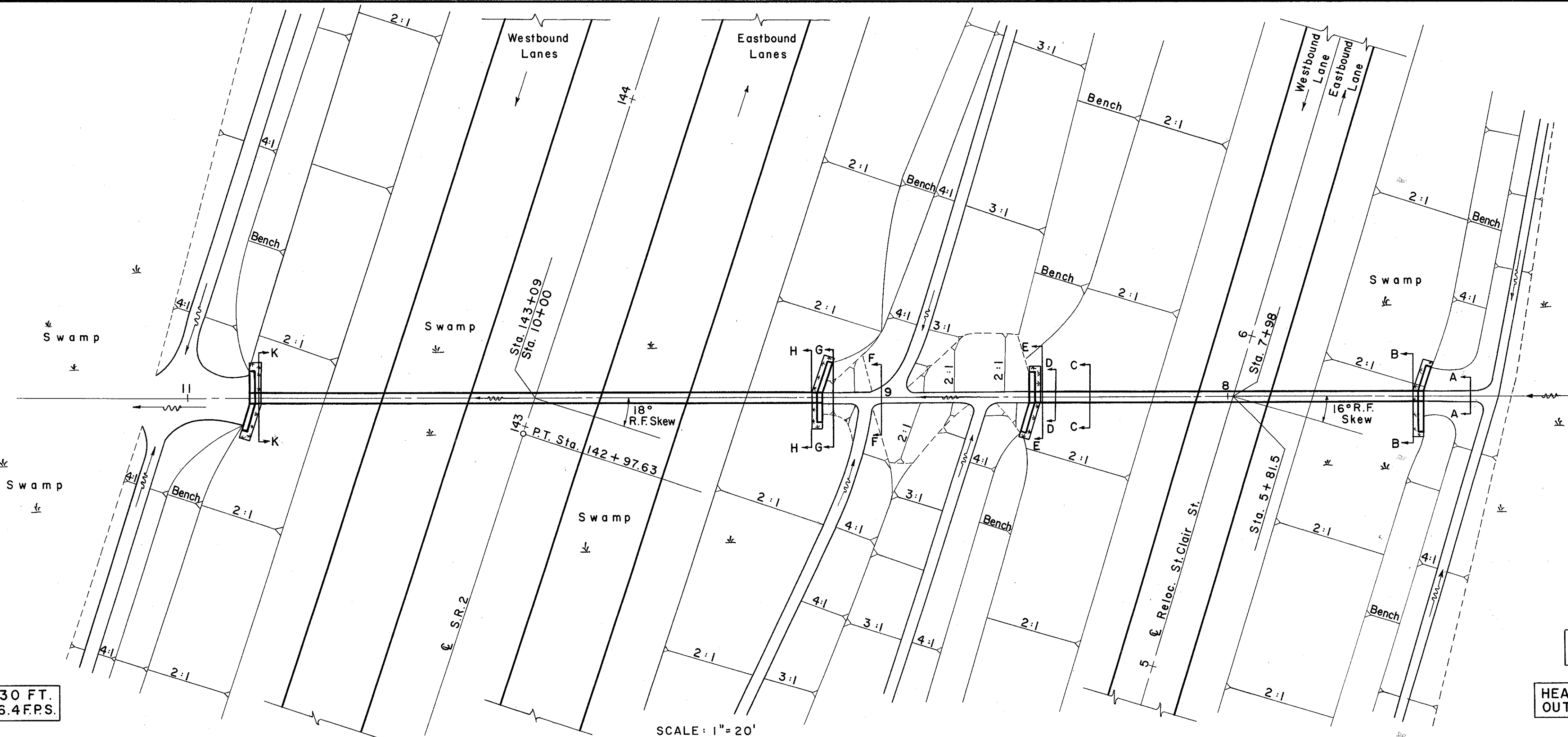
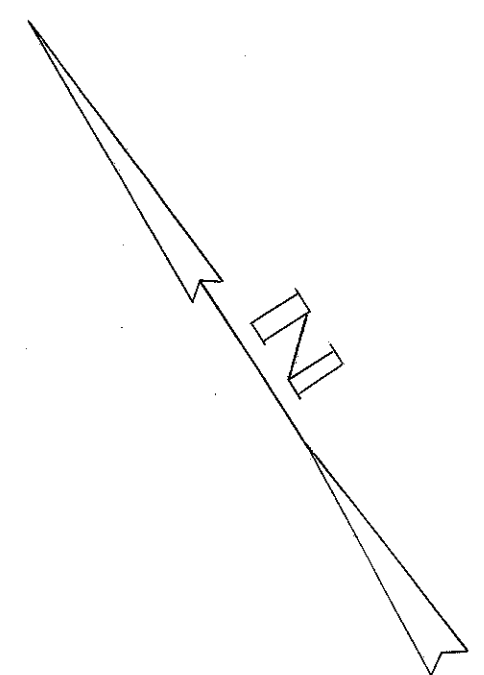


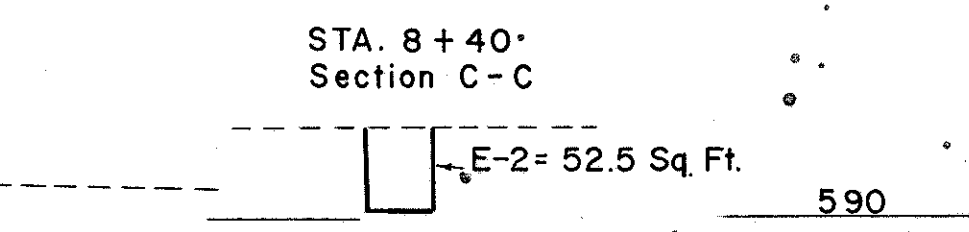
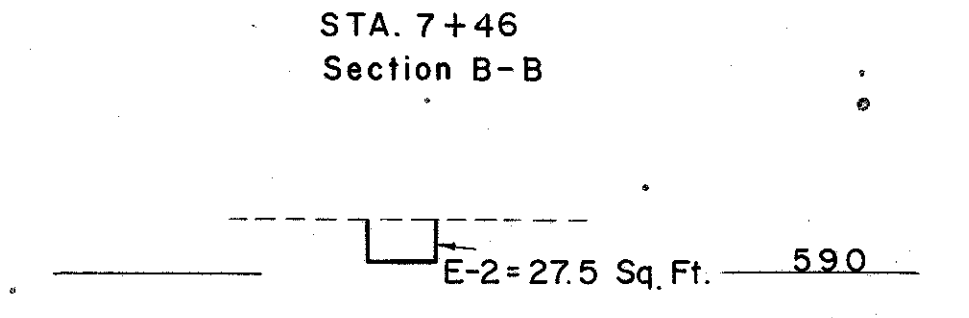
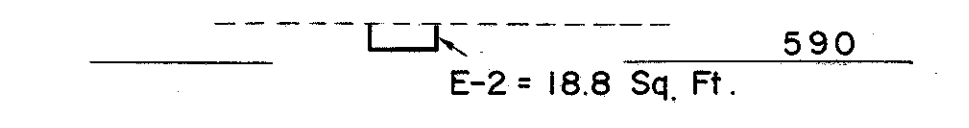
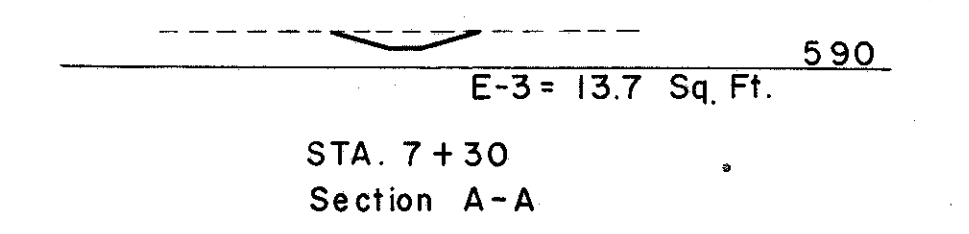
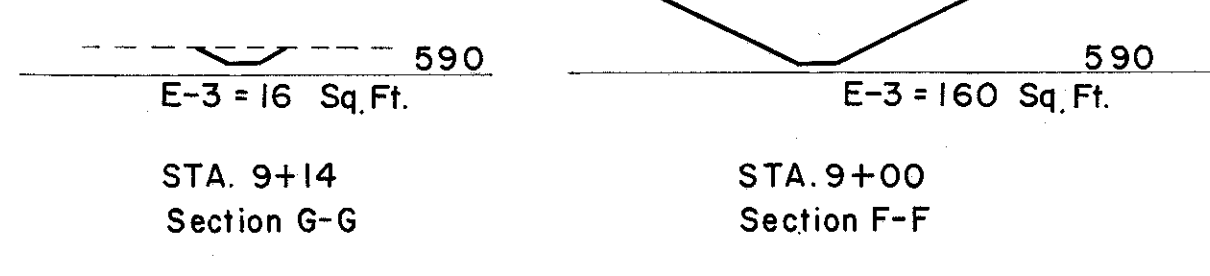
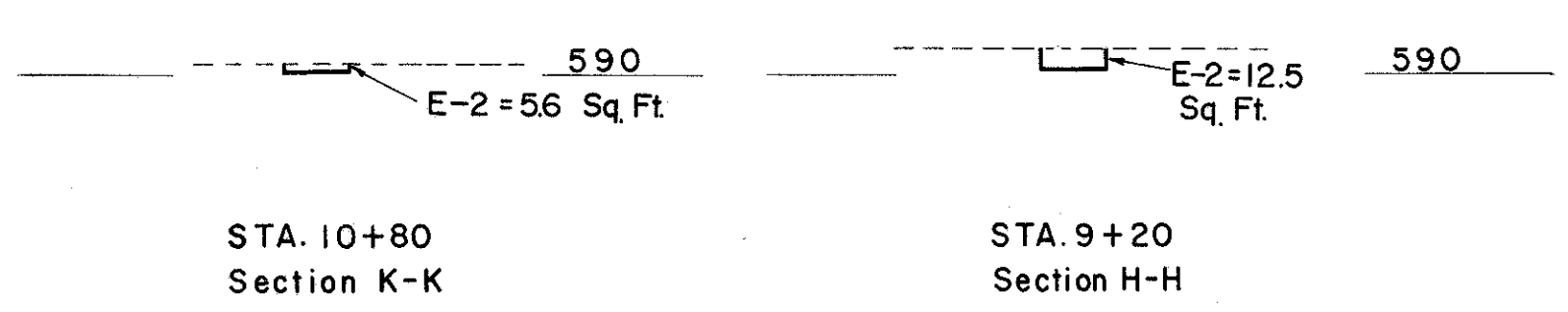
LAKE COUNTY  
LAK-2-4.42



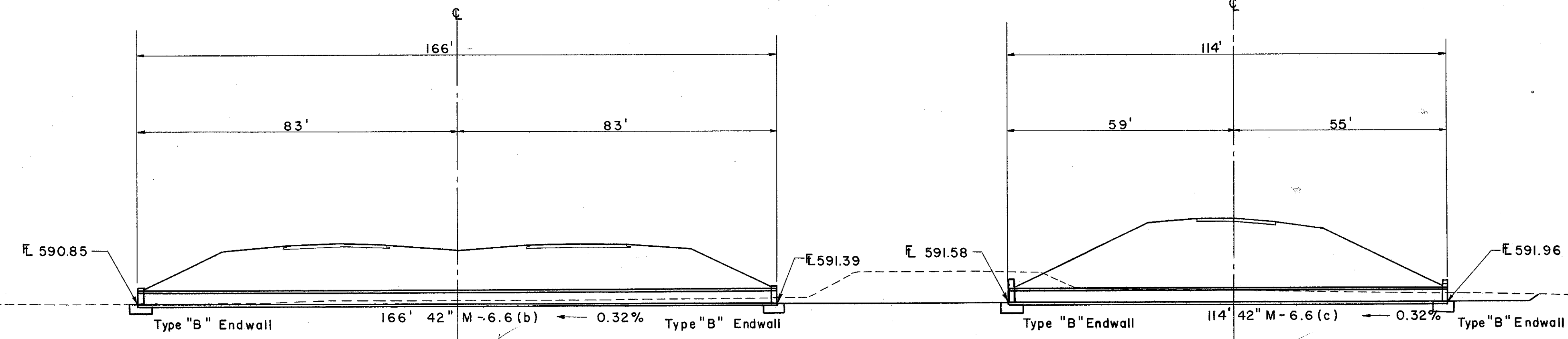
S.R. 2  
 AREA = 72 ACRES  
 Q<sub>25</sub> = 45 C.F.S.  
 HEADWATER = 3.30 FT.  
 OUTLET VELOCITY = 6.4 F.P.S.

ST. CLAIR ST.  
 AREA = 67 ACRES  
 Q<sub>25</sub> = 44 C.F.S.  
 HEADWATER = 3.48 FT.  
 OUTLET VELOCITY = 6.4 F.P.S.

SCALE: 1" = 20'



NOTE:  
 Unstable Foundation Material is anticipated in this area. Additional Excavation and Backfill will be performed in accordance with Sec. E-2.06 and E-2.08 as required by the Engineer.



ESTIMATED QUANTITIES

M STA. 143+09		
* E-2	Excavation For Structures	88 C.Y.
E-3	Channel Excavation	37 C.Y.
S-1	Concrete For Structures Class "c"	276 C.Y.
S-4	Reinforcing Steel	1,137 LBS.
S-27	42" Pipe for Roadway Culverts Sec.M-6.6(b)	166 L.F.
L-10	Sodding	8 S.Y.
* E-2	Includes Excavation for Headwalls	

CULVERT DATA

TYPE: S-27 Sec. M-6.6 (b)  
 SIZE: 42" X 166'  
 WORK REQ'D.: Excavate For And Place a Pipe  
 Culvert With Type "B" Endwalls, And Place Sodding Rt. & Lt. As Shown.

NOTE: For Details And Quantities Of Headwalls See Sheet No. 227

ESTIMATED QUANTITIES

ST. CLAIR ST. PIPE CULVERT

* E-2	Excavation For Structures	180 C.Y.
E-3	Channel Excavation	244 C.Y.
S-1	Concrete For Structures Class "C"	28.8 C.Y.
S-4	Reinforcing Steel	1,236 LBS.
S-27	42" Pipe for Roadway Culverts Sec. M-6.6 (c)	114 L.F.
L-10	Sodding	8 S.Y.
* E-2	Includes Excavation for Headwalls	

CULVERT DATA

TYPE: S-27 Sec. M-6.6 (c)  
 SIZE: 42" X 114'  
 WORK REQ'D.: Excavate For And Place a Pipe  
 Culvert With Type "B" Endwalls, And Place Sodding Rt. & Lt. As Shown.

NOTE: For Details And Quantities Of Headwalls See Sheet No. 227