DRAINAGE DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	37R-2	OGLE	389	94
STA. 33+150		TO STA. 33+325		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #64157

TOP ELEV. = LID ELEV

N

MATCH LINE STA 33+150

STA 33+209.90
5.94m LT
INLET SPECIAL
EOP ELEV. 220.06
FLOW ELEV. 218.900

STA 33+300.00
6.04m LT
INLET SPECIAL
EOP ELEV. 220.778
FLOW ELEV. 219.770

IL Rte. 2 & IL Rte. 72

11.93m SS-CL A-T1-300mm
1.4m SS (W M REQ) T1-300mm
℄ 218.90-218.78

12.39m SS-CL A-T1-300mm
℄ 219.77-219.53

33+150 | 33+200 | 33+250 | 33+300

13.33m PIPE UNDERDRAIN 100mm

4.55m SS-CL A-T1-300mm
3.05m SS (W M REQ) T1-300mm
℄ 218.81-218.79

68.65m SS (WATER MAIN REQ) T1-300mm
℄ 218.78-218.00

88.25m SS (W M REQ) T1-300mm
℄ 219.53-218.78

STA 33+300.00
6.35m RT
INLET SPECIAL
EOP ELEV. 220.692
FLOW ELEV. 219.530

12.43m SS-CL A-T1-300mm
℄ 218.81-218.88

STA 6+985.5
6.69m LT
INLET SPECIAL NO. 5
TOP ELEV. 220.533
FLOW ELEV. 219.470

STA 5+983.9
6.61m LT
INLET SPECIAL NO. 5
TOP ELEV. 220.020
FLOW ELEV. 218.810

STA 5+979.40
4.99m RT
INLET SPECIAL NO. 5
TOP ELEV. 220.053
FLOW ELEV. 218.880

STA 33+209.90
7.14m RT
RESTRICTED DEPTH MANHOLE
1.5m DIAMETER
TYPE 1 FRAME, CLOSED LID
TOP ELEV. 219.953
FLOW ELEV. 218.780

12.43m PIPE UNDERDRAIN 100mm

15.24m SS-CL A-T1-300mm
℄ 219.47-219.42

15.24m PIPE UNDERDRAIN 100mm

PERENE AVE

S. MAPLE AVE

0 10 20
Scale In Meters

222.5
220
217.5
215

PERENE AVE. STA. 33+215.841 ℄ EL. = 220.216

VPI STA. 33+275.000
ELEVATION 221.015

+1.350% -0.634%

+250.000 EL. 220.677

+300.000 EL. 220.857

℄ EL. = 220.711

S. MAPLE AVE. STA. 33+32.865

ex = -0.124
K = 25
50.000 m V.C.

68.65m SS (WATER MAIN REQ) T1-300mm
S=1.14%

88.25m SS (W M REQ) T1-300mm
S=0.85%

15.54m SS-CL A-T1-300mm
S=0.32%

33+150.0 | 33+162.5 | 33+175.0 | 33+187.5 | 33+200.0 | 33+212.5 | 33+225.0 | 33+237.5 | 33+250.0 | 33+262.5 | 33+275.0 | 33+287.5 | 33+300.0 | 33+312.5 | 33+325.0

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK	TEMPLATE	
NO.	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK	TEMPLATE	
NO.	AREAS	
	AREAS CHECKED	

Thu Sep 02 11:20:51 2004
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DRAINAGE DETAILS