



MassDOT Highway Construction Contract: 115641
Roadway Reconstruction and Related Work on Route 138
Town of Raynham

MassDOT Board of Directors
October 2021

Project Location

Project Limits

Southern Segment:

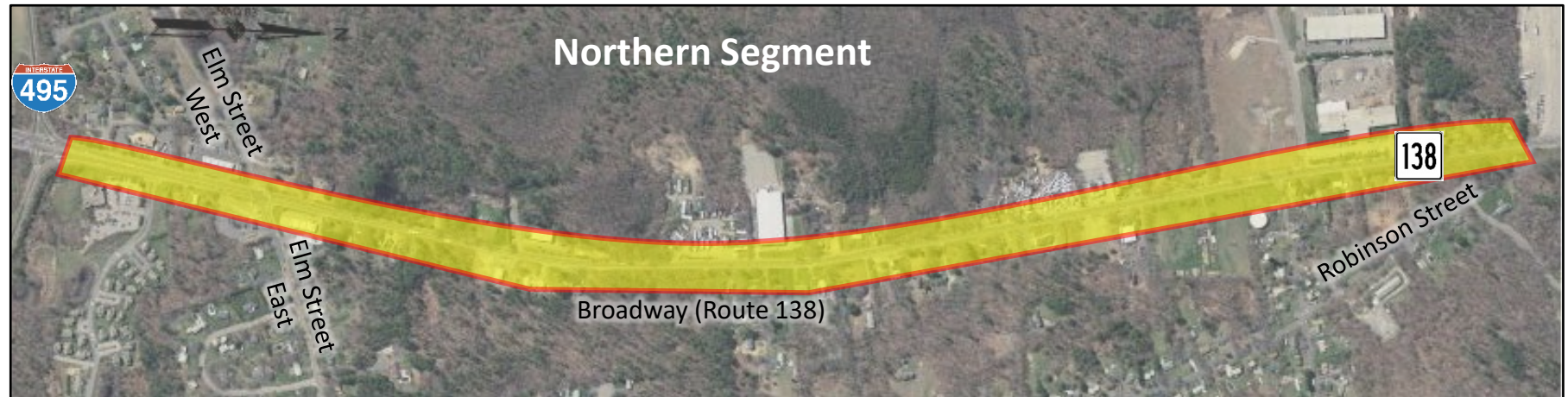
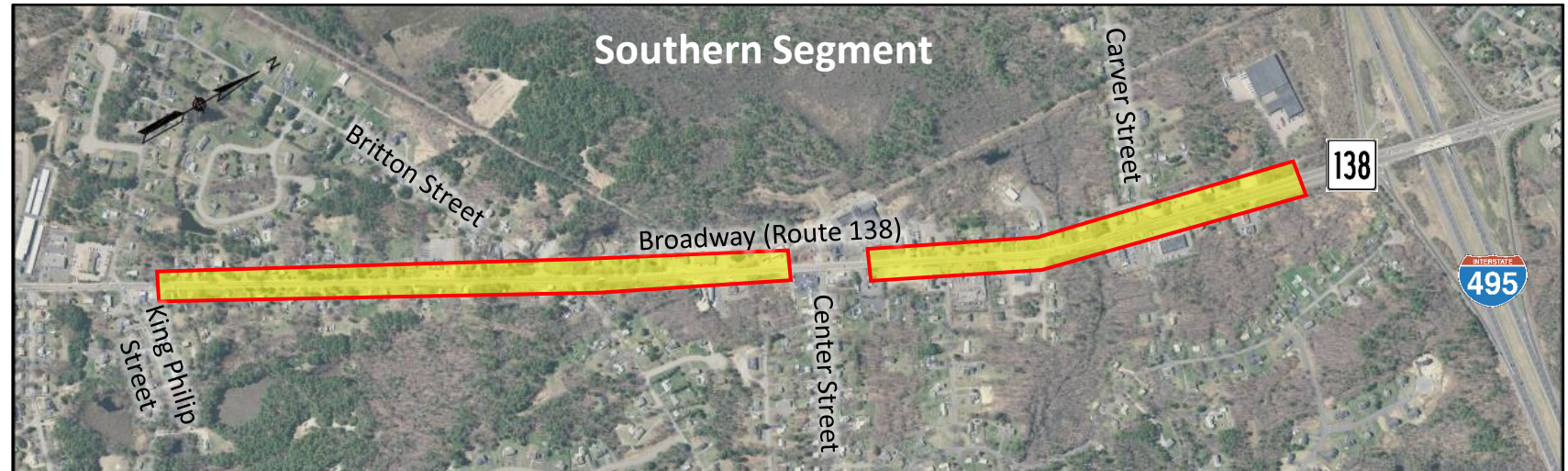
North of King Phillip Street to South of I-495 ramps, with an exclusion at Center Street

Northern Segment:

North of I-495 ramps to North of Robinson Street

Total Project Length

2.86 Miles



Purpose and Need



Project Goals

- Resurface and Reconstruct Pavement
- Enhance Safety at Britton, Richard, Carver and Elm Street Intersections
- Provide ADA Compliant Pedestrian Accommodations
- Provide Bicycle Accommodations

Purpose and Need (cont'd)

Deteriorating Pavement



Poor pavement and missing markings at Carver Street intersection looking north



Patching and cracking on the Route 138 Northern segment looking south

Purpose and Need (cont'd)

Lacking Bicycle Accommodations



Route 138 south of Center Street looking North

Deficient Pedestrian Accommodations



Pedestrian Crossing at Elm Street
looking west

Traffic and Safety Needs



Frequent Crashes

- Over 150 crashes along Broadway (Rte 138) Corridor during a 4-year period
- Intersection of Broadway (Rte138) at Carver Street is ranked #101 on MassDOT's Top 200 Crash Cluster list for the period 2015-2017
- Intersection of Broadway (Rte138) at Elm Street was classified as a Highway Safety Improvement Program (HSIP) cluster for the period from 2012-2014.
- Majority of crashes along the corridor occurred at the 2 intersections above and were primarily angle-type crashes.

Construction Scope



Improvements with Resurfacing and Related Work on Route 138:

- Remove existing concrete subbase and Replace with Full Depth Pavement
- Provide ADA Compliant Pedestrian Accommodations
- Provide Sidewalks and Bicycle Accommodations on both sides of corridor
- Replace and Improve Drainage System
- Improve treatment of runoff with Stormwater BMP
- Relocate existing sanitary sewer and water utilities
- Install new non-participating watermain for the North Raynham Water District
- Culvert Improvements and Extensions

Construction Scope (cont'd)

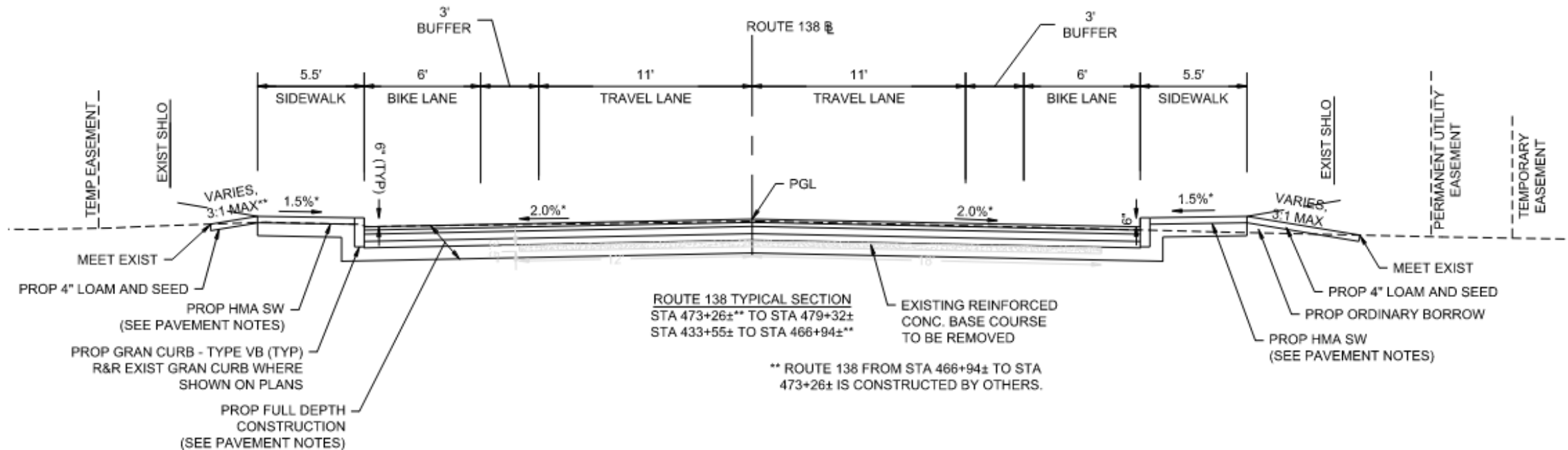


Improvements with Resurfacing and Related Work on Route 138:

- Upgrade existing traffic signals/controls at existing signalized intersections
- Install emergency vehicle preemption at signalized intersections
- Provide pedestrian and bicycle accommodations at the existing signalized intersections
- Install RRFB at midblock crossing between Britton Street and Center Street
- Provide exclusive left-turn lanes at signalized intersections
- Update signage throughout the corridor

Construction Scope (cont'd)

Typical Section Route 138

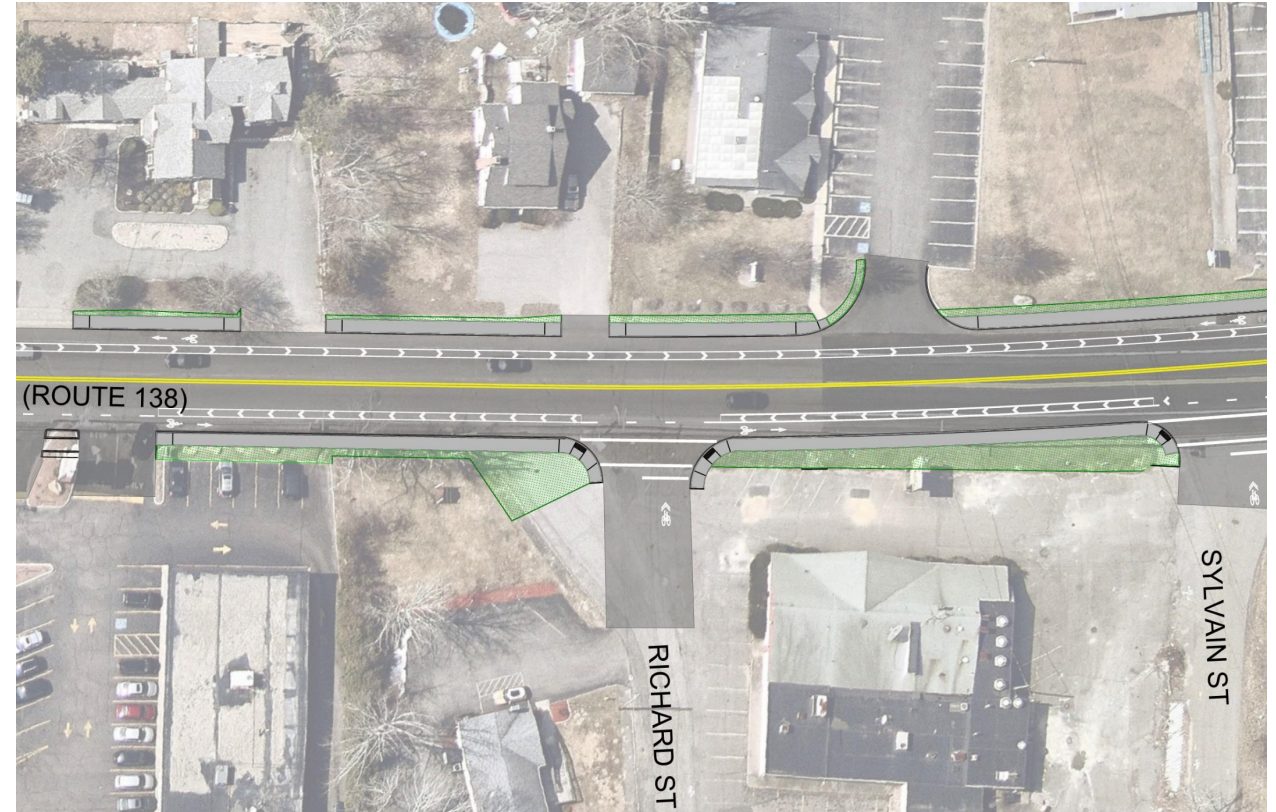


Construction Scope (cont'd)

Proposed Improvements:



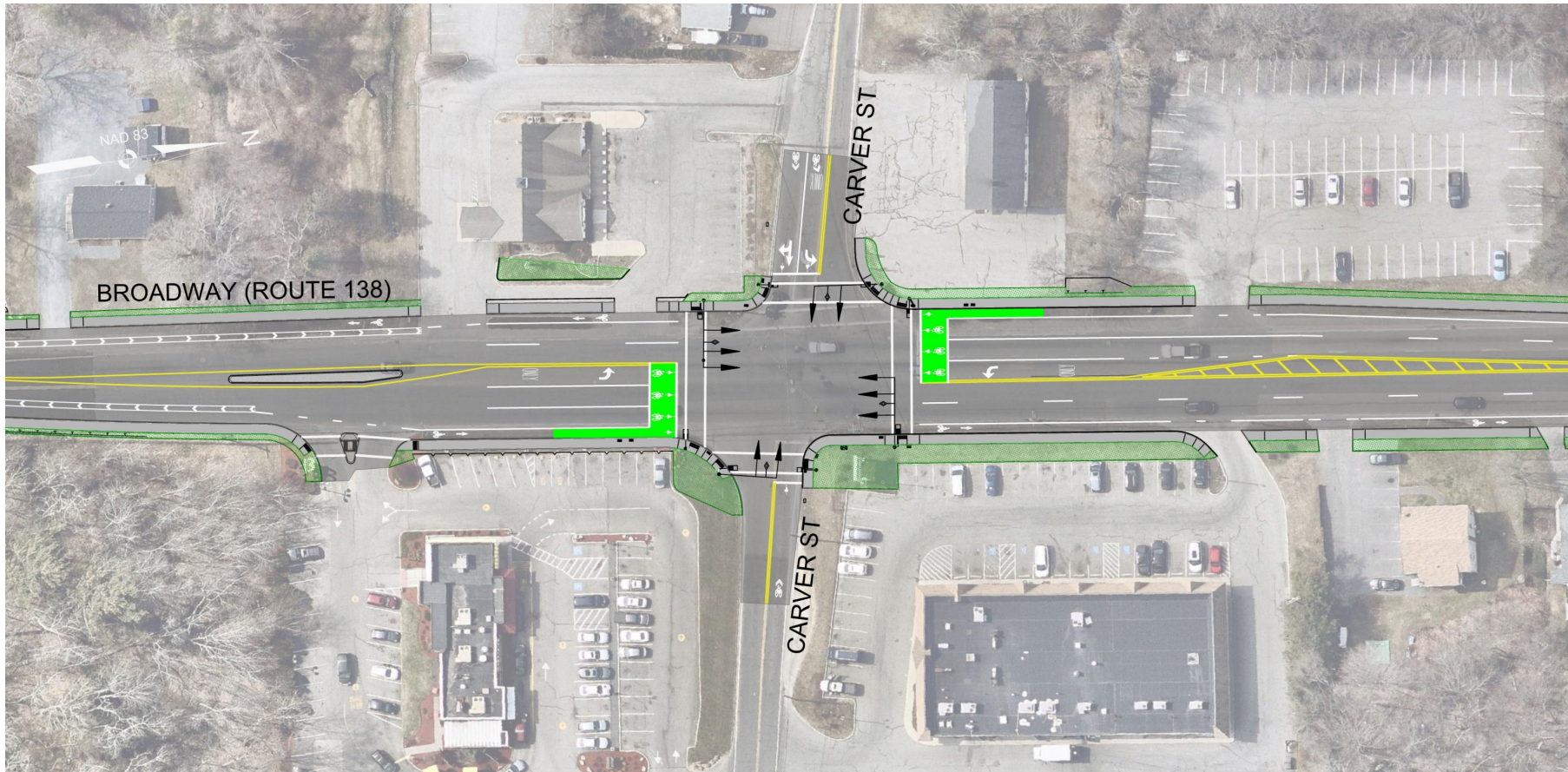
Britton Street



Richard Street

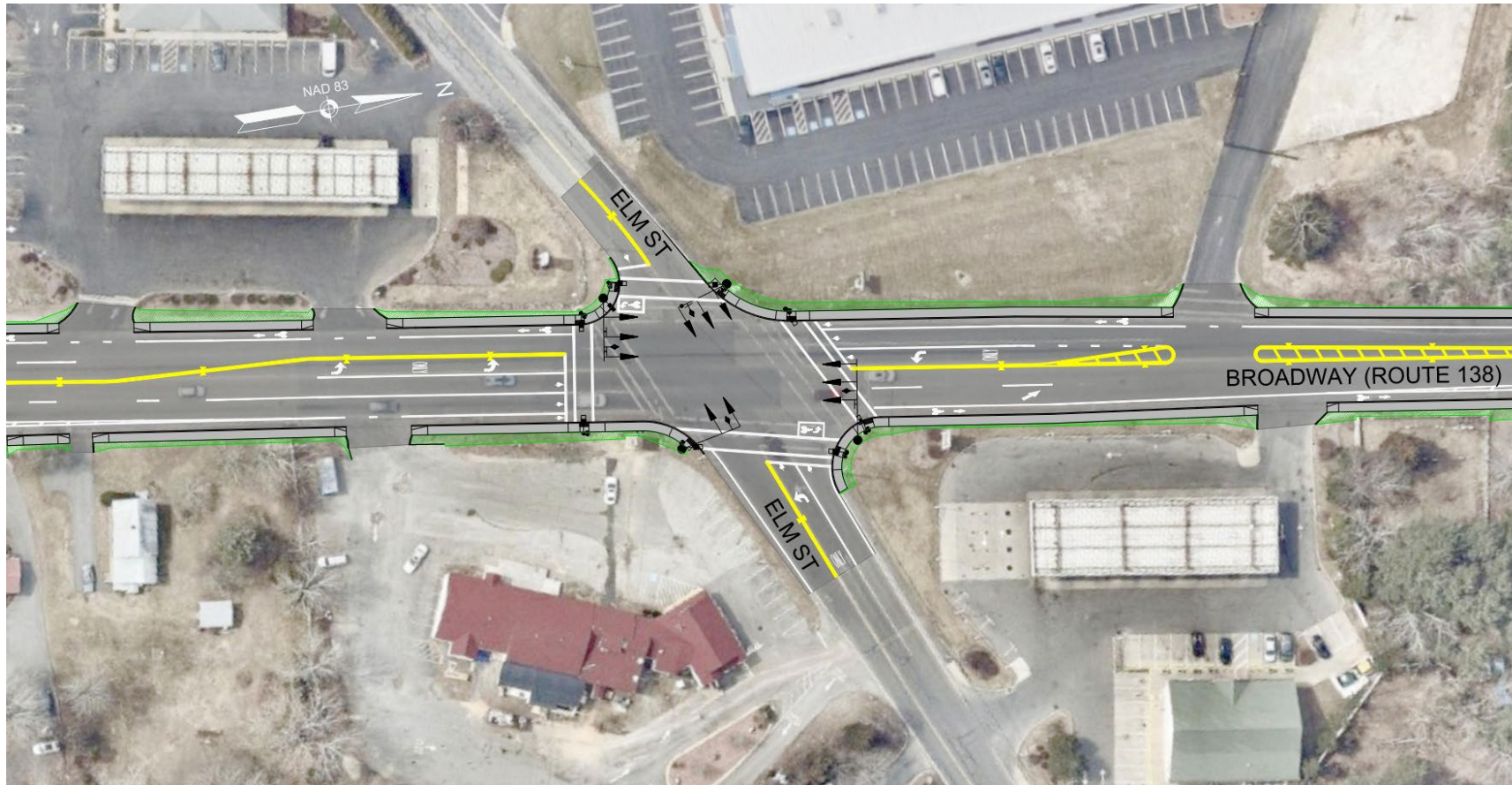
Construction Scope (cont'd)

Proposed Improvements: Carver Street



Construction Scope (cont'd)

Proposed Improvements: Elm Street



Procurement



- Project was advertised July 31, 2021
- Engineers Estimate was \$16,106,757.50
- Bid Opening was September 8, 2021
- Six (6) bids were received:
 - JH Lynch & Sons Inc. \$17,646,357.00
 - Baltazar Contractors Inc. \$17,900,377.00
 - AR Belli Inc. \$18,439,916.00
 - P Gioioso & Sons Inc. \$18,866,140.00
 - RJV Construction Corporation \$20,124,658.00
 - Aggregate Industries NE Region Inc. \$20,276,134.23

Overall Project Budget



Line Item	Budget
Bid Amount	\$17,646,357.00
Contingencies	\$ 1,764,635.70
Construction Engineering	\$ 882,317.85
Total	\$ 20,293,310.55

- \$13,536,267.50 cost for this construction contract is funded with 80% Federal Highway Funds and 20% State funds.
- \$2,395,699.00 cost for this construction contract is funded with 90% Federal Highway Funds and 10% State funds.
- \$47,430.00 cost is funded with 100% State Funds
- \$127,361.00 cost is funded by the Town of Raynham
- Programmed Cost in 2021 TIP: \$22,373,775.00

Request of the Committee



VOTED

To authorize the Secretary/CEO, or his designee, to award and execute MassDOT Construction Contract No. 115641 for roadway reconstruction and related work on sections of Route 138 in Raynham with J.H. Lynch & Sons, Inc., in a form approved by the General Counsel, in the amount of \$17,646,357.