

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8894	05-00073-01-PV	MADISON	68	2
STA. N.A.	TO STA. N.A.			
FED. ROAD DIST. NO. - ILLINOIS	FEDERAL AID PROJECT			

SPECIAL PROVISION	ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	FEDERAL SHARE	CITY SHARE
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	85	85	
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	206	206	
*	20100500	TREE REMOVAL, ACRES	ACRE	0.06	0.06	
	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	26	26	
	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	30	30	
	20200100	EARTH EXCAVATION	CU YD	4429	4429	
	20300100	CHANNEL EXCAVATION	CU YD	106	106	
	20400800	FURNISHED EXCAVATION	CU YD	1101	1101	
*	20800150	TRENCH BACKFILL	CU YD	1978	1399	579
	25000200	SEEDING, CLASS 2	ACRE	1.15	1.15	
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	103	103	
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	103	103	
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	103	103	
	25000700	AGRICULTURAL GROUND LIMESTONE	TON	2.3	2.3	
	25100115	MULCH, METHOD 2	ACRE	1.15	1.15	
	25100630	EROSION CONTROL BLANKET	SO YD	5521	5521	
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	115	115	
	28000400	PERIMETER EROSION BARRIER	FOOT	3131	3131	
	28000500	INLET AND PIPE PROTECTION	EACH	46	46	
	28100105	STONE RIPRAP, CLASS A3	SO YD	7	7	
	28100109	STONE RIPRAP, CLASS A5	SO YD	170	170	REMOVED
	28200200	FILTER FABRIC	SO YD	70	70	
	30200350	PROCESSING MODIFIED SOIL 8"	SO YD	8751	8751	
	30201500	LIME	TON	172	172	
	31100100	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	216	216	
	31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SO YD	8751	8751	
	31100700	SUB-BASE GRANULAR MATERIAL, TYPE A 8"	SO YD	361	361	
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	237	237	
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	728	728	
	40600300	AGGREGATE (PRIME COAT)	TON	15	15	
	40600895	CONSTRUCTING TEST STRIP	EA	1	1	
	40600990	TEMPORARY RAMP	SO YD	87	87	
	40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	42	42	
	40701821	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 7"	SO YD	7034	7034	
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	1670	1670	
	42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH	SO FT	10608	10608	
	42400800	DETECTABLE WARNINGS	SO FT	60	60	
	44000100	PAVEMENT REMOVAL	SO YD	5327	5327	
	44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	507	507	
	44000300	CURB REMOVAL	FOOT	16	16	
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	113	113	
	44000600	SIDEWALK REMOVAL	SO FT	95	95	
*	50105220	PIPE CULVERT REMOVAL	FOOT	504	504	
*	54201333	PIPE CULVERTS, TYPE 2, RCCP 78"	FOOT	146	146	
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	1	
	54213723	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 78"	EACH	4	4	
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	83	83	
	550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	59	59	
	550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	84	84	
	550B0320	STORM SEWERS, CLASS B, TYPE 2 8"	FOOT	41	41	
	550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	947	947	
	550B0360	STORM SEWERS, CLASS B, TYPE 2 15"	FOOT	165	165	
	55100500	STORM SEWER REMOVAL 12"	FOOT	82	82	
*	56100600	WATER MAIN 6"	FOOT	82		82
*	56100700	WATER MAIN 8"	FOOT	584		584
*	56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	3		3
	60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	5	5	
	60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1	
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	2	2	
	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	18	18	
	60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1	1	
	60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	9	9	
	60255500	MANHOLES TO BE ADJUSTED	EACH	7	7	
	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1	
	60500060	REMOVING INLETS	EACH	3	3	
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	5106	5106	
	61100605	MISCELLANEOUS CONCRETE	CU YD	2.0	2.0	
	63200310	GUARDRAIL REMOVAL	FOOT	54	54	
*	67100100	MOBILIZATION	L SUM	1	1	
*	70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1	
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	232	232	
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	5655	5655	
	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	294	294	

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	70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	122	122	
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	2230	2230	
	72000100	SIGN PANEL - TYPE 1	SO FT	120	120	
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	299	299	
△	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5655	5655	
△	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	294	294	
△	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	122	122	
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
*	Z0022800	FENCE REMOVAL	FOOT	817	817	
*	XX000679	CUT AND CAP EXISTING WATER MAIN	EACH	2		2
*	XX001386	SANITARY SEWERS, PVC, 8"	FOOT	301		301
*	XX001464	SANITARY SEWERS, PVC, 6"	FOOT	120		120
*	XX002154	MANHOLE, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	1	1	
*	XX197300	SLOTTED DRAIN	FOOT	22	22	
*	XX003037	DUCTILE IRON FITTINGS AND ACCESSORIES	POUND	1045		1045
*	XX004065	LINE STOP 8"	EACH	1	1	
*	XX004360	SANITARY SEWER BYPASS PUMPING	L SUM	1	1	
*	XX004706	CONNECT TO EXISTING WATER MAIN 6"	EACH	1	1	
*	XX004971	LINE STOP 6"	EACH	1	1	
*	XX005631	UTILITY STRUCTURES TO BE ADJUSTED	EACH	19	19	
*	XX006077	GATE VALVE AND BOX 6"	EACH	1	1	
*	XX006653	FENCE (SPECIAL)	FOOT	688	688	
*	X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	758	758	
*	X0322923	SEGMENTAL CONCRETE BLOCK WALL	SO FT	2856	2856	
*	X0324440	CONNECT TO EXISTING WATER MAIN 8"	EACH	1	1	
*	X5012610	CONCRETE HEADWALL REMOVAL PARTIAL	EACH	4	4	
*	X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	7	7	
*	X6020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	2	2	
*	XX007805	REINFORCED CONCRETE PIPE TEE, 78" PIPE WITH 30" RISER	EACH	1	1	
*	XX007806	PIPE ELBOW, 6"	EACH	3	3	
*	XX007807	STORM SEWER (WATER MAIN REQUIREMENTS) 6 INCH	FOOT	78	78	
		UTILITY COVERS TO BE ADJUSTED	EACH	10	10	RE-NAMED
		GATE VALVE WITH VALVE BOX, 6"	EACH	1	1	RE-NAMED
		RELOCATE EXISTING FIRE HYDRANT	EACH	3	3	RE-NAMED
*	XX007808	HYDRANT GATE VALVE AND ACCESSORIES	EACH	1	1	
*	XX007809	CORPORATION STOP AND HOUSE SERVICE CONNECTION, 3/4"	EACH	5	5	
*	XX007810	UTILITY PIPE REMOVAL	FOOT	1610	1610	
*	XX007811	PVC FORCE MAIN PIPE, 8"	FOOT	647	647	
		PVC SANITARY SEWER PIPE, 8"	FOOT	301	301	RE-NAMED
*	XX007812	SET OVER SANITARY SEWER MANHOLE AND LID	EACH	2	2	
*	XX007813	SANITARY SEWER MANHOLE AND LID	EACH	1	1	
*	XX007814	CONNECTION TO EXISTING WATER MAINS (Pressure)	EACH	2	2	
*	XX007815	FORCE MAIN BYPASS PUMPING	L SUM	1	1	
*	XX007816	SANITARY SEWER SERVICE LATERAL CONNECTION, 6"	EACH	3	3	
*	XX007817	DECORATIVE ROCK STRIP, 4"	SO YD	63	63	

△ Speciality Items

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATION. THE J.U.L.I.E. NUMBER IS 1-800-892-0123.
- IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- ALL UTILITY FACILITIES THAT REQUIRE RELOCATION WITHIN CITY R.O.W. SHALL BE COMPLETED BY THE UTILITY COMPANY UNLESS OTHERWISE SHOWN ON THE PLANS.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM.
- ANY REFERENCE WITHIN THESE PLANS TO A STANDARD SHALL BE INTERPRETED TO MEAN THE EDITION INDICATED BY THE SUB-NUMBER LISTED ON THE PREVIOUS SHEET OR THE COPY INCLUDED IN THESE PLANS.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.
- GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- SEEDING SHALL BE DONE ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. SEEDING SHALL BE PAID FOR ONLY WITHIN THE PROPOSED RIGHT-OF-WAY OR EASEMENT LIMITS. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

HOT-MIX ASPHALT BASE COURSE	112 LBS./SQ. YD.-IN.
HOT-MIX ASPHALT BINDER COURSE	112 LBS./SQ. YD.-IN.
HOT-MIX ASPHALT SURFACE COURSE	112 LBS./SQ. YD.-IN.
LIME	6.0% (59 LBS OF LIME/SQ. YD. OF SUBGRADE)
SOIL (DRY DENSITY)	110 LBS./CU. FT.
ALL AGGREGATE	2.05 TONS/CU. YD.
BITUMINOUS MATERIALS:	
- ON PAVEMENT	0.1 GAL./SQ. YD.
- ON AGGREGATE SURFACE	0.5 GAL./SQ. YD.
RIPRAP	1.50 TONS/CU. YD.
SEEDING FERTILIZER RATIO (NIT:PHOS:POT)	90:90:90 LBS./AC.
AGRICULTURAL GROUND LIMESTONE	2.00 TONS/AC.
MULCH	2.00 TONS/AC.
TEMPORARY EROSION CONTROL SEEDING	100 LBS./ACRE
- ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. AN ESTIMATED QUANTITY OF 237 TONS OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED IN THE PLANS FOR THIS WORK. THE QUANTITY SHALL BE USED AS DIRECTED BY THE ENGINEER FOR MAINTAINING ACCESS.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT. AND THE WATER MAIN INTER IS LESS THAN 1.5 FT. ABOVE THE STORM SEWER CROWN.
- STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 FT. ABOVE THE TOP OF THE SEWER.
- TRENCH BACKFILL REQUIRED FOR STORM SEWER SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOO SURFACE.
- ONLY THOSE TREES LISTED IN THE TREE REMOVAL SCHEDULE AND SHOWN IN THE REMOVAL PLAN SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES, PLANTS, AND WETLANDS FROM DAMAGE. ALL TREES AND STUMPS INDICATED ON THE PLANS FOR REMOVAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- BEFORE ORDERING PIPE CULVERTS, PIPE DRAINS OR MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR EXACT LENGTHS.
- ALL OPENINGS IN PRECAST STRUCTURES SHALL BE PRECAST TO THE PROPER SIZE. COSTS FOR THESE OPENINGS AND THE CONNECTIONS SHALL BE CONSIDERED INCLUDED IN THE VARIOUS PAY ITEM FOR THE STRUCTURES INVOLVED.
- MODIFICATIONS REQUIRED TO EXISTING INLETS OR MANHOLES IN ORDER TO CONNECT PROPOSED STORM SEWER PIPE SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.
- THE COST OF SEALING THE JOINT BETWEEN PROPOSED STORM SEWER AND EXISTING STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.
- THE CONTRACTOR SHALL OBSERVE ALL CONDITIONS OF ARTICLE 105.08 OF THE STANDARD SPECIFICATIONS IN THE CASE WHEN OTHER CONSTRUCTION WILL BE OCCURRING SIMULTANEOUSLY AND IN CLOSE PROXIMITY WITH THIS PROJECT. THE CONTRACTOR SHALL BE AWARE THAT DUE TO UNFORESEEN CIRCUMSTANCES A REVISION IN THE SUGGESTED SEQUENCE OF CONSTRUCTION MAY BE REQUIRED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY COSTS INCURRED.
- THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER PERMIT AND IMPLEMENT THE EROSION CONTROL PLAN INCLUDED IN THESE PLANS AND SPECIFIED HEREIN. AS SPECIFIED IN ARTICLE 107.23, THE ENGINEER MUST GIVE PRIOR APPROVAL BEFORE DISTURBANCE OF ANY AREA CAN BEGIN.
- A QUANTITY FOR TEMPORARY RAMPS HAS BEEN INCLUDED TO BE USED AS DIRECTED BY THE ENGINEER IF THE ROADWAYS ARE OPENED TO TRAFFIC PRIOR TO THE PLACEMENT OF THE HMA SURFACE COURSE. THE TEMPORARY RAMPS SHALL BE PLACED, MEASURED AND PAID FOR ACCORDING TO SECTION 400 OF THE STANDARD SPECIFICATIONS.
- THE HMA SURFACE COURSE SHALL BE COMPLETED IN ONE PHASE AT THE END OF THE PROJECT FOR ALL STAGES OF CONSTRUCTION.
- SOIL BORINGS HAVE BEEN TAKEN ALONG GERBER ROAD FOR USE IN THE RETAINING WALL DESIGNS ON THIS PROJECT. A COPY OF THE PRELIMINARY GEOTECHNICAL REPORT IS INCLUDED WITH THE CONTRACT DOCUMENTS FOR INFORMATION ONLY.
- THE INTERSECTION OF EAST LAKE DRIVE AND GERBER ROAD SHALL REMAIN OPEN TO TRAFFIC AT ALL TIMES.
- LOCATIONS OF THE PROPOSED 6" SANITARY SEWER PIPE AND SANITARY SEWER SERVICE LATERAL CONNECTIONS USED FOR HOUSE SERVICES ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD FOR EXACT LOCATION OF PLACEMENT FOR CONNECTING TO EXISTING HOUSE SERVICES.

REVISIONS	
NAME	DATE
REVISION #1	2/6/09

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND SUMMARY OF QUANTITIES

SCALE: N.T.S. DRAWN BY: AJK, RJM
 DATE: 10/29/03 CHECKED BY: REB