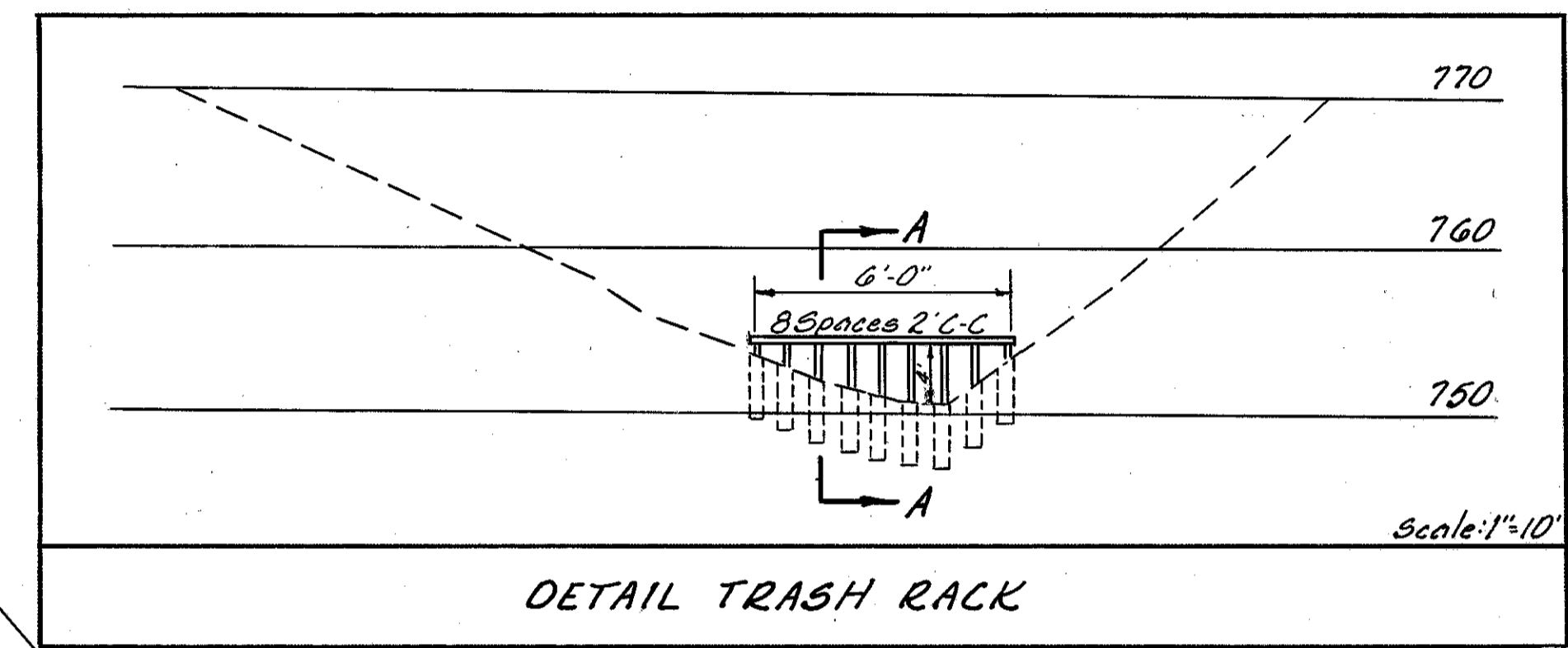
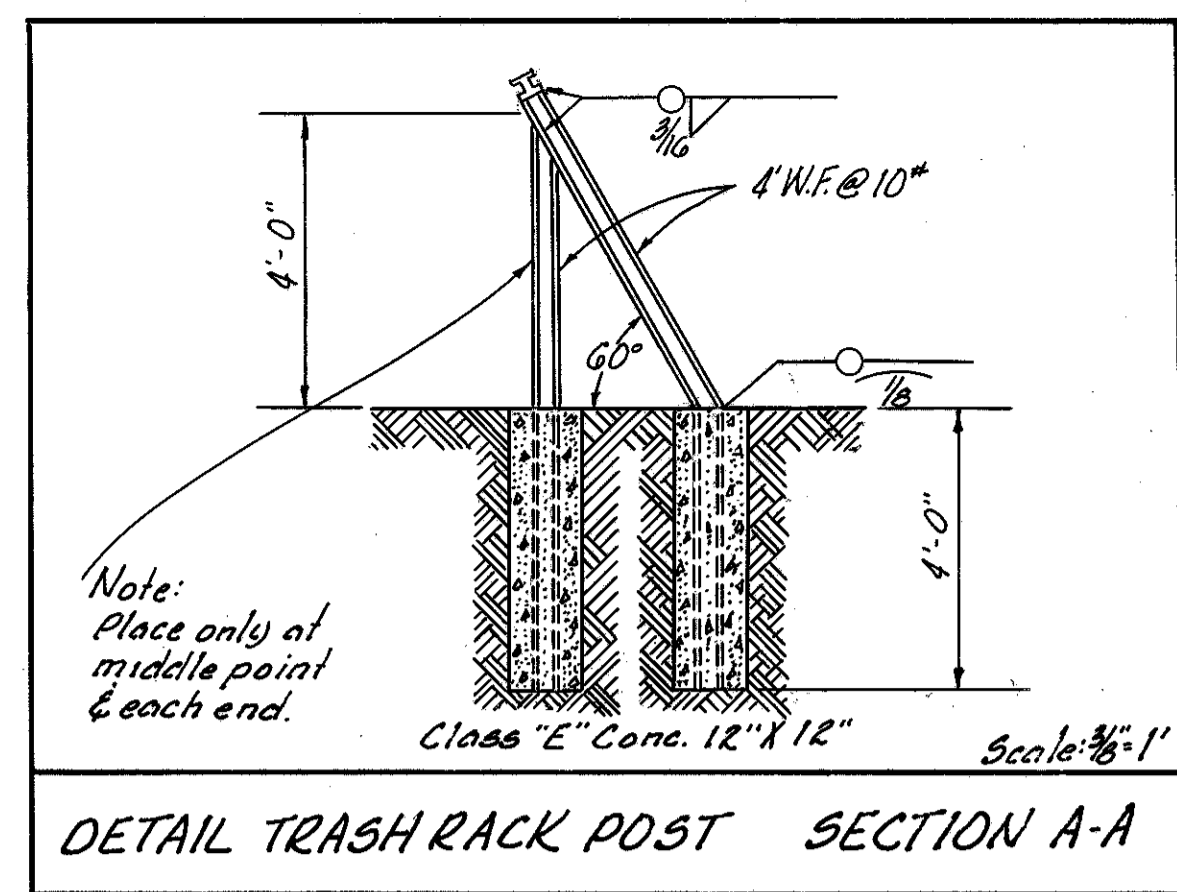
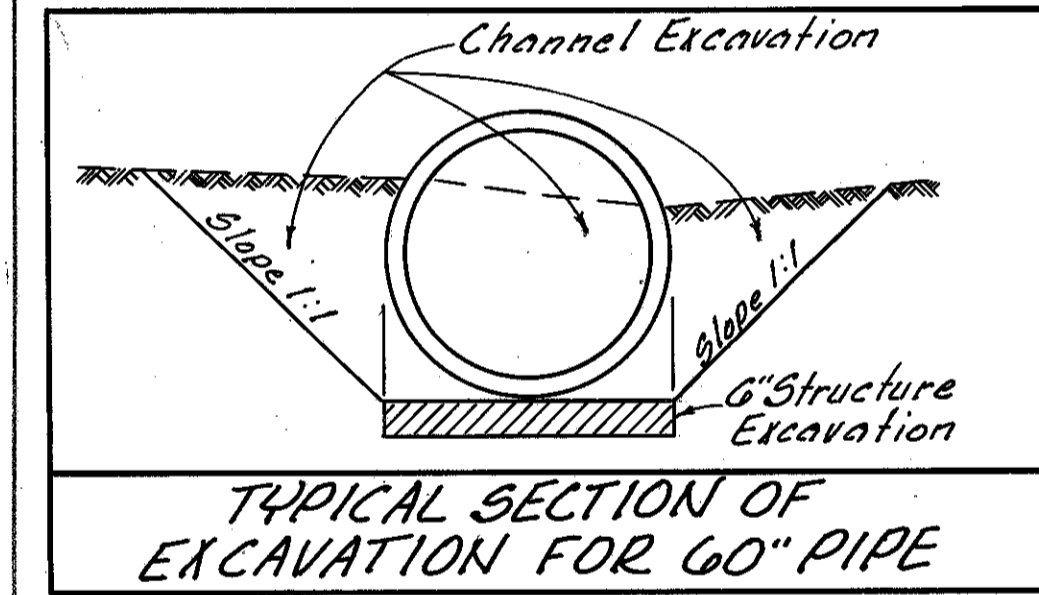
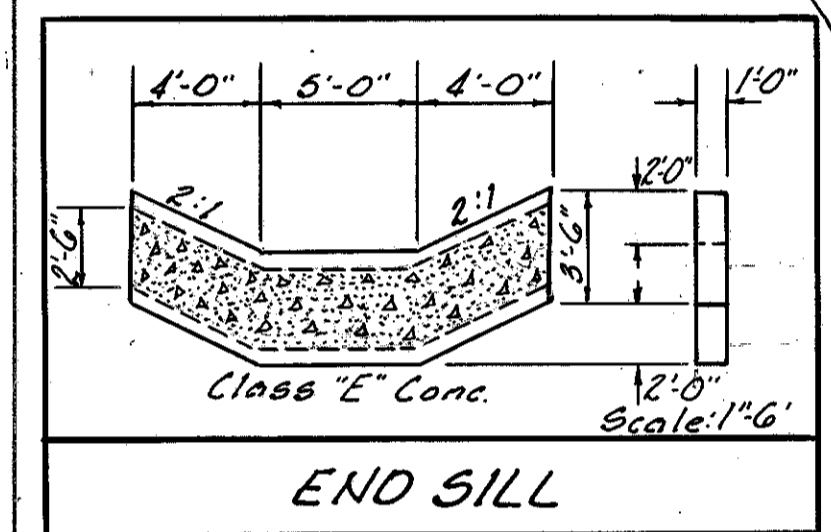
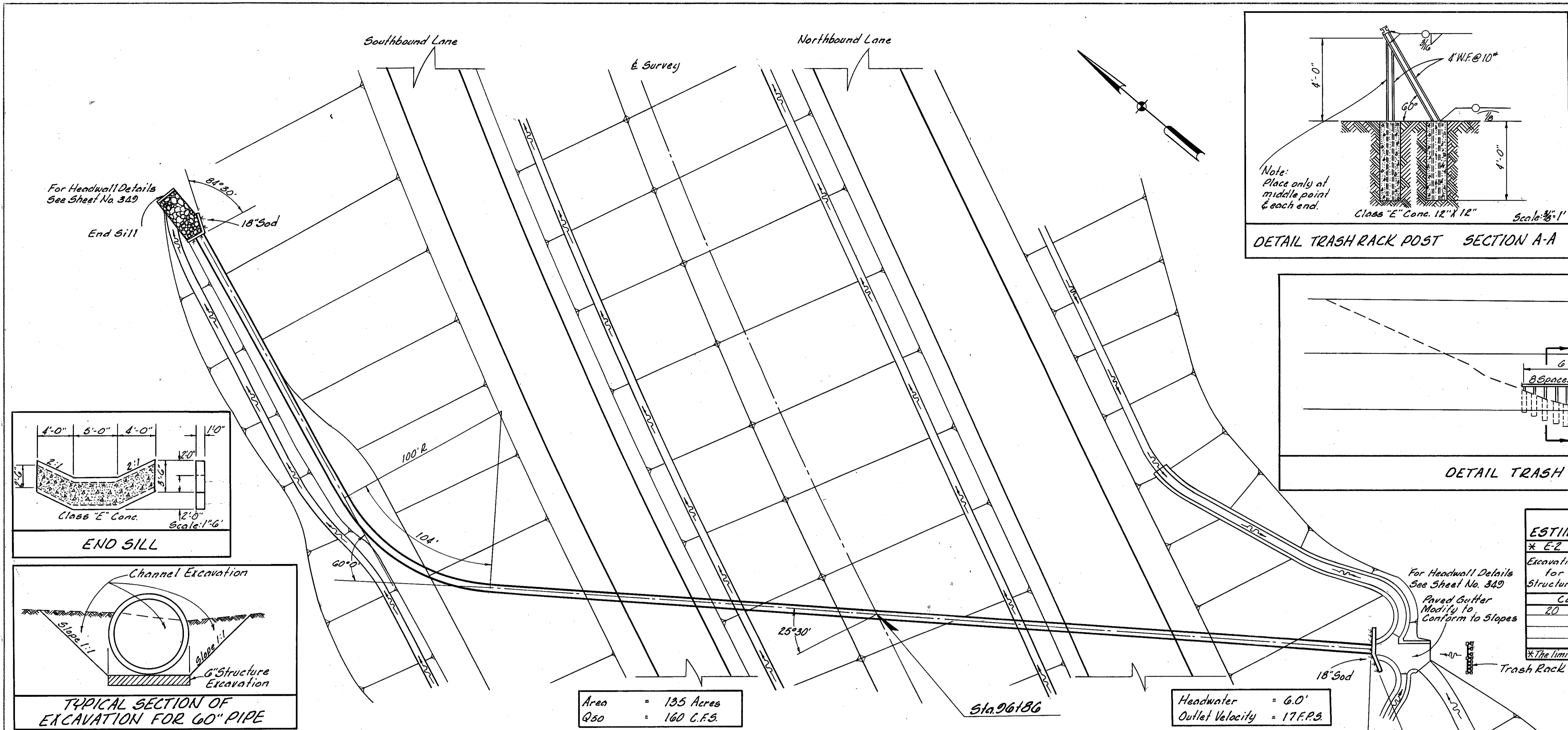


CUYAHOGA & LAKE COUNTIES  
 CUY-1-15.91  
 LAK-1-0.00



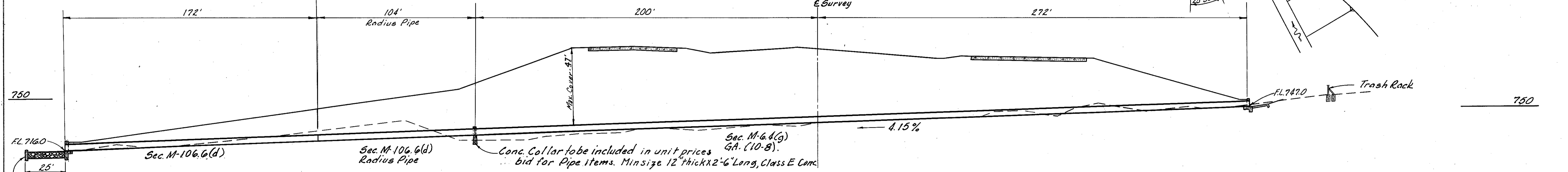
TRASH RACK ESTIMATED QUANTITIES (INCL. BELOW)			
* E-2	S-1	S-7	
Excavation for Structures Class 'E'	Concrete for Structures Class 'E'	Structural Steel	
Cu. Yds.	Lbs.		
20	18	1037	

\*The limits of E-2 shall be the same as the Outside Edges of Conc.



Area = 135 Acres  
 Q<sub>50</sub> = 160 C.F.S.

Headwater = 6.0'  
 Outlet Velocity = 17 F.P.S.



ESTIMATED QUANTITIES		
S-7	Structural Steel	1,097 Lbs.
E-3	Channel Excavation	1,075 Cu. Yds.
E-2	Excavation for Structures	112 Cu. Yds.
S-1	Concrete for Structures Class 'C'	429 Cu. Yds.
S-4	Reinforcing Steel	1,786 Lbs.
S-27	60 inch Pipe for Roadway Culverts	172 Lin. Ft.
L-10	Sodding	10 Sq. Yds.
S-27	60 inch Radius Pipe for Roadway Culverts	104 Lin. Ft.
S-28	Sectional Corrugated Metal Structure (Ga-10-B)	472 Lin. Ft.
I-10	Dumped Rock Channel Protection	30 Cu. Yds.
S-1	Concrete for Structures Class 'E'	35 Cu. Yds.
I-14	Paved Gutter Type I Modified	30 Lin. Ft.

CULVERT DATA		
TYPE:	S-27	Pipe Culvert Sec. M-106.6(d)
	S-28	Sectional Corrugated Metal Structure (Ga-10-B) Sec. M-6.4(c)
SIZE:	60 inch X 172'	S-27
	60 inch X 104'	S-28
	60 inch X 104'	S-27 Radius Pipe
	TYPE 'BI' HEADWALLS	

CULVERT NO. LAK-1-0183 Scale: 1 inch = 30 feet

MICHAEL BAKER JR., CONSULTING ENGINEERS  
 ROCHESTER, PENNSYLVANIA

STATE OF OHIO  
 DEPARTMENT OF HIGHWAYS  
 STATE HIGHWAY NO. 1  
 C-42  
 CULVERT SECTION  
 STA. 96+86

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