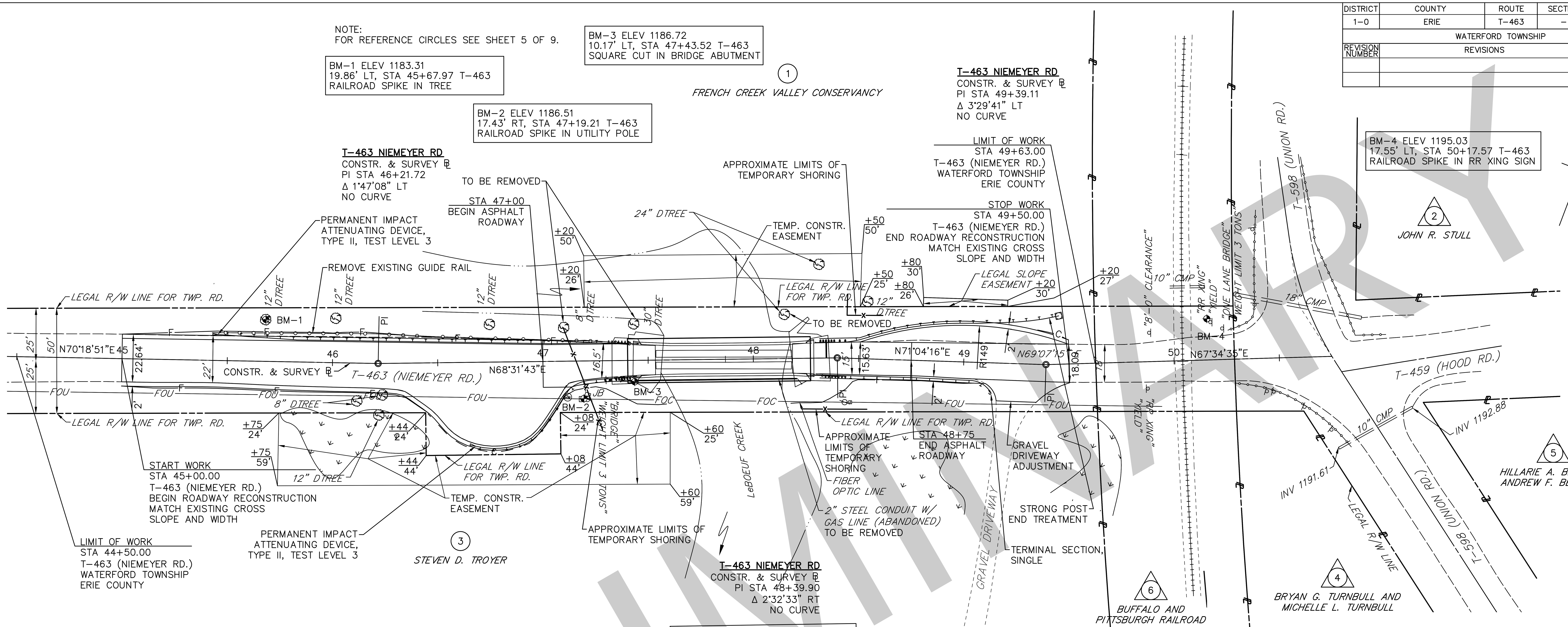
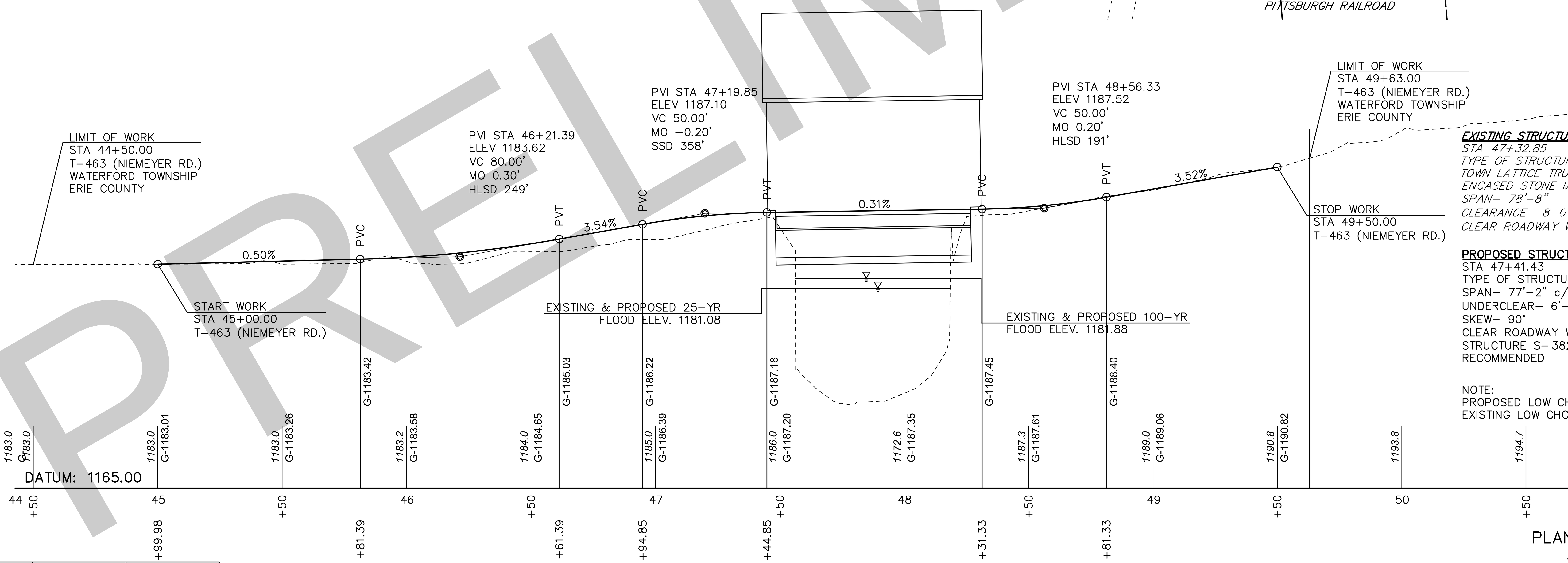
PLOTTED: Feb 10, 2023-3:32pm
OPERATOR: rminor
FILE NAME: P:\0043\004320_0438\C3D\Plan Sets\CONSTR\T0043200438PL.dwg Layout: A09

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
1-0	ERIE	T-463	-	9 OF 9
WATERFORD TOWNSHIP				

REVISION NUMBER	REVISIONS	DATE	BY

NOTE:
FOR REFERENCE CIRCLES SEE SHEET 5 OF 9.





EXISTING STRUCTURE DATA
STA 47+32.85
TYPE OF STRUCTURE- SINGLE SPAN
TOWN LATTICE TRUSS
ENCASED STONE MASONRY BRIDGE
SPAN- 78'-8"
CLEARANCE- 8-0"
CLEAR ROADWAY WIDTH- 14'-7 3/4"

PROPOSED STRUCTURE DATA
STA 47+41.43
TYPE OF STRUCTURE- STEEL BEAM
SPAN- 77'-2" c/c BEARINGS
UNDERCLEAR- 6'-5 1/2" MIN
SKEW- 90°
CLEAR ROADWAY WIDTH- 13'-8"
STRUCTURE S- 38212
RECOMMENDED

NOTE:
PROPOSED LOW CHORD ELEVATIONS MATCH EXISTING LOW CHORD ELEVATIONS.

HYDRAULIC DATA
DRAINAGE AREA- 40.0 SQ. MILES

DESIGN FLOOD:
FREQUENCY- 25 YEARS
MAGNITUDE- 2370 CFS
VELOCITY- 4.03 FPS
ELEVATION- 1181.08

100 YEAR FLOOD:
MAGNITUDE- 3050 CFS
VELOCITY- 4.71 FPS
ELEVATION- 1181.88

SCALE
HORIZONTAL 0 25 50 FEET
VERTICAL 0 5 10 FEET

HERBERT, ROWLAND & GRUBIC, INC.
220 WEST KENSINGER DRIVE
SUITE 100
CRANBERRY TOWNSHIP, PA. 16066

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
DARREN SCOTT MYER
ENGINEER
PE-059684

PLAN & PROFILE SHEET

SURVEY BOOK # 20648

DES: DSM	DWG: BMB	CKD: RPM

PRELIMINARY