LAKE COUNTY
LAK-I-16.55

FOR ENTRANCE DETAILS
SEE SHEET NO. 320

RAMP E
Spiral Data
P.I. Sta. 4 + 00.07
$\theta_s = 6°45'00"$ Lt.
L.T. = 100.07'
S.T. = 50.07'
$L_s = 150.00'$

P.O.T. Sta. 601 + 29.36
Hub 171.18' Hub 153.99' Hub 153.86'

P.O.T. Sta. 608 + 25.90
Hub 171.71' Hub 132.28' 20" Elm 1255.67'

Sta. 600 + 00
Sta. 610 + 00
Begin Sheet
End Sheet
Ramp E ℄
Ramp H ℄
T.S. Sta. 3 + 00
S.C. Sta. 4 + 50
Sta. 0 + 00 Ramp E ℄
Woods
Special Curb
6" I-4
6" I-4 Sec. M-6.4 (h)
Apple Orchard 12" Avg. (Poor Cond.)
Chicken Coop (Abandoned)
Swimming Pool 20' x 40' (Broken Down)
Wood Fence
Woven Wire Fence
Field Drive
Std Type 6 Curb
Ditch
Trees
Uncultivated
Scattered Brush
Brush
Vrooman Road
Sta. 608 + 77.78 ℄ S.R. 1 = Sta. 30 + 00.00 ℄ Reconstr. Vrooman Road.
Conc. Box Culvert 42" Deep 32" Wide
B.T.
ABANDON
Field Entrance
Gate
Mailbox
Well
House

RAMP H
SPIRAL DATA
P.I. Sta. 5 + 03.07
$\theta_s = 1°07'30"$ Rt.
L.T. = 100.00'
S.T. = 50.00'
$L_s = 150.00'$

B.M. #66A Lag Bolt in 8" Hickory
200' Lt. of Sta. 601 + 00
Elev. 826.32

FOR EXIT DETAILS
SEE SHEET NO. 323

-1.518%
128'-15" I-2 @ 1.47%

Grate Elev. Std. #4 C.B. Sta. 607 + 10 807.42
℄ 15" I-2 @ Std. #4 C.B. Sta. 607 + 10 805.00
℄ 15" I-2 @ Std. #1 M.H. Sta. 605 + 80 803.15
℄ 24" I-2 @ Std. #1 M.H. Sta. 605 + 80 802.40
℄ 27" I-2 @ Std. #1 M.H. Sta. 605 + 80 802.15
℄ 8" I-2 @ Std. #1 M.H. Sta. 605 + 80 803.73
℄ 8" I-4 @ Std. #1 M.H. Sta. 605 + 80 803.73

Sta. 608 + 77.78 ℄ S.R. 1 =
Sta. 30 + 00.00 ℄ Reconstr. Vrooman Road

REF NO.	STATION FROM	STATION TO	SIDE
1-D	604+75	610+00	7' LT.
2-D	600+00	605+80	37' LT.
3-D	600+00	605+60	37' RT.
4-D	600+00	610+00	7' RT.
5-D	600+00	607+00	℄
6-D	603+75		-
7-D	605+80		-
8-D	604+60	605+80	℄
9-D	604+00	610+00	RT.
10-D	608+00	610+00	LT.
11-D	605+00		LT.
12-D	601+00		RT.

REF NO.	STATION FROM	STATION TO	SIDE	Ⓓ DRAINAGE I-5 6" 60° BEND EACH	SEC. M-6.4(h)	I-4 6" PIPE UNDER DRAIN (DEEP) LIN. FT.	6" PIPE UNDER DRAIN (SHALLOW)	8" OUTLET PIPE SEC. M-64(h)	6" PIPE UNDER DRAIN SEC. M-64(h)	8" OUTLET PIPE SEC. M-64(a)	I-2 STORM SEWER SEC. M-6.5(a)	CLASS "A" STORM SEWER UNDER PAVEMENT SEC. M-6.5(b) OR M-6.8(b) 8" 18" 24" 27" LIN. FT.	I-5 6" x 8" INCREASER EACH	I-5 8"x8"x6" 60° WYE EACH	I-8 STD. #4 CATCH BASIN EACH	I-8 STD. #5 CATCH BASIN MOD. EACH	I-8 STD. #1 M.H. EACH	I-9 STONE UNDER DRAIN #1 L.F.	I-10 DUMPED ROCK FOR CHANNEL PROTECT. C.Y.	I-10 SODDING S.Y.	S-1 CONC. FOR STRUCT. CL "C" C.Y.	S-4 REINF. STEEL LB.	E-2 EXC. FOR STRUCT. C.Y.
1-D	604+75	610+00	7' LT.																				
2-D	600+00	605+80	37' LT.																				
3-D	600+00	605+60	37' RT.																				
4-D	600+00	610+00	7' RT.																				
5-D	600+00	607+00	℄																				
6-D	603+75		-																				
7-D	605+80		-																				
8-D	604+60	605+80	℄																				
9-D	604+00	610+00	RT.																				
10-D	608+00	610+00	LT.																				
11-D	605+00		LT.																				
12-D	601+00		RT.																				

Ⓡ ROADWAY
ROADWAY

REF NO.	STATION FROM	STATION TO	SIDE	I-15 GUARD RAIL, STEEL BEAM (DEEP) NO. 2-B	I-15 BARRIER RAIL, STEEL BEAM (DEEP) NO. 2-B	
1-R	608+00	609+60	℄	L.F.	150	
2-R	609+05	610+55	LT.	L.F.	150	50
3-R	607+00	608+50	RT.	L.F.	150	
			TOTAL		450	50

Ⓟ PAVEMENT

REF NO.	STATION FROM	STATION TO	SIDE	B-33 3" BIT. MATT. S.Y.	T-31 BIT. MATT. AGGR. GAL	T-31 NO.6 AGGR. C.Y.	I-18 5" CONC. C.Y.	T-71 10" CONC. C.Y.	I-22 SUB-BASE C.Y.	E-101 COMPACT SUBGR. S.Y.	I-12 STD. SPECIAL CONC. CURB L.F.	I-12 STD. SPECIAL MEDIAN CURB TYPE L L.F.	S.Y.
1-P	599+94.49	600+94.49	RT.					133.3	247	138.9	100		
2-P	600+00	4+50 ("E")	LT.	681.0	340.5	5.4	5.4	95.7	890.7	2483	1621.3	446.5	
3-P	599+94.99	600+44.99	RT.										36.1
		TOTAL		681.0	340.5	5.4	5.4	95.7	1024.0	2730	1760.2	100	446.5

SODDING LEFT DITCH

STATION FROM	STATION TO	DEPTH OF SODDING FT.	SLOPES F.	SLOPES B.	WIDTH OF SODDING FT.	LENGTH FT.	S.Y.
608+00		.3	8:1	8:1	9.0	100	106
609+00		.4	8:1	8:1	10.0	50	50
609+50		.4	8:1	2:1	8.0	50	44
610+00		.4	8:1	2:1	8.0	SUB TOTAL	200

SODDING RIGHT DITCH

604+00		.25	8:1	3:1	7.0	600	566
610+00		.5	8:1	4:1	10.0		

MEDIAN

600+00		.4	8:1	8:1	10.0	700	778
607+00			8:1	8:1	10.0		

Excavation	102,608 C.Y.
Embankment	10,169 C.Y.
Embankment @ 22 %	12,406 C.Y.

STA. 600+00 TO STA. 610+00