Proposed South Avenue Bridge

Presented to:

Beacon City Council February 26, 2018



Original Bridge 1/07



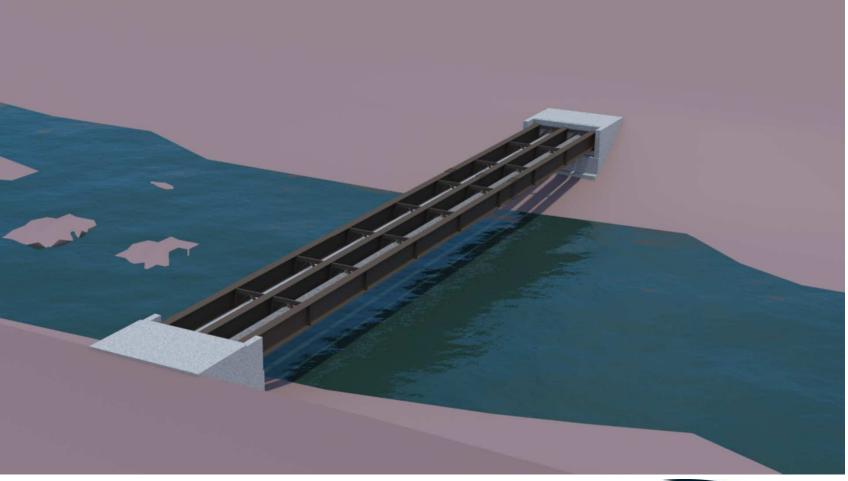


Present Configuration





Present Configuration



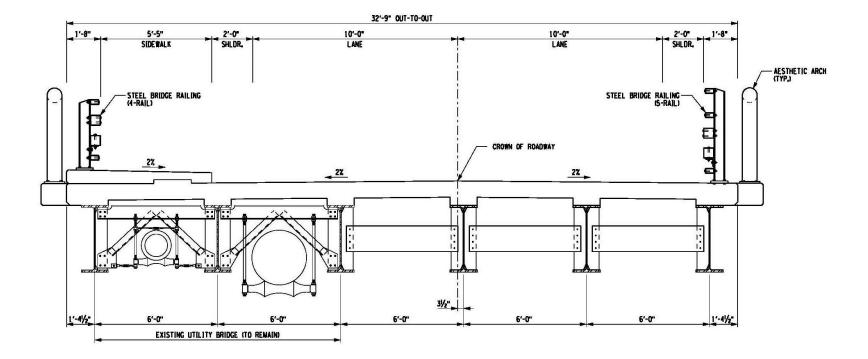


South Avenue Bridge

- Original Concept Design Parameters
 - Two Lane Bridge
 - Pedestrian Sidewalk
 - Bicycles to Share Roadway
 - South Avenue is a Designated Scenic Road
 - 10' lanes
 - 2' shoulders
 - Urban Street Design Speed (20-30 mph)



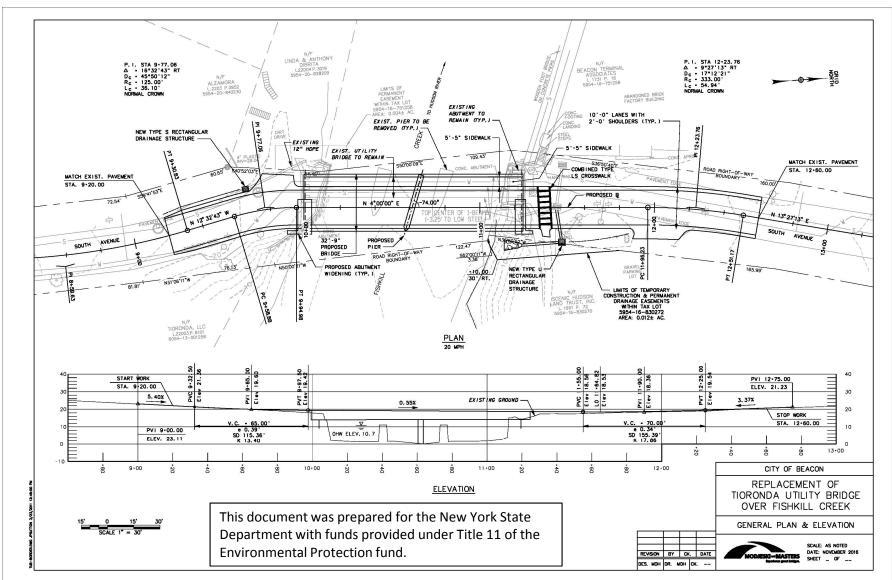
Original Proposal (Section)



TYPICAL SECTION LOOKING AHEAD STATION SCALE 1/- = 1'-0"



Original Proposal (Plan)

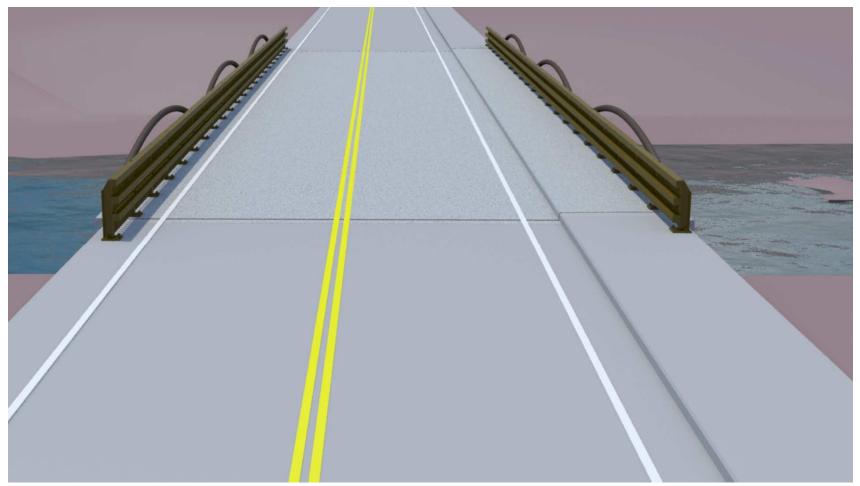


Original Proposal (Visualization)





Original Proposal (Visualization)



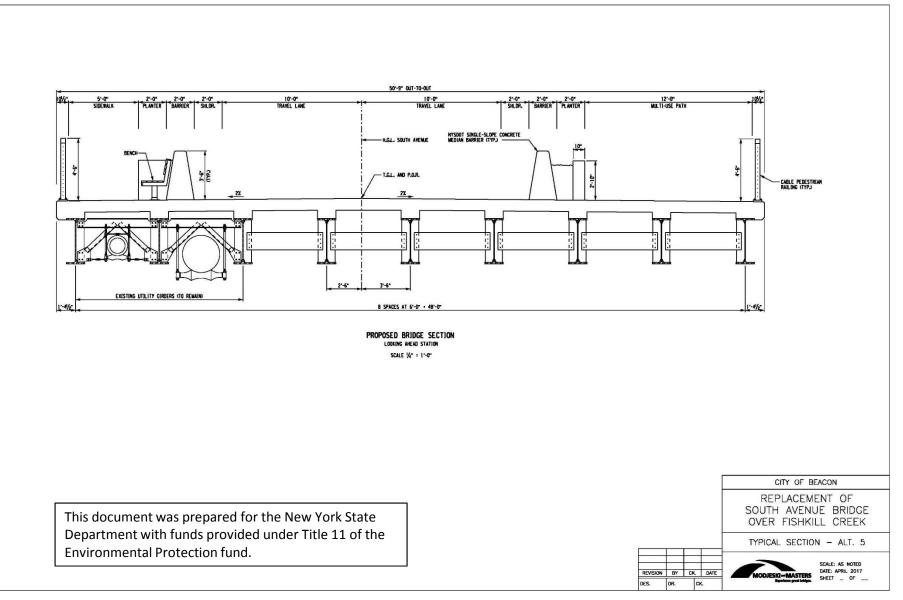


Alternative

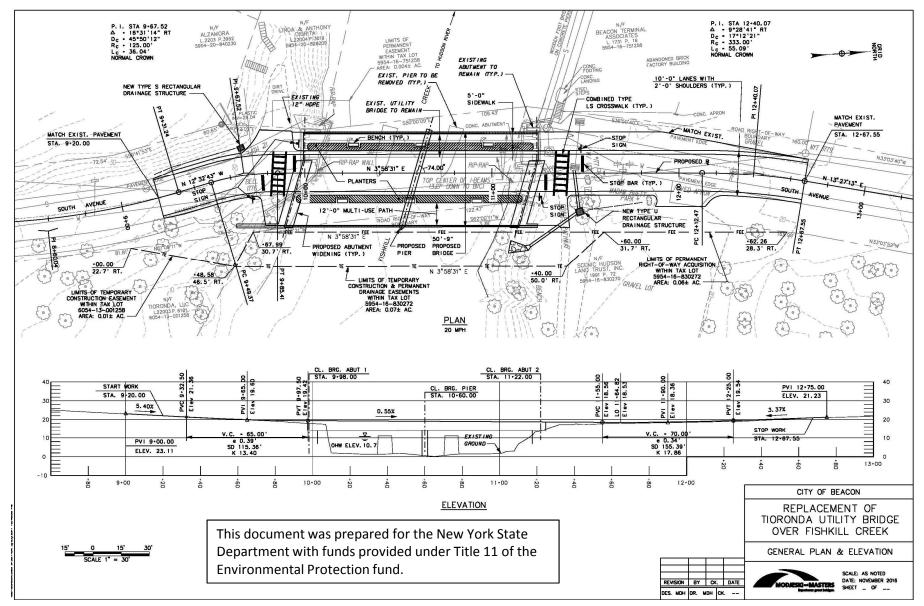




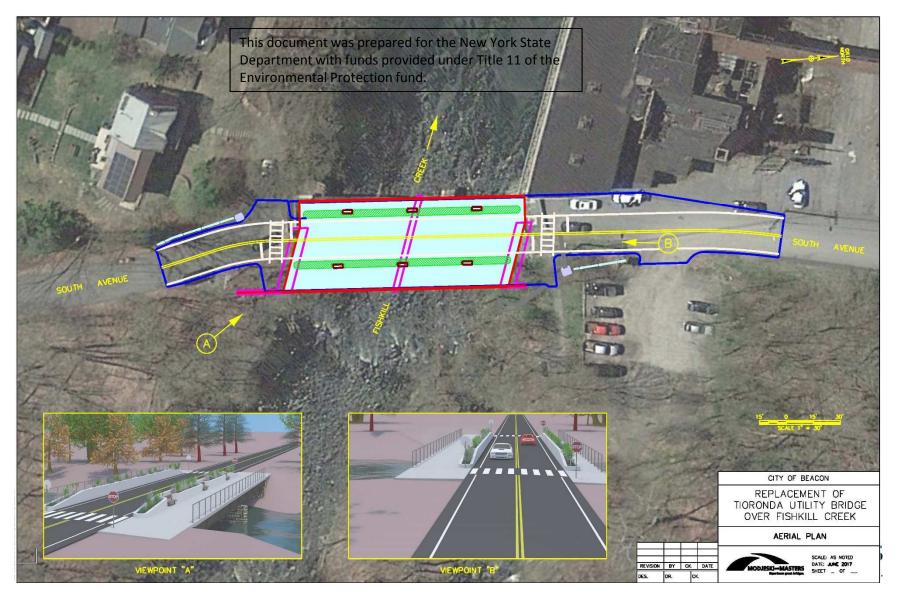
Second Iteration (Section)



Second Iteration (Plan View)



Second Iteration (Plan View)



Second Iteration (Visualization)



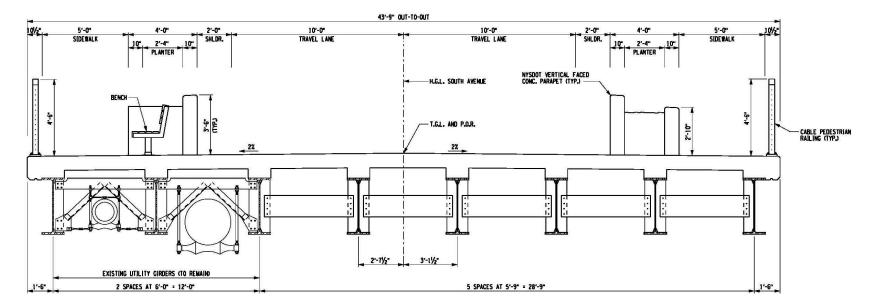


Second Iteration (Visualization)





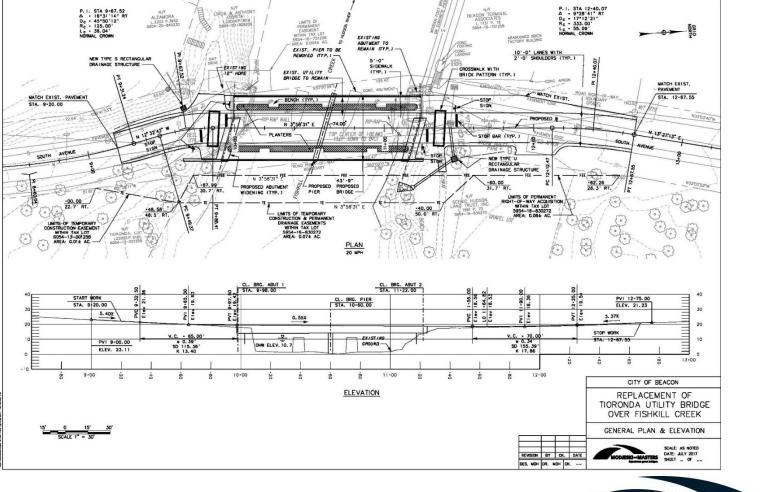
7-31-17 Iteration (Section)



PROPOSED BRIDGE SECTION LOOKING AHEAD STATION SCALE 1/4" = 1'-0"

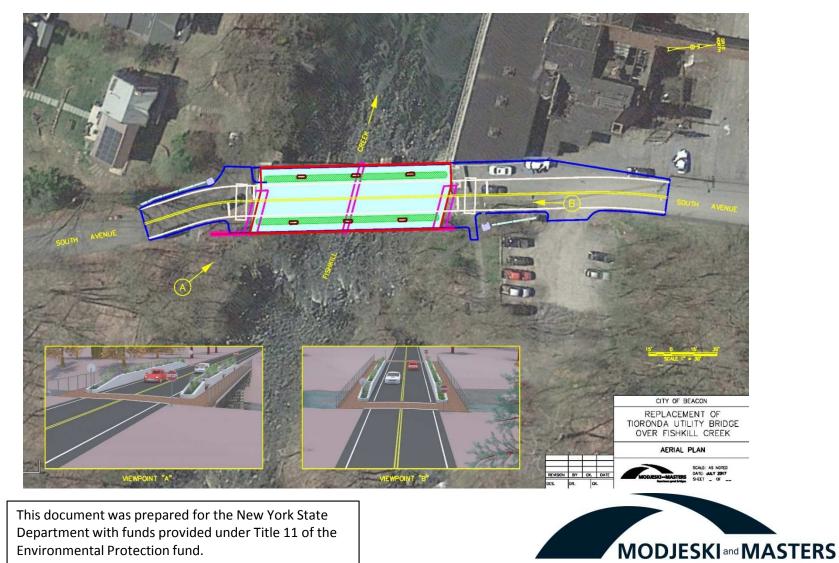


7-31-17 Iteration (Plan View)





7-31-17 Iteration (Aerial)



Experience great bridges.

7-31-17 Iteration (Visualization)



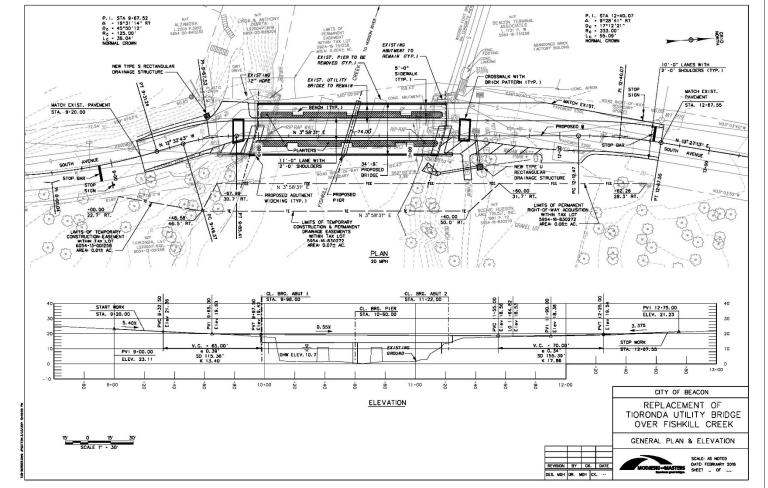


7-31-17 Iteration (Visualization)



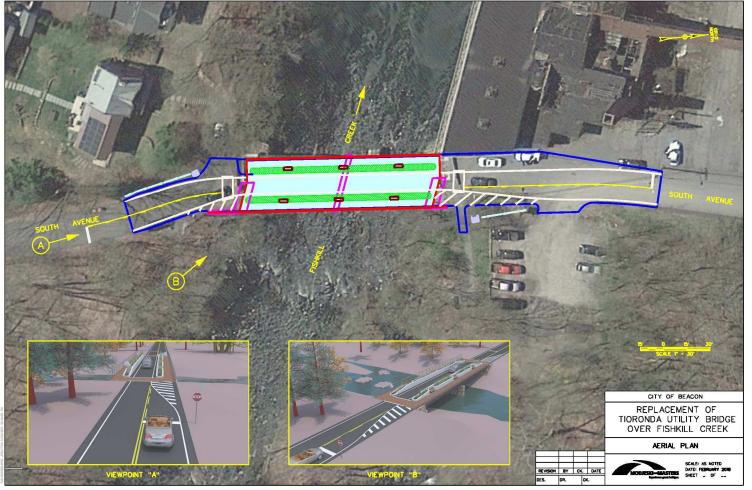


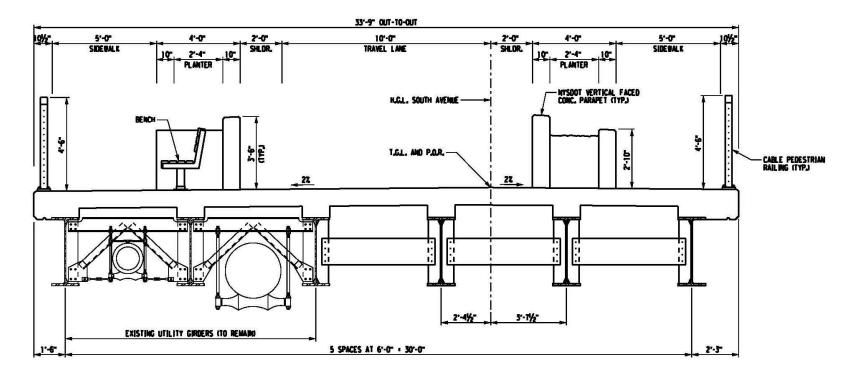
Latest Iteration (Plan View)





Latest Iteration (Aerial)

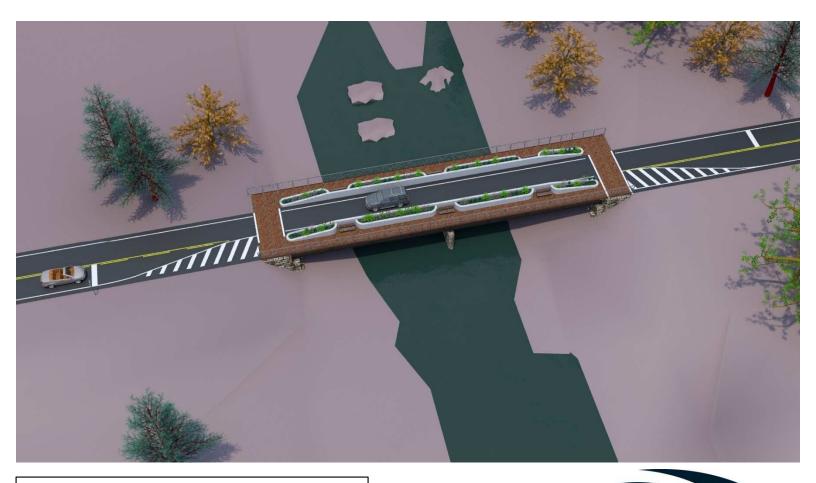


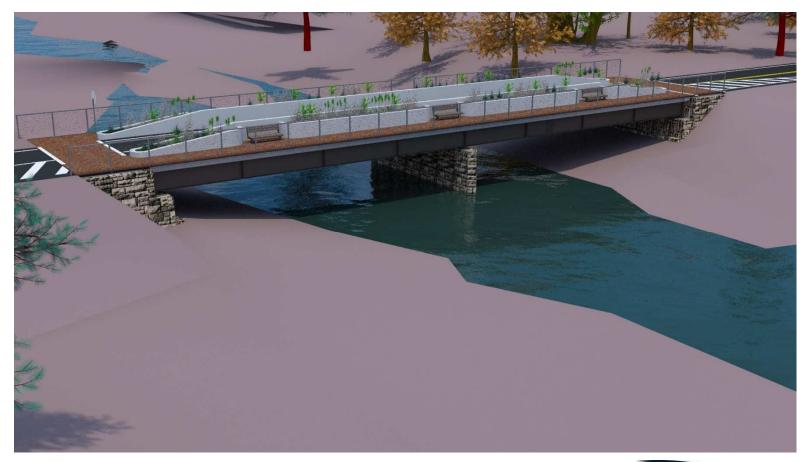


PROPOSED BRIDGE SECTION

SCALE 1/- 1'-0"













Thank You!

Questions?