



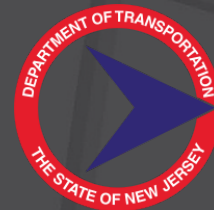
Route 23

High Crest Drive to Macopin River

Virtual Public Information Center
West Milford Township, County of Passaic
Kinnelon Borough, County of Morris

September 1, 2026 – September 15, 2026

www.Rt23HighCrest.com





MEETING AGENDA

- Project Overview
 - Current Phase of Project
 - Purpose and Need
 - Project Location
 - Existing Conditions
- Proposed Improvements
- Construction Staging
- Project Schedule
- Contact Information





PROJECT OVERVIEW

Current Phase of Project:

- Construction Phase

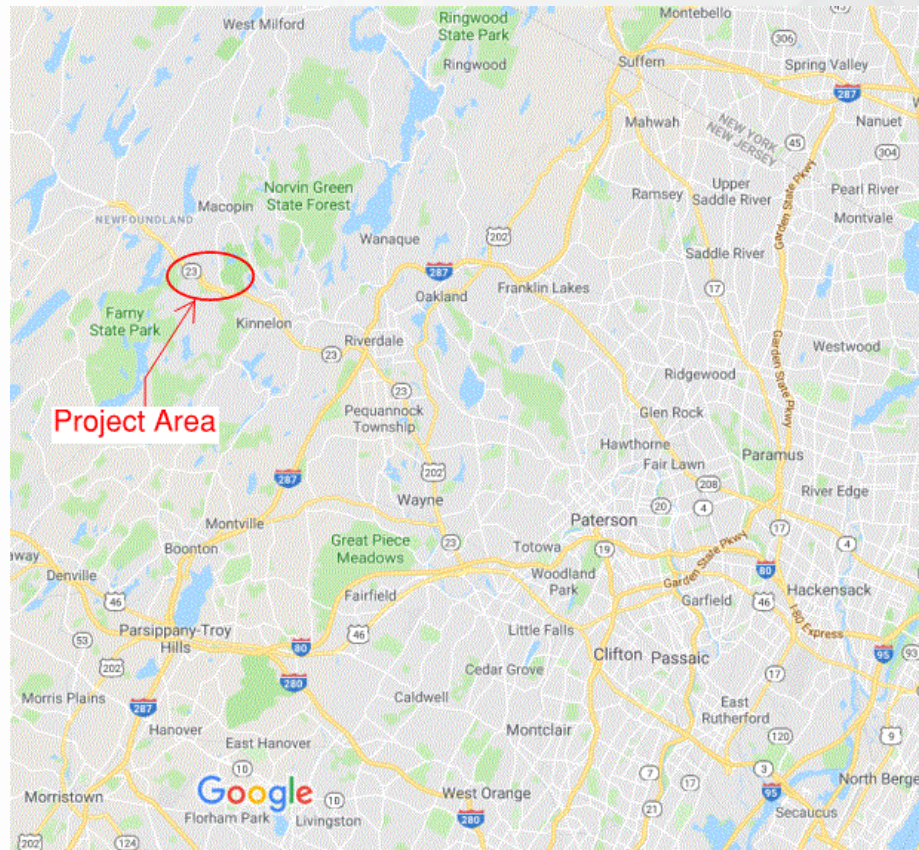
Project Purpose and Need:

- The purpose of the project is to extend the service life of the Route 23 northbound and southbound pavement and enhance safety along the NB S-curve near Germantown Road.
- The project includes pavement resurfacing and reconstruction, as well as the realignment of three U-turns and upgrades to guiderail, bridge parapets, lighting, and stormwater drainage features.

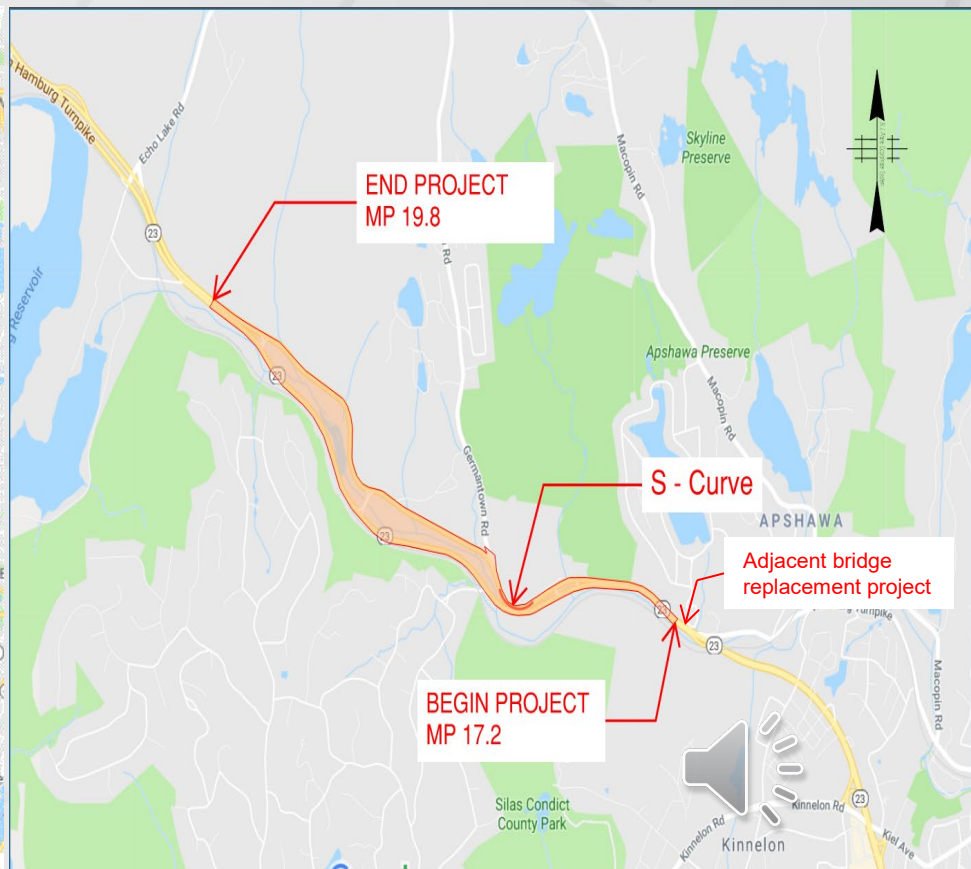




PROJECT LOCATION



Project Area



END PROJECT
MP 19.8

S - Curve

Adjacent bridge
replacement project

BEGIN PROJECT
MP 17.2

Map data ©2018 Google



PROJECT OVERVIEW

Existing Conditions:

- Route 23 in the project limits is a divided highway with 2 travel lanes in each direction (north & south).
- Posted speeds range from 40mph to 55mph.
- The S-curve section (at the south end) has substandard sight distance.
- Existing guiderail is substandard.
- There are six (6) culverts within the project limits.
- There are three existing U-turns within the project area:
 - U-turn # 1 (MP 17.73) - Apshawa River
 - U-turn # 2 (MP18.89) - Smoke Rise
 - U-turn # 3 (MP 19.55) - Pequannock Water Treatment Plant





PROJECT OVERVIEW

Proposed Improvements:

- Mill and resurface Route 23
- Reconstruct shoulder areas to full-depth pavement
- Widen and re-grade the S-Curve area to provide improved superelevation and a standard 8-foot-wide outside shoulder
- Reconfigure U-turn areas to increase driver visibility and stopping sight distance
- Construct new curb and retaining walls
- Reconstruct parapets at existing drainage culverts
- Install new drainage basins
- Replace existing substandard guiderail with new guiderail





PROPOSED IMPROVEMENTS – SOUTHERN PORTION



LEGEND

- MILLING
- FULL DEPTH PAVEMENT
- PAVEMENT REMOVAL
- PROPOSED CURBS
- GUIDE RAIL
- RETAINING WALL
- SINGLE FACED CONCRETE BARRIER CURB
- STORMWATER BMP



PROPOSED IMPROVEMENTS – NORTHERN PORTION





CONSTRUCTION STAGING

FIVESTAGE CONSTRUCTION

Stage 1:

- Route 23 NB traffic will be shifted to the left (at the S-Curve area).
- Full-depth pavement construction will be performed at the S-Curve area and other select areas (such as at shoulders).
- U-Turn #3 (north end) will be constructed.
- The drainage basin (near U-Turn #3) will be constructed.

Stage 2:

- Route 23 NB traffic will be shifted to the right (at the S-Curve area).
- Full-depth pavement construction will be performed at the S-Curve area and other select areas (such as at shoulders).
- U-Turn #1 (south end) will be reconstructed.
- The drainage basin (near U-Turn #1) will be constructed.





CONSTRUCTION STAGING

FIVESTAGE CONSTRUCTION

Stage 3:

- U-Turn #2 (middle of project) will be reconstructed.
- A retaining wall will be constructed along Route 23 NB near U-Turn #2.

Stages 4 and 5:

- Route 23 NB & SB will be milled and resurfaced, with one lane closed during nighttime allowable lane closure hours.
- Remaining guiderail will be installed.
- Final striping and pavement markings will be applied.





CONSTRUCTION STAGING

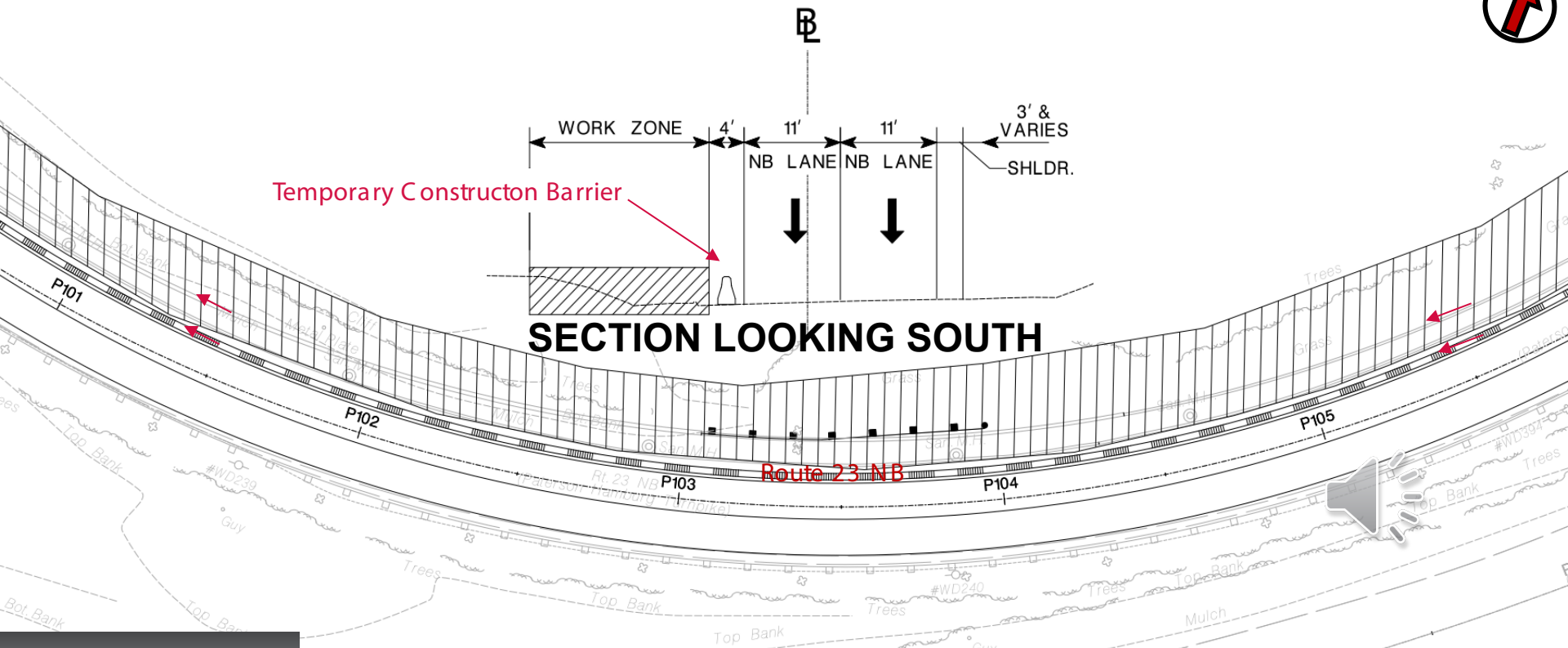
Critical Construction Activities:

- Construction barriers will be used where long-term closures are expected.
- Milling, resurfacing, and proposed drainage crossings will be performed during nighttime allowable hours, with one lane closed.
- Allowable lane closure hours include day and nighttime hours, when traffic volumes are lower.
- Lane closures are not permitted on holidays or special events.
- The proposed drainage basins will be constructed without requiring lane closures.





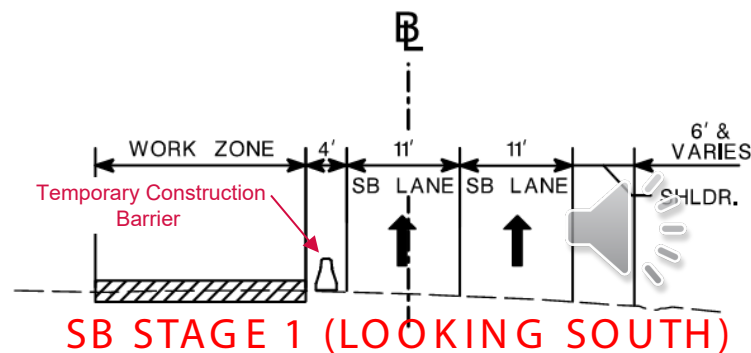
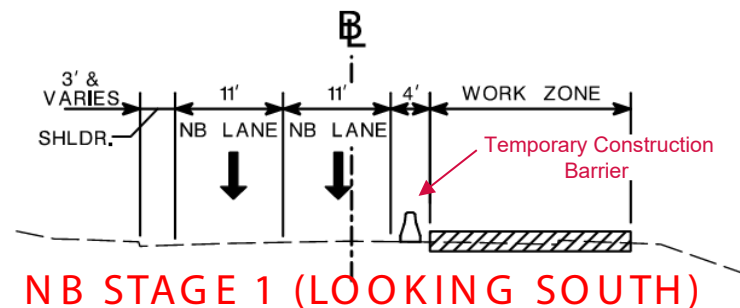
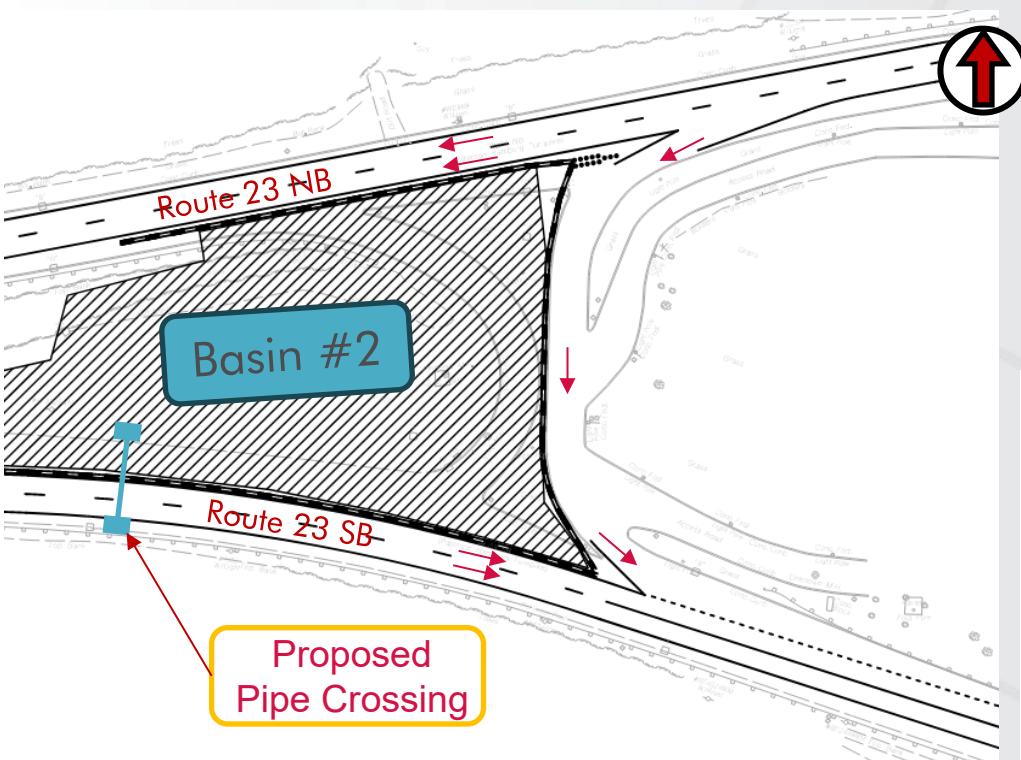
- Route 23 NB traffic will be shifted to the left.
- A barrier curb will be placed to separate the work zone.
- New drainage pipe and structures, full-depth pavement, proposed lighting, proposed curb and guiderail will be constructed.



CONSTRUCTION STAGING

STAGE 1—CONSTRUCTION OF UTURN #3

- Route 23 NB and SB traffic will be shifted to the right.
- At the U-Turn area, portions of the new U-Turn are constructed, along with a proposed drainage basin.
- Access to the Water Plant will be maintained.

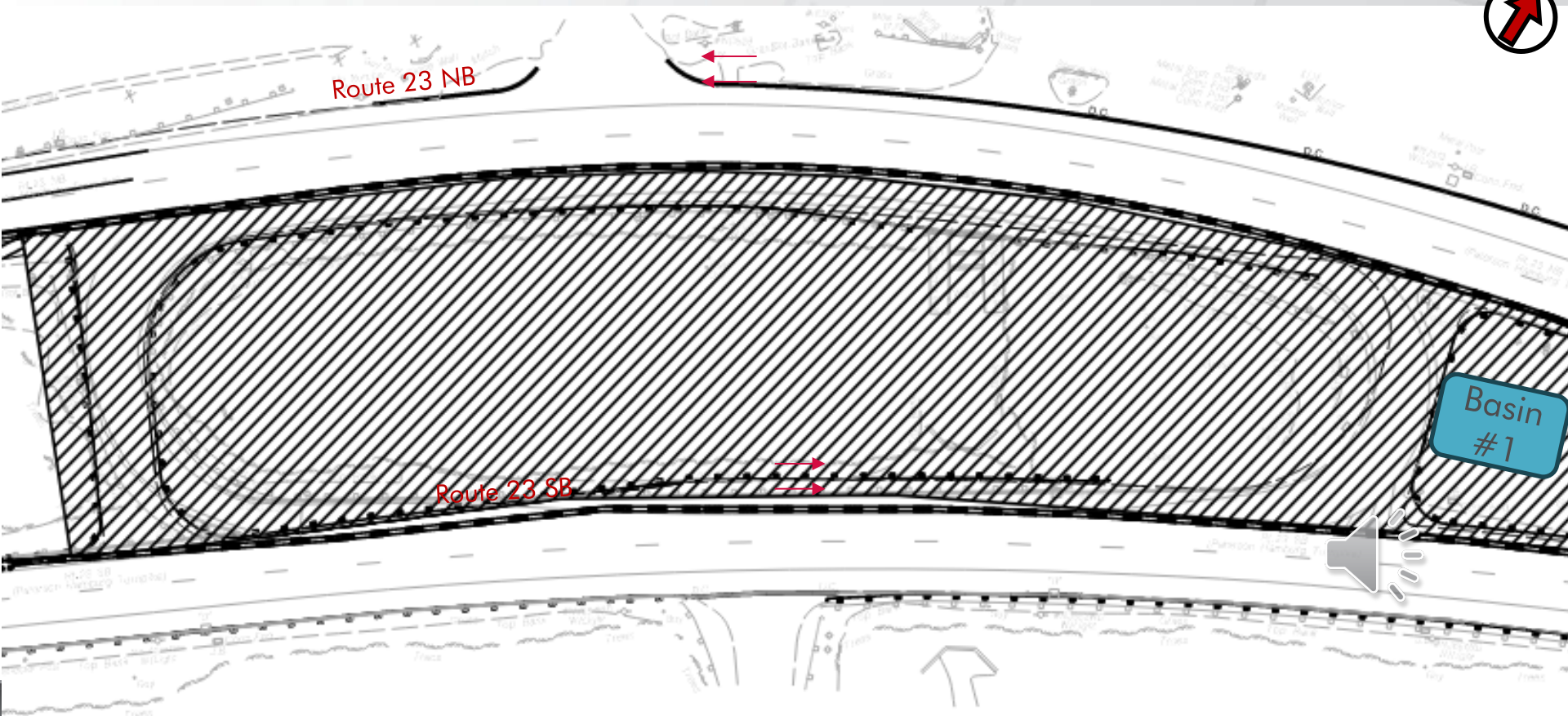




CONSTRUCTION STAGING

STAGE 2- CONSTRUCTION OF TURN #1

- Construction of U-Turn #1 (south end of project) will be performed with a full closure of the U-Turn area during this stage.
- A drainage basin will also be constructed at this time.

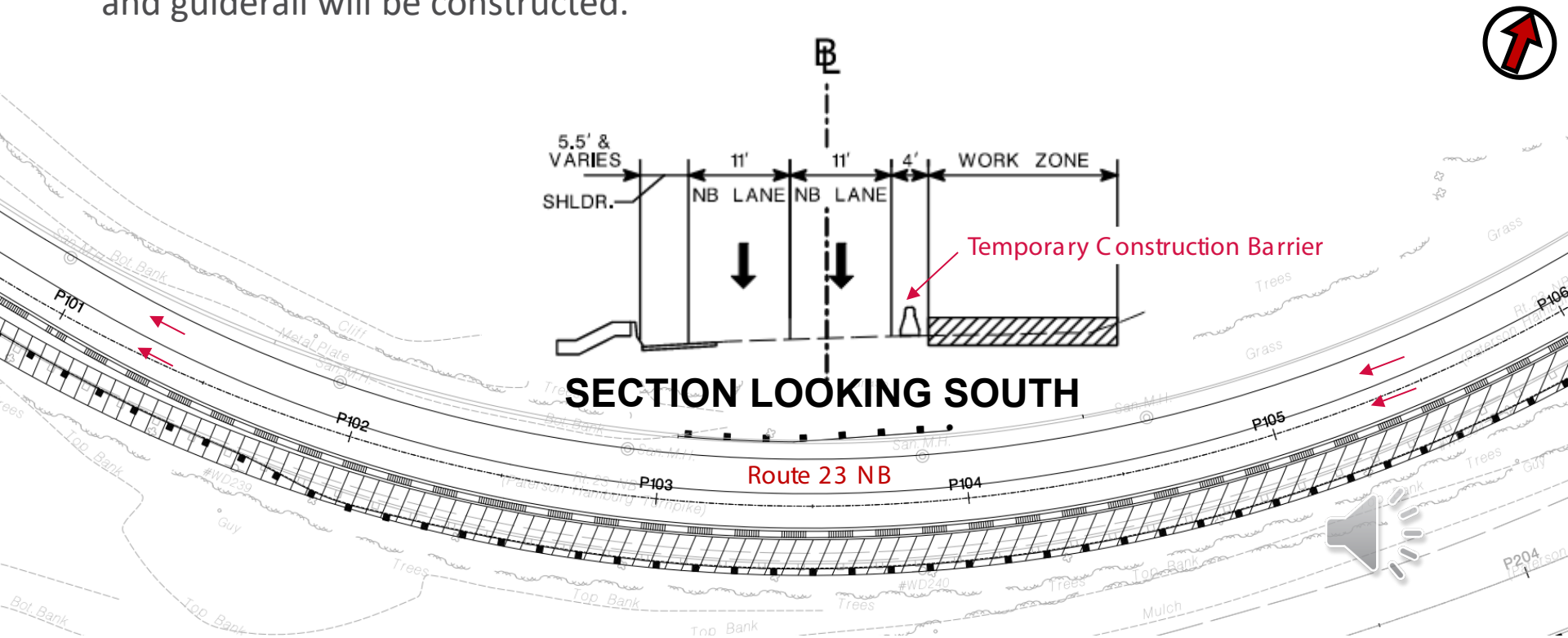




CONSTRUCTION STAGING

STAGE 2- CONSTRUCTION AT SCURVE AREA

- Route 23 NB traffic will be shifted to the right, using the new widened pavement.
- A barrier curb will be placed to separate the work zone.
- New drainage pipe and structures, full depth pavement, proposed lighting, proposed curb and guiderail will be constructed.

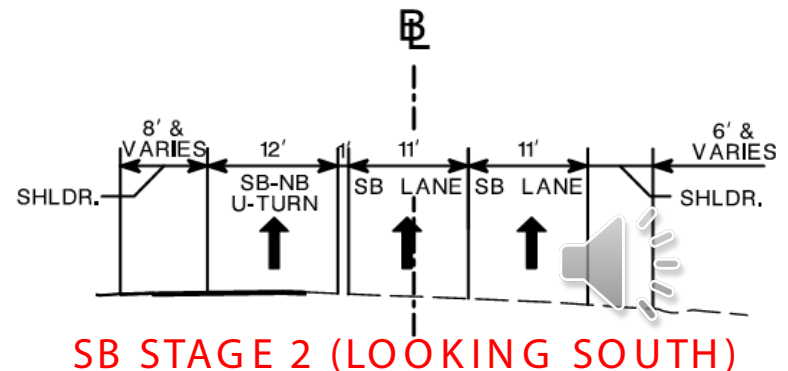
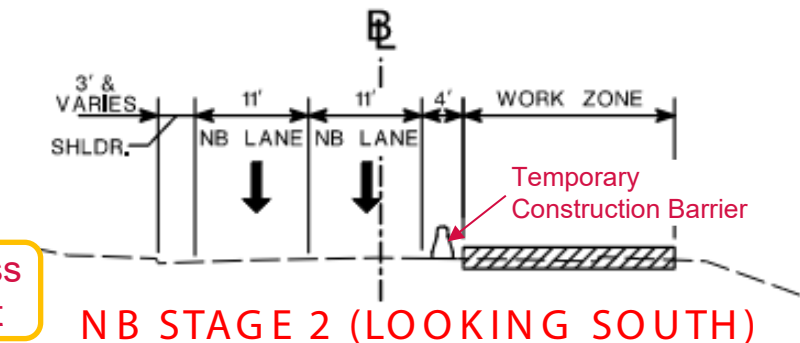
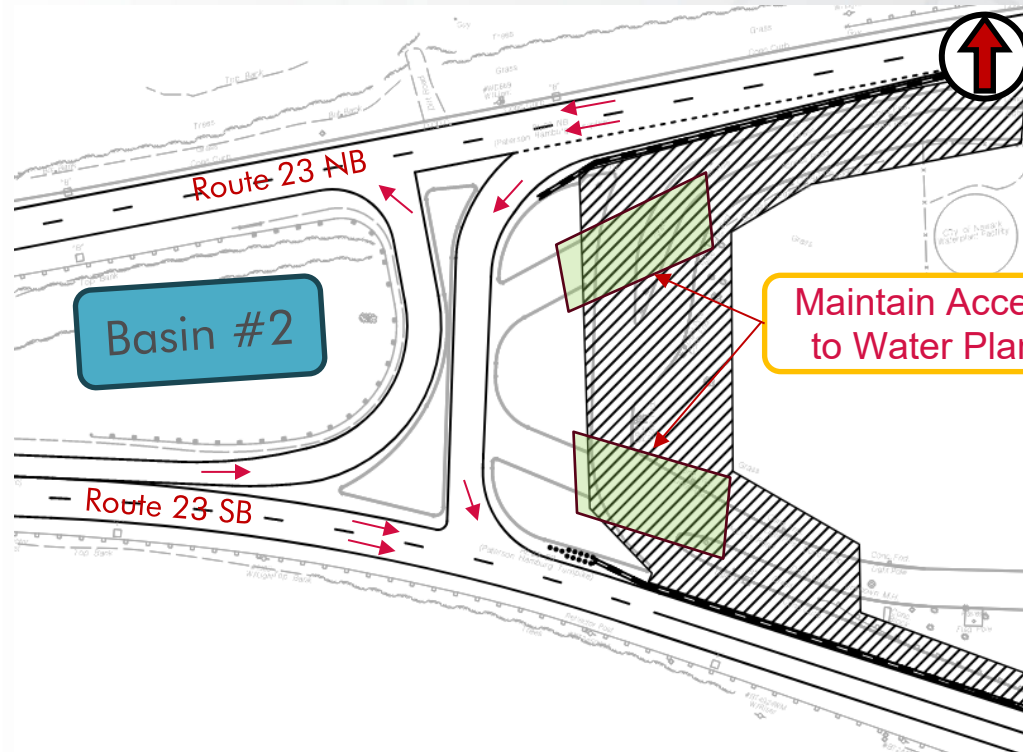




CONSTRUCTION STAGING

STAGE 2- CONSTRUCTION OF UTURN #3

- The newly constructed U-Turn will be opened to traffic.
- Portions of the original U-Turn will be removed, while maintaining access to the Water Plant.

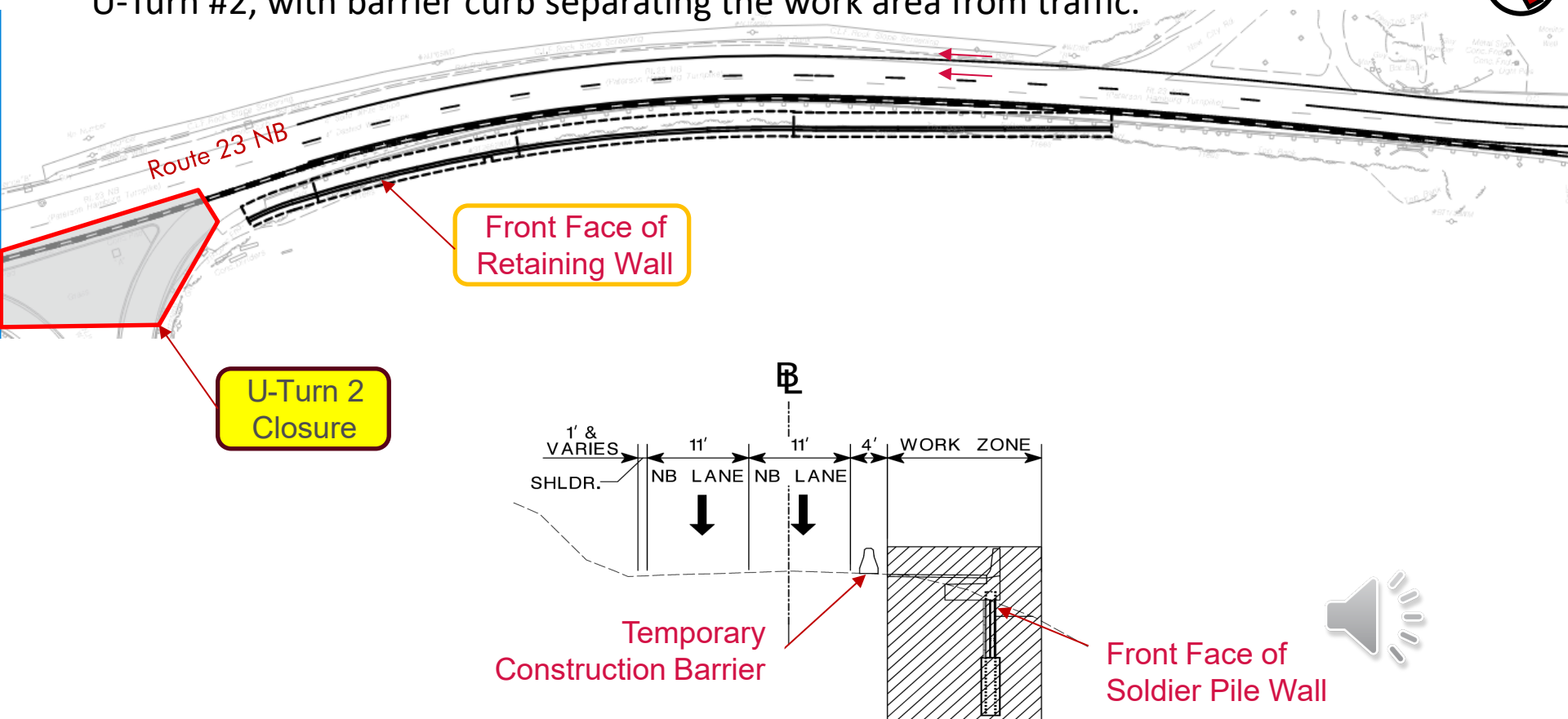




CONSTRUCTION STAGING

STAGE 3- RETAINING WALL CONSTRUCTION ADJACENT TO U-TURN #2

- Construction of a proposed retaining wall along Route 23 NB will be performed near U-Turn #2, with barrier curb separating the work area from traffic.

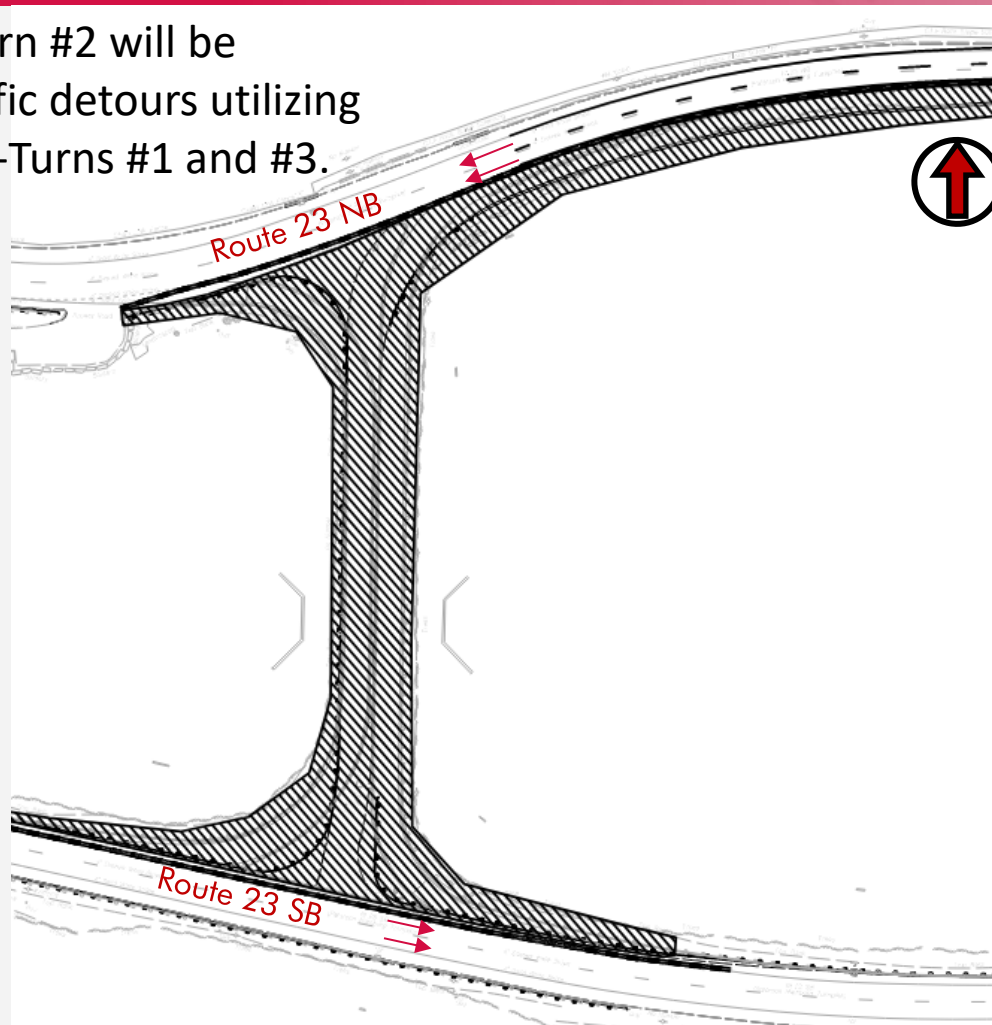




CONSTRUCTION STAGING - U-TURN CLOSURES

STAGE 3- CONSTRUCTION OF U-TURN #2

- Construction of U-Turn #2 will be performed, with traffic detours utilizing newly constructed U-Turns #1 and #3.



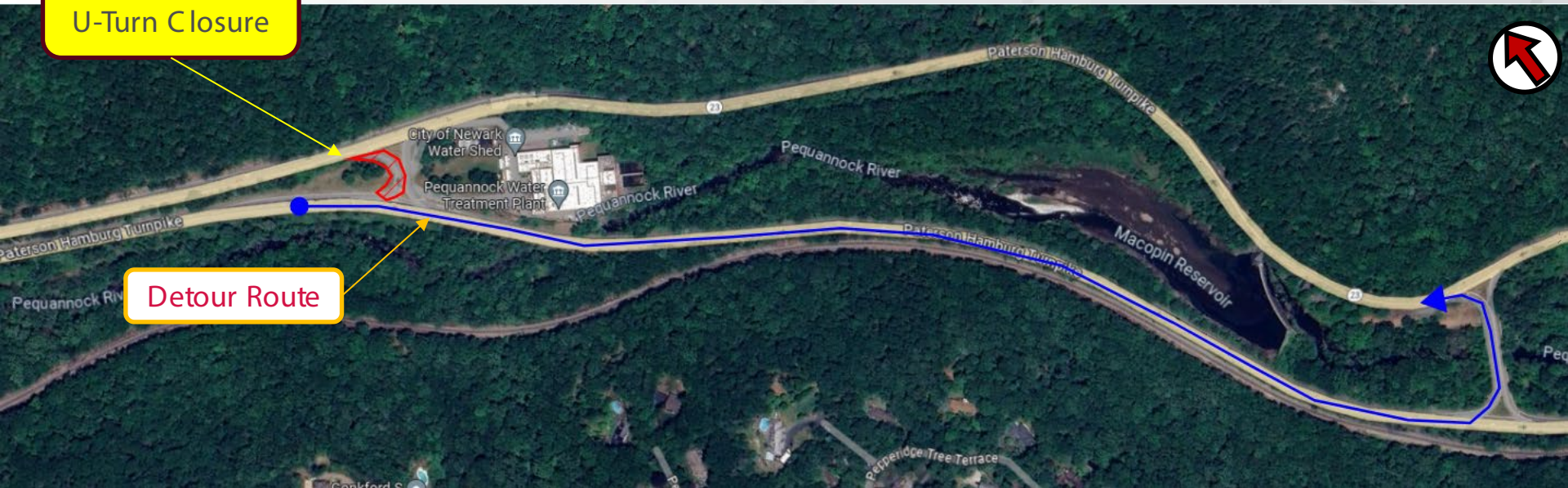


CONSTRUCTION STAGING

STAGE 1- DETOUR FOR CONSTRUCTION OF TURN #3

RT. 23 SB to NB
U-Turn Closure

Detour Route



- U-Turn #3 (north end of the project) will be constructed with access maintained to the water plant.
- The SB to NB U-Turn movement will be detoured to U-Turn #2 (middle of the project).



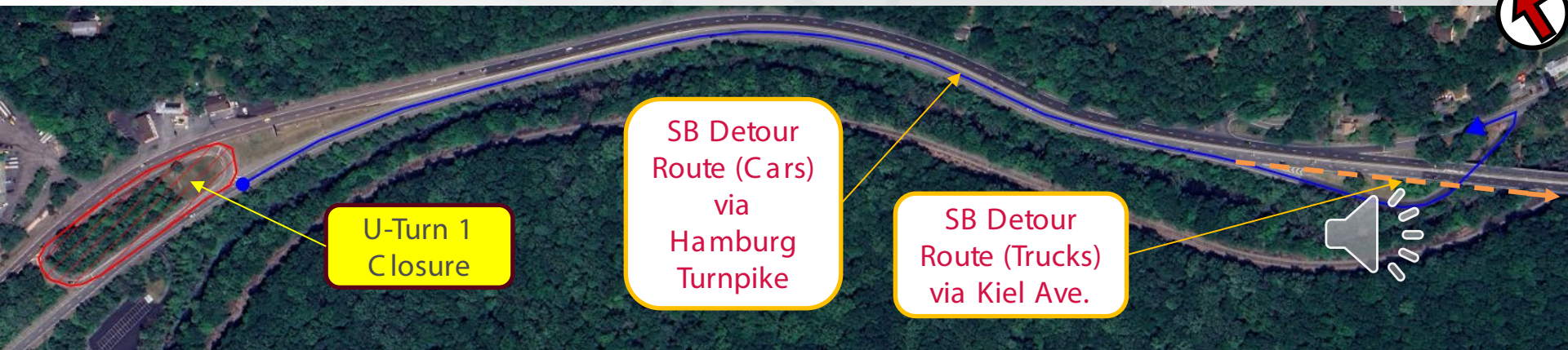


CONSTRUCTION STAGING

STAGE 2- DETOUR FOR CONSTRUCTION OF TURN #1



- For U-Turn #1 construction, the NB to SB U-Turn movement will be detoured to U-Turn #2.
- SB to NB U-Turns will be detoured to Hamburg turnpike (for cars) or Kiel Avenue (for trucks).

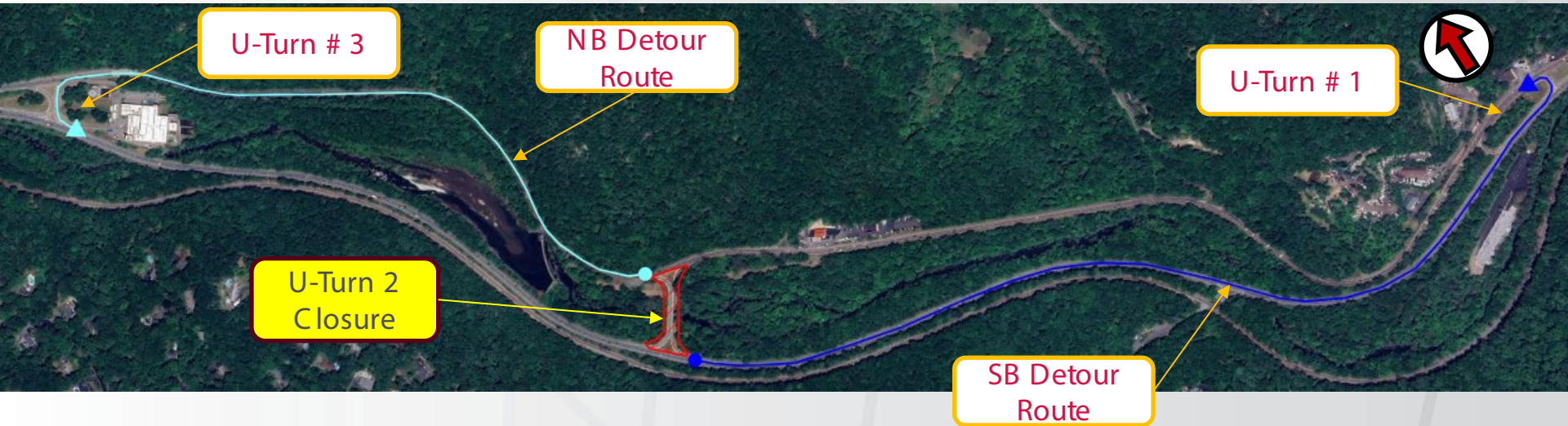




CONSTRUCTION STAGING

STAGE 3 DETOUR FOR CONSTRUCTION OF TURN #2

- U-Turn #2 (middle of the project) will be reconstructed.
- NB to SB U-Turns will be detoured to U-Turn #3 (north end of the project).
- The SB to NB U-Turn movement will be permanently closed.





PROJECT SCHEDULE

- **Project Schedule**

- 7/28/26 Pre-Construction Kick-Off Meeting
- Fall 2026 Start Construction
- Fall 2029 Construction Completion





THANK YOU

Please submit questions or comments using this link:

info@Rt23HighCrest.com

After October 13, 2026, for further information, please contact:

Shivon Harris, Regional Area Coordinator
Office of Government and Community Relations
New Jersey Department of Transportation
1035 Parkway Avenue, PO Box 600
Trenton NJ 08625-0600
Phone: (609) 963-1218

ShivonA.Harris@dot.nj.gov

