

MassDOT Highway Construction Contract: 127064 Worthington – Reconstruction and Related Work on Route 143 (Phase II)

September 18, 2024



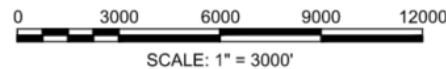
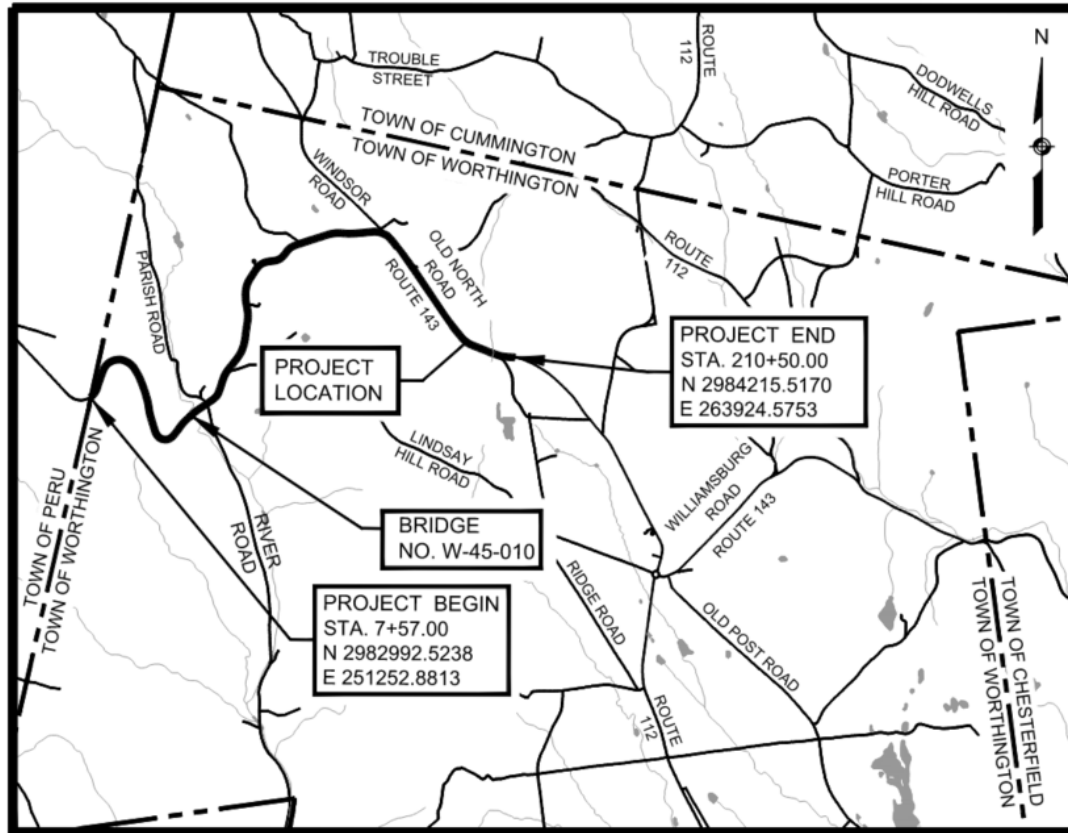
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Project Location

Route 143 (Old North Road) in Worthington (From Peru Town Line to Cold Street)

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LENGTH OF PROJECT = 20,293.00 FEET = 3.843 MILES

Overview

Scope of Services

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- Pavement rehabilitation and related work on approximately 3.9 miles of Route 143 (Old North Road) from the Peru Town Line to Cold Street in the Town of Worthington.
- Other related work includes: upgrading non-compliant guardrail and end treatments as required; removing ledge within clear zones and sight lines; stormwater improvements including culvert replacements and cured-in-place pipe lining; box culvert construction; retaining wall construction; installation of milling mulch beneath guardrail and at eroded shoulders; wetland restoration and replication; installing final pavement markings, temporary traffic control; replacing signs, removing and resetting signs; implementing all safety controls and signing required for the necessary work zones; and other incidental items of work as determined by the Engineer.
- No bridge work is proposed to be included in this project.

Overview

Purpose & Need/Traffic Impacts

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Purpose & Need

- Existing pavement has degraded to a poor level and requires full depth reconstruction. This will improve the pavement serviceability, condition, and roadway safety.
- Widening of the roadway is proposed for improved bicycle, pedestrian, and vehicular safety.
- Existing guardrail and drainage structures need to be upgraded.

Traffic Impacts

- Lane closures will have impacts to the overall traffic pattern with one lane of alternating traffic in each direction. A detour is proposed while the box culvert is being constructed and the roadway is closed.
- The proposed schedule for operations shall be the standard 8-hour day, 5-day week, unless otherwise authorized by the Engineer and with certain exceptions for holidays.
- Construction will take approximately four years to complete.

Procurement and Budget

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- Project Advertised July 13, 2024
- Engineer's Estimate was \$15,939,503.00
- Bid Opening was August 13, 2024
- Seven (7) Bids were received:

Morais Concrete Service Inc	\$16,923,464.00
J L Raymakers & Sons Inc	\$17,532,500.10
Baltazar Contractors Inc	\$17,678,234.20
J H Maxymillian Inc	\$18,564,415.00
Ludlow Construction Co Inc	\$20,108,569.70
Rifenburg Contracting Corporation	\$21,842,525.60
E T & L Corp	\$24,533,462.00

Line Item	Budget
Bid Amount	\$16,923,464.00
Contingencies (10%)	\$1,692,346.40
Construction Engineering (5%)	\$ 846,173.20
Traffic Police	\$720,000.00
Trainees	<u>\$4,000.00</u>
Total	\$20,185,983.60

- Funding: (FA) Federal Aid – Surface Transportation Block Grant (STBG) Funding and Transportation Alternative Program (TAP) Funding

Request of the MassDOT Board

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- Staff request that the Capital Programs Committee recommend to the MassDOT Board to authorize the Secretary of the Massachusetts Department of Transportation, or her designee, to award and execute MassDOT Construction Contract 127064 – Worthington- Reconstruction and Related Work on Route 143 (Phase II) from the Peru Town Line to Cold Street, with Morais Concrete Services, Inc, in the amount of \$16,923,464.00.

Thank You

