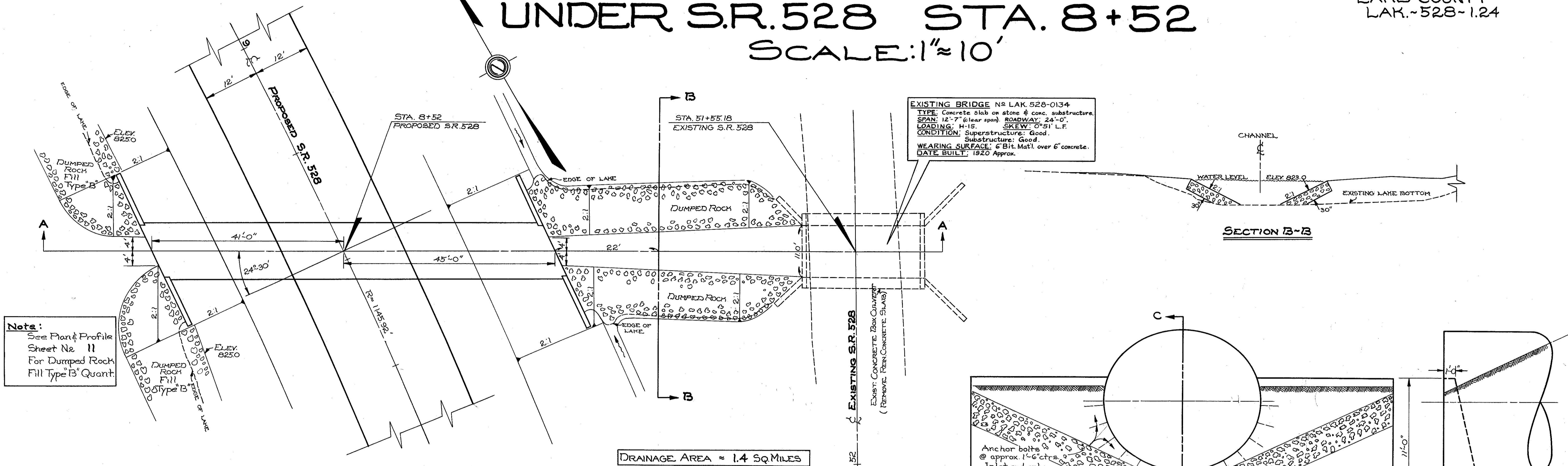


12' DIA. PIPE CULVERT UNDER S.R. 528 STA. 8+52 SCALE: 1" = 10'

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

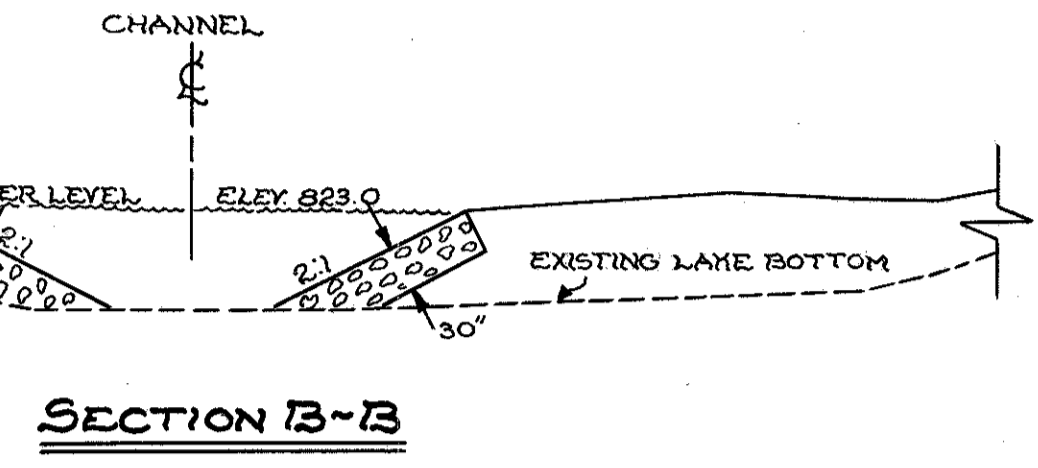
50
70

LAKE COUNTY
LAK.-528-1.24

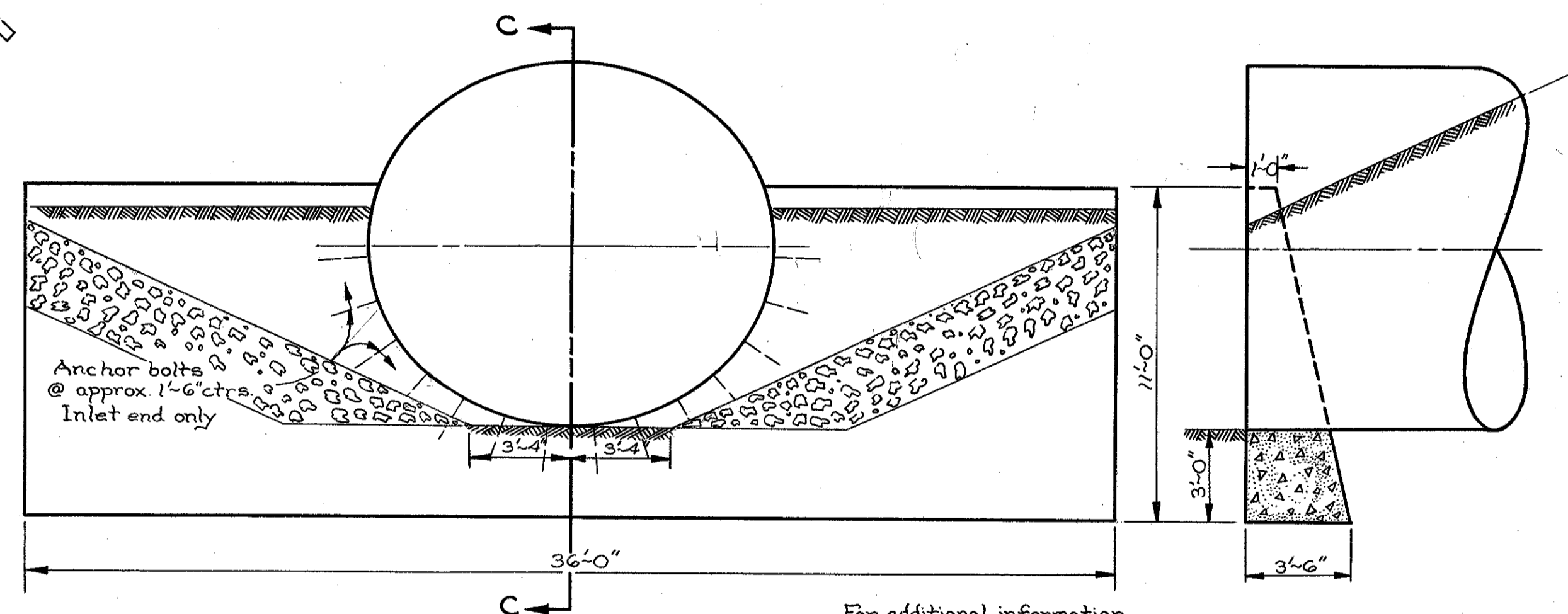


Note:
See Plan & Profile
Sheet No. 11
For Dumped Rock
Fill Type "B" Quant.

EXISTING BRIDGE NO. LAK. 528-0134
TYPE: Concrete slab on stone & conc. substructure.
SPAN: 12'-7" (clear span) ROADWAY: 24'-0"
LOADING: H-15. SKEW: 0° 51' L.F.
CONDITION: Superstructure: Good.
Substructure: Good.
WEARING SURFACE: 6" Bit. Matl. over 6" concrete.
DATE BUILT: 1920 Approx.

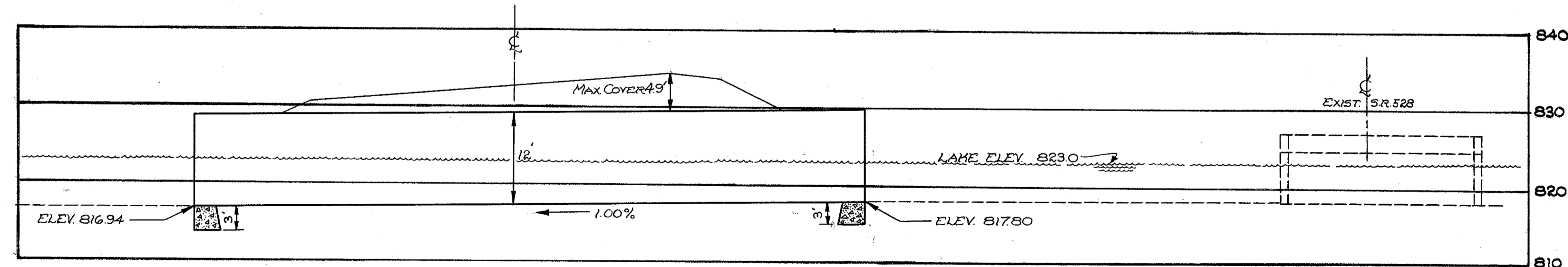


DRAINAGE AREA ≈ 1.4 SQ. MILES



For additional information
see Standard Construction
Drawing SP-53

ENDWALL DETAILS
SCALE: 1/4" = 1'-0"



SECTION A-A

CULVERT DATA
SKEW 24°-30' L.F.
TYPE Item I-1 86 Lin. ft. 144" Sectional plate corrugated metal pipe culvert Sec. M-6.4 (g) Gage 7-5, Class A-1
SIZE 144" x 86"
WORK REQUIRED Build sectional plate corrugated metal pipe culvert with endwalls at left and right. Build a channel from the concrete box culvert on existing S.R. 528 to the right end of the proposed corrugated metal pipe culvert and provide dumped rock channel protection on the side slopes.

ESTIMATED QUANTITIES

I-1 144" Sectional plate corrugated metal pipe culvert Sec. M-6.4 (g) Gage 7-5, Class A-1	≈ 86 Lin. Ft.
I-2 Plain Conc. Masonry Endwalls, Class "E"	≈ 51.6 Cu. Yds.
I-10 Dumped Rock Channel Protection	≈ 85 Cu. Yds.
E-2 Cofferdams, Crib and Sheeting	= Lump Sum
S-22 Removal of Portions of Existing Structure	= Lump Sum

STRUCTURE NUMBER LAK-528-0136

12' DIA. PIPE CULVERT UNDER S.R. 528 STA. 8+52