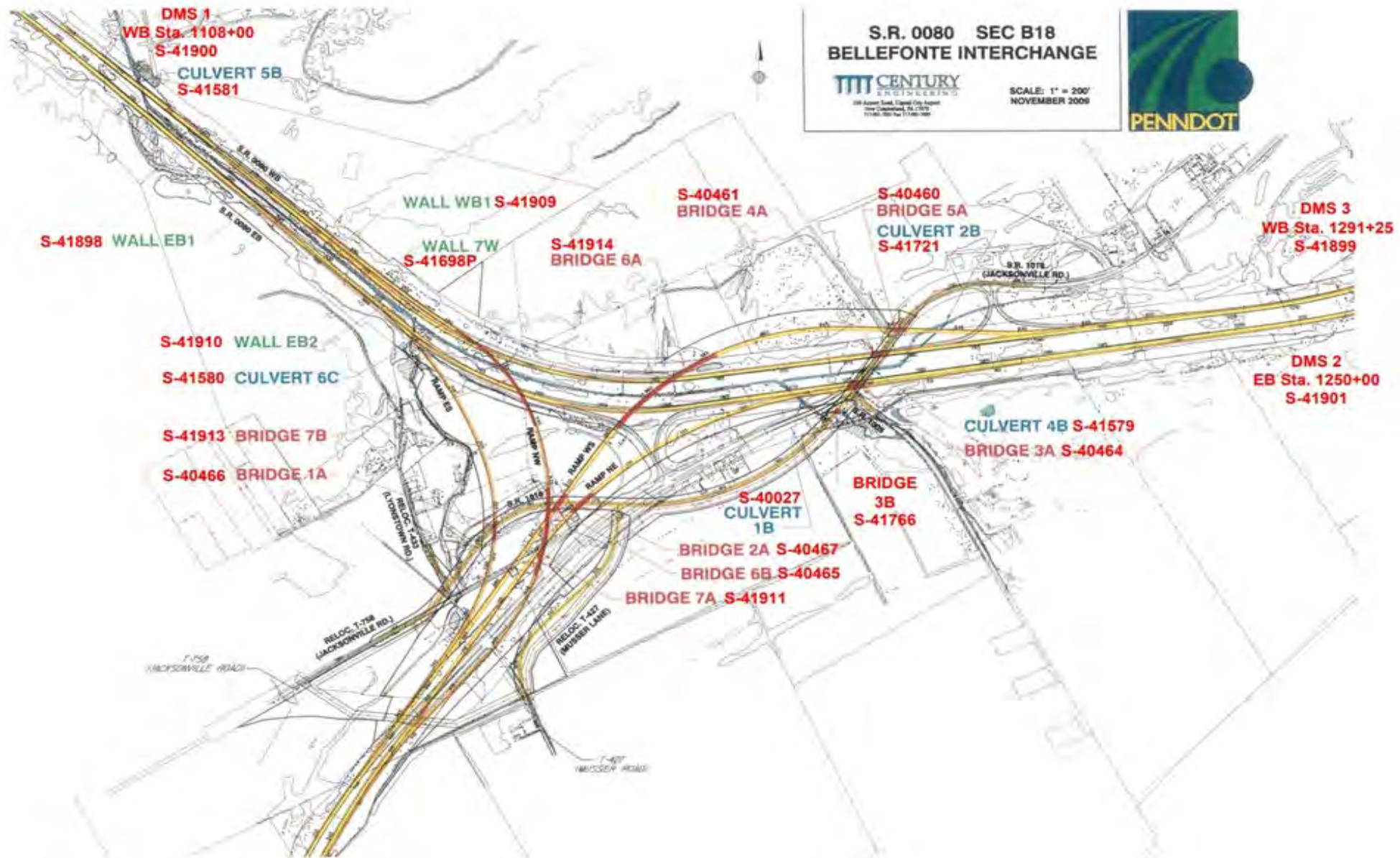


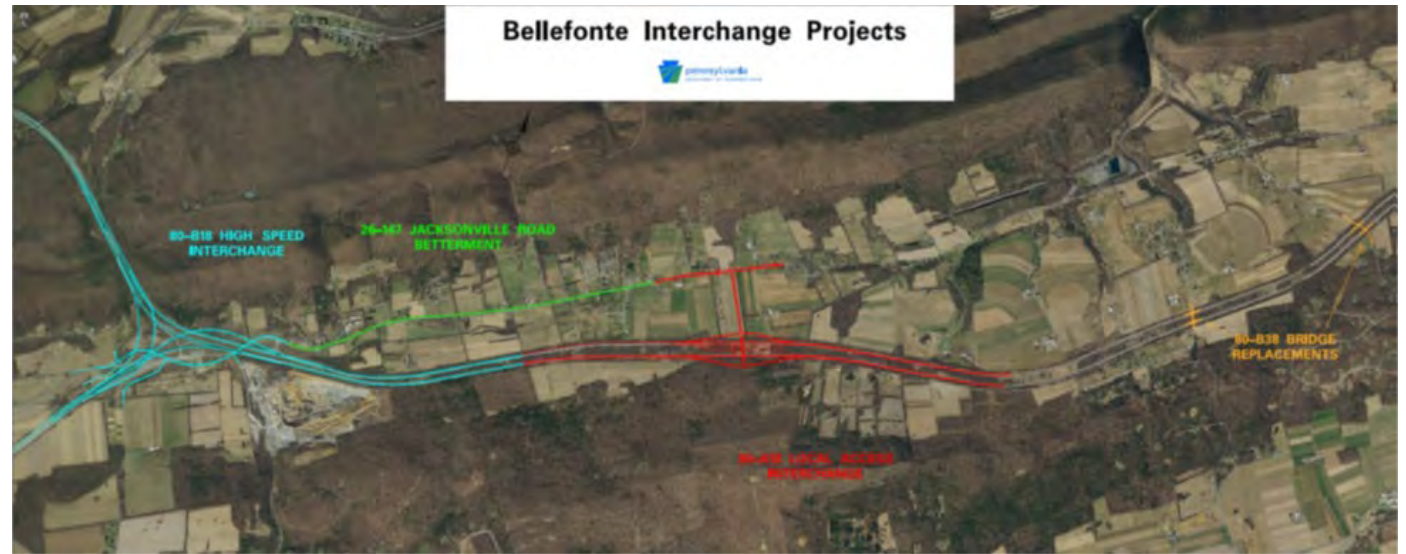
ECMS 3142 80/B18 BELLEFONTE HIGH SPEED INTERCHANGE



PROJECT OVERVIEW

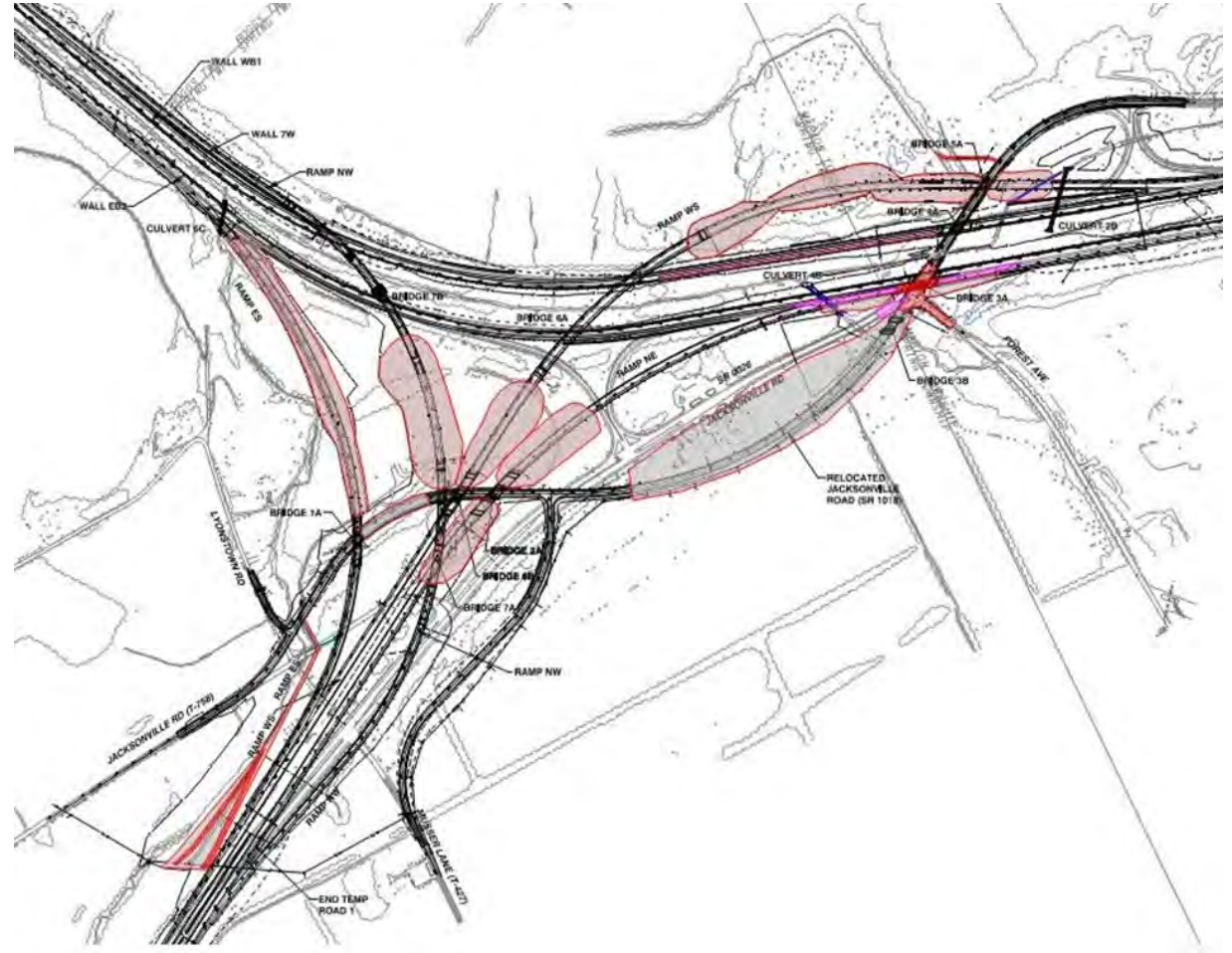
This is one of 3 projects to complete the interchange.

- The local access interchange (MM163) was completed in 2022.
- The Jacksonville Road(SR 26) Betterment will finish construction this summer.
- The 80/B38 Bridge Replacements started in Fall of 2023 and also plans to finish this summer.



80/B18 TRAFFIC CONTROL

- 2 stages with 9 total phases
- 5 crossovers
- 5 temporary roads
- Temporary highway lighting on crossovers and temp roads



Stage 1 Phase
1A



80/B18 STRUCTURE DETAILS

- **Structures**

- **29 total structures on the project including:**

- 5 single span bridges
 - 2 three span bridges
 - 1 six span bridge
 - 1 four span bridge
 - 1 five span bridge
 - 5 culverts including 1 rehab
 - 4 walls
 - 3 DMS Structures
 - 7 monopipe sign structures



80/B18 STRUCTURE DETAILS

- **Structure WB1**

- Longest wall on the project at just over 2039'



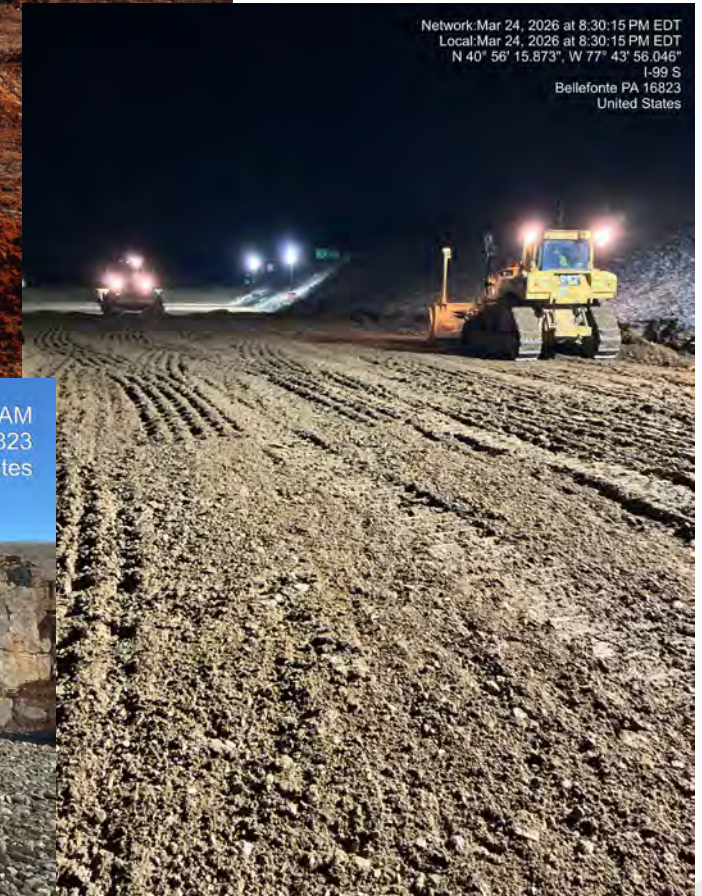
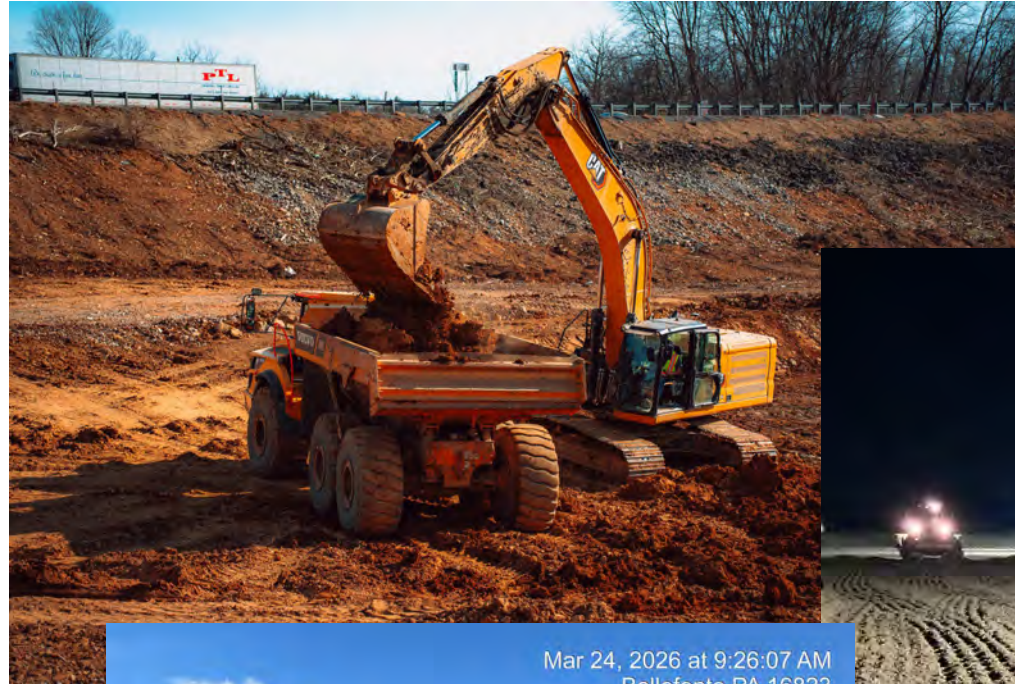
80/B18 ROADWAY DETAILS

- Roadway

- Large Embankments with Quarantines
- Karst Topography
- Possible Acid-Producing Rock

- Earthwork

- 1,343,438 CY of Excavation
- 1,000,000 CY of Embankment
- 602,041 CY of Foreign Borrow
- 110,651 CY of Select Borrow BAR
- 260,732 CY of R Rock
- 43,134 CY of Structure Backfill



80/B18 ROADWAY DETAILS

- **Pavement and Related Items**

- 270,972 SY Cement Treated Subgrade
- 299,976 tons of bituminous pavement

- **Drainage**

- 21,030 LF of permanent pipe
- 13,811 LF of temporary pipe
- 191 inlets and manholes

- **Guiderail**

- 62,302 LF
- 70 End Treatments



80/B18 E&S DETAILS

- **Erosion and Sediment Control**

- 260 acres of disturbance
- 4 sediment basins with GCL
- 2 sediment traps
- 71,212 LF of silt sock
- 56 pump or pipe arounds (sandbag diversions)
- 180,812 SY of Rolled Erosion Control Mat

- **Stream Improvement**

- 3,225 LF of Stream Improvements on High Quality Wild Trout Stream
 - Includes rock steps, rock vanes, boulder banks, mudsill, boulder cascade, coir wrapped soil lifts, and habitat logs (226 logs)
- 17,083 plantings



PROJECT PROGRESS

