06-16-2017 LETTING ITEM 144

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES
SECTION DIST 8 RESURFACING 2017-4
RESURFACING - A2 - CM
RANDOLPH COUNTY

LOCATION 4 B ROAD LAT: 37.991637 LONG: -89.892323 LONG: -

HUIVIEW ROAD

LAT.: 37.934501

LONG: -89,867920

LOC 1 LOC 2 LOC 3 LOC 4 LOC 5
GROSS LENGTH FT(MILES) 530'(0.1) 3,182'(0.6) 3,019'(0.57) 2,782'(0.53) 1,309'(0.25)

530'(0.1) 3,182'(0.6) 3,019'(0.57) 2,782'(0.53) 1,309'(0.25)

- LOCATION 1 HISTORICAL COVERED BRIDGE LAT.: 37.948068 LONG.: ~89.766552 RTE. SECTION COUNTY TOTAL SHEETS NO.

VAR DIST 8 RESURFACING 2017-4 RANDOLPH 8 1.

RLINDIS CONTRACT NO. 76J96

D-98-011-17



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED APRIL 720

REGIONAL ENGINEER

ENGINEER OF DESIGN AND ENVIRONMENT

20 12 20

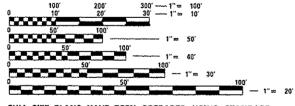
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INDEX OF SHEETS

- 1. COVER SHEET
- 2. GENERAL NOTES, COMMITMENTS, AND HIGHWAY STANDARDS
- 3 SUMMARY OF QUANTITIES
- 4 SCHEDULE OF QUANTITIES
- 5-8 PLAN AND TYPICAL SECTION

FOR ADT INFORMATION, SEE SHEET NO. 2

DESIGN DESIGNATION



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 CECIL DOWNING (618) 346-3186

CONTRACT NO. 76J96

NOT TO SCALE

NET LENGTH(MILES)

OLD STATE ROUTE 3 LAT.: 37,955804

LONG : -89.880157

GENERAL NOTES

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

* CITY OF CHESTER (WATER)
* CITY OF CHESTER (SANITARY SEWER)

* AMEREN ILLINOIS (GAS & ELECTRIC)

* CLEARWAVE COMMUNICATIONS (COMMUNICATIONS)

* NEW WAVE COMMUNICATIONS, INC. (CTV)

* EGYPTIAN WATER COMPANY (WATER)

* FRONTIER COMMUNICATIONS (COMMUNICATIONS)

* VILLAGE OF ELLIS GROVE (WATER & SEWER)

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 SHALL EXERCISE CARE IN EXCAVATING AROUND EXISTING UTILITIES TO REMAIN IN PLACE, SUCH AS WATER AND SEWER MAINS, AND SHALL BE RESPONSIBLE FOR REPAIR OF THESE AND MAINTENANCE OF SERVICE, IF DAMAGED BY THE CONTRACTOR'S ACTIVITIES, AS DEEMED SUCH BY THE ENGINEER.
- 3. 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.
- 4. 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.
- 5. THE RATES OF APPLICATION SHOWN IN THE PLANS ARE NOMINAL RATES. DEVIATIONS, WILL BE ALLOWED AS SPECIFIED BY THE ENGINEER AND IN ACCORDANCE WITH STANDARD SPECIFICATIONS.
- 6. THE RESIDENT ENGINEER SHALL LOCATE ALL PAVEMENT MARKING /NO PASSING ZONE LIMITS PRIOR TO HMA SURFACE TREATMENT SO THE LIMITS CAN BE REPRODUCED UPON COMPLETION.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING POSITIVE DRAINAGE IN THE DISTURBED AREAS, TO THE SATISFACTION OF THE ENGINEER.
- 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. PROPOSED PAVEMENT MARKINGS SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.
- 10. 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 PAINT PAVEMENT MARKINGS. OF THIS TIME FRAME, THERE MUST BE SEVEN CONSECUTIVE DAYS OF DRY WEATHER BEFORE THE FINAL PAVEMENT MARKING 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.
- 11. THE ENGINEER SHALL CONTACT TOM MOORE AT THE HAMEL YARD (618)-633-2206 PRIOR TO ORDERING MATERIALS TO DETERMINE EXACT LIMITS OF WORK INSIDE THE HAMEL YARD.

STANDARDS

000001-06 001006 701201-04 701502 - o7 701306-03 701311-03 701901-06 780001-05

		TRAFFIC DATA							
LOCATION	DESCRIPTION	ACTUAL (YEAR)	ESTIMATED (2016)	SU (%)	MU (%)				
1	COVERED BRIDGE	25 (2016)	25	4.0	0.0				
2	HILLVIEW ROAD	100 (2016)	100	10,0	5.0				
3	OLD STATE RT 3	25 (2016)	25	4.0	0.0				
4	"B" ROAD	25 (2016)	25	4.0	0.0				
5	ELLIS GROVE R. A.	25 (2016)	25	4.0	0.0				

COMMITMENTS

NONE

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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

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-	GENERAL NOTES, COMMITMENTS, AND HIGHWAY STANDARDS	VAR	DIST	8 RESURFACING 2017-	4 RANDOLPH	8
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				00.13711. 0000
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		•		ROADWAY
CODE		Committee Annual Committee	TOTAL	0005 🗸
NO.	ITEM	UNIT	OUANTITY	RURAL
			month-range control	
40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	65	65
40300400	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	TON	65	65
		:		-
40300500	COVER COAT AGGREGATE	TON	213	213
		:		
40300600	SEAL COAT ACGREGATE	TON	213	213
			diament which the state of the	
67100100	MOBILIZATION	LSUM	1	-
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	
		-	-	
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	14314	14314
		- ** - ** - ** - **		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	14314	14314

4

* SPECIALTY ITEM

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STATE	OF	ILLINOIS	
DEPARTMENT	OF T	TRANSPORTATION	

CONSTR. CODE

	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SUMMARY OF QUANTITIES	VAR	DIST 8 RESURFACE 2017-4	RANDOLPH	8	3
			CONTRACT	NO. 7	6J96
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	PAVEMENT MARKING SCHEDULE PAINT PAVEMENT MARKING 4"											
STATION	то	STATION	COMMENTS	DOUBLE YELLOW LINE FOOT	SOLID WHITE LINE FOOT	TEMPORARY PAVEMENT MARKING FOOT						
		<u>.</u>		ION 2 - HILL	VIEW DRIVE							
03+00	TO	06+75		750	750	750						
06+75	TO	20+85		2820	2820	2820						
20+85	TO	27+85		1400	1400	1400						
			l. LC	CATION 3 - OLD ROUTE 3								
02+05	ТО	08+58		1306	1306	1306						
08+58	TO	17+20		1724	1724	1724						
17+20	TO	28+24		2208	2208	2208						
			LC	CATION 4 -	"B" ROAD							
03+50	TO	24+03		4106	4106	4106						
×												
			TOTAL	14314	14314	14314						

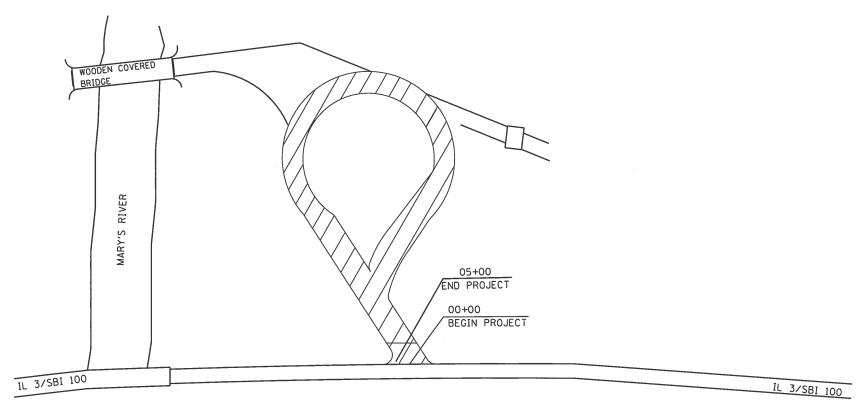
BITUMINOUS SURFACE TREATMENT CLASS A-2 SCHEDULE											
	STA	то	STA	BITUMINOUS MAT'L COVER & SEAL COAT (TON)	COVER COAT AGGREGATE (TON)	SEAL COAT AGGREGATE (TON)					
LOCATION 1	00+00	TO	05+00	3.2	11.0	11.0					
LOCATION 2	03+00	TO	27+85	17.9	54.7	54.7					
LOCATION 3	02+05	TO	28+24	18.0	57.6	57.6					
LOCATION 4	03+50	TO	24+03	13.1	45.2	45.2					
LOCATION 5	00+00	TO	13+03	13.1	44.9	44.9					
			TOTAL	65.3	213.4	213.4					

1. THE FOLLOWING APPLICATION RATES WERE USED IN DETERMINING QUANTITIES:
HMA SURFACE COURSE = 0.056 TONS/SQ YD/IN
BITUMINOUS MATERIAL PRIME COAT = .001565 TONS/SQ YD
BITUMINOUS MATERIAL PRIME COAT = 3.13 LBS/SQ YD
BITUMINOUS MATERIAL (COVER AND SEAL COAT) = 0.001460 TONS/SQ YD
COVER COAT AGGREGATE = 0.01 TONS/SQ YD
SEAL COAT AGGREGATE = 0.01 TONS/SQ YD

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STATE	OF	ILLINOIS
DEPARTMENT	OF	TRANSPORTATION

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ı	SCHEDULE OF QUANTITIES	VAR	DIST 8 RESURF 2017-4	RANDOLPH	8	4
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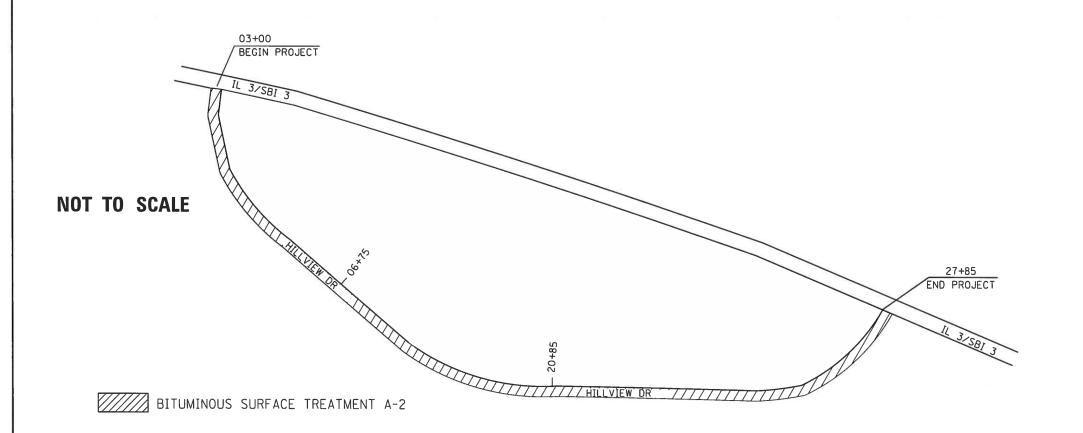
BITUMINOUS SURFACE TREATMENT A-2

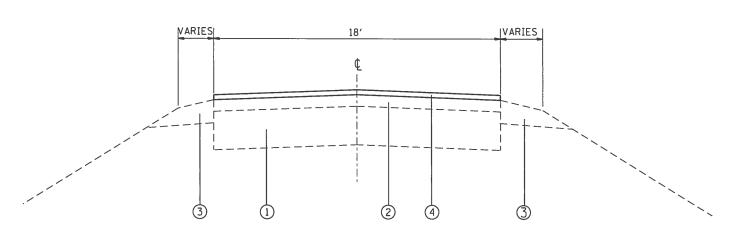
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TYPICAL SECTION

- 1 EXISTING PAVEMENT PCC
- ② EXISTING RESURFACING PCC
- 3 EXISTING AGGREGATE SHOULDER
- 4 PROPOSED BITUMINOUS SURFACE TREATMENT, CLASS A-2

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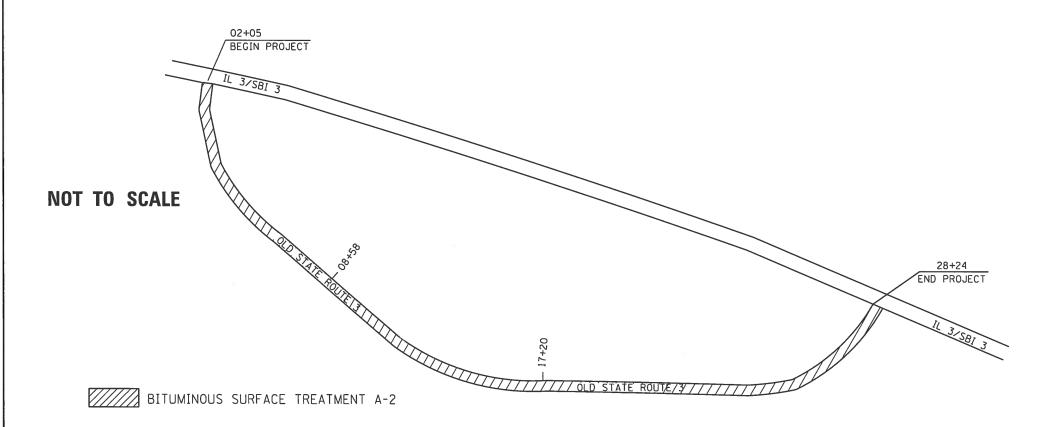


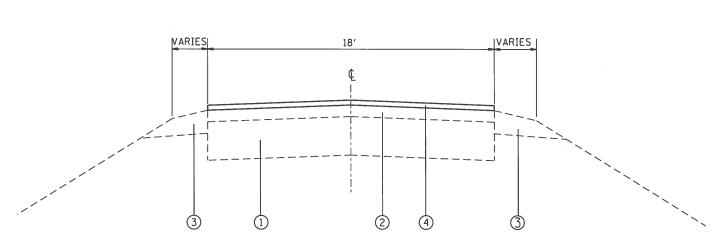


TYPICAL SECTION

- 1 EXISTING PAVEMENT PCC
- ② EXISTING RESURFACING PCC
- 3 EXISTING AGGREGATE SHOULDER
- 4 PROPOSED BITUMINOUS SURFACE TREATMENT, CLASS A-2

Uet	ault	PLOT DATE = 2/1/2017	DATE	REVISED		SHEET _3_ OF 6 SHEETS STA TO STA	ILLINOIS FED. AID PROJECT
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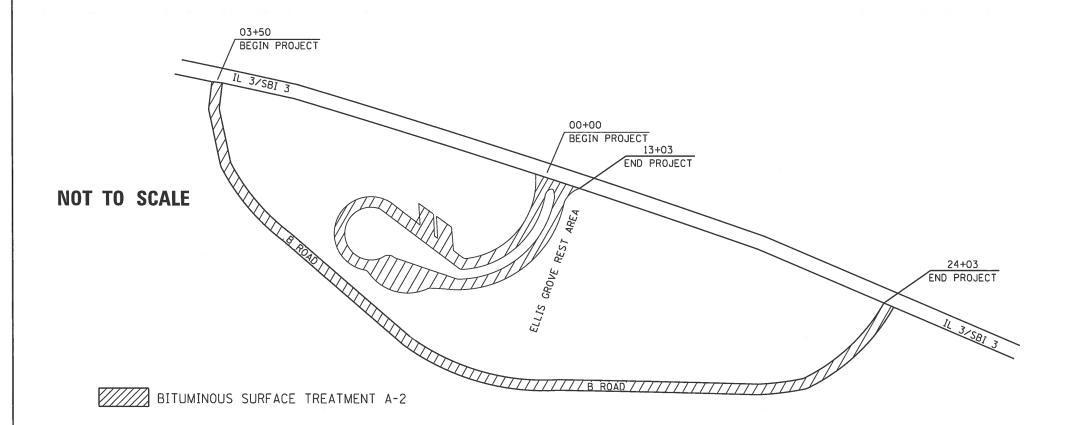


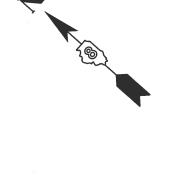


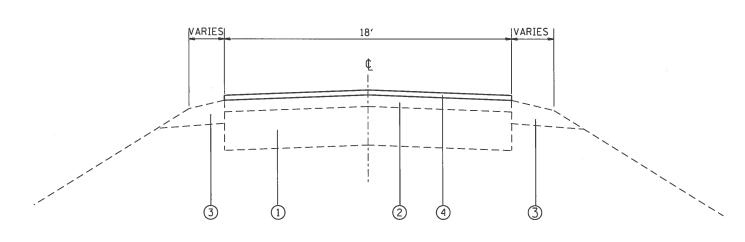
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- ② EXISTING RESURFACING PCC
- 3 EXISTING AGGREGATE SHOULDER
- 4 PROPOSED BITUMINOUS SURFACE TREATMENT, CLASS A-2

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TYPICAL SECTION

- 1 EXISTING PAVEMENT PCC
- 2 EXISTING RESURFACING PCC
- 3 EXISTING AGGREGATE SHOULDER
- 4 PROPOSED BITUMINOUS SURFACE TREATMENT, CLASS A-2

Default	PLOT DATE = 2/1/2017	DATE	REVISED		SHEET 3 OF 6 SHEETS STA TO STA	ILLINOIS FED. AID PROJECT
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