

Preble County Line Bridge Rehabilitation MOT-23-0.35, SFN 5738156

Construction Year: 1962
Rehabilitation Year: 1985 – Latex-Modified Concrete Overlay by Hydrodemolition
Superstructure: Four Span Continuous Steel Girder
Substructure: Capped pile abutments with piers on spread footings
Span Configuration: 72'-90'-90'-72' c/c bearing
Estimated Project Length: 750 feet
Right-of-Way Width: 60'-0"

Inspection Data:

Deck Rating	4-Poor
Superstructure Rating	7-Good
Substructure Rating	6-Satisfactory
General Appraisal	6

Preliminary Construction Estimate (FY '29): **\$2,619,160** [80/20 LBR/Local]

Design Contract Funding: 100% Local

Project Background: The Office of the Montgomery County Engineer has applied for LBR funding through the County Engineers Association of Ohio. The primary purpose of this project is to replace the concrete deck. However, the County recognizes that the existing steel girders may not meet requirements for HL-93 design loads, even with the addition of shear studs. This project was estimated to include replacement of the steel girders and modifications to the substructures to account for additional section depth of the new superstructure while maintaining the existing grade and alignment.

Anticipated Design Services (LPA Scope of Services will control in case of conflict below):

1. PDP Path 2
2. Structure type and feasibility study, including analysis of existing girders with the addition of shear studs for HL-93 loading.
3. Ecological survey of Twin Creek and surrounding area.
4. Hydraulic analysis, including causeway analysis for necessary permits.
5. Minor roadway design.
6. Maintenance of traffic design (full detour).
7. Topographic and boundary survey.
8. Right-of-way research and plan preparation.
9. Utility Coordination.
10. Level 1 Ecological Survey Report
11. Asbestos Survey

ODOT Prequalifications: **Level 2 Bridge Design**
 Level 1 Bridge Inspection
 Non-Complex Roadway Design
 Limited Right of Way Plan Development
 Ecological Surveys
 Regulated Materials Review

Anticipated Utilities:

Electric-	AES Ohio
Gas-	Centerpoint Energy
Water-	Jefferson Regional Water
Communication-	AT&T Telecommunications, Frontier Communications, Spectrum Cable

Potential Stakeholders: Preble County Engineer and Jackson Township

Selection Subfactor: Prime consultants will maintain ODOT prequalification in Level 2 Bridge Design, Level 1 Bridge Inspection, and Non-Complex Roadway Design.

Contract Type: Cost-plus net fee (11%)

Anticipated Consultant Selection Schedule:

Solicitation for Consultant Services-	September 4, 2024
Letters of Interest Due to Montgomery County	September 27, 2024
Notification of Selected Consultant-	October 2024
Commencement of Contract-	December 2024