08-02-2019 LETTING ITEM 005

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

565 D2 RS 2020-1

SECTION

F.A.P. RTE.

TOTAL SHEET NO. COUNTY WHITESIDE

CONTRACT NO. 64N87 FED. ROAD DIST. NO. _ ILLINOIS

FOR INDEX OF SHEETS, SEE SHEET NO. 2 FOR STATE STANDARDS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

FAP ROUTE 565 (IL 136) SECTION D2 RS 2020-1 WHITESIDE COUNTY C-92-079-19

SECTION ENDS STA. 53 + 50

R. 3E.

FULTON TOWNSHIP SECTIONS (28 & 29)

J.U.L.I.E.

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

OR 811

GROSS LENGTH = 1,400 FT. = 0.27 MILE **NET LENGTH** = 1,400 FT. = 0.27 MILE

CONTRACT NO. 64N87 **FAP ROUTE 565 (IL 136)**

SECTION D2 RS 2020-1

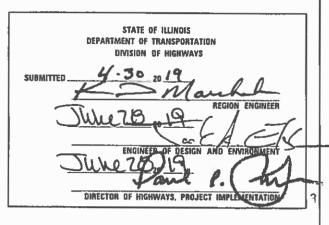
SECTION BEGINS STA. 39 + 50

T. 22 N.

WHITESIDE COUNTY







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Typicals Plan Sheets	Schedule Of Quantities	General Notes	Summary of Quantities	Index of Sheets / State Standards	Cover Sheet

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DISTRICT STANDARDS

34.1 41.1

Work Zone Sign Details
Typical Pavement Markings

STATE STANDARDS

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WHITESIDE COUNTY
CONTRACT NO. 64N87

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729001-01 780001-05	728001-01	720011-01	701901-08	701701-10	701501-06
APPLICATIONS OF TYPES A AND B METAL POST (FOR SIGNS & MARKERS) TYPICAL PAVEMENT MARKINGS	TELESCOPING STEEL SIGN SUPPORT	METAL POST FOR SIGNS, MARKERS AND DELINEATORS	TRAFFIC CONTROL DEVICES	URBAN LANE CLOSURE, MULTILANE INTERSECTION	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

SUMMARY OF QUANTITIES

			0005
CODE NO.	ITEM	TIND	QUANTITY
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,426
40600990	TEMPORARY RAMP	SQ YD	200
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1102
24			
44000157	HOT-MIX ASPHALT SURFACE REMOVAL 2"	SQ YD	9835
60255500	MANHOLES TO BE ADJUSTED	EACH	7
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3
67100100	MOBILIZATION	L SUM	1
			-
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	_
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1

* Specialty Items

100% State

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Specialty Items

SUMMARY OF QUANTITIES

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GENERAL NOTES

All Borrow/Waste/Use sites must be approved by the Department prior to removing any material initiating any earthmoving activities, including temporary stockpiling outside the limits of constructions.

Milling machines on this project shall be capable of removing a layer of bituminous a minimum 6 depth in a single pass.

The following Mixture Requirements are applicable for this project:

		\cdot	:) -		2) 100
						Number of Roller Passes ¹⁾ :
						Sublot Size:
					QC/QA	Quality Management Program:
					112 LBS/SY/IN	Mixture Weight:
					D	Friction Aggregate:
	50	Ya				(Mixture Gradation):
					IL 9.5	Mixture Composition
					4.0 @ N50	Design Air Voids:
					PG 64-22	PG:
					SURFACE	Mixture Use(s):
10					RESURFACING	Location(s):

When a number of roller passes is specified, the Contractor may opt to use intelligent c density testing under the Quality Control for Performance (QCP) program.

The Contractor shall place temporary hot-mix asphalt tapers along all sides of the utility structur milled surface. The temporary tapers shall extend 2' outside of the castings, except for the approximately surface. have a 4' taper length. Hot-mix asphalt meeting the approval of the Engineer shall be used, no Pay Item for Hot-Mix Asphalt Surface Removal. allowed. The cost of the material, placement, maintenance, removal and disposal of said work

The area to be tacked or primed shall be limited to that which can be covered with HMA on the but no more than five days in advance of the placement of the HMA, unless approved by the Er

Pavement Marking shall be done according to Standard 780001, except as follows

- All words, such as ONLY, shall be 8 feet high.
- All non-freeway arrows shall be the large size.
- ω ν ユ Typical Lane and Edge Lines. The distance between yellow no-passing lines shall be 8 inches, not 7 inches, as
- 4. Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivide roadway shall be according to District Standard 41.1.

The Contractor shall be responsible for locating and protecting utility property during constructio in Article 107.39 of the Standard Specifications. A minimum of 48 hours advance notice is requi work. The JULIE number is 800-892-0123. The following listed utilities located within the project adjacent to the project construction limits are members of JULIE:

IDOT is not a member of JULIE. If you are near any overhead lighting, intersection lighting or tr IDOT Traffic Office at 815/284-5469 at least 48 hours prior to work.

It shall be the Contractor's responsibility to contact the municipality to determine approved meth adjustment. Utility structures may include, but are not limited to, manholes, water valves, handf and work necessary to complete adjustments per municipality requirements shall be considered the associated adjustment pay item.

FILE NAME = 64N87 GN.DOCX

PLOT SCALE =

CHECKED

4/8/2019 2:41 PM

DESIGNED - Engineering Systems
DRAWN -

PLOT DATE = 4/22/2019 11:20 AM

3	Any District Standards listed (http://apps.dot.illinois.gov/epboth the Contractor and the Findicates a half size standard questions. The contractor shall be adviscontractor shall also mill the compensation shall be allowed ASPHALT SURFACE REMO	Any District Standards listed on the Index of Sheets for this contract shall be retrieved from the IDOT webpage (http://lapbs.dot.illinois.gov/eplan/desenv/standards/District/202/D2District/Standards/ . It shall be the responsibility of both the Contractor and the RE to print any standards needed. The suffix ".1" indicates a full size standard, ".2" indicates a half size standard, and ".4" indicates a quarter size standard. Contact the District's Project Engineer for any questions. The contractor shall be advised that exposed concrete patches exist within the project limits. When milling, the contractor shall also mill the concrete patches to the same depth as the surrounding pavement. No additional, compensation shall be allowed for this work rather it shall be included in the contract unit price SQ YD for HOT-MIX ASPHALT SURFACE REMOVAL 2".	act shall be retriew/D2DistrictStandard The suffix ".1" indicated the suffix in the contract the suffix in the suf	ed from the IDOT webpass). It shall be the respates a full size standar ne District's Project Engect limits. When milling pavement. No addition tunit price SQ YD for	page ponsibility of d, ".2" gineer for any , the nal, HOT-MIX	
compaction in lieu of						
ures protruding above the proach side to traffic shall o cold millings will be k will be included in the						
e next day's production, Engineer.						
s shown in the detail of						
ded, and one-way						
tion operations as outlined quired for non-emergency ject limits or immediately						
traffic signals, contact the						
thods of utility structure dholes, etc. All materials ed included in the cost of						
					1	
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RTATION SCALE	GENERAL NOTES SHEET NO. OF SHEETS STA	TO STA	ROUTE SECTION 565 D2 RS 2000-1 ILLINOIS	COUNTY 54215 100 Whiteside 14 5 CONTRACT NO. 64N87 FED. AID PROJECT	

SCHEDULE OF QUANTITIES

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SHEET 6 of 14

40600290 BITUMINOUS MATERIALS (TACK COAT)	ACK COAT)		44000157 HOT-MIX ASPHALT SURFACE REMOVAL 2"	MOVAL 2"		
LOCATION	POUND	. <u>REMARKS</u>	LOCATION	<u>SQ YD</u>	REMARKS	
STA. 39+50 - 53+50	4426 4426	Includes Side Roads	STA. 39+50 - 53+50	9835 9835	Includes Side Roads	
40600990 TEMPORARY RAMP			60255500 MANHOLES TO BE ADJUSTED			
LOCATION	<u>SQ YD</u>	REMARKS	LOCATION	<u>EACH</u>	REMARKS	
STA. 39+50	19		STA. 45+34	_		
STA. 53+50	31		STA. 45+46	_	디	
STA. 11+35	36	4th ST N	STA. 48+69	_		
STA. 8+90	35	4th ST S	STA. 51+56	->	디	
5th Street North	20		STA. 51+76	-		
5th Street South	20		STA. 51+83	<u></u>	RT	
6th Street North	19 20		STA. 51+84	4 1	디	
	200					
			60265700 VALVE VAULTS TO BE ADJUSTED	0		
40603335 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	E COURSE, N	AIX "D", N50				
LOCATION	TON N	REMARKS	LOCATION	<u>EACH</u>	REMARKS	
			STA. 46+06	-	RT	
STA. 39+50 - 53+50	1102	Includes Side Roads	STA. 48+90	_	RT	
	1102		STA. 51+97	• -	RT	
				u		

70300100 SHORT TERM PAVEMENT MARKING

	STA. 39+50 - 53+50	(3 Applications on II 136 and 4th ST)	LOCATION				
4518	396	1038	405	672	2007		<u>F00T</u>
	Center Line	Stop Bar (8" wide)	Turn Arrow	Turn/Thru Arrow	Turn Lane		REMARKS

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

STA. 39+50 - 53+50	LOCATION
498 498	<u>SQ FT</u>
	REMARKS

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

									_		
	STA. 47+26	STA. 47+26	STA. 46+40	STA. 46+40	STA. 44+81	STA.44+81	STA. 43+27	STA. 43+27	<u>IL 136</u>	LOCATION	
			æ								
166.4	15.6	26.0	15.6	26.0	15.6	26.0	15.6	26.0		<u>SQ FT</u>	
SUB TOTAL	TURN ARROW	TURN/THRU ARROW		REMARKS							

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

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STA. 39+50 - 45+06 STA. 46+20 - 48+22 STA. 49+12 - 51+55 STA. 51+99 - 53+50 STA. 7+22 - 9+36 STA. 10+58 - 12+58	78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4" LOCATION FOOT	STA. 11+59 STA. 12+49 STA. 12+49	STA.8+33 STA. 9+27 STA. 9+27 STA. 10+77 STA. 10+77 STA. 11+59	LOCATION IL 136 STA. 48+12 STA. 48+12 STA. 49+18 STA. 50+07 4TH STREET STA. 8+33
1656 404 706 527 591 400	PAVEMENT MARKING - LINE	15.6 26.0 15.6 280.8 SUB TO 447.2 TOTAL	15.6 26.0 15.6 26.0 15.6	<u>SQ FT</u> 26.0 15.6 15.6 15.6
DBL YELLOW MED.	4" REMARKS	SUB TOTAL		REMARKS TURN/THRU ARROW TURN ARROW TURN ARROW TURN-TURN/THRU ARROW

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"

STA. 10+50 - 12+59	STA. 8+26 - 9+50	STA. 49+13 - 50+13	STA. 46+13 - 48+23	STA. 45+05 - 45+44	STA. 43+20 - 45+13	LOCATION	78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"	21	INTERSECTION 14TH & 4TH	LOCATION
208	124	100	209	134	194	<u>F00T</u>	T MARKING	652	652	<u>F00T</u>
WHITE TURN LANE	WHITE TURN LANE	WHITE TURN LANE	WHITE TURN LANE	WHITE ISLAND	WHITE TURN LANE	REMARKS	LINE 8"		WHITE CROSS WALKS	REMARKS

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

969

	STA. 7+22 - 8+00	STA. 51+95 - 53+32	STA. 50+30 - 51+55	STA. 45+05 - 45+44	STA. 39+50 - 42+91	LOCATION
536	48	42	90	189	167	FOOT
	YELLOW DIAGONAL	YELLOW DIAGONAL	YELLOW DIAGONAL	WHITE DIAGONAL - ISLAND	YELLOW DIAGONAL	REMARKS

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

STA. 10+59	STA. 10+50	STA. 10+48	STA. 9+49	STA. 9+35	STA. 46+22	STA. 46+14	STA. 45+12	STA. 45+05	LOCATION
LT&RT	ᄓ	디	RT	LT&RT	LT&RT	נד	RT	LT&RT	
173	13	22	26	11	1	34	34	1	<u>F00T</u>
WHITE STOP BAR	REMARKS								

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