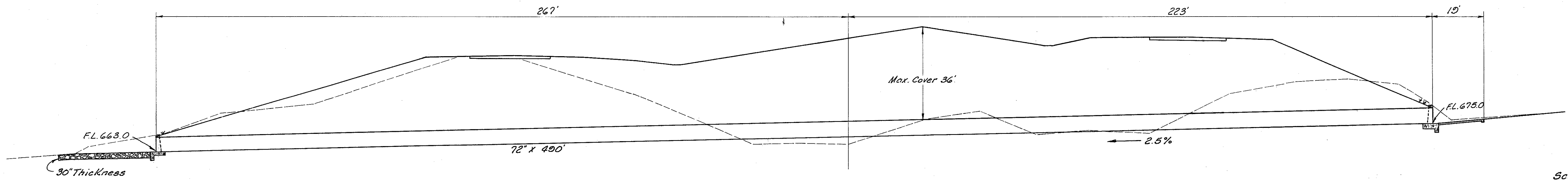
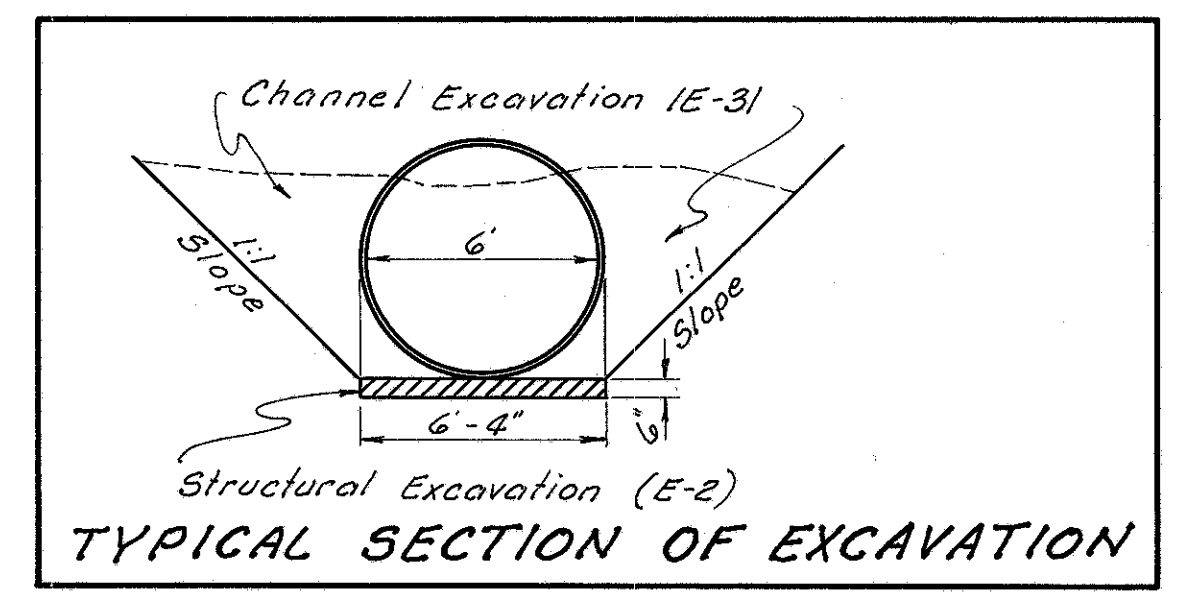


Area = 280 Acres  
Q<sub>50</sub> = 251 C.F.S.

Headwater = 7.68'  
Outlet Velocity = 14.80 F.P.S.



**ESTIMATED QUANTITIES**

E-2	Excavation for Structures	160	Cu. Yds.
E-3	Channel Excavation	4,596	Cu. Yds.
S-1	Concrete for Structures Class "C"	43.0	Cu. Yds.
S-1	Concrete for Structures Class "E"	1.4	Cu. Yds.
S-4	Reinforcing Steel	3,046	Lbs.
S-28	72" Sectional Corrugated Metal Structure	490	Lin. Ft.
I-10	Dumped Rock Channel Protection	108	Cu. Yds.
I-14	Paved Gutter Type I Modified	48	Lin. Ft.
L-10	Sodding	14	Sq. Yds.

**CULVERT DATA**

TYPE: Pipe Culvert S-28 Sec. M-6.4(g) Gage 10-8 Type "B1" Hdwl' Rt.  
Type "B1" Special Lt.

SIZE: 72" x 490'

Note: For Hdwl' Detail Rt. see Sheet No. 264  
For Hdwl' Detail Lt. see Sheet No. 263

Scale: 1" = 20'  
CULVERT NO. LAK-1-0302

MICHAEL BAKER JR., CONSULTING ENGINEERS  
ROCHESTER, PENNSYLVANIA

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS  
STATE HIGHWAY NO. 1  
C-43  
CULVERT SECTION  
STA. 159+23

Designed	Drawn	Traced	Checked	Reviewed Date	Revised
F.A.N.	M.M.	R.L.G.	L.S.I.		

PIPE CULVERT STA. 159+23