

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	1

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

D-95-030-07



LOCATION OF SECTION INDICATED THUS: - [shaded box] -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

**PROPOSED  
 HIGHWAY PLANS**

ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES

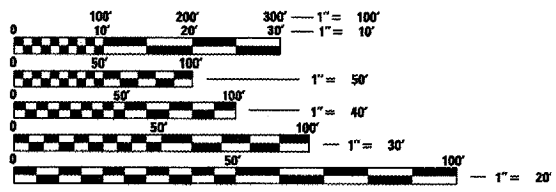
C-95-030-07  
 CRACK & JOINT SEALING

SEE SHEETS 3 - 8 FOR LOCATION MAPS

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 11

CURRENT ADT:		
LOCATION #1		1,500 (2007)
LOCATION #2	LEG "A"	1,850 (2007)
	LEG "B"	3,000 (2007)
LOCATION #3	LEG "A"	28,800 (2007)
	LEG "B"	32,800 (2007)
	LEG "C"	38,800 (2007)
	LEG "D"	41,200 (2007)
LOCATION #4	LEG "A"	4,550 (2007)
	LEG "B"	4,200 (2007)
LOCATION #5		2,700 (2007)
LOCATION #6		4,200 (2007)

**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

FOR TOTAL & NET LENGTHS, SEE SHEETS 3 - 8

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED 007 7 20 07  
 [Signature]  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Dec 4, 20 07  
 Eric E. Harn/Ⓟ  
 ENGINEER OF DESIGN AND ENVIRONMENT

Dec 7, 20 07  
 Christine M. Reed/Ⓟ  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

DESIGNER: DANA HENNESS  
 SQUAD LEADER: MICHAEL LEROY  
 PROJECT ENGINEER: KEVIN TRAPP  
 (217)465-4181

PLOT DATE: 9/27/2007  
 PLOT SCALE: 43.3000  
 USER NAME: collierbu

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	2

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

## INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS / LIST OF HIGHWAY STANDARDS
3	LOCATION MAP - LOCATION #1
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5	LOCATION MAP - LOCATION #3
6	LOCATION MAP - LOCATION #4
7	LOCATION MAP - LOCATION #5
8	LOCATION MAP - LOCATION #6
9-10	GENERAL NOTES
11	SUMMARY OF QUANTITIES
12	SCHEDULE OF QUANTITIES
13	EXISTING TYPICAL CROSS SECTIONS - LOCATION #1
14	EXISTING TYPICAL CROSS SECTIONS - LOCATIONS #1 & #2
15-18	EXISTING TYPICAL CROSS SECTIONS - LOCATION #2
19-24	EXISTING TYPICAL CROSS SECTIONS - LOCATION #3
25	EXISTING TYPICAL CROSS SECTIONS - LOCATION #4
26	EXISTING TYPICAL CROSS SECTIONS - LOCATION #5
27	EXISTING TYPICAL CROSS SECTIONS - LOCATION #6
28	DETAIL FOR CRACK AND JOINT SEALING
29-32	DETAIL FOR PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
33-35	DETAIL FOR PAVEMENT MARKING (MCLEAN COUNTY "SPOT" IMPROVEMENTS ONLY)

## LIST OF HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS $\geq$ 45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701426-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS $\geq$ 45 MPH
701601-05	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-05	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS

PLOT DATE: 08/23/07  
 FILE NAME: 08230701.DWG  
 USER: JHP  
 PLOTTER: HP DesignJet 5000

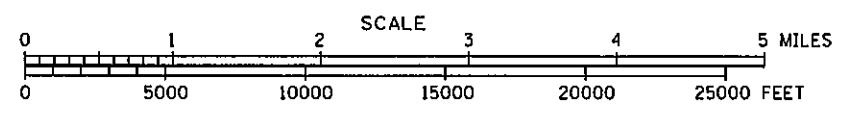
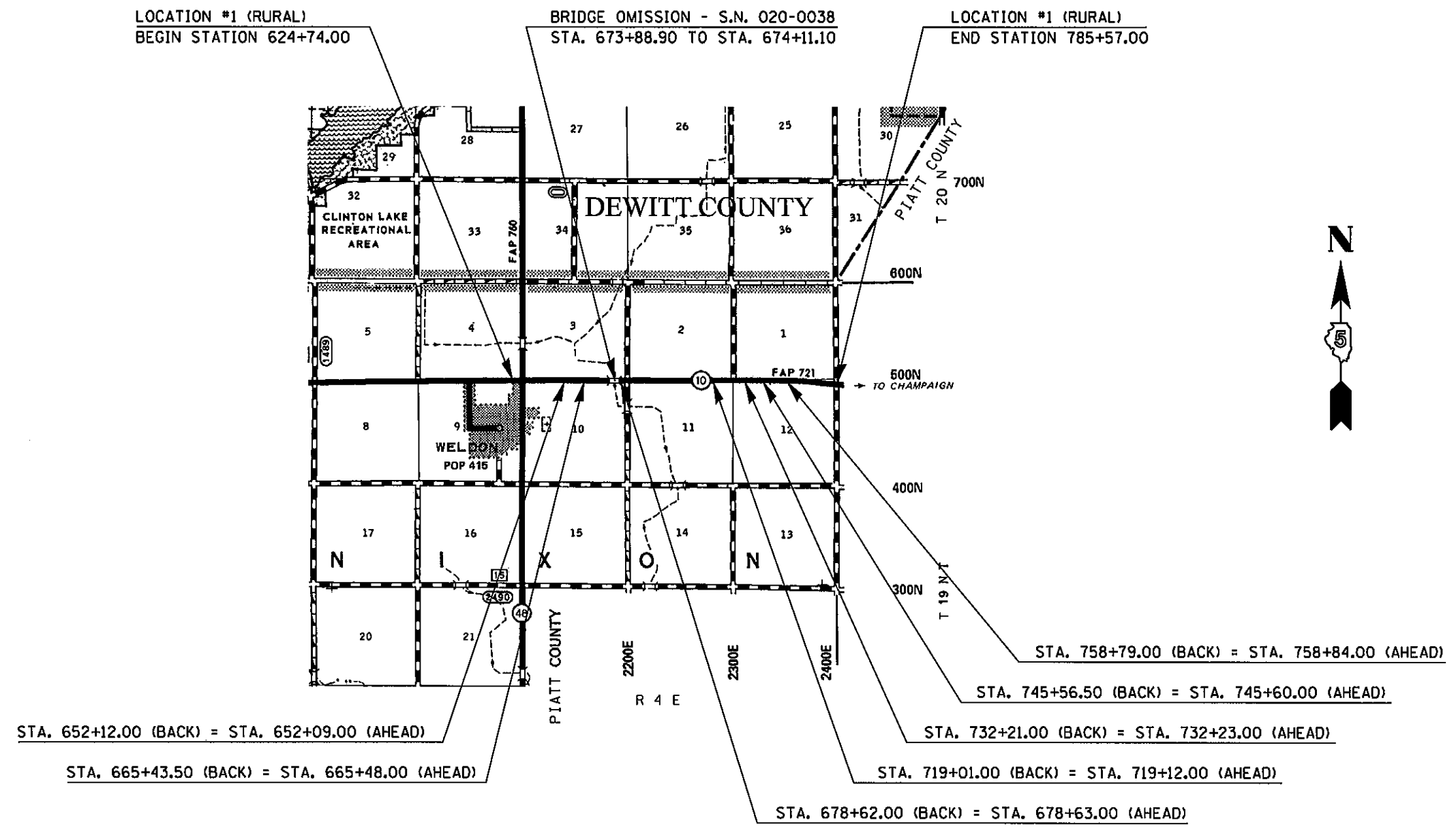
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INDEX OF SHEETS**  
**& LIST OF HIGHWAY STANDARDS**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES  
 SCALE: N/A  
 DATE: 08/23/07  
 DRAWN BY: JHP  
 CHECKED BY:

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	3

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

# LOCATION #1 – FAP 721 (IL 10) FROM IL 48 TO PIATT COUNTY LINE (RURAL 2-LANE)

## DEWITT COUNTY



TOTAL LENGTH OF LOCATION #1 = 16,059.00 FEET = 3.041 MILES  
 NET LENGTH OF LOCATION #1 = 16,036.80 FEET = 3.037 MILES

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**LOCATION MAP**  
**LOCATION #1**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES  
 SCALE: N/A  
 DATE: 08/23/07  
 DRAWN BY: JRP  
 CHECKED BY:

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 PLOT SCALE = 43.1931 / IN.  
 USER NAME = collinrb

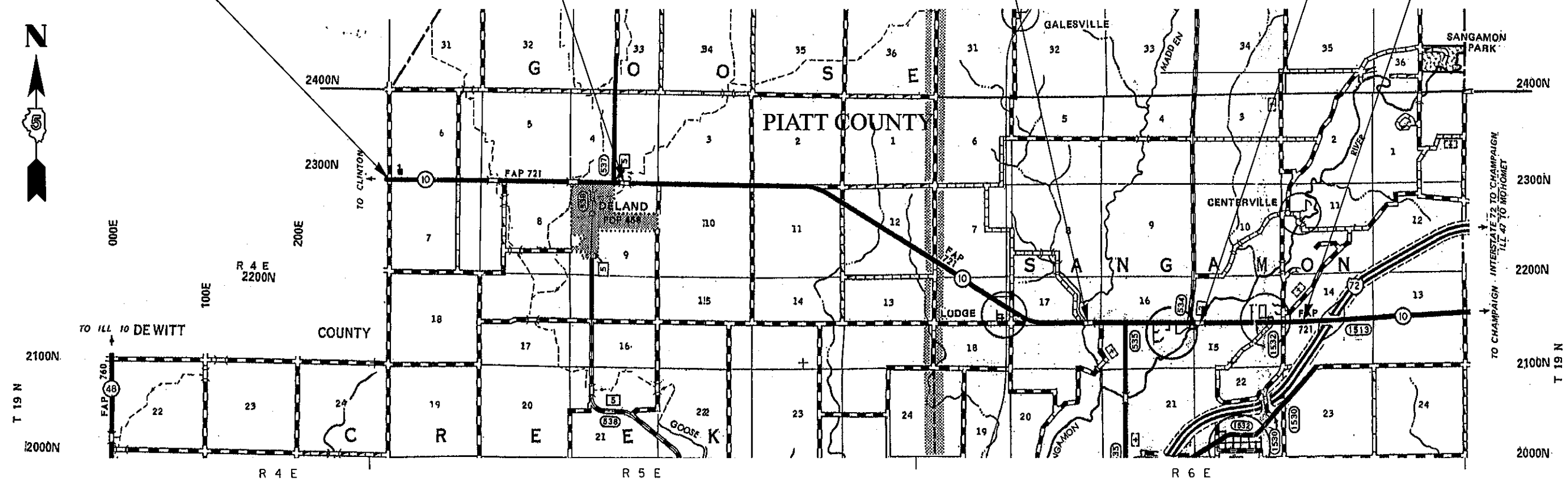
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	4

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

# LOCATION #2 – FAP 721 (IL 10) FROM DEWITT COUNTY LINE TO I-72 (RURAL 2-LANE)

## PIATT COUNTY

LOCATION #2 (RURAL) BEGIN STATION 785+57.00      BRIDGE OMISSION - S.N. 074-0003 STA. 925+64.50 TO STA. 926+07.50      BRIDGE OMISSION - S.N. 074-0005 STA. 1210+13.88 TO STA. 1211+65.28      BRIDGE OMISSION - S.N. 074-0076 STA. 1279+26.00 TO STA. 1285+16.00      LOCATION #2 (RURAL) END STATION 1340+47.00



**STATION EQUATIONS:**

STA. 825+83.00 (BACK) = STA. 825+88.00 (AHEAD)
STA. 840+94.70 (BACK) = STA. 841+02.94 (AHEAD)
STA. 878+94.00 (BACK) = STA. 879+01.00 (AHEAD)
STA. 883+90.80 (BACK) = STA. 884+00.33 (AHEAD)
STA. 915+83.60 (BACK) = STA. 915+84.09 (AHEAD)
STA. 944+90.50 (BACK) = STA. 944+92.50 (AHEAD)
STA. 984+96.00 (BACK) = STA. 985+00.00 (AHEAD)
STA. 1024+75.00 (BACK) = STA. 1024+77.00 (AHEAD)

**STATION EQUATIONS:**

STA. 1053+90.50 (BACK) = STA. 1053+85.00 (AHEAD)
STA. 1085+00.00 (BACK) = STA. 1085+02.50 (AHEAD)
STA. 1116+22.50 (BACK) = STA. 1116+24.00 (AHEAD)
STA. 1142+55.50 (BACK) = STA. 1142+49.00 (AHEAD)
STA. 1199+97.00 (BACK) = STA. 1199+97.53 (AHEAD)
STA. 1273+75.50 (BACK) = STA. 1273+78.50 (AHEAD)
STA. 1312+04.50 (BACK) = STA. 1312+04.00 (AHEAD)
STA. 1330+19.00 (BACK) = STA. 1330+22.00 (AHEAD)

**RESURFACING OMISSION:**  
 STA. 1155+87.00 TO STA. 1177+02.00

**TOTAL LENGTH OF LOCATION #2 = 55,453.71 FEET = 10.503 MILES**  
**NET LENGTH OF LOCATION #2 = 52,554.31 FEET = 9.953 MILES**

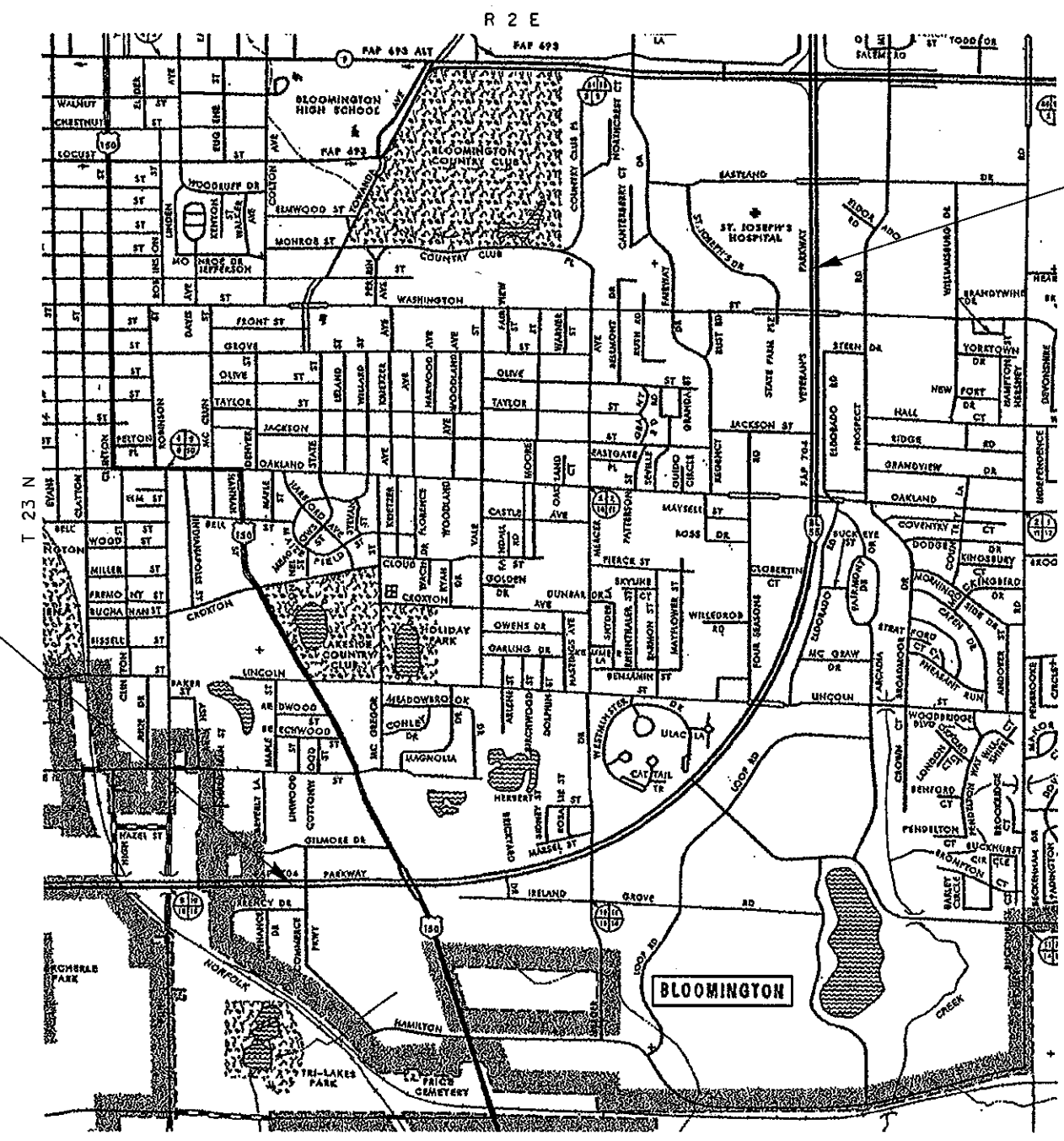
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**LOCATION MAP**  
**LOCATION #2**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES  
 SCALE: N/A      DRAWN BY: JRP  
 DATE: 08/23/07      CHECKED BY:

PLOT DATE = 9/21/2007  
 FILE NAME = c:\pwworkspace\70658\70658.dwg  
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 USER NAME = collinsb

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	5

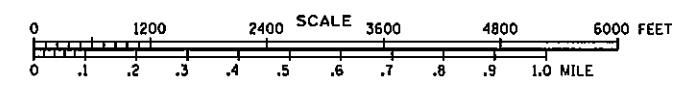
\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

# LOCATION #3 – FAP 704 (BUS I-55) IN BLOOMINGTON (URBAN 4-LANE DIVIDED) MCLEAN COUNTY



LOCATION #3 (URBAN)  
 BEGIN STATION 89+02.01

LOCATION #3 (URBAN)  
 END STATION 219+85.74



**TOTAL & NET LENGTH OF LOCATION #3 = 13,083.73 FEET = 2.478 MILES**

PLOT DATE = 9/21/2007  
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 PLOT SCALE = 43.1981 / IN.  
 USER NAME = collins-bv

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**LOCATION MAP**  
**LOCATION #3**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES  
 SCALE: N/A  
 DATE: 08/23/07

DRAWN BY: JRP  
 CHECKED BY:

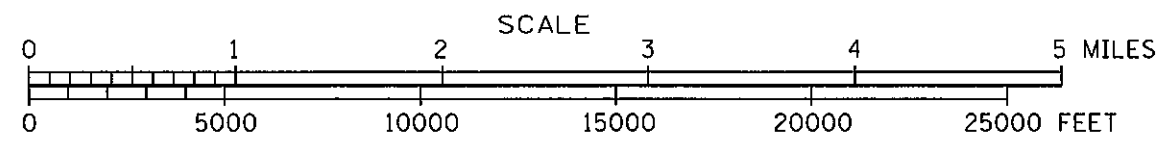
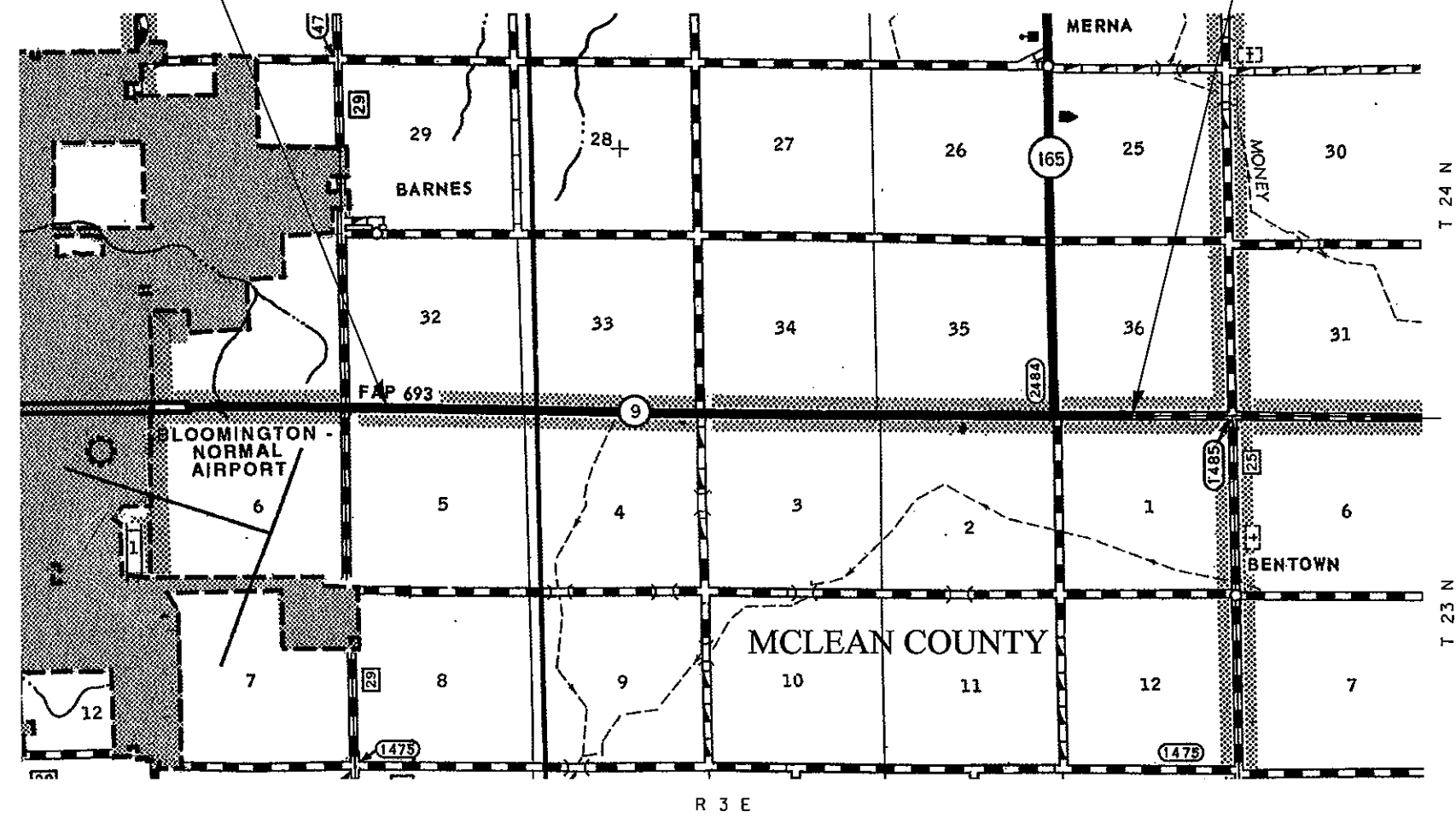
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	6

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

**LOCATION #4 – FAP 693 (IL 9) FROM E. OF TOWANDA / BARNES RD TO E. OF IL 165**  
**(RURAL 2-LANE)**  
**MCLEAN COUNTY**

LOCATION #4 (RURAL)  
 BEGIN STATION 216+75.00

LOCATION #4 (RURAL)  
 END STATION 438+30.00



**TOTAL & NET LENGTH OF LOCATION #4 = 22,155.00 FEET = 4.196 MILES**

PLOT DATE = 9/21/2007  
 PLOT SCALE = 43.1875' / IN.  
 USER NAME = collmbr

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**LOCATION MAP**  
**LOCATION #4**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES  
 SCALE: N/A DRAWN BY: JRP  
 DATE: 08/23/07 CHECKED BY:

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	7

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

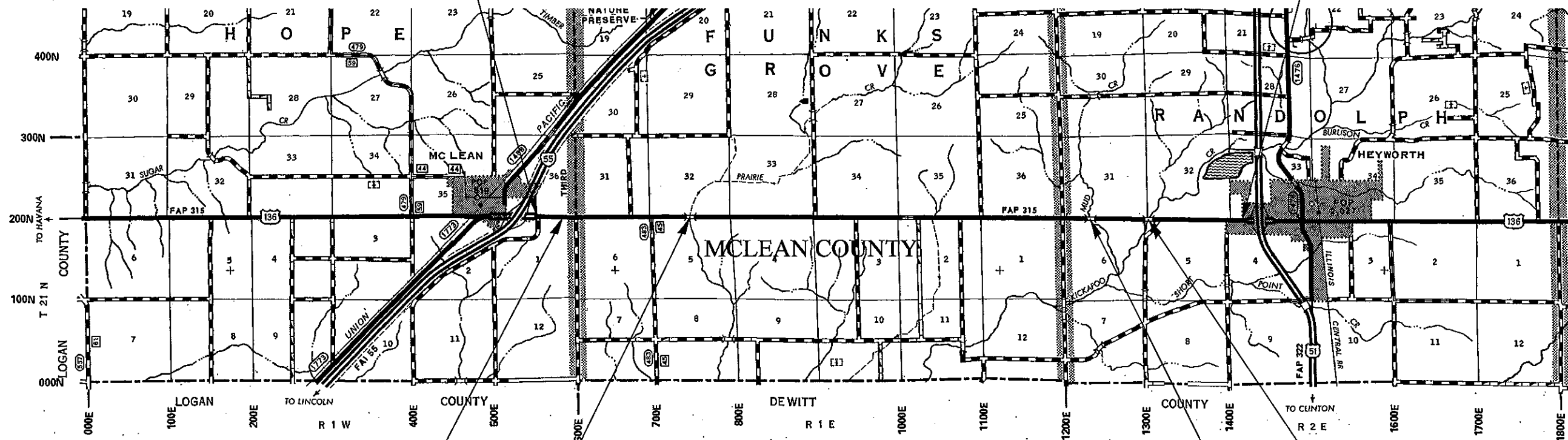
# LOCATION #5 – FAP 315 (US 136) FROM E. OF I-55 TO W. OF US 51 @ HEYWORTH

## (RURAL 2-LANE)

### MCLEAN COUNTY

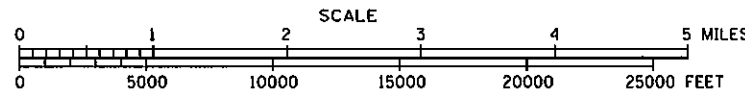
LOCATION #5 (RURAL)  
 BEGIN STATION 2065+80.23

LOCATION #5 (RURAL)  
 END STATION 483+35.00



STA. 2069+52.00 (BACK) = STA. 33+48.00 (AHEAD)

BRIDGE OMISSION - S.N. 057-0091  
 STA. 126+95.00 TO STA. 128+01.00



BRIDGE OMISSION - S.N. 057-0093  
 STA. 427+38.00 TO STA. 430+02.00

BRIDGE OMISSION - S.N. 057-0092  
 STA. 387+25.00 TO STA. 389+37.00

TOTAL LENGTH OF LOCATION #5 = 45,358.77 FEET = 8.591 MILES  
 NET LENGTH OF LOCATION #5 = 44,776.77 FEET = 8.480 MILES

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**LOCATION MAP**  
**LOCATION #5**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES  
 SCALE: N/A DRAWN BY: JRP  
 DATE: 08/23/07 CHECKED BY:

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 USER NAME = collins-b

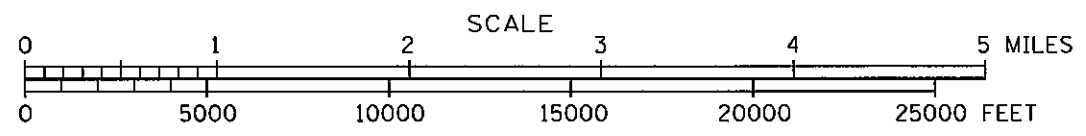
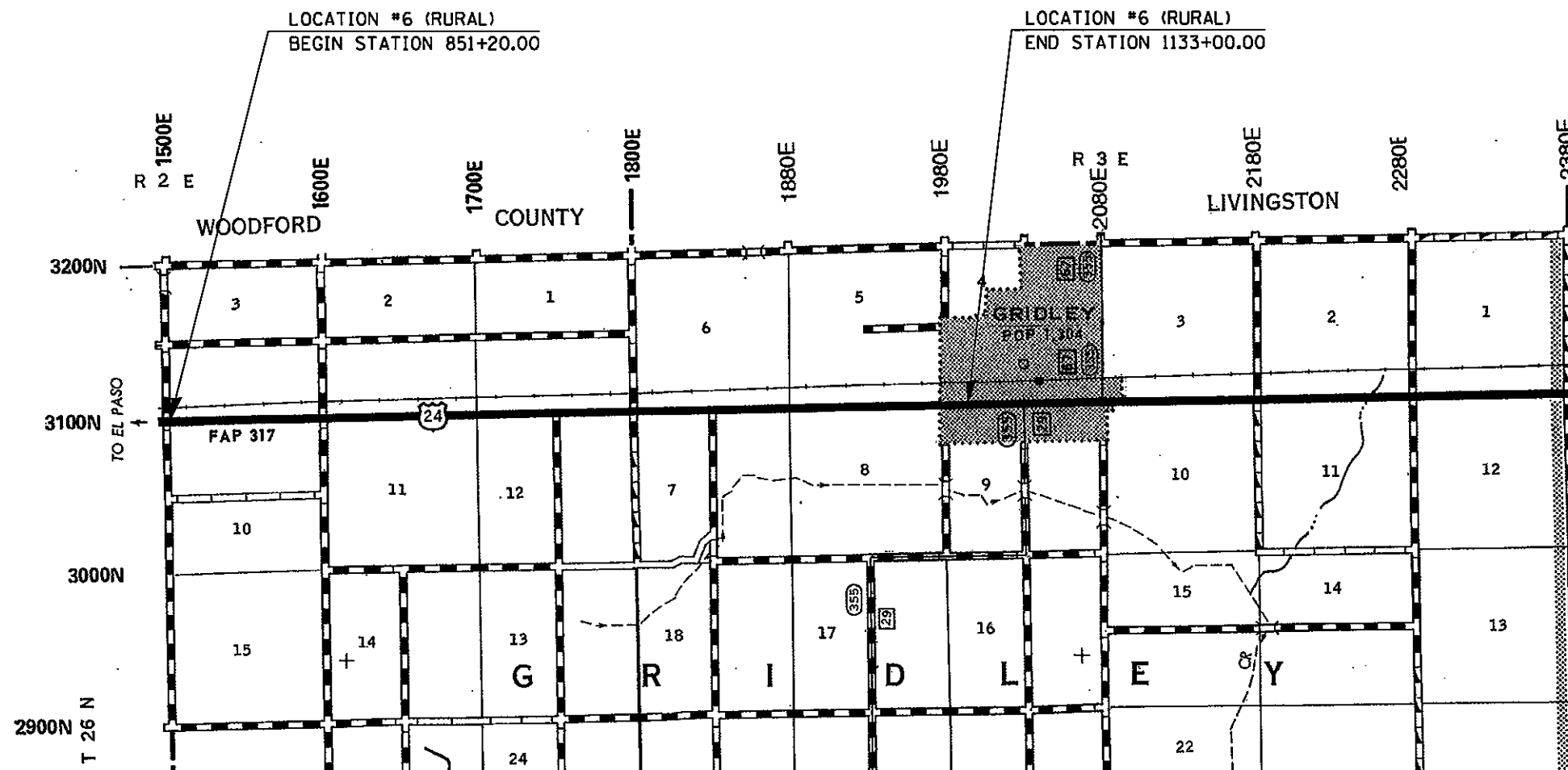
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	8

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

# LOCATION #6 – FAP 317 (US 24) FROM WOODFORD COUNTY LINE TO GRIDLEY

## (RURAL 2-LANE)

## MCLEAN COUNTY



**TOTAL & NET LENGTH OF LOCATION #6 = 28,180.00 FEET = 5.337 MILES**

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**LOCATION MAP**  
**LOCATION #6**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES  
 SCALE: N/A  
 DATE: 08/23/07  
 DRAWN BY: JRP  
 CHECKED BY:

PLOT DATE = 9/21/2007  
 FILE NAME = c:\pva\mca\70658\loc6\loc6.dgn  
 PLOT SCALE = 43.1981 / IN.  
 USER NAME = collier-bv



F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	9

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

## 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. - 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 #3 (BUSINESS I-55 IN BLOOMINGTON), THE CONTRACTOR SHALL DUST THE SEALANT WITH FINE SAND, PORTLAND CEMENT, OR MINERAL FILLER TO PREVENT TRACKING. THIS WORK SHALL BE INCIDENTAL TO THE SEALING OPERATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

### LOCATION #1

THE INTENT AT LOCATION #1 IS TO ROUT AND SEAL ALL TRANSVERSE CRACKS, THE CENTERLINE LONGITUDINAL JOINT, LONGITUDINAL CRACKS AT WIDENING AND SHOULDER JOINTS, AND MISCELLANEOUS LONGITUDINAL CRACKS BETWEEN THE WHEEL LANES FROM STATION 624+74.00 TO STATION 785+57.00. CURB AND GUTTER CRACKS AND ALL CURB JOINTS ARE TO BE OMITTED.

LONGITUDINAL: 7,854.0 LBS.  
 TRANSVERSE : 626.0 LBS.

TOTAL: 8,480.0 LBS. (ESTIMATED)

### LOCATION #2

THE INTENT AT LOCATION #2 IS TO ROUT AND SEAL ALL TRANSVERSE CRACKS, THE CENTERLINE LONGITUDINAL JOINT, LONGITUDINAL CRACKS AT WIDENING AND SHOULDER JOINTS, AND MISCELLANEOUS LONGITUDINAL CRACKS BETWEEN THE WHEEL LANES FROM STATION 785+57.00 TO STATION 1340+47.00. CURB AND GUTTER CRACKS AND ALL CURB JOINTS ARE TO BE OMITTED.

LONGITUDINAL: 27,068.0 LBS.  
 TRANSVERSE : 1,127.0 LBS.

TOTAL: 28,195.0 LBS. (ESTIMATED)

### LOCATION #3

THE INTENT AT LOCATION #3 IS TO ROUT AND SEAL ALL TRANSVERSE CRACKS, THE CENTERLINE LONGITUDINAL JOINT, TURN LANE JOINTS, LONGITUDINAL CRACKS AT WIDENING AND SHOULDER JOINTS, AND MISCELLANEOUS LONGITUDINAL CRACKS BETWEEN THE WHEEL LANES FROM STATION 89+02.01 TO STATION 219+85.74. CURB AND GUTTER CRACKS AND ALL CURB JOINTS ARE TO BE OMITTED.

LONGITUDINAL: 41,136.0 LBS.  
 TRANSVERSE : 496.0 LBS.

TOTAL: 41,632.0 LBS. (ESTIMATED)

### LOCATION #4

THE INTENT AT LOCATION #4 IS TO ROUT AND SEAL ALL TRANSVERSE CRACKS, THE CENTERLINE LONGITUDINAL JOINT, LONGITUDINAL CRACKS AT WIDENING AND SHOULDER JOINTS, AND MISCELLANEOUS LONGITUDINAL CRACKS BETWEEN THE WHEEL LANES FROM STATION 216+75.00 TO STATION 438+30.00. CURB AND GUTTER CRACKS AND ALL CURB JOINTS ARE TO BE OMITTED.

LONGITUDINAL: 24,493.0 LBS.  
 TRANSVERSE : 6,423.0 LBS.

TOTAL: 30,916.0 LBS. (ESTIMATED)

### LOCATION #5

THE INTENT AT LOCATION #5 IS TO ROUT AND SEAL ALL TRANSVERSE CRACKS, THE CENTERLINE LONGITUDINAL JOINT, LONGITUDINAL CRACKS AT WIDENING AND SHOULDER JOINTS, AND MISCELLANEOUS LONGITUDINAL CRACKS BETWEEN THE WHEEL LANES FROM STATION 2065+80.23 TO STATION 483+35.00. CURB AND GUTTER CRACKS AND ALL CURB JOINTS ARE TO BE OMITTED.

LONGITUDINAL: 28,258.0 LBS.  
 TRANSVERSE : 3,210.0 LBS.

TOTAL: 31,468.0 LBS. (ESTIMATED)

PLOT DATE : 9/21/2007  
 FILE NAME : c:\pca\mca\20080827\del\70658\work.dgn  
 PLOT SCALE : 43.1981 / IN.  
 USER NAME : edlme-by

ILLINOIS DEPARTMENT OF TRANSPORTATION

### GENERAL NOTES

ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES

SCALE: N/A  
 DATE: 08/23/07

DRAWN BY: JRP  
 CHECKED BY:

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	10

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

## GENERAL NOTES

### LOCATION #6

THE INTENT AT LOCATION #6 IS TO ROUT AND SEAL ALL TRANSVERSE CRACKS, THE CENTERLINE LONGITUDINAL JOINT, LONGITUDINAL CRACKS AT WIDENING AND SHOULDER JOINTS, AND MISCELLANEOUS LONGITUDINAL CRACKS BETWEEN THE WHEEL LANES FROM STATION 851+20.00 TO STATION 1133+00.00. CURB AND GUTTER CRACKS AND ALL CURB JOINTS ARE TO BE OMITTED.

LONGITUDINAL:       24,843.0 LBS.  
 TRANSVERSE :       6,826.0 LBS.

TOTAL:             31,669.0 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. - 780 (SPECIAL)

AT LOCATION #3 (BUSINESS I-55 IN BLOOMINGTON), THE THERMOPLASTIC PAVEMENT MARKINGS SHALL BE RE-STRIPED IN ACCORDANCE WITH THE DISTRICT 5 DETAIL FOR "PAVEMENT MARKING (MCLEAN COUNTY "SPOT" IMPROVEMENTS ONLY)", WHICH INCLUDES 6" WHITE CENTER LINES (SKIP-DASH) AND 8" SOLID WHITE TURN LANE LINES.

G.N. - 886 (SPECIAL)

AT LOCATION #3 (BUSINESS I-55 IN BLOOMINGTON), THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS DURING ROUTING AND SEALING OPERATIONS IN ORDER TO PREVENT ANY DAMAGE TO THE EXISTING DETECTOR LOOPS. ANY DAMAGE DONE TO THE DETECTOR LOOPS DURING THE EXECUTION OF THIS CONTRACT SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

### NO COMMITMENTS

PLOT DATE: 9/23/2007  
 FILE NAME: c:\paw\work\7065b\mactdgn  
 USER NAME: jrp  
 PLOT NUMBER: 001

ILLINOIS DEPARTMENT OF TRANSPORTATION	
<b>GENERAL NOTES</b>	
ROUTE VARIOUS	
SECTION D5 CRACK & JOINT SEAL 2008-1	
DEWITT, PIATT & MCLEAN COUNTIES	
SCALE: N/A	DRAWN BY: JRP
DATE: 08/23/07	CHECKED BY:

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	*	**	35	11

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

## SUMMARY OF QUANTITIES

LOCATION OF WORK:

VARIOUS ROUTES  
 D5 CRACK AND JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES

LOCATION #1  
 DEWITT CO.  
 RURAL  
 100% STATE  
 ROUT & SEAL  
 F000

LOCATION #2  
 PIATT CO.  
 RURAL  
 100% STATE  
 ROUT & SEAL  
 F000

LOCATION #3  
 MCLEAN CO.  
 URBAN  
 100% STATE  
 ROUT & SEAL  
 F000

LOCATION #4, #5 & #6  
 MCLEAN CO.  
 RURAL  
 100% STATE  
 ROUT & SEAL  
 F000

CONSTRUCTION TYPE CODE:

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
45100100	CRACK ROUTING (PAVEMENT)	FOOT	430,899.0	21,201.0	70,487.0	104,079.0	235,132.0
45100200	CRACK FILLING	POUND	172,360.0	8,480.0	28,195.0	41,632.0	94,053.0
67100100	MOBILIZATION	L SUM	1.0	0.1	0.2	0.2	0.5
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	0.1	0.3	0.0	0.6
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1.0	0.0	0.0	1.0	0.0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0	0.0	0.0	1.0	0.0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9,989.0	0.0	0.0	9,989.0	0.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	11,870.0	0.0	0.0	11,870.0	0.0
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	13,818.0	0.0	0.0	13,818.0	0.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	83,458.0	4,009.0	23,713.0	0.0	55,736.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	11.0	0.0	0.0	11.0	0.0

\* SPECIALTY ITEM

PLOT DATE = 08/23/07  
 FILE NAME = C:\Users\jrp\Documents\70658\70658.dgn  
 PLOT SCALE = 43.2522 / 1  
 USER NAME = jrp

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES

SCALE: N/A  
 DATE: 08/23/07

DRAWN BY: JRP  
 CHECKED BY:

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	12

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

# SCHEDULE OF QUANTITIES

LOCATION OF WORK: VARIOUS ROUTES  
 D5 CRACK AND JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES

IL 10  
 FAP 721  
 DEWITT CO.  
 2-LANE RURAL  
 100% STATE  
 STA. 624+74.00 TO  
 STA. 785+57.00  
 LOCATION #1

IL 10  
 FAP 721  
 PIATT CO.  
 2-LANE RURAL  
 100% STATE  
 STA. 785+57.00 TO  
 STA. 1340+47.00  
 LOCATION #2

BUS I-55  
 FAP 704  
 MCLEAN CO.  
 4-LANE URBAN  
 100% STATE  
 STA. 89+02.01 TO  
 STA. 219+85.74  
 LOCATION #3

IL 9  
 FAP 693  
 MCLEAN CO.  
 2-LANE RURAL  
 100% STATE  
 STA. 216+75.00 TO  
 STA. 438+30.00  
 LOCATION #4

US 136  
 FAP 315  
 MCLEAN CO.  
 2-LANE RURAL  
 100% STATE  
 STA. 2065+80.23 TO  
 STA. 483+35.00  
 LOCATION #5

US 24  
 FAP 317  
 MCLEAN CO.  
 2-LANE RURAL  
 100% STATE  
 STA. 851+20.00 TO  
 STA. 1133+00.00  
 LOCATION #6

LOCATION:

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
45100100	CRACK ROUTING (PAVEMENT)	FOOT	430,899.0	21,201.0	70,487.0	104,079.0	77,289.0	78,671.0	79,172.0
45100200	CRACK FILLING	POUND	172,360.0	8,480.0	28,195.0	41,632.0	30,916.0	31,468.0	31,669.0
67100100	MOBILIZATION	L SUM	1.0	0.1	0.2	0.2	0.1	0.2	0.2
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	0.1	0.3	0.0	0.2	0.2	0.2
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1.0	0.0	0.0	1.0	0.0	0.0	0.0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0	0.0	0.0	1.0	0.0	0.0	0.0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9,989.0	0.0	0.0	9,989.0	0.0	0.0	0.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	11,870.0	0.0	0.0	11,870.0	0.0	0.0	0.0
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	13,818.0	0.0	0.0	13,818.0	0.0	0.0	0.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	83,458.0	4,009.0	23,713.0	0.0	7,604.0	21,361.0	26,771.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	11.0	0.0	0.0	11.0	0.0	0.0	0.0

\* SPECIALTY ITEM

PLOT DATE : 9/21/2007  
 FILE NAME : c:\p\projects\082307\082307.dgn  
 PLOT SCALE : 43.1981 / IN.  
 USER NAME : coltheby

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**

ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES

SCALE: N/A  
 DATE: 08/23/07

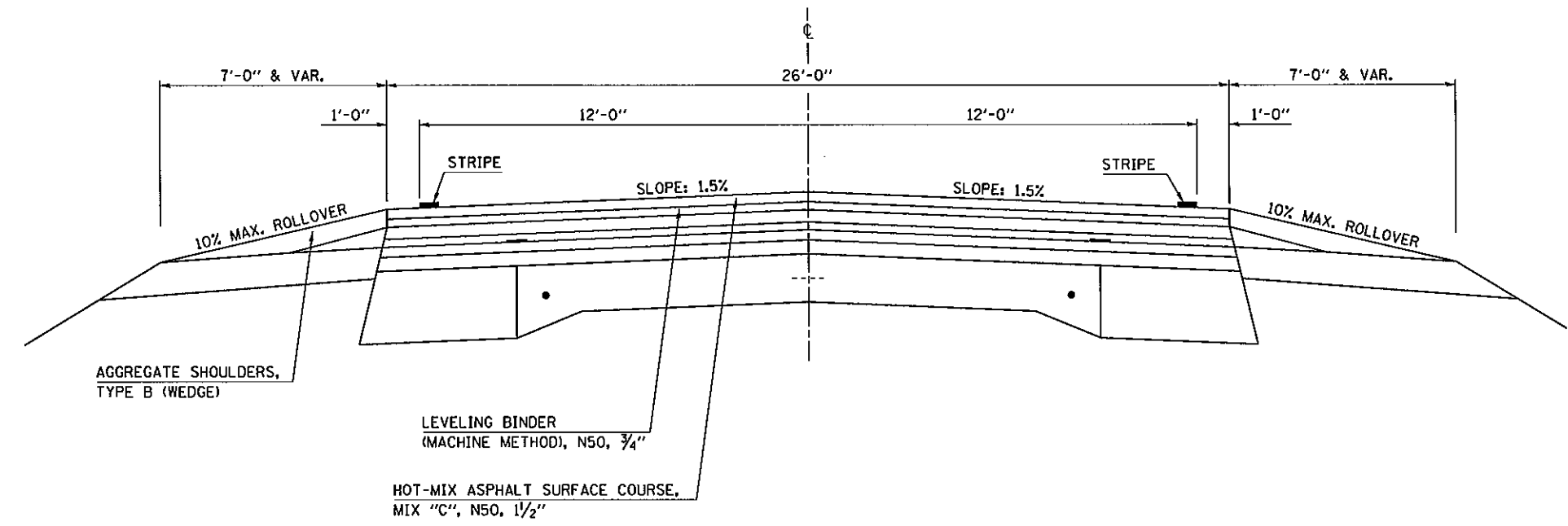
DRAWN BY: JRP  
 CHECKED BY:

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	13

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

# EXISTING TYPICAL CROSS SECTION – FAP 721 (IL 10) ①

STATION 624+74.00 TO STATION 628+77.50 ②



LOCATION #1

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**FAP 721 (IL 10)**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES  
 SCALE: N/A DRAWN BY: JRP  
 DATE: 08/23/07 CHECKED BY:

PLOT DATE = 9/21/2007  
 FILE NAME = c:\projects\70658\70658.dgn  
 PLOT SCALE = 1/4" = 1'-0"  
 USER NAME = gcollins

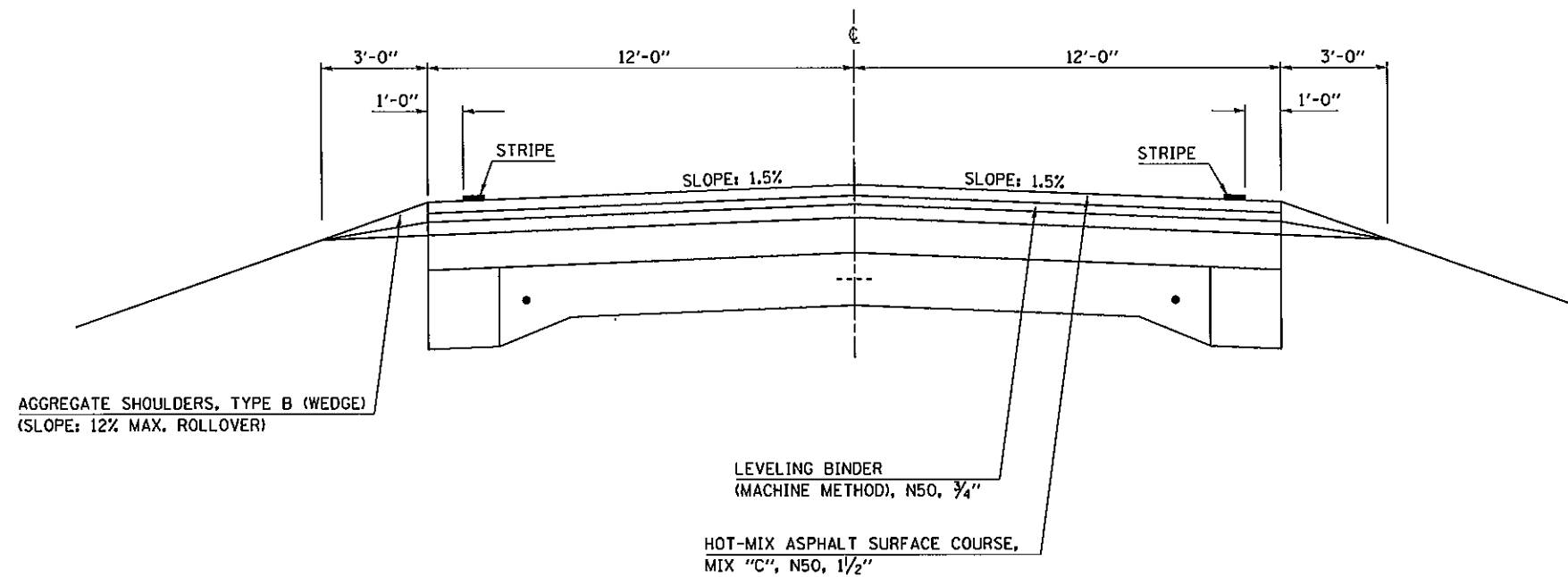
# EXISTING TYPICAL CROSS SECTION – FAP 721 (IL 10) ②

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	14

\* D5 CRACK & JOINT SEAL 2008-1  
\*\* DEWITT/PIATT/MCLEAN

STATION	TO	STATION	TO	STATION	TO	STATION	TO
① 628+77.50		652+12.00( BK )	②	② 944+92.50( AH )		984+96.00( BK )	②
② 652+09.00( AH )		665+43.50( BK )	②	② 985+00.00( AH )		1024+75.00( BK )	②
② 665+48.00( AH )		673+88.90( B0 )	②	② 1024+77.00( AH )		1027+00.00	⑥
② 674+11.10		678+62.00( BK )	②	⑥ 1042+58.00		1053+90.50( BK )	②
② 678+63.00( AH )		719+01.00( BK )	②	② 1053+85.00( AH )		1085+00.00( BK )	②
② 719+12.00( AH )		732+21.00( BK )	②	② 1085+02.50( AH )		1116+22.50( BK )	②
② 732+23.00( AH )		745+56.50( BK )	②	② 1116+24.00( AH )		1142+55.50( BK )	②
② 745+60.00( AH )		758+79.00( BK )	②	② 1142+49.00( AH )		1154+35.00	④
② 758+84.00( AH )		825+83.00( BK )	②	④ 1188+05.00		1199+97.00( BK )	②
② 825+88.00( AH )		840+94.70( BK )	②	② 1199+97.53( AH )		1202+26.00	⑤
② 841+02.94( AH )		845+39.00	③	⑤ 1227+11.00		1258+80.00	⑤
③ 852+95.00		878+94.00( BK )	②	⑤ 1262+83.00		1273+75.50( BK )	②
② 879+01.00( AH )		883+90.80( BK )	②	② 1273+78.50( AH )		1275+59.50	③
② 884+00.33( AH )		891+61.00	③	③ 1289+11.00		1312+04.50( BK )	②
③ 901+07.00		915+83.60( BK )	②	② 1312+04.00( AH )		1314+98.00	⑤
② 915+84.09( AH )		922+42.00	④	⑤ 1323+95.00		1330+19.00( BK )	②
④ 929+55.00		944+90.50( BK )	②	② 1330+22.00( AH )		1340+47.00	

( B0 ) = BRIDGE OMISSION



**LOCATIONS #1 & #2**

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**FAP 721 (IL 10)**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES  
 SCALE: N/A  
 DATE: 08/23/07  
 DRAWN BY: JRP  
 CHECKED BY:

PLOT DATE = 9/21/2007  
 FILE NAME = c:\pva\mca\jrc\0807\_08\70658\sec14.dgn  
 PLOT SCALE = 43.1981 / IN.  
 USER NAME = collinrb

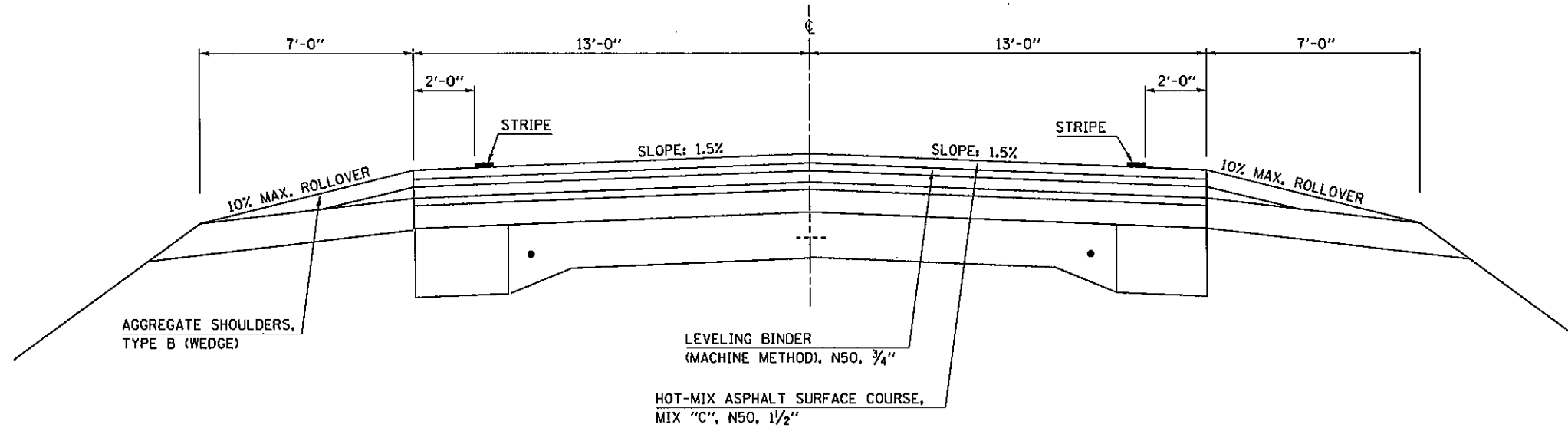
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	**	35	15

\* D5 CRACK & JOINT SEAL 2008-1  
\*\* DEWITT/PIATT/MCLEAN

LOCATION #2  
SHEET 1 OF 4

### EXISTING TYPICAL CROSS SECTION – FAP 721 (IL 10) ③

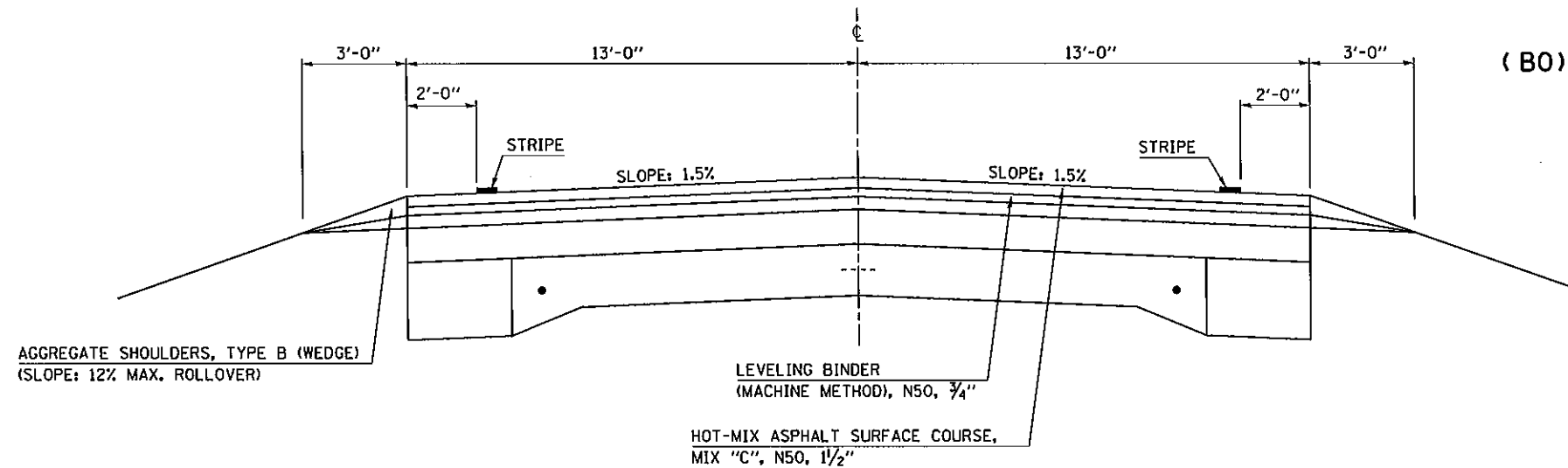
STATION	TO	STATION	
② 845+39.00		852+95.00	②
② 891+61.00		901+07.00	②
② 1275+59.50		1279+26.00	③ BRIDGE OMISSION
③ 1285+16.00		1289+11.00	②



### EXISTING TYPICAL CROSS SECTION – FAP 721 (IL 10) ④

STATION	TO	STATION	
② 922+42.00		925+64.50 (BO)	④
④ 926+07.50		929+55.00	②
② 1154+35.00		1155+87.00	⑧
⑦ 1185+48.00		1188+05.00	②
⑤ 1209+02.00		1210+13.88 (BO) (12' LEFT LANE, 13' RIGHT LANE)	④
④ 1211+65.28		1214+51.00 (12' LEFT LANE, 13' RIGHT LANE)	⑤

(BO) = BRIDGE OMISSION



LOCATION #2

ILLINOIS DEPARTMENT OF TRANSPORTATION  
EXISTING TYPICAL CROSS SECTIONS  
FAP 721 (IL 10)  
ROUTE VARIOUS  
SECTION D5 CRACK & JOINT SEAL 2008-1  
DEWITT, PIATT & MCLEAN COUNTIES  
SCALE: N/A  
DATE: 08/23/07  
DRAWN BY: JRP  
CHECKED BY:

PLT DATE : 07/23/07  
PLT NAME : JRP  
PLT SCALE : 1/8" = 1'-0"  
USER NAME : collinbw

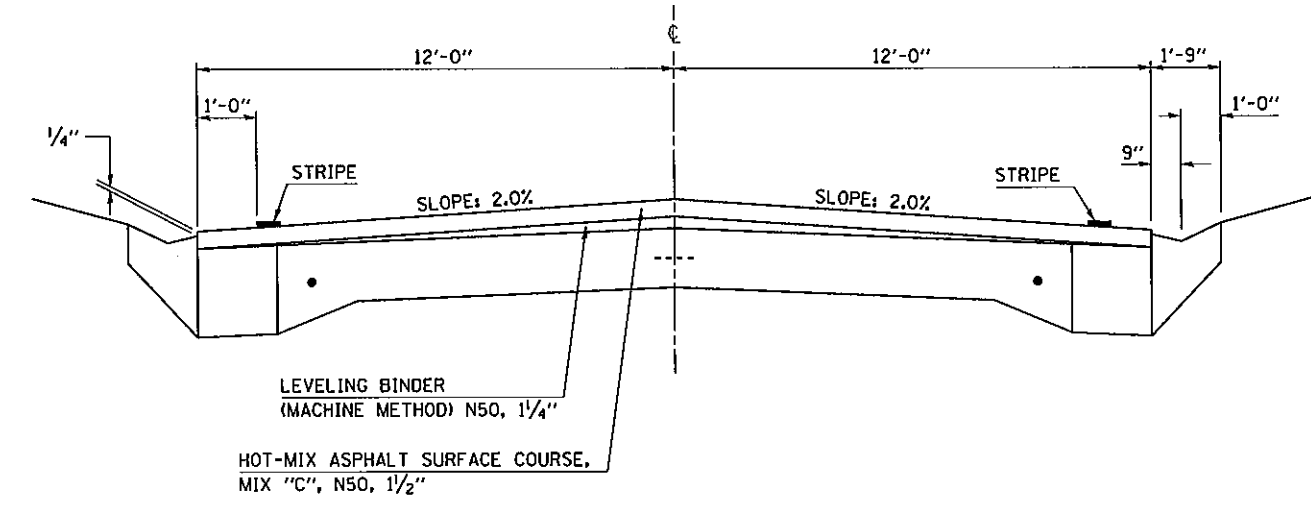
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	**	35	16

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

LOCATION #2  
 SHEET 2 OF 4

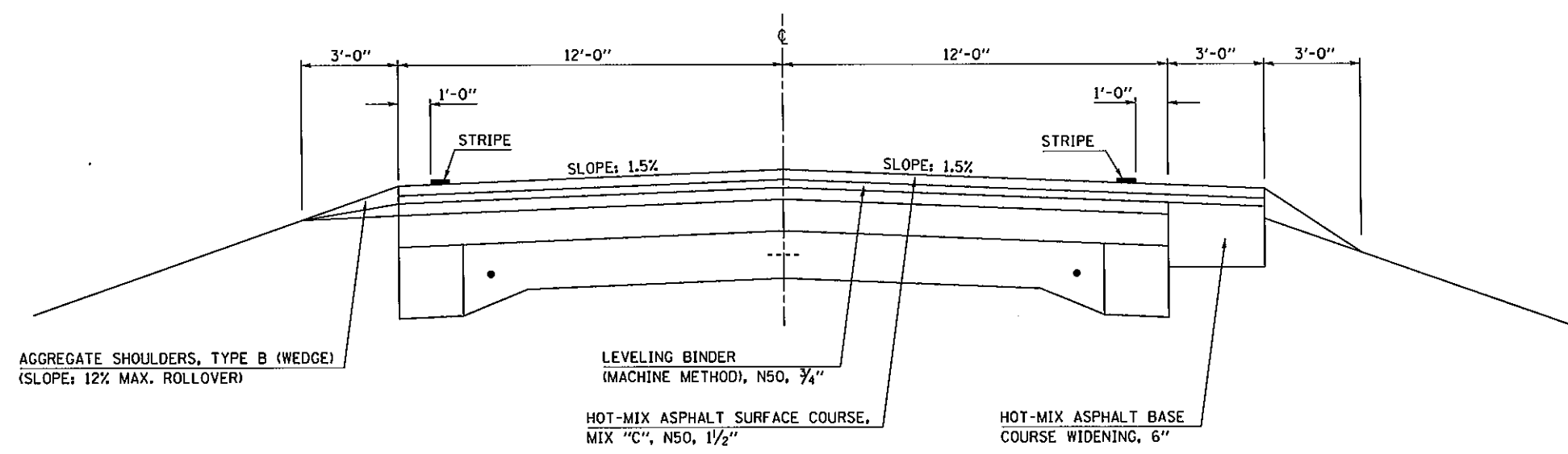
# EXISTING TYPICAL CROSS SECTION - FAP 721 (IL 10) 5

STATION	TO	STATION	
② 1202+26.00		1209+02.00	④
④ 1214+51.00		1227+11.00	②
② 1258+80.00		1262+83.00	② (GUTTER LEFT SIDE ONLY)
② 1314+98.00		1323+95.00	②



# EXISTING TYPICAL CROSS SECTION - FAP 721 (IL 10) 6

STATION	TO	STATION	
② 1027+00.00		1042+58.00	②



LOCATION #2

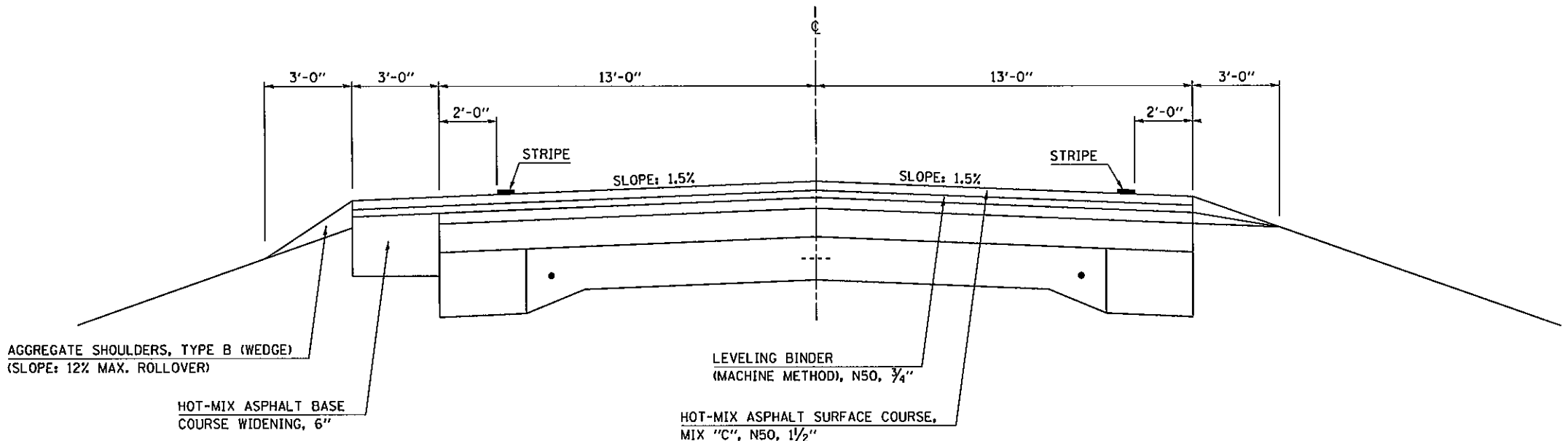
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**FAP 721 (IL 10)**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES  
 SCALE: N/A  
 DATE: 08/23/07  
 DRAWN BY: JRP  
 CHECKED BY:

PLOT DATE = 08/23/07  
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 PLOT SCALE = 43.1931 / 1" = 100'  
 USER NAME = colt@mbw



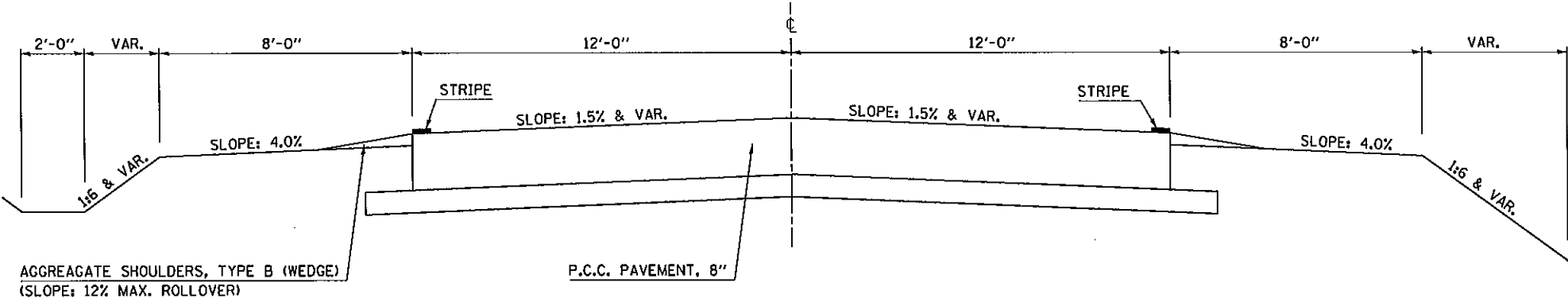
# EXISTING TYPICAL CROSS SECTION – FAP 721 (IL 10) (7)

STATION TO STATION  
 (9) 1177+02.00 1185+48.00 (4)



# EXISTING TYPICAL CROSS SECTION – FAP 721 (IL 10) (8)

STATION TO STATION  
 (4) 1155+87.00 1166+91.18 (RAILROAD OMISSION)  
 1167+02.26 1175+75.00 (9)



CONTRACT NO. 70658				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	17

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

**LOCATION #2**  
 SHEET 3 OF 4

LOCATION #2

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**FAP 721 (IL 10)**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES  
 SCALE: N/A      DRAWN BY: JRP  
 DATE: 08/23/07      CHECKED BY:

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 USER NAME = collumbus

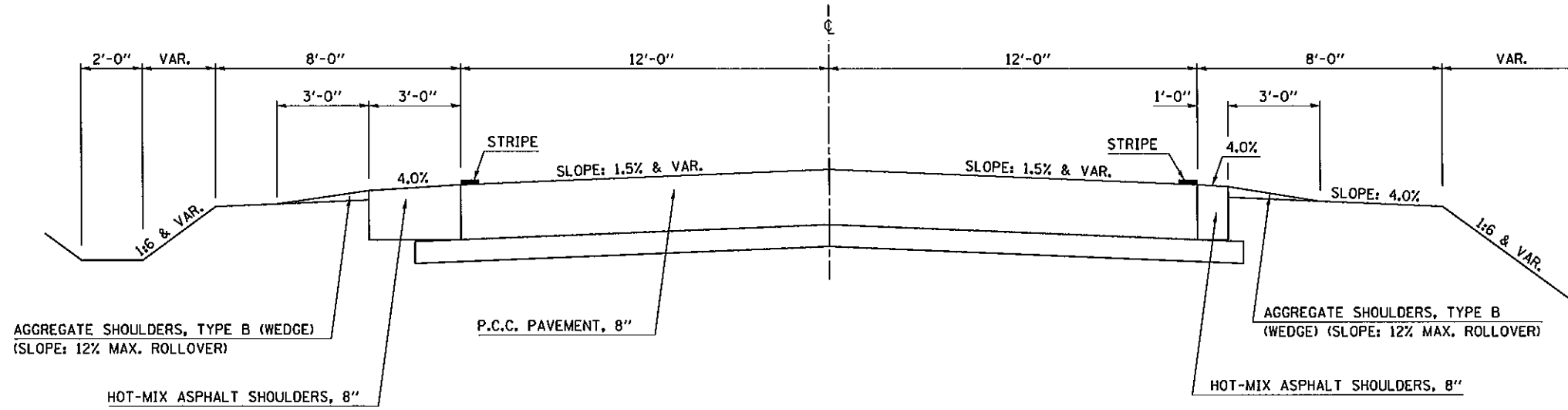
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	18

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

LOCATION #2  
 SHEET 4 OF 4

# EXISTING TYPICAL CROSS SECTION – FAP 721 (IL 10) 9

STATION 8 1175+75.00 TO STATION 1177+02.00 7



LOCATION #2

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**FAP 721 (IL 10)**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES  
 SCALE: N/A DRAWN BY: JRP  
 DATE: 08/23/07 CHECKED BY:

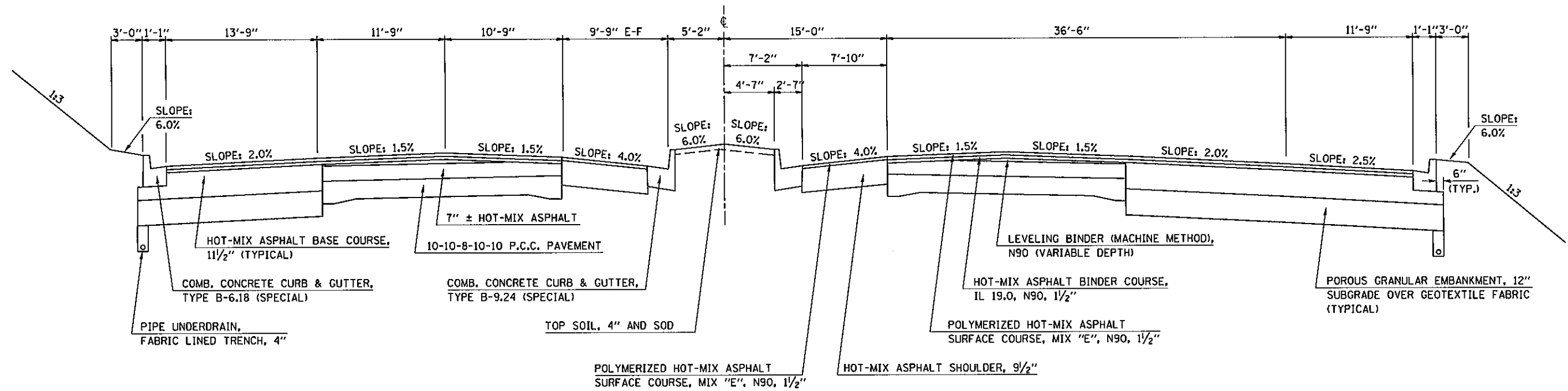
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	**	35	19

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

LOCATION #3  
 SHEET 1 OF 6

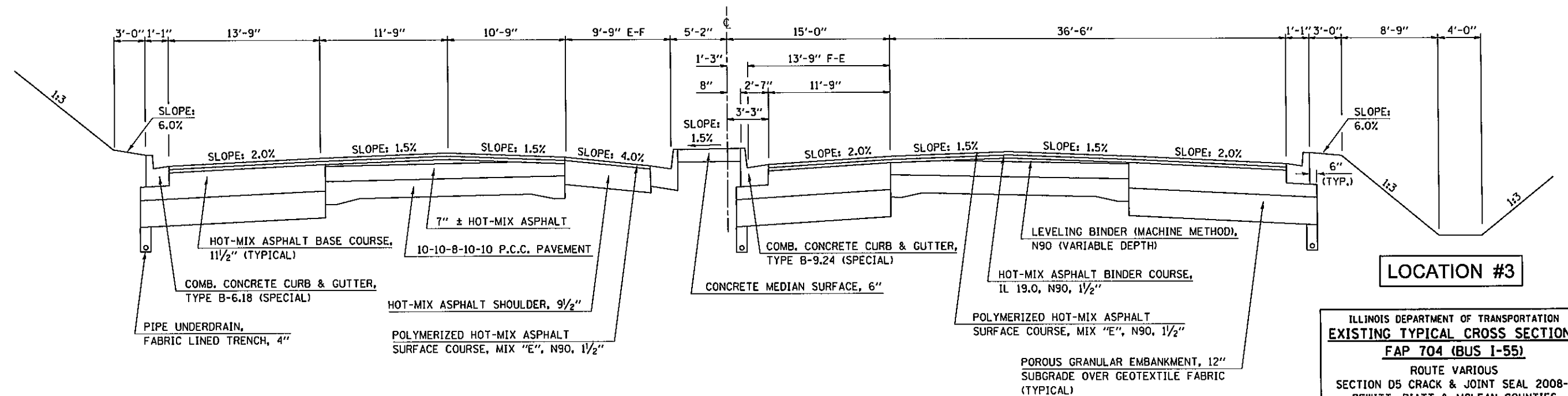
# EXISTING TYPICAL CROSS SECTION - FAP 704 (BUS I-55) ①

## WITH RIGHT TURN LANE



# EXISTING TYPICAL CROSS SECTION - FAP 704 (BUS I-55) ②

## WITH SINGLE LEFT TURN LANE



LOCATION #3

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**FAP 704 (BUS I-55)**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES  
 SCALE: N/A  
 DATE: 08/23/07  
 DRAWN BY: JRP  
 CHECKED BY:

DATE: 9/21/2007  
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 PLOT SCALE: 1/8" = 1'-0"  
 USER NAME: collinsb

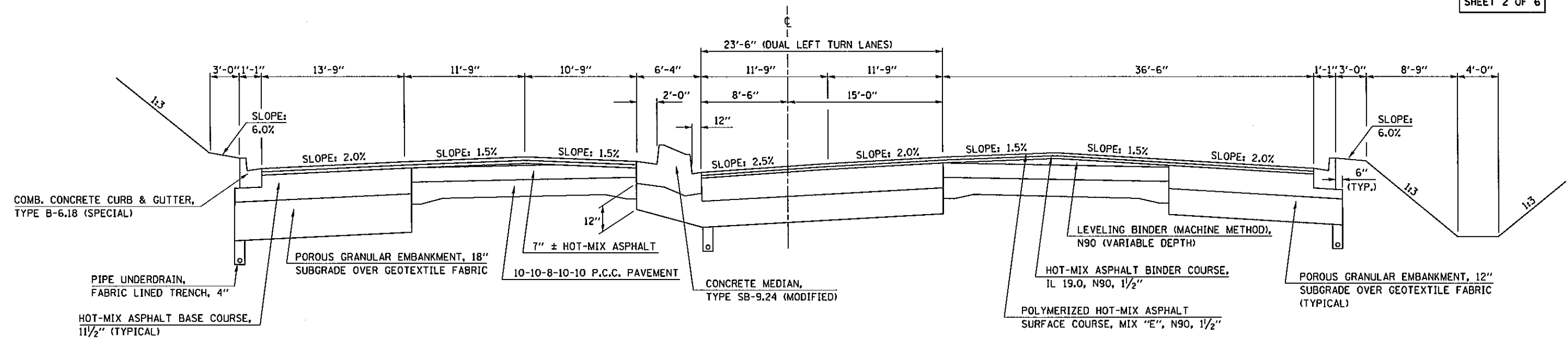
# EXISTING TYPICAL CROSS SECTION – FAP 704 (BUS I-55) ③

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	20

\* D5 CRACK & JOINT SEAL 2008-1  
\*\* DEWITT/PIATT/MCLEAN

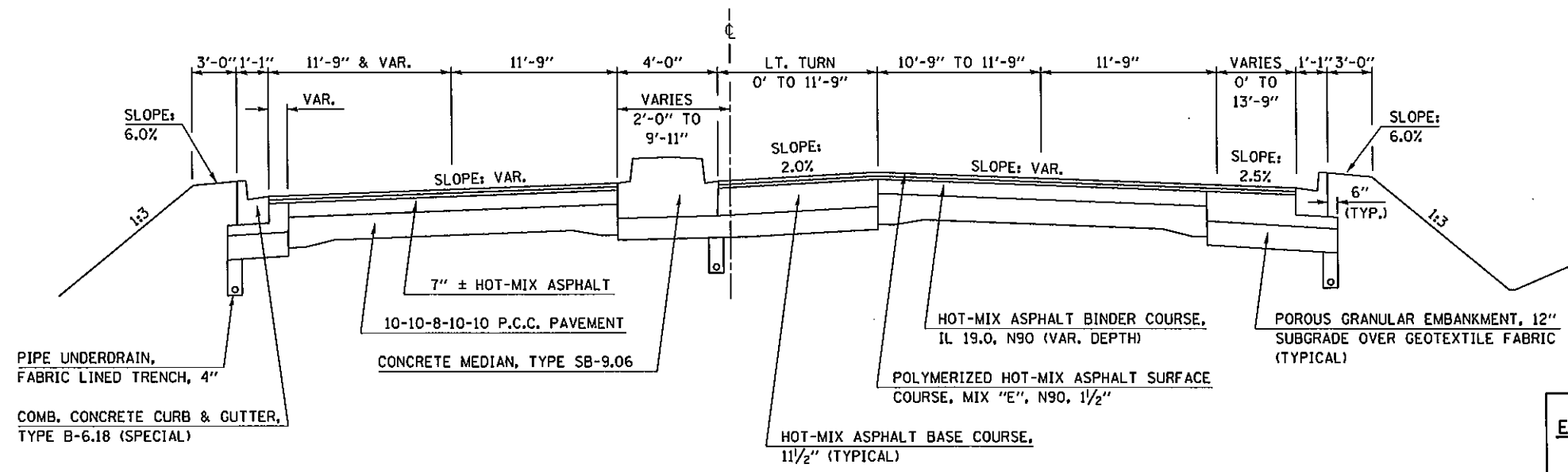
LOCATION #3  
SHEET 2 OF 6

## WITH DUAL LEFT TURN LANES



# EXISTING TYPICAL CROSS SECTION – FAP 704 (BUS I-55) ④

STATION 89+02.01 TO STATION 91+37.97



LOCATION #3

ILLINOIS DEPARTMENT OF TRANSPORTATION  
EXISTING TYPICAL CROSS SECTIONS  
FAP 704 (BUS I-55)  
ROUTE VARIOUS  
SECTION D5 CRACK & JOINT SEAL 2008-1  
DEWITT, PIATT & MCLEAN COUNTIES  
SCALE: N/A  
DATE: 08/23/07  
DRAWN BY: JRP  
CHECKED BY:

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PLOT SCALE = 43.1991 / 1" = 100'  
USER NAME = collumb

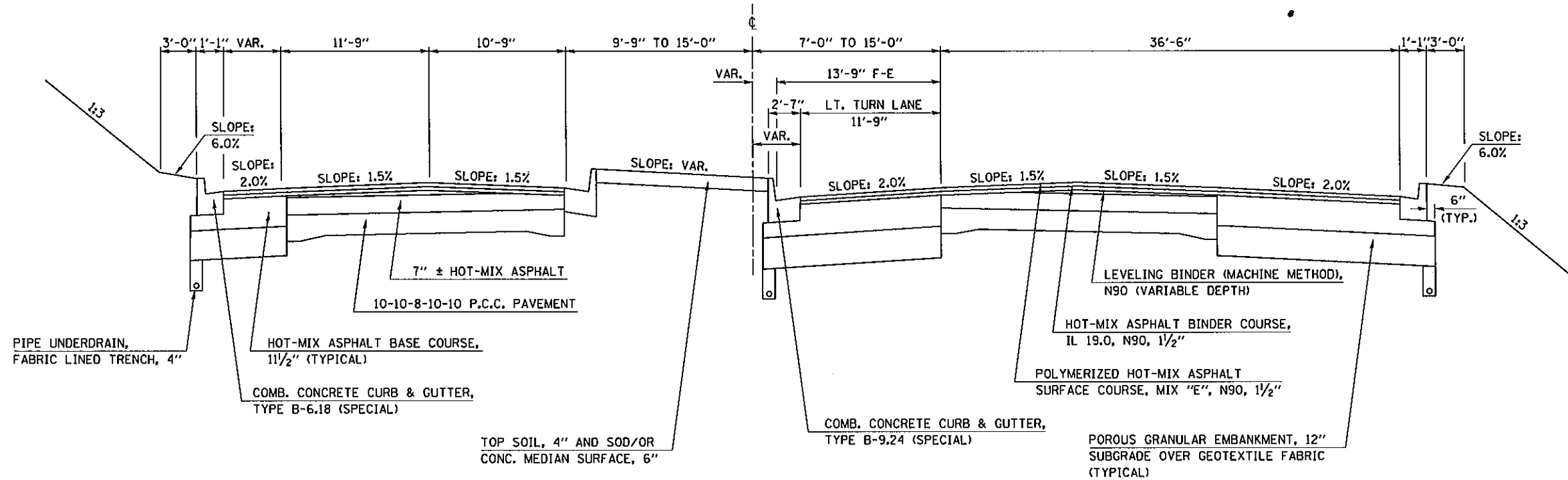
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	21

\* D5 CRACK & JOINT SEAL 2008-1  
\*\* DEWITT/PIATT/MCLEAN

LOCATION #3  
SHEET 3 OF 6

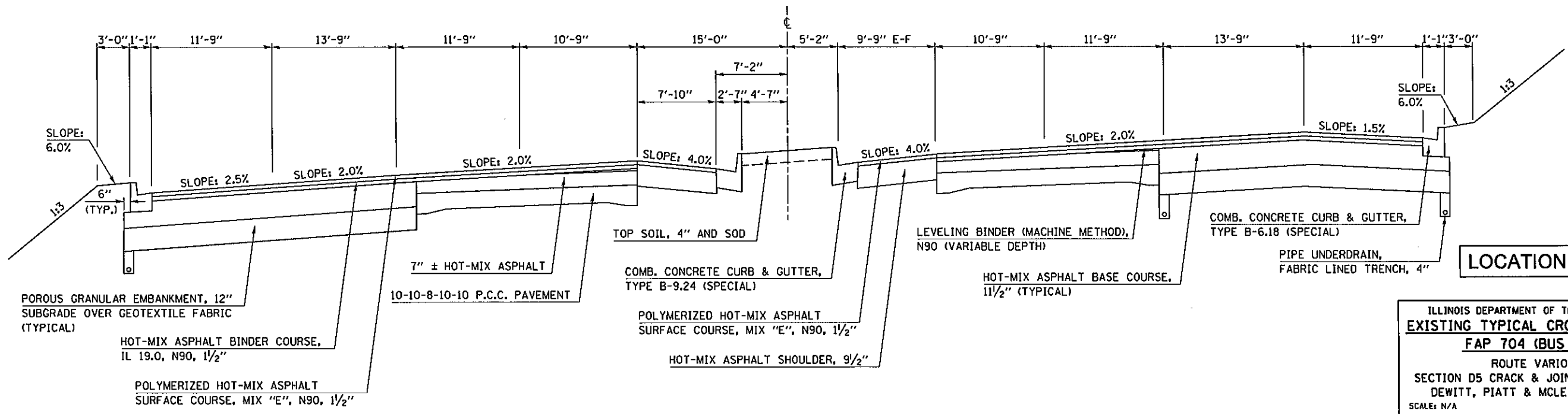
# EXISTING TYPICAL CROSS SECTION - FAP 704 (BUS I-55) 5

STATION 91+64.21 TO STATION 95+94.00



# EXISTING TYPICAL CROSS SECTION - FAP 704 (BUS I-55) 6

WITH RIGHT TURN LANES  
(SUPERELEVATED SECTION)



LOCATION #3

ILLINOIS DEPARTMENT OF TRANSPORTATION  
EXISTING TYPICAL CROSS SECTIONS  
FAP 704 (BUS I-55)  
ROUTE VARIOUS  
SECTION D5 CRACK & JOINT SEAL 2008-1  
DEWITT, PIATT & MCLEAN COUNTIES  
SCALE: N/A DRAWN BY: JRP  
DATE: 08/23/07 CHECKED BY:

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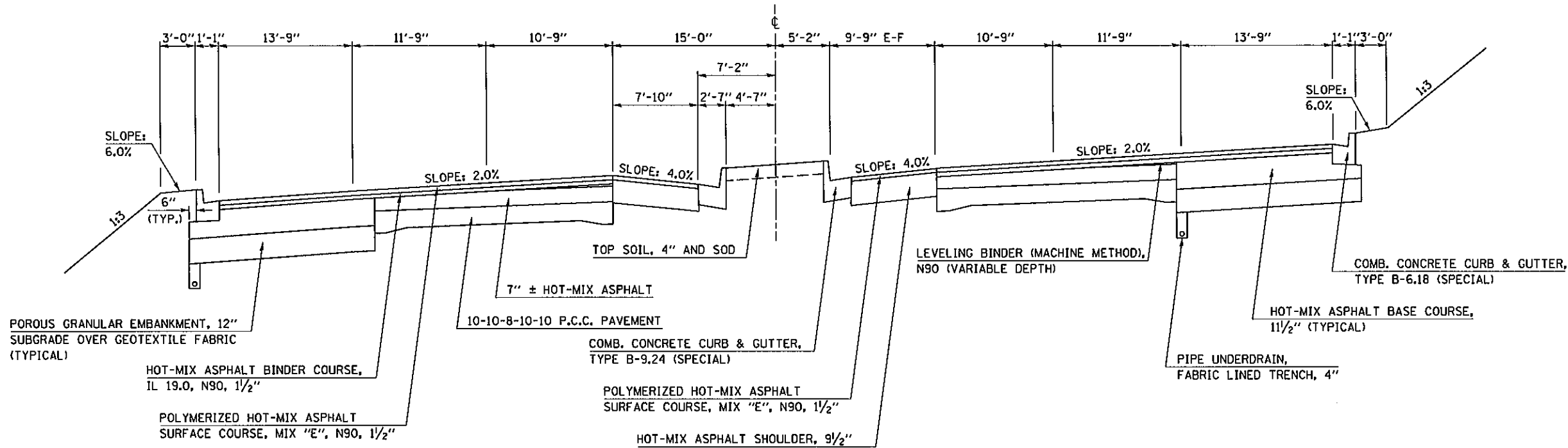
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	**	35	22

\* D5 CRACK & JOINT SEAL 2008-1  
\*\* DEWITT/PIATT/MCLEAN

LOCATION #3  
SHEET 4 OF 6

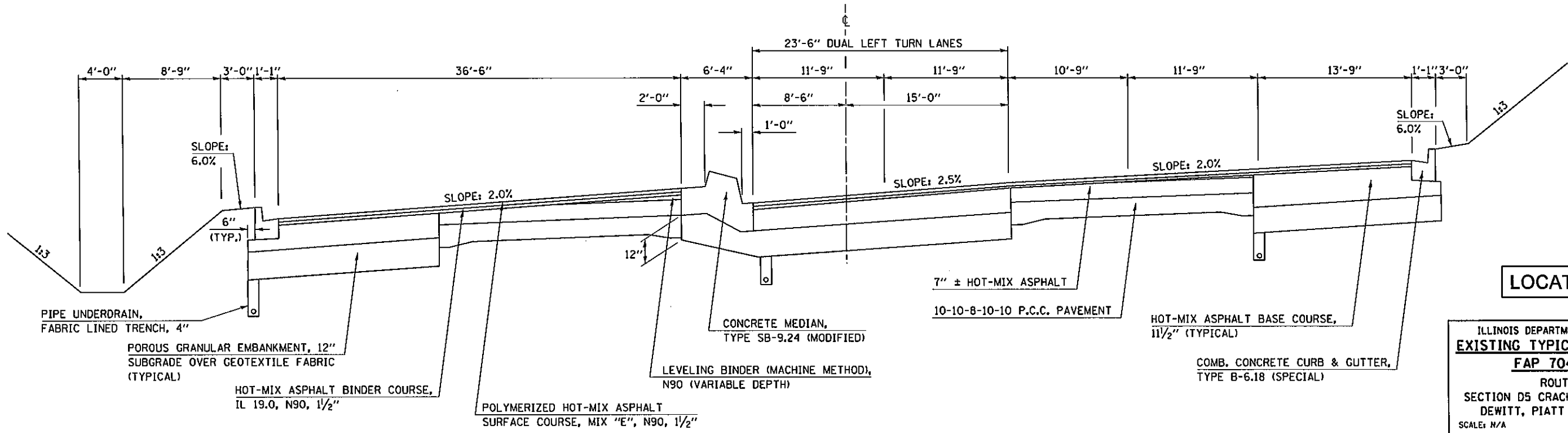
# EXISTING TYPICAL CROSS SECTION – FAP 704 (BUS I-55) 7

STATION TO STATION  
113+23.01 TO 188+62.38  
(SUPERELEVATED WITH NO TURN LANES)



# EXISTING TYPICAL CROSS SECTION – FAP 704 (BUS I-55) 8

WITH DOUBLE LEFT TURN LANE  
(SUPERELEVATED NORTHBOUND)



LOCATION #3

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
FAP 704 (BUS I-55)  
ROUTE VARIOUS  
SECTION D5 CRACK & JOINT SEAL 2008-1  
DEWITT, PIATT & MCLEAN COUNTIES  
SCALE: N/A  
DATE: 08/23/07  
DRAWN BY: JRP  
CHECKED BY:

PLT DATE = 9/21/2007  
PLT SCALE = 1/4" = 1'-0"  
USER NAME = coltman

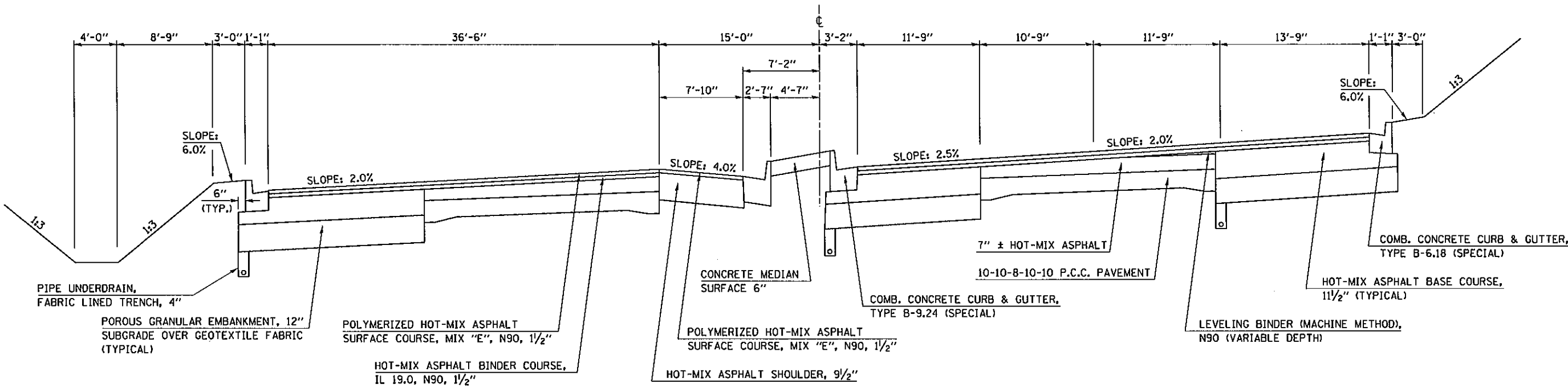
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	**	35	23

\* D5 CRACK & JOINT SEAL 2008-1  
\*\* DEWITT/PIATT/MCLEAN

LOCATION #3  
SHEET 5 OF 6

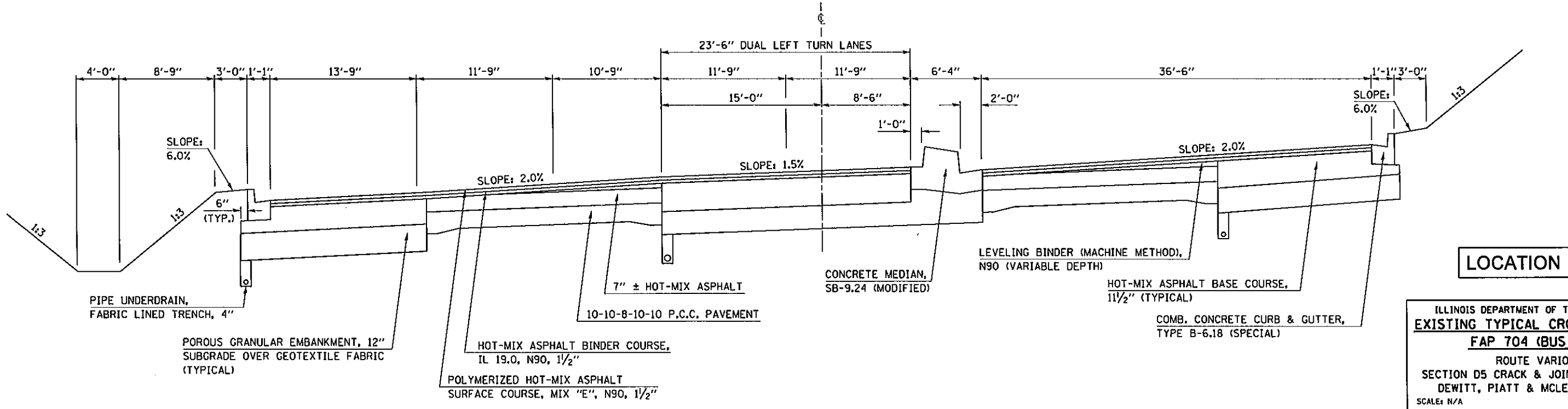
## EXISTING TYPICAL CROSS SECTION – FAP 704 (BUS I-55) 9

WITH SINGLE LEFT TURN LANE  
(SUPERELEVATED NORTHBOUND)



## EXISTING TYPICAL CROSS SECTION – FAP 704 (BUS I-55) 10

WITH DOUBLE LEFT TURN LANE  
(SUPERELEVATED SOUTHBOUND)



LOCATION #3

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
FAP 704 (BUS I-55)

ROUTE VARIOUS  
SECTION D5 CRACK & JOINT SEAL 2008-1  
DEWITT, PIATT & MCLEAN COUNTIES

SCALE: N/A  
DATE: 08/23/07

DRAWN BY: JRP  
CHECKED BY:

PLOT DATE = 02/12/08  
 FILE NAME = 04170658.dgn  
 PLOT SCALE = 43.191 / 1  
 USER NAME = collinb

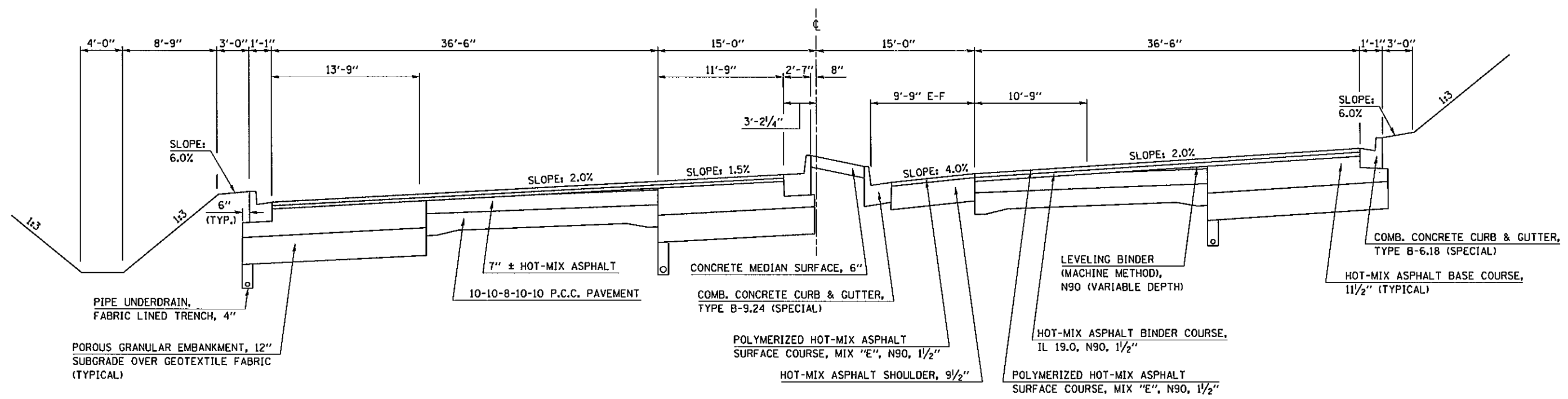
# EXISTING TYPICAL CROSS SECTION – FAP 704 (BUS I-55) 11

WITH LEFT TURN LANE  
(SUPERELEVATED SOUTHBOUND)

CONTRACT NO. 70658				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	24

\* D5 CRACK & JOINT SEAL 2008-1  
\*\* DEWITT/PIATT/MCLEAN

LOCATION #3  
SHEET 6 OF 6



LOCATION #3

ILLINOIS DEPARTMENT OF TRANSPORTATION  
EXISTING TYPICAL CROSS SECTIONS  
FAP 704 (BUS I-55)  
ROUTE VARIOUS  
SECTION D5 CRACK & JOINT SEAL 2008-1  
DEWITT, PIATT & MCLEAN COUNTIES  
SCALE: N/A  
DATE: 08/23/07  
DRAWN BY: JRP  
CHECKED BY:

PLOT DATE = 9/21/2007  
FILE NAME = c:\projects\70658\70658.dwg  
PLOT SCALE = 43.191 / IN.  
USER NAME = gallurew

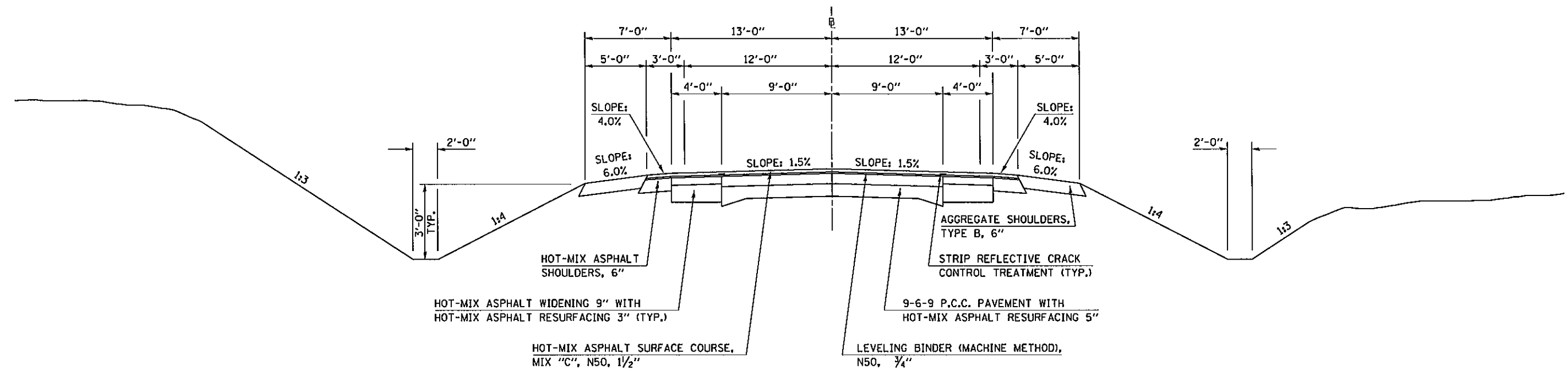


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	25

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

# EXISTING TYPICAL CROSS SECTION – FAP 693 (IL 9)

STATION TO STATION  
 216+75.00 438+30.00



LOCATION #4

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**FAP 693 (IL 9)**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES  
 SCALE: N/A DRAWN BY: JRP  
 DATE: 08/23/07 CHECKED BY:

PLOT DATE = 9/21/2007  
 FILE NAME = c:\pva\mca\70658\70658\sect.dgn  
 PLOT SCALE = 43.1981' / IN.  
 USER NAME = colthe-b

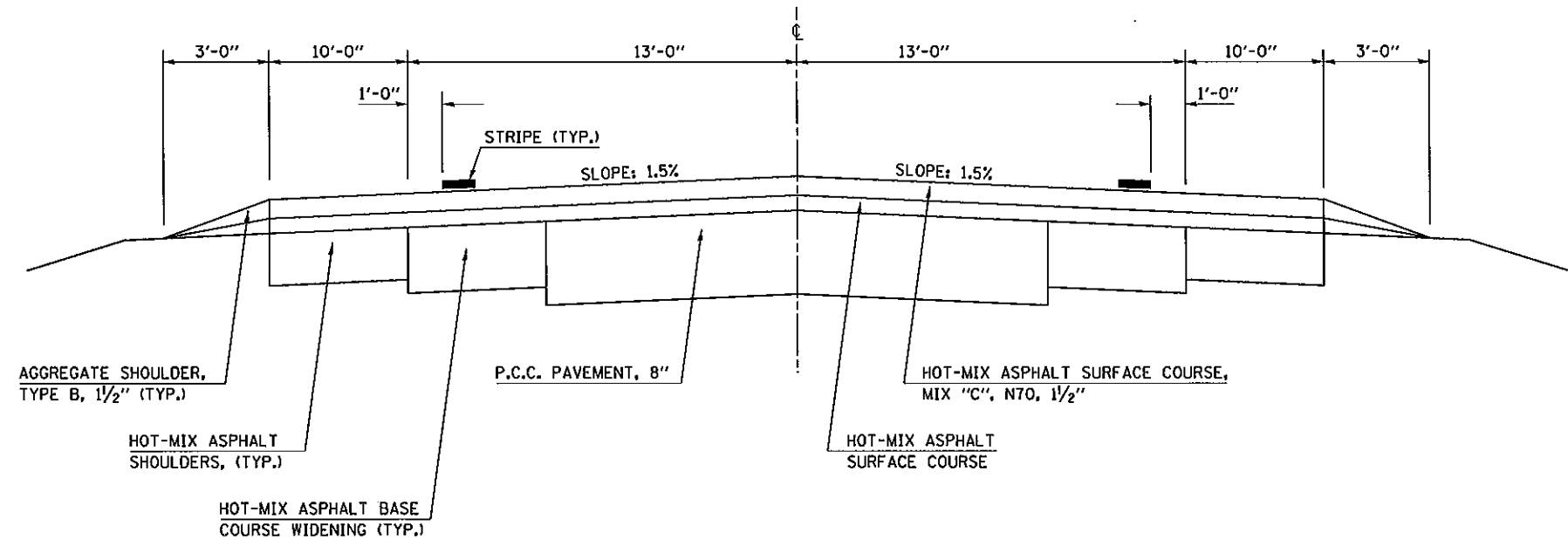
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	**	35	26

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

# EXISTING TYPICAL CROSS SECTION – FAP 315 (US 136) ①

STATION TO STATION  
 2065+80.23 TO 34+02.00 ②  
 ② 482+60.00 TO 483+35.00

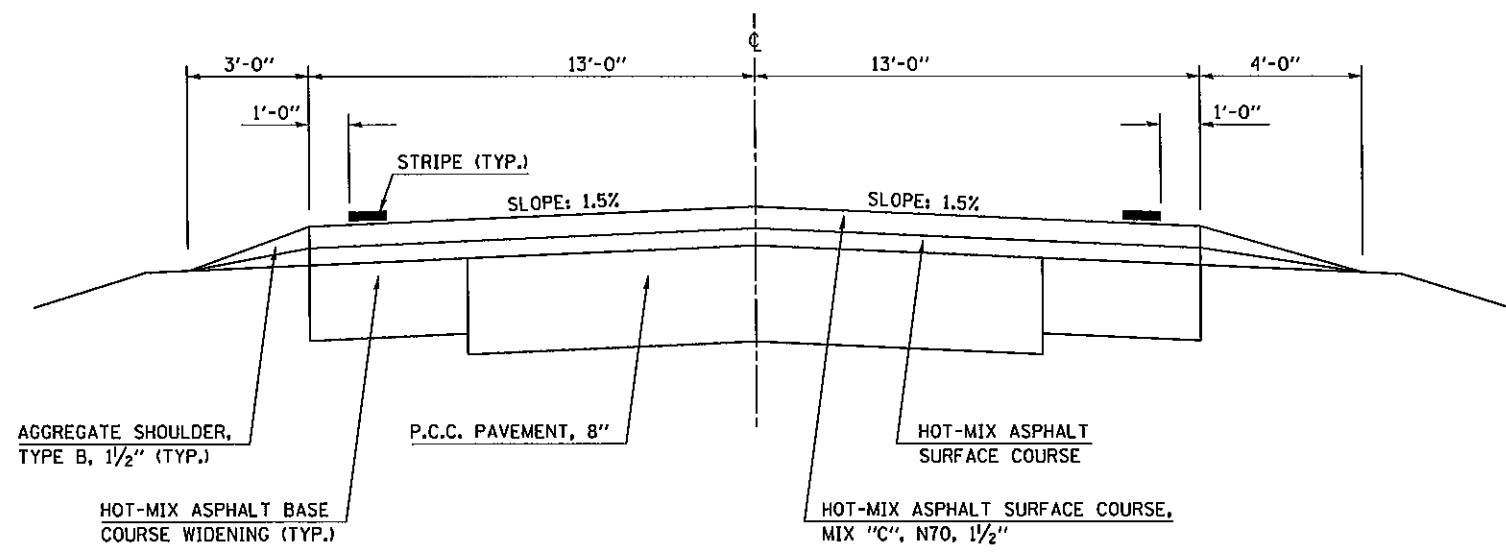
STATION EQUATION:  
 STA. 2069+52.00 (BK) = STA. 33+48.00 (AH)



# EXISTING TYPICAL CROSS SECTION – FAP 315 (US 136) ②

STATION TO STATION  
 ① 34+02.00 TO 126+95.00 (BO)  
 (BO) 128+01.00 TO 387+25.00 (BO)  
 (BO) 389+37.00 TO 427+38.00 (BO)  
 (BO) 430+02.00 TO 482+60.00 ①

(BO) = BRIDGE OMISSION



LOCATION #5

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**FAP 315 (US 136)**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES  
 SCALE: N/A DRAWN BY: JRP  
 DATE: 08/23/07 CHECKED BY:

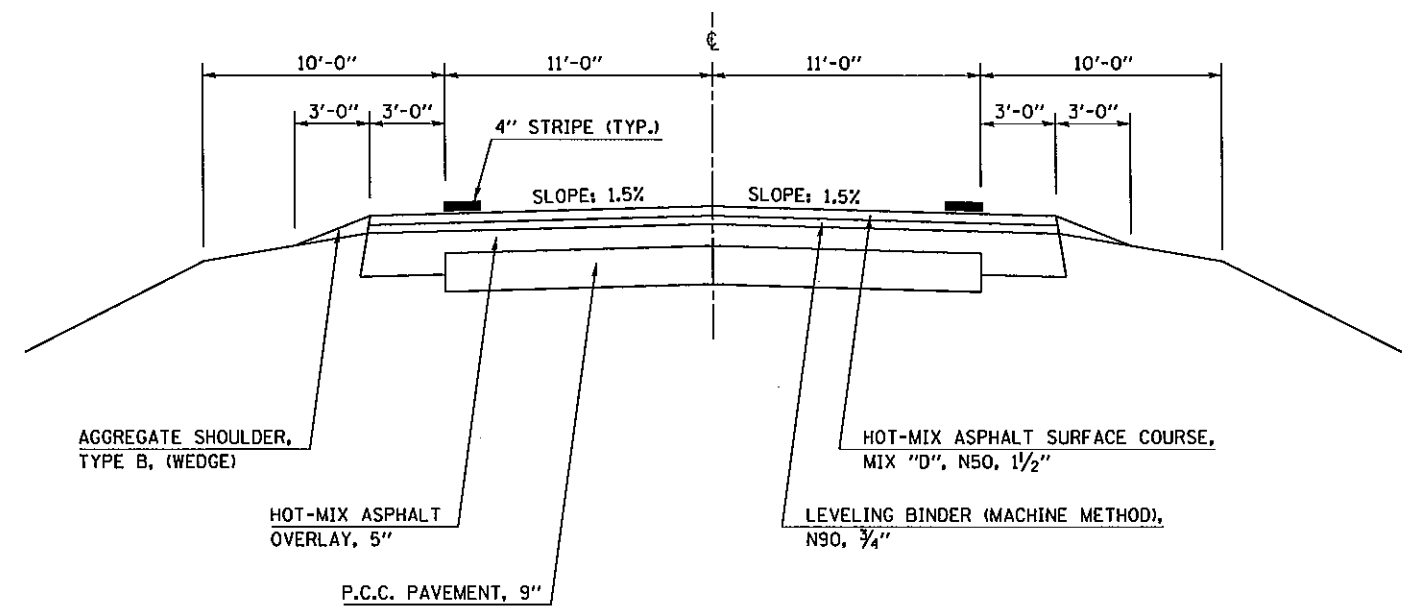
PLT DATE = 9/21/2007  
 FILE NAME = c:\p\projects\65030807\65030807.dgn  
 PLOT SCALE = 1/4" = 1'-0"  
 USER NAME = collins

F.A. RY.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	27

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

# EXISTING TYPICAL CROSS SECTION – FAP 317 (US 24)

STATION TO STATION  
 851+20.00 1133+00.00



AGGREGATE SHOULDER,  
 TYPE B, (WEDGE)

HOT-MIX ASPHALT  
 OVERLAY, 5"

P.C.C. PAVEMENT, 9"

HOT-MIX ASPHALT SURFACE COURSE,  
 MIX "D", N50, 1 1/2"

LEVELING BINDER (MACHINE METHOD),  
 N90, 3/4"

LOCATION #6

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL CROSS SECTIONS**  
**FAP 317 (US 24)**  
 ROUTE VARIOUS  
 SECTION D5 CRACK & JOINT SEAL 2008-1  
 DEWITT, PIATT & MCLEAN COUNTIES  
 SCALE: N/A  
 DATE: 08/23/07  
 DRAWN BY: JRP  
 CHECKED BY:

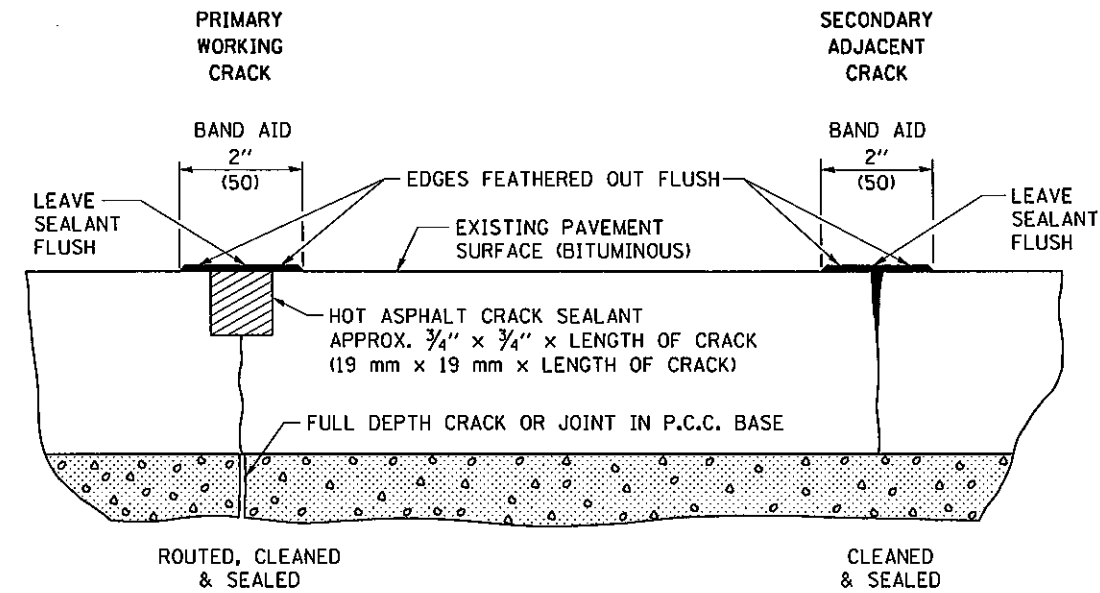
PLOT DATE = 9/21/2007  
 FILE NAME = c:\pwork\70658\70658.dgn  
 USER NAME = callahan

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	**	35	28

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

**HMA PAVEMENT**

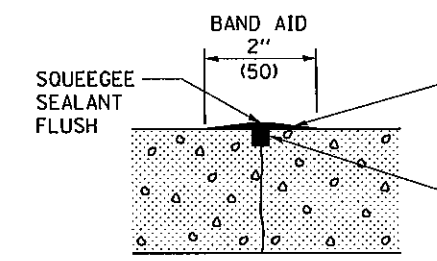
(USE PAY ITEMS : 45100100 CRACK ROUTING (PAVEMENT)  
 AND 45100200 CRACK FILLING)



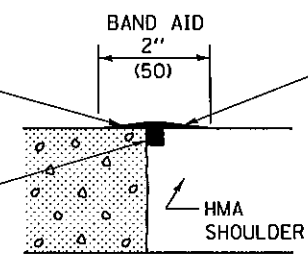
**CRACK AND JOINT SEALING**

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

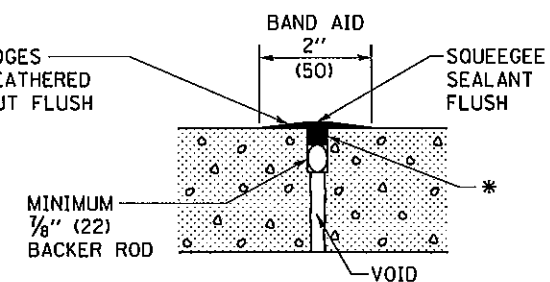
**TRANSVERSE CRACKS  
 AND JOINTS AND  
 CENTERLINE JOINT**



**LONGITUDINAL  
 SHOULDER JOINT**

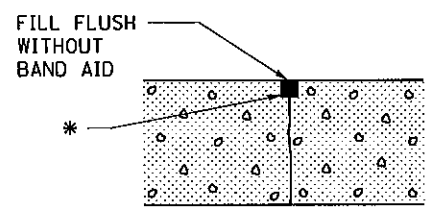


**ANY WIDE LONGITUDINAL JOINT  
 OR CRACK**

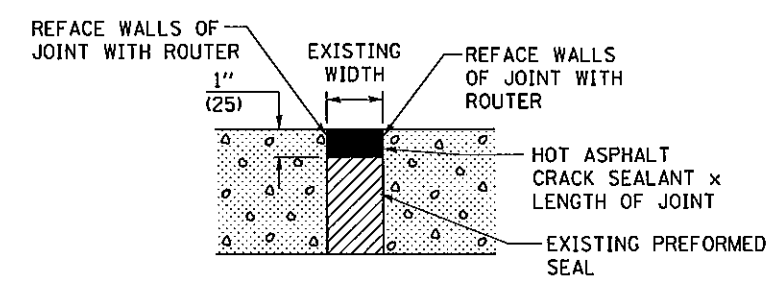


\* HOT ASPHALT CRACK SEALANT  
 APPROX. 3/4\" x 3/4\" x LENGTH OF CRACK  
 (19 mm x 19 mm x LENGTH OF CRACK)

**LONGITUDINAL  
 RANDOM CRACK**



**TRANSVERSE  
 EXPANSION JOINT**



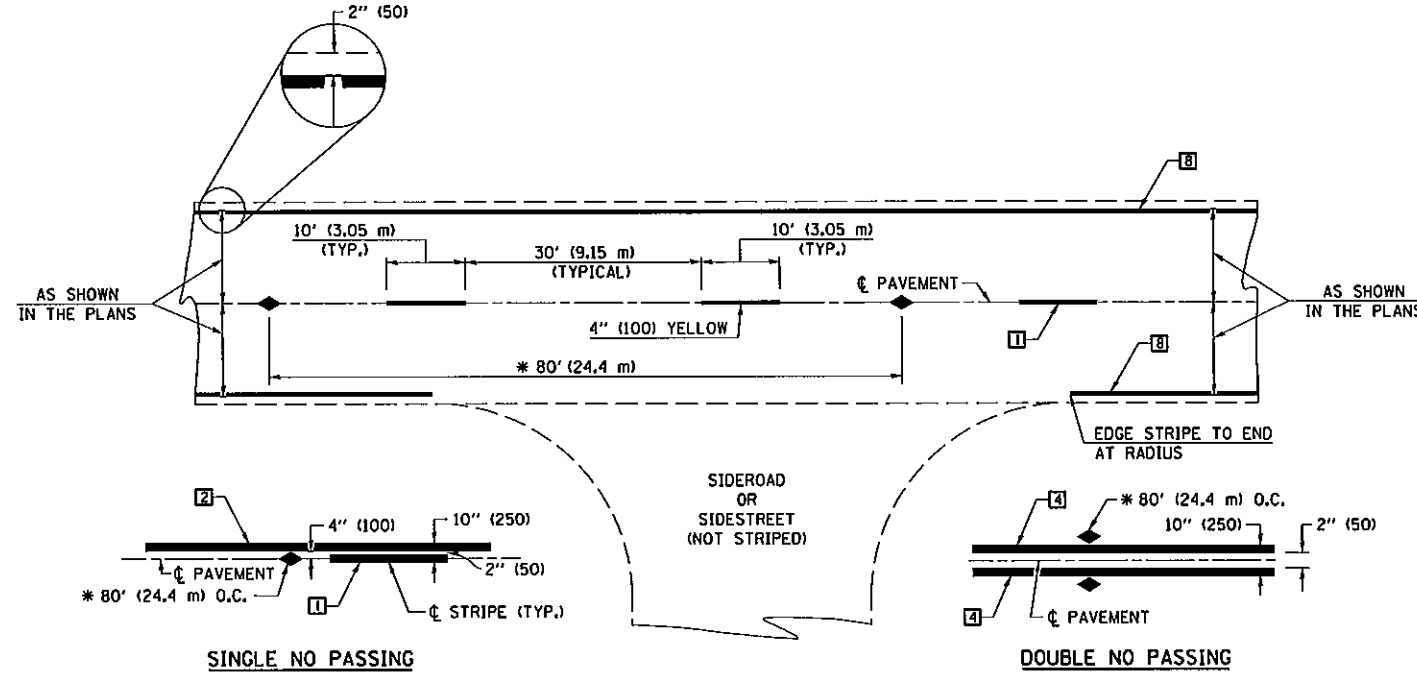
Note: All dimensions are in INCHES  
 (millimeters) unless otherwise shown.

DATE	REVISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
12-13-06	RENUMBERED/COMBINED X-2.03 & X-2.04 & X-2.05 MISC. REV.	T.J.B.	<b>CRACK AND JOINT SEALING</b>
			<b>DISTRICT 5 DETAIL NO. 45AAAAA</b>

PLOT DATE = 9/21/2007  
 FILE NAME = c:\pva\mca\70658\seal.dgn  
 PLOT SCALE = 43.1981 / 1  
 USER NAME = collins-b

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	**	35	29

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN



\* 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**

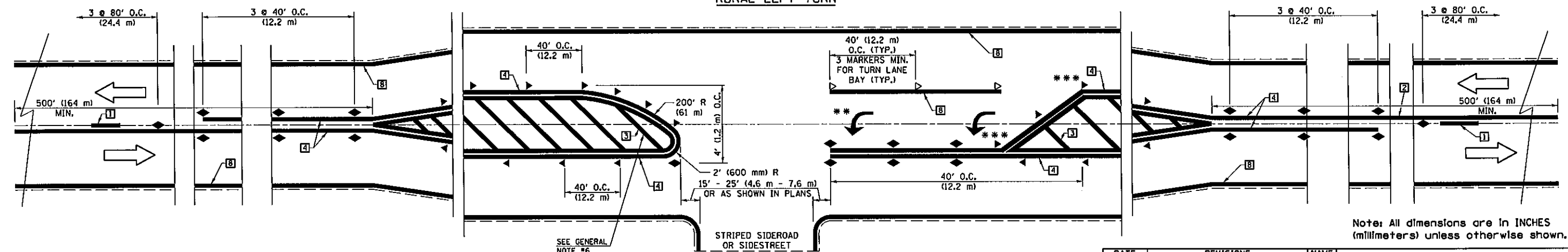
**TYPICAL PAVEMENT MARKING LEGEND**

- 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.

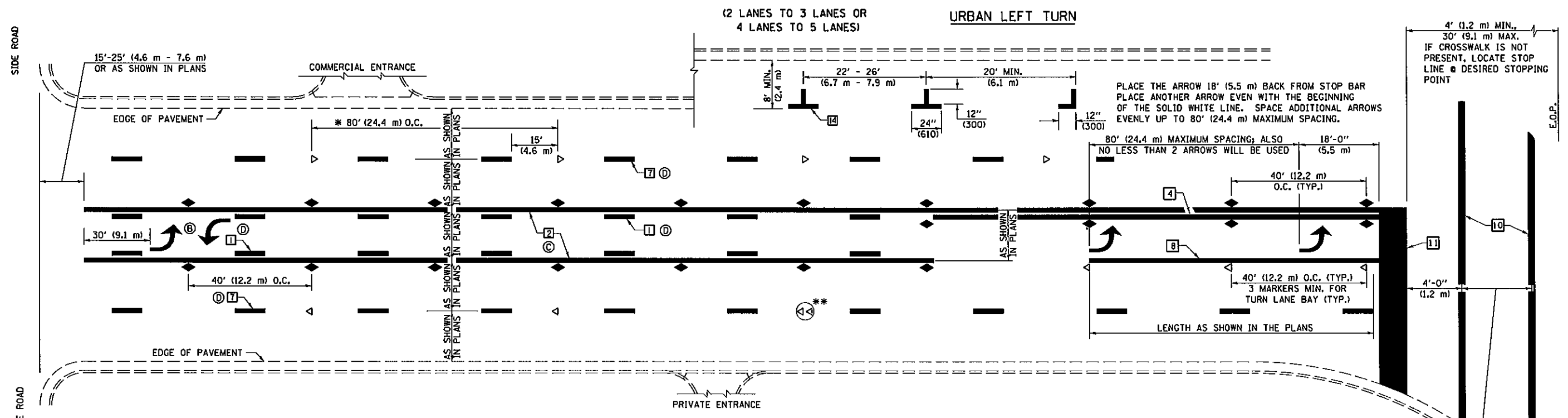
\*\*\* REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.  
 \*\* TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

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 = 9/21/2007  
 FILE NAME = c:\p\projects\70658\dwg\70658main.dwg  
 PLOT SCALE = 43.191 / IN.  
 USER NAME = collinrb

F.A. RTE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	*	**	35	30

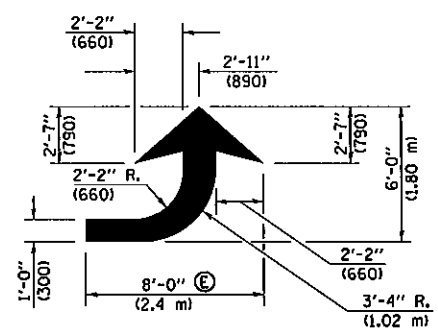
\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN



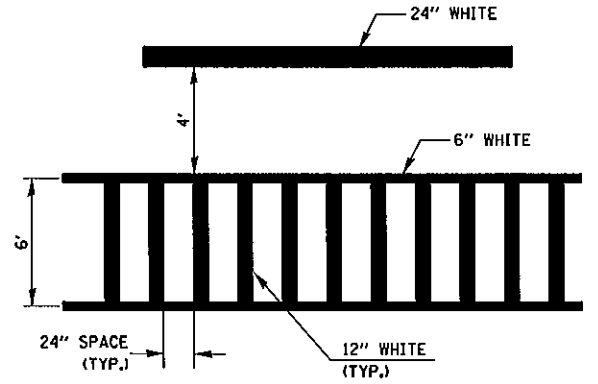
\* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

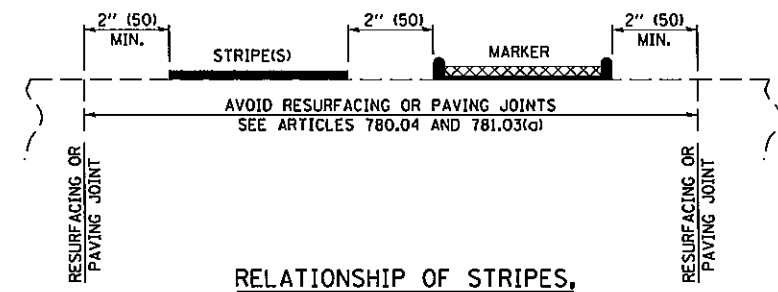
BLOOMINGTON-NORMAL CITY LIMITS ONLY



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

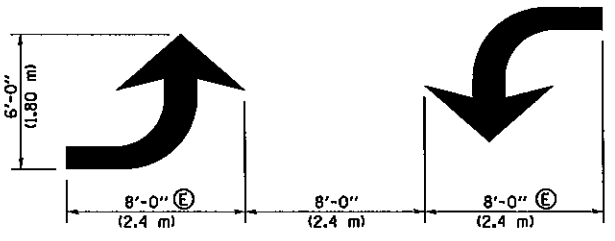


TYPICAL SPACING FOR CROSSWALKS & STOP BARS

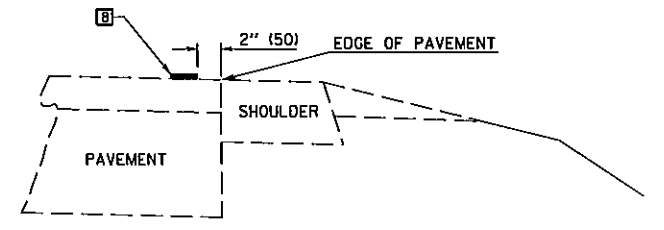


RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

- 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

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

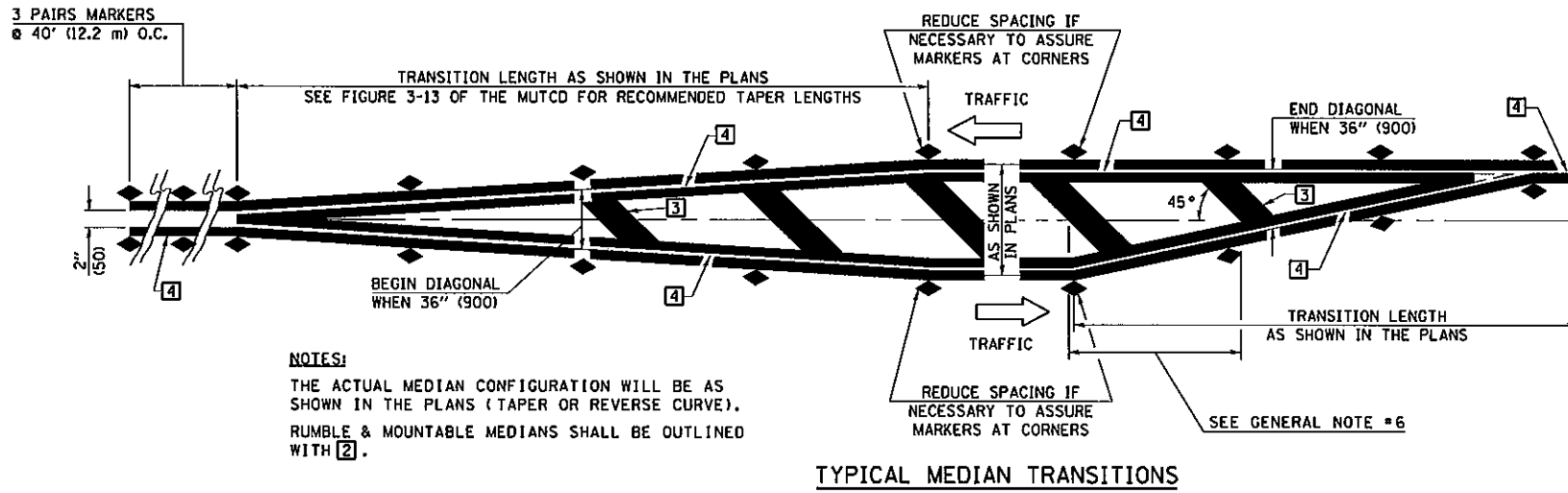
DATE	REVISIONS	NAME
11/06	REPLACED DETAIL F-5.25	TJB

ILLINOIS DEPARTMENT OF TRANSPORTATION	
<b>PAVEMENT MARKING AND MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	
<b>DISTRICT 5 DETAIL NO. 7800AAAA</b>	

PLOT DATE = 9/21/2007  
 FILE NAME = c:\pave\mkt\70658\mkt.dgn  
 PLOT SCALE = 43.191 / IN.  
 USER NAME = gollubch

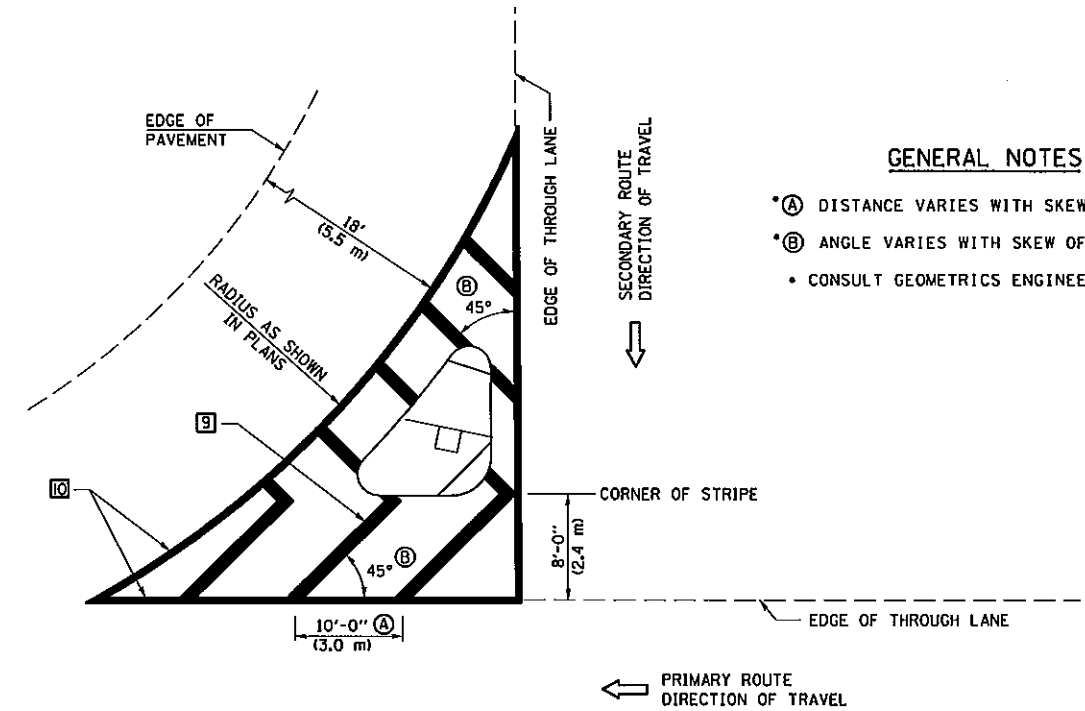
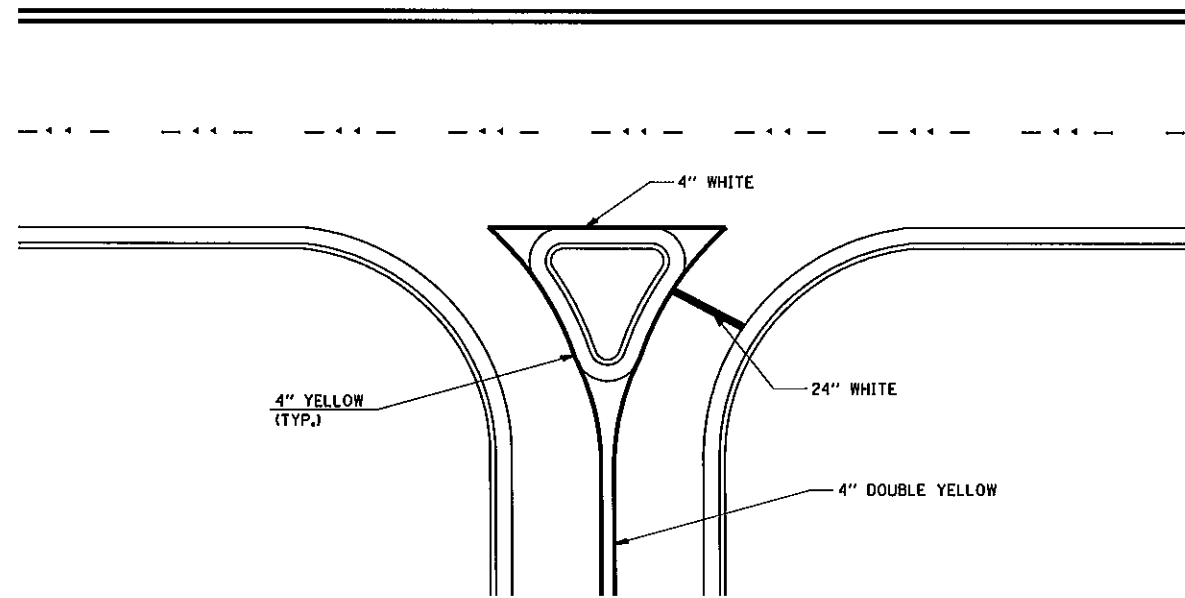
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	31

\* D5 CRACK & JOINT SEAL 2008-1  
\*\* DEWITT/PIATT/MCLEAN



**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)



**GENERAL NOTES**

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

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>

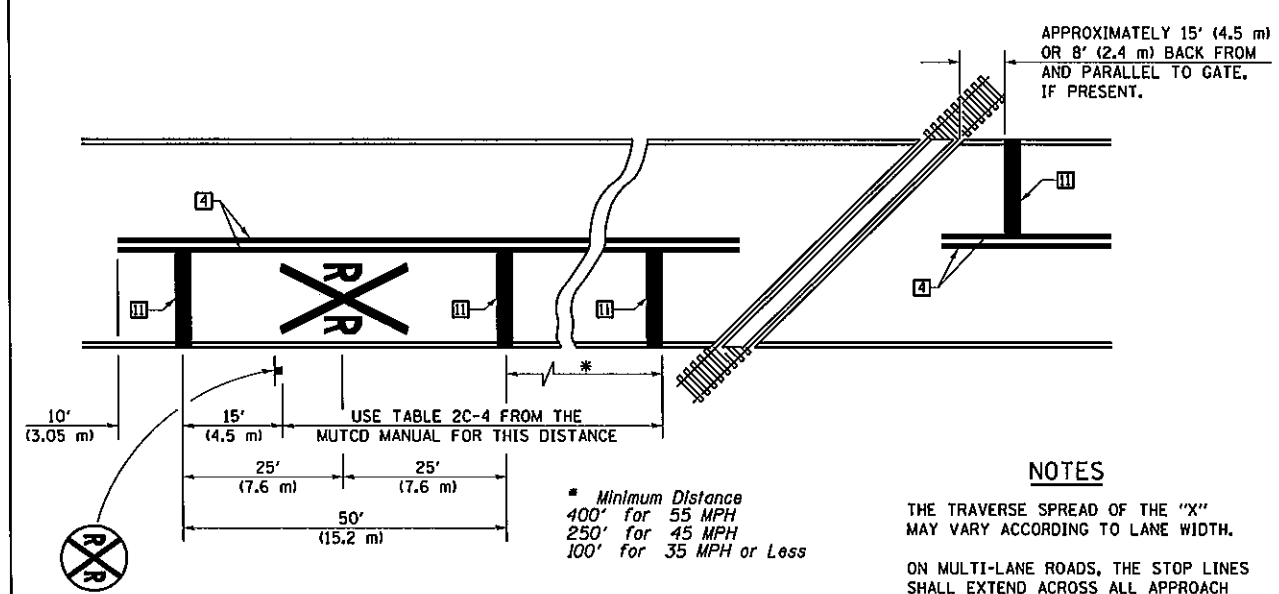
PLOT DATE = 9/21/2007  
 FILE NAME = c:\pavement\70658\70658.dgn  
 PLOT SCALE = 1/16" = 1' / 16"  
 USER NAME = colthorpe

P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	32

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



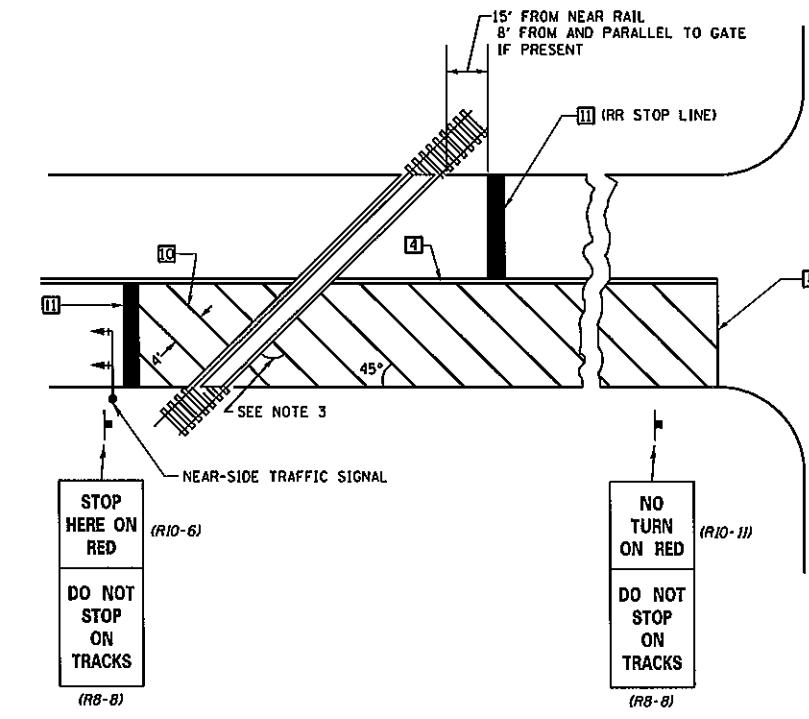
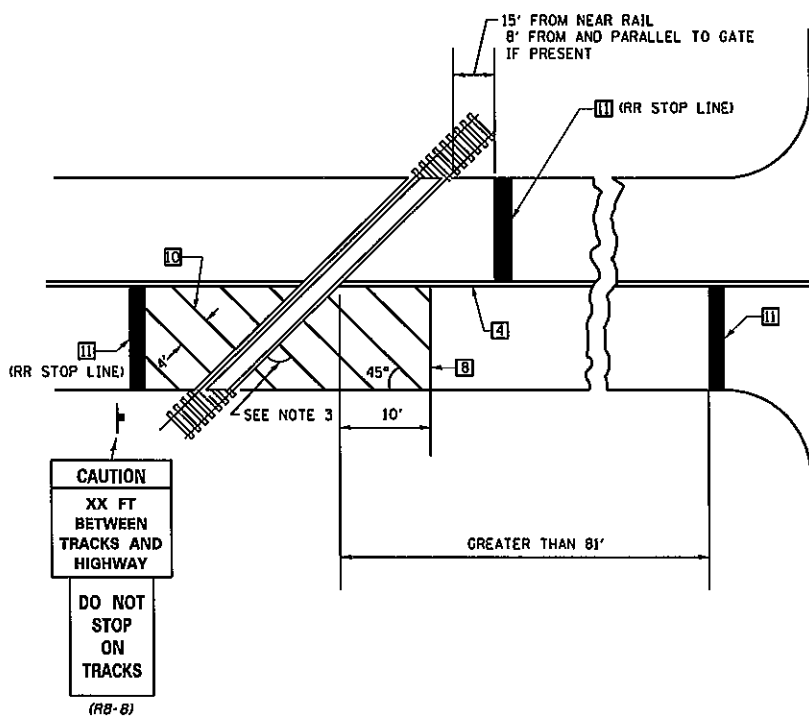
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

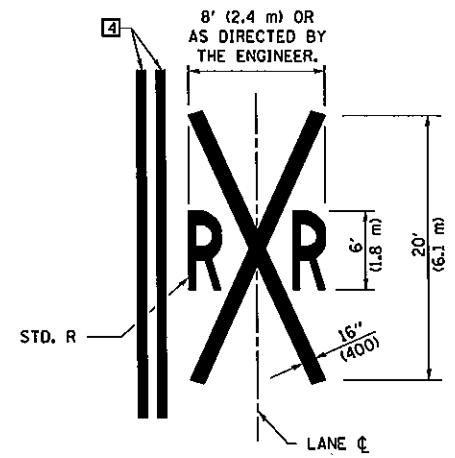
THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

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 11-1, CONDITION B OF THE MUTCD.



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



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.
- 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.

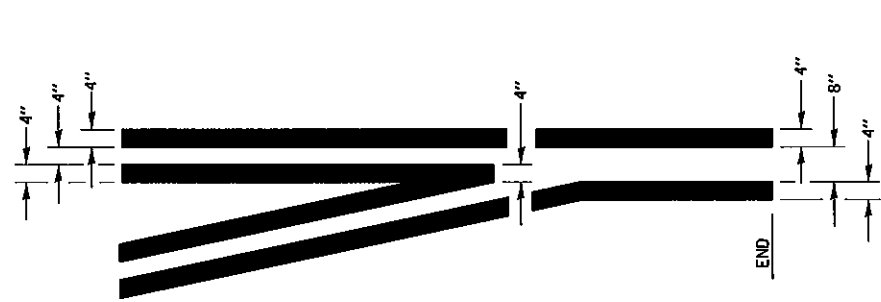
DATE	REVISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
11/06	REPLACED DETAIL F-5.25	TJB	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
			DISTRICT 5 DETAIL NO. 7800AAAA

PLOT DATE = 9/21/2007  
 FILE NAME = c:\pwork\mca\6903007 (e)70658\hmc.dgn  
 PLOT SCALE = 431.991 / 1" = 100'  
 USER NAME = collierbw

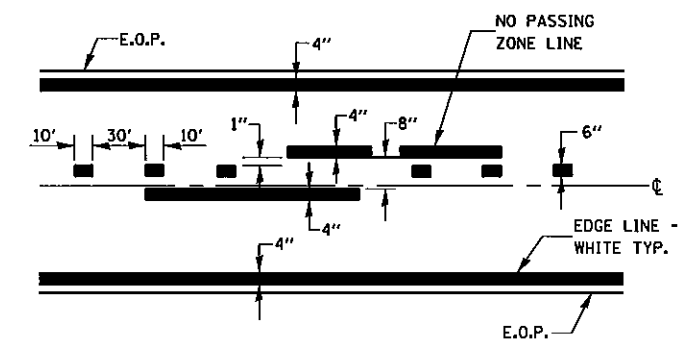
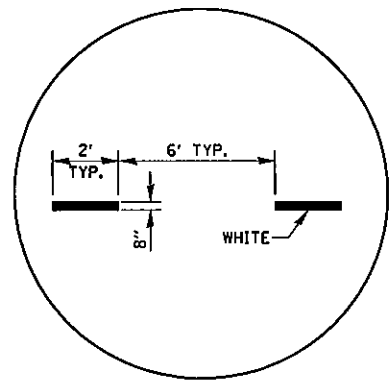
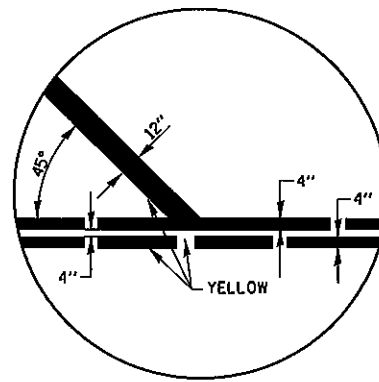


F.A. RTE. VAR.	SECTION *	COUNTY **	TOTAL SHEETS 35	SHEET NO. 33
----------------	-----------	-----------	-----------------	--------------

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

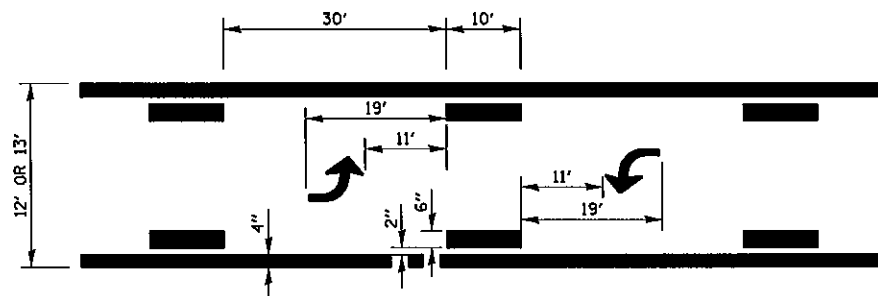


**TYPICAL APPLICATION  
 @ LEFT TURN LANES**

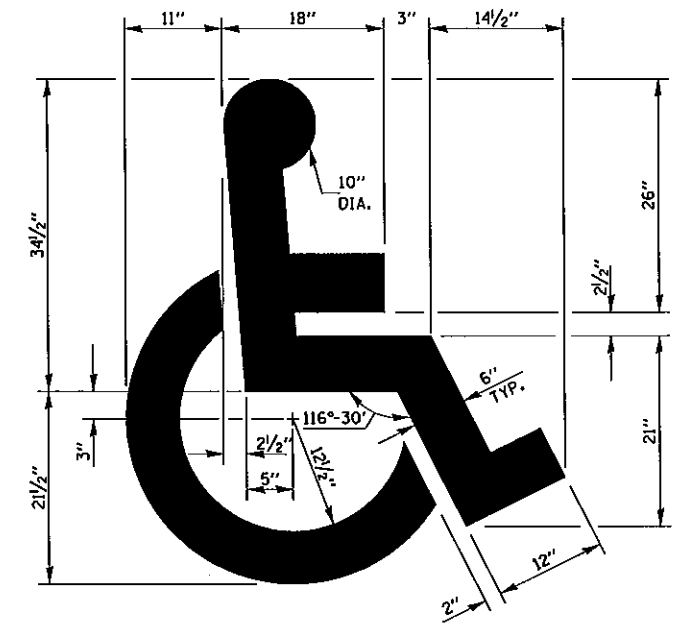
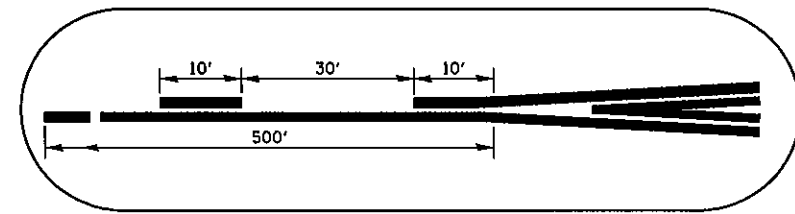
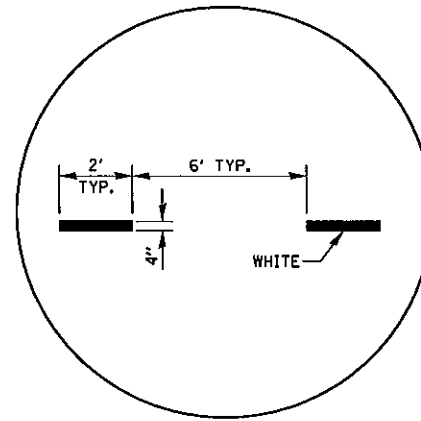


(SEE TYPICAL SECTIONS)

**PAVEMENT MARKING**



**TYPICAL APPLICATION @  
 BI-DIRECTIONAL TURN LANE**



**TYPICAL DETAIL FOR  
 PAINTING HANDICAP MARKINGS**

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

DATE	REVISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
11/06	CREATED FROM 04 DETAILS	TJB	

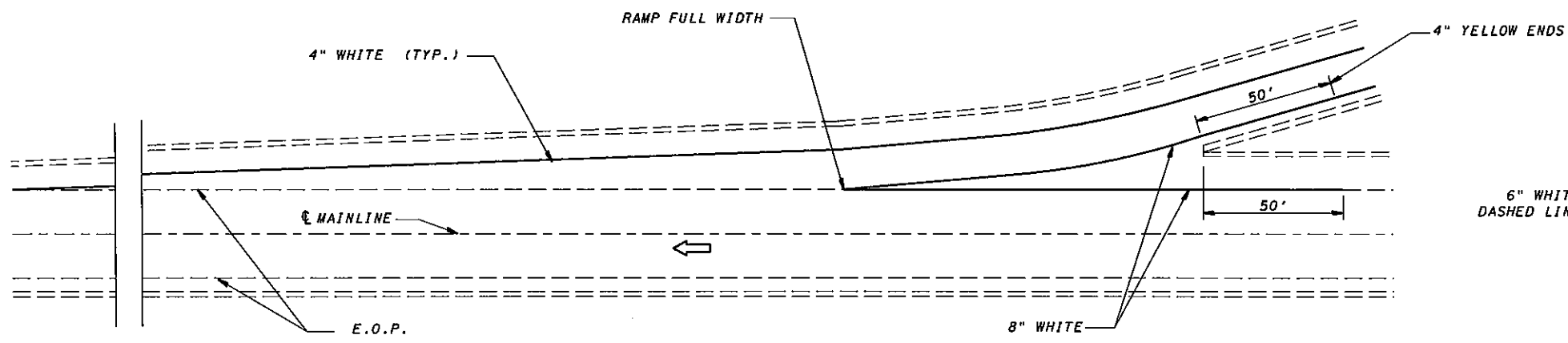
**PAVEMENT MARKING  
 (MCLEAN COUNTY "SPOT"  
 IMPROVEMENTS ONLY)**

**DISTRICT 5 DETAIL NO. 7800CCCC**

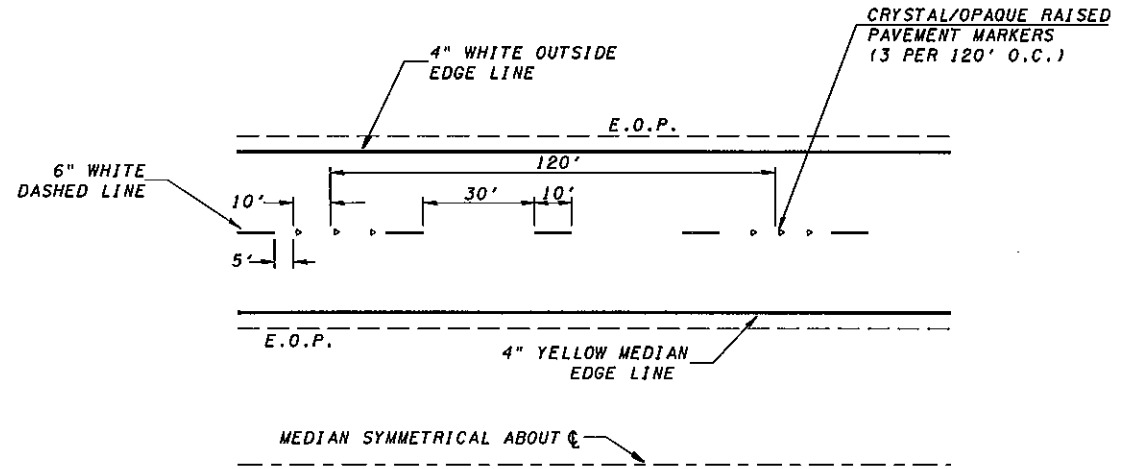
PLOT DATE = 9/21/2007  
 FILE NAME = c:\pva\janta\70658\70658.dgn  
 PLOT SCALE = 431/81 / 1/16  
 USER NAME = collardc

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	34

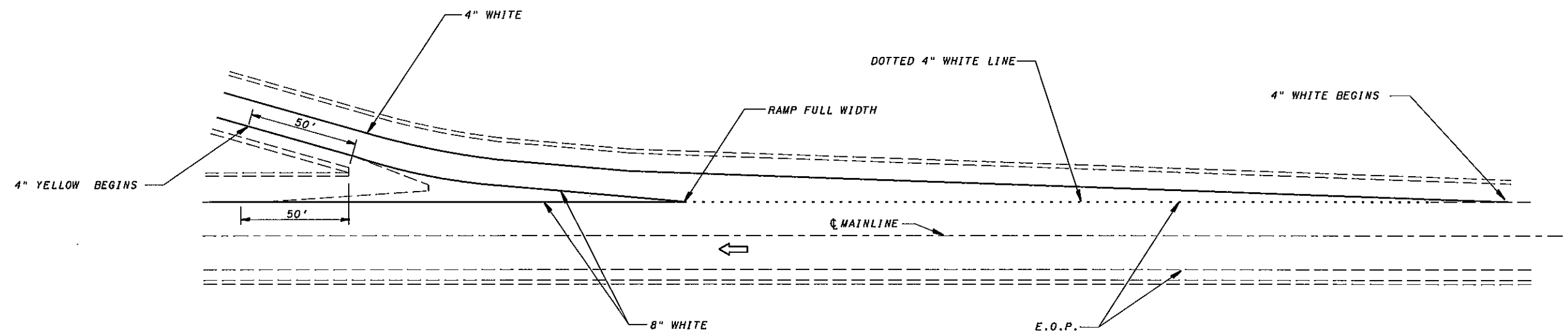
\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN



**TYPICAL PAVEMENT MARKING FOR ENTRANCE RAMP TERMINALS**



**TYPICAL PAVEMENT MARKINGS**



**TYPICAL PAVEMENT MARKINGS FOR EXIT RAMP TERMINALS**

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

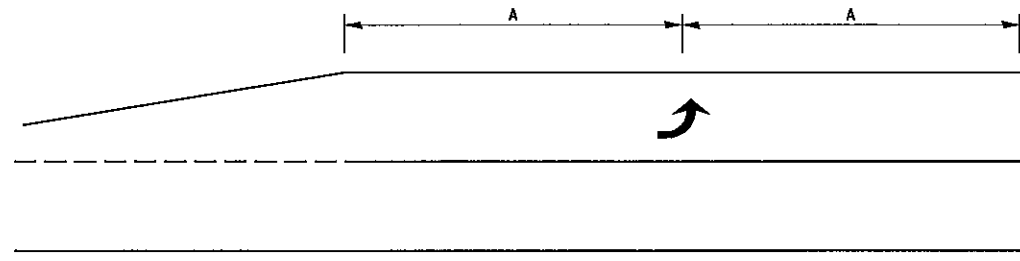
DATE	REVISIONS	NAME
11/06	CREATED FROM D4 DETAILS	TJB

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING  
 (MCLEAN COUNTY "SPOT"  
 IMPROVEMENTS ONLY)**  
 DISTRICT 5 DETAIL NO. 7800CCCC

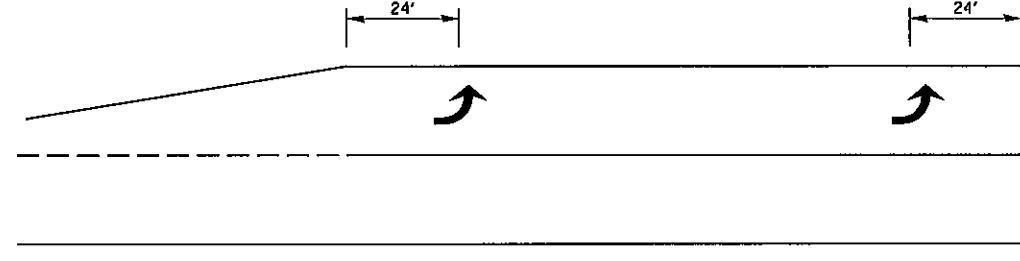
PLOT DATE = 9/21/2007  
 FILE NAME = c:\pavement\70658\70658main.dgn  
 PLOT SCALE = 43.1981 / 1" = 100'  
 USER NAME = colthebv

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	35	35

\* D5 CRACK & JOINT SEAL 2008-1  
 \*\* DEWITT/PIATT/MCLEAN

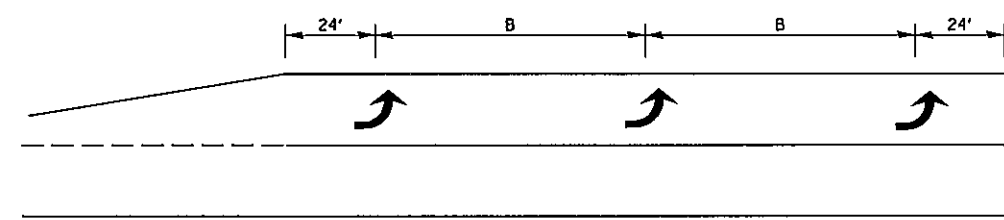


99' AND UNDER

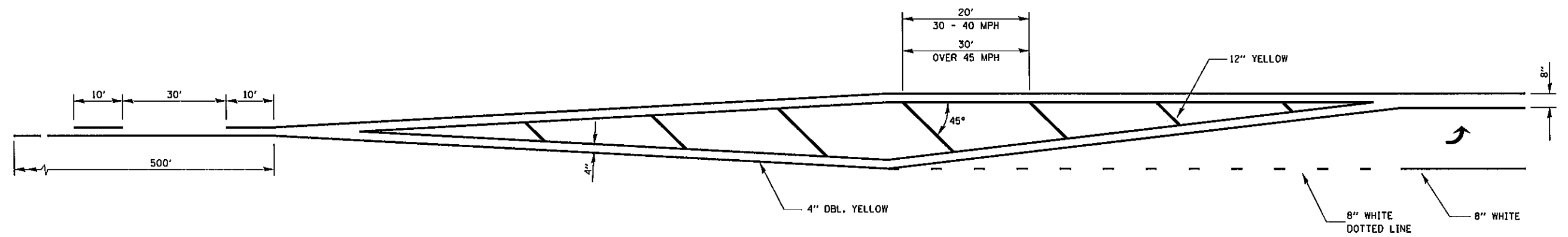


100' TO 149'

TYPICAL PLACEMENT OF ARROWS  
 IN TURN LANES



150' AND LONGER



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

DATE	REVISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
11/06	CREATED FROM D4 DETAILS	TJB	PAVEMENT MARKING (MCLEAN COUNTY "SPOT" IMPROVEMENTS ONLY) DISTRICT 5 DETAIL NO. 7800CCCC

PLOT DATE = 9/20/2007  
 FILE NAME = c:\projects\70658\70658.dgn  
 PLOT SCALE = 43.1991' / IN.  
 USER NAME = collinsb