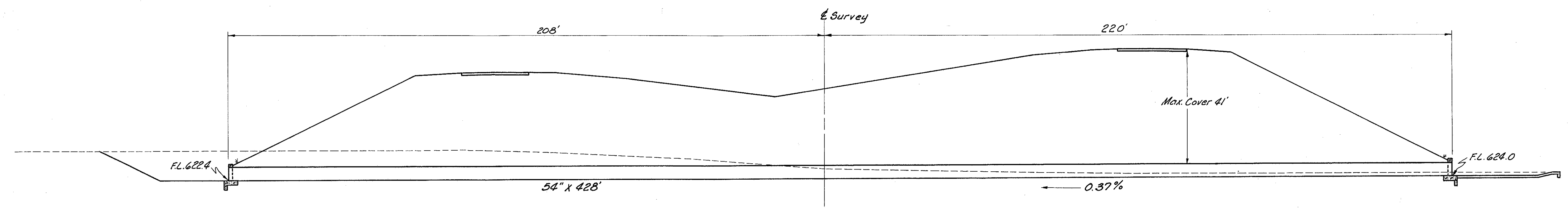


Area = 69 Acres
Q₅₀ = 102 C.F.S.

Headwater = 5.6
Outlet Velocity = 6.3 F.P.S.



ESTIMATED QUANTITIES

E-2	Excavation for Structures	718	Cu. Yds.
E-3	Channel Excavation	45	Cu. Yds.
S-1	Concrete for Structures Class "C"	340	Cu. Yds.
S-4	Reinforcing Steel	1,576	Lbs.
S-27	54" Pipe for Roadway Culverts	428	Lin. Ft.
I-14	Paved Gutter Type 1 4' F.B. Modified	68	Lin. Ft.
L-10	Sodding	11	Sq. Yds.

CULVERT DATA

TYPE: Pipe Culvert S-27, Sec. M-6.4(d) Gage B. 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.

SIZE: 54" X 428'

Note: For Headwalls Details see Standard Drawing HW-C

Scale: 1" = 20'
CULVERT NO. LAK-1-0388

MICHAEL BAKER JR., CONSULTING ENGINEERS
ROCHESTER, PENNSYLVANIA

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
STATE HIGHWAY NO. 1
C-43
CULVERT SECTION
STA. 205+00

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