



PENNDOT MAJOR BRIDGE P3- I-81 SUSQUEHANNA



Bridging Pennsylvania Developers I &
Bridging Pennsylvania Constructors
Public Meeting

June 15, 2023

How to MAXIMIZE today:

- **WEBINAR:** This is in Webinar format, only presenters will have speaking capabilities.
- **QUESTION:** Please direct your questions to the Q&A option. We will look to incorporate these throughout the presentation and during the Q&A portion at the end.
- **RECORDING:** We will be recording today's session. English and Spanish recordings, along with a copy of this presentation will be published following today's session.

Agenda

- Welcome & Introductions
- Program & Project Updates
- Pre-Construction and Current Activities
- Upcoming Construction Schedule Activities
- Getting Involved- DBE & Workforce Programs
- Closing Remarks & How to Stay Informed



Welcome & Introduction

Meet the I-81 Susquehanna Team





PennDOT- Program & Project Update

PENNDOT MAJOR BRIDGE P3



KEY DATES

- November 2020- The Major Bridge P3 (MBP3) was approved by the Pennsylvania P3 Board, for the replacement or rehabilitation of nine major interstate bridges throughout a progressive P3 delivery model.
- At that time, PennDOT planned to make annual payments to pay for the work and financing costs on these bridges using mandatory tolling, as was permitted by the Pennsylvania P3 law.
- Since that time, Act 84 of 2022 amended the P3 law to eliminate mandatory tolling of existing free lanes. The act also preserved the department's ability to continue the MBP3 and move forward with the Predevelopment Agreement (PDA) with Bridging Pennsylvania Partners (BPP).
- August 2022- PennDOT chose to move the bridge projects in the MBP3 forward without tolling and pay for the project(s) using existing funds to make annual payments to the development entity over 35 years.
- December 2022- Financial Close is achieved on Package I, including six (6) bridges
- July 2023- Anticipated Construction Start for I-81 Susquehanna Bridge



**Pre-Construction and Current Activities:
Borton-Lawson**

Current Design Activities

Roadway & Structures:

- Includes nine (9) miles of Reconstruction on I-81
 - Nine (9) Structures, including **NB & SB Bridges over Harmony Road (Route 1010) & Susquehanna River**
 - Full depth reconstruction, Increase outside shoulders to 12' wide
 - Full replacement of the drainage network, guiderail / barrier, and signing
 - Minor improvements / Standard upgrades to the Ramps at the Welcome Center and to the Route 171 Interchange
 - Work on side roads including Susquehanna St, Route 171 Hallstead/ Great Bend Interchange, Harmony Rd (Route 1010), Randolph Rd (Route 1029), & Emerson Rd.

Permits: The Permits are under final review by the following agencies:

- DEP (Department of Environmental Protection)
- ACOE (Army Corp. of Engineers)
- Susquehanna County Conservation District

Right-of-Way:

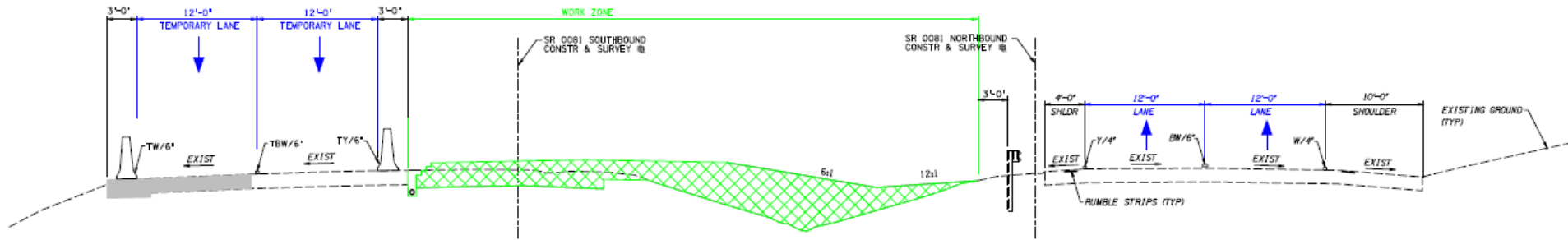
- All Right-of-Way has been acquired for the project.



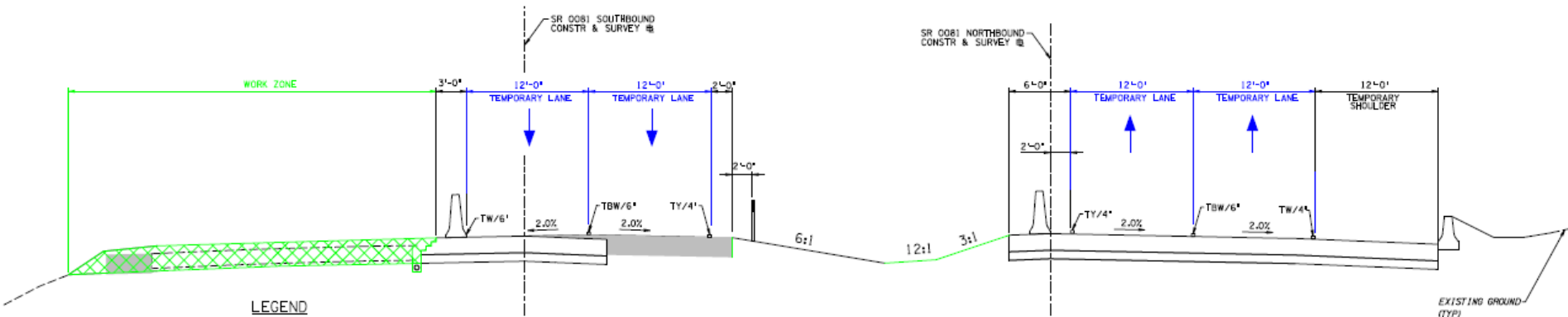
**BORTON
LAWSON**

a verdantas
company

Traffic Control

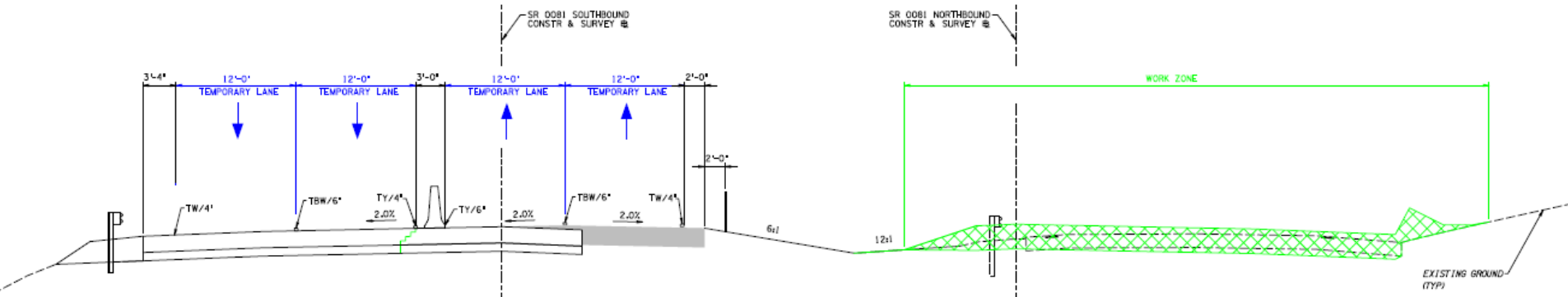


Traffic Control: Stage 2 SB Reconstruction

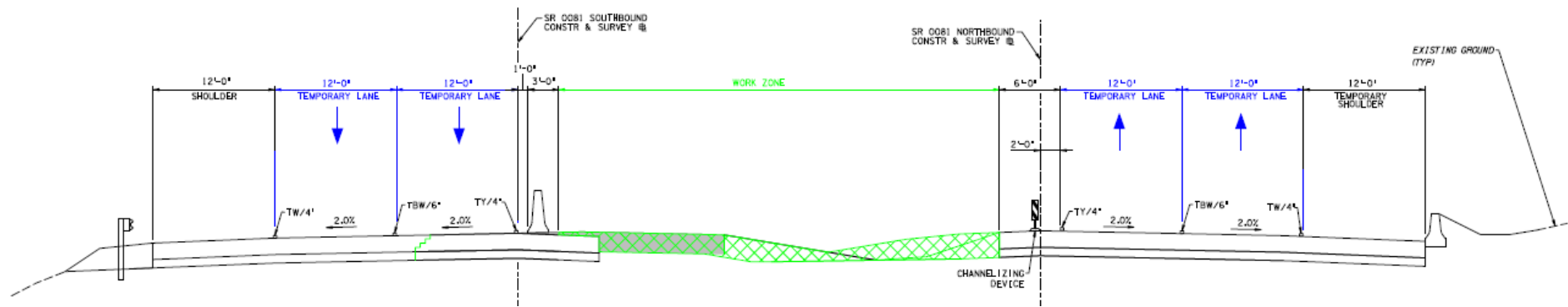


Traffic Control: Stage 3 SB Reconstruction

Traffic Control

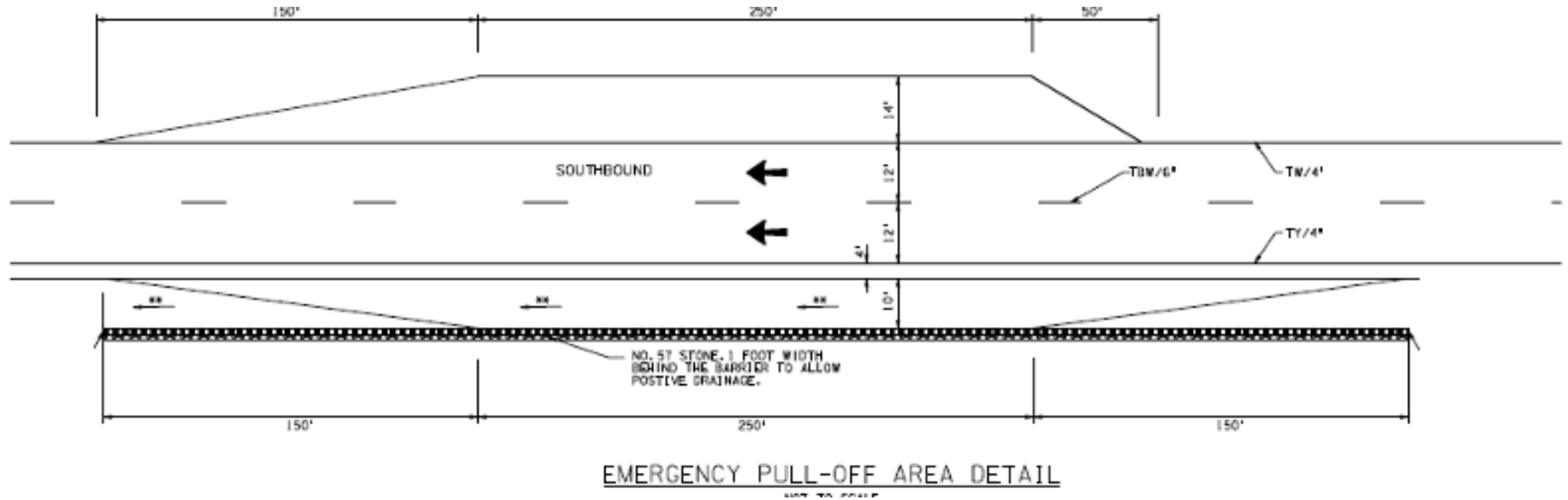


Traffic Control: Stage 4 NB Reconstruction



Traffic Control: Stage 5 Median Reconstruction

Traffic Control Emergency Pull-offs



Emergency Pull off Detail: Approximately every mile

Traffic Control: Emergency Cross Overs on I-81 for Traffic Relief

Four Locations During Stages 2 & 3:

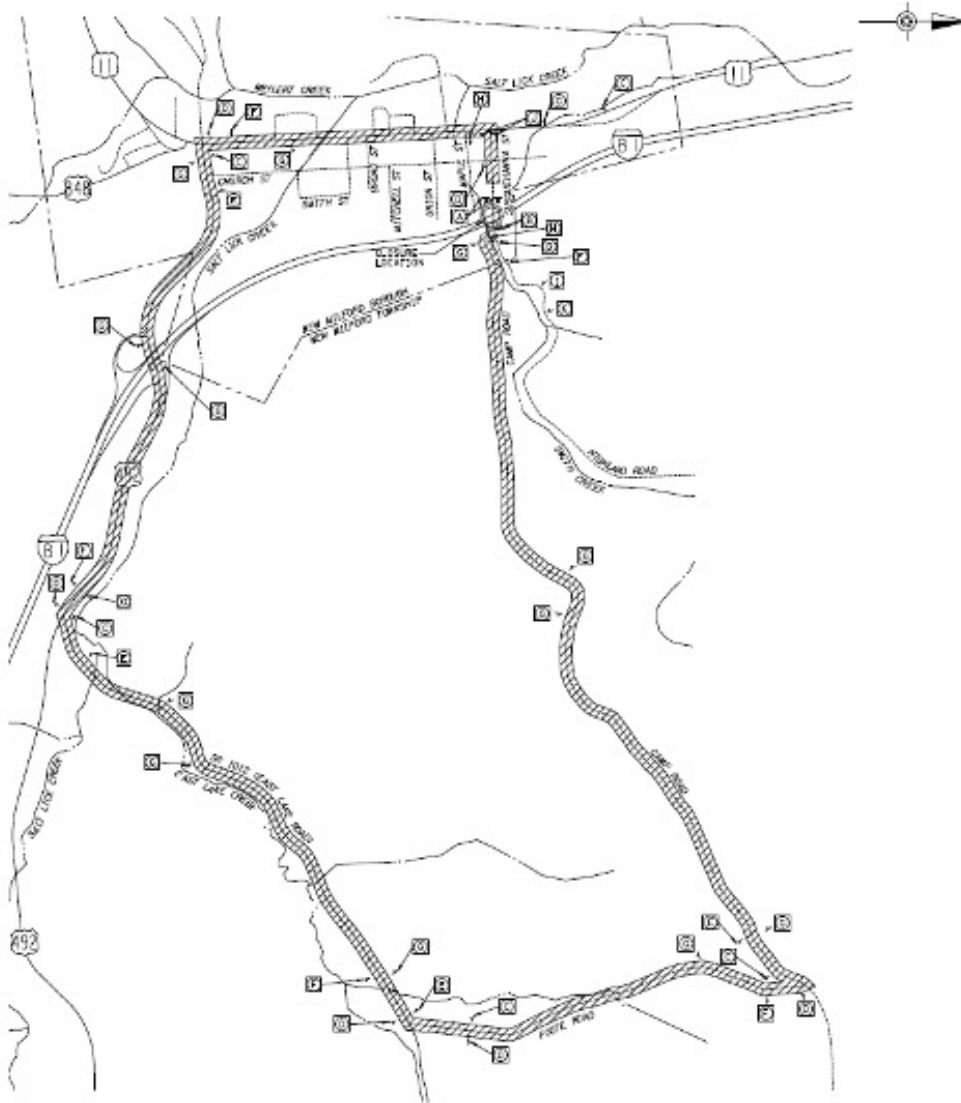
- Station 1985+00 NB/SB- MM 223.9
- Station 2213+00 NB/SB- MM 228.2
- Station 2308+00 NB/SB- MM 230.0
- Station 2381+00 NB/SB- MM 231.4

Five Locations During Stage 4:

- Station 2001+00 to Station 2006+00- MM 224.3
- Station 2110+00 to Station 2115+00- MM 226.3
- Station 2115+00 to Station 2220+00- MM 228.3
- Station 2404+00 to Station 2409+00- MM 231.9
- Station 2454+00 NB/SB- MM 232.7

These locations will have temporary barrier that can be removed by the contractor during emergency incidents that shut down the interstate for an extended period of time. A single lane pattern would then be implemented during this emergency.

Susquehanna Street: Detour

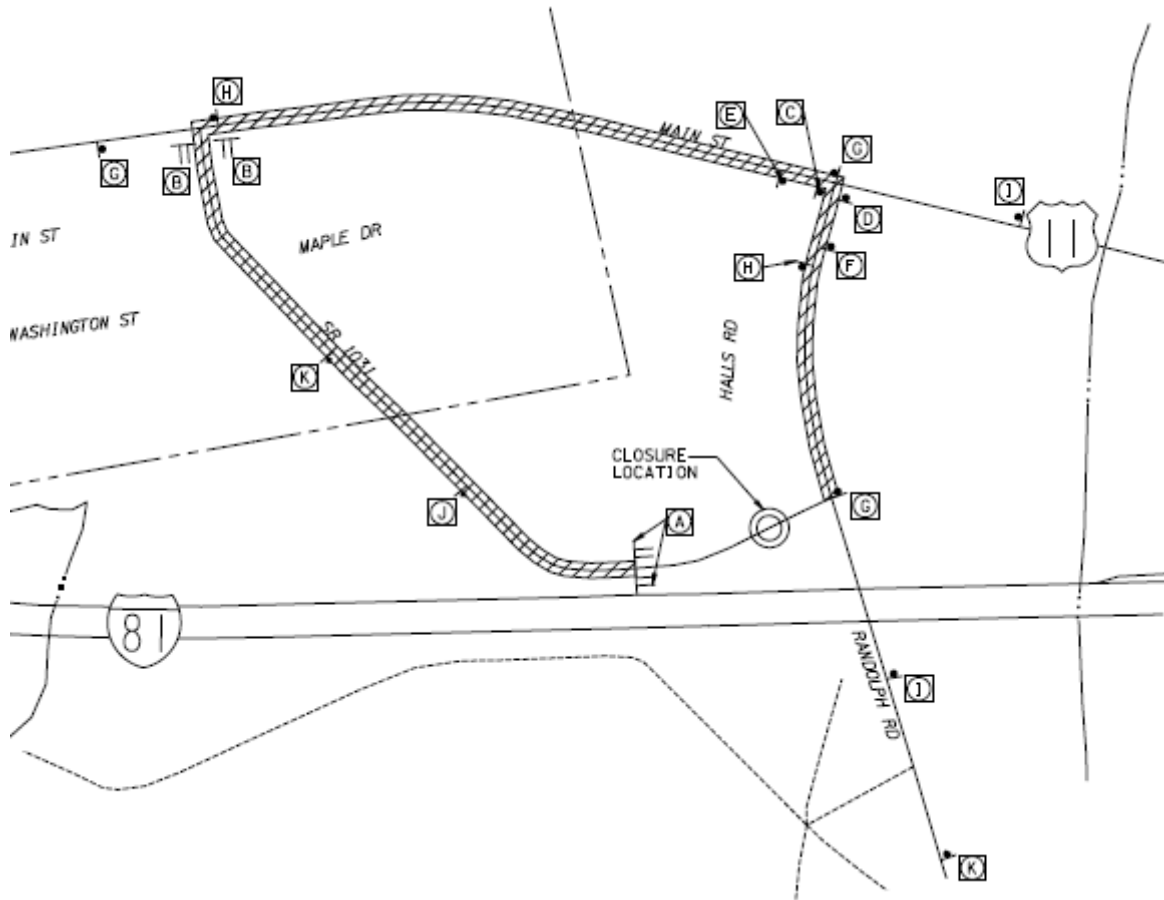


Detour During Stages 2-4:

- Route 0011 (Main Street)
- Route 0492 (Jackson Street)
- Route 1012 (East Lake Road)
- Foote Road
- Camp Road
- Susquehanna Street

Total Detour Length: 6.8 miles

Randolph Street: Detour



Detour During Stages 1-2:

- Route 1029 (Randolph Road)
- Route 11
- Route 1031 (Randolph Street)

Total Detour Length: 0.9 miles



Upcoming Construction Schedule & Activities
H&K/Fay

Introduction to H&K Group

H&K began as a small family business over a half century ago. Today, H&K is a dynamic group of vertically integrated companies providing complete heavy civil contracting and construction materials solutions with safety, speed, quality, efficiency, and value.

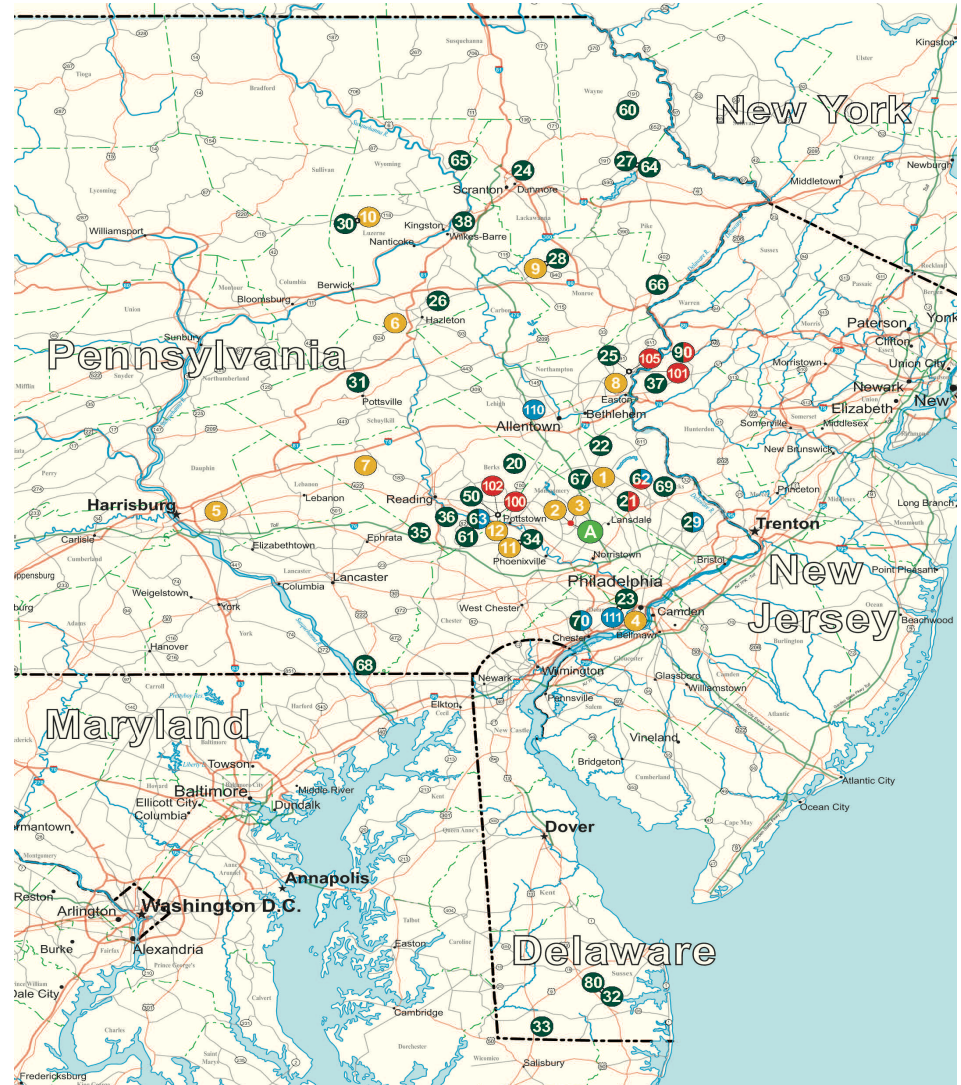
Here at H&K, we live and work by a value system that places accountability, safety, quality and integrity above all other business practices and principles.



Strength | Experience | Value

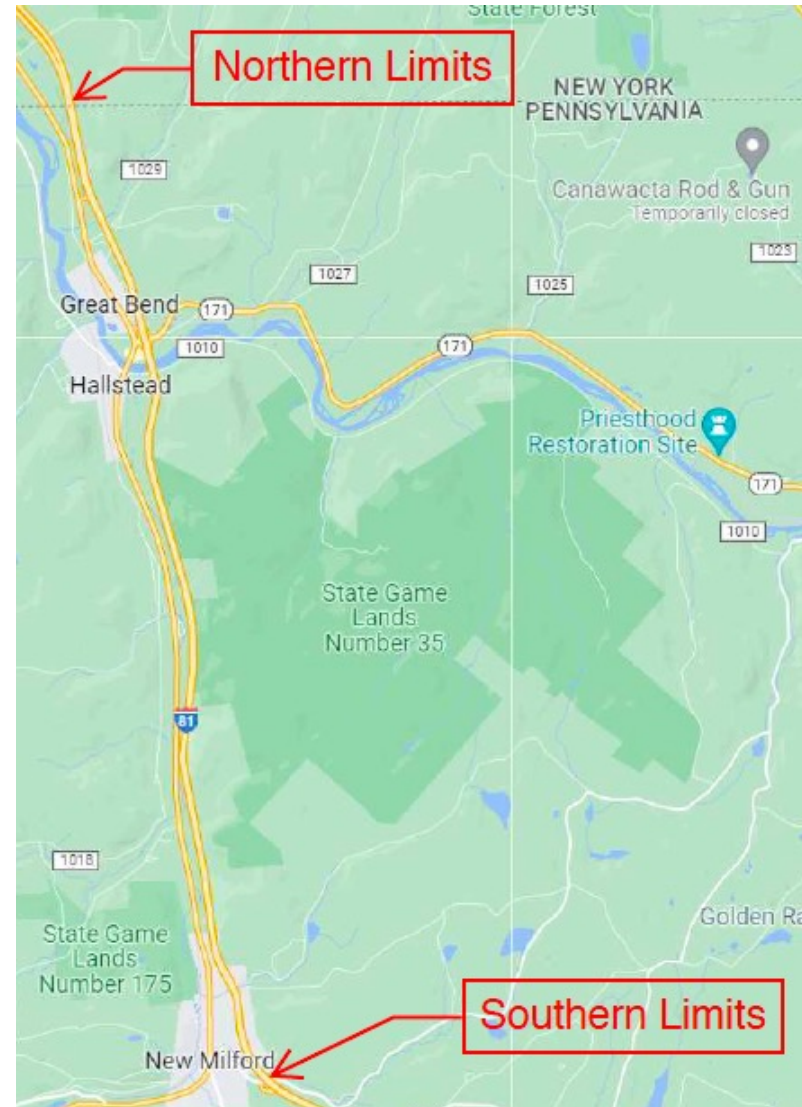
Introduction to H&K Group

- 11 Contracting Companies
- 22 Stone Quarries
- 19 Asphalt Plants
- 7 Concrete Plants
- 2 Precast Concrete Plants
- 3 CMU Block Plants
- Workforce of 2,000 People with more than 1,800 PA Residents



Scope of Work-H&K Group

- Total reconstruction of approx. nine (9) miles of both Northbound and Southbound I-81 from New Milford Exit to the New York State Border. This includes improvements to existing road base, upgrading storm sewer, and a total replacement of eight (8) structures.
- This is currently intended to be reconstructed in five (5) Stages, anticipated starting construction in Summer 2023 and lasting into Summer of 2028.
- Two (2) lanes of traffic will be maintained in both North and South lanes, at all time.
 - With the exception of limited lane closures which will occur during off-peak hours

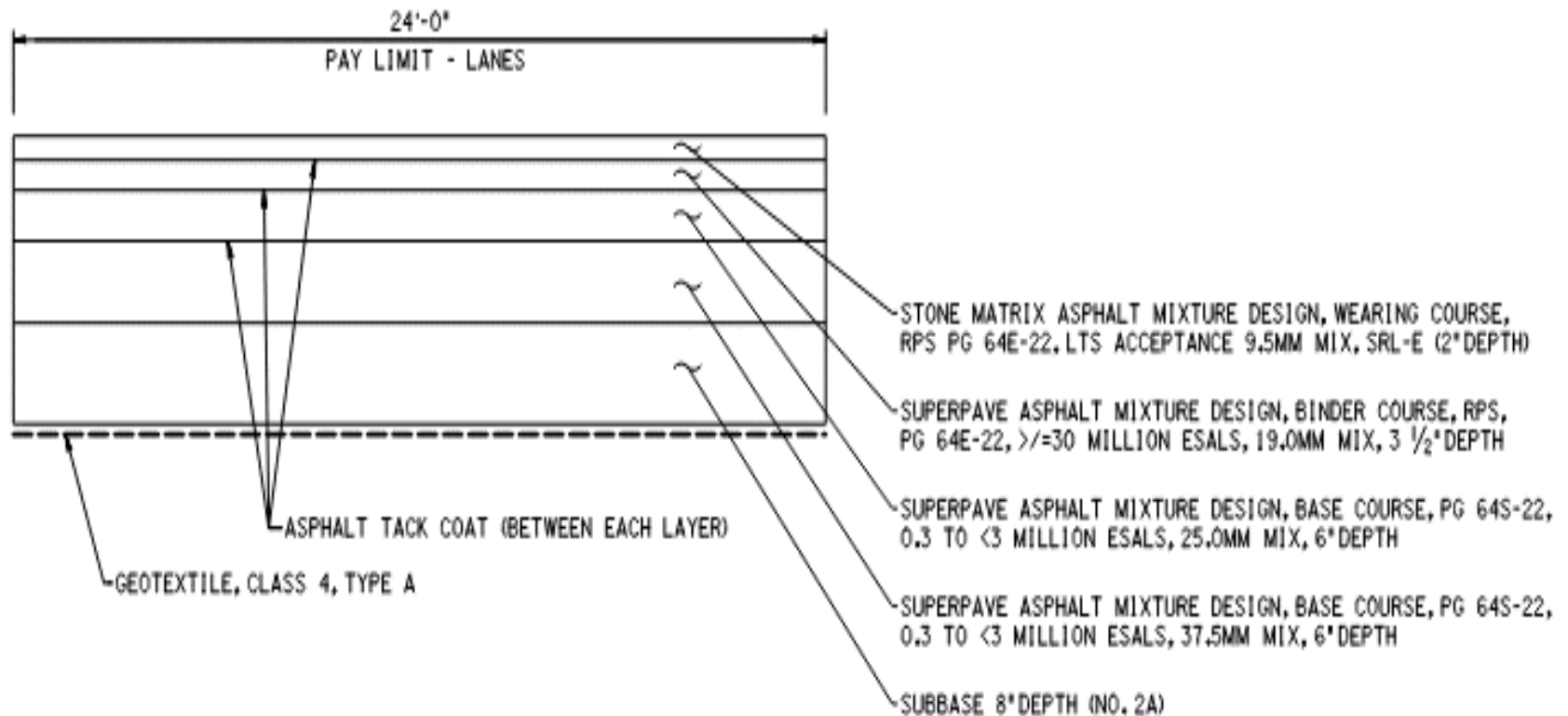


Scope of Work-H&K Group

Traffic stoppages will be required for small windows for demolition of existing Bridges and Setting Beams for new proposed bridges.

STRUCTURE	LOCATION	ANTICIPATED STAGES	ANTICIPATED TIMELINE
S-37568	RANDOLPH RD. SR 1029 OVER SR 81	RECONSTRUCTED IN STAGES 1 & 2	SUMMER 2023 TO 2025
S-37507	SR 81 OVER SR 171	RECONSTRUCTED IN STAGES 2, 3 & 4	FALL 2023 TO 2027
S-37596	SR 81 OVER TROWBRIDGE CREEK	RECONSTRUCTED IN STAGES 2, 3 & 4	FALL 2023 TO 2027
S-40118	SR 81 OVER UNNAMED TRIBUTARY TO SALT LICK CREEK	RECONSTRUCTED IN STAGES 2, 3 & 4	FALL 2023 TO 2027
S-37509	SR 81 OVER SUSQUEHANNA ST	RECONSTRUCTED IN STAGES 2, 3 & 4	FALL 2023 TO 2027
S-37522	SR 81 OVER NEW YORK, SUSQUEHANNA & WESTERN RAILWAY	RECONSTRUCTED IN STAGES 2, 3 & 4	FALL 2023 TO 2027
S-40116	SR 81 OVER UNNAMED TRIBUTARY TO SALT LICK CREEK	EXISTING BOX CULVERT REHABILITATION	CONTINUOUS
S-40117	SR 81 OVER SMITH CREEK	BOX CULVERT REHABILITATION	CONTINUOUS

Scope of Work-H&K Group



SR 0081 - NORTHBOUND / SOUTHBOUND
LANE PAVEMENT SECTION

NOT TO SCALE

H&K Scope of Work-By the Numbers

- 30 Acres of Clearing and Grubbing
- 1,000,000 CY of Excavation
- 42,000 LF of Storm Sewer Piping (Various Sizes)
- 1,200 EA Storm Drainage Structures
- 450,000 TN of Various Aggregates Required
- 160,000 TN of Rip Rap
- 650,000 TN of Asphalt
- 255,000 LF of Pavement Base Drain
- 92,000 LF of Guiderail
- 95,000 LF of Temporary Barrier
- 35,000 LF of Permanent Concrete Barrier
- 51,000 LF of Right Of Way Fencing
- 145,000 LF Various Sized Silt Sock



Introduction to Fay



Creators of Safe and Innovative Infrastructure Solutions

Founded in 1947, as a Pittsburgh general contractor, Fay S&B USA Construction, is an accomplished general contractor and solution provider. Fay is a recognized industry leader in design-build, value engineering and accelerated construction delivery methods.

Fay has a decades-long relationship with unions when we have craft hiring needs. These unions includes trades such as carpenters, laborers, operators, pile drivers, teamsters and cement masons.



**Work
Safely**



**Provide
Solutions**



**Value
People**



**Act with
Integrity**

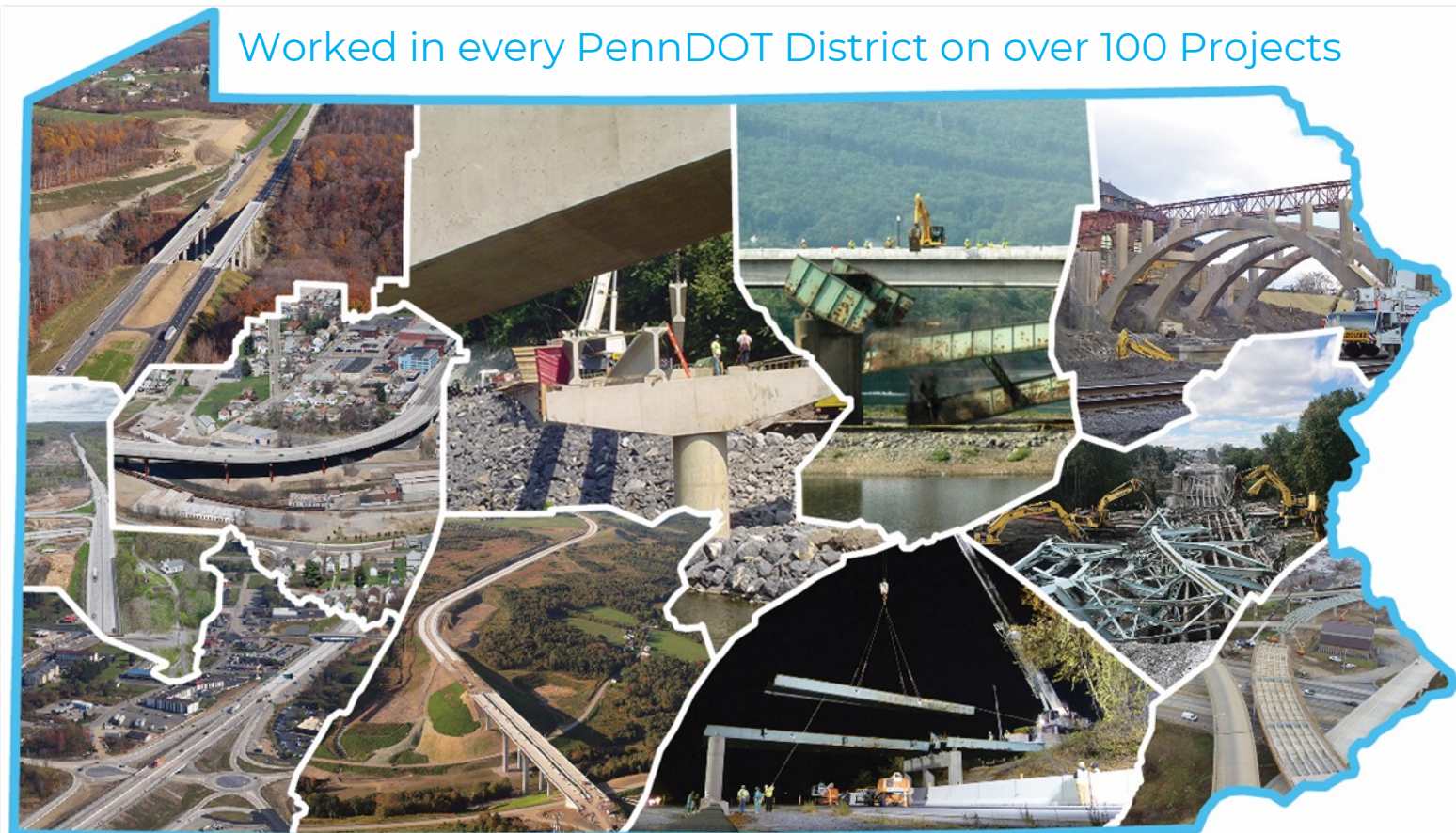


**Deliver
Return**

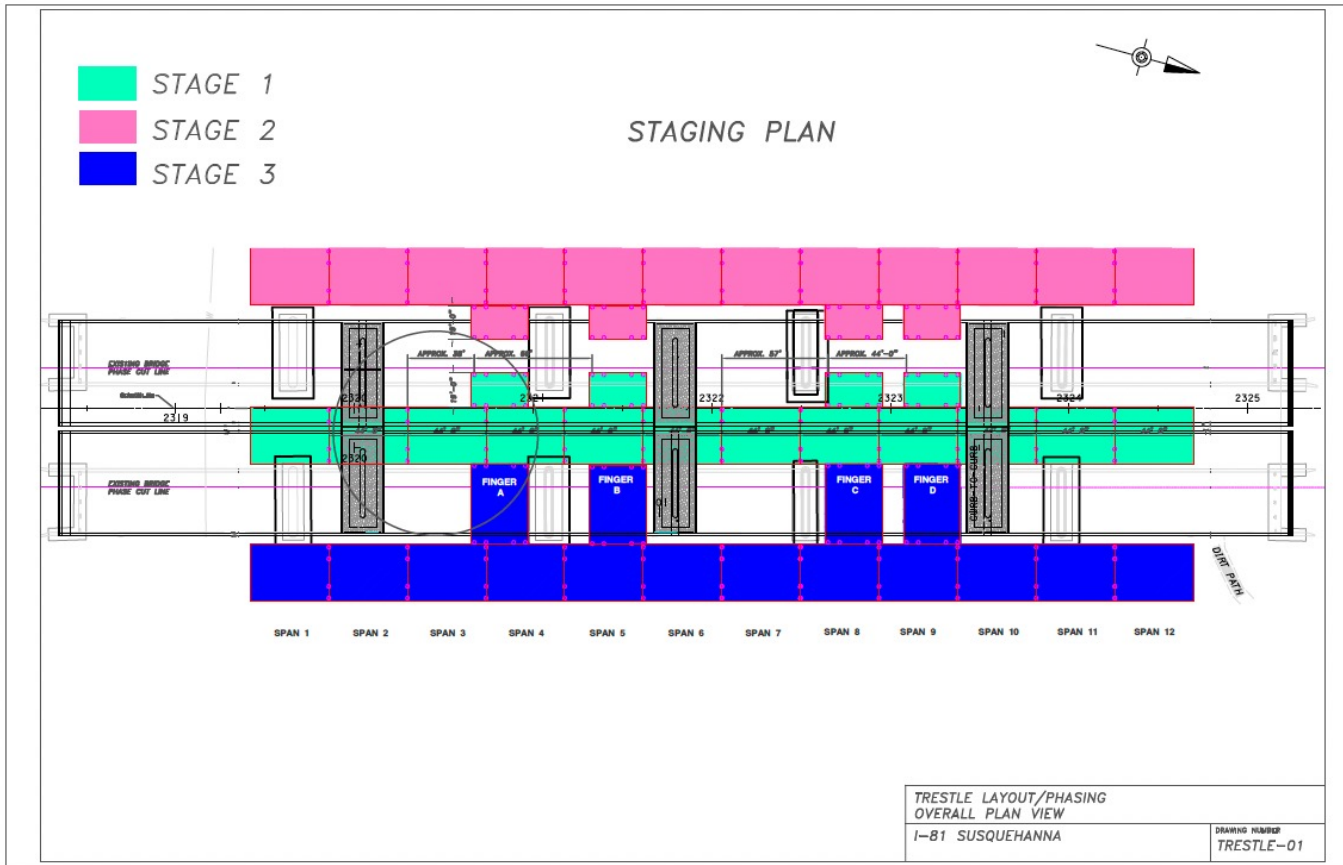
Introduction to Fay

Headquartered in Pittsburgh, S&B USA Construction, is an established general contractor and solutions provider operating in Pennsylvania for over 75 years.

Worked in every PennDOT District on over 100 Projects



Building the Bridge- Fay



Work
Safely



Provide
Solutions



Value
People



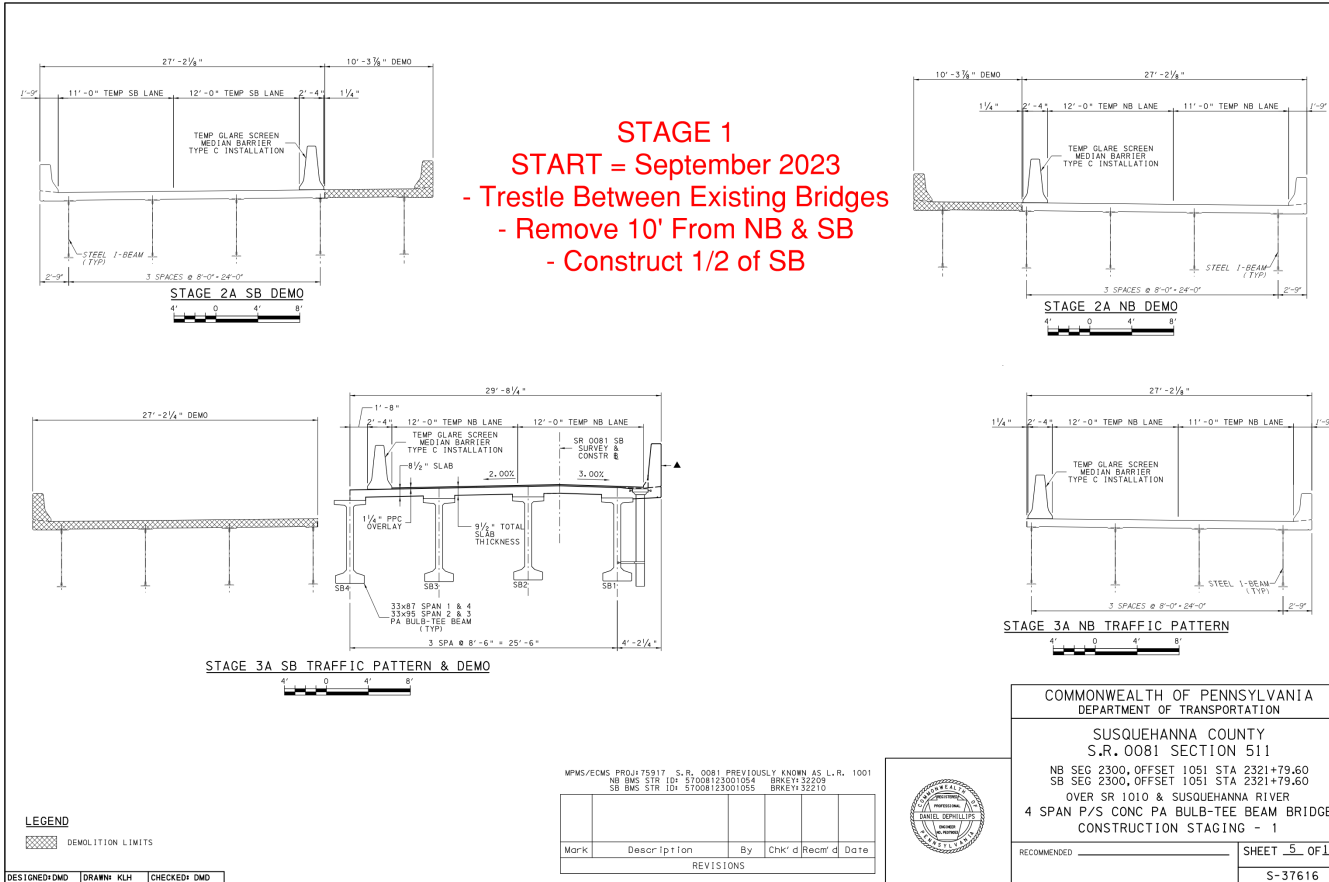
Act with
Integrity



Deliver
Return

Building the Bridge- Fay

STAGE 1
START = September 2023
 - Trestle Between Existing Bridges
 - Remove 10' From NB & SB
 - Construct 1/2 of SB



Work Safely



Provide Solutions



Value People

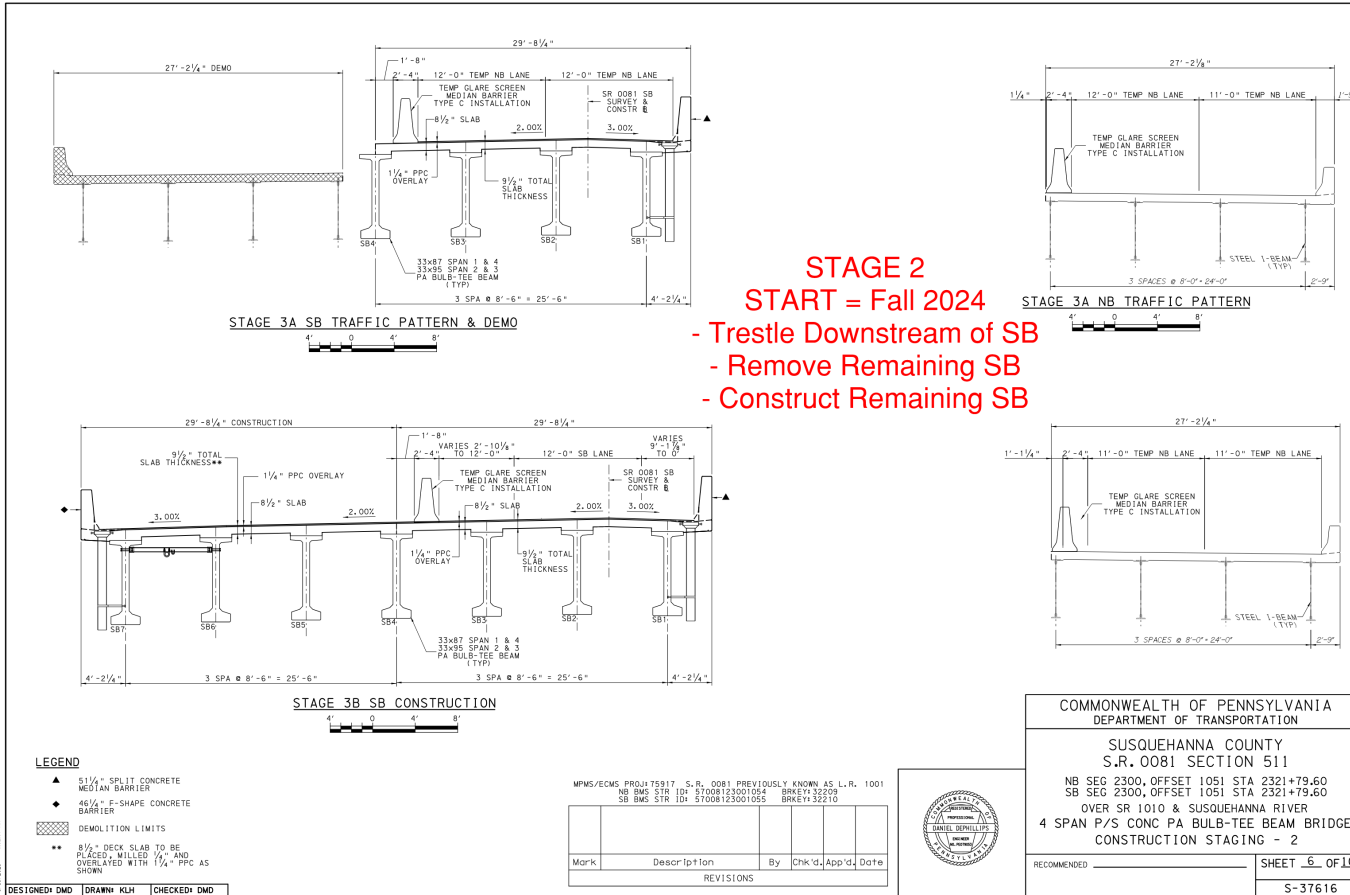


Act with Integrity



Deliver Return

Building the Bridge- Fay



Work Safely



Provide Solutions



Value People

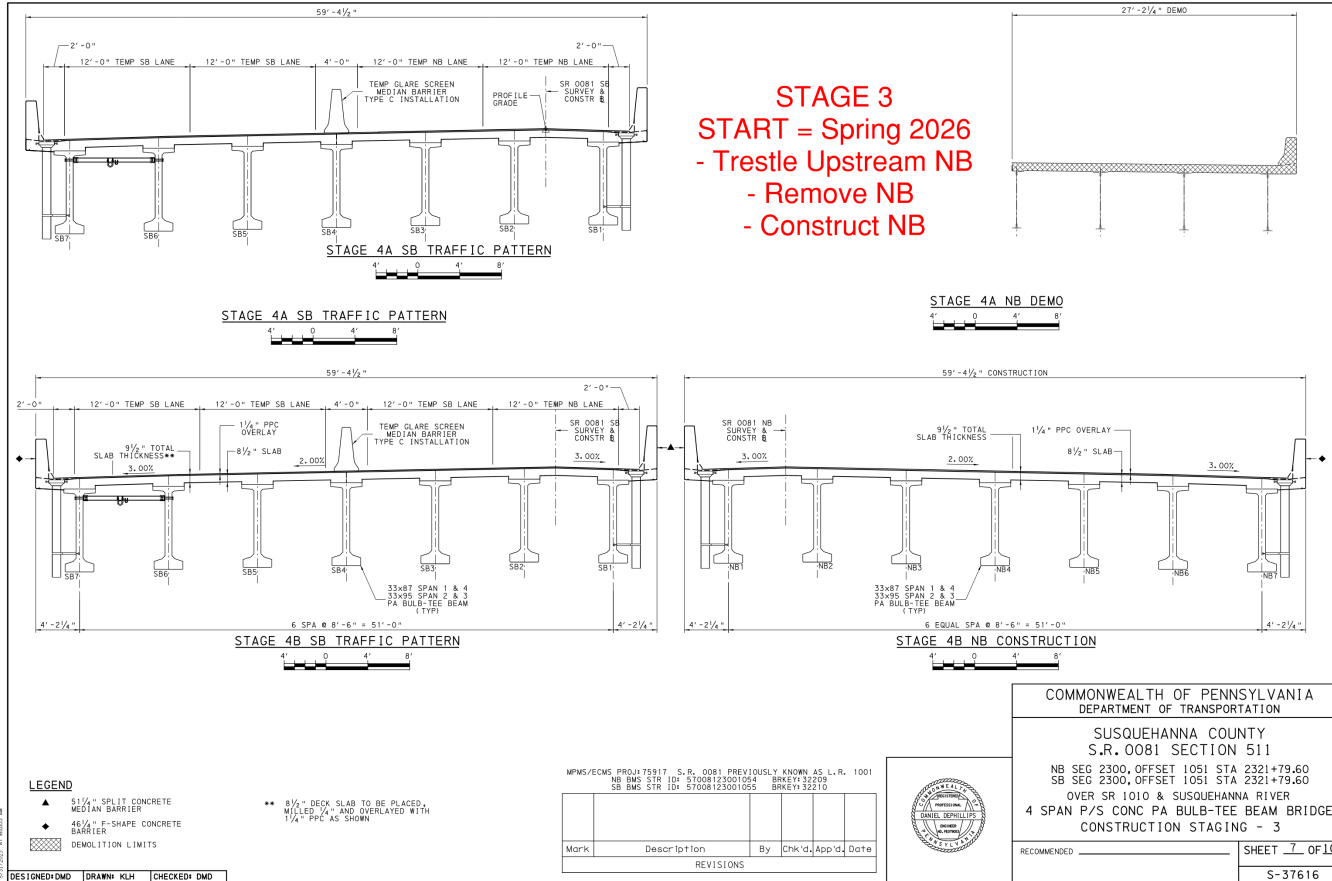


Act with Integrity



Deliver Return

Building the Bridge- Fay



Work Safely



Provide Solutions



Value People



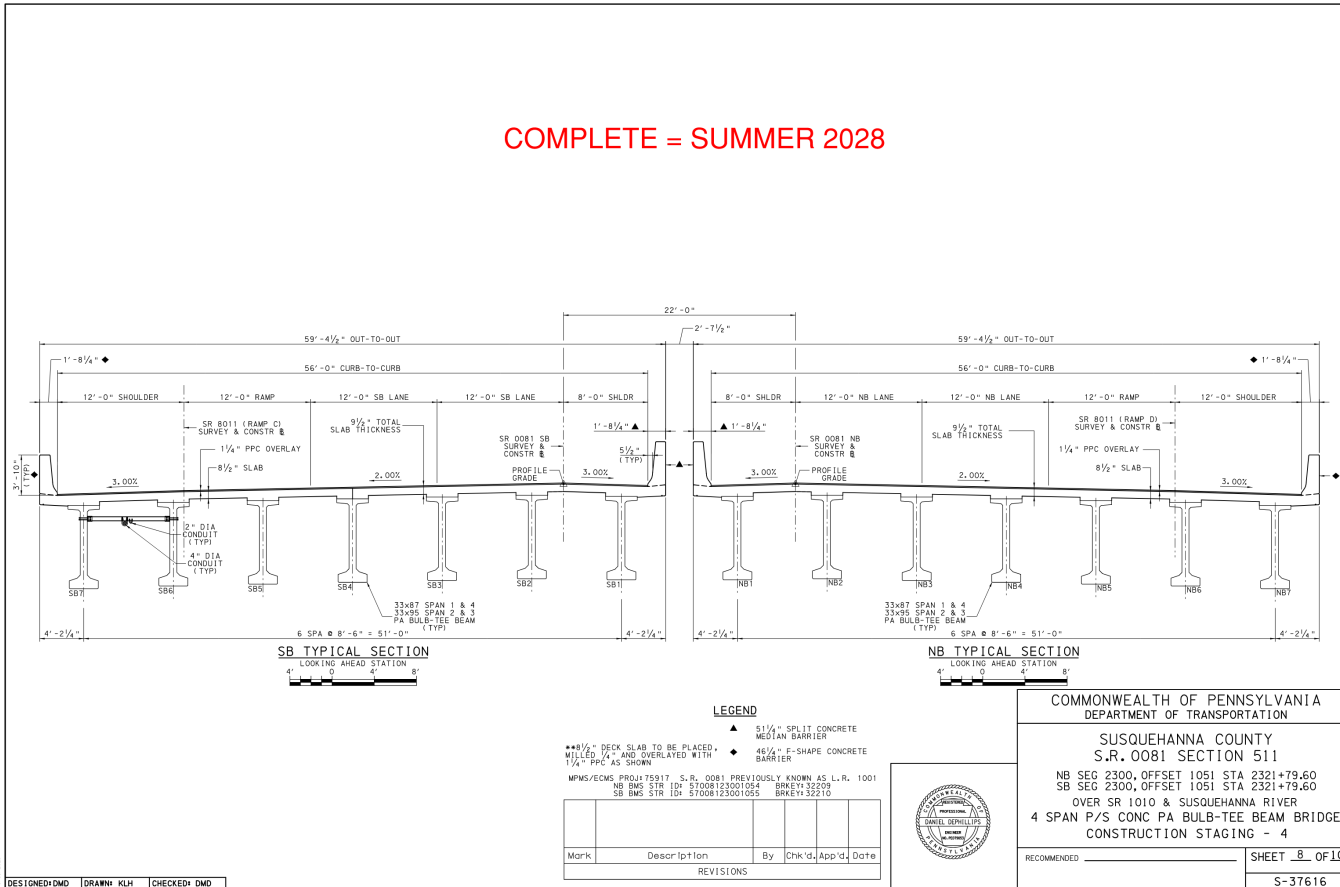
Act with Integrity



Deliver Return

Building the Bridge- Fay

COMPLETE = SUMMER 2028



Work Safely



Provide Solutions



Value People



Act with Integrity



Deliver Return

I-81 Susquehanna Subcontracting & Supplier Opportunities



Anticipated list of potential Subcontracting & Supplier Opportunities:

- Concrete Accessories and Forms
- Concrete Pumping
- E&S Protection
- Electrical
- Fabricated Structural Steel
- Frames and Grates
- Geotextile
- Landscaping
- Line-Striping
- Maintenance/Protection of Traffic
- Material Testing
- Pavement Marking
- Piling-Supply
- Pipe Testing
- PPC Overlay
- Protective Coatings/Sealers
- ROW Fences
- Reinforced Concrete Pipe
- Rebar Furnish & Install
- Saw Cutting
- Signals
- Signs
- Surveying
- Trucking
- Tooth Dams

* All potential Subcontractors need to be current PA Business Partners

** All materials to be Bulletin 15 Approved



Get Involved: DBE & Workforce Opportunities

MTI

Our DBE & Workforce Development Team

BPD-I & BPC's local team will be coordinated by Modern Times Inc.



Alex Cann

BPD-I/BPC Diversity & Inclusion Manager

- Modern Times, Inc (MTI)
 - Liaison with PennDOT
 - Compliance & Oversight of DBE/ SBE, On-the-Job Training (OJT), Diversity & Inclusion programs
 - Outreach coordinator, small business and workforce diversity advocate



Jasmine Brevard



Closing Remarks & How to Stay Informed

Next Steps & Contacts Info

BPD-I Public Information Office
PIC Hotline: (717) 500-6088
PublicInformationOffice@BridgePenn.com

BPD-I Public Information Manager
Carla Julian
Carla@moderntimesinc.com

BPD-I Equal Employment Opportunity
Manager
Alex Cann
Alexandra@moderntimesinc.com

**Please submit all questions through the Q&A
function. Thank you!**

District 4 I-81 Susquehanna PennDOT
Community Relations Coordinator
i81Susquehanna@pa.gov

For Project updates visit:
www.penndot.pa.gov/i81Susquehanna

For Contracting Opportunities visit:
Bridgingpennsylvaniapartners.com





THANK YOU FOR ATTENDING!



June 15, 2023