replace support brackets, installation of steel angles, concrete surface repair, post replacement, panel replacement, traffic control and erosion control. The project is 0.0 miles in length and is located Milwaukee and Waukesha Counties. Milwaukee County has the greatest percentage of work.

Project Requested By or Purpose: To rehabilitate 13 existing noise walls, with 12 in Milwaukee County and 1 in Waukesha County

Consequences if not Approved: The existing noise walls will continue to deteriorate and require extensive maintenance and repairs, or possibly replacement.

Contract Type: LET

Alternative Contracting Methods Used: No

PS&E Due Date: 8/1/2022

Contract Completion Type: Choose an item.

Anticipated Construction Starting Date: 6/5/2023

Anticipated All Work Complete Date: 8/25/2023

Performance Miles: 0.0

The contact information for the PDS Chief is:

Brian Bliesner, PE Brian.Bliesner@dot.wi.gov

The contact information for the Project Supervisor is:

Wafa Elqaq, PE Wafa.Elqaq@dot.wi.gov

The contact information for the Project Manager is:

Amanda Johansen, PE Amanda.Johansen@dot.wi.gov

The contact information for the Project Leader is:

N/A N/A

The contact information for after advertising is:

Amanda Johansen Amanda.Johansen@dot.wi.gov

The Consultant contact information is:

Andy Smieja andy.smieja@daarcop.com Phone No. (414) 935-4350

The estimate was prepared by: Consultant

Consultant Company Name: DAAR Engineering

This project is on the National Highway System.

This project is subject to federal oversight.

The region is not requesting prequalification be waived for this proposal.

PS&E EXHIBITS

All PS&E Exhibits {See FDM 19-10-1 (1.2.1) Table 1.1} are not included in this submittal.

The digital data will be provided after Central Office has reviewed the final PS&E submittal.

PRE-BID MEETING

A Pre-Bid Meeting {See FDM 19-10-15} will not be held for this project. The pre-bid meeting N/A mandatory.

N/A

SYNOPSIS OF SIGNIFICANT APPROVALS, ACCEPTANCES OR COMPLETED ACTION:

<u>Description</u>	<u>Date</u>
Concept Definition Report	Not required
Final Environmental Document CEC	5/10/2021
Department of Natural Resources Final Concurrence	Pending
DNR 401 Water Quality Certification	Pending
WPDES Storm Water Discharge Permit Certification	Not required
Corps of Engineers Permit	Not required
Section 106 report	11/23/2020
Pavement Design	Not required
Exception to Standards	Not required
Design Study Report	8/24/2021
Hazardous Material, Site Reconnaissance	Not required
Asbestos Inspection	Not required
N/A	

ENVIRONMENTAL ISSUES/COMMITMENTS

Asbestos is not present on structures.

Business and Economics – During construction, traffic would be managed by means of full-time shoulder closures in the vicinity of each noise wall, which will have minimal impact on existing traffic. When more substantial work is required, such as replacing panels and/or posts, closures of lanes or ramps will only be permitted during evening and overnight hours, when volumes are lower and most businesses are closed.

Community – During construction, traffic would be managed by means of full-time shoulder closures in the vicinity of each noise wall, which will have minimal impact on existing traffic. When more substantial work is required, such as replacing panels and/or posts, closures of lanes or ramps will only be permitted during evening and overnight hours, when volumes are lower. Overnight lane or ramp closures would not be permitted during holidays.

Aesthetics – No special or supplemental commitments required.

Agriculture – No special or supplemental commitments required.

Relocations – No special or supplemental commitments required.

Indirect Impacts – No special or supplemental commitments required.

Cumulative Impacts – No special or supplemental commitments required.

Environmental Justice – No special or supplemental commitments required.

Historic Properties – No special or supplemental commitments required.

Burial Sites – No special or supplemental commitments required.

Tribal Lands – No special or supplemental commitments required.

Section 4(f) – No special or supplemental commitments required.

Section 6(f) or Other Specially Funded Lands – No special or supplemental commitments required.

Wetlands – Special provision language will be included indicating the contractor cannot establish temporary access to any noise walls through wetlands and no motorized vehicles can be operated within existing wetlands. The WisDOT Construction Project Manager will ensure this commitment is met.

Surface Water Resources – No special or supplemental commitments required.

Floodplains – No special or supplemental commitments required.

Groundwater, Wells and Springs – No special or supplemental commitments required.

Coastal Zones - No special or supplemental commitments required.

Unique Wildlife and Habitat Concerns – No special or supplemental commitments required.

Threatened and/or Endangered Species – No special or supplemental commitments required.

Air Quality – No special or supplemental commitments required.

Construction Sound – No special or supplemental commitments required.

Traffic Noise – No special or supplemental commitments required.

Hazardous Substances, Contamination and Asbestos – Spot painting of some noise will be completed. Bid items ‘Structure Overcoating, Cleaning and Priming’ and ‘Containment and Collection of Waste Material’ will be included in the project along with the applicable special provision articles. Preparation of surfaces will be by means of solvent and tool cleaning. Sandblasting will not be permitted. The WisDOT Construction Project Manager will ensure this commitment is met.

Stormwater – No special or supplemental commitments required

Erosion Control – In accordance with TRANS401, the contractor is required to prepare an Erosion Control Implementation Plan (ECIP) and submit the plan to WisDOT and WDNR for review, at least 14 days prior to the preconstruction conference. The WisDOT Construction Project Manager will ensure this commitment is met.

Other: USFWS – No special or supplemental commitments required.

PERMITS

N/A

RIGHT-OF-WAY

N/A

UTILITIES

This is a TRANS 220 project. Project plans were provided to utility companies having facilities within the project limits. There are no known utility adjustments needing to be made to accommodate the proposed scope of work.

SANITARY SEWER and WATER MAIN

N/A

RAILROADS

N/A

HAZARDOUS MATERIALS

N/A

DESIGN DATA

There are no deviations from previously approved design criteria.

STRUCTURES

N-40-006 – Spot painting of rusty areas on steel posts. Replace or repair damaged panels. Remove vegetation/trees that are damaging top of wall.

N-40-008 – Repair concrete spalling and apply a corrosion prohibitor and paint.

N-40-017 – Repair concrete spalling and apply a corrosion prohibitor. Replace any severely spalled posts. Repaint mounting brackets on structure-mounted portion over Oklahoma Avenue. Install steel angles to fully support bottom panels on structure mounted portion where panels are cracked.

N-40-033 – Spot painting of rusty areas on steel posts.

N-40-034 – Spot painting of rusty areas on steel posts and brackets. Either replace or add angle brackets to fully support between the posts to address two cracked and displaced/shifted panels. Apply protective coating on panels that experience freeze/thaw deterioration adjacent to highway. Trim brush on both sides of wall.

N-40-040 – Spot painting of rusty areas on brackets and shelf plate. Repair concrete spalling at structure mounted wall connection to bridge and spalling at connection bolts.

N-40-041 – Address shifting panels by installing steel angle supports.

N-40-042 – Spot painting of rusty areas. Address shifting panels by installing steel angle supports.

N-40-043 – Spot painting of rusty areas. Address shifting panels by installing steel angle supports.

N-40-046 – Spot rust removal and painting of angle bracket attachments to the barrier wall. Add steel angle support installations between existing support brackets to provide full support of two panels of the structure mounted portion that have little panel overlap with the posts.

N-40-047 – Spot painting of rusty areas. Address shifting panels by installing steel angle supports.

N-40-078 – Address shifting panels by installing steel angle supports.

N-67-001 – Spot painting of rusty areas. Remove vine vegetation. Replace or repair damaged/bulging panels.

LANDSCAPE ARCHITECTURE

N/A

TRAFFIC SIGNALS

N/A

TRAFFIC

During construction, traffic would be managed by means of full-time shoulder closures in the vicinity of each noise wall, which will have minimal impact on existing traffic. When more substantial work is required, such as replacing panels and/or posts, closures of lanes or ramps will only be permitted during off-peak and overnight hours, when volumes are lower. Overnight lane or ramp closures would not be permitted during holidays.

WisDOT approved the Transportation Management Plan on Pending.

The Finished Traffic Control Plan & Review Meeting was held on Pending

LIGHTING

N/A

This project is on the State Highway System and is state maintained.

This project is not on the State Highway System and is N/A.

SPECIAL PROVISIONS

The contract contains the following unusual specification modifications and/or unusual special SPV.xxx.xx items:

Item No. and Description

SPV.0060.01 Precast Sound Barrier Panel Support Repair

SPV.0060.02 Removing and Reinstalling Sound Panels

SPV.0060.03 Precast Noise Barrier Support Post Replacement

SPV.0060.04 Traffic Control Close-Open Freeway Service Ramp

SPV.0060.05 Traffic Control Close-Open Freeway to Freeway System Ramp

SPV.0060.06 Traffic Control Local Road Lane Closure

STANDARDIZED SPECIAL PROVISIONS (STSP's)

Revisions have been made to the following STSP's:

N/A

PLANS and PROPOSALS

The SE-WKE office requests 25 11"x17" size plans and 25 proposals for construction purposes.

SIGN DETAILS and SIGN PLATES

See FDM 19-10-15 for guidance

Required

NATIVE AMERICAN HIRING PROVISION

Is there a requirement? No If Yes, verify [tribal contact information](#) and provide information in the Special Provisions.

ADDITIONAL SPECIAL PROVISIONS (ASP's)

See FDM 19-10-15

ASP-1 Choose an item.

Total Graduate Hours per Proposal; Number of Graduates {Number of Graduates}; {Number of hours per project ID or N/A}

Total Apprentice Hours per Proposal; Number of Apprentices {Number of Apprentices}; {Number of hours per project ID or N/A}

ASP-3 is required in all federally funded contracts.

ASP-4 is required in all state and federally funded contracts.

ASP-5 Not Required

ASP-6 is required in all state and federally funded contracts.

ASP-7 is required in all state and federally funded contracts.

ASP-9 is required in all state and federally funded contracts.

FORCE ACCOUNT AGREEMENTS

Total Agreement Amount: N/A

Excluded Costs: N/A

Cost Effectiveness Findings for Force Accounts Agreements {See FDM 19-10-15} are not applicable.
N/A

N/A

POSTING OF PRELIMINARY PLANS

BPD will post preliminary plans on the HCCI for projects that meet the criteria. (See FDM 19-10-15 for guidance.)

Preliminary plans will be posted on the HCCI if one or more of the following answers is “yes”:

Does this project have 50,000 CY or more of earthwork? No

Does this project have any of the following unique structural components: No

- Steel Girders
- Specialty Steel
- Large Quantities
- Accelerated Bridge Construction (ABC)
- Specialized Construction (“Roll-ins,” etc.)

Is the engineer estimate for this project greater than \$20 million? No

Does the Region deem it appropriate to post preliminary plans for another reason? No

LABOR COMPLIANCE PREVAILING WAGE RATE DECISIONS

BPD will insert Davis Bacon prevailing wage rates into federally funded proposals based on the following criteria.

Highway construction wage rates (WI10) will be included in all contracts.

Bridge Construction over Federal Navigable Waterway? No

Sanitary Sewer and Water Line Construction? No

Is total estimate of sanitary sewer/water line work \$1,000,000 or greater? No

What percent of total contract estimate is sanitary sewer/water line work? 0%.

Building Construction (construction, rehabilitation and repair of sheltered enclosures with walk-in access for the purpose of housing persons, machinery, equipment, or supplies. Examples wayside building, salt shed, bridge tender house, etc.)? No

CONCLUSION

Please include the following state sign plates in the plan set.

D9-54
G-20-2A
R1-2
R3-1
R3-2
R11-2
W1-6
W1-7
W20-1
W20-5
W20-53
W21-5
W04-1
W04-2

CC: Central Office, Chief Contract Development Supervisor
Central Office, Bureau of Real Estate
Central Office, File

AJS:ajs

Date: 5/1/2022

Prepared By: Andy Smieja/DAAR Engineering

Subject: Project ID 1060-53-70
Various Noise Wall Locations
Locations on STN per Annual Plan
Various Highways
Southeast Regionwide

Legislative Subprogram Code Wafa Elqaq, PE

Let Date: 11/8/2022

Summary of Review Documentation	
Division of Transportation System Development DTSD and Division of Transportation Investment Management DTIM Reviews See FDM 19-10-5.11 & 19-10-15	Date of Completion State status of review, or not applicable, NA. Provide applicable information but strive for Date of Completion:
Bureau of Project Development	
Design & Construction Services Section	
• Project Development Unit	Pending
Regional Utilities Coordinator	Region responsibility (DT1080)
Structure Design Section	
• Preliminary Design	N/A – BOS declined to review
• Final Design Submitted to Bureau of Structures	Completed – 4/20/2022
Bureau of Traffic Operations	
Winter Operations and Roadside Management Section	Pending
• Pavement Maint. & Roadside Facilities	
• Landscape Architecture	N/A
Traffic Engineering Section	Pending
• Traffic Design (Signing & Marking)	
• Traffic Operations (Safety)	Pending
• Transportation Management Plan	Pending
Traffic Operations, Maintenance, and Electrical Section	
• Electrical Implementation Section (STOC)	N/A
• Intelligent Transportation Systems (STOC)	N/A
Bureau of Technical Services	
Contaminated Sites Team	
• Hazardous Materials	N/A
• Asbestos	N/A
Natural Resources Team	
• Wetlands	N/A
• Endangered Resources	Completed – 4/14/2021
Environmental Review & Analysis Team	
• Archeology / Historical Structures	Completed – 11/23/2020
• Air & Noise	N/A
• Erosion control / Storm Water Discharge	Pending
Bureau of Transit, Local Roads, Rails & Harbors	
Rail Engineering and Safety	Region responsibility (DT1804)
Bureau of Technical Services	
Acquisition and Services Section	Region responsibility (DT1899)