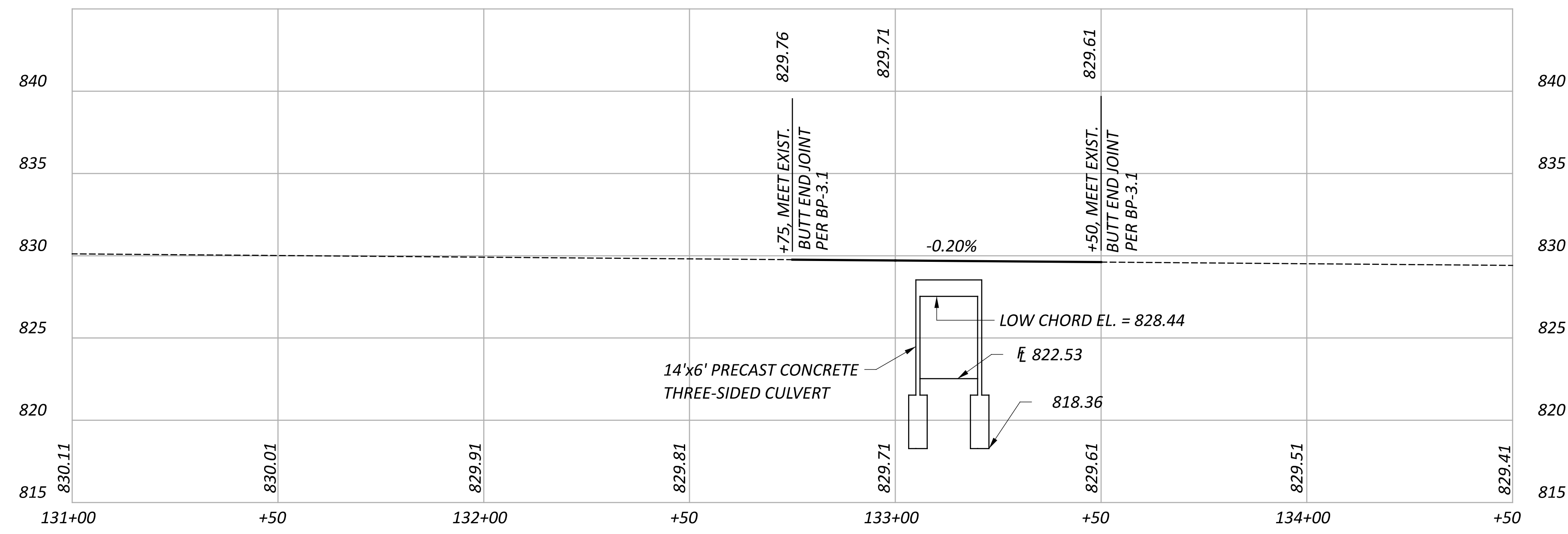


HYDRAULIC DATA	
DRAINAGE AREA: 0.79 SQ.MI.	
EXISTING WATERWAY OPENING:	60.0 SF
PROPOSED WATERWAY OPENING:	70.0 SF
ORDINARY HIGH WATER MARK:	822.9 FT
SFN: 3006914	
DESIGN SERVICE LIFE: 75 YRS	
Abrasion Level: 3	
Q (10%) = 297 CFS	Q (1%) = 518 CFS
V (10%) = 6.9 FPS	V (1%) = 7.9 FPS
HW (10%) = 827.8	HW (1%) = 829.9

EXISTING STRUCTURE
TYPE: CONCRETE SLAB SUPPORTED ON GRAVITY WALL ABUTMENT
SPAN: 12'-0"
ROADWAY: 22'-5" F/F RAILS
ALIGNMENT: CURVE
APPROACH SLAB: NONE
SUPERELEVATION: VARIES
DATE BUILT: 1900
STRUCTURE FILE NO. 3006514
SKEW: 0° REFERENCE CHORD
DISPOSITION: TO BE REPLACED
LOADING: S-11.3(7)

PROPOSED STRUCTURE
TYPE: PRECAST REINFORCED CONCRETE FLAT-TOPPED THREE-SIDED CULVERT WITH CAST-IN-PLACE WINGWALLS
SPAN: 14'-0" F/F CULVERT
ROADWAY: 34'-0" F/F RAILS
ALIGNMENT: 1°19'11" CURVED TO THE RIGHT
SUPERELEVATION: VARIES
APPROACH SLAB: NONE
SKEW: 0°
WEARING SURFACE: ASPHALT CONCRETE
LOADING: HL93
FUTURE WEARING SURFACE: 60 PSF
SFN: 3006914



CULVERT PLAN AND PROFILE  
 STA. 133+13.00

DESIGN AGENCY	
<b>XYZ</b> Planning • Engineering • Surveying	
DESIGNER	
KEW	
REVIEWER	
JOH 01/17/25	
PROJECT ID	
131206	
SUBSET	TOTAL
1	8
SHEET	TOTAL
P.100	125