



**Department of  
Transportation**

# **Public Information Workshop**

**Ravensdale Road over the Saw Mill River  
Parkway Bridge Project  
PIN 8754.76**

January 17, 2019

# Project Background

- Bridge constructed in 1946
- Due to the condition rating, bridge is in need of replacement



# Project Background



First Span Facing North

# Project Background



Second span facing north over the South County Trailway

# Project Background

## Existing Bridge Condition

Photo Number: 2      Photo Filename: 16\_02\_Begin Abutment Under Bay 2.JPG



Photo Number: 6      Photo Filename: 16\_06\_Begin Abutment Bay 7.JPG



Photo Number: 7      Photo Filename: 16\_07\_Begin Abutment from Right.JPG



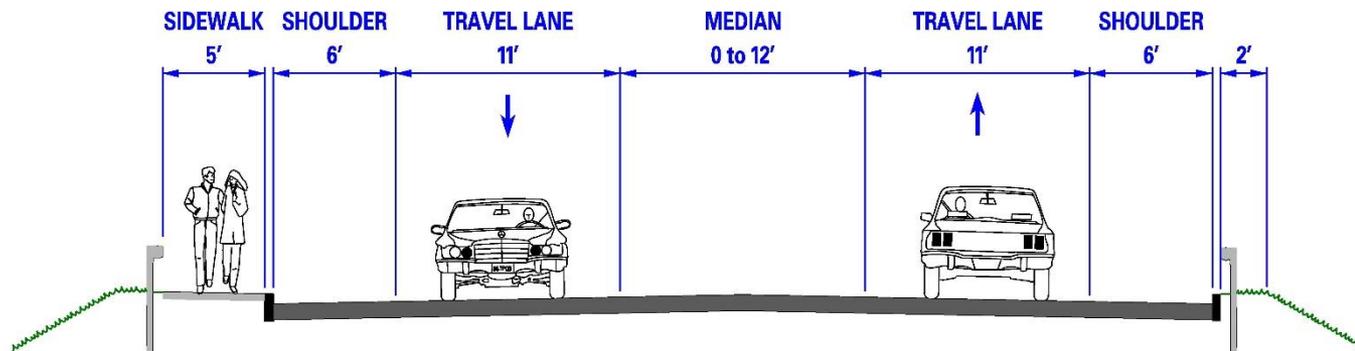
Photo Number: 28      Photo Filename: 16\_27\_Span 2 Wearing Surface from Begin



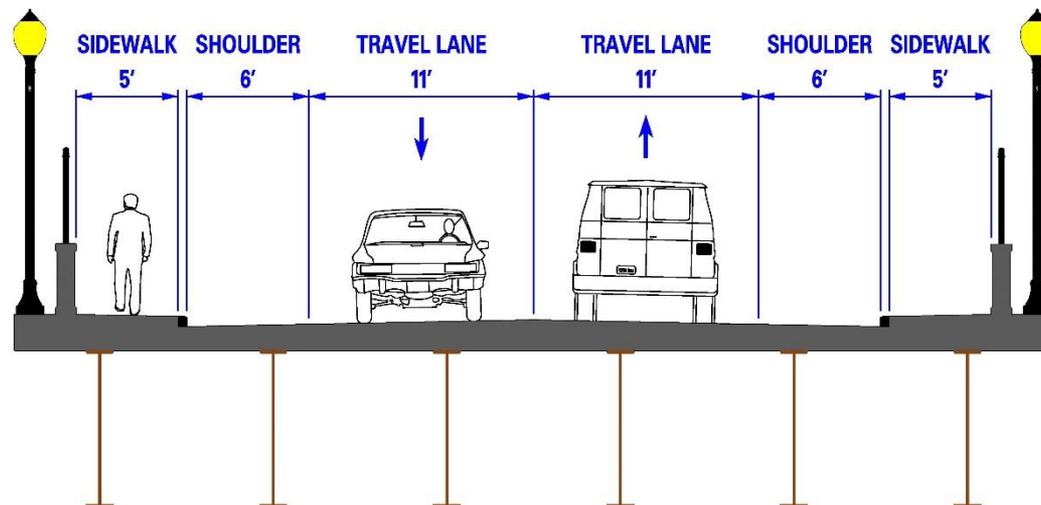
## Project Background

- Provide a safe crossing with no structural deficiencies with a design life of at least 75 years.
- Maintain traffic during construction with minimal delays.
- Restore pavement to good condition and ride-ability.
- Provide a cost effective solution within the Department's available funding level.

# Typical Sections

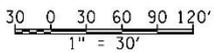
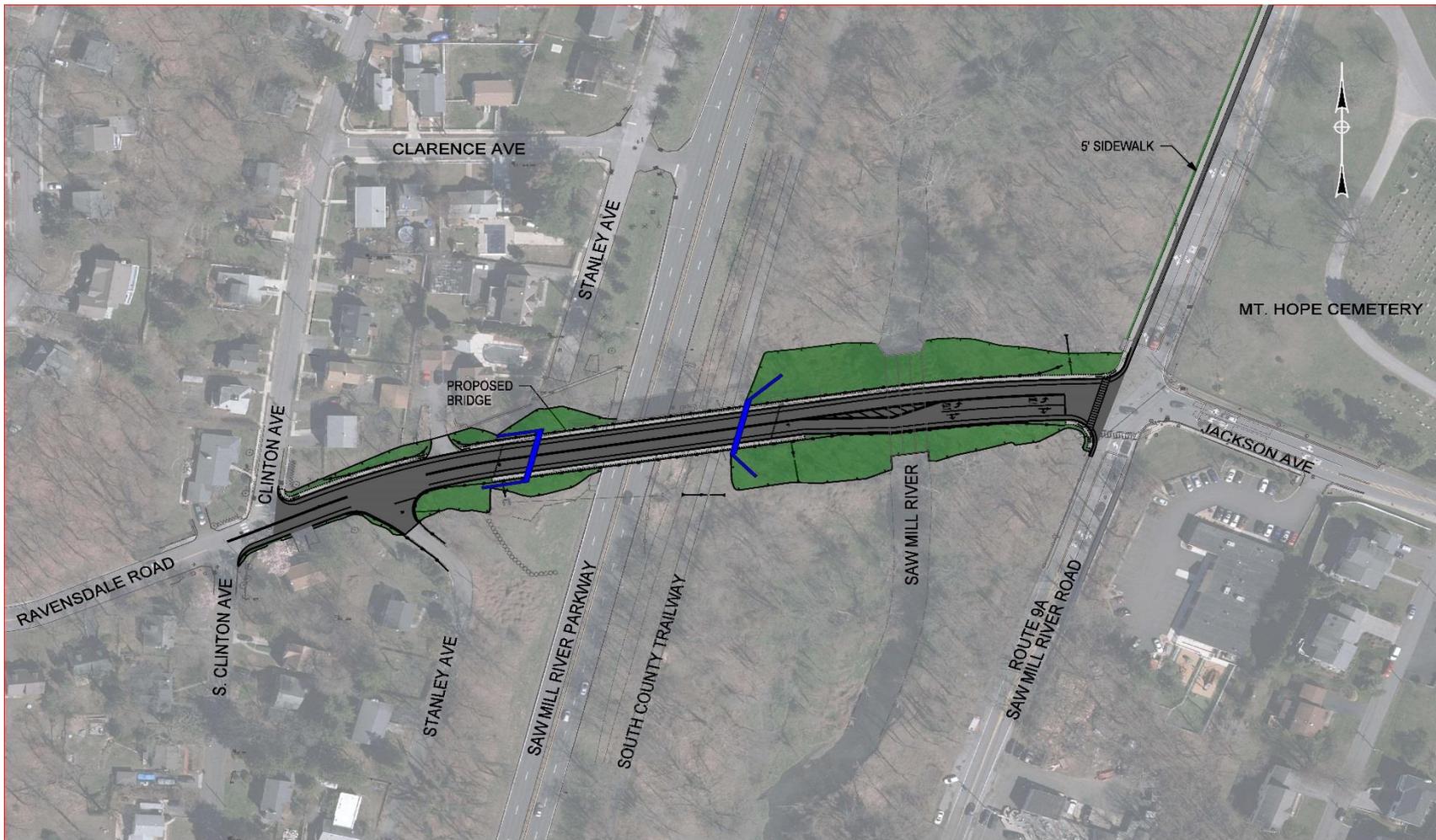


TYPICAL ROAD SECTION



TYPICAL BRIDGE SECTION

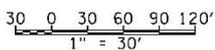
# Ravensdale Planimetric



Ravensdale Road over Saw Mill River Parkway  
Village of Hastings-On-Hudson, Town of Greenburgh  
Full Bridge Reconstruction

# Ravensdale Planimetric

## Use a temporary bridge to maintain traffic



Ravensdale Road over Saw Mill River Parkway  
Village of Hastings-On-Hudson, Town of Greenburgh  
Full Bridge Reconstruction

# Ravensdale Summary

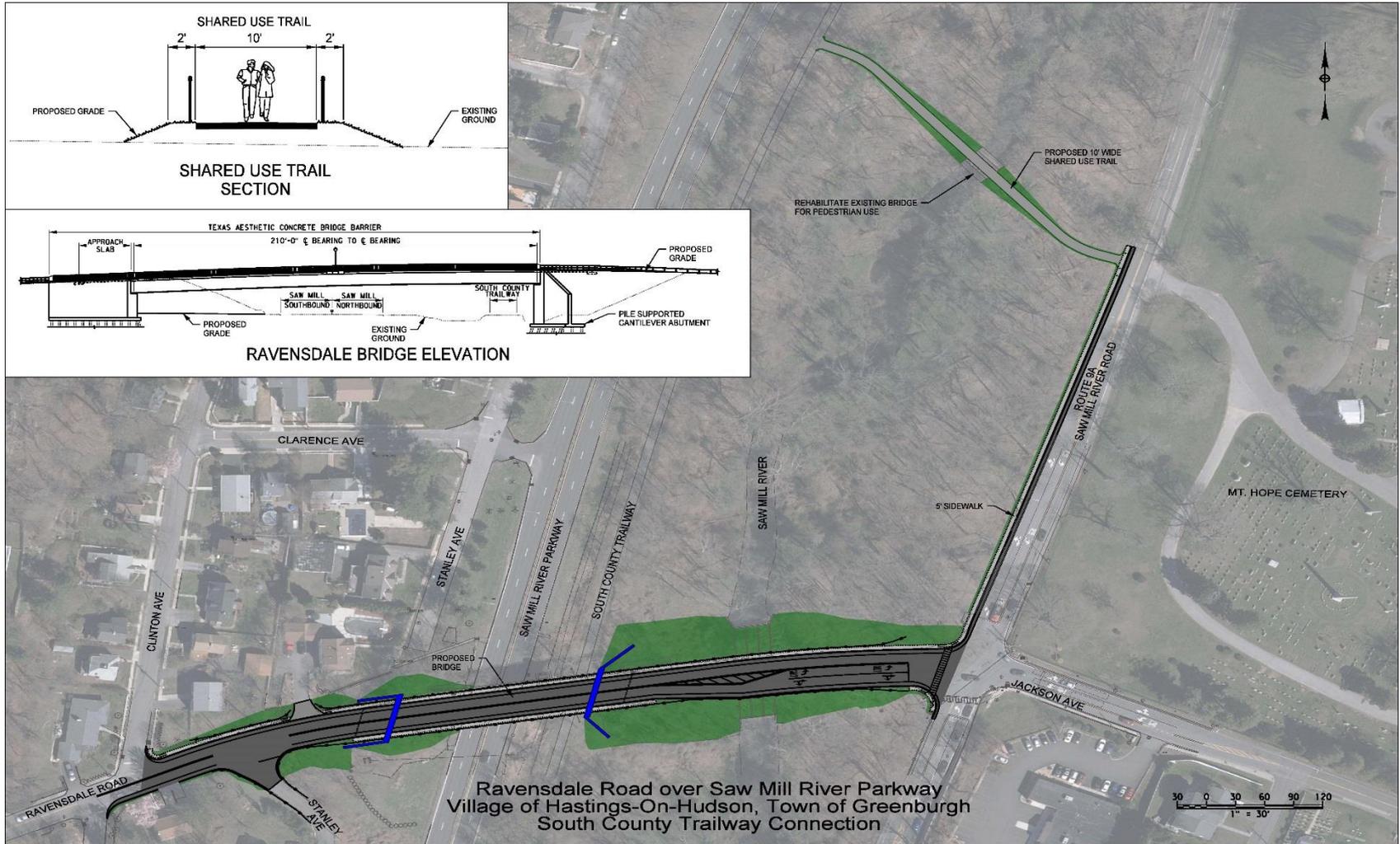
	Temporary Bridge Alternative
Ravensdale Road	<ul style="list-style-type: none"><li>• Remains open</li><li>• \$17.4M</li><li>• 18 months</li><li>• Closed during construction</li></ul>
Cost	
Construction Duration	
Stanley Avenue	

## South County Trailway



- Trail will remain open throughout construction.
- Limited short-term closures during critical operations
  - Demolition
  - Steel Erection

# South County Trailway Connection from Route 9A Intersection



# Existing bridge over the Saw Mill River; Preferred location for South County Trailway connection



## SMRP night time closures will be required during:

- Temporary bridge installation
- Demolition of existing bridge
- Erection of new bridge superstructure

# Texas Aesthetic Barrier with Fence



## Construction Impact Reduction



Example Construction Site Screening

- Construction will closely adhere to local noise ordinances
  - Monday – Saturday: 7 am to 8 pm
  - Sunday: 10 am to 5 pm (permitted but not expected)
  - Advanced notice will be given in the event that any night time operations may be necessary.
- Staging areas will be screened with fencing to minimize the visual impact of the proposed construction to local residents.
- A pre-construction meeting between the NYSDOT's contractor and the project engineer will be held to discuss the work zone layout to reduce the impact to the local residents.

# Schedule

Phase	Estimated for
Design Approval	February 2019
ROW Acquisition Complete	June 2019
Final Plans, Specifications & Estimate	June 2019
Bid Opening	September 2019
Project Awarded	November 2019
Construction Begins	January 2020
Construction Ends (If Off-Site Detour)	October 2020
Construction Ends (If Temp. Bridge Alt.)	June 2021



# Information or Written Comments Contact:

Paul Tirums, NYSDOT Regional Structures Engineer  
4 Burnett Boulevard  
Poughkeepsie, NY 12603  
(845) 431-7915