PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

MATCH LINE STA 628+00

PR STONE DUMPED RIPRAP CLASS A4
LENGTH = 20', 30 SQ YD

PR STONE DUMPED RIPRAP CLASS A4
LENGTH = 27', 65 SQ YD

SEE BASIN D-8 PLAN SHEET

SEE GADDY BASIN PLAN SHEET

LIMITS OF CONSTRUCTION

TOP OF BANK

AC

CONC

TOWER

WETLANDS

PC STA 637+54.80

RELOCATED MISSOURI AVE

CONTRACT 76F70 | CONTRACT 76848

℄ RELOCATED IL RTE 3 STA 637+36.18=
RELOCATED MISSOURI AVENUE STA 30+00.00

Ⓕ STA 630+53, 84.1' LT
PRCFES 24"
INV = 408.75

Ⓖ STA 636+16, 150' LT
PRCFES 48"
INV = 401.00

㉕ STA 637+32, 131.5' RT
PRCFES 42"
INV = 401.86

㉖ STA 638+15, 2.6' LT
MH SPECIAL (5' DIA)
TM EL = 424.24
INV = 410.00

㉗ STA 636+49, 125.7' LT
MH SPECIAL (8' DIA)
TM EL = 412.75
S INV = 401.03
NE INV = 401.60
N INV = 408.98

㉛ STA 630+53, 0.0' LT
MH SPECIAL (5' DIA)
TM EL = 413.29
W INV = 409.15

㉕ SS CLASS A, TY 4
42"x257' @ 0.1%
TBF = 756 CU YD

㉖ SS CLASS A, TY 3
24"x203' @ 0.5%
TBF = 429 CU YD

㉗ SS CLASS A, TY 3
48" = 32' @ 0.1%
TBF = 0 CU YD

㉛ SS CLASS A, TY 1
24"x74' @ 0.5%
TBF = 67 CU YD

50 0 50
SCALE IN FEET

NOTE:
FOR CLARITY NOT ALL STORM SEWER SYSTEM IS SHOWN IN PROFILE.

TRANSITION FROM 0.77' TO 0.52' BELOW FINISHED PAVEMENT SURFACE

999.97' V.C.
K = 251

FINISHED PAVEMENT SURFACE @ PGL (BY OTHERS)

PROPOSED PROFILE @ PGL

EXISTING GROUND LINE @ ℄

STA 630+53
EL 411.08
W INV 409.15

-2.03%
+1.95%
-0.50%(LT)
+0.40%(RT)
+2.14%(RT)
1:6

VPI STA 636+00.00
EL 421.98

+39.98 EL 421.81

VPI STA 636+50.00
EL 423.20

STA 636+49
N INV 408.98
42" SS, CLASS A, TY 4 @ 0.1%
48" SS, CLASS A, TY 2 @ 0.1%
STA 636+16
INV 401.00
S INV 401.03
NE INV 401.60

STA 637+32
INV 401.86

STA 637+36.18
RELOCATED IL RTE 3 =
STA 30+00.00 MISSOURI AVE

VPI STA 639+74.90
EL 429.53

+50.00
EL 405.27 (RT)

MAINTAIN DRAINAGE FROM CONTRACT 76848

IMPROVEMENT ENDS
STA 641+71.06
EL 397.09

+00.00
EL 403.13 (RT)

+32.17
EL 401.86 (RT)

+00.00
EL 405.59 (RT)

628+00	629+00	630+00	631+00	632+00	633+00	634+00	635+00	636+00	637+00	638+00	639+00	640+00	641+00	642+00	643+00
419.58 **417.31**	419.81 **416.86**	419.92 **416.51**	418.74 **416.26**	418.87 **416.11**	417.57 **416.06**	418.08 **416.10**	418.69 **416.25**	418.61 **416.50**	419.35 **416.84**	419.12 **417.29**	419.46 **417.83**	416.85 **418.48**	415.93 **419.22**	413.76 **420.07**	415.38 **421.01**	415.86 **421.98**	399.10 **423.20**	394.01 **424.18**	393.98 **425.15**	393.76 **426.12**	393.68 **427.10**	402.57 **428.07**	415.58 **429.04**	415.87 **425.34**	408.54 **417.01**	400.96 **408.68**	396.80 **400.35**	398.06	401.76	405.78

450	440	430	420	410	400	390	380

Farnsworth GROUP, INC.
2709 McGraw Drive
Bloomington, Illinois 61704
309/663-8435, 309/663-1571 fax

USER NAME = dmeyer	DESIGNED - JJO	REVISED - 02/06/13	
	DRAWN - JJO	REVISED - 03/18/13	
PLOT SCALE = 100.0000 ' / in.	CHECKED - PJM	REVISED -	
PLOT DATE = 3/18/2013	DATE - 10/18/12	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RELOCATED IL RTE 3
DRAINAGE PLAN & PROFILE

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
788	520-1-2-1	ST. CLAIR	121	27
		CONTRACT NO. 76F70		
	ILLINOIS FED. AID PROJECT			

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