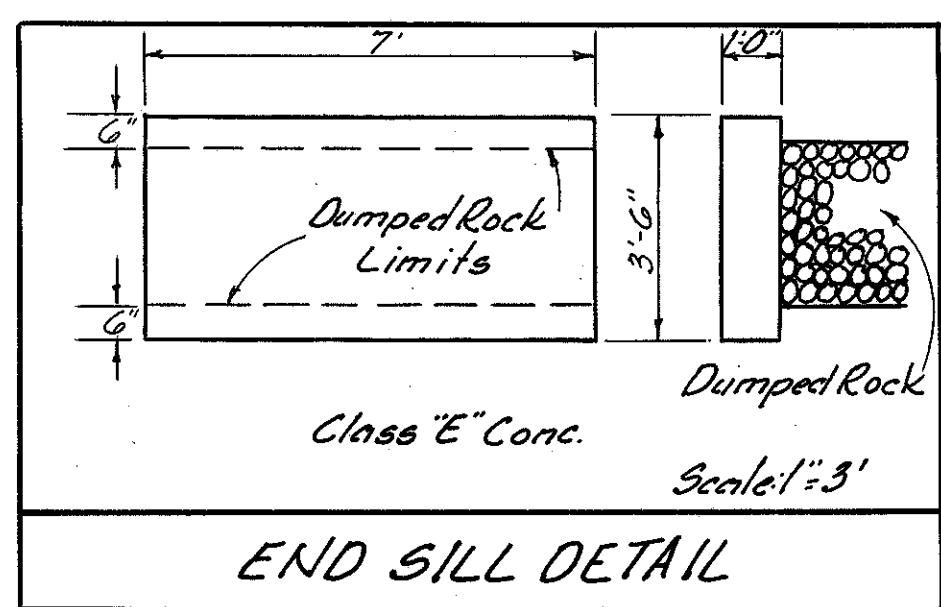
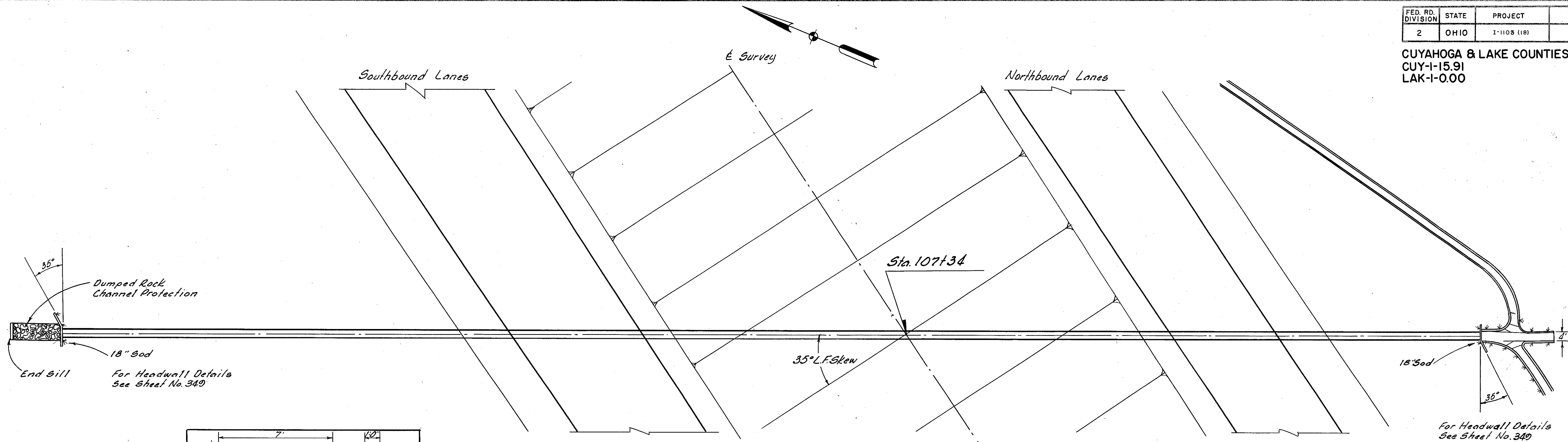


FED. RD. DIVISION	STATE	PROJECT
2	OHIO	I-1103 (18)

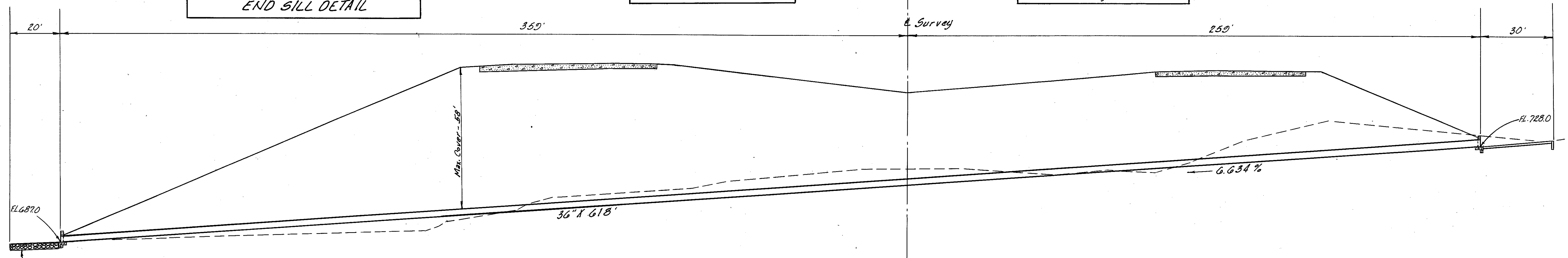
359
158

CUYAHOGA & LAKE COUNTIES
CUY-I-15.91
LAK-I-0.00



Area = 25 Acres
Q50 = 55 C.F.S.

Headwater = 4.05'
Outlet Velocity = 15 F.P.S.



ESTIMATED QUANTITIES

E-2	Excavation for Structures	517	Cu. Yds.
E-3	Channel Excavation	80	Cu. Yds.
S-1	Concrete for Structures Class "C"	13.3	Cu. Yds.
S-1	Concrete for Structures Class "E"	0.9	Cu. Yds.
S-4	Reinforcing Steel	634	Lbs.
S-27	36" Pipe for Roadway Culverts	618	Lin. Ft.
I-14	Paved Gutter Type 1 Modified	30	Lin. Ft.
L-10	Dumped Rock Channel Protection	11	Cu. Yds.
L-10	Sodding	16	Sq. Yds.

CULVERT DATA

TYPE: S-27 Pipe Culvert Sec. M-G.4(d) Ga-8
Type "B1" Headwalls Rt. & Lt.
SIZE: 36" X 618'

CULVERT NO. LAK-I-0203 Scale: 1"=20'

MICHAEL BAKER JR., CONSULTING ENGINEERS
ROCHESTER, PENNSYLVANIA

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
STATE HIGHWAY NO. 1
C-42
CULVERT SECTION
STA. 107+34

Designed	Drawn	Traced	Checked	Reviewed Date	Revised
L.S.I.	L.S.I.	E.R.C. K.L.G.	B.P.		