

Chicopee – Bridge Replacement, I-391 Over (St 116) Chicopee Street

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Overview

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- Investment In Western MA Infrastructure
- Replacement of a major National Highway System bridge in poor condition that carries approximately 30,000 vehicles daily, providing a vital transportation connection for residents, commuters, and businesses traveling between Chicopee, Holyoke, and surrounding communities
- Restore I-391 to three full three lanes in each direction – left lanes have been closed since 2019 due to structural deterioration
- Conditions on Chicopee Street beneath the bridge will also be improved including enhancements to the Vietnam Veterans' Memorial Park
- Project Investment meets Beyond Mobility priorities for **Reliability**, **Travel experience**, and **Destination Connectivity**.



Project Location

Project Scope

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Bridge Work:

- replacement of the bridge carrying I-391 (State Route 116) over Chicopee Street
- Incidental reconstruction of I-391 approaches to the bridge
- Median barrier reconstruction
- Milling and overlay within the project limits

Work on local facility below:

- Sidewalk and pedestrian curb ramp reconstruction
- Lighting improvements
- Parking lot reconstruction
- Park rehabilitation
- Pavement milling and overlay along Chicopee Street, Margaret Street, Perrault Street, Whitman Street, and St. Louis Avenue



Public Review and Construction

Outreach, Permitting and Construction Management

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Public Review:

- Public Information Meetings held on April 23, 2025 and October 8, 2025
- Design Public Hearing (DPH) on December 15, 2025

Permitting:

NEPA (Section 7, Section 106 and CE); Hazmat; LWCFA Section (6)

Construction Management:

- Design-Build Project- District 2 Construction
- Construction Duration- 5.6 years
- Phased replacement – one direction at a time



Procurement and Budget

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Advertisement (RFP): May 2, 2026

Engineers Estimate: \$145,760,000.00

Bid Opening: October 7, 2026

Best Value Calculation					
			Shortlisted Teams (Design Builders)		
			Manafort Brothers Inc	DW White Northern JV	McCourt Aetna JV
Technical Scores			87.490	88.860	79.390
Price Proposal			\$119,271,831.00	\$123,267,135.00	\$133,033,119.00
Overall Value Rating = Price Proposal / Technical Scores			1,363,262.44	1,387,206.11	1,664,370.31

Line Item	Budget
Bid Amount	\$119,271,831.00
Contingencies (~10%)	\$11,969,018.10
Construction Engineering (5%)	\$6,315,791.55
Traffic Police	\$7,000,000.00
Railroad Flaggers	\$40,000.00
Trainees	\$4,000.00
Total	\$144,600,640.65

Project is programmed with Next Generation Bridge Funds

Questions from Capital Programs Committee

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Q1. Was detour of traffic considered to help expedite the bridge replacement and reduce stages?

A1. MassDOT engaged with local officials, stakeholders and community members from both Chicopee and Springfield to develop a plan to tackle this bridge project while least impacting surrounding communities. The phased approach to construction was chosen to reduce impacts to local roads and neighborhoods by keeping the significant volume of passenger and truck traffic within the interstate corridor.

Q2. How will traffic be managed during construction?

A2. The contract requires the Design Build team to develop a traffic management plan for the project and engage with the community in advance of meaningful changes during construction. Closure of any facility will be contingent upon approved detour plans, and only occur within approved, off-peak windows.

Q3. All bids were below the engineer's estimate, are there any commonalities across the proposals?

A3. When developing base technical concepts for design build projects, MassDOT favors a conservative approach to ensure project feasibility. All three bidders proposed alternative technical concepts which satisfied project requirements while utilizing a more efficient bridge structure.

Request of the MassDOT Board of Directors

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The Price Proposals were reviewed by engineers in Construction, Construction Contracts, Project Management, and the Design Consultant; costs were found to be reasonable and recommended to be awarded to the apparent low bidder.

This contract was presented and unanimously approved by the Capital Programs Committee at the October 14th meeting.

Request of the MassDOT Board

Staff request that the MassDOT Board of Directors authorize the Secretary of the Massachusetts Department of Transportation, or their designee, to award and execute MassDOT Construction Contract 134319 – Bridge Replacement, C-13-038, I-391 Over (St 116) Chicopee Street in Chicopee, MA, with **Manafort Brothers Inc.**, for the amount of **\$119,271,831.00.**

Thank You

