



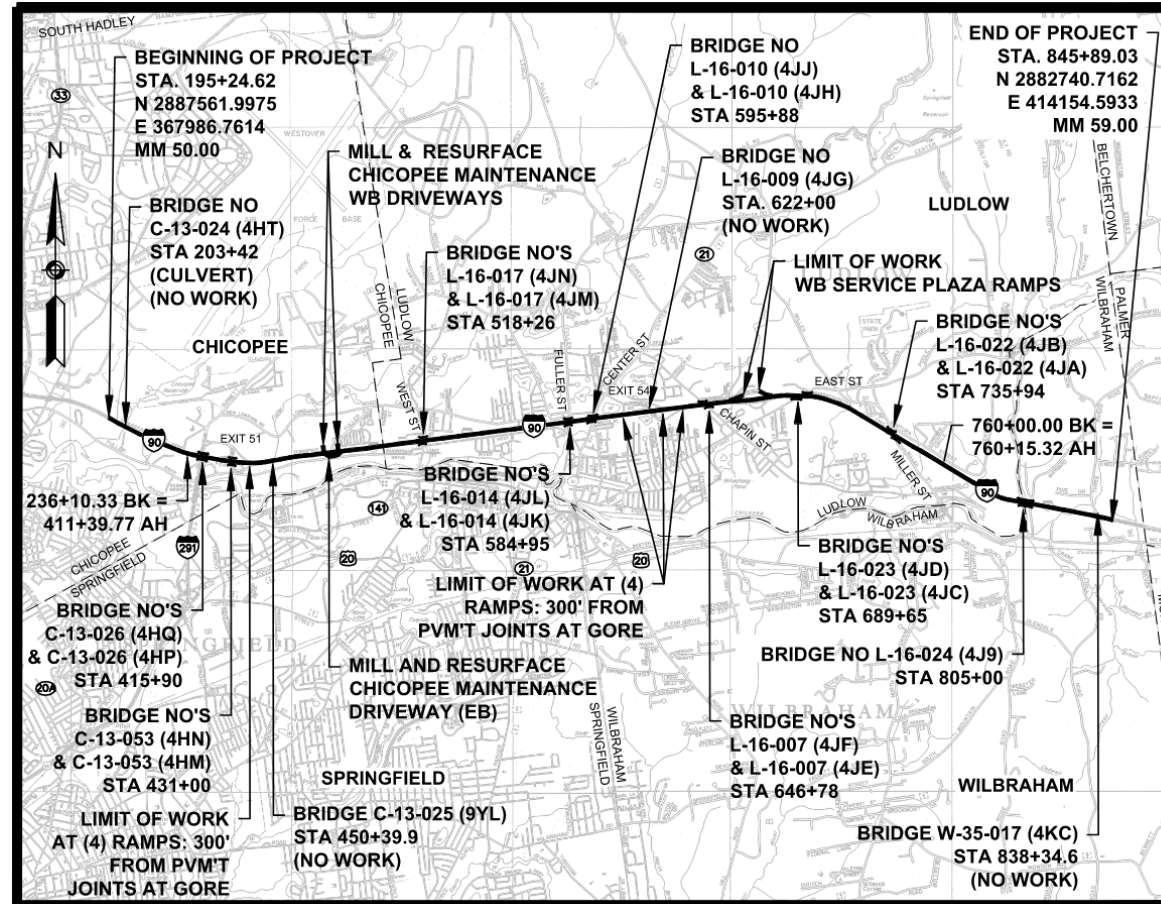
**MassDOT Highway Construction Contract: 121541**

**Chicopee-Ludlow-Wilbraham (607693) – Resurfacing and  
Related Work Along a Section of I-90**

Board Meeting

June 22, 2023

# Project Location



# Overview



- The work to be completed under this contract consists of resurfacing a portion of Interstate 90 through Chicopee, Ludlow and Wilbraham. The project extends from MM50.0 in Chicopee to MM59.0 in Wilbraham, totaling 9.0 miles.
- The work consists of fine milling 2 inches of existing pavement and resurfacing with 3.5 inches of Asphalt Rubber Gap Graded – 12.5 (ARGG – 12.5).
- Pavement resurfacing, bridge deck repair, and joint repair/replacement shall occur on 17 bridges within project limits.
- Construction will take approximately 4 years to complete; staged to maintain 1 lane of traffic in each direction at all times

# Purpose and Need

- Existing pavement has degraded to a poor level and requires resurfacing. Resurfacing will improve the pavement serviceability, condition and roadway safety.
- Superstructures of bridges have deteriorated and require routine maintenance work.

# Construction Scope



## Interstate 90:

- Fine milling 2 inches of existing pavement and resurfacing with 3.5 inches of Asphalt Rubber Gap Graded – 12.5 (ARGG – 12.5)
- Replacement of Concrete Median Barrier
- Bridge maintenance of 17 bridges throughout the corridor
- Excavation of roadway shoulders to restore country drainage
- Adjustment/rebuilding of drainage structures and paved waterways
- Replacing existing with MASH compliant guardrail, hardware and end treatments

# Traffic Impacts

- Lane shifting will have minor impacts to the overall traffic pattern.
- One lane of traffic in each direction will be maintained at all times.
- The proposed schedule for nighttime operations shall be a 10-hour day, 4-day week. The work shall be conducted between the approved hours of 7:00 PM and 5:30 AM unless otherwise authorized by the Engineer and with certain exceptions for holidays.

# Procurement



- Project was advertised March 4, 2023
- Engineers Estimate was \$28,443,987.00
- Bid Opening was May 9, 2023
- Two (2) bids were received:
  - **Palmer Paving Corp** **\$38,691,846.25**
  - Warner Bros LLC **\$42,598,033.50**



# Overall Project Budget



Line Item	Budget
Bid Amount	\$38,691,846.25
Contingencies	\$3,869,184.62
Construction Engineering	\$1,934,592.31
Traffic Police	\$1,564,419.29
<b>Total</b>	<b>\$46,060,042.47</b>

- Western Turnpike (WT) Funding



# Request of the Board



- Staff request that the MassDOT Board authorize the Secretary of the Massachusetts Department of Transportation, or her designee, to award and execute MassDOT Construction Contract 121541: Interstate 90 Resurfacing and Related Work with Palmer Paving Corp in the amount of \$38,691,846.25.