

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	McHENRY	502	172
STA. 9+35.22		TO STA.142+08.53		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (105X & 106) WRS-2				

Link - ID	Class / Type	Upstream Structure	Downstream Structure	Diameter (Inches)	Length	Slope	Upstream Invert	Downstream Invert	TBF (CY)
1A	STORM SEWERS, CLASS A, TYPE I	A06	A05	12	46.2	0.40	889.26	889.08	6.3
1B	STORM SEWERS, CLASS A, TYPE II	A05	A04	12	4.0	0.40	889.08	889.06	0.7
1C	STORM SEWERS, CLASS A, TYPE I	A04	A07	18	246.5	0.34	889.05	888.21	66.1
1D	STORM SEWERS, CLASS A, TYPE II	A08	A11	12	10.7	0.40	888.48	888.44	4.0
1E	STORM SEWERS, CLASS A, TYPE II	A11	A10	12	65.0	0.40	888.44	888.18	24.2
1F	STORM SEWERS, CLASS A, TYPE II	A07	A10	18	10.2	0.27	888.21	888.18	3.8
1G	STORM SEWERS, CLASS A, TYPE II	A10	A09	18	5.5	0.40	888.18	888.16	3.6
1H	STORM SEWERS, CLASS A, TYPE II	A26	A01	12	245.5	1.00	893.61	891.16	120.6
1J	STORM SEWERS, CLASS A, TYPE II	A02	A01	12	3.8	0.40	891.18	891.16	2.1
1K	STORM SEWERS, CLASS A, TYPE II	A01	A04	15	220.5	0.59	890.33	889.03	0.0
1L	STORM SEWERS, CLASS A, TYPE II	A27	A26	12	38.9	0.40	896.46	896.30	6.9
1M	STORM SEWERS, CLASS A, TYPE II	A03	A02	12	41.4	0.40	891.34	891.18	7.4
1N	STORM SEWERS, CLASS A, TYPE I	A12	A10	18	94.3	0.40	888.72	888.34	31.6
1P	STORM SEWERS, CLASS A, TYPE I	1-6	A22	24	38.70	0.96	886.21	885.84	10.9
1Q	STORM SEWERS, CLASS A, TYPE I	A24	A21	12	11.74	0.80	886.16	886.07	1.8
1R	STORM SEWERS, CLASS A, TYPE II	299	A17	18 EQRS	117.26	0.55	886.52	885.88	124.6
1S	STORM SEWERS, CLASS A, TYPE II	A18	A19	24 EQRS	19.00	0.20	885.80	885.76	13.1
1T	STORM SEWERS, CLASS A, TYPE I	A22	A21	24	26.67	0.90	885.84	885.60	9.3
1U	STORM SEWERS, CLASS A, TYPE I	A21	A20	24	4.04	1.00	885.60	885.56	2.3
1W	STORM SEWERS, CLASS A, TYPE II	A15	A17	12	26.08	0.50	887.08	886.95	9.7
1X	STORM SEWERS, CLASS A, TYPE II	A17	A18	24 EQRS	19.06	0.20	885.84	885.80	14.0
1Y	STORM SEWERS, CLASS A, TYPE II	A19	A20	30 EQRS	167.70	0.16	885.76	885.50	189.3
1Z	STORM SEWERS, CLASS A, TYPE I	A20	A25	30 EQRS	49.37	0.60	885.50	885.20	26.3
287	STORM SEWERS, CLASS A, TYPE II	A13	A12	12	72.4	0.50	889.08	888.72	27.4
291	STORM SEWERS, CLASS A, TYPE II	413	A13	12	58.2	0.50	889.37	889.08	6.2

**CORAL STREET**

Link - ID	Class / Type	Upstream Structure	Downstream Structure	Diameter (Inches)	Length	Slope	Upstream Invert	Downstream Invert	TBF (CY)
C01	STORM SEWERS, CLASS A, TYPE I	C02	C01	12	20.0	0.50	887.03	886.93	2.0
C02	STORM SEWERS, CLASS A, TYPE I	C03	C01	12	23.6	0.50	887.05	886.93	2.8

**DEAN STREET**

Link - ID	Class / Type	Upstream Structure	Downstream Structure	Diameter (Inches)	Length	Slope	Upstream Invert	Downstream Invert	TBF (CY)
D1	STORM SEWERS, CLASS A, TYPE I	D2	D1	12	21.5	0.84	876.87	876.69	1.1
D2	STORM SEWERS, CLASS A, TYPE I	D3	D2	12	62.1	0.84	877.39	876.87	1.3
D3	STORM SEWERS, CLASS A, TYPE I	D4	D8	12	40.7	0.40	877.42	877.26	0.0
D4	STORM SEWERS, CLASS A, TYPE II	D7	D4	12	101.0	0.40	878.07	877.67	18.9
D5	STORM SEWERS, CLASS A, TYPE I	D6	D7	12	6.1	0.50	879.40	879.37	0.7
D6	STORM SEWERS, CLASS A, TYPE I	D5	D6	12	38.1	0.40	879.55	879.40	6.4
D7	STORM SEWERS, CLASS A, TYPE I	D9	D5	12	10.00	0.50	879.60	879.55	0.8

**JOAN STREET**

Link - ID	Class / Type	Upstream Structure	Downstream Structure	Diameter (Inches)	Length	Slope	Upstream Invert	Downstream Invert	TBF (CY)
958	STORM SEWERS, CLASS A, TYPE I	904	905	24	37.6	1.17	881.44	881.00	0.0
959	STORM SEWERS, CLASS A, TYPE I	864	865	12	34.0	0.50	883.23	883.06	5.3
960	STORM SEWERS, CLASS A, TYPE I	865	908	12	2.5	1.00	883.06	883.04	0.4
961	STORM SEWERS, CLASS A, TYPE I	866	867	12	10.7	1.00	882.32	882.21	1.6
962	STORM SEWERS, CLASS A, TYPE II	867	868	12	34.0	1.00	882.21	881.87	5.9
963	STORM SEWERS, CLASS A, TYPE I	869	868	12	10.6	1.00	882.26	882.15	1.7
1000	STORM SEWERS, CLASS A, TYPE I	900	901	24	89.0	0.28	881.27	881.02	1.1
1002	STORM SEWERS, CLASS A, TYPE I	906	904	24	20.0	0.20	881.48	881.44	11.5
1003	STORM SEWERS, CLASS A, TYPE I	907	906	24	123.4	0.20	881.88	881.63	40.7
1004	STORM SEWERS, CLASS A, TYPE I	908	907	24	103.4	1.00	882.91	881.88	32.6

**MAIN STREET**

Link - ID	Class / Type	Upstream Structure	Downstream Structure	Diameter (Inches)	Length	Slope	Upstream Invert	Downstream Invert	TBF (CY)
N01	STORM SEWERS, CLASS A, TYPE I	N04	N02	12	31.4	0.50	884.20	884.04	5.1
N02	STORM SEWERS, CLASS A, TYPE I	N03	N04	12	7.0	1.00	884.27	884.20	0.9
N03	STORM SEWERS, CLASS A, TYPE I	N01	N02	12	7.1	1.00	884.22	884.15	1.2
N04	STORM SEWERS, CLASS A, TYPE II	N02	N05	12	3.9	1.01	884.04	884.00	2.4
N06	STORM SEWERS, CLASS A, TYPE I	N11	N09	12	11.9	1.00	887.66	887.54	0.9
N07	STORM SEWERS, CLASS A, TYPE II	N09	N08	12	4.0	0.50	886.83	886.81	0.7
N08	STORM SEWERS, CLASS A, TYPE I	N08	N06	12	20.9	0.50	886.81	886.70	3.5
N09	STORM SEWERS, CLASS A, TYPE II	N10	N06	12	34.7	1.00	885.22	884.87	17.1
N11	STORM SEWERS, CLASS A, TYPE I	N12	N07	12	44.3	1.00	887.66	887.22	4.2

**MILL STREET**

Link - ID	Class / Type	Upstream Structure	Downstream Structure	Diameter (Inches)	Length	Slope	Upstream Invert	Downstream Invert	TBF (CY)
M01	STORM SEWERS, CLASS A, TYPE I	M01	M02	12	36.0	1.00	888.70	888.34	2.8
M02	STORM SEWERS, CLASS A, TYPE I	M02	M03	12	7.5	1.00	888.34	888.26	1.8
M03	STORM SEWERS, CLASS A, TYPE I	M05	M04	12	60.0	0.60	884.25	883.89	7.8
M04	STORM SEWERS, CLASS A, TYPE I	M06	M05	12	29.0	0.60	884.49	884.32	1.6

NOTES:  
 1. Trench Depth located from upstream subgrade elevation to spring line in storm sewer pipe.  
 2. Thickness of Parkway is 5 inches for topsoil / sidewalk, thickness of road is 21.75 inches.

21422.7

PLOT DATE = Wednesday, October 14, 2009  
 FILE NAME = S:\11-CADD\11-INT\1172.dwg  
 PLOT SCALE = 1:81  
 USER NAME = J3916



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**ILLINOIS ROUTE 47**  
**STORM SEWER PIPE SCHEDULES**  
**SHEET 4 OF 4**

SCALE: VERT. NO SCALE  
 HORIZ. DATE: 10/13/2009

DRAWN BY: E.D.  
 CHECKED BY: C.Z.

10/27/2009