

PLOTTED: 10/08/24



NEAR APPROACH

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
5-0	MONROE	2021	01B	1 OF 5

SMITHFIELD TOWNSHIP				
REV NO	REVISIONS	DATE	BY	APPD

BM2 ELEV 318.98'
 STA 10+40.79, 80.49 LT
 NORTHING: 314011.7610
 EASTING: 2689427.9860
 SPIKE IN UTILITY POLE NO. 72082-61715

BM1 ELEV 317.91'
 STA 12+71.86, 52.41 LT
 NORTHING: 314271.4050
 EASTING: 2689357.8750
 SPIKE IN UTILITY POLE NO. 72122-61740

PROJECT SCHEDULE

- PRELIMINARY AND FINAL ENGINEERING (PRESENT TO SPRING 2028)
- AWARD CONTRACT (SUMMER 2028)
- CONSTRUCTION (FALL 2028 TO FALL 2029)

HYDRAULIC DATA

DRAINAGE AREA = 26.30 SQ MI
 DESIGN FLOOD
 FREQUENCY = 10 YEAR
 MAGNITUDE = 2442 CFS
 VELOCITY = 4.94 FPS (4.63 FPS)
 PERT WS ELEV = 318.03 (318.29)
 DEP DESIGN STORM
 FREQUENCY = 25 YEAR
 MAGNITUDE = 3334
 VELOCITY = 4.72 FPS (4.31 FPS)
 PERT WS ELEV = 318.82 (319.09)
 100 YEAR FLOOD RISK ASSESSMENT
 MAGNITUDE = 4986 CFS
 VELOCITY = 4.41 FPS (4.40 FPS)
 PERT WS ELEV = 320.03 (320.06)
 FEMA 100 YEAR FLOOD
 MAGNITUDE = 4550 CFS
 VELOCITY = 4.44 FPS (4.38 FPS)
 PERT WS ELEV = 319.75 (319.82)
 FLOOD OF RECORD: UNKNOWN

PROPOSED STRUCTURE DATA

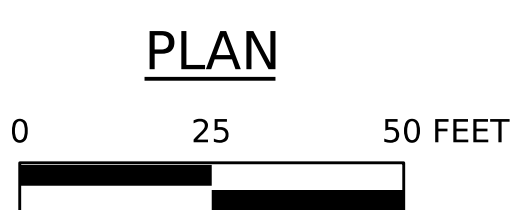
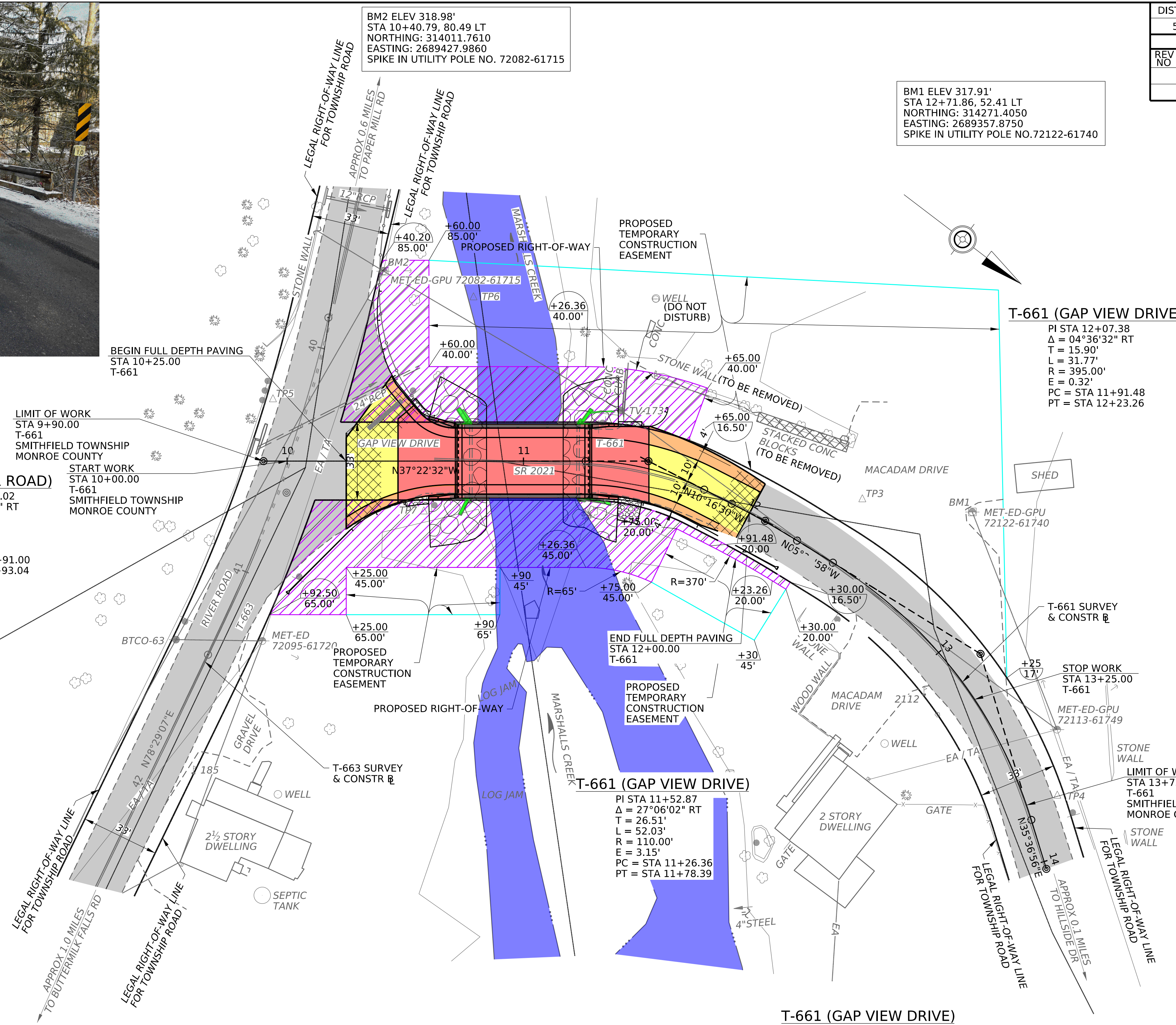
STA 11+00.00
 SINGLE SPAN P/S CONC SPREAD BOX BEAM BRIDGE
 NORMAL CLEAR SPAN = 52'-0"
 MIN UNDERCLEAR = 3.65'
 CURB-TO-CURB = 28'-0"
 SKEW = 90°00'00"

EXISTING STRUCTURE DATA

STA 11+00.42
 SINGLE SPAN ROLLED STEEL I-BEAM BRIDGE
 NORMAL CLEAR SPAN = 46'-5"±
 MIN UNDERCLEAR = 3.30±
 CURB-TO-CURB = 28'-3"±
 SKEW = 90°00'00"

LEGEND

- FULL DEPTH PAVING
- SELECTED BORROW EXCAVATION ROCK, CLASS R-4
- SELECTED BORROW EXCAVATION ROCK, CLASS R-8
- PROPOSED RIGHT-OF-WAY
- PROPOSED TEMPORARY CONSTRUCTION EASEMENT
- EXISTING WATERWAY
- EXISTING STRUCTURE
- EXISTING ROADWAY
- PROPOSED ROADWAY
- PROPOSED SHOULDER
- PROPOSED STRUCTURE



T-661 (GAP VIEW DRIVE)

PI STA 13+14.49
 $\Delta = 41^{\circ}16'54''$ RT
 T = 73.45'
 L = 140.50'
 R = 195.00'
 E = 13.38'
 PC = STA 12+41.04
 PT = STA 13+81.54

OPERATOR: EFinerty
FILE NAME: 01_45202101B_PMC_PLAN & PROF.dgn



PRELIMINARY DRAWING OR INFORMATION

This drawing and/or information shall be used for reference purposes only, as details and content are subject to change.