FED. RD. DIVISION	STATE	PROJECT		27
2	OHIO	I-1103 (20) S-46 (7)		333

LAKE COUNTY
LAK-I- 4.02

~LEGEND~
1. Standard Longitudinal Joint
2. Standard key Joint without Tie Bars.
3. Expansion Joint without Dowels (Loc. on rod. lines)
4. Expansion Joint with Dowels

I-S-F
Fr. Shed

Ramp A
P.I. Sta. 333+45.58 - 126.5' Lt.
Δ = 1°11'37"
D = 0°34'23"
R = 10,000.00'
T = 104.17'
L = 208.29'
E = 0.54'

BEGIN SHEET STA. 333+00
END SHEET STA. 345+00

4" Ag. Tile 2
Proposed R/W Line
4" Water Line
P.I.
P.T.
8"x5" Plug
Transition: Taper 1' in 48'
Open Drain
18" W.C.
Open Field
Sheet Range
RAMP A
Target Release
Fr. Bldg.
Gravel Drive
Fire Plug
Apple Orchard ± 12" Trees
Willow Trees
Tack in Hub
Tack in Stake
6" Tile Vent
Filter Beds
N-61°09'50"-E
℄ Survey State Route No. 1
Detail "C"
Diversion Box
Abandon
Willow Tree
Sunken Loading Pit
2 M.H.
Septic Tank (3 Sections)
RAMP C
℄ Curve Data
P.I. Sta. 365+79.77
Δ = 22°03'35" Rt.
D = 0°28'
R = 12,277.67'
T = 2393.18'
L = 4727.08'
E = 231.06'
P.T. Sta. 25+13.31
P.C. STA. 341+86.59
P.C. Sta. 1+00
Some Heavy Timber-Mostly Small Trees
Ramp C
P.I. Sta. 3+56.59
Δ = 7°41'10"
D = 1°30'
R = 3819.72'
T = 256.59'
L = 512.41'
E = 8.61'
P.C.C. Sta. 6+12.41
8" Water Line
3 Ph. 10 Tel. Wire
Gravel Road
151 Conc. Warehouse
10" Tile
M.H.
24" Storm Sewer
Farm Road
I-S-F Gar.
Plug
Fire Plug
Connect to Existing S.S.
Elev. 716.72

BM. 45 200' Lt. Sta. 341+75
Lag Bolt in Root of 30" Elm
Elev. 714.816

	333	334	335	336	337	338	339	340	341	342	343	344	345
North Bound Lanes	710.50	711.15	711.80	712.45	713.10	713.75	714.40	715.05	715.70	716.35	717.00	717.65	718.30
South Bound Lanes	705.76	706.47	707.19	707.90	708.62	709.33	710.05	710.76	711.48	712.19	712.91	713.62	714.34

North Bound Lane
South Bound Lane
North Bound Lanes
South Bound Lanes
+0.65 %
+0.715 %
6" I-4 N.B.I.S.
6" I-4 N.B.O.S.
6" I-4 S.B.I.S.
6" I-4 S.B.O.S.
150 ℓ 6" I-4 S.B.O.S. 700.48

Std. No. 1 M.H. 71.5' Lt. Sta. 338+55
ℓ 36" I-2 @ M.H. 709.09
ℓ 8" I-4 outlet @ M.H. 706.42

Std. No. 1 M.H. 168.5' Rt. Sta. 338+55
ℓ 36" I-2 @ M.H. 705.21
ℓ 24" I-2 @ M.H. 706.21
ℓ 8" I-4 outlet @ M.H. 707.54

Std. No. 5 C.B. 168.5' Rt. Sta. 338+70
ℓ Grate 711.60
ℓ 24" I-2 @ C.B. 708.68

	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345
North Bound Lane	719.8	719.8	719.4	719.7	720.6	721.0	723.0	721.9	720.0	719.1	719.0	719.2	719.4			
South Bound Lane	715.3	715.6	715.2	716.1	717.7	718.1	718.0	717.1	715.4	715.8	714.3	714.5	714.3			

See Sheet No.	Def. No.	Station From	Station To	Side	Pipe Removal 15" & Under	Pipe Removal Over 15"	Class "A" Storm Sewer 36" Lin. Ft.	Class "A" Storm Sewer 24" Lin. Ft.	Class "A" Storm Sewer 18" Lin. Ft.	Class "A" Storm Sewer 12" Lin. Ft.	Class "A" Storm Sewer 8" Lin. Ft.	Pipe Outlets for Underdrain Sec. M-6.4 (a) Each	Underdrain Trench Bottom Backfill 6" Lin. Ft.	Underdrain Trench Bottom Backfill 6" Cu. Yds.	Underdrain Trench Bottom Backfill Class "A" Storm Sewer Sec. M-6.4 (c) Each	Standard No. 1 M.H. Each	Standard No. 5 C.B. Each	Sodding Sq. Yds.
153	10	333+00	339+55	Rt.														
153	20	339+55	339+55	Rt.														
	30	339+00	338+68	Rt.														
153	40	338+55	338+70	Rt.														
153	50	338+55	342+40	Rt. & Lt.														
	60	339+98	345+00	Lt.		535												
	70	340+00	345+00	Rt.														
240	80	338+55	345+00	Rt. & Lt.														
	90	339+45	346+25	Rt.	345					188								
	100	339+23	341+00	Rt.	212					12								
				Total	557	535	553	134	26									

DRAINAGE

MICHAEL BAKER, JR., CONSULTING ENGINEERS
ROCHESTER, PENNSYLVANIA

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
STATE HIGHWAY NO. I
C-44
PLAN AND PROFILE
STA. 333+00 TO STA. 345+00

Designed	Drawn	Traced	Checked	Reviewed Date	Revised
B.P.	H.G.	K.A.	E.H.		

PLAN & PROFILE STA. 333+00 - STA. 345+00