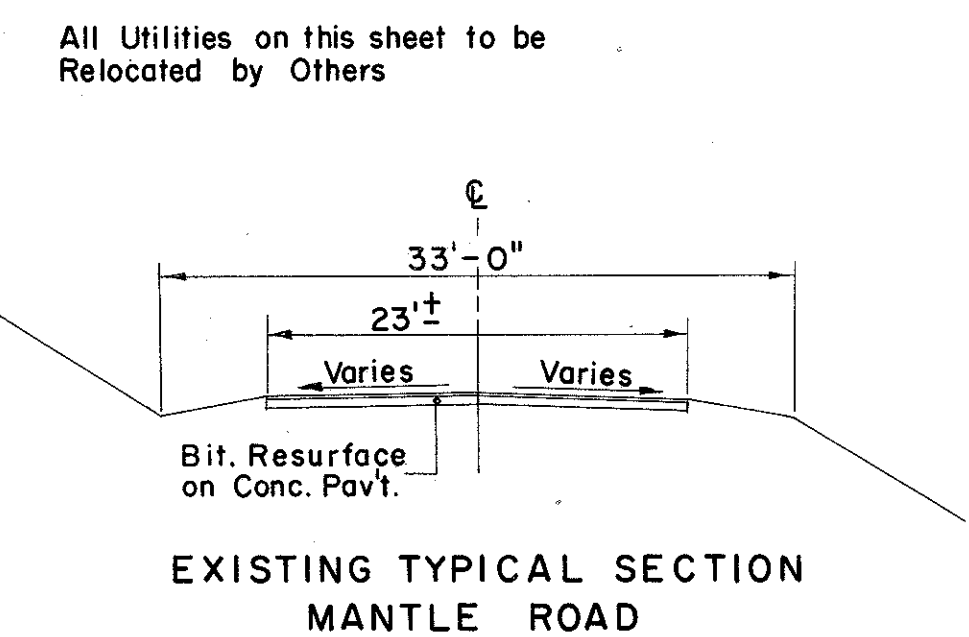


LAKE COUNTY
LAK-2-16.49

FOR INTERSECTION DETAILS
MANTLE ROAD AT U.S. 20
SEE SHEET 135
MANTLE ROAD AND MANTLE ROAD SPUR
SEE SHEET 148



(D) DRAINAGE

REF. NO.	STATION	SIDE	I-1	I-2	I-8	I-10	I-16	I-9	I-1	I-8
			18" PIPE CLASS J-1 Sec. M-6.6 (c)	MASONRY	STD. #2 M.H. WITHOUT DROP PIPE	DUMPED ROCK FOR CHANNEL PROTECT.	ABANDONED INLET M.H.	STONE UNDER DRAINS NO. 2	12" PIPE CLASS E-1	STD. #6 C.B.
			L.F.	C.Y.	EA.	C.Y.	EA.	L.F.	L.F.	EA.
1-D	26+30	Rt-Lt	12.6	0.30	1				6	1
2-D	28+10	Rt.				12.0				
3-D	27+75	Lt.								
4-D	25+00	40+00						640		
TOTAL			126	0.30	1	12.0	1	640	6	1

(R) ROADWAY

REF. NO.	STATION	SIDE	E-1	I-15	L-10	E-8	
			COMP. SUBGRADE	GUARD RAIL STEEL BEAM STD. TYPE (DEEP)	SODDING FOR SPECIAL BERM & SLOPE PROTECT.	SODDING	REMOVAL & DISPOSAL OF EXISTING PAVEMENT
			S.Y.	L.F.	S.Y.	S.Y.	
1-R	28+37	29+78	Lt.				
2-R	28+87	29+87	Rt.	162.5			
3-R	32+35	33+46	Lt.	100.0			
4-R	32+47	33+97	Rt.	112.5			
5-R	32+60	33+25	Rt.	150.0			
6-R	25+15	28+15	Lt.			43	
7-R	25+00	40+00		325.0			
8-R	25+00	40+00	3695			3.5	
9-R	25+10	27+17	Lt.				
10-R	26+10	27+19	Rt.		218		
11-R	32+35		Lt.		170		
12-R	32+48		Rt.			82	
13-R	25+00	33+60	Lt.			61	
TOTAL			3695	850.0	388	143	46.5

(P) PAVEMENT

REF. NO.	STATION	SIDE	B-19	B-35	I-7	I-12	I-18	Spec 122	T-30	T-35		
			AGGR. BASE COURSE	ASPH. CONC. LEVEL COURSE	ASPH. CONC. BASE COURSE	REINF. CONC. APPR. SLAB T=13"	CONC. CURB TYPE 6	STAB. CRUSHED AGGR. SHLDRS & APPR.	Furnishing & Placing of Concrete Subbase	BIT. PRIME COAT	ASPH. CONC. SURFACE COURSE TYPE A	
			C.Y.	C.Y.	S.Y.	L.F.	C.Y.	Tons	C.Y.	GAL.	C.Y.	
1-P	25+00	40+00	808	122	298	184	231	147	0.46	438	1451	122
2-P	STRUCTURE											
TOTAL			808	122	298	184	231	147	0.46	438	1451	122

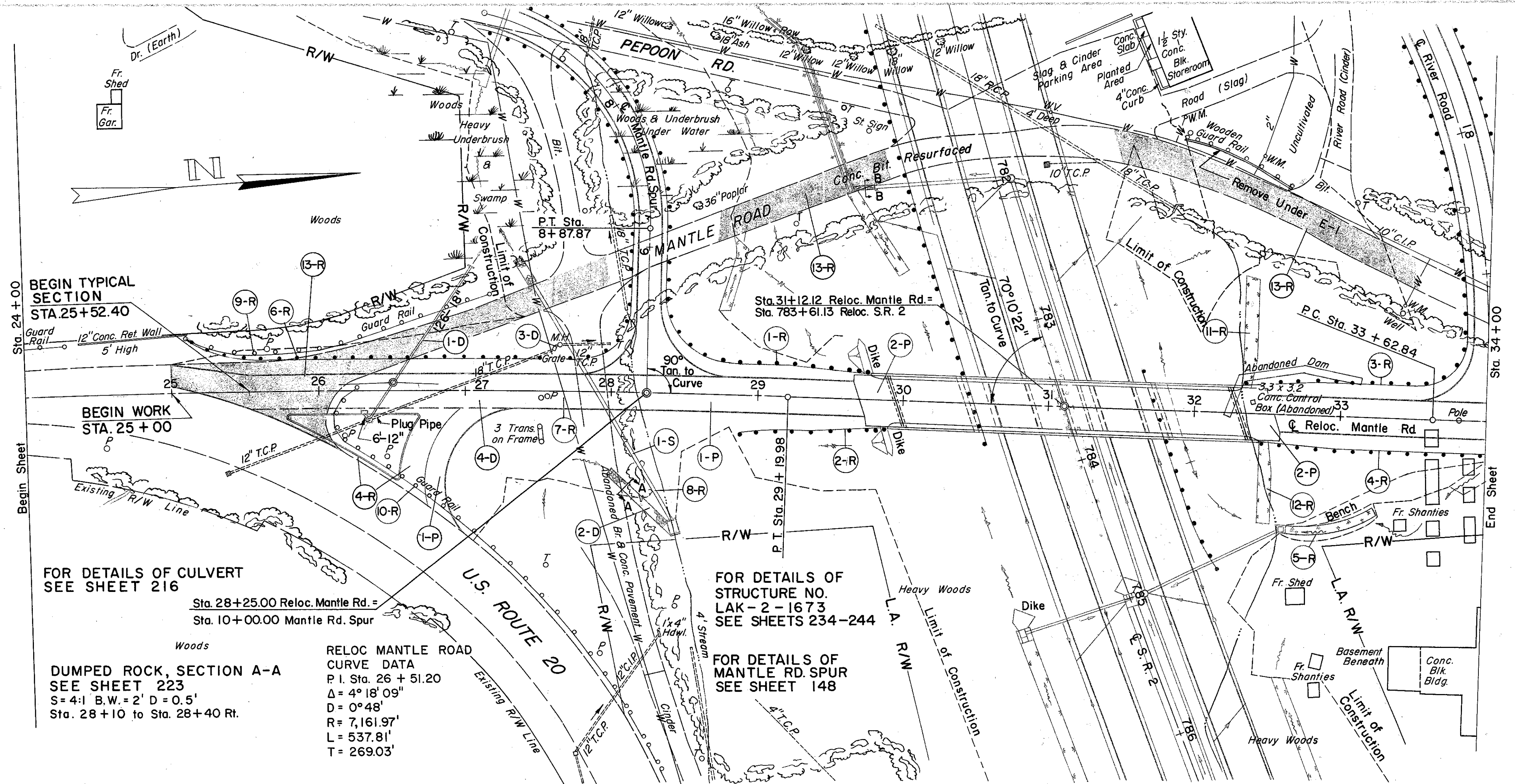
SODDING RIGHT DITCH

STATION	WIDTH OF SODDING FT.	LENGTH OF SODDING FT.	S. Y.
32+60	6.0	65	
33+25	6.0		43
SUB TOTAL			

(S) STRUCTURE

REF. NO.	STATION	SIDE	E-3	I-1	I-2	I-10	
			CHANNEL EXC.	24" PIPE CLASS A-1 SEC. M-6.6(d) OR SEC. M-6.4(d) 14 GA.	MASONRY	RIPRAP 6" REINF.	DUMPED ROCK FOR CHANNEL PROTECT.
			C.Y.	L.F.	C.Y.	S.Y.	C.Y.
1-S	27+90	Rt-Lt	348	188	0.82	10.7	11.1
TOTAL			348	188	0.82	10.7	11.1

EXCAVATION - 5,084 C.Y.
EMBANKMENT - 19,841 C.Y.
EMBANKMENT + 20' - 23,809 C.Y.



BEGIN TYPICAL SECTION
STA. 25+52.40

BEGIN WORK
STA. 25+00

FOR DETAILS OF CULVERT
SEE SHEET 216

DUMPED ROCK, SECTION A-A
SEE SHEET 223
S = 4:1 B.W. = 2' D = 0.5'
Sta. 28+10 to Sta. 28+40 Rt.

RELOC MANTLE ROAD
CURVE DATA
P.I. Sta. 26+51.20
Δ = 4° 18' 09"
D = 0° 48'
R = 7,161.97'
L = 537.81'
T = 269.03'

FOR DETAILS OF
STRUCTURE NO.
LAK-2-1673
SEE SHEETS 234-244

FOR DETAILS OF
MANTLE RD. SPUR
SEE SHEET 148

