CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	24
STA. 62+00	TO STA. 66+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Revised 10-26-09

PLAN
SURVEYED
PLOTTED
DRAWN
CHECKED
QUANTITIES
MAX. CHECKED
CADD FILE NAME
NOTE BOOK
No.
BY
DATE

INLET TA T11F&G
+50.0, 17.76' LT
EOP 532.72
INV 528.75
40 FOOT SS 2 RCP
CL 3 12" @ 2.0%
7 CU YD TR BACKFILL

INLET TA T11F&G
+25.0, 17.76' LT
EOP 531.45
INV 528.01
36 FOOT SS 1 RCP
CL 4 12" @ 1.0%
5 CU YD TR BACKFILL

INLET TA T11F&G
+00.0, 18.76' LT
EOP 530.18
INV 526.34
36 FOOT SS 1 RCP
CL 4 12" @ 1.0%
5 CU YD TR BACKFILL

INLET TA T11F&G
+65.0, 18.76' LT
EOP 529.10
INV 525.50
9 FOOT SS 2 RCP
CL 3 12" @ 11.1%
2 CU YD TR BACKFILL

(6) PRC FLAR END SEC 12
~~+44.39, 33.8' LT~~ ~~+65~~, 42' LT
INV APPX 526.0 (VERIFY EXISTING DITCH)
8 FOOT SS 1 RCP
CL 4 12" @ 7.5%
3 CU YD TRENCH BACKFILL

(7) MAN TA 4 DIA T1F CL
+65.0, 20' LT
LID 529.5
INV 521.04

(8) 46 FOOT STEEL CASINGS
24" @ 0.3%
~~46 FOOT PVC STORM SEWER~~
~~ASTM F 679 18" @ 0.3%~~
46 FOOT STORM SEW
CL B 1 18" @ 0.3%

STATION EQUATION
CN STA. 6+75.12 = 17TH 64+85.26
(MILE POST 13.13)

INLET TA T11F&G
+65.0, 18.76' RT
EOP 528.86
INV 524.87
9 FOOT SS 2 RCP
CL 3 12" @ 1.0%
2 CU YD TRENCH BACKFILL

INLET TB T11F&G
+00.0, 17.76' RT
EOP 529.97
INV 525.98
11 FOOT SS 2 RCP
CL 3 12" @ 2.7%
2 CU YD TRENCH BACKFILL

INLET TA T11F&G
+60.0, 17.76' RT
EOP 530.65
INV 526.70
17 FOOT SS 2 RCP
CL 3 12" @ 1.0%
3 CU YD TRENCH BACKFILL

INLET TA T11F&G
+00.0, 17.76' RT
EOP 533.35
INV 529.33
4 FOOT SS 2 RCP
CL 3 12" @ 16%
1 CU YD TRENCH BACKFILL

INLET TB T11F&G
+25.0, 17.76' RT
EOP 531.24
INV 527.65
8 FOOT SS 2 RCP
CL 3 12" @ 2.9%
2 CU YD TR BACKFILL

N

20' 0 20' 40'
SCALE: 1" = 20'

REV. 10-21-09

PROFILE
SURVEYED
PLOTTED
DRAWN
CHECKED
QUANTITIES
MAX. CHECKED
STRUCTURE NOTATNS CHKD
NOTE BOOK
No.
BY
DATE

MAN TA 4 DIA T1F CL
+50.00, 22.0' RT
TOP ELEV 535.25
INV N 527.95
INV W 527.95
INV S 527.95

112 FOOT, SS 2 RCP
CL 3 18" @ 1.00%
46 CU YD TRENCH BACKFILL

MAN TA 4 DIA T1F CL
+60.00, 35.0' RT
TOP ELEV 532.35
INV N 526.33
INV W 526.53
INV S 526.77

105 FOOT, SS 2 RCP
CL 3 18" @ 2.00%
43 CU YD TRENCH BACKFILL

MAN TA 4 DIA T1F CL
+65.00, 28' RT
TOP ELEV 529.37
INV W 524.78
INV S 524.11
INV N 519.99

RC PIPE TEE 18P 12R
+00.00, 22.0' RT

RC PIPE TEE 18P 12R
+23.74, 26.0' RT

RC PIPE TEE 18P 12R
+00.00, 29.0' RT

46 FOOT STEEL CASINGS 24" @ 0.3%
~~46 FOOT PVC STORM SEWER~~
~~ASTM F 679 18" @ 0.3%~~
46 FOOT STORM SEW
CL B 1 18" @ 0.3%

540 535 530 525 520 515 510 505

62+00	62+50	63+00	63+50	64+00	64+50	65+00	65+50	66+00	66+50	67+00	67+50	68+00
533.63 / 533.67	532.95 / 532.83	532.00 / 531.98	530.84 / 531.14	529.40 / 530.29	528.04 / 529.45	528.06 / 528.60	526.78 / 527.97	527.71 / 527.96	528.71 / 528.61	529.84 / 529.59	530.91 / 530.56	531.91 / 531.63

PLOT DATE = 10/21/2009
FILE NAME = H:\P\24842\Marcelstun\V8\plane2_SS.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = kate

STORM SEWER PLAN & PROFILE