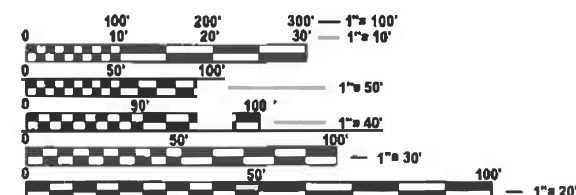


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAP 505 (IL 75) & FAP 525 (SPRINGFIELD AVE.)
SECTION 111STY
HSIP-J80E(818)
INTERSECTION SAFETY IMPROVEMENTS
STEPHENSON & WINNEBAGO COUNTIES

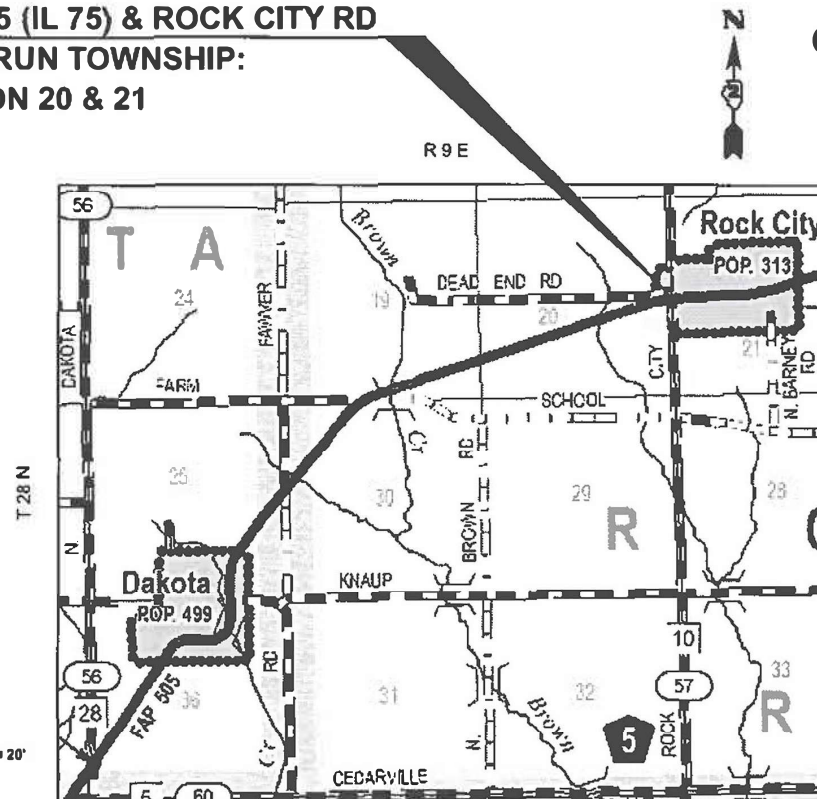
FOR INDEX OF SHEETS
AND HIGHWAY STANDARDS, SEE SHEET NO.2



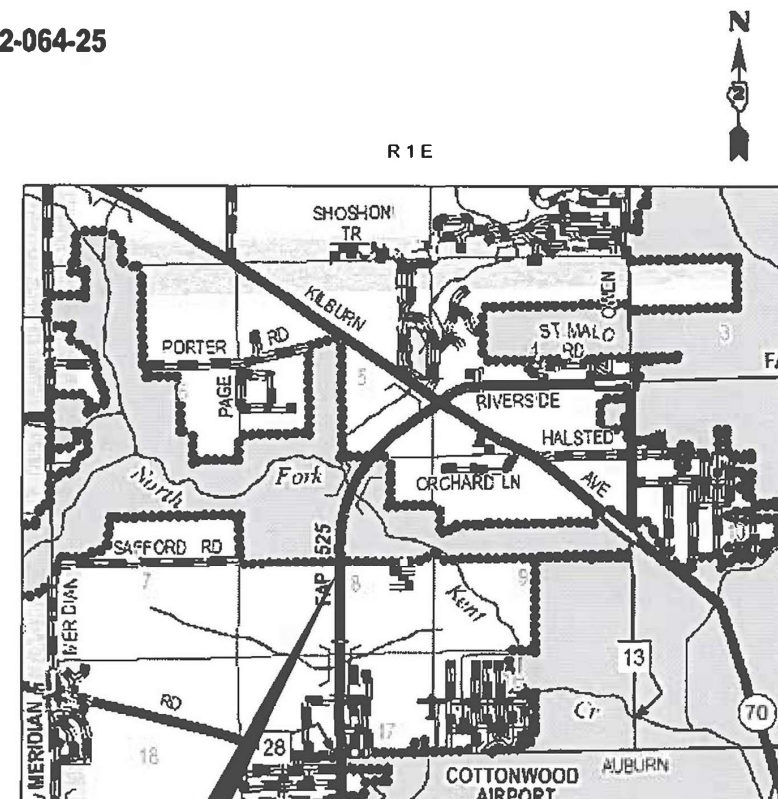
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

FAP 505 (IL 75) & ROCK CITY RD
ROCK RUN TOWNSHIP:
SECTION 20 & 21



FAP 525 (SPRINGFIELD AVE) & SAFFORD RD
ROCKFORD TOWNSHIP:
SECTION 8



PROJECT ENGINEER - ROB BATES PHONE # 815-284-5464

CONTRACT NO. 64U45

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	111STY	VARIOUS	20*	1
ILLINOIS CONTRACT NO. 84U45				
* FAP 505 (IL 75) & FAP 525 (SPRINGFIELD AVE)				
* 20 + 3 = 23 TOTAL SHEETS				
D-92-121-25				



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 17, 2025
Julia M. M... REGIONAL ENGINEER

August 15, 2025
Scott A. Etk... ENGINEER OF DESIGN AND ENVIRONMENT

August 15, 2025
Chad... DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS AND STATE STANDARDS
3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
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6B - 10	PLAN AND SIGNING SHEETS
11	SIGN DESIGN - ROCK CITY ROAD
12 - 15	WORK ZONE SIGN DETAILS (34.1)
16 - 20	TYPICAL PAVEMENT MARKINGS (41.1)
△ 20A	RUMBLE RESURFACING (91.4)

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24' (600MM) FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701901-10	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS

MODEL: D2_SHT_INDEX_1
FILE NAME: c:\pw_work\pwid\renkes\wd1106687\D2_64U45_sht-index of Sheets and Standards.dgn

SUMMARY OF QUANTITIES

				CONSTRUCTION CODE	
				STEPHENSON	WINNEBAGO
				90%FED/10%STATE	90%FED/10%STATE
				SAFETY	SAFETY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021	0021
				RURAL	URBAN
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.5	0.5
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	28	28
72000100	SIGN PANEL - TYPE 1	SQ FT	141	81.8	59.2
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	94.6	58.6	36.0
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	4.6		4.6
73000100	WOOD SIGN SUPPORT	FOOT	234	146	88
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	128	57	71
X6420110	RUMBLE RESURFACING	SQ YD	91.8	91.8	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2		2
Z0051398	REMOVE EXISTING SIGN POST	EACH	6	5	1
X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	14	6	8

*** SPECIALTY ITEMS**

	USER NAME = Ryan.Renkes	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - Ryan.Renkes	REVISED -						*	111STY	*	20	4	
		CHECKED -	REVISED -				CONTRACT NO. 64U45							
	PLOT DATE = 5/16/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.				
												ILLINOIS	FED. AID PROJECT	

*FAP 505 (IL 75) & FAP 525 (SPRINGFIELD AVE)

*STEPHENSON, WINNEBAGO

REV. 9/4/25 REV. 7/28/25

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△

TOTAL
6
8
8
2
4

NEW SIGNS
STOP AHEAD W/ARROW (W3-1) [36"x36"]
STOP (R1-1) [36"x36"]
ALL WAY (R1-3P) [21"x9"]
ROAD NAME (W16-8P) [36"x9"]
CHANGEABLE MESSAGE SIGN

Stephenson
4
4
4
2
2

Winnebago
2
4
4
-
2

72000100 SIGN PANEL - TYPE 1

SQ FT	LOCATION	OFFSET	QUADRANT/ DIRECTION	SIGN	REMARKS
	IL 75				
10.3	10609+89.90	23.15 LT	NE	STOP (R1-1) [36"x36"]	ALL WAY (R1-3P) [21"x9"]
10.3	10608+84.58	25.13 RT	SW	STOP (R1-1) [36"x36"]	ALL WAY (R1-3P) [21"x9"]
11.3	10616+30.00	29.17 LT	WB	STOP AHEAD W/ARROW (W3-1) [36"x36"]	ROAD NAME (W16-8P) [36"x9"]
9.0	10616+30.00	27.69 RT	WB	STOP AHEAD W/ARROW (W3-1) [36"x36"]	
11.3	10602+28.41	28.17 RT	EB	STOP AHEAD W/ARROW (W3-1) [36"x36"]	ROAD NAME (W16-8P) [36"x9"]
9.0	10602+28.41	26.95 LT	EB	STOP AHEAD W/ARROW (W3-1) [36"x36"]	
	Rock City Road				
10.3	360+36.75	24.64 LT	NW	STOP (R1-1) [36"x36"]	ALL WAY (R1-3P) [21"x9"]
10.3	349+57.16	24.59 RT	SE	STOP (R1-1) [36"x36"]	ALL WAY (R1-3P) [21"x9"]
	Springfield Avenue				
10.3	299+99.48	24.00 RT	SE	STOP (R1-1) [36"x36"]	ALL WAY (R1-3P) [21"x9"]
10.3	300+87.72	29.32 LT	NW	STOP (R1-1) [36"x36"]	ALL WAY (R1-3P) [21"x9"]
9.0	295+36.48	29.17 RT	NB	STOP AHEAD W/ARROW (W3-1) [36"x36"]	
9.0	304+80.71	29.17 LT	SB	STOP AHEAD W/ARROW (W3-1) [36"x36"]	
	Safford Road				
10.3	22+11.23	24.00 LT	NE	STOP (R1-1) [36"x36"]	ALL WAY (R1-3P) [21"x9"]
10.3	21+19.78	23.21 RT	SW	STOP (R1-1) [36"x36"]	ALL WAY (R1-3P) [21"x9"]
141.0	TOTAL				Mount on steel post.

72400310 REMOVE SIGN PANEL - TYPE 1

SQ FT	LOCATION	OFFSET	QUADRANT/ DIRECTION	SIGN	REMARKS
	IL 75				
12.8	10614+63.00	22.08 LT	WB	CROSS ROAD (W2-1) [36"x36"]	ROAD NAME (W16-8AP) [36"x15"]
12.8	10603+90.41	27.23 RT	EB	CROSS ROAD (W2-1) [36"x36"]	ROAD NAME (W16-8AP) [36"x15"]
	Rock City Road				
11.0	360+36.75	24.64 LT	NW	STOP (R1-1) [36"x36"]	CROSS TRAFFIC DOES NOT STOP (W4-4P) [24"x12"]
11.0	360+45.72	31.18 RT	NE	STOP (R1-1) [36"x36"]	CROSS TRAFFIC DOES NOT STOP (W4-4P) [24"x12"]
11.0	349+57.16	24.59 RT	SE	STOP (R1-1) [36"x36"]	CROSS TRAFFIC DOES NOT STOP (W4-4P) [24"x12"]
	Springfield Avenue				
9.0	293+43.19	22.59 RT	NB	CROSS ROAD (W2-1) [36"x36"]	
9.0	308+11.40	26.07 LT	SB	CROSS ROAD (W2-1) [36"x36"]	
	Safford Road				
9.0	22+11.23	24.00 LT	NE	STOP (R1-1) [36"x36"]	
9.0	21+19.78	23.21 RT	SW	STOP (R1-1) [36"x36"]	
94.6	TOTAL				Remove from steel post.

72400710 RELOCATE SIGN PANEL - TYPE 1

SQ FT	LOCATION	OFFSET	QUADRANT/ DIRECTION	SIGN	REMARKS
	Springfield Avenue				
2.3	293+43.19	22.59 RT	NB	ROAD NAME (W16-8P) [36"x9"]	Relocate under STOP AHEAD W/ARROW (W3-1) [36"x36"] .
2.3	308+11.40	26.07 LT	SB	ROAD NAME (W16-8P) [36"x9"]	Relocate under STOP AHEAD W/ARROW (W3-1) [36"x36"] .
4.6	TOTAL				

	USER NAME = Ryan.Renkes	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - Ryan.Renkes	REVISED -						*	111STY	*	20	5
		CHECKED -	REVISED -						CONTRACT NO. 64U45				
	PLOT DATE = 8/27/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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73000100 WOOD SIGN SUPPORT

FOOT	LOCATION	OFFSET	QUADRANT/ DIRECTION	SIGN	REMARKS
	IL 75				
18	10609+89.90	23.15 LT	NE	STOP (R1-1) [36"x36"]	ALL WAY (R1-3P) [21"x9"]
18	10608+84.58	25.13 RT	SW	STOP (R1-1) [36"x36"]	ALL WAY (R1-3P) [21"x9"]
18	10616+30.00	29.17 LT	WB	STOP AHEAD W/ARROW (W3-1) [36"x36"]	ROAD NAME (W16-8P) [36"x9"]
18	10616+30.00	27.69 RT	WB	STOP AHEAD W/ARROW (W3-1) [36"x36"]	
20	10602+28.41	28.17 RT	EB	STOP AHEAD W/ARROW (W3-1) [36"x36"]	ROAD NAME (W16-8P) [36"x9"]
20	10602+28.41	26.95 LT	EB	STOP AHEAD W/ARROW (W3-1) [36"x36"]	
Rock City Road					
16	360+36.75	24.64 LT	NW	STOP (R1-1) [36"x36"]	ALL WAY (R1-3P) [21"x9"]
18	349+57.16	24.59 RT	SE	STOP (R1-1) [36"x36"]	ALL WAY (R1-3P) [21"x9"]
Springfield Avenue					
14	299+99.48	24.00 RT	SE	STOP (R1-1) [36"x36"]	ALL WAY (R1-3P) [21"x9"]
20	300+87.72	29.32 LT	NW	STOP (R1-1) [36"x36"]	ALL WAY (R1-3P) [21"x9"]
18	295+36.48	29.17 RT	NB	STOP AHEAD W/ARROW (W3-1) [36"x36"]	
20	304+80.71	29.17 LT	SB	STOP AHEAD W/ARROW (W3-1) [36"x36"]	
Safford Road					
16	22+11.23	24.00 LT	NE	STOP (R1-1) [36"x36"]	ALL WAY (R1-3P) [21"x9"]
234 TOTAL					

78009024 MODIFIED URETHANE PAVEMENT MARKING - LINE 24"

FOOT	LOCATION	OFFSET	QUADRANT/ DIRECTION	PAVEMENT MARKING	REMARKS
	IL 75				
16	10609+76.85	0 LT - 17.80 LT	WB	STOP BAR	
15	10608+93.80	0 RT - 14.72 RT	EB	STOP BAR	
Rock City Road					
13	349+56.15	0 RT - 12.41 RT	NB	STOP BAR	
13	360+42.94	0 LT - 12.28 LT	SB	STOP BAR	
Springfield Avenue					
18	300+01.48	0 RT - 17.29 RT	NB	STOP BAR	
21	300+85.72	0 LT - 20.25 LT	SB	STOP BAR	
Safford Road					
17	22+08.61	0 LT - 16.19 LT	WB	STOP BAR	
15	21+22.41	0 RT - 14.20 RT	EB	STOP BAR	
128 TOTAL					

89502375 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

EACH	LOCATION	OFFSET	QUADRANT/ DIRECTION	TRAFFIC SIGNAL EQUIPMENT	RELATED SIGN	REMARKS
	Springfield Avenue					
1	308+11.40	26.07 LT	SB	BEACON	CROSS ROAD (W2-1) [36"x36"]	Salvage
Safford Road						
1	21+19.78	23.21 RT	SW	BEACON	CROSS ROAD (W2-1) [36"x36"]	Salvage. Located on post.
2 TOTAL						

	USER NAME = Ryan.Renkes	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - Ryan.Renkes	REVISED -							*	111STY	*	20	6
		CHECKED -	REVISED -							CONTRACT NO. 64U45				
	PLOT DATE = 8/28/2025	DATE -	REVISED -							ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET 2	OF 3	SHEETS	STA.	TO STA.				

X0326899 SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)

<u>EACH</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>QUADRANT/ DIRECTION</u>	<u>RELATED SIGN</u>	<u>REMARKS</u>
	<u>IL 75</u>				
1	10609+89.90	23.15 LT	NE	STOP (R1-1) [36"x36"]	Red. Install above sign.
1	10608+84.58	25.13 RT	SW	STOP (R1-1) [36"x36"]	Red. Install above sign.
1	10616+30.00	29.17 LT	WB	STOP AHEAD W/ARROW (W3-1) [36"x36]	Yellow. Install above sign.
1	10602+28.41	28.17 RT	EB	STOP AHEAD W/ARROW (W3-1) [36"x36]	Yellow. Install above sign.
	<u>Rock City Road</u>				
1	360+36.75	24.64 LT	NW	STOP (R1-1) [36"x36"]	Red. Install above sign.
1	349+57.16	24.59 RT	SE	STOP (R1-1) [36"x36"]	Red. Install above sign.
	<u>Springfield Avenue</u>				
1	299+99.48	24.00 RT	SE	STOP (R1-1) [36"x36"]	Red. Install above sign.
1	300+87.72	29.32 LT	NW	STOP (R1-1) [36"x36"]	Red. Install above sign.
1	295+36.48	29.17 RT	NB	STOP AHEAD W/ARROW (W3-1) [36"x36]	Yellow. Install above sign.
1	304+80.71	29.17 LT	SB	STOP AHEAD W/ARROW (W3-1) [36"x36]	Yellow. Install above sign.
	<u>Safford Road</u>				
1	22+11.23	24.00 LT	NE	STOP (R1-1) [36"x36"]	Red. Install above sign.
1	21+19.78	23.21 RT	SW	STOP (R1-1) [36"x36"]	Red. Install above sign.
	<u>Miscellaneous</u>				
2	Various	Various	Various		Red. To be returned to IDOT
14	TOTAL				

X6420110 RUMBLE RESURFACING

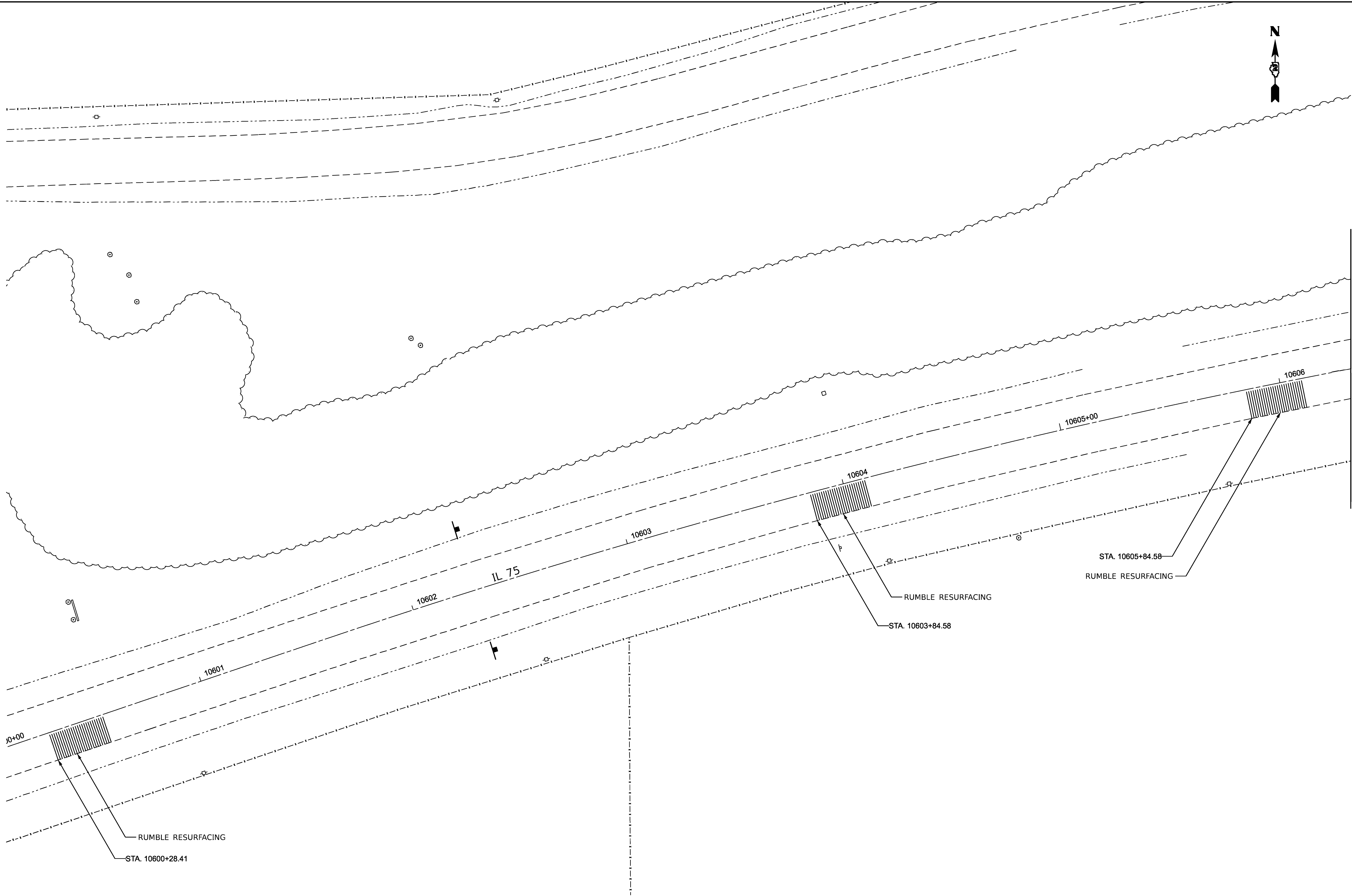
<u>SQ YD</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>QUADRANT/ DIRECTION</u>	<u>REMARKS</u>
	IL 75			
30.6	10605+84.58	1 RT - 12 RT	EB	DISTRICT STANDARD 91.4
30.6	10603+84.58	1 RT - 12 RT	EB	DISTRICT STANDARD 91.4
30.6	10600+28.41	1 RT - 12 RT	EB	DISTRICT STANDARD 91.4
91.8	TOTAL			

Z0051398 REMOVE EXISTING SIGN POST

<u>EACH</u>	<u>LOCATION</u>	<u>OFFSET</u>	<u>QUADRANT/</u>	<u>RELATED SIGN</u>	<u>REMARKS</u>
	<u>IL 75</u>				
1	10614+63.00	22.08 LT	WB	CROSS ROAD (W2-1) [36"x36"]	
1	10603+90.41	27.23 RT	EB	CROSS ROAD (W2-1) [36"x36"]	
	<u>Rock City Road</u>				
1	360+36.75	24.64 LT	NW	STOP (R1-1) [36"x36"]	
1	360+45.72	31.18 RT	NE	STOP (R1-1) [36"x36"]	
1	349+57.16	24.59 RT	SE	STOP (R1-1) [36"x36"]	
	<u>Safford Road</u>				
1	22+11.23	24.00 LT	NE	STOP (R1-1) [36"x36"]	
6	TOTAL				

FILE NAME:	USER NAME = Ryan.Renkes	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - Ryan.Renkes	REVISED -						*	111STY	*	20	6A
		CHECKED -	REVISED -		CONTRACT NO. 64U45								
	PLOT DATE = 8/28/2025	DATE -	REVISED -		SCALE:	SHEET 3	OF 3	SHEETS	STA.	TO STA.		ILLINOIS	FED. AID PROJECT

MODEL: D2_SHT_PLAN_01-IL75 ROCK CITY RUMBLE RESURFACING
FILE NAME: c:\pw_work\pwdata\renkes\old1106687\D2_64U45.sht- Pavement Marking and Signing Sheets.dgn



PLOT DATE	USER NAME = Ryan.Renkes		DESIGNED -	REVISED -
			DRAWN - Ryan.Renkes	REVISED -
			CHECKED -	REVISED -
	DATE = 8/28/2025		DATE -	REVISED -

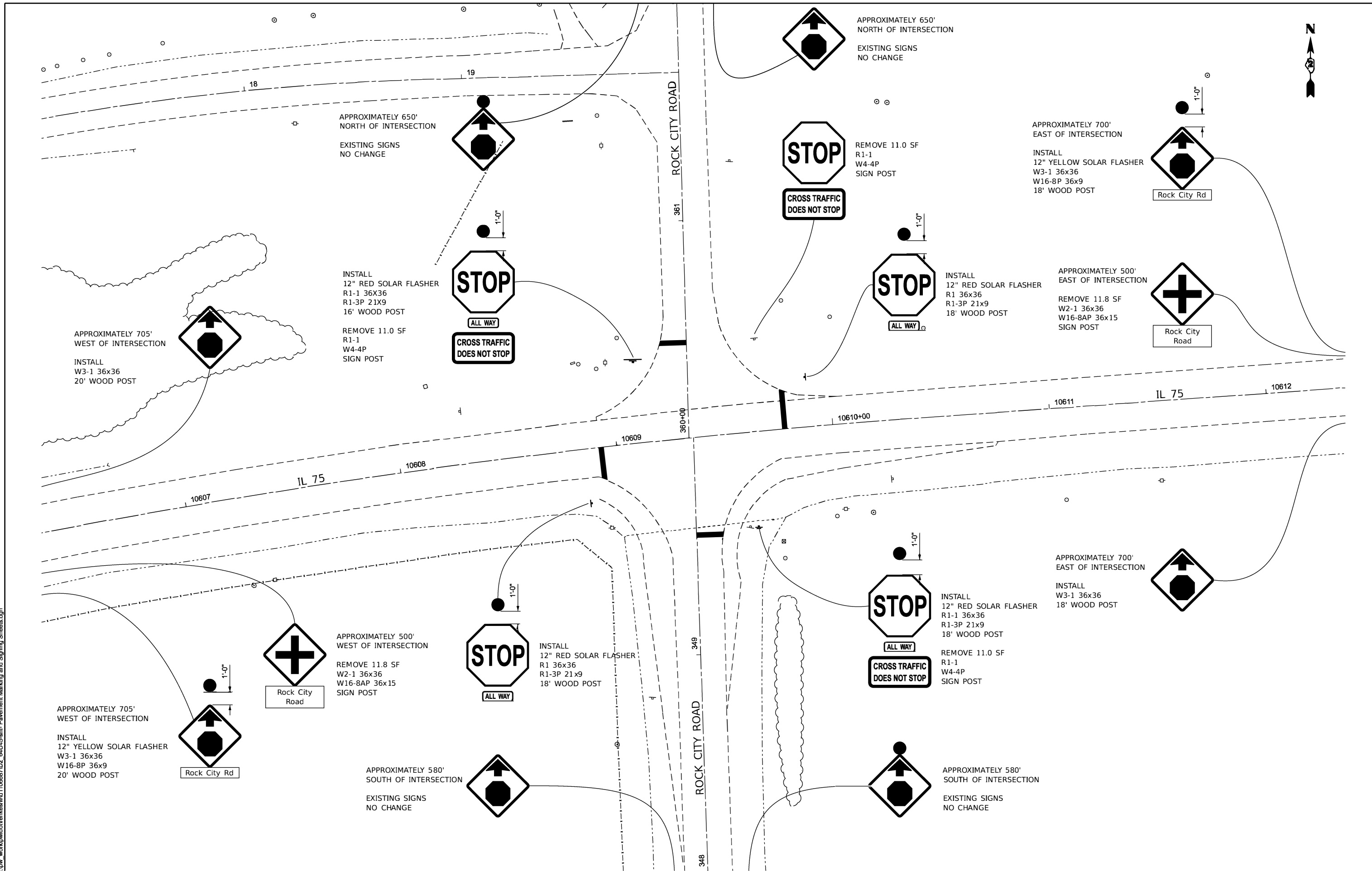
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 75
PLAN SHEET

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	111STY	STEPHENSON	20	6B
		CONTRACT NO. 64U45		
		ILLINOIS	FED. AID PROJECT	

MODEL: D2 SHT PLAN 03-IL 75 ROCK CITY SIGNING PLAN
FILE NAME: c:\pwwork\id\renkes\1106887D2 64U45-shr- Pavement Marking and Signing Sheets.dgn



	USER NAME	= Ryan.Renkes	DESIGNED	-	REVISED	-
	DRAWN	-	CHECKED	-	REVISED	-
	DATE	-	DATE	-	REVISED	-
	PLOT DATE	= 5/19/25				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

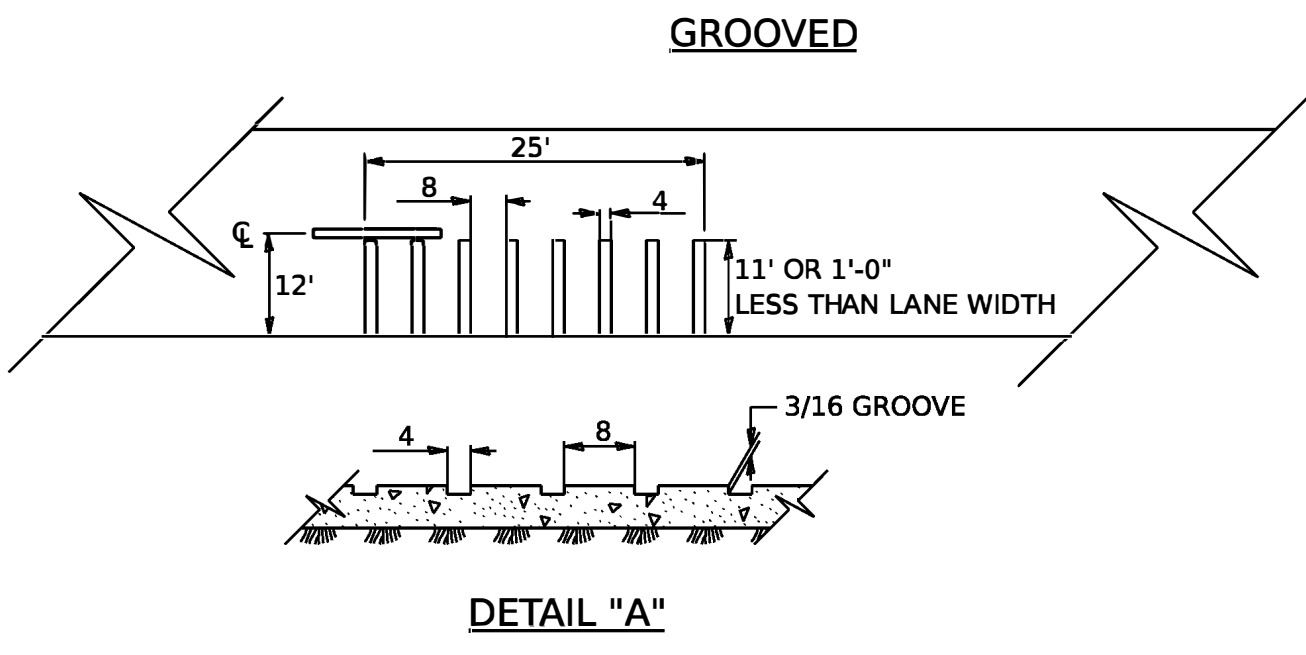
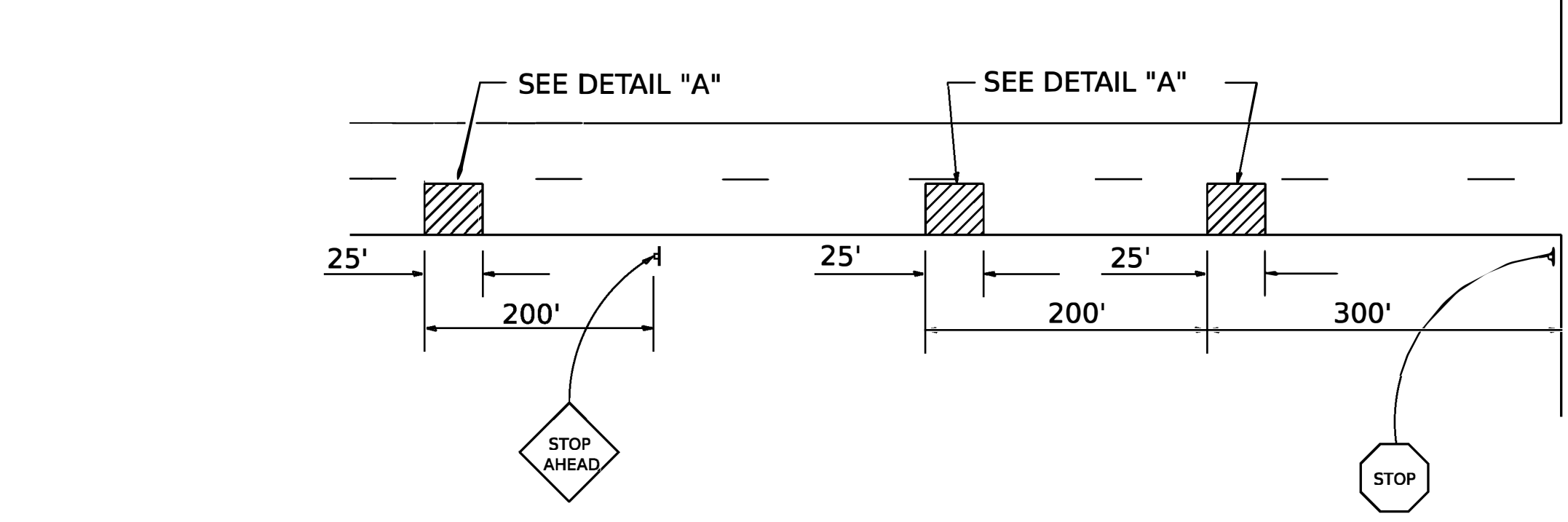
IL 75 & ROCK CITY ROAD
SIGNING PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	111STY	STEPHENSON	20	8
CONTRACT NO. 64U45				
ILLINOIS FED. AID PROJECT				

1 REVISED ENTIRE SHEET 9/4/25

RUMBLE RESURFACING



NOTES

THE GROOVES SHALL BE CONSTRUCTED WITH A MILLING MACHINE CAPABLE OF COLD MILLING THE EXISTING SURFACE IN THE PATTERN SHOWN.

RUMBLE RESURFACING SHALL BE MEASURED FOR PAYMENT IN PLACE AND THE AREA COMPUTED IN SQUARE YARDS. THE LENGTH SHALL BE THE DISTANCE FROM OUTSIDE EDGE TO OUTSIDE EDGE OF THE GROOVE WHICH WILL BE APPROXIMATELY 25'. THE WIDTH SHALL BE 1' LESS THAN LANE WIDTH.

RUMBLE STRIPS SHALL BE CONSTRUCTED AS SHOWN AND PAID FOR PER SQUARE YARD AS RUMBLE RESURFACING.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-05-11

RUMBLE RESURFACING 91.4

MODEL: D2 SHEET STANDARD 11
FILE NAME: DISTRICT 2 STANDARD
PLOT DATE: 8/28/2025

REVISED -	REGION 2 / DISTRICT 2 STANDARD				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
REVISED -					*	111STY	*	20	20A			
REVISED -									CONTRACT NO. 64U45			
REVISED -					SCALE:	SHEET 11	OF 11	SHEETS	STA.	TO STA.		
					ILLINOIS			FED. AID PROJECT				
					*FAP 505 (IL 75) & FAP 525 (SPRINGFIELD AVE)				*STEPHENSON, WINNEBAGO			