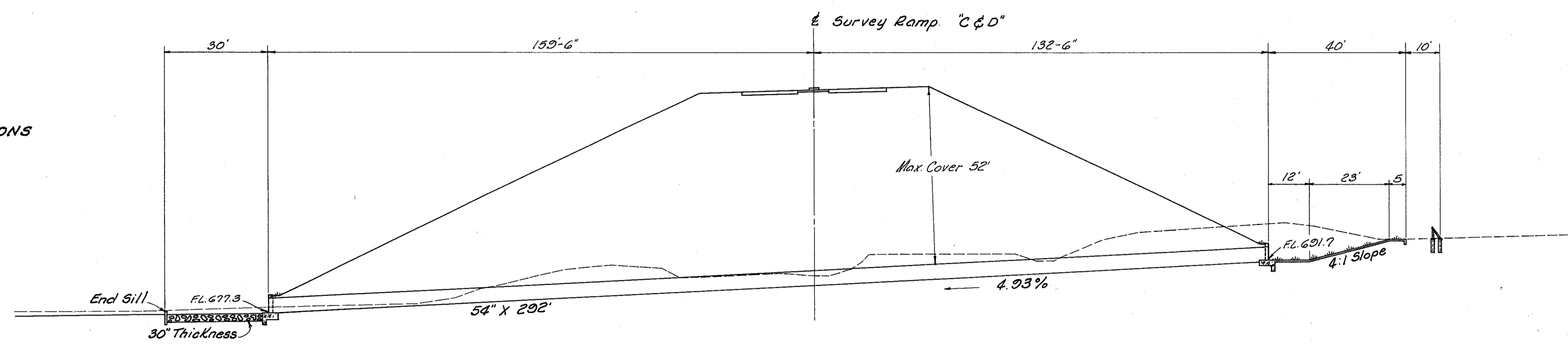


Area = 130.5 Acres
Q₅₀ = 133 C.F.S.

Headwater = 5.85'
Outlet Velocity = 17.3 F.P.S.



ESTIMATED QUANTITIES

E-2	Excavation for Structures	493	Cu. Yds.
E-3	Channel Excavation	211	Cu. Yds.
S-1	Concrete for Structures Class "C"	23.94	Cu. Yds.
S-1	Concrete for Structures Class "E"	2.62	Cu. Yds.
S-4	Reinforcing Steel	950	Lbs.
S-27	54" Pipe for Roadway Culverts	292	Lin. Ft.
I-10	Dumped Rock Channel Protection	39	Cu. Yds.
I-14	Paved Gutter Type 1 Modified 4' F.B.	72	Lin. Ft.
L-10	Sodding	28	Sq. Yds.
S-7	Structural Steel	1005	Lbs.

CULVERT DATA

TYPE: Pipe Culvert S-27, Sec. M-6.4(d) Gage 8. The pipe shall be shop strutted by use of horizontal wires to produce and maintain a 5% vertical elongation. The wire struts shall be satisfactorily removed from the inside of the pipe immediately after completion of the overlying embankment construction. Type "B1" Headwalls.

SIZE: 54" x 292"

Note: For Headwall Details see Sheet No. 264

Scale: 1"=20'

MICHAEL BAKER JR., CONSULTING ENGINEERS
ROCHESTER, PENNSYLVANIA

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
STATE HIGHWAY NO. 1
C-43
CULVERT SECTION
STA. 9+47 RAMP "C&D"

Designed	Drawn	Traced	Checked	Reviewed Date	Revised
F.A.N.	A.L.H.	K.L.G.	L.S.I.		