

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

**PROPOSED  
 HIGHWAY PLANS**

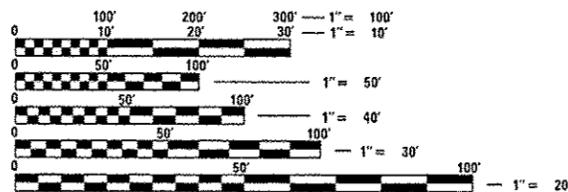
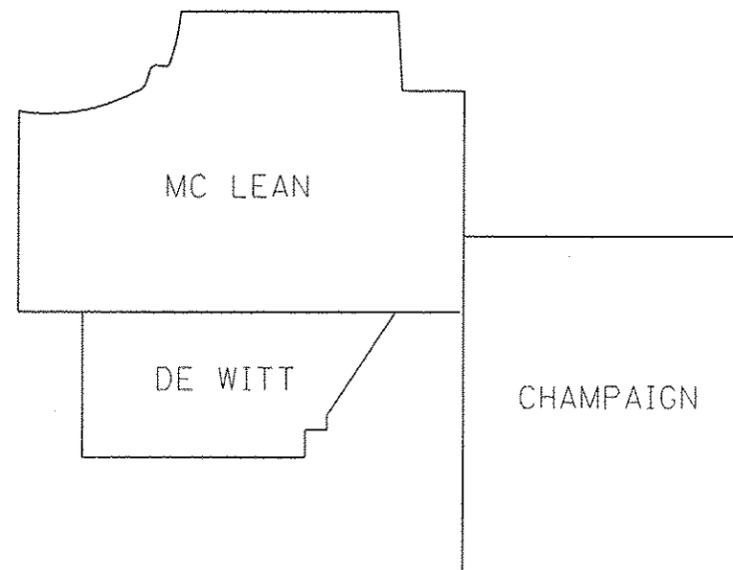
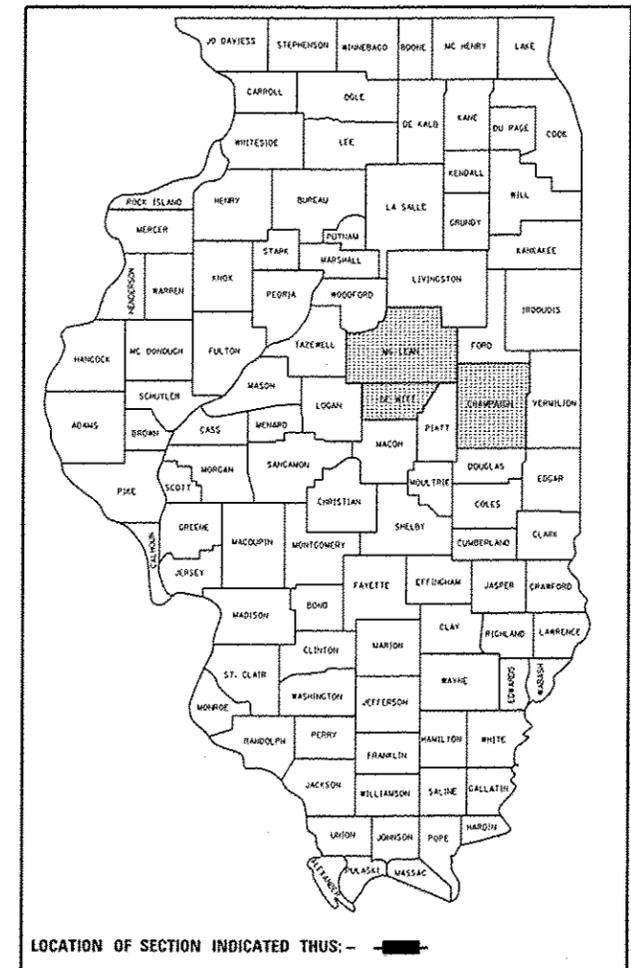
VARIOUS ROUTES  
 SECTION D5 SW HSIP 2015-2  
 PROJECT ACHSIP - 000V (020)  
 WEST FIELD AREA MILLED RUMBLE STRIP  
 MCLEAN, DEWITT AND CHAMPAIGN COUNTIES

C-95-035-15

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D5 SW HSIP 2015-2	ILLINOIS	12	1
ILLINOIS CONTRACT NO. 70B35				

\*MCLEAN, DEWITT AND CHAMPAIGN

D-95-035-15



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

PROJECT ENGINEER JASON STULTS  
 PHONE NUMBER (217) 465-4181

CONTRACT NO. 70B35

SEE SHEET NO. 3 TO 5 FOR LOCATION MAPS

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED MARCH 19 20 15  
Kenneth A. Gammitt  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

MAY 8 20 15  
John D. Baranzelli P.E.  
 ENGINEER OF DESIGN AND ENVIRONMENT

MAY 8 20 15  
Omer Osman P.E.  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
 OF THE STATE OF ILLINOIS

## INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS
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2	GENERAL NOTES
3-5	LOCATION MAPS
6	SUMMARY OF QUANTITIES
7-8	SCHEDULE OF QUANTITIES
9-12	DETAIL OF PAVEMENT MARKING AND MARKERS

## HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
642006	SHOULDER RUMBLE STRIPS, 8 IN
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS, DAY ONLY
701901-04	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

## GENERAL NOTES

G. N. -100  
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

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

G. N. -107 (SPECIAL)  
PROPOSED IMPROVEMENTS SHALL BE OMITTED AT ALL RAILROAD CROSSING LOCATIONS. THE OMISSION SHALL EXTEND 100' IN EACH DIRECTION FROM THE RAILROAD TRACKS.

G. N. -1004.01  
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

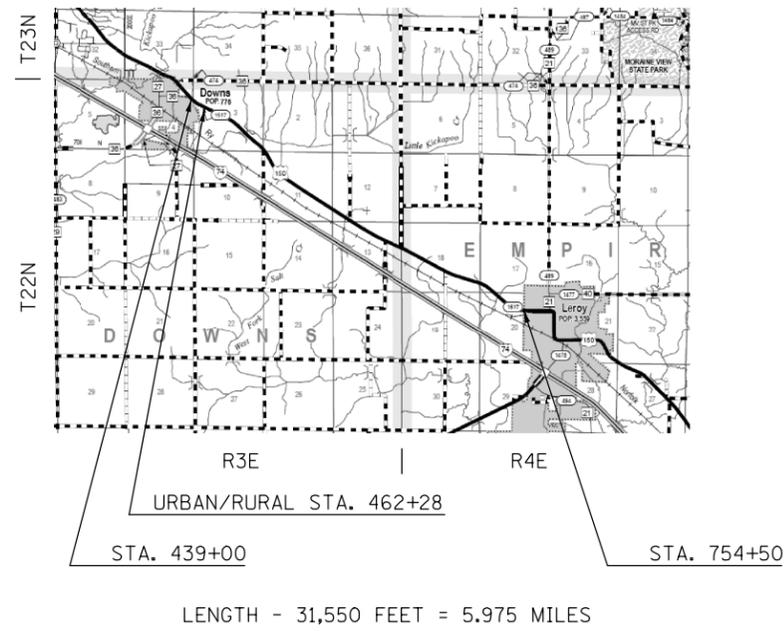
NO COMMITMENTS

\*MCLEAN, DEWITT AND CHAMPAIGN

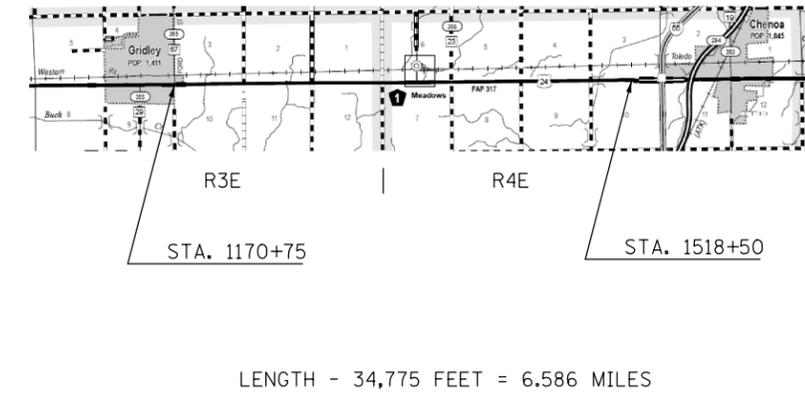
FILE NAME #	USER NAME # bushlewj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS &amp; GENERAL NOTES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\L\884EBID\INTEG\Illinois.gov\P\100T\00	umants\100T\Office\District 5\Projects\057	DRAWING\Design\057\035-5ht-Plan.dgn	REVISED -			VAR.	DS SW HSIP 2015-2	*	12	2
PLOT SCALE # 42.0000 1/ in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 70835				
PLOT DATE # 3/19/2015	DATE -	REVISED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
ILLINOIS FED. AID PROJECT										

# LOCATION MAP MCLEAN COUNTY

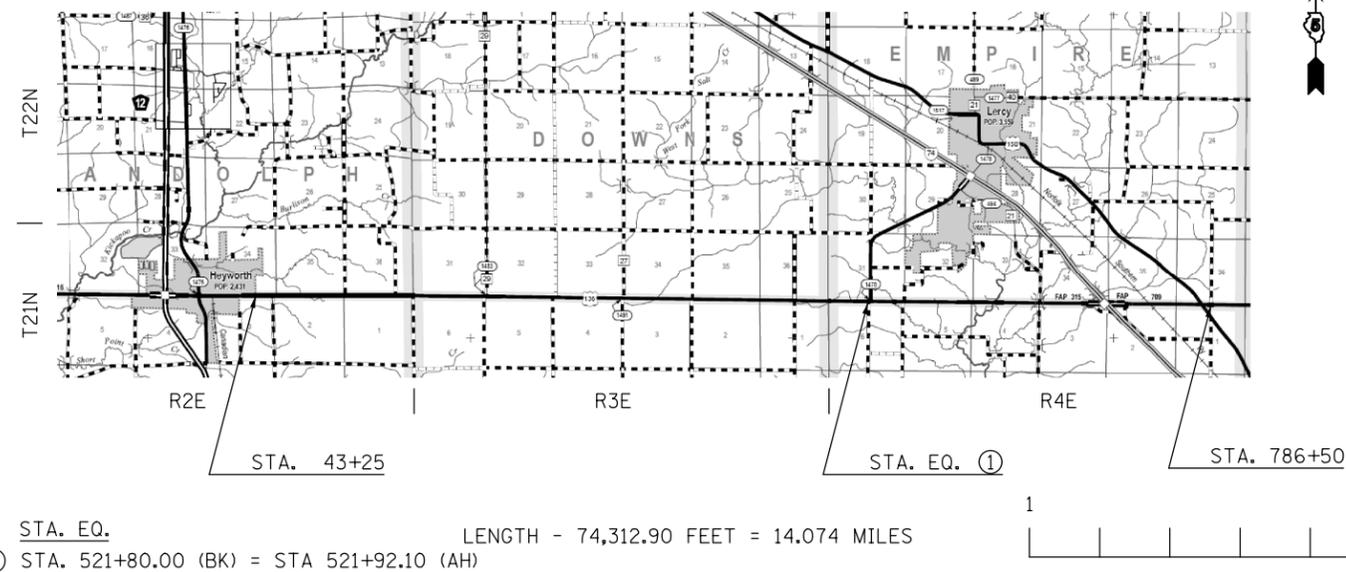
## LOCATION 1 US 150 DOWNS TO LEROY



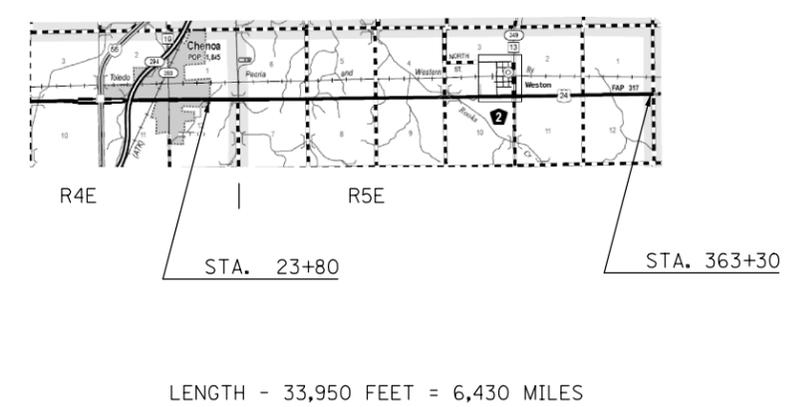
## LOCATION 3 US 24 GRIDLEY TO CHENOA



## LOCATION 2 US 136 HEYWORTH TO EAST OF US 150



## LOCATION 4 US 24 CHENOA TO LIVINGSTON CO. LINE



STA. EQ.  
① STA. 521+80.00 (BK) = STA 521+92.10 (AH)

\*MCLEAN, DEWITT AND CHAMPAIGN

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\057\DRAWING\Design\0570835-Sht-Plan.dgn		CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 3/19/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

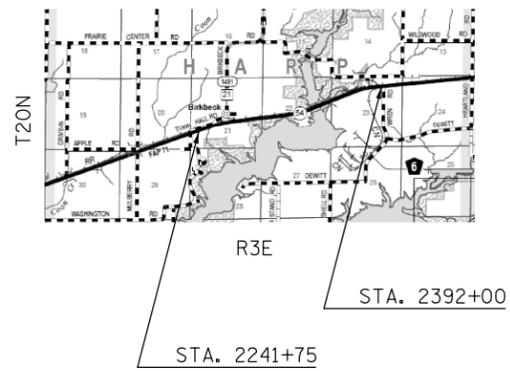
**LOCATION MAP**

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D5 SW HSIP 2015-2	*	12	3
CONTRACT NO. 70B35			ILLINOIS FED. AID PROJECT	

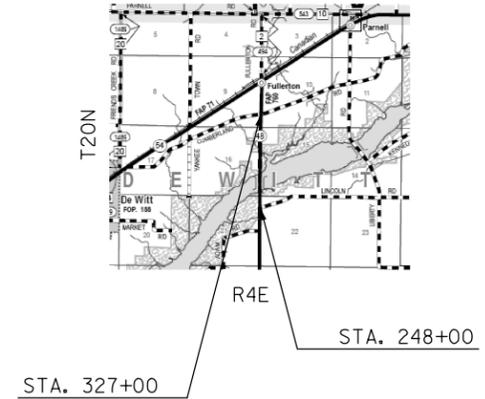
# LOCATION MAP DEWITT COUNTY

## LOCATION 5 US 54 WHITE OAK ROAD TO WREN ROAD



LENGTH - 15,025 FEET = 2.846 MILES

## LOCATION 6 IL 48 LINCOLN ROAD TO CUMBERLAND ROAD



LENGTH - 7,900 FEET = 1.496 MILES

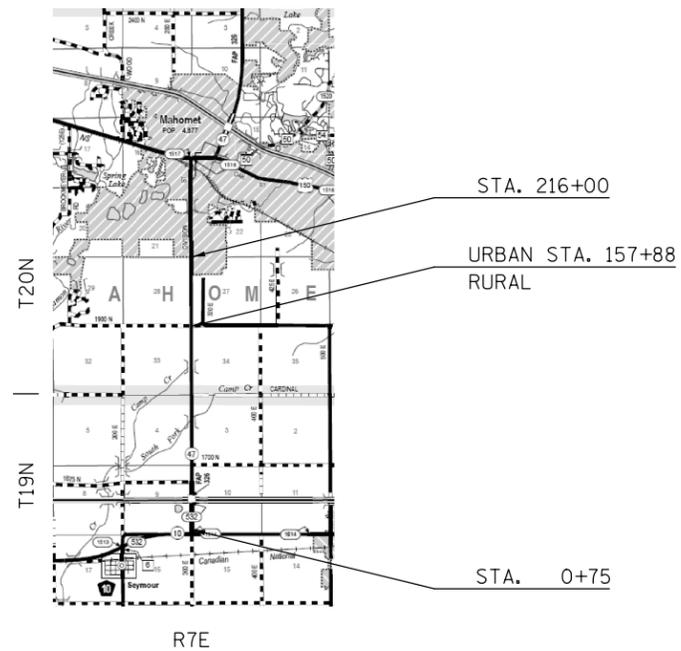


\*MCLEAN, DEWITT AND CHAMPAIGN

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LOCATION MAP</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN					REVIS				VAR.	D5 SW HSIP 2015-2	•	12	4
PLOT SCALE = 40.0000' / in.					CHECKED -	REVISED -				CONTRACT NO. 70B35			
PLOT DATE = 3/19/2015					DATE -	REVISED -				ILLINOIS FED. AID PROJECT			
							SCALE:	SHEET 2	OF 3	SHEETS	STA.	TO STA.	

# LOCATION MAP CHAMPAIGN COUNTY

## LOCATION 7 IL 47 MAHOMET TO IL 10



LENGTH - 21,525 FEET = 4.077 MILES



\*MCLEAN, DEWITT AND CHAMPAIGN

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LOCATION MAP</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\IL\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 5\Projects\0577\DRAWING\Design\0835-Sht-Plan.dgn						REVISED -	VAR.	D5 SW HSIP 2015-2	*	12	5
PLOT SCALE = 40.0000' / in.						REVISED -	CONTRACT NO. 70B35				
PLOT DATE = 3/19/2015						REVISED -	SCALE:	SHEET 3	OF 3	SHEETS	STA.
*MODELNAME*				DATE -	ILLINOIS FED. AID PROJECT						

# SUMMARY OF QUANTITIES

LOCATION OF WORK:	VARIOUS ROUTES				
	MCLEAN COUNTY	MCLEAN COUNTY	DEWITT COUNTY	CHAMPAIGN COUNTY	CHAMPAIGN COUNTY
	2-LANE	2-LANE	2-LANE	2-LANE	2-LANE
	URBAN	RURAL	RURAL	RURAL	URBAN
	90% FED/10% STATE				
CONSTRUCTION TYPE CODE:	0021	0021	0021	0021	0021

CODE NO	ITEM	UNIT	TOTAL QUANTITY				
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	10,986.0	175.0	9,712.0	1,099.0	0.0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	8,931.0	97.0	7,036.0	931.0	655.0
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	428,646.0	4,656.0	337,680.0	44,685.0	31,426.0
67100100	MOBILIZATION	L SUM	1.0	0.1	0.6	0.1	0.1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	0.1	0.6	0.1	0.1
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	430,276.0	4,656.0	338,620.0	45,150.0	31,426.0

\* SPECIALTY ITEM

# SCHEDULE OF QUANTITIES

## SHEET 1 OF 2

### MCLEAN COUNTY

LOCATION	TYPE	STATION	TO	STATION	LENGTH FOOT	LENGTH LT AND RT FOOT	SIDEROADS/RAMPS # OF	DEDUCTION FOOT	STRUCTURES # OF	DEDUCTION FOOT	TOTAL LENGTH	AGG WEDGE SHOULDER, TY B 48102100 (ASSUME 2" DROP)		BIT MAT (PC) 40600275 (0.025 LB/SQ FT)		SHLDR RUM STRIP, 8 IN 64200108 FOOT	PAINT, 4 IN 78001110 FOOT
												WIDTH FOOT	TON	WIDTH FEET	POUND		
LOCATION 1	URBAN	439+00.00		462+28.00	2328.00	4656.00	0	0	0	0	4656.0	3	97.0	1.5	174.6	4656.0	4656.0
	RURAL	462+28.00		754+50.00	29222.00	58444.00	5	500	0	0	57944.0	3	1207.3	1.5	2172.9	57944.0	57944.0
LOCATION 2	RURAL	43+25.00		521+80.00	47855.00	95710.00	16	1600	0	0	94110.0	3	1960.8	0	0.0	94110.0	94110.0
		STA EQ - 521+80 (BK) = 521+92.10 (AH) 521+92.10		786+50.00	26457.90	52915.80	11	1300	2	590	51025.8	3	1063.1	0	0.0	51025.8	51615.8
LOCATION 3	RURAL	1170+75.00		1518+50.00	34775.00	69550.00	13	1300	1	87	68163.0	3	1420.2	1.5	2556.1	68163.0	68250.0
LOCATION 4	RURAL	23+80.00		363+30.00	33950.00	67900.00	12	1200	2	263	66437.0	3	1384.2	3	4982.8	66437.0	66700.0
												MCLEAN URBAN SUB-TOTAL	97.0	174.6	4656.0	4656.0	
												MCLEAN RURAL SUB-TOTAL	7035.6	9711.8	337679.8	338619.8	
												MCLEAN COUNTY TOTAL	7132.6 TON	9886.4 POUND	342335.8 FOOT	343275.8 FOOT	

### DEWITT COUNTY

LOCATION	TYPE	STATION	TO	STATION	LENGTH FOOT	LENGTH LT AND RT FOOT	SIDEROADS/RAMPS # OF	DEDUCTION FOOT	STRUCTURES # OF	DEDUCTION FOOT	TOTAL LENGTH	AGG WEDGE SHOULDER, TY B 48102100 (ASSUME 2" DROP)		BIT MAT (PC) 40600275 (0.025 LB/SQ FT)		SHLDR RUM STRIP, 8 IN 64200108 FOOT	PAINT, 4 IN 78001110 FOOT
												WIDTH FOOT	TON	WIDTH FEET	POUND		
LOCATION 5	RURAL	2241+75.00		2392+00.00	15025.00	30050.00	5	500	1	235	29315.0	3	610.8	1.5	1099.3	29315.0	29550.0
LOCATION 6	RURAL	248+00.00		327+00.00	7900.00	15800.00	2	200	1	230	15370.0	3	320.2	0	0.0	15370.0	15600.0
												DEWITT URBAN SUB-TOTAL	0.0	0.0	0.0	0.0	
												DEWITT RURAL SUB-TOTAL	931.0	1099.3	44685.0	45150.0	
												DEWITT COUNTY TOTAL	931.0 TON	1099.3 POUND	44685.0 FOOT	45150.0 FOOT	

NOTES: QUANTITY FOR SHOULDER RUMBLE STRIP DOES NOT INCLUDE DEDUCTIONS FOR OMITTING THE SHOULDER RUMBLE STRIP AT ENTRANCES AND RAILROAD CROSSINGS.

EDGE LINE PAVEMENT MARKING SHALL BE PLACED PER DISTRICT DETAIL NO. 7800AAAA. CENTER LINE PAVEMENT MARKING IS NOT INCLUDED IN THIS CONTRACT.

A BITUMINOUS MATERIAL (PRIME COAT) SHALL BE APPLIED TO THE EXISTING SHOULDERS AT LOCATIONS SHOWN IN PLANS AFTER TO THE PLACEMENT OF THE SHOULDER RUMBLE STRIP. A FOG COAT WITH A RESIDUAL ASPHALT RATE OF 0.025 LB/SQ FT SHALL BE USED UNLESS OTHERWISE NOTED.

AT LOCATIONS WHERE THE EXISTING PAVEMENT MARKING CONFLICTS WITH THE PROPOSED BIT MAT (PRIME COAT) AND THE GIVEN RATE DOES NOT FULLY COVER THE EXISTING PAVEMENT MARKING, THE ENGINEER MAY INCREASE THE RATE OF THE BIT MAT (PRIME COAT) TO 0.05 LB/SQ FT TO INSURE COVERAGE WHEN NECESSARY.

\*MCLEAN, DEWITT AND CHAMPAIGN

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\0579\0835-Sht-Plan.dgn	DRAWN -	REVISED -	VAR.			D5 SW HSIP 2015-2	*	12	7	
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 70B35				
	PLOT DATE = 3/19/2015	DATE -	REVISED -			SCALE:	SHEET 1 OF 2 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

# SCHEDULE OF QUANTITIES

## SHEET 2 OF 2

### CHAMPAIGN COUNTY

LOCATION	TYPE	STATION	TO	STATION	LENGTH FOOT	LENGTH LT AND RT FOOT	SIDEROADS/RAMPS		STRUCTURES		TOTAL LENGTH	AGG WEDGE SHOULDER, TY B 48102100 (ASSUME 2" DROP)		BIT MAT (PC) 40600275 (0.025 LB/SQ FT)		SHLDR RUM STRIP, 8 IN 64200108	PAINT, 4 IN 78001110
							# OF	DEDUCTION FOOT	# OF	DEDUCTION FOOT		WIDTH FOOT	TON	WIDTH FEET	POUND	FOOT	FOOT
LOCATION 7	RURAL	0+75.00		157+88.00	15713.00	31426.00	0	0	0	0	31426.0	3	654.8	0	0.0	31426.0	31426.0
	URBAN	157+88.00		216+00.00	5812.00	11624.00	10	1200	1	225	10199.0	3	212.5	0	0.0	10199.0	10424.0
												CHAMPAIGN URBAN SUB-TOTAL		654.8	0.0	31426.0	31426.0
												CHAMPAIGN RURAL SUB-TOTAL		212.5	0.0	10199.0	10424.0
												CHAMPAIGN COUNTY TOTAL		867.3 TON	0.0 POUND	41625.0 FOOT	41850.0 FOOT

### TOTALS

	AGG WEDGE SHOULDER, TY B 48102100 TON	BIT MAT (PC) 40600275 POUND	SHLDR RUM STRIP, 8 IN 64200108 FOOT	PAINT, 4 IN 78001110 FOOT
MCLEAN URBAN SUB-TOTAL	97.0	174.6	4656.0	4656.0
MCLEAN URBAN FINAL TOTAL	97.0	175.0	4656.0	4656.0
MCLEAN RURAL SUB-TOTAL	7035.6	9711.8	337679.8	338619.8
MCLEAN RURAL FINAL TOTAL	7036.0	9712.0	337680.0	338620.0
DEWITT URBAN SUB-TOTAL	0.0	0.0	0.0	0.0
DEWITT URBAN FINAL TOTAL	0.0	0.0	0.0	0.0
DEWITT RURAL SUB-TOTAL	931.0	1099.3	44685.0	45150.0
DEWITT RURAL FINAL TOTAL	931.0	1099.0	44685.0	45150.0
CHAMPAIGN RURAL SUB-TOTAL	654.8	0.0	31426.0	31426.0
CHAMPAIGN RURAL FINAL TOTAL	655.0	0.0	31426.0	31426.0
CHAMPAIGN URBAN SUB-TOTAL	212.5	0.0	10199.0	10424.0
CHAMPAIGN URBAN FINAL TOTAL	212.0	0.0	10199.0	10424.0
FINAL TOTAL	8931.0 TON	10986.0 POUND	428646.0 FOOT	430276.0 FOOT

NOTES: QUANTITY FOR SHOULDER RUMBLE STRIP DOES NOT INCLUDE DEDUCTIONS FOR OMITTING THE SHOULDER RUMBLE STRIP AT ENTRANCES AND RAILROAD CROSSINGS.

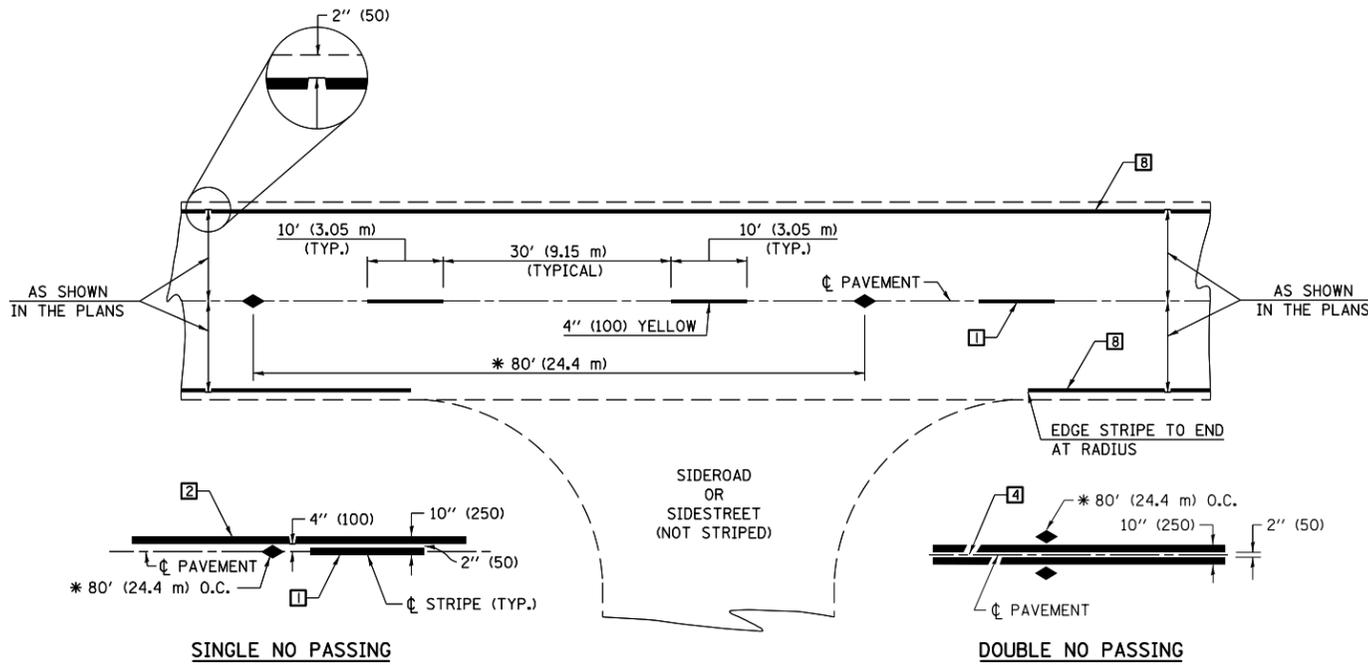
EDGE LINE PAVEMENT MARKING SHALL BE PLACED PER DISTRICT DETAIL NO. 7800AAAA. CENTER LINE PAVEMENT MARKING IS NOT INCLUDED IN THIS CONTRACT.

A BITUMINOUS MATERIAL (PRIME COAT) SHALL BE APPLIED TO THE EXISTING SHOULDERS AT LOCATIONS SHOWN IN PLANS AFTER TO THE PLACEMENT OF THE SHOULDER RUMBLE STRIP. A FOG COAT WITH A RESIDUAL ASPHALT RATE OF 0.025 LB/SQ FT SHALL BE USED UNLESS OTHERWISE NOTED.

AT LOCATIONS WHERE THE EXISTING PAVEMENT MARKING CONFLICTS WITH THE PROPOSED BIT MAT (PRIME COAT) AND THE GIVEN RATE DOES NOT FULLY COVER THE EXISTING PAVEMENT MARKING, THE ENGINEER MAY INCREASE THE RATE OF THE BIT MAT (PRIME COAT) TO 0.05 LB/SQ FT TO INSURE COVERAGE WHEN NECESSARY.

\*MCLEAN, DEWITT AND CHAMPAIGN

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
						VAR.	D5 SW HSIP 2015-2	*	12	8	
						CONTRACT NO. 70B35					
\$MODELNAME\$	PLOT DATE = 3/19/2015	DATE -	REVISED -			SCALE:	SHEET 2 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



\* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

**TWO LANE/TWO WAY**

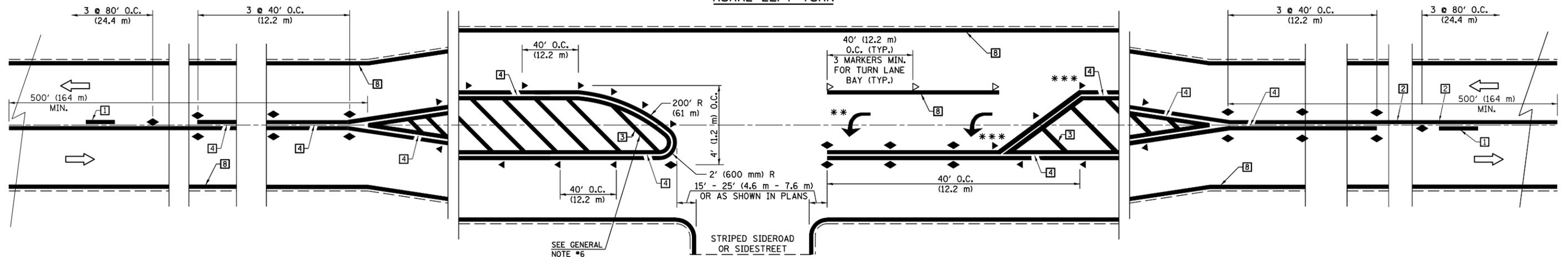
**TYPICAL PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

**RURAL LEFT TURN**



\*\*\* REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

\*\* TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

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

•MCLEAN, DEWITT AND CHAMPAIGN

**DISTRICT 5 DETAIL NO. 7800AAA**

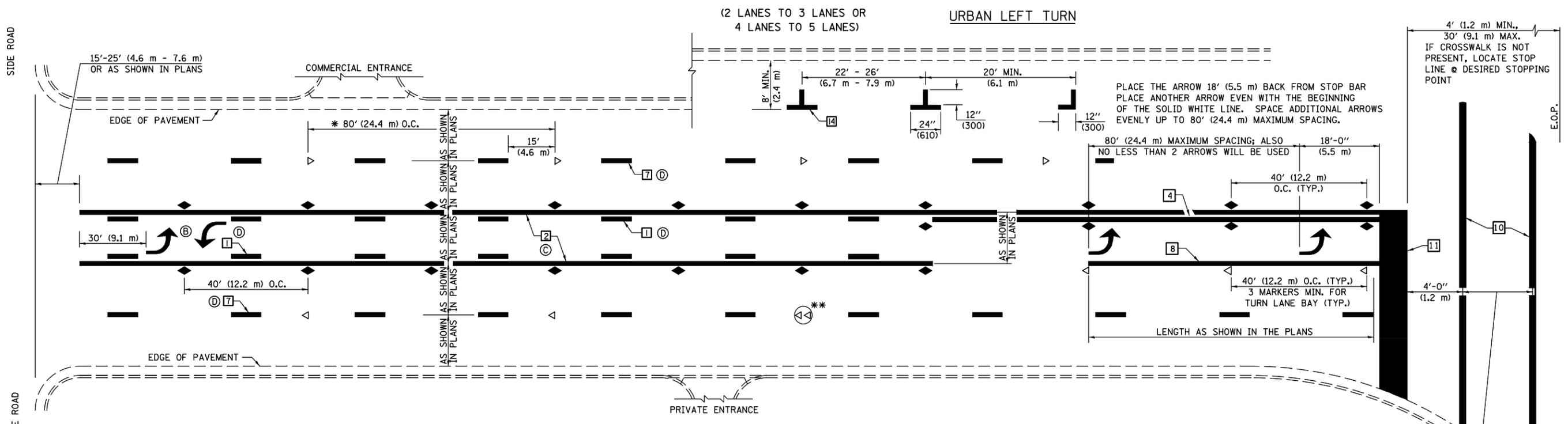
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/14 - JLA
	PLOT DATE = 3/19/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D5 SW HSIP 2015-2	*	12	9
CONTRACT NO. 70B35				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

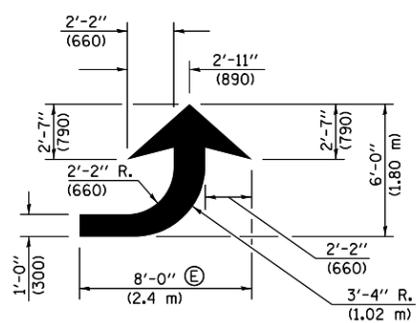


\* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

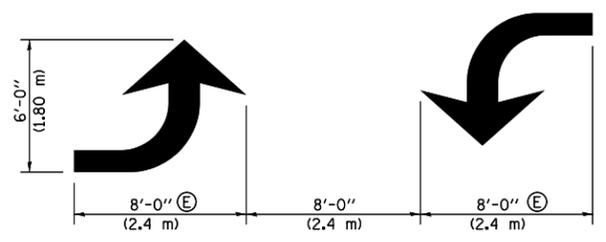
**GENERAL NOTES:**

- ⓑ 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.
- ⓒ 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.
- ⓓ 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.
- ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



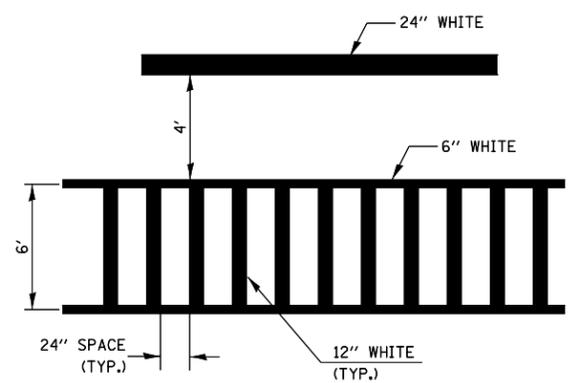
**LEFT ARROW**

REVERSE FOR RIGHT ARROW  
AREA = 15.6 SQ. FT. (1.47 m<sup>2</sup>)  
(WHITE)

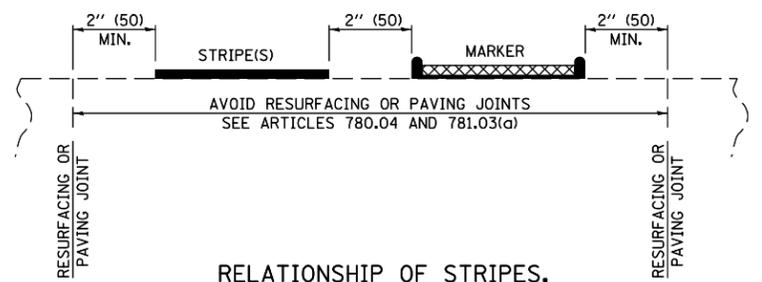


**TYPICAL DOUBLE TURN ARROWS (WHITE)**

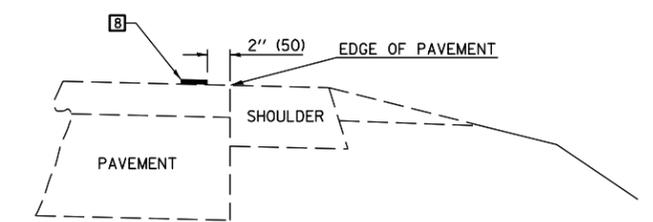
**BLOOMINGTON-NORMAL CITY LIMITS ONLY**



**TYPICAL SPACING FOR CROSSWALKS & STOP BARS**



**RELATIONSHIP OF STRIPES, MARKERS AND JOINTS**



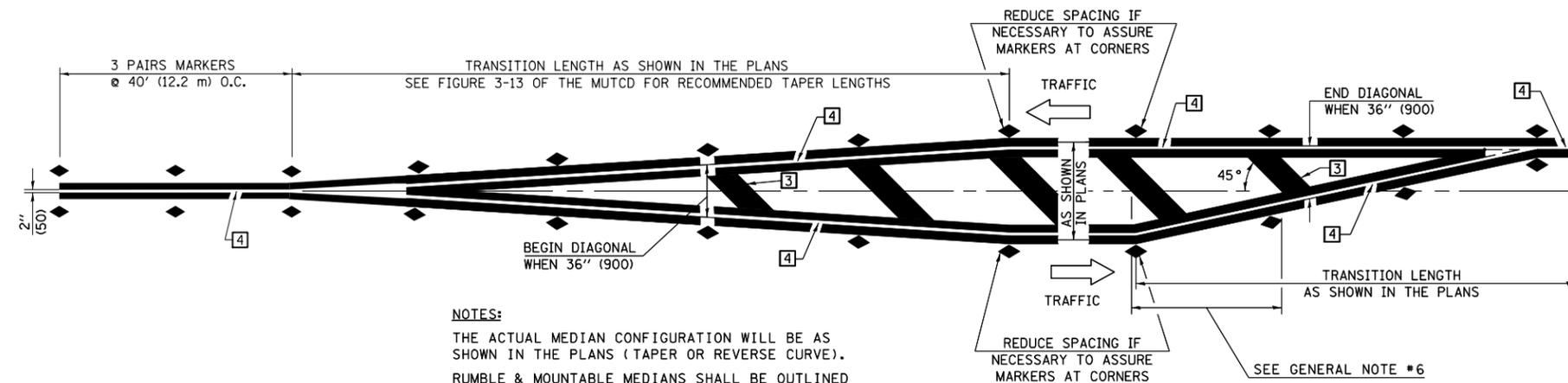
**RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04**

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

\*MCLEAN, DEWITT AND CHAMPAIGN

**DISTRICT 5 DETAIL NO. 7800AAA**

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED - 11/06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0577\Drawings\Design\05770835-Sht-Plan.dgn	DRAWN -	REVISED - 09/2009 - KJT	VAR.			D5 SW HSIP 2015-2	*	12	10	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/14 - JLA	CONTRACT NO. 70B35							
PLOT DATE = 3/19/2015	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO. 2 OF 4 SHEETS		STA. TO STA.		

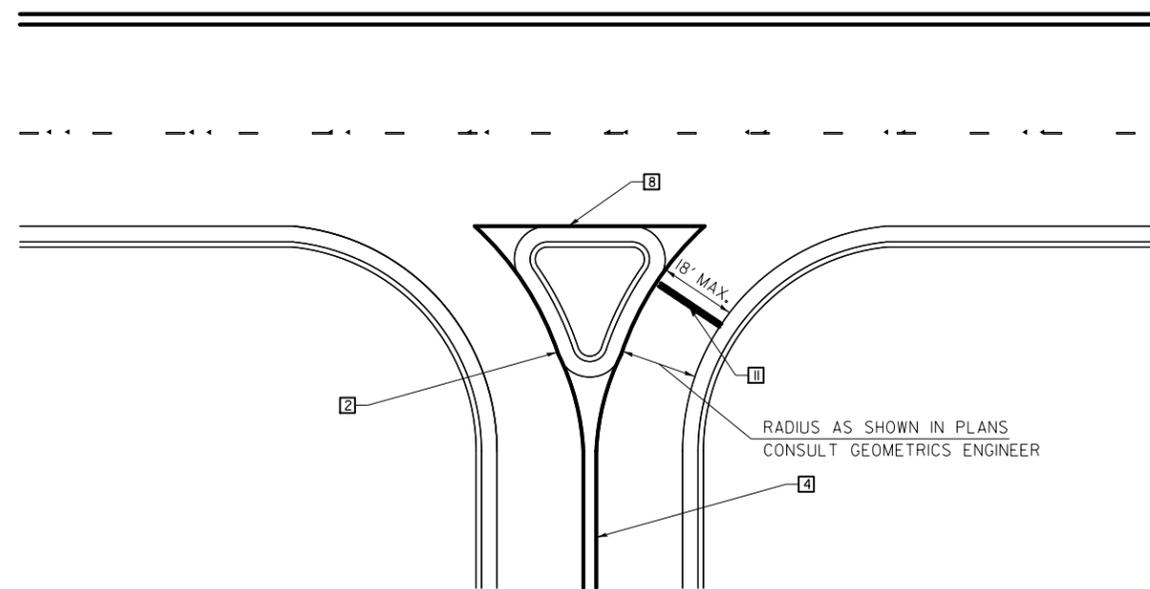


**NOTES:**  
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).  
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

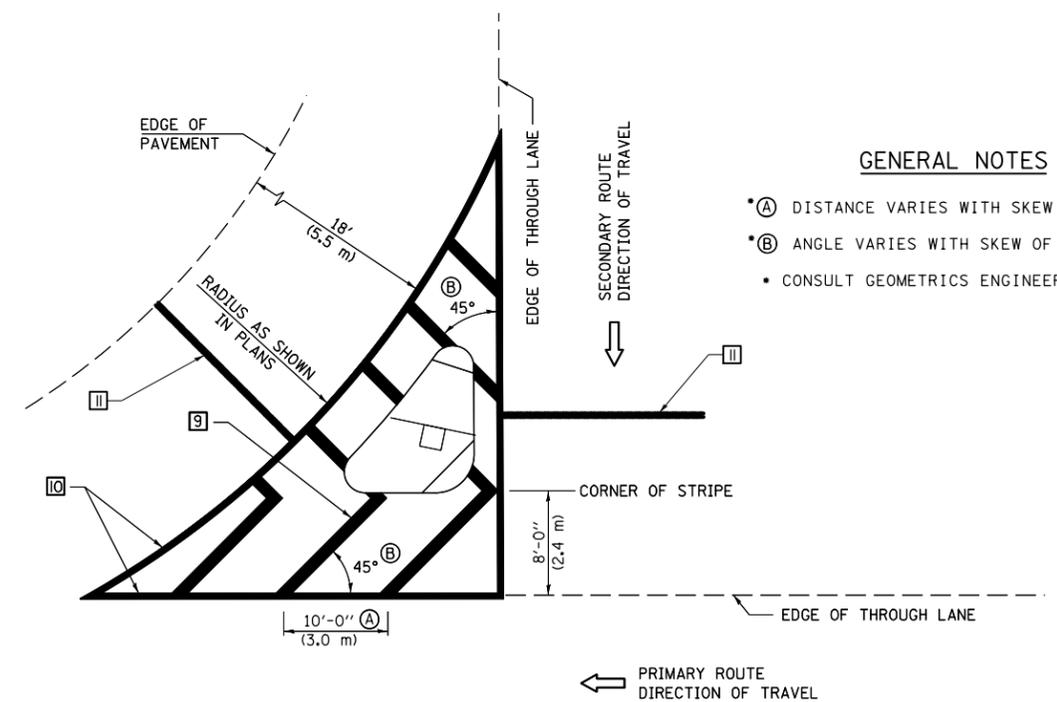
**TYPICAL MEDIAN TRANSITIONS**

**GENERAL NOTES**

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,  
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)  
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)  
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



**RIGHT IN - RIGHT OUT ACCESS**



**GENERAL NOTES**

- (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- (B) ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

**ISLAND**

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

•MCLEAN, DEWITT AND CHAMPAIGN

**DISTRICT 5 DETAIL NO. 7800AAAA**

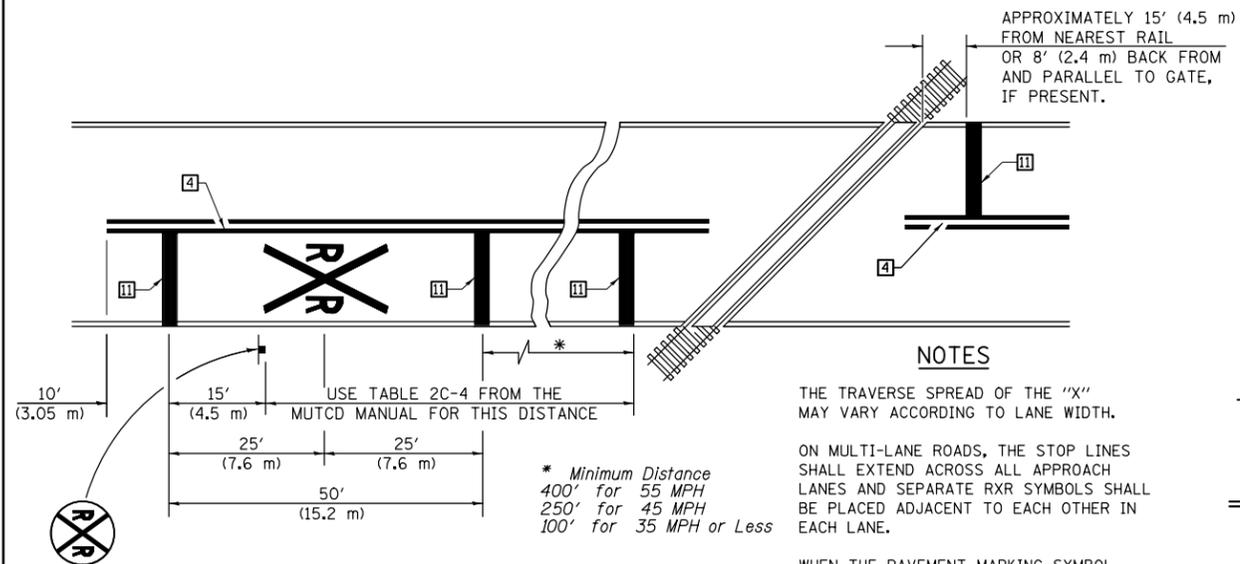
FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED - 11/06
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\570835-Sht-Plan.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 04/14 - JLA
	PLOT DATE = 3/19/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D5 SW HSIP 2015-2	*	12	11
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70B35	



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

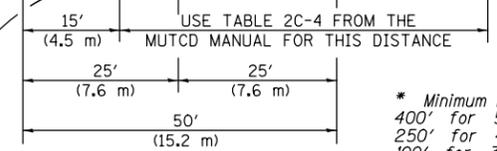
**NOTES**

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

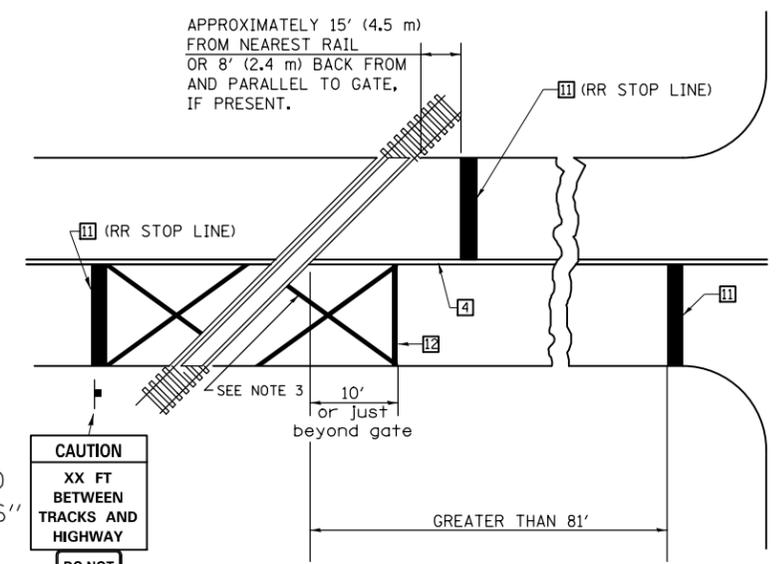
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

\* Minimum Distance  
 400' for 55 MPH  
 250' for 45 MPH  
 100' for 35 MPH or Less



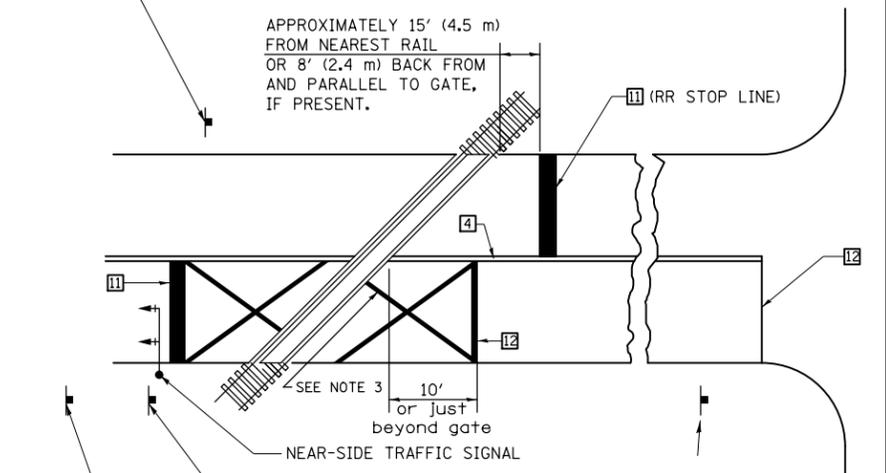
RAILROAD CROSSING WITH INTERCONNECT ONLY



W10-I100  
 30" X 36"

CAUTION  
 XX FT  
 BETWEEN  
 TRACKS AND  
 HIGHWAY  
 DO NOT  
 STOP ON  
 TRACKS  
 R8-8  
 24" X 30"

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS

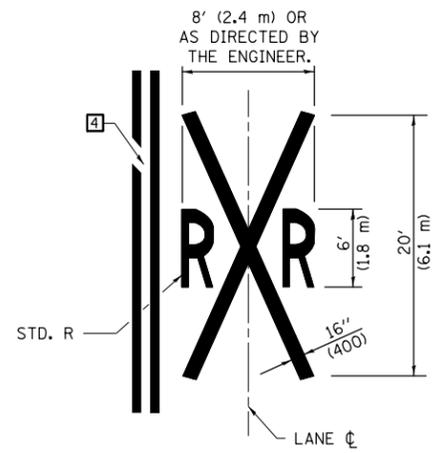


DO NOT STOP ON TRACKS  
 (R8-8)  
 24" X 30"

STOP HERE ON RED  
 R10-6(L)  
 24" X 30" OR  
 R10-6(R)  
 24" X 30"  
 IF IN MEDIAN

NO TURN ON RED  
 R10-11  
 24" X 30"  
 DO NOT STOP ON TRACKS  
 R8-8  
 24" X 30"

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



ALTERNATE SIGNS

STOP HERE ON RED  
 R10-6a(L)  
 24" X 30"

STOP HERE ON RED  
 R10-6a(R)  
 24" X 30"

GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
- XX 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.
- 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 EXTENDED TO THE INTERSECTION.

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DISTRICT 5 DETAIL NO. 7800AAA

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		DATE -	REVISED - 04/14 - JLA
			REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS  
 (RURAL & URBAN APPLICATIONS)

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D5 SW HSIP 2015-2	*	12	12
CONTRACT NO. 70B35			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	