

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326		McHENRY	502	23
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (105X & 106) WRS-2				

PIPE CULVERT REMOVAL					
Pipe Size	STA	OFFSET	STA	OFFSET	LENGTH
18 INCH	20+14.03	58.6 RT	21+79.78	60.0 RT	162.4
18 INCH	22+45.40	22.1 LT	23+96.16	26.2 LT	152
18 INCH	28+52.54	42.4 RT	29+46.97	40.2 RT	92.9
18 INCH	29+95.51	41.2 RT	30+37.10	39.1 RT	41
18 INCH	30+96.71	35.0 RT	31+87.42	31.5 RT	90.1
12 INCH	35+05.90	28.1 LT	35+78.66	26.6 LT	71.9
18 INCH	35+11.82	27.3 RT	36+82.95	34.7 RT	173.6
24 INCH	39+51.87	63.5 LT	39+54.05	52.5 RT	116.1
18 INCH	40+06.25	78.3 RT	40+47.64	50.7 RT	50.7
18 INCH	41+52.77	32.6 RT	41+79.94	32.7 RT	27.6
18 INCH	45+60.66	31.8 RT	47+94.43	31.3 RT	233.8
18 INCH	54+59.52	40.3 LT	55+71.14	42.0 LT	111.6
18 INCH	55+72.32	42.5 LT	55+73.38	60.0 RT	102.5
24 INCH	71+20.99	31.8 LT	71+44.09	32.0 LT	23.1
18 INCH	111+93.74	147.1 LT	112+64.38	180.1 LT	84.3
18 INCH	117+65.63	34.1 RT	118+53.99	33.8 RT	88.4
24 X 24	119+47.08	34.3 RT	119+61.04	35.0 LT	70.7
	132+08.63	38.1 RT	132+27.07	67.9 RT	35.3
	134+78.53	50.2 LT	134+78.87	57.1 LT	6.9
18 INCH	302+19.37	15.3 LT	302+58.42	19.7 LT	36.3
18 INCH	303+23.82	21.1 LT	303+47.92	20.1 LT	24.1
18 INCH	304+11.54	14.5 RT	304+38.81	14.8 RT	26.8
18 INCH	304+89.89	14.6 RT	305+01.43	14.4 RT	11.5

TOTAL = 1834 LF

INLETS TO BE REMOVED		
STA	OFFSET	EACH
100+28.69	22.7 RT	1
101+21.02	21.2 RT	1
103+53.95	20.9 RT	1
117+90.15	60.5 RT	1
118+20.49	60.3 RT	1
136+42.74	14.2 RT	1
137+42.10	14.1 RT	1
138+44.07	14.2 RT	1
139+27.07	13.1 RT	1
62+16.64	360.3 LT	1
62+46.31	363.1 LT	1
62+88.74	342.1 RT	1
63+15.68	330.1 RT	1
75+22.27	22.2 RT	1
75+51.81	233.8 LT	1
75+52.53	223.8 LT	1
75+86.49	236.7 LT	1
75+87.63	226.2 LT	1
75+95.00	271.7 RT	1
76+30.40	27.9 RT	1
76+46.01	188.4 RT	1
77+08.30	177.0 RT	1
77+60.11	38.8 RT	1
77+75.89	52.8 RT	1
78+41.38	21.9 LT	1
78+62.44	22.3 RT	1
80+59.65	20.9 LT	1
82+30.41	22.6 RT	1
83+71.79	20.5 LT	1
83+74.68	22.9 RT	1
85+43.21	20.3 LT	1
85+43.43	23.2 RT	1
87+11.93	19.9 LT	1
87+14.69	23.3 RT	1
88+37.95	20.7 LT	1
88+40.02	23.3 RT	1
90+01.17	18.2 LT	1
90+01.22	25.0 RT	1
90+99.94	35.6 RT	1
91+01.50	25.6 LT	1
92+93.06	13.4 LT	1
94+69.30	11.9 LT	1
95+80.43	11.7 LT	1
97+05.52	12.4 LT	1
97+06.86	30.6 RT	1
ALGONQUIN ROAD		
101+90.00	12.0 RT	1
102+50.00	9.0 RT	1
98+06.00	32.0 LT	1

TOTAL 48

CONCRETE HEADWALL FOR PIPE DRAINS

STA	EACH
IL ROUTE 47	
39+58.30	1
134+72.00	1

TOTAL = 2

PIPE UNDERDRAINS, 4" (SPECIAL)

STA	LENGTH
IL ROUTE 47	
39+58.30	10.0
134+72.00	10.0

TOTAL = 20 LF

MANHOLES TO BE REMOVED		
STA	OFFSET	EACH
104+94.76	25.0 LT	1
105+73.37	38.6 RT	1
106+67.57	36.9 RT	1
107+91.02	37.1 RT	1
108+06.44	34.4 LT	1
108+30.75	36.9 RT	1
110+67.20	36.3 RT	1
110+80.54	87.0 LT	1
111+89.73	144.0 LT	1
112+36.93	168.5 LT	1
112+41.24	167.0 LT	1
113+22.55	35.5 RT	1
114+93.46	34.0 RT	1
115+32.36	37.5 RT	1
115+66.27	39.7 RT	1
118+35.64	45.9 RT	1
119+46.70	52.5 RT	1
121+64.84	46.6 RT	1
123+86.03	48.9 RT	1
126+14.21	27.7 RT	1
134+05.61	53.5 LT	1
134+80.78	46.7 LT	1
16+56.40	53.9 LT	1
20+18.09	55.7 LT	1
20+75.35	29.9 LT	1
25+00.58	30.9 RT	1
35+99.23	30.9 RT	1
36+64.92	27.0 LT	1
45+43.64	22.8 LT	1
47+85.36	32.9 RT	1
55+34.46	25.2 LT	1
55+62.54	42.4 LT	1
62+15.48	27.6 LT	1
62+82.60	77.2 LT	1
64+97.59	30.7 LT	1
65+13.08	26.0 LT	1
68+93.11	25.5 LT	1
71+54.92	30.1 RT	1
71+70.72	28.6 RT	1
72+40.14	1.6 RT	1
72+41.17	23.8 LT	1
73+03.66	23.5 LT	1
73+05.13	16.3 RT	1
73+93.38	28.9 RT	1
73+94.62	36.7 RT	1
75+90.28	236.2 LT	1
76+15.84	1.5 RT	1
76+17.46	19.3 RT	1
76+20.11	108.6 RT	1
76+32.06	215.4 RT	1
78+71.16	65.7 RT	1
79+49.54	29.8 RT	1
80+40.92	22.5 RT	1
80+54.74	28.2 LT	1
82+29.50	27.9 LT	1
83+75.77	19.9 LT	1
84+05.65	27.3 LT	1
85+42.69	26.9 LT	1
87+12.80	28.5 LT	1
94+68.13	25.2 LT	1
95+79.96	24.5 LT	1
97+09.22	15.2 LT	1
98+09.64	23.5 LT	1
10+40.87	27.3 RT	1
10+90.86	24.9 RT	1
502+18.21	23.4 LT	1
ALGONQUIN ROAD		
100+83.87	14.4 RT	1
98+66.67	40.4 LT	1

TOTAL 68

ADJUSTMENTS				
LOCATION	STA	OFFSET	DESCRIPTION	EACH
CORAL	601+42.60	2.4 LT	MANHOLE	1
CORAL	601+92.90	22.9 RT	MANHOLE	1
IL-47	11+98.59	59.6 LT	MANHOLE	1
IL-47	12+81.79	59.2 LT	MANHOLE	1
IL-47	72+12.66	36.5 RT	MANHOLE	1
IL-47	91+05.28	47.6 LT	MANHOLE	1
IL-47	91+68.70	51.6 LT	INLET	1
IL-47	91+83.15	52.6 LT	CATCH BASIN	1
IL-47	110+80.54	87.0 LT	MANHOLE	1
IL-47	110+80.54	87.0 LT	MANHOLE	1
MILL ST	396+47.99	24.9 LT	MANHOLE	1
MAIN ST	496+01.72	16.5 LT	INLET	1
MAIN ST	496+28.71	22.1 LT	MANHOLE	1
MAIN ST	497+06.81	21.5 LT	MANHOLE	1
MAIN ST	502+18.80	72.9 LT	INLET	1
MAIN ST	502+32.38	51.7 LT	MANHOLE	1
MAIN ST	502+57.90	47.6 LT	INLET	1
MAIN ST	504+60.06	28.3 LT	CATCH BASIN	1
MAIN ST	504+65.41	26.3 LT	MANHOLE	1
MAIN ST	504+67.38	23.8 RT	INLET	1
REED RD	698+45.94	29.9 RT	CATCH BASIN	1
REED RD	698+45.98	26.0 RT	INLET	1
REED RD	698+46.47	34.0 LT	MANHOLE	1
REED RD	698+46.88	25.3 LT	INLET	1

STONE RIPRAP, CLASS A3

Street	Sta	OFFSET	Diameter (IN)	Area (SQ YD)
IL-47	17+50	74.0' RT	12	6.1
IL-47	19+79	69.0' RT	12	6.1
IL-47	23+00	71.0' LT	15	9.3
IL-47	23+07	65.0' RT	12	6.1
IL-47	24+15	67.0' RT	12	6.1
IL-47	39+53	69.0' LT	30X19	20.0
DEAN ST	301+60	30.0' RT	12	6.1
VINE ST	10+05	26.0' RT	18	13.2
JOAN AVE	5+66	55.5' LT	24	17.8
IL-47	134+13	94.5' LT	24	17.8
IL-47	136+44	64.0' LT	12	6.1

TOTAL = 115

STONE RIPRAP, CLASS A4

Street	Sta	OFFSET	Diameter (IN)	Area (SQ YD)
IL-47	25+25	RT	3 8'X10'	122.2
IL-47	25+25	LT	3 8'X10'	168.9
IL-47	134+82	68.0' LT	36	33.3

TOTAL = 325

STONE RIPRAP, CLASS A5

Street	STA	OFFSET	Diameter (IN)	Area (SQ YD)
IL-47	120+10	48.0' LT	60	60.0

TOTAL = 60

CATCH BASINS TO BE REMOVED

STA	OFFSET	EACH
102+86.00	33.2 RT	1
101+21.17	34.7 RT	1
101+95.93	38.0 RT	1
102+58.78	39.6 RT	1
102+99.66	24.9 LT	1
104+93.69	19.7 LT	1
106+51.26	22.7 RT	1
107+89.32	19.7 LT	1
108+80.55	19.8 LT	1
110+72.59	91.4 LT	1
113+23.04	21.0 RT	1
114+93.28	22.0 RT	1
20+12.53	60.4 RT	1
20+14.69	68.1 RT	1
72+94.47	39.4 RT	1
73+12.49	19.5 LT	1
73+20.34	22.5 RT	1
74+33.24	22.6 RT	1
74+34.29	19.5 LT	1
76+13.58	23.2 LT	1
76+31.88	20.3 LT	1
76+39.76	28.3 RT	1
76+42.13	28.9 LT	1
78+40.19	28.3 LT	1
78+71.94	38.5 RT	1
82+29.35	20.6 LT	1
88+53.99	87.9 LT	1
88+85.90	92.5 LT	1
95+18.58	101.8 LT	1
95+53.30	103.4 LT	1
ALGONQUIN ROAD		
101+98.00	9.0 RT	1
104+23.20	9.78 RT	1
104+49.70	16.0 RT	1
100+97.33	14.4 RT	1
98+07.00	18.2 RT	1

TOTAL 35

FLARED END SECTIONS TO BE REMOVED

STA	OFFSET	EACH
110+80.42	103.9 LT	1
110+97.98	111.5 LT	1
117+65.63	35.1 RT	1
118+54.00	34.8 RT	1
119+62.12	36.1 LT	1
134+81.13	59.0 LT	1
136+44.60	56.3 LT	1
18+01.09	61.4 LT	1
22+43.05	21.1 LT	1
23+98.57	25.5 LT	1
25+57.73	24.3 LT	1
28+52.54	43.4 RT	1
29+47.01	41.2 RT	1
29+95.55	42.2 RT	1
30+37.16	40.1 RT	1
35+05.89	27.2 LT	1
35+11.72	28.3 RT	1
35+78.62	25.6 LT	1
39+50.74	65.9 LT	1
39+53.22	54.9 RT	1
40+05.72	77.5 RT	1
40+47.12	49.9 RT	1
41+42.76	180.5 RT	1
41+52.78	33.6 RT	1
41+75.18	201.8 RT	1
41+79.93	33.7 RT	1
42+22.43	233.8 RT	1
42+43.57	250.7 RT	1
42+71.01	313.9 RT	1
42+91.22	331.0 RT	1
43+24.79	358.3 RT	1
43+36.25	367.7 RT	1
45+60.66	32.8 RT	1
47+94.44	32.3 RT	1
54+59.50	41.3 LT	1
55+71.12	43.0 LT	1
ALGONQUIN ROAD		
98+14.74	21	