

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WINNEBAGO	27	1
		ILLINOIS	CONTRACT NO. 64S20	

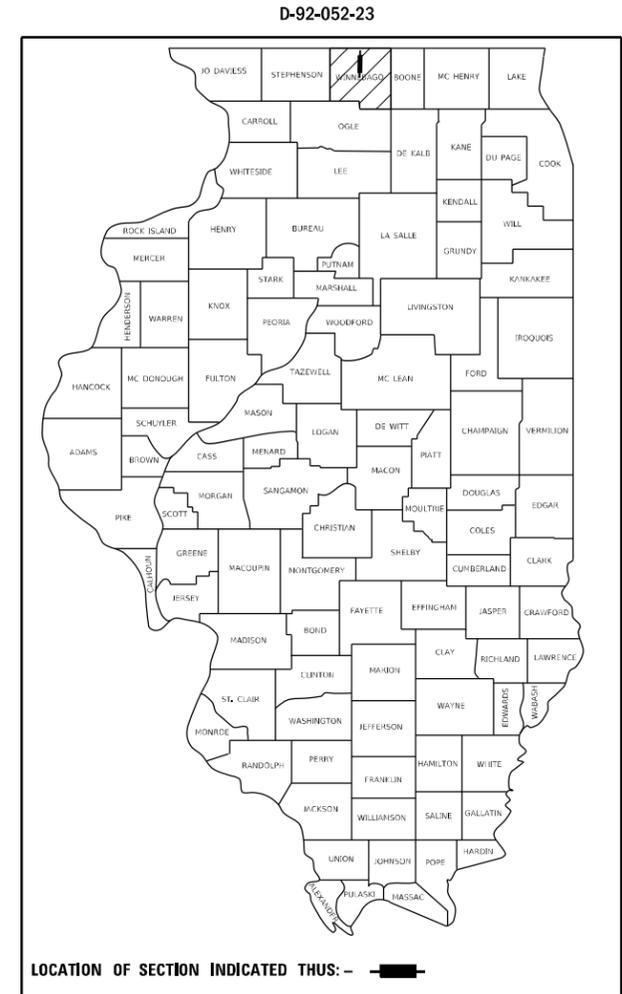
FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

FAP ROUTE 412 (ALPINE RD)
SECTION (124)RS
PROJECT NHPP-5YD8(582)
MILLING AND RESURFACING
WINNEBAGO COUNTY

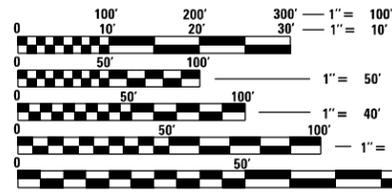
NORTHEAST ROCKFORD TOWNSHIP – SECTION 32
SOUTHEAST ROCKFORD TOWNSHIP – SECTION 5

C-92-028-23
R.2E.



PROJECT ENDS
STA. 167 + 42

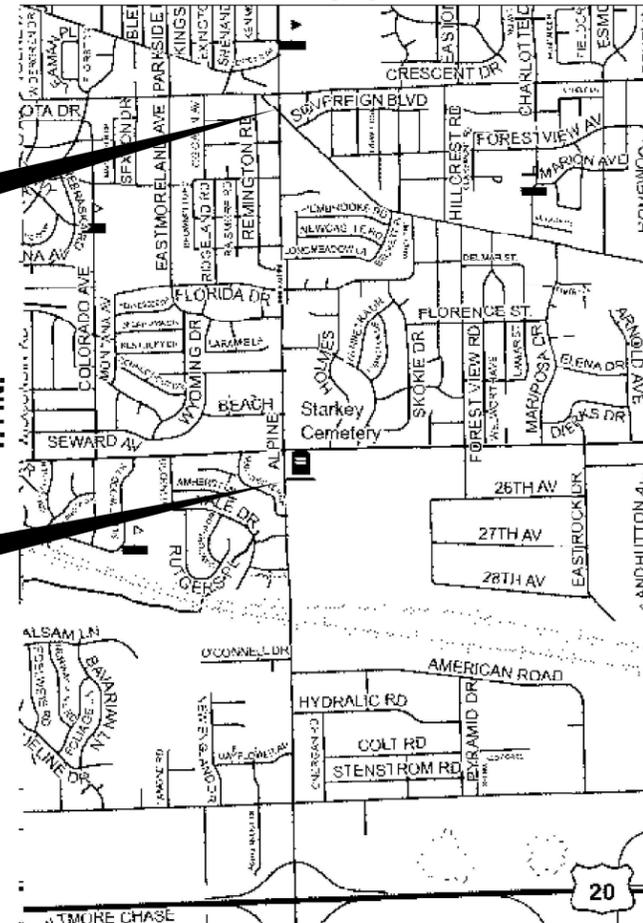
PROJECT BEGINS
STA. 111 + 00



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 EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: MIKE KUEHN
PROJECT MANAGER: TRACI DUDEN 815-284-5932
EMAIL:TRACI.DUDEN ILLIOIS.GOV
CONTRACT NO. 64S20



GROSS LENGTH = 5642 FT. = 1.07 MILE
NET LENGTH = 5642 FT. = 1.07 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 12/13 2022

[Signature]
REGIONAL ENGINEER

February 3, 2023

[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

February 3, 2023

[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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25 - 27	TYPICAL PAVEMENT MARKINGS (DIST STD 41.1)

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER. FOR SPEEDS \geq 45 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON TRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX / HIGHWAY STANDARDS

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WINNEBAGO	27	2
CONTRACT NO. 64520				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

Areas of slag mixture are expected to be milled on this project. RAP containing slag mixture must be stockpiled separately.

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

The following Mixture Requirements are applicable for this project:

Location and Mixture Use(s):	Resurfacing Surface
PG:	SBS PG 70-22
Design Air Voids:	4.0 @ N90
Mixture Composition:	IL 9.5
Friction Aggregate:	F
Mixture Weight:	123 lb/sy/in
Quality Management Program:	QC/QA
Sublot Size:	N/A
Material Transfer Device	Yes

The Contractor will be required to furnish 5 1/2" high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 6" inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

The area to be tacked or primed shall be limited to that which can be covered with HMA on the next day's production, but no more than five days in advance of the placement of the HMA, unless approved by the Engineer.

The Contractor shall be responsible for collecting and maintaining an electronic log of all stakeout survey that is performed on the job, either by him/her or any sub-contractor performing the stakeout. Upon request, all logs shall be submitted to the Department. No additional compensation will be allowed for this work, but shall be considered included in the cost for CONSTRUCTION LAYOUT.

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

1. All words, such as ONLY, shall be 8 feet high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 8 inches, not 7 inches, as shown in the detail of Typical Lane and Edge Lines.
4. Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivided, and one-way roadway shall be according to District Standard 41.1.

The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

NICOR Gas Co.	(630)388-3019
Four Rivers Sanitation Authority	(815)387-7400
Comcast Cable	(224)229-5432
Windstream	(815)715-2287
iFiber	(815)753-5798
City of Rockford	(779)348-7300
Wisconsin Independent Network	(715)838-4012
AT&T	(630)573-5465
ComEd	(309)883-4400
DeKalb Fiber Optic	(815)991-2450
Bluebird Network	(847)650-1348
Unite Private Networks	(319)491-4760
Vinakom Communications	(847)592-5785

FILE NAME = 64S20.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	CHECKED -	REVISED -			FAP 412	124RS	Winnebago	27	3	
	PLOT DATE = 12/13/2022 12:35 PM	DATE - 11/30/2022 3:09 PM	REVISED -			CONTRACT NO. 64S20			ILLINOIS		FED. AID PROJECT
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED	80% FED	
				20% STATE	10% STATE	100% CITY
				0005	0021	0021
				ROADWAY	TRAFFIC SIGNALS	EVP
		URBAN				
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	LB	18,745	18,745		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	39,424	39,424		
40604184	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "F", N90	TON	5,378	5,378		
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	41,656	41,656		
56109210	WATER VALVES TO BE ADJUSTED	EACH	5	5		
60255500	MANHOLES TO BE ADJUSTED	EACH	5	5		
60260100	INLETS TO BE ADJUSTED	EACH	5	5		
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	5	5		
67100100	MOBILIZATION	L SUM	1	1		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,095	1,095		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	365	365		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	378	378.0		

* SPECIALTY ITEMS

USER NAME = Brao,Cushman	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Dec-13-2022 12:23:23 PM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WINNEBAGO	27	4
			CONTRACT NO. 64520	
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				URBAN		
				80% FED 20% STATE	80% FED 10% STATE 10% CITY	100% CITY
				0005 ROADWAY	0021 TRAFFIC SIGNALS	0021 EVP
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	13,890	13,890		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	136	136		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	3,082	3,082		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	419	419		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	426	426		
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	421	421		
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	13,890	13,890		
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	136	136		
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	3,082	3,082		
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	419	419		
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	426	426		
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1		1	
* 89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1			1
* X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	1		1	

* SPECIALTY ITEMS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: _____	SHEET _____	OF _____ SHEETS	STA. _____ TO STA. _____

F.A.P. RTE. 412	SECTION (124)RS	COUNTY WHITESIDE	TOTAL SHEETS 27	SHEET NO. 5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64520	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED	80% FED	
				20% STATE	10% STATE	
					10% CITY	100% CITY
				0005	0021	0021
				ROADWAY	TRAFFIC SIGNALS	EVP
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
* Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1		1	
Z0034105	MATERIAL TRANSFER DEVICE	TON	5,378	5,378		

* SPECIALTY ITEMS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

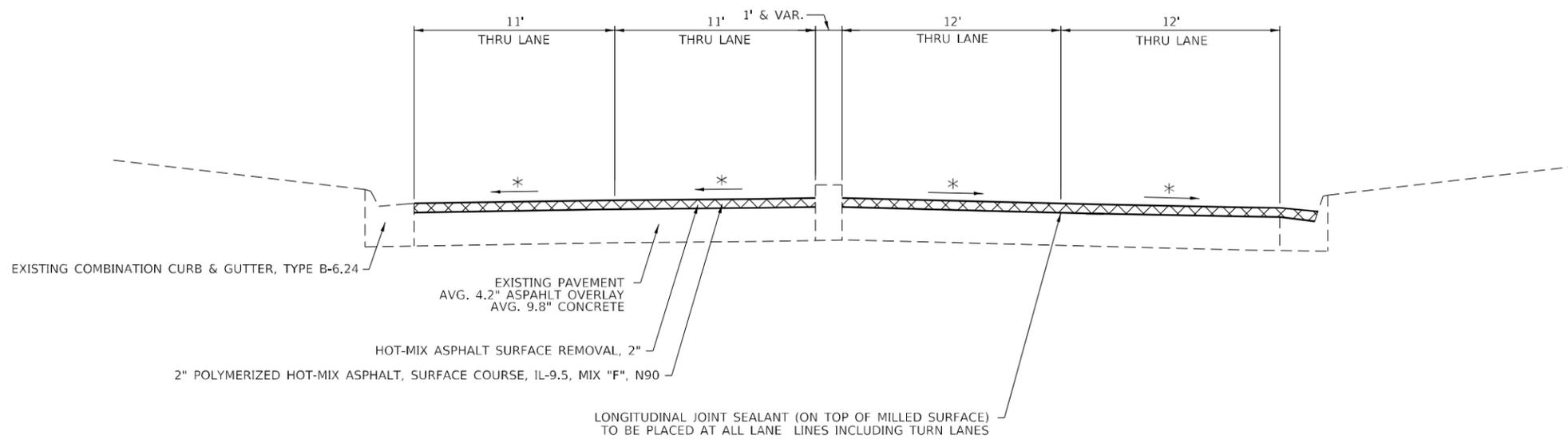
SUMMARY OF QUANTITIES

SCALE: _____ SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WHITESIDE	27	6
			CONTRACT NO. 64520	
ILLINOIS FED. AID PROJECT				

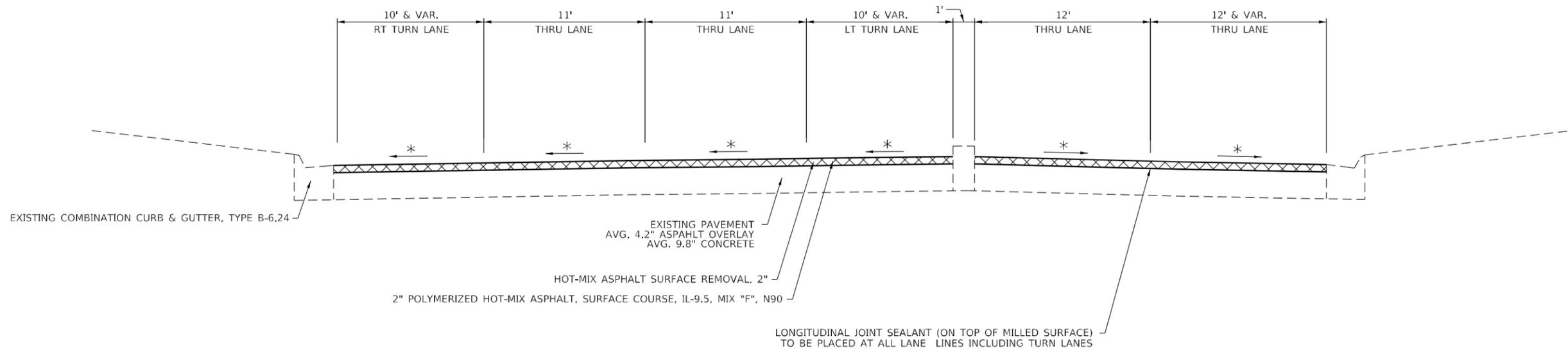
ALPINE RD.

STA. 111+00 - 113+08
113+08 - 116+28 RT GUTTER ONLY FILLED



ALPINE RD.

STA. 116+94 - 119+81



* MATCH EXISTING CROSS SLOPE
HMA UNIT WEIGHT 123 LBS/ SQ YD/ IN

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

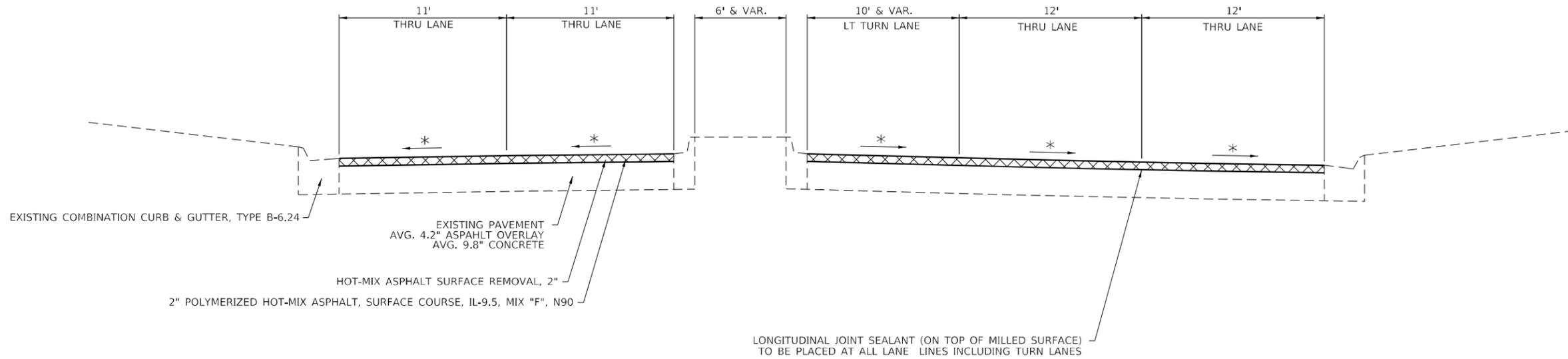
TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WINNEBAGO	27	7
CONTRACT NO. 64520				
ILLINOIS FED. AID PROJECT				

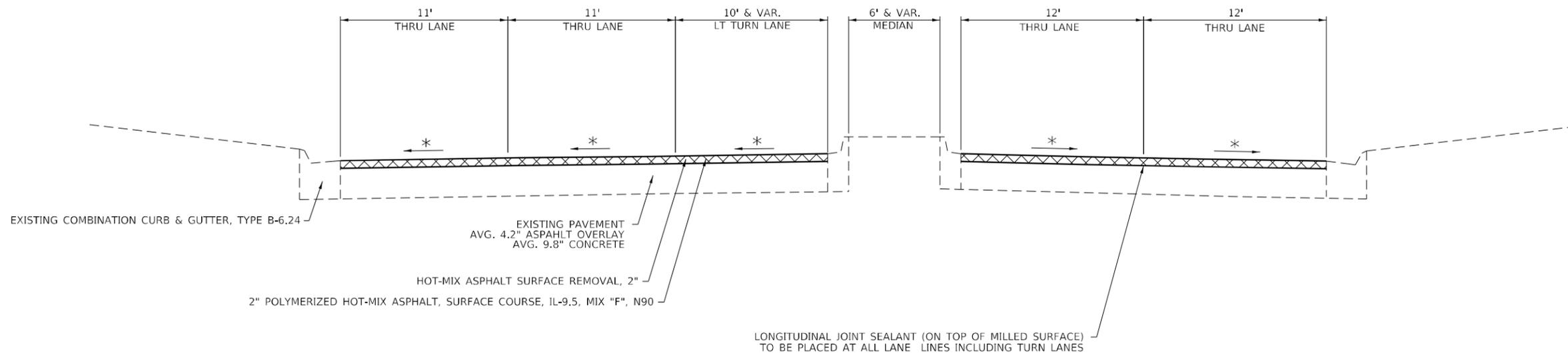
ALPINE RD.

119+81 - 121+49
 124+39 - 127+97
 136+07 - 139+82
 143+09 - 146+44
 159+26 - 161+65



ALPINE RD.

122+10 - 125+67
 131+72 - 135+48
 140+43 - 144+00
 154+43 - 157+13
 157+86 - 159+95
 162+27 - 165+74



* MATCH EXISTING CROSS SLOPE
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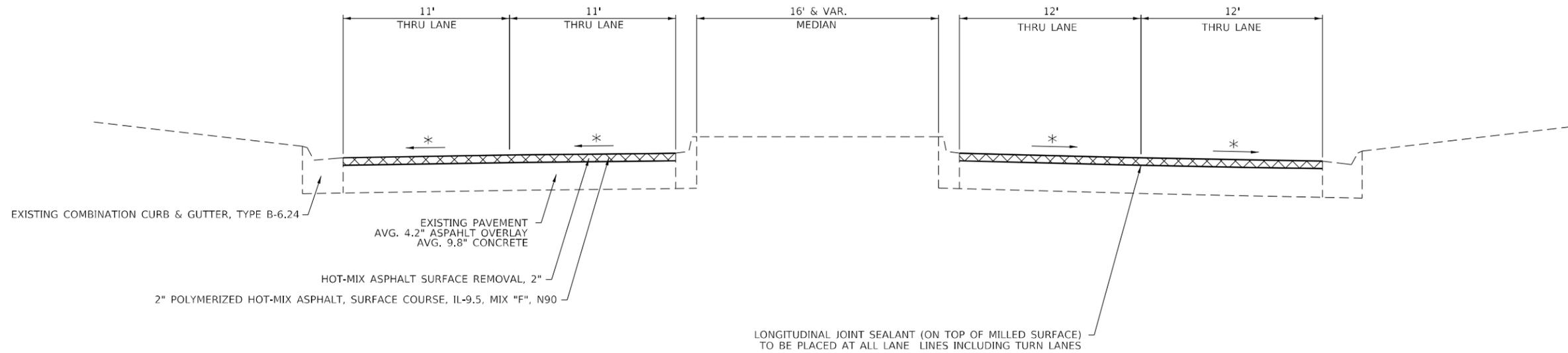
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

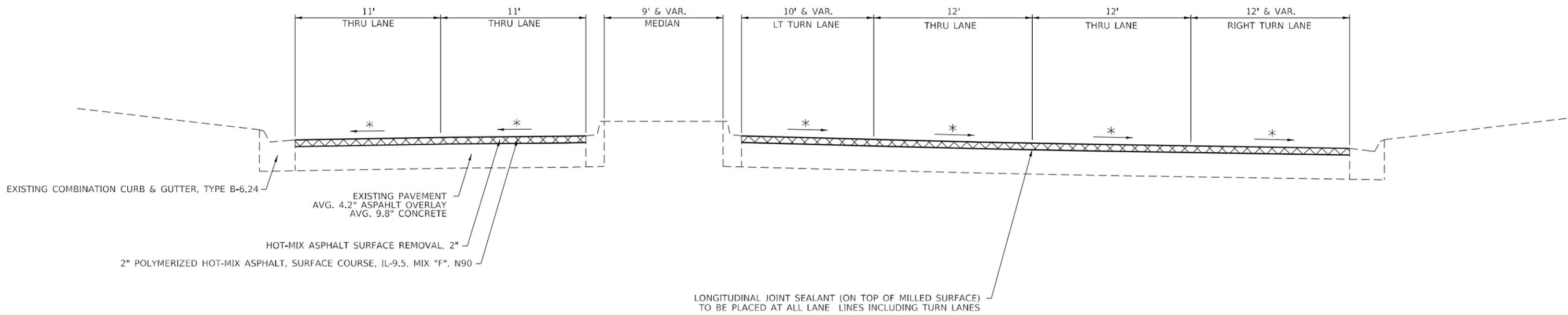
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WINNEBAGO	27	8
CONTRACT NO. 64520				
ILLINOIS FED. AID PROJECT				

ALPINE RD.
 128+37 - 131+19
 135+48 - 136+07



ALPINE RD.
 165+48 - 167+42



* MATCH EXISTING CROSS SLOPE
 HMA UNIT WEIGHT 123 LBS/ SQ YD/ IN

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

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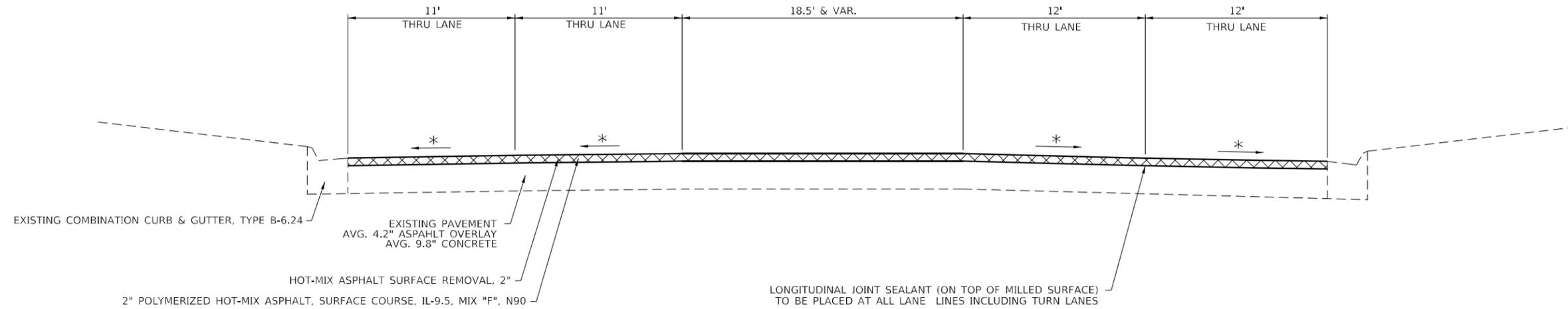
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F.A.P. RTE. 412	SECTION (124)RS	COUNTY WINNEBAGO	TOTAL SHEETS 27	SHEET NO. 9
CONTRACT NO. 64520				
ILLINOIS FED. AID PROJECT				

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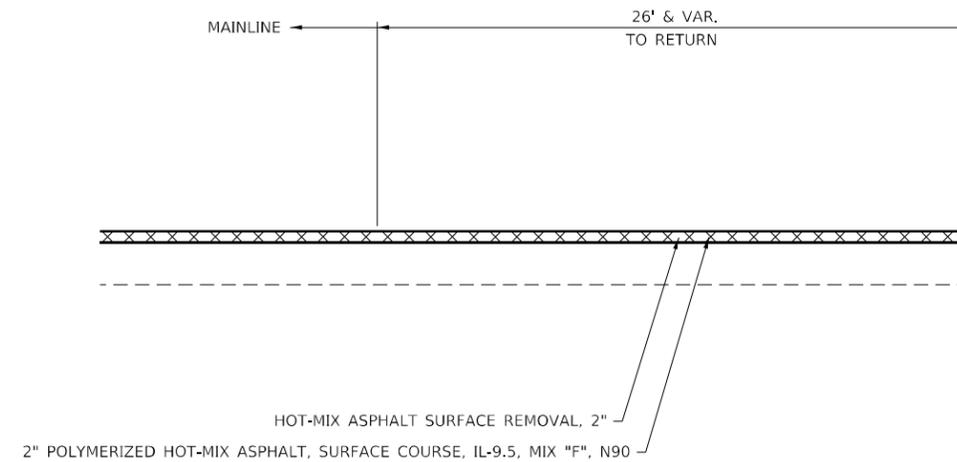
MEDIAN OPENINGS

HARRISON AVE. 116+28 - 116+94
 BEACH ST. 121+49 - 122+10
 DAKOTA LN. 127+97 - 128+37
 UPLAND DR. 131+19 - 131+72
 FLORIDA DR. / CLEVELAND RD. 139+82 - 140+43
 PUBLIC LN. 146+44 - 146+97
 APPLE ORCHARD LN. 154+00 - 154+43
 ENTRANCE 157+13 - 157+86
 16TH ST. 161+65 - 162+27



SIDERoadS

HARRISON AVE.
 BEACH ST.
 DAKOTA LN.
 UPLAND DR.
 EASTMORELAND AVE.
 FLORIDA DR.
 PUBLIC LN.
 APPLE ORCHARD LN.
 16TH ST.
 CHARLES ST. (WEST)
 CHARLES ST. (EAST)



* MATCH EXISTING CROSS SLOPE
 HMA UNIT WEIGHT 123 LBS/ SQ YD/ IN

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	DRAWN -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WINNEBAGO	27	10
CONTRACT NO. 64520				
ILLINOIS FED. AID PROJECT				

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56109210	WATER VALVES TO BE ADJUSTED			REMARKS
EACH	LOCATION	OFFSET		
5				TO BE USED IF NEEDED
5				
60255500	MANHOLES TO BE ADJUSTED			REMARKS
EACH	LOCATION	OFFSET		
5				TO BE USED IF NEEDED
5				
60260100	INLETS TO BE ADJUSTED			REMARKS
EACH	LOCATION	OFFSET		
5				TO BE USED IF NEEDED
5				
60265700	VALVE VAULTS TO BE ADJUSTED			REMARKS
EACH	LOCATION	OFFSET		
5				TO BE USED IF NEEDED
5				
70300100	SHORT TERM PAVEMENT MARKING			REMARKS
FOOT	LOCATION	OFFSET		
1095	111+00 - 165+74			
1095				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL			REMARKS
SQ FT	LOCATION	OFFSET		
365	111+00 - 165+74			
365				

78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS			REMARKS
SQ FT	LOCATION	OFFSET		
	<u>NORTHBOUND</u>			
8.8	114+92			LEFT TURN ARROW
8.8	115+92			LEFT TURN ARROW
8.8	120+37			LEFT TURN ARROW
8.8	120+83			LEFT TURN ARROW
8.8	121+43			LEFT TURN ARROW
8.8	126+05			LEFT TURN ARROW
8.8	126+91			LEFT TURN ARROW
8.8	127+77			LEFT TURN ARROW
8.8	137+47			LEFT TURN ARROW
8.8	138+63			LEFT TURN ARROW
8.8	139+70			LEFT TURN ARROW
8.8	144+47			LEFT TURN ARROW
8.8	145+37			LEFT TURN ARROW
8.8	146+28			LEFT TURN ARROW
8.8	160+45			LEFT TURN ARROW
8.8	160+99			LEFT TURN ARROW
8.8	161+53			LEFT TURN ARROW
8.8	167+29			LEFT TURN ARROW
8.8	167+29			RIGHT TURN ARROW
	<u>SOUTHBOUND</u>			
8.8	117+36			LEFT TURN ARROW
8.8	117+73			RIGHT TURN ARROW
8.8	118+54			LEFT TURN ARROW
8.8	118+55			RIGHT TURN ARROW
8.8	122+23			LEFT TURN ARROW
8.8	123+12			LEFT TURN ARROW
8.8	124+00			LEFT TURN ARROW
8.8	131+85			LEFT TURN ARROW
8.8	132+79			LEFT TURN ARROW
8.8	133+73			LEFT TURN ARROW
8.8	140+54			LEFT TURN ARROW
8.8	141+40			LEFT TURN ARROW
8.8	142+34			LEFT TURN ARROW
8.8	154+45			LEFT TURN ARROW
8.8	155+03			LEFT TURN ARROW
8.8	155+50			LEFT TURN ARROW
8.8	157+99			LEFT TURN ARROW
8.8	158+42			LEFT TURN ARROW
8.8	158+83			LEFT TURN ARROW
8.8	162+40			LEFT TURN ARROW
8.8	162+96			LEFT TURN ARROW
8.8	163+60			LEFT TURN ARROW
	<u>HARRISON AVE</u>			
8.8	116+16			RIGHT TURN ARROW
8.8	116+59			LEFT TURN ARROW
378	TOTAL			

78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"			REMARKS
FOOT	LOCATION	OFFSET		
	<u>NORTHBOUND</u>			
1369	111+00 - 165+74			WHITE - SKIPDASH
5474	111+00 - 165+74			YELLOW - MEDIAN
	<u>SOUTHBOUND</u>			
1369	111+00 - 165+74			WHITE - SKIPDASH
5474	111+00 - 165+74			YELLOW - MEDIAN
	<u>HARRISON AVE</u>			
205				
13890	TOTAL			

USER NAME = Bracl,Cushman	DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISOR - _____	
PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Dec-13-2022 12:25:05 PM	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____	TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WINNEBAGO	27	11
			CONTRACT NO. 64520	
ILLINOIS FED. AID PROJECT				

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"

FOOT	LOCATION	OFFSET	REMARKS
68	139+85		Cross Walk
68	139+91		Cross Walk
136			

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 3"

FOOT	LOCATION	OFFSET	REMARKS
<u>NORTHBOUND</u>			
140	114+72 - 116+12		LT TURN LANE
40	116+03 - 116+28		ISLAND
174	116+94 - 117+41		ISLAND
119	120+24 - 121+43		LT TURN LANE
192	125+96 - 127+88		LT TURN LANE
234	137+47 - 139+81		LT TURN LANE
200	144+38 - 146+38		LT TURN LANE
127	160+35 - 161+62		LT TURN LANE
87	166+55 - 167+42		LT TURN LANE
71	166+71 - 167+42		RT TURN LANE
<u>SOUTHBOUND</u>			
68	115+88 - 116+28		ISLAND
101	116+93 - 117+40		ISLAND
182	116+93 - 118+75		RT TURN LANE
170	117+04 - 118+74		LT TURN LANE
197	122+13 - 124+10		LT TURN LANE
207	131+75 - 133+82		LT TURN LANE
190	140+44 - 142+34		LT TURN LANE
115	154+45 - 155+60		LT TURN LANE
104	157+89 - 158+93		LT TURN LANE
129	162+31 - 163+60		LT TURN LANE
<u>HARRISON AVE</u>			
97	116+28 -		RT TURN LANE
86	116+49 -		LT TURN LANE
52	116+69 -		LT TURN LANE
3082	TOTAL		

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

FOOT	LOCATION	OFFSET	REMARKS
<u>NORTHBOUND</u>			
79	116+03 - 116+28		DIAGONALS
105	116+94 - 117+41		DIAGONALS
<u>SOUTHBOUND</u>			
98	115+88 - 116+28		ISLAND
138	116+93 - 117+40		ISLAND
419	TOTAL		

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

FOOT	LOCATION	OFFSET	REMARKS
<u>NORTHBOUND</u>			
18	116+02		
24	116+12		
36	121+43		
12	127+88		
36	139+80		
12	146+38		
12	161+62		
<u>SOUTHBOUND</u>			
22	117+04		
10	117+16		
18	117+23		
34	122+13		
12	131+75		
12	140+44		
12	154+45		
12	157+89		
10	162+31		
<u>HARRISON AVE</u>			
20	115+89		
24	116+28		
10	116+50		
24	116+69		
19	117+25		
<u>BEACH</u>			
22			
<u>FLORIDA</u>			
15			
426	TOTAL		

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PLOT DATE = Dec-13-2022 12:25:40 PM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WINNEBAGO	27	12
CONTRACT NO. 64520				
ILLINOIS FED. AID PROJECT				

78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS			
SQ FT	LOCATION	OFFSET	REMARKS	
	<u>NORTHBOUND</u>			
9.8	114+92		LEFT TURN ARROW	
9.8	115+92		LEFT TURN ARROW	
9.8	120+37		LEFT TURN ARROW	
9.8	120+83		LEFT TURN ARROW	
9.8	121+43		LEFT TURN ARROW	
9.8	126+05		LEFT TURN ARROW	
9.8	126+91		LEFT TURN ARROW	
9.8	127+77		LEFT TURN ARROW	
9.8	137+47		LEFT TURN ARROW	
9.8	138+63		LEFT TURN ARROW	
9.8	139+70		LEFT TURN ARROW	
9.8	144+47		LEFT TURN ARROW	
9.8	145+37		LEFT TURN ARROW	
9.8	146+28		LEFT TURN ARROW	
9.8	160+45		LEFT TURN ARROW	
9.8	160+99		LEFT TURN ARROW	
9.8	161+53		LEFT TURN ARROW	
9.8	167+29		LEFT TURN ARROW	
9.8	167+29		RIGHT TURN ARROW	
	<u>SOUTHBOUND</u>			
9.8	117+36		LEFT TURN ARROW	
9.8	117+73		RIGHT TURN ARROW	
9.8	118+54		LEFT TURN ARROW	
9.8	118+55		RIGHT TURN ARROW	
9.8	122+23		LEFT TURN ARROW	
9.8	123+12		LEFT TURN ARROW	
9.8	124+00		LEFT TURN ARROW	
9.8	131+85		LEFT TURN ARROW	
9.8	132+79		LEFT TURN ARROW	
9.8	133+73		LEFT TURN ARROW	
9.8	140+54		LEFT TURN ARROW	
9.8	141+40		LEFT TURN ARROW	
9.8	142+34		LEFT TURN ARROW	
9.8	154+45		LEFT TURN ARROW	
9.8	155+03		LEFT TURN ARROW	
9.8	155+50		LEFT TURN ARROW	
9.8	157+99		LEFT TURN ARROW	
9.8	158+42		LEFT TURN ARROW	
9.8	158+83		LEFT TURN ARROW	
9.8	162+40		LEFT TURN ARROW	
9.8	162+96		LEFT TURN ARROW	
9.8	163+60		LEFT TURN ARROW	
	<u>HARRISON AVE</u>			
9.8	116+16		RIGHT TURN ARROW	
9.8	116+59		LEFT TURN ARROW	
421	TOTAL			

78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"			
FOOT	LOCATION	OFFSET	REMARKS	
	<u>NORTHBOUND</u>			
1369	111+00	- 165+74	WHITE - SKIPDASH	
5474	111+00	- 165+74	YELLOW - MEDIAN	
	<u>SOUTHBOUND</u>			
1369	111+00	- 165+74	WHITE - SKIPDASH	
5474	111+00	- 165+74	YELLOW - MEDIAN	
	<u>HARRISON AVE</u>			
205				
13890	TOTAL			

78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"			
FOOT	LOCATION	OFFSET	REMARKS	
68	139+85		Cross Walk	
68	139+91		Cross Walk	
136	TOTAL			

78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"			
FOOT	LOCATION	OFFSET	REMARKS	
	<u>NORTHBOUND</u>			
140	114+72	- 116+12	LT TURN LANE	
40	116+03	- 116+28	ISLAND	
174	116+94	- 117+41	ISLAND	
119	120+24	- 121+43	LT TURN LANE	
192	125+96	- 127+88	LT TURN LANE	
234	137+47	- 139+81	LT TURN LANE	
200	144+38	- 146+38	LT TURN LANE	
127	160+35	- 161+62	LT TURN LANE	
87	166+55	- 167+42	LT TURN LANE	
71	166+71	- 167+42	RT TURN LANE	
	<u>SOUTHBOUND</u>			
68	115+88	- 116+28	ISLAND	
101	116+93	- 117+40	ISLAND	
182	116+93	- 118+75	RT TURN LANE	
170	117+04	- 118+74	LT TURN LANE	
197	122+13	- 124+10	LT TURN LANE	
207	131+75	- 133+82	LT TURN LANE	
190	140+44	- 142+34	LT TURN LANE	
115	154+45	- 155+60	LT TURN LANE	
104	157+89	- 158+93	LT TURN LANE	
129	162+31	- 163+60		
	<u>HARRISON AVE</u>			
97	116+28	-	RT TURN LANE	
86	116+49	-	LT TURN LANE	
52	116+69	-	LT TURN LANE	
3082	TOTAL			

78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"			
FOOT	LOCATION	OFFSET	REMARKS	
	<u>NORTHBOUND</u>			
79	116+03	- 116+28	DIAGONALS	
105	116+94	- 117+41	DIAGONALS	
	<u>SOUTHBOUND</u>			
98	115+88	- 116+28	ISLAND	
138	116+93	- 117+40	ISLAND	
419	TOTAL			

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PLOT DATE = Dec-13-2022 12:26:11 PM	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE: _____	SHEET _____	OF _____	SHEETS
STA. _____	TO STA. _____		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WINNEBAGO	27	13
CONTRACT NO. 64520				
ILLINOIS FED. AID PROJECT				

78011125 GROOVING FOR RECESSED PAVEMENT MARKING 25"

FOOT	LOCATION	OFFSET	REMARKS
	<u>NORTHBOUND</u>		
18	116+02		
24	116+12		
36	121+43		
12	127+88		
36	139+80		
12	146+38		
12	161+62		
	<u>SOUTHBOUND</u>		
22	117+04		
10	117+16		
18	117+23		
34	122+13		
12	131+75		
12	140+44		
12	154+45		
12	157+89		
10	162+31		
	<u>HARRISON AVE</u>		
20	115+89		
24	116+28		
10	116+50		
24	116+69		
19	117+25		
	<u>BEACH</u>		
22			
	<u>FLORIDA</u>		
15			
426	TOTAL		

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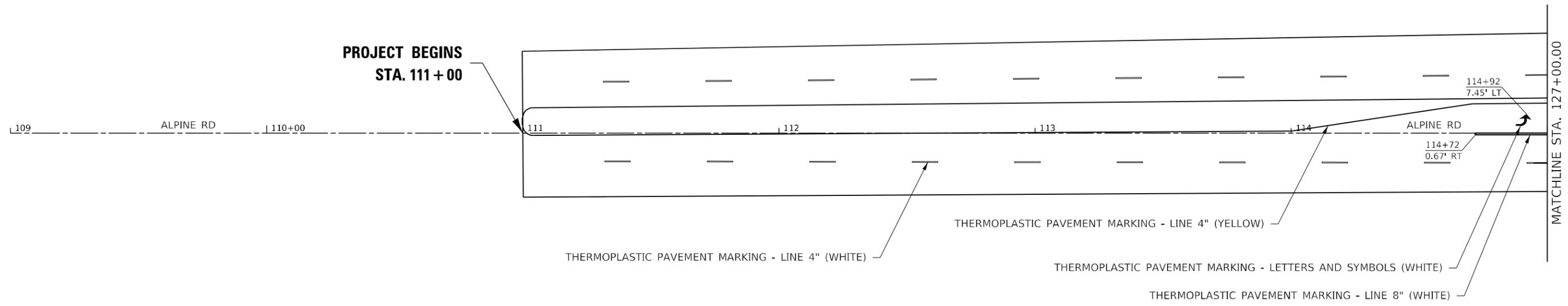
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: _____ SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WINNEBAGO	27	14
CONTRACT NO. 64520				
ILLINOIS			FED. AID PROJECT	



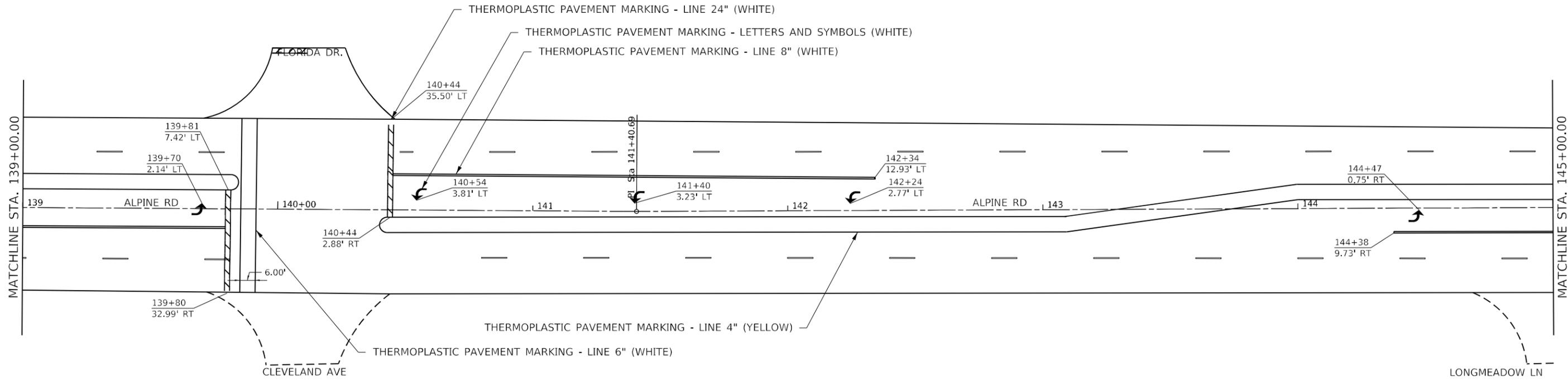
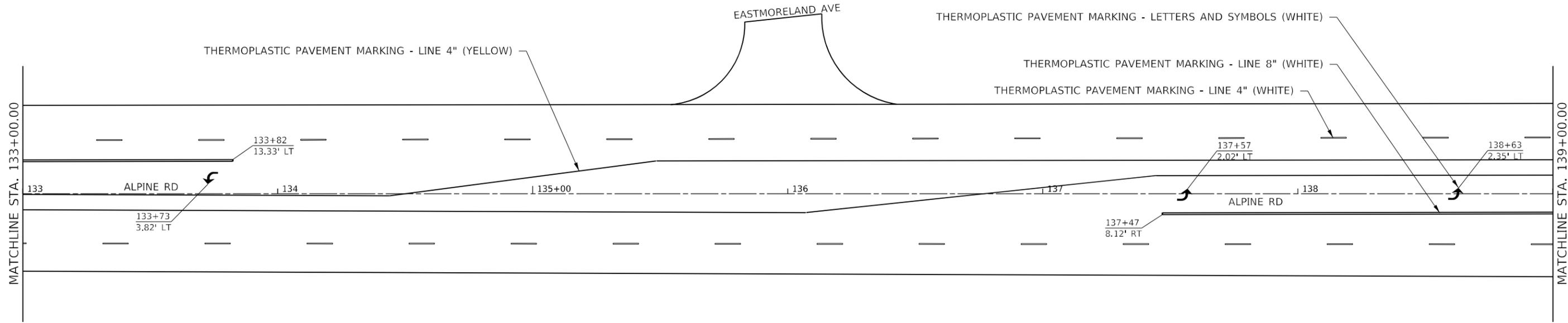
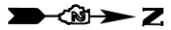
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALPINE ROAD PLAN SHEETS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WINNEBAGO	27	16
CONTRACT NO. 64520				
ILLINOIS FED. AID PROJECT				



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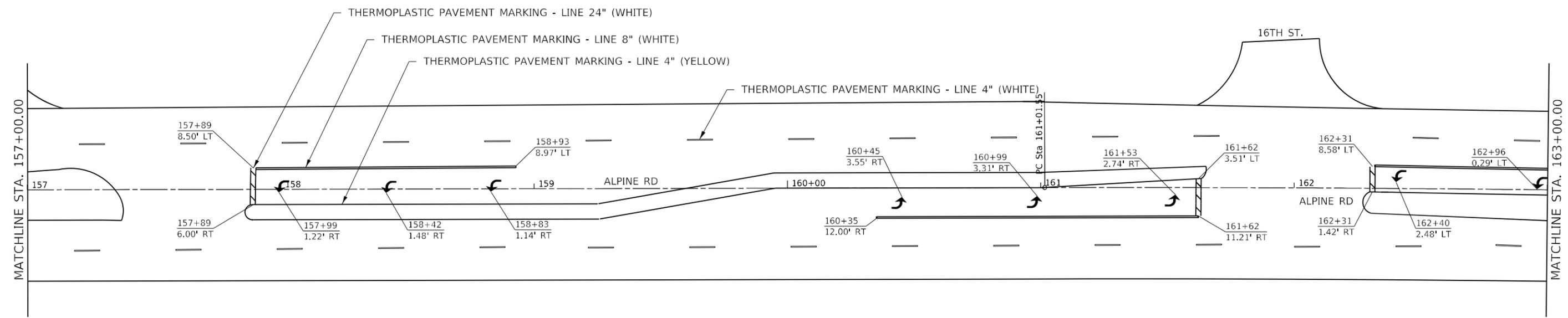
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALPINE ROAD PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WINNEBAGO	27	19
CONTRACT NO. 64520			ILLINOIS FED. AID PROJECT	



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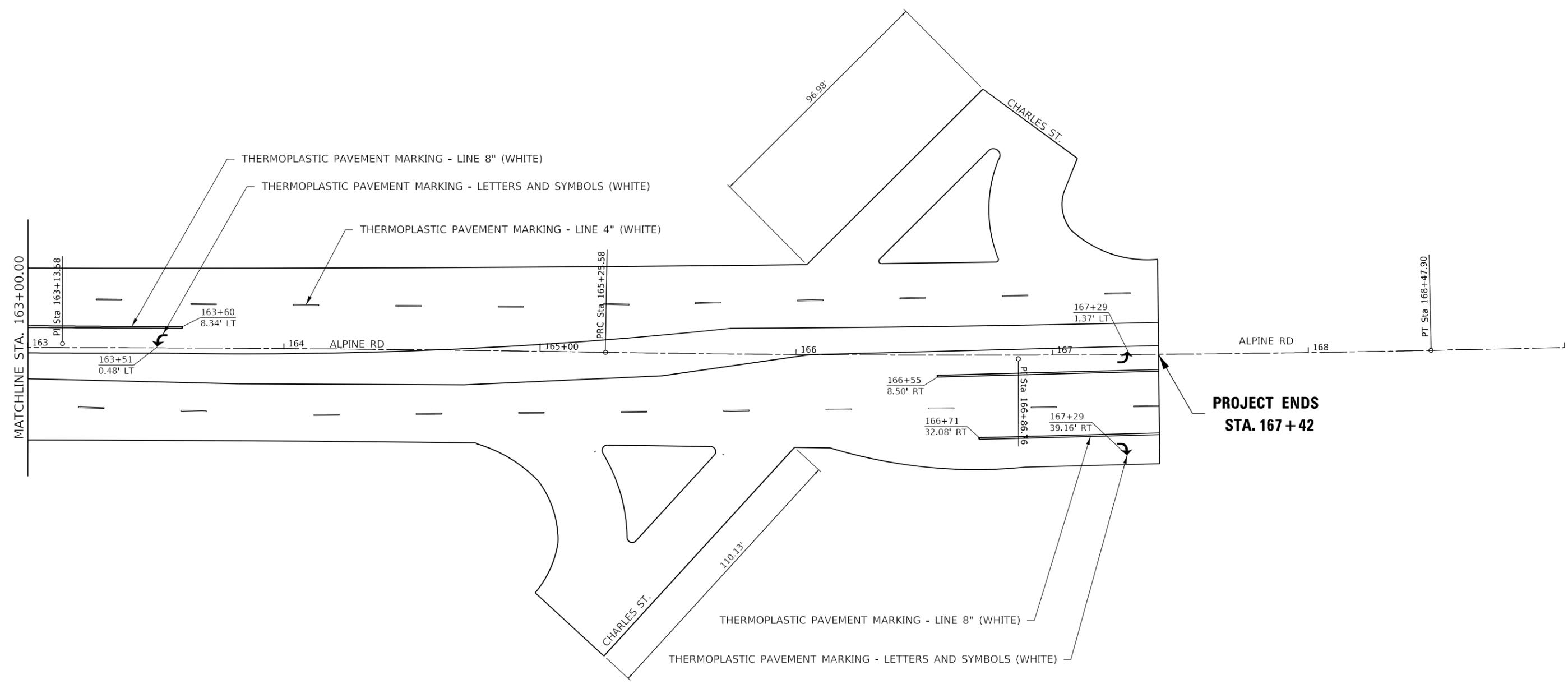
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALPINE ROAD PLAN SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WINNEBAGO	27	21
CONTRACT NO. 64520				
ILLINOIS FED. AID PROJECT				



**PROJECT ENDS
STA. 167 + 42**

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALPINE ROAD PLAN SHEETS

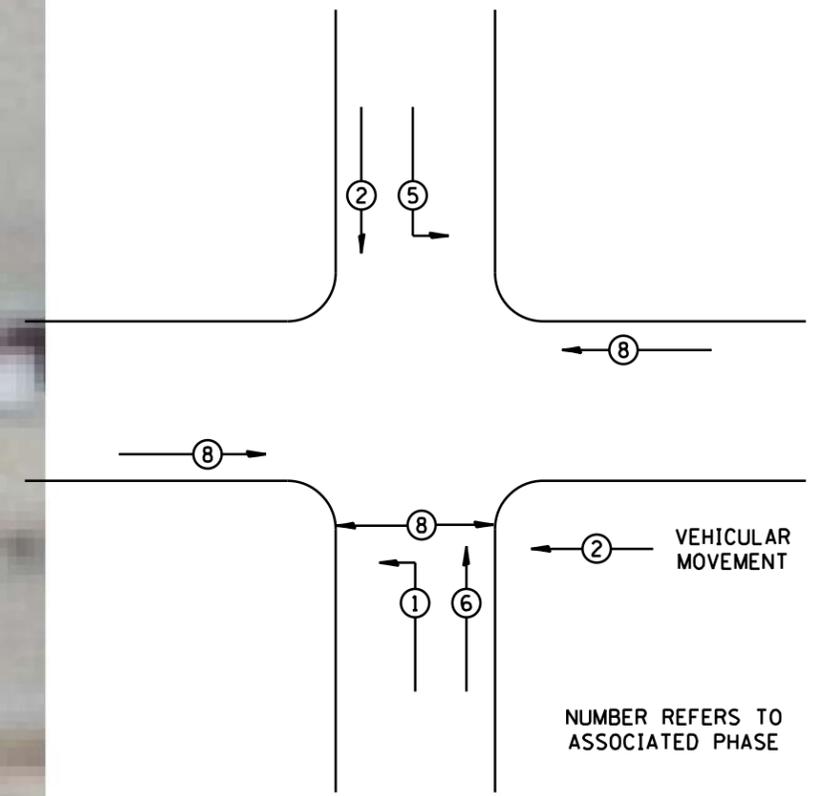
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WINNEBAGO	27	22
CONTRACT NO. 64520				
ILLINOIS FED. AID PROJECT				

REMOVE AND REPLACE
CONTROLLER AND CABINET
ON EXISTING FOUNDATION

EXISTING MASTARM
LOCATION CAMERAS FOR THE
NORTHBOUND AND WESTBOUND LEGS

PHASE DESIGNATION DIAGRAM



BEACH ST

EXISTING MASTARM
LOCATION CAMERAS FOR THE
SOUTHBOUND AND EASTBOUND LEGS

NOTE: EXISTING CONTROLLER SHALL
REMAIN THE PROPERTY OF THE
ILLINOIS DEPARTMENT OF TRANSPORTATION
THE CABINET SHALL REMAIN THE PROPERTY
OF THE CITY OF ROCKFORD

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DRAWN -	REVISIED -	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

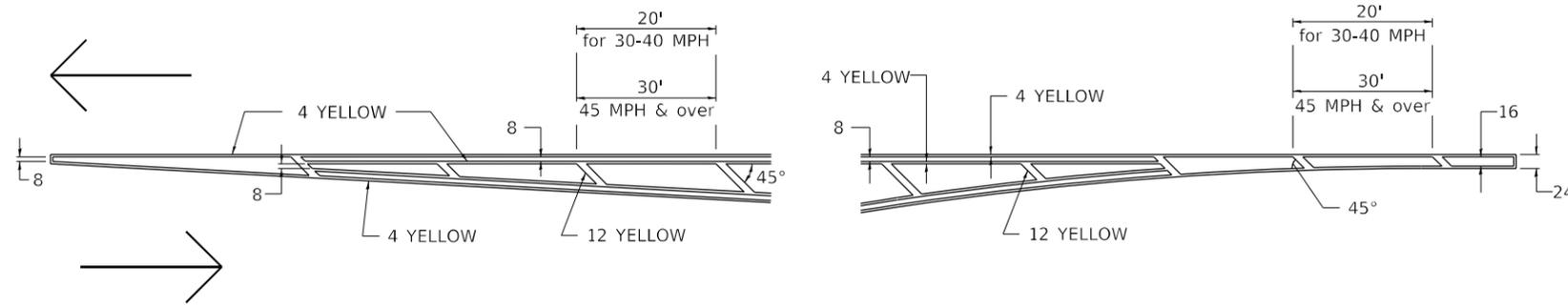
**ALPINE ROAD SIGNAL UPGRADE
BEACH STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

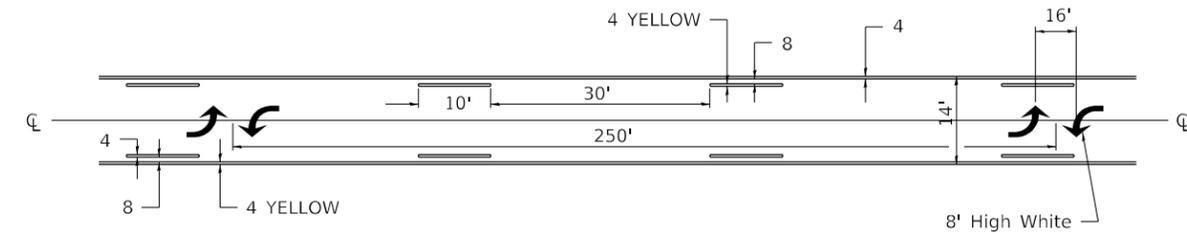
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WINNEBAGO	27	23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64520	

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

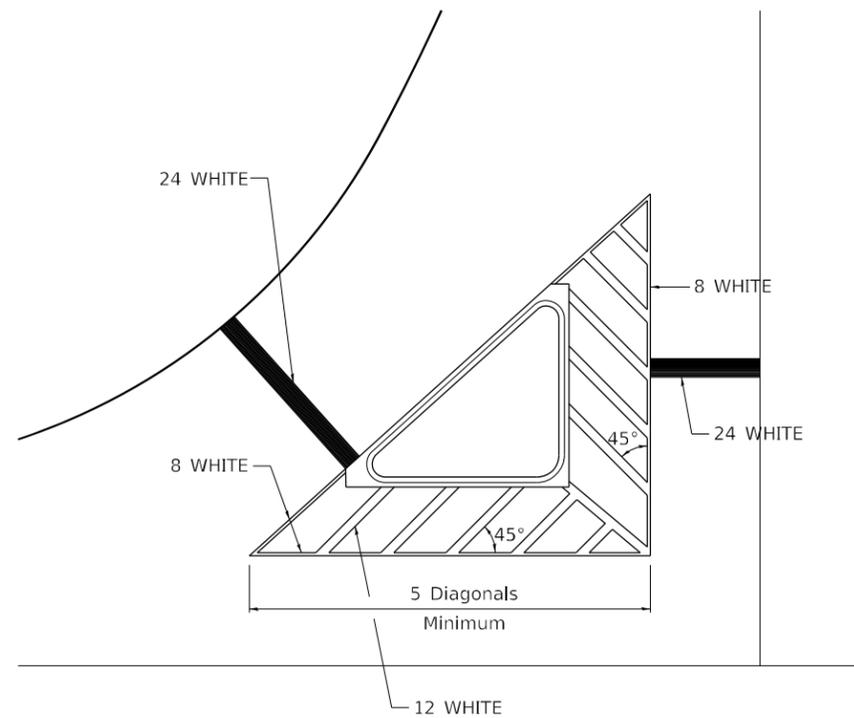


MEDIAN PAVEMENT MARKING



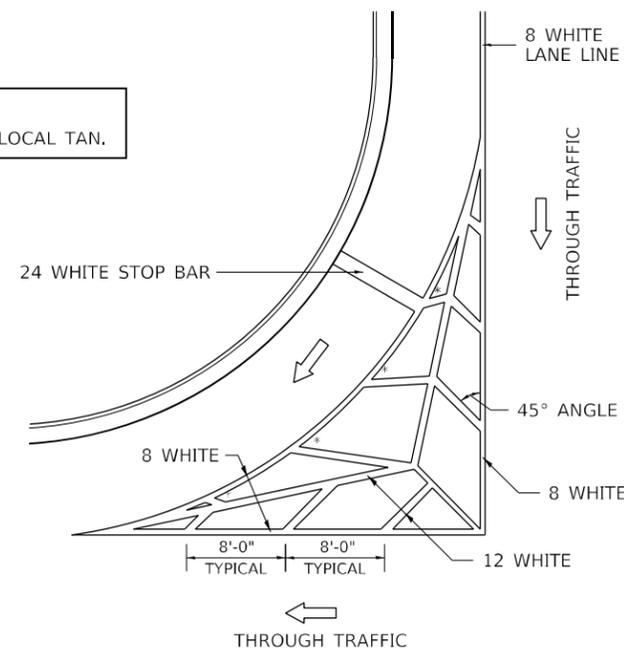
** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



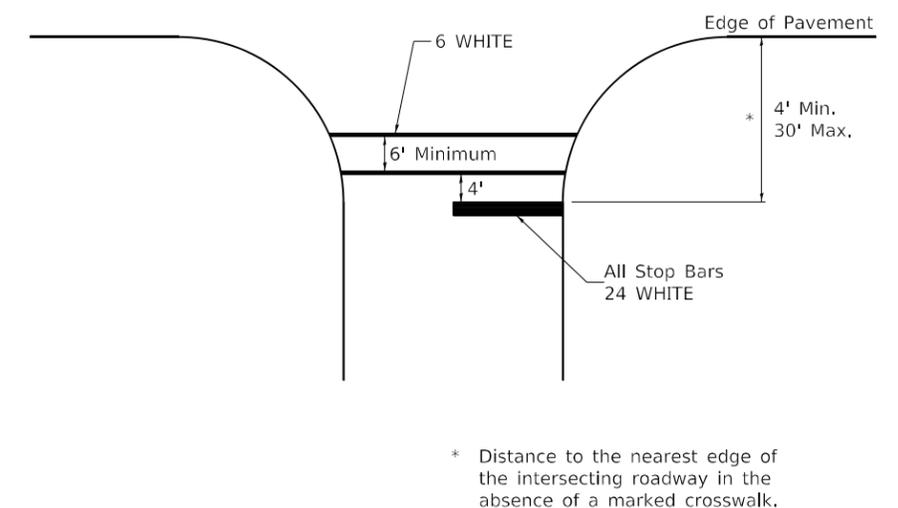
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations

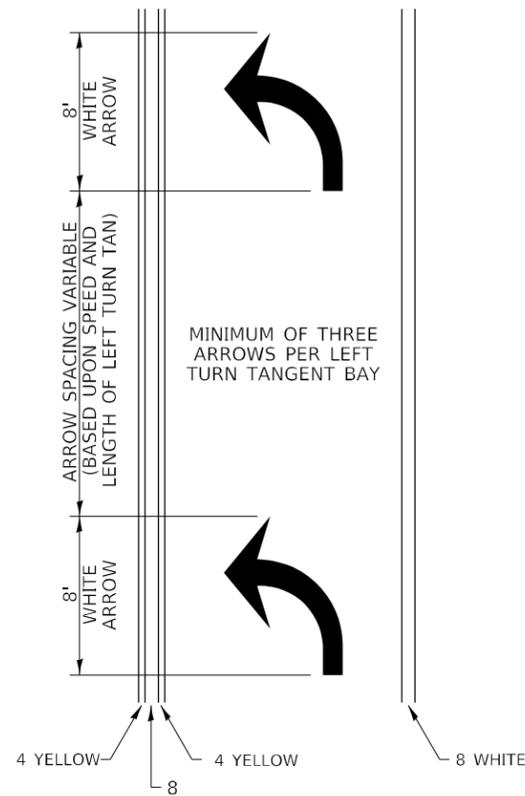


* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME: p:\dot-pw\Bentley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\64520\Program Development\Studies & Plans\Design\CADD\CADSheets\REVISED-District 2\06425.dgn	USER NAME = Brad.Cushman	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE. 412	SECTION (124)RS	COUNTY WINNEBAGO	TOTAL SHEETS 27	SHEET NO. 25
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	PLOT DATE = Dec-13-2022 12:18:20 PM	DATE -	REVISED -		TYPICAL PAVEMENT MARKINGS SHEET 1 OF 3 41.1							

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT

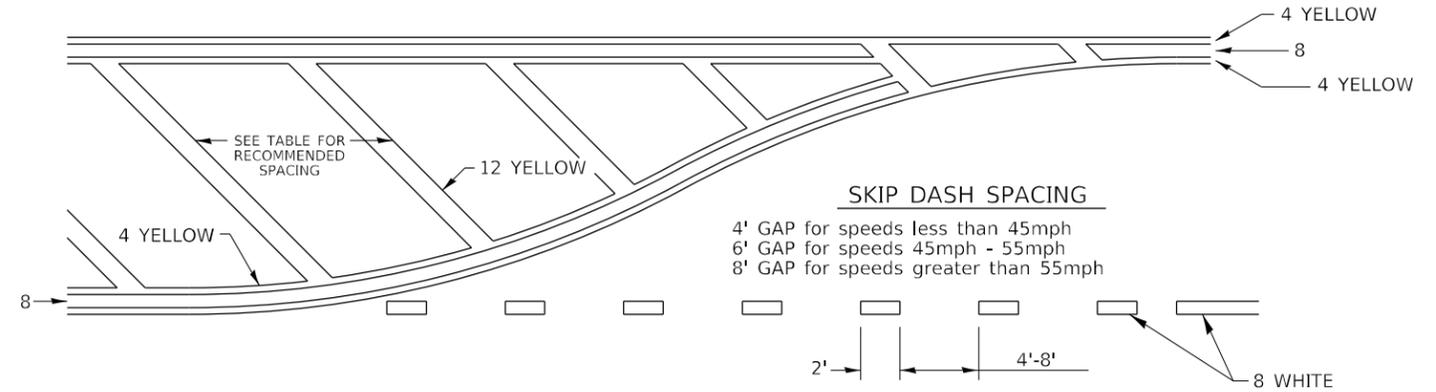


- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

6 at 40' O.C. APPROACH SIDE ONLY

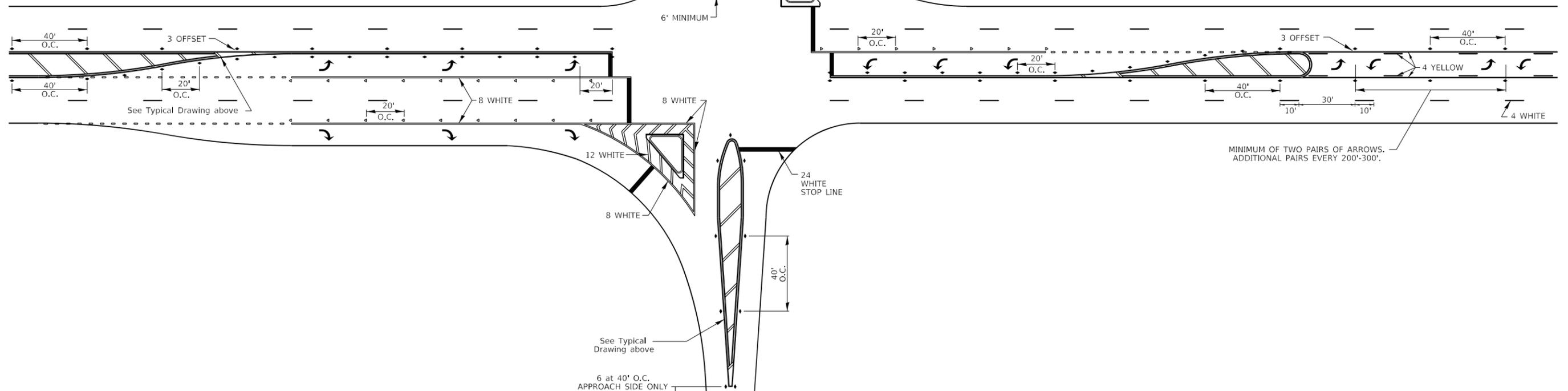
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

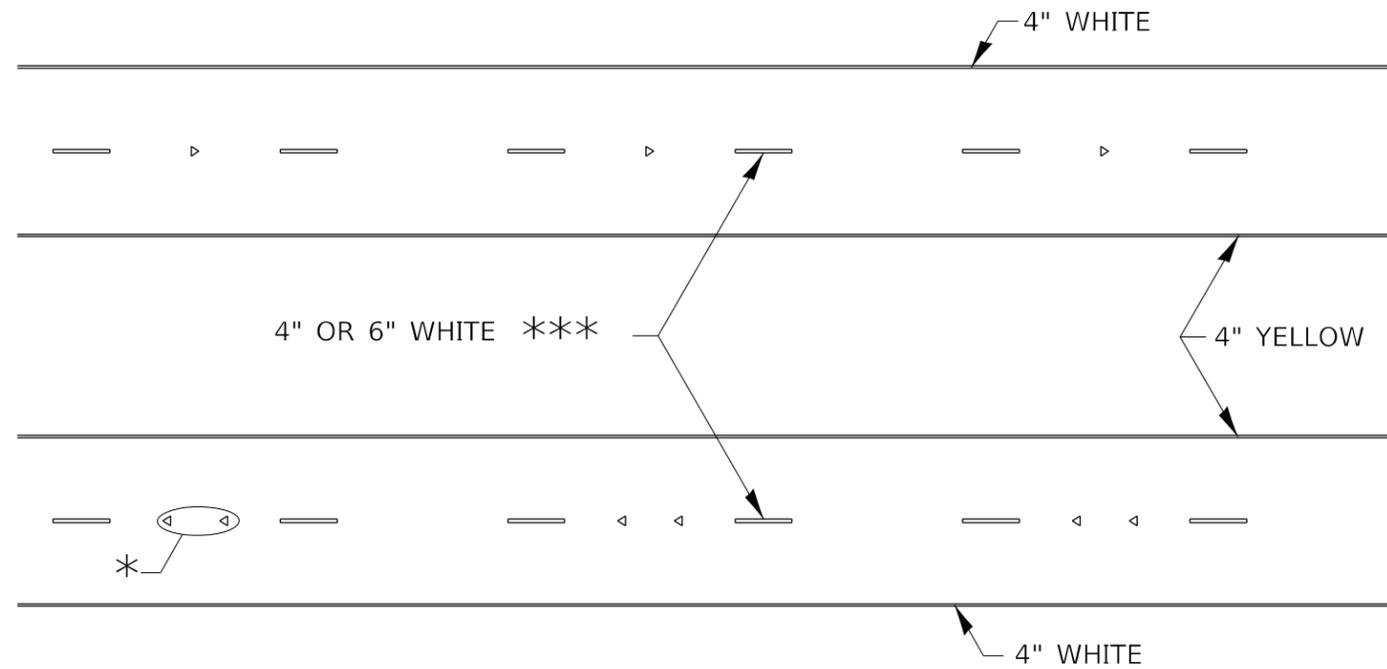
NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



MINIMUM OF TWO PAIRS OF ARROWS. ADDITIONAL PAIRS EVERY 200'-300'.

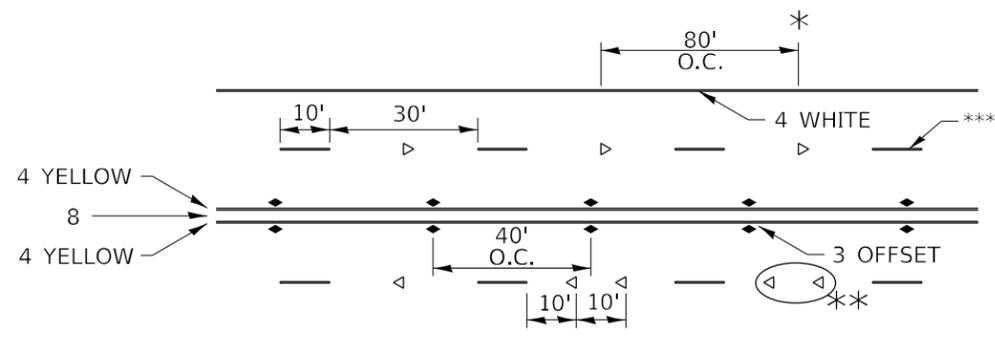
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	PLOT DATE = Dec-13-2022 12:18:35 PM	DATE -	REVISED -		CONTRACT NO. 64520							

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT ≥ 20,000.

MULTI-LANE / DIVIDED



* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

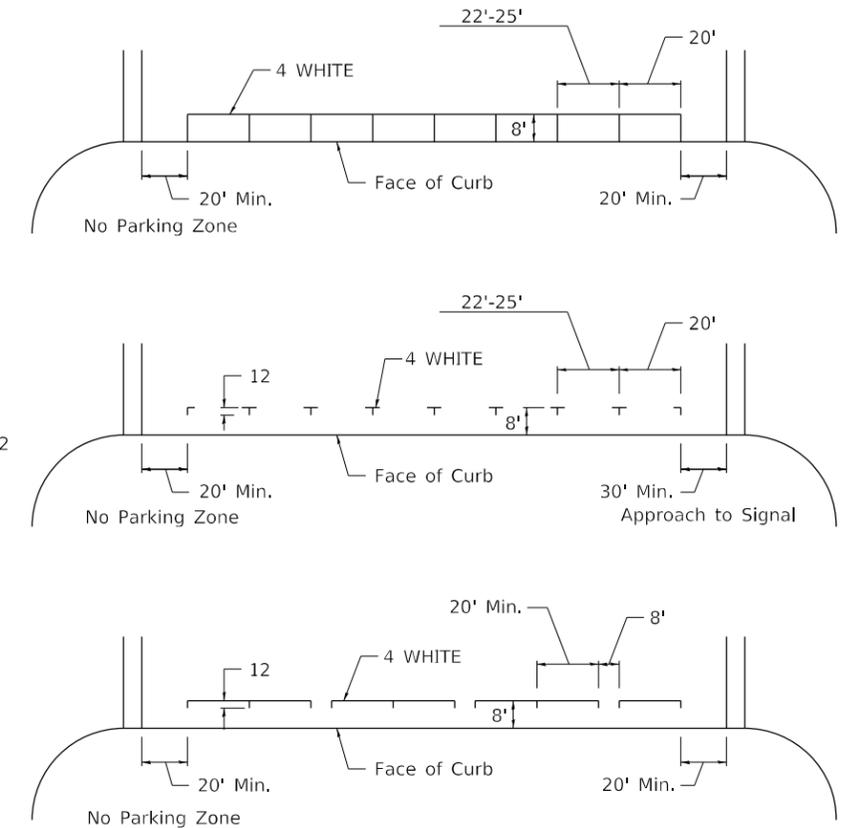
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

*** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

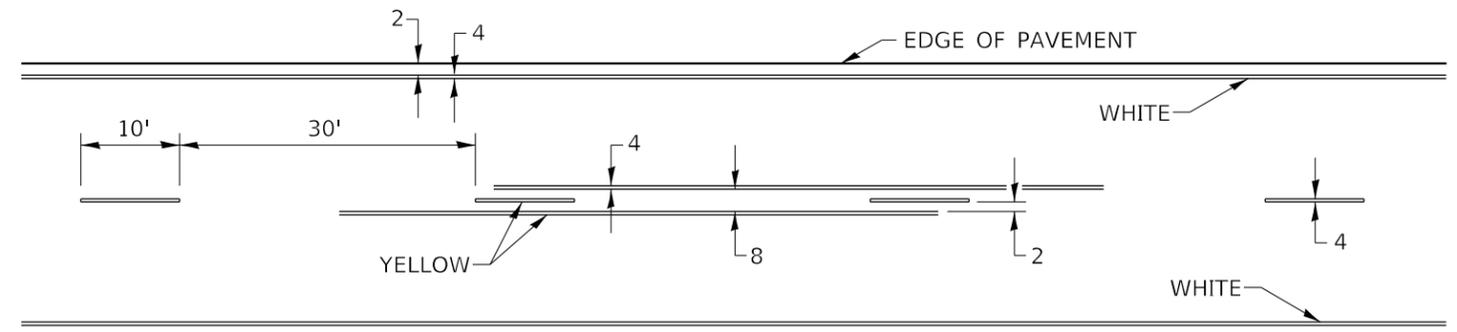
MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



SYMBOLS

USER NAME = Brad.Cushman	DESIGNED -	REVISED - 6-27-14
FILE NAME: p:\dot\pw\dot\pwbentley.com\PWIDOT\Documents\UDOT Offices\District 2\Projects\64520\Program Development\Studies & Plans\Design\CADD\CAD\Sheet\8-27-14.dgn	DRAWN -	REVISED - 8-27-14
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 11-28-12
PLOT DATE = Dec-13-2022 12:18:52 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
412	(124)RS	WINNEBAGO	27	27
CONTRACT NO. 64520				
ILLINOIS FED. AID PROJECT				