

161

06-14-2019 LETTING ITEM 161

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I.A. SHEET	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR		VERMILION	11	1
CONTRACT NO. 46515				

* D 5 HT PVMNT MRK RPR 20-06

M-60-002-20

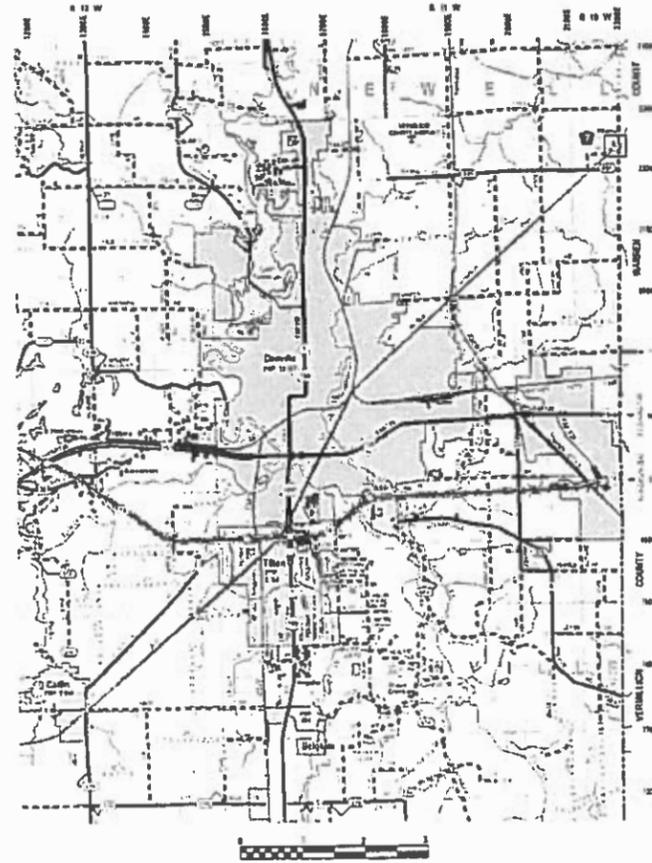
D-5

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3

PROPOSED HIGHWAY PLANS

ROUTE VARIOUS
SECTION D 5 HT PVMNT MRK RPR 20-06
PROJECT
PAVEMENT MARKING
VERMILION COUNTY

M-60-002-20



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

TOWNSHIPS
BLOUNT, NEWEL, DANVILLE, CATLIN

PROJECT ENGINEER JASON STULTS
SQD. LEADER MICHAEL LEROY
PH. NUM. 217-465-4181
CONTRACT NO. 46515

GROSS LENGTH = 203,655 FT. = 38.57 MILE
NET LENGTH = 203,655 FT. = 38.57 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 19 2019
Paul A. Jones REGIONAL ENGINEER

May 10 2019 EA. ETK
ENGINEER OF DESIGN AND ENVIRONMENT

May 10 2019 Paul A. Jones
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS / HIGHWAY STANDARDS
2	GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5-7	SCHEDULE OF QUANTITIES
8-11	DETAIL - PAVEMENT MARKINGS AND MARKERS (RURAL & URBAN APPLICATIONS)

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
701501-06	LANE CLOSURE, URBAN, 2L, 2W, UNDIVIDED
701502-09	LANE CLOSURE, URBAN, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	LANE CLOSURE, URBAN, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	LANE CLOSURE, URBAN, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

G.N.-100A
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-107.12
THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

Ms. Amanda DeCesare
CSX Project Manager
CSX Transportation
500 Meijer Drive
Suite 305
Florence, KY 41042
(859) 372-6124

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD CONTACT PERSON FOR FLAGGERS IS:

Mr. Ben Ewing
Roadmaster
CSX Transportation
564 CSX Lane
Danville, IL 61834
(217) 722-7993

NO COMMITMENTS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS/HIGHWAY STANDARDS
GENERAL NOTES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*	VERMILION	11	2
*D5 HT PVMNT MRK RPR 20-06			CONTRACT NO. 46515	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

LOCATION:

VARIOUS ROUTES
VERMILION COUNTY

CONSTRUCTION CODE	0021	100% STATE		
PAY ITEM CODE	PAY ITEM	UNIT	TOTAL	QTY
67100100	MOBILIZATION	LSUM	1.0	1.0
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	10,961.0	10,961.0
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	369,310.0	369,310.0
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,570.0	1,570.0
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2,200.0	2,200.0
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3,070.0	3,070.0
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	4,330.0	4,330.0
78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	1,353.0	1,353.0
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	38,000.0	38,000.0
78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	250.0	250.0
78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	1,000.0	1,000.0
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	1,315.0	1,315.0
78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	1,085.0	1,085.0
X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	12,314.0	12,314.0

MODEL: \$MODELNAME\$
FILE: \$NAME\$.plw
C:\Users\jgarcia\Documents\DOT_Offices\District 5\Projects\0546515\CADD\Drawings\Design\0546515-sh-500.dgn

* D 5 H-T PVMNT MRK RPR 18-53

USER NAME = jeroyma	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			VAR.	D5 H-T PVMNT MRK RPR 20-06	VERMILION	11	3	
PLOT DATE = 3/19/2019	DATE -	REVISED -			CONTRACT NO. 46515					
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

POLYUREA PAVEMENT MARKINGS

PAY ITEM	78008210		78008230	78008240	78008250		78008270	78008200																											
	4"	4"	6"	8"	12"	12"	24"	15.6 SQFT	26.0 SQFT	11.5 SQFT	61.2 SQFT																								
DESCRIPTION	POLYUREA	POLYUREA	POLYUREA	POLYUREA	POLYUREA	POLYUREA	POLYUREA	POLYUREA	POLYUREA	POLYUREA	POLYUREA																								
	PM	PM	PM	PM	PM	PM	PM	PM T1	PM T1	PM T1	PM T1																								
	T1	T1	T1	T1	T1	T1	T1	TURN	COMBINATION	THROUGH	RAILROAD																								
	LINE	LINE	LINE	LINE	DIAGONALS	DIAGONALS	STOP BARS	ARROWS	ARROWS	ARROWS	SYMBOLS																								
UNIT OF MEASUREMENT	WHITE	YELLOW	WHITE	WHITE	WHITE	YELLOW	WHITE	WHITE	WHITE	WHITE	WHITE																								
	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQFT)																								
US-136/IL RTE 1 (FAP 332) NORTH - DANVILLE																																			
NORTH OF W. NEWELL RD. TO 0.2 MILES NORTH OF SHADY LN. ON NORTH VERMILION ST.																																			
0.2 MILES NORTH OF SHADY LN. TO NORTH OF WINTER AVE. ON NORTH VERMILION ST.																																			
NORTH OF WINTER AVE. TO NORTH OF VOORHEES ST. ON NORTH VERMILION ST.																																			
NORTH OF VOORHEES ST. TO SOUTH OF TOWNSEND ST. ON NORTH VERMILION ST.																																			
SOUTH OF TOWNSEND ST. ON VERMILION ST., ACROSS FAIRCHILD ST., TO NORTH OF WOODBURY ST. ON GILBERT ST.																																			
NORTH OF WOODBURY ST. TO NORTH OF MADISON ST. ON GILBERT ST.																																			
NORTH OF MADISON ST. TO NORTH OF NORTH ST. ON GILBERT ST.																																			
NORTH OF NORTH ST. TO MEMORIAL BRIDGE ON GILBERT ST.																																			
US-150/IL RTE 1 (FAP 332) SOUTH - DANVILLE																																			
ACROSS MEMORIAL BRIDGE ON SOUTH GILBERT ST.																																			
MEMORIAL BRIDGE TO THIRD ST. ON SOUTH GILBERT ST.																																			
THIRD ST. TO FIFTH ST. ON SOUTH GILBERT ST.																																			
FIFTH ST. TO I-74 - CONCRETE SECTION ON SOUTH GILBERT ST.																																			
I-74 TO NORTH OF SOUTHGATE DR. ON GEORGETOWN RD. (Skip new section)																																			
NORTH OF SOUTHGATE DR. TO NORTH OF ROSS LN. ON GEORGETOWN ROAD																																			
NORTH OF ROSS LN. TO NORTH OF HEGELER LN. ON GEORGETOWN ROAD																																			
NORTH OF HEGELER LN. TO NORTH OF LYONS ST. ON GEORGETOWN ROAD																																			
NORTH OF LYONS ST. TO SOUTH OF CLINGAN LN. ON STATE ST. THRU BELGIUM & WESTVILLE																																			
NORTH CITY LIMITS TO SOUTH CITY LIMITS ON MAIN ST. THRU GEORGETOWN																																			
US-150 (FAP 729) WEST - MLK DR. - DANVILLE																																			
BATESTOWN RD. TO WEST OF I-74 ON MARTIN LUTHER KING DR.																																			
WEST OF I-74 TO EAST OF HENNING RD. ON MARTIN LUTHER KING DR.																																			
EAST OF HENNING RD. TO EAST OF ELSWORTH BRIDGE ON MARTIN LUTHER KING DR.																																			
EAST OF ELSWORTH BRIDGE TO EAST OF LOGAN AVE. ON MARTIN LUTHER KING DR.																																			
US-136 (FAP 729) EAST MAIN ST. - DANVILLE																																			
EAST OF PINE ST. TO STONEY CREEK BRIDGE ON EAST MAIN ST.																																			
STONEY CREEK BRIDGE TO NATIONAL AVE. ON EAST MAIN ST.																																			
BOWMAN AVE. OVER I-74																																			
PERRYSVILLE RD. TO SOUTH OF BART ST. ON BOWMAN AVE.																																			
TOTALS																																			
<table style="width: 100%; border: none;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">13,410.0</td> <td style="width: 10%; text-align: center;">24,590.0</td> <td style="width: 10%; text-align: center;">250.0</td> <td style="width: 10%; text-align: center;">1,000.0</td> <td style="width: 10%; text-align: center;">550.0</td> <td style="width: 10%; text-align: center;">765.0</td> <td style="width: 10%; text-align: center;">1,085.0</td> <td style="width: 10%; text-align: center;">1,107.6</td> <td style="width: 10%; text-align: center;">0.0</td> <td style="width: 10%; text-align: center;">0.0</td> <td style="width: 10%; text-align: center;">244.8</td> </tr> <tr> <td></td> <td colspan="2" style="text-align: center;">38,000.0</td> <td style="text-align: center;">250.0</td> <td style="text-align: center;">1,000.0</td> <td colspan="2" style="text-align: center;">1,315.0</td> <td style="text-align: center;">1,085.0</td> <td colspan="3" style="text-align: center;">1353.0</td> <td></td> </tr> </table>													13,410.0	24,590.0	250.0	1,000.0	550.0	765.0	1,085.0	1,107.6	0.0	0.0	244.8		38,000.0		250.0	1,000.0	1,315.0		1,085.0	1353.0			
	13,410.0	24,590.0	250.0	1,000.0	550.0	765.0	1,085.0	1,107.6	0.0	0.0	244.8																								
	38,000.0		250.0	1,000.0	1,315.0		1,085.0	1353.0																											

MODEL: 4\MODEL\MARKS
 FILE: MARKS_Polyurea\BOWMAN_ave.dwg
 PROJECT: 0546515\CD\DATA\Design\0546515-shr-chedu.lk.dgn

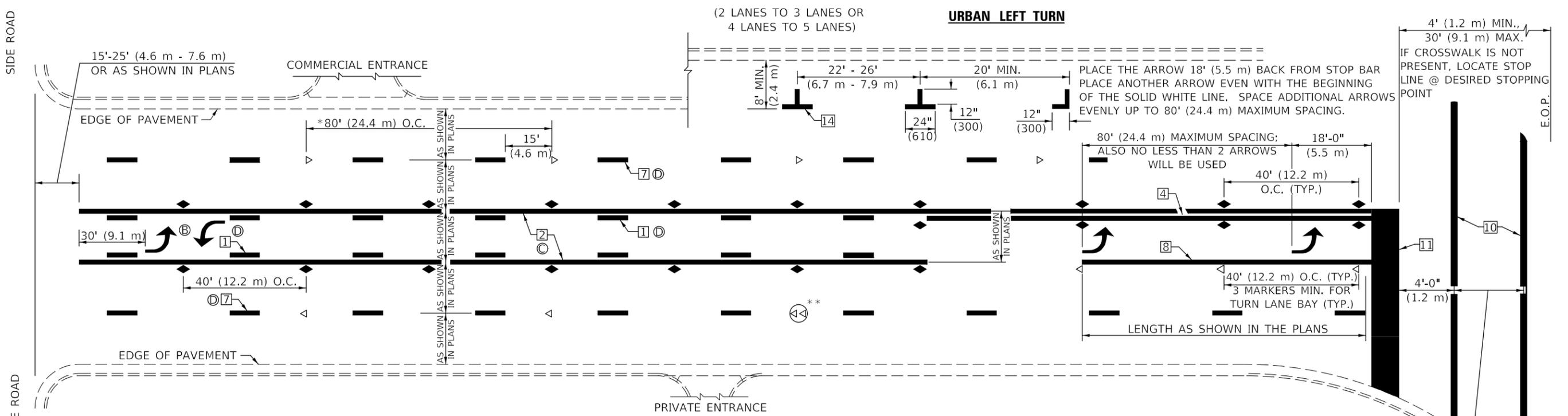
USER NAME = leroyma	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/19/2019	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VERMILION	11	6
*D 5 HT PVMNT MRK RPR 20-06		CONTRACT NO. 46515		
ILLINOIS FED. AID PROJECT				

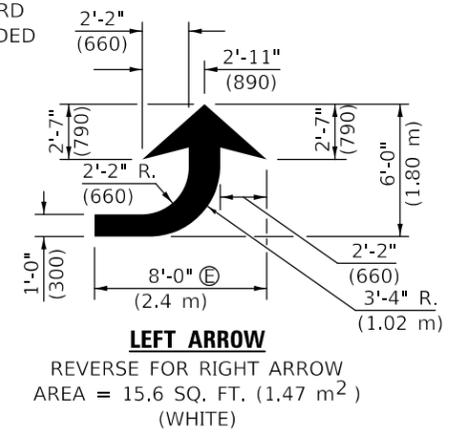


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

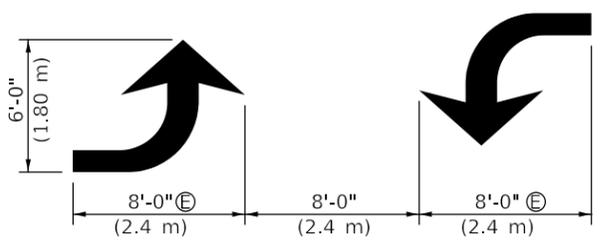
GENERAL NOTES:

- (B) TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- (C) THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- (D) THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- (E) USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



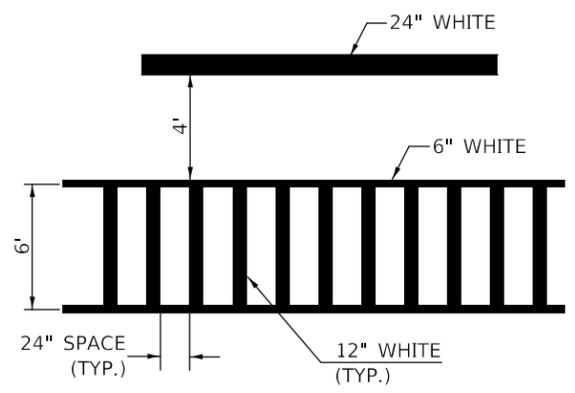
LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)

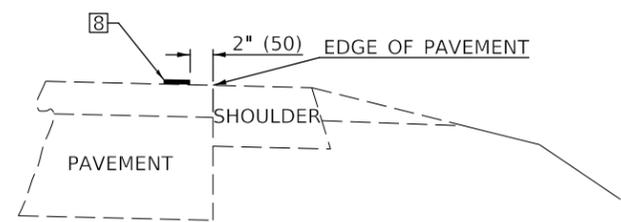


TYPICAL DOUBLE TURN ARROWS (WHITE)

BLOOMINGTON-NORMAL CITY LIMITS ONLY

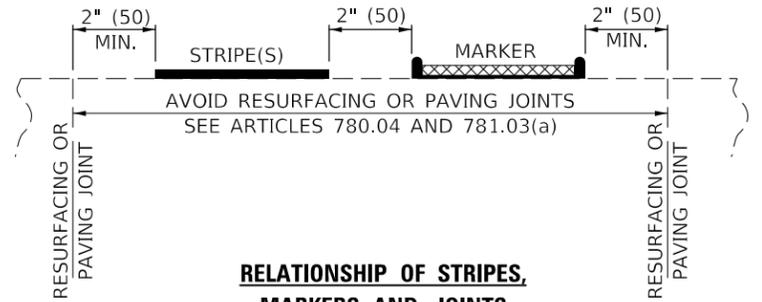


TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT

(SAFETY SHOULDER OR PAVED SURFACE)
SEE ARTICLE 780.04



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

MODEL: \\MODEL\MARKETS... FILE: \\MARKETS... PROJECT: \\PROJECTS\... DESIGN: \\DESIGN\... DRAWN: \\DRAWN\... CHECKED: \\CHECKED\... DATE: \\DATE\...

USER NAME = leroyma	DESIGNED -	REVISOR -	11/06
	DRAWN -	REVISOR -	9/2009 KJT
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISOR -	04/14 JLA
PLOT DATE = 3/19/2019	DATE -	REVISOR -	3/2019 SWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	•	VERMILION	11	9
•D5 H-T PVTMNT MRK RPR 20-06			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

