

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B979	05-00017-00-PV	MADISON	37	6
STA. N.A.		TO STA. N.A.		
FED. ROAD DIST. NO. ILLINOIS		FEDERAL AID PROJECT		

- 1 STA 13+67.50, 13.52' LT  
INLET TYPE A, TYPE 3V FRAME AND GRATE  
EOP EL = 527.30  
INV EL = 524.05 (TO 2)
- 2 STA 13+37.00, 28.56' RT  
INLET TYPE B, TYPE 3V FRAME AND GRATE  
EOP EL = 527.04  
INV EL = 523.79 (FROM 1)  
INV EL = 523.69 (TO 3)
- 3 STA 12+71.00, 24.75' RT  
INLET TYPE A, TYPE 8 GRATE  
GRATE EL = 525.40  
INV EL = 523.42 (FROM 2)  
INV EL = 523.42 (TO 4)
- 4 STA 12+17.00, 13.75' RT  
INLET TYPE B, TYPE 24 FRAME AND GRATE  
EOP EL = 526.57  
INV EL = 523.15 (FROM 3)  
INV EL = 523.11 (FROM 5)  
INV EL = 523.11 (TO 6)
- 5 STA 12+17.00, 13.25' LT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 526.57  
INV EL = 523.32 (TO 4)
- 6 STA 10+83.00, 13.25' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 525.90  
INV EL = 522.54 (FROM 4)  
INV EL = 522.54 (TO 7)
- 7 STA 10+33.00, 21.15' RT  
INLET TYPE B, TYPE 3V FRAME AND GRATE  
EOP EL = 525.52  
INV EL = 522.27 (FROM 6)  
INV EL = 522.27 (FROM 9)  
INV EL = 522.17 (TO 8)
- 8 STA 10+33.00, 18.35' LT  
INLET TYPE B, TYPE 24 FRAME AND GRATE  
EOP EL = 525.64  
INV EL = 522.00 (FROM 7)  
INV EL = 521.90 (TO 10)
- 9 STA 10+23.50, 29.41' RT  
INLET TYPE A, TYPE 3V FRAME AND GRATE  
EOP EL = 525.59  
INV EL = 522.34 (TO 7)
- 10 STA 10+14.61, 13.83' LT  
EXISTING MANHOLE WITH LID  
PVM EL = 525.61  
EX INV EL = 520.11 (TO NORTH)  
EX INV EL = 522.26 (FROM SOUTH)  
INV EL = 521.73 (FROM 8)
- 11 STA 15+95.00, 13.25' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 525.97  
INV EL = 522.72 (TO 14)
- 12 STA 15+20.00, 23.58' LT  
INLET TYPE A, TYPE 8 GRATE  
GRATE EL = 526.00  
INV EL = 524.42 (TO 14)
- 13 STA 15+91.00, 24.50' LT  
INLET TYPE A, TYPE 8 GRATE  
GRATE EL = 524.75  
INV EL = 523.17 (TO 14)
- 14 STA 15+92.00, 13.77' LT  
INLET TYPE B, TYPE 24 FRAME AND GRATE  
EOP EL = 526.00  
INV EL = 522.60 (FROM 11)  
INV EL = 522.60 (FROM 12)  
INV EL = 523.07 (FROM 13)  
INV EL = 522.40 (TO 16)
- 15 STA 17+56.00, 13.25' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 524.05  
INV EL = 520.80 (TO 16)
- 16 STA 17+56.00, 13.75' LT  
INLET TYPE B, TYPE 24 FRAME AND GRATE  
EOP EL = 524.05  
INV EL = 520.80 (FROM 14)  
INV EL = 520.67 (FROM 15)  
INV EL = 520.47 (TO 19)
- 17 STA 18+28.00, 21.99' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 523.79  
INV EL = 520.54 (TO 18)
- 18 STA 18+83.00, 13.75' RT  
INLET TYPE B, TYPE 24 FRAME AND GRATE  
EOP EL = 523.04  
INV EL = 519.79 (FROM 17)  
INV EL = 519.68 (TO 19)
- 19 STA 18+92.00, 13.75' RT  
INLET TYPE B, TYPE 24 FRAME AND GRATE  
EOP EL = 522.99  
INV EL = 519.74 (FROM 16)  
INV EL = 519.56 (FROM 18)  
INV EL = 519.36 (TO 20)
- 20 STA 19+36.00, 24.00' LT  
INLET TYPE B, TYPE 8 GRATE  
GRATE EL = 521.65  
INV EL = 519.17 (FROM 19)  
INV EL = 519.07 (TO 21)
- 21 STA 19+65.16, 31.48' LT  
MANHOLE, TYPE A, 4' DIAMETER, TYPE 3V FRAME AND GRATE  
EOP EL = 522.18  
INV EL = 518.66 (FROM 20)  
INV EL = 517.85 (TO 22)
- 22 STA 20+10.50, 23.76' LT  
MANHOLE, TYPE A, 5' DIAMETER, TYPE 3V FRAME AND GRATE  
EOP EL = 522.12  
INV EL = 517.77 (FROM 21)  
INV EL = 518.74 (FROM 24)  
INV EL = 517.57 (TO 26)
- 23 STA 20+46.00, 25.00' RT  
INLET TYPE A, TYPE 8 GRATE  
GRATE EL = 521.80  
INV EL = 520.22 (TO 24)
- 24 STA 20+27.50, 13.25' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 522.30  
INV EL = 519.05 (FROM 23)  
INV EL = 518.94 (TO 22)
- 25 STA 21+41.50, 13.25' RT  
INLET TYPE A, TYPE 24 FRAME AND GRATE  
EOP EL = 521.72  
INV EL = 518.47 (TO 26)
- 26 STA 21+41.50, 14.33' LT  
MANHOLE, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE  
EOP EL = 521.72  
INV EL = 517.25 (FROM 22)  
INV EL = 518.27 (FROM 25)  
INV EL = 517.25 (TO 27)
- 27 STA 22+45.00, 13.75' LT  
INLET TYPE B, TYPE 24 FRAME AND GRATE  
EOP EL = 521.20  
INV EL = 516.95 (FROM 26)  
INV EL = 516.95 (TO 30)
- 28 STA 22+99.00, 24.50' RT  
INLET TYPE A, TYPE 8 GRATE  
GRATE EL = 520.07  
INV EL = 518.49 (TO 29)
- 29 STA 23+44.00, 13.75' RT  
INLET TYPE B, TYPE 24 FRAME AND GRATE  
EOP EL = 520.69  
INV EL = 517.44 (FROM 28)  
INV EL = 517.25 (TO 30)
- 30 STA 23+44.00, 14.33' LT  
MANHOLE, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE  
EOP EL = 520.69  
INV EL = 516.64 (FROM 27)  
INV EL = 517.05 (FROM 29)  
INV EL = 516.64 (TO 31)
- 31 STA 24+19.00, 14.33' LT  
MANHOLE, TYPE A, 4' DIAMETER, TYPE 8 GRATE  
EOP EL = 519.81  
INV EL = 516.35 (FROM 30)  
INV EL = 516.35 (TO 32)
- 32 STA 26+05.00, 14.33' LT  
MANHOLE, TYPE A, 4' DIAMETER, TYPE 8 GRATE  
EOP EL = 518.86  
EX INV EL = 515.50 (FROM 31)  
INV EL = 515.50 (TO 33)
- 33 STA 27+70.00, 14.33' LT  
MANHOLE, TYPE A, 4' DIAMETER, TYPE 8 GRATE  
EOP EL = 518.02  
INV EL = 514.66 (FROM 32)  
INV EL = 514.66 (TO 34)
- 34 STA 27+71.00, 14.33' RT  
MANHOLE, TYPE A, 4' DIAMETER, TYPE 8 GRATE  
EOP EL = 518.02  
INV EL = 514.51 (FROM 33)  
INV EL = 514.51 (TO 35)
- 35 STA 28+61.95, 35.62' RT  
EXISTING CONCRETE STRUCTURE  
GROUND EL = 519.37  
INV EL = 513.99 (FROM 34)  
EX INV EL = 514.07 (FROM WEST)  
EX INV EL = 514.24 (FROM NORTH)  
EX INV EL = 515.39 (FROM NORTHEAST)  
EX INV EL = 513.94 (TO SOUTHWEST)  
EX INV EL = 513.89 (TO SOUTHWEST)

STORM SEWER SCHEDULE							
LOCATION		LENGTH (FT)	DIAMETER (IN)	SLOPE (%)	CLASS	TYPE	TRENCH BACKFILL (CU YD)
FROM STATION	TO STATION						
1 - STA 13+67.50, 13.52' LT	2 - STA 13+37.00, 28.56' RT	50	12	0.52	B	WATER MAIN REQ	6.6
2 - STA 13+37.00, 28.56' RT	3 - STA 12+71.00, 24.75' RT	64	12	0.42	B	WATER MAIN REQ	8.3
3 - STA 12+71.00, 24.75' RT	4 - STA 12+17.00, 13.75' RT	52	12	0.52	B	1	12.4
5 - STA 12+17.00, 13.25' LT	4 - STA 12+17.00, 13.75' RT	25	12	0.84	B	WATER MAIN REQ	3.3
4 - STA 12+17.00, 13.75' RT	6 - STA 10+83.00, 13.25' RT	133	12	0.43	B	1	17.5
6 - STA 10+83.00, 13.25' RT	7 - STA 10+33.00, 21.15' RT	49	12	0.56	B	1	12.5
9 - STA 10+23.50, 29.41' RT	7 - STA 10+33.00, 21.15' RT	10	12	0.67	B	1	1.4
7 - STA 10+33.00, 21.15' RT	8 - STA 10+33.00, 18.35' LT	37	12	0.46	B	1	4.9
8 - STA 10+33.00, 18.35' LT	10 - STA 10+14.61, 13.83' LT	16	12	1.08	B	1	2.4
11 - STA 15+95.00, 13.25' RT	14 - STA 15+92.00, 13.77' LT	25	12	0.48	B	WATER MAIN REQ	3.3
12 - STA 15+20.00, 23.58' LT	14 - STA 15+92.00, 13.77' LT	71	12	2.57	B	1	11.7
13 - STA 15+91.00, 24.50' LT	14 - STA 15+92.00, 13.77' LT	9	12	1.11	B	1	1.0
14 - STA 15+92.00, 13.77' LT	16 - STA 17+56.00, 13.75' LT	161	12	0.99	B	WATER MAIN REQ	21.3
15 - STA 17+56.00, 13.25' RT	16 - STA 17+56.00, 13.75' LT	25	12	0.52	B	WATER MAIN REQ	3.3
16 - STA 17+56.00, 13.75' LT	19 - STA 18+92.00, 13.75' RT	133	12	0.55	B	1	17.6
17 - STA 18+28.00, 21.99' RT	18 - STA 18+83.00, 13.75' RT	54	12	1.40	B	WATER MAIN REQ	14.3
18 - STA 18+83.00, 13.75' RT	19 - STA 18+92.00, 13.75' RT	26	12	0.46	B	WATER MAIN REQ	3.5
19 - STA 18+92.00, 13.75' RT	20 - STA 19+36.00, 24.00' LT	43	15	0.44	B	1	10.3
20 - STA 19+36.00, 24.00' LT	21 - STA 19+65.16, 31.48' LT	27	15	1.54	B	1	5.0
21 - STA 19+65.16, 31.48' LT	22 - STA 20+10.50, 23.76' LT	40	24	0.20	B	WATER MAIN REQ	8.9
23 - STA 20+46.00, 25.00' RT	24 - STA 20+27.50, 13.25' RT	21	12	5.59	B	WATER MAIN REQ	3.5
24 - STA 20+27.50, 13.25' RT	22 - STA 20+10.50, 23.76' LT	38	12	0.53	B	WATER MAIN REQ	5.0
22 - STA 20+10.50, 23.76' LT	26 - STA 21+41.50, 14.33' LT	128	24	0.25	B	2	67.6
25 - STA 21+41.50, 13.25' RT	26 - STA 21+41.50, 14.33' LT	25	12	0.80	B	1	3.3
26 - STA 21+41.50, 14.33' LT	27 - STA 22+45.00, 13.75' LT	101	24	0.30	B	1	17.8
27 - STA 22+45.00, 13.75' LT	30 - STA 23+44.00, 14.33' LT	97	24	0.32	B	WATER MAIN REQ	14.1
28 - STA 22+99.00, 24.50' RT	29 - STA 23+44.00, 13.75' RT	44	12	2.37	B	WATER MAIN REQ	7.3
29 - STA 23+44.00, 13.75' RT	30 - STA 23+44.00, 14.33' LT	25	12	0.80	B	1	3.3
30 - STA 23+44.00, 14.33' LT	31 - STA 24+19.00, 14.33' LT	72	24	0.40	B	1	8.3
31 - STA 24+19.00, 14.33' LT	32 - STA 26+05.00, 14.33' LT	183	24	0.46	B	1	21.2
32 - STA 26+05.00, 14.33' LT	33 - STA 27+70.00, 14.33' LT	162	24	0.52	B	1	18.8
33 - STA 27+70.00, 14.33' LT	34 - STA 27+71.00, 14.33' RT	26	24	0.59	B	WATER MAIN REQ	3.0
34 - STA 27+71.00, 14.33' RT	35 - STA 28+61.95, 35.62' RT	89	24	0.58	B	WATER MAIN REQ	10.1
TOTAL =							352

NOTES:

- 1 ALL OFFSETS TO MANHOLES AND INLETS ARE TO THE CENTER OF THE STRUCTURE.
- 2 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.
- 3 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.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. N.A.  
HORIZ. N.A.  
DATE 1/27/2011

DRAWN BY RJM, AJK  
CHECKED BY JWB

SCHEDULE OF QUANTITIES: ROOSEVELT STREET