

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8894 05-00073-01-PV		MADISON	68	6
STA. N.A.	TO STA. N.A.			
FED. ROAD DIST. NO.	ILLINOIS	FEDERAL AID PROJECT		

- 6 STA 92+10.00, 12.25' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 549.43  
INV EL = 546.18 (TO 7)
- 7 STA 92+10.00, 12.75' LT  
INLET TYPE B, TYPE 24 FRAME AND GRATE  
EOP EL = 549.43  
INV EL = 546.00 (FROM 6)  
INV EL = 545.90 (TO 9)
- 8 STA 90+80.00, 12.25' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 548.19  
INV EL = 544.94 (TO 9)
- 9 STA 90+80.00, 12.75' LT  
INLET TYPE B, TYPE 24 FRAME AND GRATE  
EOP EL = 548.19  
INV EL = 544.94 (FROM 7)  
INV EL = 544.75 (FROM 8)  
INV EL = 544.55 (TO 11)
- 10 STA 90+00.00, 12.25' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 547.78  
INV EL = 544.53 (TO 11)
- 11 STA 90+00.00, 13.33' LT  
MANHOLE, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE  
EOP EL = 547.78  
INV EL = 543.95 (FROM 9)  
INV EL = 544.35 (FROM 10)  
INV EL = 543.75 (TO 13)
- 12 STA 88+30.00, 12.25' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 546.92  
INV EL = 543.67 (TO 13)
- 13 STA 88+30.00, 12.75' LT  
INLET TYPE B, TYPE 24 FRAME AND GRATE  
EOP EL = 546.92  
INV EL = 542.45 (FROM 11)  
INV EL = 543.45 (FROM 12)  
INV EL = 542.25 (TO 15)
- 14 STA 87+10.00, 12.25' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 546.31  
INV EL = 543.06 (TO 14)
- 15 STA 87+10.00, 13.33' LT  
MANHOLE, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE  
EOP EL = 546.31  
INV EL = 541.10 (FROM 13)  
INV EL = 542.85 (FROM 14)  
INV EL = 540.90 (TO 16)
- 16 STA 86+12.00, 12.25' LT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 544.76  
INV EL = 539.60 (FROM 15)  
INV EL = 539.40 (TO 17)
- 17 STA 85+90.41, 21.27' LT  
INLET TYPE A, TYPE 3V FRAME AND GRATE  
EOP EL = 543.65  
INV EL = 539.00 (FROM 16)  
INV EL = 538.80 (TO 19)
- 18 STA 84+82.00, 12.25' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 539.18  
INV EL = 535.93 (TO 19)
- 19 STA 84+82.00, 13.33' LT  
MANHOLE, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE  
EOP EL = 539.18  
INV EL = 535.90 (FROM 17)  
INV EL = 535.75 (FROM 18)  
INV EL = 535.55 (TO 20)
- 20 STA 83+00.00, 12.25' LT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 530.08  
INV EL = 526.83 (FROM 19)  
INV EL = 526.63 (TO 22)
- 21 STA 82+00.00, 12.25' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 525.16  
INV EL = 518.20 (FROM 57)  
INV EL = 518.00 (TO 22)
- 22 STA 82+00.00, 13.33' LT  
MANHOLE, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE  
EOP EL = 525.16  
INV EL = 521.60 (FROM 20)  
INV EL = 517.75 (FROM 21)  
INV EL = 517.55 (TO 23)
- 23 STA 80+74.00, 12.75' LT  
INLET TYPE B, TYPE 24 FRAME AND GRATE  
EOP EL = 521.85  
INV EL = 516.20 (FROM 22)  
INV EL = 516.00 (TO 24)
- 24 STA 80+54.50, 13.02' LT  
INLET TYPE B, TYPE 3V FRAME AND GRATE  
EOP EL = 521.72  
INV EL = 515.75 (FROM 23)  
INV EL = 515.55 (TO 25)
- 25 STA 80+39.50, 12.75' LT  
INLET TYPE B, TYPE 24 FRAME AND GRATE  
EOP EL = 521.69  
INV EL = 515.35 (FROM 24)  
INV EL = 515.15 (TO 26)
- 26 STA 80+29.50, 12.75' LT  
INLET TYPE B, TYPE 24 FRAME AND GRATE  
EOP EL = 521.71  
INV EL = 515.00 (FROM 25)  
INV EL = 514.80 (TO 32)
- 27 STA 80+36.00, 55.50' LT  
INLET TYPE A, TYPE 8 GRATE  
GRATE EL = 514.09  
INV EL = 513.26 (TO 32)
- 28 STA 80+59.50, 12.25' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 521.75  
INV EL = 518.49 (TO 29)
- 29 STA 80+49.50, 12.52' RT  
INLET TYPE A, TYPE 3V FRAME AND GRATE  
EOP EL = 521.71  
INV EL = 518.45 (FROM 28)  
INV EL = 518.25 (TO 30)
- 30 STA 80+39.50, 12.52' RT  
INLET TYPE A, TYPE 3V FRAME AND GRATE  
EOP EL = 521.69  
INV EL = 518.20 (FROM 29)  
INV EL = 518.00 (TO 31)
- 31 STA 80+24.50, 13.02' RT  
INLET TYPE B, TYPE 3V FRAME AND GRATE  
EOP EL = 521.72  
INV EL = 517.90 (FROM 30)  
INV EL = 517.70 (TO 32)
- 32 STA 80+19.50, 13.92' LT  
MANHOLE, TYPE A, 5' DIAMETER, TYPE 24 FRAME AND GRATE  
EOP EL = 521.75  
INV EL = 514.65 (FROM 26)  
INV EL = 512.94 (FROM 27)  
INV EL = 517.35 (FROM 31)  
INV EL = 512.21 (TO 33)
- 33 STA 79+57.59, 14.59' LT  
REINFORCED CONCRETE PIPE TEE, 78" PIPE WITH 30" RISER  
INV EL = 509.63 (78" PIPE)  
INV EL = 511.63 (30" RISER)
- 34 STA 96+85.00, 12.25' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 548.78  
INV EL = 545.53 (TO 35)
- 35 STA 96+85.00, 12.75' LT  
INLET TYPE B, TYPE 24 FRAME AND GRATE  
EOP EL = 548.78  
INV EL = 545.40 (FROM 34)  
INV EL = 545.20 (TO 36)
- 36 STA 97+42.00, 12.25' LT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 547.71  
INV EL = 544.65 (FROM 35)  
INV EL = 544.45 (TO 37)
- 37 STA 97+64.20, 20.88' LT  
INLET TYPE A, TYPE 3V FRAME AND GRATE  
EOP EL = 546.70  
INV EL = 543.65 (FROM 36)  
INV EL = 539.65 (TO 39)
- 38 STA 98+10.17, 31.00' LT  
INLET TYPE A, TYPE 8 GRATE  
GRATE EL = 544.80  
INV EL = 542.40 (TO 39)
- 39 STA 98+32.00, 13.33' LT  
MANHOLE, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE  
EOP EL = 546.03  
INV EL = 539.00 (FROM 37)  
INV EL = 542.10 (FROM 38)  
INV EL = 539.00 (TO 41)
- 40 STA 98+60.00, 12.25' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 545.50  
INV EL = 538.45 (TO 41)
- 41 STA 98+60.00, 15.21' LT  
INLET TYPE B, TYPE 8 GRATE  
GRATE EL = 544.83  
INV EL = 538.85 (FROM 39)  
INV EL = 538.30 (FROM 40)  
INV EL = 538.30 (TO 42)
- 42 STA 99+00.00, 12.25' LT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 549.77  
INV EL = 538.05 (FROM 41)  
INV EL = 538.05 (TO 43)
- 43 STA 99+45.00, 12.25' LT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 544.35  
INV EL = 537.80 (FROM 42)  
INV EL = 537.80 (TO 46)
- 44 STA 99+80.00, 12.25' LT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 544.40  
INV EL = 541.15 (TO 45)
- 45 STA 99+67.00, 12.52' LT  
INLET TYPE B, TYPE 3V FRAME AND GRATE  
EOP EL = 544.35  
INV EL = 541.05 (FROM 44)  
INV EL = 540.85 (TO 46)
- 46 STA 99+57.00, 12.75' LT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 544.33  
INV EL = 537.70 (FROM 43)  
INV EL = 540.75 (FROM 45)  
INV EL = 537.55 (TO 52)
- 47 STA 99+47.00, 12.52' RT  
INLET TYPE A, TYPE 3V FRAME AND GRATE  
EOP EL = 544.35  
INV EL = 541.10 (TO 52)
- 48 STA 101+40.00, 12.25' LT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 548.20  
INV EL = 548.20  
INV EL = 541.00 (TO 49)
- 49 STA 101+40.00, 12.75' RT  
INLET TYPE B, TYPE 24 FRAME AND GRATE  
EOP EL = 548.20  
INV EL = 540.60 (FROM 48)  
INV EL = 540.60 (TO 50)
- 50 STA 99+80.00, 12.25' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 544.40  
INV EL = 539.90 (FROM 49)  
INV EL = 539.90 (TO 51)
- 51 STA 99+67.00, 12.52' RT  
INLET TYPE A, TYPE 3V FRAME AND GRATE  
EOP EL = 544.35  
INV EL = 539.80 (FROM 50)  
INV EL = 539.80 (TO 52)
- 52 STA 99+57.00, 13.52' RT  
MANHOLE, TYPE A, 4' DIAMETER, TYPE 3V FRAME AND GRATE  
EOP EL = 544.33  
INV EL = 536.00 (FROM 46)  
INV EL = 541.00 (FROM 47)  
INV EL = 539.75 (FROM 51)  
INV EL = 534.00 (TO 53)
- 53 STA 99+66.45, 97.67' RT  
PRECAST REINFORCED CONCRETE FLARED END SECTION, 15"  
INV EL = 533.50 (FROM 52)
- 54 STA 81+96.45, 56.49' RT  
PIPE ELBOW, 6" (90 DEGREES)
- 55 STA 81+74.25, 56.58' RT TO  
STA 81+96.25, 56.49' RT  
SLOTTED VANE DRAIN
- 56 STA 81+73.25, 56.58' RT  
PIPE ELBOW, 6" (90 DEGREES)
- 57 STA 81+73.18, 39.56' RT  
PIPE ELBOW, 6" (45 DEGREES)

STORM SEWER SCHEDULE									
LOCATION		LENGTH (FT)	DIAMETER (IN)	SLOPE (%)	CLASS	TYPE	TRENCH BACKFILL (CU YD)		
FROM STATION	TO STATION								
6 - STA 92+10.00, 12.25' RT	7 - STA 92+10.00, 12.75' LT	23	12	0.79	B	WATER MAIN REQ	3.5		
7 - STA 92+10.00, 12.75' LT	9 - STA 90+80.00, 12.75' LT	128	12	0.75	B	WATER MAIN REQ	17.2		
8 - STA 90+80.00, 12.25' RT	9 - STA 90+80.00, 12.75' LT	23	12	0.83	B	2	1.0		
9 - STA 90+80.00, 12.75' LT	11 - STA 90+00.00, 13.33' LT	77	12	0.78	B	1	13.0		
10 - STA 90+00.00, 12.25' RT	11 - STA 90+00.00, 13.33' LT	23	12	0.78	B	2	3.6		
11 - STA 90+00.00, 13.33' LT	13 - STA 88+30.00, 12.75' LT	167	12	0.78	B	2	3.5		
12 - STA 88+30.00, 12.25' RT	13 - STA 88+30.00, 12.75' LT	23	12	0.96	B	WATER MAIN REQ	3.5		
13 - STA 88+30.00, 12.75' LT	15 - STA 87+10.00, 13.33' LT	117	12	0.98	B	2	34.7		
14 - STA 87+10.00, 12.25' RT	15 - STA 87+10.00, 13.33' LT	23	12	0.92	B	2	3.6		
15 - STA 87+10.00, 13.33' LT	16 - STA 86+12.00, 12.25' LT	96	12	1.36	B	2	31.5		
16 - STA 86+12.00, 12.25' LT	17 - STA 85+90.41, 21.27' LT	22	12	1.81	B	2	7.5		
17 - STA 85+90.41, 21.27' LT	19 - STA 84+82.00, 13.33' LT	107	12	2.70	B	WATER MAIN REQ	23.6		
18 - STA 84+82.00, 12.25' RT	19 - STA 84+82.00, 13.33' LT	23	12	0.78	B	2	3.6		
19 - STA 84+82.00, 13.33' LT	20 - STA 83+00.00, 12.25' LT	179	12	4.88	B	2	23.9		
20 - STA 83+00.00, 12.25' LT	22 - STA 82+00.00, 13.33' LT	97	12	5.21	B	2	13.1		
21 - STA 82+00.00, 12.25' RT	22 - STA 82+00.00, 13.33' LT	23	12	1.09	B	WATER MAIN REQ	22.5		
22 - STA 82+00.00, 13.33' LT	23 - STA 80+74.00, 12.75' LT	123	15	1.10	B	2	93.9		
23 - STA 80+74.00, 12.75' LT	24 - STA 80+54.50, 13.02' LT	17	15	1.47	B	2	7.8		
24 - STA 80+54.50, 13.02' LT	25 - STA 80+39.50, 12.75' LT	12	15	1.60	B	2	10.1		
25 - STA 80+39.50, 12.75' LT	26 - STA 80+29.50, 12.75' LT	7	15	2.01	B	2	7.5		
26 - STA 80+29.50, 12.75' LT	32 - STA 80+19.50, 13.92' LT	6	15	2.33	B	2	8.0		
27 - STA 80+36.00, 55.50' LT	32 - STA 80+19.50, 13.92' LT	41	8	0.77	B	2	6.0		
28 - STA 80+59.50, 12.25' RT	29 - STA 80+49.50, 12.52' RT	9	12	0.47	B	WATER MAIN REQ	1.3		
29 - STA 80+49.50, 12.52' RT	30 - STA 80+39.50, 12.52' RT	9	12	0.59	B	WATER MAIN REQ	1.3		
30 - STA 80+39.50, 12.52' RT	31 - STA 80+24.50, 13.02' RT	13	12	0.77	B	WATER MAIN REQ	2.4		
31 - STA 80+24.50, 13.02' RT	32 - STA 80+19.50, 13.92' LT	24	12	1.48	B	WATER MAIN REQ	5.6		
32 - STA 80+19.50, 13.92' LT	33 - STA 79+57.59, 14.59' LT	59	30	0.98	A	2	94.2		
33 - STA 96+85.00, 12.25' RT	35 - STA 96+85.00, 12.75' LT	23	12	0.57	B	WATER MAIN REQ	1.0		
34 - STA 96+85.00, 12.75' LT	36 - STA 97+42.00, 12.25' LT	55	12	1.00	B	WATER MAIN REQ	7.5		
35 - STA 97+42.00, 12.25' LT	37 - STA 97+64.20, 20.88' LT	22	12	3.58	B	WATER MAIN REQ	3.1		
36 - STA 97+64.20, 20.88' LT	39 - STA 98+32.00, 13.33' LT	66	12	0.99	B	WATER MAIN REQ	3.5		
37 - STA 98+32.00, 13.33' LT	39 - STA 98+32.00, 13.33' LT	25	12	1.18	B	WATER MAIN REQ	0.6		
38 - STA 98+10.17, 31.00' LT	41 - STA 98+60.00, 15.21' LT	25	12	0.60	B	WATER MAIN REQ	21.3		
39 - STA 98+32.00, 13.33' LT	41 - STA 98+60.00, 15.21' LT	25	12	0.59	B	WATER MAIN REQ	23.4		
40 - STA 98+60.00, 12.25' RT	42 - STA 99+00.00, 12.25' LT	38	12	0.66	B	WATER MAIN REQ	31.1		
41 - STA 98+60.00, 15.21' LT	42 - STA 99+00.00, 12.25' LT	44	12	0.57	B	WATER MAIN REQ	32.8		
42 - STA 99+00.00, 12.25' LT	43 - STA 99+45.00, 12.25' LT	44	12	0.57	B	WATER MAIN REQ	32.8		
43 - STA 99+45.00, 12.25' LT	46 - STA 99+57.00, 12.75' LT	10	12	1.01	B	WATER MAIN REQ	8.6		
44 - STA 99+80.00, 12.25' LT	45 - STA 99+67.00, 12.52' LT	12	12	0.87	B	WATER MAIN REQ	1.7		
45 - STA 99+67.00, 12.52' LT	46 - STA 99+57.00, 12.75' LT	8	12	1.26	B	WATER MAIN REQ	1.4		
46 - STA 99+57.00, 12.75' LT	52 - STA 99+57.00, 13.52' RT	23	12	6.66	B	WATER MAIN REQ	23.1		
47 - STA 99+47.00, 12.52' RT	52 - STA 99+57.00, 13.52' RT	7	12	1.35	B	1	1.5		
48 - STA 101+40.00, 12.25' LT	49 - STA 101+40.00, 12.75' RT	23	12	1.75	B	WATER MAIN REQ	22.5		
49 - STA 101+40.00, 12.75' RT	50 - STA 99+80.00, 12.25' RT	158	12	0.44	B	2	101.1		
50 - STA 99+80.00, 12.25' RT	51 - STA 99+67.00, 12.52' RT	12	12	0.87	B	2	3.2		
51 - STA 99+67.00, 12.52' RT	52 - STA 99+57.00, 13.52' RT	7	12	0.67	B	2	2.5		
52 - STA 99+57.00, 13.52' RT	53 - STA 99+66.45, 97.67' RT	83	15	0.60	A	2	12.6		
53 - STA 99+66.45, 97.67' RT	56 - STA 81+73.25, 56.58' RT	23	6	1.71	B	WATER MAIN REQ	*2.0		
54 - STA 81+96.45, 56.49' RT	57 - STA 81+73.18, 39.56' RT	17	6	4.88	B	WATER MAIN REQ	2.3		
55 - STA 81+73.25, 56.58' RT	21 - STA 82+00.00, 12.25' RT	38	6	4.88	B	WATER MAIN REQ	26.0		
56 - STA 81+73.18, 39.56' RT									
57 - STA 81+73.18, 39.56' RT									
TOTAL =							778.5		

\* MISCELLANEOUS CONCRETE

NOTES:

- 1 ALL OFFSETS TO MANHOLES AND INLETS ARE TO THE CENTER OF THE STRUCTURE.
- 2 ALL OFFSETS AND INVERTS FOR FLARED END SECTIONS ARE AT THE FLARED END OF THE END SECTION.
- 3 CONES ON MANHOLES OR INLETS LOCATED IN THE CURB AND GUTTER SHALL BE PLACED SO THAT THE NON-TAPERED SIDE OF THE CONE IS FACING THE PAVEMENT.
- 4 FLAT SLAB TOPS ON MANHOLES OR INLETS IN THE CURB AND GUTTER SHALL BE PLACED SO THAT THE OPENING IN THE FLAT SLAB TOP IS TOWARD THE PAVEMENT.

REVISONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCHEDULE OF QUANTITIES

SCALE: VERT. NA  
HORIZ. NA  
DATE

DRAWN BY AJK, RJM  
CHECKED BY JWB