

MassDOT Highway Construction Contract: 123409

Rehabilitation of Route 5 Holyoke and West Springfield MassDOT Board of Directors

November 15, 2023



Table of Contents

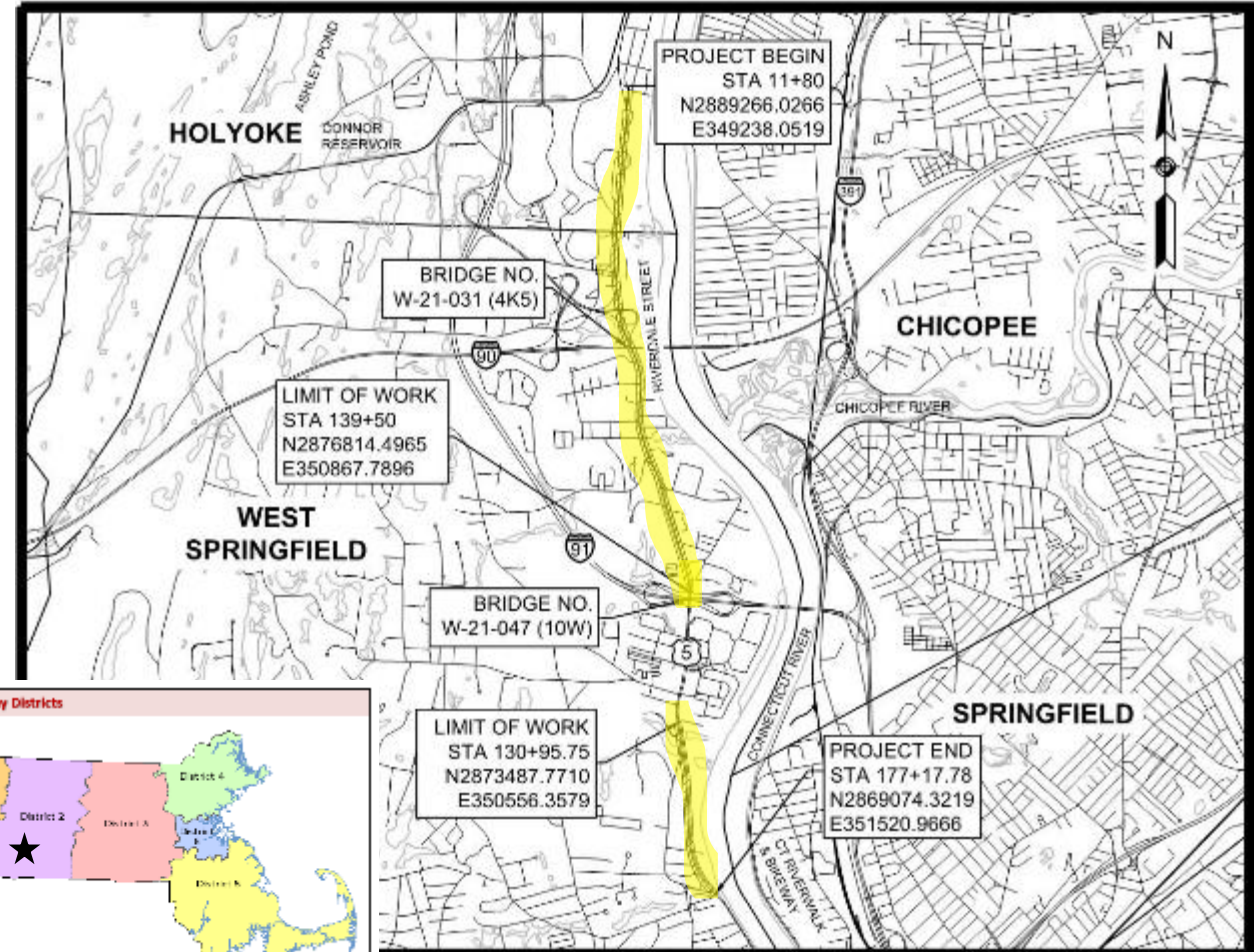
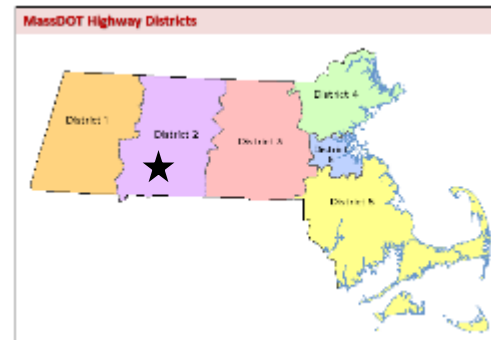
3	Project Location
4	Overview
6	Procurement & Budget

Project Location

Rehabilitation of Route 5 in Holyoke and West Springfield

3

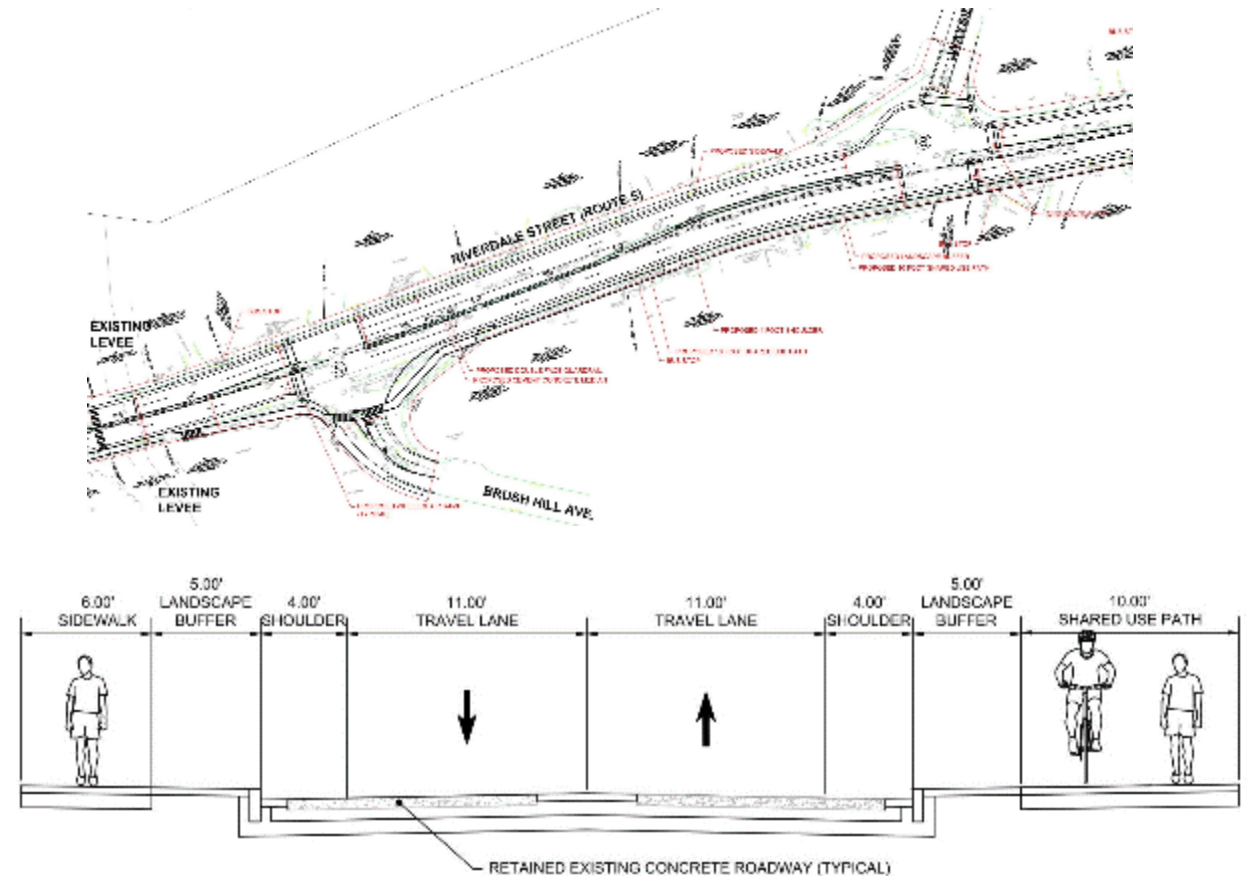
Project Limits



Overview

4

- 3.2 Mile total project length, 2 segments
- Concrete roadway rehabilitation pilot project
- Northern Seg. approx. 2.2 miles from Int. 13, W. Springfield to Main St. Holyoke, includes repair and resurfacing to concrete pavement, installation of new concrete pavement at the intersections:
 - Route 5 at Highland Avenue
 - Route 5 at Brush Hill Avenue/Wayside Avenue
 - Route 5 at Ashley Avenue
- Project includes bicycle and pedestrian accommodations to meet Healthy Transp. Policy
- Signalized intersections reconstructed w/new equipment & address road safety audits
- Southern portion, approx. 1 mile from Elm St. to North Elm St., W. Springfield, will include:
 - Construction of new sidewalks & upgrades to existing sidewalks into compliance with ADA regulations & Healthy Transp. Policy
 - Traffic signal equipment upgrades, new crosswalks & pedestrian/bike related imp.
- New 12-inch water main by W. Springfield Riverdale Street from Holyoke Town Line to I-91 Int. 13



Overview continued

Public Outreach, Permitting, and Construction Management

5

Public Outreach:

- 10% Design Open House – 4/25/2019
- Design Public Hearing – 7/15/2020

Permits on the project include:

- Negative Determination of Applicability (Holyoke Con Com)
- Order of Conditions (West Springfield Con Com)
- NPDES Construction General Permit (CGP)

Construction Management Approach:

- Normal construction practices will be phased to maintain access and accessibility to all modes for the full contract duration. Methods will be included within the contract documents to provide continuous work zone signage, traffic signal operations and ADA compliant pedestrian accommodation.
- Anticipated Construction Duration is 45 months from NTP.



Procurement and Budget

6

- Project Advertised July 29, 2023
- Engineer's Estimate was \$32,206,170.00
- Bid Opening was September 19, 2023
- Two (2) Responsive Bids were received:

Ludlow Construction Co Inc	\$53,546,148.00
E. T. & L. Corp.	\$55,170,698.00

Line Item	Budget
Bid Amount	\$53,546,148.00
Contingencies	\$4,191,503.15
5% Construction Engineering	2,727,507.40
Traffic Police (incl OT)	\$1,000,000.00
Trainees	\$4,000.00
Utilities	\$1,295,033.00
Total	\$ 62,764,191.55

- FA – Ntl. Hwy Perf. Program (NHPP) – NHS
- FA – Congestion Mitigation/Air Quality (CMAQ)
- Funding Split is 80% Federal Aid and 20% State (NFA)
- Municipal Grant- Water Main

Request of the MassDOT Board

Staff request that the MassDOT Board authorize the Secretary of the Massachusetts Department of Transportation, or their designee, to award and execute MassDOT Construction Contract 123409: Rehabilitation of Route 5, Holyoke-West Springfield with Ludlow Construction Co Inc in the amount of \$53,546,148.00.

Thank You

