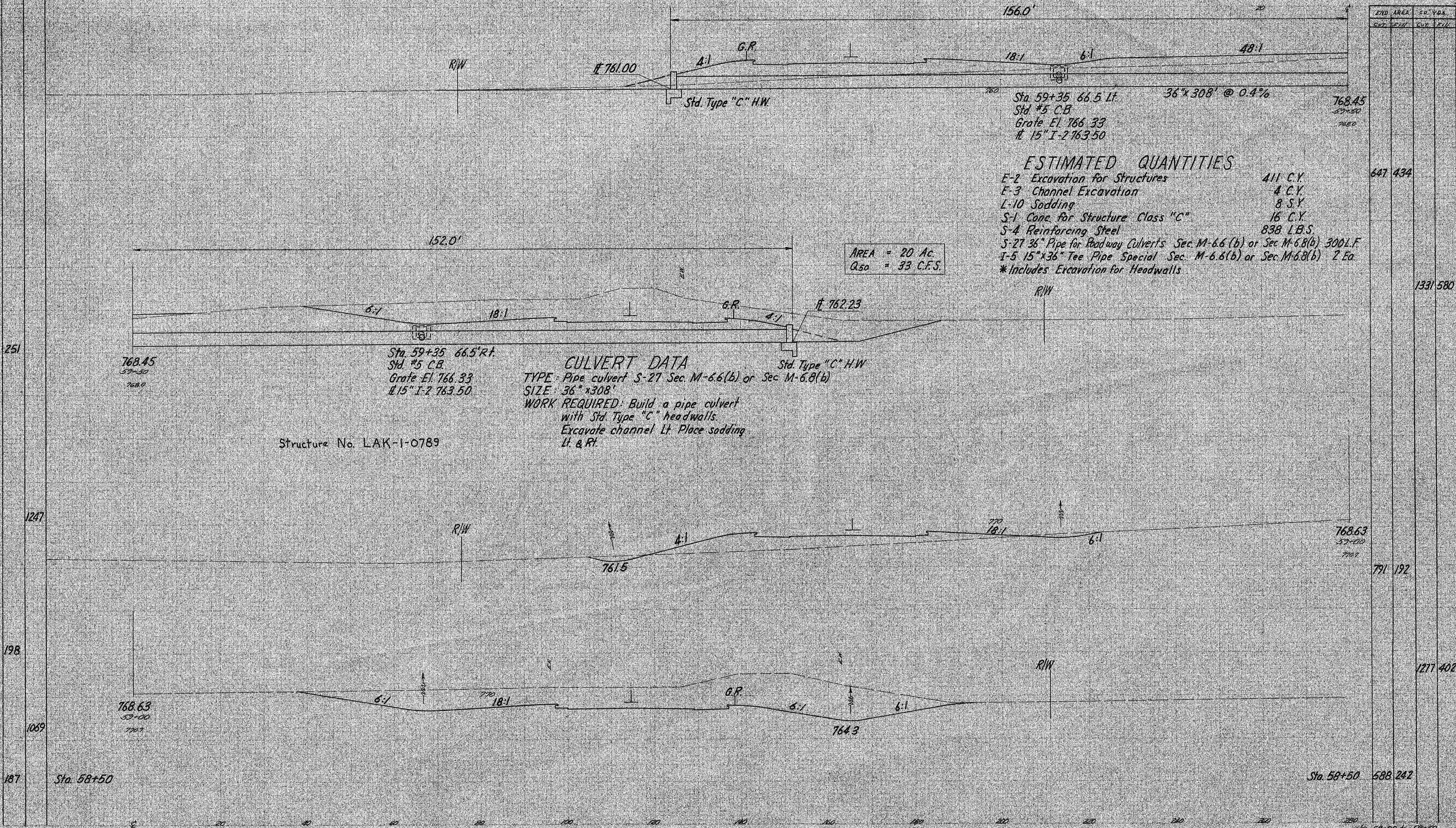


Headwater = 3.06 Ft.
Outlet Velocity = 6.7 FPS.



Sta. 59+35 66.5 Lt. 36"x 308" @ 0.4%
 Std #5 C.B.
 Grate El 766.33
 # 15" I-2 763.50

ESTIMATED QUANTITIES

E-2 Excavation for Structures	411 C.Y.	647	434
E-3 Channel Excavation	4 C.Y.		
L-10 Sodding	8 S.Y.		
S-1 Cone for Structure Class "C"	16 C.Y.		
S-4 Reinforcing Steel	838 LBS.		
S-27 36" Pipe for Roadway Culverts Sec. M-6.6(b) or Sec. M-6.8(b)	300 L.F.		
I-5 15"x36" Tee Pipe Special Sec. M-6.6(b) or Sec. M-6.8(b)	2 Ea.		

*Includes Excavation for Headwalls

AREA = 20 Ac.
 Q₅₀ = 33 C.F.S.

CULVERT DATA
 TYPE: Pipe culvert S-27 Sec. M-6.6(b) or Sec. M-6.8(b)
 SIZE: 36" x 308"
 WORK REQUIRED: Build a pipe culvert with Std. Type "C" headwalls. Excavate channel Lt. Place sodding Lt. & Rt.

Structure No. LAK-I-0789

STATION	CUT	FILL	TOTAL
59+50	768.45	768.45	1527.90
59+00	768.45	768.45	1527.90
58+50	768.63	768.63	1537.26
58+00	768.63	768.63	1537.26
57+50	768.63	768.63	1537.26
57+00	768.63	768.63	1537.26
56+50	768.63	768.63	1537.26
56+00	768.63	768.63	1537.26
55+50	768.63	768.63	1537.26
55+00	768.63	768.63	1537.26
54+50	768.63	768.63	1537.26
54+00	768.63	768.63	1537.26
53+50	768.63	768.63	1537.26
53+00	768.63	768.63	1537.26
52+50	768.63	768.63	1537.26
52+00	768.63	768.63	1537.26
51+50	768.63	768.63	1537.26
51+00	768.63	768.63	1537.26
50+50	768.63	768.63	1537.26
50+00	768.63	768.63	1537.26
49+50	768.63	768.63	1537.26
49+00	768.63	768.63	1537.26
48+50	768.63	768.63	1537.26
48+00	768.63	768.63	1537.26
47+50	768.63	768.63	1537.26
47+00	768.63	768.63	1537.26
46+50	768.63	768.63	1537.26
46+00	768.63	768.63	1537.26
45+50	768.63	768.63	1537.26
45+00	768.63	768.63	1537.26
44+50	768.63	768.63	1537.26
44+00	768.63	768.63	1537.26
43+50	768.63	768.63	1537.26
43+00	768.63	768.63	1537.26
42+50	768.63	768.63	1537.26
42+00	768.63	768.63	1537.26
41+50	768.63	768.63	1537.26
41+00	768.63	768.63	1537.26
40+50	768.63	768.63	1537.26
40+00	768.63	768.63	1537.26
39+50	768.63	768.63	1537.26
39+00	768.63	768.63	1537.26
38+50	768.63	768.63	1537.26
38+00	768.63	768.63	1537.26
37+50	768.63	768.63	1537.26
37+00	768.63	768.63	1537.26
36+50	768.63	768.63	1537.26
36+00	768.63	768.63	1537.26
35+50	768.63	768.63	1537.26
35+00	768.63	768.63	1537.26
34+50	768.63	768.63	1537.26
34+00	768.63	768.63	1537.26
33+50	768.63	768.63	1537.26
33+00	768.63	768.63	1537.26
32+50	768.63	768.63	1537.26
32+00	768.63	768.63	1537.26
31+50	768.63	768.63	1537.26
31+00	768.63	768.63	1537.26
30+50	768.63	768.63	1537.26
30+00	768.63	768.63	1537.26
29+50	768.63	768.63	1537.26
29+00	768.63	768.63	1537.26
28+50	768.63	768.63	1537.26
28+00	768.63	768.63	1537.26
27+50	768.63	768.63	1537.26
27+00	768.63	768.63	1537.26
26+50	768.63	768.63	1537.26
26+00	768.63	768.63	1537.26
25+50	768.63	768.63	1537.26
25+00	768.63	768.63	1537.26
24+50	768.63	768.63	1537.26
24+00	768.63	768.63	1537.26
23+50	768.63	768.63	1537.26
23+00	768.63	768.63	1537.26
22+50	768.63	768.63	1537.26
22+00	768.63	768.63	1537.26
21+50	768.63	768.63	1537.26
21+00	768.63	768.63	1537.26
20+50	768.63	768.63	1537.26
20+00	768.63	768.63	1537.26