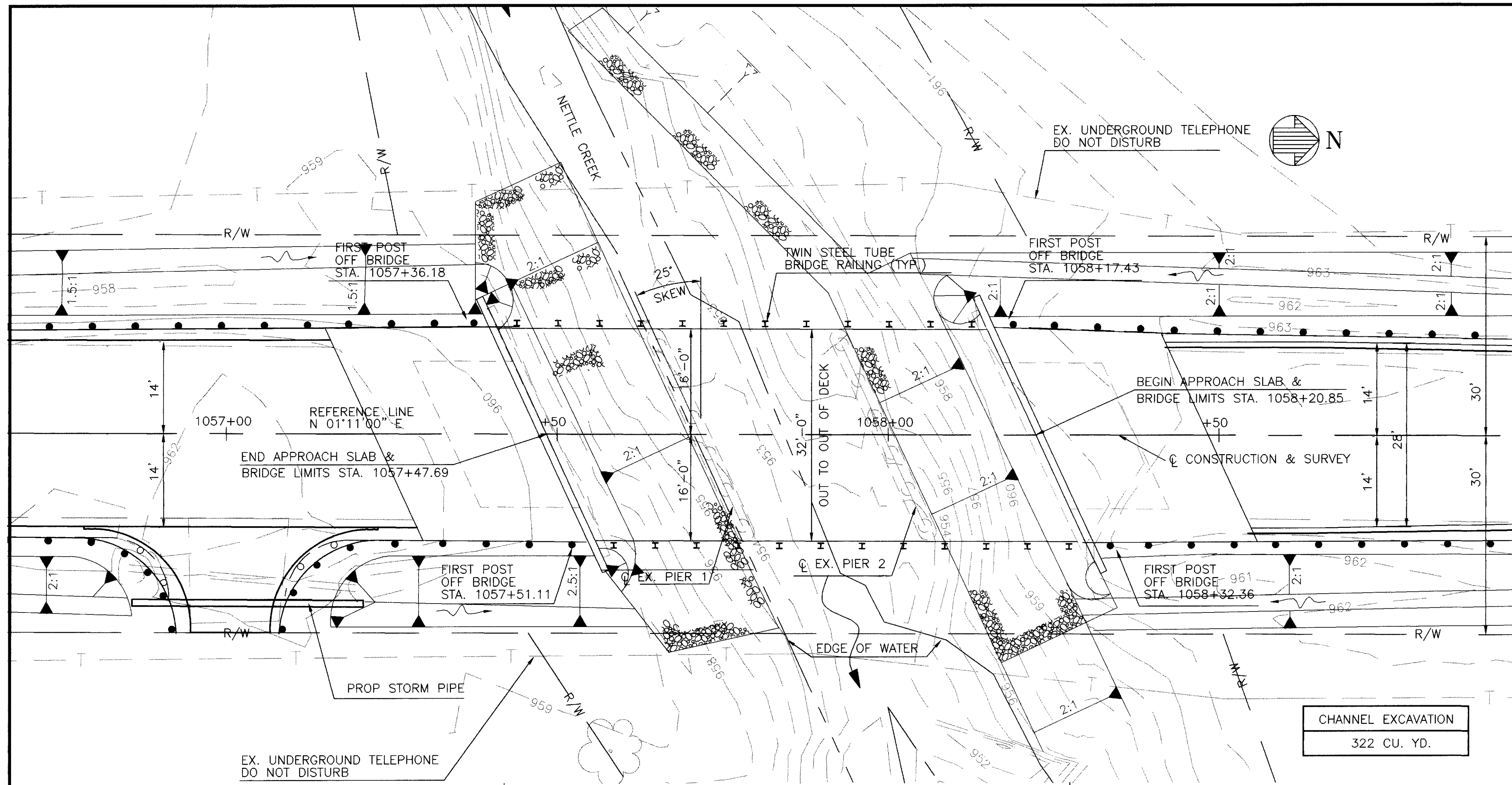
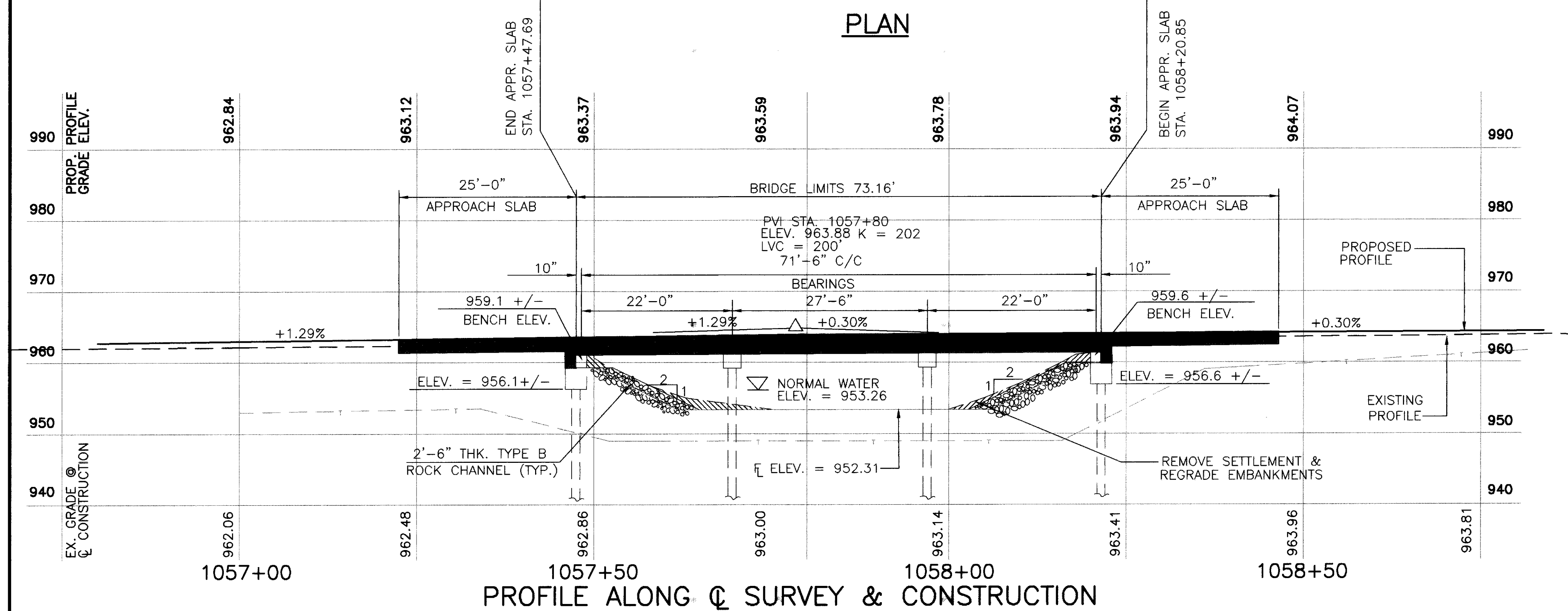


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PLAN



PROFILE ALONG  $\phi$  SURVEY & CONSTRUCTION

NOTES:

- 1.) EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS-SECTIONS.
- 2.)
- 3.) CHANNEL EXCAVATION CARRIED TO ESTIMATED QUANTITIES SEE SHEET 30 OF 40 AND PAID FOR UNDER ITEM 203 - EXCAVATION, NOT INCLUDING EMBANKMENT CONSTRUCTION

B.M. #1 - CHISELED CROSS ON TOP OF GUARDRAIL TIE DOWN BOLT ON EAST SIDE OF S.R. 49 @ SOUTH END OF GUARDRAIL STA. 1055+30, 17 FEET RT EL. = 960.90

B.M. #2 - SOUTHWEST CORNER OF CONCRETE PAD FOR GUARDRAIL TIE DOWN STA. 1060+10, 16 FEET RT EL. = 963.87

TRAFFIC DATA - STATE ROUTE 49

CURRENT A.D.T. (1999) = 1360  
DESIGN YEAR A.D.T. (2019) = 2660  
FUNCTIONAL CLASSIFICATION = MINOR ARTERIAL (RURAL)

LOCATION

LATITUDE: 41° 41' 30" (NORTH)  
LONGITUDE: 84° 44' 30" (WEST)  
USGS QUADRANGLE: PIONEER

EXISTING STRUCTURE

TYPE : CONTINUOUS REINFORCED CONCRETE SLAB WITH CAPPED PILE SUBSTRUCTURE  
SPAN : 22'/27.5'/22' C/C BEARINGS  
ROADWAY : 32' F/F GUARDRAIL  
LOADING : CF= 30(51)  
ALIGNMENT : TANGENT  
SKEW : 25° RIGHT FORWARD  
DATE BUILT : 1956  
STRUCTURE FILE NO. : 8602042  
CONDITION : FAIR

PROPOSED STRUCTURE

TYPE: NEW 3 SPAN CONTINUOUS REINFORCED CONC. SLAB SUPERSTRUCTURE SUPPORTED BY EXISTING REINFORCED CONCRETE ABUTMENTS AND EXISTING REINFORCED CONCRETE PIERS  
SPAN: 22'/27.5'/22' C/C BEARINGS  
ROADWAY: 32' F/F GUARDRAIL (OUT TO OUT)  
DESIGN LOADING: HS 25-44 AND THE ALTERNATE MILITARY LOADING  
SKEW: 25° RIGHT FORWARD  
WEARING SURFACE: MONOLITHIC 1" THK. ASSUMED  
ALIGNMENT: TANGENT  
APPROACH SLABS: AS-1-81 (25 FT.)  
SUPERELEVATION: NONE  
CROWN: 3/16"/FT.