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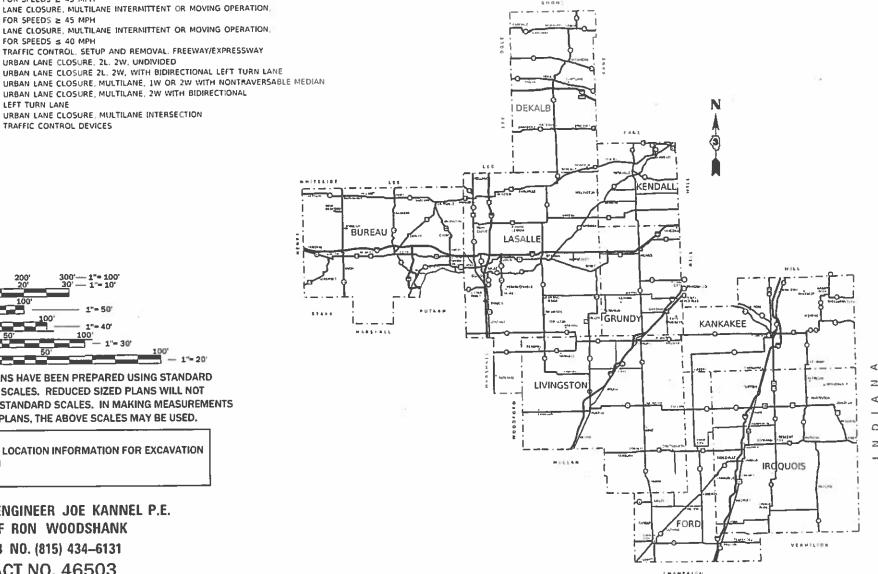
01-18-2019 LETTING ITEM 104 INDEX OF SHEETS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

VARIOUS ROUTE SECTION D-3 HT PVMNT MRK RPR 19-08 HIGH TYPE PAVEMENT MARKING **VARIOUS COUNTIES**

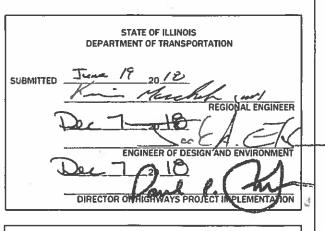
M-60-004-19



ROUTE COUNTY TOTAL SHEE VARIOUS D-3 HT PVMNT MRK RPR 19-08 VARIOUS 14 1







PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV. 11/20/18

STANDARDS

701601-09 701602-10

701701-10

701901-08

COVER SHEET

SUMMARY OF QUANTITIES

EXAMPLE WORK SHEETS PAVEMENT MARKING DETAILS

OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM 701006-05 PAVEMENT EDGE OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM 701101-05 PAVEMENT EDGE 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS 245 MPH 701201-05 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS 701301-04 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY 701311-03 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY 701400-09 LANE CLOSURE, FREEWAY/EXPRESSWAY 701401-12 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY 701406-12 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP 701411-09 FOR SPEEDS ≥ 45 MPH 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION FOR SPEEDS ≥ 45 MPH LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION. 701427-05 FOR SPEEDS & 40 MPH TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY 701428-01 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED 701501-06 URBAN LANE CLOSURE 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE 701502-09

URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL

URBAN LANE CLOSURE, MULTILANE INTERSECTION

TRAFFIC CONTROL DEVICES

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.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

PROJECT ENGINEER JOE KANNEL P.E. **UNIT CHIEF RON WOODSHANK** DISTRICT 3 NO. (815) 434-6131 CONTRACT NO. 46503

				CONSTR. CODE
				PAVEMENT MARKING
				100% STATE
				ROADWAY
CODE			TOTAL	0021
NO.	ITEM	UNIT	1	0021
NO.	1 1 ⊑™	UNII	QUANT I TY	
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	4,000	4,000
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7,000	7,000
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,000	1,000
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	7,000	7,000
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,000	1,000
78000000	THERMOLEASTIC TAVEMENT MARKING - LINE 12	1001	1,000	1,000
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1,000	1,000
70002120	DREFORMED DIACTIC DAVEMENT MADVING TYPE D. LINE CH.	FOOT	F 000	5,000
78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	F001	5,000	5 , 000
78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	FOOT	1,000	1,000
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	50,000	50,000
78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	1,000	1,000
78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	4,000	4,000
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	950,000	950,000
70000210	TOUTONE AT THE TOUTON	1001	330,000	
78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	90,000	90,000
78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	25,000	25,000
1 2 3 3 2 1 3			,	

SCALE:

Default	PLOT DATE = 6/13/2018	DATE -	5/29/2018	REVISED	=
	PLOT SCALE = 100.0000'/in.	CHECKED -	EP	REVISED	-
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FILE NAME =	USER NAME = woodshankr	DESIGNED -	RW	REVISED	-

	SUMMARY OF QUANTITIES							ROUTE		SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
SUMMARY OF QUANTITIES						VARIOUS	D-3 HT PVM	INT MRK	RPR 19-08	VARIOUS	14	2		
												CONTRA	CT NO.	46503
	SHEET 1	OF :	3 5	HEFTS	STA		TO STA	II I NOR EED AID BROJECT						

CONSTR. CODE

				PAVEMENT MARKING
				100% STATE
				ROADWAY
CODE			TOTAL	0021
NO.	ITEM	UNIT	QUANT I TY	
78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	8,000	8,000
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	850,000	850,000
78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	80,000	80,000
78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	60,000	60,000
, 0003000		1 301	33,333	
78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	8,000	8,000
78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	3,000	3,000
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	500	500
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	500	500
X2700002	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8", SPECIAL	FOOT	10,000	10,000
X7800815	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	400,000	400,000
X7800835	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 6 INCH	FOOT	40,000	40,000
X7800845	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 8 INCH	FOOT	7,500	7,500
X7830068	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS AND SYMBOLS	SQ FT	4,000	4,000
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	100,000	100,000

SCALE:

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	SUMMARY OF QUANTITIES								ROUTE	;	SECTION	l	COUNTY	TOTAL SHEETS	SHE
								VARIOUS	D-3 HT PVM	INT MRK	RPR 19-08	VARIOUS	14	3	
													CONTRA	CT NO.	4650
	SHEET 2	OF	3	SHEETS	STA		TO STA				II I INOIS	EED AID DRO	LIECT		

CONSTR. CODE

				PAVEMENT MARKING 100% STATE
				ROADWAY
CODE			TOTAL	0021
NO.	ITEM	UNIT	QUANT I TY	
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	25,000	25,000
X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	4,000	4,000
X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	500	500
X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	1,000	1,000
Z0008758	AERIAL SPEED CHECK MARKING	FOOT	200	200

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Default	PLOT DATE = 6/13/2018	DATE	-	5/29/2018	REVISED	-

SCALE:

	SHMMADY OF CHANTITIES								UTE SECTION			TOTAL SHEETS	SHEET NO.
	SUMMARY OF QUANTITIES							VARIOUS	D-3 HT PVMNT MRK RPR 19-08		VARIOUS	14	4
											CONTRA	CT NO.	46503
	SHEET	3	OF	3	SHEETS	STA.	TO STA.		ILLINO	S FED. AID PR	DJECT		

CONSTR. CODE

WORK ORDER D3 H-T PVMT MRK RPR 19-08

Work Oder No	Date of Issue	:		Route	
Location Descri	ption				
Contract No:	Job No	:		-	
CODE				UNIT	ITEM
NUMBER	ITEM	UNIT	QUANT I TY	PRICE	COST
78000100	Thermoplastic Pavement Marking-Letters and Symbols	SQ FT	4,000.00		
78000200	Thermoplastic Pavement Marking-Line 4"	FOOT	7,000.00		
78000400	Thermoplastic Pavement Marking-Line 6"	FOOT	1,000.00		
78000500	Thermoplastic Pavement Marking-Line 8"	FOOT	7,000.00		
78000600	Thermoplastic Pavement Marking-Line 12"	FOOT	1,000.00		
78000650	Thermoplastic Pavement Marking-Line 24"	FOOT	1,000.00		
78003130	Preformed Plastic Pavement Marking, Type B-Line 6"	FOOT	5,000.00		
78003180	Preformed Plastic Pavement Marking, Type B-Line 24"	FOOT	1,000.00		
78005110	Epoxy Pavement Marking-Line 4"	FOOT	50,000.00		
78005130	Epoxy Pavement Marking-Line 6"	FOOT	1,000.00		
78005140	Epoxy Pavement Marking-Line 8"	FOOT	4,000.00		
78008210	Polyurea Pavement Marking Type I-Line 4"	FOOT	950,000.00		
78008230	Polyurea Pavement Marking Type I-Line 6"	FOOT	90,000.00		
78008240	Polyurea Pavement Marking Type I-Line 8"	FOOT	25,000.00		
78009000	Modified Urethane Pavement Marking-Letters and Symbols	SQ FT	8,000.00		
78009004	Modified Urethane Pavement Marking-Line 4"	FOOT	850,000.00		
78009006	Modified Urethane Pavement Marking-Line 6"	FOOT	80,000.00		
78009008	Modified Urethane Pavement Marking-Line 8"	FOOT	60,000.00		
78009012	Modified Urethane Pavement Marking-Line 12"	FOOT	8,000.00		
78009024	Modified Urethane Pavement Marking-Line 24"	FOOT	3,000.00		
X0327979	Pavement Marking Removal-Grinding	SQ FT	500.00		
X0327980	Pavement Marking Removal-Water Blasting	SQ FT	500.00		
X2700002	Preformed Plastic Pavement Marking, Type B-Line 8" Special	FOOT	10,000.00		
X7800815	Hot Spray Thermoplastic Pavement Marking Line 4 Inch	FOOT	400,000.00		
X7800835	Hot Spray Thermoplastic Pavement Marking Line 6 Inch	FOOT	40,000.00		
X7800845	Hot Spray Thermoplastic Pavement Marking Line 8 Inch	FOOT	7,500.00		
X7830068	Grooving for Recessed Pavement Marking, Letters Numbers and Symbols	SQ FT	4,000.00		
X7830070	Grooving for Recessed Pavement Marking, 5"	FOOT	100,000.00		
X7830074	Grooving for Recessed Pavement Marking, 7" Grooving for Recessed Pavement Marking, 9"	FOOT	25,000.00		
X7830076 X7830078	Grooving for Recessed Pavement Marking, 9 Grooving for Recessed Pavement Marking, 13"	FOOT	4,000.00		
X7830078	Grooving for Recessed Pavement Marking, 15 Grooving for Recessed Pavement Marking, 25"	FOOT	1,000.00		
Z0008758	Aerial Speed Check marking	FOOT	200.00		
20000730	Aerrar Speed Check marking	1001	200.00	Total Cost	
DISTRICT CONTACT	S	submitted By:			
_		-			Regional Enginee
Telephone No:					5 5
Cell Phone No:		Date:		-	
		Approved By:			(n = 1
				T	raffic Engineer of Operation
		Date:		-	

SCALE:

EXAMPLE WORK ORDER

TO STA.

SHEET 1 OF 2 SHEETS STA.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

FILE NAME =

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USER NAME = woodshankri

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DESIGNED - RW

DATE _ _ 5/29/2018

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 ROUTE
 SECTION
 COUNTY SHEETS NO.

 VARIOUS
 D-3 HT PVMNT MRK RPR 19-08
 VARIOUS
 14
 5

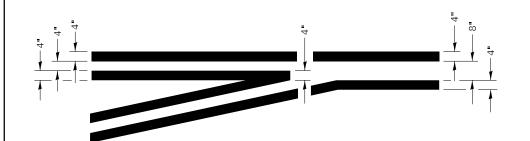
 CONTRACT NO. 46503

PAVEMENT MARKING SUMMARY

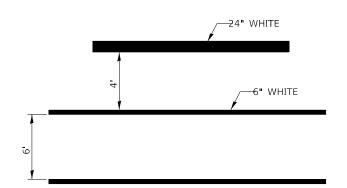
ΓΙΟΝ ROUTE			Work Order #								
(LOCAL DESCRIPTION)	Letters & Symbols	4"	4"	6"	8"	12"	12"	24"	Pavement Grooving L&S	Pavement Grooving	Aerial Spee Chk Mk
COUNTY	Sq Ft	Foot	Foot	Foot	Foot	Foot	Foot	Foot		Foot	Foot
	3411	(White)	(Yellow)	1000	1000	(White)	(Yellow)	1000	Sq Ft	1000	1 000

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Default	PLOT DATE = 6/7/2018	DATE - 5/29/2018	REVISED -		SCA

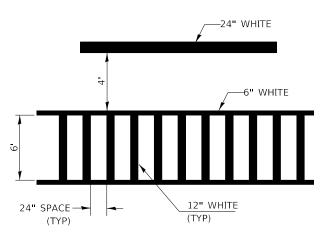
								ROUTE	,	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
EX	AMI	LE	W	ORK OR	DER :	SHEET		VARIOUS	D-3 HT PVM	INT MRK	RPR 19-08	VARIOUS	14	6
												CONTRA	CT NO.	46503
SHEET	2	OF	2	SHEETS	STA.		TO STA.			ILLINOIS	FED AID PRO	DJECT		



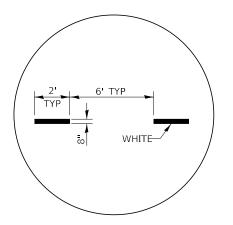
<u>LEFT TURN LANE</u> TYPICAL APPLICATION



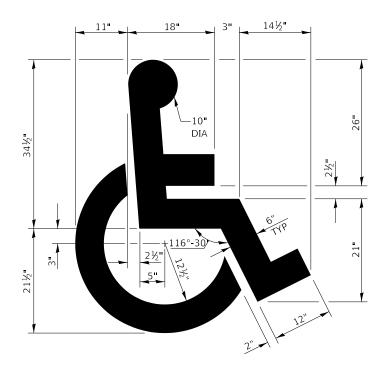
TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS



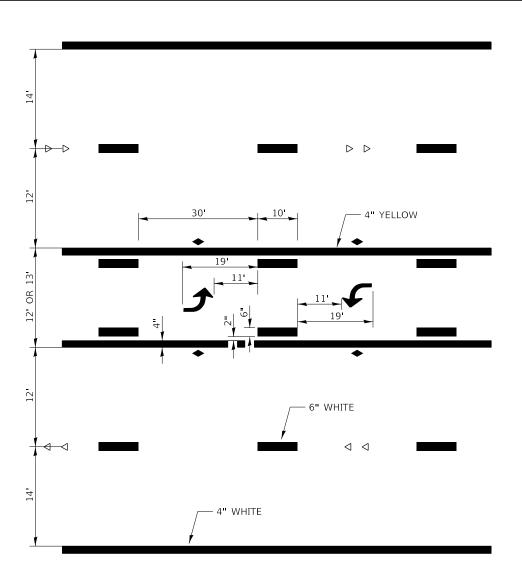
TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS



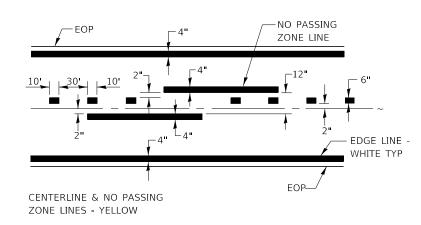
ADVANCE AND INTERSECTION LANE
DIVIDER, INTERSTATE RAMP
TRANSITION LINES LINES



TYPICAL DETAIL FOR PAINTING HANDICAP MARKINGS

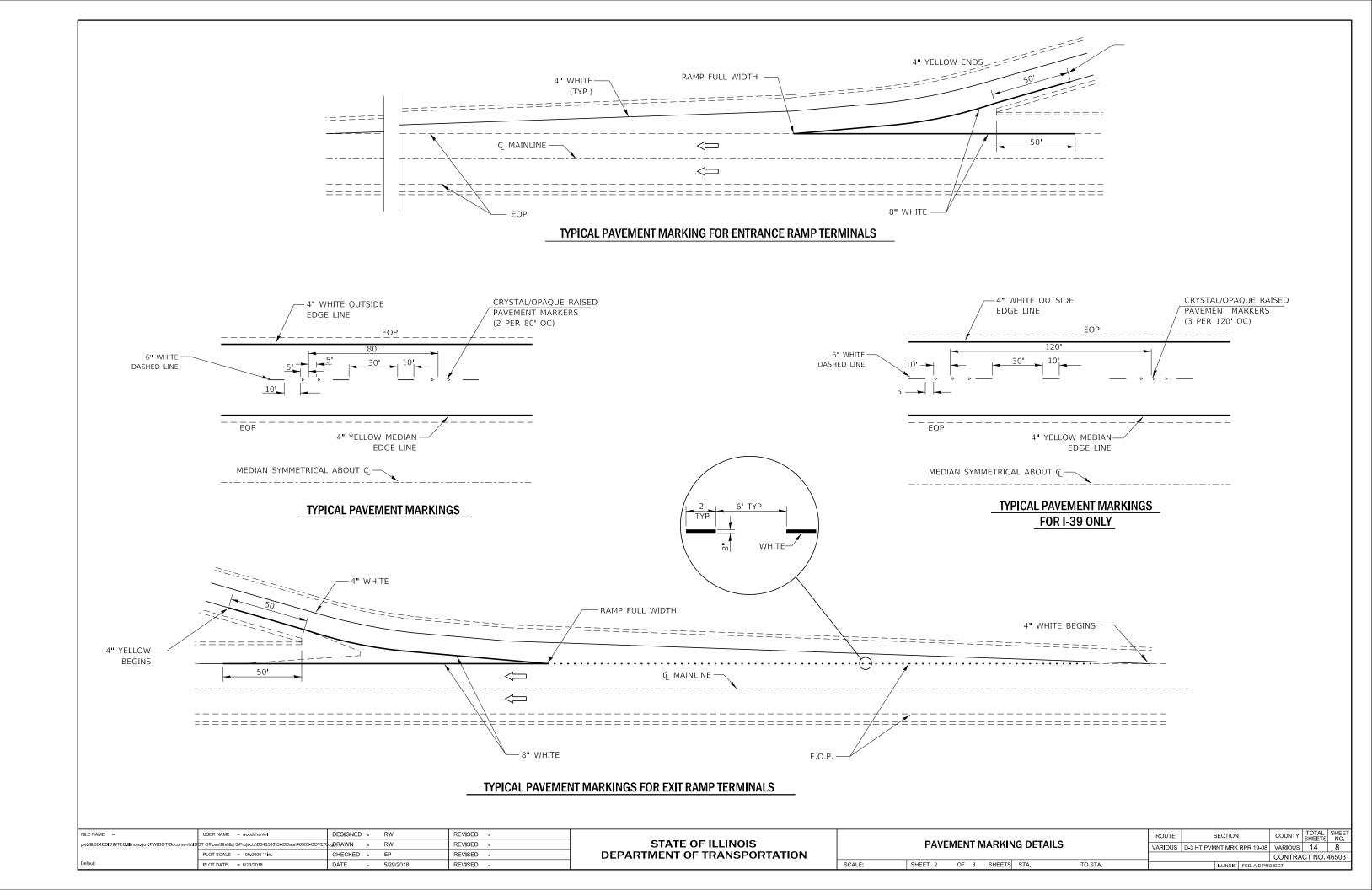


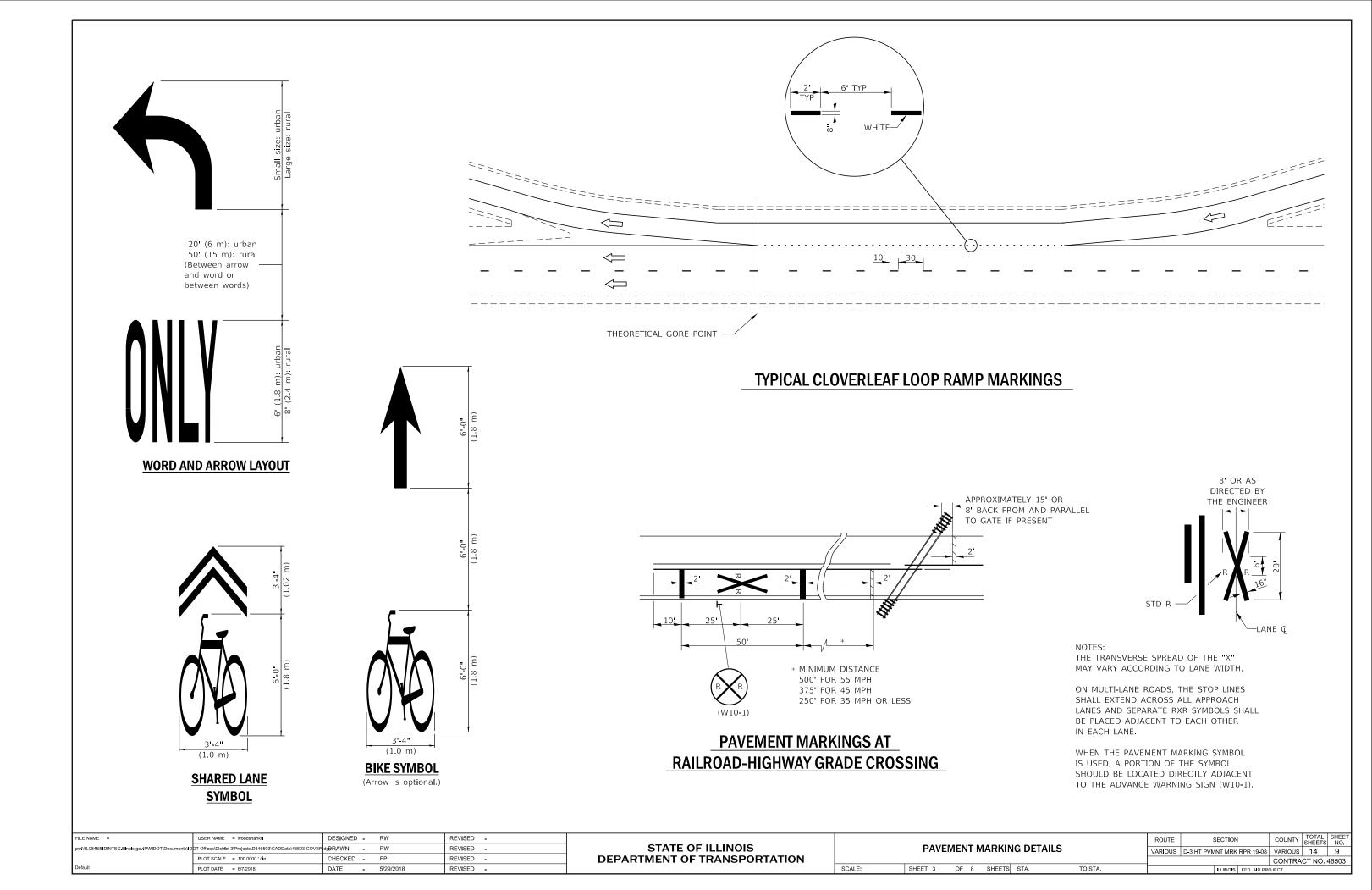
TYPICAL APPLICATION @ TWO WAY LEFT TURN LANE (TWLTL)

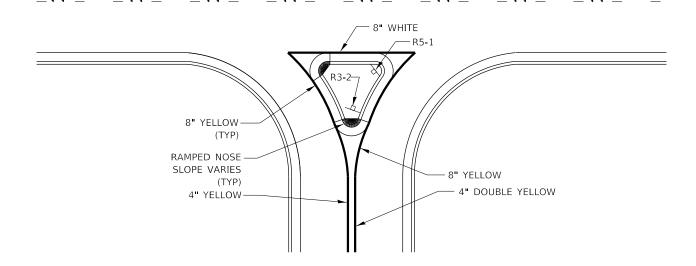


PAVEMENT MARKING

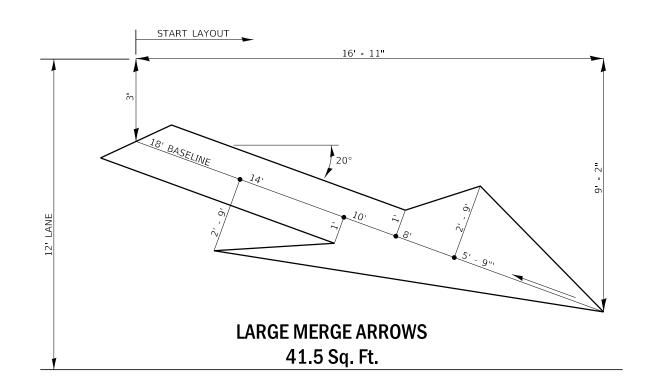
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	PLOT SCALE = 100.0000 '/in.	CHECKED -	EP	REVISED -	DEPARTMENT OF TRANSPORTATION			CONTRACT NO. 46503
Default	PLOT DATE = 6/7/2018	DATE -	5/29/2018	REVISED -		SCALE:	SHEET 1 OF 8 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT

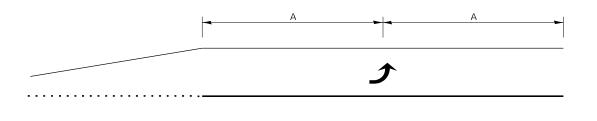




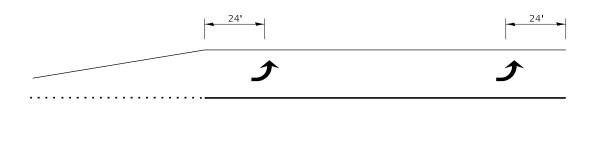


RIGHT IN RIGHT OUT ACCESS PAVEMENT MARKING

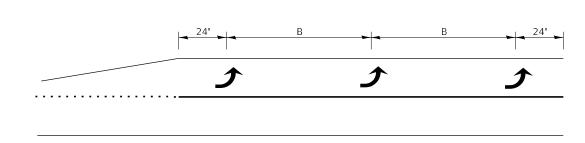




99' AND UNDER



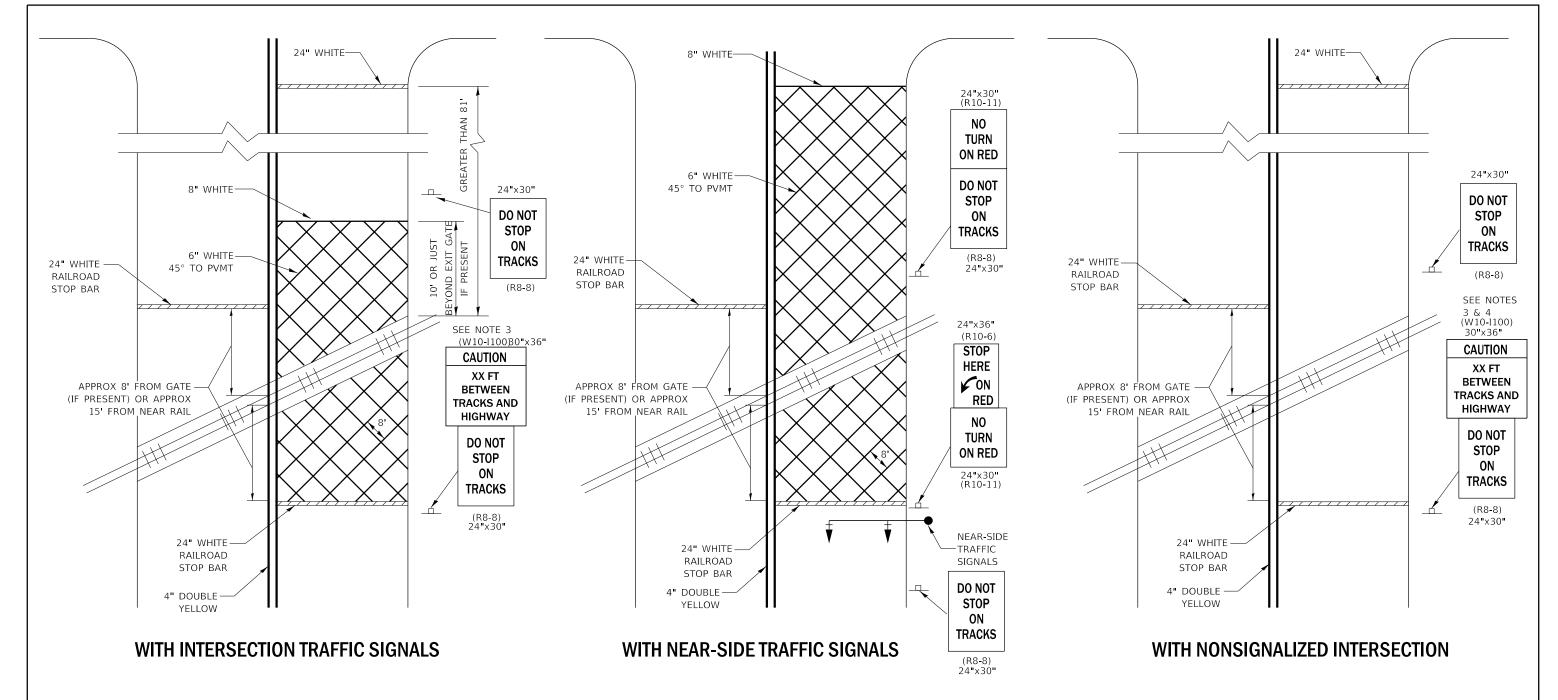
100' TO 149'



150' AND LONGER

TYPICAL PLACEMENT OF ARROWS IN TURN LANES

FILE NAME =	USER NAME = woodshankri	DESIGNED .	- RW	REVISED -					ROUTE	SECTION	COUNTY TOTAL	L SHEET
pw:\\IL084EBIDINTEG.IIInols.gov:PWIDOT\(Documents\IDDT Offices\District 3\Projects\D346503\CADData\46503-COV	Rood RAWN -	- RW	REVISED -	STATE OF ILLINOIS		PAVEMENT MARKING DETAILS		VARIOUS	D-3 HT PVMNT MRK RPR 19-08	VARIOUS 14	10
	PLOT SCALE = 100.0000'/in.	CHECKED -	- EP	REVISED -	DEPARTMENT OF TRANSPORTATION						CONTRACT NO). 46503
Default	PLOT DATE = 6/7/2018	DATE	5/29/2018	REVISED -		SCALE:	SHEET 4 OF 8 SHEETS STA.	TO STA.		ILLINOIS FED. AID PRO	OJECT	

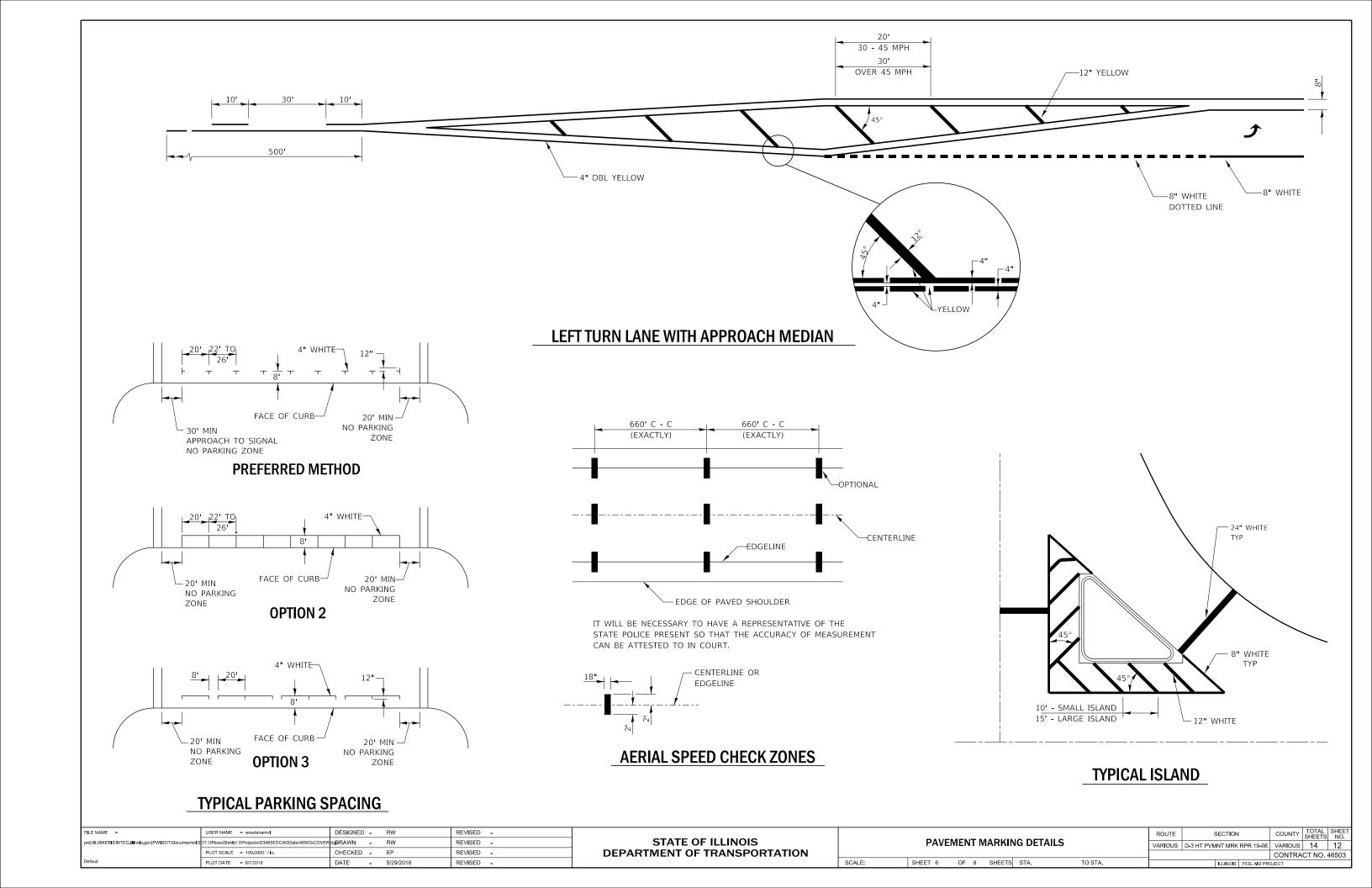


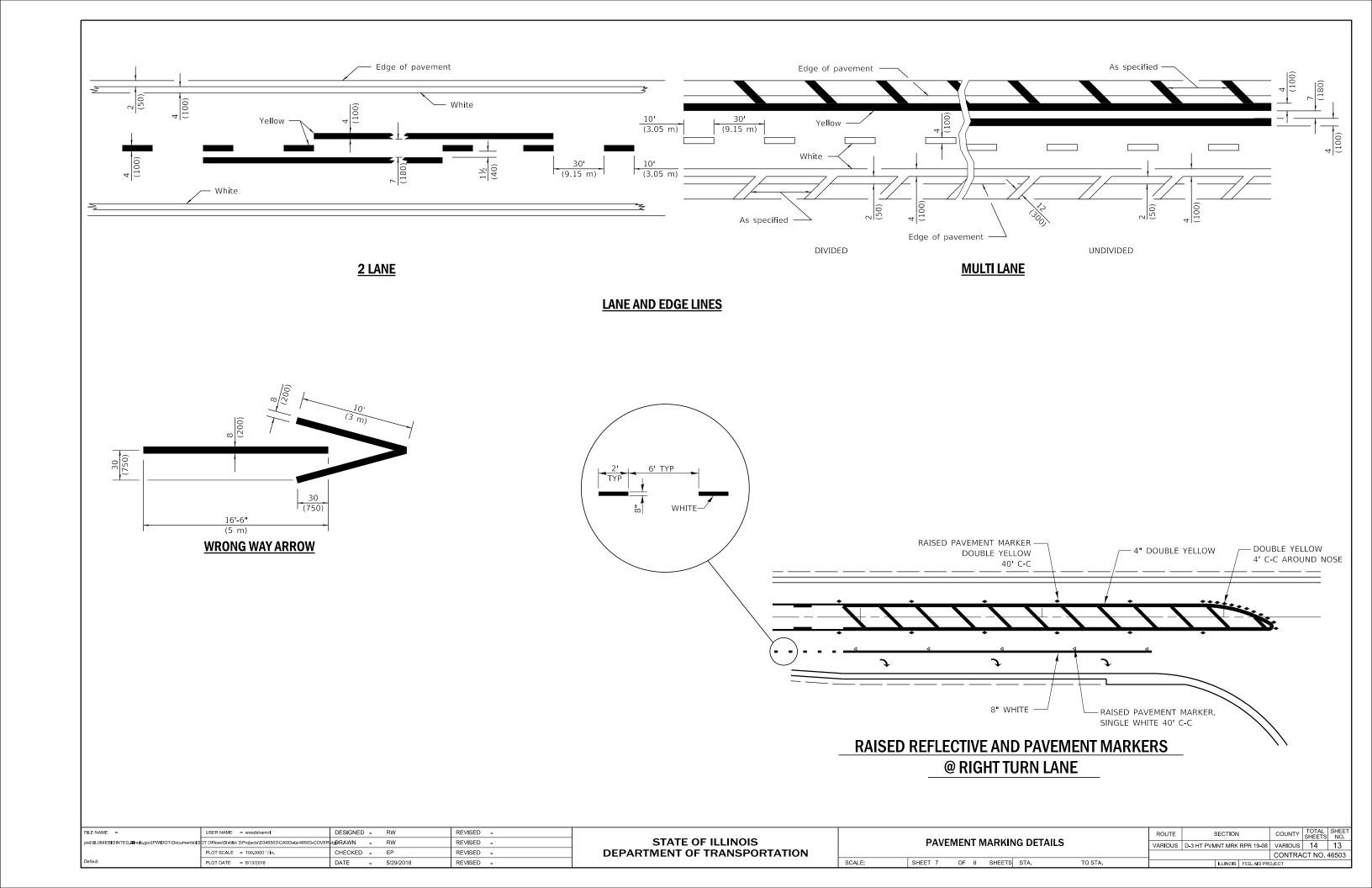
- NOTE: 1. PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
 - 2. WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION.
 - 3. DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
 - 4. THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION.

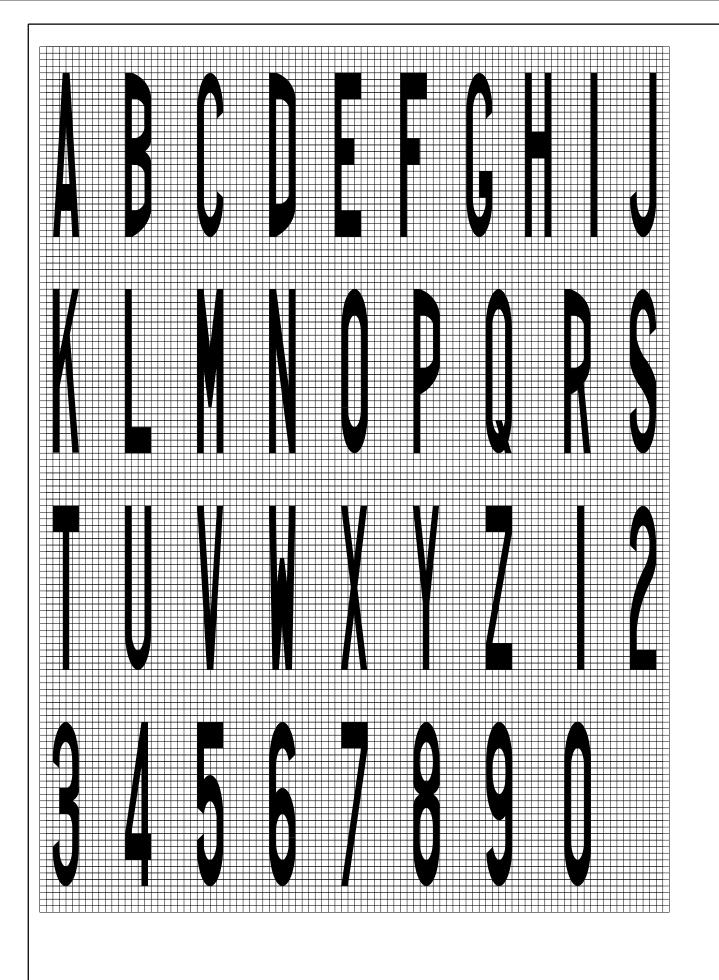
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	PLOT SCALE = 100.0000 '/in.	CHECKED -	EP	REVISED -	
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FILE NAME =	USER NAME = woodshankr	DESIGNED -	RW	REVISED -	

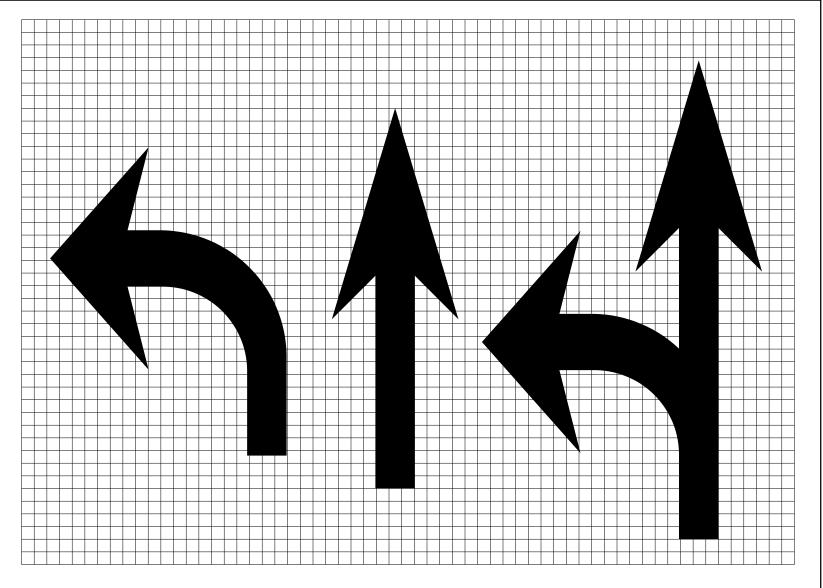
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	PAVEMENT MARKING DETAILS									COUNTY	TOTAL SHEETS	SHEET NO.
	PAVE	MEN	I I IV	IAKKIN	IG DETAILS		VARIOUS D-3 HT PVMNT MRK RPR 19-08			VARIOUS	14	11
										CONTRA	CT NO.	46503
SCALE:	SHEET 5	OF	8	SHEETS	STA.	TO STA.		ILLINO	S FED. AID PRO	DJECT		









	a	
		a

Legend Height	Arrow Size	а
6' (1.8 m)	Small	2.9 (74)
8' (2.4 m)	Large	3.8 (96)

The space between adjacent letters or numerals should be approximately 3 (75) for 6' (1.8 m) legend and 4 (100) for 8' (2.4 m) legend.

LETTER AND ARROW GRID SCALE

FILE NAME =	USER NAME = woodshankri	DESIGNED - RW	REVISED -				ROUTE SECTION COUNTY TOTAL SHEET
pw:\\IL084EBIDINTEG.IIInols.gov:PWIDOT\Documents\ID	084EBIDINTEG.IIInois.gov:PWIDOTiDocumentsIIDDT OfficesIDistrict 3/ProjectsID346503/CADData/46503-COVER ddDRAWN - RW		REVISED -	STATE OF ILLINOIS		PAVEMENT MARKING DETAILS	VARIOUS D-3 HT PVMNT MRK RPR 19-08 VARIOUS 14 14
	PLOT SCALE = 100.0000 '/in.	CHECKED - EP	REVISED -	DEPARTMENT OF TRANSPORTATION			CONTRACT NO. 46503
Default	PLOT DATE = 6/7/2018	DATE - 5/29/2018	REVISED -		SCALE:	SHEET 8 OF 8 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT