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MEMORANDUM

TO: Eileen M. Donoghue, City Manager *EMD*

FROM: Christine Clancy, PE, City Engineer
Natasha Vance, PE, Transportation Engineer

DATE: June 25, 2019

SUBJECT: INFORMATIONAL UPDATE - CONSTRUCTION PROJECTS

The following report addresses the current status and anticipated schedule for the construction projects that are currently under construction or design in the City of Lowell.

Lawrence Street Bridge – Work has been completed. Punchlist and closeout work remain. All travel lanes are open.

Market Street Bridge – the bridge opened to traffic on 6/7/19. Temporary traffic controls remain in place until the remaining contract items are completed (permanent pavement markings, signage). Completion of all work is anticipated by June 30, 2019.

Streets F&G – currently underway and finalizing utility work, sidewalks, and pavement installation. Expect some lane closures on Dutton Street over the next 30-60 days to complete finish paving. The majority of the work is anticipated to be completed by July 31, 2019. Some remaining work might continue into August or September pending the progress of final utility work.

TIGER Bridges:

1. Merrimack Street over Merrimack Canal – bridge replaced. Punchlist work remaining.
2. Merrimack Street over Western – currently underway; TMP in place with lane shift expected to remain through this summer. Work will flip to the other side of the bridge after this first phase is completed. Bridge replacement work is anticipated to be completed by February 2020.
3. Pawtucket Street over Northern Canal – currently underway and closed to vehicular traffic. Students/pedestrians can cross. Bridge completion is anticipated by November 2020.
4. Central Street over Pawtucket Canal – currently underway. The TMP is in place for phase 1. Bridge completion is anticipated by September 2021.
5. Pawtucket Street over Pawtucket Canal – currently underway for utility relocation. The TMP is in place, closing the lane for one lane of traffic inbound to Lowell. Detour signs are in place at Broadway and Walker Street. Bridge completion is anticipated by April 2022, which is also the anticipated date for the entire program complete.

VFW and Aiken Intersection Improvements: Work includes traffic and pedestrian signal and accessibility improvements at the intersection as well as surface restoration at the intersection. The

work will be mill and overlay rather than full depth pavement. Project completion is anticipated by October 28, 2019.

Route 113 and Mammoth Intersection Improvements: Work includes traffic and pedestrian signal and accessibility improvements at the intersection as well as surface restoration at the intersection. The work will be mill and overlay rather than full depth pavement. Project completion is anticipated by October 28, 2019.

VFW Bridge Replacement over the Beaver Brook: This work includes full bridge replacement (both sub and super structure replacements). The contractor has completed demolition for Phase 1 and is beginning to building the sub structure. Phase 1, which includes the completion of the first half of the bridge closest to the Merrimack River, is anticipated to be completed by summer/fall 2020. Phase 2, which will include the second half of the bridge replacement, is anticipated to be completed by summer/fall 2021. Lane shifts on VFW are in place for Phase 1 and will be in place for Phase 2.

Lord Overpass: The 100% plans, specifications and cost estimate (PSE) have been delayed due to final coordinated regarding utility relocation. The project is anticipated to go to bid in July and construction mobilization should begin by fall 2019. Once a contractor has been awarded the project, a detailed schedule and the TMP phasing will be provided. It is anticipated that most of the construction work will be completed at night and project duration is anticipated to be 36-40 months.

Route 38 Improvements: The preconstruction meeting was held on May 30, 2019. The contract was awarded to J. Tropeano, Inc for \$3.8M. NTP was given on April 25, 2019. Mobilization will begin the end of August 2019/beginning of September 2019. Construction will begin at the Phoenix Ave intersection and continue north. Utility work, drainage structures and traffic signal conduit will be installed in 2019. The utility coordination meeting was held on 6/12/19, and utility relocation work can begin as soon as July 12, 2019. Note that the curb radius at the northeast corner of Andover Street and Nesmith Street is being reduced and the mast arm relocation will be in the existing street. The TMP shows barriers/barrels to direct traffic around it until the curbs and sidewalks are built. The sidewalks, curbing and masonry wall will be built in 2020. The final paving courses, signage and landscaping will be installed in 2021. The anticipated construction duration is 25 months with project completion scheduled for September 2021.

HCID Garage: CM at risk is on board and design revisions and contractor selection is underway. Construction is anticipated to begin in July 2019 for site preparation. Foundation work is anticipated to begin in August 2019. Delivery of Reinforced Concrete (RC) panel will begin later in the year. The RC panels are 85' long and will follow a set path into the City that avoids overpasses and tight turns. Expect minimal traffic delays at Dutton and Broadway as traffic will be stopped to allow the truck to use the intersection. The anticipated construction duration is 18 months with project completion scheduled for October 2020.

Princeton Boulevard: MassDOT has completed resurfacing of Princeton Boulevard from the Chelmsford city line at Wightman Street, heading east and ending at Livingston Avenue. Punchlist work remains to be completed.

Lowell Connector Bridge Deck Replacement over Industrial Ave East: MassDOT's contractor, S&R Construction, will begin bridge deck replacement work this summer 2019. Work is anticipated to be completed by fall 2020.

Other Miscellaneous ongoing Construction Efforts throughout the City: In addition to above mentioned projects, there are City-wide paving and sidewalk programs that were completed this

spring. The City is preparing new bid documents for City-wide paving and sidewalk programs that are anticipated to begin this summer/fall and continue into spring 2020.

During this same duration, there is ongoing utility work by municipal and private utility companies. Traffic management considerations for these smaller projects are evaluated in conjunction with the larger projects mentioned above.

NV/ns

cc: Christine Clancy, City Engineer
Natasha Vance, Transportation Engineer

TYNGSBOROUGH

DRACUT

DRACUT

TEWKSBURY

CHELMSFORD

CHELMSFORD

BILLERICA

CURRENT CONSTRUCTION PROJECTS

1. LORD OVERPASS ROADWAY IMPROVEMENT PROJECT
2. HCID PROJECTS (STREETS F&G, PARKING GARAGE, PARCELS 8,9, ETC.)
3. ROUTE 38 ROADWAY & INTERSECTION IMPROVEMENTS
4. RT 113 AND MAMMOTH RD INTERSECTION IMPROVEMENT
5. VFW AND AIKEN ST INTERSECTION IMPROVEMENT
6. PAWTUCKET ST OVER NORTHERN CANAL TIGER GRANTS BRIDGE REPLACEMENT
7. PAWTUCKET ST OVER PAWTUCKET CANAL TIGER GRANTS BRIDGE REPLACEMENT
8. MARKET ST OVER WESTERN CANAL BRIDGE REPLACEMENT
9. MERRIMACK ST OVER WESTERN CANAL TIGER GRANTS REHAB/PRESERVATION
10. CENTRAL ST OVER PAWTUCKET CANAL TIGER GRANTS REHAB/PRESERVATION
11. LAWRENCE ST BRIDGE OVER THE CONCORD RIVER BRIDGE DECK REPLACEMENT
12. MERRIMACK ST OVER MERRIMACK CANAL TIGER GRANTS REHAB/PRESERVATION
13. PRINCETON BOULEVARD MASSDOT RESURFACING
14. VFW OVER BEAVER BROOK BRIDGE REPLACEMENT
15. LOWELL CONNECTOR BRIDGE DECK REPLACEMENT OVER INDUSTRIAL AVE E

NOTE: OTHER ON-GOING CONSTRUCTION EXISTS THROUGHOUT THE CITY.
THIS FIGURE REPRESENTS CURRENT TRANSPORTATION RELATED CITY & MASSDOT PROJECTS.

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SCALE: 1" = 700'

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**CITY OF LOWELL
ENGINEERING**

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**CITY-WIDE CONSTRUCTION PROJECTS
UPDATE**

LAST UPDATED: 06/20/2019