

# **Proposed South Avenue Bridge**

**Presented to:**

**Beacon City Council**

**February 26, 2018**

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# Original Bridge 1/07



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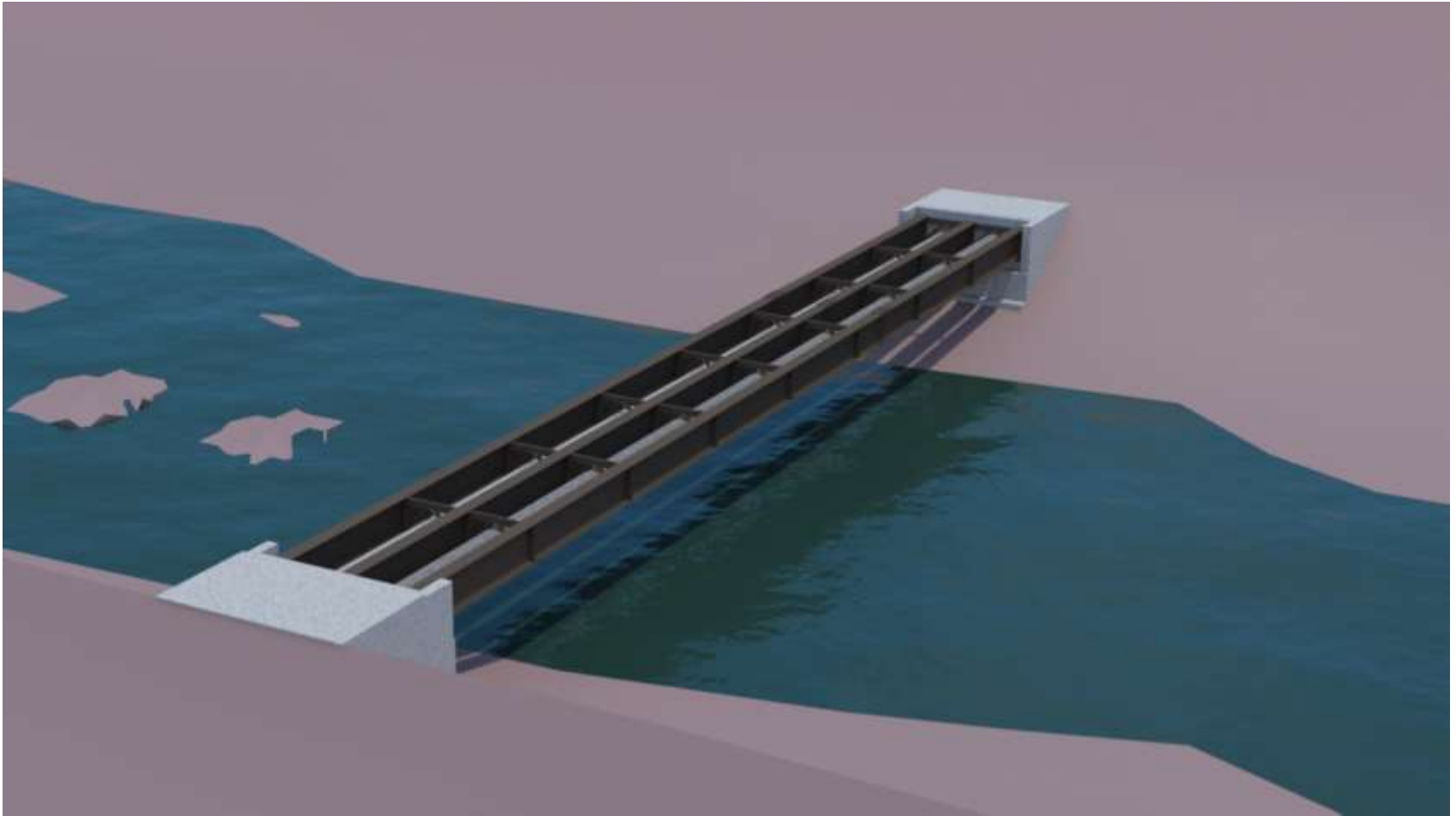


# Present Configuration



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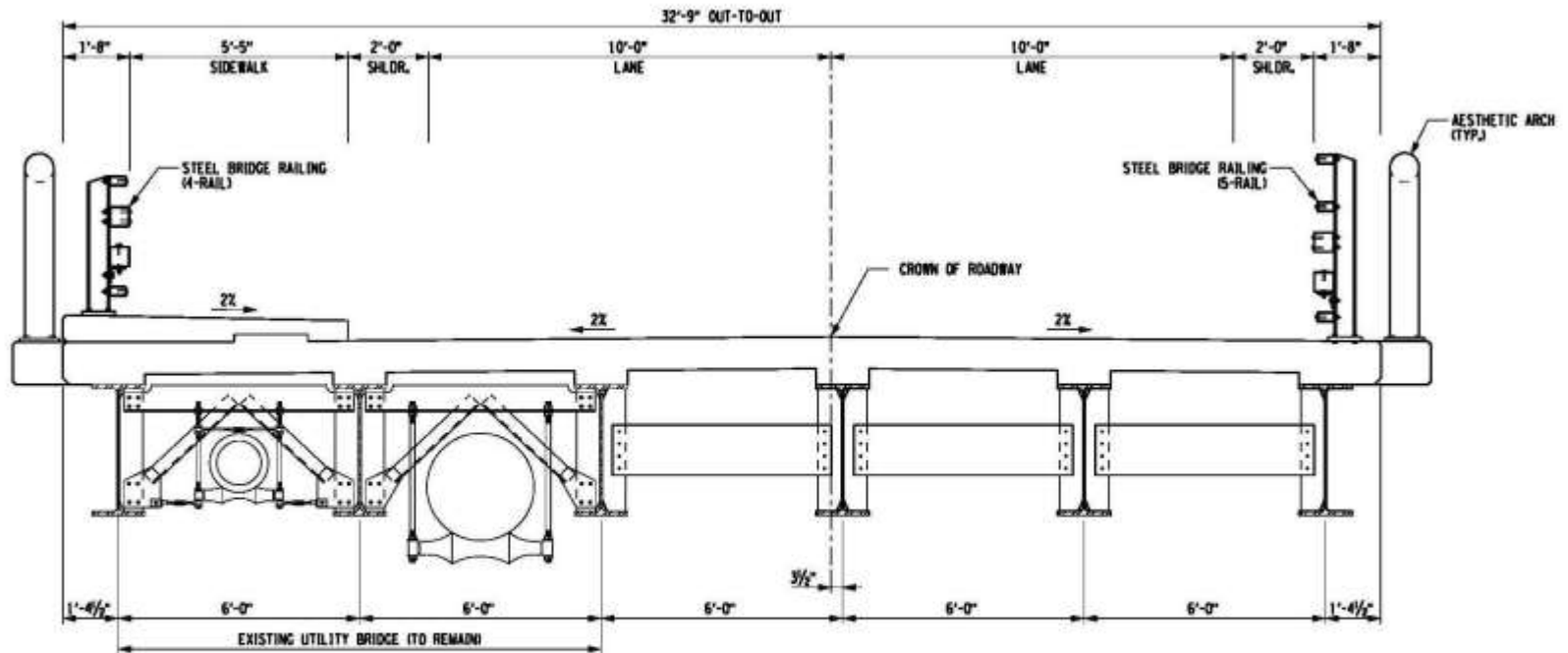
# South Avenue Bridge

- 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)

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# Original Proposal (Section)



TYPICAL SECTION  
LOOKING AHEAD STATION  
SCALE  $\frac{1}{4}" = 1'-0"$

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**PLAN**  
20 MPH

**ELEVATION**

**CITY OF BEACON**  
**REPLACEMENT OF TIORONDA UTILITY BRIDGE OVER FISHKILL CREEK**  
**GENERAL PLAN & ELEVATION**

REVISION	BY	CHK	DATE
DES. MOD.	DR. MOD.	OK.	---

SCALE: AS NOTED  
DATE: NOVEMBER 2016  
SHEET: 1 OF 1

MOOREHEAD-MASTERS  
ENGINEERS

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PERIOD	BY	OK	DATE
DEC. MON	OR. WED	OK	-



MODесто-MASTER

SCALE AS NOTED  
DATE: NOVEMBER 29, 1964

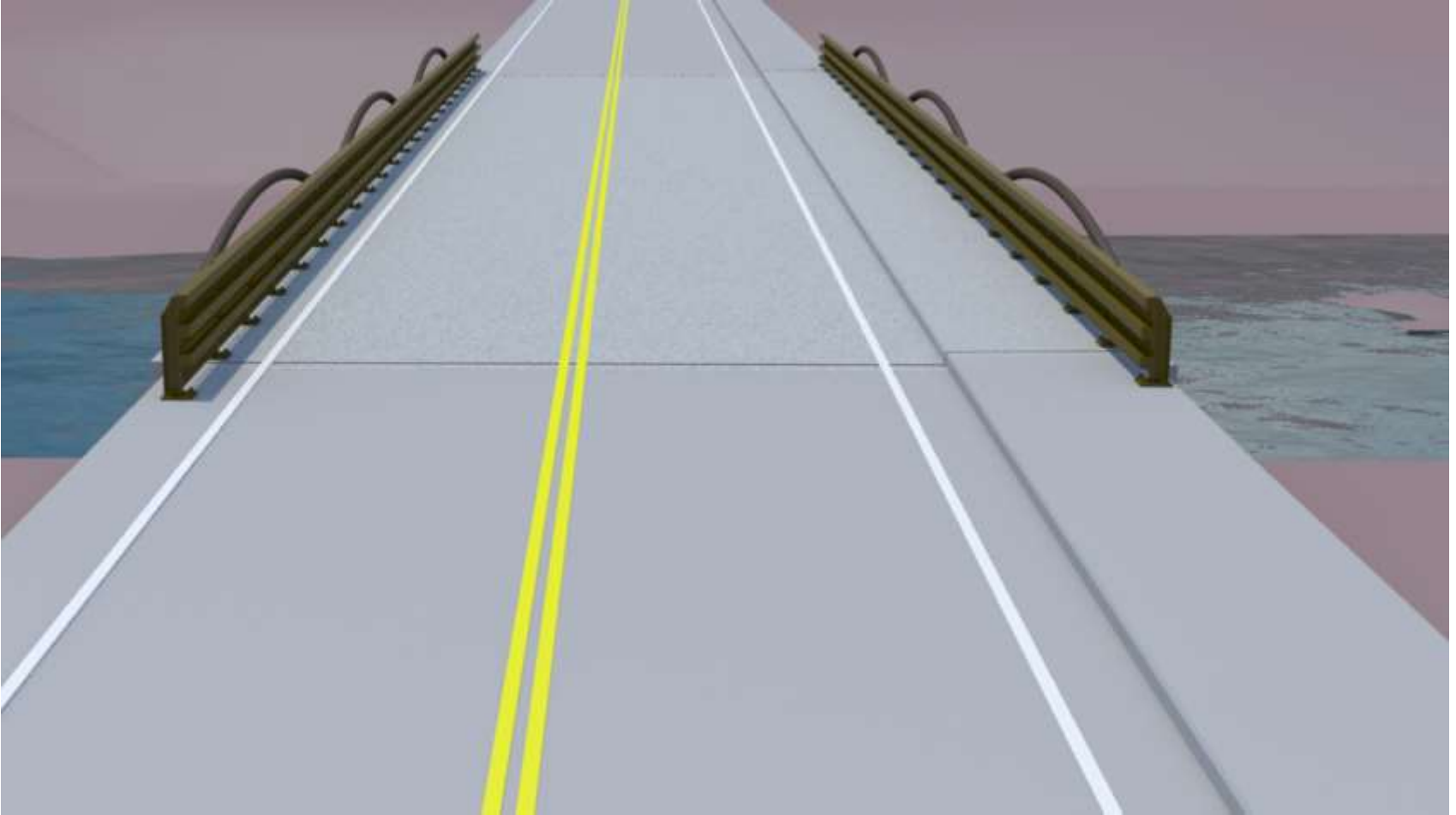
# Original Proposal (Visualization)



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# Original Proposal (Visualization)



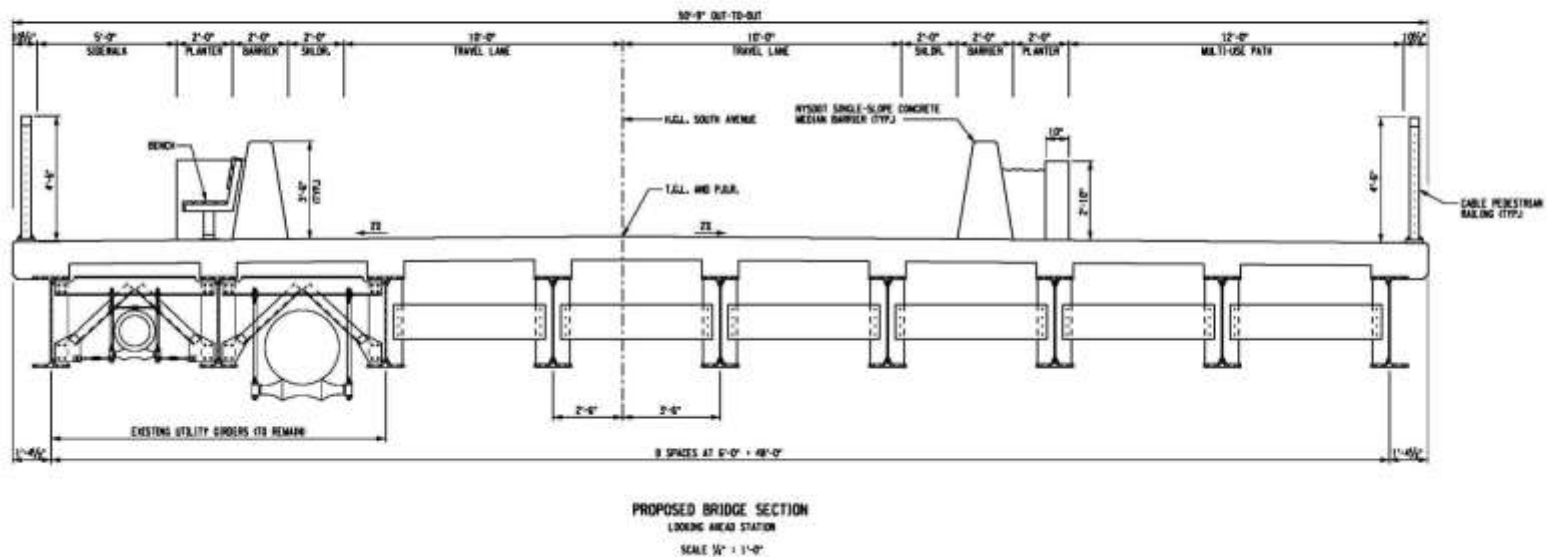
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# Alternative



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# Second Iteration (Section)



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REVISION	BY	CHK	DATE

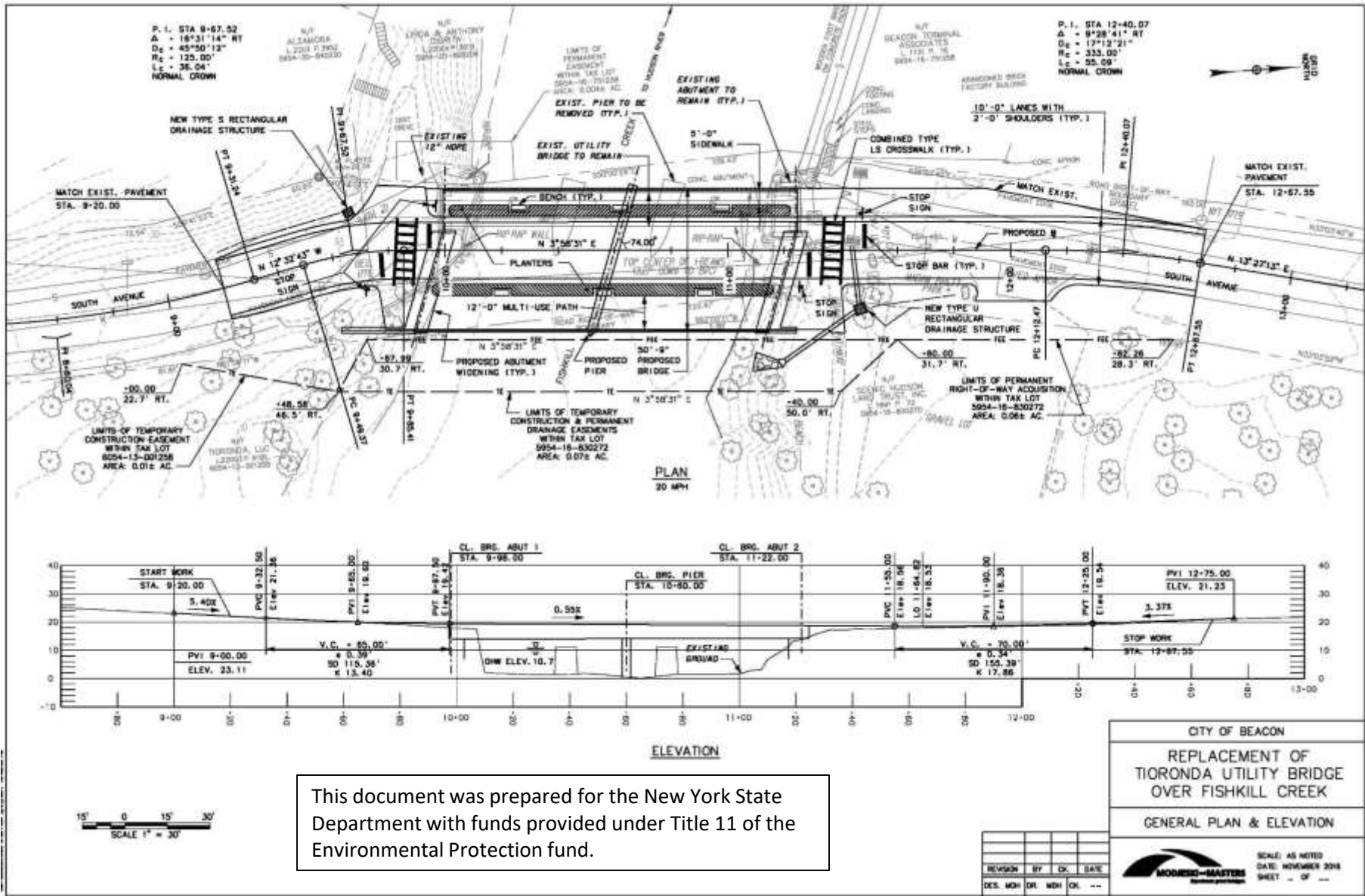


SCALE: AS NOTED  
DATE: APRIL 2017  
SHEET 01 OF 01

CITY OF BEACON  
REPLACEMENT OF  
SOUTH AVENUE BRIDGE  
OVER FISHKILL CREEK  
TYPICAL SECTION - ALT. 5

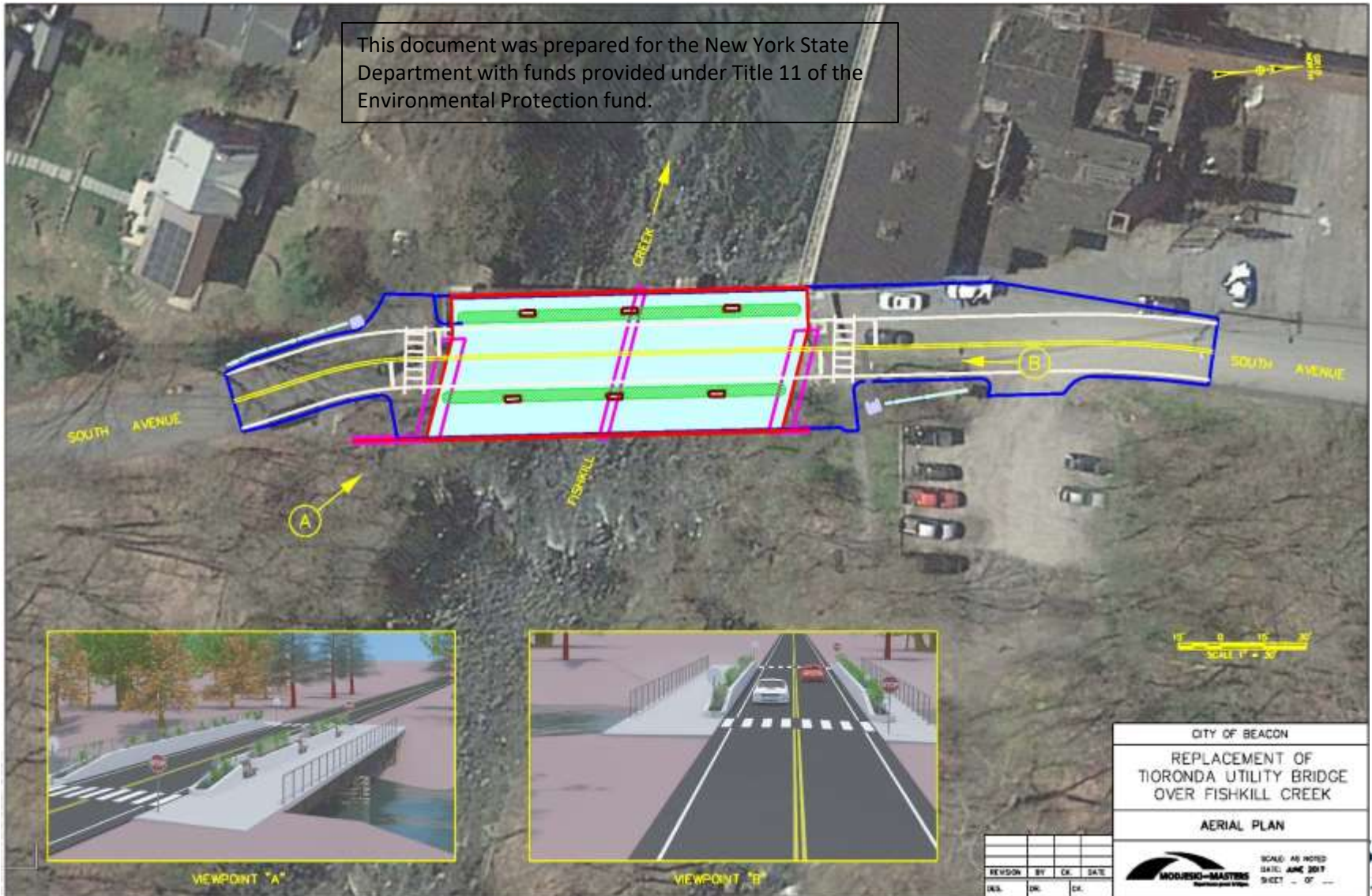


# Second Iteration (Plan View)



# Second Iteration (Plan View)

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# Second Iteration (Visualization)



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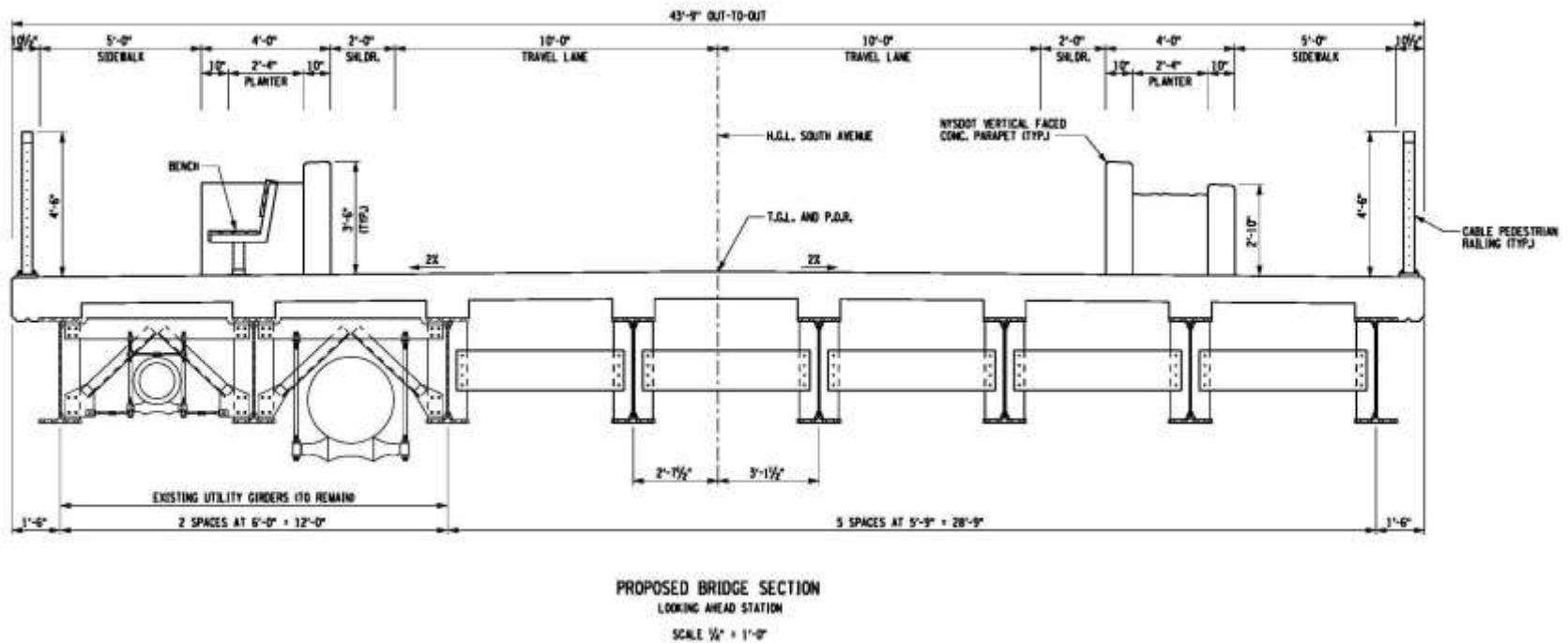


# Second Iteration (Visualization)



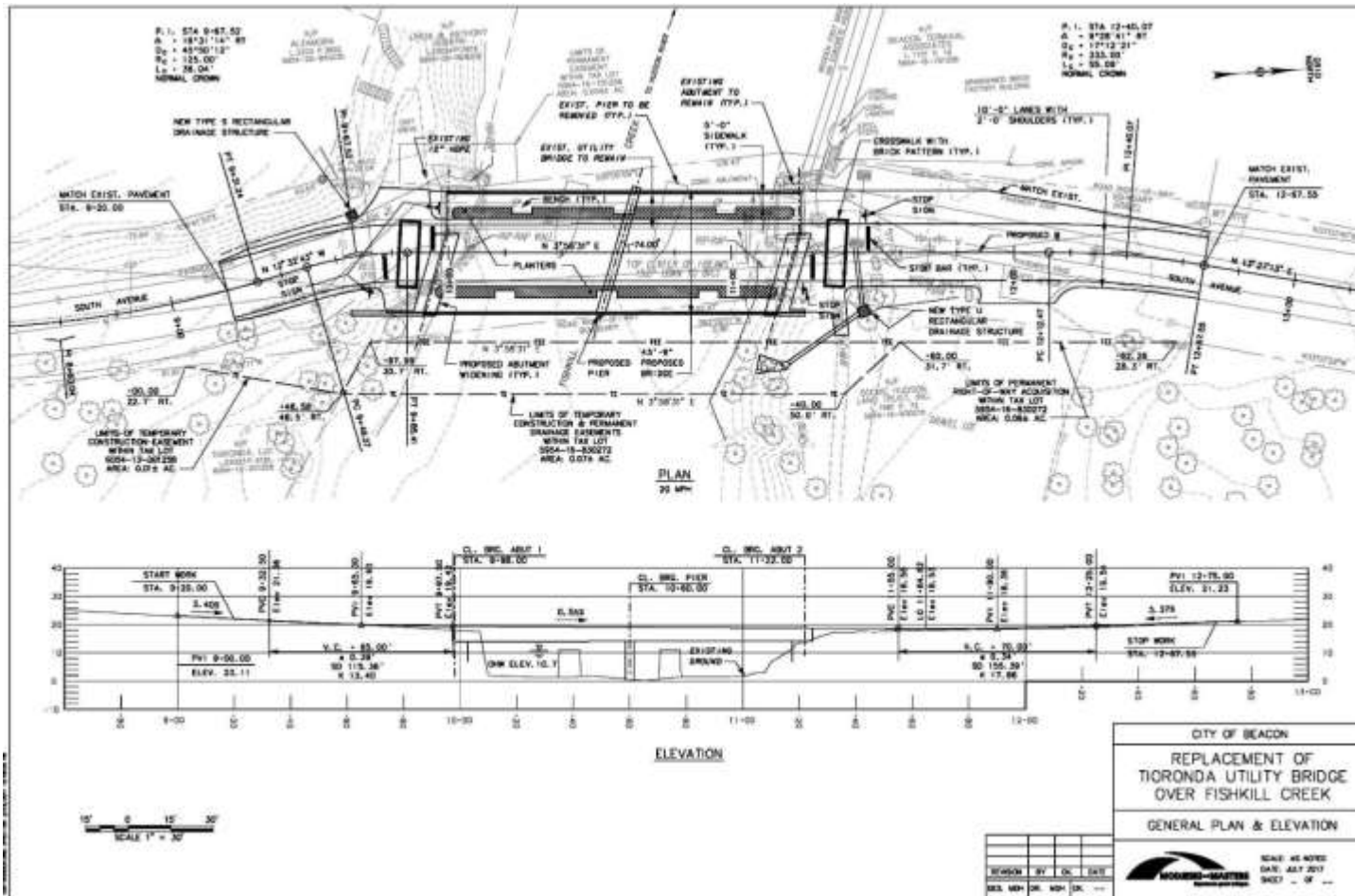
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# 7-31-17 Iteration (Section)



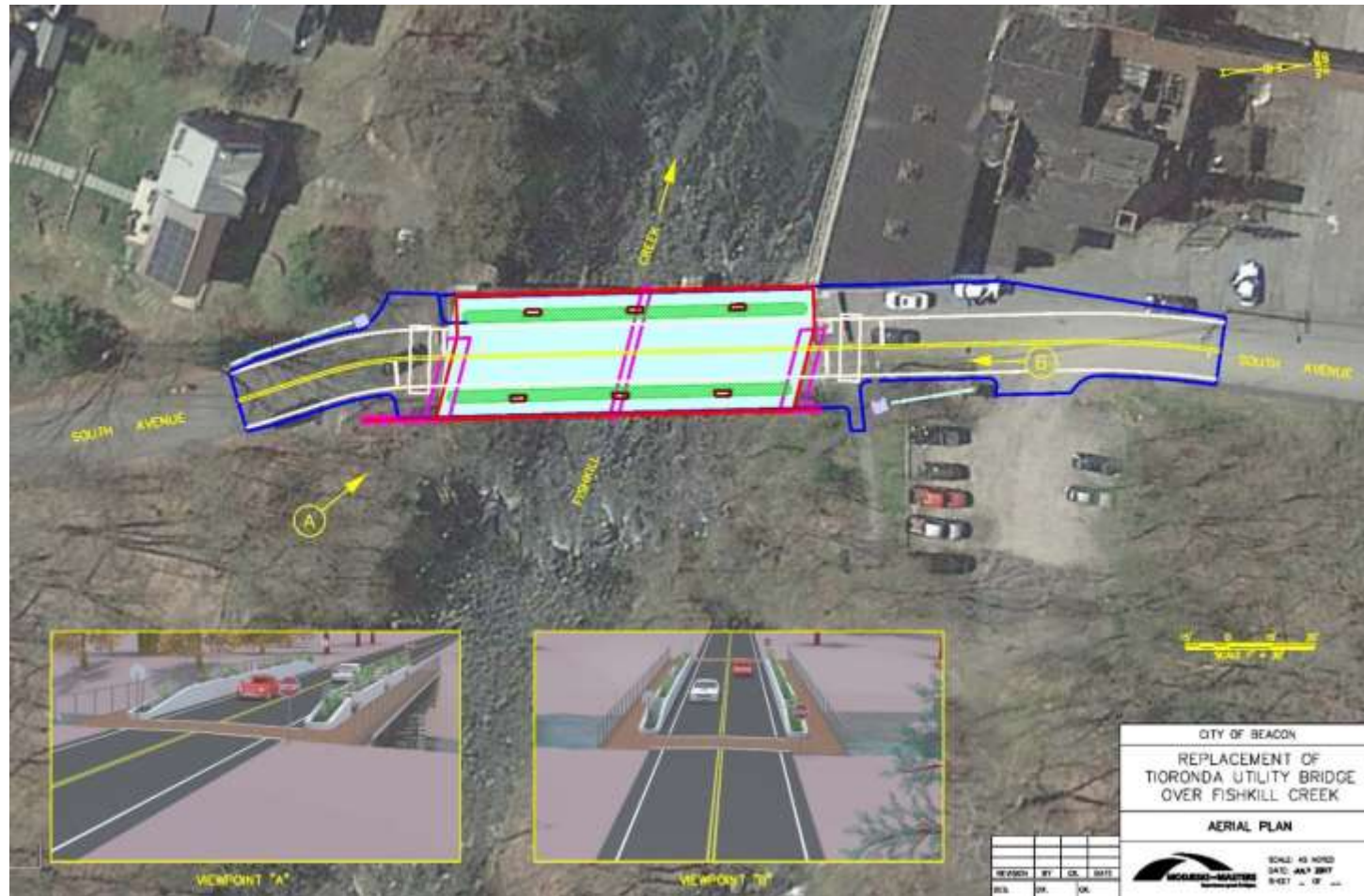
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# 7-31-17 Iteration (Plan View)





# 7-31-17 Iteration (Aerial)



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# 7-31-17 Iteration (Visualization)



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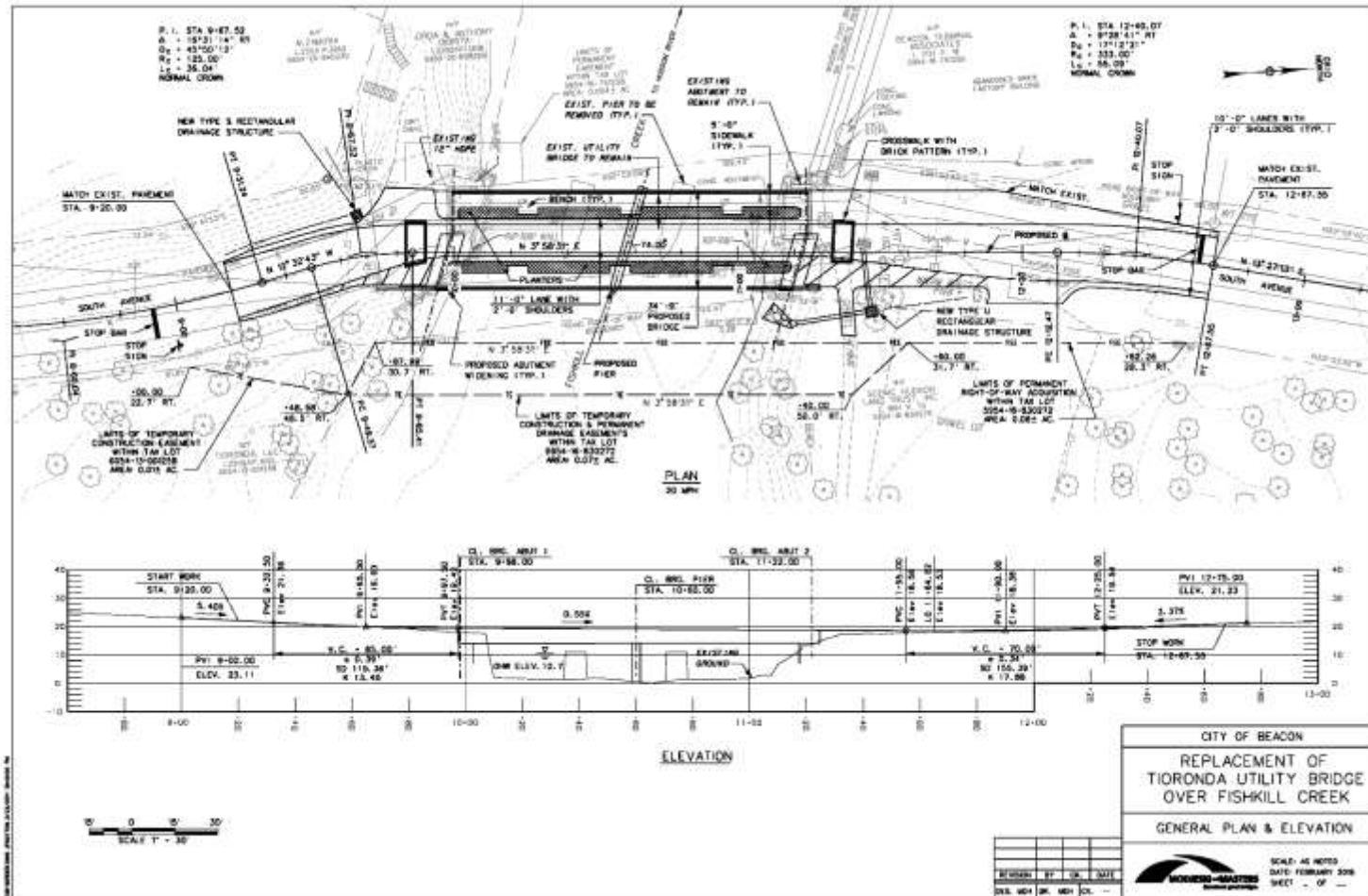
# 7-31-17 Iteration (Visualization)



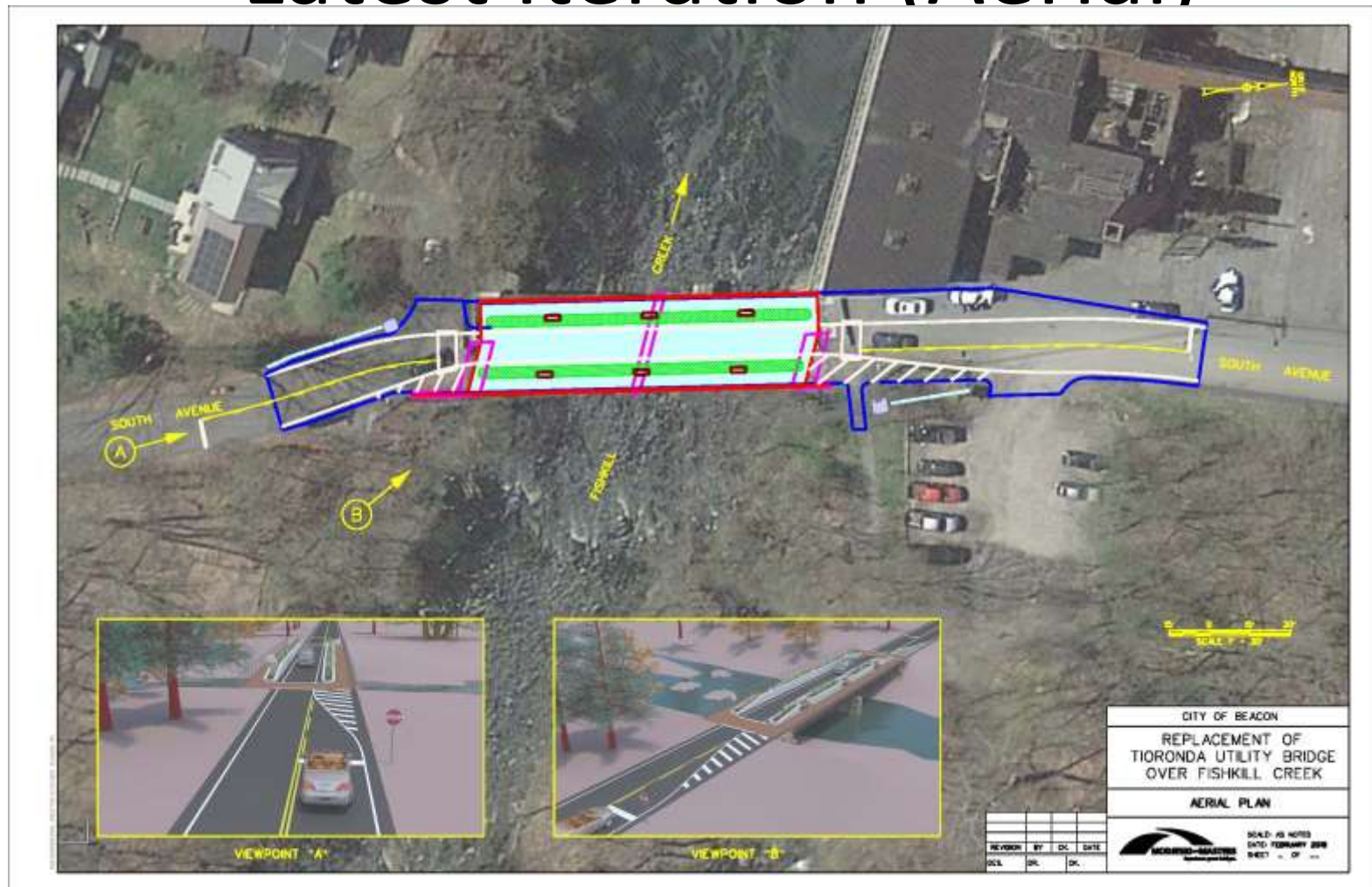
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# Latest Iteration (Plan View)

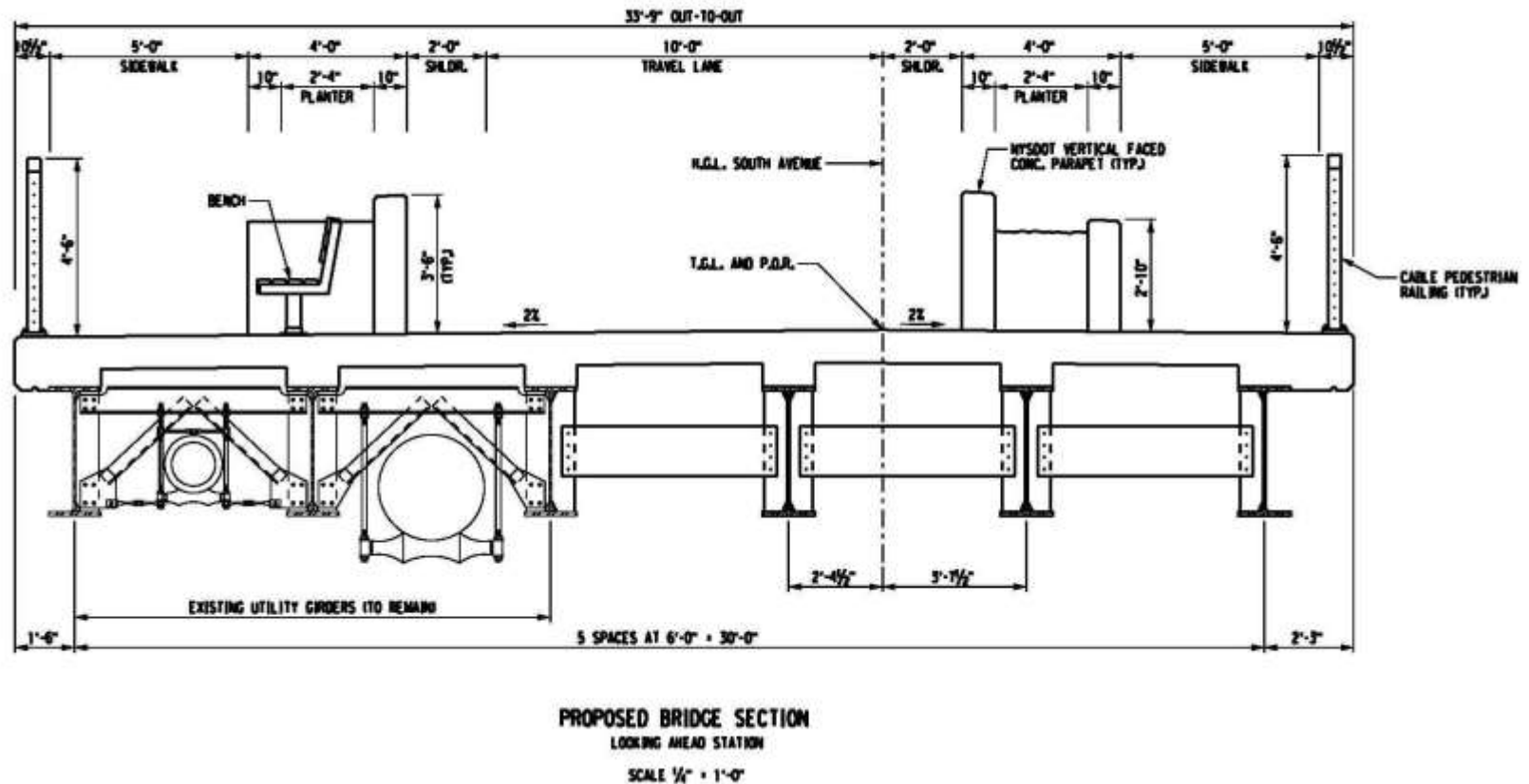


# Latest Iteration (Aerial)



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# Latest Iteration (Visualization)



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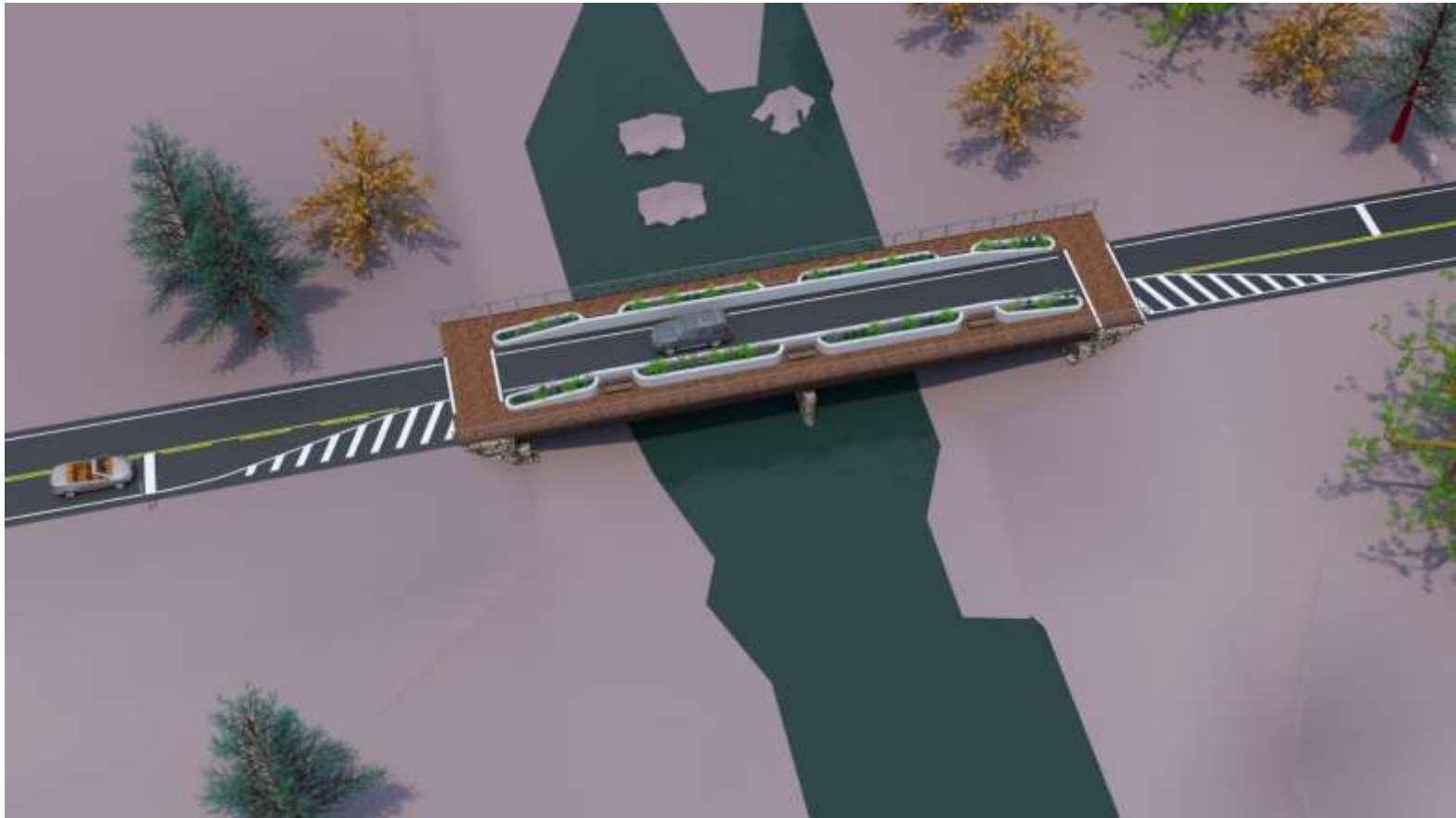


# Latest Iteration (Visualization)



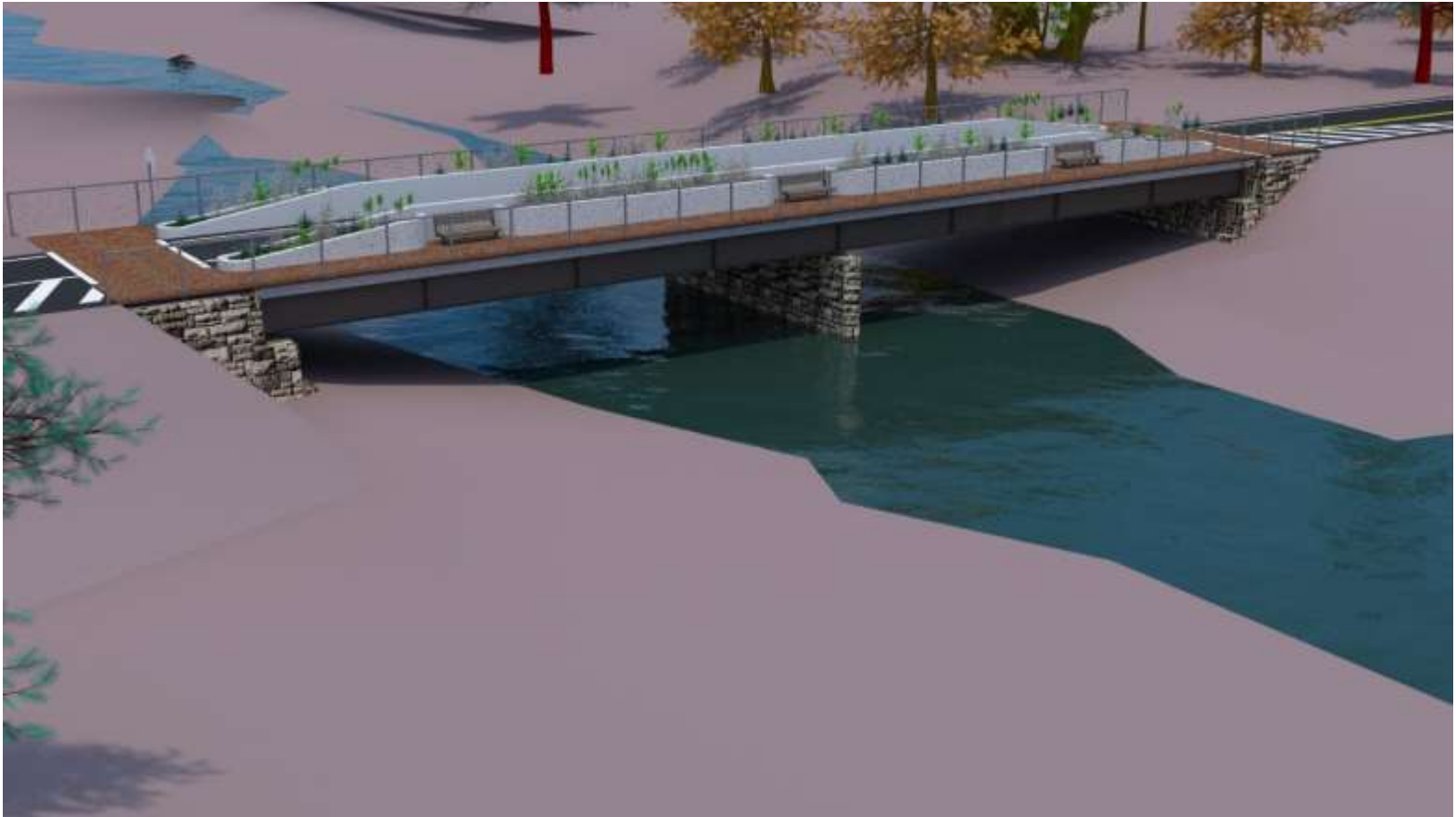
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# Latest Iteration (Visualization)



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# Latest Iteration (Visualization)



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*Thank You!*

*Questions?*

