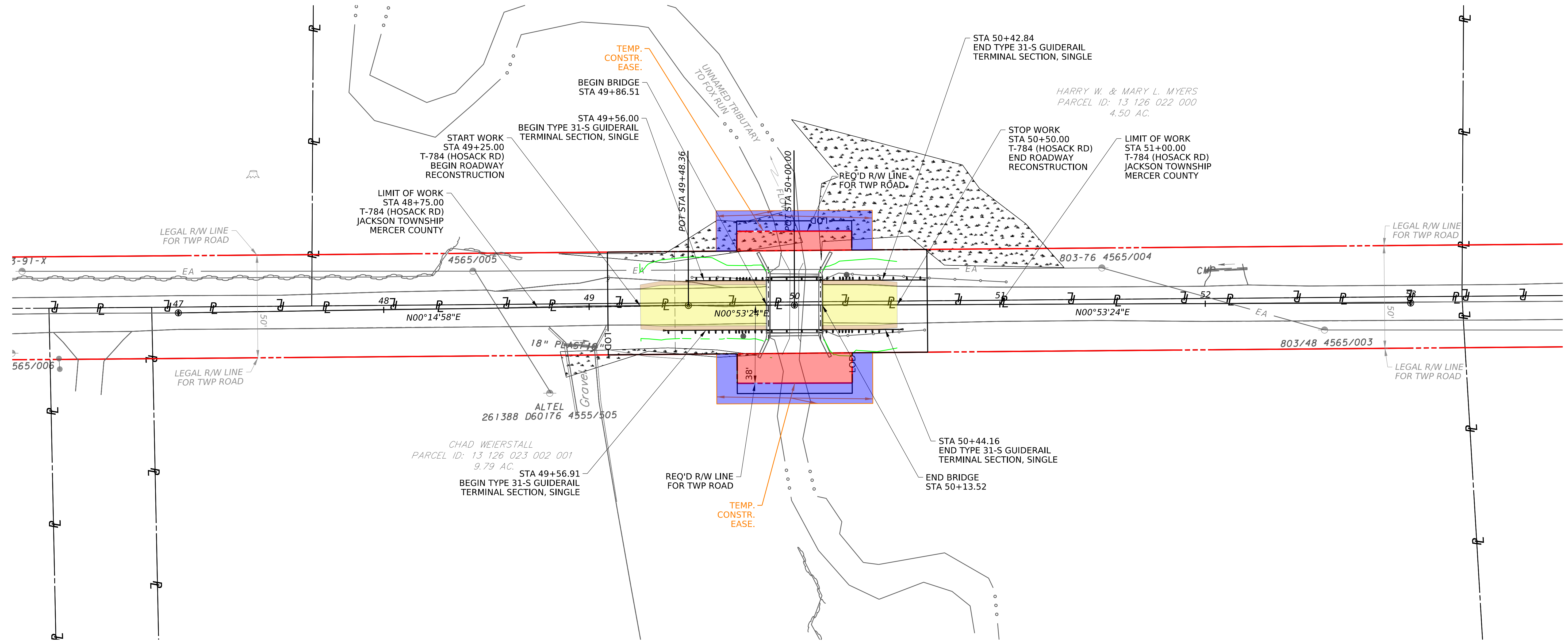
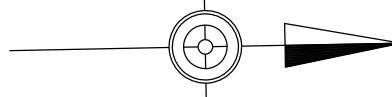
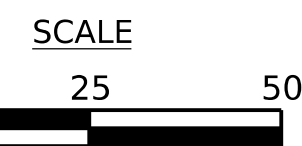


DISTRICT	COUNTY	ROUTE	SECTION	SHEET
1-0	MERCER	T-784		4 OF 6
JACKSON TOWNSHIP				
REV NO	REVISIONS		DATE	BY APPD

Preliminary  
Not for Construction



**PLAN**



**LEGEND**

- C --- LIMITS OF CUT
- F --- LIMITS OF FILL
- ... EXISTING EDGE OF STREAM
- TA EXISTING O/H COMMUNICATION
- G EXISTING GAS LINE
- - - 1234 - - - EXISTING CONTOUR LINE

EXISTING BRIDGE  
 STA 50+00  
 TYPE OF STRUCTURE: SINGLE-SPAN  
 ROLLED I-BEAM STRINGER BRIDGE  
 SPAN: 25'-0" C-C BEARINGS  
 CLEARANCE: 6'-6" MIN.  
 CLEAR ROADWAY WIDTH: 28'-0"

PROPOSED STRUCTURE  
 STA 50+00  
 TYPE OF STRUCTURE:  
 SPAN: 25'-4" C-C BEARINGS  
 CLEARANCE:  
 CLEAR ROADWAY WIDTH: 24'-0"  
 STRUCTURE S-

PROPOSED HYDRAULIC DATA  
 DRAINAGE AREA: 2.19 SQ MI  
 DESIGN FLOOD: 10 YEAR  
 MAGNITUDE: 349 CFS  
 WATER ELEV: 1277.71  
 VELOCITY: 3.88 FT/S

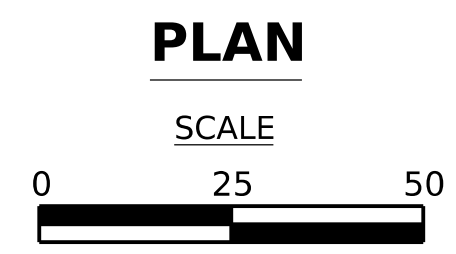
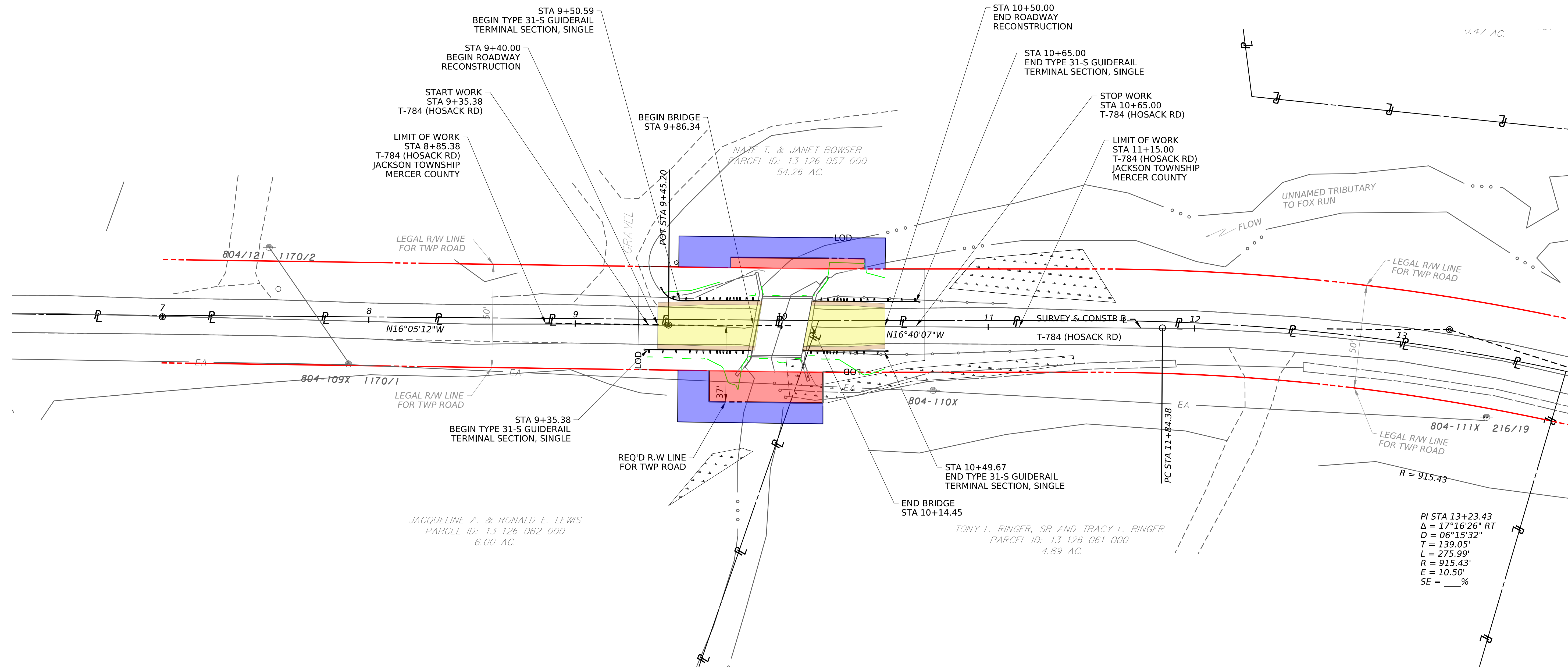
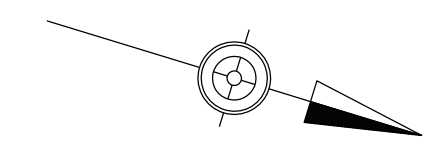
100 YEAR FLOOD  
 MAGNITUDE: 708 CFS  
 WATER ELEV: 1279.13  
 VELOCITY: 4.78 FT/S

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

**2107 PLAN SHEET**

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
1-0	MERCER	T-784		3 OF 6
JACKSON TOWNSHIP				
REV NO	REVISIONS	DATE	BY	APPD

# Preliminary Not for Construction



**EXISTING BRIDGE**  
 STA 10+00  
 TYPE OF STRUCTURE: SINGLE-SPAN  
 ROLLED I-BEAM STRINGER BRIDGE  
 SPAN: 25'-0" C-C BEARINGS  
 CLEARANCE: 6'-6" MIN.  
 CLEAR ROADWAY WIDTH: 28'-0"

**PROPOSED STRUCTURE**  
 STA 10+00  
 TYPE OF STRUCTURE:  
 SPAN: 26'-0" C-C BEARINGS  
 CLEARANCE:  
 CLEAR ROADWAY WIDTH: 24'-0"  
 STRUCTURE S-

RECOMMENDED \_\_\_\_\_

**PROPOSED HYDRAULIC DATA**  
 DRAINAGE AREA: 2.93 SQ MI  
 DESIGN FLOOD: 10 YEAR  
 MAGNITUDE: 432 CFS  
 WATER ELEV: 1260.76  
 VELOCITY: 4.12 FT/S

**100 YEAR FLOOD**  
 MAGNITUDE: 864 CFS  
 WATER ELEV: 1262.59  
 VELOCITY: 4.88 FT/S

### LEGEND

- C --- LIMITS OF CUT
- F --- LIMITS OF FILL
- EX --- EXISTING EDGE OF STREAM
- TA --- EXISTING O/H COMMUNICATION
- G --- EXISTING GAS LINE
- 1234 --- EXISTING CONTOUR LINE

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

### 2108 PLAN SHEET