06-10-2016 LETTING ITEM 132

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IRAFEIC DATA

SU=6.1%

SU=11.0% MU=5.1%

MU=3.0%

OLIVE ROAD TO IL 160

IL 160 TO MAIN ST 2015 ADT=1950 (ACTUAL)

MAIN ST TO IL 127

2015 ADT=2650 (ACTUAL)

2016 ADT=2700 (ESTIMATED)

2036 ADT=3250 (ESTIMATED)

2016 ADT=2000 (ESTIMATED) 2036 ADT=2400 (ESTIMATED)

2015 ADT=3550 (ACTUAL) 2016 ADT=3600 (ESTIMATED) 2036 ADT=4400 (ESTIMATED)

## STATE OF ILLINOIS

# **DEPARTMENT OF TRANSPORTATION**

**DIVISION OF HIGHWAYS** 

# **PROPOSED** HIGHWAY PLANS

**FAP ROUTE 785 (IL-140)** SECTION (136,137,138,139)RS-4

## BITUMINOUS SURFACE TREATMENT CLASS A-2 FROM OLIVE ROAD (EAST OF ALHAMBRA) TO NORTH JUNCTION IL 127

MADISON AND BOND COUNTIES

**BEGIN PROJECT** (INTERSECTION OF IL

140 AND OLIVE RD) **MILE 0.00** 

LATITUDE: 38.888219 LONGITUDE: -89.717347

C-98-009-16 **OMISSION** OMISSION SN 003-0025 SN 003-2013 R 4 W/ MILE 11.405-11.432 MILE 6.030-6.040 (NORTH JUNCTION OF IL 127) LATITUDE: 38.897706

**OMISSION** SN 003-0024 MILE 10.647-10.715

GROSS LENGTH = 81734,4 FT = 15.480 MILE

PROJECT ENGINEER - TIM PADGETT (618) 346-3180 PROJECT MANAGER - MESERET SIMA (618) 346-3141 NET LENGTH = 81195.80 FT = 15.378 MILE

(136,137,138,139)RS-4

D-98-013-16

\* MADISON & BOND

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

LOCATION OF SECTION INDICATED THUS: -

**END PROJECT** 

**MILE 15.48** 

**z** LONGITUDE: -89.437494

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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

J.U.L.I.E.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

CONTRACT NO. 76J36

0

0

#### INDEX OF SHEETS

- 1. COVER SHEET
- 2. INDEX, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS
- 3. SUMMARY OF QUANTITIES
- 4. TYPICAL SECTIONS
- 5. SCHEDULES OF QUANTITIES
- 6. LOCATION MAP
- . INTERSECTION DETAILS

#### HIGHWAY STANDARDS

000001-06 001006	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS DECIMAL OF AN INCH AND OF A FOOT
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
	OF HOAD OF CHARLON ZES EN TO TO ESTATE
701201-04	LANE CLOSURE, 2L, 2W DAY ONLY FOR SPEEDS 2 45 MPH
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY,
	FOR SPEEDS 2 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-05	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

#### GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITH THE PROFECT AREA BEFORE DIGGING, FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE	BELOW
Differi	GROUND	GROUND
◆VILLAGE OF ALHAMBRA		X
•ALHAMBRA-GRANTFORK TELEPHONE CO.	X	X
•AMEREN ILLINOIS	X	X
•AT & T ILLINOIS	X	X
•VILLAGE OF BETHALTO		X
*BOND MADISON WATER COMPANY		<u> </u>
*BUCKEYE PARTNERS L.PWOOD RIVER PIPELINE		ļ
•CHARTER COMMUNICATIONS, INC.	X	X
• CONSOLIDATED COMMUNICATIONS	X	X
•EXPORER PIPELINE COMPANY	<del>- </del>	<del>                                     </del>
*VILLAGE OF GRANTFORK		1
*VILLAGE OF HAMEL		X
*LEVEL(3) COMMUNICATIONS, LLC	<del>                                     </del>	X
•MADISON TELEPHONE COMPANY	X	X
*MARATHON PIPE LINE LLC	<del>-</del>	×
•MEADOWBROOK PUBLIC WATER DISTRICT	<del>_</del>	X X
*NORTHEAST CENTRAL COUNTY PUBLIC WATER DISTRICT		- ×
•MCLEOD TELECOMMUNICATIONS SERVICES, LLC	<del></del>	X
*SOUTHWESTERN ELECTRIC COOPERATIVE, INC.	X	X
*THREE COUNTY PUBLIC WATER DISTRICT		1X

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800)-892-0123 OR 811 ARE INDICATED BY \*. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

2. SECTION CORNER INFORMATION WILL BE PROVIDED AT THE PRE CONSTRUCTION MEETING.

- SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE 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 COURSEWORK (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 WORKFORCE AND TRAINEE GOALS.
- THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING IN THE PLANS IS PROVIDED AS A POINT OF REFERENCE AND FOR DISTANCE PURPOSES ONLY. ROADWAY DIMENSIONS WERE OBTAINED FROM MICROFILM AND OTHER SOURCES OF DATA. ALL SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS. FOR ANY VARIATIONS BETWEEN ACTUAL DIMENSIONS AND THOSE SHOWN IN THE PLANS, THE BITUMINOUS SURFACE TREATMENT SHALL BE PLACED AT LIMITS DETERMINED AT THE DISCRETION OF THE RESIDENT ENGINEER.
- 5. THE CONTRACTOR SHALL POST THE ROADWAY WITH "LOOSE GRAVEL" AND "SPEED LIMIT 35" SIGNS IN ACCORDANCE WITH APPLICABLE ARTICLES OF DIVISION 700 OF THE STANDARD SPECIFICATIONS. THESE SIGNS SHALL BE PLACED AT THE START OF WORK, NEAR INTERSECTING ROADWAYS AND THEN AT AN AVERAGE SPACING OF 0.5 MILES (0.8 KM). THE SIGNS MAY BE REMOVED AS SOON AS THE SWEEPING OPERATION HAS BEEN COMPLETED.
- 6. NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.
- 7. SIDEROADS AND ENTRANCES SHALL BE OPEN TO TRAFFIC AT ALL TIMES.
- 8. 'ROAD CONSTRUCTION AHEAD' SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT PLUS THE INTERSECTING SIDEROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" X 48" FLUORESCENT ORANGE.
- 9. ALL TRAFFIC CONTROL DEVICES AS HEREIN SPECIFIED AND ANY ADDITIONAL TRAFFIC CONTROL DEVICES AS DEEMED NECESSARY BY THE RESIDENT ENGINEER SHALL BE INCLUDED IN THE CONTRACT TRAFFIC CONTROL AND PROTECTION PAY ITEMS.
- 10. THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, OR AS DIRECTED BY THE ENGINEER.
- 11. THE CONTRACTOR SHALL NOTIFY THE GREENVILLE IDOT MAINTENANCE YARD TECHNICIAN JASON ROECKENHAUS AT (618) 593-4057 TWO WEEKS PRIOR TO THE APPLICATION OF THE BITUMINOUS SURFACE TREATMENT IN ORDER FOR IDOT MAINTENANCE CREWS TO MAKE ANY NEEDED REPAIRS TO THE PAVEMENT AND SHOULDERS.
- 12. ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
- 13. SHORT TERM PAVEMENT MARKING FOR THIS LOW VOLUME ROAD CONSISTS OF 2 APPLICATIONS OF THE 4 FOOT LONG BY 4" WIDE YELLOW CENTERLINE SKIP DASH AT 40' CENTER TO CENTER. PERMANENT "NO PASSING ZONE" WARNING SIGNS OR THE "DO NOT PASS"AND "PASS WITH CARE"REGULATORY SIGNS MAY BE USED TO DENOTE PASSING NO PASSING ZONES IN ACCORDANCE WITH ART.703.05. COST FOR SIGNS SHALL BE INCLUDED WITH SHORT TERM PAVEMENT PARKING
- 14. AT LOCATIONS WHERE PERMANENT PAVEMENT MARKINGS ARE PROPOSED, THE CONTRACTOR SHALL SWEEP THE ENTIRE ROADWAY A MINIMUM OF TWO WEEKS, BUT NOT TO EXCEED THREE WEEKS, AFTER APPLICATION OF SEAL COAT AGGREGATE TO ALLOW PLACEMENT OF THE PAINT PAVEMENT MARKINGS. OF THIS TIME FRAME, THERE MUST BE SEVEN CONSECUTIVE DAYS OF DRY WEATHER BEFORE THE FINAL PAVEMENT MARKINGS CAN BE APPLIED. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE PRICE OF THE SURFACE TREATMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

#### COMMITMENTS

NONE

• MADISON & BOND

ŀ	LE NAME =	USER NAME = esmam	DESIGNED ~	REVISED -		INDEX, HIGHWAY STANDARDS, GENERAL					RAL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
- 1	4/\ILB84EBIOINTEG.:!!\no:0:gov:PWIDOT\Do	umental/1007 Offices/District 8/Projects/087	DRYMWOato/GADohoote/0875J36-eht-plan.	SHEVISEO ~	STATE OF ILLINOIS	NOTES, AND COMMITMENTS  SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.			785	(136,137,138,139)RS-4	•	7 2			
	Ī	PLOT SCALE = 188,8888 '/ 1n.	CHECKED ~	REVISED -	DEPARTMENT OF TRANSPORTATION				<u> </u>			CT NO.76J36			
	ofault T	PLOT DATE = 3/25/2018	DATE -	REVISED -					TO STA.	ــــــــــــــــــــــــــــــــــــــ	ILLINOIS FED. AI	PROJECT			

				CONSTRUCT	ION CODE
			100%. STATE	MADISON	BOND
		1	ļ Ļ	ROADWAY	ROADWAY
CODE			TOTAL	0005	0005
NO.	ITEM	UNIT	QUANTITY	RURAL	RURAL
40300400	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	TON	685	193	492
40300500	COVER COAT AGGREGATE	TON	2347	661	1686
40300600	SEAL COAT AGGREGATE	TON	2347	661	1686
67100100	MOBILIZATION	LSUM	414	0, 3	0.7
01100100					
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	0.3	0.7
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	0.3	0.7
70300100	SHORT TERM PAVEMENT MARKING	FOOT	29269	8051	21218
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	4874	1341	3533
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	428084	18422	409662
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	214042	74364	139678
	(TEM PORARY	W			
X7810400	RAISED REFLECTIVE PAVEMENT MARKER	EACH	8049	22.14	5835
78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	1020	282	738
78300100	PAVEMENT MARKING REMOVAL	SQ FT	71348	24788	46560
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1006	277	729

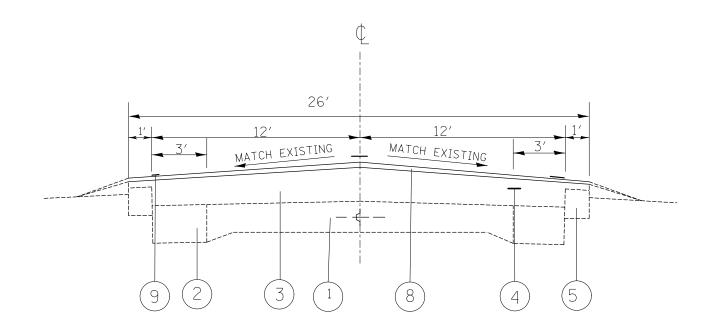
					CONSTRUCT	ON CODE
				100%. 57ATE	MADISON	BOND
					ROADWAY	ROADWAY
	CODE			TOTAL	0005	0005
	NO.	ITEM	UNIT	QUANTITY	RURAL	RURAL
	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	1006	277	729-
Ø	70076604	TRAINEES-TRAINING PROGRAM GRADUATE	HOUR	500	250	250
	-	SURVEY MONUMENT COVER ASSEMBLY	EACH	12	2	10

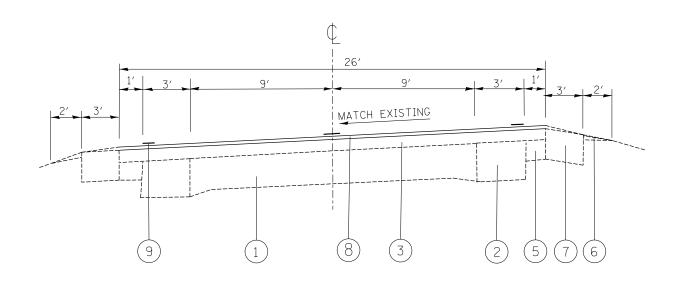
\*specially Hems

\$0042

. MADISON & BOND

FILE NAME =	USER NAME = simon	DESIGNED -	REVISED -			F.A.P. RTE.	SECTION	COUNTY	TOTAL S	SHEET NO.
	numenta/IDGT Offices/District 8/Projects/08	75-DEAMANOsta\6ADshests\0876J36-sht-plan.		STATE OF ILLINOIS	SUMMARY OF QUANTITIES	785	(136,137,138,139)RS-4		7	3
	PLOT SCALE = 160.8890 '/ 10.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. A	CONTRACT ID PROJECT	1 NO. 16	3 <b>036</b>
Default	PLOT DATE = 3/25/2016	DAIL -	WEA12ED ~	<u> </u>						





## TYPICAL SECTION

MILE 0.00 TO 6.69 MILE 8.12 TO 15.48 TYPICAL SECTION

MILE 6.69 TO 8.12

### <u>LEGEND</u>

- 1 EXISTING P.C.C. PAVEMENT 9"-6"-9"
- (2) EXISTING P.C.C WIDENING 9"
- (3) EXISTING BITUMINOUS SURFACING  $(4 1/2"\pm)$
- (4) EXISTING STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (5) EXISTING BITUMINOUS SHOULDERS, 6"
- (6) EXISTING AGGREGATE SHOULDERS
- (7) EXISTING BITUMINOUS SHOULDERS, 8"
- (8) PROPOSED BITUMINOUS SURFACE TREATMENT CLASS A-2
- (9) PROPOSED PAINT PAVEMENT MARKING -LINE 4"

FILE NAME = DESIGNED -REVISED -SECTION STATE OF ILLINOIS TYPICAL SECTIONS ow:\\ILØ84EBIDINTEG.ıllır uments\IDOT Offices\District 8\Projects\D87**iJRAWAW**Data\&ADsheets\D876J36-sht-plar gREVISED 785 (136,137,138,139)RS-4 CHECKED -REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO.76J36 PLOT DATE = 3/25/2016 DATE REVISED SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

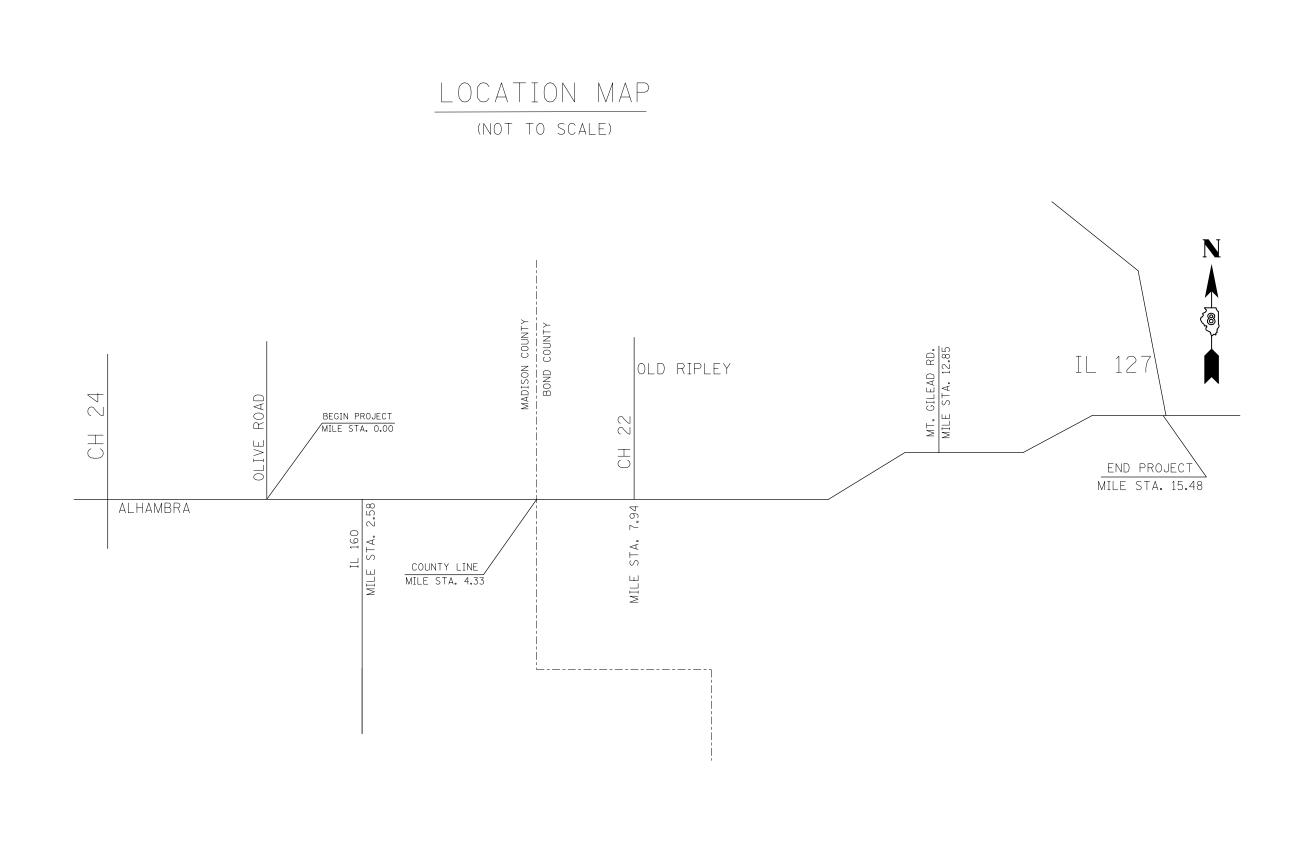
			777		IG SCHEDUL			
L	OCATI	ON	LENGTH		O (WHITE)	( YEL		4" SKIP-DASH (YELLOW)
			FOOT		OT	F0		FOOT
NOITATE	TO	STATION		EB	WB	EB	WB	CENTER
0.000	TO	0.510	2692.8	2693				11070
0.000	TO TO	9.066 2.349	47868.48		12360			11970
0.008	TO	2. 349	12360.48	9657	12360			
0.520	TO	1.151	9657.12	3031		818		
0.996 1.198	TO	1.380	818.4 960.96				961	
2.360	ТО	2.593	1230.24	1230				
2.360	TO	3.619	6647.52		6648			
2.623	ТО	3.619	5258.88	5259				
3.629	TO	6.422	14747.04	14747				
3.629	TO	5.148	8020.32		8020			
5.158	TO	6. 422	6673.92		6674			
6.030	TO	6.040	52.80					
6.433	TO	7. 791	7170.24	7170				
6.433	TO	7.977	8152.32		8152			
7.801	TO	9.066	6679.20	6679				
7.986	TO	8,040	285.12		285			
8.049	TO	9.066	5369.76		5370			
8.074	TO	8.211	723. 36			723		
8.299	TO	8.453	813.12				813	
8.800	TO	9.077	1462.56			1463		
9.066	TO	9, 262	1034.88				1035	
9.077	TO	10.082	5306.40	5306				
9.077	TO	10.363	6790.08		6790			
9.077	TO	9.171	496. 32			1000		124
9.171	TO	9,530	1895.52			1896		1.00
9.262	TO TO	9. 389 9. 725	670 <b>.</b> 56				1800	168
9.384	T0	10.043	2708.64				1800	677
9.530	TO	10.139	1652.64			1653		011
9.826	TO	11. 354	6922.08		6922	1033		
10.043	TO	12.802	14298.24	14298	0322			
10.094	TO	11.911	9356.16	1,50				2339
10.139 11.366	TO	12.802	7582.08		7582			
11.694	ТО	12.002	1626.24			1626		
11.911	TO	12.209	1573.44				1573	
12.002	ТО	12.672	3537.60					884
12.461	ТО	12.701	1267.20			1267		
12.672	ТО	12.906	1235.52				1236	
12.701	TO	14.280	8337.12					2084
12.814	TO	14.037	6457.44	6457				
12.814	TO	13.005	1008.48		1008			
13.015	TO	14. 233	6431.04		6431			
14.052	TO	14.777	3828.00	3828				
14.068	TO	14.336	1415.04			1415		
14.241	TO	14.734	2603.04		2603			
14.280	TO	14.536	1351.68				1352	
14.336	TO	14.462	665.28					166
14.462	TO	15.820	7170.24			7170		
14.536	TO	14.716	950.40			950		238
14.716	TO	15.482	4044.48		_		4044	
14.751	TO	15.482	3859.68		3860			
14.787	TO	15.342	2930.40	2930				
15.360	TO	15.480	633.60	634				
				80890	82706	18982	12815	18651

	BITUMINOUS SURFACE TREATMENT CLASS A-2 SCHEDULE												
L	OCATIO	ON	LENGTH	WIDTH	BITUMINOUS MATERIALS (COVER AND SEAL COAT)	COVER COAT AGGREGATE	SEAL COAT AGGREGATE						
STATION	ТО	STATION	FOOT	FOOT	(TON)	(TON)	(TON)						
0.000	ТО	4.334	22883.5	26	193.0	661.1	661.1						
4. 334	ТО	6.030	8954.9	26	75.5	258.7	258.7						
6.030	ТО	10.647	24377.8	26	205.6	704.2	704.2						
10.674	ТО	10.715	216.5		BRIDGE	OMISSION							
10.715	ТО	11.405	3643.2	26	30.7	105.2	105.2						
11.405	ТО	11.432	142.6		BRIDGE	OMISSION							
11.432	ТО	15.480	21373.4	26	180.3	617.5	617.5						
		TOTAL			685	2347	2347						

\* TEMPORARY PAVEMENT MARKING SHALL MATCH THIS SCHEDULE, EXCEPT THAT TWO APPLICATION OF TEMPORARY PAVEMENT MARKING ASSUMED.

\* MADISON & BOND

FILE NAME =	USER NAME = simam	DESIGNED -	REVISED -					F.A.P.	SECTION	COUNTY	SHEETS	NO.
pw:\\ILØ84EBIDINTEG.:llinois.gov:PWIDOT\Do	cuments\IDOT Offices\District 8\Projects\D87	J <b>DRXXXX</b> Data\€ADsheets\D876J36-sht-plan.	gREVISED -	STATE OF ILLINOIS	SCHEDULE OF QUANTITIES			785	(136,137,138,139)RS-4		7	5
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION						CONTRA	ACT NO.76	336د
Default	PLOT DATE = 3/25/2016	DATE -	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA.		TO STA.		ILLINOIS FED. AI	D PROJECT		



\* MADISON & BOND

FILE NAME =		USER NAME = simam	DESIGNED -	REVISED -					F.A.P.	SECTION	COUNTY	TOTAL	SHEET
pw:\\ILØ84EBIDINT	TEG.:111:no:s.gov:PWIDOT\Do	cuments\IDOT Offices\District 8\Projects\D87	7 <b>5.DRXXXXI</b> Data\&ADsheets\D876J36-sht-p	lan.dgREVISED -	STATE OF ILLINOIS		LOCATION MAP		785	(136,137,138,139)RS-4		7	6
		PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION						CONTRA	ACT NO.7	6J36
Default		PLOT DATE = 3/25/2016	DATE -	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS STA.	TO STA.		ILLINOIS FED. A			

