

11-5-2021 LETTING ITEM 031

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
561	**	WHITESIDE	4	1

**D2 PP 2022-2
CONTRACT NO. 64R27
D-92-071-21

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

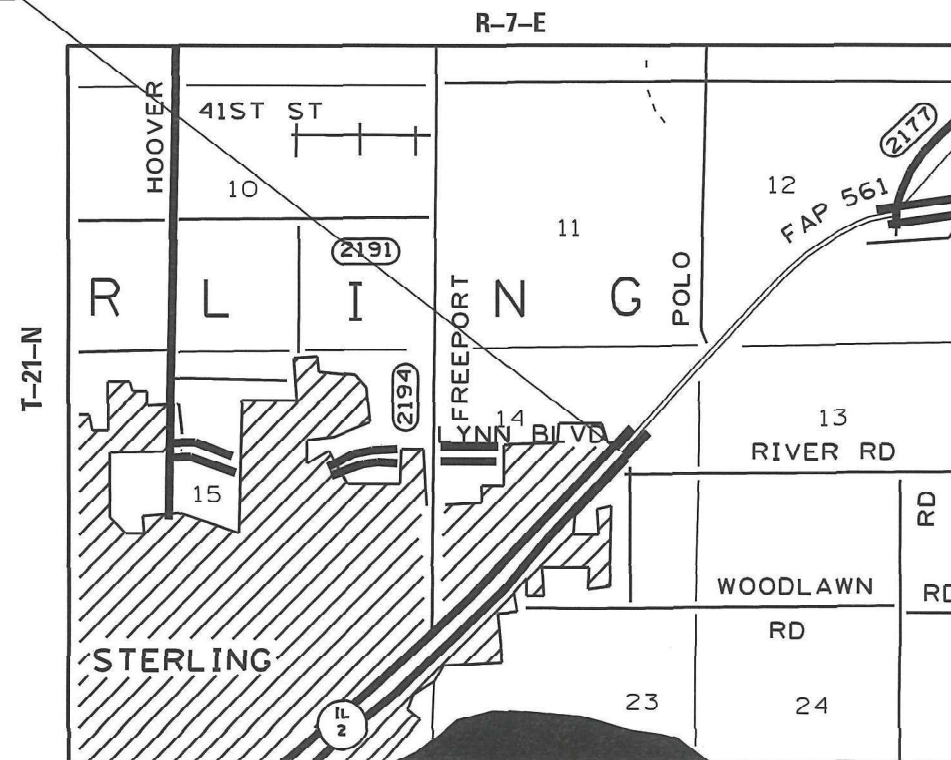
F.A.P. ROUTE 561 (IL 2)
 SECTION D2 PP 2022-2
 WHITESIDE COUNTY
 C-92-001-22

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



PROJECT BEGINS
 MILE 2.54
 LYNN BLVD

PROJECT ENDS
 MILE 3.93
 PRAIRIEVILLE ROAD



TOWNSHIP (SECTION):
 STERLING (12, 13, 14,)

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

GROSS LENGTH OF PROJECT = 7339 FOOT = 1.39 MILES
 NET LENGTH OF PROJECT = 7339 FOOT = 1.39 MILES

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED August 09, 20 21

[Signature]
 REGION ENGINEER

October 1, 2021
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

October 21, 2021
[Signature]
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

CONTRACT NO. 64R27

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 OF THE STATE OF ILLINOIS

PROJECT ENGINEER: SCOTT KULLERSTRAND

SQUAD LEADER: LANCE NICKLAUS 815-284-5407

INDEX

- 1 Cover Sheet
- 2 Index of Sheets / State Standards
- 3 Summary of Quantities
- 4 General Notes

STATE STANDARDS

- 001001-02 AREAS OF REINFORCEMENT BARS
- 421001-03 BAR REINFORCEMENT FOR CRC PAVEMENT
- 442001-04 CLASS A PATCHES
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W DAY ONLY, FOR SPEEDS \geq 45 MPH
- 701422-10 LANE CLOSURE, MULTILANE, FOR SPEEDS \geq 45 MPH TO 55 MPH
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-08 TRAFFIC CONTROL DEVICES
- 720011-01 METAL POST FOR SIGNS, MARKERS AND DELINEATORS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A AND B METAL POST (FOR SIGNS & MARKERS)

DISTRICT STANDARDS

- 34.1 Work Zone Sign Details
- 94.2 Traffic Control & Protection at Turn Bays (To Remain Open to Traffic)
- 32.4 Pavement Patching for Hot-Mix Asphalt Surfaced Pavement

SUMMARY OF QUANTITIES

FAP 561 (IL 2)
SECTION D2 PP 2022-2
WHITESIDE COUNTY
CONTRACT # 64R27
SHEET 3 OF 4
URBAN
100% State
0006

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	328
44002210	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/2"	SQ YD	2335
44200529	CLASS A PATCHES, TYPE II 8"	SQ YD	1,040
44200533	CLASS A PATCHES, TYPE III 8"	SQ YD	500
44200535	CLASS A PATCHES, TYPE IV 8"	SQ YD	600
44213000	PATCHING REINFORCEMENT	SQ YD	2140
44213200	SAW CUT	FOOT	12410
44213204	TIE BARS 3/4"	EACH	495
67100100	MOBILIZATION	L SUM	1
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	20

* Specialty Items

REV. 9/13/21

GENERAL NOTES

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 15 feet. When patch spacing is less than 15 feet, the pavement between patches shall also be removed and replaced.

The following Mixture Requirements are applicable for this project:

Location(s):	Replacement over patches		
Mixture Use(s):	Surface		
PG:	PG 58-28		
Design Air Voids:	4.0 @ N70		
Mixture Composition (Mixture Gradation):	IL 9.5		
Friction Aggregate:	D		
Mixture Weight:	112 /lbs/sq yd/in		
Quality Management Program:	QC / QA		
Sublot Size:			
Number of Roller Passes ¹⁾ :			

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

The core report indicates the thickness of the Hot-Mix Asphalt ranges from 2.5 – 3.2 with an average thickness of 2.6 inches. The removal of the Hot-Mix Asphalt surface shall be paid for per SQ YD for HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 ½”.

The core report indicates the thickness of the concrete pavement ranges from 7.8 – 9.0 with an average thickness of 8.3 inches. The concrete patches shall be paid for per SQ YD for CLASS A PATCHES of the type and thickness specified in the plans.

FILE NAME = 64R27 GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			FAP	D2 PP 2022-2	WHITESIDE			1
	PLOT SCALE =	CHECKED -	REVISED -			561			CONTRACT NO. 64R27		
	PLOT DATE = 9/6/2021 8:51 AM	DATE - 7/29/2021 10:55 AM	REVISED -	SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	