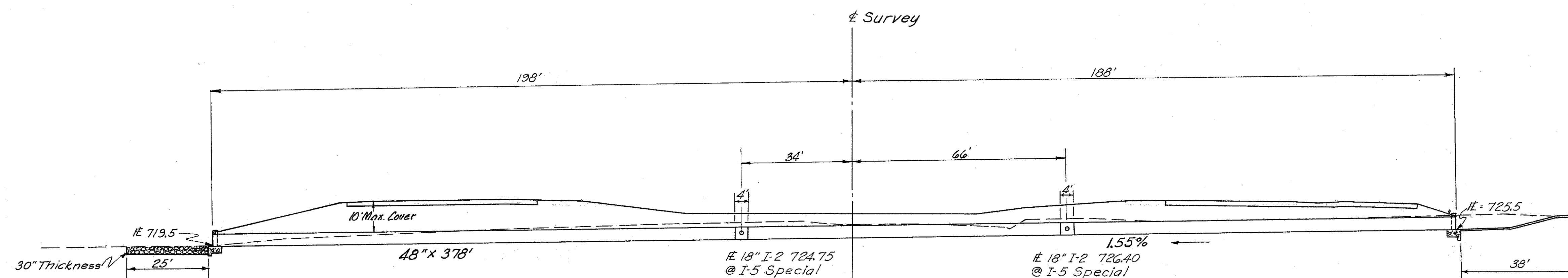


Drainage Area = 77 Acres  
Q<sub>50</sub> = 109 C.F.S.

Headwater = 6.0'  
Outlet Velocity = 14 F.P.S.



**ESTIMATED QUANTITIES**

E-2	Excavation For Structures	470	Cu. Yds.
E-3	Channel Excavation	5	Cu. Yds.
S-1	Concrete For Structures Class "C"	30	Cu. Yds.
S-4	Reinforcing Steel	1,198	Lbs.
S-27	48" Pipe For Roadway Culvert.	378	Lin. Ft.
L-10	Sodding	21	Sq. Yds.
I-5	18" x 48" Pipe Special (Tee)	2	Each
I-10	Dumped Rock Channel Protection	18	Cu. Yds.
I-14	Paved Gutter Type I Modified 4' F.B.	59	Lin. Ft.

**CULVERT DATA**  
TYPE: Pipe Culvert S-27 M.G.G.(b) Type "C" Hd'w's  
SIZE: 48" x 378'

Scale 1" = 20'

CULVERT NO. LAK-1-0683

MICHAEL BAKER, JR., CONSULTING ENGINEERS  
ROCHESTER, PENNSYLVANIA

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS  
STATE HIGHWAY NO. 1  
C-44  
CULVERT SECTION:  
STA. 367+91

Designed	Drawn	Traced	Checked	Reviewed Date	Revised
L.I.	M.M.	J.P.C.	E.H.		