

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 14

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	ILLINOIS	36	1
CONTRACT NO. 70982				

D5 CRACK & JOINT SEAL 2013-2

D-95-028-12

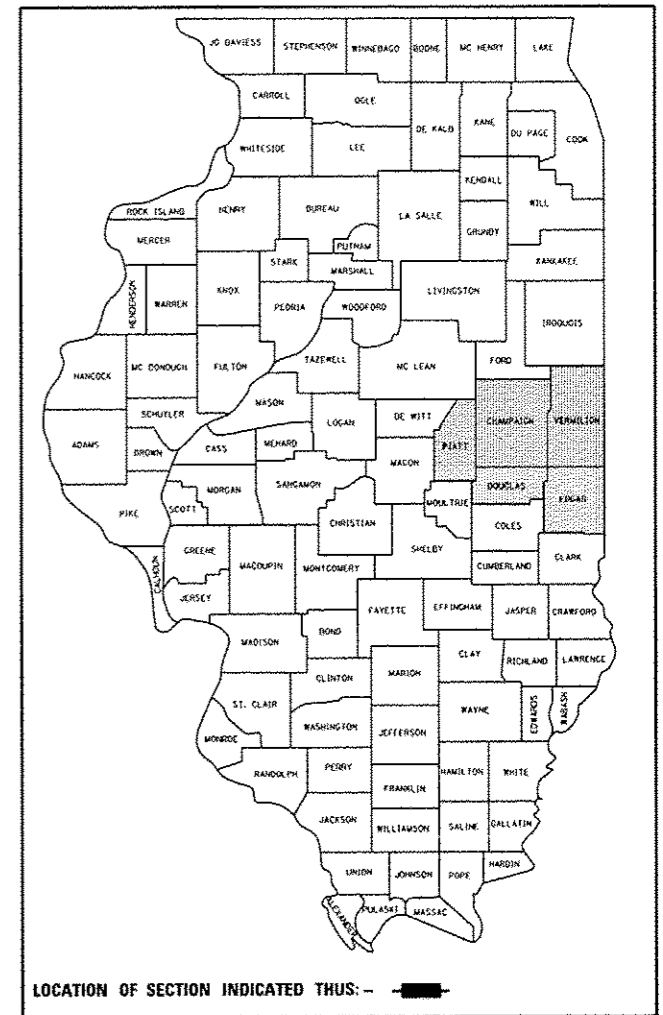
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

**VARIOUS ROUTES
SECTION D5 CRACK & JOINT SEAL 2013-2
ROUT & SEAL
VARIOUS COUNTIES**

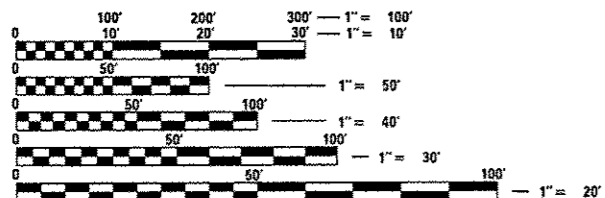
C-95-028-12

SEE PAGES 3-12 FOR LOCATION MAPS, GROSS & NET LENGTHS OF PROJECT BY LOCATION



CURRENT TRAFFIC DATA

- LOCATION #1: F.A.P. RTE. 323 / (U.S. 36)
FROM IL 49 TO C.H. 11 (SHILOH RD.)
AVERAGE ADT = 1,550
- LOCATION #2: F.A.P. RTE. 836 / (IL 49)
FROM U.S. 150 AT OGDEN TO SCL OF HOMER
AVERAGE ADT = 3,200
- LOCATION #3: F.A.P. RTE. 697 / (IL 9)
FROM FORD COUNTY LINE TO ECL TO HOOPESTOON
AVERAGE ADT = 2,450
- LOCATION #4: F.A.P. RTE. 697 / (IL 9)
FROM ECL OF HOOPESTOON TO INDIANA STATE LINE
AVERAGE ADT = 1,400
- LOCATION #5: F.A.P. RTE. 711 / (IL 119)
FROM IL. 1 TO INDIANA STATE LINE
AVERAGE ADT = 1,850
- LOCATION #6: F.A.P. RTE. 323 / (U.S. 36)
FROM MOULTRIE COUNTY LINE TO U.S. 45 OVERPASS
AVERAGE ADT = 5,100
- LOCATION #7: F.A.P. RTE. 816 / (ATWOOD-ARTHUR ROAD)
FROM NCL OF ARTHUR TO U.S. 36
AVERAGE ADT = 3,850
- LOCATION #8: F.A.P. RTE. 808 / (U.S. 150 / U.S. 45)
FROM WRIGHT ST. TO EAST OF RACE ST. IN URBANA
AVERAGE ADT = 20,100
- LOCATION #9: F.A.P. RTE. 725 / (IL 10)
FROM MATTIS AVE. TO PROSPECT AVE. IN CHAMPAIGN
AVERAGE ADT = 13,700
- LOCATION #10: F.A.P. RTE. 808 / (IL 130)
FROM MADISON ST. IN PHILO TO NCL OF VILLA GROVE
AVERAGE ADT = 3,450

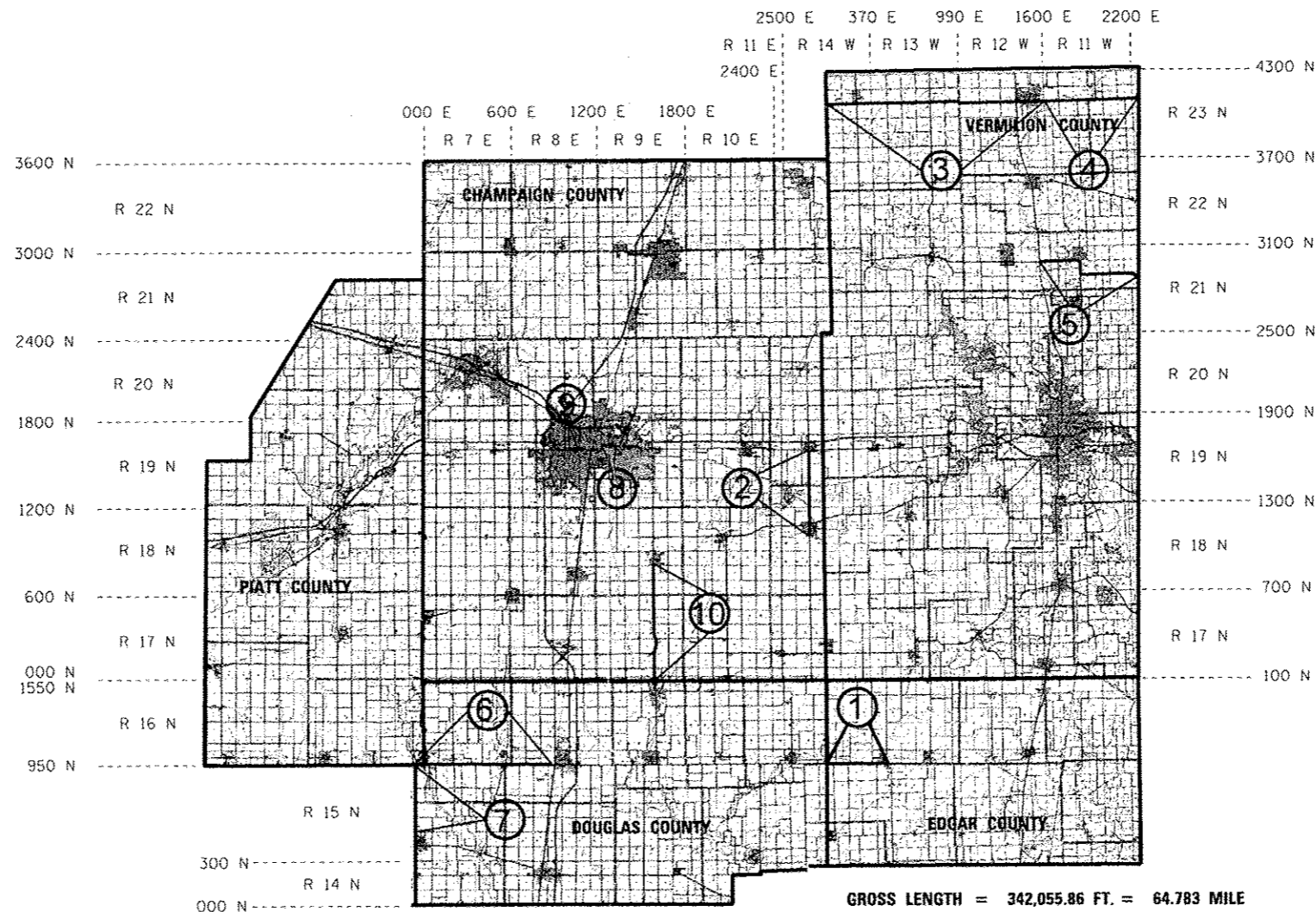


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: JASON STULTS
SQUAD LEADER: GREG EAGLIN
DESIGNER: CARL BAKER
PHONE NUMBER: (217)-465-4181

CONTRACT NO. 70982



GROSS LENGTH = 342,055.86 FT. = 64.783 MILE
NET LENGTH = 337,804.94 FT. = 63.978 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 1/29 2013
Joseph E. Crowe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 22 2013
John D. Baranzelli PE
ENGINEER OF DESIGN AND ENVIRONMENT

March 22 2013
Omey Osman PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF STANDARDS
3-12	LOCATION MAPS
13	GENERAL NOTES
14	SUMMARY OF QUANTITIES
15-30	EXISTING TYPICAL CROSS SECTIONS
31	SCHEDULE OF QUANTITIES
32	DETAIL FOR CRACK AND JOINT SEALING
33-36	DETAIL FOR PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

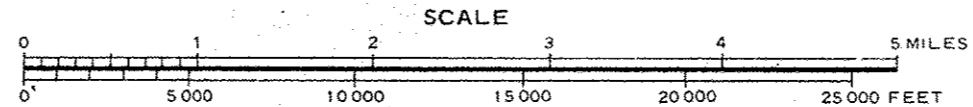
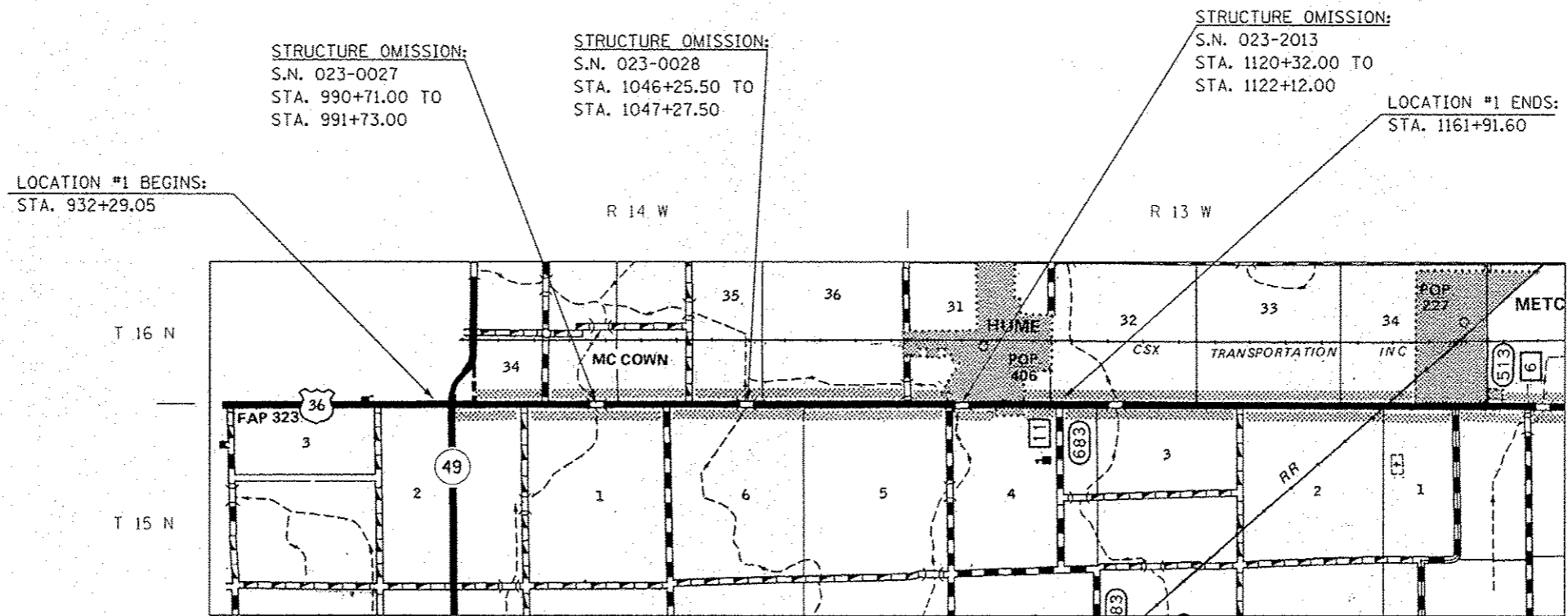
LIST OF STANDARDS

STANDARD NO.	NAME OF STANDARD
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 \geq 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701602-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-02	TRAFFIC CONTROL DEVICES
780001-03	TYPICAL PAVEMENT MARKINGS

• D5 CRACK & JOINT SEAL 2013-2

FILE NAME = c:\pwork\pvidat\bakercr\0327161\0570	USER NAME = bakercr B2-shc-gennote.dgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS LIST OF STANDARDS	F.A. RTE. VAR.	SECTION •	COUNTY VARIES	TOTAL SHEETS 36	SHEET NO. 2
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LOCATION MAP #1
F.A.P. ROUTE 323 (U.S. 36)
FROM IL. 49 TO CH 11 (SHILOH RD.)
EDGAR COUNTY /RURAL 2 LANE



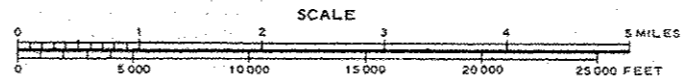
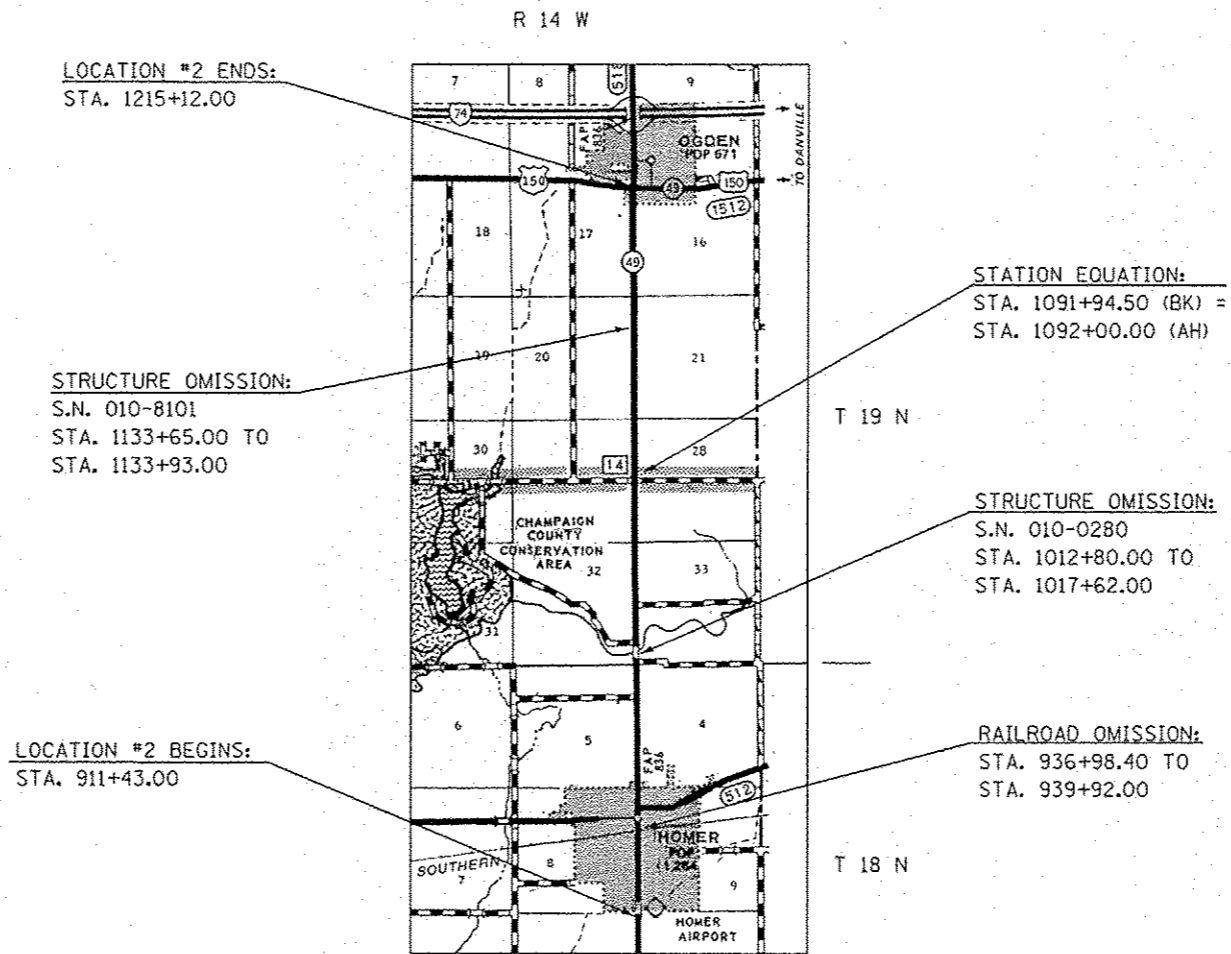
GROSS LENGTH OF LOCATION #1 = 22,962.55 FT = 4.349 MILES
NET LENGTH OF LOCATION #1 = 22,578.55 FT = 4.276 MILES

TOWNSHIP:
YOUNG AMERICA & SHILOH

• D5 CRACK & JOINT SEAL 2013-2

FILE NAME :	USER NAME : baker	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #1	F.A.P. RTE. VAR.	SECTION *	COUNTY VARIES	TOTAL SHEETS 36	SHEET NO. 3
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MODEL NAME :	PLT DATE : 1/28/2013	CHECKED -	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 70982
		DATE -	REVISED -							ILLINOIS FED. AID PROJECT

LOCATION MAP #2
F.A.P. ROUTE 836 (IL. 49)
FROM U.S. 150 AT OGDEN TO SCL OF HOMER
CHAMPAIGN COUNTY /RURAL 2 LANE



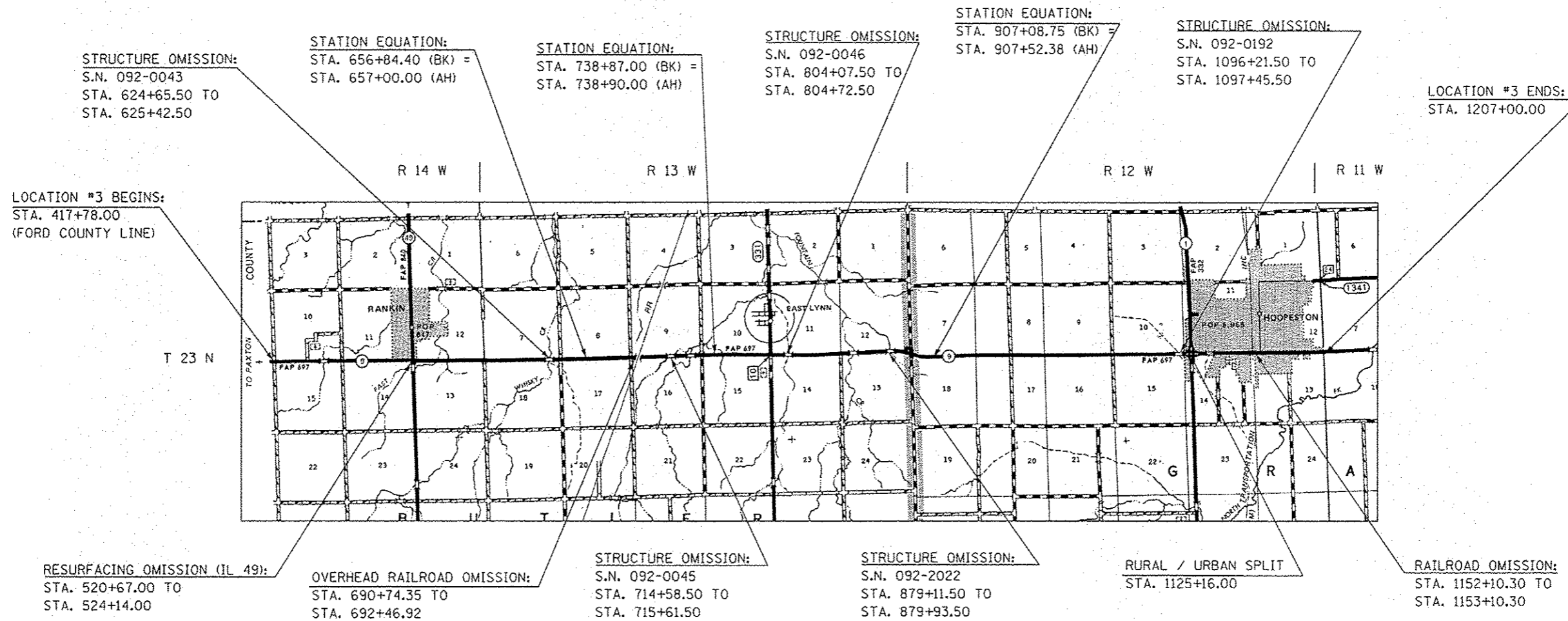
TOWNSHIP:
SOUTH HOMER & OGDEN

GROSS LENGTH OF LOCATION #2 = 30,363.50 FT = 5.751 MILES
NET LENGTH OF LOCATION #2 = 29,559.90 FT = 5.598 MILES

• D5 CRACK & JOINT SEAL 2013-2

FILE NAME :	USER NAME : baker/r	DESIGNED -	REVISED -	STATE OF ILLINOIS	LOCATION MAP #2	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 1/28/2013	DATE -	REVISED -		STA.	TO STA.				

LOCATION MAP #3
F.A.P. ROUTE 697 (IL. 9)
FROM FORD COUNTY LINE TO ECL OF HOOPESTON
VERMILION COUNTY /RURAL & URBAN 2 LANE



FILE NAME : c:\pwwork\pwwork\bakarc\0327161\0570	USER NAME : bakarc 02\ht-location map.dgn	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #3	F.A. RTE. VAR.	SECTION -	COUNTY VARIES	TOTAL SHEETS 36	SHEET NO. 5	CONTRACT NO. 70982
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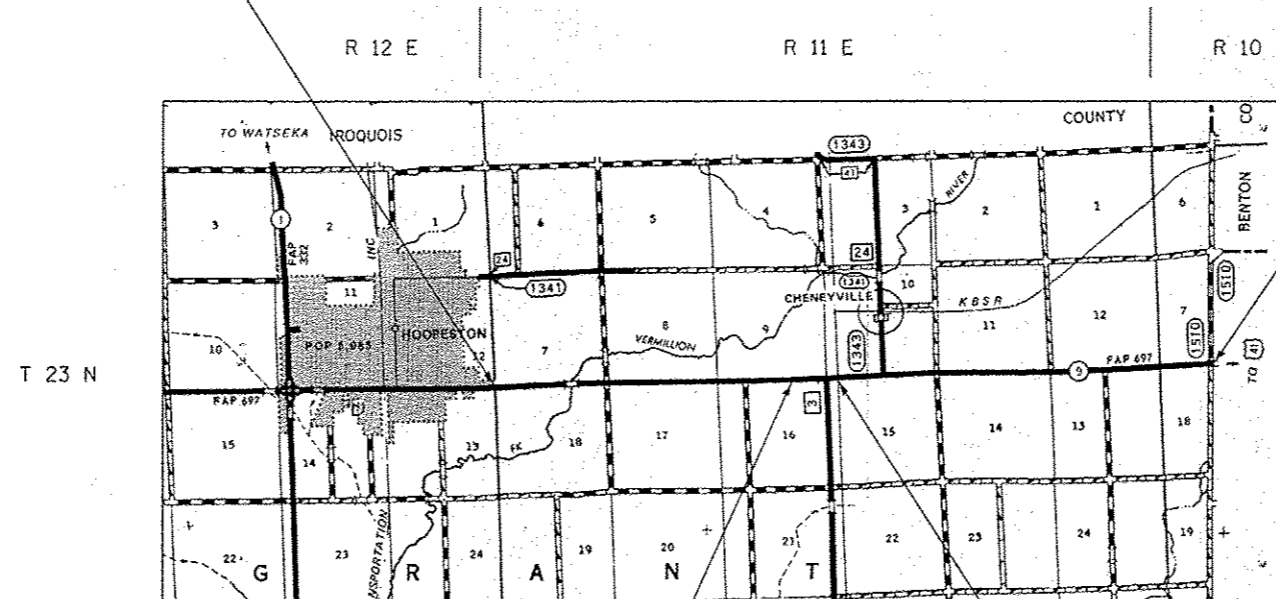
• D5 CRACK & JOINT SEAL 2013-2

LOCATION MAP #4
F.A.P. ROUTE 697 (IL. 9)
FROM ECL OF HOOPESTON TO INDIANA STATE LINE
VERMILION COUNTY /RURAL 2 LANE



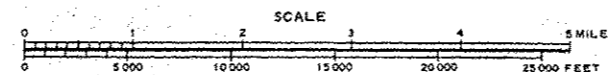
LOCATION #4 BEGINS:
 STA. 1207+00.00

LOCATION #4 ENDS:
 STA. 1552+29.35



STATION EQUATION:
 STA. 1359+99.91 (BK) =
 STA. 1359+99.69 (AH)

RAILROAD OMISSION:
 STA. 1372+05.00 TO
 STA. 1373+05.00



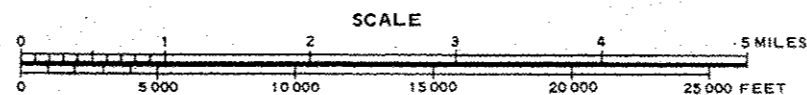
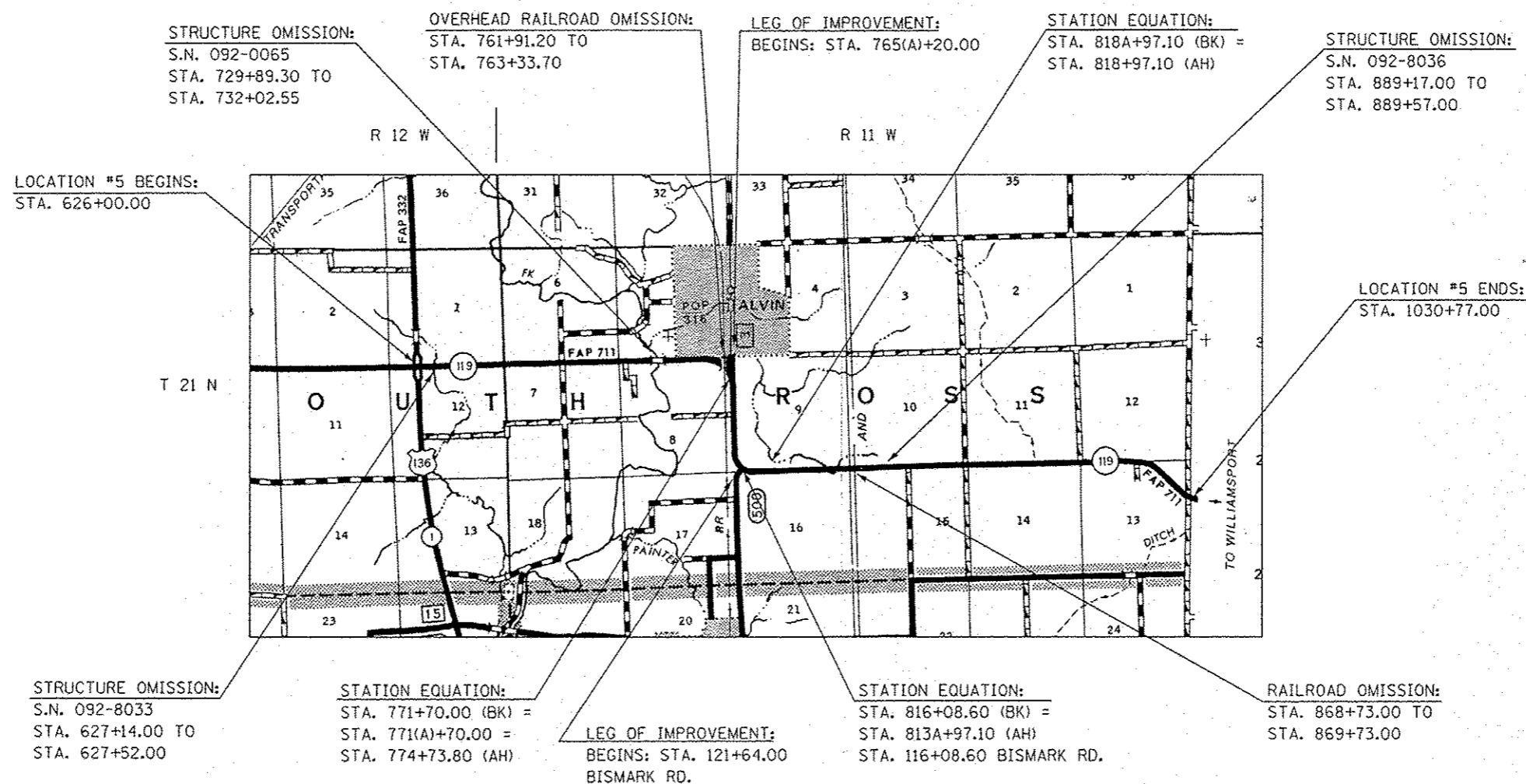
TOWNSHIP:
 GRANT

GROSS LENGTH OF LOCATION #4 = 34,529.57 FT = 6.540 MILES
NET LENGTH OF LOCATION #4 = 34,429.57 FT = 6.521 MILES

• D5 CRACK & JOINT SEAL 2013-2

FILE NAME :	USER NAME : bakerc	DESIGNED -	REVISED -	STATE OF ILLINOIS	LOCATION MAP #4	F.A.P. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\p\work\p\idat\bakerc-140327161-0570182\ah\location map.dgn	182\ah\location map.dgn	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION	SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.	VAR.	-	VARIES	36	6
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	PLOT DATE = 1/29/2013	DATE -	REVISED -					ILLINOIS FED. AID PROJECT		

LOCATION MAP #5
F.A.P. ROUTE 711 (IL. 119)
FROM IL. 1 TO INDIANA STATE LINE
VERMILION COUNTY /RURAL 2 LANE



TOWNSHIP:
SOUTH ROSS

GROSS LENGTH OF LOCATION #5 = 40,384.70 FT = 7.649 MILES
NET LENGTH OF LOCATION #5 = 39,850.95 FT = 7.548 MILES

• D5 CRACK & JOINT SEAL 2013-2

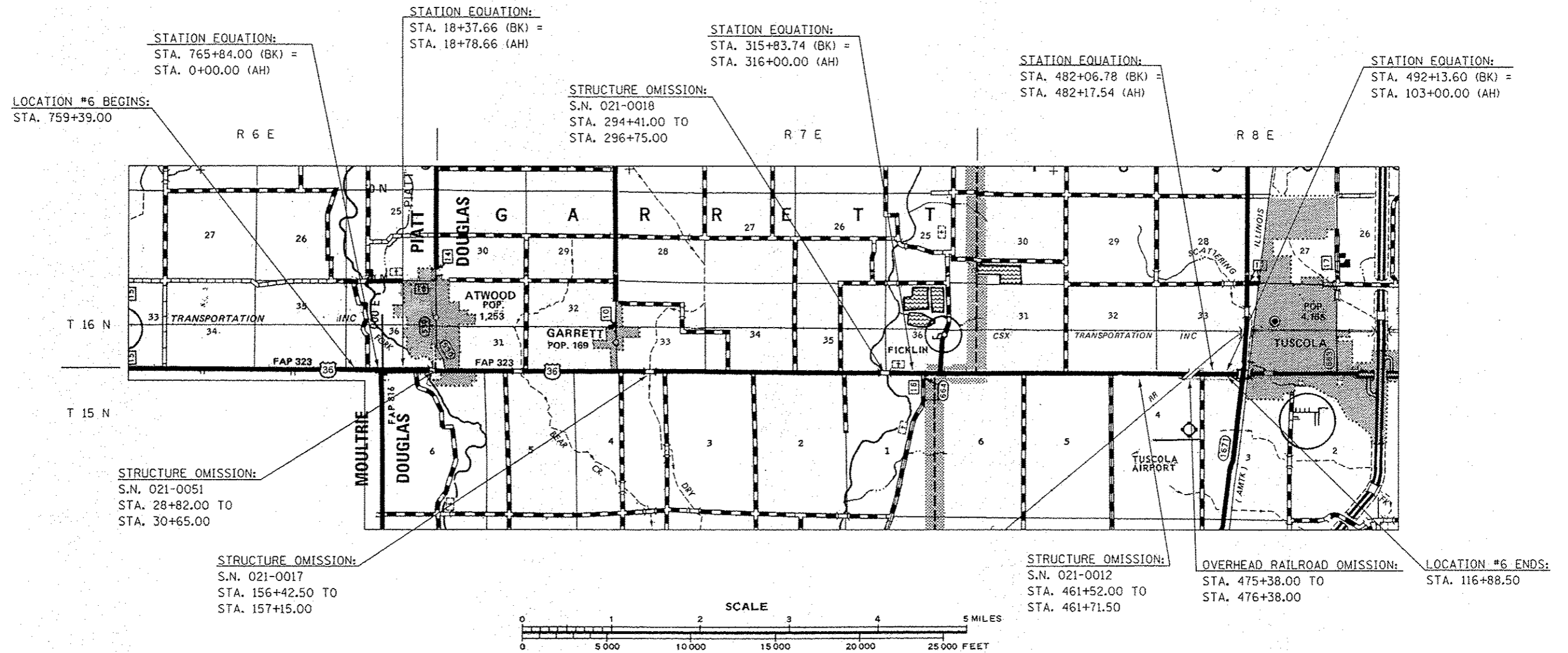
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	PLOT SCALE: 40,000 1/4 in.	CHECKED: -	REVISED: -			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.		
#MODELNAME:	PLOT DATE: 1/20/2013	DATE: -	REVISED: -								
								CONTRACT NO. 70982	ILLINOIS FED. AID PROJECT		

LOCATION MAP #6

F.A.P. ROUTE 323 (U.S. 36)

FROM MOULTRIE COUNTY LINE TO U.S. 45 OVERPASS

DOUGLAS & PIATT COUNTY /RURAL 2 LANE



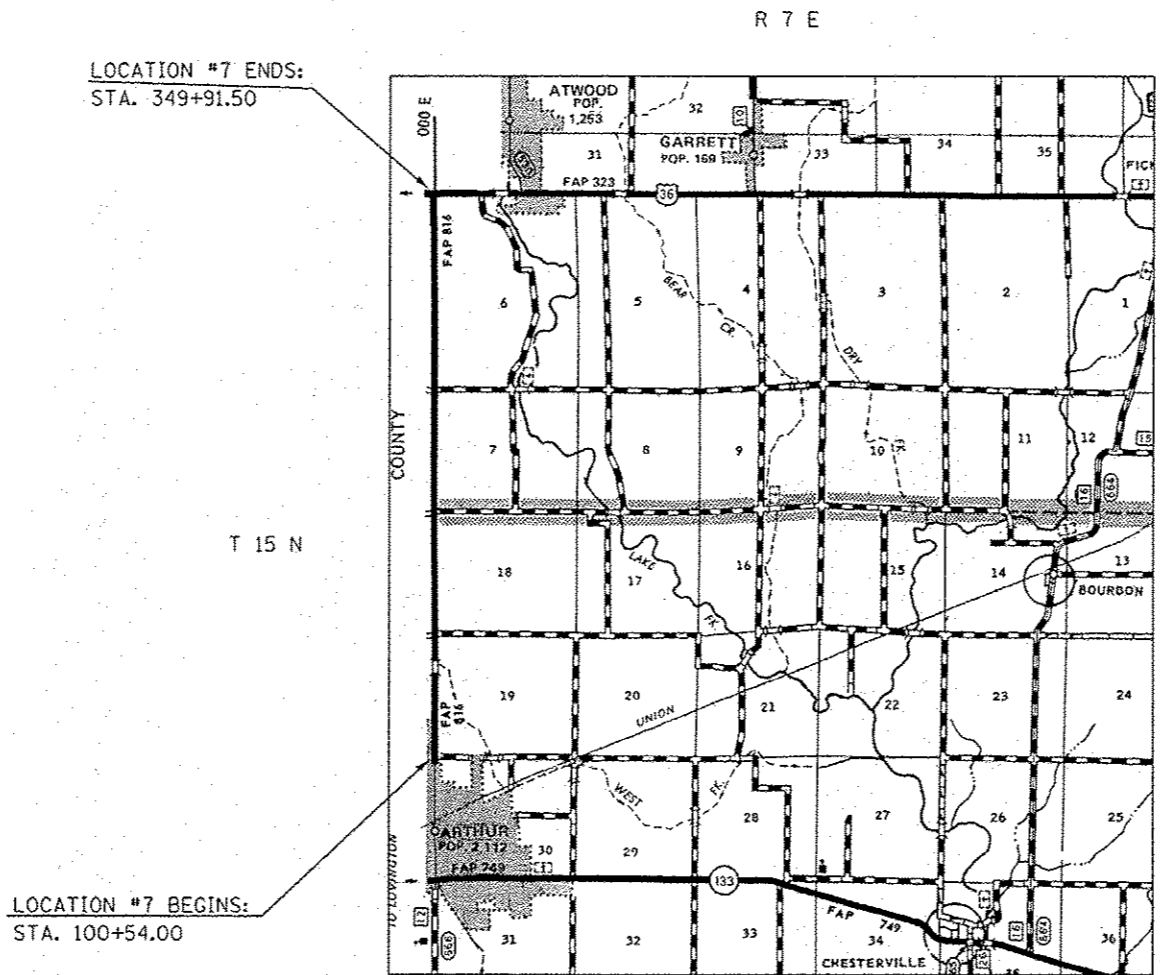
GROSS LENGTH OF LOCATION #6 = 51,179.08 FT = 9.693 MILES
NET LENGTH OF LOCATION #6 = 50,570.08 FT = 9.578 MILES

TOWNSHIP:
TUSCOLA & GARRETT

• D5 CRACK & JOINT SEAL 2013-2

FILE NAME:	USER NAME: baker	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #6	F.A. RTE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cs:\pwork\p\sidot\baker\108327161\0570	02-shc-location map.dgn	DRAWN: -	REVISED: -					VARIES	36	8
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	PLOT DATE: 1/29/2013	DATE: -	REVISED: -		SCALE: SHEET 1 OF 1 SHEETS	STA. TO STA.		ILLINOIS FED. AID PROJECT		

LOCATION MAP #7
F.A.P. ROUTE 816 (ATWOOD-ARTHUR ROAD)
FROM NCL OF ARTHUR TO U.S. 36
DOUGLAS COUNTY /RURAL 2 LANE



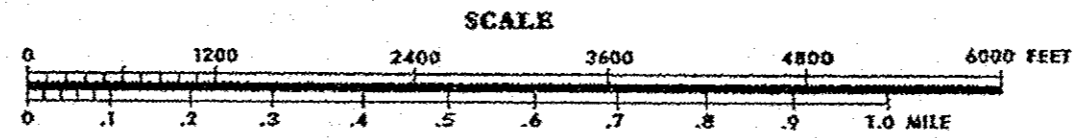
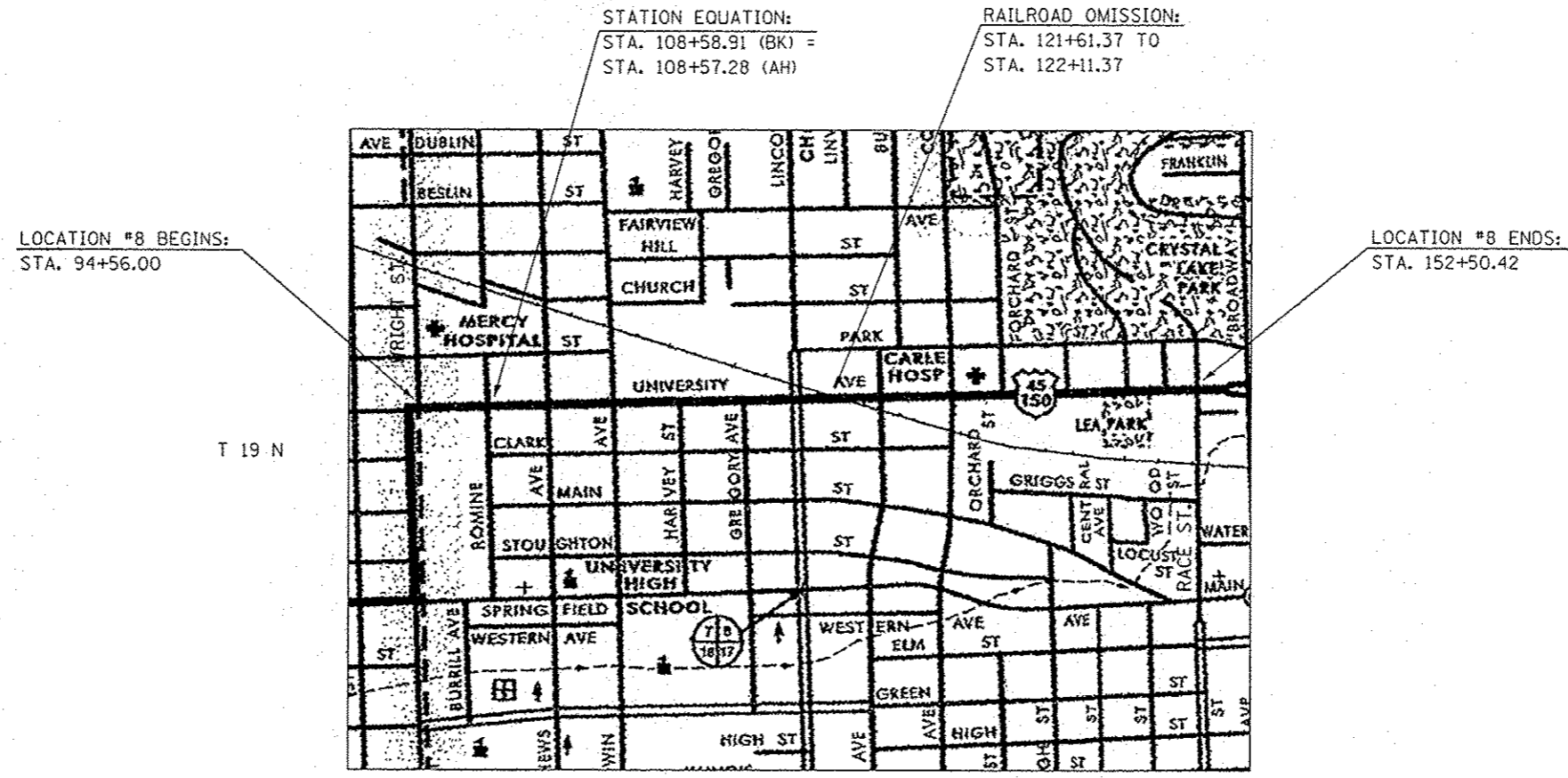
TOWNSHIP:
GARRETT & BOURBON

GROSS LENGTH OF LOCATION #7 = 24,937.50 FT = 4.723 MILES
NET LENGTH OF LOCATION #7 = 24,937.50 FT = 4.723 MILES

• D5 CRACK & JOINT SEAL 2013-2

FILE NAME : c:\p\work\p\idat\baker\0327161\0570	USER NAME : baker	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #7	F.A. RTE. VAR.	SECTION -	COUNTY VARIES	TOTAL SHEETS 36	SHEET NO. 9
PLOT SCALE : 40,000' / 1" =		DRAWN -	REVISED -	SCALE: SHEET 1 OF SHEETS STA. 1 TO STA.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 70982		
PLOT DATE : 1/28/2013		CHECKED -	REVISED -							
		DATE -	REVISED -							

LOCATION MAP #8
F.A.P. ROUTE 808 (U.S. 150 /U.S. 45)
FROM WRIGHT STREET TO EAST OF RACE STREET IN URBANA
CHAMPAIGN COUNTY /URBAN 2 LANE



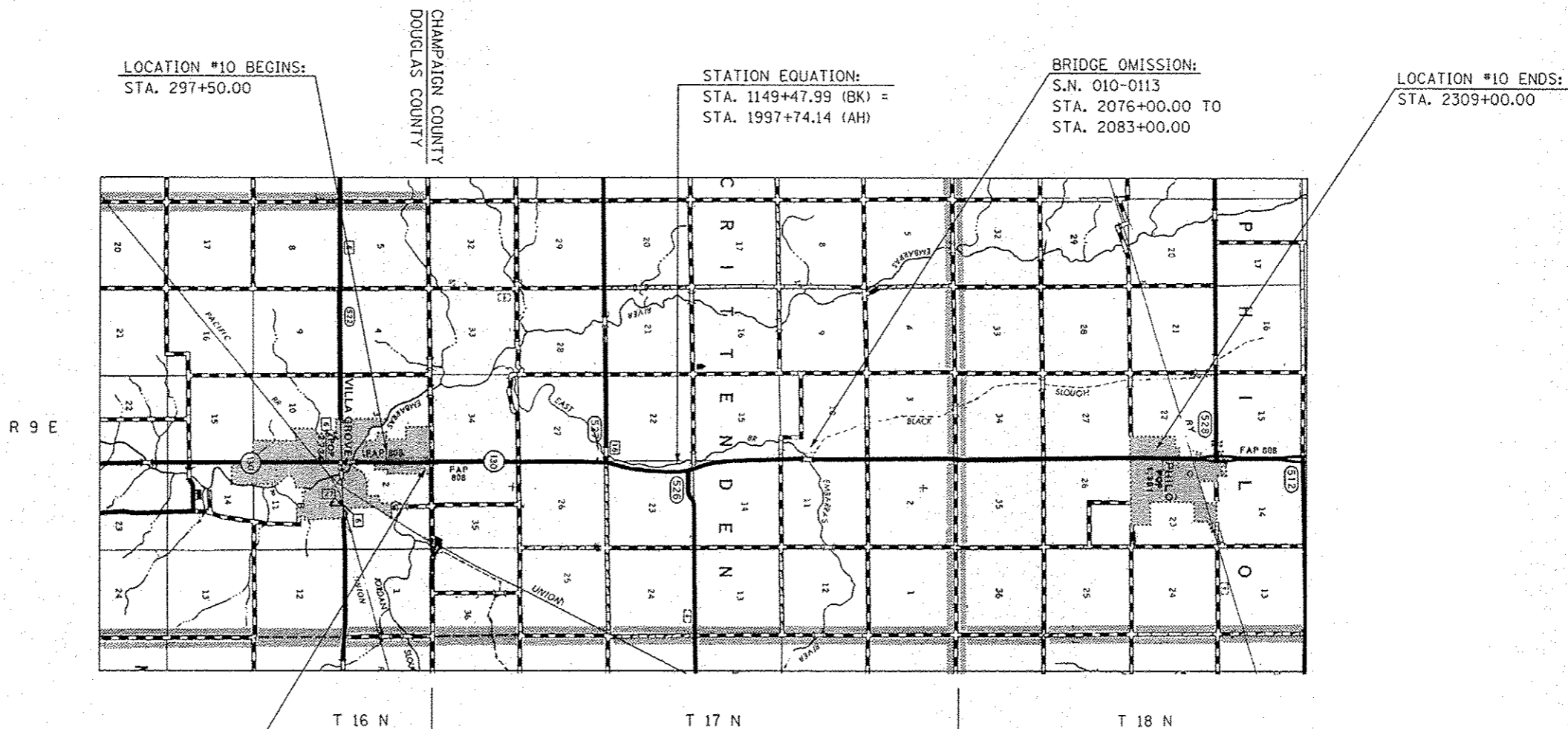
GROSS LENGTH OF LOCATION #8 = 5,796.05 FT = 1.098 MILES
NET LENGTH OF LOCATION #8 = 5,746.05 FT = 1.088 MILES

TOWNSHIP:
 URBANA

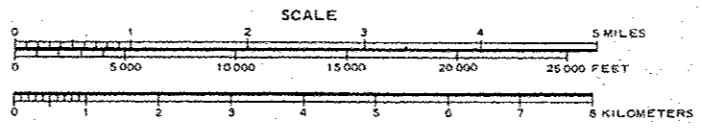
• D5 CRACK & JOINT SEAL 2013-2

FILE NAME	USER NAME : baker	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #8	F.A. RTE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\p\work\pedit\baker\d0327161\0570102\right-location_map.dgn		DRAWN -	REVISED -				*	VARIABLES	36	10
MODELNAME	PLOT SCALE : 40.0000 ' / ' in.	CHECKED -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.
	PLOT DATE : 1/29/2013	DATE -	REVISED -							
CONTRACT NO. 70982										ILLINOIS FED. AID PROJECT

LOCATION MAP #10
F.A.P. ROUTE 808 (IL. 130)
FROM MADISON ST. IN PHILO TO NCL OF VILLA GROVE
CHAMPAIGN & DOUGLAS COUNTY /RURAL 2 LANE



STATION EQUATION:
 STA. 320+90.82 (BK) =
 STA. 1000+00.00 (AH)



GROSS LENGTH OF LOCATION #10 = 48,414.67 FT = 9.169 MILES
NET LENGTH OF LOCATION #10 = 47,714.67 FT = 9.037 MILES

TOWNSHIP:
 CRITTENDEN, PHILO & CAMARGO

* D5 CRACK & JOINT SEAL 2013-2

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #10	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\p\idot\bakerc\032716\0570	bakerc	-	-			VAR.	*	VARIES	36	12
#MODELNAME	PLT SCALE	CHECKED	REVIS		SCALE:	SHEET 1 OF 1 SHEETS		CONTRACT NO.	70982	
	1/28/2013	DATE	REVIS		STA.	TO STA.		ILLINOIS FED. AID PROJECT		

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

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

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

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

NOTE:
THE INTENT OF THIS PROJECT IS TO ROUT & SEAL CENTERLINE LONGITUDINAL JOINT AND TRANSVERSE CRACKS AS DESCRIBED AT EACH LOCATION LISTED BELOW. LONGITUDINAL CRACKS IN THE WHEEL LANES OR BETWEEN THE WHEEL LANES SHALL NOT BE ROUTED AND SEALED UNLESS NOTED AT SPECIFIC LOCATIONS. ANY CHANGES TO THE INTENT OF THE ROUTING AND SEALING OPERATIONS SHALL BE APPROVED IN ADVANCE BY THE ENGINEER

LOCATION#1
LONGITUDINAL JOINT ALONG CENTERLINE SHALL BE ROUTED AND SEALED.
LONGITUDINAL JOINTS ADJACENT TO CENTERLINE SHALL BE ROUTED AND SEALED.
PAVING JOINTS FOR TURN LANES AT INTERSECTION OF IL. 49 AND U.S. 36 SHALL BE ROUTED AND SEALED.
TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.
EDGE OF PAVEMENT JOINTS AT SIDEROADS AND PAVED ENTRANCES SHALL BE ROUTED AND SEALED.

LONGITUDINAL	39,985	FOOT	(ESTIMATED)
TRANSVERSE	14,526	FOOT	(ESTIMATED)
TOTAL	54,511	FOOT	(ESTIMATED)

LOCATION#2
LONGITUDINAL JOINTS ALONG CENTERLINE AND SHOULDER WIDENING SHALL BE ROUTED AND SEALED.
LONGITUDINAL JOINTS ADJACENT TO CENTERLINE SHALL BE ROUTED AND SEALED.
PAVING JOINT BETWEEN EDGE OF PAVEMENT AND PARKING LANES IN HOMER SHALL BE ROUTED AND SEALED.
TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.
EDGE OF PAVEMENT JOINTS AT SIDEROADS AND PAVED ENTRANCES SHALL BE ROUTED AND SEALED.

LONGITUDINAL	51,945	FOOT	(ESTIMATED)
TRANSVERSE	1,864	FOOT	(ESTIMATED)
TOTAL	53,809	FOOT	(ESTIMATED)

LOCATION#3
LONGITUDINAL JOINT ALONG CENTERLINE SHALL BE ROUTED AND SEALED.
LONGITUDINAL JOINTS ADJACENT TO CENTERLINE SHALL BE ROUTED AND SEALED.
PAVING JOINTS FOR TURN LANES AT INTERSECTION OF IL. 9 AND IL. 1 SHALL BE ROUTED AND SEALED.
TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.
EDGE OF PAVEMENT JOINTS AT SIDEROADS AND PAVED ENTRANCES SHALL BE ROUTED AND SEALED.

LONGITUDINAL	131,270	FOOT	(ESTIMATED)
TRANSVERSE	25,399	FOOT	(ESTIMATED)
TOTAL	156,669	FOOT	(ESTIMATED)

LOCATION#4
LONGITUDINAL JOINT ALONG CENTERLINE SHALL BE ROUTED AND SEALED.
LONGITUDINAL JOINTS ADJACENT TO CENTERLINE SHALL BE ROUTED AND SEALED.
TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.
EDGE OF PAVEMENT JOINTS AT SIDEROADS AND PAVED ENTRANCES SHALL BE ROUTED AND SEALED.

LONGITUDINAL	56,929	FOOT	(ESTIMATED)
TRANSVERSE	13,435	FOOT	(ESTIMATED)
TOTAL	70,364	FOOT	(ESTIMATED)

GENERAL NOTES

LOCATION#5
LONGITUDINAL JOINT ALONG CENTERLINE SHALL BE ROUTED AND SEALED.
LONGITUDINAL JOINTS ADJACENT TO CENTERLINE SHALL BE ROUTED AND SEALED.
TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.
EDGE OF PAVEMENT JOINTS AT SIDEROADS AND PAVED ENTRANCES SHALL BE ROUTED AND SEALED.

LONGITUDINAL	63,497	FOOT	(ESTIMATED)
TRANSVERSE	9,349	FOOT	(ESTIMATED)
TOTAL	72,846	FOOT	(ESTIMATED)

LOCATION#6
LONGITUDINAL JOINT ALONG CENTERLINE AND SHOULDERS SHALL BE ROUTED AND SEALED.
LONGITUDINAL JOINTS ADJACENT TO CENTERLINE SHALL BE ROUTED AND SEALED.
LONGITUDINAL CENTERLINE JOINT ON RAMP TO U.S. 45 AT TUSCOLA SHALL BE ROUTED AND SEALED.
TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.
EDGE OF PAVEMENT JOINTS AT SIDEROADS AND PAVED ENTRANCES SHALL BE ROUTED AND SEALED.

LONGITUDINAL	89,487	FOOT	(ESTIMATED)
TRANSVERSE	5,528	FOOT	(ESTIMATED)
TOTAL	95,015	FOOT	(ESTIMATED)

LOCATION#7
LONGITUDINAL JOINT ALONG CENTERLINE AND EDGE OF BUGGY LANE SHALL BE ROUTED AND SEALED.
LONGITUDINAL JOINTS ADJACENT TO CENTERLINE SHALL BE ROUTED AND SEALED.
TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.
EDGE OF PAVEMENT JOINTS AT SIDEROADS AND PAVED ENTRANCES SHALL BE ROUTED AND SEALED.

LONGITUDINAL	84,170	FOOT	(ESTIMATED)
TRANSVERSE	8,841	FOOT	(ESTIMATED)
TOTAL	93,011	FOOT	(ESTIMATED)

LOCATION#8
LONGITUDINAL PAVING JOINTS AT ALL LOCATIONS SHALL BE ROUTED AND SEALED.
LONGITUDINAL PAVING JOINTS AT TURNS LANES SHALL BE ROUTED AND SEALED.
MISCELLANEOUS LONGITUDINAL JOINTS SHALL NOT BE ROUTED AND SEALED.
TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.
EDGE OF PAVEMENT JOINTS AT SIDEROADS AND PAVED ENTRANCES SHALL BE ROUTED AND SEALED.

LONGITUDINAL	25,579	FOOT	(ESTIMATED)
TRANSVERSE	5,101	FOOT	(ESTIMATED)
TOTAL	30,680	FOOT	(ESTIMATED)

LOCATION#9
LONGITUDINAL PAVING JOINTS AT ALL LOCATIONS SHALL BE ROUTED AND SEALED.
MISCELLANEOUS LONGITUDINAL JOINTS SHALL NOT BE ROUTED AND SEALED.
TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.
EDGE OF PAVEMENT JOINTS AT SIDEROADS AND PAVED ENTRANCES SHALL BE ROUTED AND SEALED.

LONGITUDINAL	15,439	FOOT	(ESTIMATED)
TRANSVERSE	4,614	FOOT	(ESTIMATED)
TOTAL	20,053	FOOT	(ESTIMATED)

LOCATION#10
LONGITUDINAL JOINT ALONG CENTERLINE SHALL BE ROUTED AND SEALED.
LONGITUDINAL JOINTS ADJACENT TO CENTERLINE SHALL BE ROUTED AND SEALED.
TRANSVERSE CRACKS GREATER THAN OR EQUAL TO 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.
EDGE OF PAVEMENT JOINTS AT SIDEROADS AND PAVED ENTRANCES SHALL BE ROUTED AND SEALED.

LONGITUDINAL	65,044	FOOT	(ESTIMATED)
TRANSVERSE	7,020	FOOT	(ESTIMATED)
TOTAL	72,064	FOOT	(ESTIMATED)

COMMITMENTS:
THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

• D5 CRACK & JOINT SEAL 2013-2

FILE NAME: c:\pwork\midat\baker\10027161\0570102-sht-genote.dgn	USER NAME: baker	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				GENERAL NOTES				F.A. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
MODEL NAME:	PLOT SCALE: 40.0000 1/2 in.	DRAWN: -	REVISED: -									SCALE:	SHEET 1	OF 1	SHEETS	STA. TO STA.
	PLOT DATE: 1/28/2013	CHECKED: -	REVISED: -									CONTRACT NO. 70982				
ILLINOIS FED. AID PROJECT																

SUMMARY OF QUANTITIES

LOCATION OF WORK:

LOCATION #1 FAP
 LOCATION #2 FAP
 LOCATION #3 FAP
 LOCATION #4 FAP
 LOCATION #5 FAP
 LOCATION #6 FAP
 LOCATION #7 FAP
 LOCATION #10 FAP

LOCATION #3 FAP
 LOCATION #8 FAP
 LOCATION #9 FAP

COUNTY:

VARIOUS
 RURAL
 ROUT & SEAL

VARIOUS
 URBAN
 ROUT & SEAL

FUNDING BREAKOUT:

100% STATE

100% STATE

CONSTRUCTION TYPE CODE:

0005

0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
45100100	CRACK ROUTING (PAVEMENT)	FOOT	719022.0	641769.0	77253.0
45100200	CRACK FILLING	POUND	287609.0	256708.0	30901.0
67100100	MOBILIZATION	L SUM	1.0	0.8	0.2
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	1.0	0.0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	0.9	0.1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1.0	0.0	1.0
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0	0.0	1.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	24941.0	24141.00	800.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	12.0	0.0	12.0

* SPECIALITY ITEMS

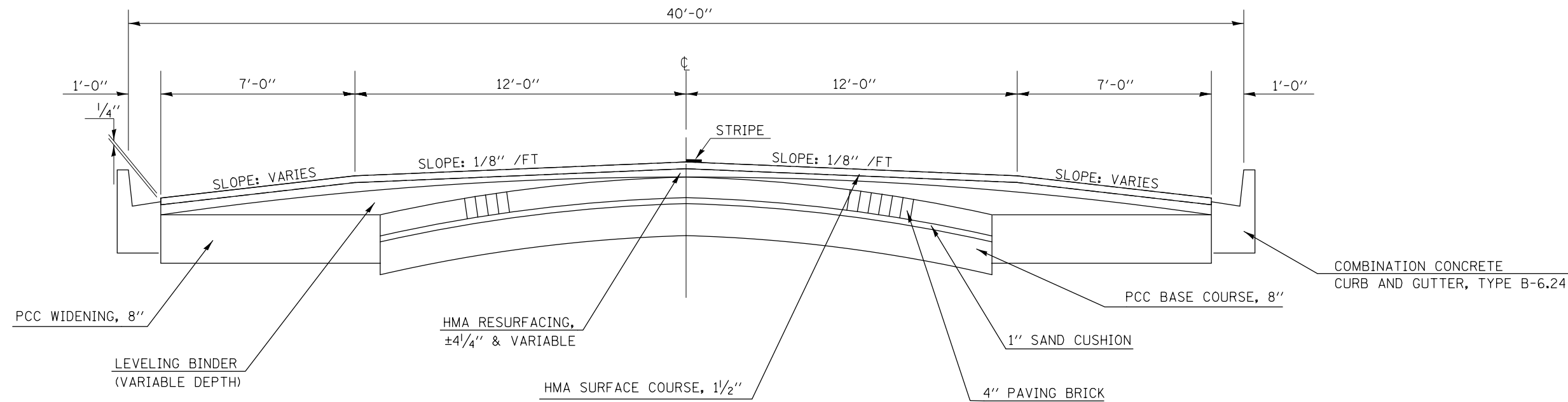
* D5 CRACK & JOINT SEAL 2013-2

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\puidot\baker\98327161\0570102\shc500.dgn		DRAWN :	REVISED :						VAR.	*	VARIABLES	36	14	
#MODELNAME#	PLOT SCALE :	CHECKED :	REVISED :		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	CONTRACT NO. 70982			
	PLOT DATE :	DATE :	REVISED :		ILLINOIS FED. AID PROJECT									

①

EXISTING TYPICAL CROSS SECTION / LOCATION #2

STATION	TO	STATION	
911+43.00		933+37.00	②
⑤ 947+08.00		956+24.40	⑥

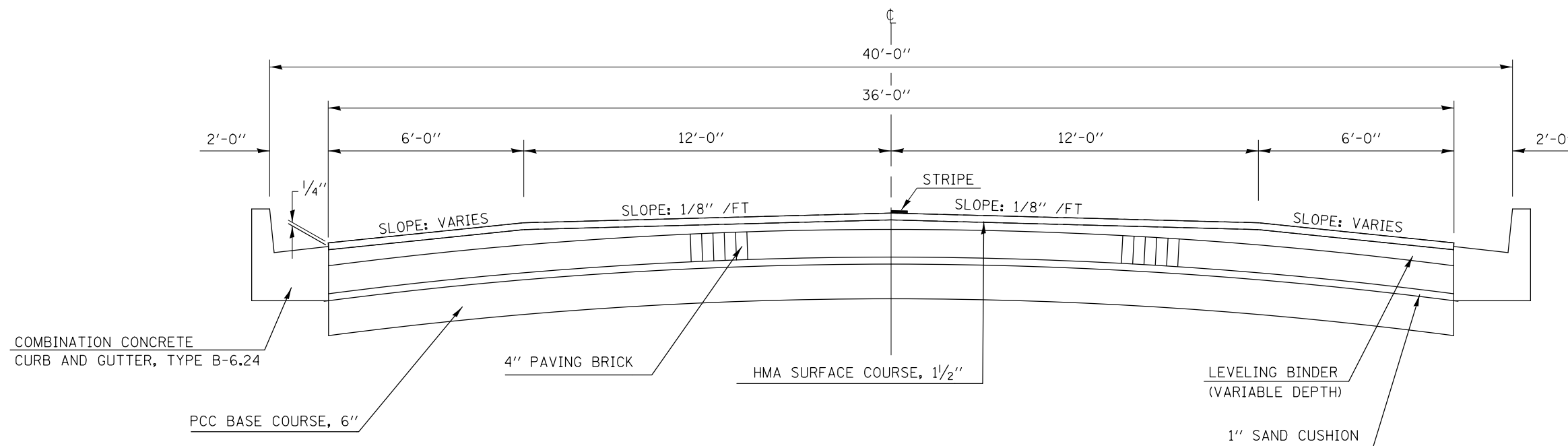


②

EXISTING TYPICAL CROSS SECTION / LOCATION #2

STATION	TO	STATION	
① 933+37.00		938+59.00	③

RAILROAD OMISSION:
STA. 936+98.40 TO STA. 939+92.00

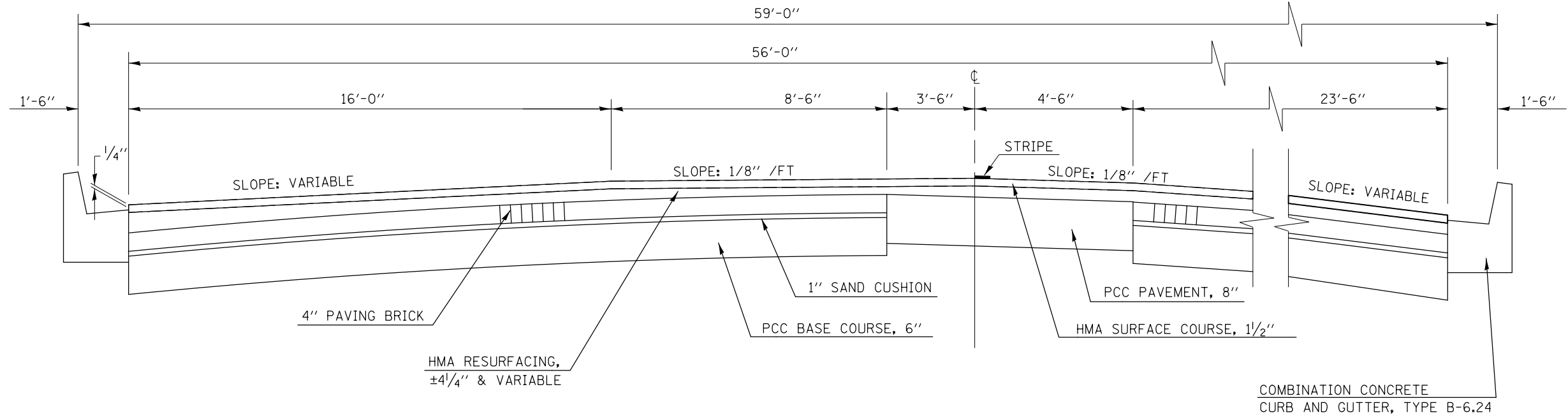


* D5 CRACK & JOINT SEAL 2013-2

FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION LOCATION #2			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\idot\bakercr\d0327161\057082-sh-t\typical.dgn		DRAWN -	REVISED -		SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.	VARIES	36	16
		CHECKED -	REVISED -		CONTRACT NO. 70982								
*MODELNAME#	PLOT DATE = 1/28/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

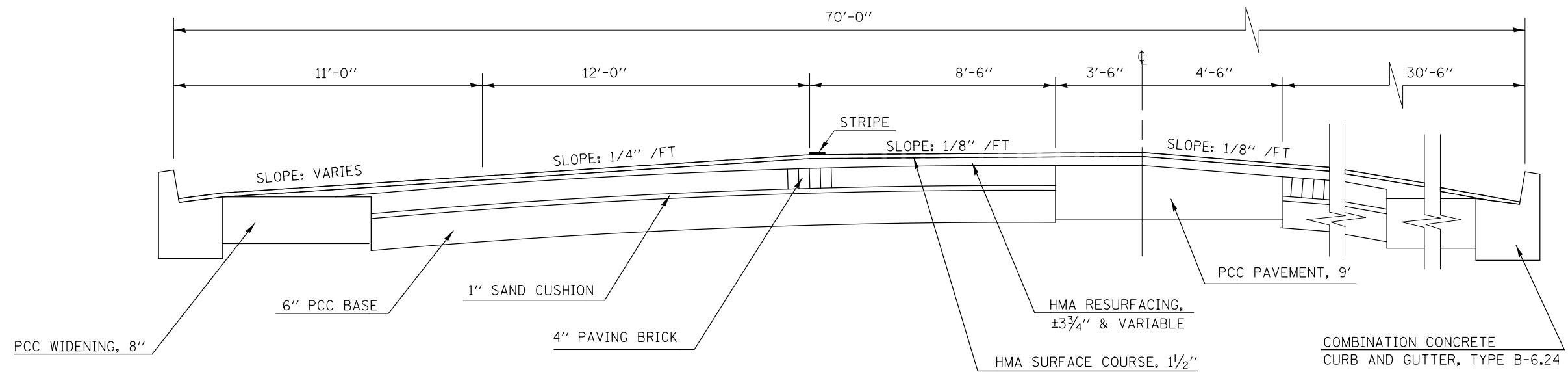
③ **EXISTING TYPICAL CROSS SECTION / LOCATION #2**

STATION TO STATION
938+59.00 939+76.00 ④



④ **EXISTING TYPICAL CROSS SECTION / LOCATION #2**

STATION TO STATION
③ 939+76.00 943+62.00 ⑤



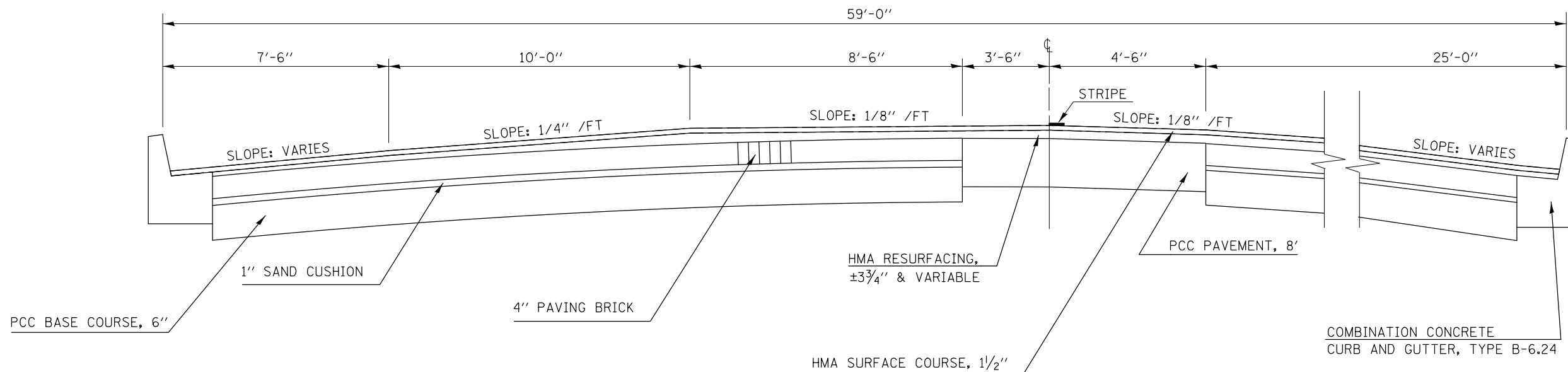
* D5 CRACK & JOINT SEAL 2013-2

FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION LOCATION #2			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\idot\bakercr\d0327161\057082-sh1-typcal.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					VAR.	*	VARIES	36	17
*MODELNAME#	PLOT DATE = 1/28/2013	CHECKED -	REVISED -		SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.			CONTRACT NO. 70982				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

⑤

EXISTING TYPICAL CROSS SECTION / LOCATION #2

STATION TO STATION
④ 943+62.00 947+08.00 ①



⑥

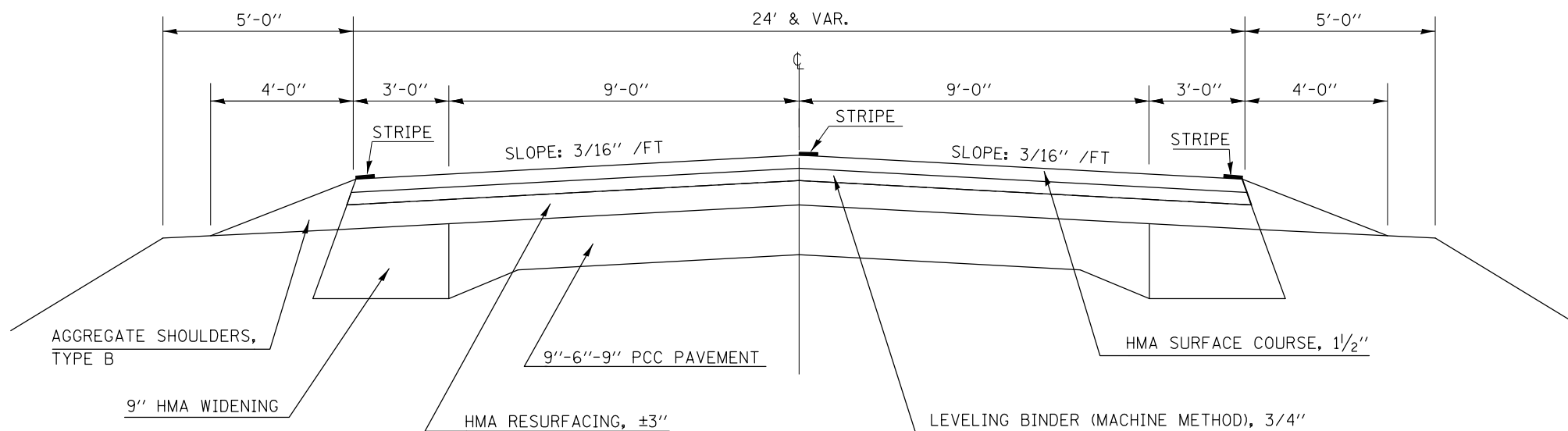
EXISTING TYPICAL CROSS SECTION / LOCATION #2

STATION TO STATION
① 956+24.40 1215+12.00

STATION EQUATION:
STA. 1091+94.50 (BK) =
STA. 1092+00.00 (AH)

STRUCTURE OMISSIONS:
S.N. 010-0280
STA. 1012+80.00 TO STA. 1017+62.00

S.N. 010-8101
STA. 1133+65.00 TO STA. 1133+93.00



* D5 CRACK & JOINT SEAL 2013-2

FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED -
et:\pwork\pwork\bakercr\d0327161\057082-sh1-typical.dgn		DRAWN -	REVISED -
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 1/28/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL CROSS SECTION
LOCATION #2**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIES	36	18
				CONTRACT NO. 70982
ILLINOIS FED. AID PROJECT				

STRUCTURE OMISSIONS:

S.N. 092-0043
STA. 624+65.50 TO STA. 625+42.50

S.N. 092-0045
STA. 714+58.50 TO STA. 715+61.50

S.N. 092-0046
STA. 804+07.50 TO STA. 804+72.50

S.N. 092-2022
STA. 879+11.50 TO STA. 879+93.50

S.N. 092-0192
STA. 1096+21.50 TO STA. 1097+45.50

OVERHEAD RAILROAD OMISSION:
STA. 690+74.35 TO STA. 692+46.92

RESURFACING OMISSION:
STA. 520+67.00 TO STA. 524+14.00

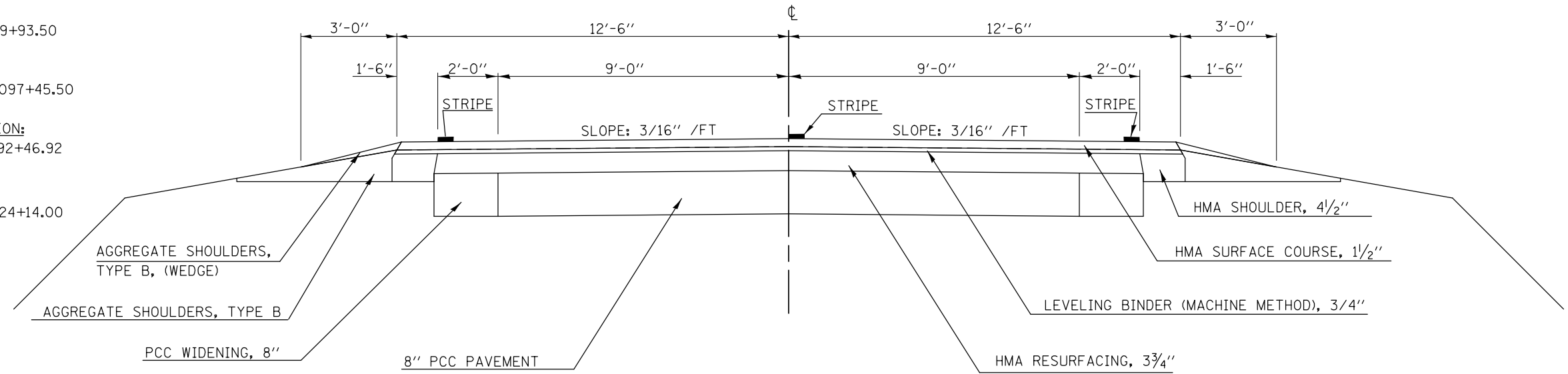
① EXISTING TYPICAL CROSS SECTION / LOCATION #3

STATION	TO	STATION
417+78.00		1097+45.50 ②
③ 1115+50.00		1124+45.00 ④
④ 1189+40.50		1207+00.00

STATION EQUATION:
656+84.40 (BK) =
657+00.00 (AH)

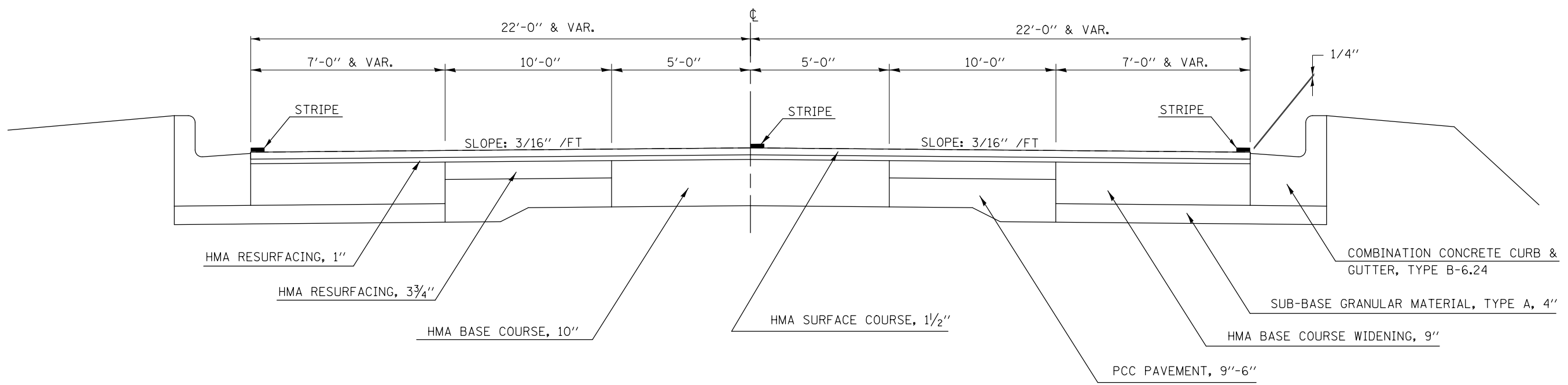
738+87.00 (BK) =
738+90.00 (AH)

907+08.75 (BK) =
907+52.38 (AH)



② EXISTING TYPICAL CROSS SECTION / LOCATION #3

STATION	TO	STATION
① 1097+45.50		1108+64.00 ③

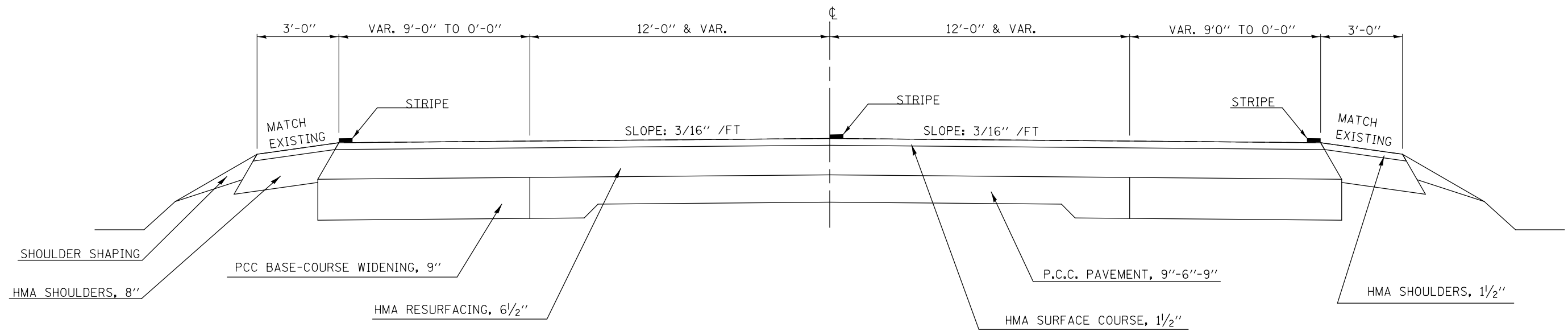


* D5 CRACK & JOINT SEAL 2013-2

FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION LOCATION #3			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pw\work\p\dot\bakercr\d0327161\057082-sh-t-typcal.dgn		DRAWN -	REVISED -		SCALE:	SHEET 1	OF 2 SHEETS	STA.	TO STA.	VARIES	36	19
		CHECKED -	REVISED -		CONTRACT NO. 70982							
*MODELNAME#	PLOT DATE = 1/28/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

③ **EXISTING TYPICAL CROSS SECTION / LOCATION #3**

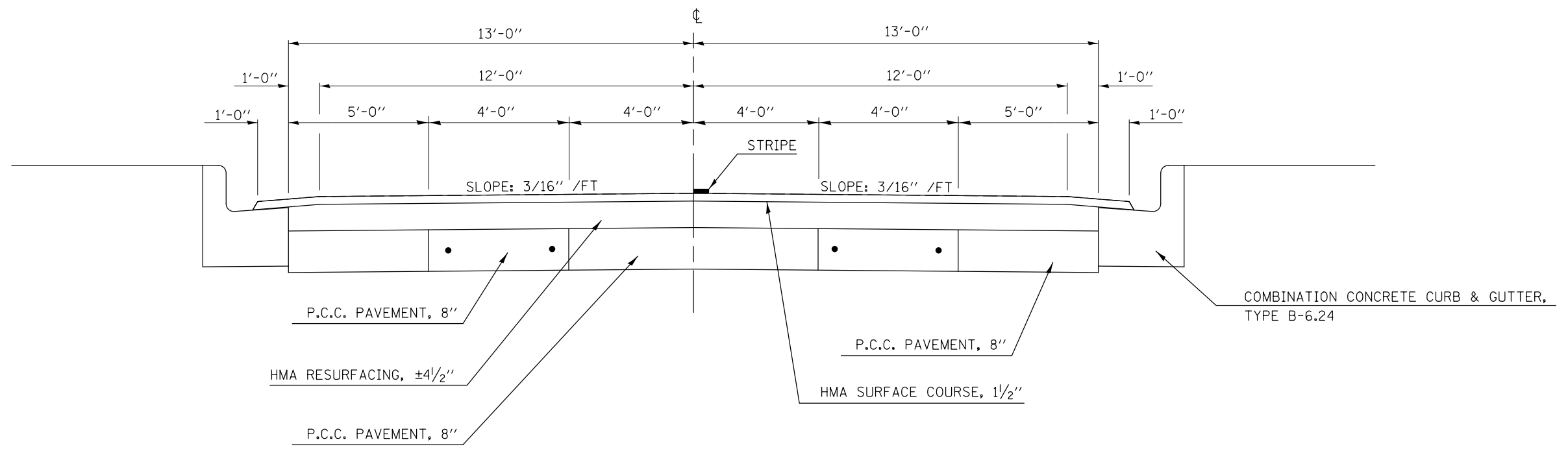
STATION TO STATION
 ② 1108+64.00 1115+50.00 ①



④ **EXISTING TYPICAL CROSS SECTION / LOCATION #3**

RAILROAD OMISSION:
 STA. 1152+10.30 TO STA. 1153+10.30

STATION TO STATION
 ① 1124+45.00 1189+40.50 ①



* D5 CRACK & JOINT SEAL 2013-2

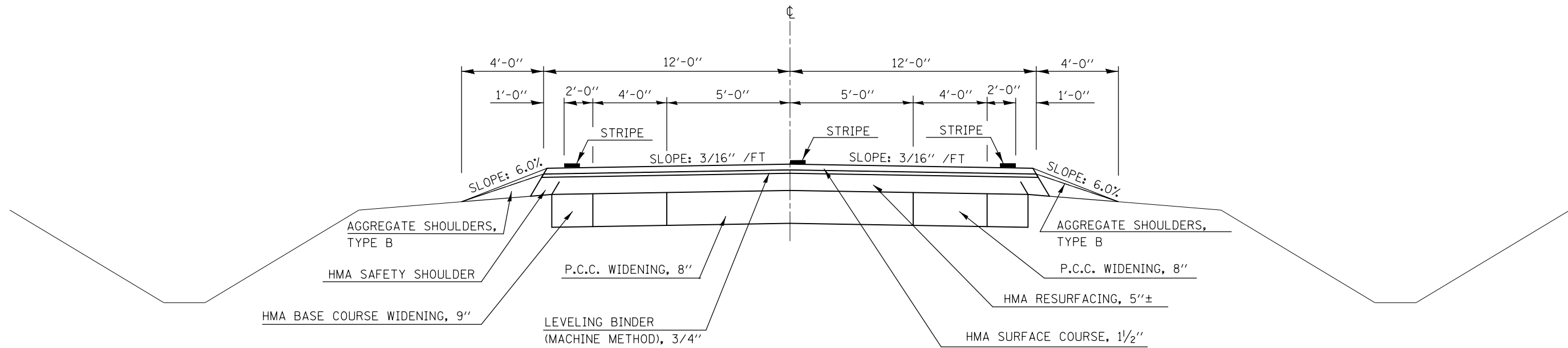
FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION LOCATION #3			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\bakercr\d0327161\057082-sh-t-typcal.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					VAR.	*	VARIES	36	20
*MODELNAME#	PLOT DATE = 1/28/2013	CHECKED -	REVISED -		SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.			CONTRACT NO. 70982				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

RAILROAD OMISSION:
 STA. 1372+05.00 TO STA. 1373+05.00

① **EXISTING TYPICAL CROSS SECTION / LOCATION #4**

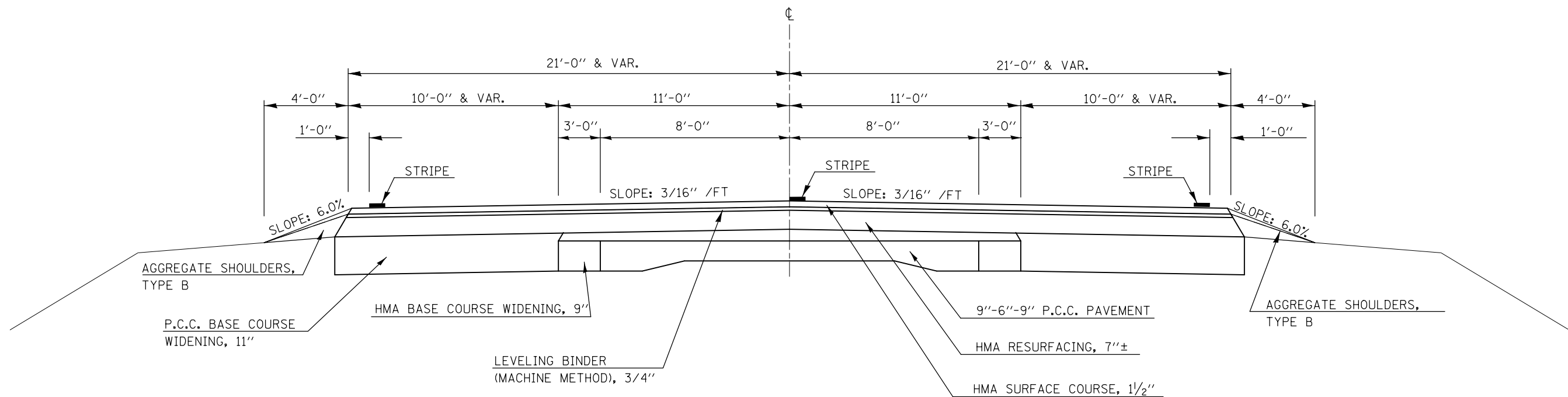
STATION	TO	STATION
1207+00.00		1386+05.10 ②
② 1397+75.30		1552+29.35

STATION EQUATION:
 STA. 1359+99.91 (BK) =
 STA. 1359+99.69 (AH)



② **EXISTING TYPICAL CROSS SECTION / LOCATION #4**

STATION	TO	STATION
① 1386+05.10		1397+75.30 ①

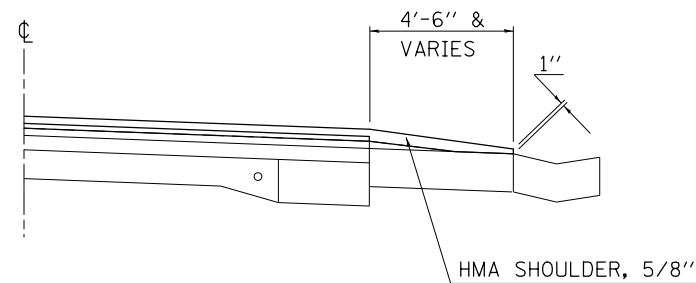


* D5 CRACK & JOINT SEAL 2013-2

FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION LOCATION #4			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\bakercr\d0327161\057082-sh1-typical.dgn		DRAWN -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	VARIES	36	21
		CHECKED -	REVISED -								CONTRACT NO. 70982		
#MODELNAME#	PLOT DATE = 1/28/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

DETAIL

LT. STA. 716+00.00 TO LT. STA. 723+30.00
 RT. STA. 716+85.00 TO RT. STA. 719+50.00
 LT. STA. 740+40.00 TO LT. STA. 752+20.00
 RT. STA. 740+80.00 TO RT. STA. 754+16.00

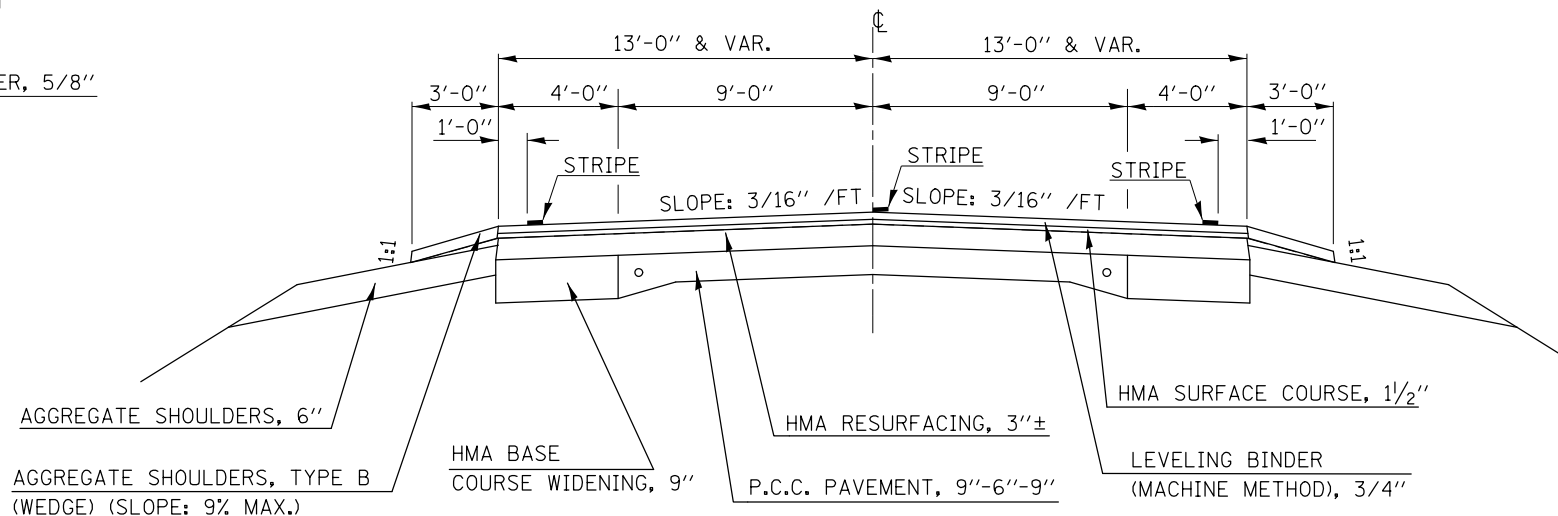


STATION EQUATION:
 STA. 816+08.60 (BK) =
 STA. 813+97.10 (AH) =
 STA. 116+08.60 BISMARCK RD.

①

EXISTING TYPICAL CROSS SECTION / LOCATION #5

STATION	TO	STATION
626+00.00		754+16.00 ③
③ 776+27.00		816+08.60 (BK)
813A+97.10 (AH)		814A+11.10 ④
④ 820+50.00		1000+39.00 ⑤
⑤ 1014+94.00		1024+57.00 ⑤
116+08.60		121+64.00
(Bismarck Rd.)		(Bismarck Rd.)



STRUCTURE OMISSIONS:
 S.N. 092-8033
 STA. 627+14.00 TO STA. 627+52.00

 S.N. 092-0065
 STA. 729+89.30 TO STA. 732+02.55

 S.N. 092-8036
 STA. 889+17.00 TO STA. 889+57.00

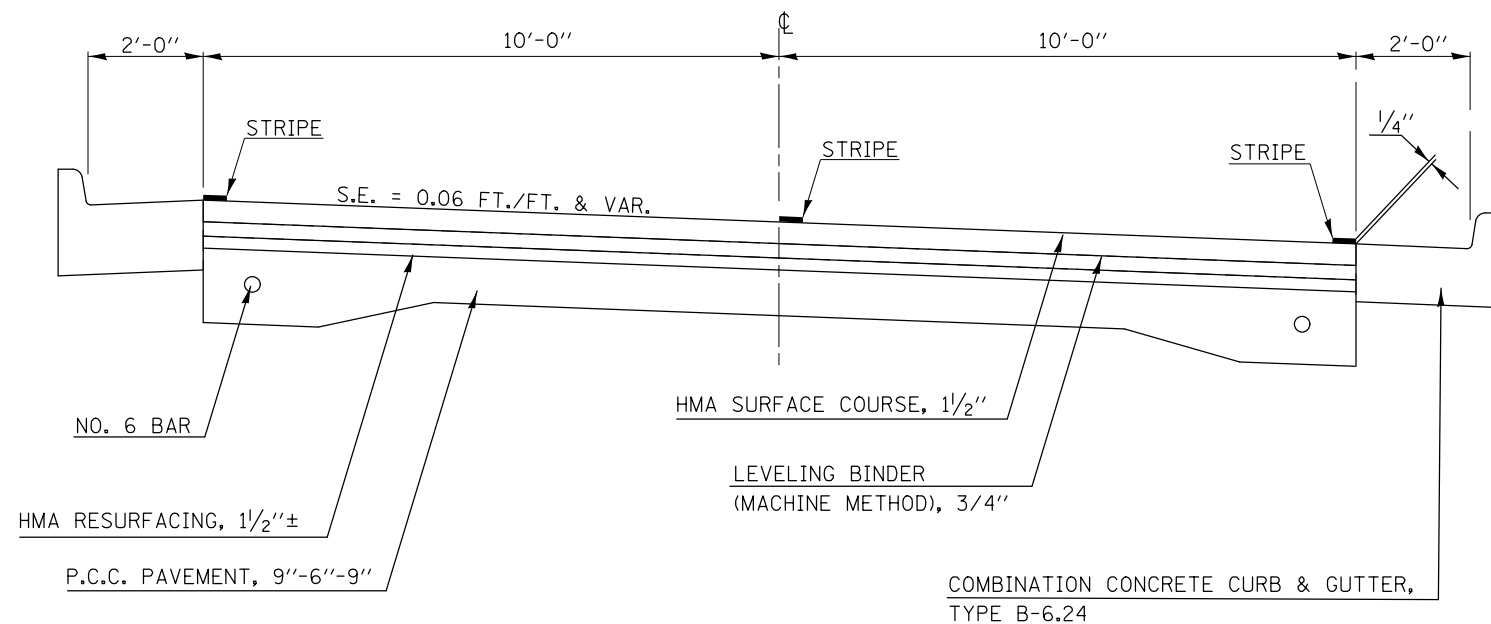
RAILROAD OMISSION:
 STA. 868+73.00 TO STA. 869+73.00

OVERHEAD RAILROAD OMISSION:
 STA. 761+91.20 TO STA. 763+33.70

②

EXISTING TYPICAL CROSS SECTION / LOCATION #5

STATION	TO	STATION
③ 760+00.00		767+60.00 ③



* D5 CRACK & JOINT SEAL 2013-2

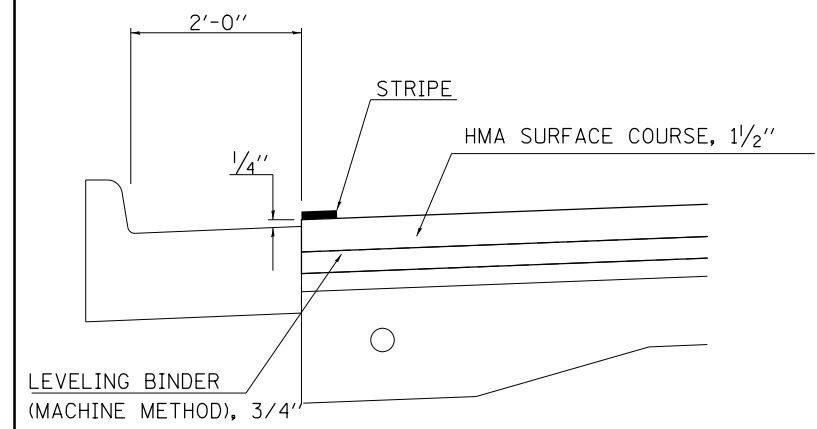
FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION LOCATION #5			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\dot\bakercr\d0327161\057082-sh-t-typcal.dgn		DRAWN -	REVISED -		SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.	VARIES	36	22
		CHECKED -	REVISED -		CONTRACT NO. 70982								
#MODELNAME#	PLOT DATE = 1/28/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

③

EXISTING TYPICAL CROSS SECTION / LOCATION #5

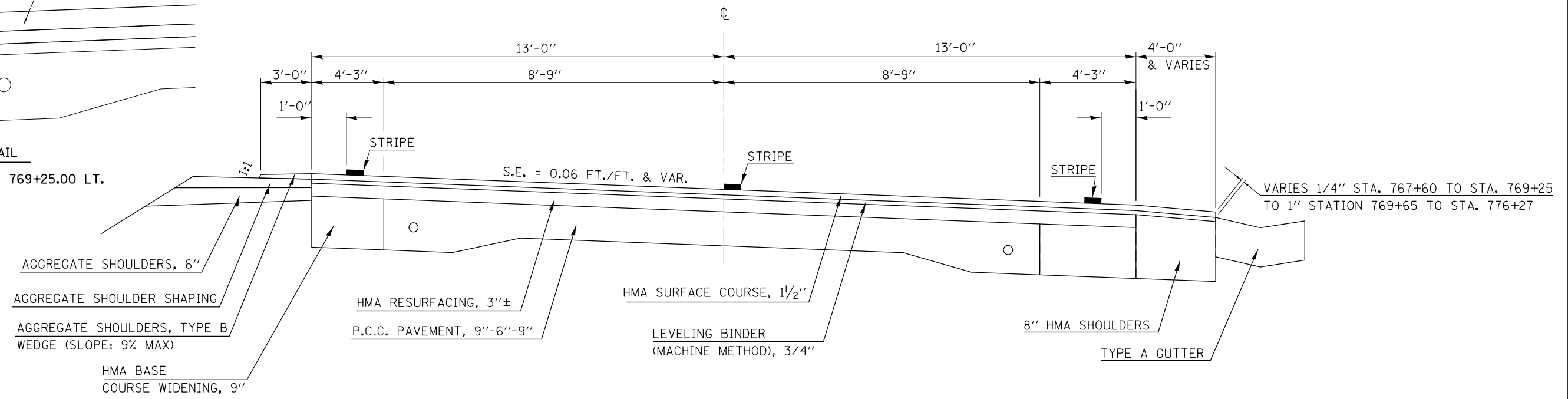
	STATION	TO	STATION	
①	754+16.00		760+00.00	②
②	767+60.00		776+27.00	①

STATION EQUATION:
 STA. 771+70.00 (BK) =
 STA. 771(A)+70.00 =
 STA. 774+73.80 (AH)



DETAIL

STA. 767+60.00 LT. TO STA. 769+25.00 LT.

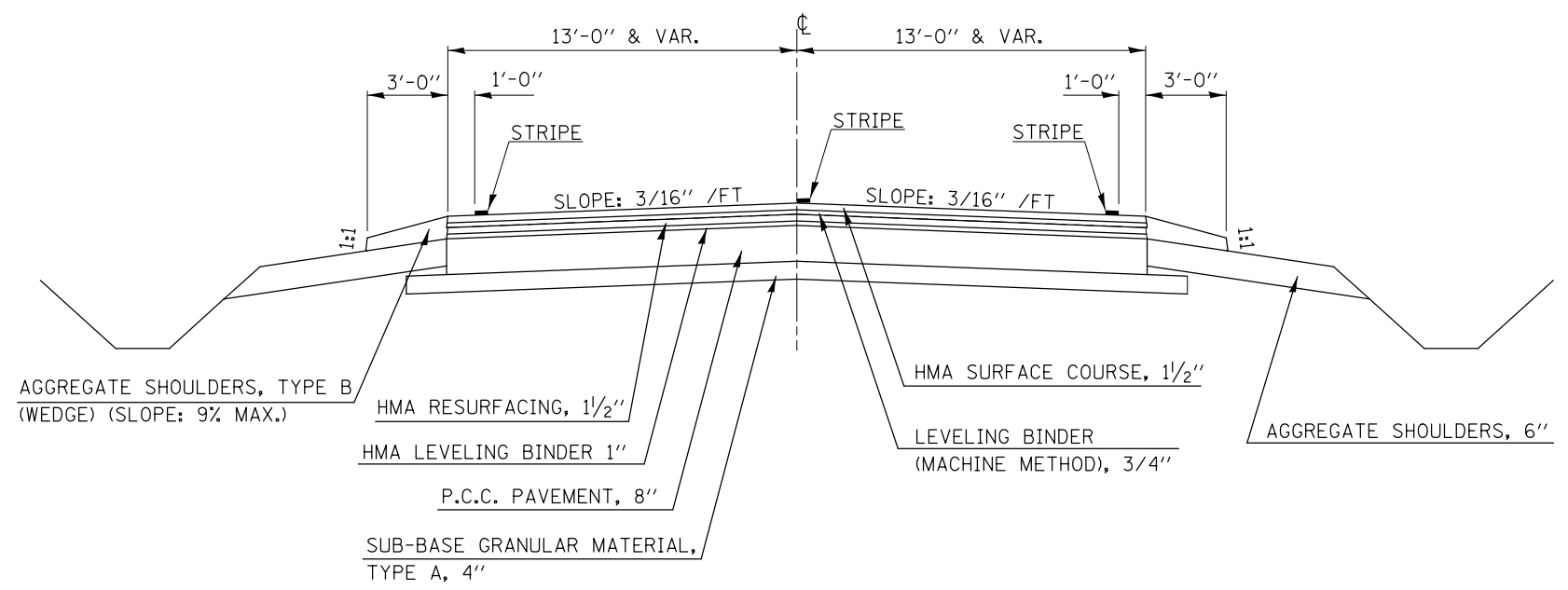


④

EXISTING TYPICAL CROSS SECTION / LOCATION #5

	STATION	TO	STATION	
①	814A+11.10		818A+97.10	①
	818+97.10		820+50.00	

STATION EQUATION:
 STA. 818A+97.10 (BK) =
 STA. 818+97.10 (AH)



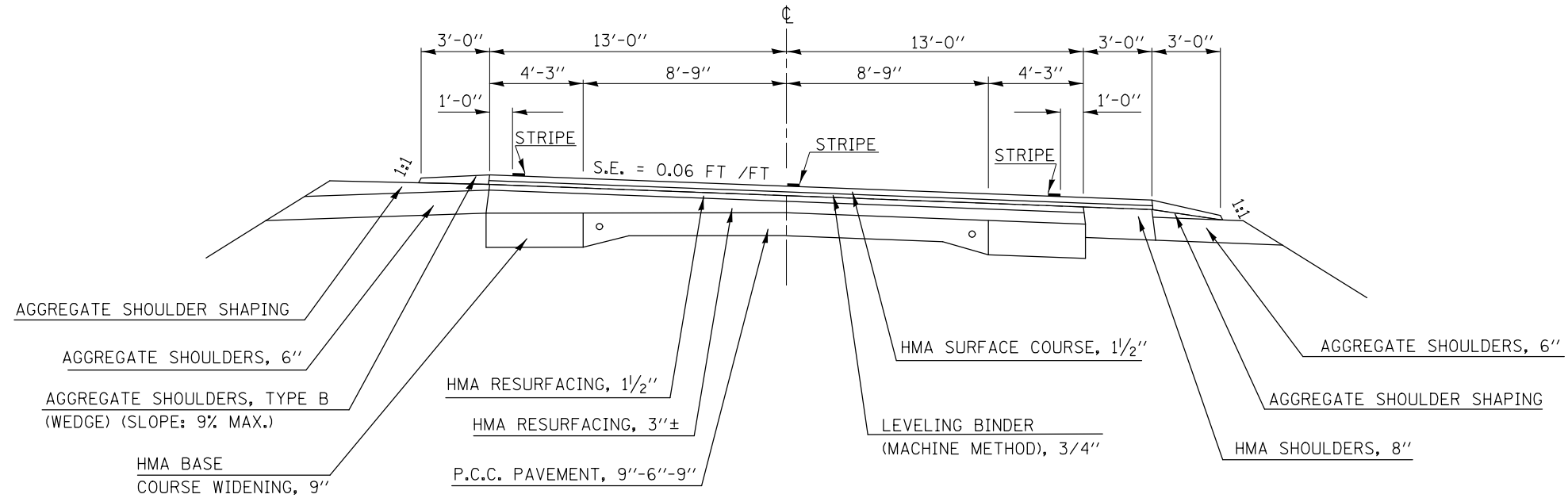
* D5 CRACK & JOINT SEAL 2013-2

FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION LOCATION #5			F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\id\dot\bakercr\d0327161\057082-sh-t-typcal.dgn		DRAWN -	REVISED -		SCALE:	SHEET 2 OF 3 SHEETS	STA.	TO STA.	VAR.	*	VARIES	36	23
		CHECKED -	REVISED -		CONTRACT NO. 70982								
#MODELNAME#	PLOT DATE = 1/28/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

⑤

EXISTING TYPICAL CROSS SECTION / LOCATION #5

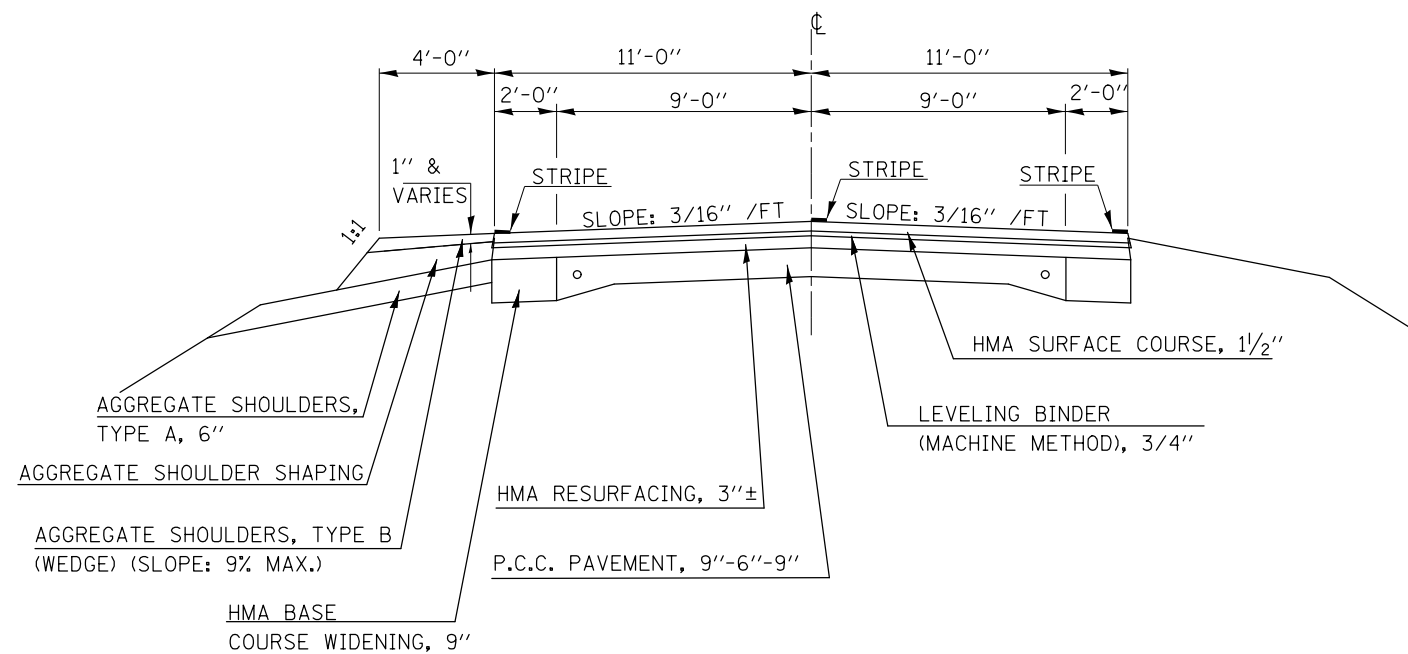
STATION TO STATION
 ① 1000+39.00 1014+94.00 ①
 ① 1024+57.00 1030+77.00



⑥

EXISTING TYPICAL CROSS SECTION / LOCATION #5

STATION TO STATION
 765A+20.00 771A+70.00



* D5 CRACK & JOINT SEAL 2013-2

FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION LOCATION #5			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\bakercr\d0327161\057082-sh1-typcal.dgn		DRAWN -	REVISED -		SCALE:	SHEET 3	OF 3	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	36	24
		CHECKED -	REVISED -		CONTRACT NO. 70982								
*MODELNAME#	PLOT DATE = 1/28/2013	DATE -	REVISED -										

STATION EQUATION:
 STA. 756+84.00 (BK) =
 STA. 0+00.00 (AH)

STA. 18+37.66 (BK) =
 STA. 18+78.66 (AH)

STA. 315+83.74 (BK) =
 STA. 316+00.00 (AH)

STA. 482+06.78 (BK) =
 STA. 482+17.54 (AH)

STA. 492+13.60 (BK) =
 STA. 103+00.00 (AH)

① **EXISTING TYPICAL CROSS SECTION / LOCATION #6**

STATION TO STATION
 759+39.00 471+49.00 ②
 ② 473+72.60 116+88.50

STRUCTURE OMISSIONS:
 S.N. 021-0051
 STA. 28+82.00 TO STA. 30+65.00

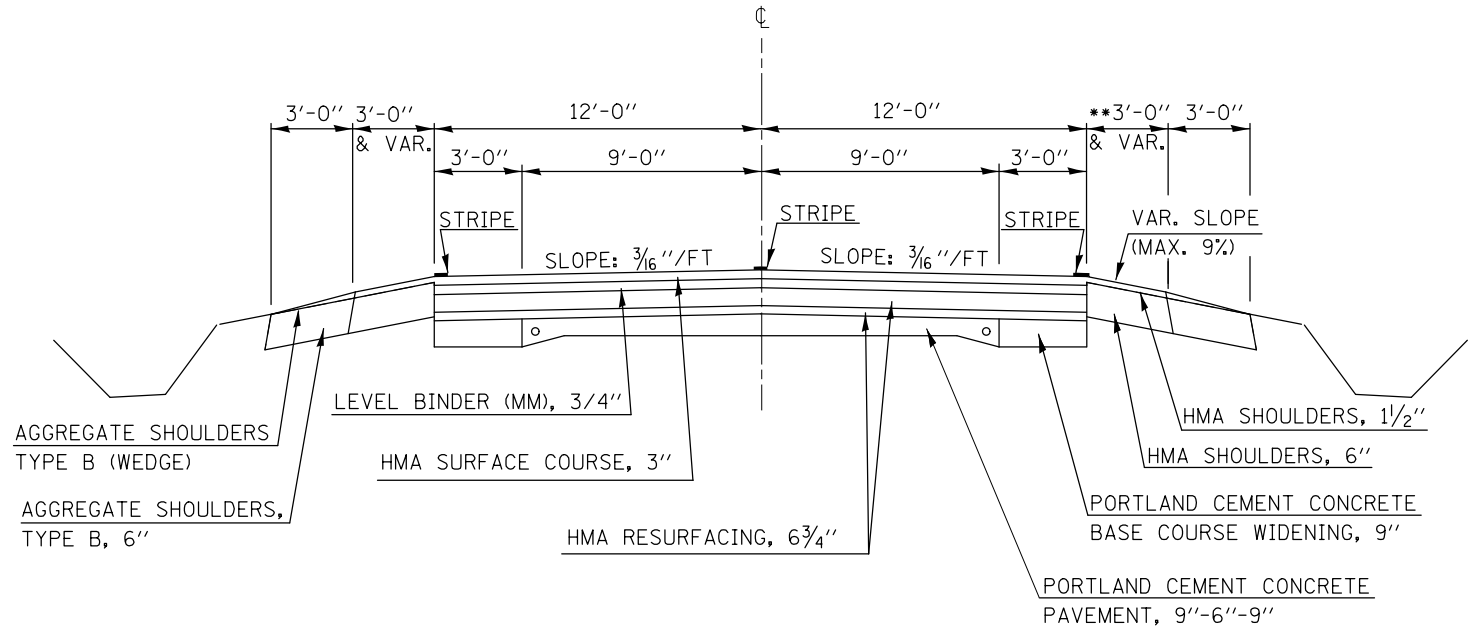
S.N. 021-0017
 STA. 156+42.50 TO STA. 157+15.00

S.N. 021-0018
 STA. 294+41.00 TO STA. 296+75.00

S.N. 021-0012
 STA. 461+52.00 TO STA. 461+71.50

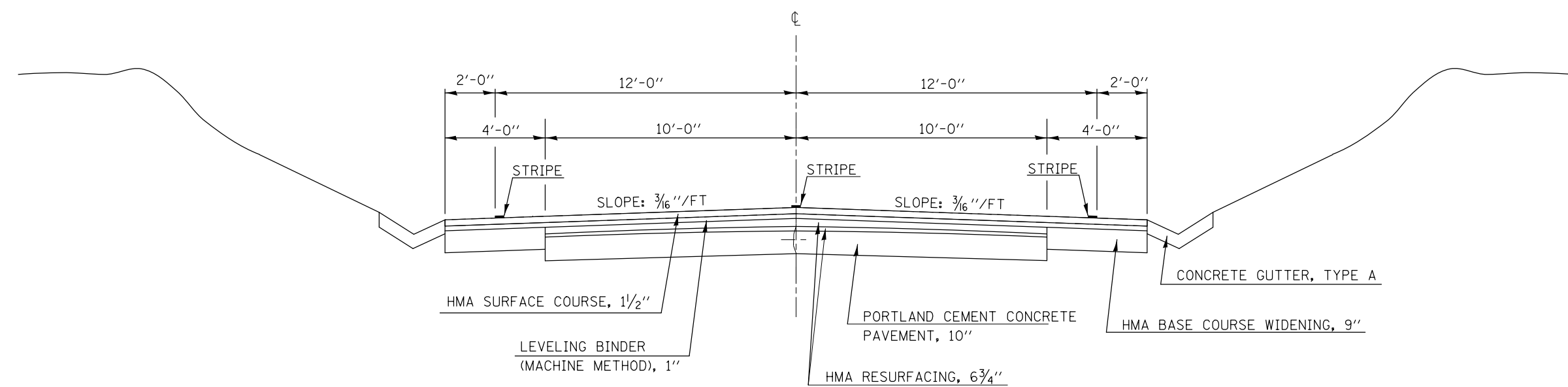
OVERHEAD RAILROAD OMISSION:
 STA. 475+38.00 TO STA. 476+38.00

** FROM STA. 9+88.90 TO STA. 35+84
 HMA SHOULDER WIDENS TO 8'-0"
 FOR BUGGY LANES.



② **EXISTING TYPICAL CROSS SECTION / LOCATION #6**

STATION TO STATION
 ① 471+49.00 473+72.60 ①

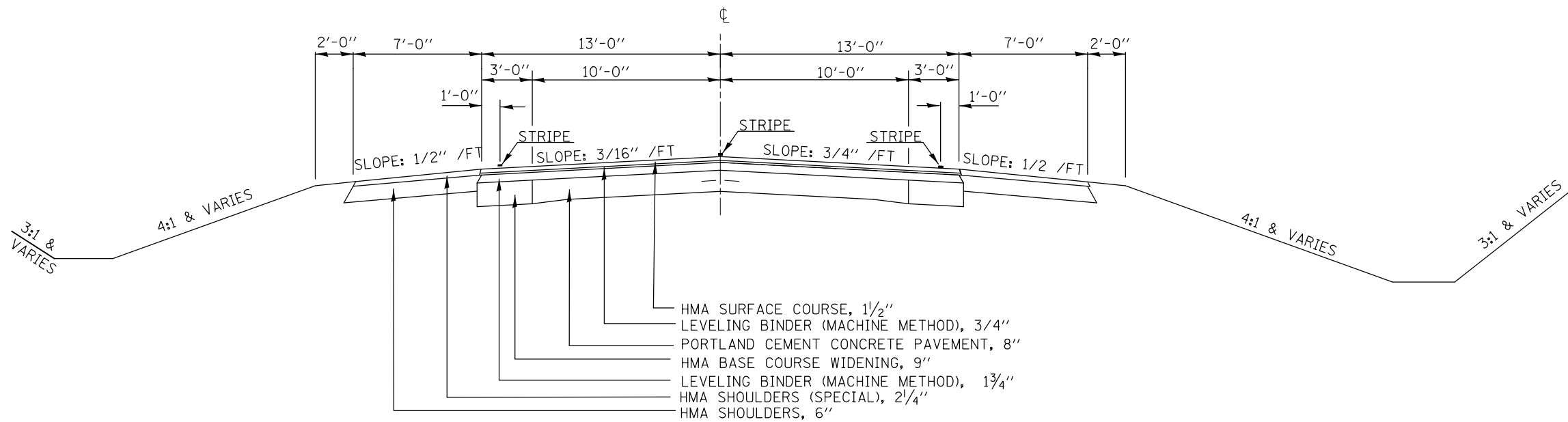


* D5 CRACK & JOINT SEAL 2013-2

FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION LOCATION #6			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pw\work\p\idot\bakercr\d0327161\057082-sh-t-typcal.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					VAR.	*		36	25
*MODELNAME#	PLOT DATE = 1/28/2013	CHECKED -	REVISED -		SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 70982				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

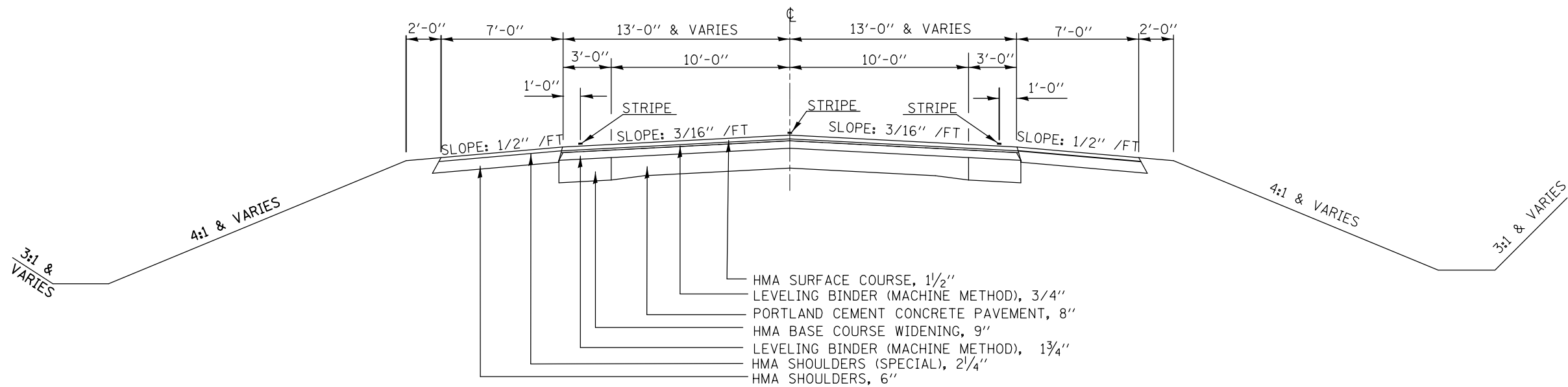
① **EXISTING TYPICAL CROSS SECTION / LOCATION #7**

STATION TO STATION
100+54.00 159+31.00 ②



② **EXISTING TYPICAL CROSS SECTION / LOCATION #7**

STATION TO STATION
① 159+31.00 349+91.50

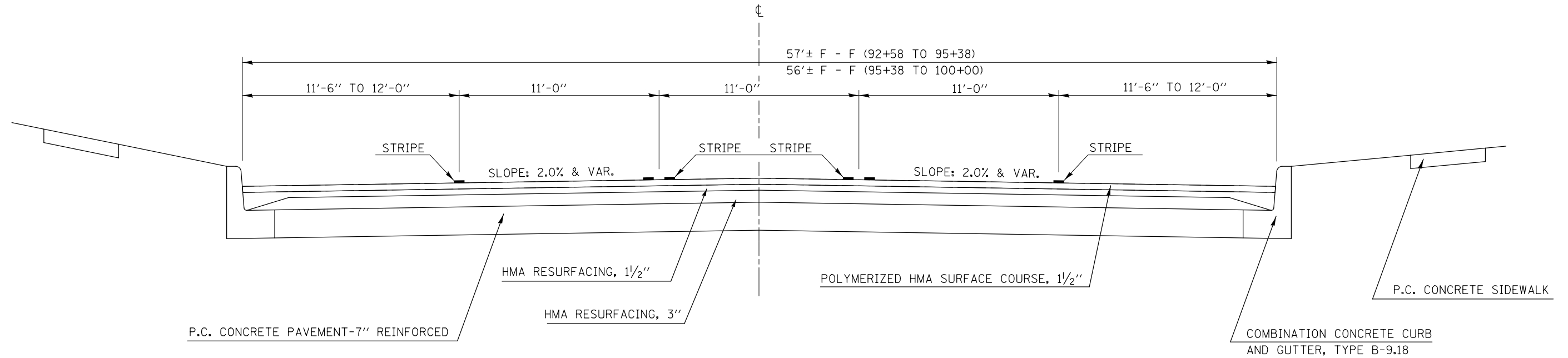


* D5 CRACK & JOINT SEAL 2013-2

FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION LOCATION #7			F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
ei:\pwork\pwork\dot\bakercr\d0327161\057082-sh-t-typcal.dgn		DRAWN -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	VAR.	*	36	26
		CHECKED -	REVISED -		CONTRACT NO. 70982									
#MODELNAME#	PLOT DATE = 1/28/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

① **EXISTING TYPICAL CROSS SECTION / LOCATION #8**

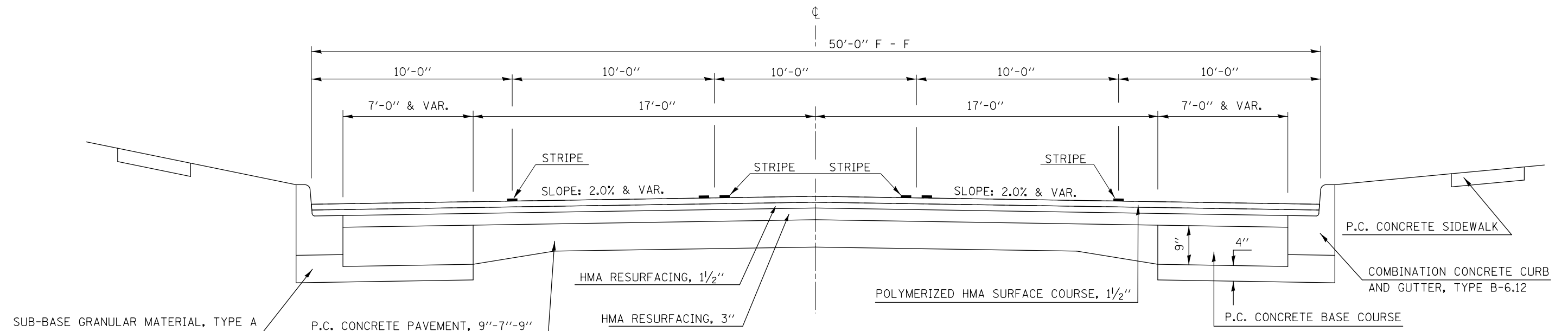
STATION TO STATION
94+56.00 100+00.00 ②



② **EXISTING TYPICAL CROSS SECTION / LOCATION #8**

STATION TO STATION
 ① 100+00.00 ③ 101+35.00
 ③ 112+28.00 ④ 130+41.00
 ④ 138+62.00 ④ 150+50.00

RAILROAD OMISSION:
STA. 121+61.37 TO STA. 122+11.37



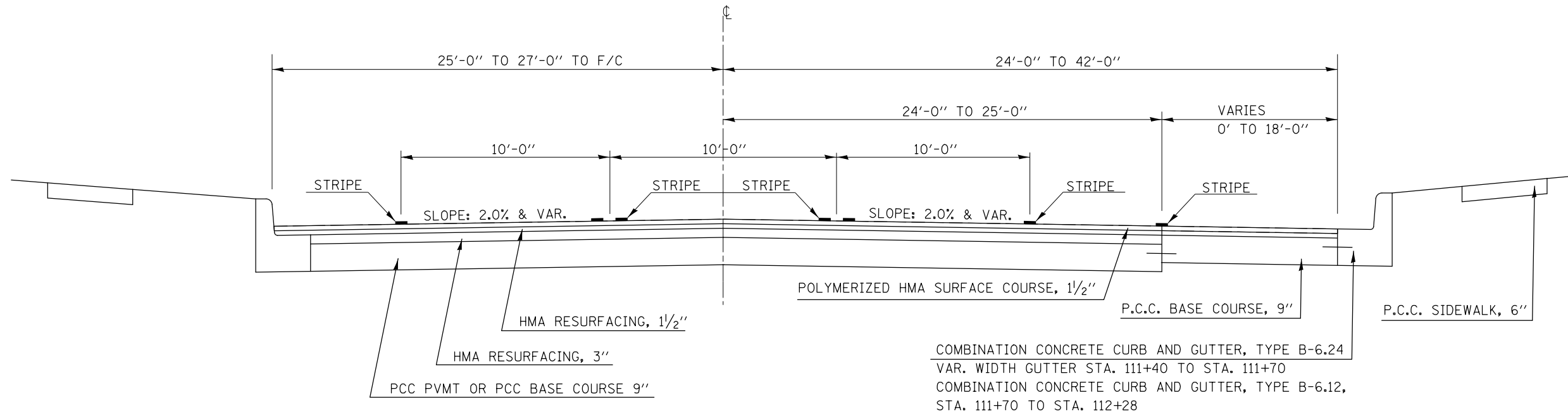
FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION LOCATION #8			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\bakercr\d0327161\057082-sh-t-typcal.dgn		DRAWN -	REVISED -		SCALE:	SHEET 1	OF 2 SHEETS	STA.	TO STA.	VARIES	36	27
		CHECKED -	REVISED -		CONTRACT NO. 70982							
*MODELNAME#	PLOT DATE = 1/28/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

* D5 CRACK & JOINT SEAL 2013-2

STATION EQUATION:
 STA. 108+58.91 (BK) =
 STA. 108+57.28 (AH)

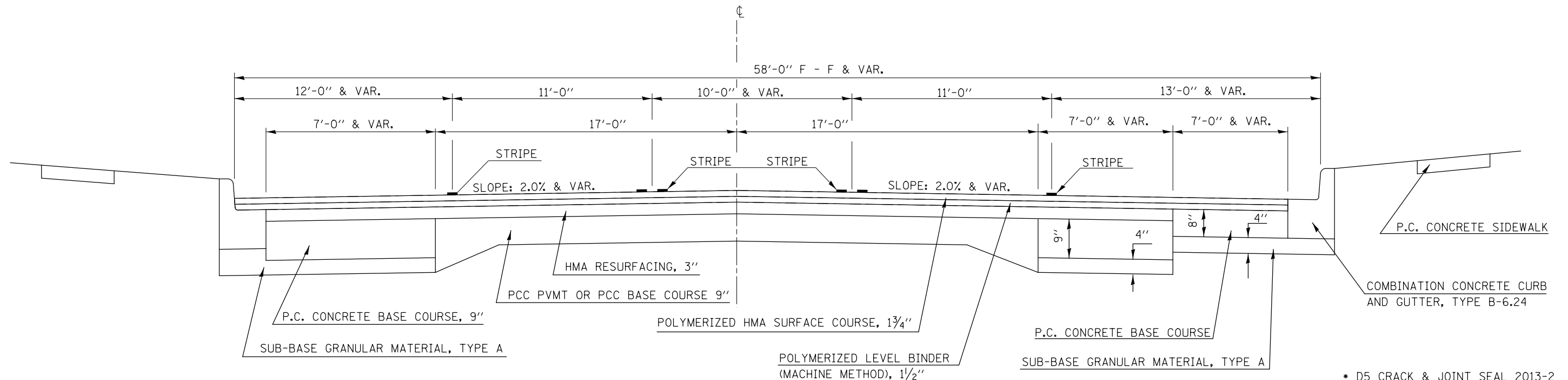
③ EXISTING TYPICAL CROSS SECTION / LOCATION #8

STATION TO STATION
 ② 101+35.00 112+28.00 ②



④ EXISTING TYPICAL CROSS SECTION / LOCATION #8

STATION TO STATION
 ③ 130+41.00 138+62.00 ②
 ③ 150+50.00 152+50.42

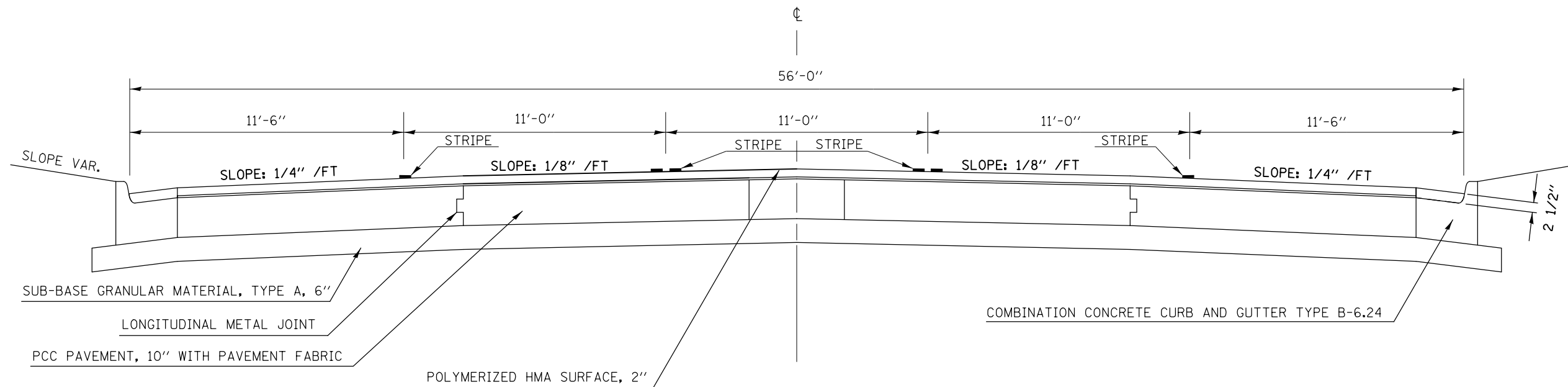


* D5 CRACK & JOINT SEAL 2013-2

FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION LOCATION #8			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\bakercr\d0327161\057082-sh-t-typcal.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					VAR.	*	VARIES	36	28
MODELNAME	PLOT DATE = 1/28/2013	CHECKED -	REVISED -		SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.			CONTRACT NO. 70982				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

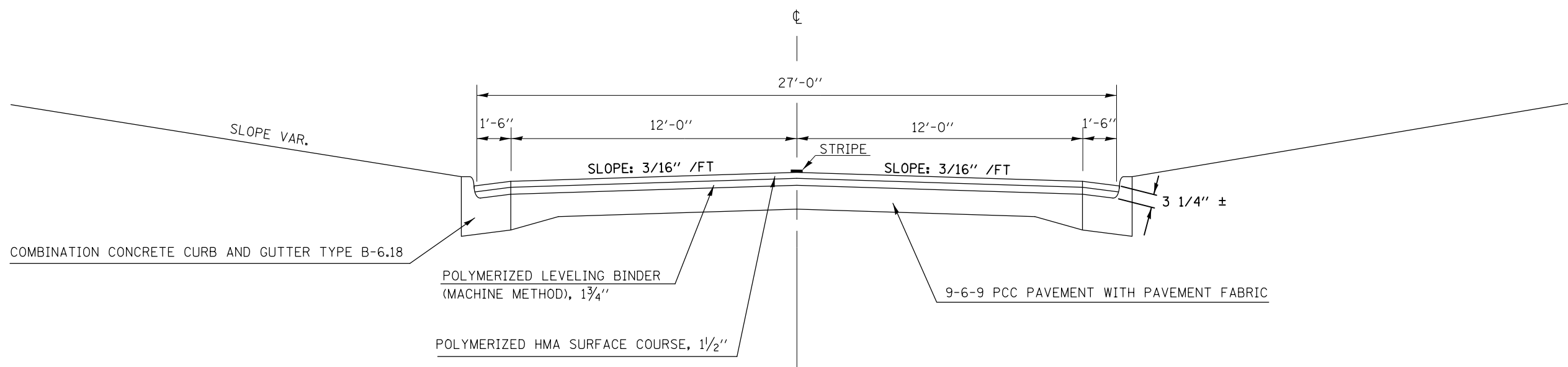
① **EXISTING TYPICAL CROSS SECTION / LOCATION #9**

	STATION	TO	STATION
	320+09.70		343+41.10
LT.	343+41.10		344+60.90 ②
RT.	343+41.10		345+45.00 ②



② **EXISTING TYPICAL CROSS SECTION / LOCATION #9**

	STATION	TO	STATION
① LT.	344+60.90		366+38.17
① RT.	345+45.00		366+38.17



* D5 CRACK & JOINT SEAL 2013-2

FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION LOCATION #9			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ei:\pw\work\p\dot\bakercr\d0327161\057082-sh-t-typcal.dgn		DRAWN -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	VARIES	36	29
		CHECKED -	REVISED -		CONTRACT NO. 70982								
#MODELNAME#		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

SCHEDULE OF QUANTITIES

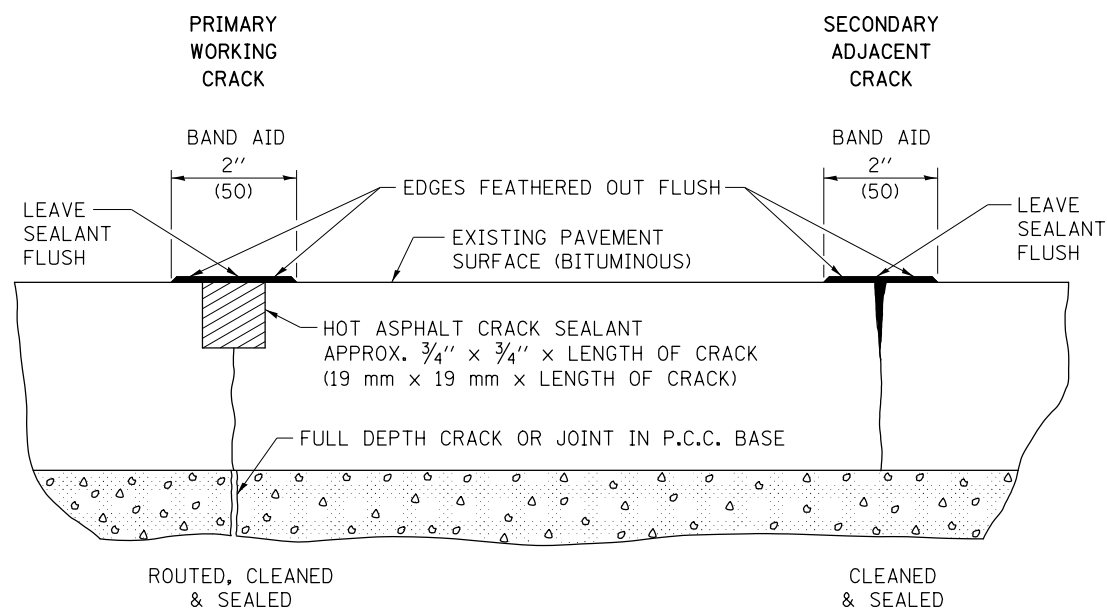
	LOCATION OF WORK:	LOCATION #1	LOCATION #2	LOCATION #3	LOCATION #4	LOCATION #5	LOCATION #6	LOCATION #7	LOCATION #8	LOCATION #9	LOCATION #10	
		FAP 323 (U.S. 36)	FAP 836 (IL. 49)	FAP 697 (IL. 9)	FAP 697 (IL. 9)	FAP 711 (IL. 119)	FAP 323 (U.S. 36) DOUGLAS-	FAP 816 ARTHUR RD.	FAP 808 (U.S. 150/U.S. 45)	FAP 725 (IL. 10)	FAP 808 (IL. 130) CHAMPAIGN-	
	COUNTY:	EDGAR RURAL	CHAMPAIGN RURAL	VERMILION RURAL / URBAN	VERMILION RURAL	VERMILION RURAL	PIATT RURAL	DOUGLAS RURAL	CHAMPAIGN URBAN	CHAMPAIGN URBAN	DOUGLAS RURAL	
												<u>TOTAL</u>
ITEM	UNIT	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CRACK ROUTING (PAVEMENT)	FOOT	54511.0	53809.0	R= 129198.0 U= 27471.0	70364.0	72846.0	95015.0	93011.0	30680.0	20053.0	72064.0	691551.0 27471.0
CRACK FILLING	POUND	21804.0	21524.0	R= 51679.0 U= 10989.0	28146.0	29138.0	38006.0	37204.0	12272.0	8021.0	28826.0	276620.0 10989.0
MOBILIZATION	L SUM	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.0
TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	0.1	0.1	0.2	0.1	0.1	0.2	0.1			0.1	1.0
TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM		0.3		0.3					0.1	0.3	1.0
TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM								0.5	0.5		1.0
TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L.SUM								1.0			1.0
PAINT PAVEMENT MARKING - LINE 4"	FOOT	645.0	3801.0	R= 3600.0 U= 800.0	6378.0	5150.0	2370.0				2197.0	24141.0 800.0
CHANGEABLE MESSAGE SIGN	CAL DA								6.0	6.0		12.0

• D5 CRACK & JOINT SEAL 2013-2

FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\pwork\dot\bakercr\d0327161\057082-sh-t-schedule.dgn		DRAWN -	REVISED -			VAR.	•	VARIES	36	31	
MODELNAME	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 70982					
	PLOT DATE = 1/28/2013	DATE -	REVISED -			SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.

HMA PAVEMENT

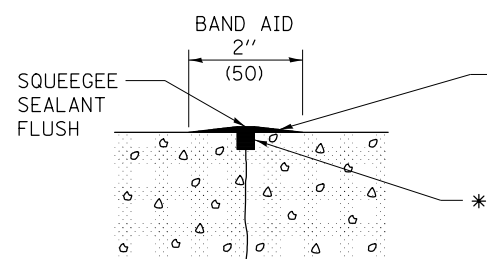
(USE PAY ITEMS : 45100100 CRACK ROUTING (PAVEMENT)
AND 45100200 CRACK FILLING)



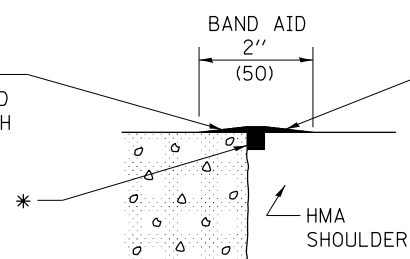
PCC PAVEMENT

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

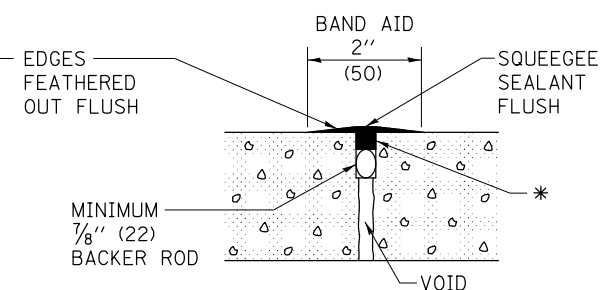
TRANSVERSE CRACKS AND JOINTS AND CENTERLINE JOINT



LONGITUDINAL SHOULDER JOINT

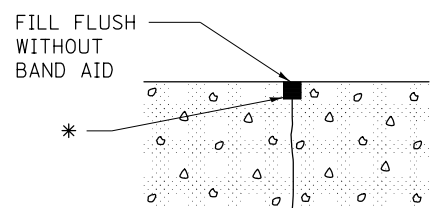


ANY WIDE LONGITUDINAL JOINT OR CRACK

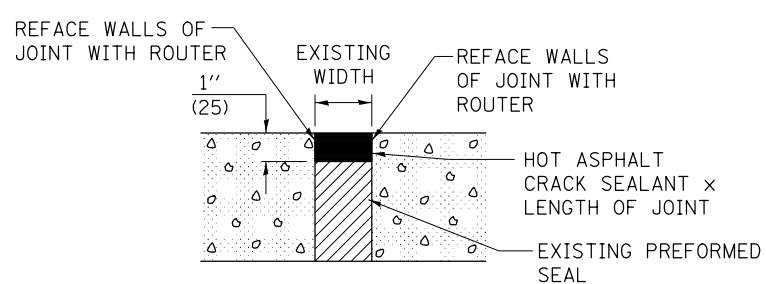


* HOT ASPHALT CRACK SEALANT
APPROX. 3/4 \"

LONGITUDINAL RANDOM CRACK



TRANSVERSE EXPANSION JOINT



* D5 CRACK & JOINT SEAL 2013-2

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

DISTRICT 5 DETAIL NO. 45AAAAAA

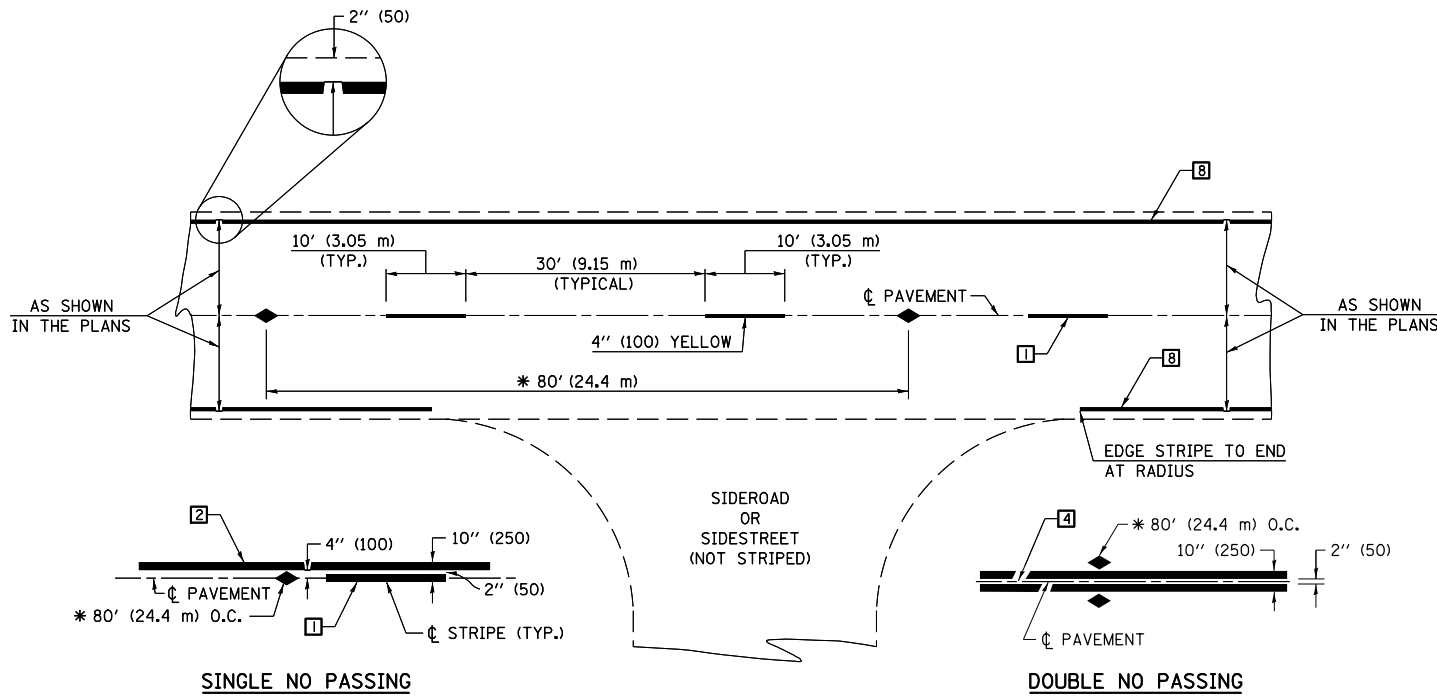
FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED - 12/06
et:\pw_work\p\dot\bakercr\d0327161\0570	B2-sh-t-details.dgn	DRAWN -	REVISED - 08/07
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 12/08
	PLOT DATE = 1/28/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CRACK AND JOINT SEALING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIES	36	32
CONTRACT NO. 70982				
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

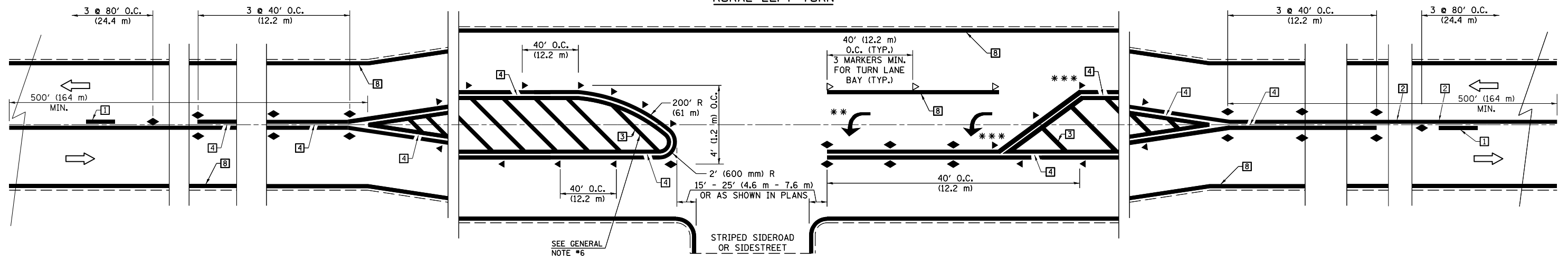
TYPICAL PAVEMENT MARKING LEGEND

- 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 2013-2

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

DISTRICT 5 DETAIL NO. 7800AAA

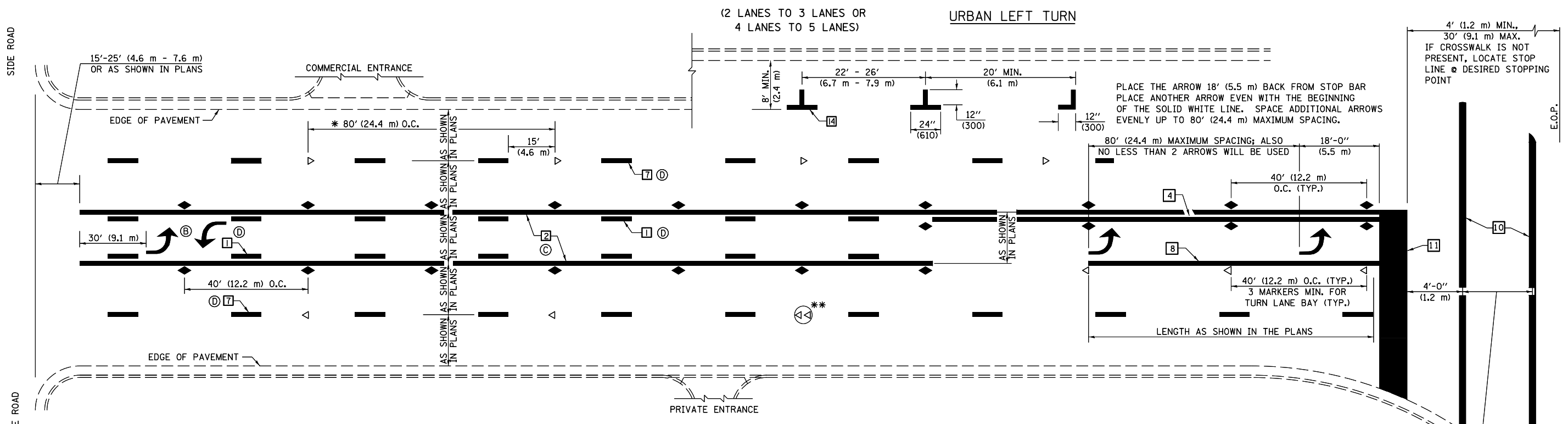
FILE NAME =	USER NAME = baker	DESIGNED -	REVISED - 11/06
ei:\pw\work\p\id\dot\baker\rd0327161\057082-sh1-detail.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/28/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

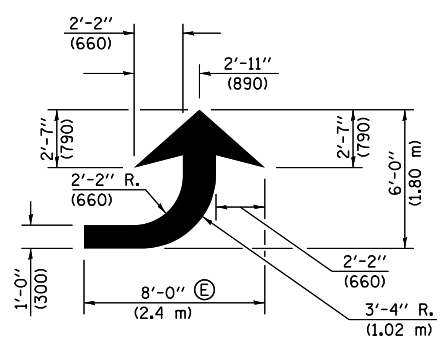
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIES	36	33
CONTRACT NO. 70982				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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

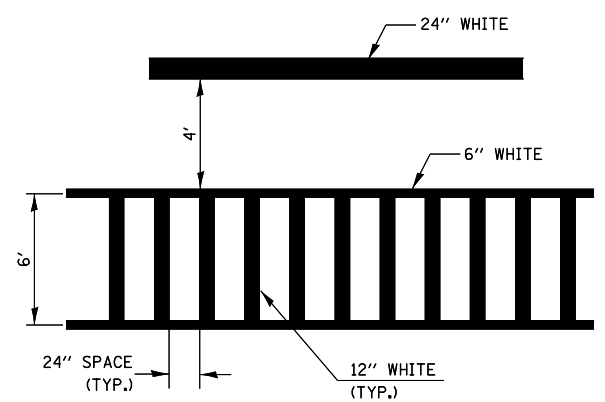
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

BLOOMINGTON-NORMAL CITY LIMITS ONLY

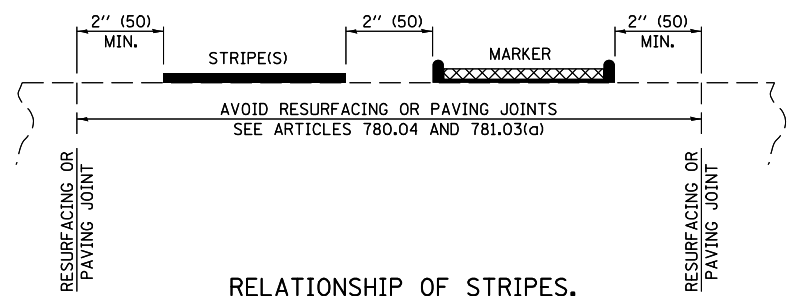


LEFT ARROW

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



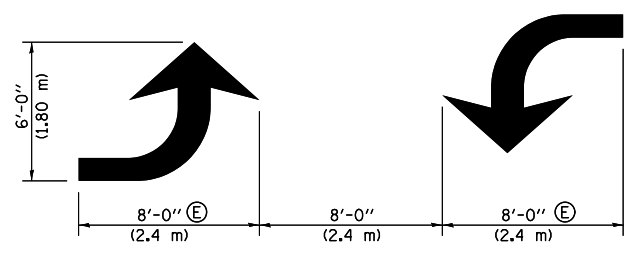
**TYPICAL SPACING FOR
CROSSWALKS & STOP BARS**



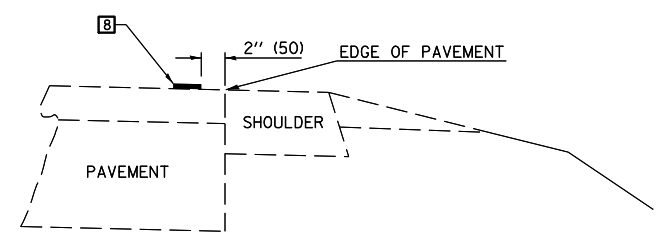
**RELATIONSHIP OF STRIPES,
MARKERS AND JOINTS**

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**

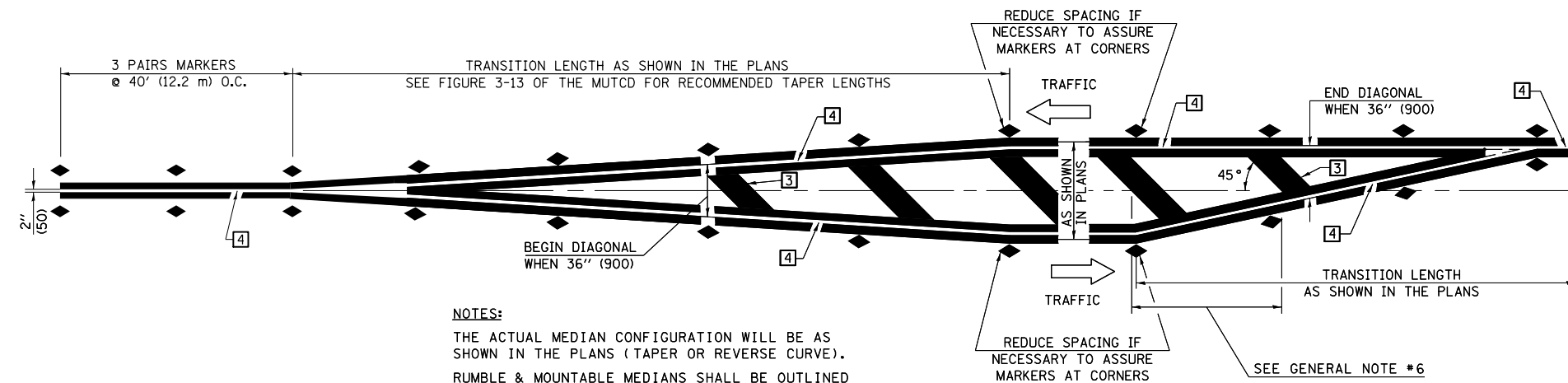
• D5 CRACK & JOINT SEAL 2013-2

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

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME =	USER NAME = bakercr	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.
ei:\pw_work\p\idot\bakercr\d0327161\057082-sh1-detail.dgn		DRAWN -	REVISED - 09/2009 - KJT				VAR.	*	VARIES	36	34
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -				CONTRACT NO. 70982				
PLOT DATE = 1/28/2013		DATE -	REVISED -				FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

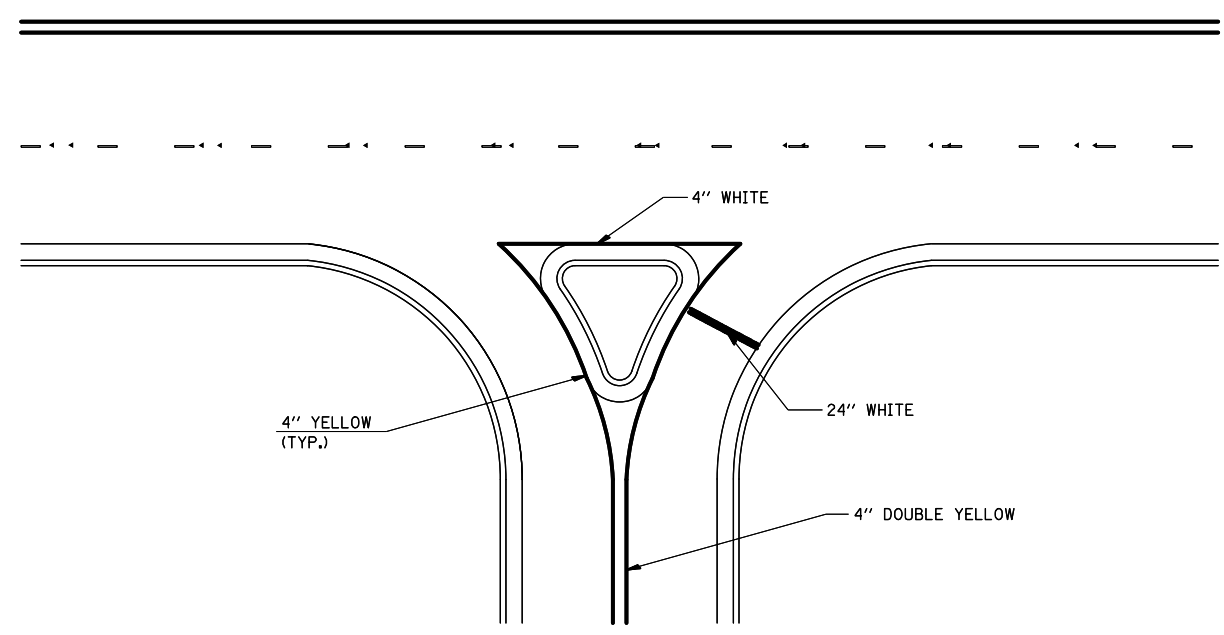


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

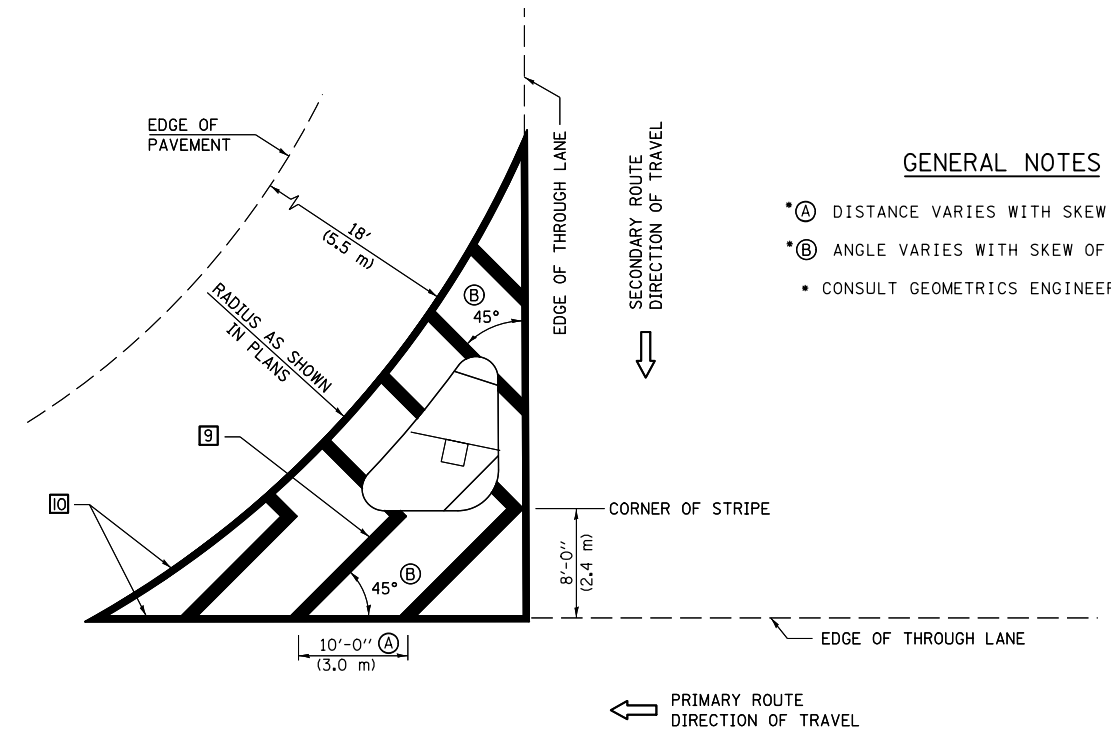
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

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



RIGHT IN - RIGHT OUT ACCESS



GENERAL NOTES

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

ISLAND

• D5 CRACK & JOINT SEAL 2013-2

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

FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED - 11/06
et:\pwork\pwork\bakercr\d0327161\057082-sh1-detail.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/28/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

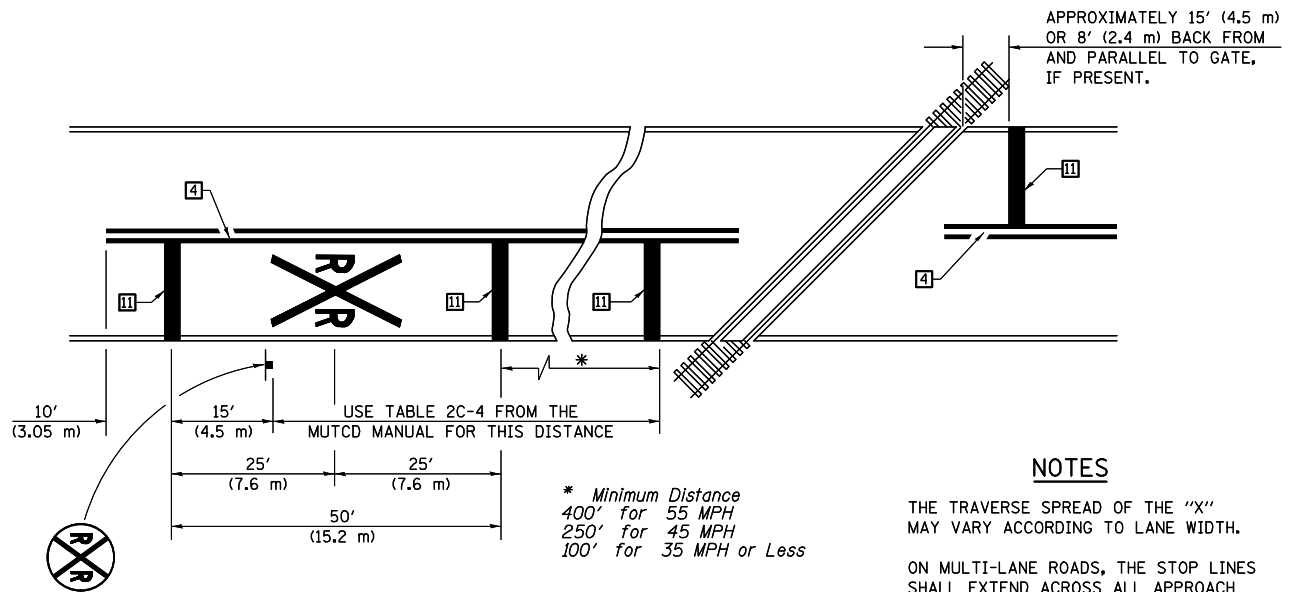
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	•	VARIES	36	35
			CONTRACT NO. 70982	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



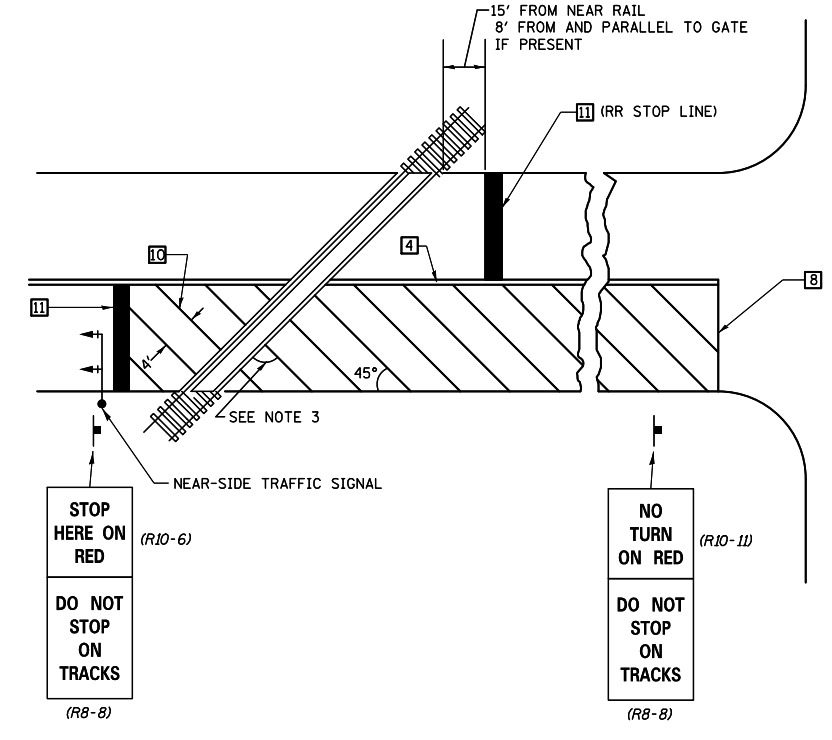
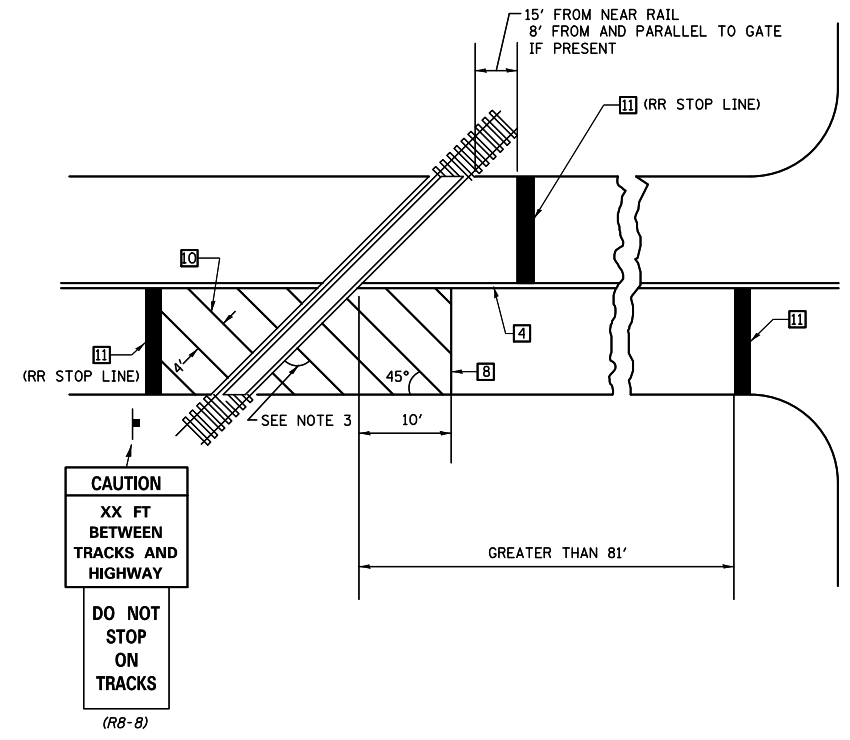
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

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 R XR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

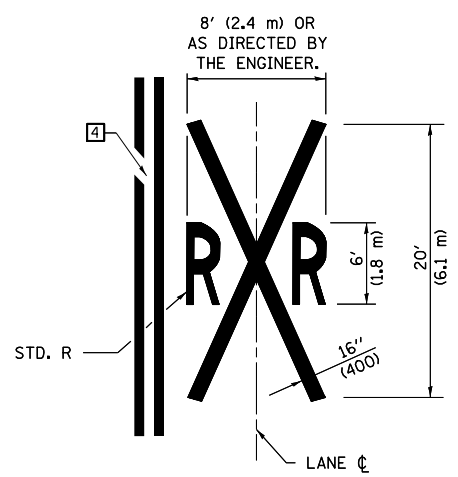
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



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 2013-2

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

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME =	USER NAME = bakercr	DESIGNED -	REVISED - 11/06
et:\pw\work\p1dot\bakercr\d0327161\057082-sh1-details.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/28/2013	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.	*	VARIES	36	36
CONTRACT NO. 70982				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				