

F.A.P. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0607	01-00014-00-FP	WILL	85	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED AID PROJECT	CMF-0607 (070)	

CONTRACT NO. 83786

**STORM SEWER PIPES**  
**U.S. ROUTE 52**

- ST-P 29  
53 L.F. OF 24" STRG, CL A, TY 1 @ 4.00%  
T.B.F. = 36.2 C.Y.
- ST-P 30  
31 L.F. OF 24" STRG, CL A, TY 1 @ 4.00%  
T.B.F. = 19.9 C.Y.
- ST-P 31  
24 L.F. OF 24" STRG, CL A, TY 1 @ 7.43%  
(W/6" F.E.S.)  
T.B.F. = 5.0 C.Y.
- ST-P 32  
17 L.F. OF 36" STRG, CL A, TY 1 @ 0.10%  
(W/6" F.E.S.)  
T.B.F. = 26.3 C.Y.
- ST-P 33A  
150 L.F. OF 36" STRG, CL A, TY 2 @ 0.15%  
T.B.F. = 122.4 C.Y.
- ST-P 33  
17 L.F. OF 21" STRG, CL A, TY 1 @ 0.21%  
(W/6" F.E.S.)  
T.B.F. = 3.7 C.Y.
- ST-P 33B  
230 L.F. OF 36" STRG, CL A, TY 2 @ 0.15%  
T.B.F. = 187.70 C.Y.
- ST-P 34  
48 L.F. OF 21" STRG, CL A, TY 1 @ 0.21%  
T.B.F. = 19.8 C.Y.
- ST-P 35  
23 L.F. OF 12" STRG, CL A, TY 1 @ 1.00%  
T.B.F. = 5.4 C.Y.
- ST-P 36  
27 L.F. OF 12" STRG, CL A, TY 1 @ 1.00%  
T.B.F. = 6.9 C.Y.
- ST-P 37  
34 L.F. OF 12" STRG, CL A, TY 1 @ 1.00%  
T.B.F. = 32.2 C.Y.
- ST-P 38  
13 L.F. OF 12" STRG, CL A, TY 1 @ 0.45%  
T.B.F. = 3.1 C.Y.
- ST-P 39  
43 L.F. OF 12" STRG, CL A, TY 1 @ 2.00%  
T.B.F. = 12.6 C.Y.
- ST-P 40  
41 L.F. OF 12" STRG, CL A, TY 1 @ 2.00%  
T.B.F. = 10.3 C.Y.
- ST-P 41  
42 L.F. OF 12" STRG, CL A, TY 1 @ 2.00%  
T.B.F. = 11.1 C.Y.
- ST-P 42  
8 L.F. OF 12" STRG, CL A, TY 2 @ 8.00%  
T.B.F. = 2.4 C.Y.
- ST-P 43  
33 L.F. OF 12" STRG, CL A, TY 2 @ 0.45%  
T.B.F. = 7.8 C.Y.
- ST-P 44  
9 L.F. OF 12" STRG, CL A, TY 2 @ 1.26%  
T.B.F. = 2.9 C.Y.

**STORM SEWER PIPES**  
**RIVER ROAD**

- ST-P 45A  
36 L.F. OF 12" STRG, CL A, TY 1 @ 1.00%  
T.B.F. = 8.5 C.Y.
- ST-P 45B  
135 L.F. OF 12" STRG, CL A, TY 1 @ 0.145%  
T.B.F. = 31.9 C.Y.
- ST-P 45  
41 L.F. OF 12" STRG, CL A, TY 1 @ 1.30%  
T.B.F. = 11.4 C.Y.
- ST-P 46  
25 L.F. OF 12" STRG, CL A, TY 2 @ 1.30%  
T.B.F. = 7.0 C.Y.
- ST-P 47  
53 L.F. OF 15" STRG, CL A, TY 1 @ 0.35%  
T.B.F. = 13.5 C.Y.
- ST-P 48  
185 L.F. OF 12" STRG, CL A, TY 2 @ 0.70%  
T.B.F. = 61.0 C.Y.
- ST-P 49  
20 L.F. OF 12" STRG, CL A, TY 2 @ 0.70%  
T.B.F. = 7.2 C.Y.

**STORM SEWER PIPES**  
**U.S. ROUTE 52**

- ST-P 1  
18 L.F. OF 12" STRG, CL A, TY 2 @ 4.14%  
T.B.F. = 3.1 C.Y.
- ST-P 2  
9 L.F. OF 12" STRG, CL A, TY 1 @ 0.50%  
T.B.F. = 3.1 C.Y.
- ST-P 3  
35 L.F. OF 12" STRG, CL A, TY 1 @ 0.45%  
T.B.F. = 7.5 C.Y.
- ST-P 4  
53 L.F. OF 12" STRG, CL A, TY 1 @ 0.45%  
T.B.F. = 11.4 C.Y.
- ST-P 5  
9 L.F. OF 21" STRG, CL A, TY 1 @ 7.60% (W/6" F.E.S.)  
T.B.F. = 2.0 C.Y.
- ST-P 6  
41 L.F. OF 21" STRG, CL A, TY 1 @ 5.67%  
T.B.F. = 13.5 C.Y.
- ST-P 7  
3 L.F. OF 21" STRG, CL A, TY 1 @ 5.67% (W/6" F.E.S.)  
T.B.F. = 1.2 C.Y.
- ST-P 8  
6 L.F. OF 12" STRG, CL A, TY 1 @ 0.45%  
T.B.F. = 1.4 C.Y.
- ST-P 9  
6 L.F. OF 12" STRG, CL A, TY 1 @ 1.00%  
T.B.F. = 1.4 C.Y.
- ST-P 10  
10 L.F. OF 12" STRG, CL A, TY 2 @ 1.00%  
T.B.F. = 3.4 C.Y.
- ST-P 11  
41 L.F. OF 12" STRG, CL A, TY 1 @ 1.00%  
T.B.F. = 29.8 C.Y.
- ST-P 12  
9 L.F. OF 12" STRG, CL A, TY 2 @ 1.00% (W/6" F.E.S.)  
T.B.F. = 6.8 C.Y.
- ST-P 13  
12 L.F. OF 12" STRG, CL A, TY 2 @ 1.00%  
T.B.F. = 4.6 C.Y.
- ST-P 14  
42 L.F. OF 15" STRG, CL A, TY 1 @ 0.79%  
T.B.F. = 31.3 C.Y.
- ST-P 15  
8 L.F. OF 15" STRG, CL A, TY 1 @ 0.79%  
(W/6" F.E.S.)  
T.B.F. = 5.0 C.Y.
- ST-P 16  
5 L.F. OF 12" STRG, CL A, TY 2 @ 1.00%  
T.B.F. = 3.3 C.Y.
- ST-P 17  
5 L.F. OF 12" STRG, CL A, TY 2 @ 1.00%  
T.B.F. = 3.6 C.Y.
- ST-P 18  
14 L.F. OF 12" STRG, CL A, TY 1 @ 0.45%  
T.B.F. = 4.8 C.Y.
- ST-P 19  
42 L.F. OF 12" STRG, CL A, TY 1 @ 0.45%  
T.B.F. = 31.9 C.Y.
- ST-P 20  
7 L.F. OF 12" STRG, CL A, TY 2 @ 0.45%  
(W/6" F.E.S.)  
T.B.F. = 4.4 C.Y.
- ST-P 21  
5 L.F. OF 12" STRG, CL A, TY 1 @ 14.91%  
(W/6" F.E.S.)  
T.B.F. = 1.2 C.Y.
- ST-P 22  
42 L.F. OF 12" STRG, CL A, TY 1 @ 3.86%  
T.B.F. = 16.1 C.Y.
- ST-P 23  
5 L.F. OF 12" STRG, CL A, TY 1 @ 3.86%  
(W/6" F.E.S.)  
T.B.F. = 1.2 C.Y.
- ST-P 24  
7 L.F. OF 12" STRG, CL A, TY 1 @ 10.07%  
(W/6" F.E.S.)  
T.B.F. = 2.2 C.Y.
- ST-P 25  
23 L.F. OF 27" STRG, CL A, TY 1 @ 2.50%  
T.B.F. = 16.5 C.Y.
- ST-P 26  
67 L.F. OF 36" STRG, CL A, TY 1 @ 0.85%  
T.B.F. = 61.9 C.Y.
- ST-P 27  
21 L.F. OF 12" STRG, CL A, TY 1 @ 1.00%  
T.B.F. = 7.6 C.Y.
- ST-P 28  
12 L.F. OF 12" STRG, CL A, TY 1 @ 8.89%  
(W/6" F.E.S.)  
T.B.F. = 3.1 C.Y.

**FLARED END SECTIONS**  
**U.S. ROUTE 52**

- ST-FES 1  
RCP 12"  
STA. 24+35 39' RT.  
INV. 613.07 12" E
- ST-FES 2  
RCP 21"  
STA. 27+50 35' RT.  
INV. 613.60 21" N
- ST-FES 3  
RCP 12"  
STA. 27+50 29' LT.  
INV. 609.68 21" S
- ST-FES 4  
RCP 12"  
STA. 29+00 35' LT.  
INV. 609.59 12" S
- ST-FES 5  
RCP 15"  
STA. 31+50 35' LT.  
INV. 609.67 15" S
- ST-FES 6  
RCP 12"  
STA. 33+50 33' LT.  
INV. 609.92 12" S
- ST-FES 7  
RCP 12"  
STA. 35+50 32' RT.  
INV. 613.60 12" N
- ST-FES 8  
RCP 12"  
STA. 35+50 32' LT.  
INV. 609.97 12" S
- ST-FES 9  
RCP 18"  
STA. 37+19 60' RT.  
INV. 612.10 18" N
- ST-FES 10  
RCP 12"  
STA. 37+50 40' LT.  
INV. 609.90 ± 12" S
- ST-FES 11  
RCP 24"  
STA. 38+45 33' RT.  
INV. 613.55 24" W
- ST-FES 12  
RCP 36"  
STA. 38+09 35' RT.  
INV. 608.30 36" SE
- ST-FES 13  
RCP 12"  
STA. 39+04 29' LT.  
INV. 610.78 12" E

**INLETS**  
**U.S. ROUTE 52**

- ST-IN 1  
INLET, TY A, TY 24 F&G  
STA. 27+44 21.5' RT.  
FL = 615.48  
INV. 612.49 12" E
- ST-IN 2  
INLET, TY A, TY 24 F&G  
STA. 27+44 21.5' LT.  
FL = 615.48  
INV. 612.48 12" E
- ST-IN 3  
INLET, TY A, TY 1 FR (OL)  
STA. 29+00 30' RT.  
RIM = 613.85  
INV. 610.25 12" N
- ST-IN 4  
INLET, TY A, TY 1 FR, OL  
STA. 31+50 33' RT.  
RIM = 613.80  
INV. 610.45 12" N
- ST-IN 5  
INLET, TY A, TY 24 F&G  
STA. 31+56 21.5' RT.  
FL = 615.17  
INV. 610.38 12" W
- ST-IN 6  
INLET, TY A, TY 24 F&G  
STA. 31+56 21.5' LT.  
FL = 615.17  
INV. 610.05 12" W
- ST-IN 7  
INLET, TY A, TY 1, OL  
STA. 33+50 35' RT.  
RIM = 612.75  
INV. 610.23 12" W
- ST-IN 8  
INLET, TY A, TY 1 FR (OL)  
STA. 40+35 56' LT.  
RIM = 613.10  
INV. 611.05 12" S
- ST-IN 9  
INLET, TY A, TY 8 GR  
STA. 40+10 29' RT.  
RIM = 613.55  
INV. 611.11 12" NW
- ST-IN 10  
INLET, TY A, TY 8 GR  
STA. 40+58 29' LT.  
RIM = 615.00  
INV. 611.73 12" W
- ST-IN 11  
INLET, TY A, TY 8, GR  
STA. 44+00 30' LT.  
RIM = 615.20  
INV. 613.64 12" SE

**INLETS**  
**RIVER ROAD**

- ST-IN 12A  
INLET, TY A, TY 11 F&G  
STA. 53+00 19' LT.  
FL = 616.95  
INV. 614.20 12" W
- ST-IN 12  
INLET, TY A, TY 11 F&G  
STA. 56+25 21' RT.  
FL = 615.26  
INV. 612.25 12" W

**CATCH BASINS**  
**RIVER ROAD**

- ST-CB 27A  
CATCH BASIN, TY C, TY 11 F&G  
2' DIA.  
STA. 53+00 19' LT.  
FL = 616.95  
INV. 613.84 12" E & N
- ST-CB 27  
CATCH BASIN, TY C, TY 11 F&G  
2' DIA.  
STA. 56+25 21' LT.  
FL = 615.26  
INV. 611.72 12" E & W
- ST-CB 20  
CATCH BASIN, TY A, TY 24 F&G  
4' DIA.  
STA. 40+35 29' LT.  
FL = 615.25  
INV. 610.93 12" W  
611.50 12" E
- ST-CB 22  
CATCH BASIN, TY C, TY 24 F&G  
2' DIA.  
FL = 615.46  
INV. 612.46 12" W & S
- ST-CB 23  
CATCH BASIN, TY A, TY 24 F&G  
4' DIA.  
STA. 42+05 21.5' RT.  
FL = 615.65  
INV. 611.94 12" N & SE
- ST-CB 24  
CATCH BASIN, TY A, TY 24 F&G  
4' DIA.  
STA. 44+33 21.5' LT.  
FL = 616.49  
INV. 613.49 12" S & NW
- ST-CB 25  
CATCH BASIN, TY A, TY 24 F&G  
2' DIA.  
STA. 44+33 21.5' RT.  
FL = 616.49  
INV. 612.65 12" N & S
- ST-CB 26  
CATCH BASIN, TY A, TY 8 GR  
4' DIA.  
STA. 44+00 31.5' RT.  
RIM = 614.30  
INV. 611.50 ± 18" E & W
- ST-CB 27  
CATCH BASIN, TY C, TY 24 F&G  
2' DIA.  
STA. 46+99 21.5' RT.  
FL = 616.52  
INV. 612.80 12" S

**CATCH BASINS**  
**U.S. ROUTE 52**

- ST-CB 17  
CATCH BASIN, TY A, TY 1 FR, OL  
4' DIA.  
STA. 37+85 33' RT.  
RIM = 615.04 ±  
INV. 610.08 24" S & W
- ST-CB 18  
CATCH BASIN, TY A, TY 1 FR, OL  
4' DIA.  
STA. 38+15 33' RT.  
RIM = 615.04 ±  
INV. 611.32 24" E & W
- ST-CB 19  
CATCH BASIN, TY A, TY 24 F&G  
4' DIA.  
STA. 39+87 29' LT.  
FL = 615.33  
INV. 610.82 21" W & E
- ST-CB 20  
CATCH BASIN, TY A, TY 24 F&G  
4' DIA.  
STA. 40+00 21.5' RT.  
FL = 615.17  
INV. 612.05 12" S & SE
- ST-CB 21  
CATCH BASIN, TY A, TY 24 F&G  
4' DIA.  
STA. 40+35 29' LT.  
FL = 615.25  
INV. 610.93 12" W  
611.50 12" E
- ST-CB 22  
CATCH BASIN, TY C, TY 24 F&G  
2' DIA.  
FL = 615.46  
INV. 612.46 12" W & S
- ST-CB 23  
CATCH BASIN, TY A, TY 24 F&G  
4' DIA.  
STA. 42+05 21.5' RT.  
FL = 615.65  
INV. 611.94 12" N & SE
- ST-CB 24  
CATCH BASIN, TY A, TY 24 F&G  
4' DIA.  
STA. 44+33 21.5' LT.  
FL = 616.49  
INV. 613.49 12" S & NW
- ST-CB 25  
CATCH BASIN, TY A, TY 24 F&G  
2' DIA.  
STA. 44+33 21.5' RT.  
FL = 616.49  
INV. 612.65 12" N & S
- ST-CB 26  
CATCH BASIN, TY A, TY 8 GR  
4' DIA.  
STA. 44+00 31.5' RT.  
RIM = 614.30  
INV. 611.50 ± 18" E & W
- ST-CB 27  
CATCH BASIN, TY C, TY 24 F&G  
2' DIA.  
STA. 53+00 19' LT.  
FL = 616.95  
INV. 614.20 12" W

**CATCH BASINS**  
**U.S. ROUTE 52**

- ST-CB 1  
CATCH BASIN, TY C, TY 24 F&G  
2' DIA.  
STA. 24+00 30.5' LT.  
FL = 615.98  
INV. 611.99 12" NE
- ST-CB 2  
CATCH BASIN, TY C, TY 24 F&G  
2' DIA.  
STA. 24+05 21.5' RT.  
FL = 616.17  
INV. 611.80 12" S
- ST-CB 3  
CATCH BASIN, TY A, TY 24 FR  
4' DIA.  
STA. 24+67.5 65' RT.  
RIM = 615.98  
INV. 613.23 12" E, W & S
- ST-CB 4  
CATCH BASIN, TY C, TY 24 F&G  
2' DIA.  
STA. 25+19.5 65' RT.  
FL = 616.13  
INV. 613.47 12" W
- ST-CB 5  
CATCH BASIN, TY A, TY 24 F&G  
4' DIA.  
STA. 27+50 21.5' LT.  
FL = 615.46  
INV. 610.14 21" N & S  
612.42 12" W
- ST-CB 6  
CATCH BASIN, TY A, TY 24 F&G  
4' DIA.  
STA. 27+50 21.5' RT.  
FL = 615.46  
INV. 612.46 12" W & S
- ST-CB 7  
CATCH BASIN, TY C, TY 24 F&G  
2' DIA.  
STA. 29+00 21.5' LT.  
FL = 615.31  
INV. 609.74 12" N & S
- ST-CB 8  
CATCH BASIN, TY C, TY 24 F&G  
2' DIA.  
STA. 29+00 21.5' RT.  
FL = 615.31  
INV. 610.15 12" N & S
- ST-CB 9  
CATCH BASIN, TY A, TY 24 F&G  
4' DIA.  
STA. 31+50 21.5' RT.  
FL = 615.16  
INV. 610.33 12" E & W  
610.11 15" N
- ST-CB 10  
CATCH BASIN, TY A, TY 24 F&G  
4' DIA.  
STA. 31+50 21.5' LT.  
FL = 615.16  
INV. 610.00 12" E  
609.78 15" N & S
- ST-CB 11  
CATCH BASIN, TY C, TY 24 F&G  
2' DIA.  
STA. 33+50 21.5' RT.  
FL = 615.46  
INV. 610.17 12" N & S
- ST-CB 12  
CATCH BASIN, TY C, TY 24 F&G  
2' DIA.  
STA. 33+50 21.5' LT.  
FL = 615.46  
INV. 609.98 12" N & S
- ST-CB 13  
CATCH BASIN, TY C, TY 24 F&G  
2' DIA.  
STA. 35+50 21.5' RT.  
FL = 615.46  
INV. 611.96 12" N & S
- ST-CB 14  
CATCH BASIN, TY C, TY 24 F&G  
2' DIA.  
STA. 35+50 21.5' LT.  
FL = 615.46  
INV. 610.34 12" N & S
- ST-CB 15  
CATCH BASIN, TY C, TY 24 F&G  
2' DIA.  
STA. 37+47 21.5' RT.  
FL = 615.46  
INV. 609.91 12" SW
- ST-CB 16  
CATCH BASIN, TY C, TY 24 F&G  
2' DIA.  
STA. 37+50 21.5' LT.  
FL = 615.46  
INV. 611.50 12" N

**MANHOLES**  
**U.S. ROUTE 52**

- ST-MH 1  
MANHOLE, TY A, TY 1, FR CL  
5' DIA.  
STA. 37+18, 46' RT.  
RIM = 613.90  
INV. 610.69 18" S  
INV. 608.99 ± 18" W  
INV. 608.53 27" NE
- ST-MH 2  
MANHOLE, TY A, TY 8 GR  
7' DIA.  
STA. 37+32, 34' RT.  
RIM = 612.40  
INV. 609.70 12" NE  
INV. 607.96 24" E  
INV. 607.96 27" SW  
INV. 607.91 36" N
- ST-MH 3  
MANHOLE, TY A, TY 1 FR (CL)  
7' DIA.  
STA. 38+50, 57' RT.  
RIM = 614.34  
INV. 608.39 36" NW & E
- ST-MH 4  
MANHOLE, TY A, TY 1 FR (CL)  
5' DIA.  
STA. 40+00, 55' RT.  
RIM = 613.85 ±  
INV. 608.62 36" E & W  
INV. 611.71 12" N
- ST-MH 5  
MANHOLE, TY A, TY 1 FR CL  
4' DIA.  
STA. 56+25, 45' LT.  
RIM = 614.70 ±  
INV. 611.39 12" E  
INV. 611.40 12" N  
INV. 611.19 15" S
- ST-MH 6  
MANHOLE, TY A, TY 1 FR CL  
4' DIA.  
STA. 58+10, 45' LT.  
RIM = 617.15 ±  
INV. 612.69 12" E & S
- ST-MH 7  
MANHOLE, TY A, TY 1 FR CL  
4' DIA.  
STA. 58+10, 25' LT.  
RIM = 616.85 ±  
INV. 612.93 12" N  
INV. 612.83 12" W

**MANHOLES**  
**RIVER ROAD**

- ST-MH 5  
MANHOLE, TY A, TY 1 FR CL  
4' DIA.  
STA. 56+25, 45' LT.  
RIM = 614.70 ±  
INV. 611.39 12" E  
INV. 611.40 12" N  
INV. 611.19 15" S
- ST-MH 6  
MANHOLE, TY A, TY 1 FR CL  
4' DIA.  
STA. 58+10, 45' LT.  
RIM = 617.15 ±  
INV. 612.69 12" E & S
- ST-MH 7  
MANHOLE, TY A, TY 1 FR CL  
4' DIA.  
STA. 58+10, 25' LT.  
RIM = 616.85 ±  
INV. 612.93 12" N  
INV. 612.83 12" W

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 Plotted: 12-15-04 @ 09:56:49 by: 231dub  
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CONSULTANTS	REV. NO.	DATE	DESCRIPTION
	1	12-21-04	PER I.D.O.T. REVIEW

\* REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWINGS

DRAWING FILE: \_\_\_\_\_ PLOTTED BY: \_\_\_\_\_

**BAXTER & WOODMAN**  
Consulting Engineers

**Baxter & Woodman**  
Crystal Lake, Illinois 815.459.1260  
Burlington, Wisconsin 262.763.7834  
Mokena, Illinois 708.478.2090  
DeKalb, Illinois 815.787.3111  
Grayslake, Illinois 847.223.5088  
Rockford, Illinois 815.489.1551

**VILLAGE OF SHOREWOOD, ILLINOIS**  
**U.S. ROUTE 52 IMPROVEMENTS**

**U.S. ROUTE 52 AND**  
**RIVER ROAD**  
**DRAINAGE STRUCTURE SCHEDULE**

DESIGNED BY LDH	SCALE NONE
DRAWN BY UKB	PROJECT NO. 010665
CHECKED BY LDH	SHEET NO.
DATE 10-05-04	<b>8 OF 85</b>