

04-25-14 LETTING ITEM 050

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
SECTION D5 CRACK & JOINT SEAL 2014-1

CRACK AND JOINT SEALING
VARIOUS COUNTIES

C-95-023-13

(ROUT & SEAL EAST FIELD AREA)

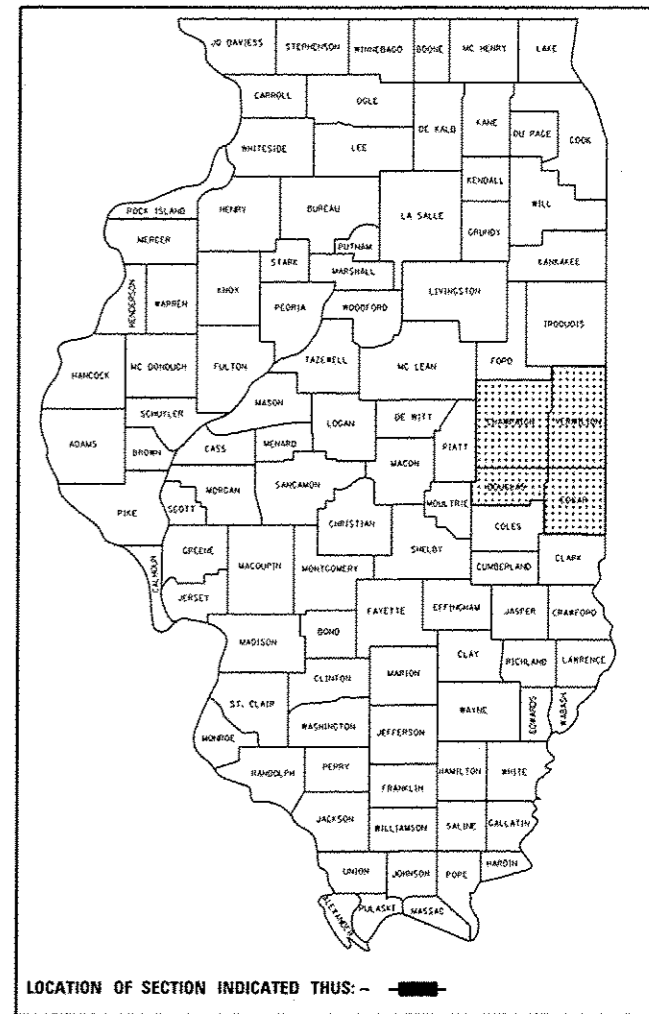
FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 10

ADT - SEE LOCATION MAPS

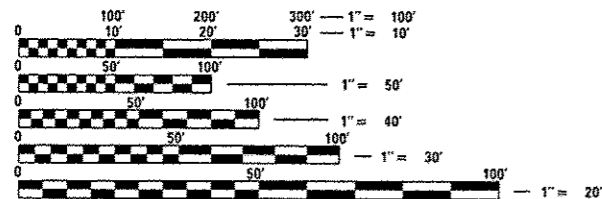
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	41	1
		ILLINOIS	CONTRACT NO. 70A32	

*D5 CRACK & JOINT SEAL 2014-1

D-95-023-13



FOR LOCATION MAPS, SEE SHEETS 3-8



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
DESIGNER: WILLIAM PARKER, JR.

CONTRACT NO. 70A32

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED FEBRUARY 14, 2014
Joseph E. Crowe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER, *RE*

March 21, 2014
John D. Baranzelli, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

March 21, 2014
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF STANDARDS
3-8	LOCATION MAPS
9	GENERAL NOTES
10	SUMMARY OF QUANTITIES
11-34	EXISTING TYPICAL CROSS SECTIONS
35	DETAIL FOR CRACK AND JOINT SEALING
36	DETAIL FOR TRAFFIC CONTROL FOR RAMPS
37-40	DETAIL FOR PAVEMENT MARKINGS AND MARKERS (RURAL AND URBAN APPLICATIONS)
41	DETAIL FOR PAVEMENT MARKING (INTERSTATE & MULTI-LANE APPLICATIONS)

LIST OF STANDARDS

<u>STANDARD NO.</u>	<u>NAME OF STANDARD</u>
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 > 45MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701400-07	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-08	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701426-06	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >= 45 MPH
701427-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS < 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701602-07	URBAN LANE CLOSURE, MULTILANE, 2W 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-03	TRAFFIC CONTROL DEVICES
780001-04	TYPICAL PAVEMENT MARKINGS

FILE NAME =	USER NAME = ceerlaekjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & LIST OF STANDARDS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
z:\p\work\p\p\dos\ceerlaekjd\0301332\0	70A32-4ht'gennote.dgn	DRAWN -	REVISED -			VAR.	VARIOUS	41	2		
	PLOT SCALE = 48,0000' / in.	CHECKED -	REVISED -			*DS CRACK & JOINT SEAL 2014-1 CONTRACT NO. 70A32					
MODELNAME	PLOT DATE = 2/14/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.					

ADT

LOCATION 1: AVERAGE ADT = 13,900 (2011)

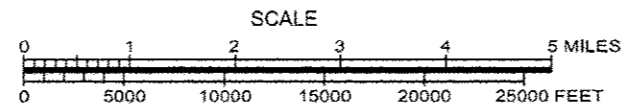
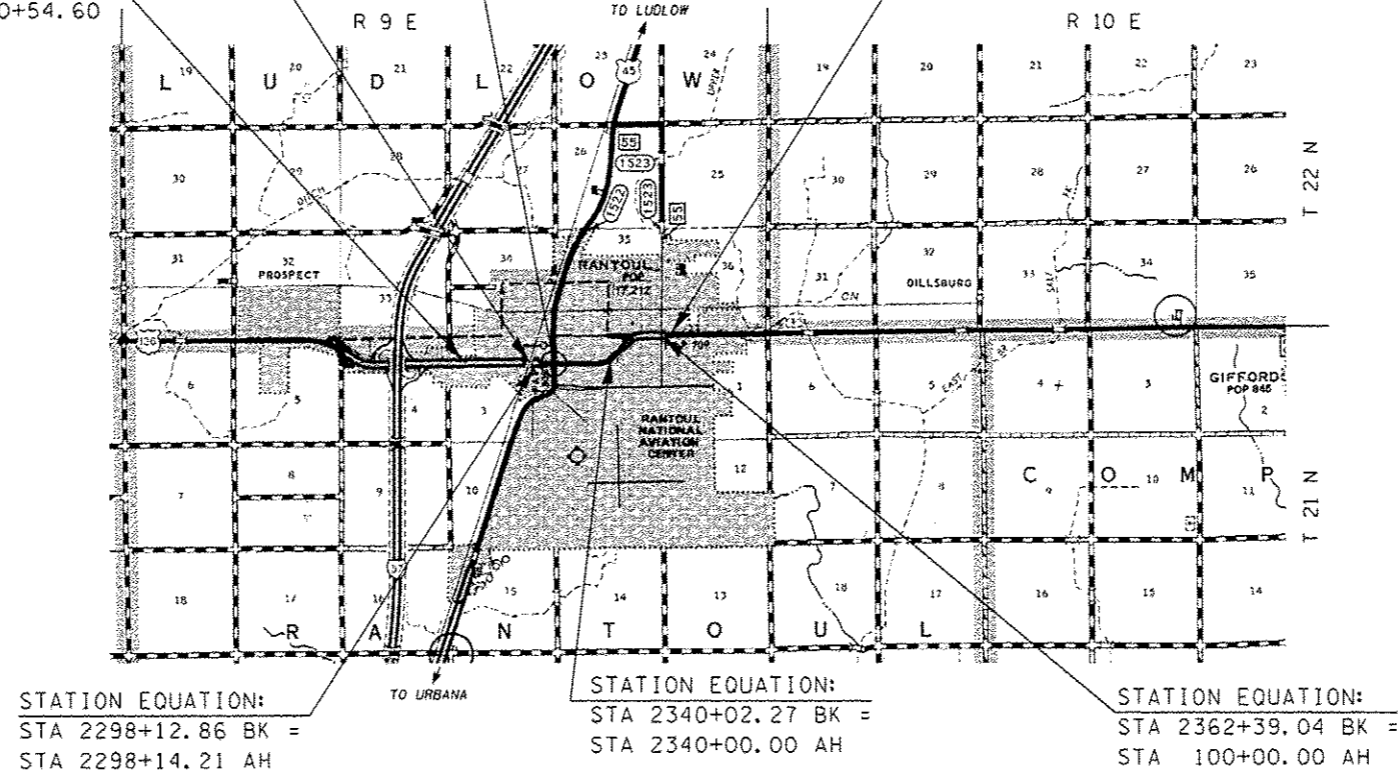
LOCATION MAP #1
US 136 FROM E. OF SUNVIEW RD. TO BETHANY PARK DR. IN RANTOUL
CHAMPAIGN COUNTY

OMISSION FROM SECTION
 UNDER I. C. G. RAILROAD
 S. N. 010-0233
 STA 2290+19.00 TO
 STA 2292+45.00

SECTION BEGINS
 STATION 2270+54.60

OMISSION FROM SECTION
 AT US 45 INTERSECTION
 STA 2303+23.32 TO
 STA 2305+13.70

SECTION ENDS
 STATION 105+64.00



TOTAL LENGTH OF SECTION = 9749.36 FEET = 1.846 MILES
 NET LENGTH OF SECTION = 9332.98 FEET = 1.768 MILES

FILE NAME =	USER NAME = cearlock_jd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #1	P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\cearlock_jd\0301332\1	78432\sh-t-100.mep.dgn	DRAWN -	REVISED -			VAR.	*	VARIOUS	41	3	
	PLOT SCALE = 1/8" = 1' / in.	CHECKED -	REVISED -			*DS CRACK & JOINT SEAL 2014-1 CONTRACT NO. 70A32					
MODELNAME*	PLOT DATE = 2/14/2014	DATE -	REVISED -			SCALE: N/A	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

ADT

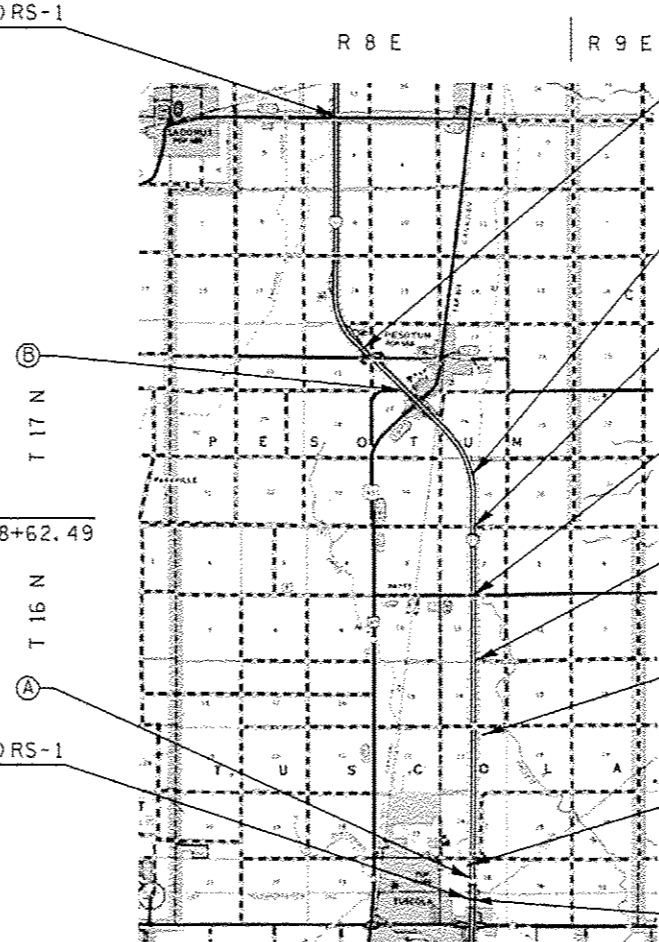
LOCATION 2: AVERAGE ADT = 19,400

LOCATION MAP #2
I 57 FROM 0.3 MI N. OF US 36 TO SADORUS RD.
DOUGLAS COUNTY

SECTION (21-28, 21-10-29, 10-30)RS-1
 ENDS STA. 350+00.00

CHAMPAIGN COUNTY
 DOUGLAS COUNTY STA. 848+62.49

SECTION (21-28, 21-10-29, 10-30)RS-1
 BEGINS STA. 547+00.00



STATION EQUATION
 STA. 945+52.78 (BK) =
 STA. 104+50.00 (AH)

STATION EQUATION
 STA. 881+68.05 (BK) =
 STA. 881+68.75 (AH)

STATION EQUATION
 STA. 843+84.01 (BK) =
 STA. 843+85.95 (AH)

STATION EQUATION
 STA. 791+00.00 (BK) =
 STA. 791+02.19 (AH)

STATION EQUATION
 STA. 736+24.61 (BK) =
 STA. 736+26.44 (AH)

STATION EQUATION
 STA. 687+00.00 (BK) =
 STA. 687+03.30 (AH)

STATION EQUATION
 STA. 575+43.68 (BK) =
 STA. 575+43.98 (AH)

STATION EQUATION
 STA. 547+00.00 (BK) =
 STA. 547+01.25 (AH)

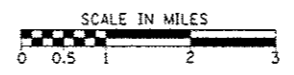
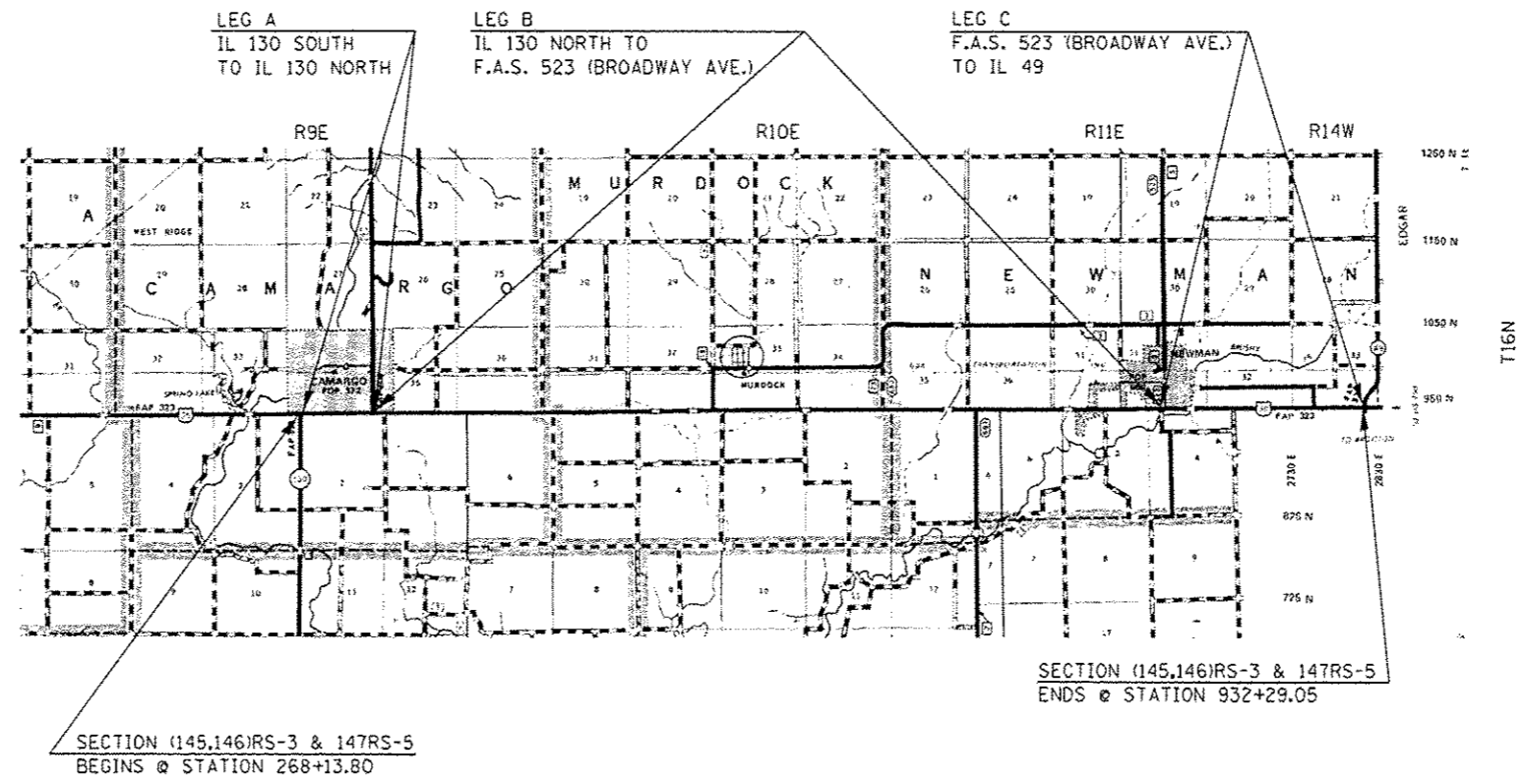
TOTAL LENGTH OF SECTION & PROJECT = 66,761.27 FEET = 12.644 MILES
 NET LENGTH OF SECTION & PROJECT = 64,392.68 FEET = 12.196 MILES

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #2			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\pwork\pwidth\cbarlock\ad0381332\079932-sht-100.maps.dgn	79932-sht-100.maps.dgn	DRAWN :	REVISED :					VAR.	*	VARIOUS	41	4
	PLOT SCALE = 40,0000 1" = 1 mi.	CHECKED :	REVISED :		*05 CRACK & JOINT SEAL 2014-1			CONTRACT NO. 70A32				
#MODELNAME#	PLOT DATE = 2/14/2014	DATE :	REVISED :		SCALE: N/A	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

LOCATION MAP #3
US 36 FROM IL 130 (S) TO IL 49
DOUGLAS COUNTY

ADT

LOCATION 3: AVERAGE ADT (2011)
 LEG A: 3950
 LEG B: 2450
 LEG C: 2050



GROSS LENGTH = 66,415.25 FT. = 12.579 MILES
 NET LENGTH = 65,806.63 FT. = 12.463 MILES

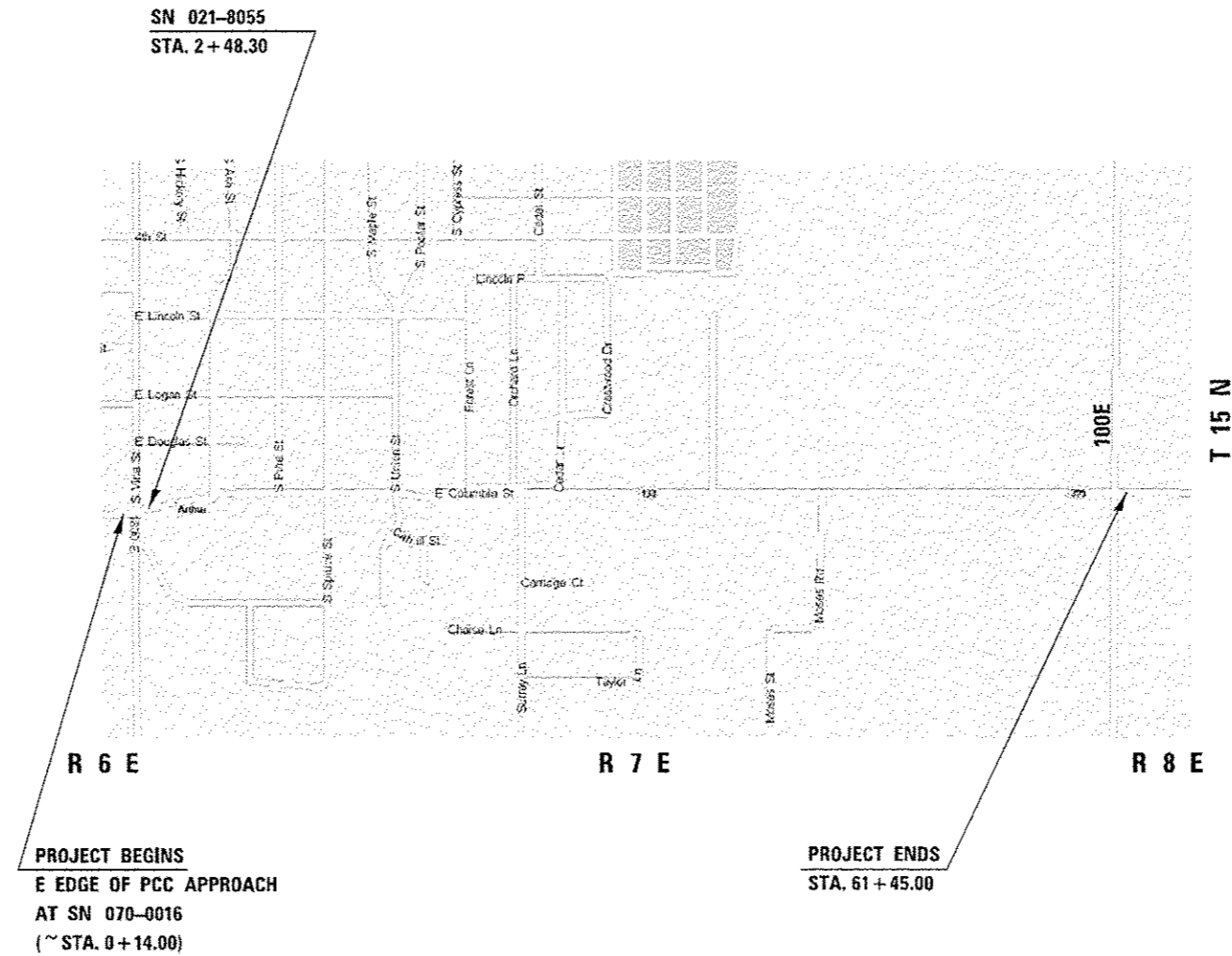
FILE NAME =	USER NAME = ceerlask_d	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #3	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\p\dat\ceerlask_d\0301332\03	78032-ah-100.mxd	DRAWN -	REVISED -			VAR.	*	VARIOUS	41	5
	PLOT SCALE = 40,0000 1/ in.	CHECKED -	REVISED -			*05 CRACK & JOINT SEAL 2014-1		CONTRACT NO. 70A32		
#MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -			SCALE: N/A	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

LOCATION MAP #4

**IL 133 FROM MOULTRIE CO. LINE TO ECL OF ARTHUR
DOUGLAS COUNTY**

ADT

LOCATION 4: AVERAGE ADT (2011)
 LEG A: 6250
 MOULTRIE COUNTY LINE TO CEDAR LANE
 LEG B: 4260
 CEDAR LANE TO ECL OF ARTHUR



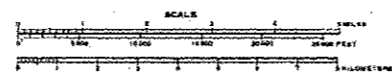
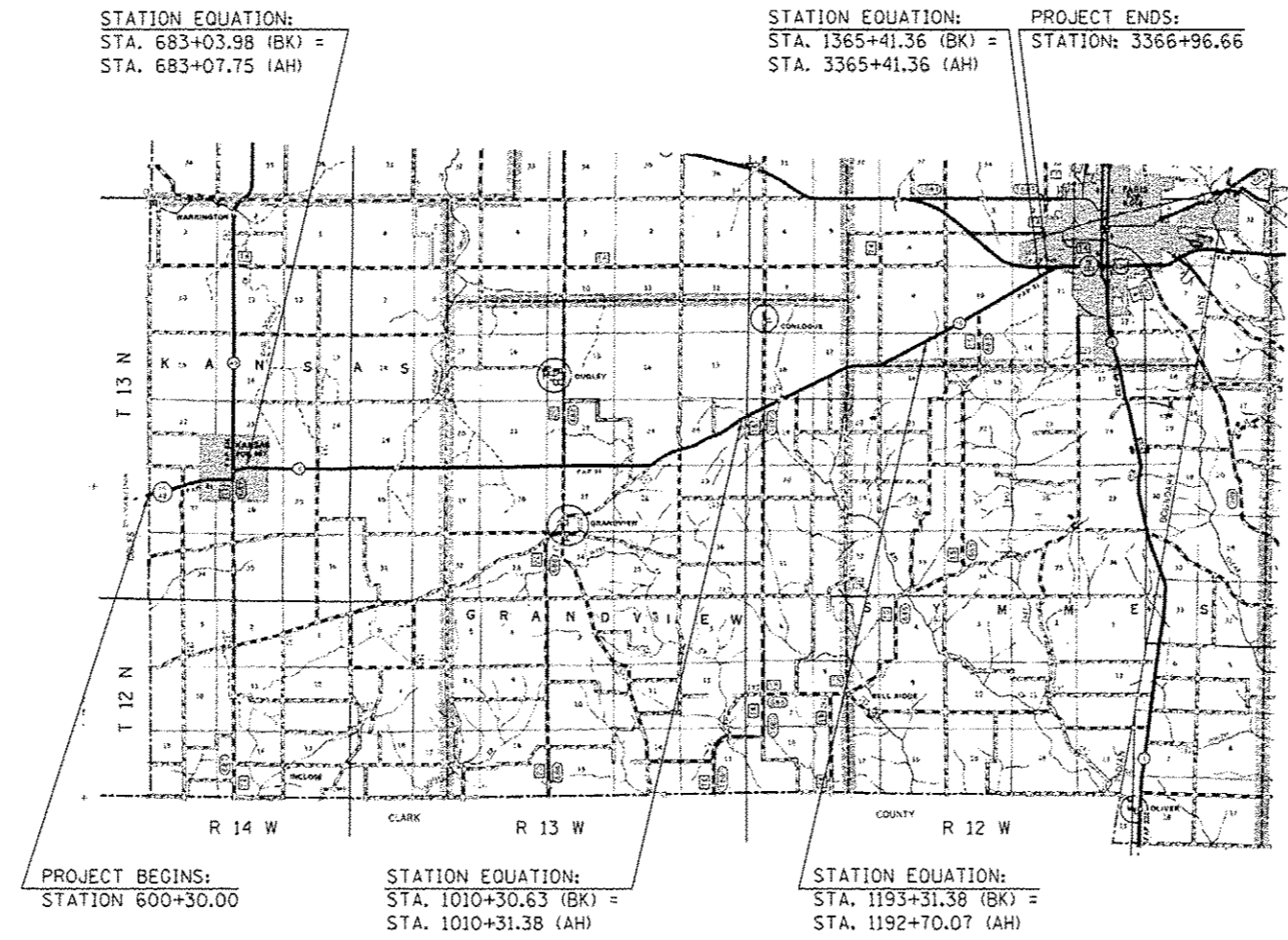
GROSS LENGTH = 6131.00 FT. = 1.161 MILE
 NET LENGTH = 6131.00 FT. = 1.161 MILE

FILE NAME =	USER NAME = eearlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #4			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\avidot\cearlock\ad0301322\070A32-shr-loc.mxd	70A32-shr-loc.mxd	DRAWN -	REVISED -					VAR.	*	VARIOUS	41	6
PLOT SCALE = 42.20000 1/ in.		CHECKED -	REVISED -		SCALE: N/A			SHEET 1 OF 1 SHEETS STA. TO STA.				
PLOT DATE = 2/14/2014		DATE -	REVISED -					*05 CRACK & JOINT SEAL 2014-1 CONTRACT NO. 70A32 ILLINOIS FED. AID PROJECT				

ADT

LOCATION 5: AVERAGE ADT = 3150 (2011)

LOCATION MAP #5
IL 16 FROM COLES CO. LINE TO IL 133 AT PARIS
EDGAR CO.



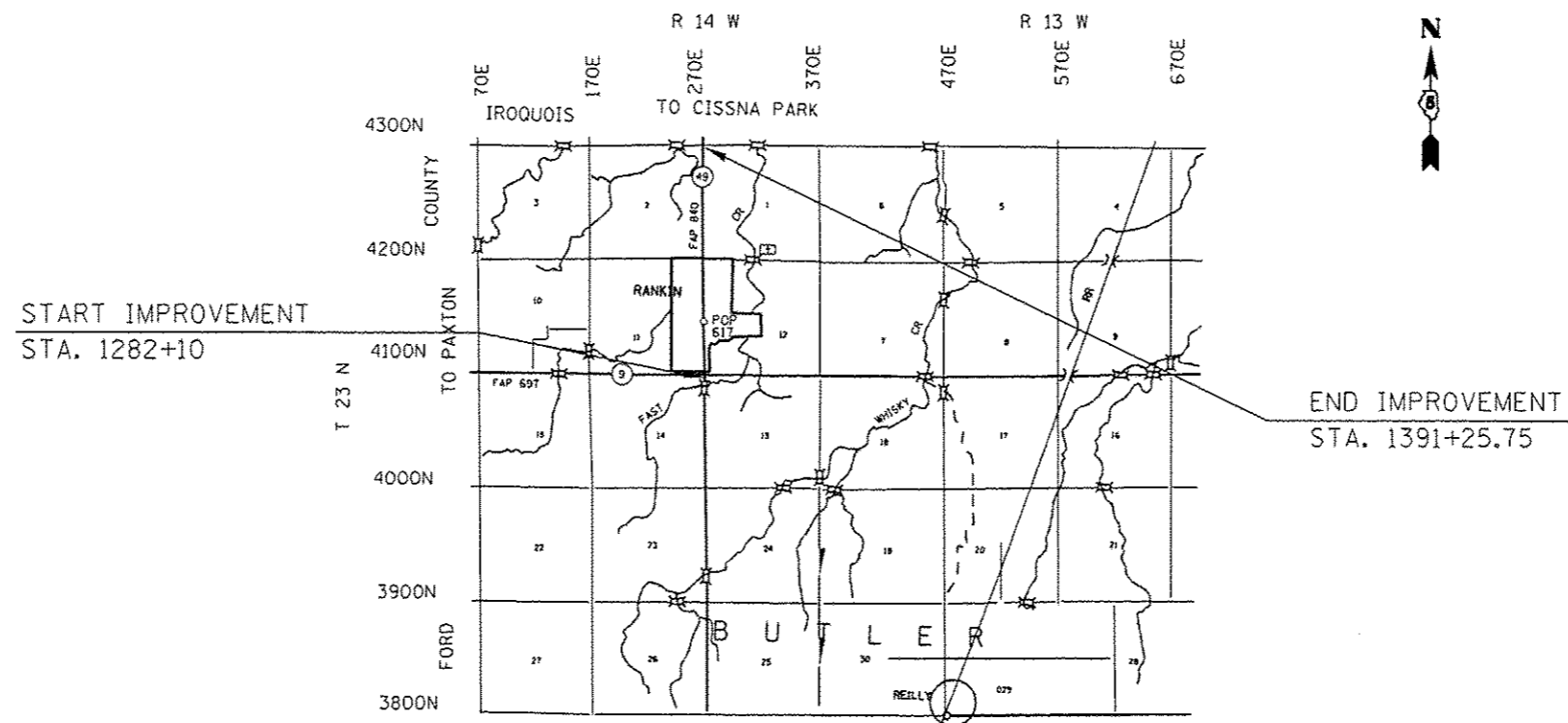
GROSS LENGTH = 76,723.45 FT. = 14.531 MILES
 NET LENGTH = 76,723.45 FT. = 14.531 MILES

FILE NAME *	USER NAME = ceerlock_jd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #5		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
78432-shr-loc maps.dgn	DRAWN -	REVISED -	VAR.				*	VARIOUS	41	7	
PLOT SCALE = 48.2880' / in.	CHECKED -	REVISED -	-D5 CRACK & JOINT SEAL 2014-1				CONTRACT NO. 70A32				
PLOT DATE = 2/14/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								
				SCALE: N/A		SHEET 1 OF 1 SHEETS		STA. TO STA.			

ADT

LOCATION 6: AVERAGE ADT = 1250 (2011)

LOCATION MAP #6 IL 49 FROM IROQUOIS CO. LINE TO FAST CREEK VERMILION COUNTY



TOTAL LENGTH = 10,915.75 ft = 2.067 miles
NET LENGTH = 10,915.75 ft = 2.067 miles

FILE NAME *	USER NAME * oerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #6	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
er\p\work\p\idat\oerlockjd\0311332\0311332.dgn	78A32-sht-loc.mxd	DRAWN -	REVISED -			VAR.	*	VERMILION	41	8	
	PLOT SCALE * 40.0000 1/ in.	CHECKED -	REVISED -			*05 CRACK & JOINT SEAL 2014-1 CONTRACT NO. 70A32					
	PLOT DATE * 2/14/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: N/A	SHEET 1 OF 1 SHEETS		STA. TO STA.			

GENERAL NOTES

G.N.100

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

G.N.100A

ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-107.12A

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)

THE INTENT OF THIS PROJECT IS TO ONLY BLOW OUT AND SEAL THE LONGITUDINAL JOINTS & CRACKS (I.E. - NO ROUTING). THE TRANSVERSE CRACKS WILL BE ROUTED AND SEALED AS DESCRIBED AT EACH LOCATION LISTED IN THIS NOTE. ANY CHANGES TO THE INTENT OF ROUTING AND SEALING OPERATIONS SHALL BE APPROVED IN ADVANCE BY THE ENGINEER.

LOCATIONS SHALL BE DONE IN THE NUMERICAL ORDER GIVEN IN THE PLANS.

THE FOLLOWING APPLICATION RATES WERE USED TO CALCULATE MATERIAL FOR SEALING JOINTS AND CRACKS AT ALL LOCATIONS:

- LONGITUDINAL (OR NON-ROUTED) = 0.2 LBS / LINEAR FOOT
- TRANSVERSE (OR ROUTED) = 0.4 LBS / LINEAR FOOT

ALL PCC BRIDGE DECKS AND PAVEMENTS ARE TO BE OMISSIONS. BRIDGE DECKS WITH HMA OVERLAYS ARE TO BE SEALED ONLY (NO ROUTING).

LOCATION #1- US 136 IN RANTOUL

- 1) SOME AREAS OF THIS LOCATION WERE SEALED BY IDOT MAINTENANCE LAST YEAR. CARE SHOULD BE TAKEN TO CHECK THE ENTIRE LOCATION FOR NEW CRACKS THAT NEED TO BE SEALED (OR RE-SEALED) THAT MAY NOT HAVE BEEN PRESENT LAST YEAR.
- 2) LONGITUDINAL JOINTS AND CRACKS EQUAL TO OR GREATER THAN 1/4" IN WIDTH ALONG CENTER LINE, LANE LINES, TURN LANES AND OTHER PAVING JOINTS (AS DIRECTED BY THE ENGINEER) SHALL BE SEALED.
- 3) LONGITUDINAL PAVING JOINTS, PARALLEL TO THE MAINLINE, AT SIDE ROADS AND ENTRANCES SHALL BE SEALED AS NEEDED. ALL OTHER CRACKS AT THESE LOCATIONS ARE TO BE OMITTED.
- 4) LONGITUDINAL CRACKS WITHIN MARKED LANES SHALL BE SEALED - ONLY IF THEY ARE GREATER THAN 1/4" WIDE AND ARE NOT IN A WHEEL LANE.
- 5) TRANSVERSE CRACKS EQUAL TO OR GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.
- 6) TRANSVERSE CRACKS IN SECTIONS WHERE THE PCC GUTTER PANS HAVE BEEN INLAID WITH HMA SHALL BE ROUTED & SEALED TO THE APPROXIMATE EDGE OF PAVEMENT AS SHOWN IN THE TYPICAL SECTIONS.
- 7) TRANSVERSE CRACKS SHALL NOT BE ROUTED & SEALED ANY CLOSER THAN 12" TO THE FACE OF CURB (OR AS DIRECTED BY THE ENGINEER) IF THE EXACT LOCATION OF THE EDGE OF PAVEMENT CAN NOT BE DETERMINED.

APPROXIMATE QUANTITIES AT THIS LOCATION:

- LONGITUDINAL : 8,600 FOOT
- TRANSVERSE : 9,900 FOOT
- SEALER : 5,680 POUNDS

LOCATION #2- I-57 FROM N OF US 36 TO SADORUS RD

- 1) LONGITUDINAL JOINTS AND CRACKS EQUAL TO OR GREATER THAN 1/4" IN WIDTH ALONG THE CENTER LINE, AND BETWEEN THE EDGE OF PAVEMENT / SHOULDERS SHALL BE SEALED.
- 2) LONGITUDINAL JOINTS BETWEEN THE EDGE OF PAVEMENT / SHOULDER ON THE RAMPS AT BOTH US 45 AND THE REST AREA SHALL BE SEALED AS NEEDED. START / STOP AT THE PAVING BUTT JOINTS AS DIRECTED BY THE ENGINEER.
- 3) LONGITUDINAL PAVING JOINTS & CRACKS WITHIN THE MARKED LANES ON BOTH THE MAINLINE AND THE RAMPS SHALL **NOT** BE SEALED.
- 4) LONGITUDINAL JOINTS WITH DOUBLE CRACKS ALONG THE CENTERLINE OR ALONG THE SHOULDER SHALL BE SEALED AS NEEDED.
- 5) TRANSVERSE CRACKS ON BOTH THE MAINLINE AND ON THE RAMPS THAT ARE EQUAL TO OR GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.

APPROXIMATE QUANTITIES AT THIS LOCATION:

- LONGITUDINAL : 231,234 (CHAMPAIGN) + 168,833 (DOUGLAS) = 400,067 FOOT
- TRANSVERSE : 19,188 (CHAMPAIGN) + 3,080 (DOUGLAS) = 22,268 FOOT
- SEALER : 53,922 (CHAMPAIGN) + 34,999 (DOUGLAS) = 88,921 POUNDS

LOCATION #3- US 36 FROM IL 130 (S) TO IL 49

- 1) LONGITUDINAL JOINTS AND CRACKS EQUAL TO OR GREATER THAN 1/4" IN WIDTH ALONG CENTER LINE, TURN LANES, EDGE OF PAVEMENT / SHOULDERS AND OTHER PAVING JOINTS (AS DIRECTED BY THE ENGINEER) SHALL BE SEALED.
- 2) LONGITUDINAL CRACKS WITHIN THE MARKED LANES SHALL **NOT** BE SEALED.
- 3) LONGITUDINAL PAVING JOINTS, PARALLEL TO THE MAINLINE, AT SIDE ROADS AND ENTRANCES SHALL BE SEALED AS NEEDED. ALL OTHER CRACKS AT THESE LOCATIONS ARE TO BE OMITTED.
- 4) LONGITUDINAL JOINTS WITH DOUBLE CRACKS ALONG THE CENTERLINE OR ALONG THE EDGE OF PAVEMENT / SHOULDER SHALL BE SEALED AS NEEDED.
- 5) TRANSVERSE CRACKS EQUAL TO OR GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.

APPROXIMATE QUANTITIES AT THIS LOCATION:

- LONGITUDINAL : 61,100 (DOUGLAS) + 8,000 (EDGAR) = 69,100 FOOT
- TRANSVERSE : 23,400 (DOUGLAS) + 2,000 (EDGAR) = 25,400 FOOT
- SEALER : 21,580 (DOUGLAS) + 2,400 (EDGAR) = 23,980 POUNDS

LOCATION #4- IL 133 FROM MOULTRIE CO. LINE TO ECL OF ARTHUR

- 1) SPECIAL CARE SHALL BE TAKEN TO ACCOMMODATE NON-MOTORIZED VEHICLE (HORSE & BUGGY) TRAFFIC AT THIS LOCATION. CAUTION SHALL BE EXERCISED WHEN BLOWING DEBRIS IN THE VICINITY OF NON-MOTORIZED VEHICLES. ALL CONSTRUCTION DEBRIS / DUST SHALL BE COMPLETELY REMOVED FROM THE NON-MOTORIZED VEHICLE LANES / SHOULDERS.
- 2) WEST LIMIT OF THE JOB WILL BE THE EAST END OF THE PCC APPROACH OF SN 070-0016 JUST WEST OF 1800E (VINE ST). EAST LIMIT OF JOB IS -150 FEET PAST 100E SIDE ROAD.
- 3) LONGITUDINAL JOINTS AND CRACKS EQUAL TO OR GREATER THAN 1/4" IN WIDTH ALONG CENTER LINE, EDGE OF PAVEMENT / SHOULDERS AND OTHER PAVING JOINTS (AS DIRECTED BY THE ENGINEER) SHALL BE SEALED.
- 4) LONGITUDINAL CRACKS WITHIN THE MARKED LANES SHALL **NOT** BE SEALED.
- 5) LONGITUDINAL PAVING JOINTS, PARALLEL TO THE MAINLINE, AT SIDE ROADS AND ENTRANCES SHALL BE SEALED AS NEEDED. ALL OTHER CRACKS AT THESE LOCATIONS ARE TO BE OMITTED.
- 6) LONGITUDINAL JOINTS WITH DOUBLE CRACKS ALONG THE CENTERLINE OR ALONG THE EDGE OF PAVEMENT / SHOULDER SHALL BE SEALED AS NEEDED.
- 7) TRANSVERSE CRACKS EQUAL TO OR GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.
- 8) TRANSVERSE CRACKS IN THE BUGGY LANES / SHOULDERS SHALL NOT BE SEALED.
- 9) ROUT AND SEAL ALL CRACKS IN THE IL 133 / 1800E INTERSECTION.

APPROXIMATE QUANTITIES AT THIS LOCATION:

- LONGITUDINAL : 12,850 FOOT (at time of survey ~50% of shoulder & ~70% of CL joints cracked)
- TRANSVERSE : 2,390 FOOT
- SEALER : 3,522 POUNDS

LOCATION #5- IL 16 FROM COLES CO. LINE TO IL 133 IN PARIS

- 1) LONGITUDINAL JOINTS AND CRACKS EQUAL TO OR GREATER THAN 1/4" IN WIDTH ALONG CENTER LINE, TURN LANES, EDGE OF PAVEMENT / SHOULDERS AND OTHER PAVING JOINTS (AS DIRECTED BY THE ENGINEER) SHALL BE SEALED.
- 2) LONGITUDINAL CRACKS WITHIN THE MARKED LANES SHALL **NOT** BE SEALED.
- 3) LONGITUDINAL PAVING JOINTS, PARALLEL TO THE MAINLINE, AT SIDE ROADS AND ENTRANCES SHALL BE SEALED AS NEEDED. ALL OTHER CRACKS AT THESE LOCATIONS ARE TO BE OMITTED.
- 4) LONGITUDINAL JOINTS WITH DOUBLE CRACKS ALONG THE CENTERLINE OR ALONG THE EDGE OF PAVEMENT / SHOULDER SHALL BE SEALED AS NEEDED.
- 5) TRANSVERSE CRACKS EQUAL TO OR GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.
- 6) ROUT AND SEAL ALL CRACKS AT THE IL 16 / IL 49 INTERSECTION IN KANSAS.

APPROXIMATE QUANTITIES AT THIS LOCATION:

- LONGITUDINAL : 78,700 FOOT (estimated)
- TRANSVERSE : 24,000 FOOT (estimated)
- SEALER : 24,940 POUNDS (estimated)

LOCATION #6- IL 49 FROM IROQUOIS CO. LINE TO EAST CREEK

- 1) LONGITUDINAL JOINTS AND CRACKS EQUAL TO OR GREATER THAN 1/4" IN WIDTH ALONG CENTER LINE, TURN LANES, EDGE OF PAVEMENT / PARKING LANE AND OTHER PAVING JOINTS (AS DIRECTED BY THE ENGINEER) SHALL BE SEALED.
- 2) LONGITUDINAL CRACKS WITHIN THE MARKED LANES SHALL **NOT** BE SEALED.
- 3) LONGITUDINAL PAVING JOINTS, PARALLEL TO THE MAINLINE, AT SIDE ROADS AND ENTRANCES SHALL BE SEALED AS NEEDED. ALL OTHER CRACKS AT THESE LOCATIONS ARE TO BE OMITTED.
- 4) LONGITUDINAL JOINTS WITH DOUBLE CRACKS ALONG THE CENTERLINE OR ALONG THE EDGE OF PAVEMENT / SHOULDER SHALL BE SEALED AS NEEDED.
- 5) TRANSVERSE CRACKS EQUAL TO OR GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.
- 6) ROUT AND SEAL ALL TRANSVERSE CRACKS IN THE PARKING LANES IN RANKIN WITHIN PROJECT LIMITS.

APPROXIMATE QUANTITIES AT THIS LOCATION:

- LONGITUDINAL : 19,395 FOOT
- TRANSVERSE : 3,550 FOOT
- SEALER : 5,299 POUNDS

FILE NAME =	USER NAME = oarlock_d	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
o:\pwork\p\dot\oarlock_d\2014\70A32-sht-gennote.dgn	70A32-sht-gennote.dgn	DRAWN -	REVISED -			VAR.	*	VARIOUS	41	9	
	PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -			*DS CRACK & JOINT SEAL 2014-1 CONTRACT NO. 70A32					
#MCOELNAMES	PLOT DATE = 2/14/2014	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.					

SUMMARY OF QUANTITIES

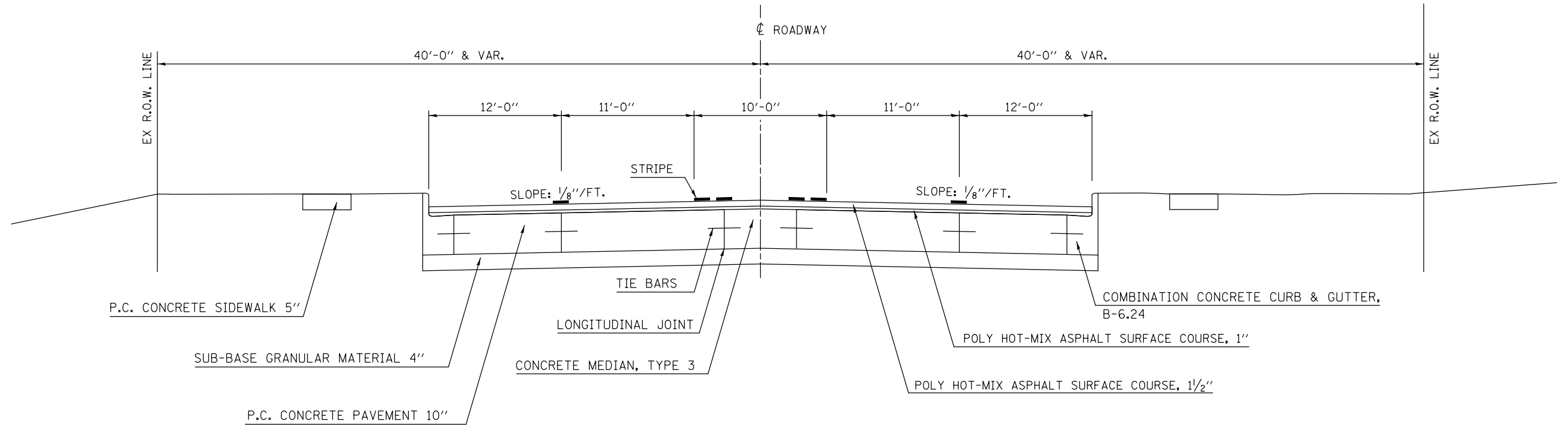
LOCATION OF WORK	1		2		1		2	
	LOCATION	LOCATION	LOCATION	LOCATION	LOCATION	LOCATION	LOCATION	
COUNTY	#1	#2	#3	#4	#5	#6		
	CHAMPAIGN	CHAMPAIGN DOUGLAS	DOUGLAS EDGAR	DOUGLAS	EDGAR	VERMILION		
	FAP 709 (US 136)	FAP 57 (I-57)	FAP 323 (US 36)	FAP 749 (ILL 133)	FAP 91 (ILL 16)	FAP 840 (ILL 49)		
FUNDING BREAKOUT	URBAN 100% STATE	RURAL 100% STATE	RURAL 100% STATE	URBAN 100% STATE	RURAL 100% STATE	RURAL 100% STATE		
CONSTRUCTION CODE	0005	0005	0005	0005	0005	0005		

CODE NO	ITEM DESCRIPTION	UNIT	TOTAL								
45100100	CRACK ROUTING (PAVEMENT)	FOOT	87,498.0	9,900.0	19,188.0	3,080.0	23,400.0	2,000.0	2,380.0	24,000.0	3,550.0
45100200	CRACK FILLING	POUND	152,342.0	5,680.0	53,922.0	34,999.0	21,580.0	2,400.0	3,522.0	24,940.0	5,299.0
67100100	MOBILIZATION	L SUM	1.0	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	10.0		8.0	2.0					
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0				0.3	0.2	0.1	0.3	0.1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1.0		0.5	0.5					
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0					0.6	0.3	0.1	
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1.0	1.0							
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0	1.0							
* 78001110	PAINT PAVEMENT MARKING - LINE 4	FOOT	133,823.0	6,763.0	40,000.0	25,368.0	5,810.0	600.0	3,608.0	46,907.0	4,767.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	6.0		3.0	3.0					
*DENOTES SPECIALTY ITEM											

**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

① LOCATION 1 (US 136) EXISTING TYPICAL CROSS SECTION

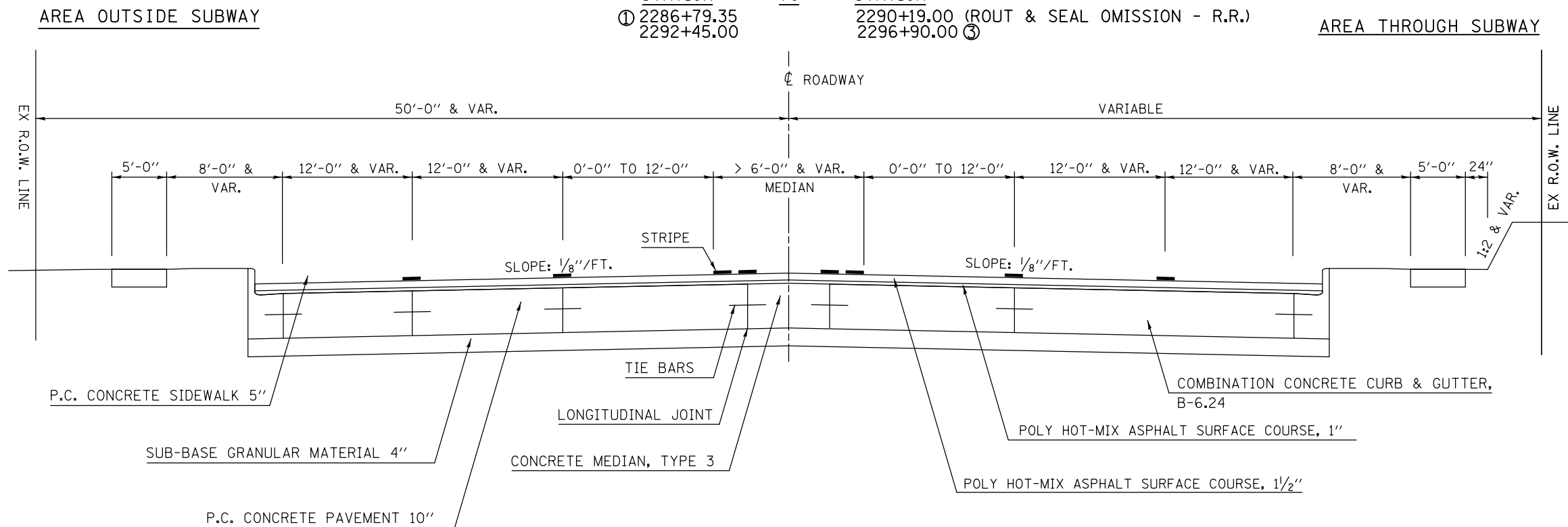
STATION TO STATION
2270+54.60 2286+79.35 ②



**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

② LOCATION 1 (US 136) EXISTING TYPICAL CROSS SECTION

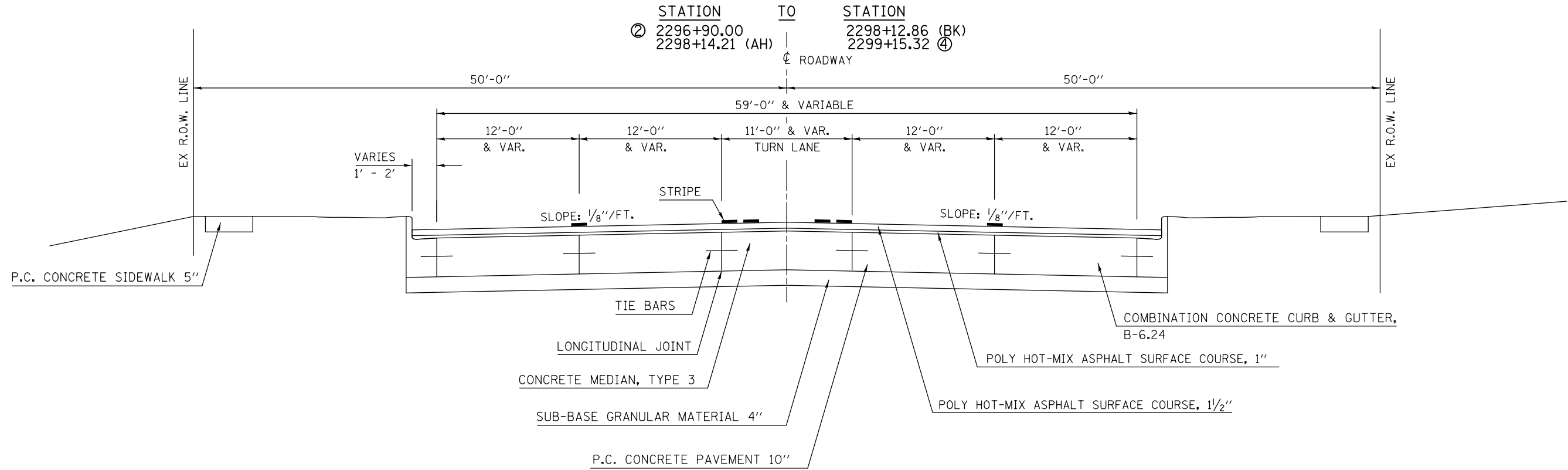
STATION TO STATION
① 2286+79.35 2292+45.00 TO 2290+19.00 (ROUT & SEAL OMISSION - R.R.) 2296+90.00 ③



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #1 (US 136)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\ceerlockjd\0381332\0570A32-sht-typicals.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					VAR.		VARIOUS	41	11
*MODELNAME#	PLOT DATE = 2/14/2014	CHECKED -	REVISED -					*D5 CRACK & JOINT SEAL 2014-1			CONTRACT NO. 70A32	
		DATE -	REVISED -					SCALE:	SHEET 1	OF 8 SHEETS	STA.	TO STA.

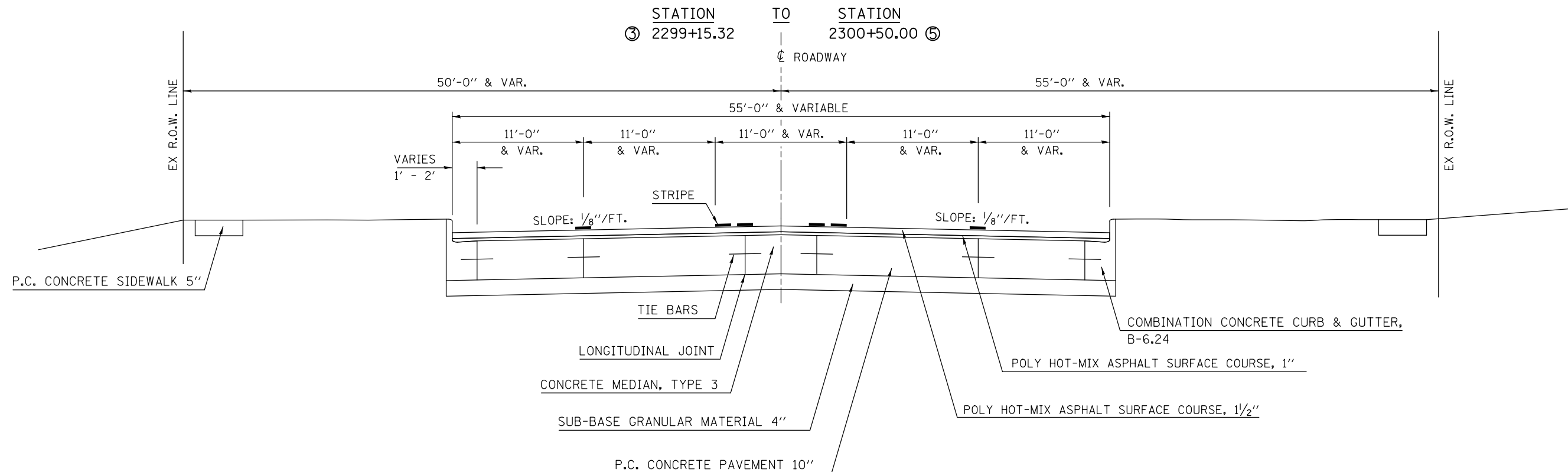
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

③ LOCATION 1 (US 136) EXISTING TYPICAL CROSS SECTION



**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

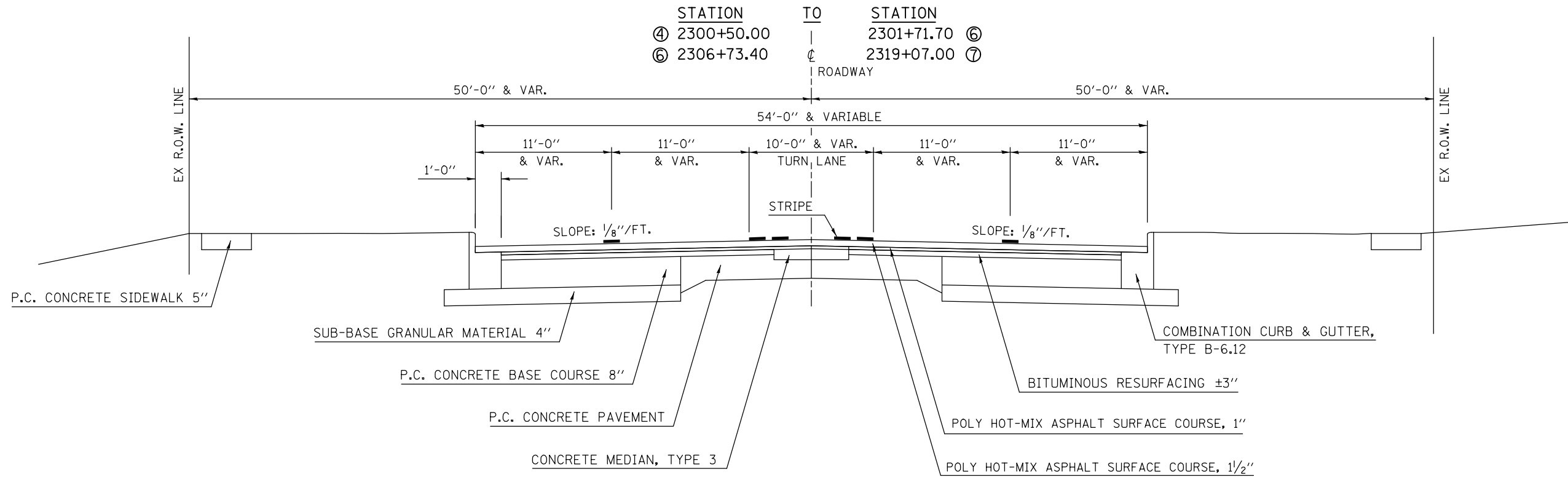
④ LOCATION 1 (US 136) EXISTING TYPICAL CROSS SECTION



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #1 (US 136)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ei:\pwork\pwork\ceerlockjd\0381332\0570A32-sht-Typicals.dgn		DRAWN -	REVISED -		SCALE:	SHEET 2	OF 8	SHEETS	STA.	TO STA.	VARIOUS	41	12
		CHECKED -	REVISED -		*D5 CRACK & JOINT SEAL 2014-1								
#MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -		CONTRACT NO. 70A32 ILLINOIS FED. AID PROJECT								

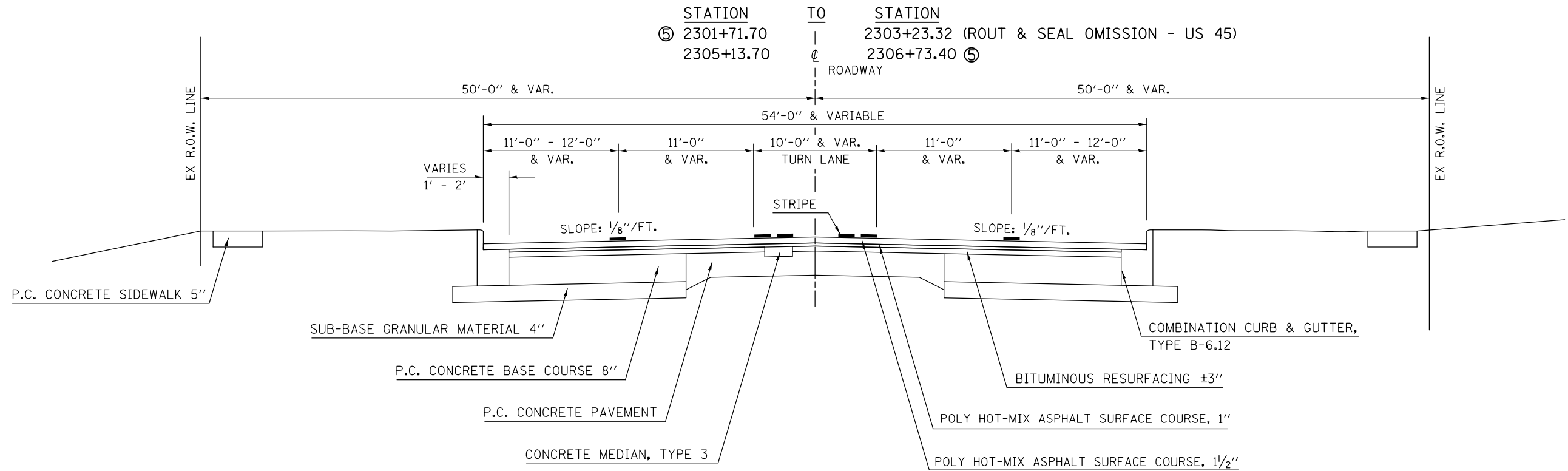
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

⑤ LOCATION 1 (US 136) EXISTING TYPICAL CROSS SECTION



**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

⑥ LOCATION 1 (US 136) EXISTING TYPICAL CROSS SECTION



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pwork\pwork\ceerlockjd\0381332\05	70A32-sht-Typicals.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

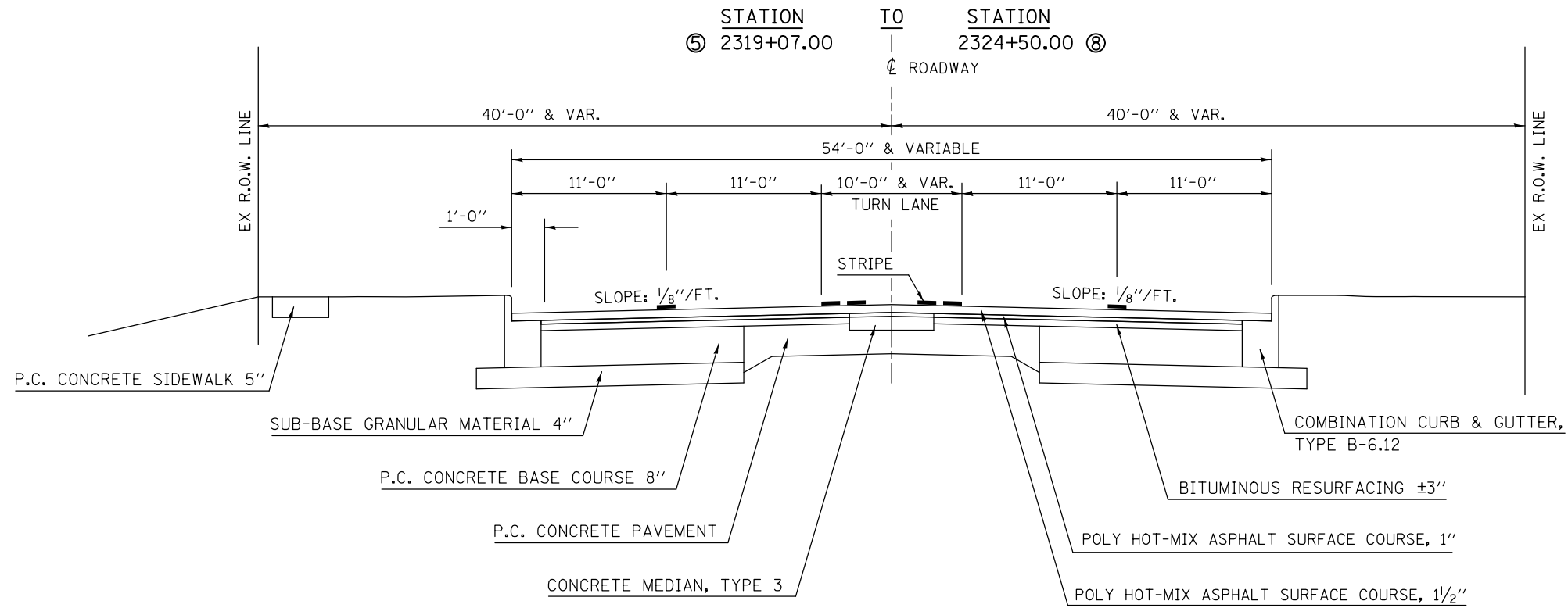
EXISTING TYPICAL CROSS SECTIONS
LOCATION #1 (US 136)

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	.	VARIOUS	41	13
*D5 CRACK & JOINT SEAL 2014-1		CONTRACT NO. 70A32		
ILLINOIS FED. AID PROJECT				

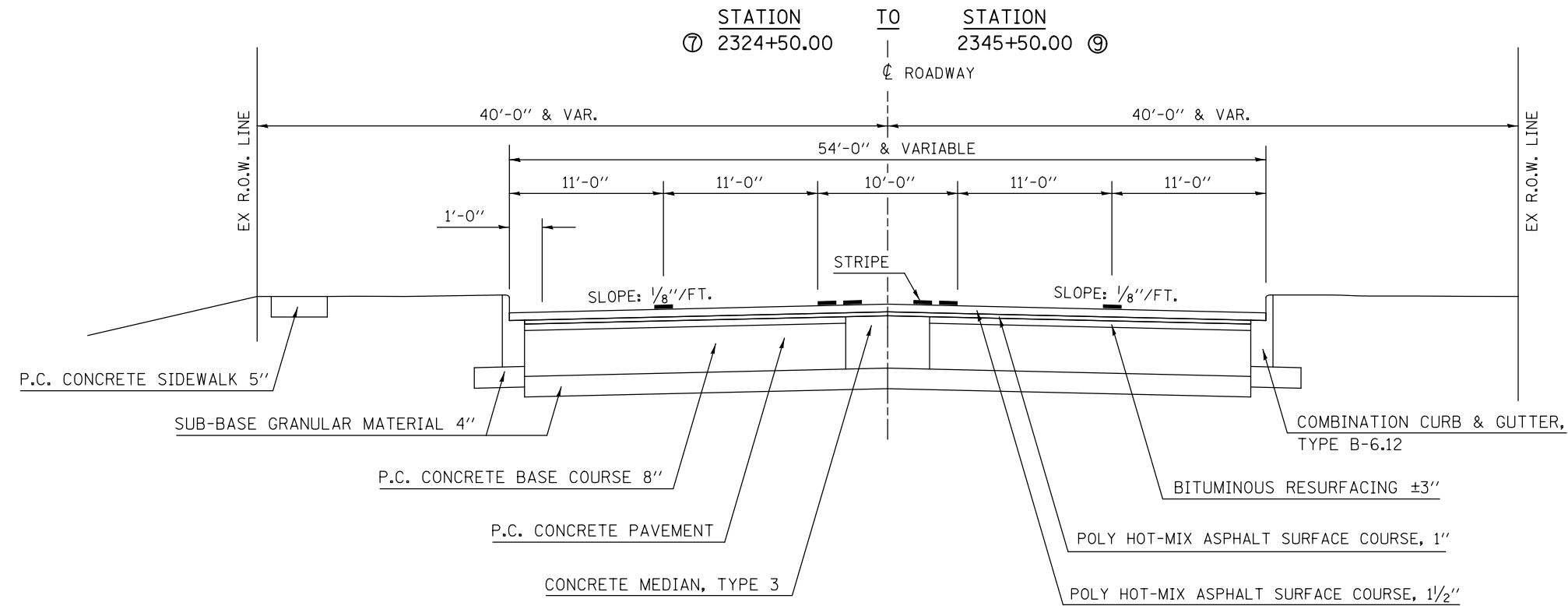
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

⑦ LOCATION 1 (US 136) EXISTING TYPICAL CROSS SECTION



**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

⑧ LOCATION 1 (US 136) EXISTING TYPICAL CROSS SECTION



FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -
ei:\pwork\pwork\ceorlockjd\0381332\05	70A32-shr-typicals.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

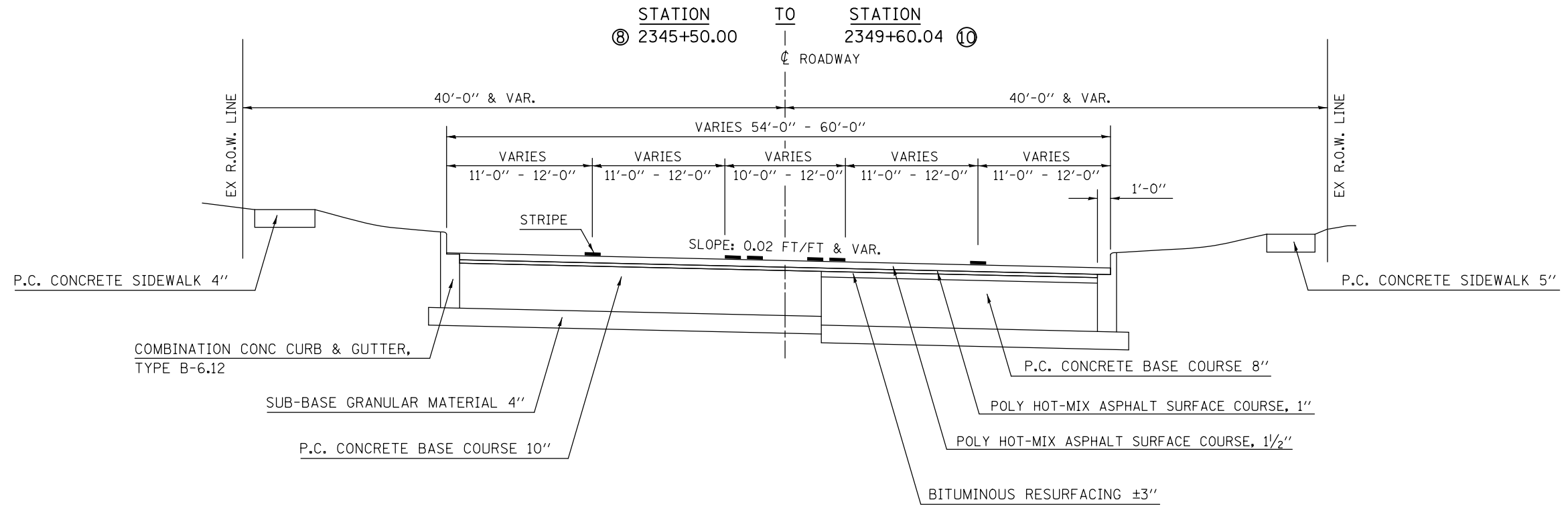
EXISTING TYPICAL CROSS SECTIONS
LOCATION #1 (US 136)

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		VARIOUS	41	14
•D5 CRACK & JOINT SEAL 2014-1		CONTRACT NO. 70A32		
ILLINOIS FED. AID PROJECT				

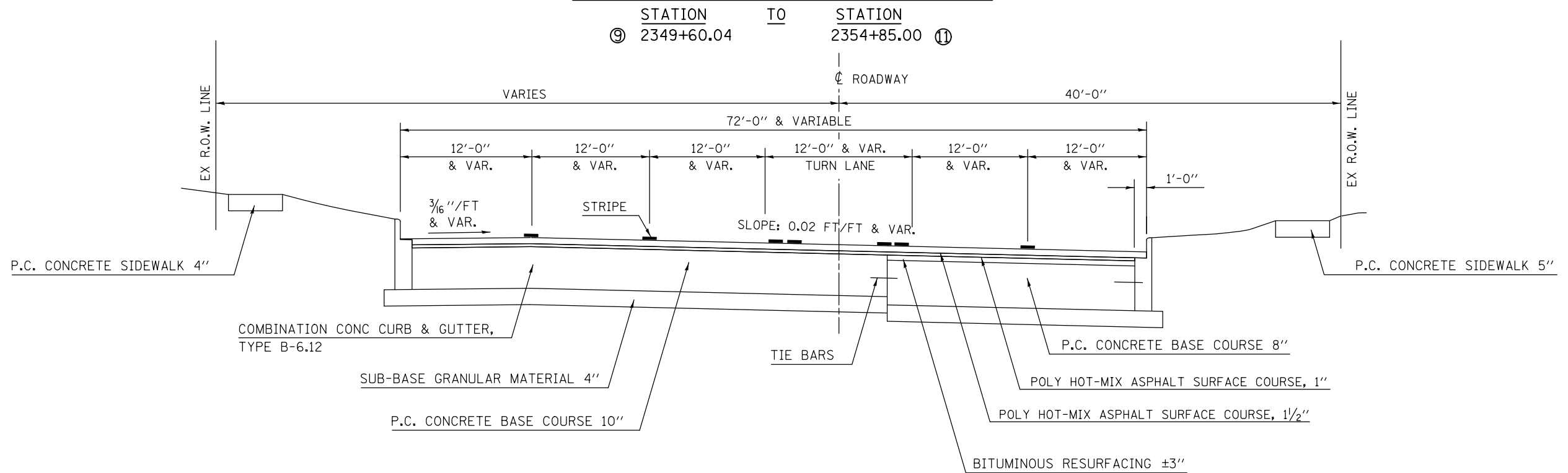
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

**⑨ LOCATION 1 (US 136)
EXISTING TYPICAL CROSS SECTION**



**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

**⑩ LOCATION 1 (US 136)
EXISTING TYPICAL CROSS SECTION**



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pwork\pwork\ceerlockjd\0381332\09	70A32-sht-Typicals.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

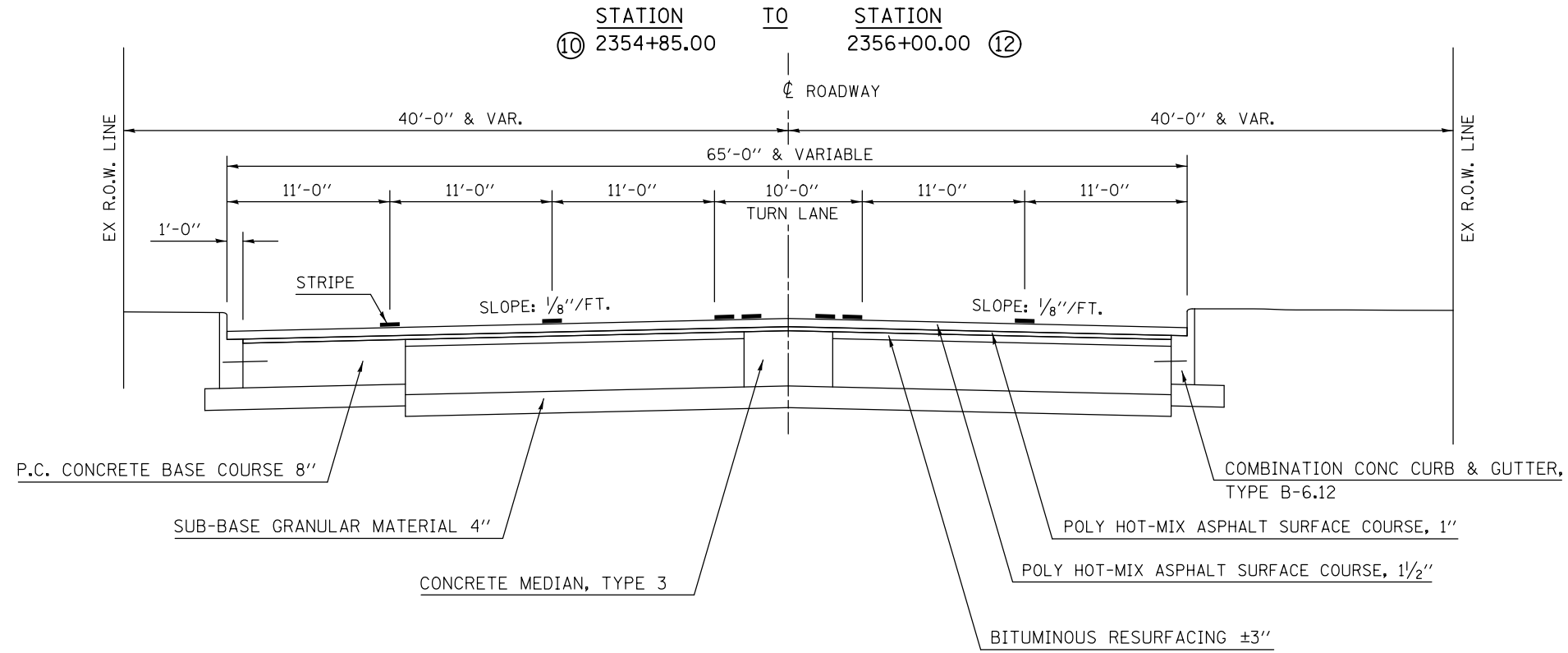
EXISTING TYPICAL CROSS SECTIONS
LOCATION #1 (US 136)

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		VARIOUS	41	15
•D5 CRACK & JOINT SEAL 2014-1			CONTRACT NO. 70A32	
ILLINOIS FED. AID PROJECT				

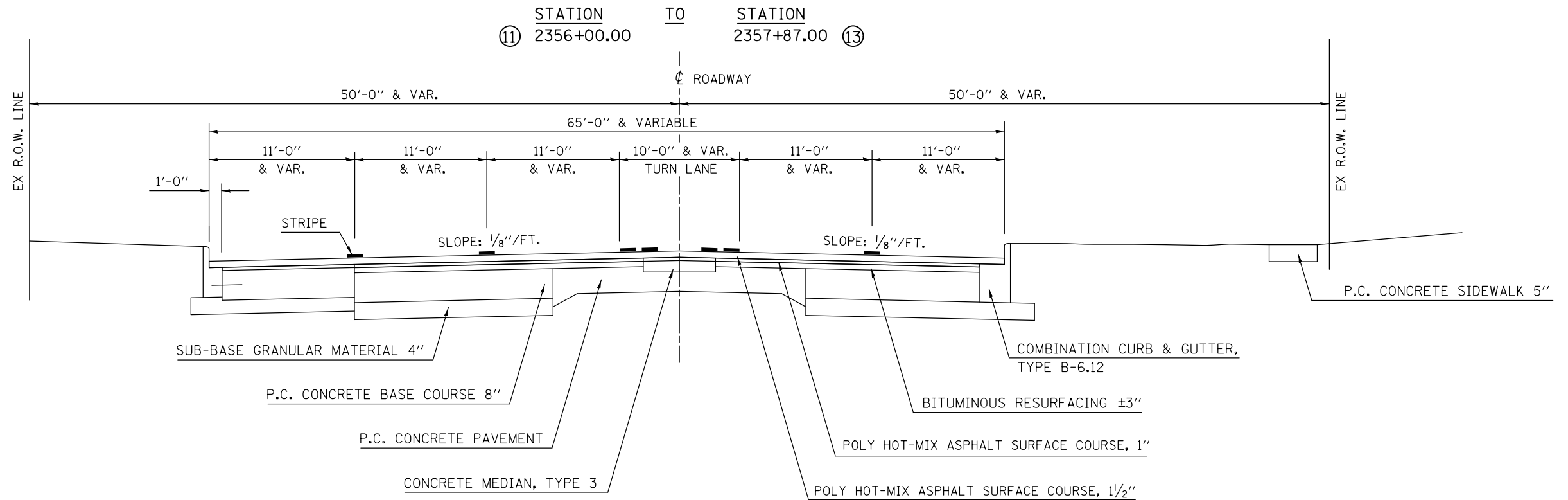
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

11 LOCATION 1 (US 136) EXISTING TYPICAL CROSS SECTION



**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

12 LOCATION 1 (US 136) EXISTING TYPICAL CROSS SECTION



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pwork\pwork\ceerlockjd\0381332\09	70A32-sht-Typicals.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

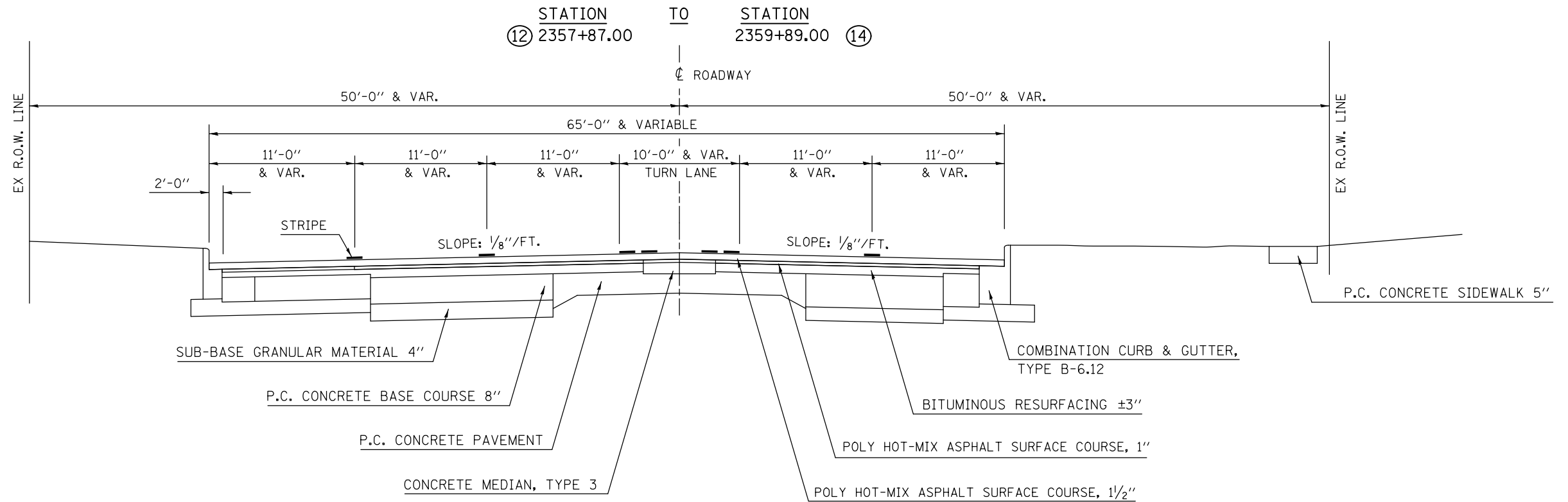
EXISTING TYPICAL CROSS SECTIONS
LOCATION #1 (US 136)

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	.	VARIOUS	41	16
*D5 CRACK & JOINT SEAL 2014-1		CONTRACT NO. 70A32		
ILLINOIS FED. AID PROJECT				

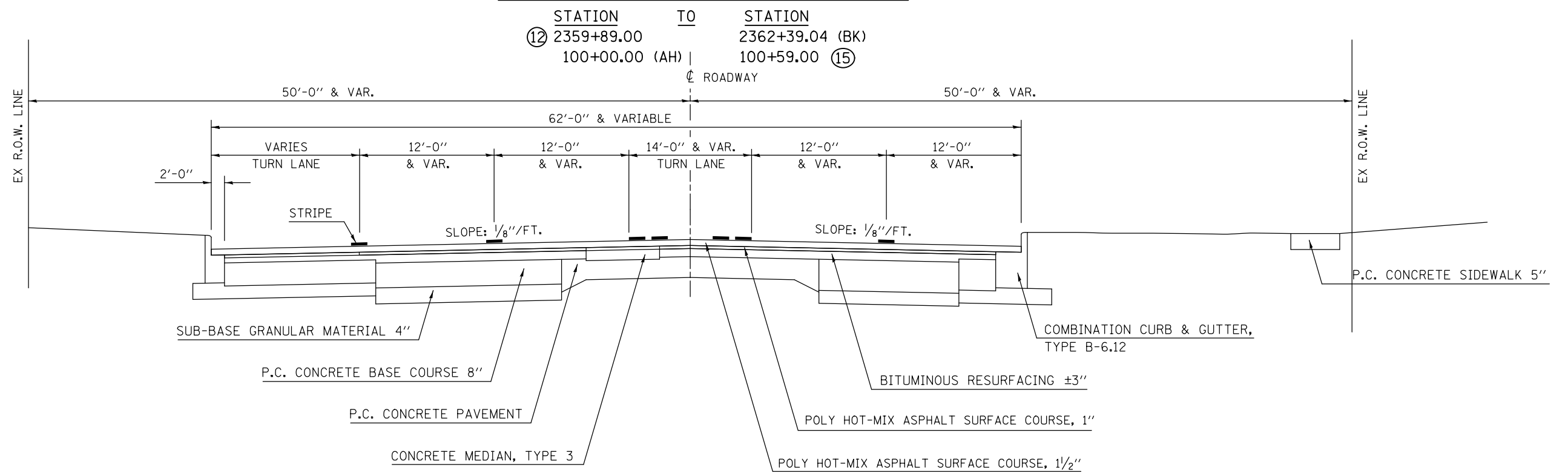
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

13 LOCATION 1 (US 136)
EXISTING TYPICAL CROSS SECTION



**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

14 LOCATION 1 (US 136)
EXISTING TYPICAL CROSS SECTION



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pwork\pwork\ceerlockjd\0381332\09	70A32-sht-typicals.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #1 (US 136)

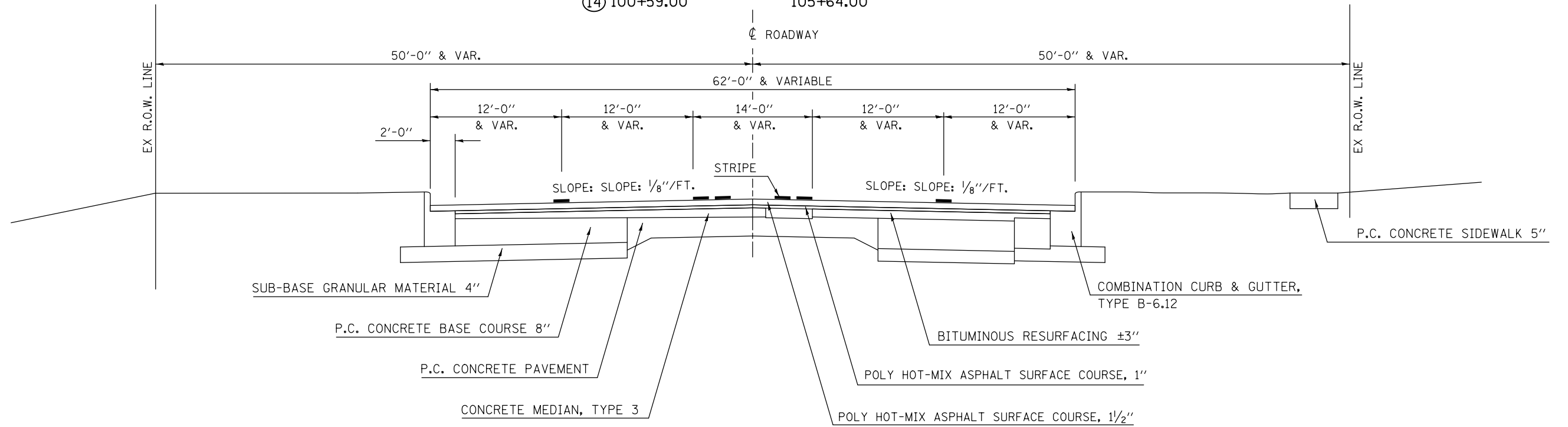
SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		VARIOUS	41	17
*D5 CRACK & JOINT SEAL 2014-1			CONTRACT NO. 70A32	
ILLINOIS FED. AID PROJECT				

**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

15 **LOCATION 1 (US 136)**
EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 14 100+59.00 105+64.00



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
c:\pwwork\pwwork\ceerlockjd\0381332\03	70A32-sht-Typical.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 2/14/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #1 (US 136)

SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	41	18
*D5 CRACK & JOINT SEAL 2014-1			CONTRACT NO. 70A32	
ILLINOIS FED. AID PROJECT				

**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

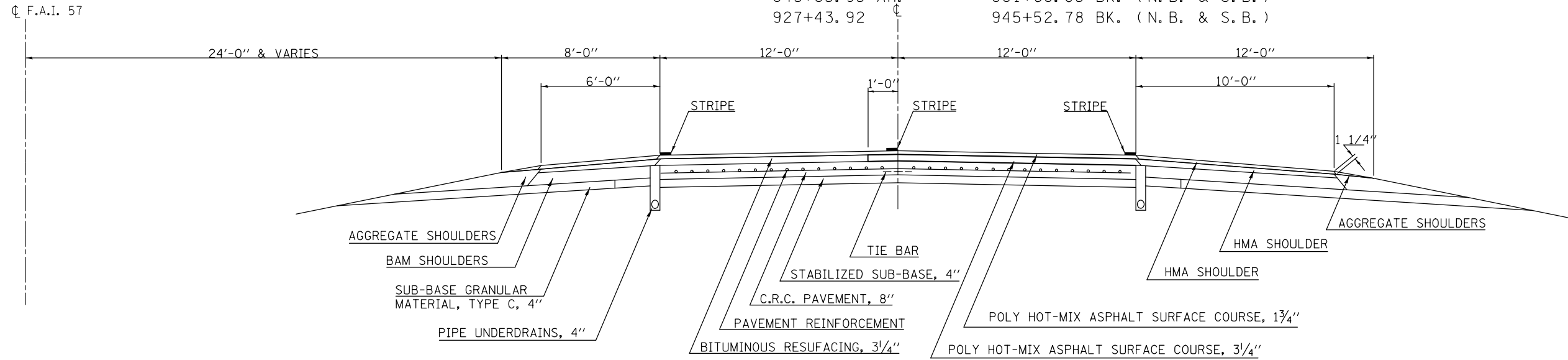
①

LOCATION 2 (F.A.I. 57)
EXISTING TYPICAL CROSS SECTION

STATION	TO	STATION
547+01.25 AH.		575+43.68 BK. (N. B. & S. B.)
575+43.98 AH.		687+00.00 BK. (N. B. & S. B.)
687+03.30 AH.		736+24.61 BK. (N. B. & S. B.)
736+26.41 AH.		791+00.00 BK. (N. B. & S. B.) ②
② 791+02.19 AH.		843+84.01 BK. (N. B. & S. B.) ③
843+85.95 AH.		881+68.05 BK. (N. B. & S. B.)
927+43.92		945+52.78 BK. (N. B. & S. B.)

ROUT & SEAL OMISSIONS:

NB SN 021-2008	STA. 552+92.12 TO STA. 556+91.12
SB SN 021-2009	STA. 552+92.12 TO STA. 556+91.12
NB SN 021-0010	STA. 560+45.13 TO STA. 563+05.65
SB SN 021-0011	STA. 560+95.13 TO STA. 563+55.29
NB SN 021-0200	STA. 938+49.13 TO STA. 942+86.00
SB SN 021-0201	STA. 937+82.50 TO STA. 942+18.30

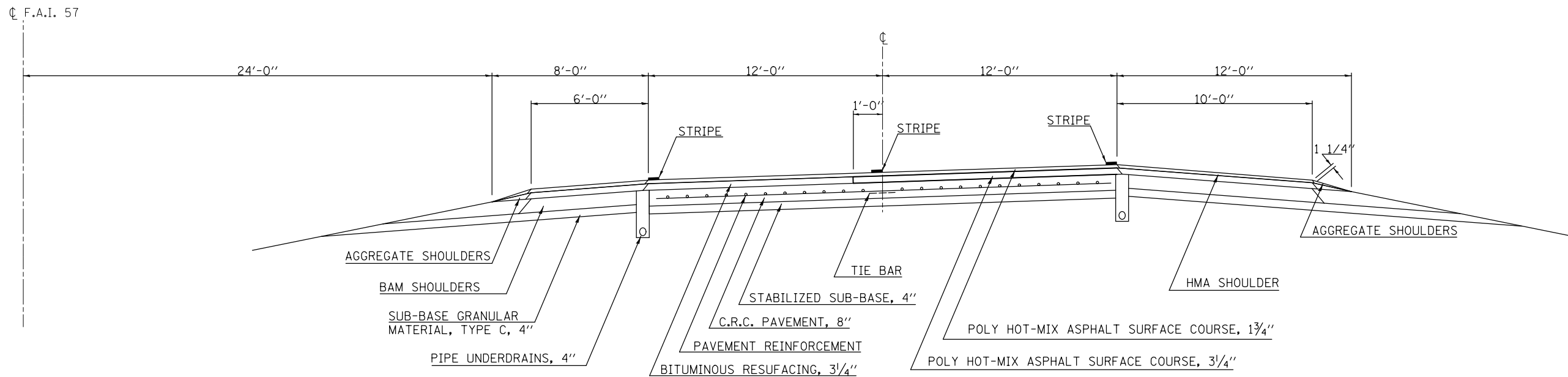


**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

②

LOCATION 2 (F.A.I. 57)
EXISTING TYPICAL CROSS SECTION

STATION	TO	STATION
① 881+68.75 AH.		927+43.92 (N. B. & S. B.) ①



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #2 (I-57)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pwork\pwork\ceerlockjd\0381332\0370A32-sht-typicals.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					VAR.		VARIOUS	41	19
*MODELNAME#	PLOT DATE = 2/14/2014	CHECKED -	REVISED -		SCALE:	SHEET 1	OF 5 SHEETS	STA.	TO STA.	CONTRACT NO. 70A32		
		DATE -	REVISED -							ILLINOIS FED. AID PROJECT		

**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

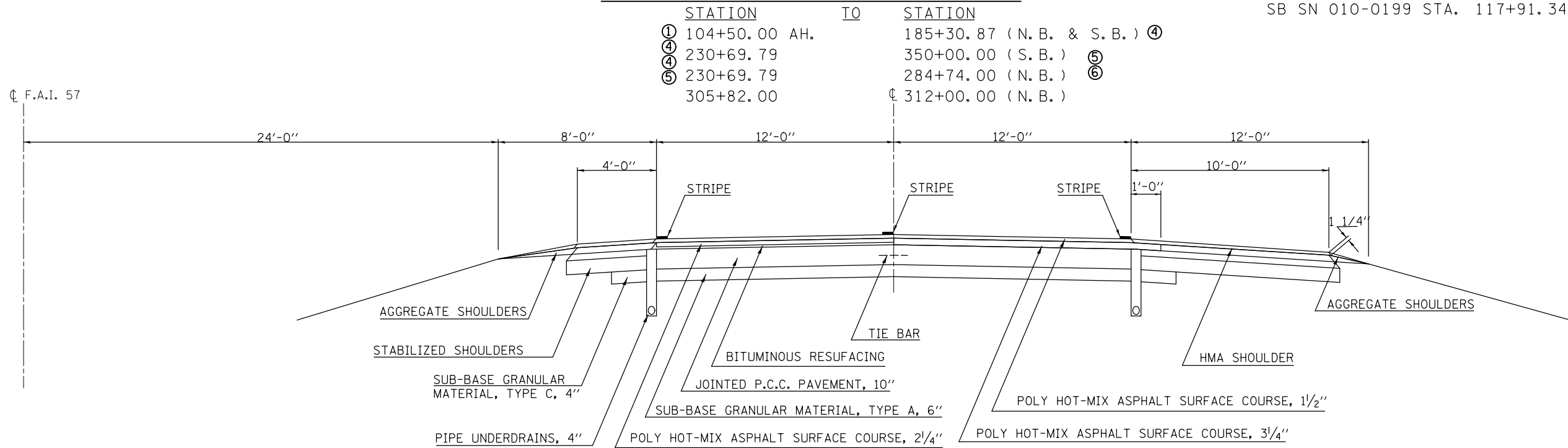
③

LOCATION 2 (F.A.I. 57)
EXISTING TYPICAL CROSS SECTION

ROUT & SEAL OMISSIONS:

NB SN 010-0198 STA. 117+83.61 TO 119+05.37

SB SN 010-0199 STA. 117+91.34 TO 119+13.10



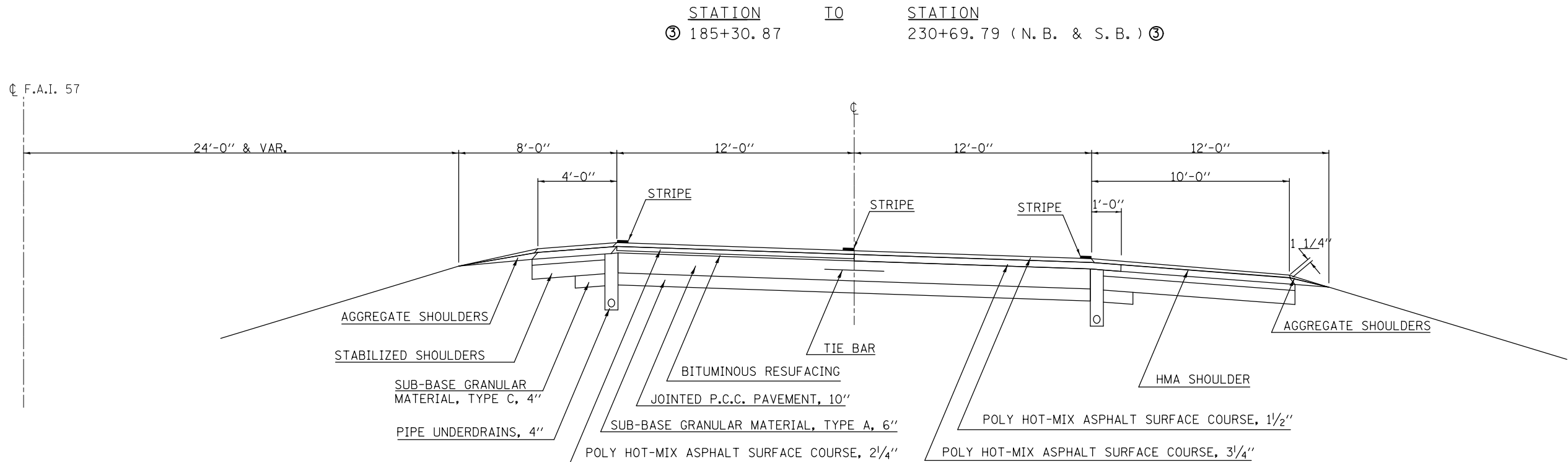
STATION	TO	STATION
① 104+50.00 AH.		185+30.87 (N. B. & S. B.) ④
④ 230+69.79		350+00.00 (S. B.) ⑤
⑤ 230+69.79		284+74.00 (N. B.) ⑥
305+82.00		③ 312+00.00 (N. B.)

**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

④

LOCATION 2 (F.A.I. 57)
EXISTING TYPICAL CROSS SECTION

STATION	TO	STATION
③ 185+30.87		230+69.79 (N. B. & S. B.) ③

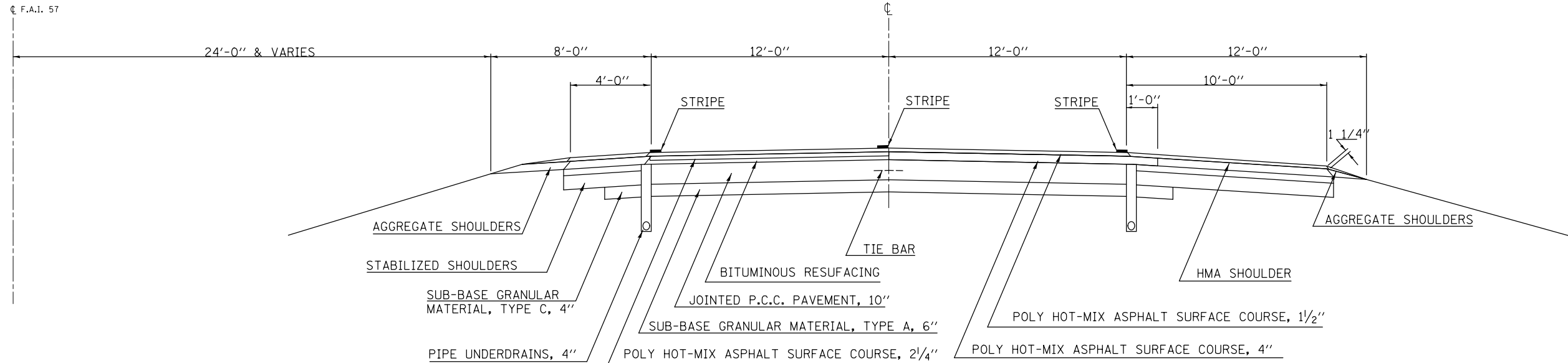


FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #2 (I-57)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ei:\pwork\pwork\ceerlockjd\0381332\0381332.dgn	70A32-sht-Typicals.dgn	DRAWN -	REVISED -					VAR.			41	20	
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE:			SHEET 2	OF 5 SHEETS	STA.	TO STA.	CONTRACT NO. 70A32	
#MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

⑤ LOCATION 2 (F.A.I. 57)
EXISTING TYPICAL CROSS SECTION

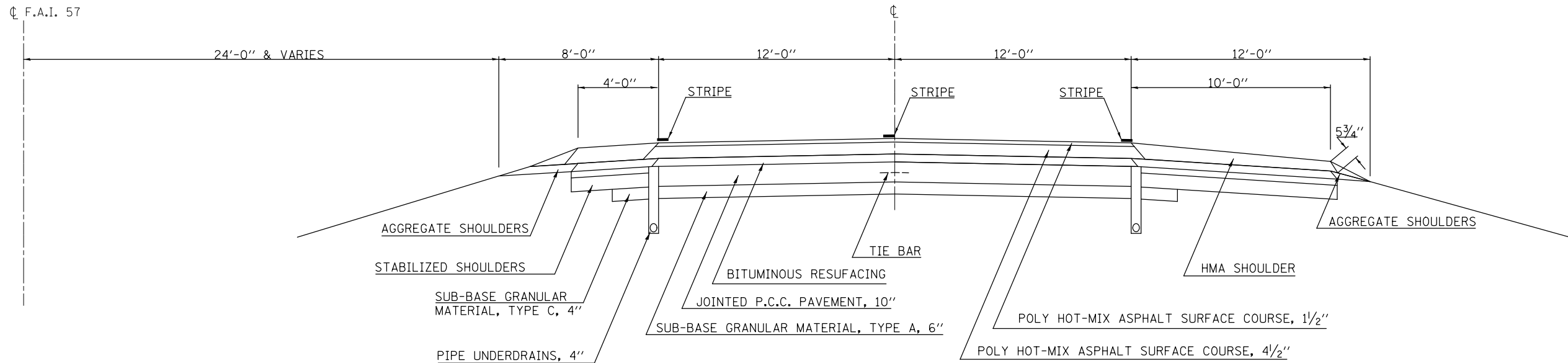
STATION TO STATION
 ③ 284+74.00 TO 305+82.00 (N. B.) ③



**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

⑥ LOCATION 2 (F.A.I. 57)
EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 ③ 312+00.00 TO 323+95.00 (N. B.) ①



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pwork\pwork\ceerlockjd\0381332\05	70A32-sht-Typicals.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
 LOCATION #2 (I-57)

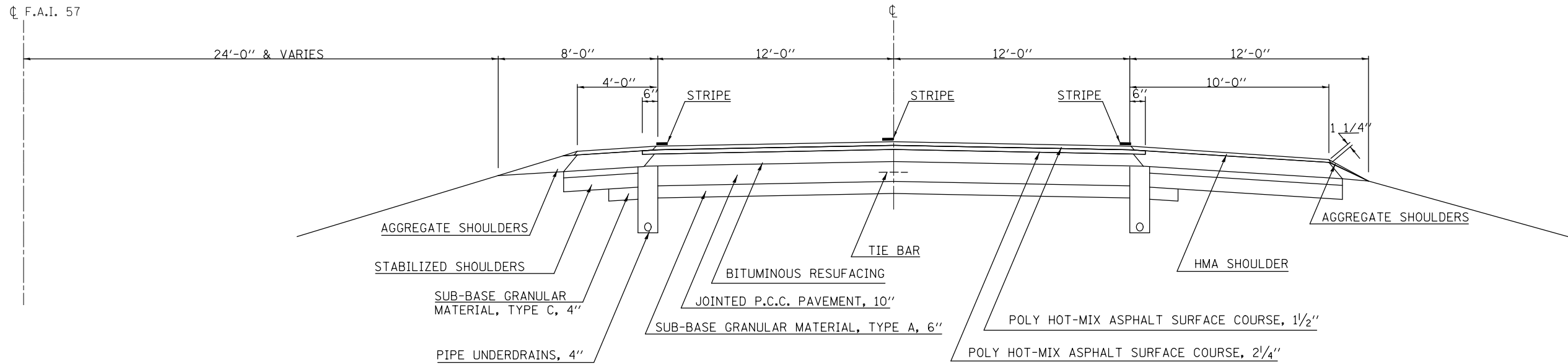
SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	•	VARIOUS	41	21
•D5 CRACK & JOINT SEAL 2014-1		CONTRACT NO. 70A32		
ILLINOIS FED. AID PROJECT				

**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

⑦ LOCATION 2 (F.A.I. 57)
EXISTING TYPICAL CROSS SECTION

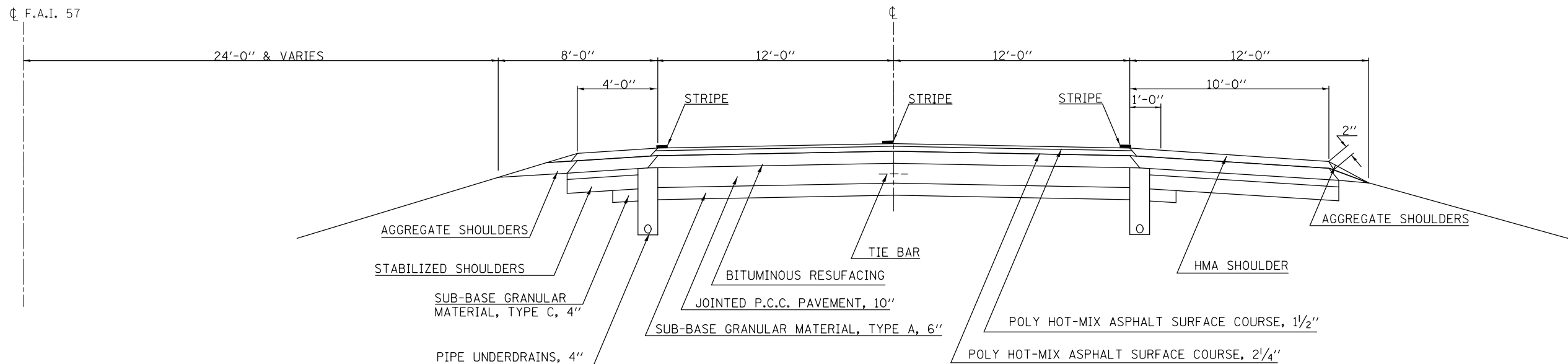
STATION TO STATION
 ⑥ 323+95.00 341+95.00 (N. B.) ⑧



**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

⑧ LOCATION 2 (F.A.I. 57)
EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 ⑦ 341+95.00 350+00.00 (N. B.)



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pwork\pwork\ceerlockjd\0381332\08	70A32-sht-typicals.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
 LOCATION #2 (I-57)

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	•	VARIOUS	41	22
•D5 CRACK & JOINT SEAL 2014-1		CONTRACT NO. 70A32		
ILLINOIS FED. AID PROJECT				

**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

9 LOCATION 2 (F.A.I. 57 & U.S. RTE. 45 INTERCHANGE RAMPS)
EXISTING TYPICAL CROSS SECTION

* HMA SURFACE REMOVAL, 2 1/2 "

RAMP CB STA. 8+14.67 TO STA. 29+85.03
 RAMP BD STA. 0+00.00 TO STA. 6+79.71
 RAMP DA STA. 69+06.41 TO STA. 9+49.95
 RAMP AC 0+00.00 TO STA. STA. 6+72.59

STATION EQUATIONS

RAMP CB - STA. 30+44.39(BK) =
 STA. 0+00.00(AH)
 RAMP BD - STA. 6+72.59(BK) =
 STA. 46+72.59(AH)
 RAMP DA - STA. 70+30.33(BK) =
 STA. 0+00.00(AH)

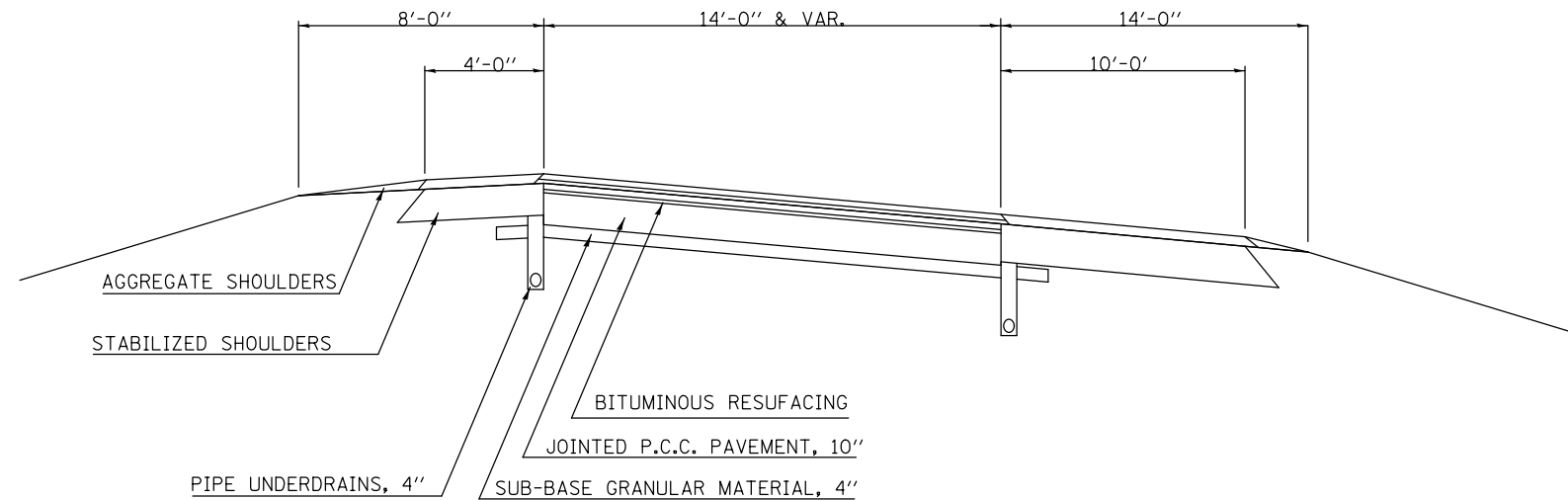
STATION	TO	STATION
(RAMP CB) 20+00.00		30+44.39 (BK)
(RAMP CB) 0+00.00 (AH)		9+49.95
(RAMP BD) 0+00.00		6+72.59 (BK)
(RAMP BD) 46+72.59 (AH)		55+48.22
(RAMP AC) 0+00.00		15+48.22
(RAMP DA) 60+00.00		70+30.33 (BK)
(RAMP DA) 0+00.00 (AH)		9+49.95

* POLY HMA BC, IL19.0, N105 (280 LBS/SQ YD)

RAMP CB STA. 8+14.67 TO STA. 29+85.03
 RAMP BD STA. 0+00.00 TO STA. 6+79.71
 RAMP DA STA. 69+06.41 TO STA. 9+49.95
 RAMP AC 0+00.00 TO STA. STA. 6+72.59

* POLY HMA SC "D" N105 (168 LBS/SQ YD)

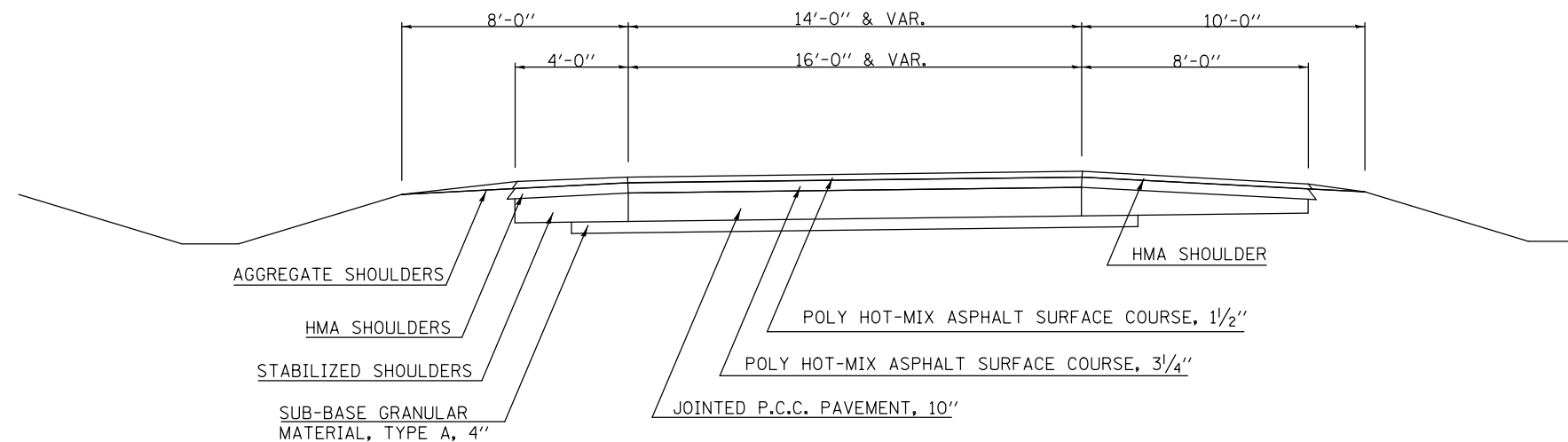
RAMP CB STA. 8+14.67 TO STA. 29+85.03
 RAMP BD STA. 0+00.00 TO STA. 6+79.71
 RAMP DA STA. 69+06.41 TO STA. 9+49.95
 RAMP AC 0+00.00 TO STA. STA. 6+72.59



**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

10 LOCATION 2 (F.A.I. 57 NB/SB REST AREA RAMPS)
EXISTING TYPICAL CROSS SECTION

STATION	TO	STATION
(NB ENTR RMP) 184+27.52		191+73.60
(NB EXIT RMP) 208+27.29		220+28.13
(SB EXIT RMP) 118+75.85		132+10.35
(SB ENTR RMP) 147+69.00		155+00.00



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pwwork\pwwork\ceerlockjd\0381332\05	70A32-sht-typical.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

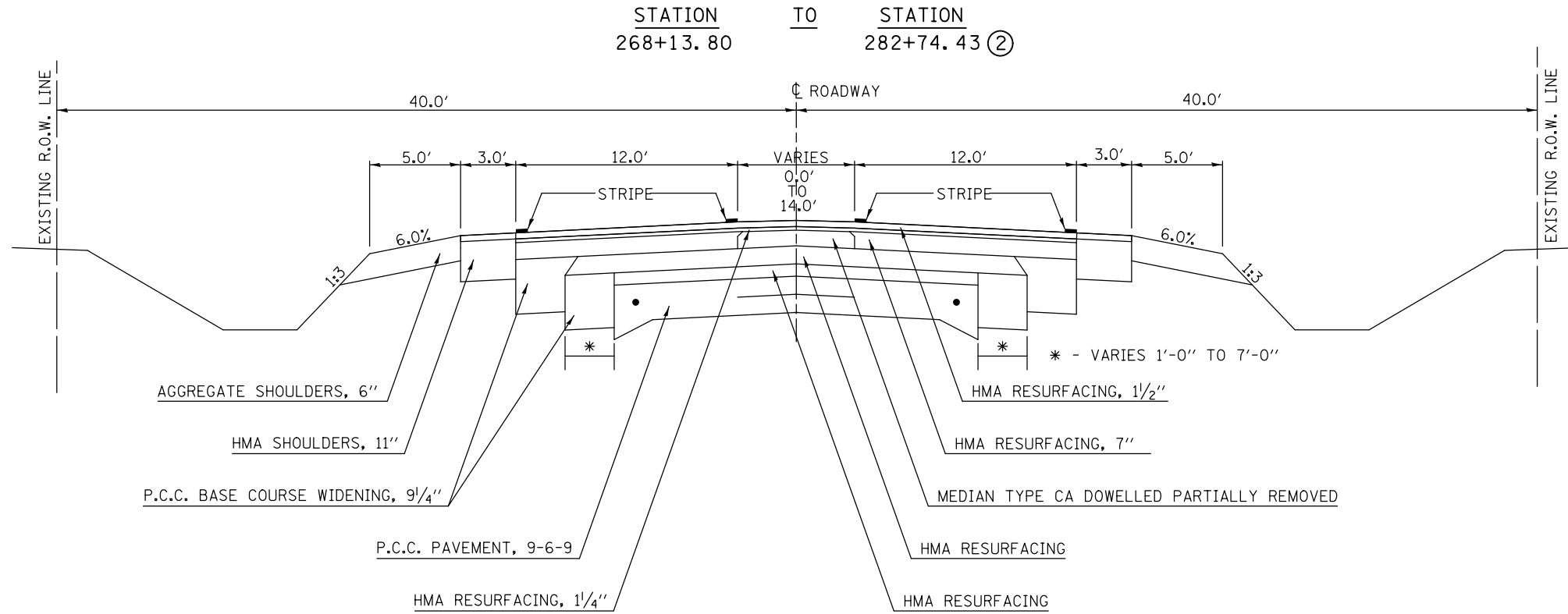
EXISTING TYPICAL CROSS SECTIONS
 LOCATION #2 (I-57)

SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		VARIOUS	41	23
*D5 CRACK & JOINT SEAL 2014-1			CONTRACT NO. 70A32	
ILLINOIS FED. AID PROJECT				

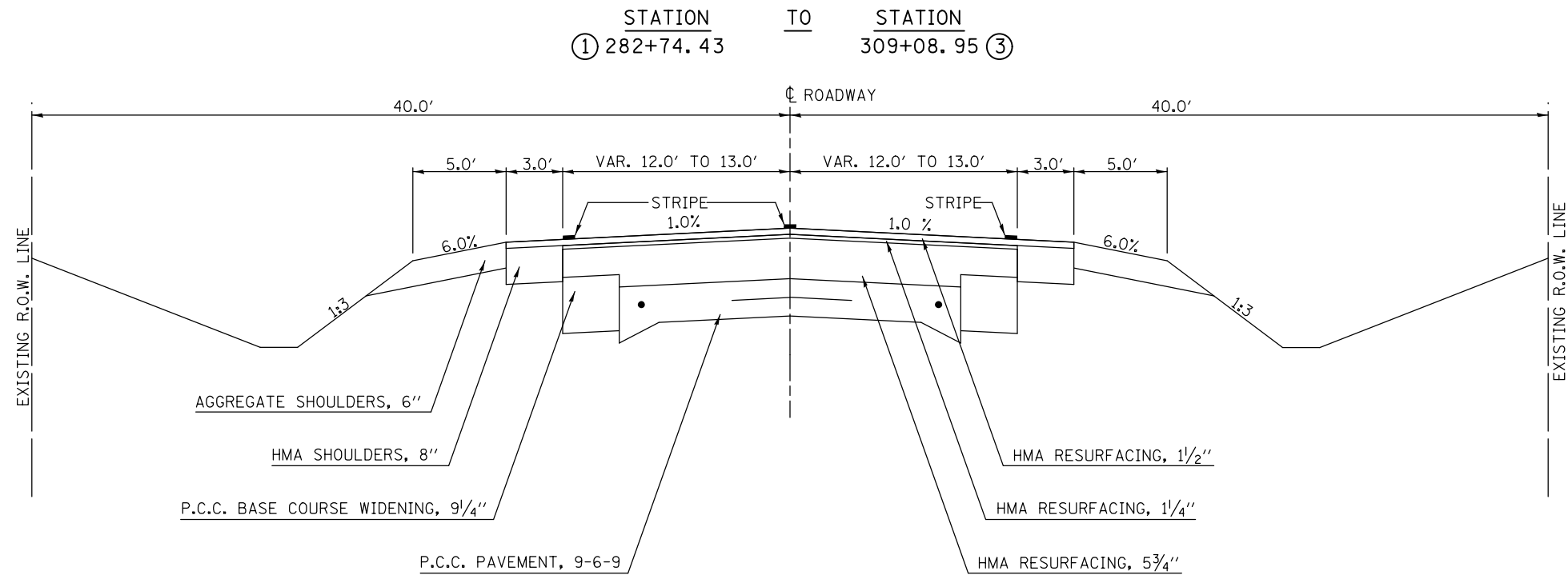
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

① LOCATION 3 (US 36) EXISTING TYPICAL CROSS SECTION



**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

② LOCATION 3 (US 36) EXISTING TYPICAL CROSS SECTION



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ci:\pw\work\p\dot\ceerlockjd\0381332\05	70A32-sht-Typicals.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 2/14/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

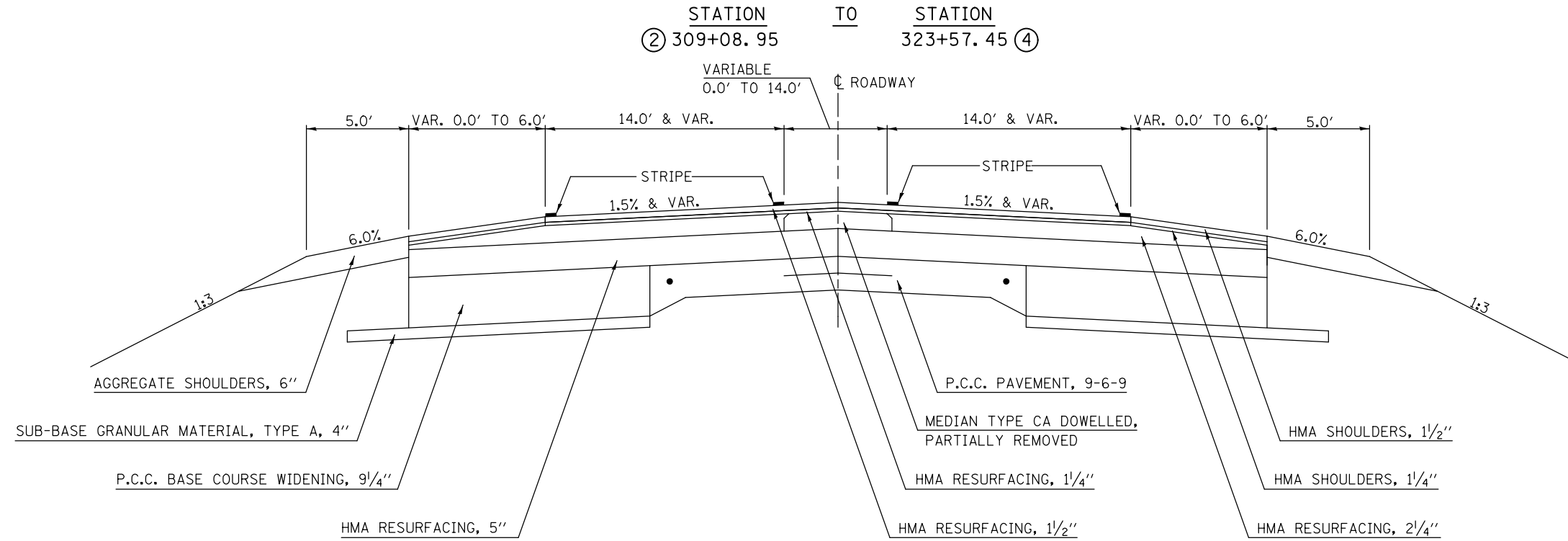
**EXISTING TYPICAL CROSS SECTIONS
LOCATION #3 (US 36)**

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	•	VARIOUS	41	24
*D5 CRACK & JOINT SEAL 2014-1			CONTRACT NO. 70A32	
ILLINOIS FED. AID PROJECT				

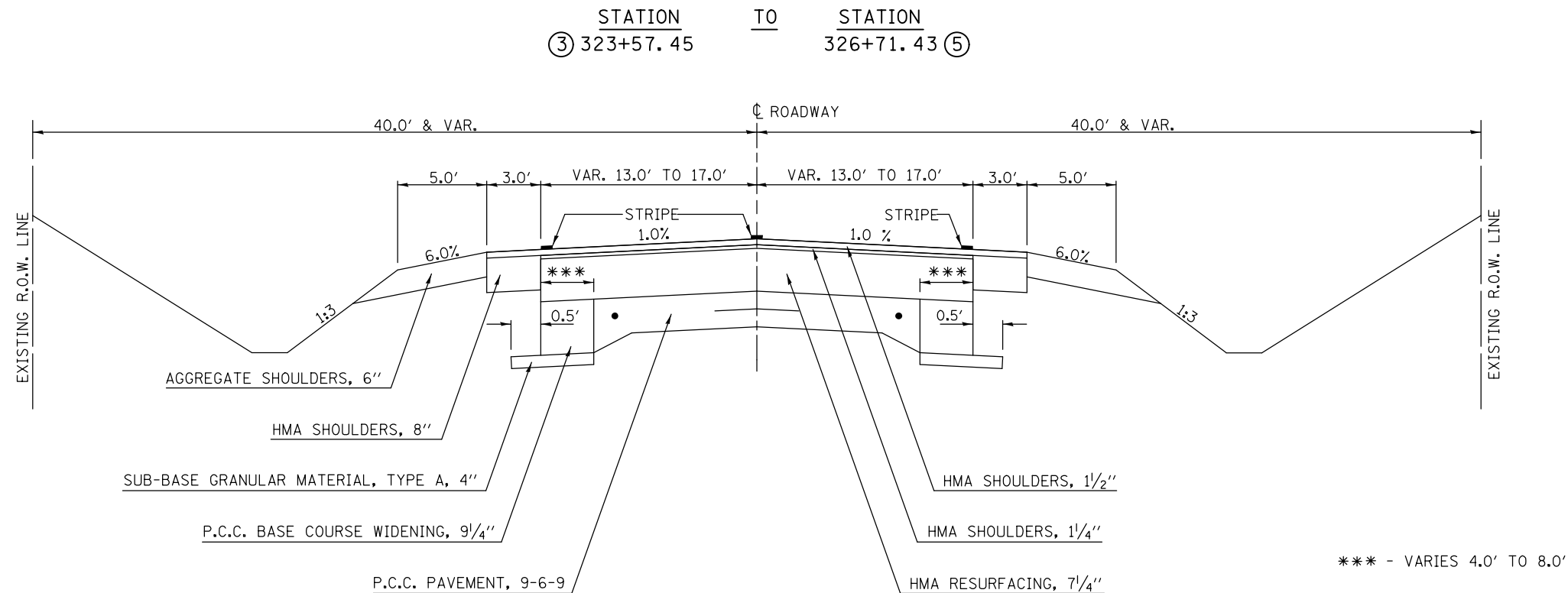
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

③ LOCATION 3 (US 36) EXISTING TYPICAL CROSS SECTION



**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

④ LOCATION 3 (US 36) EXISTING TYPICAL CROSS SECTION



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pw\work\p\dot\ceerlockjd\0381332\08	70A32-sht-Typicals.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #3 (US 36)

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

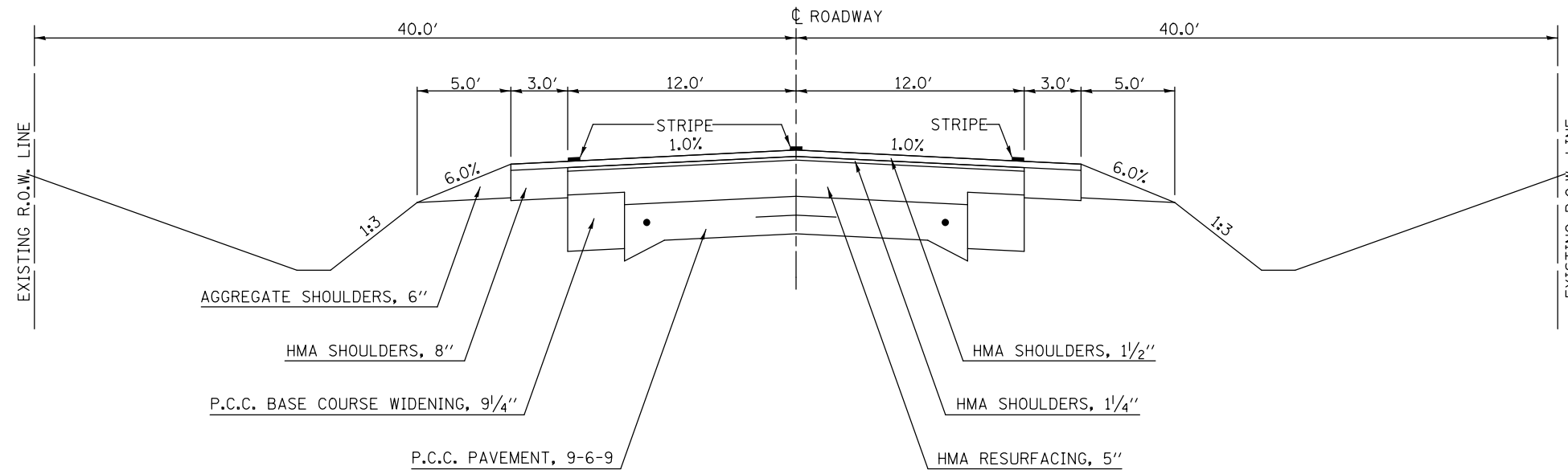
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	.	VARIOUS	41	25
•D5 CRACK & JOINT SEAL 2014-1		CONTRACT NO. 70A32		
ILLINOIS FED. AID PROJECT				

**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

⑤ LOCATION 3 (US 36) EXISTING TYPICAL CROSS SECTION

STATION	TO	STATION
④ 326+71.43		748+77.79 ⑥
⑥ 768+83.70		773+04.63 ⑦

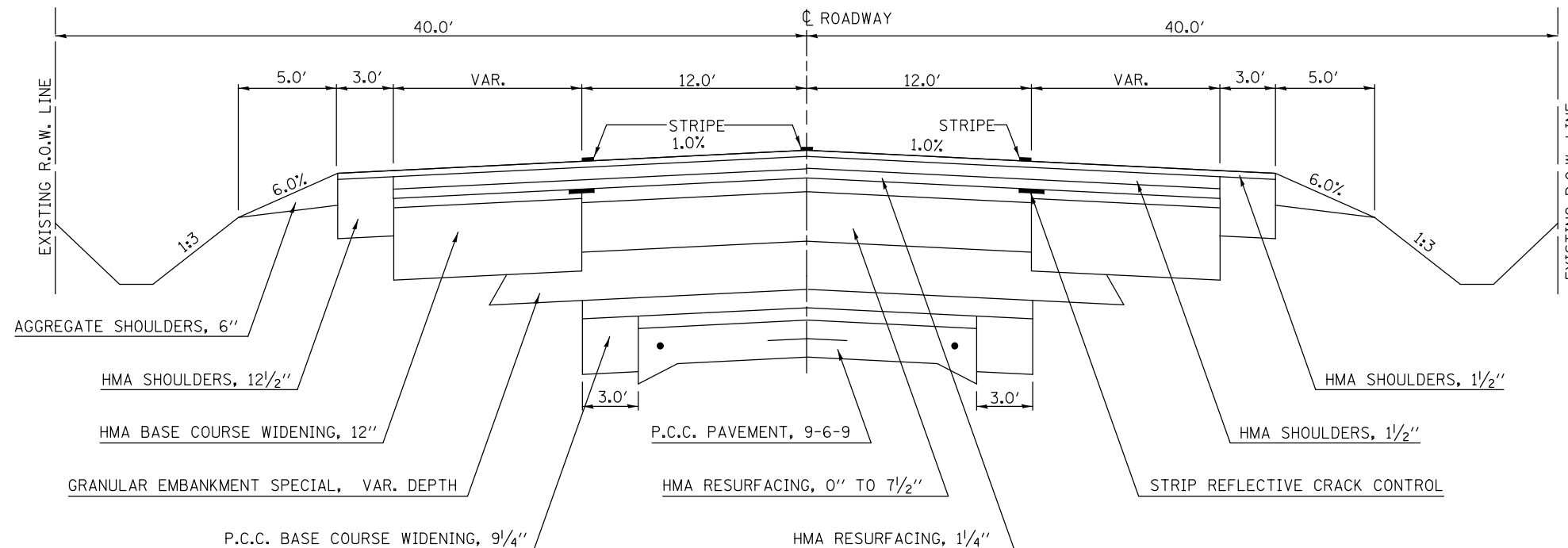
ROUT & SEAL OMISSIONS:
 SN 021-2018 STA. 493+78.43 TO STA. 494+89.57
 SN 021-8021 STA. 502+88.00 TO STA. 503+12.00
 SN 021-0050 STA. 517+81.00 TO STA. 519_03.00
 SN 021-8022 STA. 557+64.00 TO STA. 557+98.00
 SN 021-2022 STA. 677+38.26 TO STA. 678+45.74
 SN 021-8024 STA. 719+36.00 TO STA. 719+64.00



**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

⑥ LOCATION 3 (US 36) EXISTING TYPICAL CROSS SECTION

STATION	TO	STATION
⑤ 748+77.79		768+83.70 ⑤



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #3 (US 36)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\ceerlockjd\0381332\03	70A32-sht-Typicals.dgn	DRAWN -	REVISED -			VAR.		VARIOUS	41	26
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			*DS CRACK & JOINT SEAL 2014-1		CONTRACT NO. 70A32		
*MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -			SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

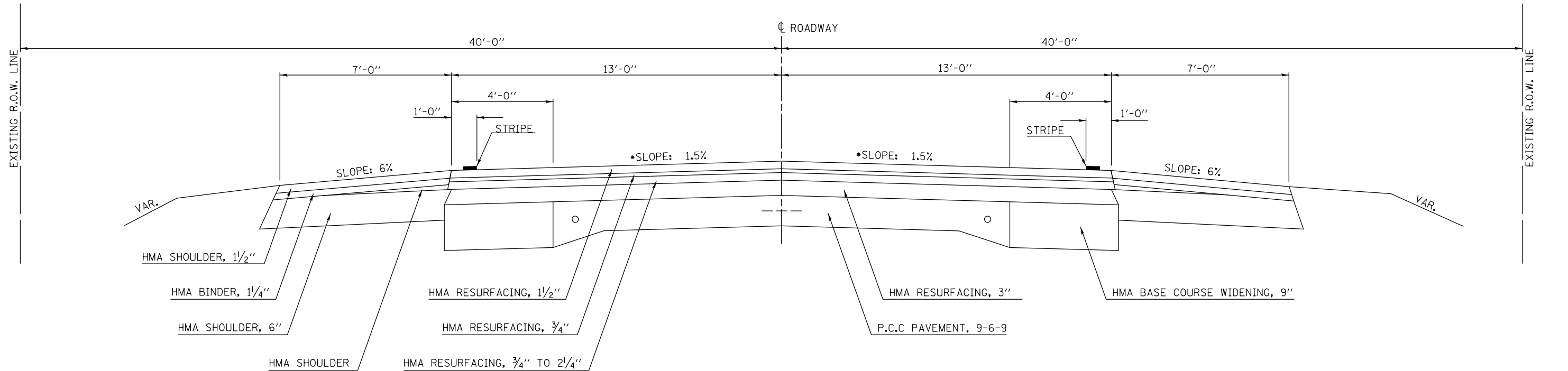
①

LOCATION 4 (IL 133)
EXISTING TYPICAL CROSS SECTION

STATION TO STATION
0+14.00 1+37.00

* SUPER ELEVATION & SHOULDER SLOPE RATES

STATION	TO STATION	S.E.	LT. SHOULDER SLOPE	RT. SHOULDER SLOPE
0+08.30	4+27.71	4.2%	4.2%	4.2%

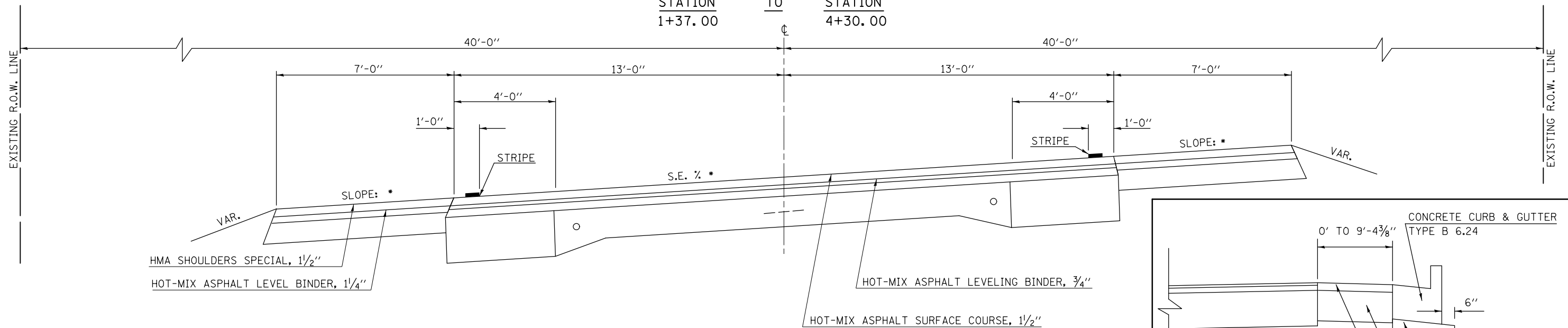


**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

②

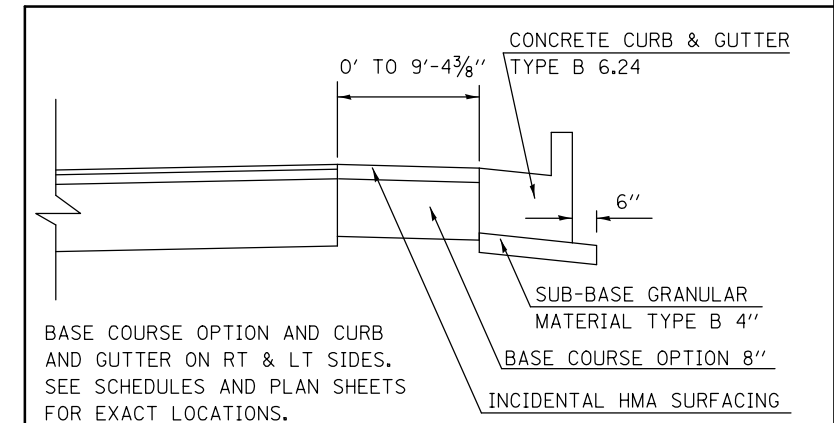
LOCATION 4 (IL 133)
EXISTING TYPICAL CROSS SECTION

STATION TO STATION
1+37.00 4+30.00



* SUPER ELEVATION & SHOULDER SLOPE RATES

STATION	TO STATION	S.E.	LT. SHOULDER SLOPE	RT. SHOULDER SLOPE
0+08.30	4+27.71	4.2%	4.2%	4.2%



BASE COURSE OPTION AND CURB AND GUTTER ON RT & LT SIDES. SEE SCHEDULES AND PLAN SHEETS FOR EXACT LOCATIONS.

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pwork\pwork\ceerlockjd\0381332\0370A32-sht-typicals.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #4 (IL 133)

SCALE: N/A SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	41	28

*DS CRACK & JOINT SEAL 2014-1 CONTRACT NO. 70A32

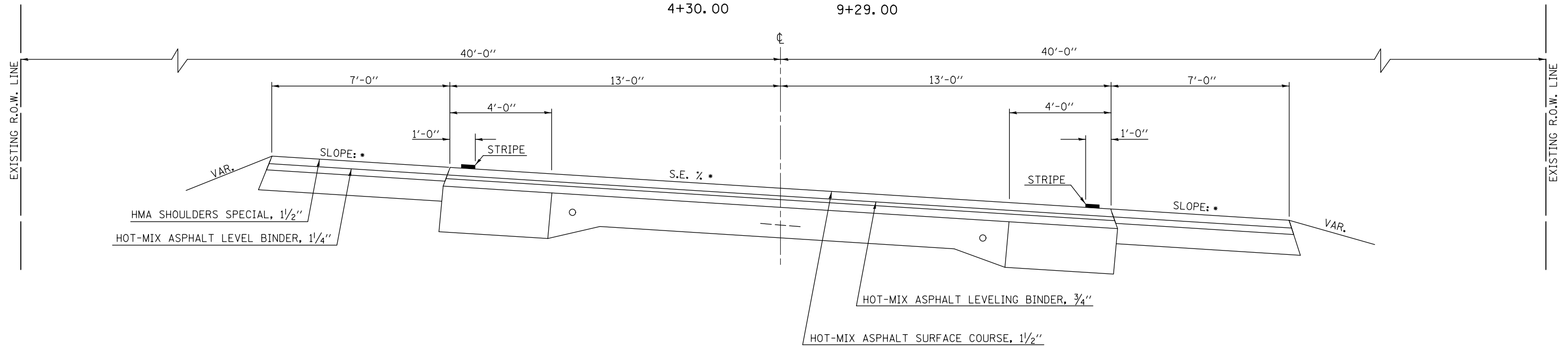
ILLINOIS FED. AID PROJECT

**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

3

**LOCATION 4 (IL 133)
EXISTING TYPICAL CROSS SECTION**

STATION TO STATION
4+30.00 TO 9+29.00



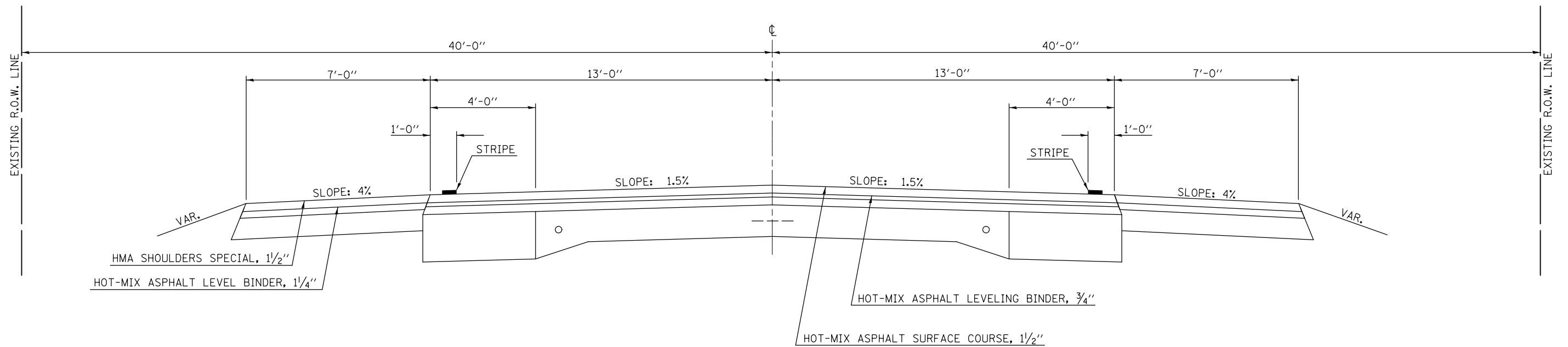
* SUPER ELEVATION & SHOULDER SLOPE RATES

STATION	TO	STATION	S.E.	LT. SHOULDER SLOPE	RT. SHOULDER SLOPE
4+27.71		8+22.69	4.2%	4.2%	4.2%

4

**LOCATION 4 (IL 133)
EXISTING TYPICAL CROSS SECTION**

STATION TO STATION
9+29.00 TO 61+45.00



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pwork\pwork\ceerlockjd\0381332\0370A32-sht-typicals.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #4 (IL 133)

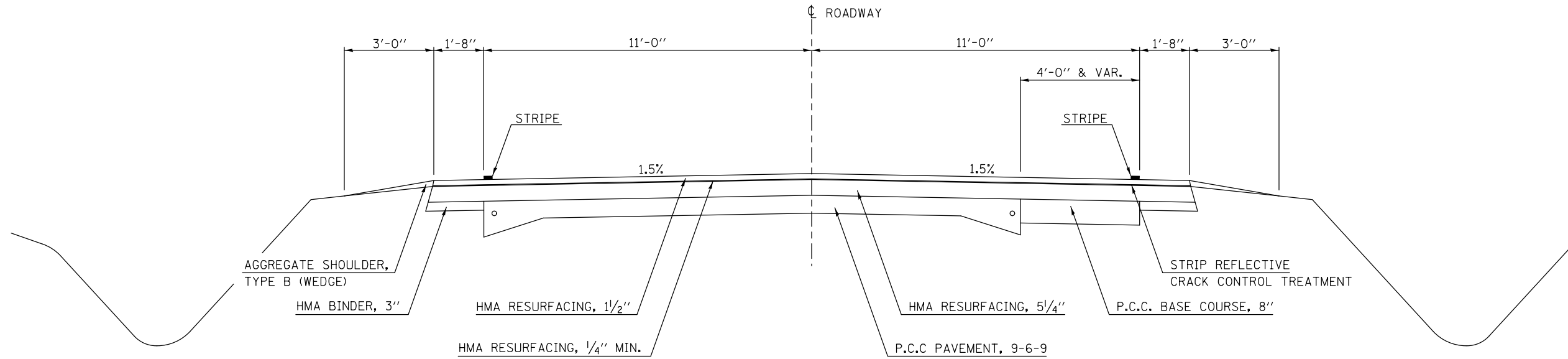
SCALE: N/A SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		VARIOUS	41	29
*D5 CRACK & JOINT SEAL 2014-1			CONTRACT NO. 70A32	
ILLINOIS FED. AID PROJECT				

**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

**① LOCATION 5 (IL 16)
EXISTING TYPICAL CROSS SECTION**

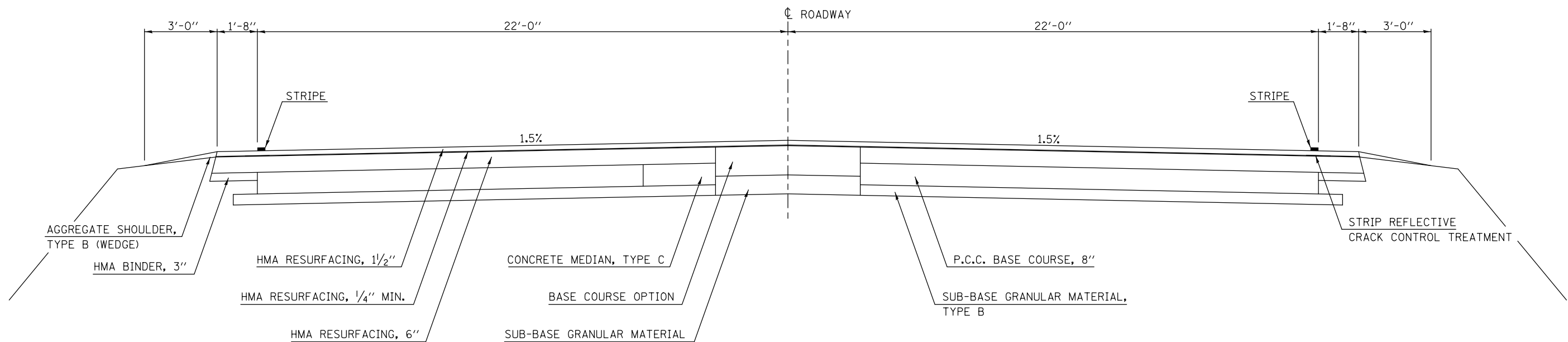
STATION TO STATION
600+30.00 663+11.47 ②



**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

**② LOCATION 5 (IL 16)
EXISTING TYPICAL CROSS SECTION**

STATION TO STATION
① 663+11.47 668+17.37 ③
③ 675+60.77 681+27.07 ③



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #5 (IL 16)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwork\work\pwork\ceerlockjd\0381332\0370A32-sht-Typicals.dgn	70A32-sht-Typicals.dgn	DRAWN -	REVISED -		SCALE:	SHEET 1 OF 3 SHEETS	STA.	TO STA.	VAR.	ILLINOIS	VARIOUS	41	30
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					*D5 CRACK & JOINT SEAL 2014-1			CONTRACT NO. 70A32		
*MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -					ILLINOIS FED. AID PROJECT					

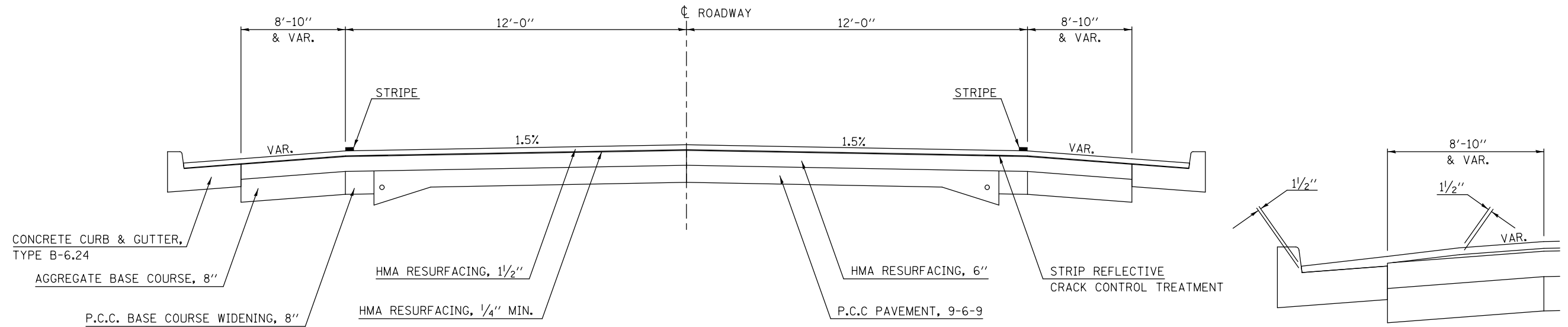
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

③

**LOCATION 5 (IL 16)
EXISTING TYPICAL CROSS SECTION**

STATION EQUATION
STA. 683+09.93 (BK) = STA. 683+07.75 (AH)

STATION TO STATION
② 668+17.37 675+60.77 ②
② 681+27.07 701+30.16 ④



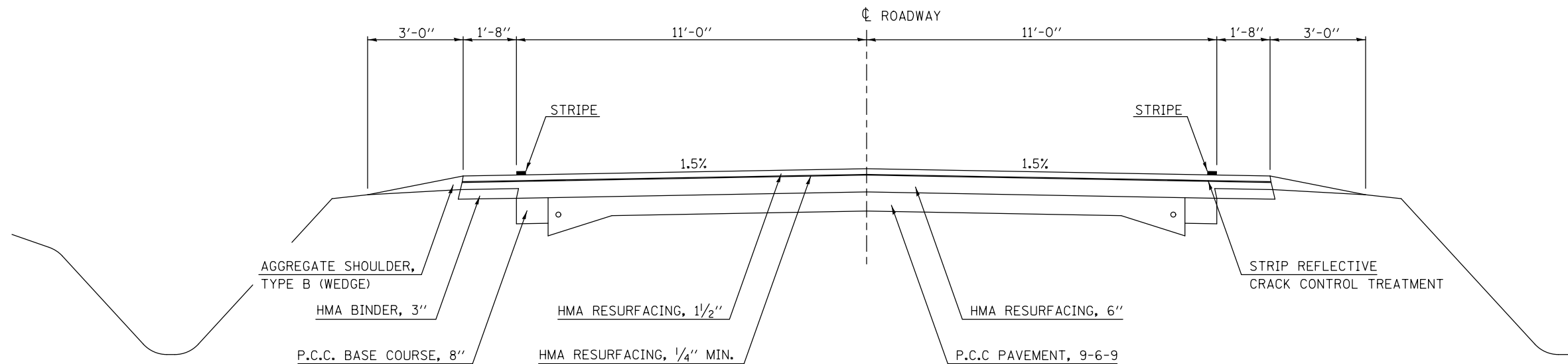
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

④

**LOCATION 5 (IL 16)
EXISTING TYPICAL CROSS SECTION**

STATION EQUATION
STA. 1010+30.63 (BK) = STA. 1010+31.38 (AH)
STA. 1193+31.38 (BK) = STA. 1192+70.07 (AH)

STATION TO STATION
③ 701+30.16 1363+55.06 ⑤

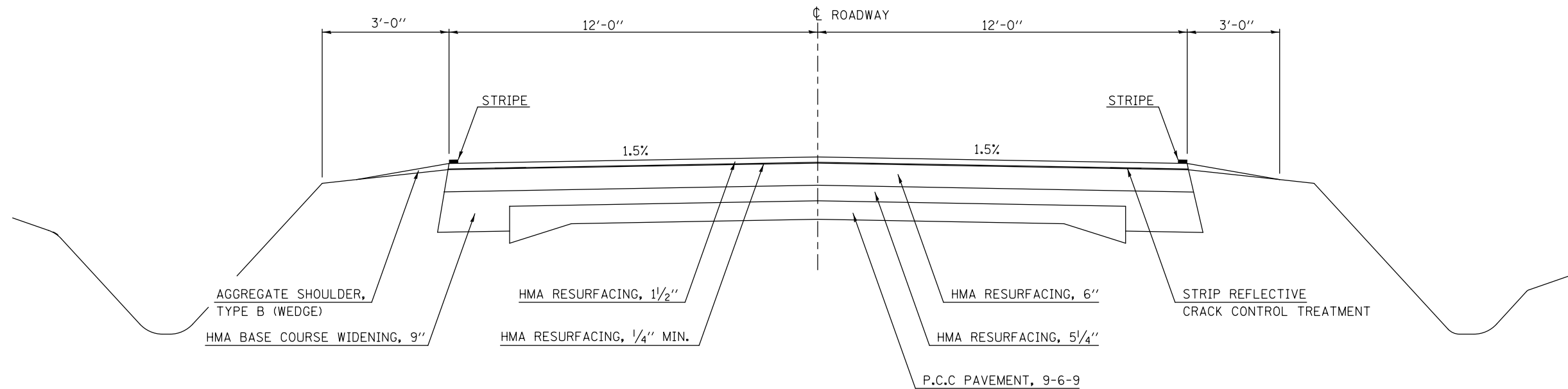


FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #5 (IL 16)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pw\work\p\dot\ceerlockjd\0381332\0570A32-sht-Typicals.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					VAR.		VARIOUS	41	31
MODELNAME	PLOT DATE = 2/14/2014	CHECKED -	REVISED -		SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.			*D5 CRACK & JOINT SEAL 2014-1		CONTRACT NO. 70A32		
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

⑤ LOCATION 5 (IL 16) EXISTING TYPICAL CROSS SECTION

STATION TO STATION
④ 1363+55.06 1364+36.00 ⑥



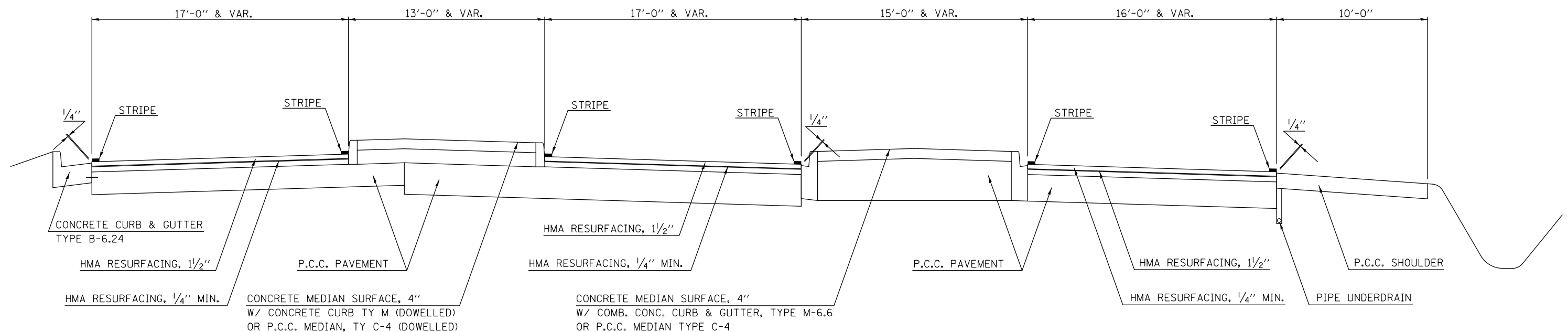
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

⑥ LOCATION 5 (IL 16) EXISTING TYPICAL CROSS SECTION

STATION EQUATION

STA. 1365+41.36 (BK) = STA. 3365+41.36 (AH)

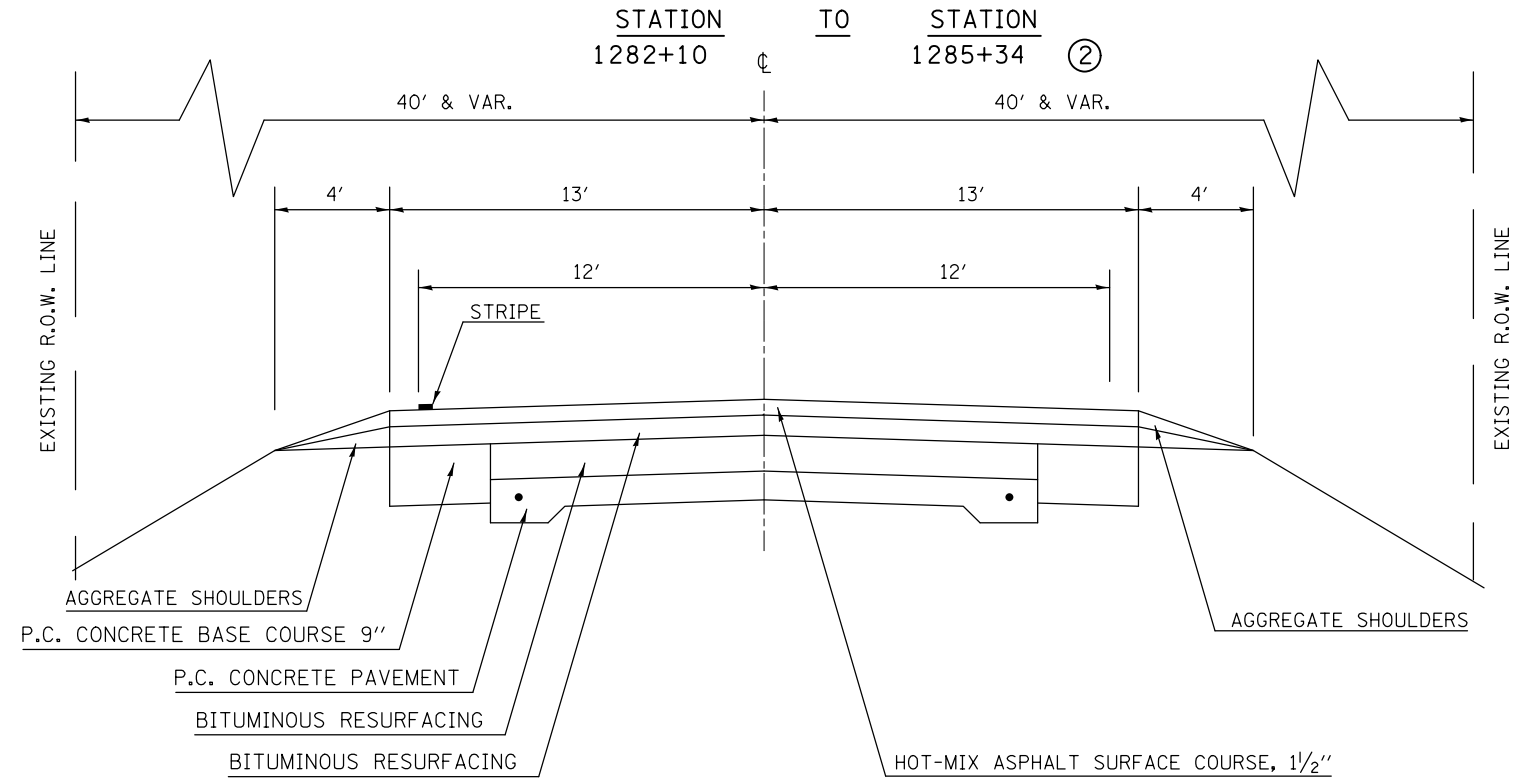
STATION TO STATION
⑤ 1364+36.00 3366+96.66



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #5 (IL 16)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ei:\pwork\work\pwork\ceerlockjd\0381332\0570A32-sht-Typicals.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			VAR.		VARIOUS	41	32	
*MODELNAME#	PLOT DATE = 2/14/2014	CHECKED -	REVISED -			•D5 CRACK & JOINT SEAL 2014-1		CONTRACT NO. 70A32		ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -			SCALE:	SHEET 3 OF 3 SHEETS	STA.	TO STA.		

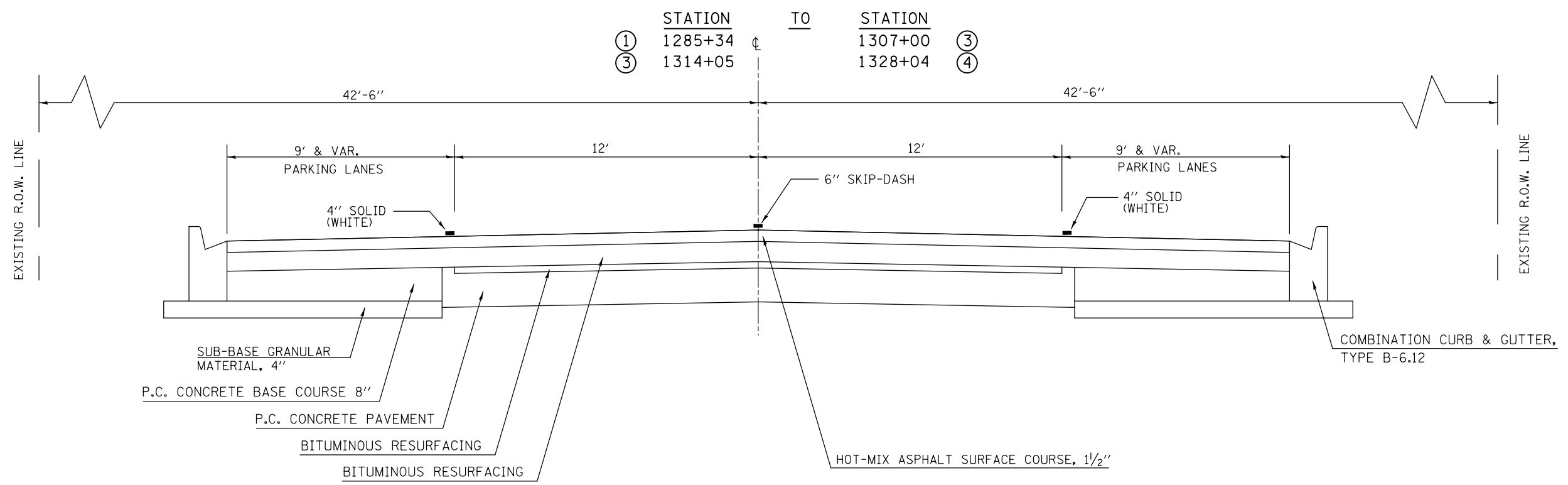
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

① LOCATION 6 (IL 49) EXISTING TYPICAL CROSS SECTION



**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

② LOCATION 6 (IL 49) EXISTING TYPICAL CROSS SECTION

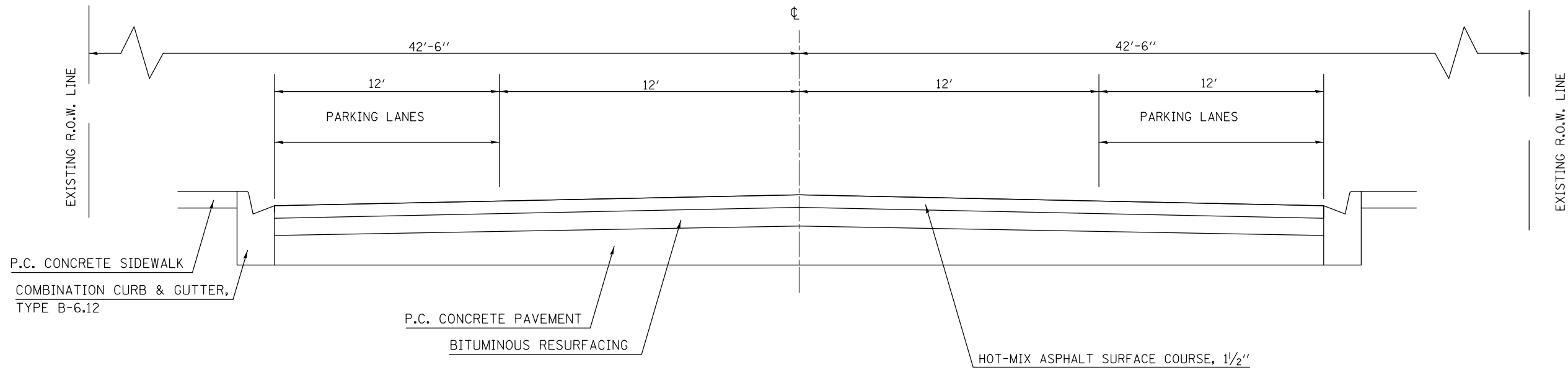


FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #6 (IL 49)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwork\pwork\ceerlockjd\0381332\0370A32-sht-Typicals.dgn		DRAWN -	REVISED -		SCALE:	SHEET 1	OF 2	SHEETS	STA.	TO STA.	VARIOUS	41	33
		CHECKED -	REVISED -		*D5 CRACK & JOINT SEAL 2014-1								
#MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -		CONTRACT NO. 70A32								

**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

**③ LOCATION 6 (IL 49)
EXISTING TYPICAL CROSS SECTION**

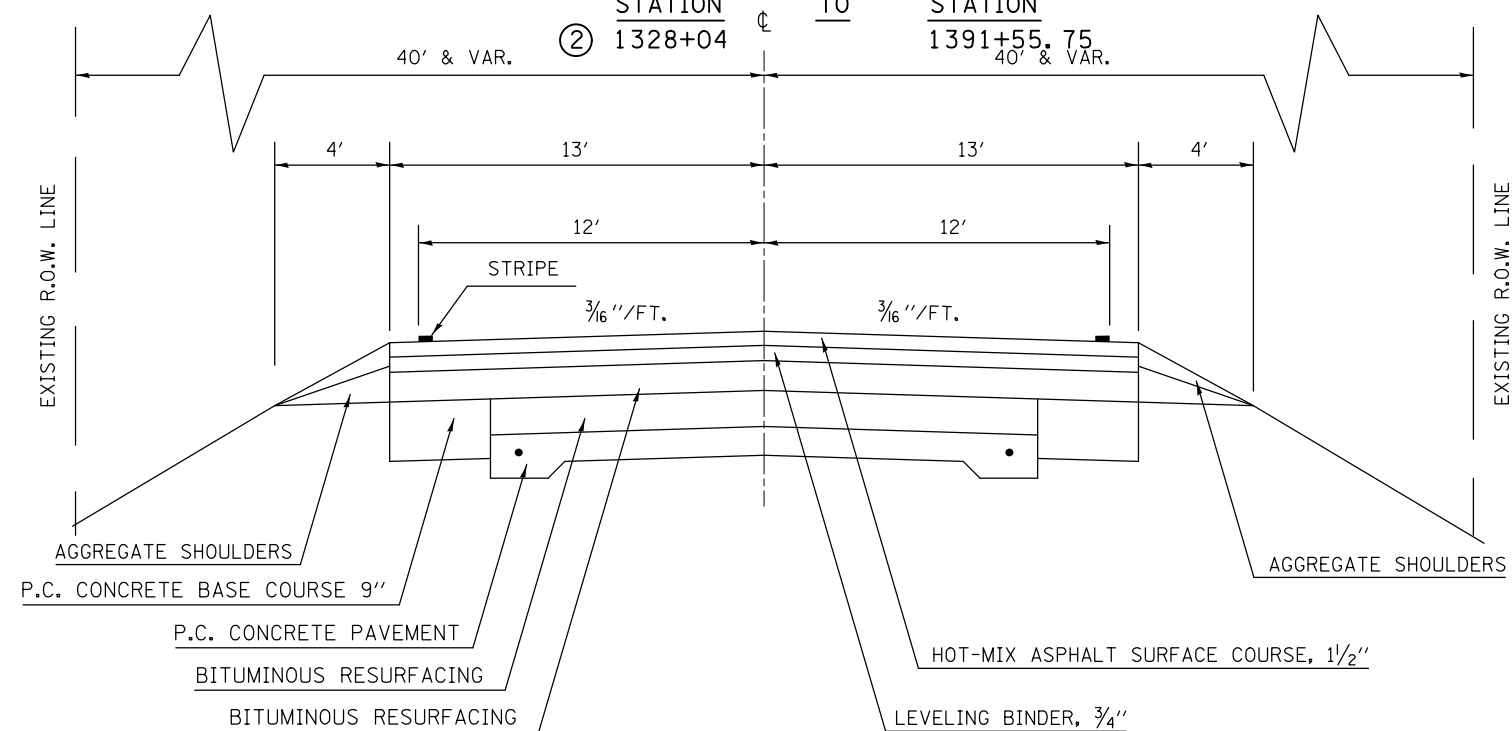
STATION 1307+00 TO STATION 1314+05 ②



**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

**④ LOCATION 6 (IL 49)
EXISTING TYPICAL CROSS SECTION**

STATION 1328+04 TO STATION 1391+55.75 ②
40' & VAR.



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pwwork\pwwork\ceerlockjd\0381332\05	70A32-sht-Typicals.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 2/14/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

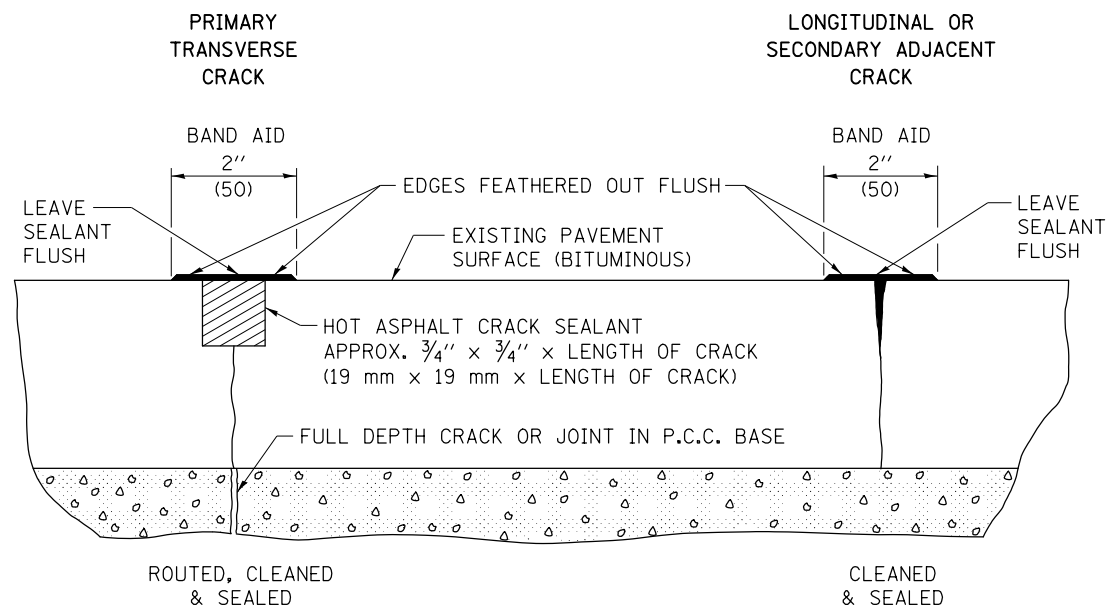
EXISTING TYPICAL CROSS SECTIONS
LOCATION #6 (IL 49)

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		VARIOUS	41	34
•D5 CRACK & JOINT SEAL 2014-1			CONTRACT NO. 70A32	
ILLINOIS FED. AID PROJECT				

HMA PAVEMENT

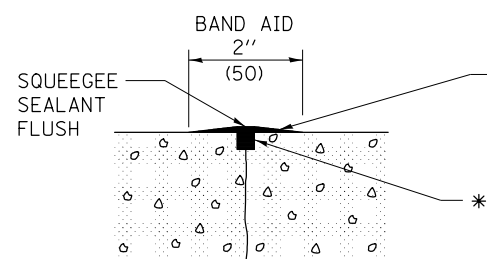
(USE PAY ITEMS : 45100100 CRACK ROUTING (PAVEMENT)
AND 45100200 CRACK FILLING)



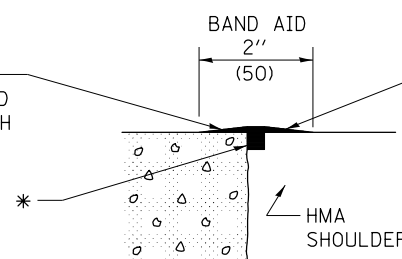
PCC PAVEMENT

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

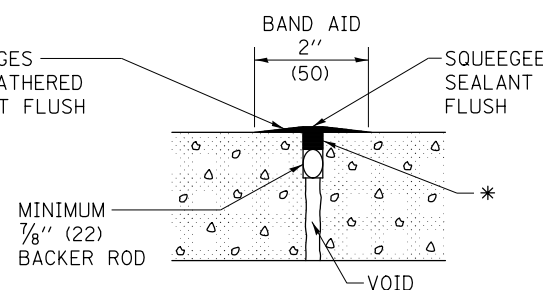
TRANSVERSE CRACKS AND JOINTS AND CENTERLINE JOINT



LONGITUDINAL SHOULDER JOINT

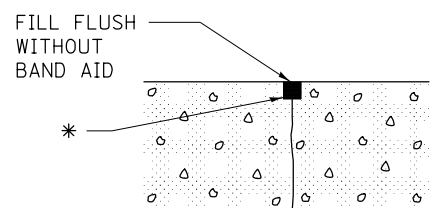


ANY WIDE LONGITUDINAL JOINT OR CRACK

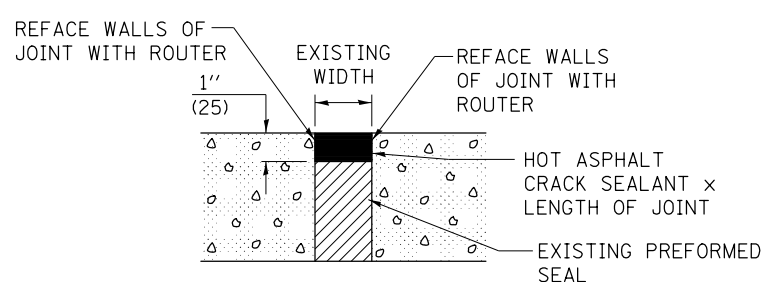


* HOT ASPHALT CRACK SEALANT
APPROX. 3/4 " x 3/4 " x LENGTH OF CRACK.
ACTUAL QUANTITY WILL VARY AS NEEDED FOR
PRIMARY OR SECONDARY WORKING CRACK.

LONGITUDINAL RANDOM CRACK



TRANSVERSE EXPANSION JOINT



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

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 12/06
et:\pw\work\p\dot\ceerlockjd\0381332\05	70A32-sht-details.dgn	DRAWN -	REVISED - 08/07
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 12/08
	PLOT DATE = 2/14/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

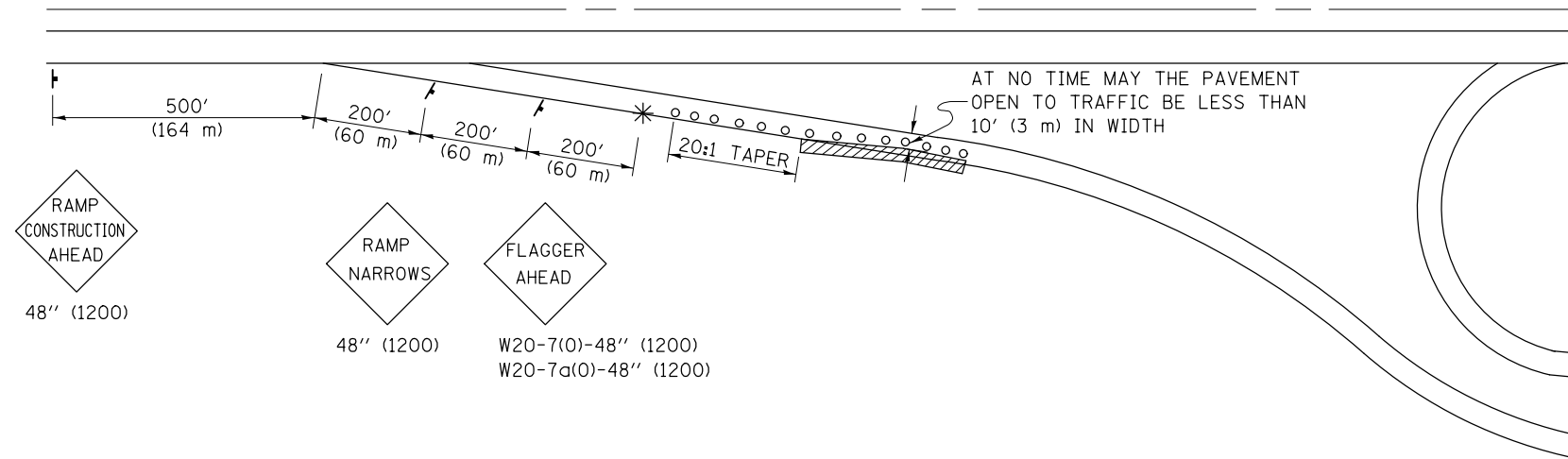
CRACK AND JOINT SEALING

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

DISTRICT 5 DETAIL NO. 45AAAAAA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VARIOUS	41	35
*D5 CRACK & JOINT SEAL 2014-1			CONTRACT NO. 70A32	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**APPLICATION NO. 1
DAY OPERATION ONLY
PARTIAL RAMP CLOSURE**



SYMBOLS

- (APPLICATION NO. 1) TYPE I OR II BARRICADES OR DRUMS @ 50' (15 m) CTS.
- ⊗ (APPLICATION NO. 2) TYPE I OR II BARRICADES OR DRUMS @ 25' (7.5 m) CTS. W/STEADY BURNING LIGHTS
- * (APPLICATION NO. 1) FLAGGER PLACED AS DIRECTED BY THE ENGINEER
- † SIGN ON PORTABLE OR PERMANENT SUPPORT
- ▨ WORK AREA

TYPICAL APPLICATIONS

- PAVEMENT PATCHING
- PIPE UNDERDRAINS
- HMA RESURFACING

GENERAL NOTES

CONSTRUCTION OPERATIONS SHALL BE CONFINED TO AN AREA NARROW ENOUGH THAT A MINIMUM OF 10' (3 m) OF PAVEMENT SHALL BE OPEN TO TRAFFIC AT ALL TIMES.

FULL WIDTH PAVEMENT ON THE RAMPS SHALL BE OPEN TO TRAFFIC AT NIGHT.

WHEN NO WORK IS BEING PERFORMED, THE FLAGGER WILL NOT BE REQUIRED. IF THE FLAGGER IS NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.

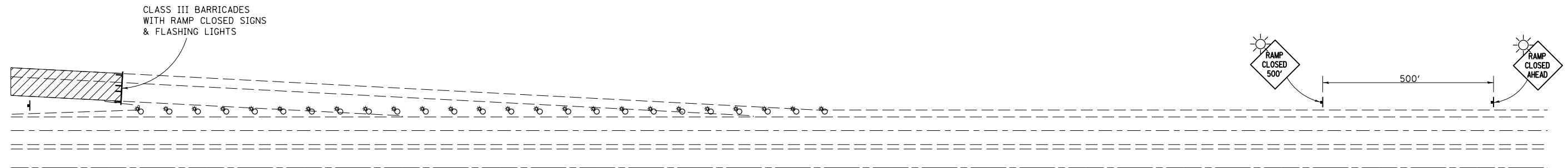
ALL SIGNS SHALL BE POST MOUNTED IF WORK IN THE AREA EXCEEDS FOUR DAYS OF DAYTIME OPERATIONS.

LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.

ALL VEHICLES, EQUIPMENT, WORKERS (EXCEPT FLAGGER) AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE AUTHORIZED BY THE DISTRICT ENGINEER.

Traffic Control for all ramps shall be in accordance with the appropriate application of plan detail **TRAFFIC CONTROL FOR RAMPS** and will not be paid for separately, but shall be included in the contract lump sum prices for Traffic Control and Protection, Standard 701401 and Traffic Control and Protection, Standard 701406.

**APPLICATION NO. 2
RAMP CLOSURE**



GENERAL NOTES

STEADY BURN LIGHTS ARE NOT REQUIRED FOR DAYTIME OPERATIONS.

CONTACT THE DISTRICT TRAFFIC OPERATIONS ENGINEER AT 217-465-4181, ONE WEEK PRIOR TO CLOSING THE RAMP.

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

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
ei:\pwwork\pwwork\ceerlockjd\0381332\0570A32-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 2/14/2014	DATE -	REVISED -

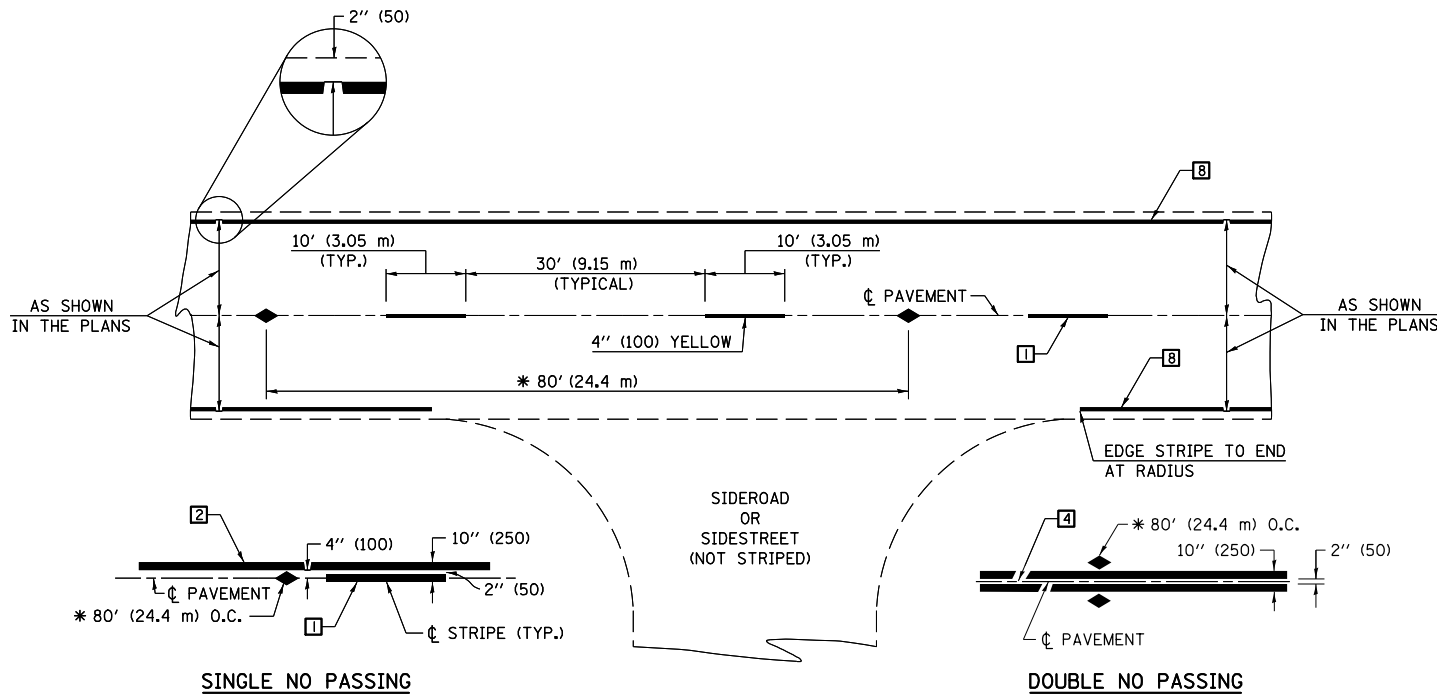
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL FOR RAMPS

SCALE: SHEET OF SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 70103710

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		VARIOUS	41	36
• D5 CRACK & JOINT SEAL 2014-1			CONTRACT NO. 70A32	
ILLINOIS FED. AID PROJECT				



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

TWO LANE/TWO WAY

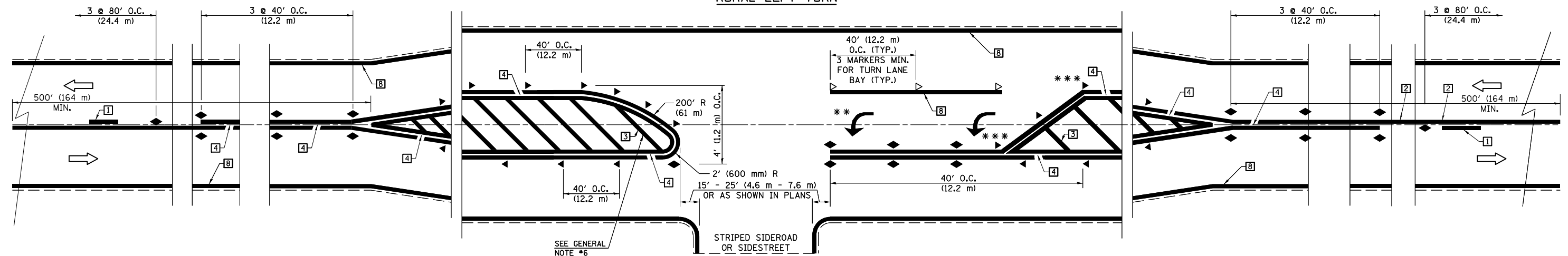
TYPICAL PAVEMENT MARKING LEGEND

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

TYPICAL PAVEMENT MARKERS LEGEND

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

RURAL LEFT TURN



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

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

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 11/06
ei:\pwork\pwork\ceerlockjd\0381332\0970A32-sht-details.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/14/2014	DATE -	REVISED -

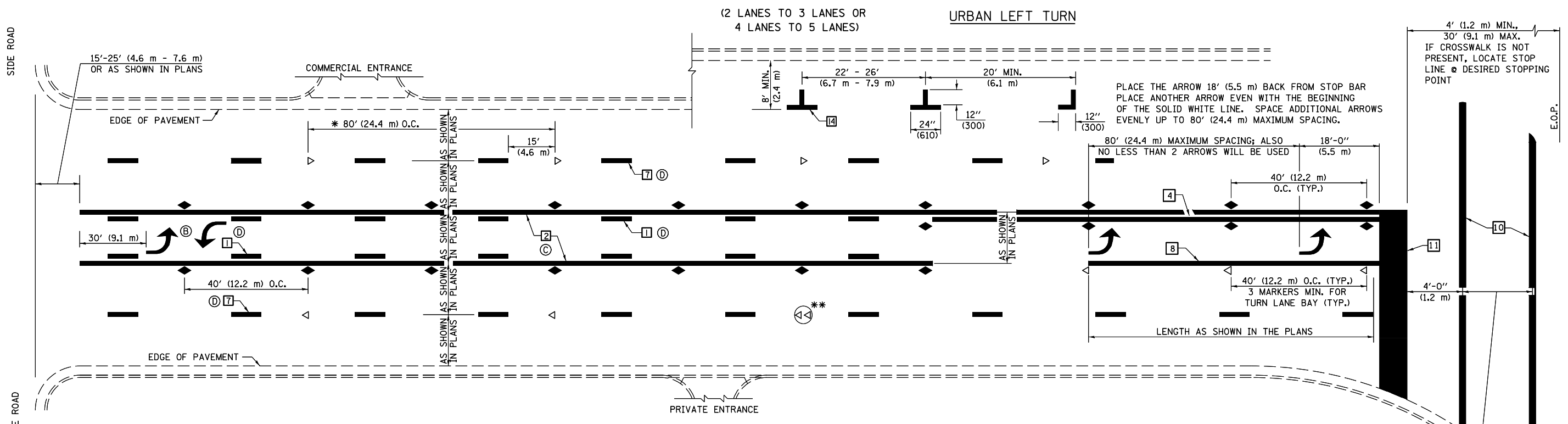
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

DISTRICT 5 DETAIL NO. 7800AAA

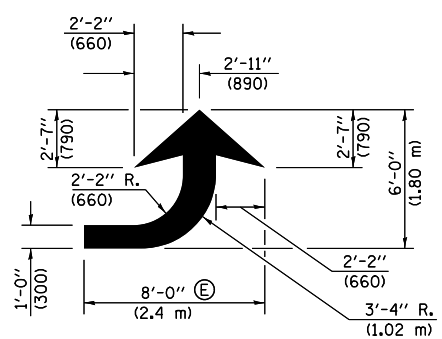
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	41	37
*D5 CRACK & JOINT SEAL 2014-1		CONTRACT NO. 70A32		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

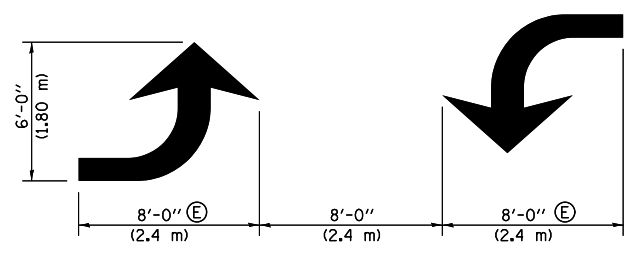
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

- GENERAL NOTES:**
- (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)



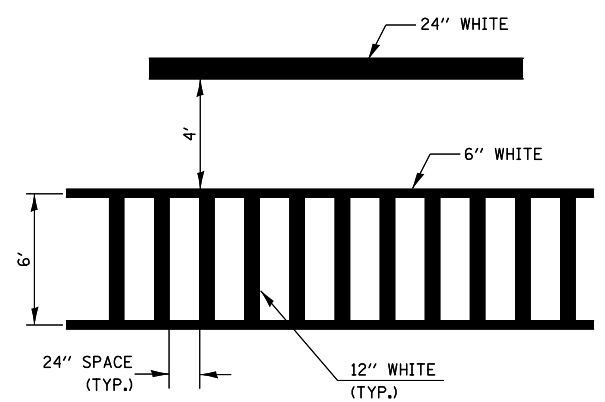
LEFT ARROW

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

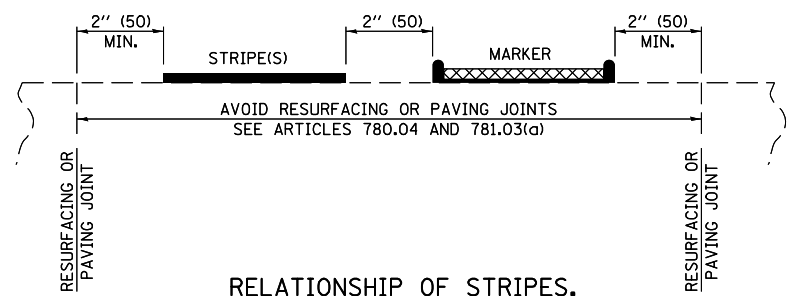


TYPICAL DOUBLE TURN ARROWS (WHITE)

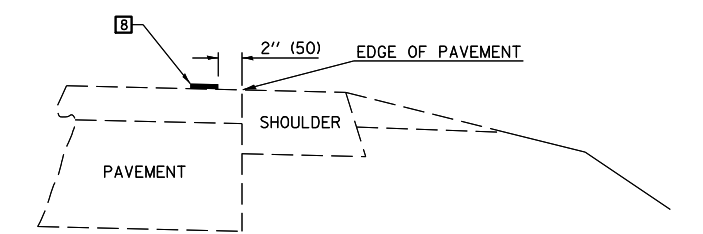
BLOOMINGTON-NORMAL CITY LIMITS ONLY



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

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

DISTRICT 5 DETAIL NO. 7800AAA

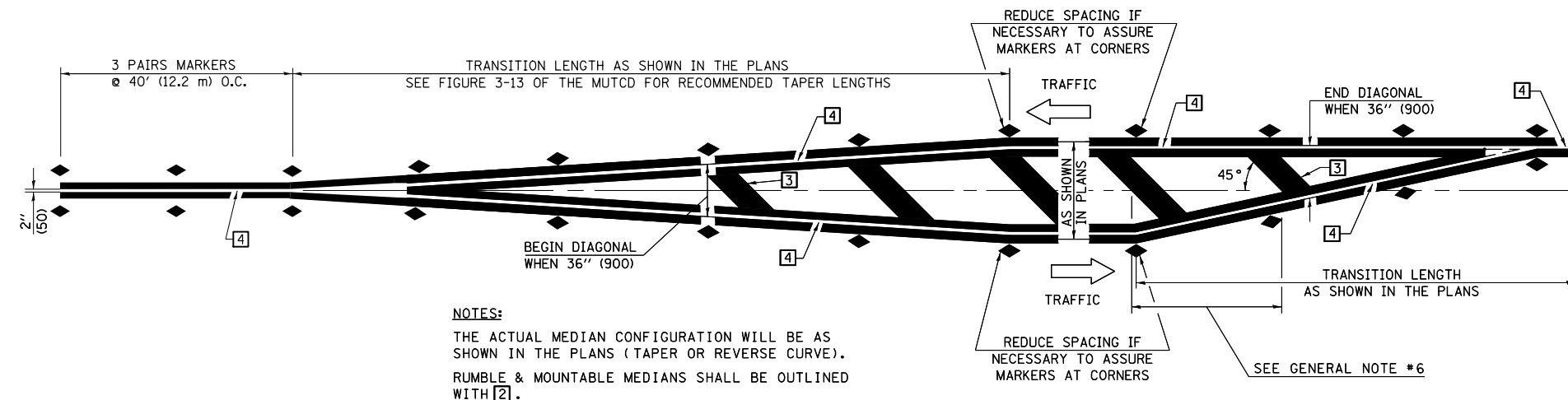
FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 11/06
ei:\pw\work\p\idot\ceerlockjd\0381332\03	70A32-sht-details.dgn	DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/14/2014	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	41	38
*D5 CRACK & JOINT SEAL 2014-1			CONTRACT NO. 70A32	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

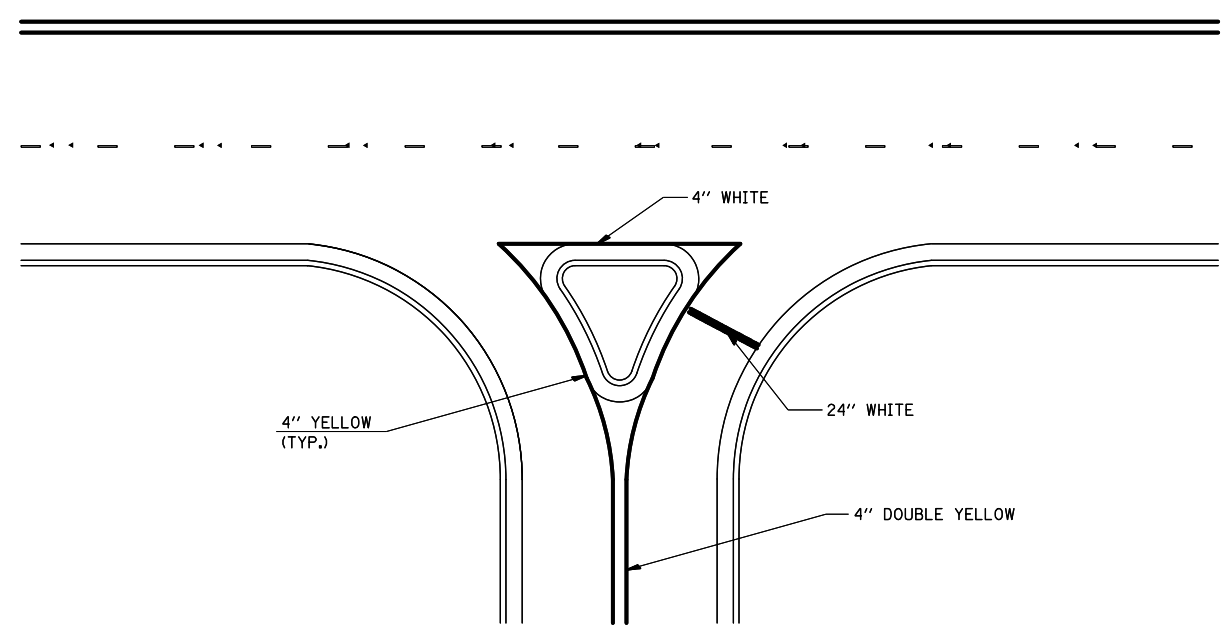


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

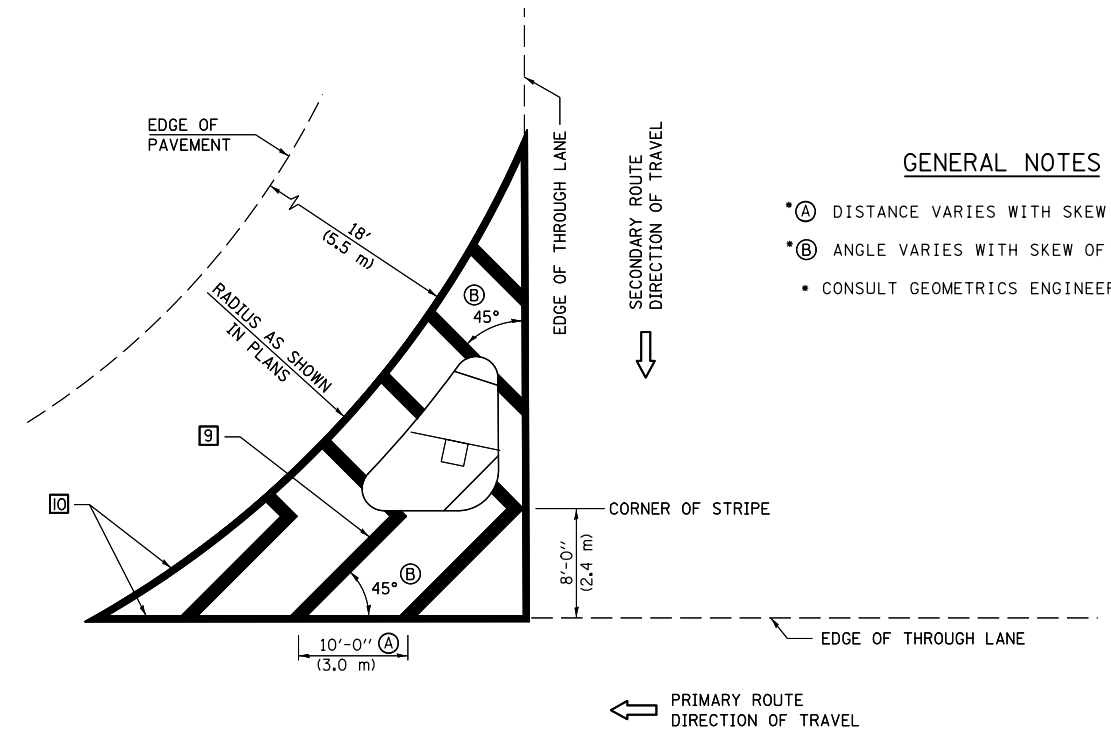
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

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



RIGHT IN - RIGHT OUT ACCESS



GENERAL NOTES

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

ISLAND

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

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 11/06
ei:\pwork\pwork\ceerlockjd\0381332\05	70A32-sht-details.dgn	DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/14/2014	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

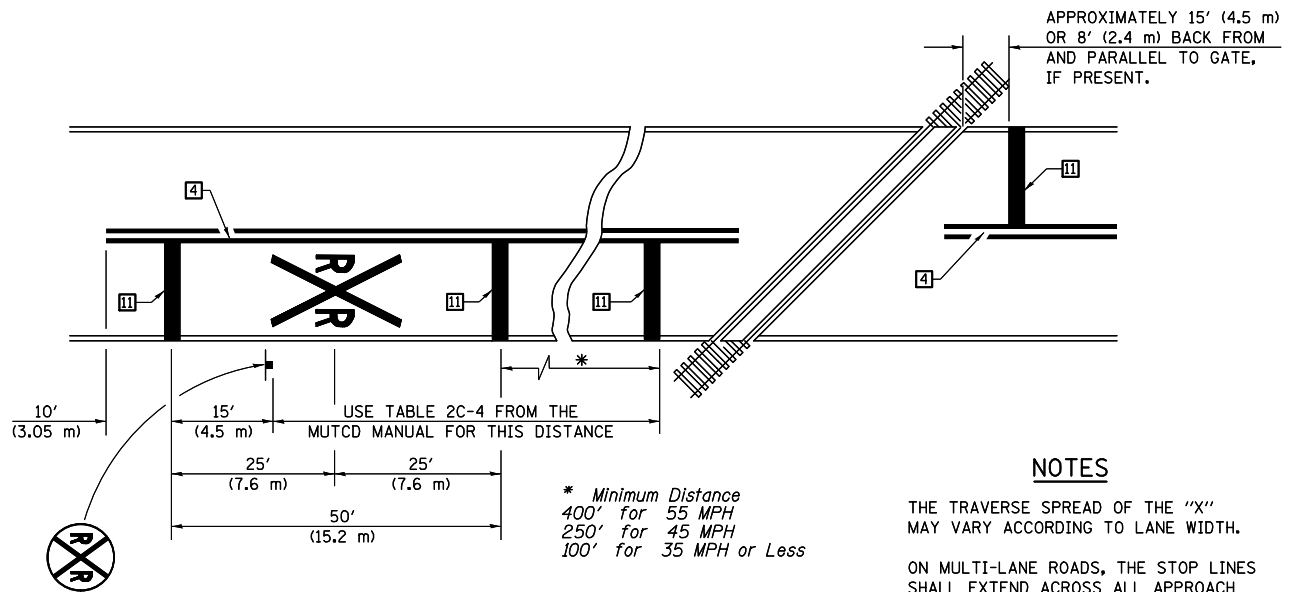
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	41	39
*D5 CRACK & JOINT SEAL 2014-1		CONTRACT NO. 70A32		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



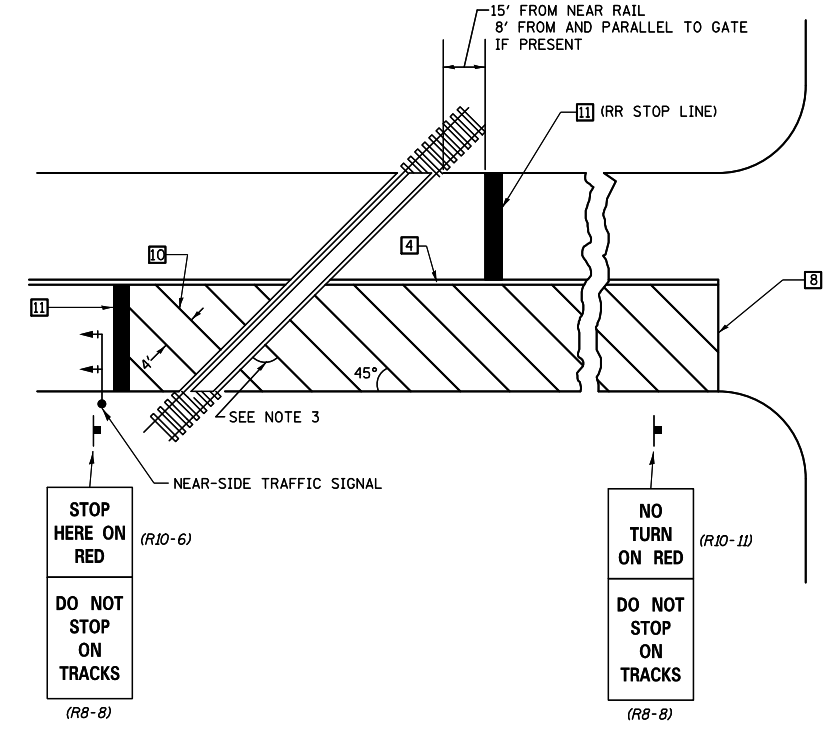
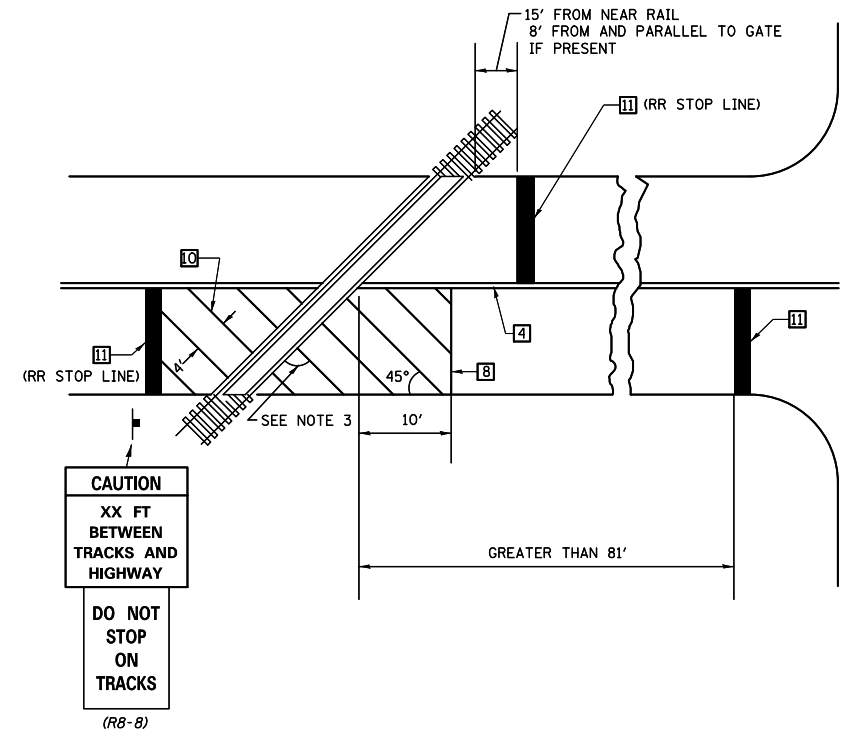
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

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.

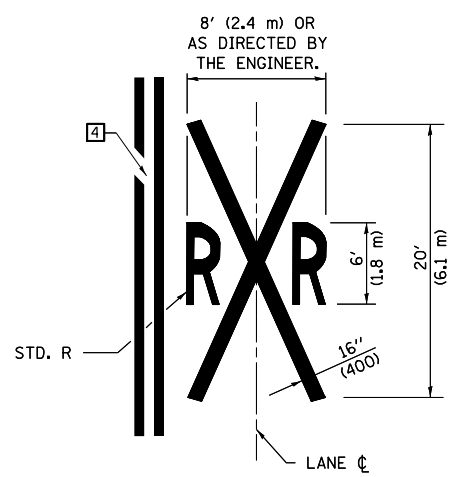
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



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.



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

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 11/06
ei:\pwork\pwork\ceerlockjd\0381332\03	70A32-sht-details.dgn	DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/14/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

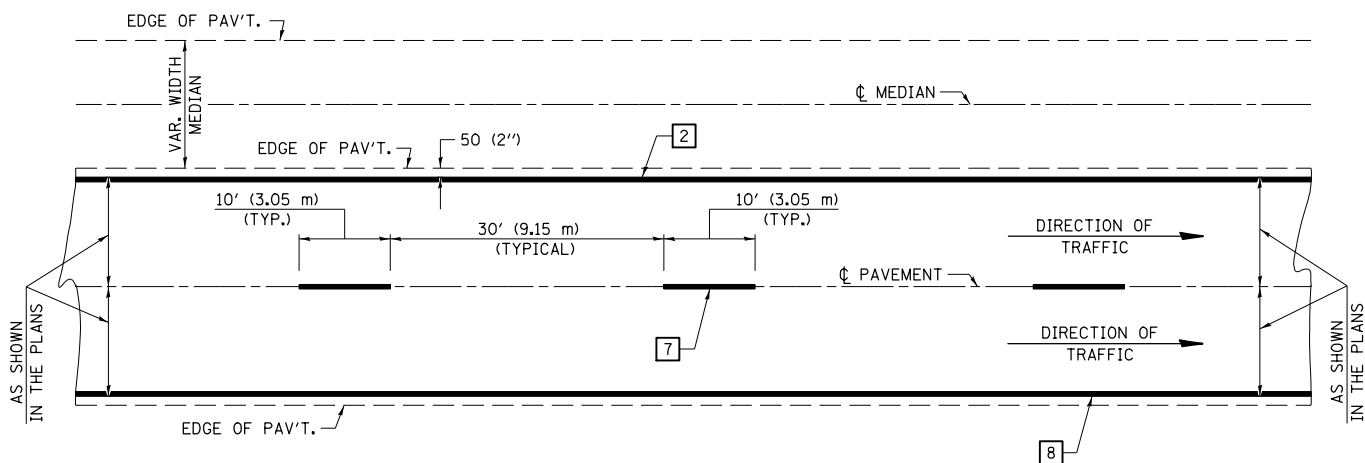
PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

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

DISTRICT 5 DETAIL NO. 7800AAAA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	41	40
*D5 CRACK & JOINT SEAL 2014-1		CONTRACT NO. 70A32		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CENTERLINE INTERSTATE OR MULTI-LANE TWO WAY DIVIDED HIGHWAY

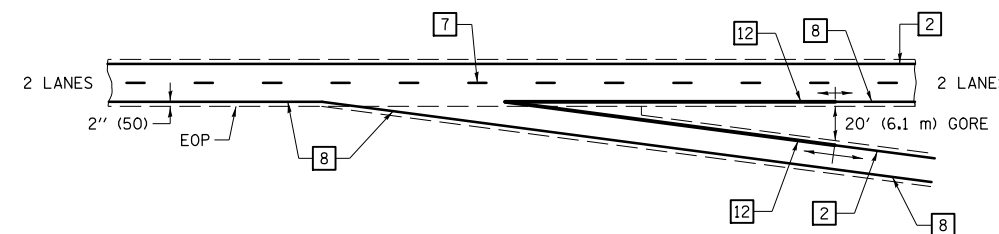


NOTE: PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.

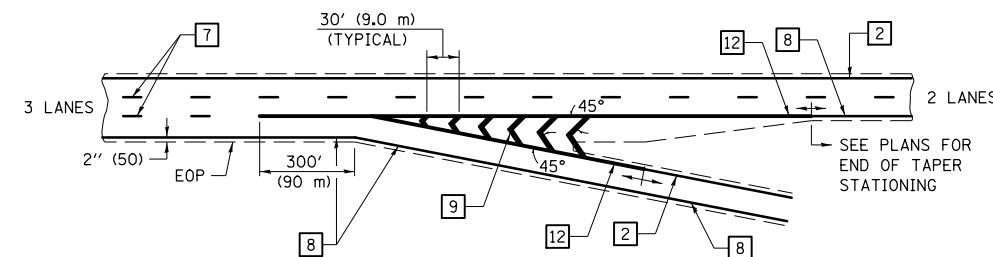
NOTE: SEE ARTICLES 780.04 & 781.03 FOR LOCATION OF STRIPES AND MARKERS RELATIVE TO EDGES OR JOINTS.

FOR RAISED REFLECTIVE PAVEMENT MARKERS, REFER TO STANDARD 781001.

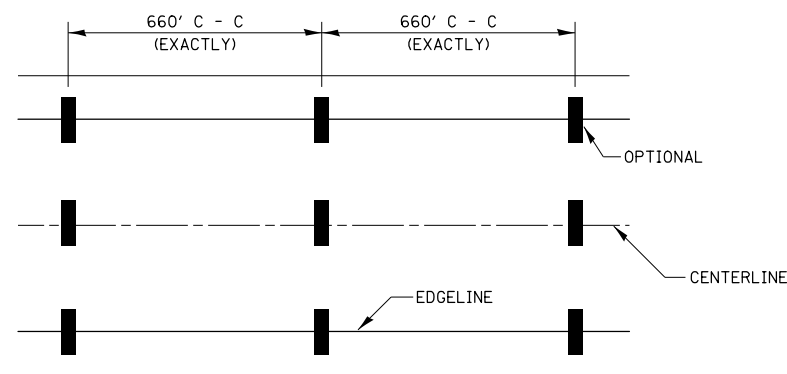
TYPICAL EXIT RAMP TERMINAL



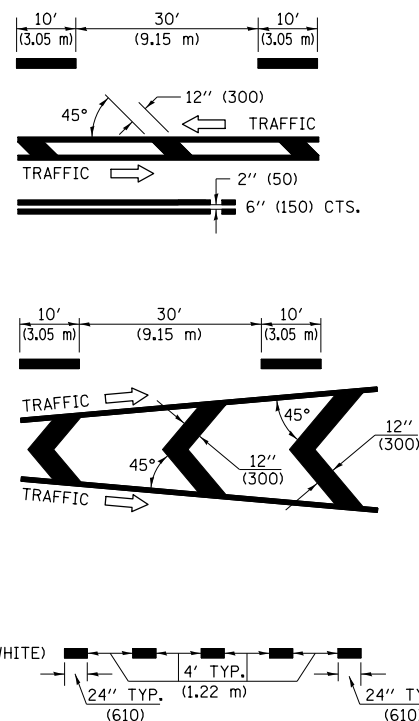
EXIT RAMP TERMINAL with EXCLUSIVE (auxiliary) LANE



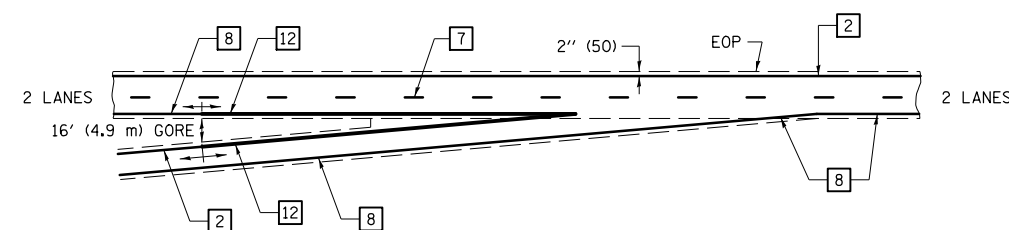
TYPICAL PAVEMENT MARKING LEGEND



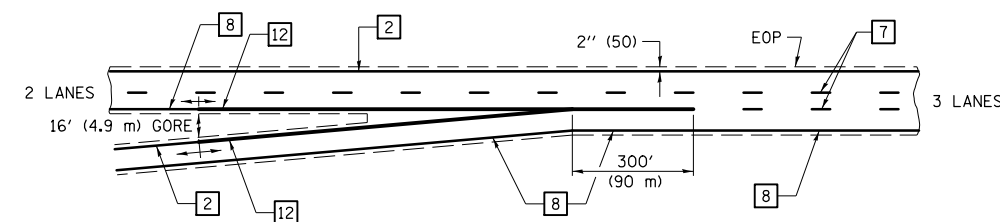
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)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



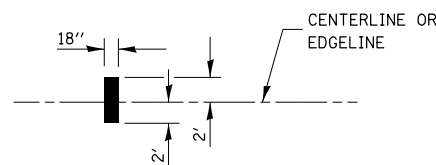
TYPICAL ENTRANCE RAMP TERMINAL



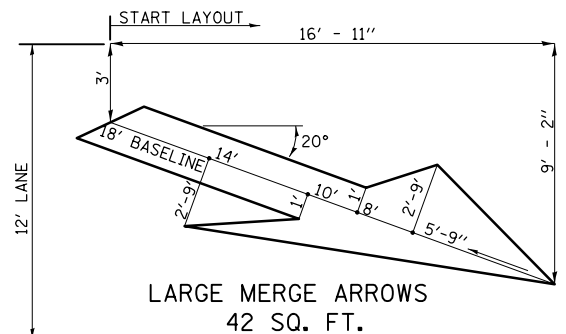
ENTRANCE RAMP TERMINAL with EXCLUSIVE LANE



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



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

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED - 11/06
ei:\pwwork\pwwid\ceerlockjd\0381332\0370A32-sht-details.dgn	70A32-sht-details.dgn	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 2/14/2014		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING (INTERSTATE & MULTI-LANE APPLICATIONS)

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

DISTRICT 5 DETAIL NO. 7800BBBB

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VARIOUS	41	41
•D5 CRACK & JOINT SEAL 2014-1			CONTRACT NO. 70A32	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				