Introduction & Public Comment Format

• Presentation will be recorded and slides from the presentation will be posted to the project website link provided at the end of the presentation.

• All questions will be answered at the end of presentation.

• Submit questions via the “Raise Hand” feature on Zoom screen (phone only participants dial *9 to “Raise Hand”).

• Email address will be provided at the end to send in additional questions.
Agenda

• **Introduction & Opening Remarks**
  Town of Greenwich – Gabriella Circosta-Cohee, PE

• **Project Overview**
  Stantec Consulting Services Inc.
  Justin Abate, PE

• **Additional Project Impacts**
  Stantec Consulting Services Inc.

• **Public Comments & Questions**
Attendees

- Town of Greenwich Department of Public Works
  - Gabriella Circosta-Cohee, PE - Senior Civil Engineer
  - James Michel, PE - Deputy Commissioner of Public Works
  - Amy J. Siebert, PE - Commissioner of Public Works

- Stantec Consulting Services Inc.
  - Justin Abate, PE - Project Manager
  - Andrew Lessard, PE - Technical Advisor
  - Antonio DiCamillo, PE - Civil Engineer
  - Jeff Olszewski, PLA, ASLA - Landscape Architect
  - John Eberle, PE - Principal
Tonight’s Goals

• Provide overview of the project
• Review project impacts and opportunities
• Discuss next steps
• Receive comments

WE WANT TO HEAR FROM YOU!
Purpose & Need

Replacement of the Wesskum Wood Road Bridge Over Binney Park Brook

Why This Project?

• Primary – Recommended for replacement by the most recent Bridge Inspection
  o Secondary – Safety improvements for motorists and pedestrians
Other Project Considerations

- Environmental permitting and Town approvals
- Avoiding private property impacts
- Construction approach / sequencing and traffic control
- Binney Park Scenic Loop - maintaining aesthetic and historic appeal of the bridge

ALL WILL BE ADDRESSED THROUGHOUT THE DESIGN PROCESS
Binney Park Scenic Loop

- September 9, 2020 Planning and Zoning approved the Loop
- Loop includes portions Sound Beach Ave, Wesskum Wood Rd, & Arch St.
- Sec. 11-13 – “Town shall maintain scenic roads in good and sufficient repair”
  
  Any alteration or improvement shall be made so as to minimize any adverse impact on the scenic character of the road.
- Look and feel of bridge will be maintained within safety requirements
- Will go to Planning & Zoning next for Scenic Road Approval
Project Overview

Stantec Consulting Services Inc.

Justin Abate, PE
Existing Conditions

Existing Bridge: Concrete Structure with Stone Facing

Existing Sidewalk

1040 veh/day
Existing Conditions

- Superstructure Condition Rating = “4” (poor)
- Most recent bridge inspection recommended for replacement, confirmed by subsequent investigations by Stantec.
Bridge Types Considered

- Steel I-Girder Bridge
- Precast Concrete Box Culvert
- Precast Concrete Slab Bridge

→ Precast Concrete Arch with Stone Veneer
Existing Plan
Proposed Plan
Rendering
Proposed Elevation

CONCRETE WITH STONE MASONRY FACING
(REUSE EXISTING STONES)

STONE MASONRY CAPSTONE
(REUSE EXISTING)

PROPOSED GRADE

APPROXIMATE GRADE
EXISTING & PROPOSED

ELEVATION
SCALE: $\frac{1}{4}''=1'-0''$
Proposed Section

TYPICAL APPROACH SECTION
SCALE: 1/8"=1'-0"
Planting Plan

BEGIN TOWN PROJECT 17-17 LIMIT OF CONSTRUCTION
WESSKIM WOOD ROAD STA. 11+50
SAWCUT EXISTING PAVEMENT
MATCH EXISTING PAVEMENT MARKINGS
AND CROSS SLOPE

END TOWN PROJECT 17-17 LIMIT OF CONSTRUCTION
WESSKIM WOOD ROAD STA. 13+66
SAWCUT EXISTING PAVEMENT
MATCH EXISTING PAVEMENT MARKINGS
AND CROSS SLOPE

PLANT LIST

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<th>QTY</th>
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<td>DAWN REDWOOD</td>
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Proposed Changes from Existing

1. Addition of Sidewalk at the South Side
   a. Continuation of sidewalk at southeast
   b. Connect to a future sidewalk at southwest

2. Pavement Width (from ±20 feet to 26 feet)
   a. Meet guidelines to provide area for cyclists

3. Taller Parapets
   a. Increase from ±29” existing to 42” proposed
   b. Bridge design requirement for safe railing height

4. End Wall Treatments
   a. Curved end walls to avoid “snagging” hazard, OR
   b. Straight end walls with weathering steel guiderail
Renderings - End Wall Treatments

a. Curved end walls to avoid “snagging” hazard OR
b. Straight end walls with weathering steel guiderail

Option “a” (preferred)  Option “b”
Impacts to Traffic

- Road closure with a detour
- 3 month duration
Tentative Project Schedule

• Anticipated Project Schedule
  o Semi-Final Design – November 2020
  o Submit Permits – January 2021
  o Final Design – April 2021
  o Advertise Construction to Bid – December 2021
  o Start Construction – March 2022
  o Complete Construction – December 2022
THANK YOU FOR PARTICIPATING IN THIS VIRTUAL MEETING!

Questions

• Submit questions via the “Raise Hand” feature on Zoom screen (phone only participants dial *9 to “Raise Hand”). Please limit questions to 30 seconds.

• Project Contact:

  Gabriella Circosta-Cohee, PE
  Senior Civil Engineer
  Department of Public Works
  203-861-3151
  gcohee@greenwichct.org

• Project Website:

  https://www.greenwichct.gov/1607/Wesskum-Wood-Road-Bridge