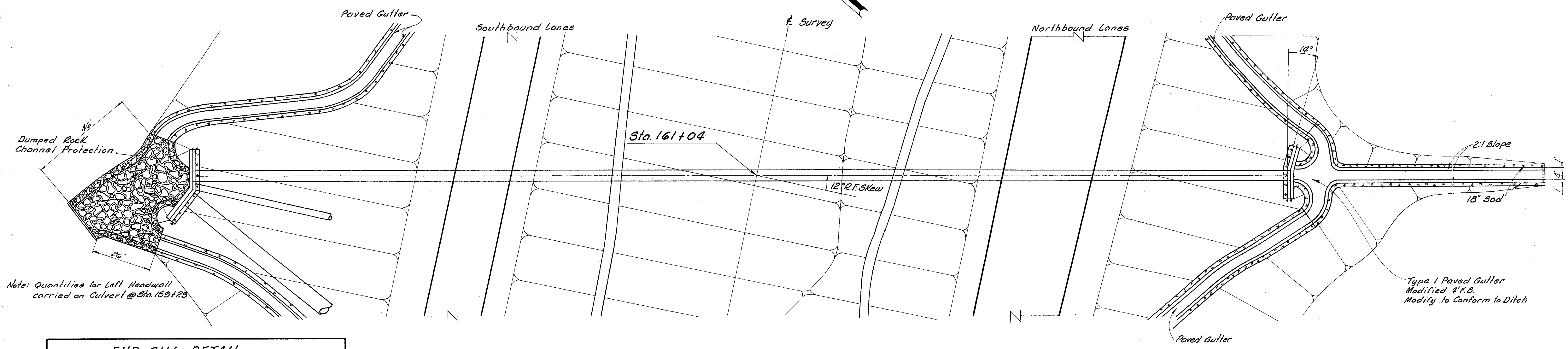
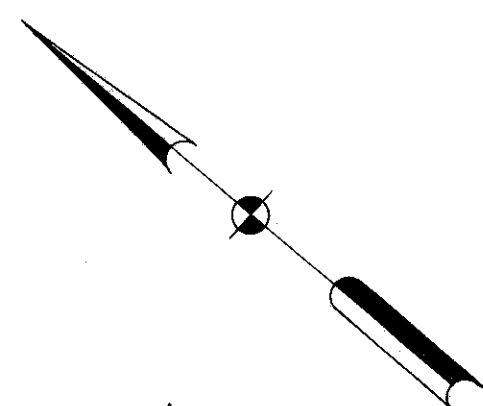
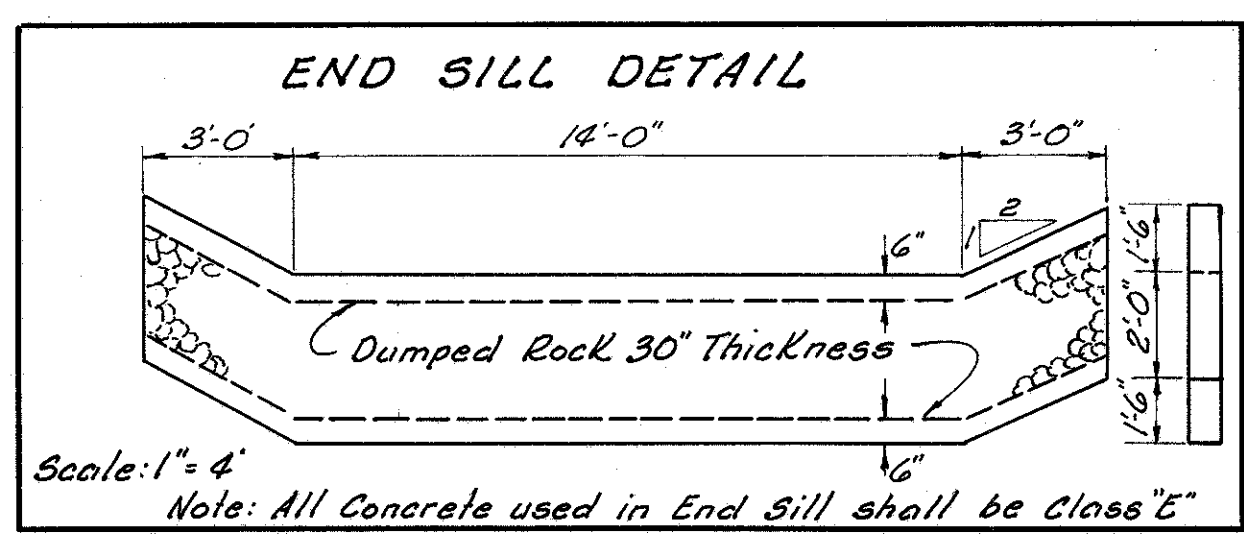


LAKE COUNTY
LAK-1-2.16



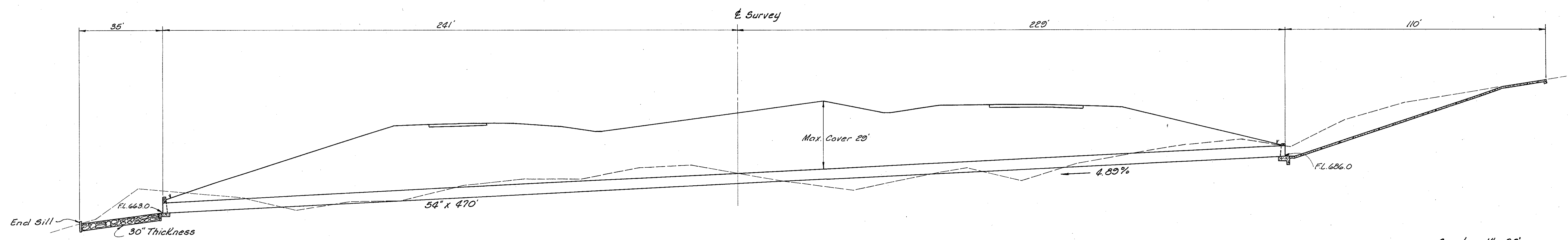
Note: Quantities for Left Headwall carried on Culvert @ Sta. 159+23

Type 1 Paved Gutter Modified 4'F.B. Modify to Conform to Ditch



Area = 51 Acres
Q50 = 21 C.F.S.

Headwater = 4.28'
Outlet Velocity = 172 F.P.S.



ESTIMATED QUANTITIES

E-2	Excavation For Structures	554	Cu. Yds.
E-3	Channel Excavation	125	Cu. Yds.
S-1	Concrete for Structures Class 'C'	11.27	Cu. Yds.
S-4	Reinforcing Steel	473	Lbs.
S-27	54" Pipe for Roadway Culverts	470	Lin. Ft.
L-10	Soldering	54	Sq. Yds.
I-14	Paved Gutter Type 1 Modified 4'F.B.	147	Lin. Ft.

CULVERT DATA

TYPE: Pipe Culvert S-27 Sec. M-6.4(d) Gage 8, Type 'B-1' Headwall
 SIZE: 54" X 470' Pipe shall be Shop Deformed to produce and maintain a 5% Vertical Elongation.
 Note: For Headwalls Details see Sheets No. 263 & 264

Scale: 1" = 20'
CULVERT NO. LAK-1-0305

MICHAEL BAKER JR., CONSULTING ENGINEERS
 ROCHESTER, PENNSYLVANIA

STATE OF OHIO
 DEPARTMENT OF HIGHWAYS
 STATE HIGHWAY NO. 1
 C-43
 CULVERT SECTION
 STA. 161+04

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