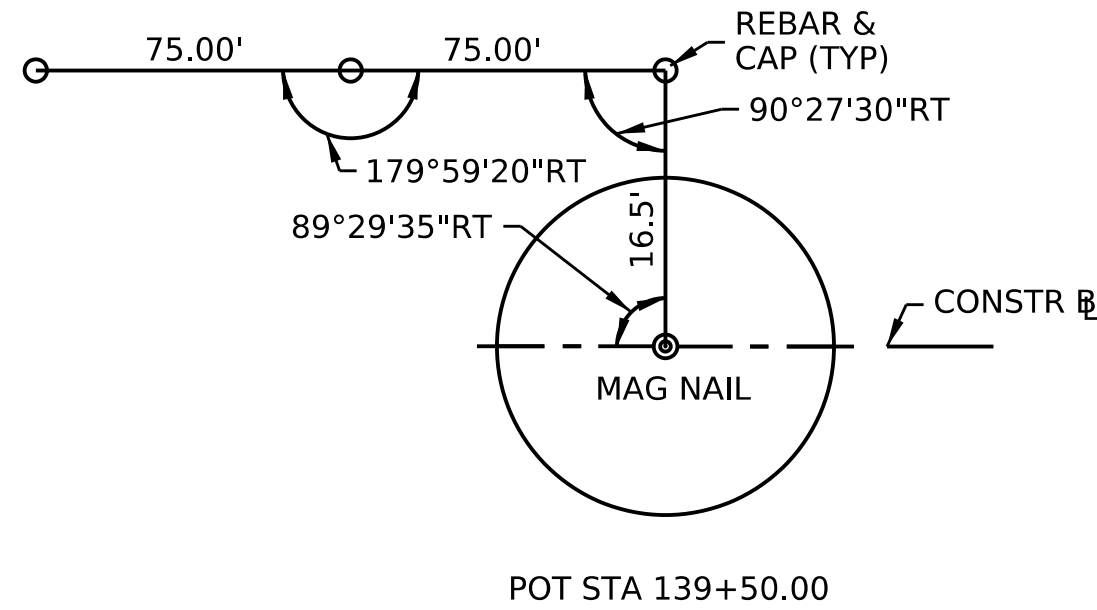


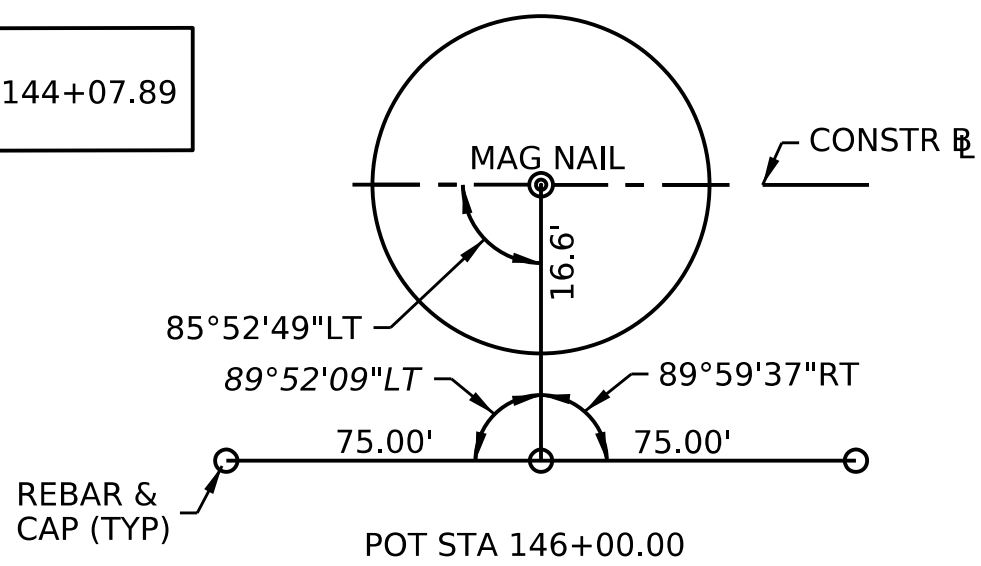
13-JUN-2025 14:03
PLOTTED:

DISTRICT	COUNTY	ROUTE	SECTION	SHEET		
6-0	DELAWARE	4015	DB1	11 OF 12		
THORNBURY TOWNSHIP						
REV NO	REVISIONS			DATE	BY	APPD



BM #2 ELEV 286.57
22.89' RIGHT OF CONSTR @ STA 141+57.32
PENNDOT 6-0 CAP & REBAR

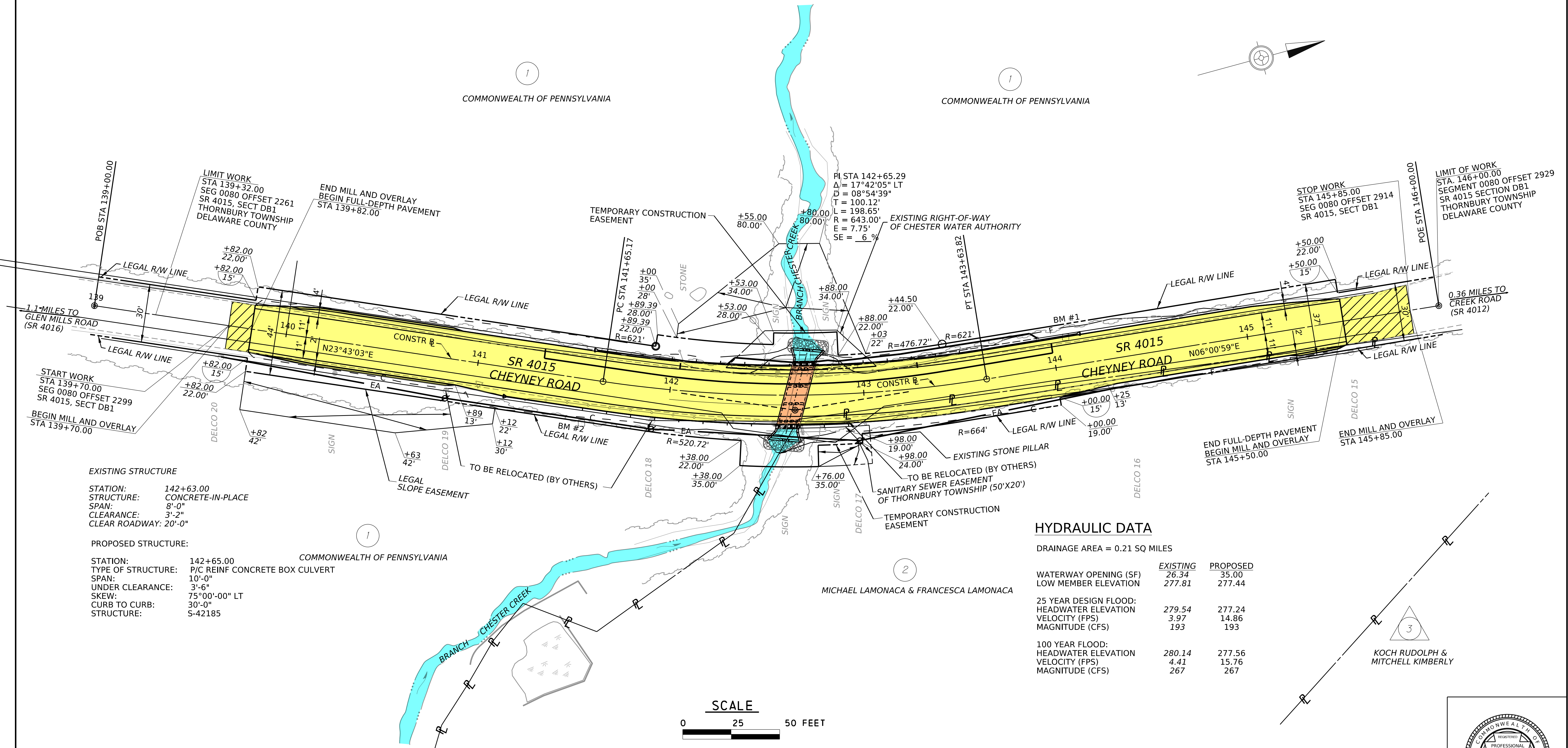
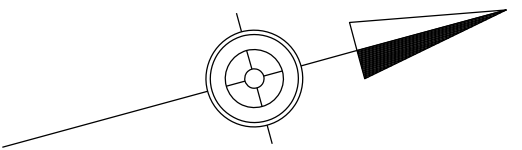
BM #1 ELEV 272.72
14.87' LEFT OF CONSTR @ STA 144+07.89
PENNDOT 6-0 CAP & REBAR



THORNBURY TOWNSHIP

COMMONWEALTH OF PENNSYLVANIA

COMMONWEALTH OF PENNSYLVANIA



EXISTING STRUCTURE

STATION: 142+63.00
STRUCTURE: CONCRETE-IN-PLACE
SPAN: 8'-0"
CLEARANCE: 3'-2"
CLEAR ROADWAY: 20'-0"

PROPOSED STRUCTURE:

STATION: 142+65.00
TYPE OF STRUCTURE: P/C REINF CONCRETE BOX CULVERT
SPAN: 10'-0"
UNDER CLEARANCE: 3'-6"
SKEW: 75°00'-00" LT
CURB TO CURB: 30'-0"
STRUCTURE: S-42185

COMMONWEALTH OF PENNSYLVANIA

HYDRAULIC DATA

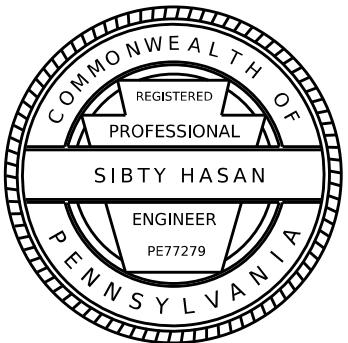
DRAINAGE AREA = 0.21 SQ MILES

	EXISTING	PROPOSED
WATERWAY OPENING (SF)	26.34	35.00
LOW MEMBER ELEVATION	277.81	277.44
25 YEAR DESIGN FLOOD:		
HEADWATER ELEVATION	279.54	277.24
VELOCITY (FPS)	3.97	14.86
MAGNITUDE (CFS)	193	193
100 YEAR FLOOD:		
HEADWATER ELEVATION	280.14	277.56
VELOCITY (FPS)	4.41	15.76
MAGNITUDE (CFS)	267	267

SCALE



FOR PROFILE SEE SHEET NO 11



KOCH RUDOLPH &
MITCHELL KIMBERLY