

Town of Middleton awarded
\$2,000,000 MassWorks Grant!

How did we get here?



October 27, 2023



39 Page Corridor Study with focus on Rt. 114 @ Rt.62 is completed

May 14, 2024

Article 22 passes at Annual Town Meeting, authorizing the Select Board to accept an easement at the Angelica's site for the purposes of applying for a MassWorks Grant to make improvements at Rt.114 @ Rt.62 to improve traffic conditions. Passes "...by an overwhelming 2/3rds vote".

May 31, 2024

Town of Middleton submits application for MassWorks Grant.

June 18, 2024

Town of Middleton Select Board approves development agreement for Angelica's site, accepting easement at corner of Rt.114 @ Rt.62.

October 11, 2024

Town of Middleton receives notice of approval for \$2,000,000 MassWorks Grant.

The Corridor Study

Prepared by Vanasse & Associates, Inc. in response to existing traffic concerns as well as project additional trips generated by development of Angelica's site.

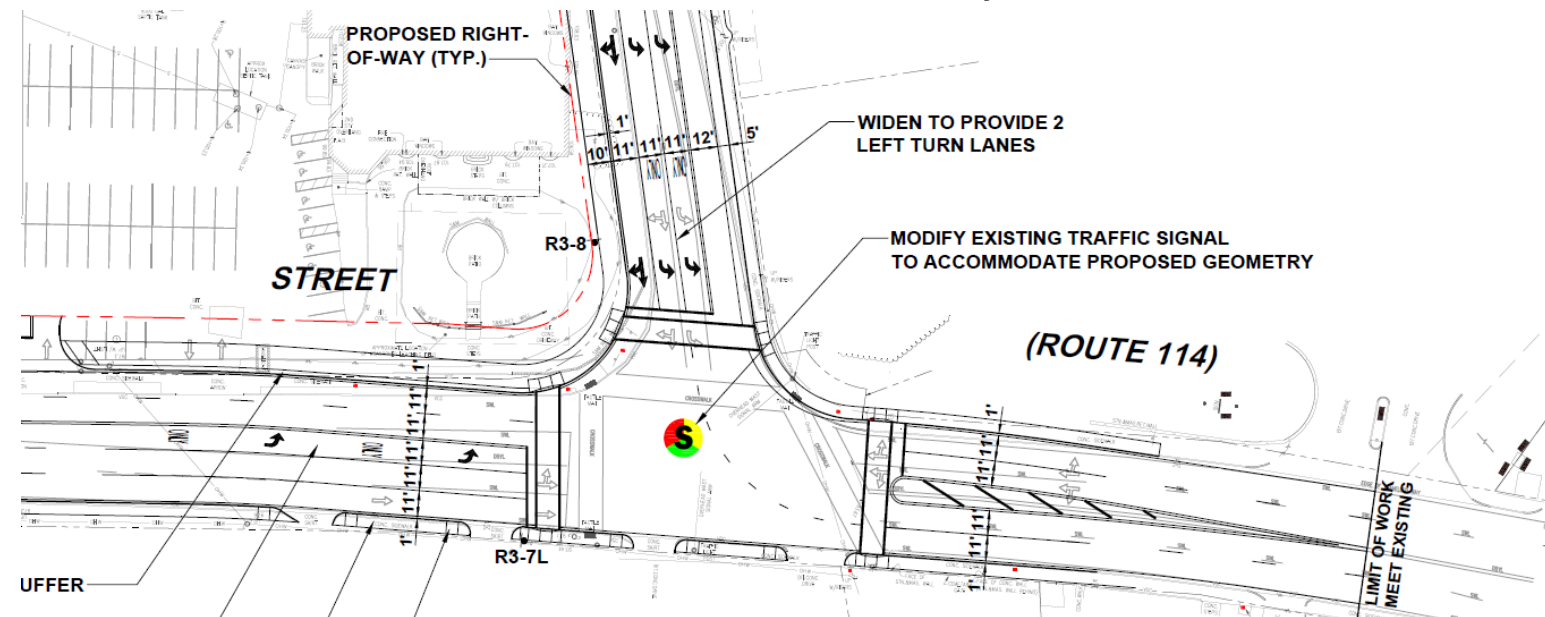
Peer Reviewed by TEC (who would later be tapped by the Town to assist in applying for MassWorks, given their knowledge of the intersection).



Existing conditions: Three intersections – Level of Service: **F** (Failing)
Volume to Capacity Ratio – Exceeds 2.0 during peak commuter periods
1.0 is considered “at capacity”. Current conditions are over twice capacity.

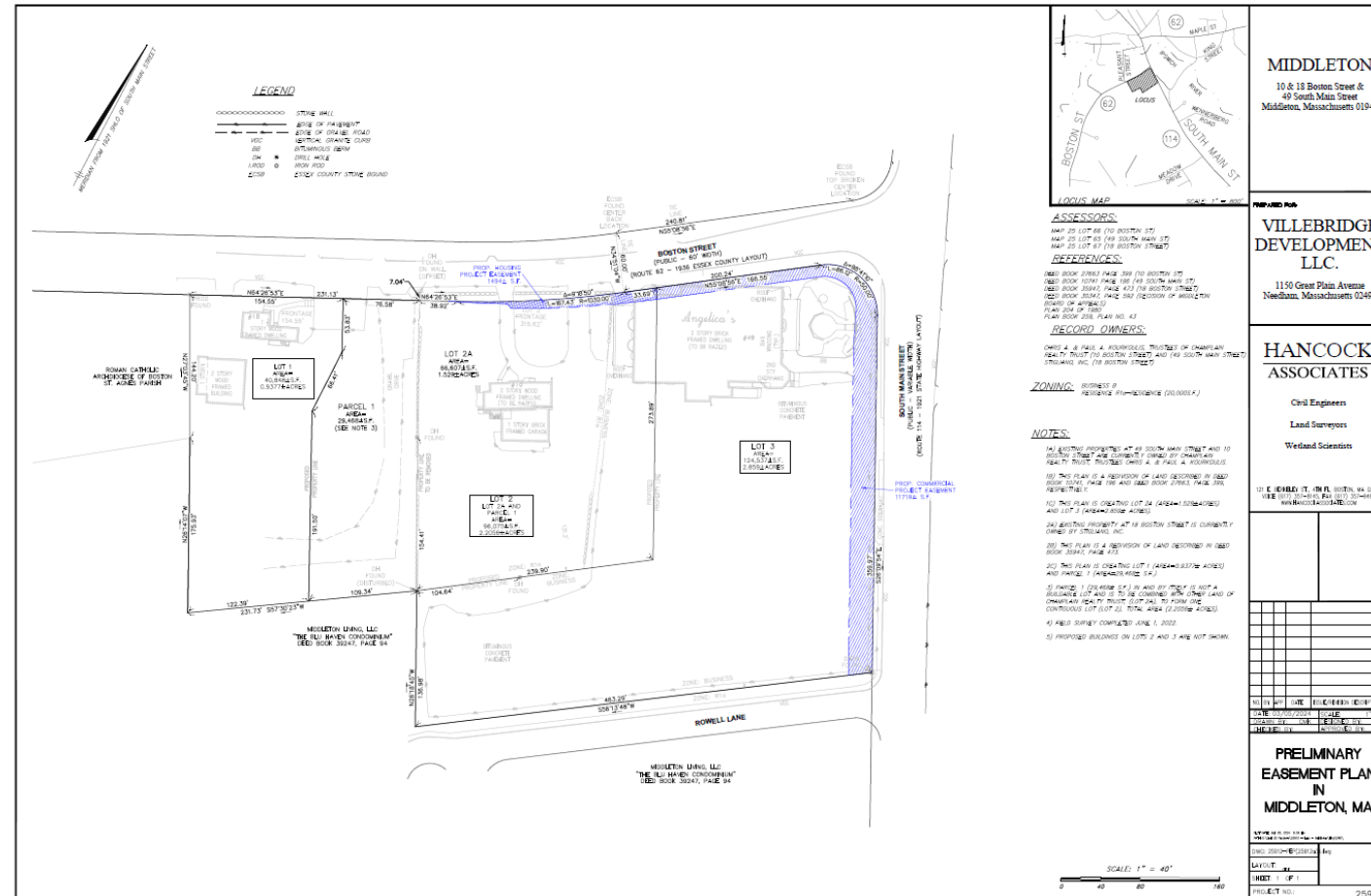
The Solution

- Two (2) NEW exclusive turn lanes for additional capacity
- Full traffic signal reconstruction including new overhead lights, latest technologies for cabinet and vehicle detection
- Adaptive Signal Control Technology (ASCT) controllers which will allow for real-time fluctuations to traffic signal green and red times.
- Peer-to-peer communications hardware to directly coordinate each intersection



The Opportunity

- Article 22 at the May 14th, 2024 Annual Town Meeting passed “by an overwhelming 2/3rds vote”. This land is crucial to fix traffic issues in town.



The Improvement

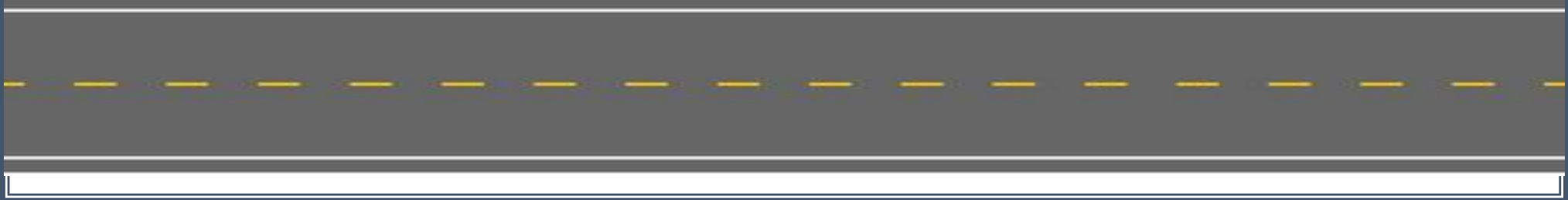
Volume to Capacity Ratio (v/c) decreases.

Rt.114 West in PM Peak will improve from an existing v/c of **1.85** to improved v/c of **0.5** just by adding new turning lanes.

Traffic signal optimization improvements across all three intersections will reduce v/c overall down to **1.35** (From **2.0**, double capacity)

All three intersections will instantly see a better Level of Service

All ratings of **F** will roll back at least to a status of **D** or greater during peak hours, a **20% improvement**, with larger improvements in off-peak hours.



The Grant Award

Dear Administrator Sultzbach:

RE: **Middleton-Middleton-Route 62 & -00776**

Congratulations on Middleton's successful application to the FY25 Round of the Community One Stop for Growth. On behalf of the Healey-Driscoll Administration, I am pleased to inform you that a grant in the amount of \$2,000,000 from the **MassWorks Infrastructure Program** has been approved to support the **Route 62 & Route 114 project**.

If this project is located in an MBTA Community, please note that a contract will not be executed if the community is noncompliant with Section 3A of M.G.L. Chapter 40A as determined by EOHLIC.

As a condition of the award, you will be required to submit a completed Pre-Contract Form (to be provided by EOED) no later than January 31, 2024, to begin the contracting process. A MassWorks team member will reach out directly to discuss any additional conditions or requirements, as well as the next steps related to this grant award. If you have any immediate concerns, please contact Senior Director of Communities and Programs, Marc Horne, at marc.horne@mass.gov.

Please be advised that this letter does not constitute an agreement or contract with EOED or the Commonwealth of Massachusetts, and the grant award is not final until the organization has executed a contract with EOED. You should not proceed with any grant activities until a contract is in place.

Sincerely,



Yvonne Hao
Secretary of Economic Development