MEETING WILL BEGIN SOON

SR 1060 Section A20 Salina Bridge Replacement Project

Westmoreland and Armstrong Counties, PA

Public Meeting

Michael Baker INTERNATIONAL

MAY 31, 2023

U.S. Department of Transportation Federal Highway Administration

pennsylvania DEPARTMENT OF TRANSPORTATION

WELCOME!

SR 1060 Section A20 Salina Bridge Replacement Project

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INTRODUCTIONS

PennDOT Engineering District 12-0

- Project Sponsor (PennDOT)
- Lead Federal Agency (FHWA)
- Consultants
  - (Michael Baker, Navarro & Wright, Markosky, Keystone Acquisition Services, T2 Utility Engineers)
- Attendees

INTRODUCTIONS

Meeting Invitees

- Public
- Westmoreland County
  - Bell Township Officials
- Armstrong County
  - Kiskiminetas Township Officials
- Kiski Area/Apollo-Ridge School District
- Emergency Services
- PA Legislature
- US Legislature

AGENDA

- Project Location
- Project Overview
- Design Plans / Traffic Control During Construction
- Project Milestones
- Questions/Comments

PROJECT LOCATION

PROJECT OVERVIEW

Project Purpose

- Provide a transportation solution that addresses the identified deficiencies of the SR 1060 Salina Bridge crossing of the Kiski River and Norfolk Southern Railroad while considering the bridge's historic significance as a structure eligible for listing on the National Register of Historic Places.

Results

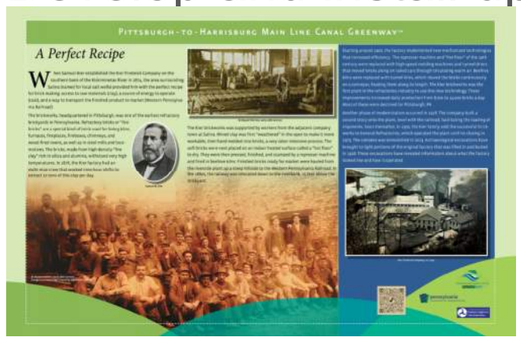
- Replace existing bridge with a wider bridge to the west of the existing that accommodates legal loads (especially Bell Twp VFD Fire Engine)
- Maintain traffic on existing bridge during new bridge construction
- Use minor side road detour, short term flagging, and single lane temporary signal traffic control for approach roadway work
- Improved intersection geometry at each end of the bridge which improves safety and accommodates larger vehicles
- Provided 11' lanes and 5' shoulders on approach roadway
- Improve drainage throughout the full depth reconstruction area
- Improve riding surface from SR 0981 to project limits on:
  - SR 1069 (Walnut St), T-345 (High St), SR 2047 (Edmon Rd), T-346 (Water St)

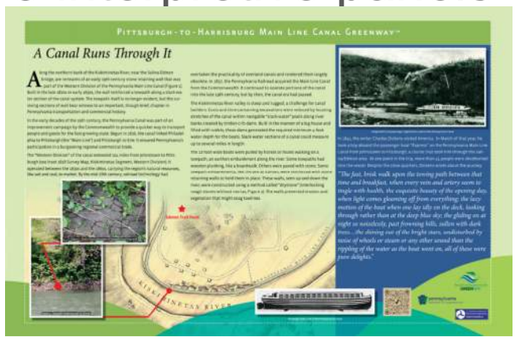
PROJECT OVERVIEW

Historic Resource Mitigation

- Existing Salina Bridge
  - Offered for reuse to other state, county, & municipal agencies
  - Offered in Auction
  - Existing bridge “pieces” donated to Bell Twp Historic Society
  - Contributed to Historic Metal Truss Capital Rehab Program Fund
- Pennsylvania Canal Towpath & Kier Brick Factory
  - Developed web-based story map

  (https://www.penndot.pa.gov/RegionalOffices/district-12/Pages/SalinaBridgeCulturalResources.aspx)
  - Develop and install up to 3 interpretive panels





PROJECT OVERVIEW

PROJECT OVERVIEW

Looking towards Armstrong Co
(Proposed Bridge Location)

Looking towards Westmoreland Co
(Proposed Bridge Location)

PROJECT OVERVIEW

Looking East on SR 1060 (Main St) Westmoreland Co
(Mill and Overlay from SR 0981 to Kier St)

Looking East on SR 1060 (Main St) Westmoreland Co
(Full Depth Reconstruction, Short Term Operations,
Improve Drainage)

PROJECT OVERVIEW

Looking East on SR 1060 (Main St) Westmoreland Co
(Full Depth Reconstruction Using Temp Signal/Partial Width, Barrier Wall on Left, Improve Drainage, Relocate Utilities)

Looking North on SR 1060 (Bridge St) towards Armstrong Co
(Existing T Intersection, Narrow, Posted Bridge)

PROJECT OVERVIEW

Looking South on SR 1060 (Bridge St) towards Westmoreland Co
(Existing T Intersection, Narrow, Posted Bridge)

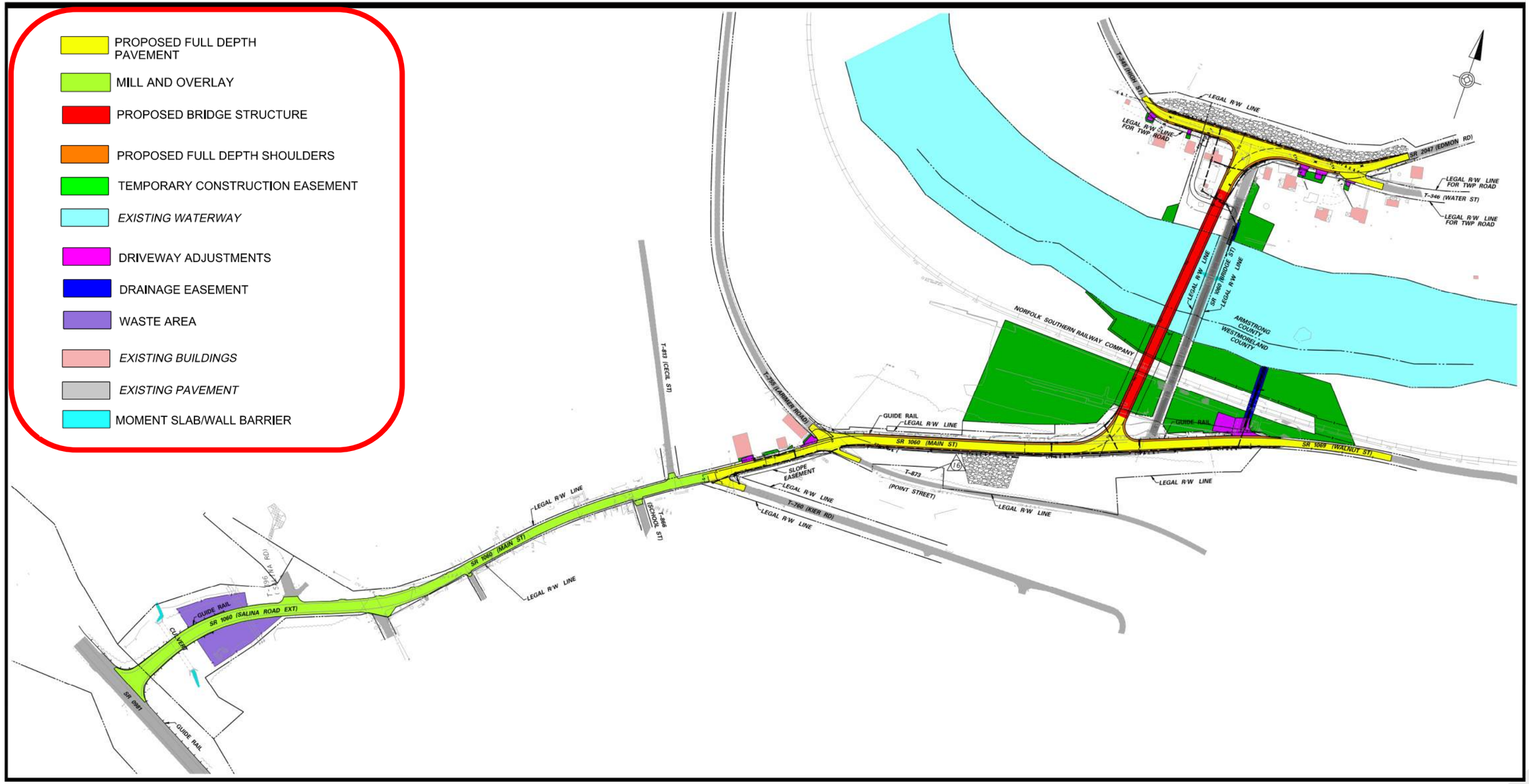
Looking East on T-345 (High St)
(Existing T Intersection, Narrow, Posted Bridge to Right)

PROJECT OVERVIEW

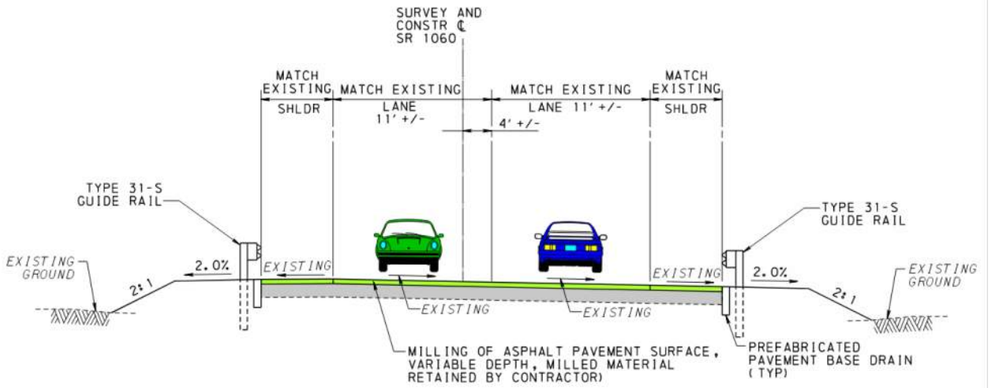
Looking East on T-345 (High St) Armstrong Co
(Cut Left Hill, Widen Road, Improve Drainage)

Looking East on SR 2047 (Edmon Rd) Armstrong Co
(Cut Left Hill, Widen Road, Improve Drainage)

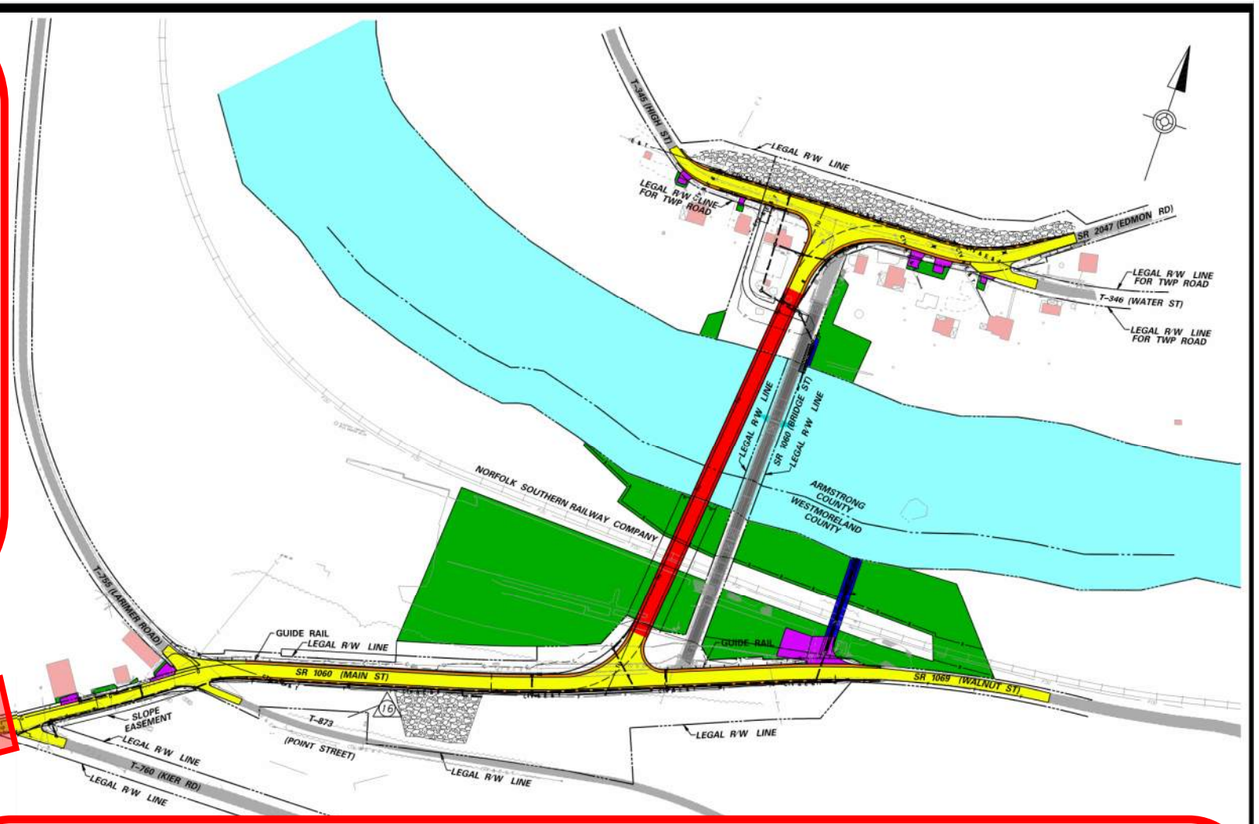
DESIGN PLANS



DESIGN PLANS



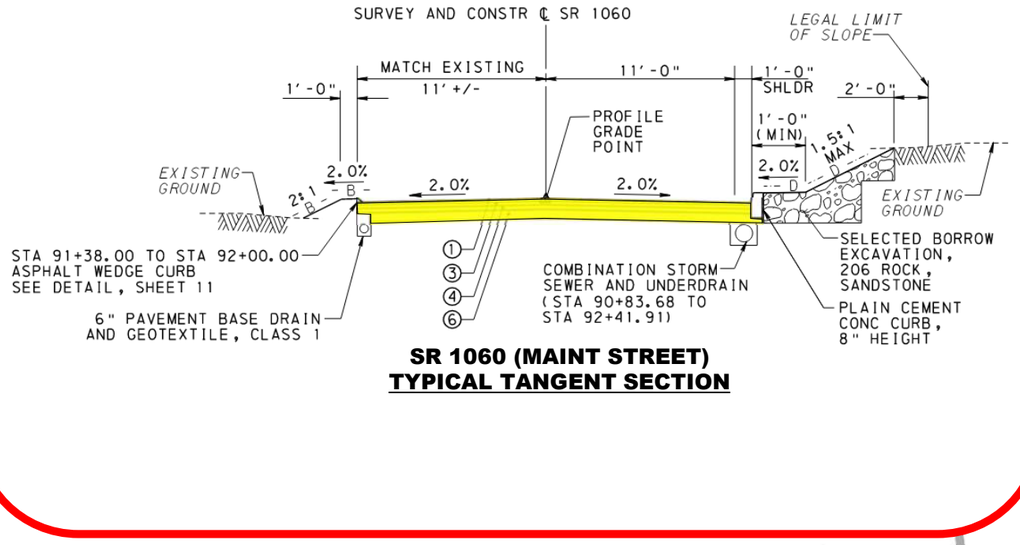
SR 1060 (MAIN STREET)
TYPICAL MILL AND OVERLAY SECTION



<u>TRAFFIC CONTROL DURING CONSTRUCTION:</u>

- Short term flagging to maintain traffic in one lane during waste area work, paving, and guide rail replacement
- Construction Anticipated: Spring - Fall 2024 & Summer 2026
- Contractor may propose a revised construction sequence

DESIGN PLANS

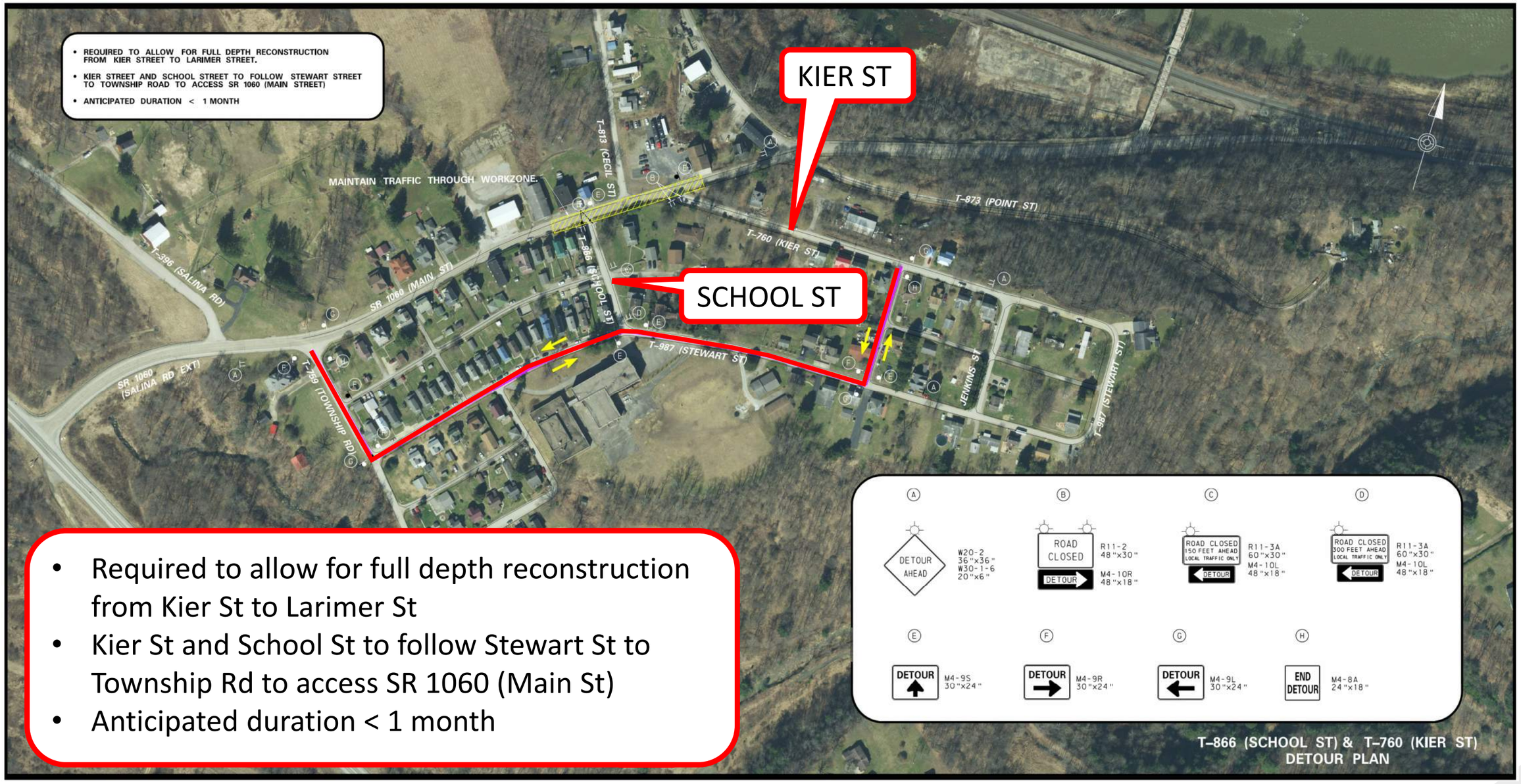


SR 1060 (MAINT STREET)
TYPICAL TANGENT SECTION

TRAFFIC CONTROL DURING CONSTRUCTION:

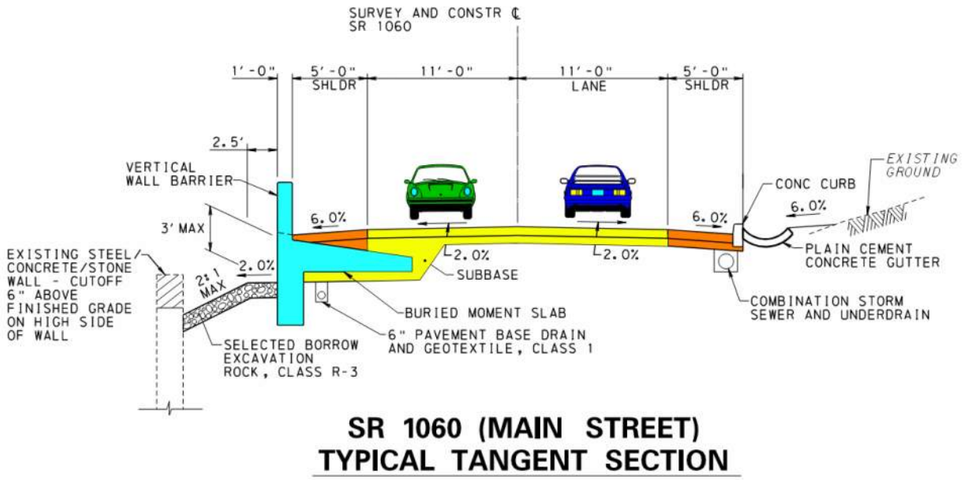
- Short term flagging to maintain traffic in one lane during temp widening, drainage, and full depth reconstruction
- Detour Kier St & School St only as necessary
- Construction Anticipated: Summer 2024 & Summer 2026
- Contractor may propose a revised construction sequence

DESIGN PLANS – DETOUR



- Required to allow for full depth reconstruction from Kier St to Larimer St
- Kier St and School St to follow Stewart St to Township Rd to access SR 1060 (Main St)
- Anticipated duration < 1 month

DESIGN PLANS

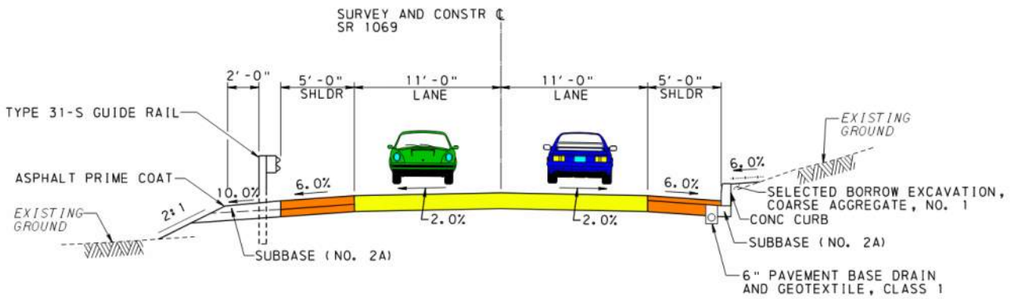


SR 1060 (MAIN STREET)
TYPICAL TANGENT SECTION

TRAFFIC CONTROL DURING CONSTRUCTION:

- Short term flagging to maintain traffic in one lane during hill side cut, drainage, temp widening, proposed bridge tie-in
- Temp signal - one lane alternating traffic - full depth reconstruction
- Construction Anticipated: Spring - Fall 2024 & 2025, Summer 2026
- Contractor may propose a revised construction sequence

DESIGN PLANS

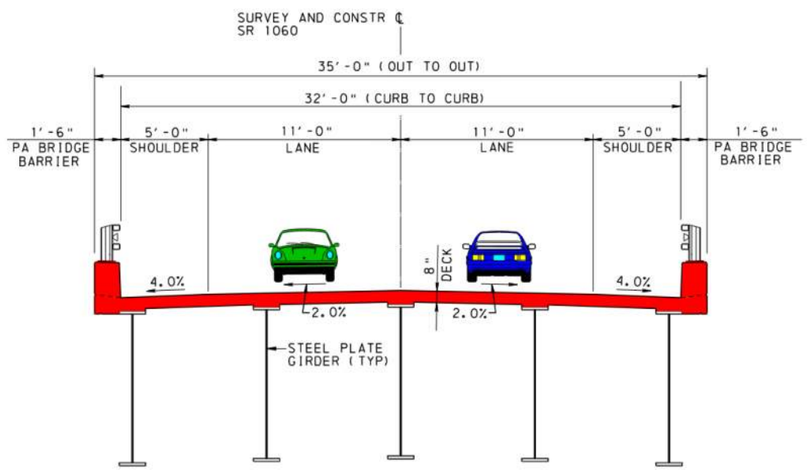


SR 1069 (WALNUT STREET)
TYPICAL SECTION

TRAFFIC CONTROL DURING CONSTRUCTION:

- Short term flagging to maintain traffic in one lane during drainage work, full depth reconstruction, & proposed bridge tie-in
- Construction Anticipated: Spring - Fall 2024 & 2025, Summer 2026
- Contractor may propose a revised construction sequence

DESIGN PLANS

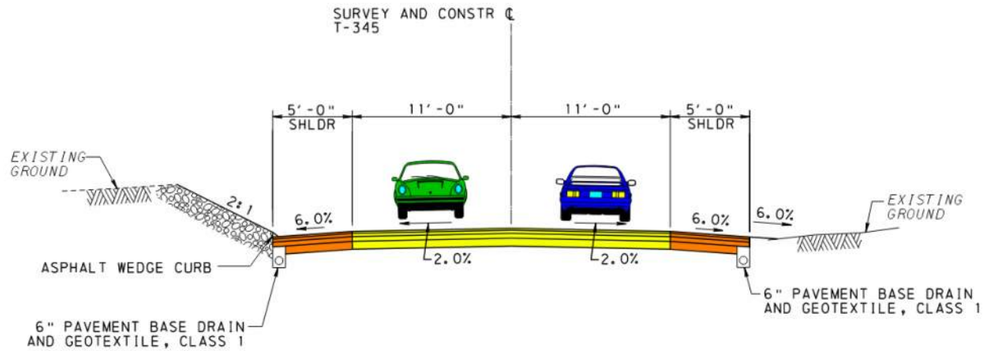


SR 1060 (BRIDGE STREET)
TYPICAL BRIDGE SECTION OVER KISKIMINETAS RIVER

TRAFFIC CONTROL DURING CONSTRUCTION:

- Maintain traffic on existing bridge during proposed bridge construction
- Construction Anticipated: Spring - Fall 2024 & 2025, Summer 2026
- Contractor may propose a revised construction sequence

DESIGN PLANS

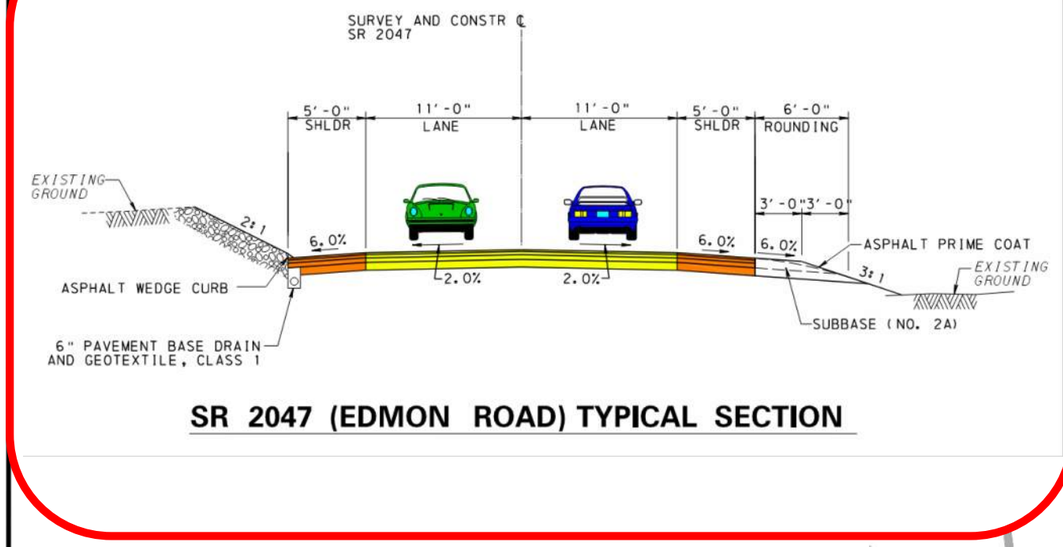


T–345 (HIGH STREET) TYPICAL SECTION

TRAFFIC CONTROL DURING CONSTRUCTION:

- Short term flagging to maintain traffic in at least one lane during hill side cut, temp widening, drainage, full depth reconstruction
- Construction Anticipated: Spring - Fall 2024, Summer 2025 & 2026
- Contractor may propose a revised construction sequence

DESIGN PLANS



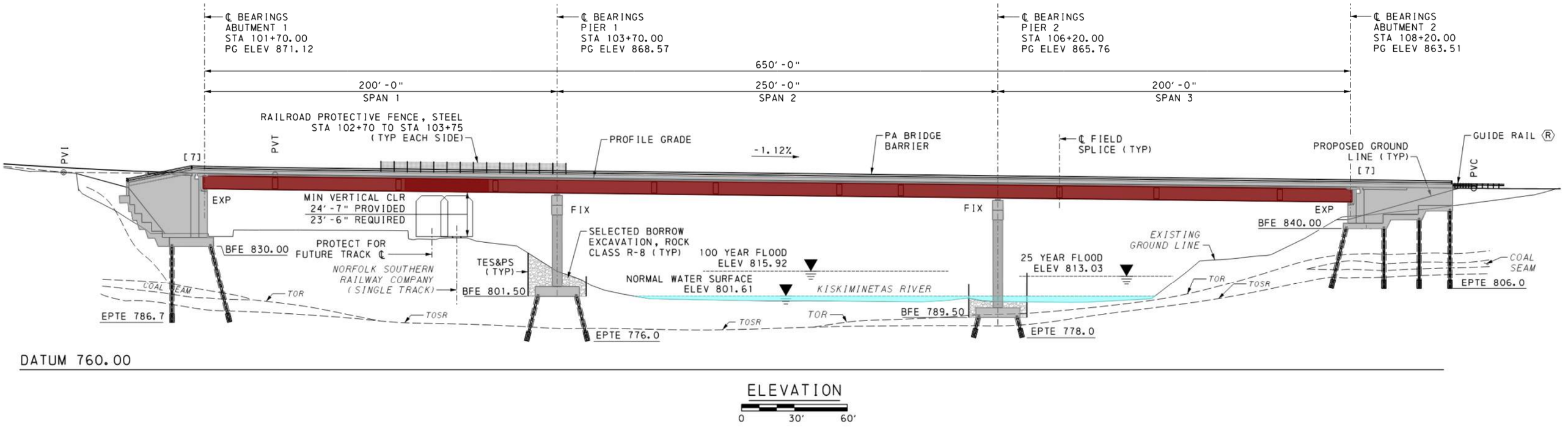
SR 2047 (EDMON ROAD) TYPICAL SECTION

TRAFFIC CONTROL DURING CONSTRUCTION:

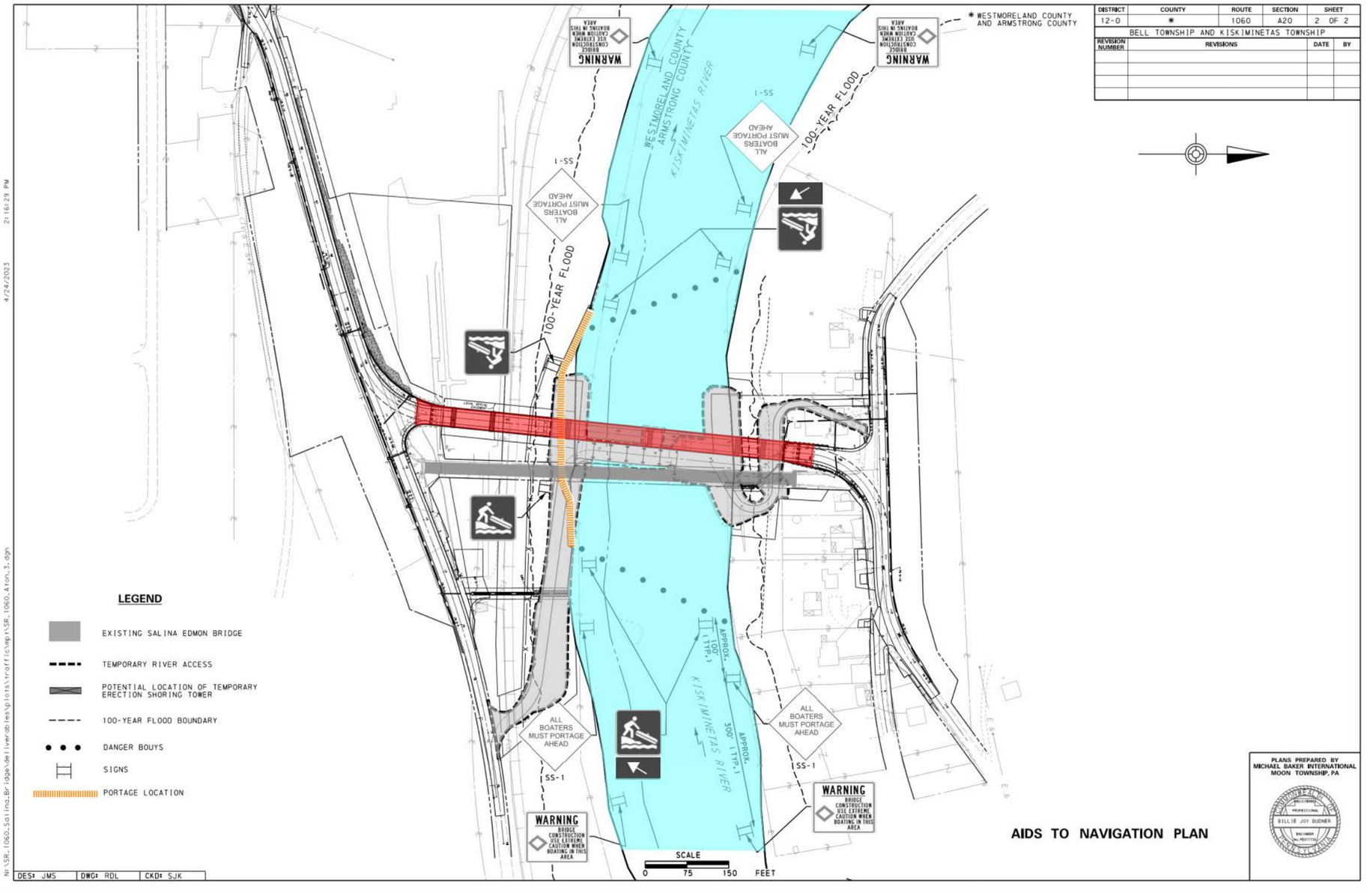
- Short term flagging to maintain traffic in at least one lane during hill side cut, temp widening, drainage, full depth reconstruction, proposed bridge tie-in
- Construction Anticipated: Spring - Fall 2024, Summer 2025 & 2026
- Contractor may propose a revised construction sequence

DESIGN PLANS

- Proposed Bridge Elevation View



DESIGN PLANS



- Accommodating canoes/kayaks during construction using portage path

PROJECT MILESTONES

- Milestone Dates:
  - Final Design / ROW Acquisition
    - Anticipated Completion Fall/Winter 2023
  - Advertise/Bid Project
    - Anticipated Winter 2023
  - Construction
    - Early utility relocations Summer/Fall 2023 (Kier to Larimer)
    - Anticipated Start Spring 2024
    - Anticipated Finish Fall 2026
    - Shut down during Winter

PROJECT MILESTONES

ANTICIPATED PROJECT SCHEDULE

	2024				2025				2026			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
PHASE 1 CONSTRUCTION: Drainage Outfalls, River Access, Mine Void Grouting, Hill Side Rock Slopes, Utility Relocations, Begin Proposed Bridge, Concrete Supports, Begin Roadway Reconstruction												
PHASE 2 CONSTRUCTION: Continue Bridge, Continue Roadway Reconstruction, SR 1060 Left Lane, SR 1069, High Street, SR 2047												
PHASE 3 CONSTRUCTION: Finish Bridge, Finish Roadway Reconstruction on SR 1060 Right Lane and SR 2047												
PHASE 4 CONSTRUCTION: Remove Existing Bridge and River Access, Apply Final Wearing Course on all Roadways												

THANK YOU FOR YOUR ATTENDANCE AND ATTENTION!

QUESTIONS/COMMENTS?

Contact Information
Project Manager, Troy Pritts
724.415.2401 | tpritts@pa.gov

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