FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

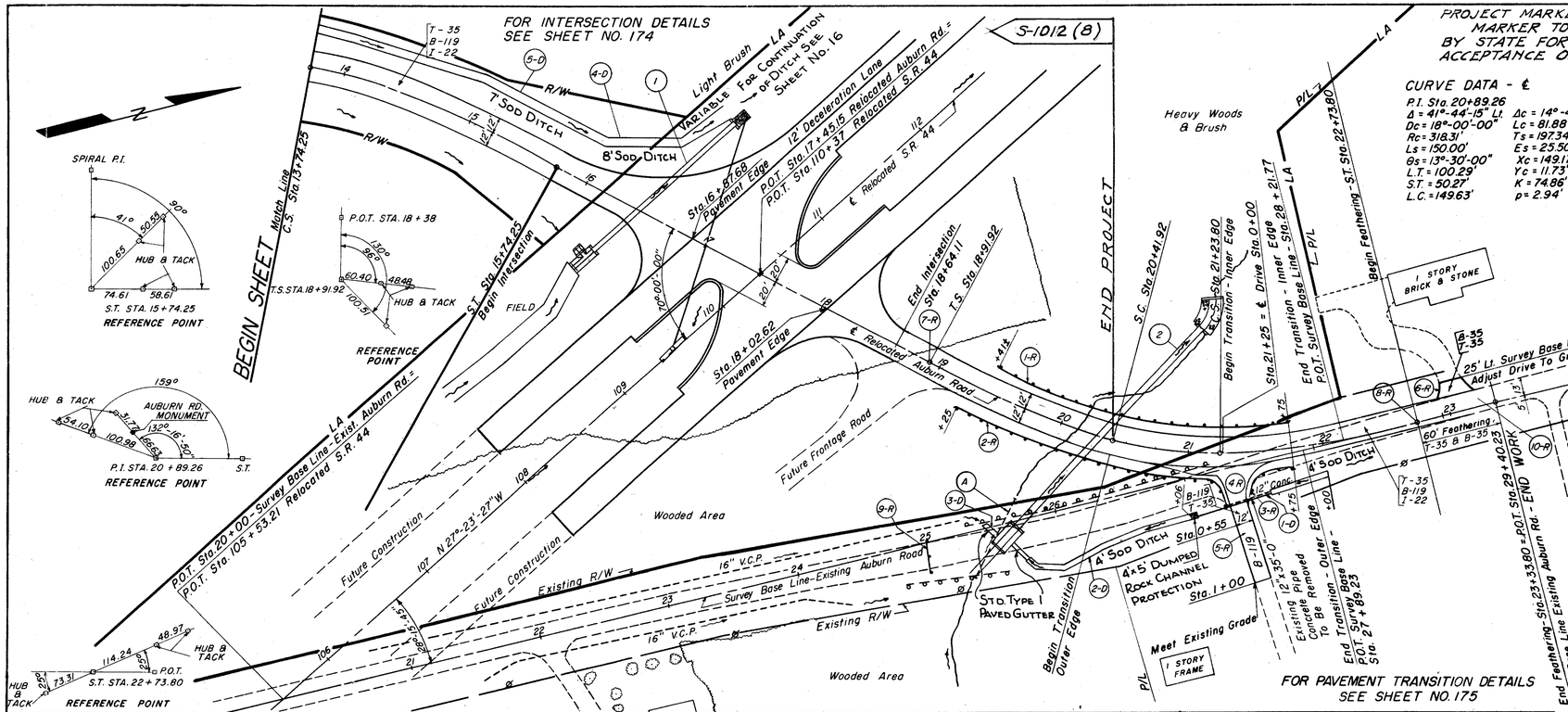
LAKE COUNTY
LAK-44-1.70

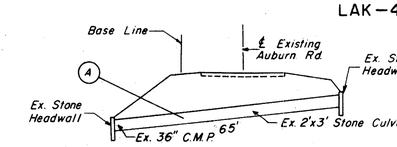
167
228

S-1012 (8)

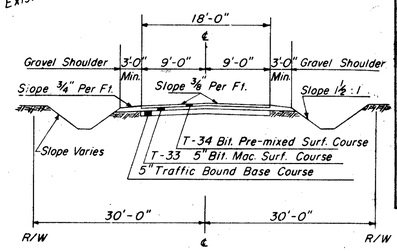
PROJECT MARKER:
MARKER TO BE FURNISHED AND ERECTED BY STATE FORCES ON LEFT SIDE BEFORE ACCEPTANCE OF THE PROJECT.

CURVE DATA - ℄
P.I. Sta. 20+89.26
Δ = 41°-44'-15" Lt.
Dc = 18°-00'-00"
Rc = 318.31'
Ls = 150.00'
θs = 13°-30'-00"
L.T. = 100.29'
S.T. = 50.27'
L.C. = 149.63'
Δc = 14°-44'-15"
Lc = 81.88'
Ts = 197.34'
Es = 25.50'
Xc = 149.17'
Yc = 11.73'
K = 74.86'
p = 2.94'





SECTION
S-24 Removal Of Ex. Structure
Ex. Auburn Rd. Base Line Sta. 25+47



EXISTING AUBURN ROAD

DRAINAGE QUANTITIES
RELOCATED AUBURN RD.-PROJ. S-1012 (8)

REFERENCE NO.	STATION TO STATION	SIDE	SODDING Sq.Yd.	SIDE Lf.	TOTAL
5-D	13+74.25 to 15+74.25		160		160
1-D	15+74.25 to 16+87.68				
2-D	16+87.68 to 18+02.62				
3-D	18+02.62 to 18+91.92				
4-D	18+91.92 to 20+00				
A	20+00 to 20+41.92				
1	20+41.92 to 21+23.80				
2	21+23.80 to 22+73.80				

REFERENCE NO.	STATION TO STATION	SIDE	E-2 EXCAVATION FOR STRUCTURES CU.YD.	E-3 CHANNEL EXCAVATION CU.YD.	E-12 12" PIPE REMOVED L.F.	F-1 12"PIPE FOR DRIVEWAY SEC. M-6.4(A) L.F.	F-10 ELP ERP TYPE "A" SQ.YD.	F-10 DUMPED ROCK CHANNEL PROTECTION CU.YD.	F-10 SIDE PAVED GUTTER L.F.	F-10 SODDING SQ.YD.	S-1 CONCRETE FOR STRUCTURES CLASS "E" CU.YD.	S-24 REMOVAL OF EXISTING STRUCTURES LUMP	S-27 27"PIPE FOR ROADWAY CULVERT SEC. M-6.6(B) L.F.	S-28 60" PIPE FOR ROADWAY CULVERT SEC. M-6.4(E) L.F.	TOTAL
1-D	21+05 to 22+00	RT.			35	63									206
2-D	19+90 to 21+05	RT.						2.2	16	683					
3-D	19+75 to 19+85	RT.							11	37					
4-D	13+74.25 to 16+70	LT.								129		LUMP			
A	25+47 AUBURN RD. ℄	LT. & RT.	130				23.1	7.8		6.8	0.9		144		
1	16+44 SL. M-1.1 MILES	LT. & RT.	175	505			31	41.3		41.7	10.0			206	
2	20+29 SL. M-1.17 MILES	LT. & RT.													
		TOTAL	305	505	35	63	54.1	51.3	27	232.5	10.9	LUMP	144	206	

ROADWAY & PAVEMENT QUANTITIES
PROJECT S-1012 (8)

REFERENCE NO. OF STRUCTURE	STATION TO STATION	SIDE	B-35 ASPHALTIC CONCRETE LEVELING COURSE CU.YD.	B-119 CRUSHED AGGREGATE BASE COURSE CU.YD.	I-15 MONUMENT ASSEMBLIES EACH	I-15 GUARD RAIL STEEL BEAM TYPE (GEEP) L.F.	T-35 ASPHALTIC CONCRETE SURFACE COURSE TYPE A (70-28) CU.FT.	
1-R	19+41 to 21+75	LT.						
2-R	19+25 TO 0+39 (ABVE)	RT.				225		
3-R	0+34 (ABVE) to 21+75	RT.				237.5		
4-R	21+25 (ABVE) to 21+75	RT.		18.4		37.5	4.5	
5-R	DUSTPAN (TO +00 (ABVE)	RT. & LT.		12.2			1.3	
6-R	0+00 to 23+91.92	LT.	1.5		1		1.7	
7-R	23+91.92 to 22+73.80	℄			1			
8-R	22+73.80 to 23+33.80	℄				25		
9-R	23+00 AUBURN RD. ℄	RT.					5	
10-R	22+73.80 TO 23+33.80	RT. & LT.	6.7					
	TOTAL		8.2	25.6	2	525	12.5	

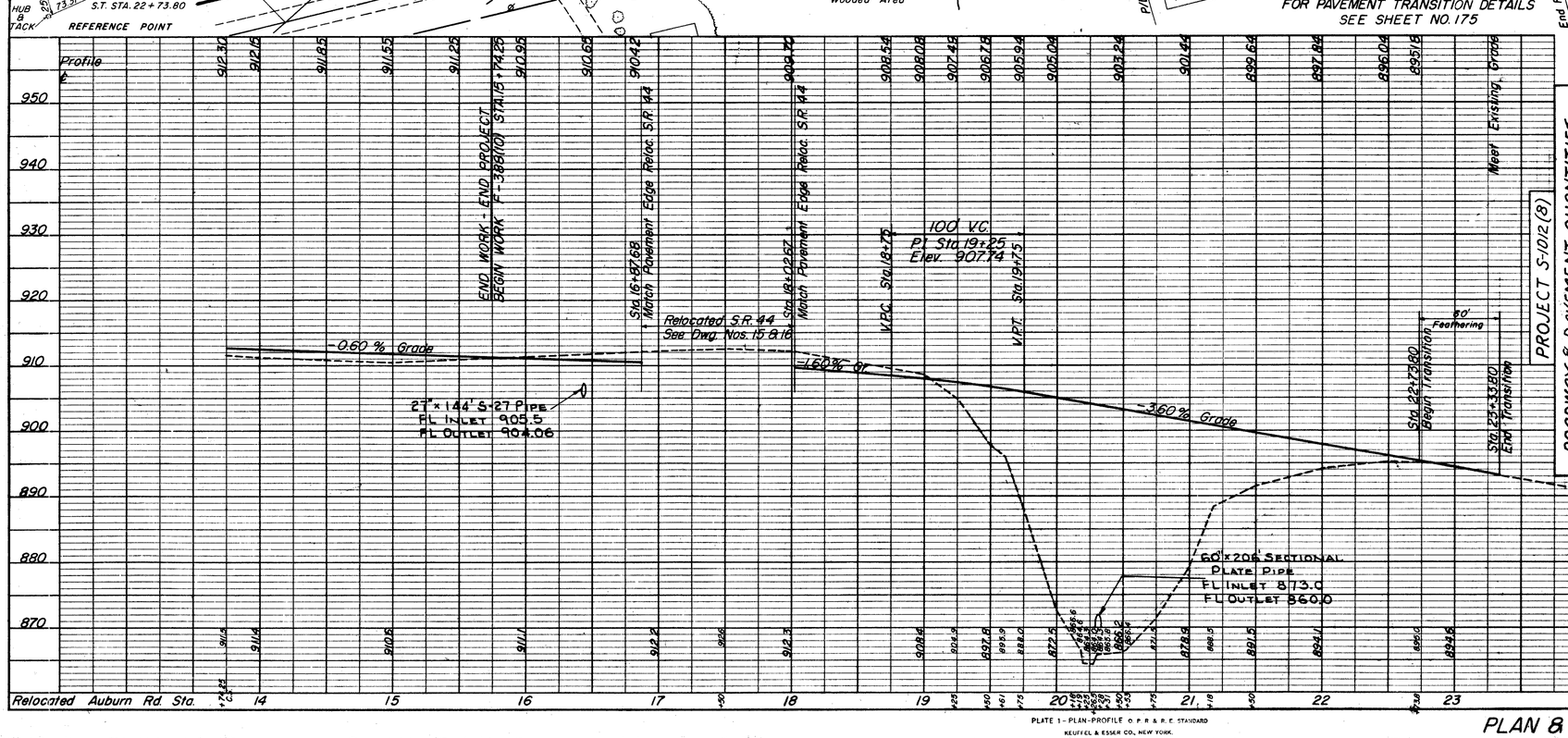


PLATE 1 - PLAN-PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

PLAN & PROFILE AUBURN ROAD STA. 13+74.25 TO STA. 26+00

SH. 176
SH. 177