



Engineering Project Update September 2021

Completed Construction Projects:

1. Concrete Overlays
2. Annual Concrete Program (Sidewalk Repairs)
3. Annual Striping Program
4. Annual Crack Sealing Program
5. N. Oviatt Street Waterline Replacement
6. Miscellaneous Catch Basin and Manhole Repairs/Replacements
7. Park Lane at N. Main Street Crosswalk Enhancements (RRFBs)
8. Hudson Aurora at Hudson Park Drive Crosswalk Enhancements (RRFBs)
9. Ravenna Street Culvert Repair
10. Holland Drive Ditch Reconstruction
11. Blackberry Bridge Wingwall Repair
12. Valley View Detention Pond (Ohio Turnpike Grant)

On-Going Construction Projects:

1. Annual Asphalt Resurfacing Program
 - a. Nearly complete. Work remaining includes resurfacing of Hudson Aurora Road, E. Main Street, Weston Drive and patching of various streets.
 - b. Estimated Completion: Fall, 2021
2. SR 91 N. Turn Lanes Project (Brandywine Drive to Middleton Road)
 - a. Nearly complete. Work remaining includes resurfacing of roadway, pavement striping and final grass restoration.
 - b. Estimated Completion: September 2021
3. Herrick Park Sidewalk (SR 91 to Lascala Dr)
 - a. Design completed in-house. Contract awarded and construction to begin mid-September 2021.
 - b. Estimated Completion: November 2021
4. Barlow Road Sidewalk (SR 91 to Nicholson Dr)
 - a. Contract awarded and construction estimated to begin in September 2021
 - b. Estimated Completion: November 2021
5. Ingleside Drive Bridge Replacement Project
 - a. Contractor has installed new foundation and removed east half of existing bridge and is constructing new, bridge on east side of road. Work remaining includes construction of new bridge, road resurfacing and final restoration.
 - b. Estimated Completion: Fall/Winter, 2021

6. Annual Storm Sewer Lining Program
 - a. Work includes installing a structural, polymer lining inside existing, failing storm pipes. Existing pipes have been cleaned and televised. Lining of pipes is next phase of project.
 - b. Estimated completion in next 3-4 weeks.
7. Colony Park Trunk Storm Sewer Replacement
 - a. Design completed in-house. Work has begun on replacing this failing, metal 42” storm sewer and catch basins.
 - b. Estimated completion in next 2-3 weeks.
8. Brandywine Creek Tributary, Stream Restoration Project (Between Owen Brown St and W. Prospect St)
 - a. Design is complete and permits are being secured for wetland and floodplain impacts. Work to begin in early November.
 - b. Estimated Completion: Fall, 2021.
9. Akron’s Hudson Aurora & Hudson Park Drive Waterline Replacement
 - a. New main installed along Hudson Aurora Road so roadway can be resurfaced. Working remaining includes installation of new watermain along Hudson Park Drive.
 - b. Estimated Completion: Fall, 2021
10. Akron’s St. Ives Blvd. & St. Regis Blvd. Waterline Replacement
 - a. New main installed along Hudson Aurora Road so roadway can be resurfaced. Working remaining includes installation of new watermain along Hudson Park Drive.
 - b. Estimated Completion: Winter 2021
11. ODOT’s SR 8 Pavement Replacement
 - a. Work includes removal and replacement of existing highway pavement between Graham Road and SR 303, ramp repairs and bridge repairs.
 - b. Estimated Completion: July 2022

Construction Projects to be Bid in 2021

1. North SR 91 Sidewalk (Garden Lane to Twinsburg Twp. Corp. Line)
 - a. Design completed in-house. Bid in September 2021
 - b. Estimated Construction: Fall, 2021
2. South SR 91 Sidewalk (Corporate Drive to just north of Norton Rd)
 - a. Design in-house. Bid Fall 2021
 - b. Estimated Construction: 2022
3. Quiet Zones at Stow Road and Hines Hill Road
 - a. Norfolk Southern has been notified of upcoming work but has delayed approving project. Next step is field review meeting with stakeholders to verify scope of project.
 - b. Estimated Construction: Fall/Winter 2021/2022
4. Flashing School Beacons near WRA
 - a. Design in-house. Bid September 2021
 - b. Estimated Construction: 2022 (due to pole/sign manufacturing)

5. Roslyn Ave at E. Streetsboro Road Crosswalk Enhancements (RRFBs)
 - a. Design in-house. Bid December 2021 (due to pole/sign manufacturing)
 - b. Estimated Construction: summer, 2022
6. Adaptive Signals (Old Village Area)
 - a. Design is 85% complete. Plan to bid in October 2021.
 - b. Estimated Construction: November 2021 into 2022
7. Barlow Community Center Dams Improvement Project (NEORSD Grant)
 - a. Design is 99% complete and awaiting final approval from ODNR. Plan to bid in September 2021
 - b. Estimated Construction: November 2021 into Spring 2022
8. Guard Rail Replacement Program
 - a. Project is being re-bid due to no qualified bids received first round.
 - b. Estimated Construction: Fall 2021
9. Herrick Circle Detention Pond
 - a. Work includes installation of low flow culvert and regrading of ditch/pond to improve future maintenance within pond. Design complete and project out to bid.
 - b. Estimated Construction: Fall 2021
10. Windsor Road Culvert Replacement
 - a. Design completed in-house. Work includes removal of deep culvert pipe under Windsor Road, adjacent to lake.
 - b. Estimated Construction, Fall 2021

Projects Currently in Design to bid in 2022+

1. S. Main Street Widening (Stoney Hill Drive to Barlow Road)
 - a. ODOT funded project design is nearly complete. Project includes new turn lane, bike lanes/sidewalks on both sides of street, storm sewer improvements and lighting improvements.
 - b. Temporary easements for grading behind new sidewalk currently being negotiated/acquired.
 - c. Estimated Schedule: Bid/Construction 2022
2. Veterans Trail Phase 3 (Cascade Park through Ellsworth GC to Barlow Road)
 - a. Re-design of trail will include on-street sharrows on Milford Rd, E. Case Dr. Lynn Dr. and trail upgrades through Cascade Park and Ellsworth Golf Course. Project includes speed tabled on Milford Road, new pedestrian bridge in Cascade Park, stormwater management and drainage improvements upstream of Nicholson Dr. Design 2021 into 2022
 - b. Estimated Schedule: Bid Spring, 2022
3. Veterans Trail Phase 4 (Nicholson Drive to Terex Road/Barlow Road intersection)
 - a. Currently, re-design is on-hold and awaiting Council Discussion on Sept. 14 regarding ODNR funding and alignment.
 - b. Estimated Schedule: Unknown

4. Middleton Road Sidewalk (Valley View to Highpoint Park)
 - a. Currently in preliminary design. Public input in October 2021. Final design in fall/winter 2021-2022.
 - b. Estimated Schedule: Bid Spring 2022
5. Stow Road Sidewalk (Middleton Rd to Pine Trails)
 - a. Currently in preliminary design. Public input in October 2021. Final design in fall/winter 2021-2022.
 - b. Estimated Schedule: Bid Spring 2022
6. Stow Road Sidewalk (SR 303 to Hudson Springs Park)
 - a. Currently in preliminary design. Public input in October 2021. Final design in fall/winter 2021-2022.
 - b. Estimated Schedule: Bid Spring 2022
7. SR 303 Sidewalk (E. Streetsboro Road, N Hayden to Stone Road)
 - a. Currently in preliminary design. Public input in October 2021. Final design in fall/winter 2021-2022.
 - b. Estimated Schedule: Bid Spring 2022
8. SR 303 Sidewalk (W. Streetsboro Road, Nicholson Dr to W. Case Dr)
 - a. Currently in design, in-house. ON HOLD due to upcoming SR 303 Waterline Project.
 - b. Estimated Schedule: 2023 or 2024
9. Owen Brown Street Sidewalk (Lennox Road to Morse Road)
 - a. Design is 90% complete. Waiting on Norfolk Southern Review with timeframe unknown.
 - b. Estimated Schedule: Unknown
10. W. Streetsboro Road Waterline Replacement
 - a. Design in-house. Replacement of existing 16” trunk water main from Water Plant to Boston Mills Road
 - b. Estimated Schedule: Construction 2023

Engineering Studies

1. Pedestrian Safety Study
 - a. Staff revised proposals from consultants with costs ranging from \$40,000 - \$140,000+ for various levels of analysis. A revised request for proposals is being requested from traffic engineering consultants which should narrow the range of costs and scope.
 - b. Estimated Schedule: Begin Study in 2021, finish in Spring, 2022
2. Hudson Drive at SR 91 Study
 - a. On-going traffic study to review congestion and safety at intersection. Draft study report submitted in Summer and recommendation costs submitted for Capital Budget. Staff awaiting final report in Fall.

3. Terex Road, Hudson Industrial Parkway and E. Barlow Road Study
 - a. On-going safety study to identify potential solutions to improve safety at intersection. Draft study submitted identifying potential solutions, matrix scoring each solution. Staff reviewing prior to publishing and proceeding with final study phase.
 - b. Estimated Schedule: Completion in Winter 2021
4. Leighton Estates Stop Sign Study
 - a. On-going safety study to evaluate stop sign locations at Glastonbury and Weymouth and other intersections in neighborhood.
 - b. Estimated Schedule: Completion in Fall 2021
5. Owen Brown Street Bridge (NEORS D Grant)
 - a. On-going hydraulic Study to identify scope and size of future bridge improvement project.
 - b. Study indicated upsizing bridge is not warranted per NEORS D requirements.
 - c. Staff is working with NEORS D and design consultant to identify alternate improvements, including storm water management ponds and other improvements upstream in the watershed to use grant funding.
 - d. Estimated Schedule: Completion in Winter 2021
6. Ellsworth Golf Course/Nicholson Outfall Hydraulic Study
 - a. Storm water management study to identify solutions to mitigate flooding to downstream properties/roadway at golf course drainage ditch outlet.
 - b. Estimated Schedule: Completed. Recommendations will be implemented in upcoming Veterans Way Phase 3 re-design.
7. Darrow Park Ditch Hydraulic Study and Environmental Review
 - a. Hydraulic study to verify benefits of upcoming stream dredging project.
 - b. Work also includes environmental study and review by Army Corp. of Engineers
 - c. Estimated Schedule: Fall 2021
8. Sullivan Road Culvert Hydraulic Study
 - a. Study to verify size of necessary culvert under Sullivan Road, south of Barlow Road.
 - b. Estimated Schedule: Study/Design 2021-2022. Construction 2022.
9. Boston Mills Road Trail/Lake Forest Dr Sidewalk
 - a. Trail and bridge feasibility study evaluating connectivity along Boston Mills Road and Lake Forest Drive.
 - b. Estimated Schedule: Study complete and final design of trail portion of project along Boston Mills Road anticipated in 2022.
10. Stow Road & Middleton Road Traffic Intersection Study
 - a. This study has been completed and the recommendation is for the installation of a new signal.
 - b. Staff has received proposals from qualified traffic signal consultants and will be requesting permission from Council in October to enter into a design services agreement.
 - c. Estimated Schedule: Design 2021 into 2022. Construction Summer, 2022.