

04-27-2018 LETTING ITEM 050

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	10-3RS-4	WASHINGTON	7	1
		ILLINOIS	CONTRACT NO. 76L01	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

# PROPOSED HIGHWAY PLANS

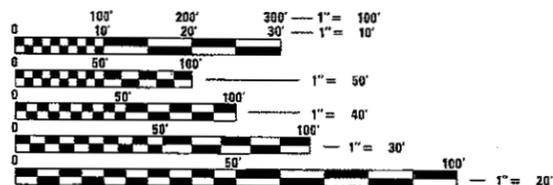
FAS ROUTE 836 (OAKDALE/DUBOIS ROAD)  
SECTION 10-3RS-4  
MICROSURFACING  
WASHINGTON COUNTY

**TRAFFIC DATA**  
 2014 ADT = 750 (ACTUAL)  
 2017 ADT = 775 (ESTIMATED)  
 2037 ADT = 900 (ESTIMATED)  
 SU = 3.7%  
 MU = 3.3%

C-98-142-18



**DESIGN DESIGNATION**  
NA

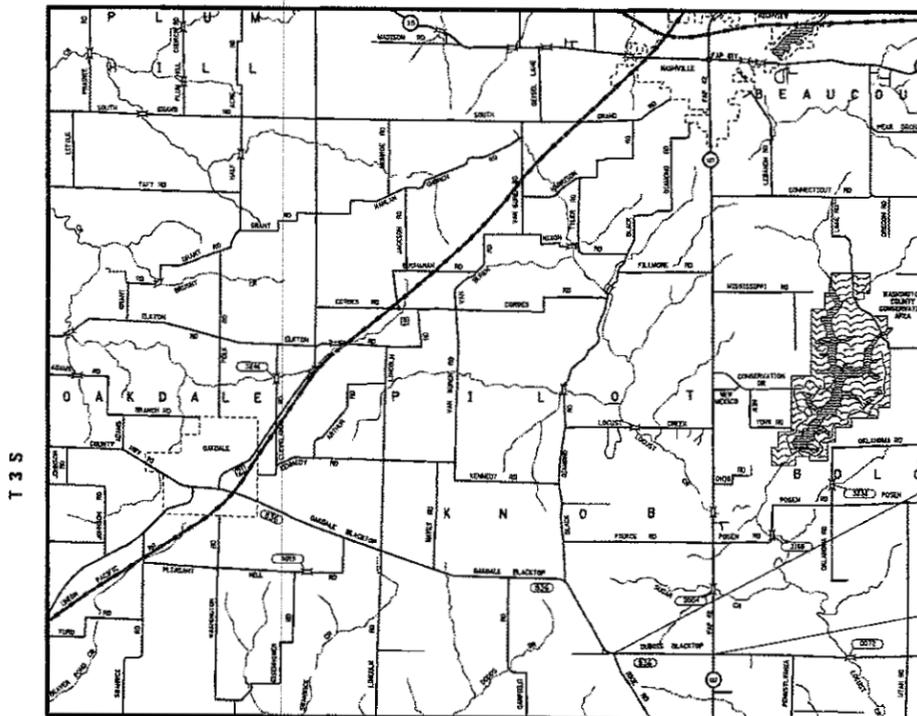


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
 1-800-892-0123  
 OR 811

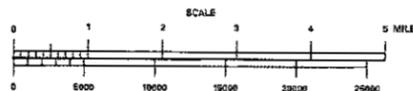
PROJECT ENGINEER: HERVE GELIN (618) 346-3179  
PROJECT MANAGER: BILLIE OWEN (618) 346-3209

CONTRACT NO. 76L01



BEGIN PROJECT  
STA. 0+00  
LAT.: 38.2292°  
LONG.: -89.4046°

END PROJECT  
STA. 70+10  
LAT.: 38.2292°  
LONG.: -89.3802°



GROSS LENGTH / NET LENGTH = 7010.00 FT. = 1.328 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED *Feb 1 20 18*  
*Jeffrey E. K...* REGIONAL ENGINEER  
*Mar 23 20 18*  
*...* ENGINEER OF DESIGN AND ENVIRONMENT  
*Paul J. ...* DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT 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:

- AMEREN ILLINOIS (GAS & ELECTRIC)
- COUNTRYMARK COOPERATIVE, LLP (PIPELINE)
- EGYPTIAN TELEPHONE COOP. ASSN. (COMMUNICATIONS)
- TRI-COUNTY ELECTRIC COOPERATIVE, INC. (ELECTRIC)
- WASHINGTON COUNTY WATER CO. (WATER)

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

2. 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 WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS. ALL SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

3. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

4. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" X 48" FLUORESCENT ORANGE.

5. THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.

6. AN ADDITIONAL 258 TONS OF AGGREGATE HAVE BEEN INCLUDED IN THE PLAN QUANTITY FOR AGGREGATE WEDGE SHOULDER TYPE B TO FILL LOW SHOULDER AREAS WITHIN THE LIMITS OF THE 3' WIDE AGGREGATE WEDGE.

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES & COMMITMENTS
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 SCHEDULE OF QUANTITIES
- 6 TIE POINTS & LOCATION MAP
- 7 MISCELLANEOUS DETAILS

STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 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
- 701901-07 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS

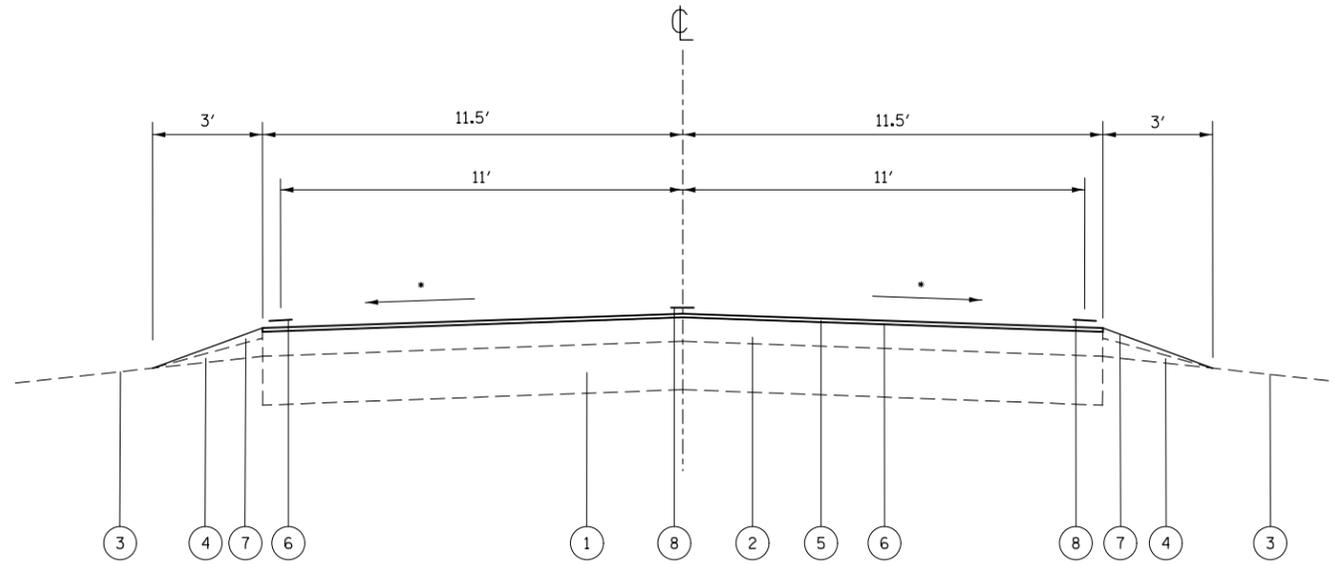
COMMITMENTS

NA

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USER NAME = harbaughrd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, &amp; COMMITMENTS</b>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			836	10-3R5-4	WASHINGTON	7	2	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 76L01					
PLOT DATE = 1/30/2018	DATE -	REVISED -			SCALE: NA	SHEET 1	OF 1	SHEETS	STA.	TO STA.





- LEGEND**
- ① EXISTING CRUSHED STONE, 8"
  - ② EXISTING HOT-MIX ASPHALT, ±4"
  - ③ EXISTING EARTH SHOULDER
  - ④ EXISTING AGGREGATE SHOULDER, TYPE B
  - ⑤ PROPOSED MICRO-SURFACING SINGLE PASS, TYPE II, MIX C
  - ⑥ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
  - ⑦ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
  - ⑧ PROPOSED THERMOPLASTIC PAVEMENT MARKING - LINE 4"

**PROPOSED TYPICAL SECTION**  
 STA. 0+00 TO STA. 69+00

▪ MATCH EXISTING CROSS SLOPES

MIXTURE USE	FRICTION AGG TYPE
AC/PG	
RAP % (MAX)	
DESIGN AIR VOIDS	
MIX COMPOSITION (GRADATION)	
FRICTION AGG	MIXTURE "C"
QUALITY MGMT PROGRAM	

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PLOT DATE = 1/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: NA SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	10-3RS-4	WASHINGTON	7	4
CONTRACT NO. 76L01				
ILLINOIS FED. AID PROJECT				

MICRO-SURFACING & SHOULDER SCHEDULE

LOCATION			LENGTH	WIDTH	BITUMINOUS MATERIALS (TACK COAT)	MICRO-SURFACING, SINGLE PASS TYPE II, MIXTURE C	AGGREGATE WEDGE SHOULDER, TYPE B		COMMENTS	
STA.	TO	STA.	FOOT	FOOT	POUND	SQ YD	LEFT	RIGHT		
							TON	TON		
0+00	TO	0+10	10	23	11.5	25.6	0.2	0.2		
0+10	TO	0+83	73	23	83.9	186.6	1.4			
0+83	TO	4+42	359	23	412.9	917.5	6.6	6.6		
4+42	TO	4+83	41	23	47.1	104.8		0.8		
4+83	TO	16+92	1,209	23	1390.4	3,089.7	22.4	22.4		
16+92	TO	17+35	43	23	49.4	109.9		0.8		
17+35	TO	69+00	5,165	23	5939.8	13,199.5	95.7	95.7		
69+00	TO	70+10	110	23	126.5	281.2				
69+00	TO	70+10			95.7	212.8	2.7		SEE PAGE 7 OF 7 FOR DETAILS	
69+00	TO	70+10			52.8	117.4		2.5	SEE PAGE 7 OF 7 FOR DETAILS	
SUBTOTAL								129	129	
TOTAL			7,010		8210	18245	258			

PAVEMENT MARKING SCHEDULE

LOCATION			LENGTH	PAVEMENT MARKING REMOVAL - GRINDING	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING - LINE 4"					TEMPORARY PAVEMENT MARKING REMOVAL	THERMOPLASTIC PAVEMENT MARKING - LINE 4"					COMMENTS	
				SQ FT	FOOT	SQ FT	CENTERLINE - YELLOW		EDGE LINE				CENTERLINE - YELLOW		EDGE LINE				
							SOLID (NPZ)	SKIP-DASH	SOLID WHITE			SOLID (NPZ)	SKIP-DASH	SOLID WHITE					
							EB	WB	EB	WB		EB	WB	EB	WB				
0+00	TO	0+17	17	22.6	8	2.7	17	17		17	17	22.6	17	17		17	17		
0+17	TO	0+83	66	66	16	5.3	66	66			66	66	66	66			66	66	RICE RD
0+83	TO	9+88	905	1206.7	168	56	905	905		905	905	1206.7	905	905		905	905		
9+88	TO	53+60	4372	3279	800	266.7			1093	4372	4372	3279			1093	4372	4372		
53+60	TO	59+77	617	669.3	120	40	617		157	617	617	669.3	617		157	617	617		
59+77	TO	65+47	570	426.7	104	34.7			140	570	570	426.7			140	570	570		
65+47	TO	69+00	353	383	64	21.3		353	90	353	353	383		353	90	353	353		
69+00	TO	69+66	66	72.7	16	5.3		66	20	66	66	72.7		66	20	66	66		
69+66	TO	70+10	44	92						130.5	145.5	92				130.5	145.5		
SUB-TOTAL							1605	1407	1500	7030.5	7111.5		1605	1407	1500	7030.5	7111.5		
TOTAL			7010	6218	1296	432	18654					6218	18654						

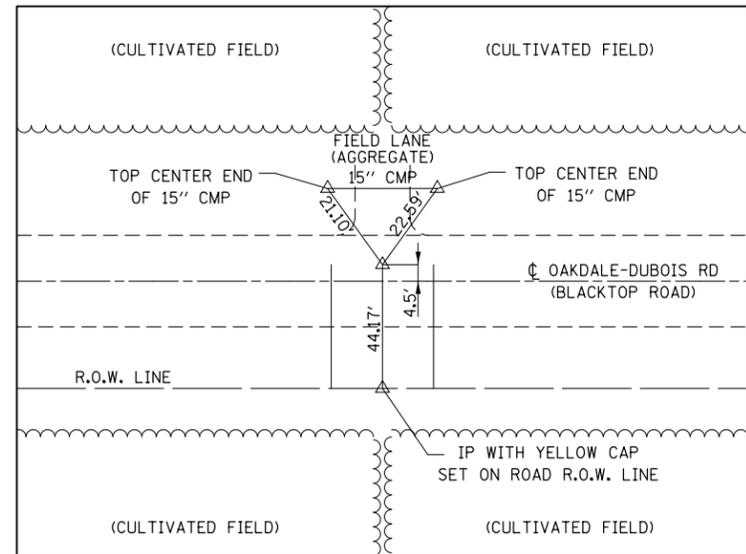
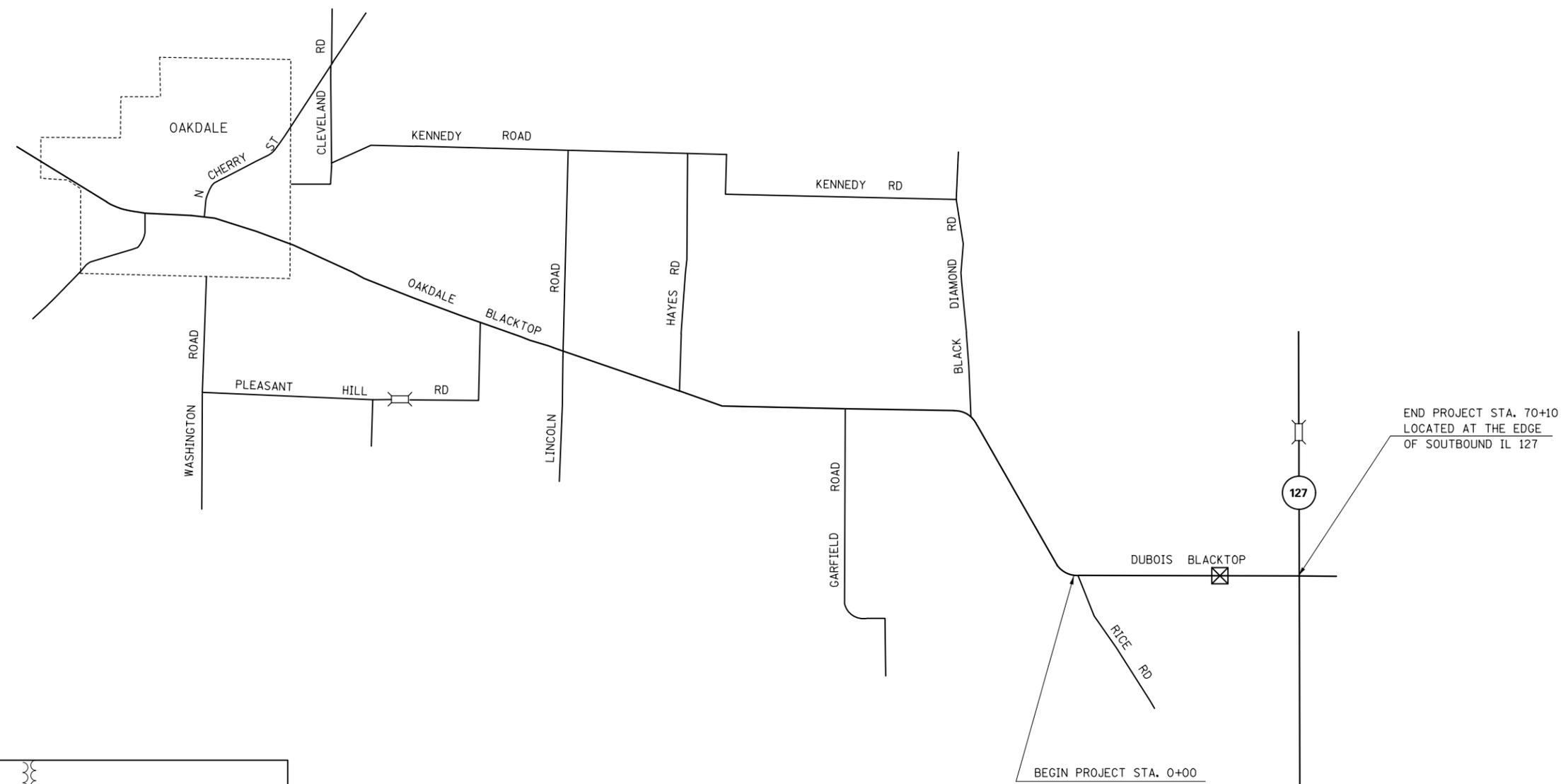
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PLOT DATE = 1/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE: NA	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	10-3R5-4	WASHINGTON	7	5
CONTRACT NO. 76L01				
ILLINOIS FED. AID PROJECT				



FOUND 5/8" IRON PIN SET IN ROAD  
NE CORNER, SECTION 35, T.3S. - R.3W.

☒ - SURVEY MONUMENT COVER ASSEMBLY - 1 EACH

NOTES: NOT TO SCALE.  
ALL TIES ARE PULLED DIRECT.

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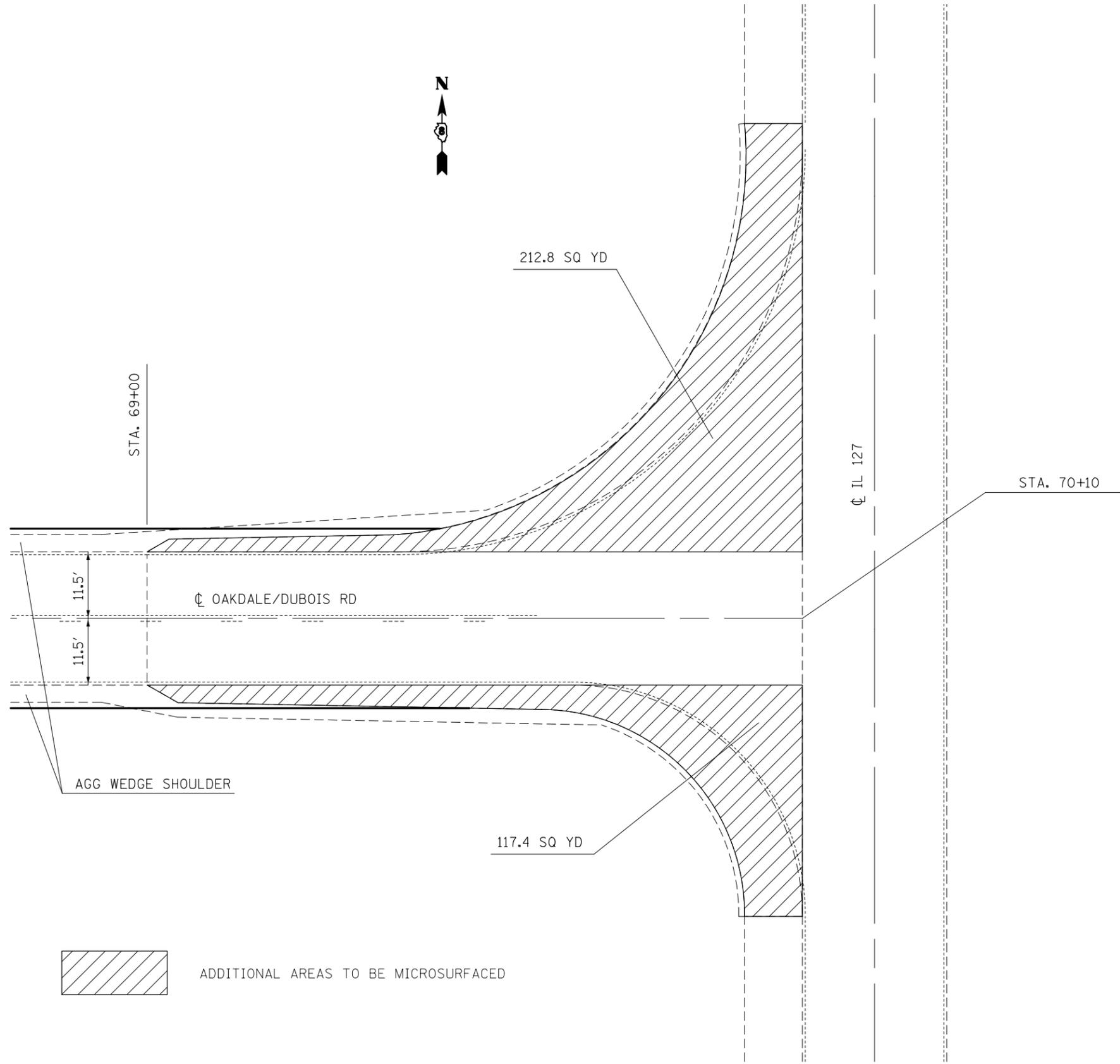
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PLOT DATE = 1/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TIE POINTS & LOCATION MAP**

SCALE: NA    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
836	10-3R5-4	WASHINGTON	7	6
CONTRACT NO. 76L01			ILLINOIS FED. AID PROJECT	



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PLOT DATE = 1/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MISCELLANEOUS DETAILS**

SCALE: NA    SHEET 1 OF 1 SHEETS    STA.    TO STA.

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836	10-3-RS-4	WASHINGTON	7	7
CONTRACT NO. 76L01				
		ILLINOIS	FED. AID PROJECT	