

**ESTIMATED QUANTITIES**

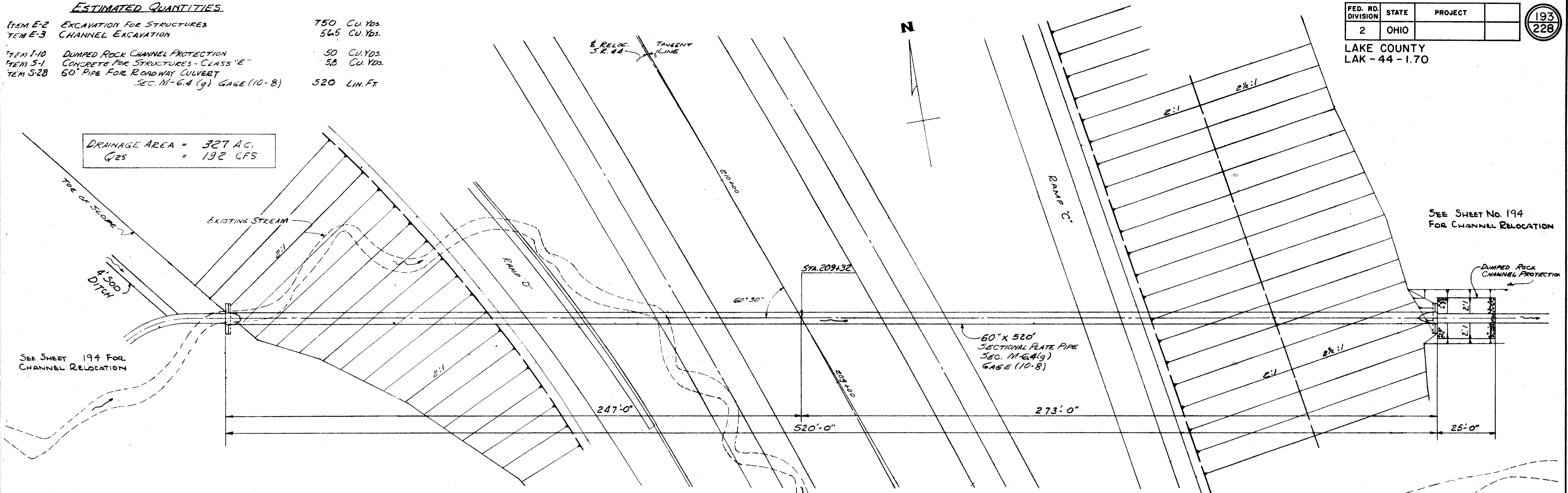
ITEM E-2	EXCAVATION FOR STRUCTURES	750 CU. Yds.
ITEM E-3	CHANNEL EXCAVATION	565 CU. Yds.
ITEM I-10	DUMPED ROCK CHANNEL PROTECTION	50 CU. Yds.
ITEM S-1	CONCRETE FOR STRUCTURES - CLASS "E"	58 CU. Yds.
ITEM S-28	60" PIPE FOR ROADWAY CULVERT SEC. M-6.4 (g) GAGE (10-8)	520 LIN. FT.

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

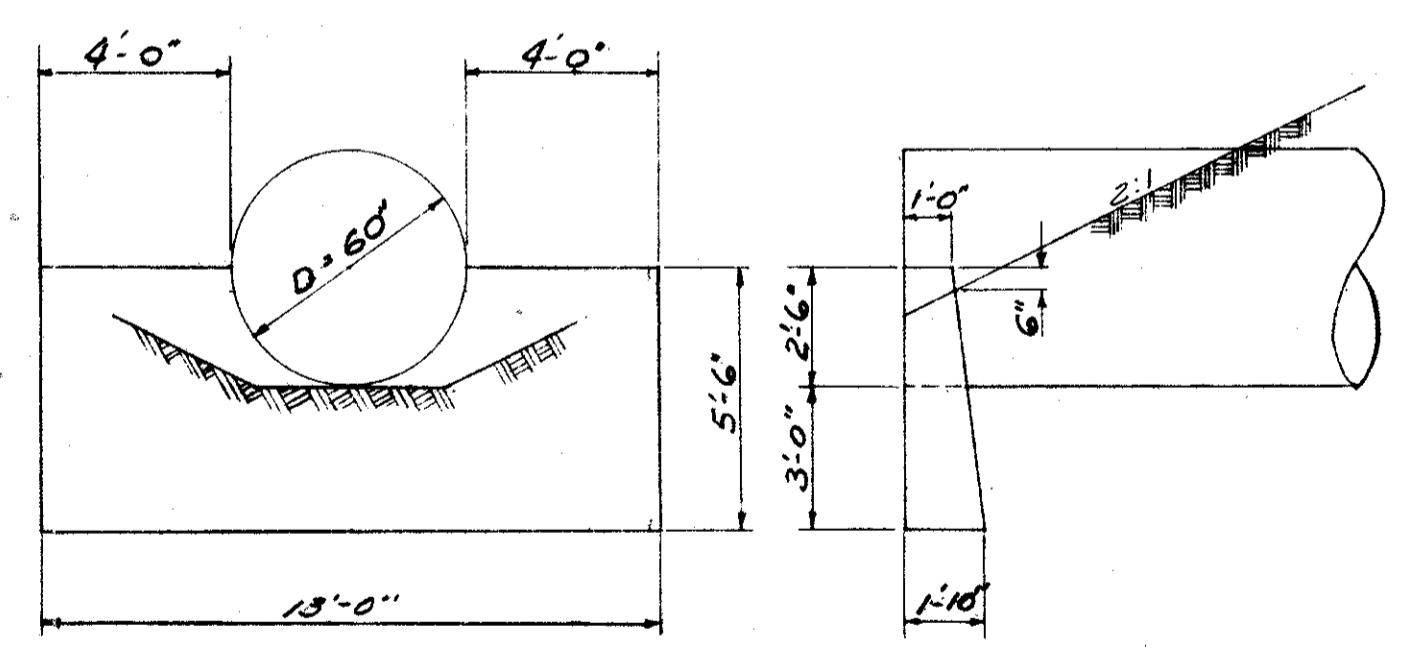
193  
228

LAKE COUNTY  
LAK-44-1.70

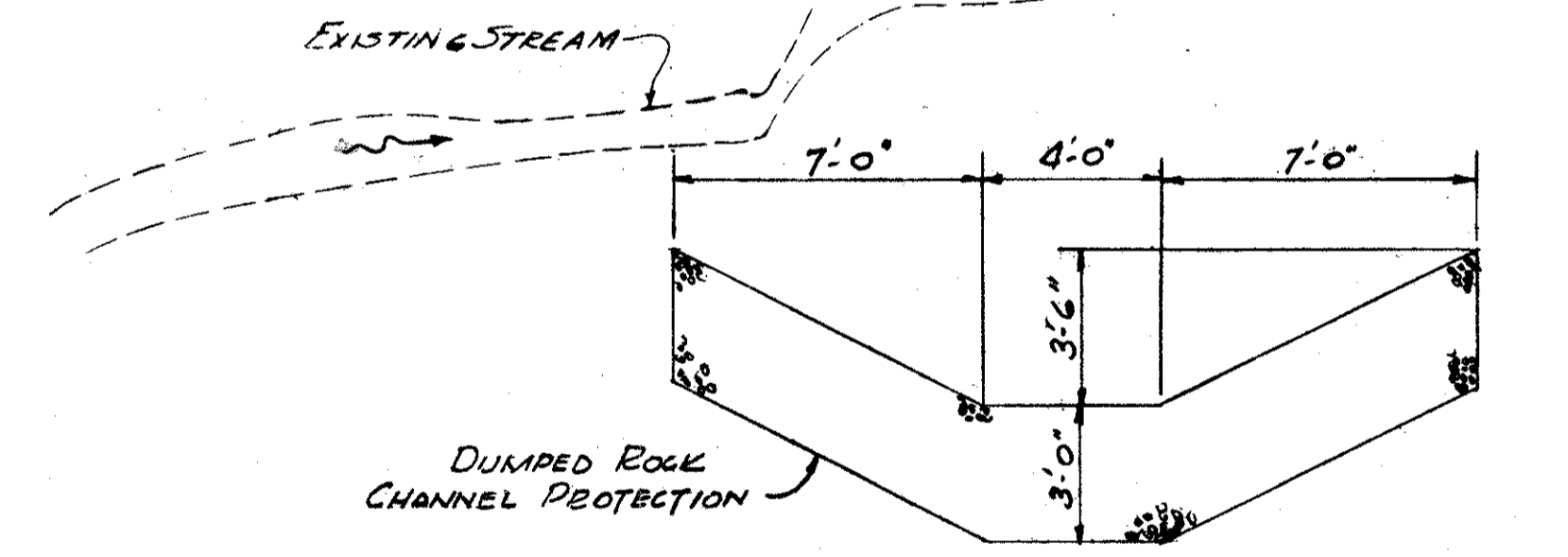
DRAINAGE AREA = 327 AC.  
Q<sub>25</sub> = 192 CFS.



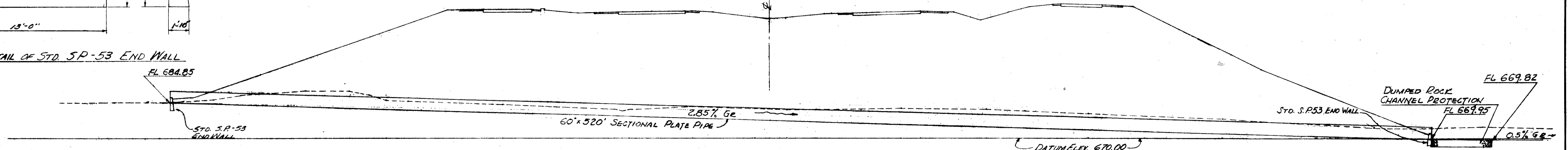
PLAN



DETAIL OF STD. S.P.-53 END WALL



DETAIL OF OUTLET PROTECTION



ELEVATION

TRYGVE HOFF & ASSOCIATES  
ENGINEERS  
1922 EAST 107TH STREET CLEVELAND, OHIO

**PIPE CULVERT** ⑨

RELOCATED S.R. 44  
STA. 209 + 32

SCALE 1" = 20' DATE

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
JWP			JPC	T.L.L.	10/11/58	