STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

ST. CLAIR 7 1 (26-1.27)R5-3 UBOS CONTRACT NO. 76M42

D-98-056-19



LOCATION OF SECTION INDICATED THUS: - -

INDEX OF SHEETS

- COVER SHEET
- 2 HIGHWAY STANDARDS, GENERAL NOTES, MIXTURE REQUIREMENTS AND COMMITMENTS
- SUMMARY OF QUANTITIES
- TYPICAL SECTIONS
- 5-6 SCHEDULE OF QUANTITIES
- 7 LOCATION MAP AND DETAILS

TRAFFIC DATA - FROM 5 BELT EAST TO WABASH AVE 2019 ADT=2800 (ACTUAL) 2022 ADT=2900 (ESTIMATED) 2042 ADT=3400 (ESTIMATED) SU= 6.1% MU= 0.6%

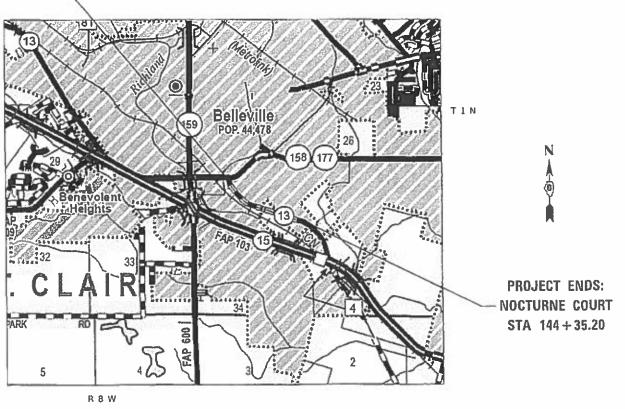
TRAFFIC DATA - FROM WABASH AVE TO NOCTURNE COURT 2019 ADT=1500 (ACTUAL) 2022 ADT=1550 (ESTIMATED) 2042 ADT=1800 (ESTIMATED) SU= 9.3% MU= 4.0%

PROJECT BEGINS: 100' SOUTH OF S BELT EAST STA 100 + 00

PROPOSED HIGHWAY PLANS

FAU ROUTE 9273 (IL 013) SECTION (26-1,27)RS-3 PROJECT STP-QE20(842) RESURFACING - STANDARD OVERLAY ST. CLAIR COUNTY

C-98-075-19



GROSS LENGTH = 4435.2 FT, = 0.84 MILE NET LENGTH = 4435.2 FT. = 0.84 MILE

CONTRACT NO. 76M42

J.U.L.I.E.

1-800-892-0123 OR 811

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS

PROJECT ENGINEER: TIFFANY BRASE (618) 346-3175

PROJECT MANAGER: MARCEL LARE (618) 346-3208

ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION MAY 8

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HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-09	PAVEMENT JOINTS
442201-03	CLASS C AND D PATCHES
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011 - 04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATION
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311 - 03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701501 - 06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001 - 04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

1. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

	AERIAL	BURIED
* AMEREN ILLINOIS	Х	Х
* AT&T ILLINOIS	Х	X
* CITY OF BELLEVILLE		X
* CHARTER COMMUNICATIONS	X	X
* ILLINOIS AMERICAN WATER COMPANY		X
* LEVEL 3 COMMUNICATIONS, LLC	Х	Х
* VERIZION BUSINESS	Х	X
* ZAYO GROUP LLC	X	Х

- 2. AN ESTIMATED QUANTITY OF 1840 TONS OF CUTTINGS FROM HMA REMOVAL IS ANTICIPATED.
- 3. NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.
- **4.** THE PROPOSED PAVEMENT MARKINGS SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.
- 5. ALL PATCHING ON THIS PROJECT SHALL BE COMPLETED PRIOR TO HMA SURFACE REMOVAL.
- 6. SHORT TERM PAVEMENT MARKING REMOVAL SHALL ONLY BE MEASURED AND PAID FOR ON THE FINAL SURFACE LIFT.
- 7. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB- CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORK FORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION- RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSE WORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL- TRAINED AND READY TO BECOME PRODUCTIVE ENTRY- LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORK FORCE AND TRAINEE GOALS
- 8. IF THE SURFACE REMOVAL ON THIS PROJECT PRODUCES A MILLED EDGE ANYWHERE
 GREATER THAN 1.5 INCHES BETWEEN ADJACENT OPEN LANES OF TRAFFIC, ONE OF THE FOLLOWING SHALL APPLY:
 -THE CONTRACTOR SHALL ORGANIZE THE WORK TO AVOID THE MILLED EDGE.
 -THE CONTRACTOR SHALL CONSTRUCT A TEMPORARY HOT MIX ASPHALT WEDGE ALONG THE MILLED EDGE.
 -THE CONTRACTOR SHALL CONSTRUCT A MILLED SLOPED EDGE (MINIMUM 1:3) ALONG THE MILLED EDGE.
- 9. THE USE OF VIBRATORY ROLLERS WILL NOT BE PERMITTED FOR THIS PROJECT. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE CONSTRUCTION OF THE BITUMINOUS PAVEMENTS AS SPECIFIED IN SECTIONS 406 & 407 OF THE STANDARD SPECIFICATIONS.
- 10. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING, TOPOGRAPHY AND QUANTITIES SHOWN IN THE PLANS WAS CREATED USING MICRIFILM AND FIELD MEASUREMENTS. ALL SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

MIXTURE REQUIREMENTS

ROUTE	FAU 9273 (IL 13)
SECTION	(26-1,27)RS-3
COUNTY	ST. CLAIR
CONTRACT	76M42

DESCRIPTION:	Resurfacing	along	IL :	13	from	S	Be l t	East	to	Nocturne	Ct	in	Belleville.	
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ADT (Construction Yr):	2800
MU%:	0.6
SU%:	6.1
20 YR. ESAL'S:	0.35

MIXTURE USE	SURFACE	BINDER		
AC/PG	PG 64-22	PG 64-22		
RAP % (MAX)	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION		
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70		
MIX COMPOSITION (Gradation)	IL 9.5	IL 9.5 FG		
FRICTION AGG	MIXTURE "C"	MIXTURE "C"		
QUALITY MGMT PROGRAM	QCP	QC/QA		

MIXTURE USE	SHOULDERS (Lower)	SHOULDERS (Surface)	PATCHING	
AC/PG	PG 64-22	PG 64-22	PG 64-22	
RAP % (MAX)	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	
DESIGN AIR VOIDS	4.0% @ Ndes=30	4.0% @ Ndes=30	4.0% @ Ndes=70	
MIX COMPOSITION (Gradation)	IL 19.0L	IL 9.5L	IL 19.0	
FRICTION AGG			MIXTURE "B"	
QUALITY MGMT PROGRAM	QC/QA	QC/QA	QC/QA	

COMMITMENTS

NONE

USER NAME = millerraj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2020	DATE -	REVISED -

SCALE:

HIGHWAY STANDARDS, GENERAL NOTES,	F.A.U RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MIXTURE REQUIREMENTS AND COMMITMENTS.		(26-1,27)RS-3	ST. CLAIR	7	2
WINTONE NEGOTIEWENTS AND COMMITTMENTS.			CONTRACT	NO. 76	M42
SHEET 1 OF 1 SHEETS STA TO STA		TILINOIS SED AL	D. DDOJECT		

				CONSTR. CODE
				80% FED 20% STATE
				ROADWAY
CODE			TOTAL	0005
NO.	ITEM	UNIT	QUANTITY	URBAN
NO.	1 EIVI	UNII	QUANTITI	URDAN
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	8064	8064
40600990	TEMPORARY RAMP	SQ YD	80	80
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	836	836
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	1003	1003
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	13654	13654
44200168	PAVEMENT PATCHING, TYPE II, 14 INCH	SQ YD	154	154
44200100	TAVEMENT FARCTING, THE 11, 14 INCH	30 10	134	154
44200172	PAVEMENT PATCHING, TYPE III, 14 INCH	SQ YD	66	66
10102100	ACCRECATE WEDGE CHOWNERS TYPE B	Tou	7.0	7.0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	70	70
48203100	HOT-MIX ASPHALT SHOULDERS	TON	267	267
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	2
67100100	MOBILIZATION	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
, 0102020	THAT I'VE CONTINUE AND THOTECTION, STANDARD 701301		1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1210	1210

				CONSTR. CODE
				80% FED 20% STATE
				ROADWAY
CODE			TOTAL	0005
NO.	ITEM	UNIT	QUANTITY	URBAN
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	134	134
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	12474	12474
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12474	12474
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	55	55
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	55	55
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	4168	4168
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	4435	4435
Z0034105	MATERIAL TRANSFER DEVICE	TON	1840	1840

* SPECIALTY ITEM

CONSTR. CODE

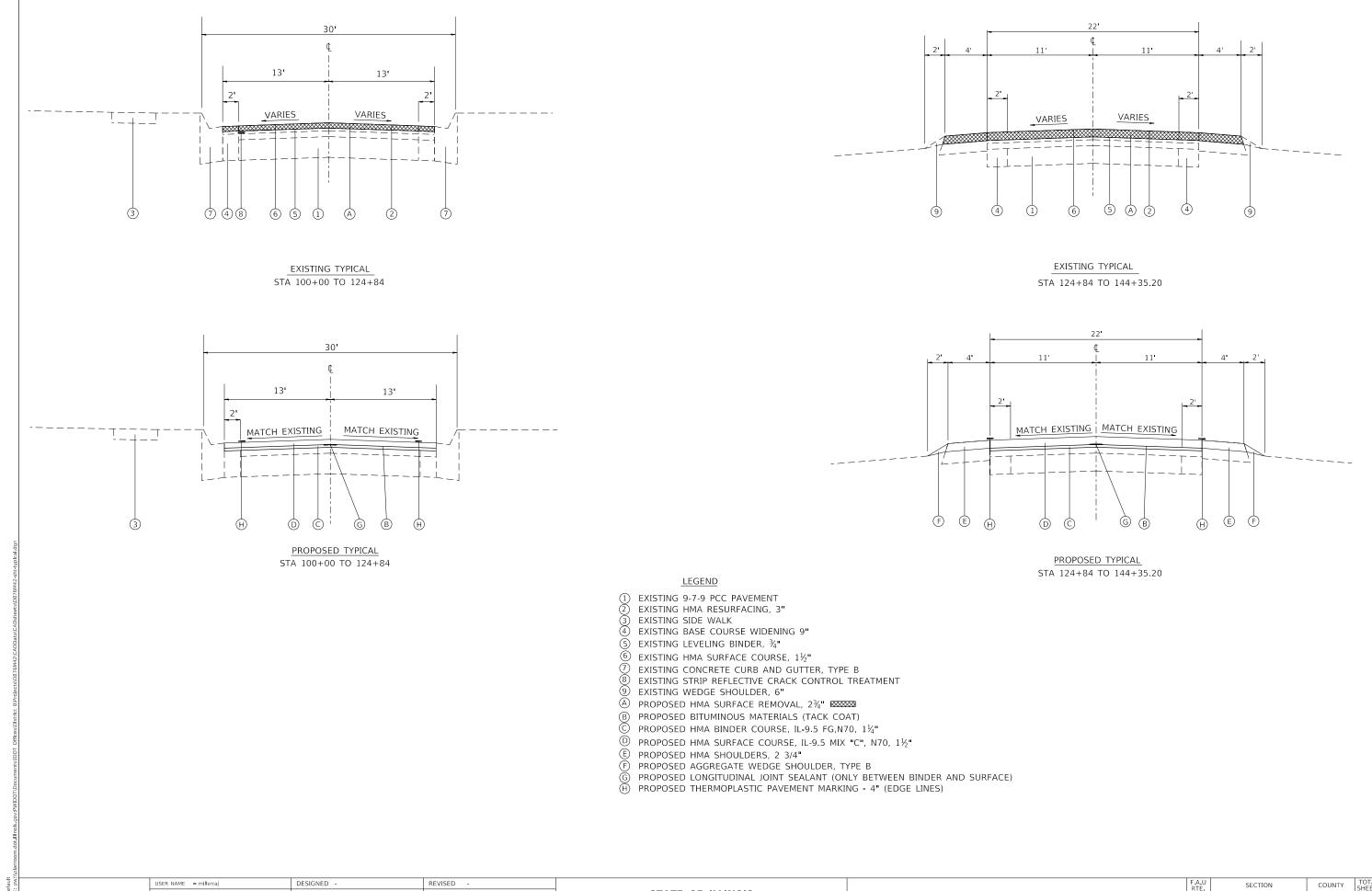
USER NAME = millerraj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

				F.A.U RTE. SECTION		COUNTY	COUNTY TOTAL SHEETS		
SUN	SUMMARY OF QUANTITIES						ST. CLAIR	7	3
							CONTRACT	NO. 76	5M42
SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

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 DRAWN REVISED

 CHECKED REVISED

 DATE REVISED

PLOT DATE = 3/5/2020

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A.U | SECTION | COUNTY | SHEET | NO. | SHEET | NO. | ST. CLAIR | NO. | ST. CLAIR

MAINLINE RESURFACING											
			НМА	BITUMINOUS	HMA	HMA SURFACE	LONGITUDINAL	MATERIAL			
LO	CATI	ON	SURFACE	MATERIAL	BINDER	COURSE, IL-9.5,	JOINT	TRANSFER			
			REMOVAL, 2.75"	(TACK COAT)	IL-9.5FG, N70	MIX "C", N70	SEALANT	DEVICE			
STA	ТО	STA	SQ YD	POUND	TON	TON	FOOT	TON			
100+00	ТО	100+27	78	53	5	6.6	27	12			
100+27	0+27 TO 104+99 1364		1364 920		95	114.5	472	210			
104+99	ТО	110+73	1658	1119	116	139.3	574	255			
110+73	ТО	116+47	1658	1119	116	139.3	574	255			
116+47	ТО	122+22	1661	1121	116	139.5	575	256			
122+22	ТО	124+84	757	511	53	63.6	262	117			
124+84	ТО	127+96	763	515	53	64.1	312	117			
127+96	ТО	133+70	1403	947	98	117.9	574	216			
133+70	ТО	139+44	1403	947	98	117.9	574	216			
139+44	ТО	144+35	1201	810	84	100.9	491	185			
							_				
-	ГОТА	L	11946	8063	836	1004	4435	1840			

	PAVEMENT MARKING SCHEDULE												
				THERMOPLA	STIC TE	MPORARY PAV	EMENT MARKIN	IG RAISED		SHORT TERM			
				LINE - 4"				REFLECTIVE	RAISED REFLECTIVE	PAVEMENT MARKING	SHORT TERM	TEMPORARY	TEMPORARY
LOCATION		OMISSIONS	SOLID WHITE EDGELINE	SOLID DOUBLE YELLOW	SKIP-DASH YELLOW CENTERLINE	SOLID YELLOW	PAVEMENT MARKER REMOVAL	PAVEMENT MARKER	(3 APPS)	PAVEMENT MARKING REMOVAL	PAVEMENT MARK I NG	PAVEMENT MARKING REMOVAL	
STA	ТО	STA		FOOT	FOOT	FOOT	FOOT	EACH	EACH	FOOT	SQ FT	FOOT	SQ FT
100+00	TO	100+27		54	54					7	1	108	36
100+27	ТО	104+99		944	944			6	6	129	14	1888	629
104+99	ТО	105+74		150	150			1	1	20	2	300	100
105+74	ТО	110+73		998		125	499	6	6	136	15	1622	541
110+73	TO	116+47		1148		144	101	7	7	157	17	1393	464
116+47	ТО	122+22		1150		144		7	7	157	17	1294	431
122+22	ТО	124+84		524		66		3	3	7 1	8	590	197
124+84	ТО	127+96		624		78		4	4	85	9	702	234
127+96	ТО	133+70	130	888		144		7	7	157	17	1032	344
133+70	Т	139+44		1148		144	399	7	7	157	17	1691	564
139+44	ТО	144+35	120	742		123	491	6	6	134	15	1356	452
							_				0.0		
SU	ВТОТА	ALS		8370	1148	965	1490	55	55	1210	134	11973	3991
GRA	ND TO	TAL				11973		55	55	1210	134	11973	3991

 USER NAME
 = millerraj
 DESIGNED
 REVISED

 DRAWN
 REVISED

 PLOT SCALE
 = 100.0000 \(^1\) in.
 CHECKED
 REVISED

 PLOT DATE
 = 3/4/2020
 DATE
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

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PAVEM	ENT PA	TCHING SC	HEDULE, (FULL DEPT	H, 14")				
					1	4"			
LOCATION	LOCATION			AREA	TYPE II	TYPE III			
STA	SIDE	FOOT	FOOT	SQ YD	SQ YD	SQ YD			
109+20	EB	4	13	5.8	5.8				
109+20	WB	6	13	8.7	8.7				
110+75	EB	15	13	21.7		21.7			
112+80	WB	6	13	8.7	8.7				
118+70	WB	6	13	8.7	8.7				
119+10	EB	6	13	8.7	8.7				
119+40	EB	6	13	8.7	8.7				
119+80	EB	6	13	8.7	8.7				
123+80	EB	12	13	17.3		17.3			
124+85	EB	12	11	14.7	14.7				
126+50	EB	10	11	12.2	12.2				
128+30	EB	6	11	7.3	7.3				
130+80	EB	4	11	4.9	4.9				
132+40	EB	4	11	4.9	4.9				
139+50	EB	6	11	7.3	7.3				
139+50	WB	15	11	18.3		18.3			
144+13	EB	10	11	12.2	12.2				
144+13	WB	10	11	12.2	12.2				
	Т	OTAL			133.6	57.3			
ANTI	CIPATED) FAILURES	(15%)		20.0	8.60			
	TOTAL								

TEMPORARY RAMP SCHEDULE										
2.7	75"	1.	5"	TEMPORARY RAMP						
WIDTH	LENGTH	WIDTH	LENGTH							
FOOT	FOOT	FOOT	FOOT	SQ YD						
26	10	26	5	43.3						
144+35.20 22		22	5	36.7						
				80.0						
	TOTAL			80						
	WIDTH FOOT 26	2.75" WIDTH LENGTH FOOT FOOT 26 10 22 10	2.75" 1. WIDTH LENGTH WIDTH FOOT FOOT FOOT 26 10 26 22 10 22	2.75" 1.5" WIDTH LENGTH WIDTH LENGTH FOOT FOOT FOOT FOOT 26 10 26 5 22 10 22 5						

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

		2011						F.A.U RTE SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
SCHEDULE OF QUANTITIES					9273	(26-1,2	7)RS-3	ST. CLAIR	7	6		
										CONTRACT	NO. 76	5M42
	SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT				

