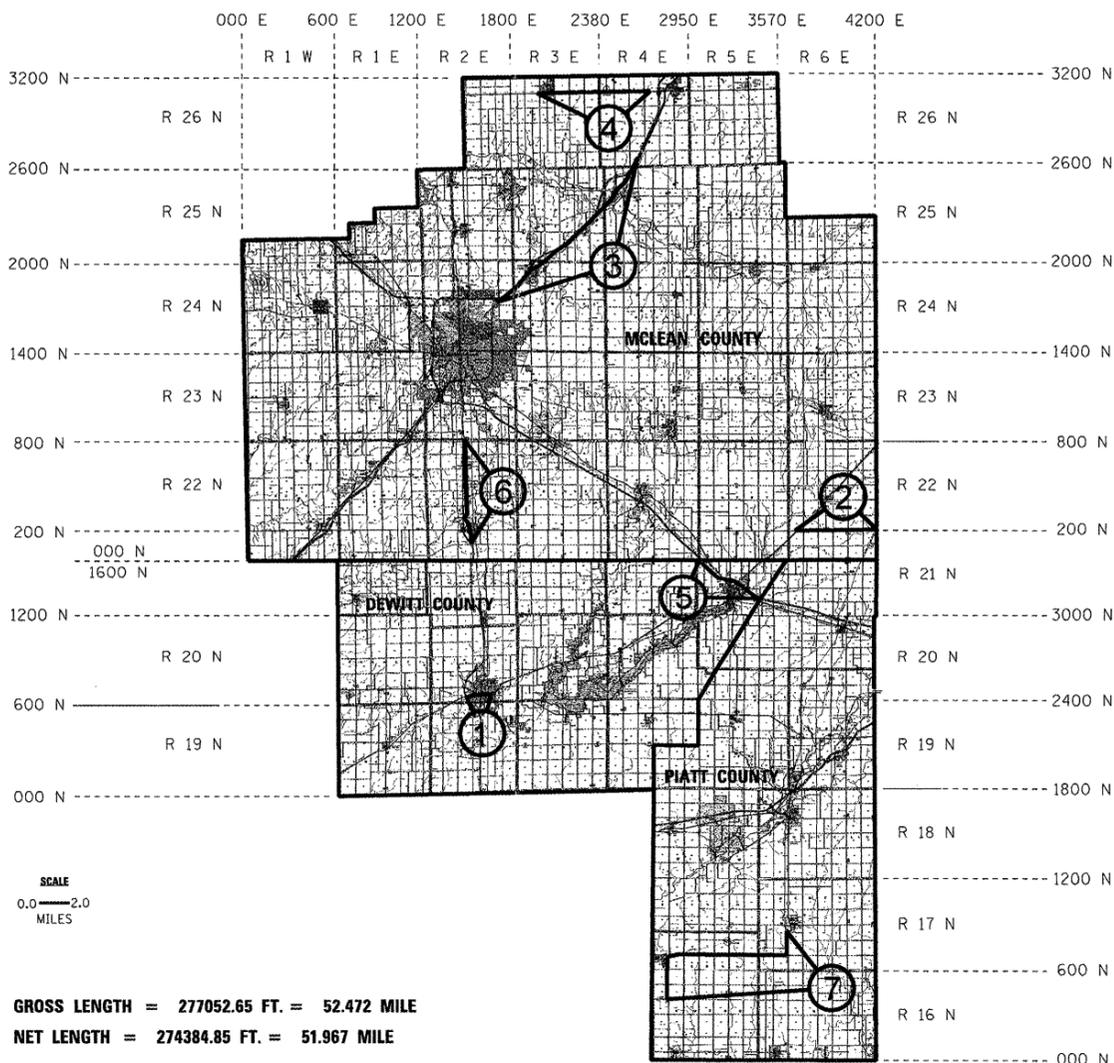


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**
VARIOUS ROUTES
SECTION D5 CRACK & JOINT SEAL 2011-1
ROUTE & SEAL
MCLEAN, DEWITT, PIATT COUNTIES

C-95-057-10

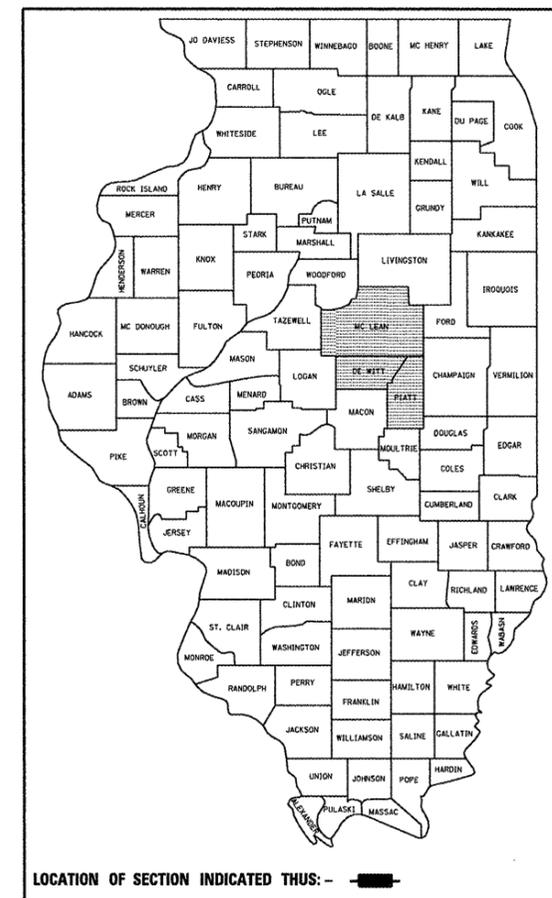
SEE PAGES 3-9 FOR LOCATION MAPS, GROSS & NET LENGTHS OF PROJECT BY LOCATION



GROSS LENGTH = 277052.65 FT. = 52.472 MILE
NET LENGTH = 274384.85 FT. = 51.967 MILE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	33	1
		ILLINOIS	CONTRACT NO. 70880	

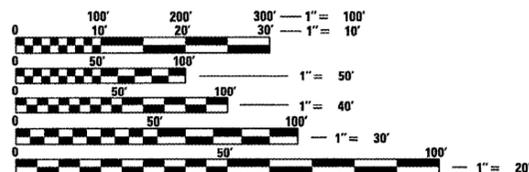
* D5 CRACK & JOINT SEAL 2011-1
** MCLEAN, DEWITT, & PIATT



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

FOR INDEX OF SHEETS, SEE SHEET NO. 2

- LOCATION 1: FAP 71 (IL54)
AVERAGE ADT = 10,300 (2010)
FROM I-51 BYPASS TO IL10/IL54 SPLIT
- LOCATION 2: FAP 709 (US136)
AVERAGE ADT = 800 (2010)
FROM IL54 TO CHAMPAIGN COUNTY LINE
- LOCATION 3: OLD ROUTE 66
AVERAGE ADT = 2350 (2010)
FROM NO. OF LEXINGTON TO SO. OF TOWANDA
- LOCATION 4: FAP 317 (US24)
AVERAGE ADT = 6300 (2010)
FROM GRIDLEY TO CHENOA
- LOCATION 5: FAI - 74 DEWITT COUNTY
AVERAGE ADT = 19500 (2010)
FROM MCLEAN COUNTY TO PIATT COUNTY
- LOCATION 6: FAS 1476 (OLD US51)
AVERAGE RURAL ADT = 700 (2010)
AVERAGE URBAN ADT = 2000 (2010)
FROM SO. OF I-74 TO SO. OF HEYWORTH
- LOCATION 7: FAP 741 (IL105)
AVERAGE NB/SB ADT = 1700 (2010)
AVERAGE EB/WB ADT = 900 (2010)
FROM SO. OF BEMENT TO SO. OF CERRO GORDO



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER : NANCY FASIG
PROJECT MANAGER : TODD BLACK
PHONE NUMBER: (217)-465-4181
CONTRACT NO. 70880

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 2/11/2011
Justin L. Anderson
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 25 2011
Scott E. Stitt, P.E.
Acting ENGINEER OF DESIGN AND ENVIRONMENT

March 25 2011
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS / HIGHWAY STANDARDS
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10	GENERAL NOTES
11	SUMMARY OF QUANTITIES
12	SCHEDULE OF QUANTITIES
13 - 27	TYPICAL CROSS SECTIONS
28	TYPICAL DETAIL FOR CRACK AND JOINT SEALING
29 - 33	TYPICAL APPLICATIONS OF PAVEMENT MARKINGS AND MARKERS

HIGHWAY STANDARDS

000001 - 06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701306 - 03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701311 - 03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701400 - 05	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701406 - 06	LANE CLOSURE, FREEWAY / EXPRESSWAY - DAY ONLY
701411 - 07	LANE CLOSURE, MULTI-LANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701426 - 04	LANE CLOSURE, MULTI LANE, INTERMITTANT OR MOVING OPERATION FOR SPEEDS > 45 MPH
701427	LANE CLOSURE, MULTI LANE, INTERMITTANT OR MOVING OPERATION FOR SPEEDS ≤ 45 MPH
701501 - 06	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701502 - 04	URBAN LANE CLOSURE, 2L, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701 - 07	URBAN LANE CLOSURE, MULTI-LANE INTERSECTION
701901 - 01	TRAFFIC CONTROL DEVICES
780001 - 02	TYPICAL PAVEMENT MARKINGS

* D5 CRACK & JOINT SEAL 2011-1
 ** MCLEAN, DEWITT, & PIATT

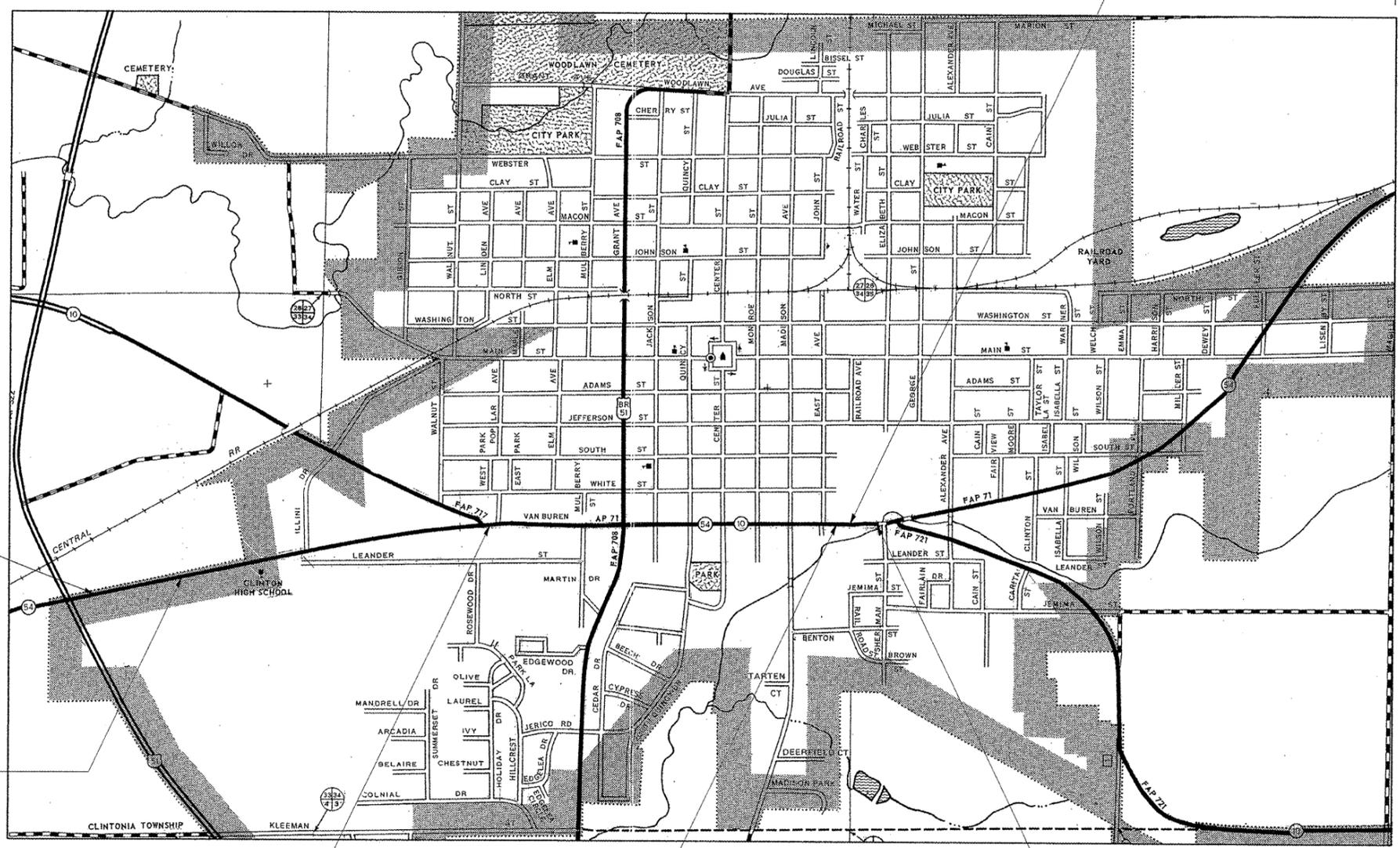
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PLOT SCALE = 40,0000 / IN.	CHECKED -	DRAWN -	REVISED -			VAR.	*	**	33	2
PLOT DATE = 2/3/2011	DATE - 1-13-10	CHECKED -	REVISED -		SCALE:	SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 70880 ILLINOIS FED. AID PROJECT		

LOCATION MAP 1 – CLINTON – DEWITT COUNTY

FAP 71 (IL 54) FROM I-57 BY-PASS TO IL 10 /IL 54 SPLIT

R 2 E

S.N. 020-9903
STA. 1998+78.47



BEGIN PROJECT
STA. 361+82

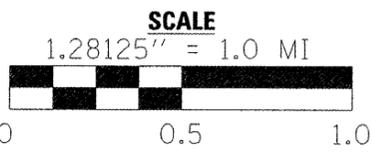
STATION EQUATION
 $368+50.74(BK)=1001+09.30(AH)$

600 N

STATION EQUATION
 $1036+60.60(BK)=1138+80.66(AH)$

STATION EQUATION
 $1167+64.67(BK)=1997+27.00(AH)$

END PROJECT
STATION EQUATION
POT STA. 1999+99.88 (IL54/IL10)=
PC STA. 23+41.00 (IL10)



GROSS LENGTH OF LOCATION #1 = 7376.93 FT. = 1.397 MILE
NET LENGTH OF LOCATION #1 = 7376.93 FT. = 1.397 MILE

- * D5 CRACK & JOINT SEAL 2011-1
- ** MCLEAN, DEWITT, & PIATT

FILE NAME =	USER NAME = buklesjj	DESIGNED -	REVISED -
ct:\pw_work\pwidot\buklesjj\d0252724\05	0880-sht-cover.dgn	DRAWN -	REVISED -
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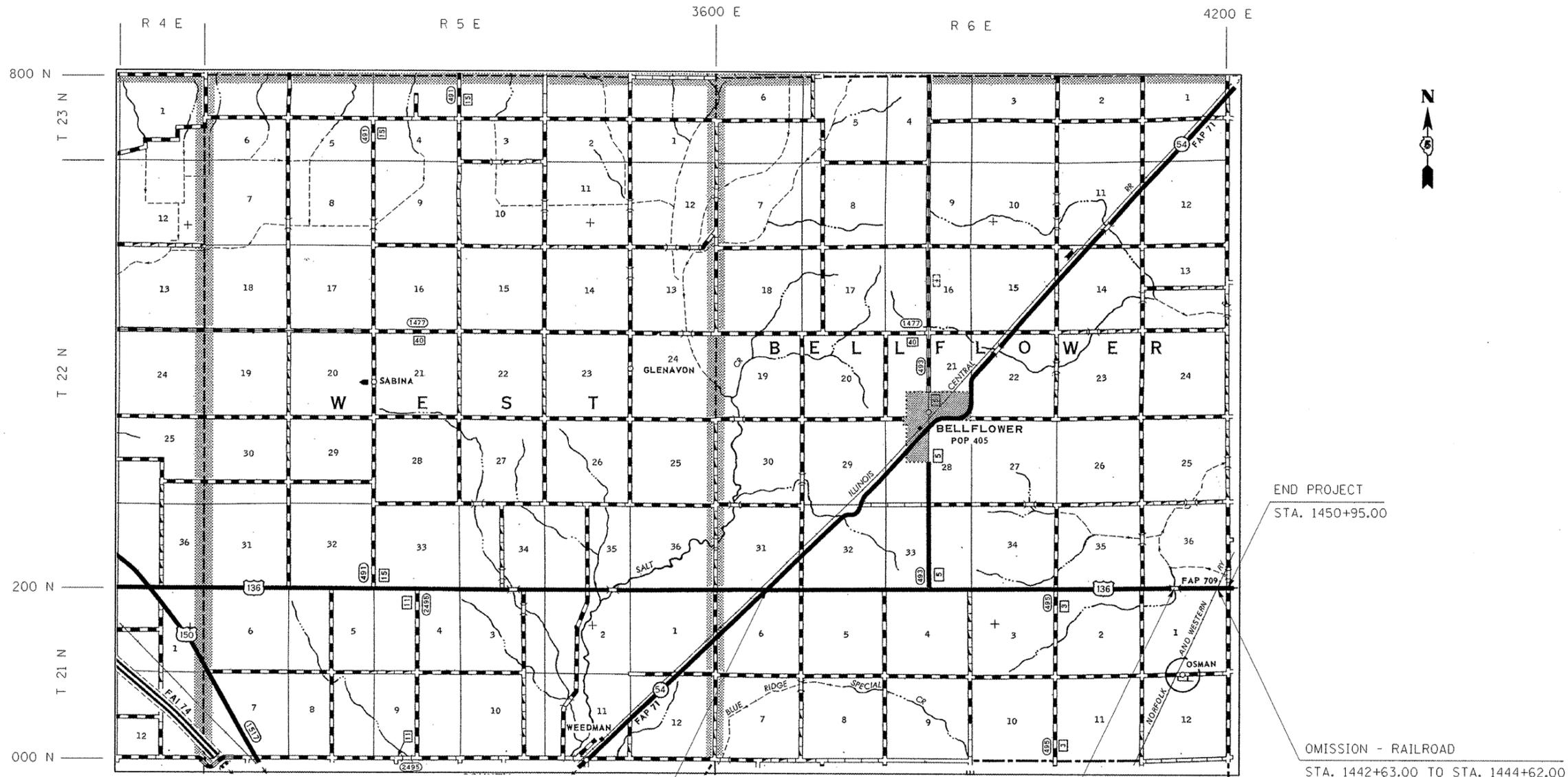
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP #1	
SCALE:	SHEET NO. 1 OF 1 SHEETS
STA. 361+82.00 TO STA. 1999+99.88	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	33	3
CONTRACT NO. 70880				
ILLINOIS FED. AID PROJECT				

LOCATION MAP 2 – MCLEAN COUNTY

FAP 709 (US 136) FROM IL 54 TO CHAMPAIGN COUNTY LINE



SCALE
 1.28125" = 1.0 MI
 0.0 0.5 1.0

GROSS LENGTH OF LOCATION #2 = 28815.00 FT. = 5.457 MILE
NET LENGTH OF LOCATION #2 = 28546.00 FT. = 5.406 MILE

BEGIN PROJECT
 STA. 1162+80.00

BRIDGE OMISSION-SN 057-0100
 STA. 1416+53.00 TO STA. 1417+23.00

END PROJECT
 STA. 1450+95.00

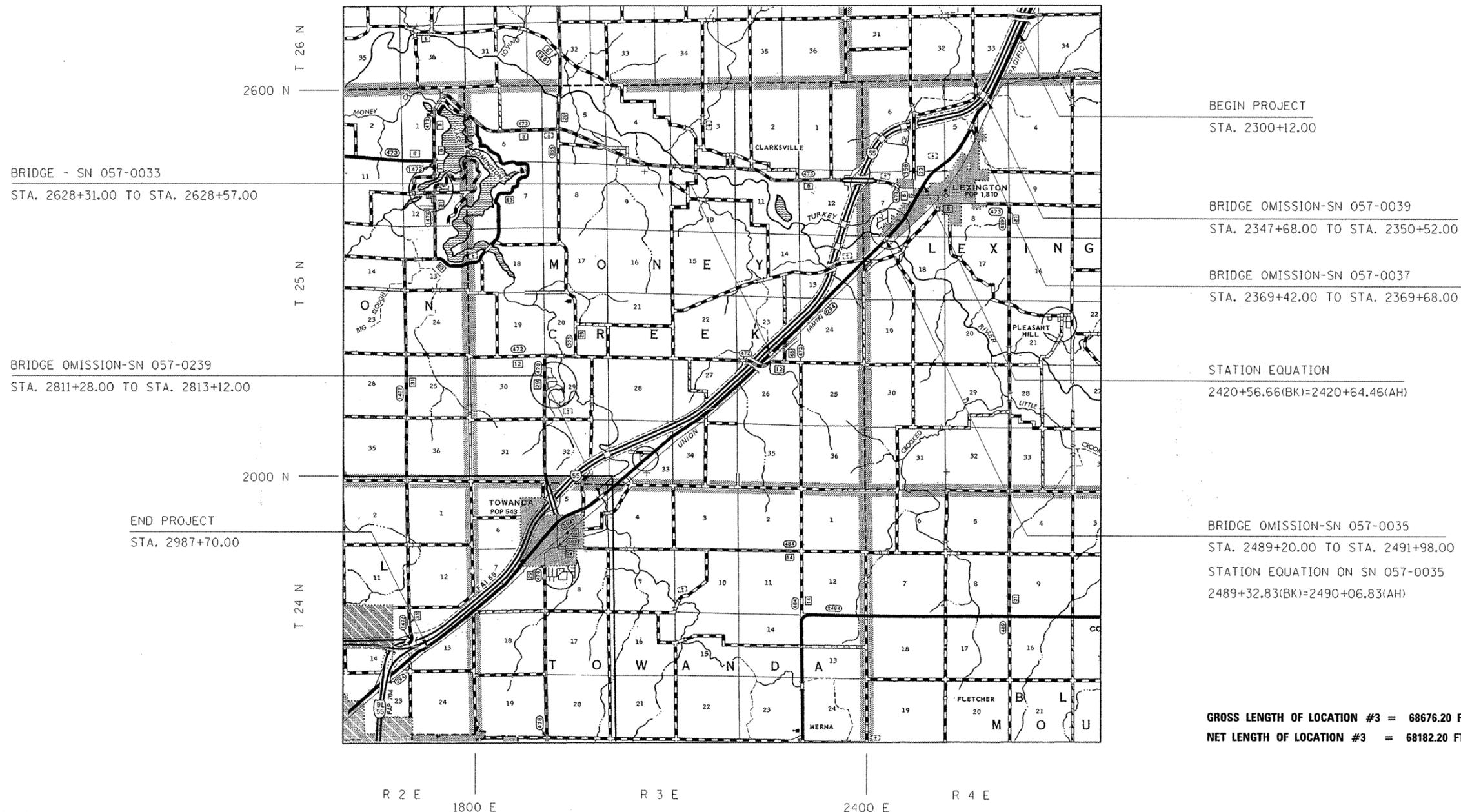
OMISSION - RAILROAD
 STA. 1442+63.00 TO STA. 1444+62.00

* D5 CRACK & JOINT SEAL 2011-1
 ** MCLEAN, DEWITT, & PIATT

FILE NAME *	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #2			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
at:\pw\work\pvidot\bucklesjj\d0252724\05	0880-sh1-cover.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA. 1162+80.00 TO STA. 1450+95.00	*	**	MCLEAN	33	4
	PLOT SCALE = 40.00000 "/td> <td>CHECKED -</td> <td>REVISED -</td> <td colspan="8" style="text-align: center;">CONTRACT NO. 70880</td>	CHECKED -	REVISED -		CONTRACT NO. 70880							
	PLOT DATE = 2/3/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

LOCATION MAP 3 – MCLEAN COUNTY

OLD ROUTE 66 FROM NO. OF LEXINGTON TO SO. OF TOWANDA



BRIDGE - SN 057-0033
STA. 2628+31.00 TO STA. 2628+57.00

BRIDGE OMISSION-SN 057-0239
STA. 2811+28.00 TO STA. 2813+12.00

END PROJECT
STA. 2987+70.00

BEGIN PROJECT
STA. 2300+12.00

BRIDGE OMISSION-SN 057-0039
STA. 2347+68.00 TO STA. 2350+52.00

BRIDGE OMISSION-SN 057-0037
STA. 2369+42.00 TO STA. 2369+68.00

STATION EQUATION
2420+56.66(BK)=2420+64.46(AH)

BRIDGE OMISSION-SN 057-0035
STA. 2489+20.00 TO STA. 2491+98.00
STATION EQUATION ON SN 057-0035
2489+32.83(BK)=2490+06.83(AH)

GROSS LENGTH OF LOCATION #3 = 68676.20 FT. = 13.007 MILE
NET LENGTH OF LOCATION #3 = 68182.20 FT. = 12.913 MILE

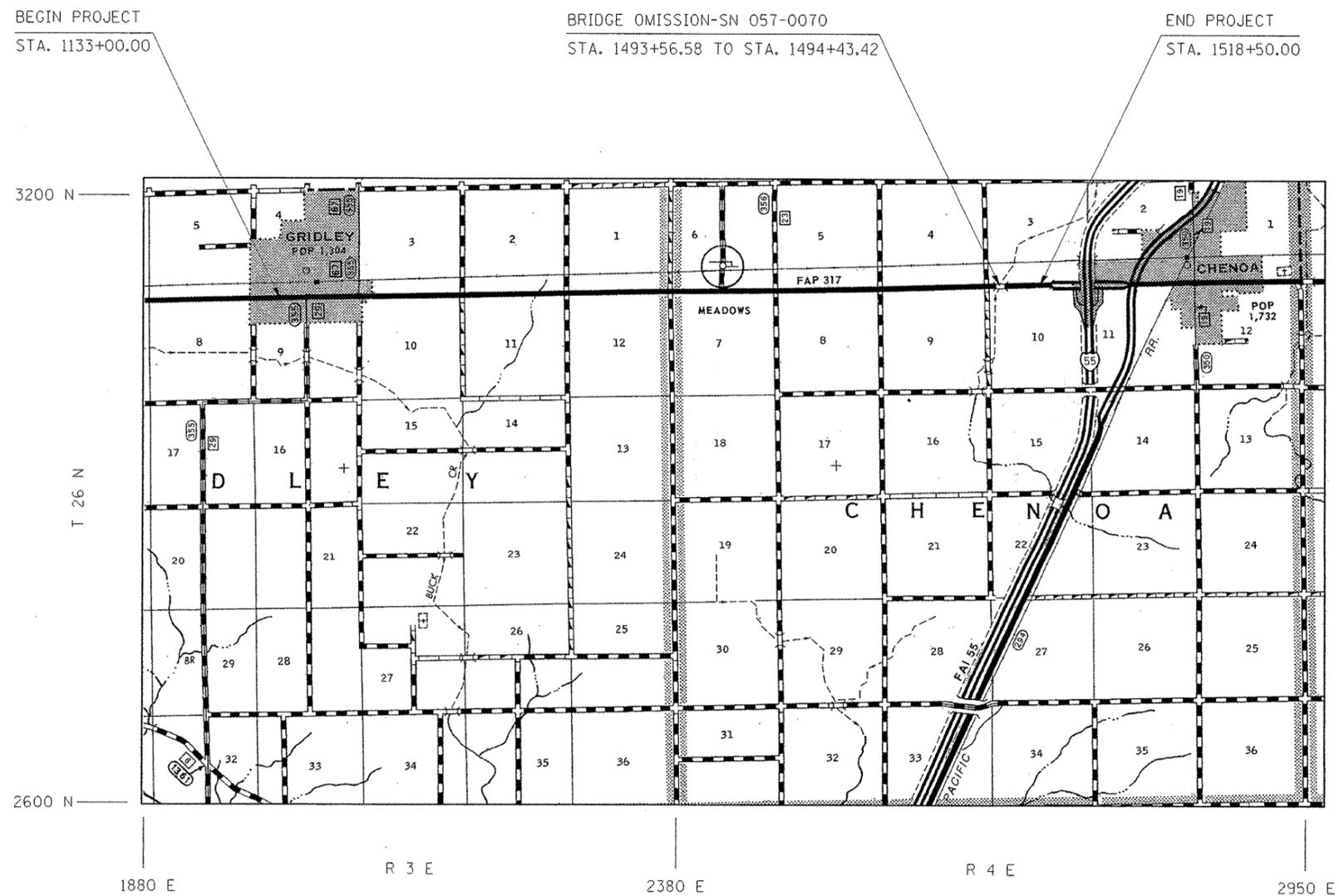
SCALE
1.28125" = 1.0 MI
0.0 0.5 1.0

* D5 CRACK & JOINT SEAL 2011-1
** MCLEAN, DEWITT, & PIATT

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		DRAWN -	REVISED -			VAR.	*	**	33	5
		CHECKED -	REVISED -							
		DATE -	REVISED -							
						SCALE:	SHEET NO. 1 OF 1 SHEETS	STA. 2300+12.00 TO STA. 2987+70.00	CONTRACT NO. 70880	
ILLINOIS FED. AID PROJECT										

LOCATION MAP 4 – MCLEAN COUNTY

FAP 317 (US 24) FROM GRIDLEY TO CHENOA



SCALE
1.28125" = 1.0 MI
0.0 0.5 1.0

GROSS LENGTH OF LOCATION #4 = 38550.00 FT. = 7.301 MILE
NET LENGTH OF LOCATION #4 = 38463.16 FT. = 7.285 MILE

- * D5 CRACK & JOINT SEAL 2011-1
- ** MCLEAN, DEWITT, & PIATT

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
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	PLOT DATE = 2/3/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

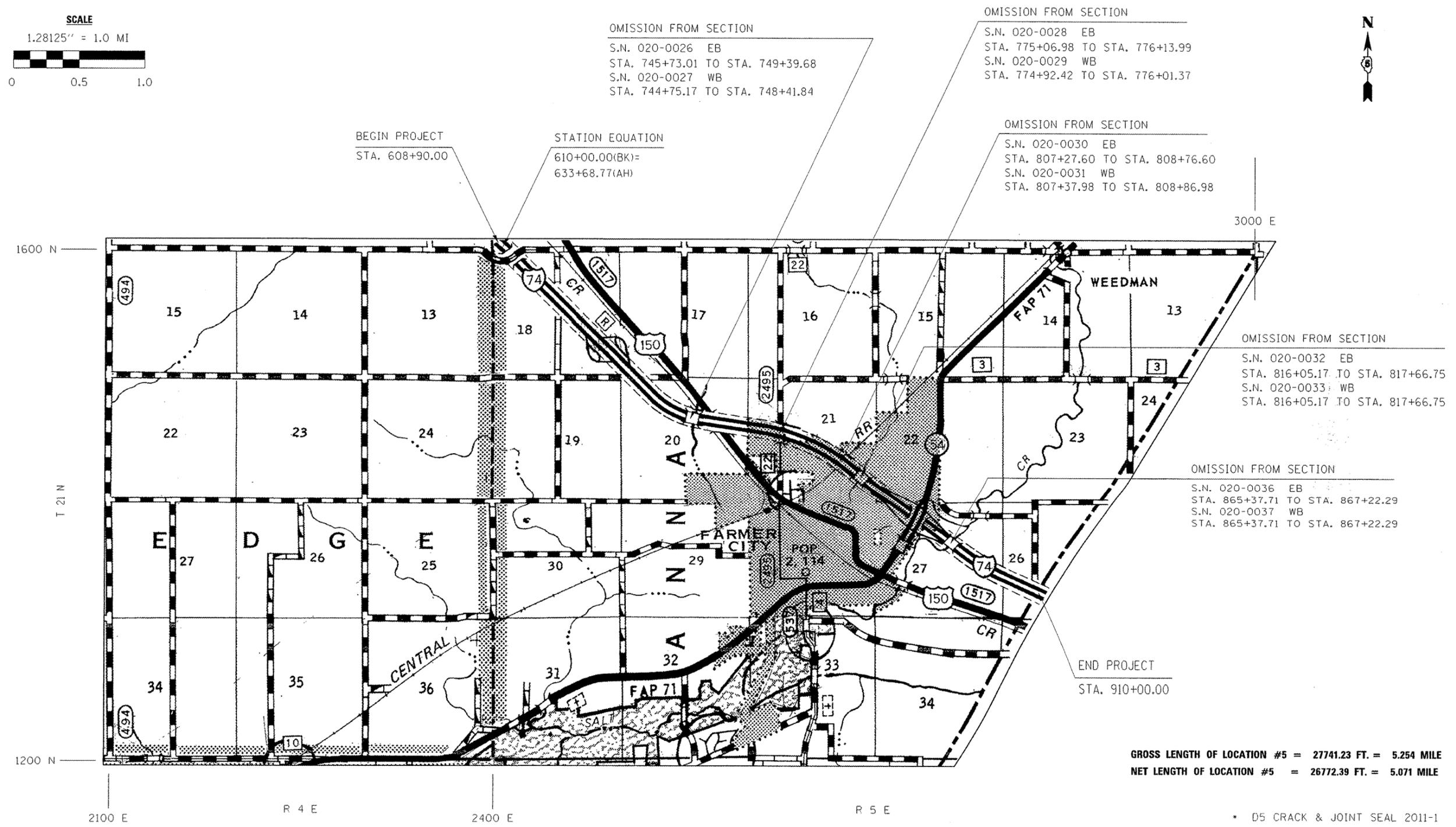
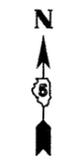
LOCATION MAP #4

SCALE: SHEET NO. 1 OF 1 SHEETS STA. 1133+00.00 TO STA. 1518+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	33	6
CONTRACT NO. 70880				
[ILLINOIS] FED. AID PROJECT				

LOCATION MAP 5 – DEWITT COUNTY

FAI-74 FROM MCLEAN CO. LINE TO PIATT CO. LINE



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP #5

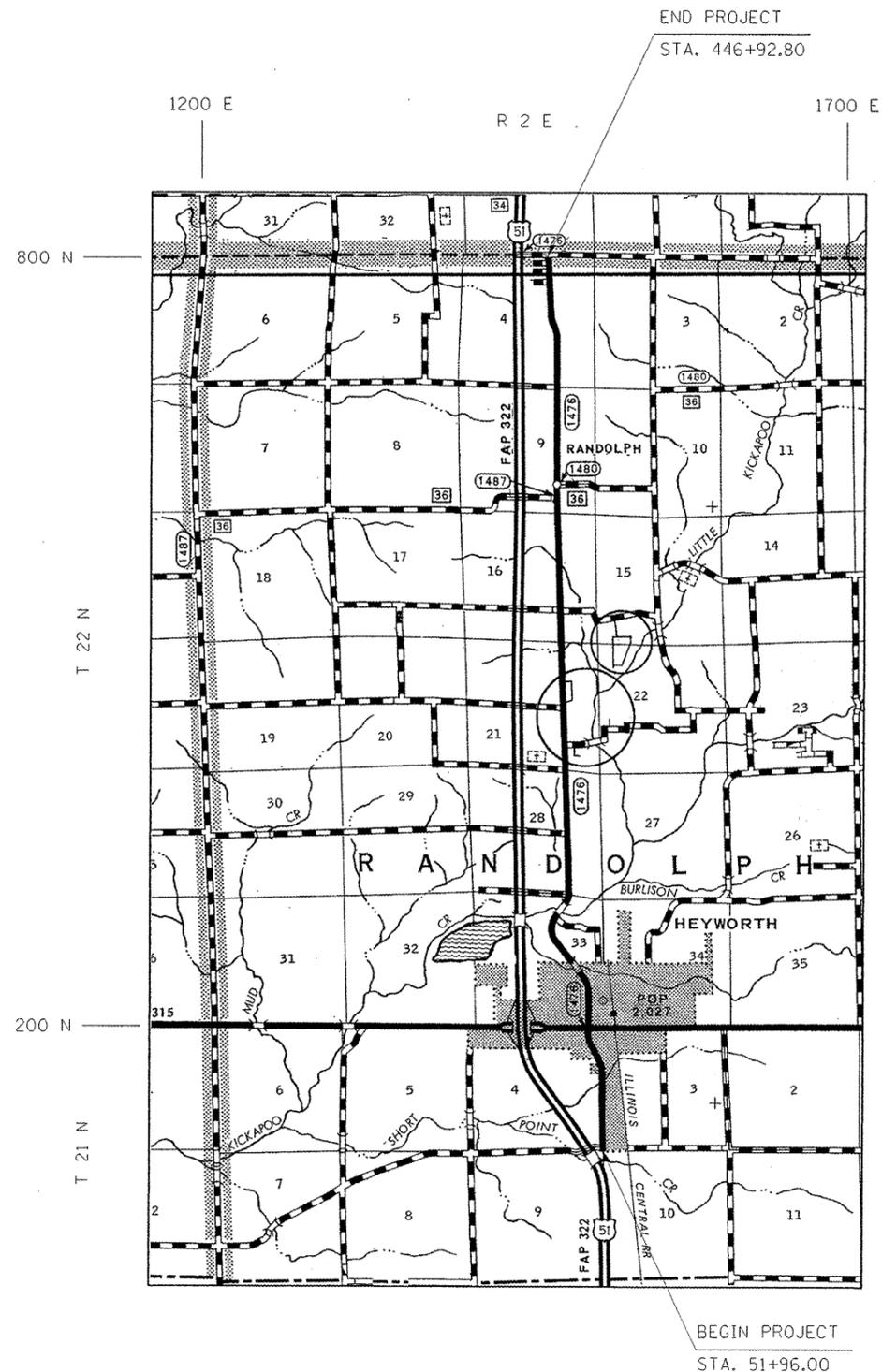
SCALE: SHEET NO. 1 OF 1 SHEETS STA. 608+90.00 TO STA. 910+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	33	7
CONTRACT NO. 70880				
ILLINOIS FED. AID PROJECT				

- * D5 CRACK & JOINT SEAL 2011-1
- ** MCLEAN, DEWITT, & PIATT

LOCATION MAP 6 – MCLEAN COUNTY

FAS 1476 (OLD US 51) FROM SO. OF I-74 TO SO. OF HEYWORTH



OMISSION FROM SECTION

CULVERT OMISSION	S.N. 057-8209	STA. 310+22 TO STA. 310+56
CULVERT OMISSION	S.N. 057-8207	STA. 289+63 TO STA. 289+97
CULVERT OMISSION	S.N. 057-8208	STA. 271+65 TO STA. 271+95
BRIDGE OMISSION	S.N. 057-0056	STA. 158+59.74 TO 160+79.46
BRIDGE OMISSION	S.N. 057-0225	STA. 133+20.55 TO 134+11.45
US 136-INTERSECTION OMISSION		STA. 106+00 TO STA. 108+00



GROSS LENGTH OF LOCATION #6 = 39496.80 FT. = 7.480 MILE
NET LENGTH OF LOCATION #6 = 38888.18 FT. = 7.365 MILE

* D5 CRACK & JOINT SEAL 2011-1
 ** MCLEAN, DEWITT, & PIATT

FILE NAME =	USER NAME = buckles,jj	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

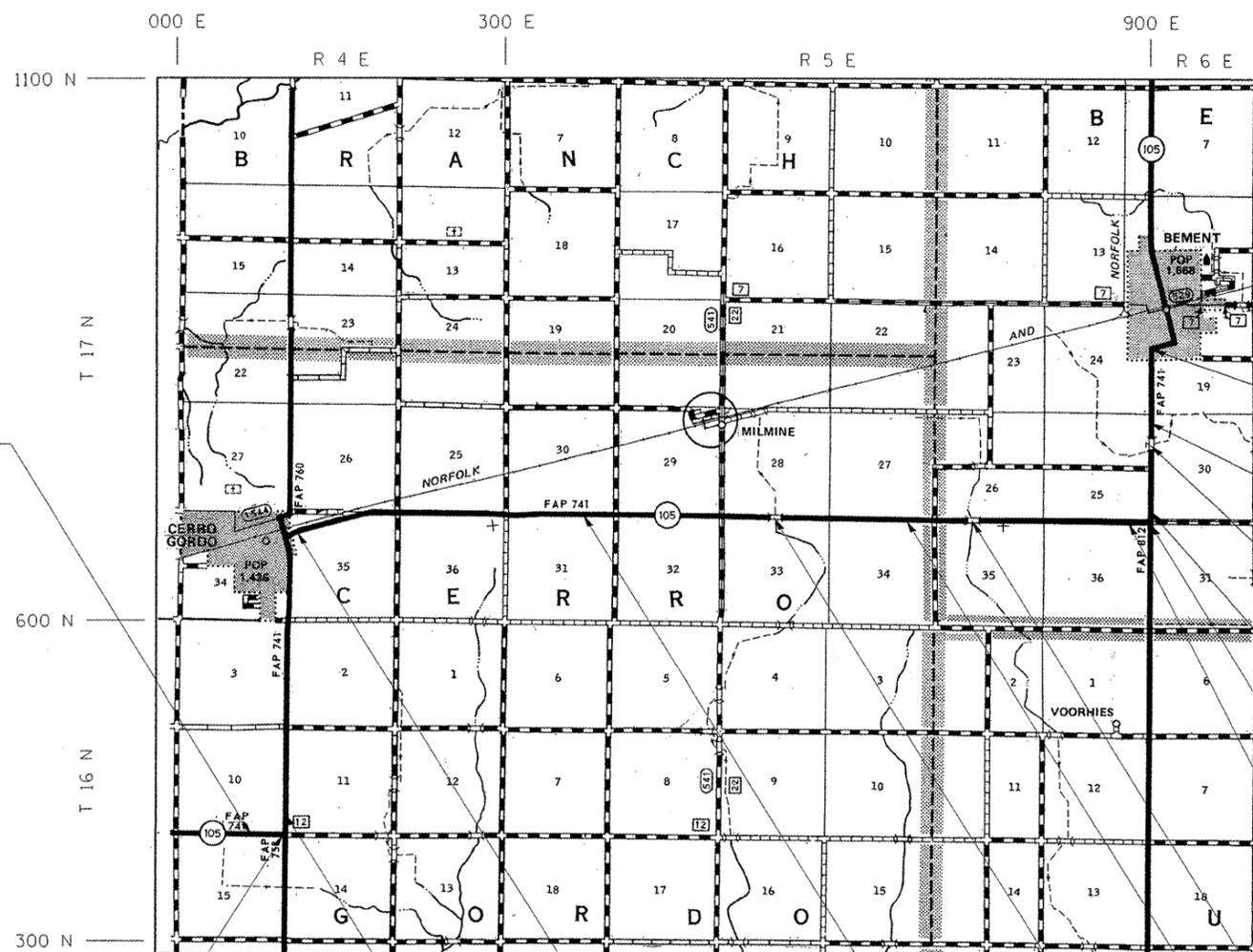
LOCATION MAP #6

SCALE: SHEET NO. 1 OF 1 SHEETS STA. 51+96.00 TO STA. 446+92.80

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	33	8
CONTRACT NO. 70880				
ILLINOIS FED. AID PROJECT				

LOCATION MAP 7 – PIATT COUNTY

FAP 741 (IL 105) FROM SO. OF BEMENT TO SO. OF CERRO GORDO



END PROJECT
STA. 56+95.70

BEGIN PROJECT
STA. 383+70.00

STATION EQUATION
422+17.30(BK)=420+82.30(AH)

BRIDGE OMISSION-SN 074-0030
STA. 422+76.00 TO STA. 423+44.00

STATION EQUATION
459+00.00(BK)=510+00.00(AH)

STATION EQUATION
513+06.20(BK)=460+72.10(AH)

STATION EQUATION
468+80.20(BK)=470+11.01(AH)

BRIDGE OMISSION-SN 074-0080
STA. 550+02.50 TO STA. 550+83.50

BRIDGE - SN 074-8030 / SN 074-8061
STA. 579+42.55 TO STA. 580+05.46

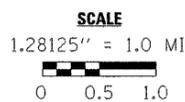
BRIDGE OMISSION-SN 074-0079
STA. 645+94.25 TO STA. 646+85.75

STATION EQUATION
890+88.40(BK)=
890+86.10(AH)

STATION EQUATION
1032+44.30(BK)=
277+12.59(AH)

STATION EQUATION
738+10.00(BK)=
738+00.00(AH)

GROSS LENGTH OF LOCATION #7 = 66396.49 FT. = 12.575 MILE
NET LENGTH OF LOCATION #7 = 66155.99 FT. = 12.530 MILE



STATION EQUATION
270+36.69 (BK)
50+00.00 (AH) IL 105 (W)

- D5 CRACK & JOINT SEAL 2011-1
- ** MCLEAN, DEWITT, & PIATT

FILE NAME =	USER NAME = bucklesj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #7	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ei:\pwwork\pwwork\bucklesj\0252724\05	0880-shr\cover.dgn	DRAWN -	REVISED -			VAR.	.	**	33	9	
	PLOT SCALE = 40.0000 / IN.	CHECKED -	REVISED -			CONTRACT NO. 70880					
	PLOT DATE = 2/3/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO. 1 OF 1 SHEETS		STA. 383+70.00 TO STA. 56+95.70			

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.

LOCATION # 1

LONGITUDINAL CRACKS ALONG CENTERLINE AND BETWEEN PAVING LANES SHALL BE ROUTED AND SEALED. LONGITUDINAL CRACKS WITHIN PAVING LANES GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. CRACKING IN PAVED SHOULDER, CURB & GUTTER, MAILBOX TURNOUTS AND ENTRANCES SHALL BE OMITTED.

LONGITUDINAL : 23,960 FOOT (ESTIMATED)
TRANSVERSE : 6,890 FOOT (ESTIMATED)

LOCATION # 2

LONGITUDINAL CRACKS ALONG CENTERLINE SHALL BE ROUTED AND SEALED. LONGITUDINAL CRACKS WITHIN PAVING LANES GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. CRACKING IN MAILBOX TURNOUTS AND ENTRANCES SHALL BE OMITTED.

LONGITUDINAL : 28,545 FOOT (ESTIMATED)
TRANSVERSE : 17,130 FOOT (ESTIMATED)

LOCATION # 3

LONGITUDINAL CRACKS ALONG CENTERLINE SHALL BE ROUTED AND SEALED. LONGITUDINAL CRACKS WITHIN PAVING LANES GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. CRACKING IN PAVED SHOULDER, CURB & GUTTER, MAILBOX TURNOUTS AND ENTRANCES SHALL BE OMITTED.

LONGITUDINAL : 68,180 FOOT (ESTIMATED)
TRANSVERSE : 32,730 FOOT (ESTIMATED)

LOCATION # 4

LONGITUDINAL CRACKS ALONG CENTERLINE SHALL BE ROUTED AND SEALED. LONGITUDINAL CRACKS ALONG EDGE OF PAVEMENT IN GRIDLEY GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. LONGITUDINAL CRACKS WITHIN PAVING LANES GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. CRACKING IN PAVED SHOULDER, CURB & GUTTER, MAILBOX TURNOUTS AND ENTRANCES SHALL BE OMITTED.

LONGITUDINAL : 43,860 FOOT (ESTIMATED)
TRANSVERSE : 9,090 FOOT (ESTIMATED)

LOCATION # 5

LONGITUDINAL CRACKS ALONG MAINLINE CENTERLINE SHALL BE ROUTED AND SEALED. LONGITUDINAL CRACKS ALONG EDGE OF PAVEMENT GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. LONGITUDINAL CRACKS BETWEEN MAINLINE EDGE OF PAVEMENT AND RAMPS SHALL BE ROUTED AND SEALED. LONGITUDINAL CRACKS WITHIN PAVING LANES GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. CRACKING IN PAVED SHOULDERS, RAMPS, AND CURB & GUTTER SHALL BE OMITTED.

LONGITUDINAL : 160,900 FOOT (ESTIMATED)
TRANSVERSE : 1,290 FOOT (ESTIMATED)

LOCATION # 6

LONGITUDINAL CRACKS ALONG CENTERLINE SHALL BE ROUTED AND SEALED. LONGITUDINAL CRACKS ALONG EDGE OF PAVEMENT IN HEYWORTH GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. LONGITUDINAL CRACKS WITHIN PAVING LANES GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. CRACKING IN PAVED SHOULDER, CURB & GUTTER, MAILBOX TURNOUTS AND ENTRANCES SHALL BE OMITTED.

LONGITUDINAL : 47,605 FOOT (ESTIMATED)
TRANSVERSE : 1,035 FOOT (ESTIMATED)

LOCATION # 7

LONGITUDINAL CRACKS ALONG CENTERLINE AND BETWEEN PAVING LANES SHALL BE ROUTED AND SEALED. LONGITUDINAL CRACKS WITHIN PAVING LANES GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED. CRACKING IN PAVED SHOULDER, CURB & GUTTER, MAILBOX TURNOUTS AND ENTRANCES SHALL BE OMITTED.

LONGITUDINAL : 98,125 FOOT (ESTIMATED)
TRANSVERSE : 5,640 FOOT (ESTIMATED)

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

* D5 CRACK & JOINT SEAL 2011-1
** MCLEAN, DEWITT, & PIATT

FILE NAME *	USER NAME * bucklesjj	DESIGNED - JAH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwwork\pwwork\backlesjj\d0252724\05	0880-sht-cover.dgn	DRAWN -	REVISED -			VAR.	*	**	33	10	
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 70880					
	PLOT DATE = 2/3/2011	DATE - 1-13-10	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES

LOCATION OF WORK:

LOCATION #1	LOCATION #5	LOCATION #3	LOCATION #2	LOCATION #7
URBAN	RURAL	URBAN	RURAL	RURAL
100% STATE				
ROUT & SEAL				
DEWITT CO.	DEWITT CO.	MCLEAN CO.	MCLEAN CO.	PIATT CO.
0005	0005	0005	0005	0005

CONSTRUCTION TYPE CODE:

CODE NO	ITEM	UNIT	TOTAL QUANTITY	LOCATION #1 QUANTITY	LOCATION #5 QUANTITY	LOCATION #3 QUANTITY	LOCATION #2 QUANTITY	LOCATION #7 QUANTITY
45100100	CRACK ROUTING (PAVEMENT)	FOOT	544,980.0	30,853.0	162,186.0	25,838.0	222,335.0	103,768.0
45100200	CRACK FILLING	POUND	218,445.0	12,341.0	65,329.0	10,335.0	88,933.0	41,507.0
67100100	MOBILIZATION	L SUM	1.0	0.10	0.10	0.10	0.45	0.25
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	8.0		8.0			
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0			0.10	0.60	0.30
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1.0		1.0			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	1.0				
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1.0	1.0				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0	0.80		0.20		
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	6.0		6.0			
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	91,466.0	2,213.0	16,672.0	5,237.0	47,425.0	19,919.0

* SPECIALTY ITEM

* D5 CRACK & JOINT SEAL 2011-1
** MCLEAN, DEWITT, & PIATT

FILE NAME :	USER NAME : bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\pwidot\bucklesjj\d0252724\050880-sht-cover.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	VAR.	*	**	33	11
		PLOT SCALE : 40.0000 / IN.	CHECKED -		REVISED -	CONTRACT NO. 70880							
		PLOT DATE : 2/3/2011	DATE -		REVISED -	ILLINOIS FED. AID PROJECT							

SCHEDULE OF QUANTITIES

	LOCATION OF WORK:	LOCATION #1	LOCATION #2	LOCATION #3	LOCATION #3	LOCATION #4	LOCATION #5	LOCATION #6	LOCATION #7	
		FAP 71 (IL54)	FAP 709 (US136)	OLD RTE 66	OLD RTE 66	FAP 317 (US24)	FAI-74	FAS 1476 (OLD US51)	FAP 741 (IL105)	
		STA. 361+82.00	STA. 1162+80.00	STA. 2300+12.00	STA. 2812+81.00	STA. 1133+00.00	STA. 608+90.00	STA. 51+96.00	STA. 383+70.00	
		TO	TO							
		STA. 1999+99.88	STA. 1450+95.00	STA. 2812+81.00	STA. 2987+70.00	STA. 1518+50.00	STA. 910+00.00	STA. 446+92.80	STA. 56+95.70	
		URBAN DEWITT CO.	RURAL MCLEAN CO.	RURAL MCLEAN CO.	URBAN MCLEAN CO.	RURAL MCLEAN CO.	RURAL DEWITT CO.	RURAL MCLEAN CO.	RURAL PIATT CO.	
CODE NO	ITEM	UNIT	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	
45100100	CRACK ROUTING (PAVEMENT)	FOOT	30,853.0	45,674.0	75,072.0	25,838.0	52,950.0	162,186.0	48,639.0	103,768.0
45100200	CRACK FILLING	POUND	12,341.0	18,269.0	30,029.0	10,335.0	21,180.0	65,329.0	19,455.0	41,507.0
67100100	MOBILIZATION	L SUM	0.10	0.10	0.15	0.10	0.10	0.10	0.10	0.25
70100420	TRF CTL & PROT, STD 701411	EACH						8.0		
70100460	TRF CTL & PROT, STD 701306	L SUM		0.10	0.20	0.10	0.15		0.15	0.30
70100700	TRF CTL & PROT, STD 701406	L SUM						1.0		
70102620	TRF CTL & PROT, STD 701501	L SUM	1.0							
70102622	TRF CTL & PROT, STD 701502	L SUM	1.0							
70102635	TRF CTL & PROT, STD 701701	L SUM	0.80			0.20				
X7015005	CHANGEABLE MESSAGE SIGN	DAY						6.0		
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2,213.0	8,645.0	15,366.0	5,237.0	11,565.0	16,672.0	11,849.0	19,919.0

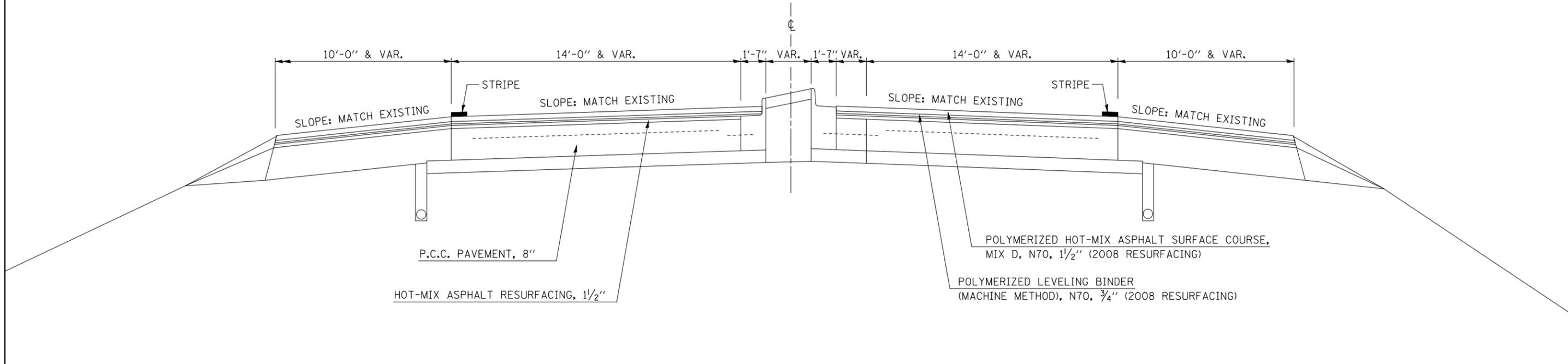
* D5 CRACK & JOINT SEAL 2011-1
** MCLEAN, DEWITT, & PIATT

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\bucklesjj\d0252724\0570880-shr-cover.dgn		DRAWN -	REVISED -			VAR.	*	**	33	12
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -						CONTRACT NO. 70880	
	PLOT DATE = 2/3/2011	DATE -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

EXISTING TYPICAL CROSS SECTION ①

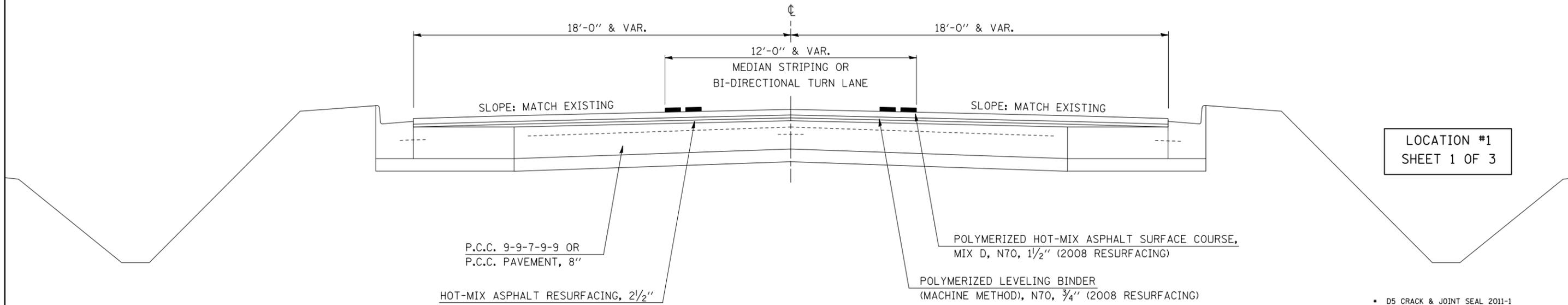
ILLINOIS ROUTE 54

STATION TO STATION
361+82.00 365+39.00 ②



EXISTING TYPICAL CROSS SECTION ②

	STATION	TO	STATION	
①	(IL 10) 365+39.00		368+50.74 (BK)	STA EQN 368+50.74(BK) = 1001+09.30(AH)
	(IL 10) 1001+09.30(AH)		1029+15.98 ③	
③	(IL 10 & IL 54) 1031+74.49		1036+60.60 (BK)	STA EQN 1036+60.60(BK) = 1138+80.66(AH)
	(IL 10 & IL 54) 1138+80.66(AH)		1142+58.16 ④	
④	(IL 10 & IL 54) 1150+74.91		1167+64.67 (BK)	STA EQN 1167+64.67(BK) = 1997+27.00(AH)
	(IL 10 & IL 54) 1997+27.00(AH)		1997+28.70 ⑤	



FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
ct:\pw\work\p\dot\bucklesjj\d0252724\0510880-sh\typical.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -
PLOT DATE = 2/3/2011		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

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

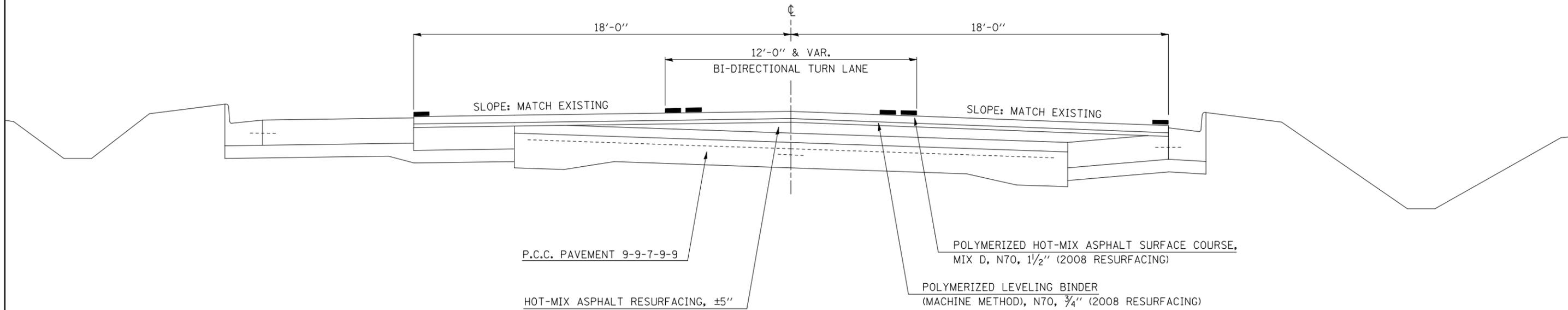
- D5 CRACK & JOINT SEAL 2011-1
- DEWITT, MCLEAN & PIATT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	33	13
CONTRACT NO. 70880				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION ③

ILLINOIS ROUTE 10 & ROUTE 54

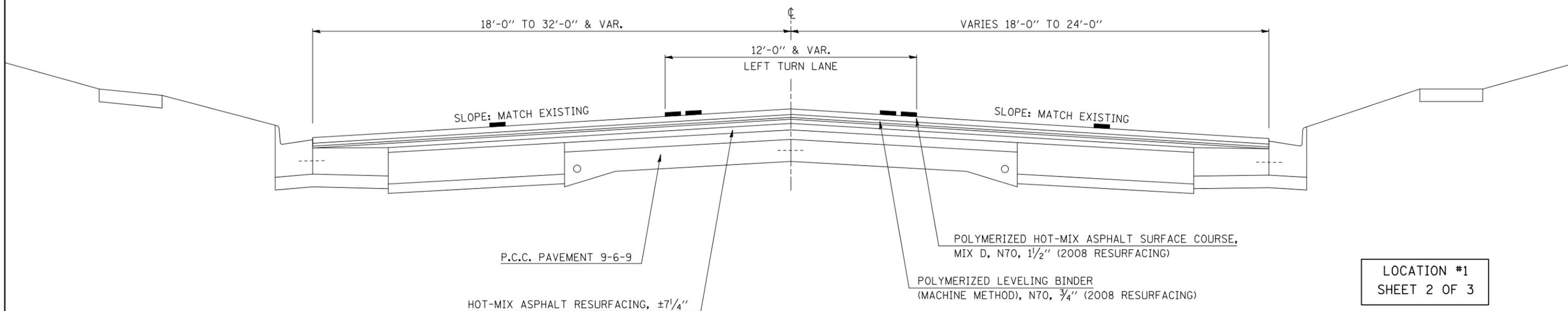
STATION TO STATION
 ② 1029+15.98 1031+74.49 ②



EXISTING TYPICAL CROSS SECTION ④

ILLINOIS ROUTE 10 & ROUTE 54

STATION TO STATION
 ② 1142+58.16 1150+74.91 ②



LOCATION #1
 SHEET 2 OF 3

- D5 CRACK & JOINT SEAL 2011-1
- DEWITT, MCLEAN & PIATT

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
ct:\pw\work\p\dot\bucklesjj\d0252724\0570880-sh\typical.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2011	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

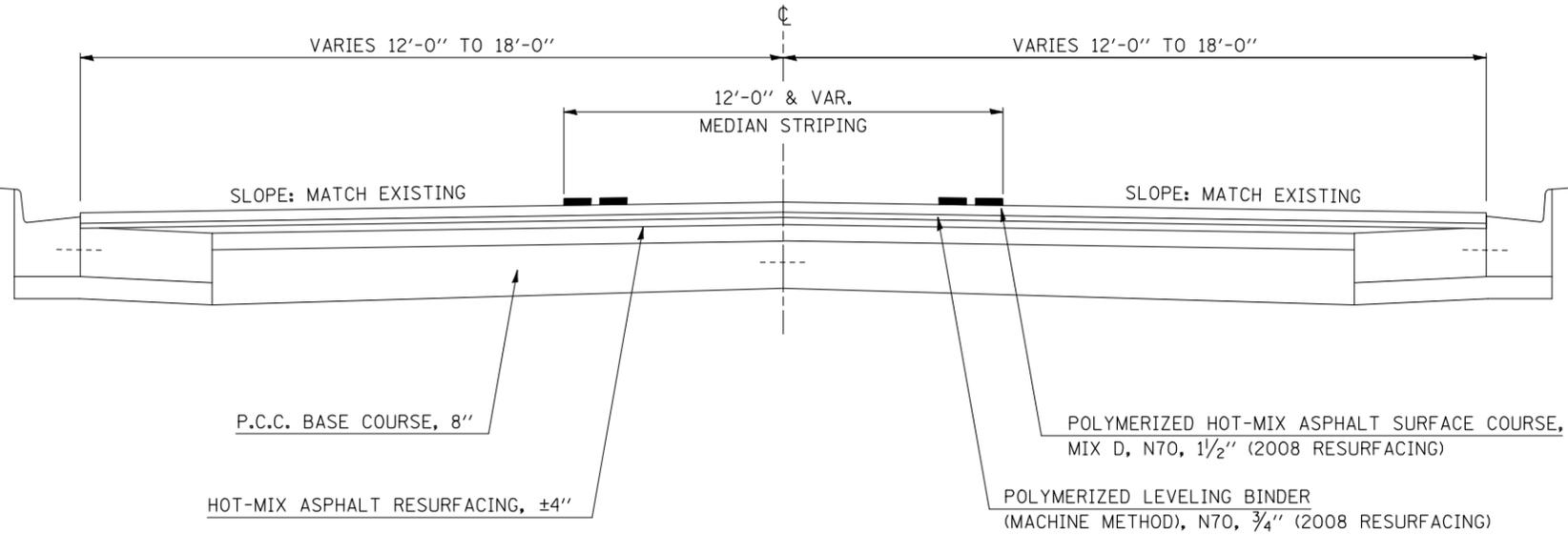
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	33	14
CONTRACT NO. 70880				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION ⑤

ILLINOIS ROUTE 10 & ROUTE 54

STATION TO STATION
 ② 1997+28.70 1999+99.88 (END IL 10 & IL 54)

* STATION EQUATION:
 POT STA 1999+99.88 (IL 54/IL10)
 = PC STA 23+41.00 (IL 10)



LOCATION #1
 SHEET 3 OF 3

- D5 CRACK & JOINT SEAL 2011-1
- DEWITT, MCLEAN & PIATT

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
ct:\pw\work\p\dot\bucklesjj\d0252724\0570880-sh-typical.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2011	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

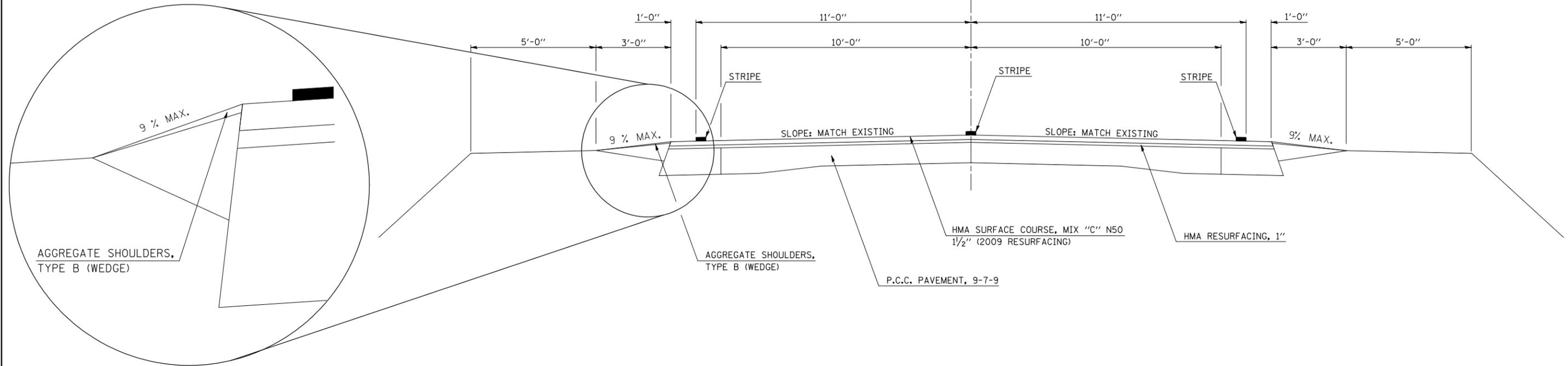
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	33	15
			CONTRACT NO. 70880	
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 1162+80.00 1416+53.00 *
 * 1417+23.00 1442+63.00 +
 + 1444+62.00 1450+95.00

* BRIDGE OMISSION 1416+53.00 TO 1417+23.00
 + RAILROAD OMISSION 1442+63.00 TO 1444+62.00



LOCATION #2
 SHEET 1 OF 1

- D5 CRACK & JOINT SEAL 2011-1
- ** DEWITT, MCLEAN & PIATT

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
ct:\pw\work\p\dot\bucklesjj\d0252724\0570880-sh\typical.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2011	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

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

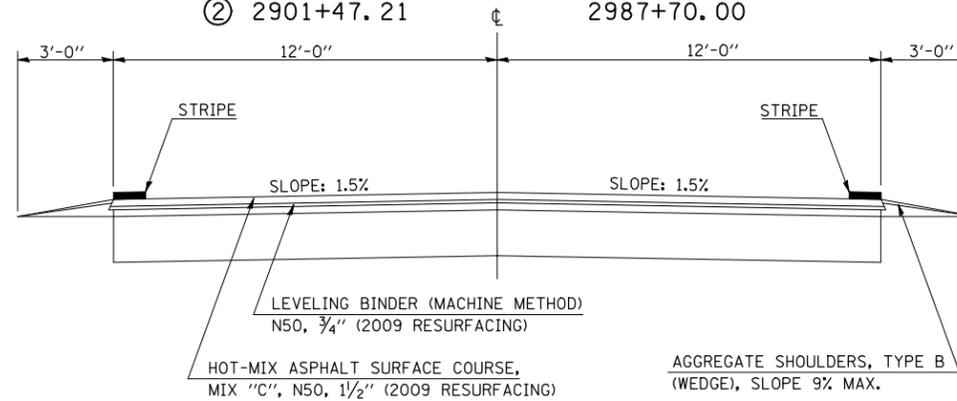
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	33	16
			CONTRACT NO. 70880	
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION ①

* BRIDGE OMISSION 2347+68.00 TO 2350+52.00
 ** BRIDGE OMISSION 2369+42.00 TO 2369+68.00
 *** BRIDGE OMISSION 2489+20.00 TO 2491+98.00
 **** BRIDGE OMISSION 2811+28.00 TO 2813+12.00

STATION	TO	STATION
2300+12.00		2347+68.00 *
* 2350+52.00		2369+42.00 **
** 2369+68.00		2393+19.82 ②
② 2420+64.46 (AH)		2421+98.83 ③
③ 2456+01.74		2460+58.83 ②
② 2485+12.78		2489+20.00 ***
*** 2491+98.00		2628+31.00 ④
④ 2628+57.00		2764+55.31 ②
② 2775+13.64		2811+28.00 ****
**** 2813+12.00		2823+02.50 ②
② 2841+59.05		2843+90.97 ③
③ 2880+88.34		2882+77.47 ②
② 2901+47.21		2987+70.00

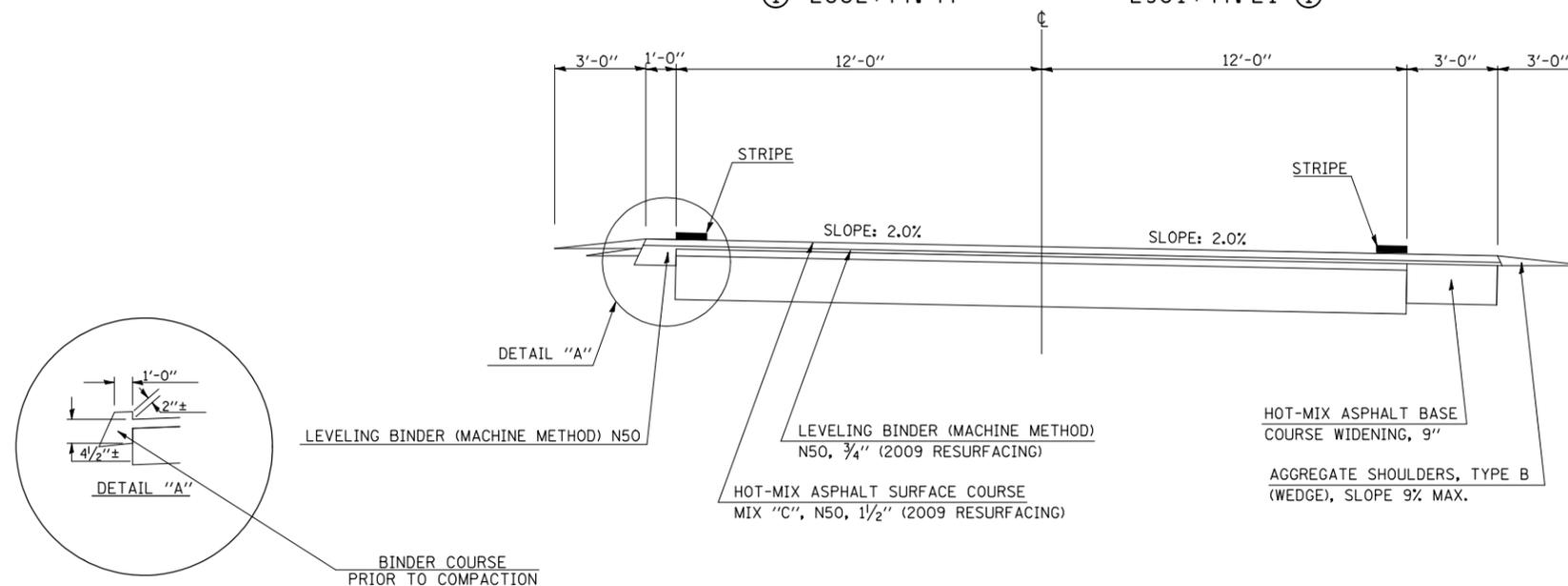
STA EQN 2489+32.83(BK) = 2490+06.83(AH)
 LOCATED WITHIN BRIDGE OMISSION FOR SN057-0035



EXISTING TYPICAL CROSS SECTION ②

STATION	TO	STATION
① 2393+19.82		2420+56.66 (BK) ①
① 2460+58.83		2485+12.78 ①
① 2764+55.31		2775+13.64 ①
① 2823+02.50		2841+59.05 ①
① 2882+77.47		2901+47.21 ①

STA EQN 2420+56.66(BK) = 2420+64.46(AH)



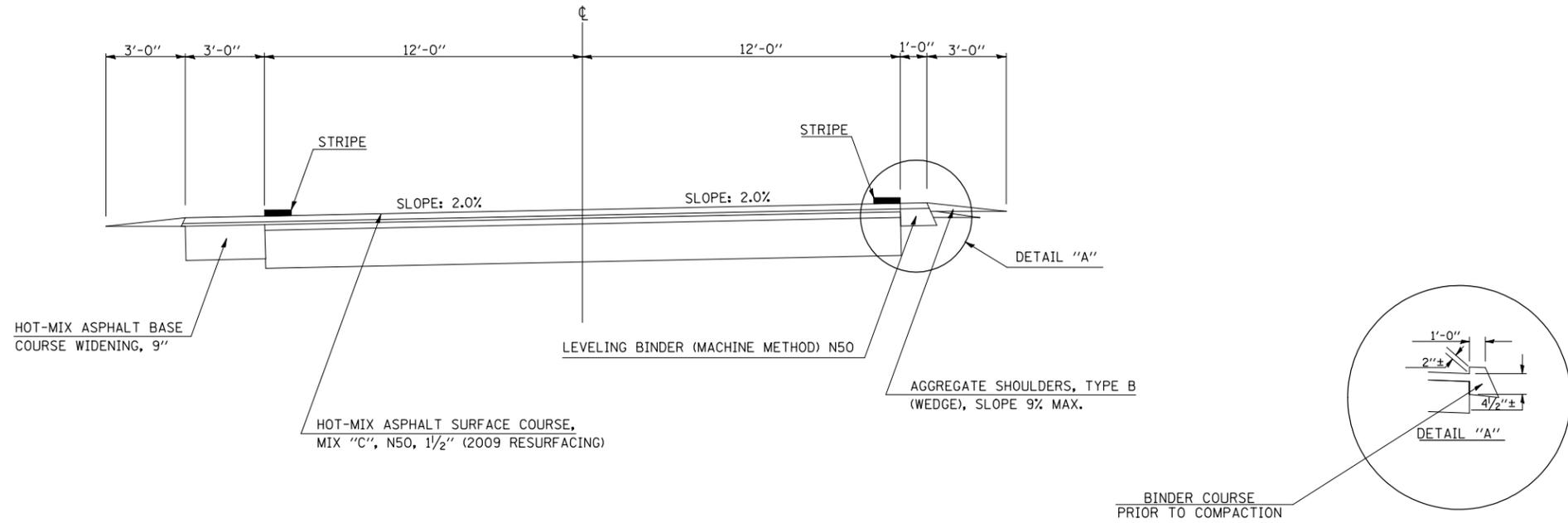
LOCATION #3
SHEET 1 OF 2

• D5 CRACK & JOINT SEAL 2011-1
 ** DEWITT, MCLEAN & PIATT

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\bucklesjj\d0252724\0570880-sh-typical.dgn		DRAWN -	REVISED -			VAR.	*	**	33	17
PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -			CONTRACT NO. 70880				
PLOT DATE = 2/3/2011		DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
										ILLINOIS FED. AID PROJECT

EXISTING TYPICAL CROSS SECTION ③

STATION	TO	STATION
① 2421+98.83		2456+01.74 ①
① 2843+90.97		2880+88.34 ①



LOCATION #3
 SHEET 2 OF 2

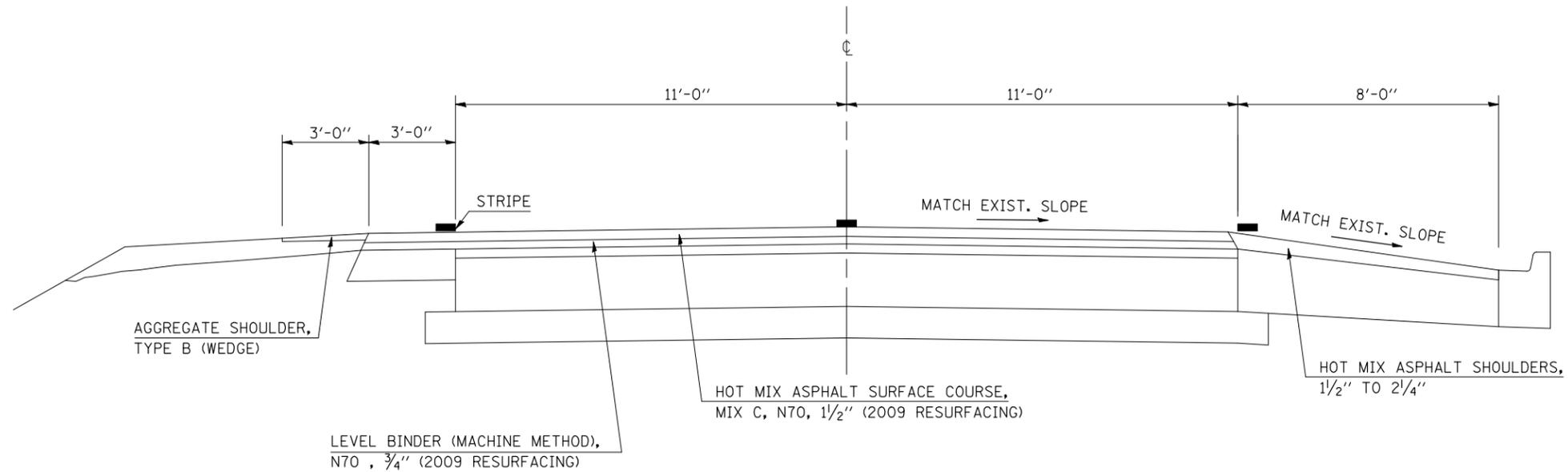
- D5 CRACK & JOINT SEAL 2011-1
- ** DEWITT, MCLEAN & PIATT

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\p\dot\bucklesjj\d0252724\0570880-sh\typical.dgn		DRAWN -	REVISED -			VAR.	*	**	33	18	
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 70880					
	PLOT DATE = 2/3/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:		SHEET NO. OF SHEETS		STA. TO STA.			

EXISTING TYPICAL CROSS SECTION ①

F. A. P. 317 (US 24)

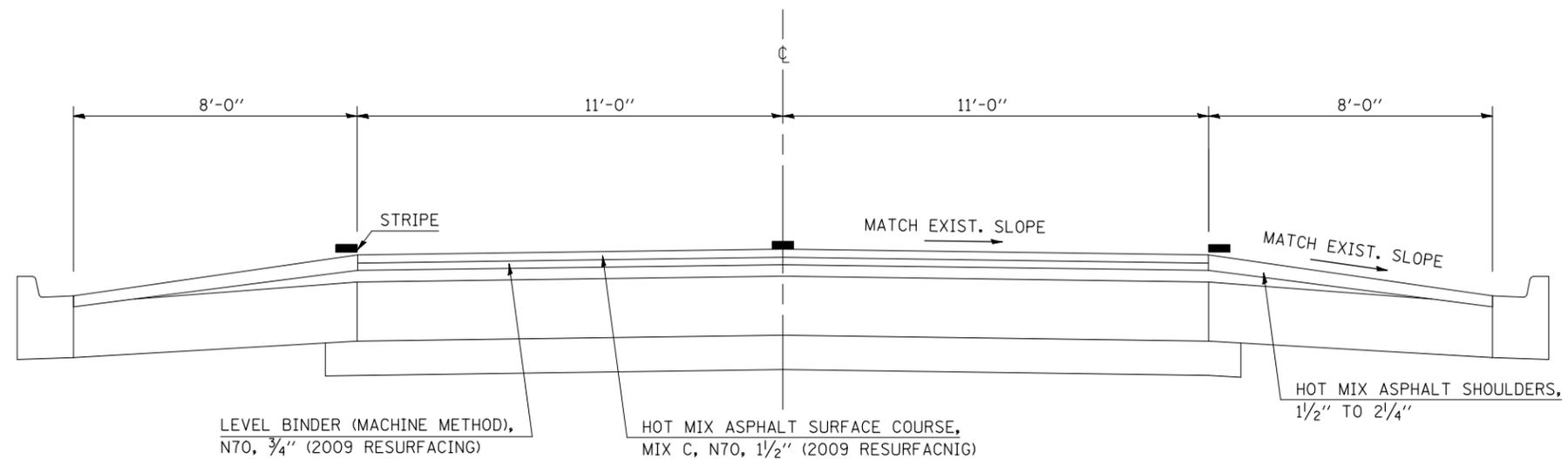
STATION TO STATION
1133+00.00 1134+00.00 ②



EXISTING TYPICAL CROSS SECTION ②

F. A. P. 317 (US 24)

STATION TO STATION
① 1134+00.00 1159+98.00 ③



LOCATION #4
SHEET 1 OF 2

- D5 CRACK & JOINT SEAL 2011-1
- DEWITT, MCLEAN & PIATT

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
ct:\pw\work\p\dot\bucklesjj\d0252724\0570880-sh\typical.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

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

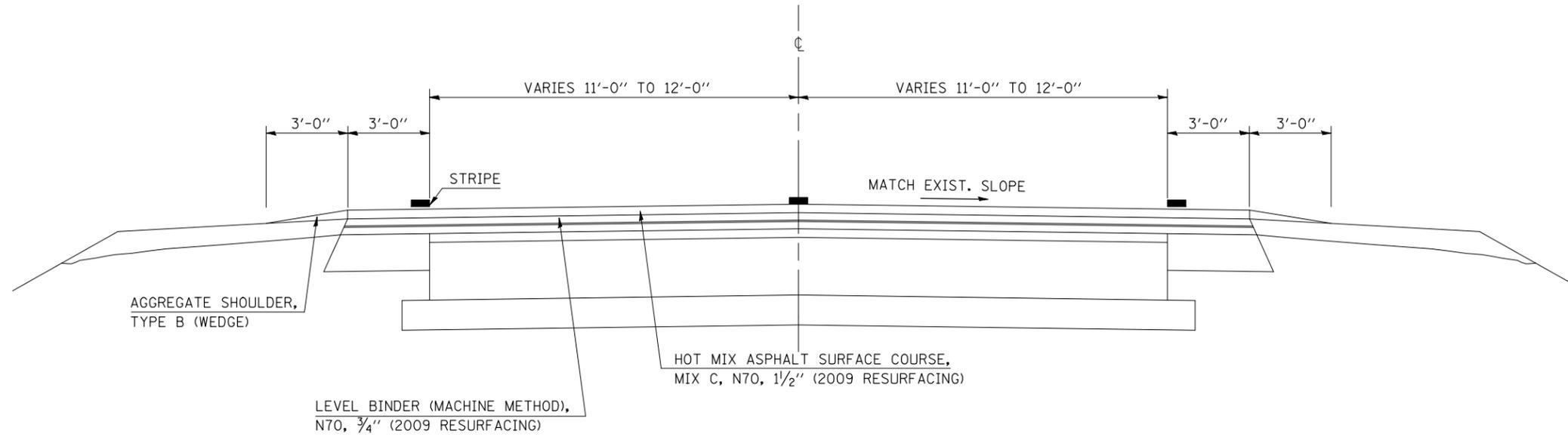
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	33	19
CONTRACT NO. 70880				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION ③

F. A. P. 317 (US 24)

* BRIDGE OMISSION 1493+56.58 TO 1494+43.42

STATION	TO	STATION
② 1159+98.00		1493+56.58 *
* 1494+43.42		1518+50.00



LOCATION #4
 SHEET 2 OF 2

• D5 CRACK & JOINT SEAL 2011-1
 ** DEWITT, MCLEAN & PIATT

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct\pwork\pwork\pwork\bucklesjj\d0252724\0570880-sh-typical.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	•	**	33	20
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 70880								
	PLOT DATE = 2/3/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

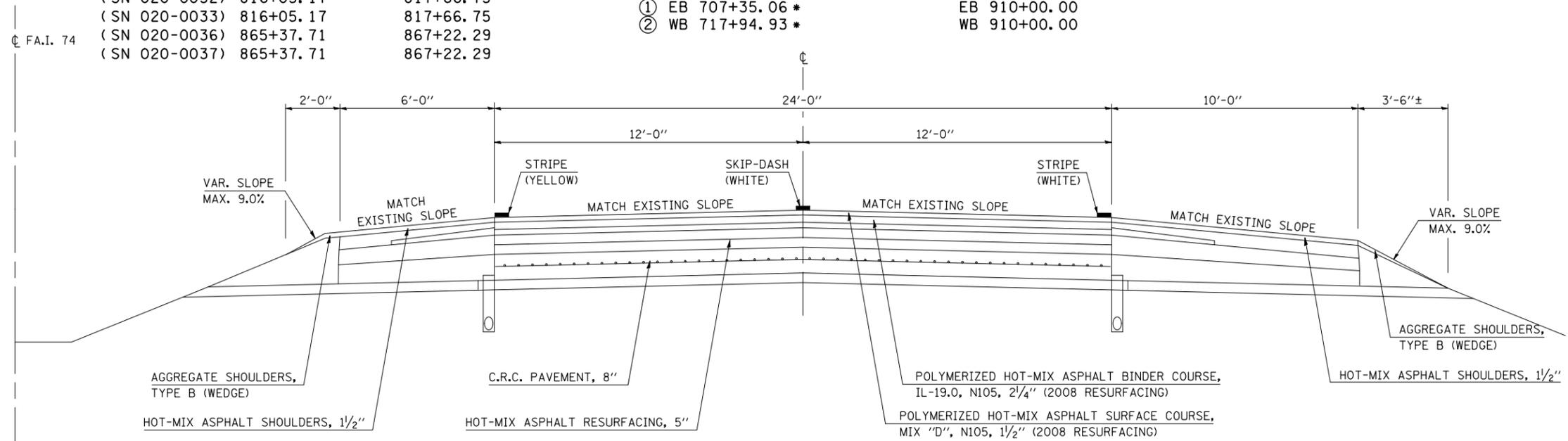
* OMISSIONS FROM SECTION

	STATION	TO	STATION
(SN 020-0026)	745+73.01		749+39.68
(SN 020-0027)	744+75.17		748+41.84
(SN 020-0028)	775+06.98		776+13.99
(SN 020-0029)	774+92.42		776+01.37
(SN 020-0030)	807+27.60		808+76.60
(SN 020-0031)	807+37.98		808+86.98
(SN 020-0032)	816+05.17		817+66.75
(SN 020-0033)	816+05.17		817+66.75
(SN 020-0036)	865+37.71		867+22.29
(SN 020-0037)	865+37.71		867+22.29

EXISTING TYPICAL CROSS SECTION ①

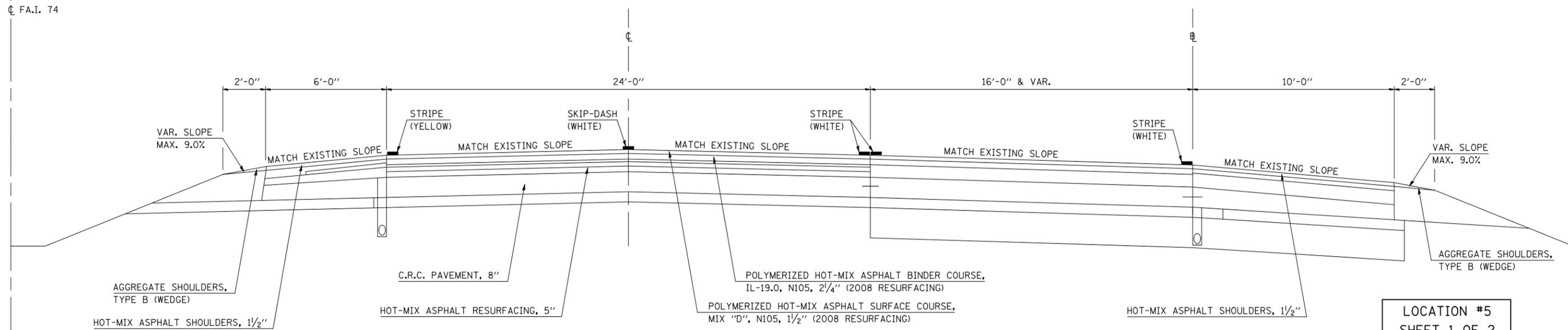
STATION	TO	STATION
EB 608+90.00		EB 610+00.00 (BK)
WB 608+90.00		WB 610+00.00 (BK)
EB 633+68.77 (AH)**		EB 655+70.00 ②
WB 633+68.77 (AH)**		WB 666+29.87 ②
③ EB 662+48.70		EB 694+39.70 ③
③ WB 679+25.15		WB 711+16.23 ③
① EB 707+35.06 *		EB 910+00.00
② WB 717+94.93 *		WB 910+00.00

STA EQN EB 610+00.00(BK) = 633+68.77(AH)
 STA EQN WB 610+00.00(BK) = 633+68.77(AH)



EXISTING TYPICAL CROSS SECTION ②

STATION	TO	STATION
① EB 655+70.00		EB 659+74.37 ③
③ WB 666+29.87		WB 675+79.87 ①
③ EB 697+85.06		EB 707+35.06 ①
① WB 713+90.56		WB 717+94.93 ①



LOCATION #5
 SHEET 1 OF 2

• D5 CRACK & JOINT SEAL 2011-1
 •• DEWITT, MCLEAN & PIATT

FILE NAME =	USER NAME = bucklesJJ	DESIGNED -	REVISED -
ct:\pw\work\p\dot\bucklesJJ\d0252724\0510880-sh-typical.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -
PLOT DATE = 2/3/2011		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

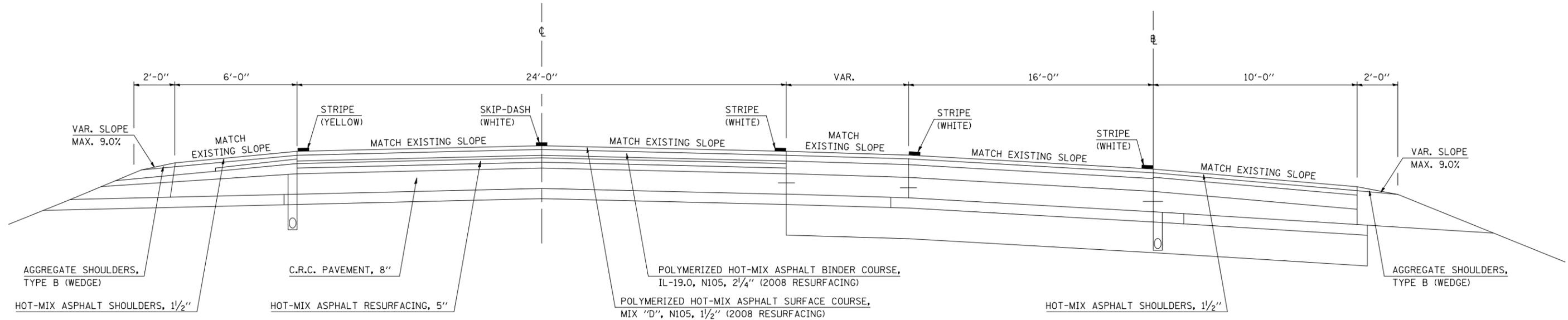
TYPICAL CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	33	21
CONTRACT NO. 70880				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION ③

	STATION	TO	STATION	
②	EB 659+74.37		EB 662+48.70	①
③	WB 675+79.87		WB 679+25.15	①
①	EB 694+39.70		EB 697+85.06	②
②	WB 711+16.23		WB 713+90.56	②



LOCATION #5
SHEET 2 OF 2

- D5 CRACK & JOINT SEAL 2011-1
- DEWITT, MCLEAN & PIATT

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
ct:\pw\work\p\dot\bucklesjj\d0252724\0570880-sh-typical.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

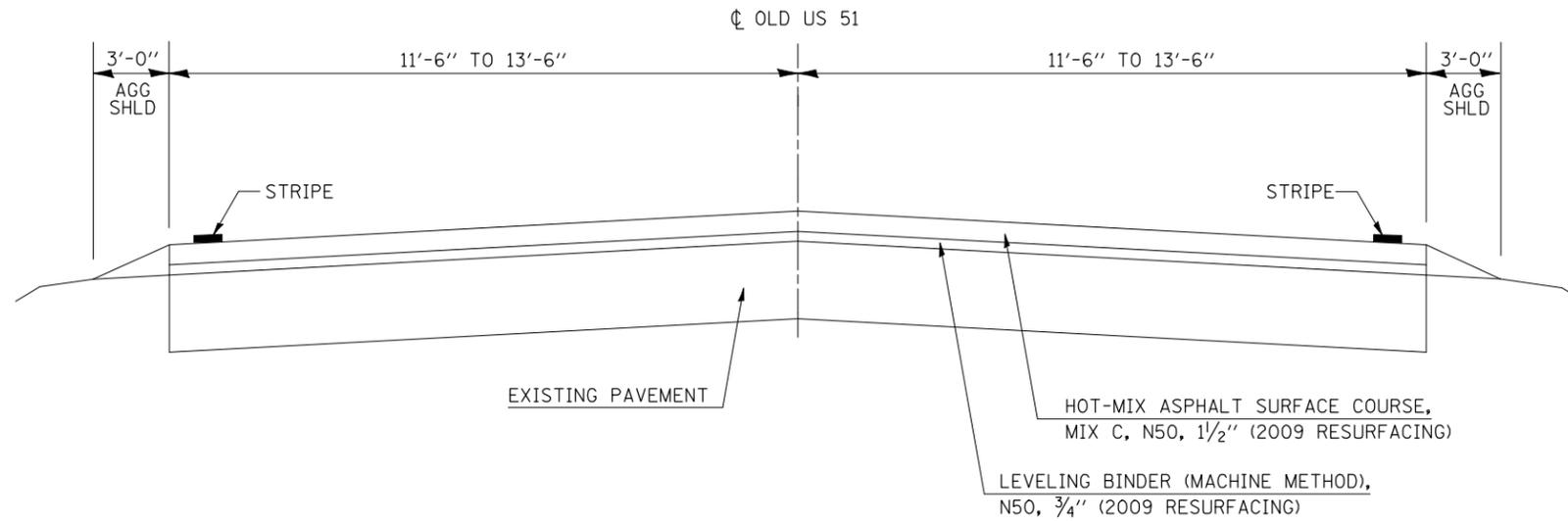
TYPICAL CROSS SECTIONS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	33	22
CONTRACT NO. 70880				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION ①

(OLD US 51)

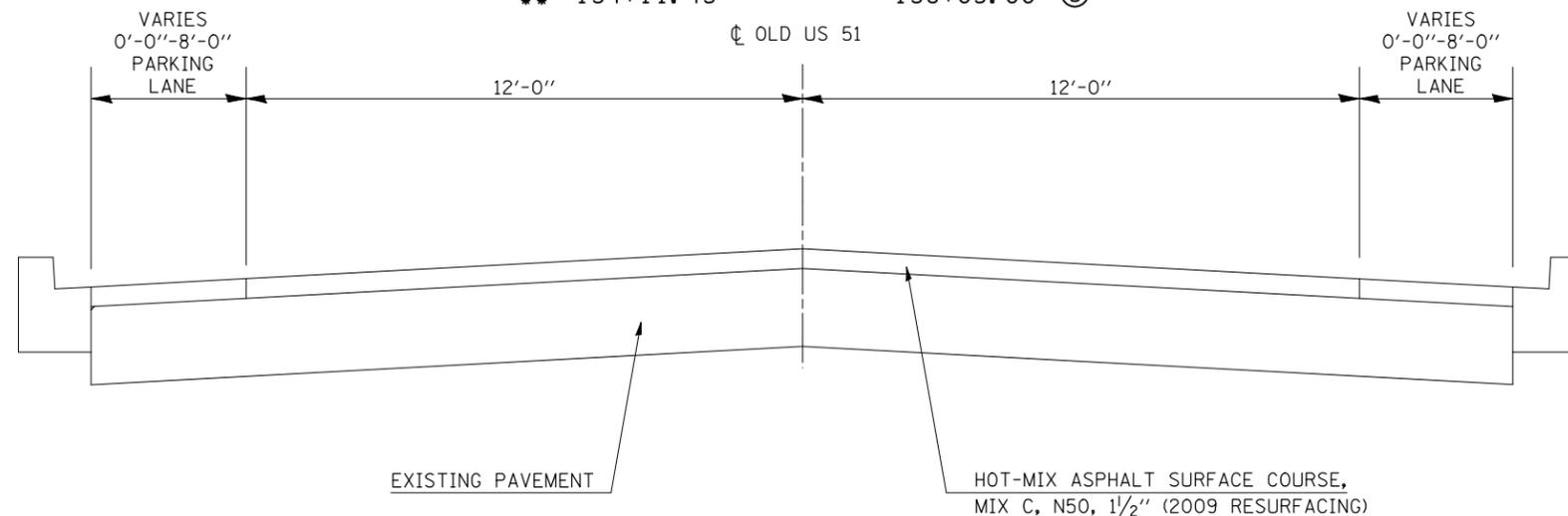
STATION	TO	STATION		
51+96.00		91+56.00	②	
182+92.80		271+65.00	*	* CULVERT OMISSION 271+65.00 TO 271+95.00
* 271+95.00		289+63.00	**	** CULVERT OMISSION 289+63.00 TO 289+97.00
** 289+97.00		310+22.00	***	*** CULVERT OMISSION 310+22.00 TO 310+56.00
*** 310+56.00		446+92.80		



EXISTING TYPICAL CROSS SECTION ②

(OLD US 51)

STATION	TO	STATION		
① 91+56.00		106+00.00	*	* US 136 INTERSECTION OMISSION 106+00.00 TO 108+00.00
* 108+00.00		133+20.55	**	** BRIDGE OMISSION 133+20.55 TO 134+11.45
** 134+11.45		138+05.00	③	



LOCATION #6
SHEET 1 OF 2

* D5 CRACK & JOINT SEAL 2011-1
** DEWITT, MCLEAN & PIATT

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\p\dot\bucklesjj\d0252724\0570880-sh\typical.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	33	23
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 70880									
	PLOT DATE = 2/3/2011	DATE -	REVISED -											

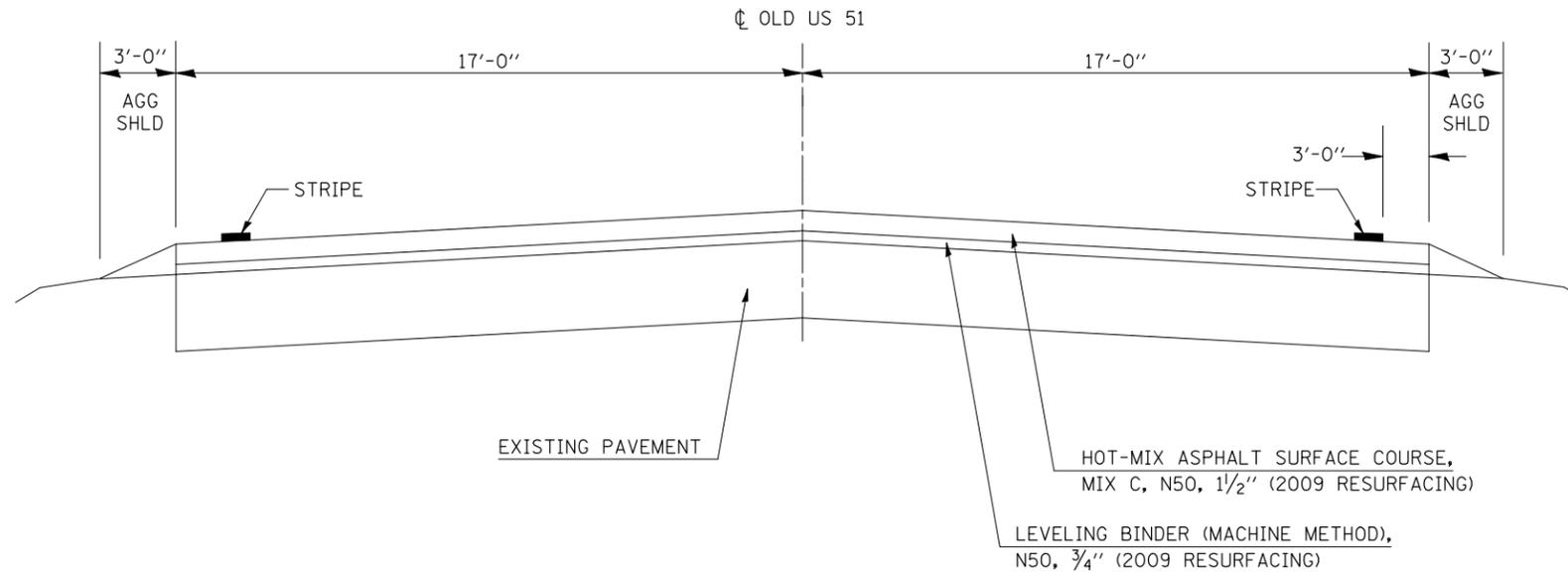
EXISTING TYPICAL CROSS SECTION ③

(OLD US 51)

134+11.45

STATION TO STATION
 ② 138+05.00 158+59.74 *
 * 134+11.45 182+92.80 ①

* BRIDGE OMISSION 158+59.74 TO 160+79.46



LOCATION #6
 SHEET 2 OF 2

• D5 CRACK & JOINT SEAL 2011-1
 ** DEWITT, MCLEAN & PIATT

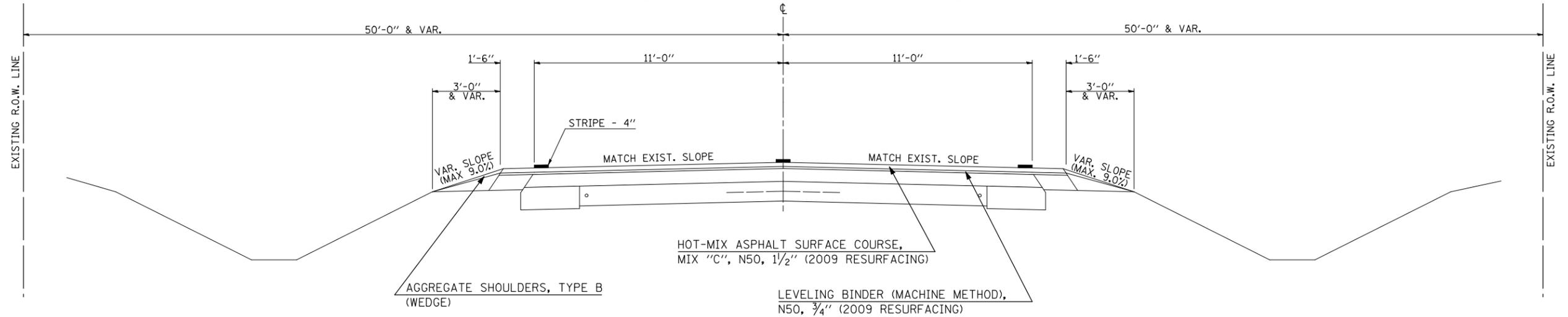
FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\p\dot\bucklesjj\d0252724\0570880-sh\typical.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	VAR.	*	**	33	24
		CHECKED -	REVISED -		CONTRACT NO. 70880									
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

EXISTING TYPICAL CROSS SECTION ①

FAP 721 (IL 105)

- * BRIDGE OMISSION 422+76.00 TO 423+44.00
- ** BRIDGE OMISSION 550+02.50 TO 550+83.50
- *** BRIDGE OMISSION 645+94.25 TO 646+85.75

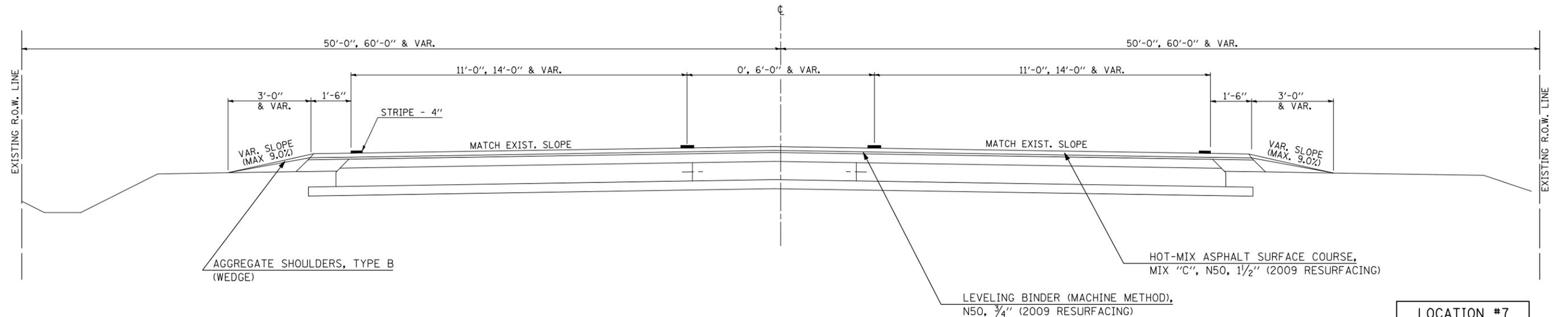
STATION	TO	STATION	
383+70.00		422+17.30 (BK)	STA EQN 422+17.30(BK) = 420+82.30(AH)
420+82.30 (AH)		422+76.00 *	
* 423+44.00		452+57.80 ②	
② 470+11.01 (AH)		550+02.50 **	
** 550+83.50		645+94.25 ***	
*** 646+85.75		738+10.00 (BK)	STA EQN 738+10.00(BK) = 738+00.00(AH)
738+00.00 (AH)		885+16.82 ④	
⑤ 892+40.00		1032+44.30 (BK) ⑥	STA EQN 1032+44.30(BK) = 277+12.59(AH)



EXISTING TYPICAL CROSS SECTION ②

FAP 721 (IL 105)

STATION	TO	STATION	
① 452+57.80		458+74.00 (N. APPROACH) ③	
③ 463+72.10		468+80.20 (BK) (W. APPROACH) ①	STA EQN 468+80.20(BK) = 470+11.01(AH)



LOCATION #7
SHEET 1 OF 3

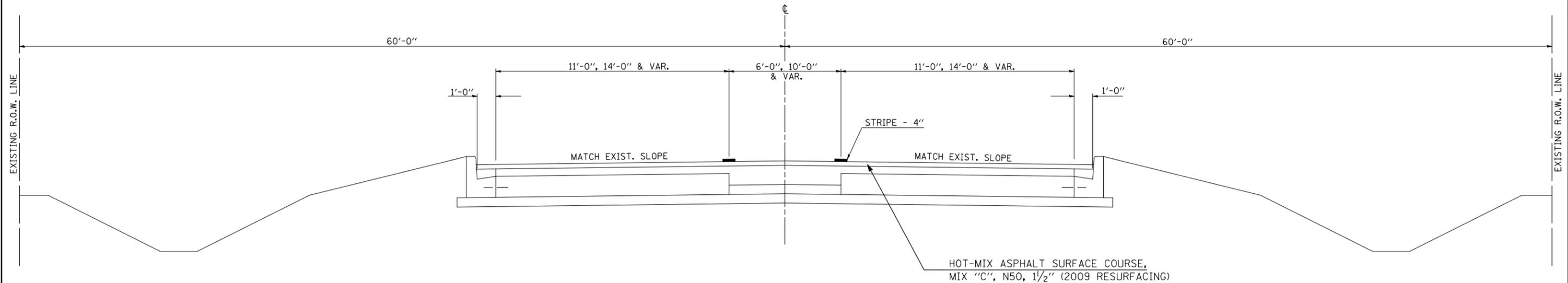
- D5 CRACK & JOINT SEAL 2011-1
- ** DEWITT, MCLEAN & PIATT

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\bucklesjj\d0252724\0570880-sh\typical.dgn	DRAWN -	REVISED -	VAR.					*	**	33	25	
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 70880									
PLOT DATE = 2/3/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.		

EXISTING TYPICAL CROSS SECTION ③

FAP 721 (IL 105)

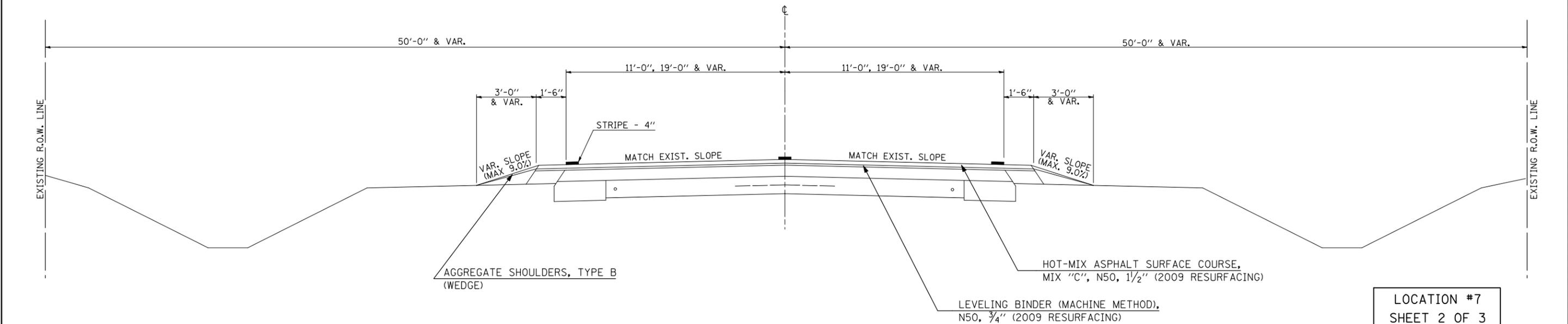
	STATION	TO	STATION	
② (N. APPROACH)	458+74.00		459+00.00 (BK)	STA EQN 459+00.00(BK) = 510+00.00(AH)
	510+00.00 (AH)		513+06.20 (BK)	STA EQN 513+06.20(BK) = 460+72.10(AH)
	460+72.10 (AH)		463+72.10 (WEST) ②	



EXISTING TYPICAL CROSS SECTION ④

FAP 721 (IL 105)

	STATION	TO	STATION
①	885+16.82		889+02.00 ⑤



LOCATION #7
SHEET 2 OF 3

- D5 CRACK & JOINT SEAL 2011-1
- DEWITT, MCLEAN & PIATT

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -
ct:\pw\work\p\d0252724\0570880-sh\typical.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 2/3/2011		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

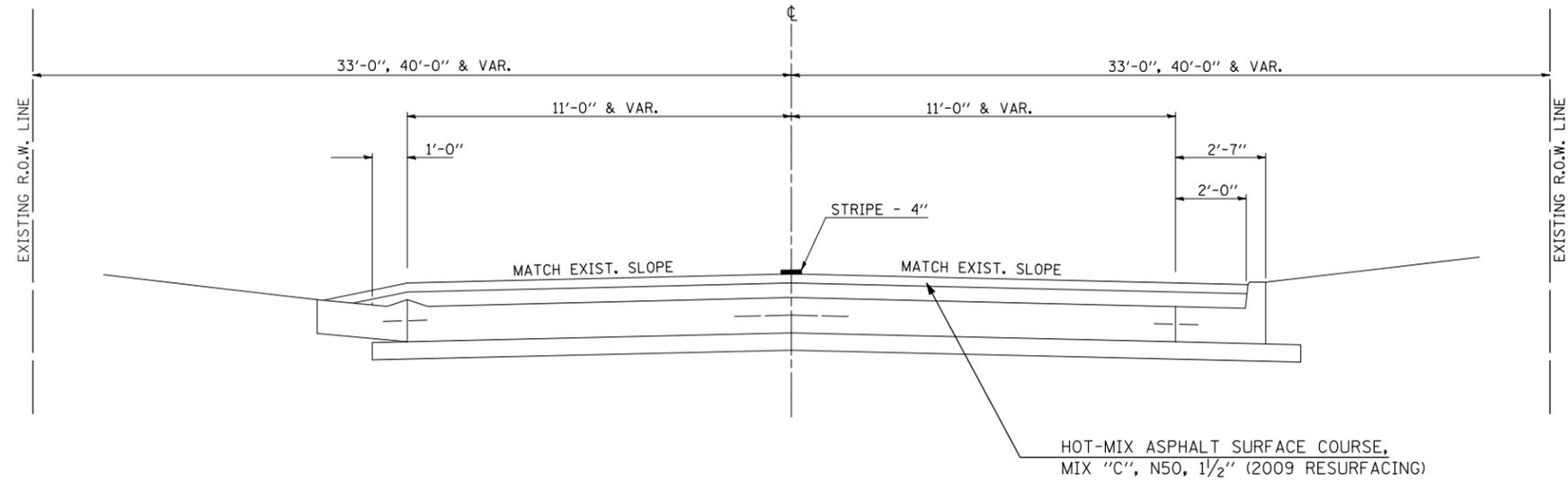
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	33	26
CONTRACT NO. 70880				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION ⑤

FAP 721 (IL 105)

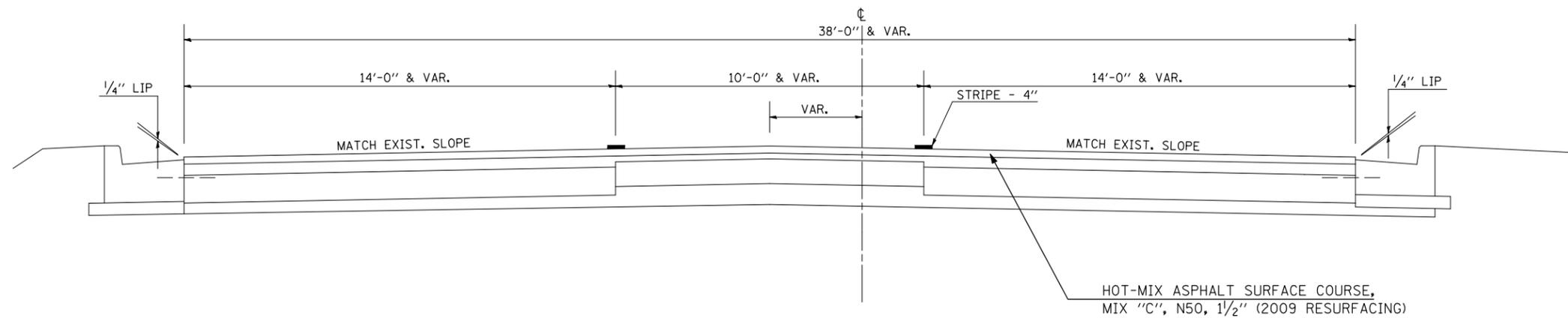
STATION ④ 889+02.00 (AH) 890+86.10	+/-	STATION 890+88.40 (BK) 892+40.00 ①	STA EQN 890+88.40(BK) = 890+86.10(AH)
--	-----	--	---------------------------------------



EXISTING TYPICAL CROSS SECTION ⑥

FAP 721 (IL 105)

STATION ① 277+12.59 (AH) 50+00.00 (AH)	+/-	STATION 270+36.69 (BK) 56+95.70 (IL 105W)	STA EQN 270+36.69(BK) = 50+00.00(AH)
--	-----	---	--------------------------------------



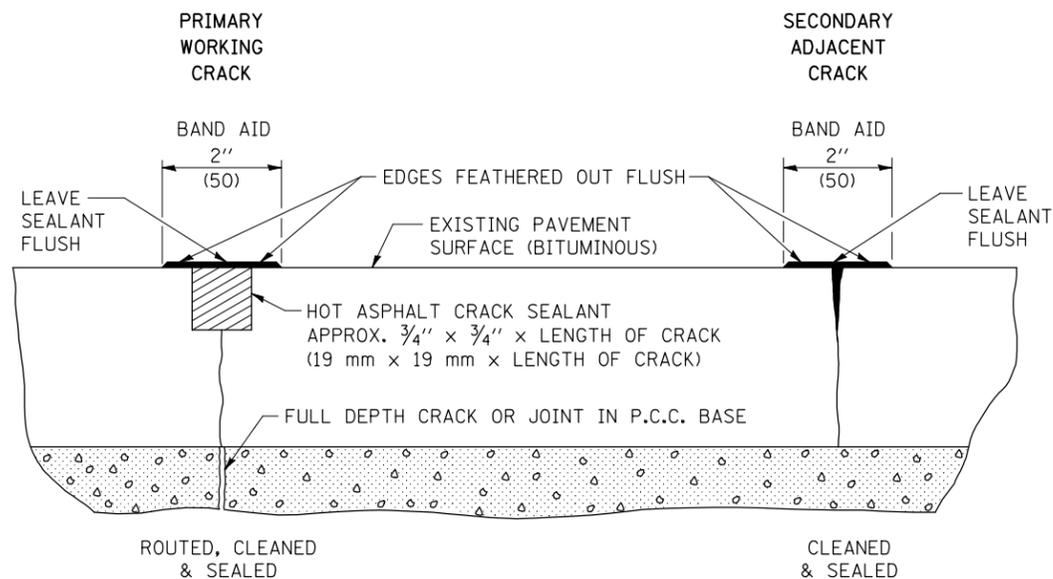
LOCATION #7
 SHEET 3 OF 3

- D5 CRACK & JOINT SEAL 2011-1
- DEWITT, MCLEAN & PIATT

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\p\dot\bucklesjj\d0252724\0570880-sh-typical.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	•	33	27
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 70880								
	PLOT DATE = 2/3/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

HMA PAVEMENT

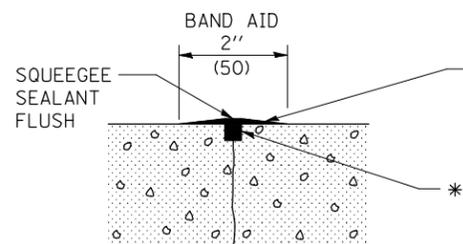
(USE PAY ITEMS : 45100100 CRACK ROUTING (PAVEMENT)
AND 45100200 CRACK FILLING)



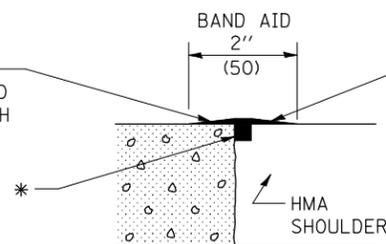
PCC PAVEMENT

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

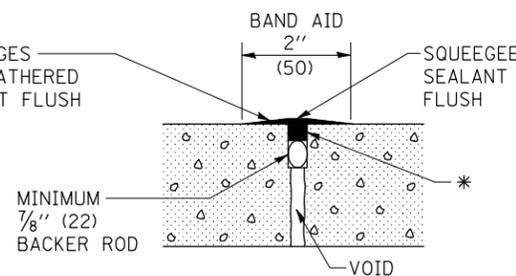
**TRANSVERSE CRACKS
AND JOINTS AND
CENTERLINE JOINT**



**LONGITUDINAL
SHOULDER JOINT**

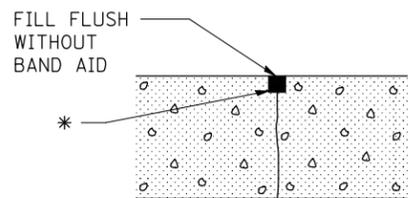


**ANY WIDE LONGITUDINAL JOINT
OR CRACK**

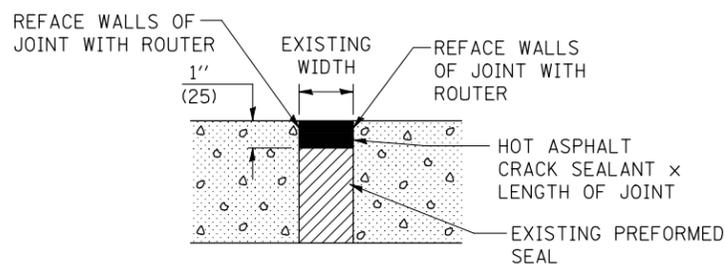


* HOT ASPHALT CRACK SEALANT
APPROX. 3/4 " x 3/4 " x LENGTH OF CRACK.
ACTUAL QUANTITY WILL VARY AS NEEDED FOR
PRIMARY OR SECONDARY WORKING CRACK.

**LONGITUDINAL
RANDOM CRACK**



**TRANSVERSE
EXPANSION JOINT**



* D5 CRACK & JOINT SEAL 2011-1
** MCLEAN, DEWITT, & PIATT

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

DISTRICT 5 DETAIL NO. 45AAAAAA

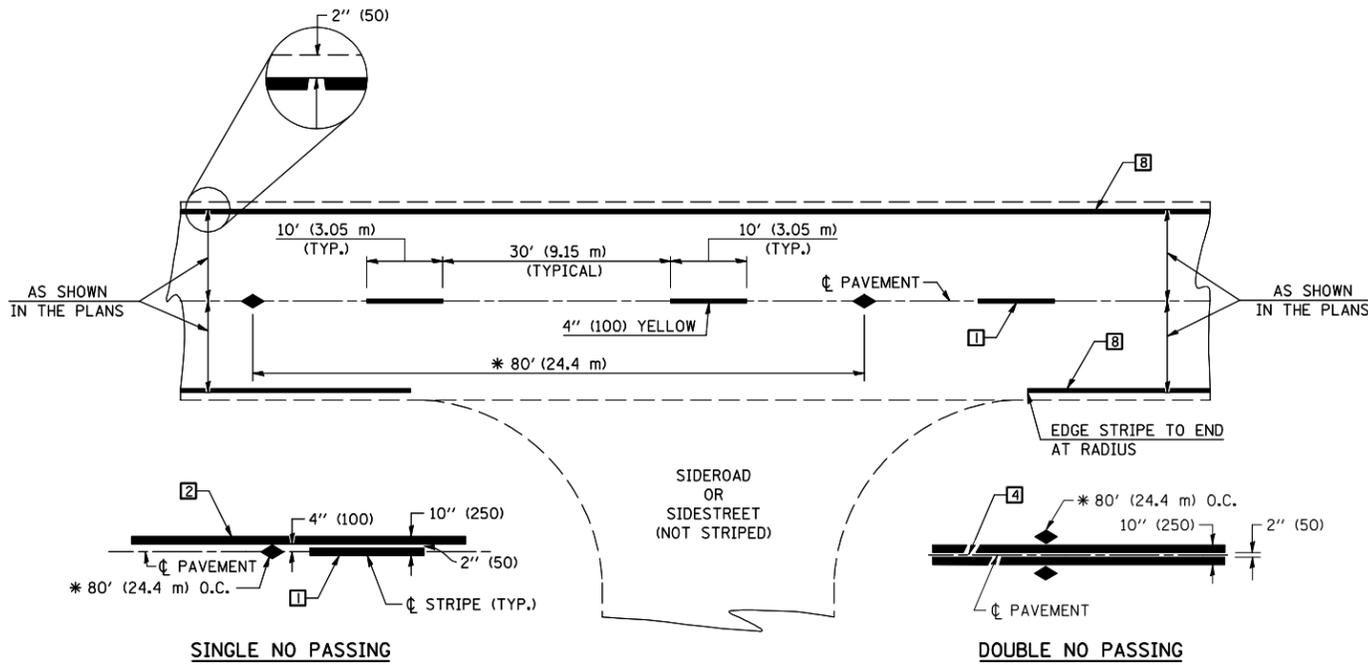
FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED - 12/06
ct:\pw\work\p\dot\bucklesjj\d0252724\0570880-shit-cover.dgn		DRAWN -	REVISED - 08/07
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED - 12/08
	PLOT DATE = 2/3/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CRACK AND JOINT SEALING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	33	28
			CONTRACT NO. 70880	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

TWO LANE/TWO WAY

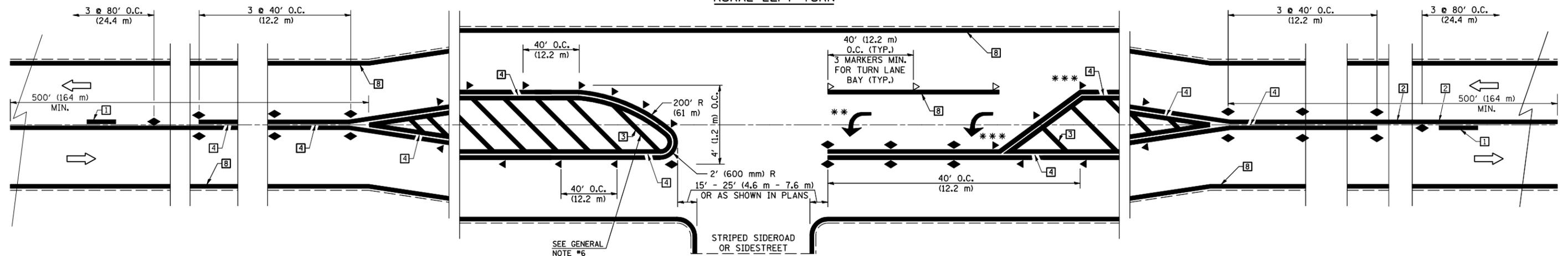
TYPICAL PAVEMENT MARKING LEGEND

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

TYPICAL PAVEMENT MARKERS LEGEND

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

RURAL LEFT TURN



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

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

* D5 CRACK & JOINT SEAL 2011-1
** MCLEAN, DEWITT, & PIATT

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

DISTRICT 5 DETAIL NO. 7800AAA

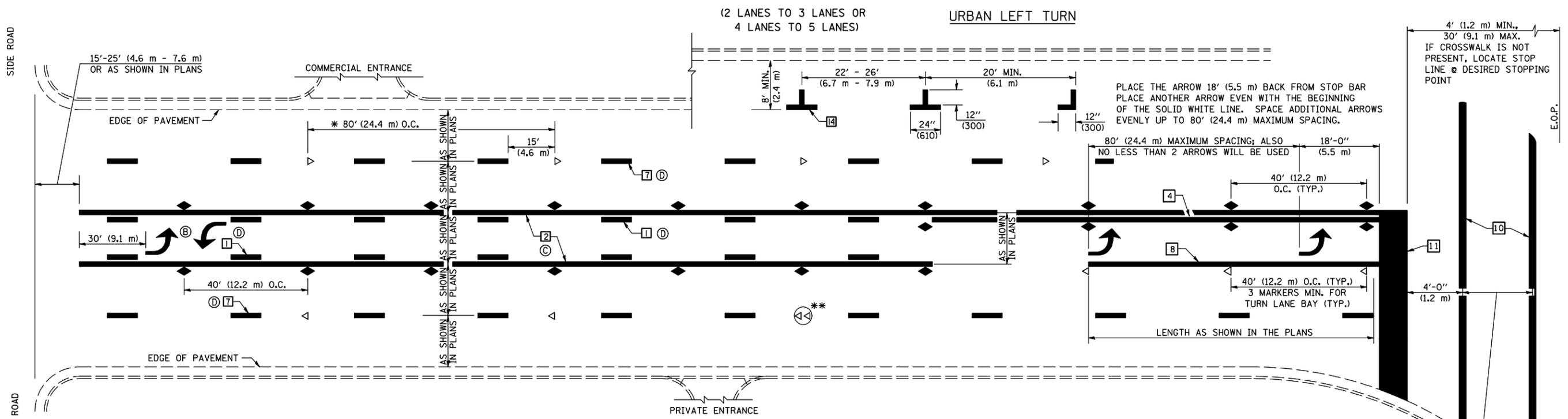
FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED - 11/06
ct:\pw\work\p\dot\bucklesjj\d0252724\0570880-shit-cover.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

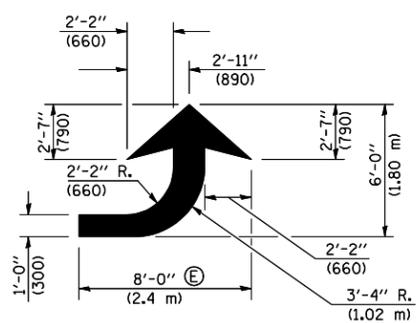
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	**	*	33	29
			CONTRACT NO. 70880	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



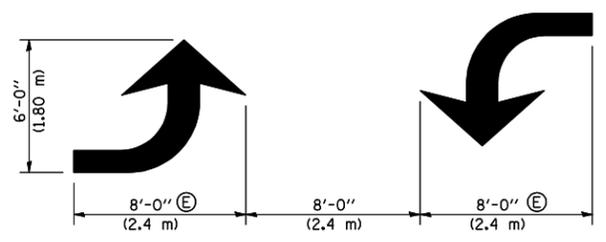
* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

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

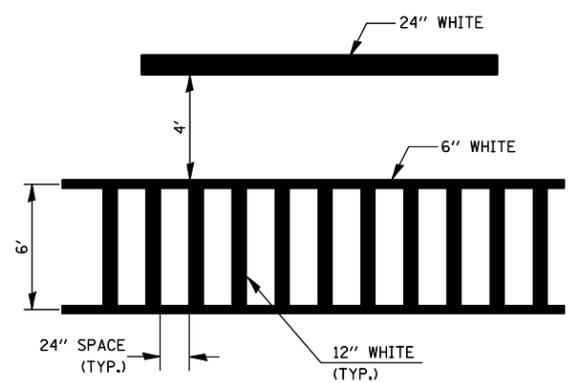


LEFT ARROW
 REVERSE FOR RIGHT ARROW
 AREA = 15.6 SQ. FT. (1.47 m²)
 (WHITE)

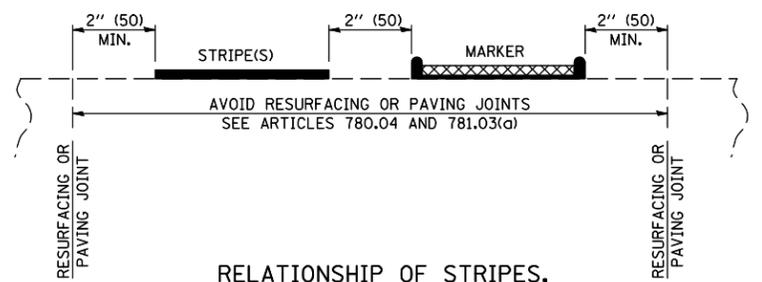


TYPICAL DOUBLE TURN ARROWS (WHITE)

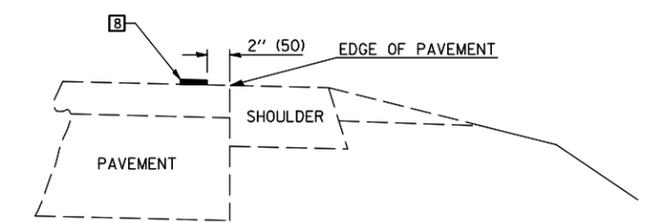
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



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

CROSSWALK WIDTH 6'-0" (1.8 m) OR AS SHOWN IN THE PLANS

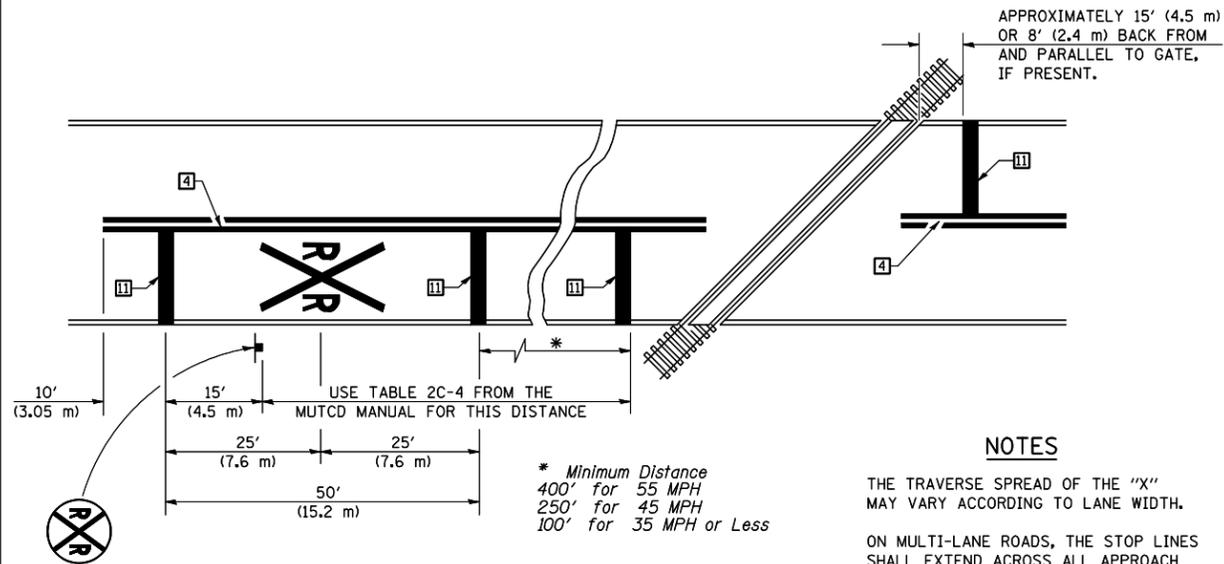
* D5 CRACK & JOINT SEAL 2011-1
 ** MCLEAN, DEWITT, & PIATT

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

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\pwwork\bucklesjj\d0252724\050880-shit-cover.dgn	DRAWN -	REVISED - 09/2009 - KJT	VAR.			*	**	33	30	
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 70880							
PLOT DATE = 2/3/2011	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



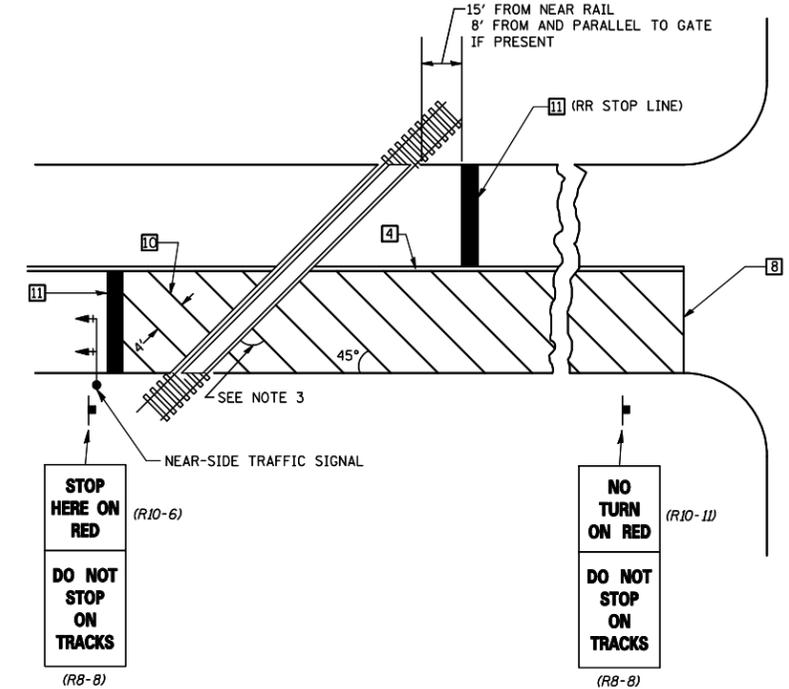
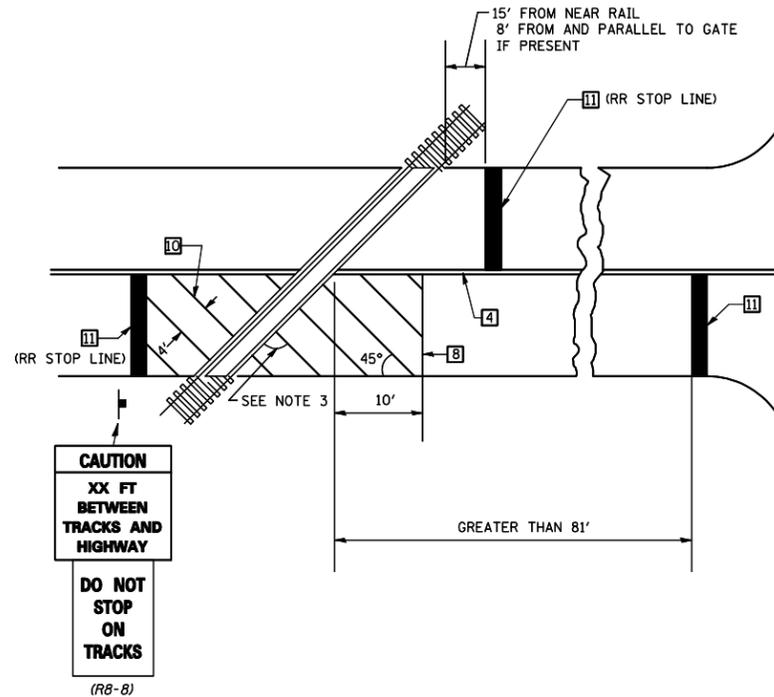
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

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.

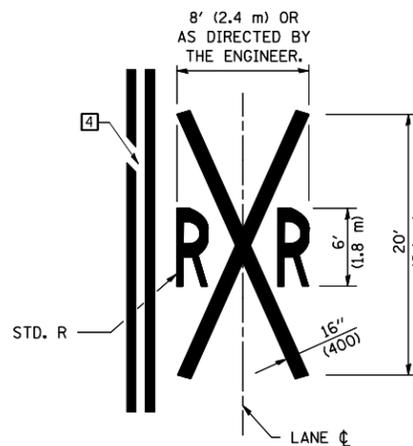
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



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.



* D5 CRACK & JOINT SEAL 2011-1
 ** MCLEAN, DEWITT, & PIATT

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

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED - 11/06
ct:\pw\work\pwwork\pwwork\bucklesjj\0252724\0570880-shit-cover.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2011	DATE -	REVISED -

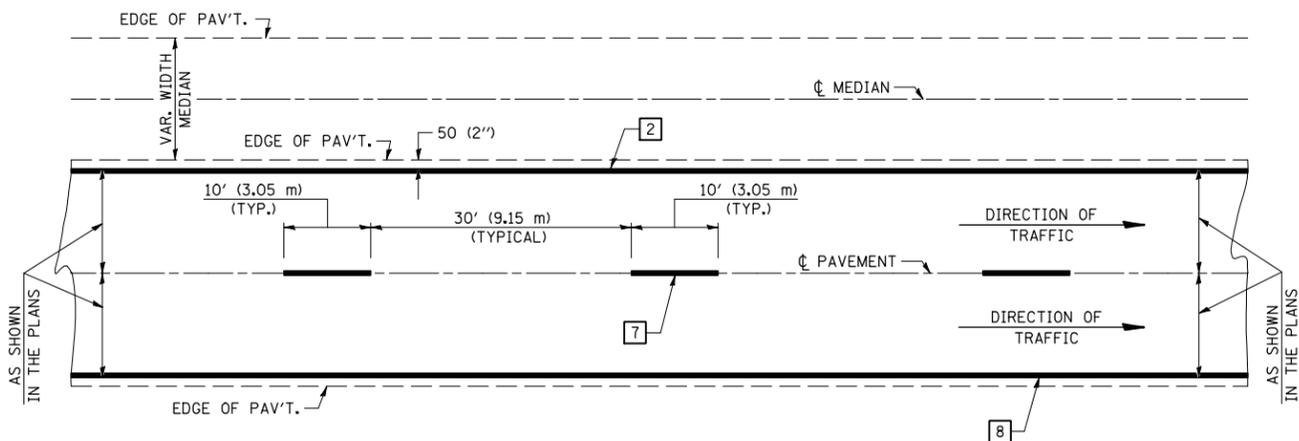
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	33	32
			CONTRACT NO. 70880	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CENTERLINE INTERSTATE OR MULTI-LANE TWO WAY DIVIDED HIGHWAY

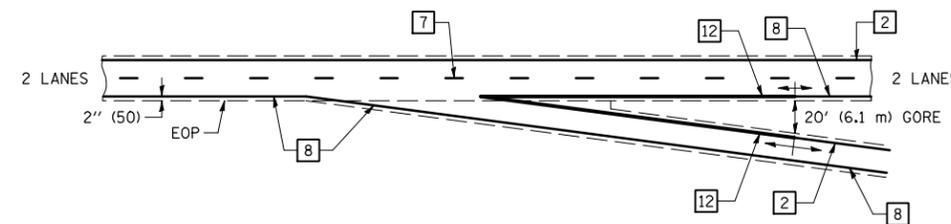


NOTE: PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.

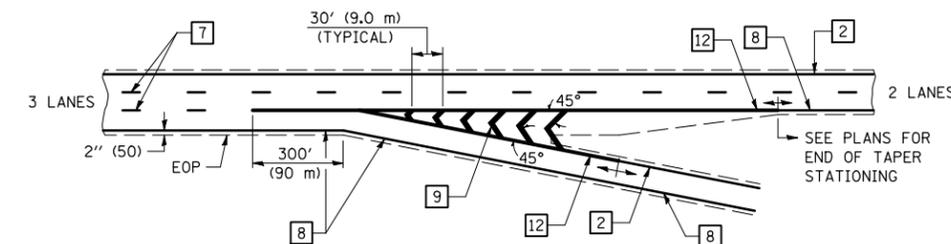
NOTE: SEE ARTICLES 780.04 & 781.03 FOR LOCATION OF STRIPES AND MARKERS RELATIVE TO EDGES OR JOINTS.

FOR RAISED REFLECTIVE PAVEMENT MARKERS, REFER TO STANDARD 781001.

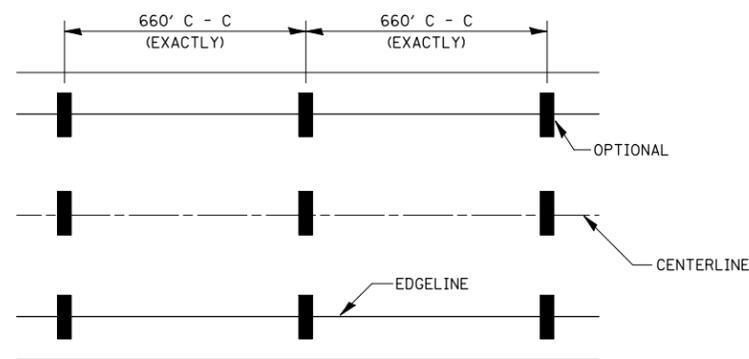
TYPICAL EXIT RAMP TERMINAL



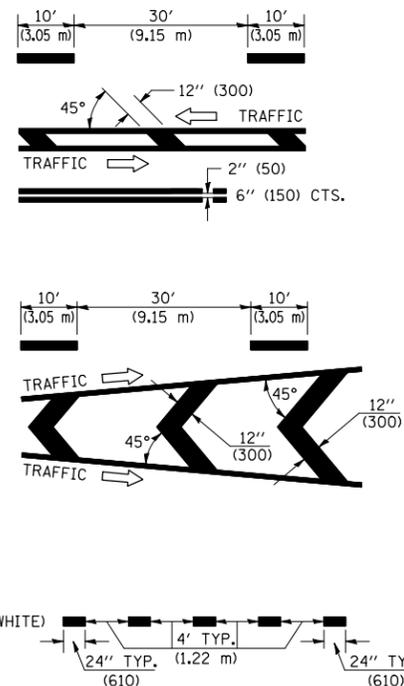
EXIT RAMP TERMINAL with EXCLUSIVE (auxiliary) LANE



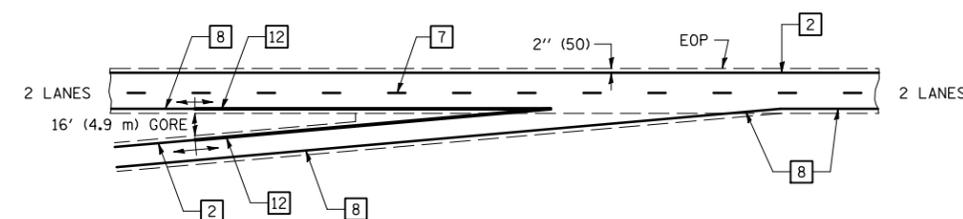
TYPICAL PAVEMENT MARKING LEGEND



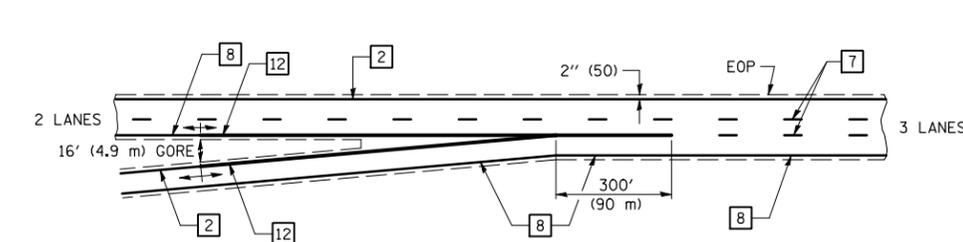
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)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



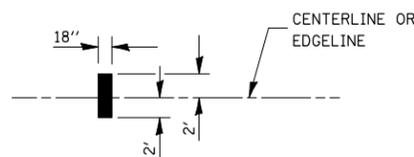
TYPICAL ENTRANCE RAMP TERMINAL



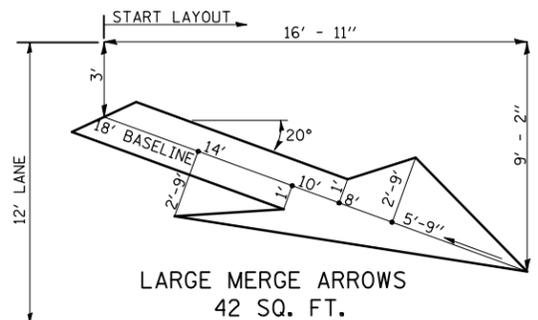
ENTRANCE RAMP TERMINAL with EXCLUSIVE LANE



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



* D5 CRACK & JOINT SEAL 2011-1
 ** MCLEAN, DEWITT, & PIATT
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800BBBB

FILE NAME =	USER NAME = bucklesJJ	DESIGNED -	REVISED - 11/06
ct:\pw\work\pww\dot\bucklesJJ\d0252724\0570880-shit-cover.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2011	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING (INTERSTATE & MULTI-LANE APPLICATIONS)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	**	33	33
CONTRACT NO. 70880				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		