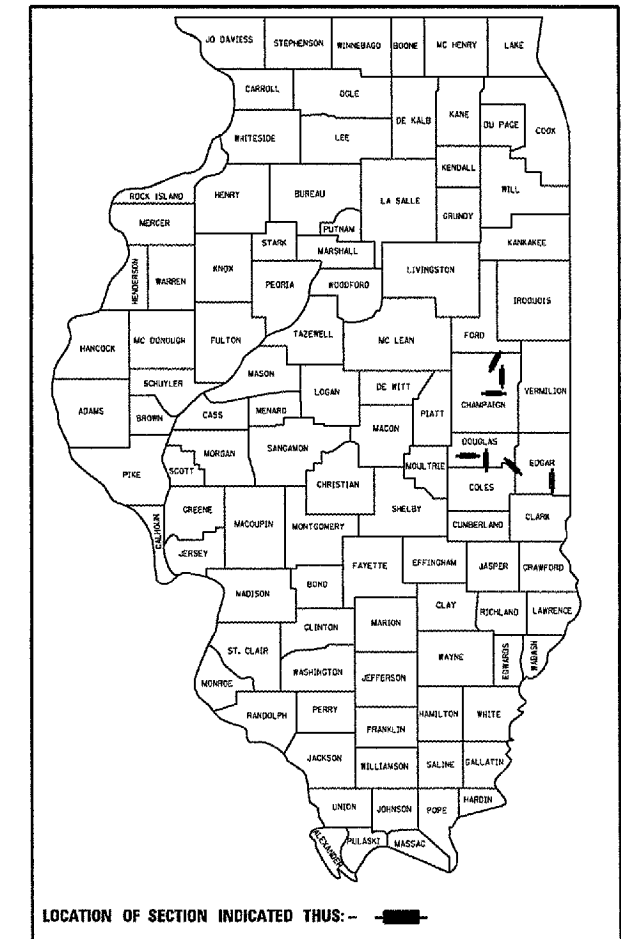


F.A. RTE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*	**	24	1

• D5 CRACK & JOINT SEAL 2008-2  
 •• CHAMPAIGN, DOUGLAS & EDGAR

D-95-031-07



STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

**PROPOSED  
 HIGHWAY PLANS**

**VARIOUS ROUTES  
 SECTION D5 CRACK & JOINT SEAL 2008-2  
 CHAMPAIGN, DOUGLAS & EDGAR COUNTIES**

C-95-031-07

**ROUT & SEAL CRACKS**

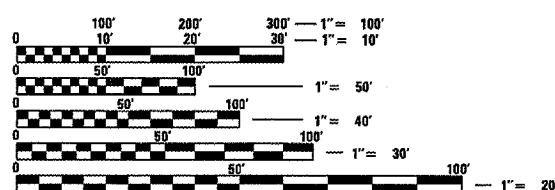
FOR LOCATION MAPS, SEE SHEETS NO. 3-6

FOR TOTAL & NET LENGTHS, SEE SHEETS NO. 3-6

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 8

CURRENT ADT	
LOCATION #1	4,700 (2005)
LOCATION #2	22,800 (2005)
LOCATION #3	4,450 (2005)
LOCATION #4	20,300 (2005)
LOCATION #5	23,600 (2005)
LOCATION #6	9,700 (2005)
LOCATION #7	2,250 (2005)
LOCATION #8	2,100 (2005)

DESIGN DESIGNATION
N/A



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

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED 10/17 20 07  
Joseph E. Bower  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 7, 20 07  
Eric E. Harm  
 INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

December 7, 20 07  
Christine M. Reed  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY  
 OF THE STATE OF ILLINOIS**

(217)465-4181  
 PROJECT ENGINEER: KEVIN TRAPP  
 SQUAD LEADER: CHRIS GREESON  
 DESIGNER: MATT BOWER  
 PLOT DATE = 10/15/2007  
 FILE NAME = c:\projects\70659\70659\champsheets.dgn  
 PLOT SCALE = 43.1891 / IN.  
 USER NAME = collardcw

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	**	24	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- D5 CRACK & JOINT SEAL 2008-2
- \*\* CHAMPAIGN, DOUGLAS & EDGAR

## INDEX OF SHEETS

<u>SHEET NO.</u>	<u>ITEM</u>
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF STANDARDS
3-6	LOCATION MAPS
7	GENERAL NOTES
8	SUMMARY OF QUANTITIES
9	SCHEDULE OF QUANTITIES
10-18	EXISTING TYPICAL CROSS SECTIONS
19	TYPICAL DETAIL FOR CRACK & JOINT SEALING
20-23	TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS (RURAL & URBAN)
24	TYPICAL APPLICATIONS OF PAVEMENT MARKINGS (INTERSTATE & MULTI-LANE)

## LIST OF STANDARDS

<u>STANDARD NUMBER</u>	<u>NAME OF STANDARD</u>
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS ≥ 45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701400-02	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-04	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701426-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS = 45 MPH
701501-04	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-02	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-05	URBAN LANE CLOSURE, MULTI-LANE, 1W OR 2W WITH NONTRAVERDABLE MEDIAN
701602-03	URBAN LANE CLOSURE, MULTI-LANE, 2W WITH BIDIRECTIONAL TURN LANE
701606-05	URBAN LANE CLOSURE, MULTI-LANE, 2W WITH MOUNTABLE MEDIAN
701701-05	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
INDEX OF SHEETS/  
LIST OF STANDARDS

D5 CRACK & JOINT SEAL 2008-2  
 CHAMPAIGN, DOUGLAS & EDGAR COUNTIES

SCALE: NONE DRAWN BY: B.B.P.  
 DATE: 10/10/07 CHECKED BY: M.L.B.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- D5 CRACK & JOINT SEAL 2008-2
- CHAMPAIGN, DOUGLAS & EDGAR

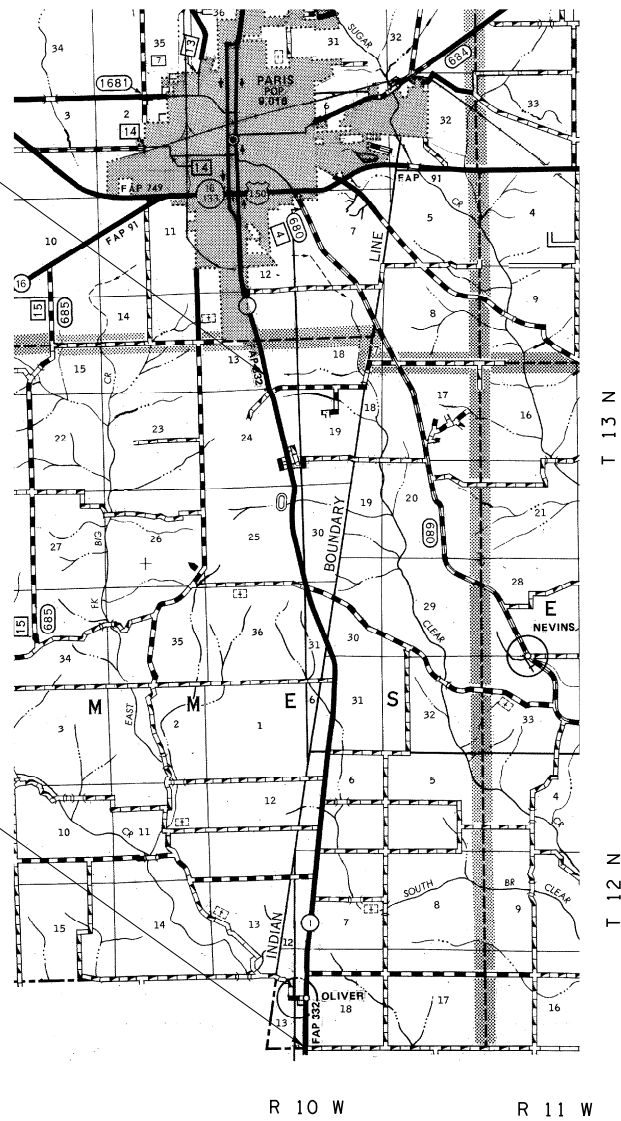
## LOCATION MAP #1 IL 1, FROM EDGAR COUNTY LINE TO SOUTH OF PARIS

### EDGAR COUNTY /RURAL 2 - LANE

## LOCATION MAP #2 F.A.I. 57, FROM NORTH OF RANTOUL TO FORD COUNTY LINE

### CHAMPAIGN COUNTY /RURAL MULTI - LANE

SECTION D5 CRACK & JOINT SEAL 2008-2  
ENDS @ STATION 694+63.00

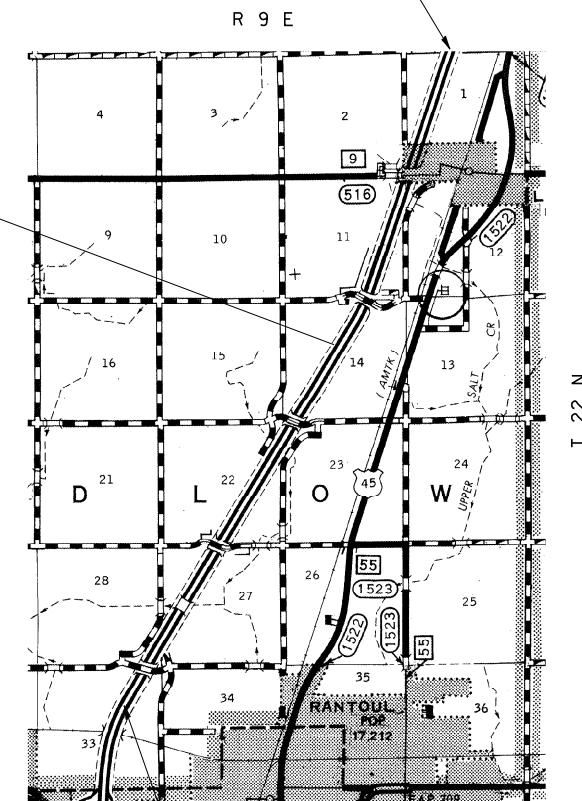


SECTION D5 CRACK & JOINT SEAL 2008-2  
BEGINS @ STATION 212+85.00

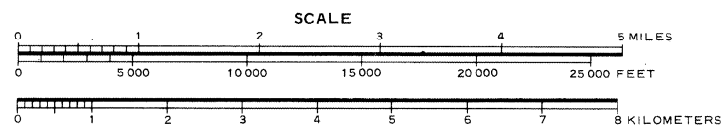
**TOTAL LENGTH OF SECTION = 48,178.00 FT. = 9.125 MILES**  
**NET LENGTH OF SECTION = 48,178.00 FT. = 9.125 MILES**

SECTION D5 CRACK & JOINT SEAL 2008-2  
ENDS @ STATION 1649+18.87

STATION EQUATION:  
 STATION 1502+40.24 (BK.) =  
 STATION 1502+35.17 (AH.)



SECTION D5 CRACK & JOINT SEAL 2008-2  
BEGINS @ STATION 1339+26.00



**TOTAL LENGTH OF SECTION = 30,997.94 FT. = 5.871 MILES**  
**NET LENGTH OF SECTION = 30,997.94 FT. = 5.871 MILES**

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**LOCATION MAPS**  
 D5 CRACK & JOINT SEAL 2008-2  
 CHAMPAIGN, DOUGLAS & EDGAR COUNTIES  
 SHEET 1 OF 4  
 SCALE: DRAWN BY: B.B.P.  
 DATE: 08/03/07 CHECKED BY: M.L.B.

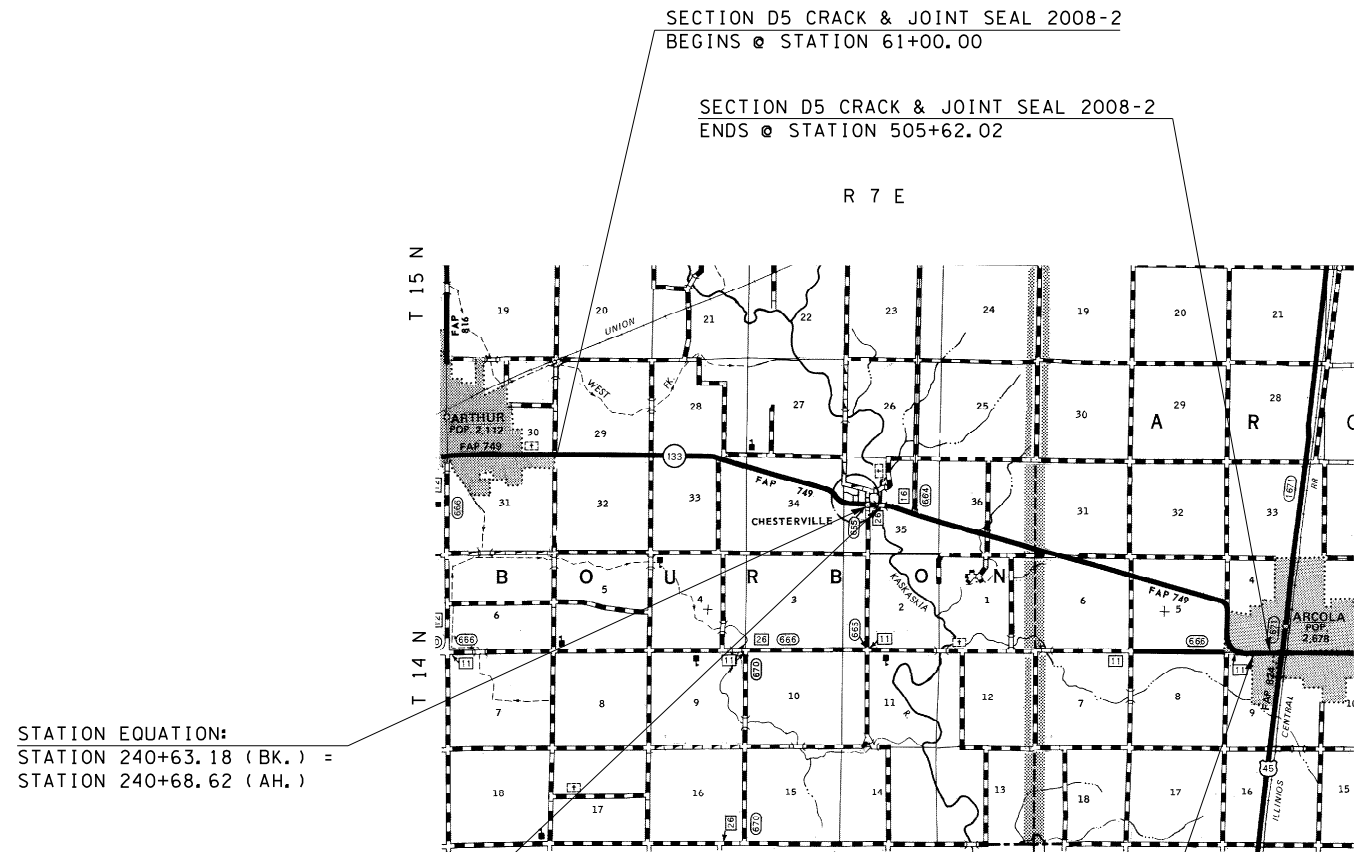
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	.	**	24	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- D5 CRACK & JOINT SEAL 2008-2
- CHAMPAIGN, DOUGLAS & EDGAR

### LOCATION MAP #3 IL 133, FROM ARTHUR TO U.S. 45

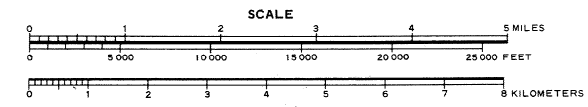
**DOUGLAS COUNTY /RURAL 2 – LANE**



STATION EQUATION:  
STATION 240+63.18 (BK.) =  
STATION 240+68.62 (AH.)

OMISSION:  
STATION 243+50.00 TO  
STATION 252+50.00

STATION EQUATION:  
STATION 476+61.84 (BK.) =  
STATION 488+87.90 (AH.)



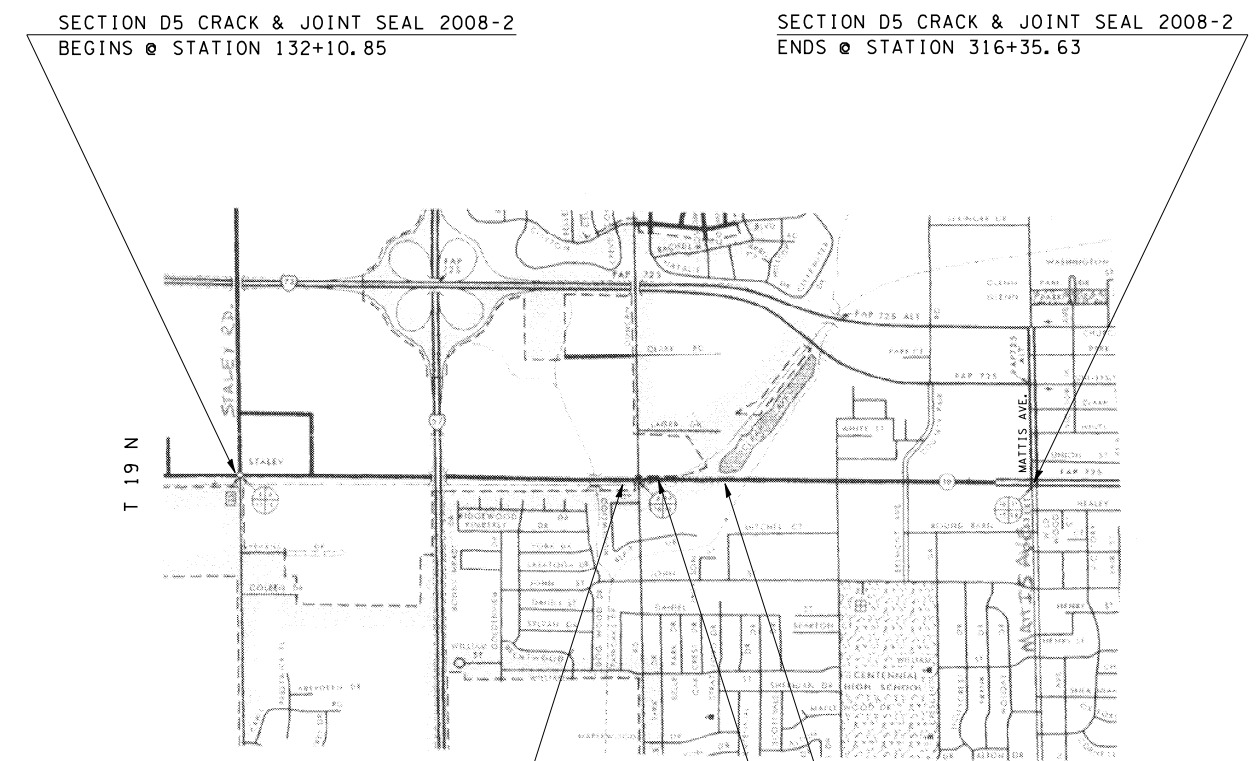
**TOTAL LENGTH OF SECTION = 43,230.52 FT. = 8.188 MILES**  
**NET LENGTH OF SECTION = 42,330.52 FT. = 8.017 MILES**

PLOT DATE = 10/15/2007  
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USER NAME = collierdw



### LOCATION MAP #4 IL 10, FROM STALEY RD. TO MATTIS AVE. IN CHAMPAIGN

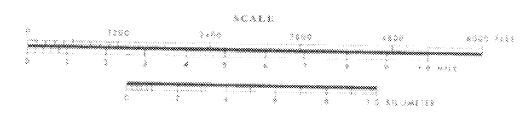
**CHAMPAIGN COUNTY /URBAN 2 – LANE & MULTI – LANE**



OMISSION:  
STATION 89+78.00 TO  
STATION 89+28.00

STATION EQUATION:  
STATION 64+55.00 (BK.) =  
STATION 278+34.50 (AH.)

OMISSION:  
STATION 76+73.00 TO  
STATION 74+60.00



**TOTAL LENGTH OF SECTION = 10,556.98 FT. = 1.999 MILES**  
**NET LENGTH OF SECTION = 10,293.98 FT. = 1.950 MILES**



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**LOCATION MAPS**  
D5 CRACK & JOINT SEAL 2008-2  
CHAMPAIGN, DOUGLAS & EDGAR COUNTIES  
SHEET 2 OF 4  
SCALE: DATE: 08/03/07  
DRAWN BY: B.B.P.  
CHECKED BY: M.L.B.

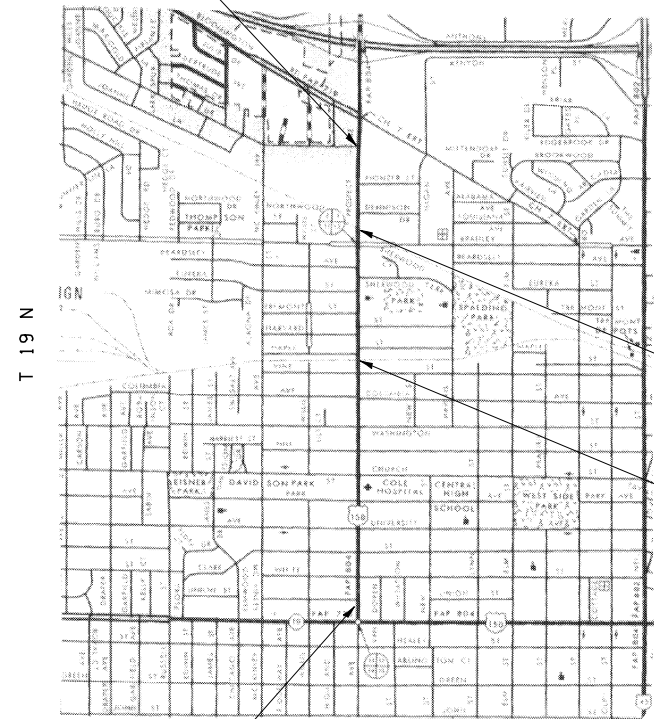
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VAR	*	**	24	5
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- D5 CRACK & JOINT SEAL 2008-2
- \*\* CHAMPAIGN, DOUGLAS & EDGAR

**LOCATION MAP #5**  
**U.S. 150, FROM IL 10 TO SOUTH OF BLOOMINGTON ROAD**

**CHAMPAIGN COUNTY /URBAN MULTI-LANE**

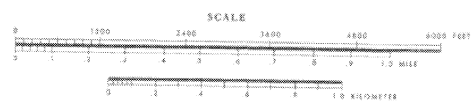
SECTION D5 CRACK & JOINT SEAL 2008-2  
 ENDS @ STATION 164+57.48



OMISSION:  
 STATION 154+92.55 TO  
 STATION 155+42.55

OMISSION:  
 STATION 136+38.15 TO  
 STATION 136+88.15

SECTION D5 CRACK & JOINT SEAL 2008-2  
 BEGINS @ STATION 102+82.00



**TOTAL LENGTH OF SECTION = 6,175.48 FT. = 1.170 MILES**  
**NET LENGTH OF SECTION = 6,075.48 FT. = 1.151 MILES**

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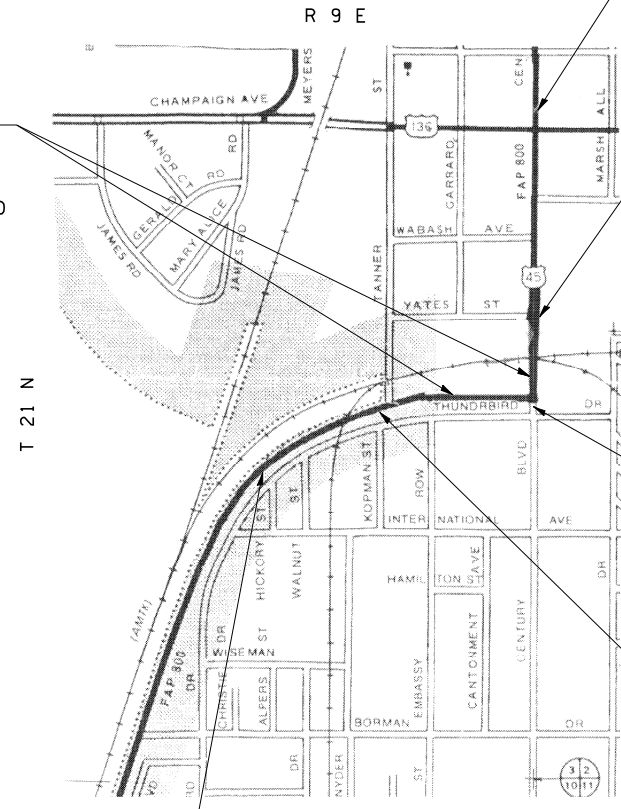
**LOCATION MAP #6**  
**U.S. 45, FROM NORTH OF BORMAN DRIVE TO NORTH OF U.S. 136 IN RANTOUL**

**CHAMPAIGN COUNTY /URBAN**

SECTION D5 CRACK & JOINT SEAL 2008-2  
 ENDS @ STATION 702+61.44  
 ENDS @ STATION 52+900.000

OMISSION:  
 STATION 2241+78.16 TO  
 STATION 5605+91.58

STATION 99+811.530 TO  
 STATION 202+345.335



STATION EQUATION:  
 STATION 5609+88.41 (BK.) =  
 STATION 690+77.07 (AH.)

STATION 202+466.282 (BK.) =  
 STATION 52+539.022 (AH.)

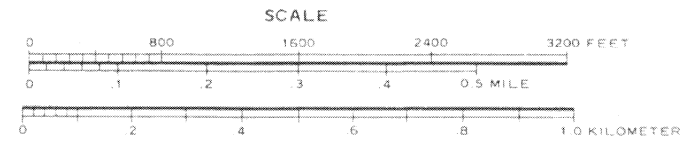
STATION EQUATION:  
 STATION 2247+88.66 (BK.) =  
 STATION 5603+81.23 (AH.)

STATION 99+997.600 (BK.) =  
 STATION 202+281.224 (AH.)

STATION EQUATION:  
 STATION 675+75.80 (BK.) =  
 STATION 2235+88.10 (AH.)

STATION 52+081.463 (BK.) =  
 STATION 99+631.688 (AH.)

SECTION D5 CRACK & JOINT SEAL 2008-2  
 BEGINS @ STATION 661+73.29  
 BEGINS @ STATION 51+654.000



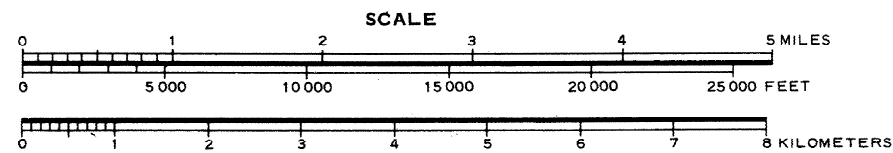
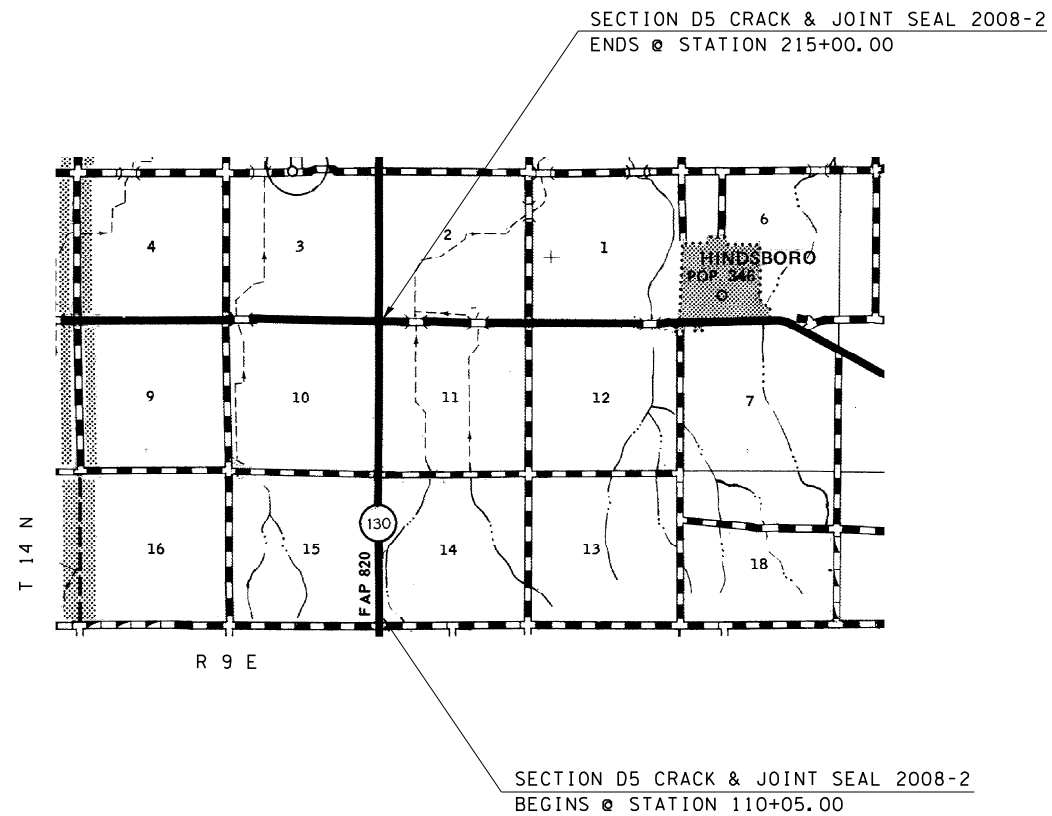
**TOTAL LENGTH OF SECTION = 4,394.62 FT. = 0.832 MILES**  
**NET LENGTH OF SECTION = 3,573.77 FT. = 0.677 MILES**

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**LOCATION MAPS**  
 D5 CRACK & JOINT SEAL 2008-2  
 CHAMPAIGN, DOUGLAS & EDGAR COUNTIES  
 SHEET 3 OF 4  
 SCALE: DATE: 08/03/07  
 DRAWN BY: B.B.P.  
 CHECKED BY: M.L.B.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	**	24	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

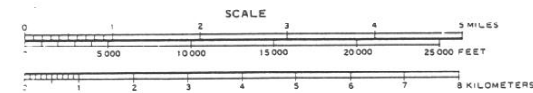
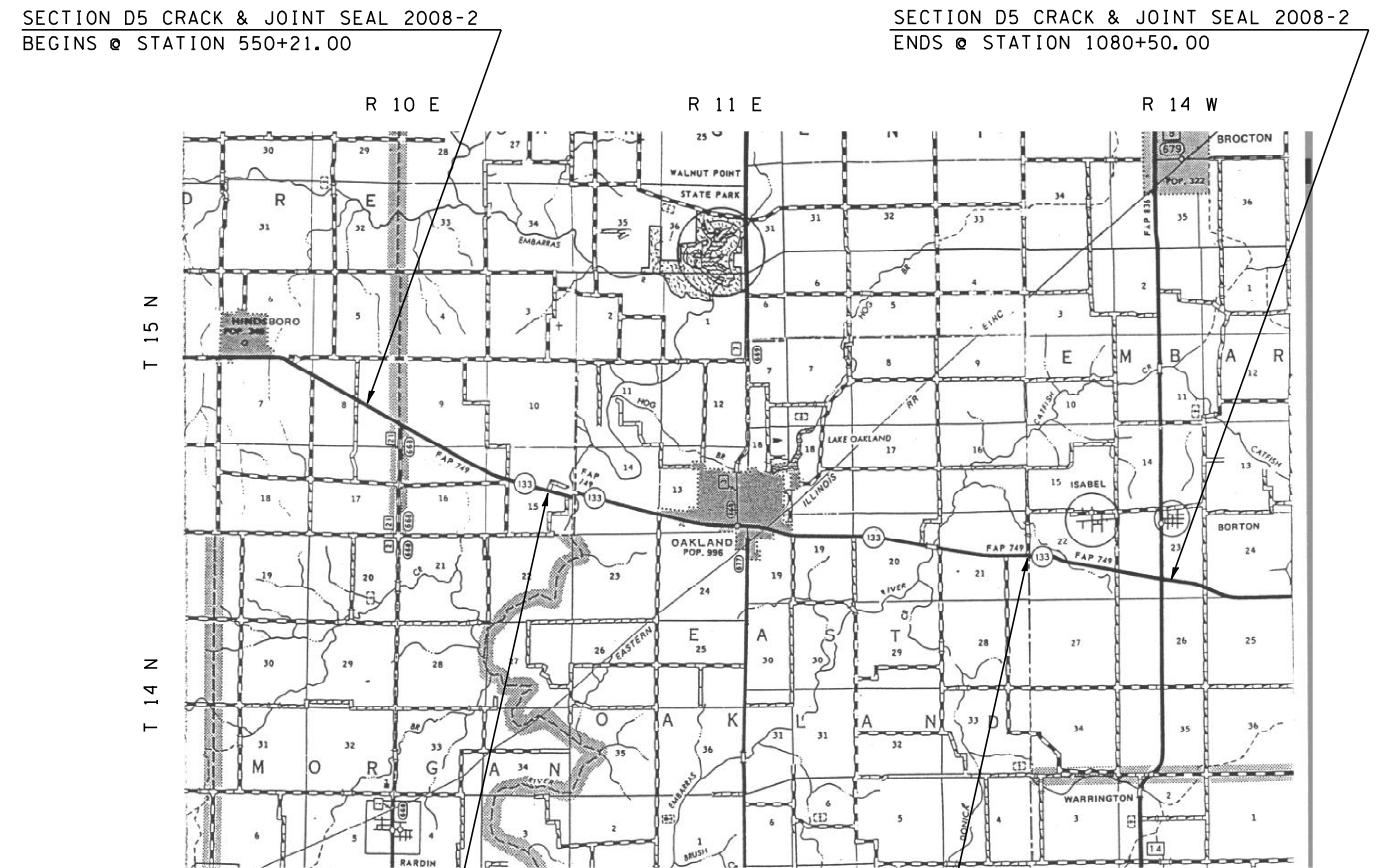
- D5 CRACK & JOINT SEAL 2008-2
- CHAMPAIGN, DOUGLAS & EDGAR

**LOCATION MAP #7**  
**IL 130, FROM DOUGLAS COUNTY LINE TO IL 133**  
**DOUGLAS COUNTY /RURAL 2 – LANE**



**TOTAL LENGTH OF SECTION = 10,495.00 FT. = 1.988 MILES**  
**NET LENGTH OF SECTION = 10,495.00 FT. = 1.988 MILES**

**LOCATION MAP #8**  
**IL 133, FROM EAST OF HINDSBORO TO THE DOUGLAS COUNTY LINE AND EDGAR COUNTY LINE TO IL 49, PLUS NORTH AND SOUTH LEGS ON IL 49**  
**DOUGLAS & EDGAR COUNTY /RURAL 2 – LANE**



**TOTAL LENGTH OF SECTION = 53,023.50 FT. = 10.042 MILES**  
**NET LENGTH OF SECTION = 24,873.00 FT. = 4.711 MILES**

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**LOCATION MAPS**  
 D5 CRACK & JOINT SEAL 2008-2  
 CHAMPAIGN, DOUGLAS & EDGAR COUNTIES  
 SHEET 4 OF 4

SCALE: DATE: 08/03/07 DRAWN BY: B.B.P. CHECKED BY: M.L.B.

**GENERAL NOTES**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	**	24	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

- D5 CRACK & JOINT SEAL 2008-2
- CHAMPAIGN, DOUGLAS & EDGAR

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. -107.12A  
 RAILROAD PROTECTIVE LIABILITY INSURANCE IS NOT INCLUDED IN THIS CONTRACT. ALL ROUT AND SEAL OPERATIONS SHALL STOP AT THE RAILROAD RIGHT-OF-WAY LINE UNLESS THE RAILROAD RIGHT-OF-WAY LINE IS LESS THAN 25.0 FEET FROM THE RAILROAD TRACKS THEN THE ROUT AND SEAL OPERATIONS SHALL STOP 25.0 FEET FROM THE RAILROAD TRACKS. THE RAILROAD RIGHT-OF-WAY LINE SHALL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

G. N. - 451 (SPECIAL)  
 CRACK ROUTING AND FILLING CONSISTS OF BOTH LONGITUDINAL AND TRANSVERSE CRACKS. AN APPLICATION RATE OF 0.40 LBS./FOOT WAS USED TO DETERMINE CRACK FILLING QUANTITIES.

AT LOCATION #2 THE SEALANT WILL BE DUSTED WITH FINE SAND, PORTLAND CEMENT, OR MINERAL FILLER, COVERED WITH TISSUE PAPER, OR SPRAYED WITH GLENSOIL OR ANOTHER APPROVED PRODUCT TO PREVENT TRACKING.

LOCATION #1  
 THE INTENT IN LOCATION #1 IS TO ROUT AND SEAL THE ENTIRE CENTERLINE & AUXILIARY LANE JOINTS, AND ALL TRANSVERSE CRACKS AND MISCELLANEOUS LONGITUDINAL CRACKS IN THE EXISTING PAVEMENT.  
 LONGITUDINAL: 25053 LBS  
 TRANSVERSE : 3700 LBS  
 TOTAL: 28753 LBS (ESTIMATED)

LOCATION #2  
 THE INTENT IN LOCATION #2 IS TO ROUT AND SEAL THE ENTIRE CENTERLINE & AUXILIARY LANE JOINTS, ALL TRANSVERSE CRACKS AND MISCELLANEOUS LONGITUDINAL CRACKS IN THE EXISTING PAVEMENT.  
 LONGITUDINAL: 32238 LBS  
 TRANSVERSE : 1190 LBS  
 TOTAL: 33428 LBS (ESTIMATED)

LOCATION #3  
 THE INTENT IN LOCATION #3 IS TO ROUT AND SEAL THE ENTIRE CENTERLINE & AUXILIARY LANE JOINTS, ALL TRANSVERSE CRACKS AND MISCELLANEOUS LONGITUDINAL CRACKS IN THE EXISTING PAVEMENT.  
 LONGITUDINAL: 55876 LBS  
 TRANSVERSE : 6604 LBS  
 TOTAL: 62480 LBS (ESTIMATED)

LOCATION #4  
 THE INTENT IN LOCATION #4 IS TO ROUT AND SEAL THE ENTIRE CENTERLINE & AUXILIARY LANE JOINTS, ALL TRANSVERSE CRACKS AND MISCELLANEOUS LONGITUDINAL CRACKS IN THE EXISTING PAVEMENT.  
 LONGITUDINAL: 9667 LBS  
 TRANSVERSE : 3384 LBS  
 TOTAL: 13051 LBS (ESTIMATED)

LOCATION #5  
 THE INTENT IN LOCATION #5 IS TO ROUT AND SEAL THE ENTIRE CENTERLINE & AUXILIARY LANE JOINTS, ALL TRANSVERSE CRACKS AND MISCELLANEOUS LONGITUDINAL CRACKS IN THE EXISTING PAVEMENT.  
 LONGITUDINAL: 6713 LBS  
 TRANSVERSE : 2648 LBS  
 TOTAL: 9361 LBS (ESTIMATED)

LOCATION #6  
 THE INTENT IN LOCATION #6 IS TO ROUT AND SEAL THE ENTIRE CENTERLINE & AUXILIARY LANE JOINTS, ALL TRANSVERSE CRACKS AND MISCELLANEOUS LONGITUDINAL CRACKS IN THE EXISTING PAVEMENT.  
 LONGITUDINAL: 4559 LBS  
 TRANSVERSE : 1913 LBS  
 TOTAL: 6472 LBS (ESTIMATED)

LOCATION #7  
 THE INTENT IN LOCATION #7 IS TO ROUT AND SEAL THE ENTIRE CENTERLINE & AUXILIARY LANE JOINTS, ALL TRANSVERSE CRACKS AND MISCELLANEOUS LONGITUDINAL CRACKS IN THE EXISTING PAVEMENT.  
 LONGITUDINAL: 5457 LBS  
 TRANSVERSE : 2015 LBS  
 TOTAL: 7472 LBS (ESTIMATED)

LOCATION #8  
 THE INTENT IN LOCATION #8 IS TO ROUT AND SEAL THE ENTIRE CENTERLINE & AUXILIARY LANE JOINTS, ALL TRANSVERSE CRACKS AND MISCELLANEOUS LONGITUDINAL CRACKS IN THE EXISTING PAVEMENT.  
 LONGITUDINAL: 12934 LBS  
 TRANSVERSE : 5174 LBS  
 TOTAL: 18108 LBS (ESTIMATED)

NOTE: ANY CHANGES TO THE INTENT OF ROUTING AND SEALING AT THE ABOVE LISTED LOCATIONS SHALL BE APPROVED BY THE ENGINEER.

G. N. - 451A (SPECIAL)  
 THE SECTION OF 452.04, WHICH REFERS TO BACKER ROD PLACEMENT, SHALL ALSO APPLY TO THIS CONTRACT. THIS WORK SHALL BE PERFORMED AT THE DISCRETION OF THE ENGINEER IN ORDER TO KEEP THE APPLICATION RATE OF JOINT FILLER AS CLOSE TO THE DESIGN RATE OF 0.40 LBS./FOOT AS POSSIBLE. FURNISHING AND INSTALLING BACKER ROD WHEN REQUIRED BY THE ENGINEER WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

NO COMMITMENTS

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ILLINOIS DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES**

D5 CRACK & JOINT SEAL 2008-2  
 CHAMPAIGN, DOUGLAS & EDGAR COUNTIES

SCALE: NONE  
 DATE: 08/21/07

DRAWN BY: B.B.P.  
 CHECKED BY: M.L.B.

## SUMMARY OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	**	24	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

- D5 CRACK & JOINT SEAL 2008-2
- CHAMPAIGN, DOUGLAS & EDGAR

LOCATION OF WORK: VARIOUS ROUTES  
D5 CRACK & JOINT SEAL 2008-2  
CHAMPAIGN, DOUGLAS, & EDGAR COUNTIES

	CHAMPAIGN CO. RURAL	CHAMPAIGN CO. URBAN	DOUGLAS CO. RURAL	EDGAR CO. RURAL
	100 % STATE	100 % STATE	100 % STATE	100 % STATE
	ROUT & SEAL	ROUT & SEAL	ROUT & SEAL	ROUT & SEAL
CONSTRUCTION TYPE CODE:	F000	F000	F000	F000

CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
45100100	CRACK ROUTING (PAVEMENT)	FOOT	447,812.0	83,570.0	72,210.0	203,953.0	88,079.0
45100200	CRACK FILLING	POUND	179,125.0	33,428.0	28,884.0	81,581.0	35,232.0
67100100	MOBILIZATION	L SUM	1.0	0.2	0.3	0.35	0.15
70100460	TRAFFIC CONTROL AND PROTECTION 701306	L SUM	1.0	0.0	0.1	0.65	0.25
70100700	TRAFFIC CONTROL AND PROTECTION 701406	L SUM	1.0	1.0	0.0	0.0	0.0
70102620	TRAFFIC CONTROL AND PROTECTION 701501	L SUM	1.0	0.0	1.0	0.0	0.0
70102622	TRAFFIC CONTROL AND PROTECTION 701502	L SUM	1.0	0.0	1.0	0.0	0.0
70102625	TRAFFIC CONTROL AND PROTECTION 701606	L SUM	1.0	0.0	1.0	0.0	0.0
70102630	TRAFFIC CONTROL AND PROTECTION 701601	L SUM	1.0	0.0	1.0	0.0	0.0
70102632	TRAFFIC CONTROL AND PROTECTION 701602	L SUM	1.0	0.0	1.0	0.0	0.0
70102635	TRAFFIC CONTROL AND PROTECTION 701701	L SUM	1.0	0.0	1.0	0.0	0.0
• 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,994.0	0.0	1,994.0	0.0	0.0
• 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	33,370.0	6,200.0	1,994.0	13,760.0	11,416.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14.0	14.0	0.0	0.0	0.0

SEE SCHEDULE OF QUANTITIES FOR BREAKOUT BY LOCATION  
• SPECIALTY ITEMS

PLOT DATE = 10/15/2007  
 FILE NAME = C:\PROJETS\70659\70659\SUMMARY\SUMMARY.DGN  
 USER NAME = COLLIER EW

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SUMMARY OF QUANTITIES**

D5 CRACK & JOINT SEAL 2008-2  
CHAMPAIGN, DOUGLAS & EDGAR COUNTIES

SCALE: NONE DRAWN BY: B.B.P.  
DATE: 08/21/07 CHECKED BY: M.L.B.



# SCHEDULE OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	**	24	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- \* D5 CRACK & JOINT SEAL 2008-2
- \*\* CHAMPAIGN, DOUGLAS & EDGAR

LOCATION OF WORK: VARIOUS ROUTES  
D5 CRACK & JOINT SEAL 2008-2  
CHAMPAIGN, DOUGLAS, & EDGAR COUNTIES

CODE NO	ITEM	UNIT	TOTAL QUANTITY	LOCATION:									
				LOCATION #1	LOCATION #2	LOCATION #3	LOCATION #4	LOCATION #5	LOCATION #6	LOCATION #7	LOCATION #8	LOCATION #8	LOCATION #8
45100100	CRACK ROUTING (PAVEMENT)	FOOT	447,812.0	71,882.0	83,570.0	156,200.0	32,627.0	23,403.0	16,180.0	18,681.0	29,072.0	16,197.0	
45100200	CRACK FILLING	POUND	179,125.0	28,753	33,428	62,480	13,051	9,361	6,472	7,472	11,629.0	6,479	
67100100	MOBILIZATION	L SUM	1.0	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.05	0.05	
70100460	TRAFFIC CONTROL AND PROTECTION 701306	L SUM	1.0	0.2	0.0	0.5	0.10	0.00	0.00	0.10	0.05	0.05	
70100700	TRAFFIC CONTROL AND PROTECTION 701406	L SUM	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
70102620	TRAFFIC CONTROL AND PROTECTION 701501	L SUM	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
70102622	TRAFFIC CONTROL AND PROTECTION 701502	L SUM	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
70102625	TRAFFIC CONTROL AND PROTECTION 701606	L SUM	1.0	0.0	0.0	0.0	0.0	0.6	0.4	0.0	0.0	0.0	
70102630	TRAFFIC CONTROL AND PROTECTION 701601	L SUM	1.0	0.0	0.0	0.0	0.5	0.3	0.2	0.0	0.0	0.0	
70102632	TRAFFIC CONTROL AND PROTECTION 701602	L SUM	1.0	0.0	0.0	0.0	0.5	0.3	0.2	0.0	0.0	0.0	
70102635	TRAFFIC CONTROL AND PROTECTION 701701	L SUM	1.0	0.0	0.0	0.0	0.5	0.3	0.2	0.0	0.0	0.0	
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,994.0	0.0	0.0	0.0	1029.0	608.0	357.0	0.0	0.0	0.0	
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	33,370.0	9,636.0	6,200.0	8,466.0	1,029.0	608.0	357.0	2,099.0	3195.0	1780.0	
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	14.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

PLOT DATE = 10/15/2007  
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 USER NAME = collierdw

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES**

D5 CRACK & JOINT SEAL 2008-2  
CHAMPAIGN, DOUGLAS & EDGAR COUNTIES

SCALE: NONE DRAWN BY: B.B.P.  
DATE: 08/21/07 CHECKED BY: M.L.B.

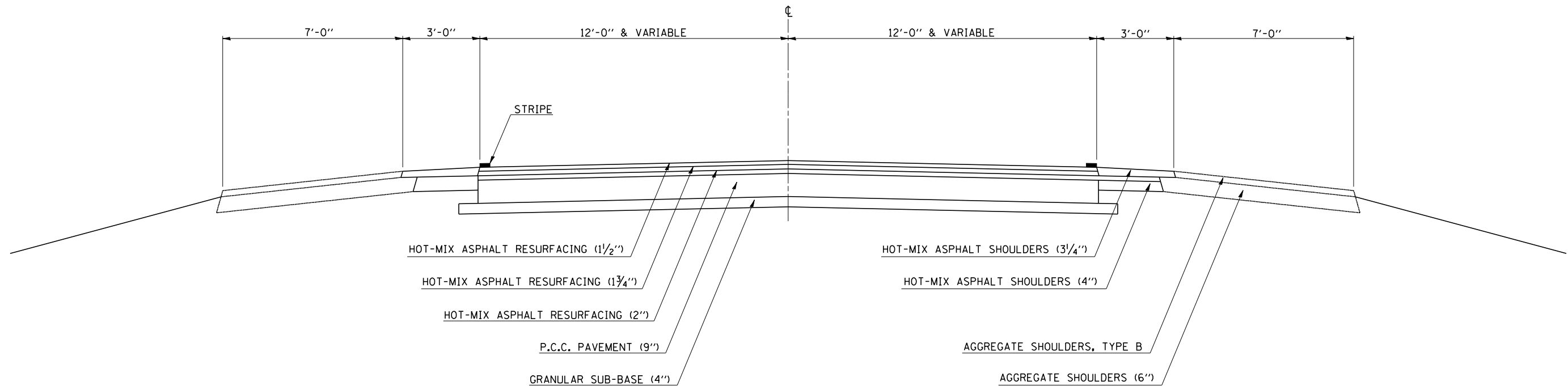
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	**	24	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- \* D5 CRACK & JOINT SEAL 2008-2
- \*\* CHAMPAIGN, DOUGLAS & EDGAR

# EXISTING TYPICAL CROSS SECTION IL 1 ①

## LOCATION #1

STATION 212+85.00 TO STATION 694+63.00



PLOT DATE = 10/15/2007  
 FILE NAME = c:\projects\0503107 (v8)\70659\sheet1.dgn  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = collierdw

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**LOCATION #1**  
 D5 CRACK & JOINT SEAL 2008-2  
 CHAMPAIGN, DOUGLAS & EDGAR  
 COUNTIES  
 SCALE: NOT TO SCALE DRAWN BY: B.B.P.  
 DATE: 10/10/07 CHECKED BY: M.L.B.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	**	24	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

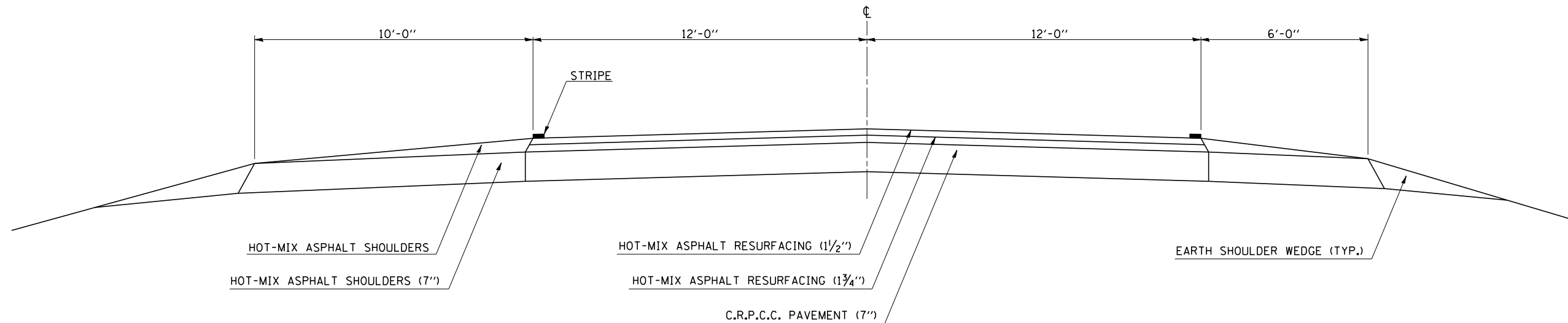
- \* D5 CRACK & JOINT SEAL 2008-2
- \*\* CHAMPAIGN, DOUGLAS & EDGAR

STATION EQUATION:  
 STATION 1502+40.24 (BK.) = STATION 1502+35.17 (AH.)

## EXISTING TYPICAL CROSS SECTION I-57 (2)

### LOCATION #2

STATION TO STATION  
 1339+26.00 1502+40.24 (BK.)  
 1502+35.17 (AH.) 1649+18.87



PLOT DATE = 10/15/2007  
 FILE NAME = c:\projects\70659\sheet\70659sheet.dgn  
 USER NAME = collierdw

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**LOCATION #2**  
 D5 CRACK & JOINT SEAL 2008-2  
 CHAMPAIGN, DOUGLAS & EDGAR  
 COUNTIES  
 SCALE: NOT TO SCALE DRAWN BY: B.B.P.  
 DATE: 10/10/07 CHECKED BY: M.L.B.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	**	24	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- \* D5 CRACK & JOINT SEAL 2008-2
- \*\* CHAMPAIGN, DOUGLAS & EDGAR

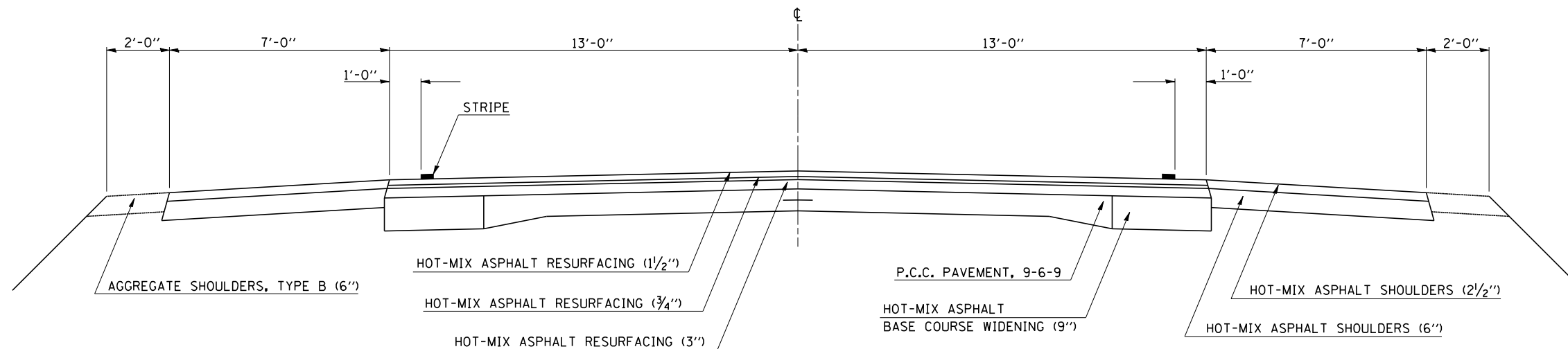
# EXISTING TYPICAL CROSS SECTION IL 133

3

ROUT & SEAL OMISSION:  
STATION 243+50.00 TO STATION 252+50.00

## LOCATION #3

STATION	TO	STATION
61+00.00		240+63.18 (BK.)
240+68.62 (AH.)		243+50.00
252+50.00		476+61.84 (BK.)
488+87.90 (AH.)		505+62.02



PLOT DATE = 10/15/2007  
 FILE NAME = c:\projects\0503107 (v8)\70659\sheet.dgn  
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 USER NAME = collierdw

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**LOCATION #3**  
 D5 CRACK & JOINT SEAL 2008-2  
 CHAMPAIGN, DOUGLAS & EDGAR  
 COUNTIES  
 SCALE: NOT TO SCALE  
 DATE: 10/10/07  
 DRAWN BY: B.B.P.  
 CHECKED BY: M.L.B.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	.	**	24	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- D5 CRACK & JOINT SEAL 2008-2
- CHAMPAIGN, DOUGLAS & EDGAR

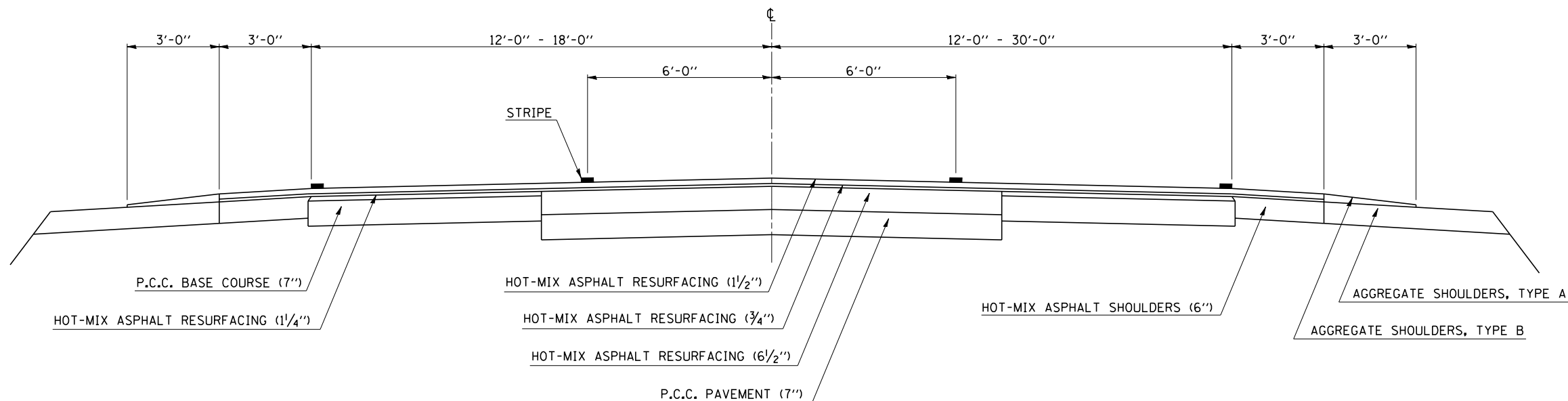
STATION EQUATION:  
 STATION 64+55.00 (BK.) = STATION 278+34.50 (AH.)

RAILROAD OMISSION:  
 STATION 89+78.00 TO STATION 89+28.00  
 STATION 76+73.00 TO STATION 74+60.00

### EXISTING TYPICAL CROSS SECTION IL 10 (4A)

LOCATION #4

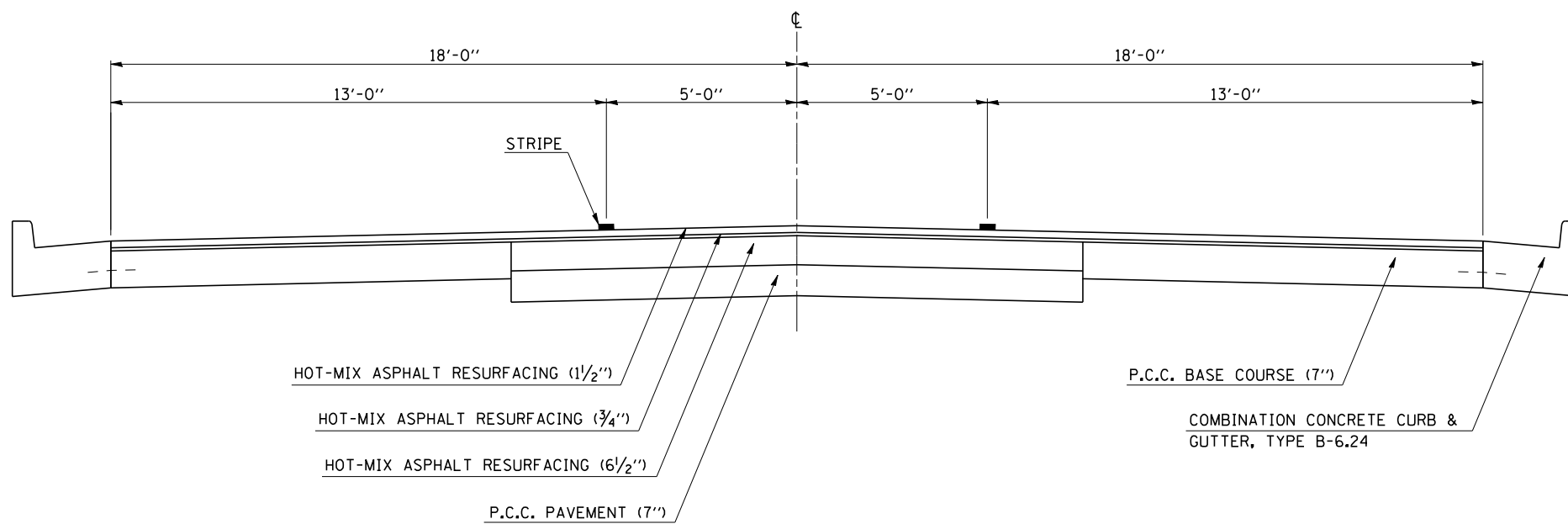
STATION	TO	STATION
132+10.85		89+78.00
89+28.00		76+73.00
74+60.00		64+55.00 (BK.)
278+34.50 (AH.)		279+78.50 (4B)



### EXISTING TYPICAL CROSS SECTION IL 10 (4B)

LOCATION #4

STATION	TO	STATION
(4A) 279+78.50		311+45.00 (4C)



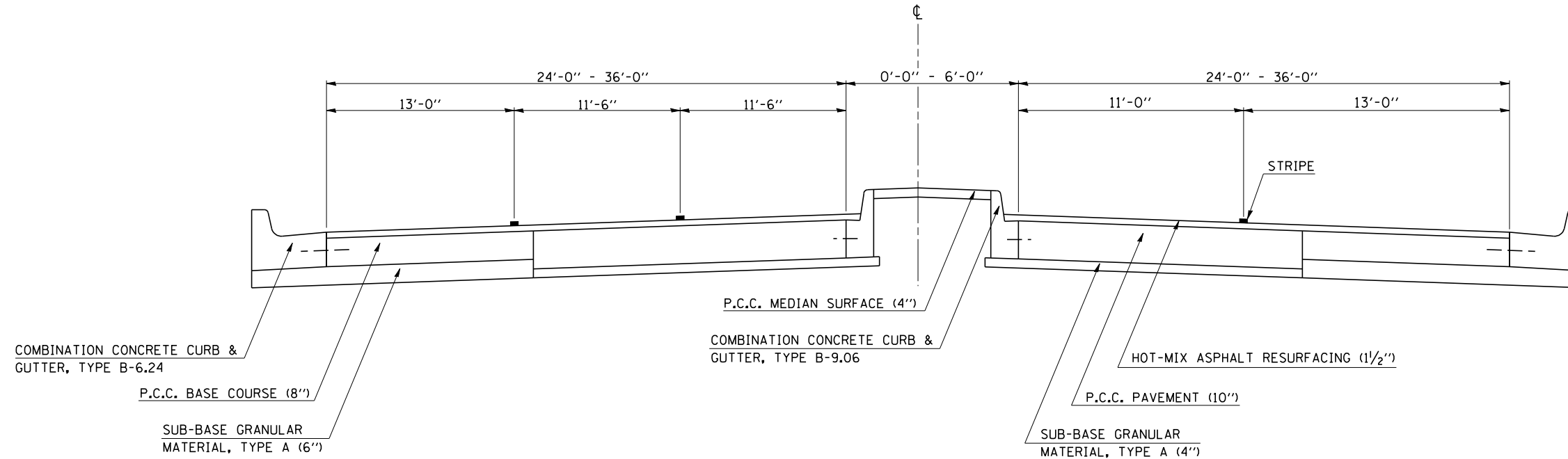
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**LOCATION #4**  
 D5 CRACK & JOINT SEAL 2008-2  
 CHAMPAIGN, DOUGLAS & EDGAR  
 COUNTIES

SCALE: NOT TO SCALE  
 DATE: 10/10/07  
 DRAWN BY: B.B.P.  
 CHECKED BY: M.L.B.

**EXISTING TYPICAL CROSS SECTION IL 10 4C**

LOCATION #4

STATION TO STATION  
 ④B 311+45.00 316+35.63



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	.	**	24	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- D5 CRACK & JOINT SEAL 2008-2
- CHAMPAIGN, DOUGLAS & EDGAR

PLOT DATE = 10/15/2007  
 FILE NAME = c:\projects\0503107 (v8)\70659\sheet\sheet.dgn  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = collierdw

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**LOCATION #4**  
 D5 CRACK & JOINT SEAL 2008-2  
 CHAMPAIGN, DOUGLAS & EDGAR  
 COUNTIES  
 SCALE: NOT TO SCALE DRAWN BY: B.B.P.  
 DATE: 10/10/07 CHECKED BY: M.L.B.

**EXISTING TYPICAL CROSS SECTION U.S. 150 5A**

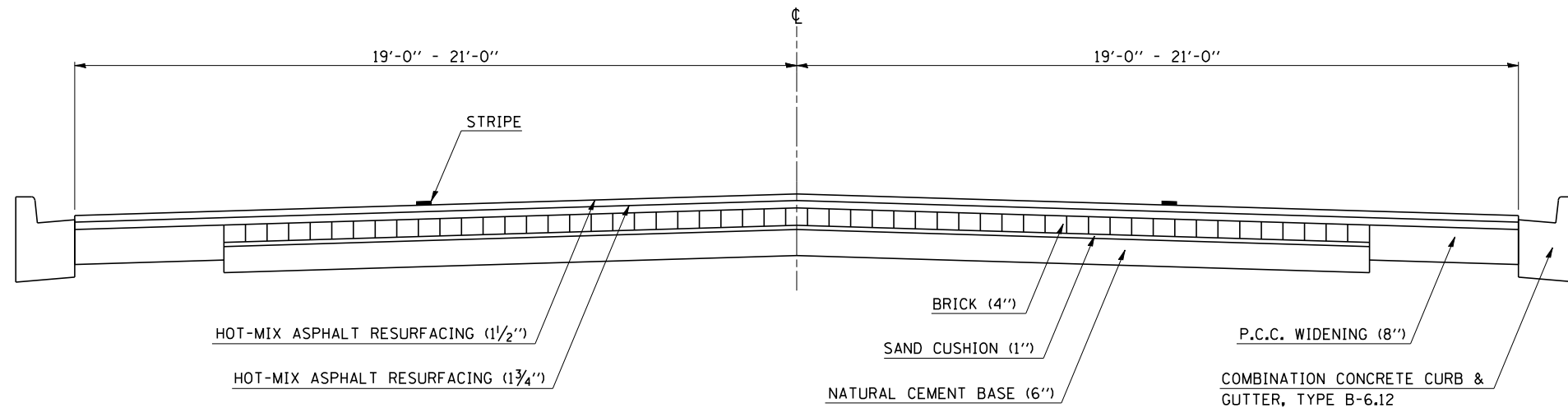
LOCATION #5

STATION	TO	STATION
102+82.00		136+38.15
136+88.15		148+13.50 5B

RAILROAD OMISSION:  
STATION 136+38.15 TO STATION 136+88.15

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	.	**	24	15

- D5 CRACK & JOINT SEAL 2008-2
- CHAMPAIGN, DOUGLAS & EDGAR

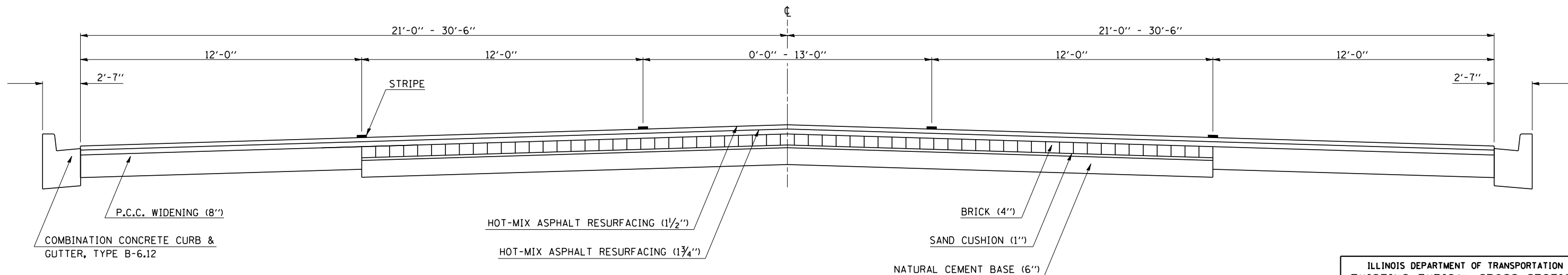


**EXISTING TYPICAL CROSS SECTION U.S. 150 5B**

LOCATION #5

STATION	TO	STATION
5A 148+13.50		154+92.55
155+42.55		164+57.48

RAILROAD OMISSION:  
STATION 154+92.55 TO STATION 155+42.55



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**LOCATION #5**  
D5 CRACK & JOINT SEAL 2008-2  
CHAMPAIGN, DOUGLAS & EDGAR  
COUNTIES  
SCALE: NOT TO SCALE DRAWN BY: B.B.P.  
DATE: 10/10/07 CHECKED BY: M.L.B.

PLOT DATE = 10/15/2007  
FILE NAME = c:\projects\0503107 (v8)\70659\plansheets.dgn  
PLOT SCALE = 1/8" = 1'-0"  
USER NAME = collierdw

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	**	24	16

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

- D5 CRACK & JOINT SEAL 2008-2
- CHAMPAIGN, DOUGLAS & EDGAR

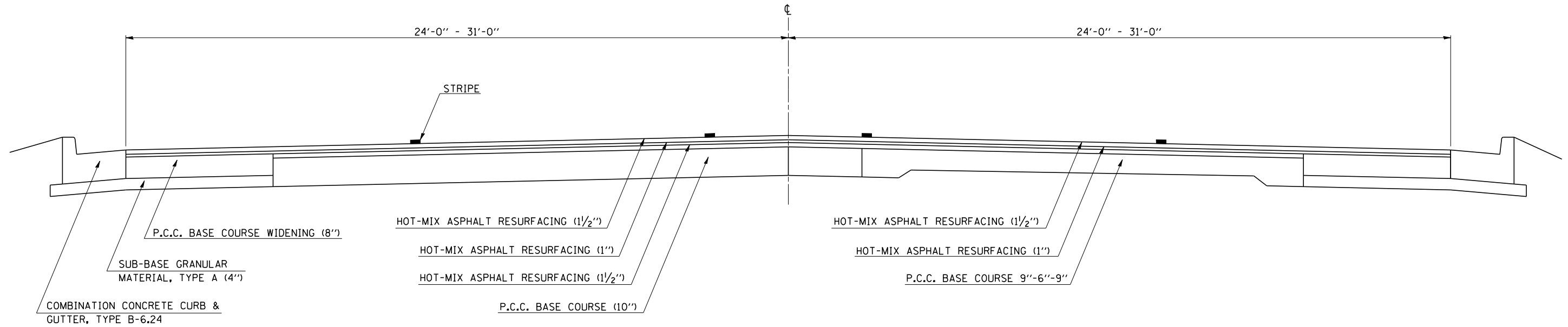
**STATION EQUATION:**  
 STATION 675+75.80 (BK.) TO STATION 2235+88.10 (AH.)  
 STATION 5609+88.41 (BK.) TO STATION 690+77.07 (AH.)

**ROUT & SEAL OMISSION:**  
 STATION 2241+78.16 TO STATION 5605+91.58

**EXISTING TYPICAL CROSS SECTION U.S. 45 (6A)**

LOCATION #6

STATION TO STATION  
 661+73.29 675+75.80 (BK.)  
 2235+88.10 (AH.) 2241+78.16 (6B)  
 (6B) 5609+88.41 (BK.) = 690+77.07 (AH.) 702+61.44

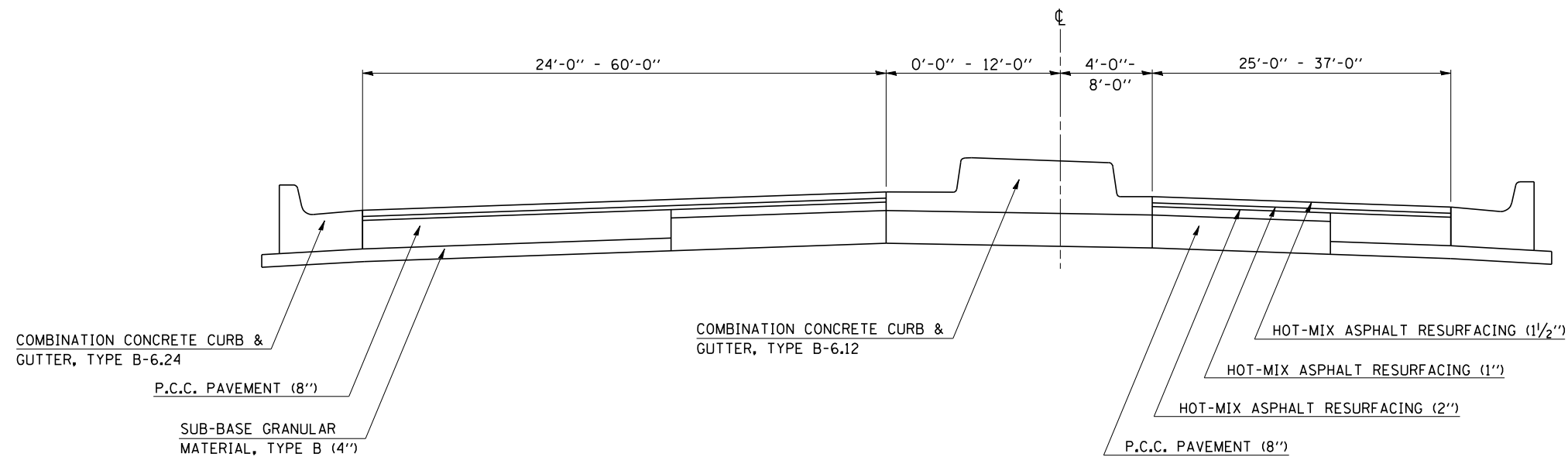


**EXISTING TYPICAL CROSS SECTION U.S. 45 (6B)**

LOCATION #6

**STATION EQUATION:**  
 STATION 5609+88.41 (BK.) = STATION 690+77.07 (AH.)

STATION TO STATION  
 (6B) 5605+91.58 5609+88.41 (BK.) = 690+77.07 (AH.) (6B)



ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**LOCATION #6**  
 D5 CRACK & JOINT SEAL 2008-2  
 CHAMPAIGN, DOUGLAS & EDGAR  
 COUNTIES

SCALE: NOT TO SCALE DRAWN BY: B.B.P.  
 DATE: 10/10/07 CHECKED BY: M.L.B.

PLOT DATE = 10/15/2007  
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 USER NAME = collierfw



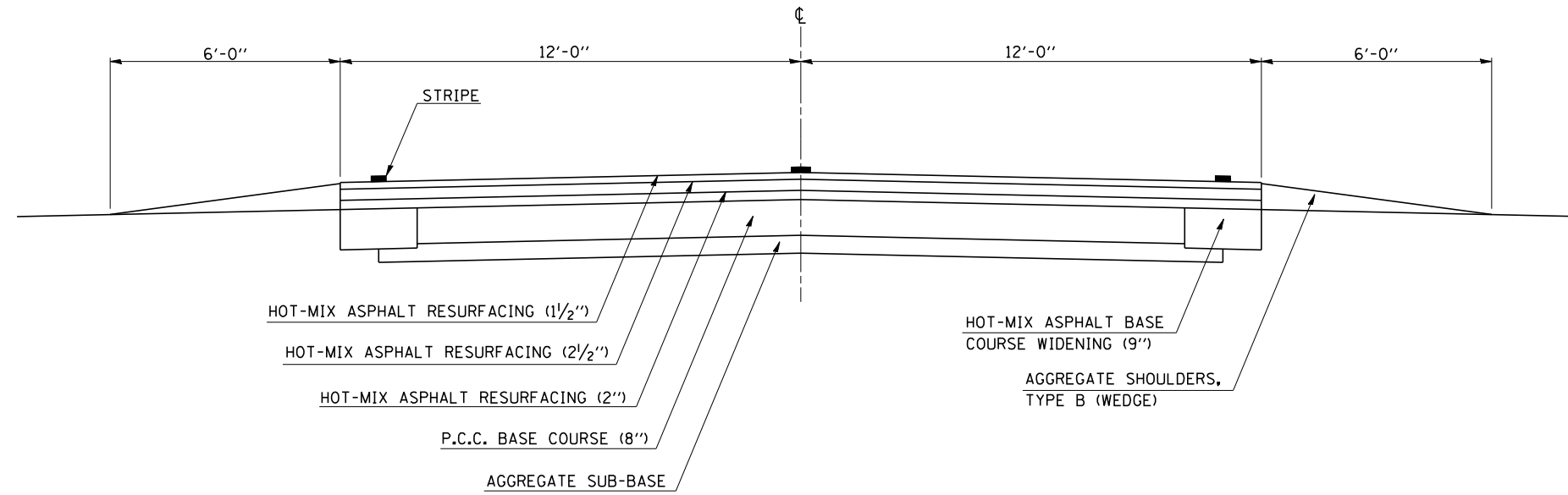
# EXISTING TYPICAL CROSS SECTION IL 130 (7)

## LOCATION #7

STATION TO STATION  
110+05.00 215+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	**	24	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- D5 CRACK & JOINT SEAL 2008-2
- CHAMPAIGN, DOUGLAS & EDGAR



PLOT DATE = 10/15/2007  
 FILE NAME = c:\projects\050307 (v8)\70659\sheet.dgn  
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 USER NAME = collierdw

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**LOCATION #7**  
 D5 CRACK & JOINT SEAL 2008-2  
 CHAMPAIGN, DOUGLAS & EDGAR  
 COUNTIES  
 SCALE: NOT TO SCALE DRAWN BY: B.B.P.  
 DATE: 10/10/07 CHECKED BY: M.L.B.

# EXISTING TYPICAL CROSS SECTION IL 133 8

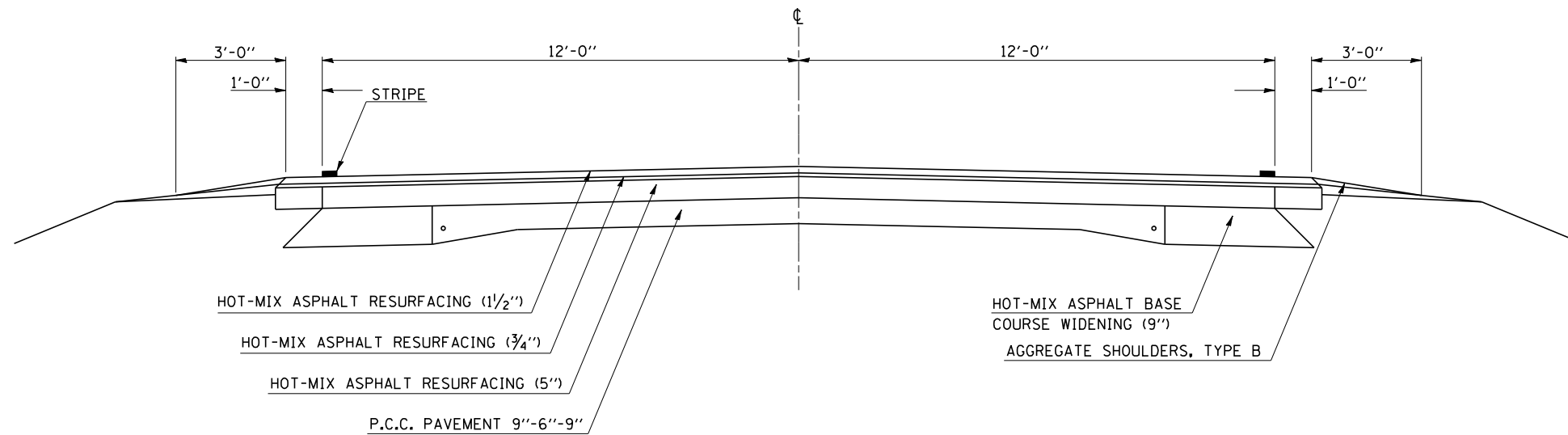
## LOCATION #8

STATION TO STATION  
 550+21.00 709+94.50 (BK.) = 710+00.00 (AH.)  
 991+50.50 1080+50.00

ROUT & SEAL OMISSION:  
 STATION 709+94.50 (BK.) = 710+00.00 (AH.) TO  
 STATION 991+50.50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	**	24	18
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• D5 CRACK & JOINT SEAL 2008-2  
 •• CHAMPAIGN, DOUGLAS & EDGAR



PLOT DATE = 10/15/2007  
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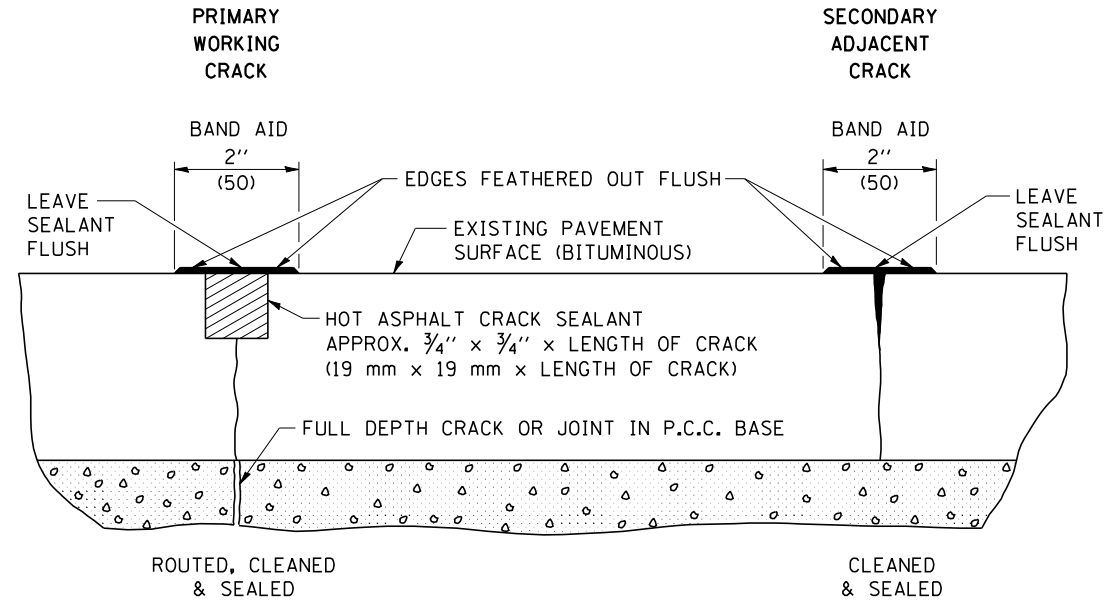
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**LOCATION #8**  
 D5 CRACK & JOINT SEAL 2008-2  
 CHAMPAIGN, DOUGLAS & EDGAR  
 COUNTIES  
 SCALE: NOT TO SCALE DRAWN BY: B.B.P.  
 DATE: 10/10/07 CHECKED BY: M.L.B.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	.	**	24	19

- D5 CRACK & JOINT SEAL 2008-2
- CHAMPAIGN, DOUGLAS & EDGAR

### HMA PAVEMENT

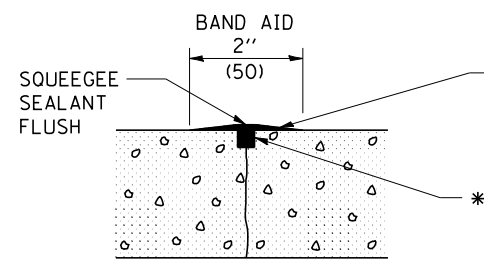
(USE PAY ITEMS : 45100100 CRACK ROUTING (PAVEMENT) AND 45100200 CRACK FILLING)



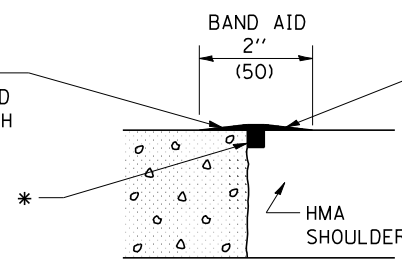
### CRACK AND JOINT SEALING

(USE PAY ITEMS : 45200100 JOINT OR CRACK ROUTING (P.C.C. PAVEMENT & SHOULDERS) AND 45200300 JOINT OR CRACK FILLING)

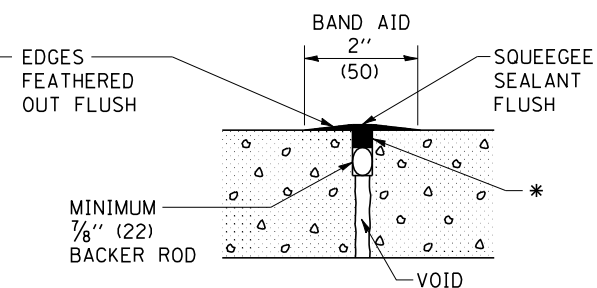
#### TRANSVERSE CRACKS AND JOINTS AND CENTERLINE JOINT



#### LONGITUDINAL SHOULDER JOINT

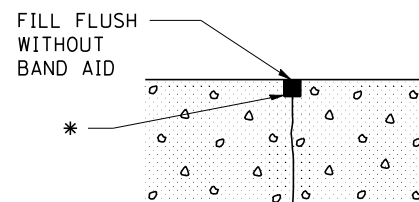


#### ANY WIDE LONGITUDINAL JOINT OR CRACK

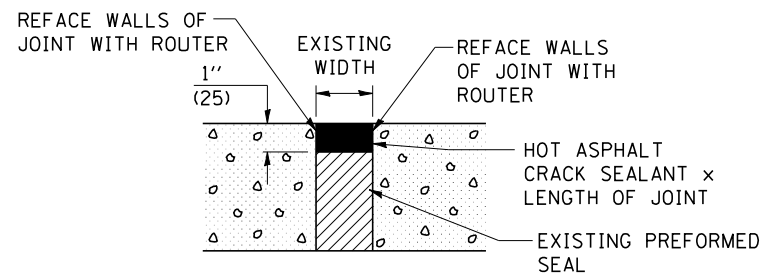


\* HOT ASPHALT CRACK SEALANT APPROX. 3/4" x 3/4" x LENGTH OF CRACK (19 mm x 19 mm x LENGTH OF CRACK)

#### LONGITUDINAL RANDOM CRACK



#### TRANSVERSE EXPANSION JOINT



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

DATE	REVISIONS	NAME
08-16-07	METRIC CORRECTIONS	K.A.G.
12-13-06	RENUMBERED/COMBINED X-2,03 & X-2,04 & X-2,05 MISC. REV.	T.J.B.

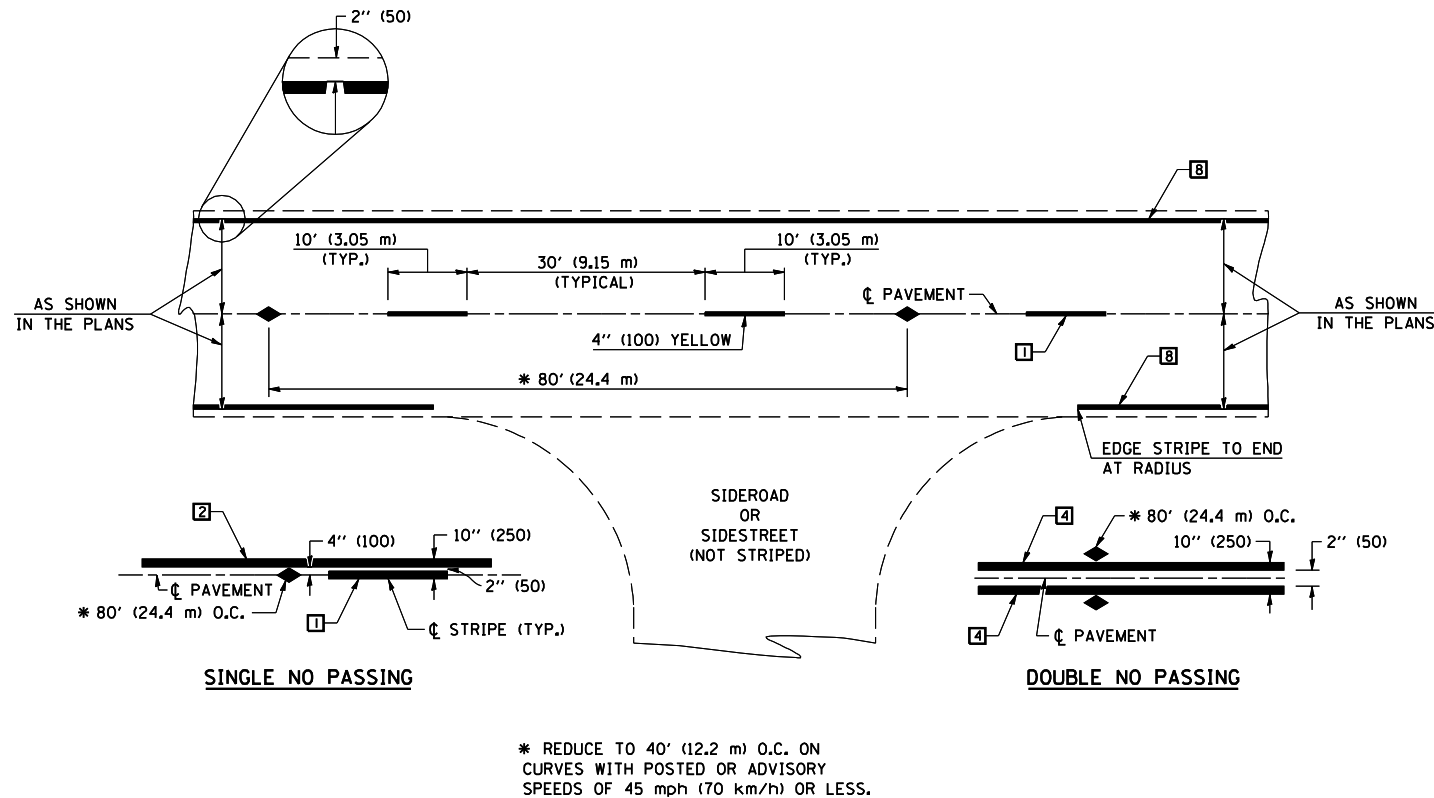
ILLINOIS DEPARTMENT OF TRANSPORTATION

## CRACK AND JOINT SEALING

DISTRICT 5 DETAIL NO. 45AAAAAA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	.	**	24	20

- D5 CRACK & JOINT SEAL 2008-2
- \*\* CHAMPAIGN, DOUGLAS & EDGAR



\* 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**

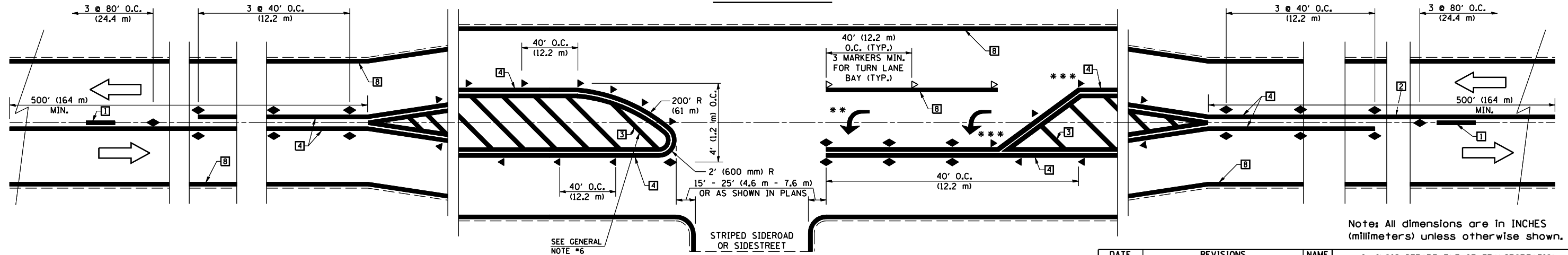
**TYPICAL PAVEMENT MARKING LEGEND**

- 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**



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

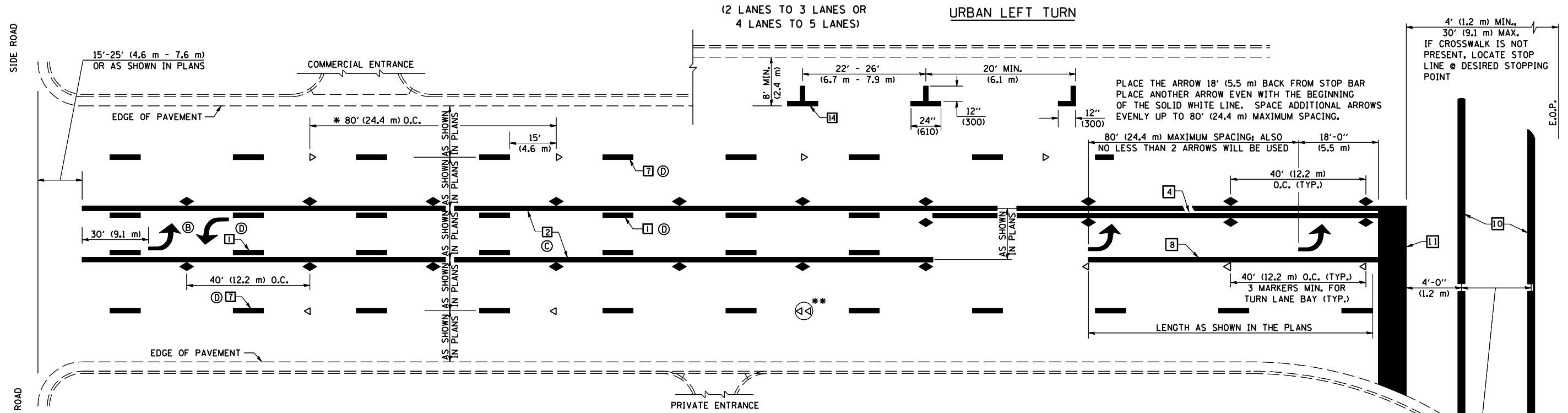
- \*\*\* REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.
- \*\* TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

DATE	REVISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
11/06	REPLACED DETAIL F-5.25	TJB	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
			DISTRICT 5 DETAIL NO. 7800AAAA

PLOT DATE = 10/15/2007  
 FILE NAME = c:\projects\70659\sheet20.dgn  
 PLOT SCALE = 42.3525' / IN.  
 USER NAME = collierb

F.A. RTE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	.	**	24	21

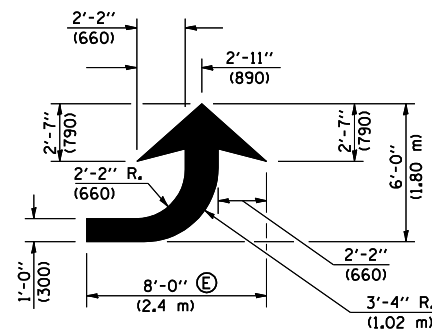
- D5 CRACK & JOINT SEAL 2008-2
- CHAMPAIGN, DOUGLAS & EDGAR



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

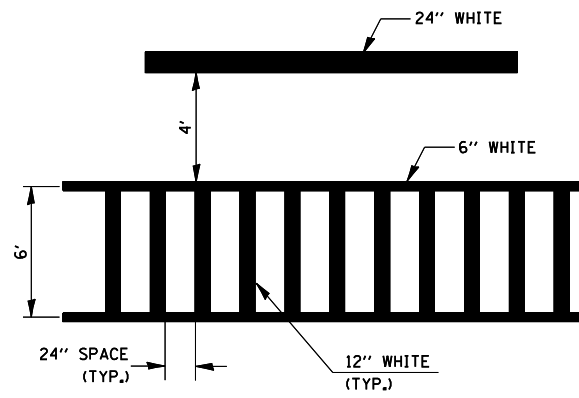
\*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

**BLOOMINGTON-NORMAL CITY LIMITS ONLY**

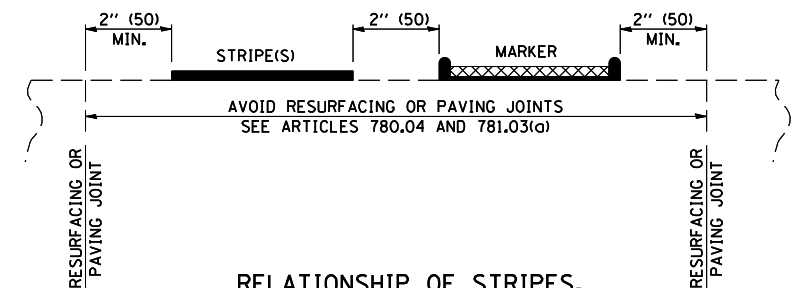


**LEFT ARROW**

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



**TYPICAL SPACING FOR CROSSWALKS & STOP BARS**

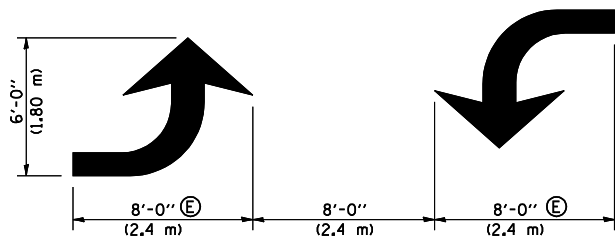


**RELATIONSHIP OF STRIPES, MARKERS AND JOINTS**

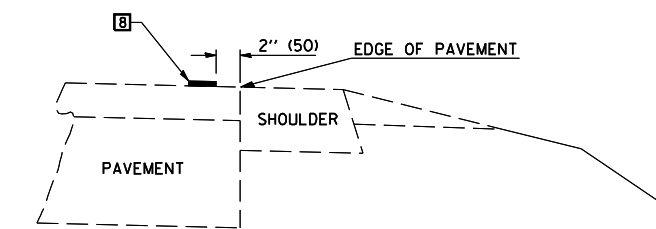
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**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)



**TYPICAL DOUBLE TURN ARROWS (WHITE)**



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

DATE	REVISIONS	NAME
11/06	REPLACED DETAIL F-5.25	TJB

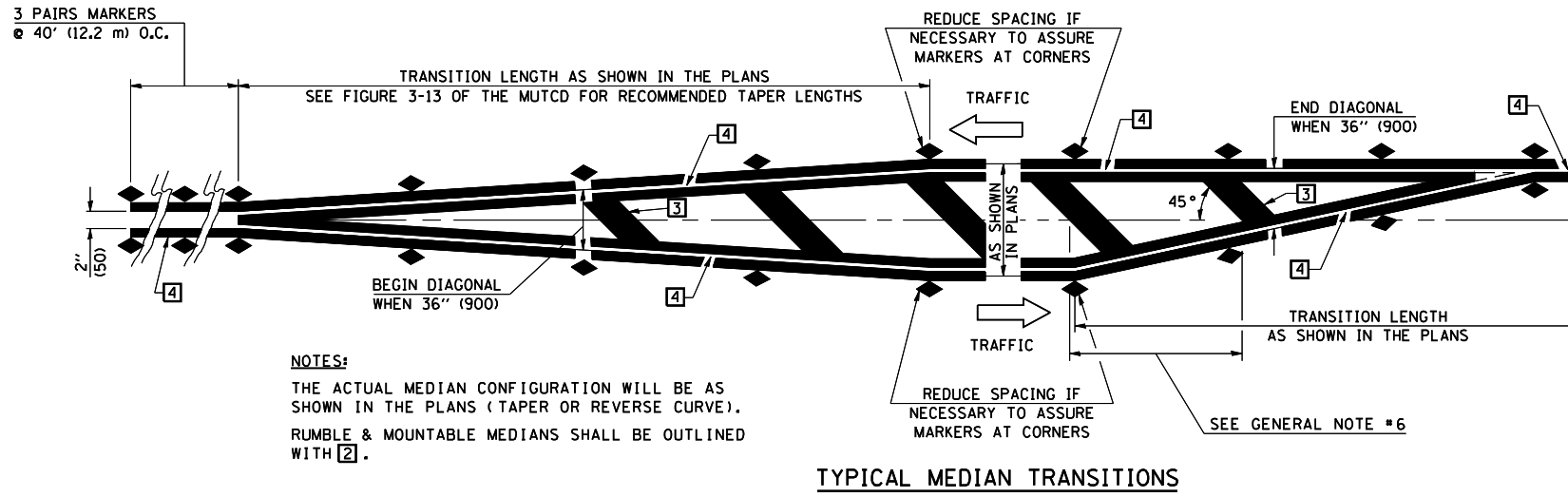
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)**  
**DISTRICT 5 DETAIL NO. 7800AAA**

F.A. RTE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	.	**	24	22

- D5 CRACK & JOINT SEAL 2008-2
- CHAMPAIGN, DOUGLAS & EDGAR

**GENERAL NOTES**

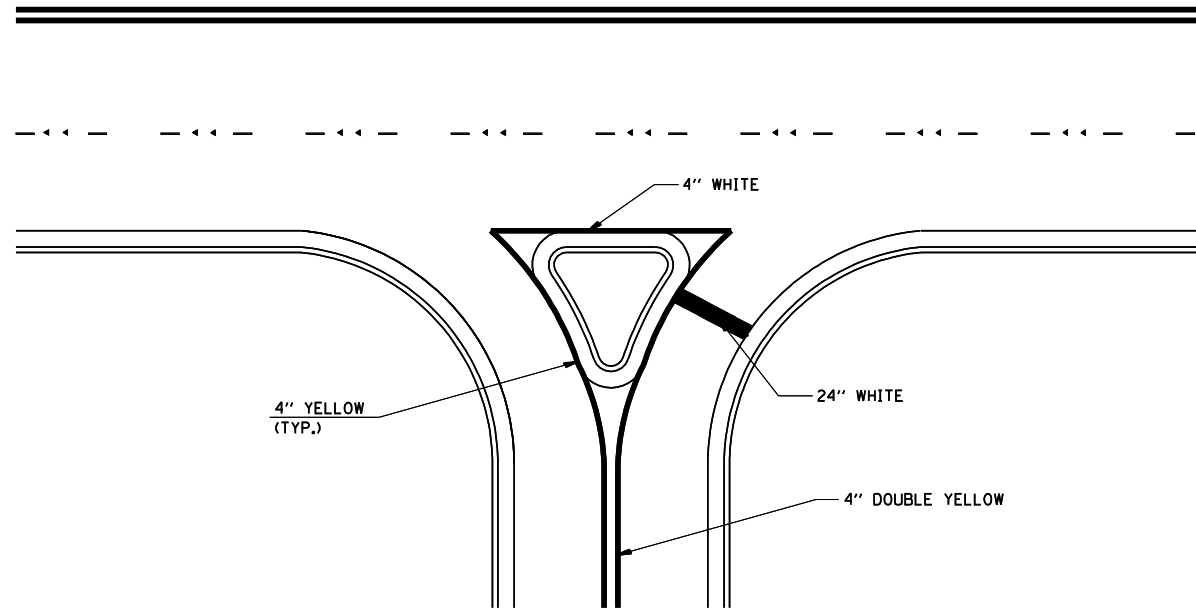
1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND 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)



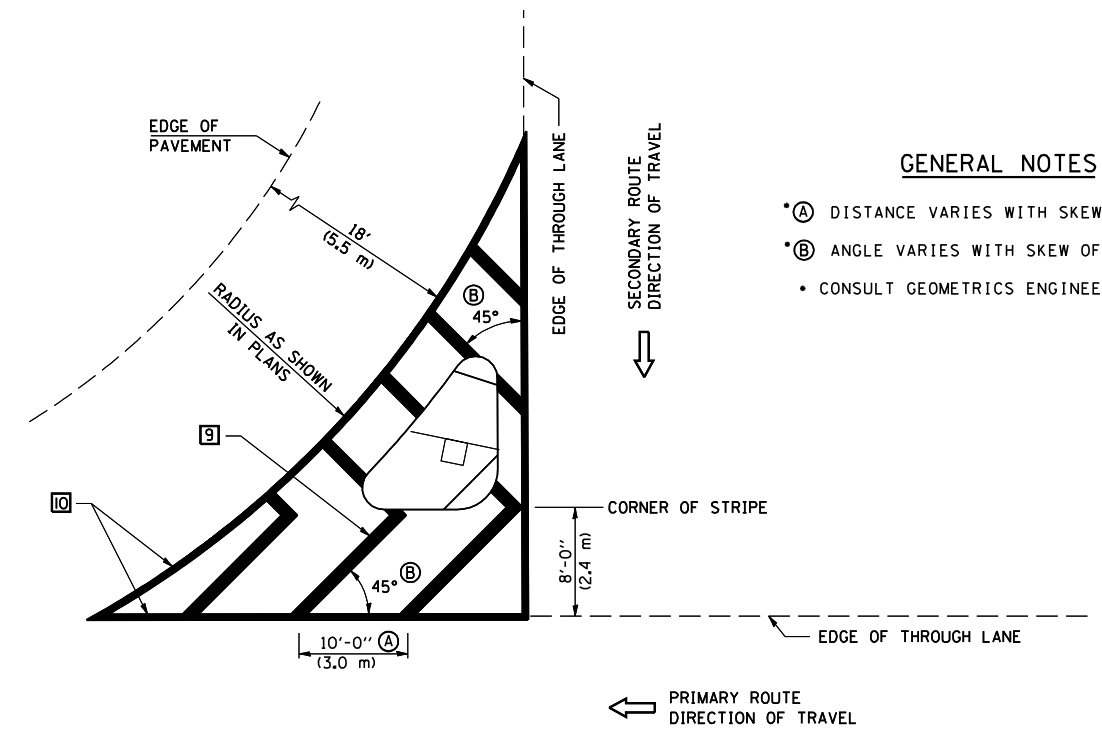
**NOTES:**

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**



**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.

DATE	REVISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
11/06	REPLACED DETAIL F-5.25	TJB	<b>PAVEMENT MARKING AND MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>
			<b>DISTRICT 5 DETAIL NO. 7800AAAA</b>

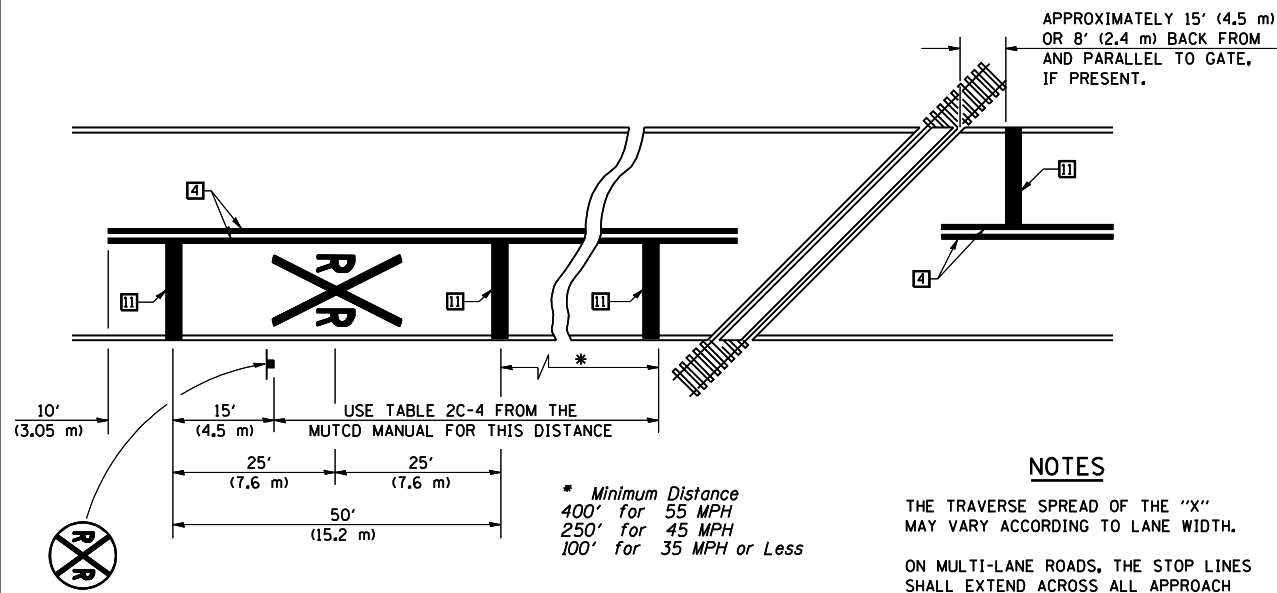
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 FILE NAME = c:\projects\70659\sheet22.dgn  
 PLOT SCALE = 42.3525 / IN.  
 USER NAME = collierb

F.A. RTE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	.	**	24	23

- D5 CRACK & JOINT SEAL 2008-2
- CHAMPAIGN, DOUGLAS & EDGAR

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

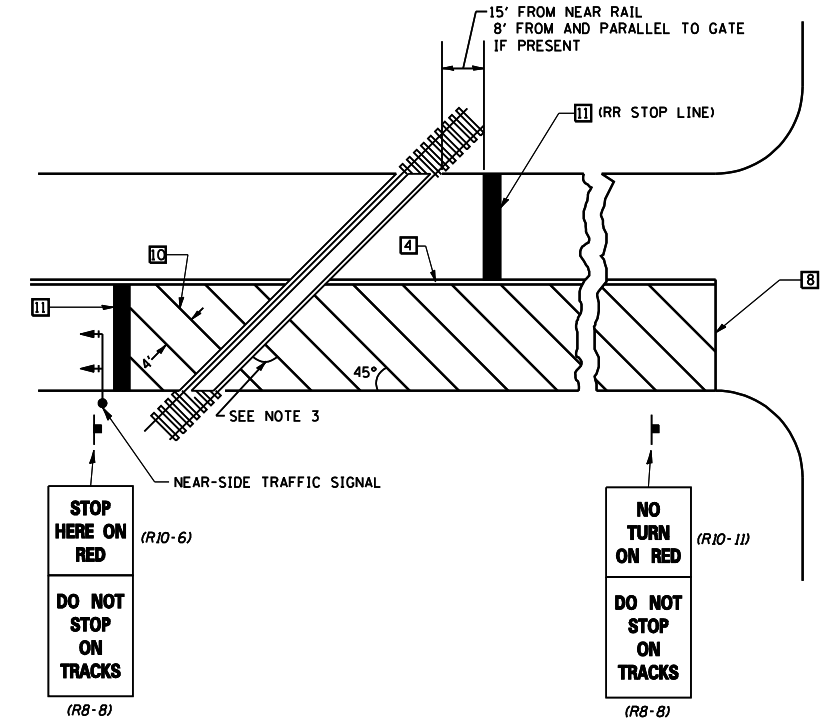
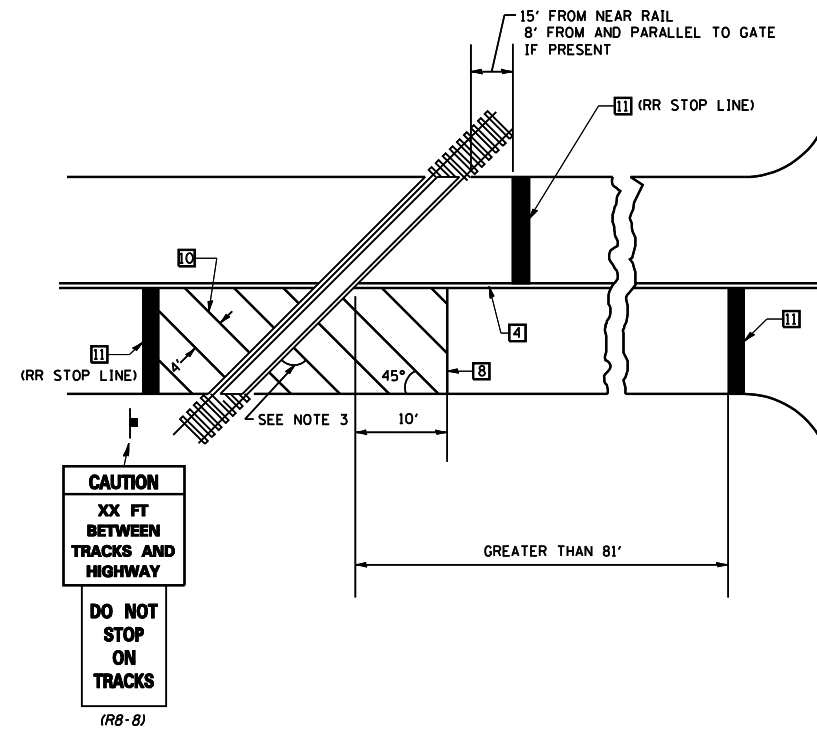
NOTES

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.

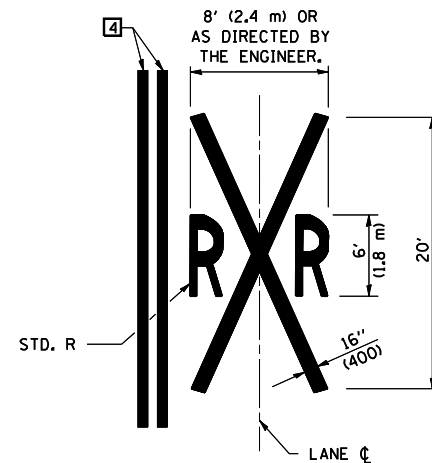
\* Minimum Distance  
 400' for 55 MPH  
 250' for 45 MPH  
 100' for 35 MPH or Less



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
3. WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.



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

DATE	REVISIONS	NAME
11/06	REPLACED DETAIL F-5.25	TJB

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

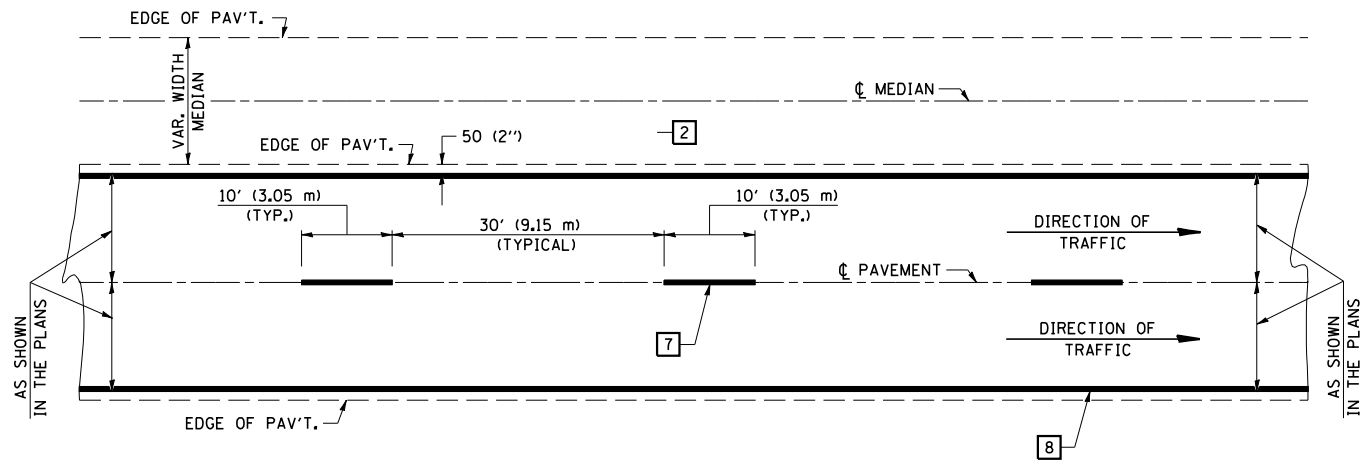
DISTRICT 5 DETAIL NO. 7800AAAA

PLOT DATE = 10/15/2007  
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 USER NAME = collierb

F.A. RTE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	.	**	24	24

• D5 CRACK & JOINT SEAL 2008-2  
 \*\* CHAMPAIGN, DOUGLAS & EDGAR

**CENTERLINE INTERSTATE OR MULTI-LANE TWO WAY DIVIDED HIGHWAY**

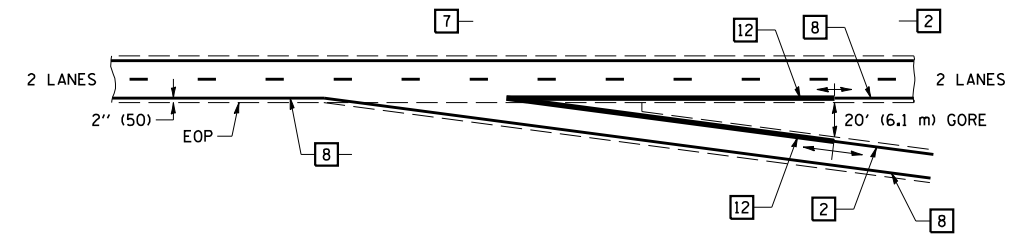


NOTE: PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.

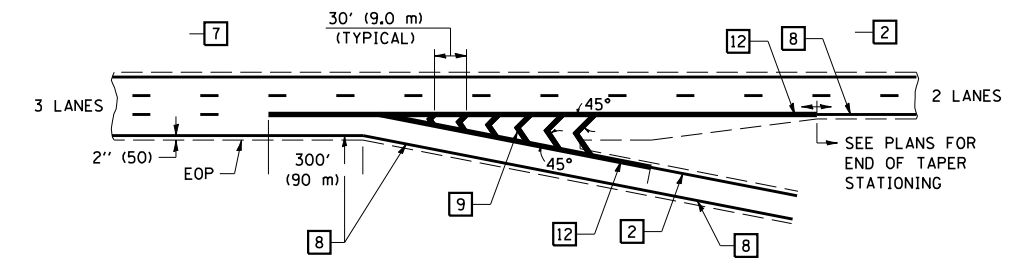
NOTE: SEE ARTICLES 780.04 & 781.03 FOR LOCATION OF STRIPES AND MARKERS RELATIVE TO EDGES OR JOINTS.

FOR RAISED REFLECTIVE PAVEMENT MARKERS, REFER TO STANDARD 781001.

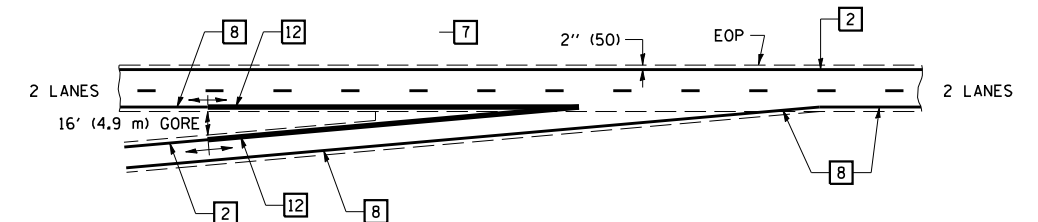
**TYPICAL EXIT RAMP TERMINAL**



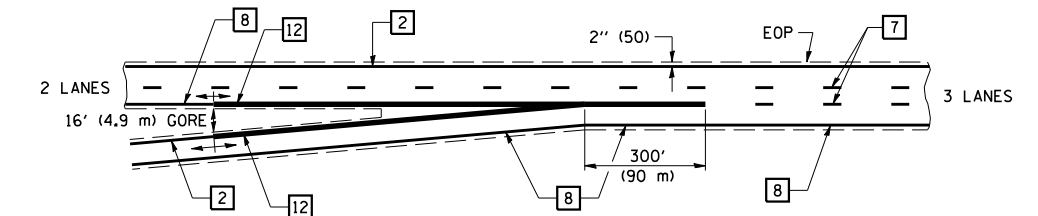
**EXIT RAMP TERMINAL with EXCLUSIVE (auxiliary) LANE**



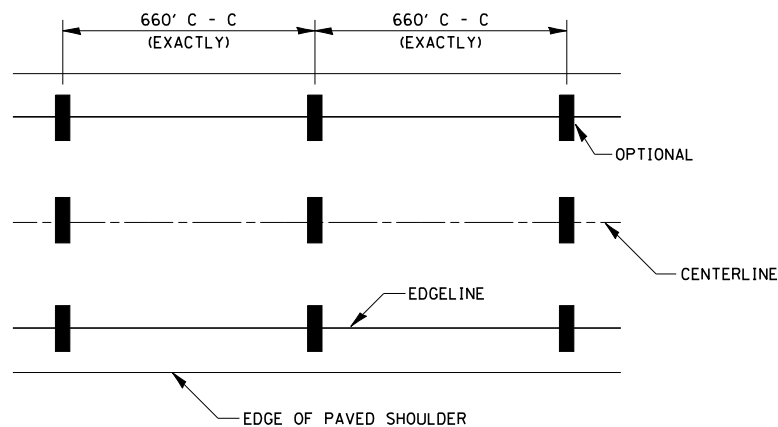
**TYPICAL ENTRANCE RAMP TERMINAL**



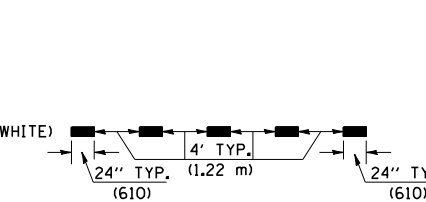
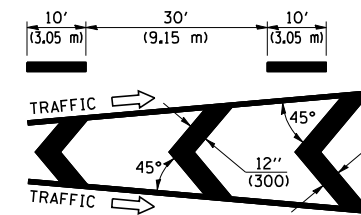
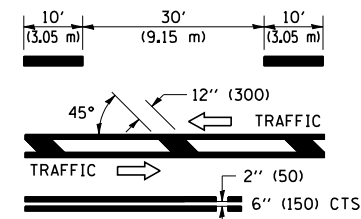
**ENTRANCE RAMP TERMINAL with EXCLUSIVE LANE**



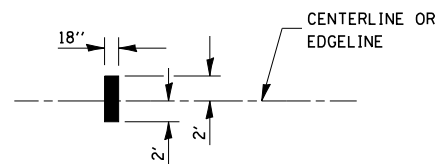
**TYPICAL PAVEMENT MARKING LEGEND**



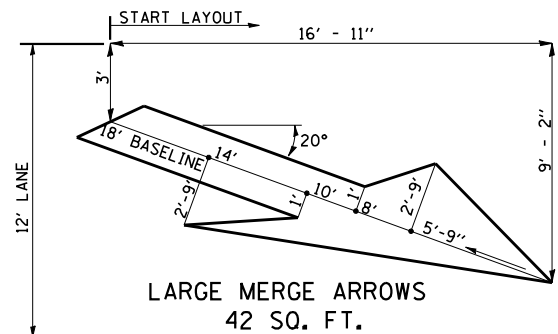
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)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



IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF MEASUREMENT CAN BE ATTESTED TO IN COURT.



**AERIAL SPEED CHECK ZONES**



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

DATE	REVISIONS	NAME
11/06	REPLACED DETAIL F-5.22	TJB

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING  
 (INTERSTATE & MULTI-LANE APPLICATIONS)**  
**DISTRICT 5 DETAIL NO. 7800BBBB**