

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**

90% FED.  
 10% STATE  
 TOTAL  
 QUANTITIES

CONSTRUCTION TYPE CODE

CODE NO	ITEM	UNIT	URBAN	0005	0011	0021	0021	0005			
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	450	450							
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	68	68							
20200100	EARTH EXCAVATION	CU YD	2489	2489							
20400800	FURNISHED EXCAVATION	CU YD	43032	43032							
20700220	POROUS GRANULAR EMBANKMENT	CU YD	12	12							
25000200	SEEDING, CLASS 2	ACRE	6.3	6.3							
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	564	564							
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	564	564							
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	564	564							
25100105	MULCH, METHOD 1	ACRE	6.3	6.3							
25100630	EROSION CONTROL BLANKET	SQ YD	18717	18717							
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1253	1253							
28000305	TEMPORARY DITCH CHECKS	FOOT	286	286							
28000400	PERIMETER EROSION BARRIER	FOOT	2487	2487							
28000500	INLET AND PIPE PROTECTION	EACH	4	4							
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	1060	1060							
28200200	FILTER FABRIC	SQ YD	1060	1060							
35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	6358	6358							
35300410	PORTLAND CEMENT CONCRETE BASE COURSE 9 1/2"	SQ YD	1187	1187							
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	32.6	24.5				8.1			
40600300	AGGREGATE (PRIME COAT)	TON	90.8	52.3				38.5			
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	1259	808				451			
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	270					270			
40600990	TEMPORARY RAMP	SQ YD	345	300				45			
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	1095	1095							
40603570	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N90	TON	2252	1576				676			
40702001	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 16"	SQ YD	3705	3705							
42001200	PAVEMENT FABRIC	SQ YD	890	890							
42001300	PROTECTIVE COAT	SQ YD	1,061	1,061							
44000100	PAVEMENT REMOVAL	SQ YD	66	66							
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1038	1038							
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	14014	14014							
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1175	1175							
X4401980	CONCRETE BARRIER REMOVAL	FOOT	52	52							
44003100	MEDIAN REMOVAL	SQ FT	4935	4935							

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

Rev. 1-6-11  
 F.A.I. RTE. 64 SECTION 82-5K-2 COUNTY ST CLAIR TOTAL SHEETS 162 SHEET NO. 5 CONTRACT NO. 76D59  
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

# SUMMARY OF QUANTITIES

90% FED.  
10% STATE  
TOTAL

CONSTRUCTION TYPE CODE

CODE NO	ITEM	UNIT	QUANTITIES							
			URBAN	0005	0011	0021	0021	0005		
44004250	PAVED SHOULDER REMOVAL	SQ YD	3343	3343						
44200569	CLASS A PATCHES, TYPE III, 11 INCH	SQ YD	25	25						
44200571	CLASS A PATCHES, TYPE IV, 11 INCH	SQ YD	586	586						
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	495	213				282		
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	18	18						
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	387	387						
<del>44213000</del>	<del>PATCHING REINFORCEMENT</del>	<del>SQ YD</del>	<del>534</del>	<del>534</del>						
44213200	SAW CUTS	FOOT	5819	3850				1969		
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	4028	4028						
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	745	745						
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	183	47				136		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	3685	3685						
48203100	HOT-MIX ASPHALT SHOULDERS	TON	844	171				673		
50102400	CONCRETE REMOVAL	CU YD	23.2		23.2					
50104650	SLOPE WALL REMOVAL	SQ YD	372.7		372.7					
50104720	REMOVAL OF EXISTING CONCRETE DECK	EACH	1		1					
50157300	PROTECTIVE SHIELD	SQ YD	106		106					
50200100	STRUCTURE EXCAVATION	CU YD	332		332					
50300225	CONCRETE STRUCTURES	CU YD	190.5		190.5					
50300255	CONCRETE SUPERSTRUCTURE	CU YD	225.5		225.5					
50300260	BRIDGE DECK GROOVING	SQ YD	513		513					
50300300	PROTECTIVE COAT	SQ YD	648		648					
XX008423	PRECAST CONCRETE LAGGING	SQ FT	863		863					
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1					
50500505	STUD SHEAR CONNECTORS	EACH	1,790		1,790					
Z0007118	UNTREATED TIMBER LAGGING	SQ FT	1049		1049					
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	87,270		87,270					
50800515	BAR SPLICERS	EACH	32		32					
50901730	BRIDGE FENCE RAILING	FOOT	223		223					
51200957	FURNISHING METAL SHELL PILES 12" X 0.250"	FOOT	1068		1068					
Z0026402	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	1,517		1,517					
51202305	DRIVING PILES	FOOT	1,068		1,068					
51203200	TEST PILE METAL SHELLS	EACH	3		3					
51500100	NAME PLATES	EACH	1		1					
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	4		4					
52100520	ANCHOR BOLTS, 1"	EACH	14		14					
52100530	ANCHOR BOLTS, 1 1/4"	EACH	12		12					

Rev. 1-6-11

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PLOT DATE = 8/11/2010		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-5K-2	ST CLAIR	162	6
CONTRACT NO. 76D59			ILLINOIS FED. AID PROJECT	

# SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN	0005	0011	0021	0021	0005			
54213447	END SECTIONS 12"	EACH	2	2							
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2							
542A1900	PIPE CULVERTS, CLASS A, TYPE 3 15"	FOOT	116	116							
58600100	SAND BACKFILL	CU YD	94		94						
58700300	CONCRETE SEALER	SQ FT	2835		2835						
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	195		195						
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	17	17							
60100945	PIPE DRAINS 12"	FOOT	216	216							
60107700	PIPE UNDERDRAINS 6"	FOOT	5858	5858							
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	150	150							
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	275		275						
60500060	REMOVING INLETS	EACH	2	2							
60600605	CONCRETE CURB, TYPE B	FOOT	72	72							
60602800	CONCRETE GUTTER, TYPE B	FOOT	275		275						
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	147	147							
60607400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.24	FOOT	1102	1102							
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	6551	6551							
60621200	CONCRETE MEDIAN, TYPE SB-9.24	SQ FT	60	60							
60900240	TYPE C INLET BOX, STANDARD 609006	EACH	2		2						
60900515	CONCRETE THRUST BLOCKS	EACH	2	2							
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	175	175							
* 63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS	FOOT	150	150							
* 63000015	STEEL PLATE BEAM GUARD RAIL, TYPE D	FOOT	350	350							
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	3							
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3	3							
63200310	GUARDRAIL REMOVAL	FOOT	400	400							
63500105	DELINEATORS	EACH	36	36							
X6370279	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)	FOOT	28	28							
63700805	CONCRETE BARRIER TRANSITION	FOOT	38	38							
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12							
67100100	MOBILIZATION	L SUM	1	1							
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	2	2							
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	1	1							

\* Specialty Items  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-5K-2	ST CLAIR	162	7
CONTRACT NO. 76D59			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

# SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	QUANTITIES								
			URBAN	0005	0011	0021	0021				
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1							
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	1							
70100430	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	EACH	1	1							
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1							
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1							
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1							
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1							
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1							
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1							
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	365	365							
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6720	4380				2340			
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	483.6	483.6							
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	24502	15921				8581			
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	2034	2034							
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	779	779							
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	270	270							
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	745	485				260			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2103.5	2103.5							
72000100	SIGN PANEL - TYPE 1	SQ FT	107.25	107.25							
72000200	SIGN PANEL - TYPE 2	SQ FT	44	44							
72000300	SIGN PANEL - TYPE 3	SQ FT	660.75	660.75							
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	11	11							
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	8	8							
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	1	1							
73000100	WOOD SIGN SUPPORT	FOOT	181	181							
73302170	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (36" X 5' - 6")	FOOT	30	30							
73305000	OVERHEAD SIGN STRUCTURE WALKWAY	FOOT	30	30							
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	6.1	6.1							
78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	483.6	483.6							
78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	24502	15921				8581			

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		CHECKED -	REVISED -						CONTRACT NO. 76D59						
		DATE	REVISED -												

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**

90% FED.  
 10% STATE  
 TOTAL

CONSTRUCTION TYPE CODE

CODE NO	ITEM	UNIT	QUANTITIES							
			URBAN	0005	0011	0021	0021	0005		
* 88020170	SIGNAL HEAD, POLYCARBONATE, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8				8			
* 88200300	TRAFFIC SIGNAL BACKPLATE, PLASTIC	EACH	10				10			
* 88500500	INDUCTION LOOP DETECTOR AMPLIFIER	EACH	2				2			
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1572				1572			
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2				2			
* 89501100	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH	2				2			
* 89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	1				1			
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1439				1439			
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2				2			
* 89502380	REMOVE EXISTING HANDHOLE	EACH	6				6			
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	3				3			
X0301271	REMOVE EXISTING UNDERDRAINS	FOOT	2705	2705						
X2020502	BRACED EXCAVATION	CU YD	64		64					
Z0021908	SILICONE JOINT SEALER, 2"	FOOT	17.7		17.7					
X0321809	PERMANENT GROUND ANCHOR	EACH	26		26					
Z0021906	SILICONE JOINT SEALER, 1.5"	FOOT	17.7		17.7					
Z0033084	ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1C (GREEN)	FOOT	3765				3765			
X0323360	WOODEN POLE REMOVAL	EACH	10			10				
X0323586	PIPE DRAIN REMOVAL	FOOT	96	96						
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1048				1048			
* X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	2111		2111					
X0325751	DRIVING SOLDIER PILES	FOOT	844		844					
X7240605	REMOVE AND RE-ERECT BRIDGE MOUNTED SIGN	EACH	1		1					
X7800200	PAINT PAVEMENT MARKING CURB	FOOT	595		595					
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1					
Z0017202	DOWEL BARS 1 1/2"	EACH	1455		710			745		
Z0018900	DRILL AND GROUT DOWEL BARS	EACH	712		712					
Z0025100	FURNISHING AND INSTALLING CABLE SPLICES	EACH	54		28			26		
Z0030020	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2		2					
Z0030240	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2	EACH	4		4					
Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4		4					
Z0073200	TEMPORARY SHORING AND CRIBBING	EACH	1		1					
Z0075310	TIE BARS 3/4"	EACH	342	342						
Z0076400	TRAINERS	HOUR	1500	1500						

Rev. 1-3-11  
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 \*Specialty Items

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ct:\pw\work\pawdot\burnsideem\0166363\4876d59-shr-pla.dgn	DRAWN -	REVISED -	64							82-5K-2	ST CLAIR	162	11	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 76D59											
PLOT DATE = 8/11/2010	DATE -	REVISED -	SCALE:							SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

NEW PAVEMENT SCHEDULE											
LOCATION			BITUMINOUS MATERIALS (PRIME COAT)	LEVELING BINDER (MACHINE METHOD) N90, 3/4"	HMA FULL DEPTH 16"	POLYMERIZED HMA SURFACE COURSE, 1 1/2"	PCC BASE COURSE 9 1/2"	HMA BINDER COURSE IL 19.0, N90, 13 3/4"	AGGREGATE BASE COURSE TYPE A 12"	DRILL AND GROUT DOWEL BARS	STRIP REFLECTIVE CRACK CONTROL TREATMENT
			(TON)	(TON)	(SQ YD)	(TON)	(SQ YD)	(TON)	(SQ YD)	(EACH)	(FOOT)
IL 159											
23+59.8	TO	1+88(RAMP D)	1.3	25		51	606		606	297	593
29+20.9	TO	33+84.5	0.4	8		15	184		184	233	465
36+20.2	TO	39+85.27	0.9	17		33	397		397	183	365
RAMP "B"											
14+32.74	TO	18+77.30	1.2	22		44		393	526		445
17+21	TO	19+59.4	0.8	16		32		288	385		238
RAMP "C"											
13+14.61	TO	19+24.53	1.2	23		47		415	555		610
RAMP F											
0+00	TO	24+50	8.1		3705				3705		1312
TOTAL:			13.9	111	3705	223	1187	1095	6358	712	4028

AGGREGATE SHOULDERS					
LOCATION			RT/LT	AGGREGATE SHOULDERS TYPE A, 6"	AGGREGATE WEDGE SHOULDER, TYPE B
STA	TO	STA		(SQYD)	(TON)
IL 159					
23+44	TO	29+56	RT		17
29+22	TO	31+39.39	LT		6
36+25	TO	39+85.27	LT		10
RAMP "B"					
14+32.74	TO	18+77.30	RT		9
14+32.74	TO	17+21	LT		6
17+21	TO	19+59.4	LT		5
RAMP "C"					
13+09.61	TO	19+12.6	RT		12
13+09.61	TO	19+12.6	LT		12
17+21	TO	19+59.4	LT		5
RAMP F					
0+00	TO	24+50	RT	544	
2+37.48	TO	11+38.08	LT	200	
TOTAL :				745	47

CURB AND GUTTER						
LOCATION			CONCRETE CURB & CUTTER TYPE B9.24	CONCRETE CURB & CUTTER TYPE B6.06	CONCRETE CURB TYPE B	PROTECTIVE COAT
STA	TO	STA	(FOOT)	(FOOT)	(FOOT)	(SQ YD)
IL 159						
28+39.73	TO	29+04.71	128			28
28+63.89	TO	28+92.67		89		20
29+55.71	TO	33+84.25	854		24	195
36+23	TO	39+11.46	120		24	32
RAMP B						
19+52.45	TO	19+70		58		13
RAMP F						
11+01.25	TO	12+57.5			24	5
TOTAL :			1102	147	72	294

CONCRETE MEDIAN					
LOCATION			CONCRETE MEDIAN SURFACE 4"	CONCRETE MEDIAN TYPE SB-9.24	PROTECTIVE COAT
STA	TO	STA	(SQ FT)	(SQ FT)	(SQ YD)
IL 159					
28+39.73	TO	29+02.47	825	20	94
28+63.89	TO	28+92.67	310	20	37
29+58.48	TO	33+84.25	4135		459
38+50.27	TO	39+12.25	775	20	88
RAMP "B"					
19+52.45	TO	19+70	190		21
I-64					
536+35	TO	536+73	143		16
TOTAL			6378	60	715

HOT-MIX ASPHALT SHOULDERS, 8"				
LOCATION			RT/LT	AREA
STA	TO	STA		(SQ YD)
IL 159				
23+81.92	TO	1+88 (RAMP D)	RT	262
29+20.9	TO	33+33.72	LT	397
36+20.2	TO	39+85.27	LT	325
RAMP "B"				
14+32.74	TO	18+77.30	RT	296
17+21	TO	19+59.4	LT	106
RAMP "C"				
13+09.61	TO	19+12.6	LT	266
RAMP F				
0+00	TO	24+50	RT	1633
2+37.48	TO	11+38.08	LT	400
TOTAL :				3685

RAISED PAVEMENT MARKERS						
LOCATION			RAISED REFLECTOR PAVEMENT MARKER ONE WAY CRYSTAL	RAISED REFLECTOR PAVEMENT MARKER REMOVAL	RAISED REFLECTOR PAVEMENT MARKER ONE WAY CRYSTAL (BRIDGE)	PRISMATIC CURB REFLECTOR
STA	TO	STA	(EACH)	(EACH)	(EACH)	(EACH)
IL 159						
23+44	TO	30+00	48	47		36
30+00	TO	36+00	33	28	16	28
36+00	TO	40+85	39	34		17
RAMP B						
14+27.74	TO	18+00	17	14		
18+00	TO	19+75	13	13		11
RAMP C						
13+09.61	TO	19+22	18	15		
RAMP F						
1+52	TO	12+75	13			
12+75	TO	24+50	7			
TOTAL:			188	151	16	92

FILE NAME =	USER NAME = burnsideam	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

Rev. Sheet 1-3-11				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-5-2	ST CLAIR	162	16
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76D59	

RESURFACING SCHEDULE						
LOCATION		HMA SURFACE REMOVAL 2"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELING BINDER (MACHINE METHOD) IL-9.5FG, N90, 3/4"	POLYMERIZED HMA SURFACE COURSE, 1 1/2"
LOCATION		(SQ YD)	(TON)	(TON)	(TON)	(TON)
IL 159						
23+44	TO 30+00	6608	4.1	19.8	278	555
30+00	TO 36+00	2914	1.8	8.7	122	245
36+00	TO 40+85	3575	2.2	10.7	150	300
RAMP B						
14+32.74	TO 18+00		0.8	3.7	51	103
18+00	TO 19+81.83	411	0.3	2.7	38	35
RAMP C						
13+14.61	TO 19+24.53	506	0.9	4.1	58	116
TOTAL:		14014	10.1	49.8	697	1353

BRIDGE APPROACH SHOULDER DRAIN					
LOCATION		TYPE C INLET BOX, STANDARD 609006	PIPE DRAINS 12"	END SECTIONS 12"	CONCRETE THRUST BLOCKS
STA	RT/LT	(EACH)	(FOOT)	(FOOT)	(EACH)
IL 159					
33+74.12	LT	1	120	1	1
36+64.62	LT	1	96	1	1
TOTAL :		2	216	2	2

DELINEATORS				
LOCATION			RT/LT	QUANTITY
STA	TO	STA		(EACH)
RAMP "B"				
15+00	TO	18+00	RT	4
RAMP "C"				
14+00	TO	18+00	RT	6
RAMP F				
2+75	TO	10+80	LT	26
TOTAL :				36

SHOULDER RESURFACING SCHEDULE							
LOCATION			HMA SURFACE REMOVAL 1 1/2"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HMA SHOULDERS, 1 1/2"	HMA SHOULDERS, 2 1/2"
STA	TO	STA	(SQ YD)	(TON)	(TON)	(TON)	(TON)
IL 159							
23+53.7	TO	27+27	332	0.10	0.5	28	
28+91.8	TO	33+61.9	209	0.07	0.3	18	
36+23.7	TO	39+21	447	0.14	0.7	38	
40+13	TO	41+85	50	0.02	0.1	4	
RAMP "B"							
14+27.74	TO	17+21		0.04	0.2		18
RAMP "C"							
13+09.61	TO	19+22.95		0.13	0.6		60
RAMP "D"							
0+90.8	TO	1+88		0.01	0.1		6
TOTAL:			1038	0.5	2.5	87	84

TRAFFIC CONTROL						
LOCATION			RT/LT	TEMPORARY CONCRETE BARRIER (FOOT)	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2 (EACH)	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 (EACH)
STA	TO	STA				
IL 159						
31+39.39	TO	38+51.89	LT	709.5		
38+51.89					1	
FAI ROUTE 64						
534+83	TO	546+90	RT	1207		1
536+10	TO	536+97	MEDIAN	87	1	1
536+15	FO	537+12	MEDIAN	97	1	1
535+06	FO	535+89	LT	83	1	1
TOTAL :				2183.5	4	4

CONCRETE BARRIER								
LOCATION			RT/LT	CONCRETE BARRIER REMOVAL (FOOT)	PROTECTIVE COAT (SQ YD)	CONCRETE BARRIER TRANSITION (FOOT)	CONCRETE BARRIER, SINGLE FACE, 42" (FOOT)	CONCRETE MEDIAN SURFACE 4" (SQ FT)
STA	TO	STA						
FAI ROUTE 64								
536+35	TO	536+87	MEDIAN	52				
536+35	TO	536+73	MEDIAN		36	38	12	173
536+73	TO	536+87	MEDIAN		15		28	
TOTAL :				52	52	38	28	173

TEMPORARY RAMPS	
LOCATION	TEMPORARY RAMPS (SQ YD)
IL 159	
STA. 23+44	53
STA. 40+85	42
RAMP A	
STA. 0+89	17
RAMP B	
STA. 19+83.60	82
RAMP C	
STA. 19+24.53	80
RAMP D	
STA. 1+93	12
RAMP E	
STA. 2+58	14
TOTAL:	
	300

Rev. Sheet 1-3-11

CLASS B PAVEMENT PATCHING 10" INCH SCHEDULE										
LOCATION	LANE	LENGTH	LANE WIDTH	CLASS B PATCH TYPE II	CLASS B PATCH TYPE III	CLASS B PATCH TYPE IV	DOWEL BARS 1 1/2"	TIE BARS 3/4"	PAVEMENT FABRIC	SAWCUT
		(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(EACH)		(SQ YD)	(FT)
RAMP A							20			
0 + 10		50.0	6.0			33.3	20	25	33.3	124.0
RAMP B										
14 + 30	LT	6.0	12.0	8.0			20			60.0
14 + 32	RT	150.0	4.0			66.7	20	75	66.7	316.0
15 + 30	RT	6.0	12.0	8.0			20			60.0
16 + 50	RT	6.0	16.0	10.7			28			76.0
16 + 50	LT	6.0	16.0	10.7			28			76.0
17 + 50	RT	6.0	17.0	11.3			28			80.0
17 + 50	LT	6.0	17.0	11.3			28			80.0
18 + 20	RT	6.0	18.0	12.0			28			84.0
18 + 20	LT	6.0	18.0	12.0			28			84.0
19 + 65		25.0	30.0			83.3	28	13	83.3	170.0
RAMP C							20			
13 + 30		6.0	16.0	10.7			28			76.0
13 + 90		6.0	16.0	10.7			28			76.0
15 + 20		6.0	19.0	12.7			28			88.0
15 + 50		6.0	21.0	14.0			28			96.0
16 + 20	RT	6.0	12.0	8.0			20			60.0
16 + 20	LT	6.0	12.0	8.0			20			60.0
16 + 75	RT	6.0	12.0	8.0			20			60.0
16 + 75	LT	6.0	12.0	8.0			20			60.0
16 + 90	RT	280.0	6.0			186.7	20	140	186.7	584.0
17 + 00	RT	6.0	16.0	10.7			28			76.0
18 + 00	RT	8.0	18.0		16.0		28		16.0	88.0
RAMP D							20			
1 + 50		6.0	16.0	10.7			28			76.0
SUBTOTAL:				185.3	16.0	336.7	592.0	227.5	352.7	2486.0
ANTICIPATED FAILURES (15%):				27.8	2.4	50.5	3.0	3.0	3.0	372.9
TOTAL:				213	18	387	595	231	356	2859

CLASS A PAVEMENT PATCHING 11" INCH SCHEDULE										
LOCATION	LANE	LENGTH	LANE WIDTH	CLASS A PATCH TYPE III	CLASS A PATCH TYPE IV	PATCHING REINF.	TIE BARS 3/4"	PAVEMENT FABRIC	SAWCUT	
		(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(EACH)	(SQ YD)	(FT)	
IL 159										
28 + 63	MIDDLE	130.0	20.0	288.9	288.9	65	288.9	340.0		
36 + 15	NB	8.0	36.0	32.0	32.0		32.0	160.0		
36 + 15	SB	8.0	24.0	21.3	21.3		21.3	112.0		
38 + 75	MIDDLE	85.0	20.0	188.9	188.9	43	188.9	250.0		
SUBTOTAL:				21.3	509.8	531.1	107.5	531.1	862.0	
ANTICIPATED FAILURES (15%):				3.2	76.5	3.0	3.0	3.0	129.3	
TOTAL:				25	586	534	111	534	991	

GUARDRAIL REMOVAL				
LOCATION			RT/LT	GUARDRAIL REMOVAL (FOOT)
STA	TO	STA		
IL 159				
32+40	TO	33+77.5	RT	137.5
32+74	TO	33+86.55	LT	112.5
36+20.9	TO	37+70.9	LT	150
TOTAL :				400

TREE REMOVAL				
LOCATION			TREE REMOVAL (6 TO 15 UNITS)	TREE REMOVAL (6 TO 15 UNITS)
			(UNITS)	(UNITS)
IL 159				
23+44	TO	30+00	14	
36+00	TO	40+00	230	50
RAMP F				
0+00	TO	24+50	206	18
TOTAL:			450	68

COMBINATION CURB AND GUTTER REMOVAL				
LOCATION			AREA	REMOVAL (FOOT)
STA	TO	STA		
IL 159				
28+41.15	TO	28+87.54	MEDIAN	103
29+52	TO	33+84.25	MEDIAN	865
38+49.89	TO	39+18.89	MEDIAN	142
RAMP "B"				
19+63	TO	19+77	ISLAND	65
TOTAL:				1175

MEDIAN REMOVAL			
LOCATION			AREA (SQ FT)
STA	TO	STA	
IL 159			
28+41.7	TO	28+87.54	486
29+52	TO	33+84.6	3325
38+50.4	TO	39+18.89	929
RAMP "B"			
19+63	TO	19+77 (ISLAND)	195
TOTAL:			4935

REMOVING EXISTING UNDERDRAINS				
LOCATION			RT/LT	FOOT
STA	TO	STA		
IL 159				
23+81.92	TO	1+88 (RAMP D)	RT	593
29+4.5	TO	33+84.25	LT	480
36+20.2	TO	39+85.27	LT	365
RAMP "B"				
14+32.74	TO	18+77.30	RT	418
17+21	TO	19+71.27	LT	250
RAMP "C"				
13+14.61	TO	19+13.23	LT	599
TOTAL :				2705

PAVED SHOULDER REMOVAL				
LOCATION			RT/LT	AREA (SQ YD)
STA	TO	STA		
IL 159				
23+81.92	TO	1+88 (RAMP D)	RT	539
29+4.5	TO	33+84.25	LT	140
36+20.2	TO	39+85.27	LT	404
RAMP B				
14+32.74	TO	18+77.30	RT	270
17+21	TO	19+71.27	LT	139
RAMP C				
13+14.61	TO	19+24.53	LT	290
RAMP F				
11+38	TO	24+50	RT	1469
FAI ROUTE 64				
536+35	TO	536+87	MEDIAN	92
TOTAL :				3343

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -
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PLOT DATE = 1/4/2011		DATE -	REVISED -

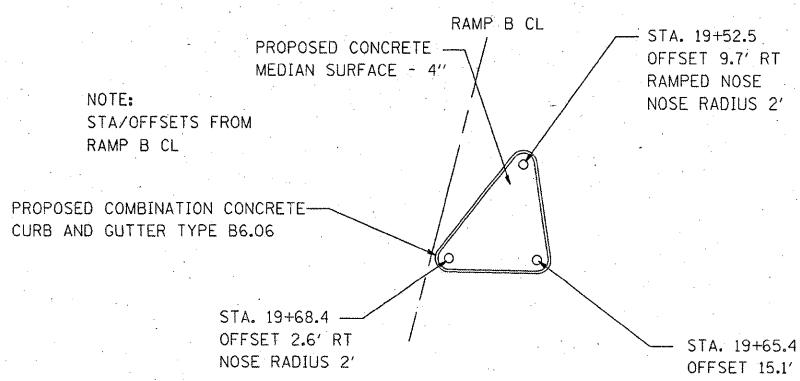
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES**

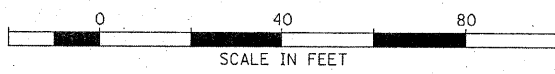
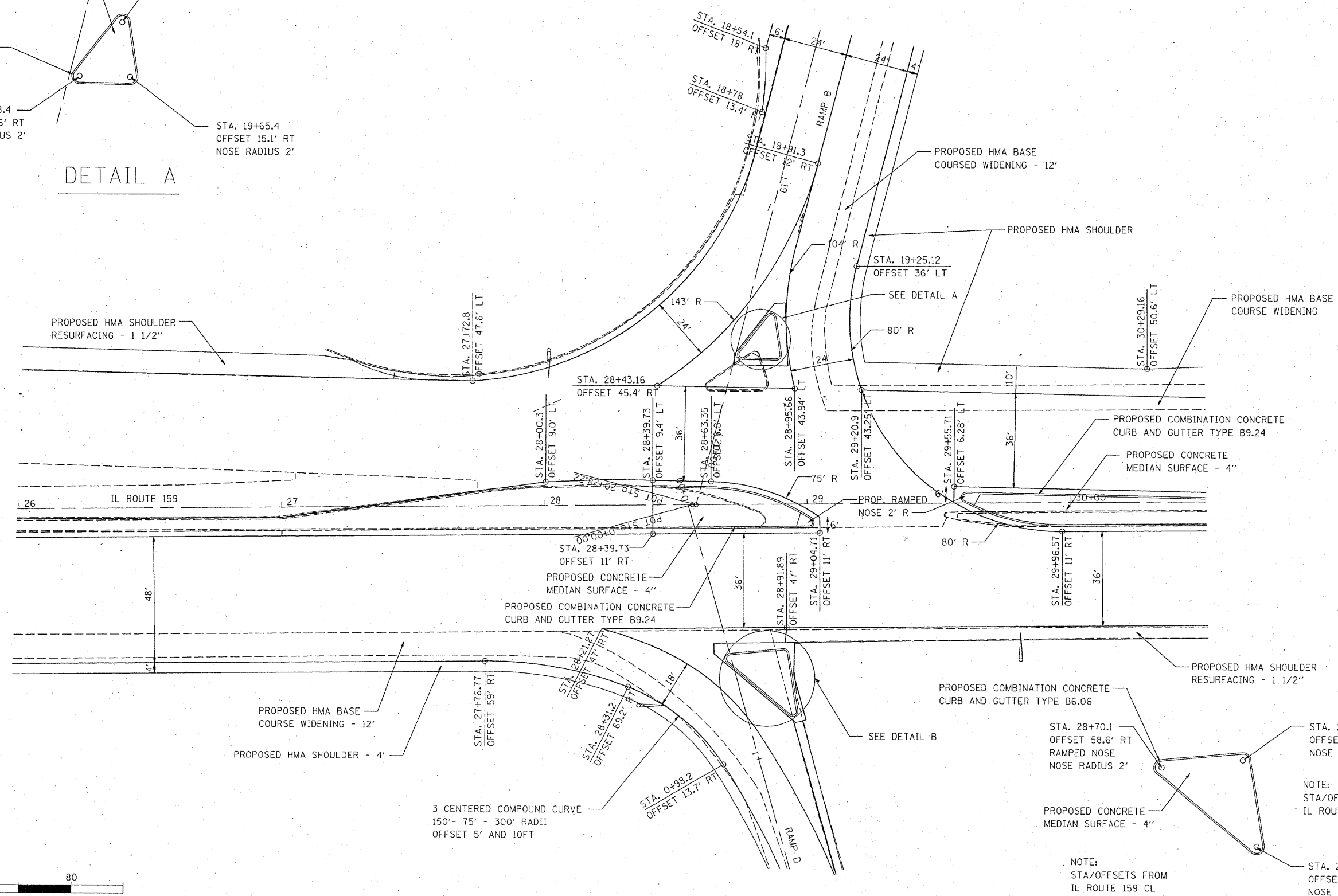
SCALE: SHEET NO. OF SHEETS STA. TO STA.

Rev. Sheet 1-3-11				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-5-2	ST CLAIR	162	20
CONTRACT NO. 76D59				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				





DETAIL A



DETAIL B

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -
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PLOT DATE = 1/4/2011		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

Rev. Sheet 1-3-11

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-5K-2	ST CLAIR	162	45
CONTRACT NO. 76D59				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

RESURFACING SCHEDULE						
LOCATION			BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELING BINDER (MACHINE METHOD) IL-9.5FG, N90, 1"	POLYMERIZED HMA SURFACE COURSE, 1 1/2"
LOCATION			(TON)	(TON)	(TON)	(TON)
RAMP "A"						
0+89	TO	10+67.1	1.1	5.2	98	146
RAMP "B"						
6+80	TO	14+27.74	1.1	5.5	102	154
RAMP "C"						
4+78.5	TO	13+09.61	1.0	4.4	83	124
RAMP "D"						
1+93	TO	10+14	0.9	4.4	82	123
RAMP "E"						
2+55.5	TO	10+51.7	1.0	4.6	86	129
TOTAL:			5.1	24.1	451	676

SHOULDER RESURFACING SCHEDULE						
LOCATION			BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	AGGREGATE WEDGE SHOULDER, TYPE B	HMA SHOULDERS, 2 1/2"
LOCATION			(TON)	(TON)	(TON)	(TON)
RAMP "A"						
0+89	TO	10+67.1	0.7	3.3	31.7	152
RAMP "B"						
6+80	TO	14+27.74	0.5	2.5	24.2	118
RAMP "C"						
4+78.5	TO	13+09.61	0.6	2.8	26.9	129
RAMP "D"						
1+93	TO	10+14	0.6	2.7	26.6	128
RAMP "E"						
2+55.5	TO	10+51.7	0.7	3.1	25.8	146
TOTAL:			3.0	14.4	136.0	673

CLASS B PAVEMENT PATCHING 10" INCH SCHEDULE						
LOCATION	LANE	LENGTH	LANE WIDTH	CLASS B PATCH TYPE II	DOWEL BARS 1 1/2"	SAWCUT
		(FT)	(FT)	(SQ YD)	(EACH)	(FT)
RAMP "A"						
1	+	41.8		6.0	16.0	10.7
1	+	94.6		6.0	16.0	10.7
2	+	47.4		6.0	16.0	10.7
2	+	73.8		6.0	16.0	10.7
3	+	0.2		6.0	16.0	10.7
3	+	53		6.0	16.0	10.7
4	+	5.8		6.0	16.0	10.7
4	+	58.6		8.0	16.0	14.2
6	+	17		6.0	16.0	10.7
RAMP "B"						
7	+	82.4		8.0	16.0	14.2
8	+	37.3	LT	8.0	6.0	5.3
8	+	37.3	RT	8.0	6.0	5.3
9	+	44.7	LT	8.0	6.0	5.3
9	+	44.7	CENTER	8.0	6.0	5.3
9	+	44.7	RT	8.0	6.0	5.3
-11	+	49.2	LT	6.0	12.0	8.0
12	+	59.6	LT	6.0	12.0	8.0
13	+	52.8	LT	6.0	12.0	8.0
13	+	52.8	RT	6.0	12.0	8.0
RAMP "C"						
12	+	59		6.0	16.0	10.7
RAMP "D"						
4	+	4.2		6.0	16.0	10.7
4	+	57		6.0	16.0	10.7
5	+	62.6		6.0	16.0	10.7
7	+	73.8		8.0	16.0	14.2
9	+	58.6		6.0	8.0	5.3
9	+	85		6.0	16.0	10.7
				245.3	648.0	1712.0
ANTICIPATED FAILURES (15%):				36.8	97.2	256.8
TOTAL:				282	745	1969

TEMPORARY RAMPS	
LOCATION	TEMPORARY RAMPS (SQ YD)
RAMP "A"	
10+67.1	8.9
RAMP "B"	
6+80	9.4
RAMP "C"	
4+78.5	8.9
RAMP "D"	
10+14	8.9
RAMP "E"	
10+51.7	8.9
TOTAL:	45

PAVEMENT MARKING SCHEDULE									
LOCATION			TEMPORARY PAVEMENT MARKING		PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-INLAID		SHORT-TERM PAVEMENT MARKING (3 LIFTS) (WHITE)	SHORT-TERM PAVEMENT MARKING (3 LIFTS) (YELLOW)	WORKZONE PAVEMENT MARKING REMOVAL
			LINE, 4" SOLID (WHITE)	LINE, 4" SOLID (YELLOW)	LINE, 4" SOLID (WHITE)	LINE, 4" SOLID (YELLOW)			
STA	TO	STA	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT
RAMP "A"									
0+89	TO	10+67.1	978	978	978	978	267	267	59
RAMP "B"									
6+80	TO	14+27.74	748	748	748	748	204	204	45
11+90	TO	14+27.74	233		233		64		7
RAMP "C"									
4+78.5	TO	13+09.61	831	831	831	831	227	227	50
RAMP "D"									
1+93	TO	10+14	821	821	821	821	224	224	50
RAMP "E"									
2+55.5	TO	10+51.7	796	796	796	796	217	217	48
SUB TOTAL:			4407	4174	4407	4174	1202	1138	260
TOTAL:			8581		8581		2340		260

PCC SURFACE REMOVAL - BUTT JOINTS	
LOCATION	BUTT JOINTS (SQ YD)
RAMP "A"	
10+67.1	53
RAMP "B"	
6+80	57
RAMP "C"	
4+78.5	53
RAMP "D"	
10+14	53
RAMP "E"	
10+51.7	53
TOTAL:	270