

SCHEDULES OF QUANTITIES

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MONTICELLO RD, CH 18 (FAS 530)	07-00419-00-RS	CHAMPAIGN	162	7
STA.	TO STA.			
F.H.W.A. REG.	ILLINOIS PROJECT	ARA-HSIP-531(108)		

STATION	OFFSET	PIPE CULVERTS, CLASS A, TYPE 1					PRECAST FLARED END SECTIONS					54247130 24" FES GRATING (EACH)	50105200 REMOVE EXISTING CULVERTS			BACKFILL	
		542A0223 18" (FOOT)	542A0229 24" (FOOT)	542A5473 18"ERS (FOOT)	542A5479 24" ERS (FOOT)	542A5485 30" ERS (FOOT)	54213663 18" (EACH)	54213669 24" (EACH)	54214503 18"ERS (EACH)	54214509 24" ERS (EACH)	54214515 30" ERS (EACH)		FYI DESCRIPTION	LENGTH FYI (FT)	EACH	59300100 CLSM CU YD	20800150 TRENCH BKFL CU YD
506+05	AR	--	--	--	--	48.0	--	--	--	2.0	--	2x2 BOX CULVERT	32.0	1.0	12.4	--	
518+50	25.0' LT	--	--	80.0	--	--	--	2.0	--	--	15" CMP	108.0	1.0	18.3	--		
518+55	26.0' RT	--	--	35.0	--	--	--	2.0	--	--	15" RCP	34.0	1.0	--	9.7		
LT 557+13-559+38		211.0	--	--	--	--	--	--	--	--	18" CMP	198.0	2.0	--	--		
599+95	AR	--	--	--	44.0	--	--	--	2.0	--	2x2 BOX CULVERT	31.0	1.0	7.0	--		
571+74	27.5' LT	48.0	--	--	--	2.0	--	--	--	--	18" CMP	46.0	1.0	24.5	--		
571+74	26.0' RT	--	--	62.0	--	--	--	2.0	--	--	18" CMP	46.0	1.0	--	18.9		
624+80	29.2' RT	58.0	--	--	--	2.0	--	--	--	--	1.5x2 BOX CULVERT	37.0	1.0	--	22.4		
644+12	AR	--	44.0	--	--	--	--	2.0	--	--	1.5x2 BOX CULVERT	37.0	1.0	6.8	--		
TOTALS =		317.0	44.0	177.0	44.0	48.0	4.0	2.0	6.0	2.0	2.0		569.0	10.0	69.0	51.0	

CLASS D PATCHES, 6"							
APPROX.	LENGTH	WIDTH	AREA	44201717 TYPE II	44201721 TYPE III	44201723 TYPE IV	
STATION	LT/RT	(FOOT)	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
466+00	27' LT	8.0	21.0	18.7			18.7
466+00	27' RT	7.0	21.0	16.3			16.3
466+20	LT	8.0	16.0	14.2	14.2		
466+20	RT	8.0	15.0	13.3	13.3		
506+05	LT	4.0	12.0	5.3	5.3		
506+05	RT	8.0	12.0	10.7	10.7		
518+50	27.5' LT	8.0	30.0	26.7			26.7
518+55	27.5' LT	8.0	30.0	26.7			26.7
518+54	27.5' RT	10.0	21.0	23.3			23.3
571+64	27.5' LT	13.0	16.0	23.1			23.1
571+78	27.5' LT	13.0	16.0	23.1			23.1
571+64	26 RT	11.0	16.0	19.6			19.6
571+78	26 RT	11.0	16.0	19.6			19.6
599+95	LT	7.0	12.0	9.3	9.3		
599+95	RT	7.0	12.0	9.3	9.3		
624+65	RT	13.0	26.0	37.6			37.6
644+12	LT	7.0	12.0	9.3	9.3		
644+12	RT	7.0	12.0	9.3	9.3		
SUB-TOTALS				80.7	143.7	91.0	
CONTINGENCY				20.3	36.3	23.0	
TOTALS				101.0	180.0	114.0	

FOR INFORMATION ONLY PRESERVE & PROTECT EX. SECTION CORNERS	
APPROX. LOCATION	EACH
417+02 LT	1.0
417+02 RT	1.0
465+99.94	1.0
492+29.38	1.0
518+49.35	1.0
571+74.09	1.0
624+64.23	1.0
676+75.14	1.0
TOTAL	8.0

66700205 PERMANENT SURVEY MARKERS, TYPE 1	
APPROX. LOCATION	EACH
439+76.93	1.0
598+20.75	1.0
651+01.48	1.0
TOTAL	3.0

60600095 CLASS SI CONCRETE (OUTLET)		
LOCATION	CU YD	
12' LT 651+62	1.0	
12' LT 660+00	1.0	
TOTAL	2.0	

60602500 CONCRETE GUTTER, TYPE A		
STATION TO STATION		FOOT
LT 651+62 660+00		838.0
TOTAL		838.0

LT/RT	STATION	NO WORK	PROPOSED STRUCTURES						STORM SEWERS, SPECIAL						BACKFILL		PRC FLARED	FYI - NOT A PAY ITEM
			60500050 CATCH BASINS (EACH)	60247800 JUNCTION CHAMBER (EACH)	60219000 TY A - 4' DIAM. TY 8 GRATE (EACH)	60236200 TYPE A TY 8 GRATE (EACH)	60240301 TYPE B TY 8 GRATE (EACH)	60240327 TYPE B TY 23 F&G (EACH)	61139900 6 INCH (FOOT)	61140000 8 INCH (FOOT)	61140100 10 INCH (FOOT)	61140200 12 INCH (FOOT)	61140600 18 INCH (FOOT)	61140900 24 INCH (FOOT)	20800150 TRENCH BACKFILL (CU YD)	59300100 CLSM (CU YD)	54213657 END SECTION 12 INCH (EACH)	CONCRETE COLLARS (EACH)
LT	457+00					1.0					300.0							
LT	460+00					1.0					300.0							
LT	463+00					1.0					278.0							
LT	465+78		1.0										40.0			6.5		
RT	465+78		1.0										8.0					1.0
LT	466+20		1.0										52.0			8.0		
RT	466+20		1.0										40.0			6.0		
RT	506+05		1.0										48.0					1.0
LT	558+38		1.0		1.0													
LT	579+37		1.0			1.0							12.0					1.0
RT	579+37		1.0				1.0						16.0					2.0
LT	599+84		1.0				1.0				12.0							1.0
RT	599+84		1.0					1.0			8.0	15.0						
LT	605+50	X																
RT	605+55	X																
RT	628+03			1.0									8.0					1.0
RT	628+76		1.0									64.0						
LT	629+69		1.0															
LT	630+00																	
LT	632+00						1.0					200.0						
LT	634+00						1.0					200.0						
LT	638+90		1.0										12.0	80.0				3.0
LT	643+00											8.0						1.0
LT	644+12		1.0															
LT	645+00																	1.0
LT	647+89			1.0							8.0	8.0						2.0
RT	648+01		1.0				1.0				8.0							1.0
LT	651+31																	
LT	654+00																	
LT	656+00																	
LT	658+00																	
LT	663+00																	
TOTALS			15.0	2.0	1.0	8.0	13.0	3.0	36.0	1,309.0	64.0	1,411.0	80.0	32.0	112.0	16.0	2.0	15.0

plus contingency for unlocated crossings
100.0 200.0 100.0
1,409.0 264.0 1,511.0

EARTHWORK SCHEDULE		CU YD
20200100 EARTH EXCAVATION		9,611
20200500 EARTH EXCAVATION (WIDENING)		2,471
TOTAL CUT		12,081
EMBANKMENT		9,069
TOTAL FILL		9,069
WASTE = EXCAVATION - (FILL x 1.25)		745
BORROW = [FILL - (Excavation/1.25)] * 1.25		-745
BORROW = FURNISHED EXCAVATION		0
1.25 REPRESENTS 25% SHRINKAGE FACTOR		

TREE REMOVAL		
	20100110 6 TO 15 UNIT DIA.	20100210 OVER 15 UNITS DIA.
STATION	UNIT	UNIT
LT 505+40	12.0	
LT 510+12		18.0
LT 511+50		18.0
LT 515+60	12.0	
LT 515+80		24.0
TOTALS	24.0	60.0