

NOTE
STATIONING IS ALONG "CL RIGHT LANE"
UNLESS NOTED OTHERWISE.

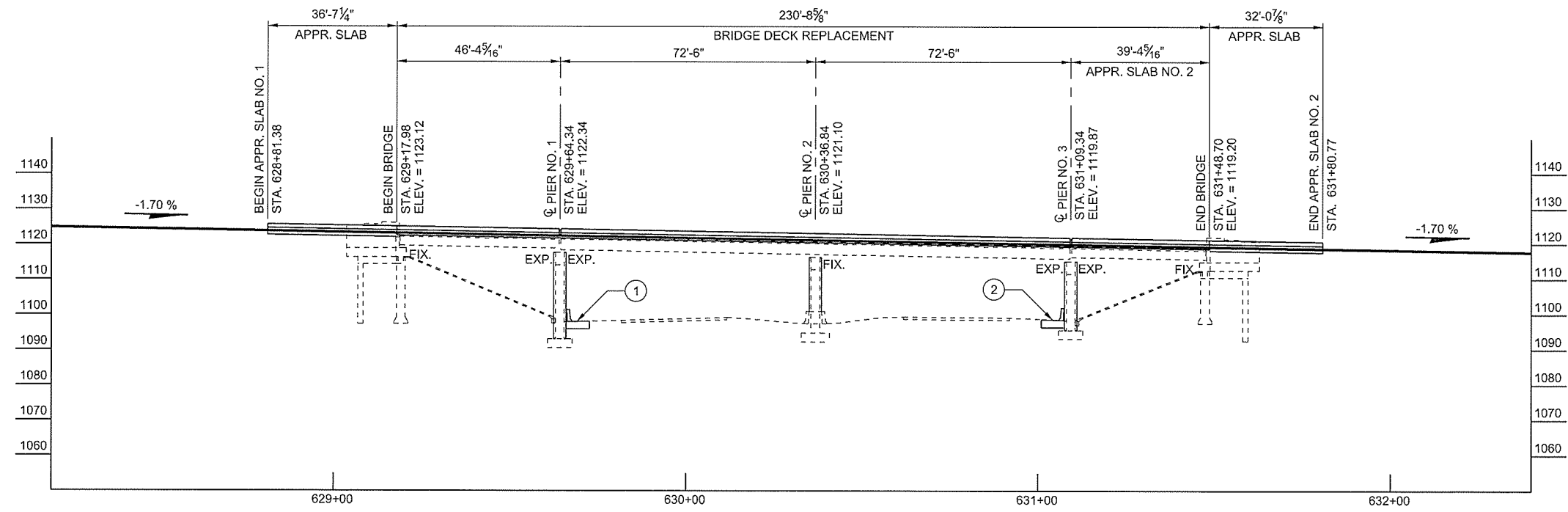
DESIGN DATA
(NEW CONSTRUCTION ONLY)

MATERIALS
 CLASS A CONCRETE $f_c = 3,000$ psi
 CLASS AA CONCRETE $f_c = 4,000$ psi
 REINFORCING STEEL (GRADE 60) $f_y = 60,000$ psi
 STRUCTURAL STEEL (GRADE 50W) $f_y = 50,000$ psi
 STRUCTURAL STEEL (A36) $f_y = 36,600$ psi

LOADING
 HL-93 OR OKLAHOMA OVERLOAD TRUCK
 20 PSF FUTURE WEARING SURFACE
 5 PSF STAY-IN-PLACE FORMS

DESIGN
 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR
 HIGHWAY BRIDGES, 7TH EDITION (WITH 2015 INTERMS)
 ANSI/AASHTO 1.5 BRIDGE WELDING CODE
 LFD OPERATING RATING: HS 49.6

- ① REMOVE EXISTING PIER PROTECTION AND CONSTRUCT 162.7 L.F. OF CONCRETE PIER PROTECTION UNDER BRIDGE "A" AND BRIDGE "B". SEE STD. CPP-1-00 FOR DETAILS.
- ② REMOVE EXISTING PIER PROTECTION AND CONSTRUCT 162.2 L.F. OF CONCRETE PIER PROTECTION UNDER BRIDGE "A" AND BRIDGE "B". SEE STD. CPP-1-00 FOR DETAILS.
- ③ INSTALL THRIE BEAM CONNECTION AND TIE TO EXISTING GUARDRAIL.
- ④ ELECTRIC UTILITY ATTACHED TO EXISTING DECK OVERHANG IS OWNED BY THE CITY OF PURCELL. CONTACT ELECTRIC UTILITY SUPERVISOR (405-315-6426) FOR MORE INFORMATION. CONTRACTOR SHALL PROTECT UTILITY DURING CONSTRUCTION, MAINTAIN ELECTRICAL SERVICE OUTSIDE OF THE LIGHTING SYSTEM ON THE BRIDGE, AND RE-ATTACH TO NEW DECK OVERHANG AS DIRECTED BY THE ENGINEER. ALL COSTS TO BE PAID FOR UNDER OTHER ITEMS OF WORK.



BENCHMARK DATA				
BENCHMARK	DESCRIPTION	NORTHING	EASTING	ELEV
BM-1	#4 IRON PIN WITH CAP	600758.365	2155964.726	1125.87
BM-2	#4 IRON PIN WITH CAP	601164.054	2156614.460	1109.17
BM-3	#4 IRON PIN WITH CAP	600275.300	2156072.719	1127.06
BM-4	#4 IRON PIN WITH CAP	601019.002	2156873.479	1110.45

S.H. 74 OVER I-35 McCLAIN CO.

DESIGN	GDD	OKLAHOMA DEPARTMENT OF TRANSPORTATION GENERAL PLAN AND ELEVATION BRIDGE "B" STATE JOB NO. 29572(04) SHEET NO. 10
DRAWN	ZTF	
CHECKED	JTK	
APPROVED		
SQUAD	MacArthur	

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