

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
SECTION D5 CRACK & JOINT SEAL 2015-1

CRACK AND JOINT SEALING
VARIOUS COUNTIES

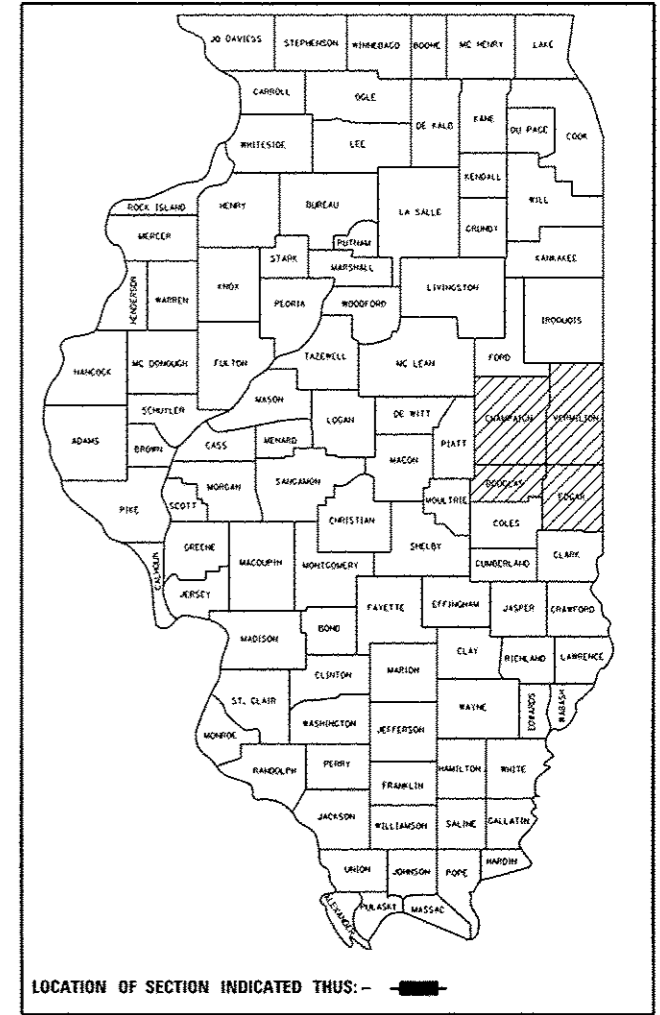
C-95-032-14
(ROUT & SEAL EAST FIELD AREA)

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

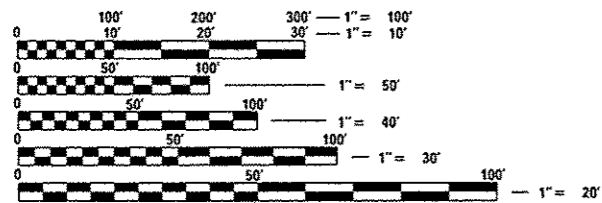
ADT - SEE LOCATION MAPS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	46	1
		ILLINOIS	CONTRACT NO. 70A77	
*D5 CRACK & JOINT SEAL 2015-1				

D-95-032-14



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
SQUAD LEADER: STEVE COOMBES
(217) 465-4181
CONTRACT NO. 70A77

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED JANUARY 30, 2015
Kenneth A. Gammitt
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

MAR 20, 2015
John D. Baranzelli P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

MAR 20, 2015
Cher Osmun P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
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46	DETAIL FOR PAVEMENT MARKING (INTERSTATE & MULTI-LANE APPLICATIONS)

LIST OF STANDARDS

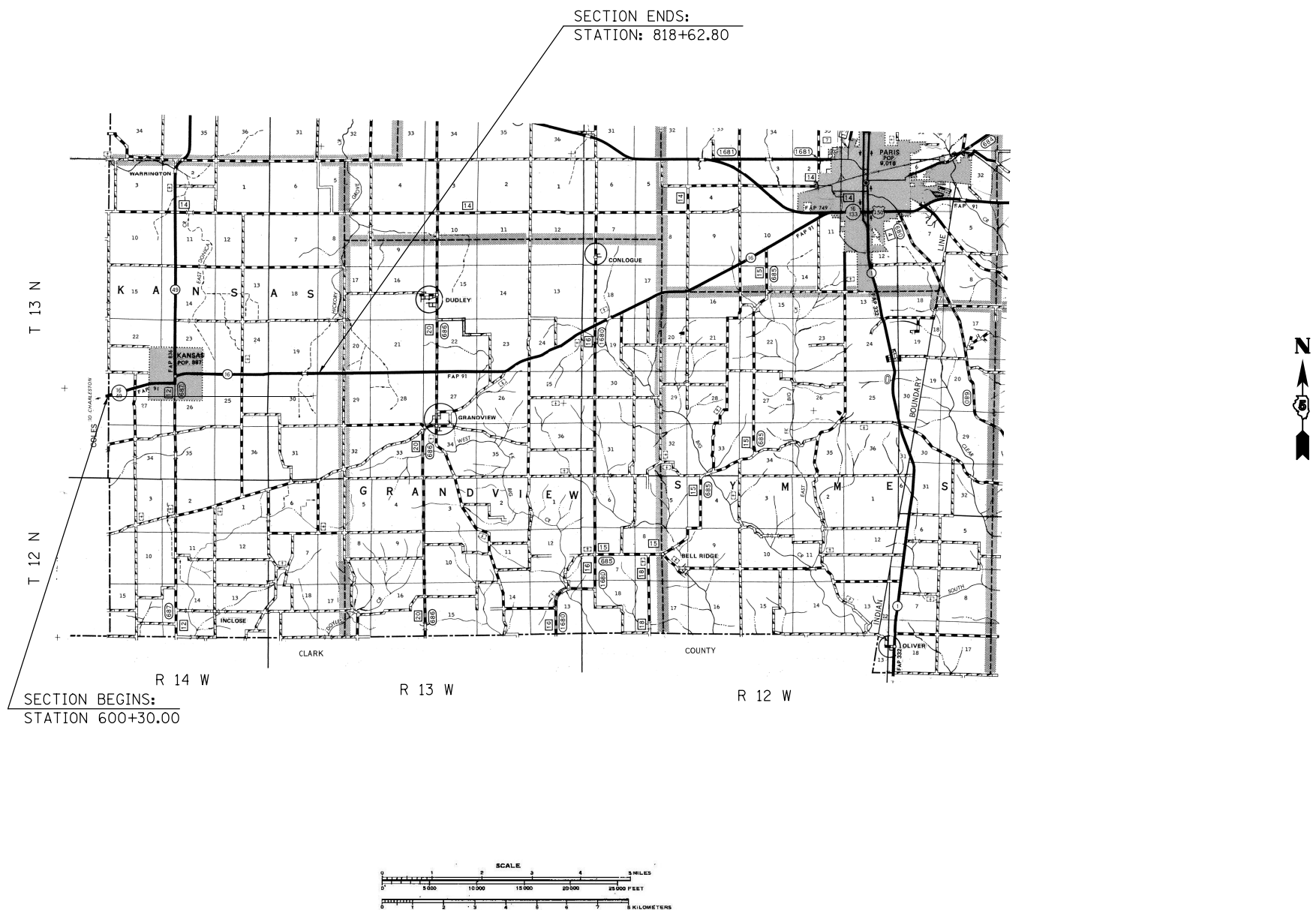
<u>STANDARD NO.</u>	<u>NAME OF STANDARD</u>
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS > 45MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701421-07	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS \geq 45 MPH TO 55 MPH
701426-07	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS \geq 45 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
701901-04	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

FILE NAME =	USER NAME = aoorbessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & LIST OF STANDARDS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\p\stdot\coorbessf\102421524\70177-ahf-plan.dgn	DRAWN -	REVISED -	VAR.			-	VARIOUS	46	2	
PLOT SCALE = 48.0000' / 1" = 1/4"	CHECKED -	REVISED -	*DS CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77				
PLOT DATE = 1/20/2015	DATE -	REVISED -	SCALE: N/A			SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

ADT

LOCATION 1: AVERAGE ADT = 3150 (2014)

LOCATION MAP #1 IL 16 FROM COLES CO. LINE TO 3 MILES E. OF KANSAS EDGAR CO.



GROSS LENGTH = 21,832.80 FT. = 4.135 MILES
NET LENGTH = 21,832.80 FT. = 4.135 MILES

FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
c:\pw\work\p1dot\coombessf\d0421524\70777-sht.pln.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP #1

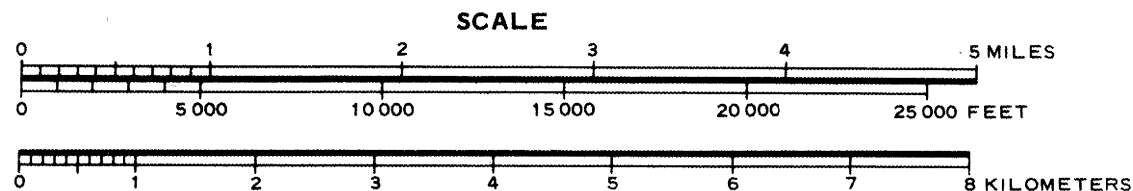
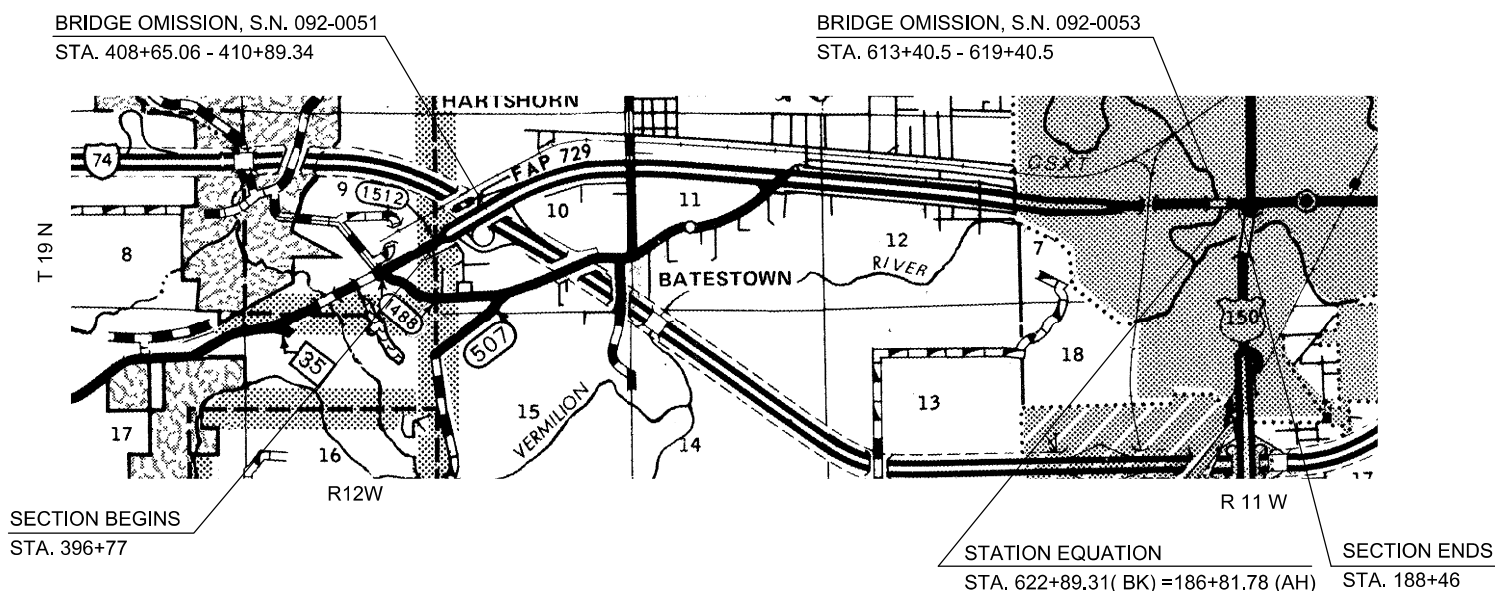
SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	•	VARIOUS	46	3
•D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

ADT

LOCATION 2: AVERAGE ADT = 10,500 (2014)

LOCATION MAP #2 US 150 FROM W OF I 74 TO LOGAN AVE IN DANVILLE VERMILION COUNTY



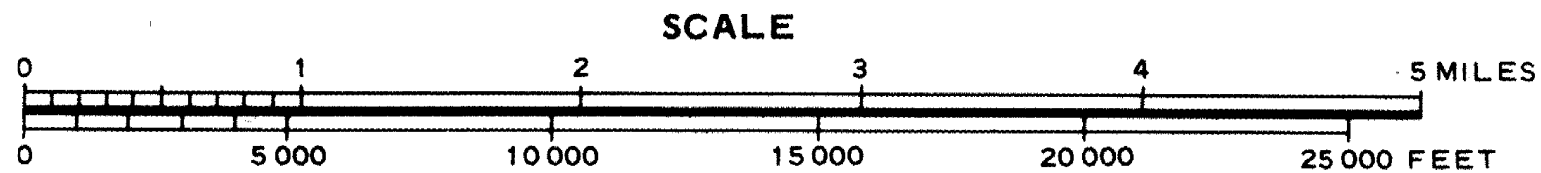
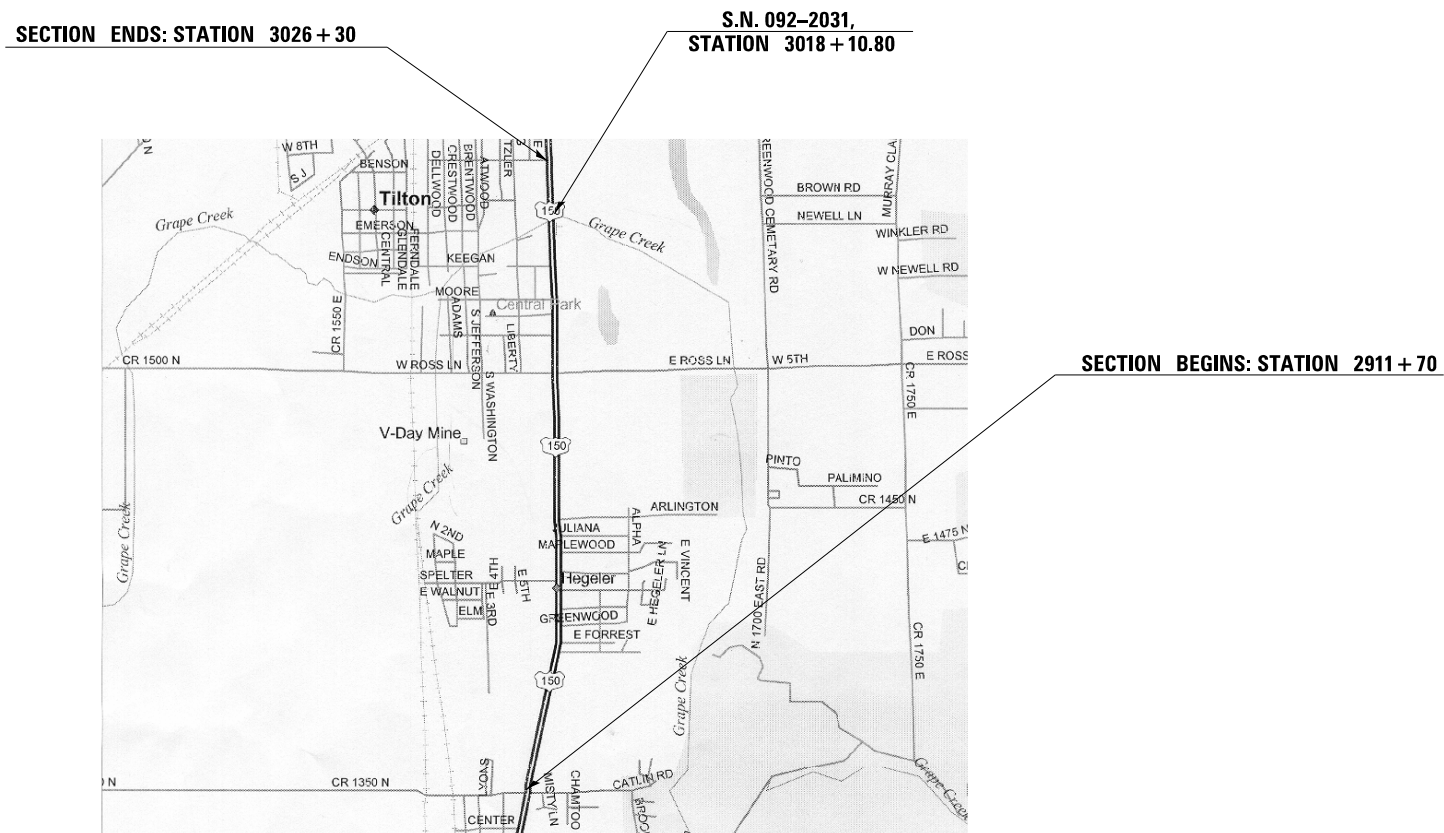
GROSS LENGTH = 22,776.53 FT. = 4.314 MILES
NET LENGTH = 21,952.25 FT. = 4.158 MILES

FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #2			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\pwidot\coombessf\d0421524\70777-sht-pln.dgn		DRAWN -	REVISED -									
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			SCALE: N/A	SHEET 1	OF 1	SHEETS	STA.	TO STA.	
	PLOT DATE = 1/26/2015	DATE -	REVISED -									
											ILLINOIS FED. AID PROJECT	

ADT

LOCATION 3: AVERAGE ADT = 21,100 (2014)

LOCATION MAP #3 US 150 FROM 16TH ST. IN TILTON TO LYON'S RD IN BELGIUM VERMILION COUNTY



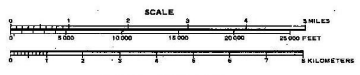
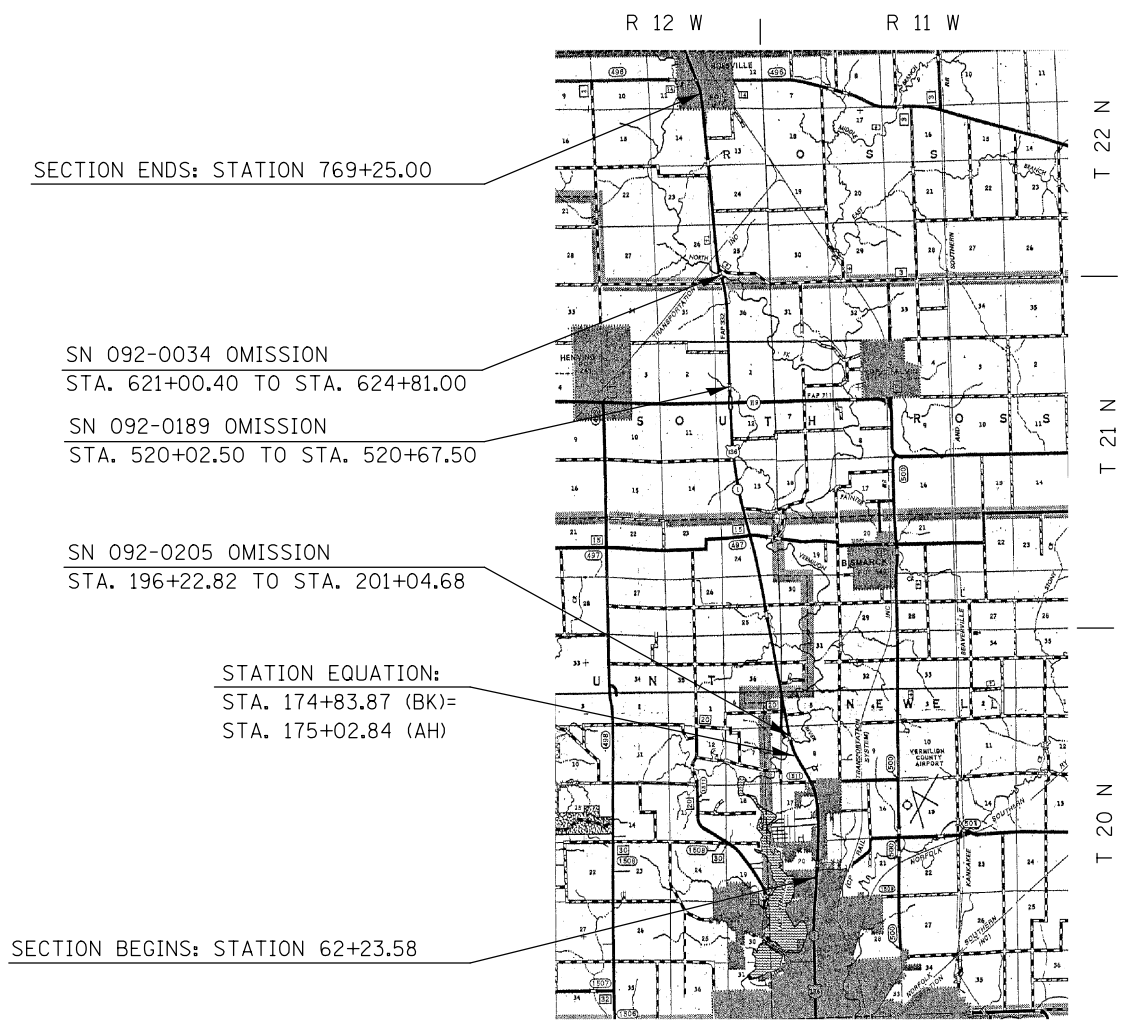
GROSS LENGTH = 11,460.00 FT. = 2.170 MILES
NET LENGTH = 11,460.00 FT. = 2.170 MILES

FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #3			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p1dot\coombessf\d0421524\70777-sht-pln.dgn		DRAWN -	REVISED -									
\$MODELNAME\$		CHECKED -	REVISED -			SCALE: N/A	SHEET 1	OF 1	SHEETS	STA.	TO STA.	
	PLOT DATE = 1/26/2015	DATE -	REVISED -									
											ILLINOIS FED. AID PROJECT	

ADT

LOCATION 4: AVERAGE ADT = 10,500 (2014)

LOCATION MAP #4 IL 1 FROM 0.2 MI N OF SHADY LANE RD IN DANVILLE TO SCL OF ROSSVILLE VERMILION COUNTY



GROSS LENGTH = 70,682.45 FT. = 13.387 MILES
NET LENGTH = 69,754.99 FT. = 13.211 MILES

FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
ct:\pw\work\pwidot\coombessf\d0421524\70777-sht-pln.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP #4

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	46	6
*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

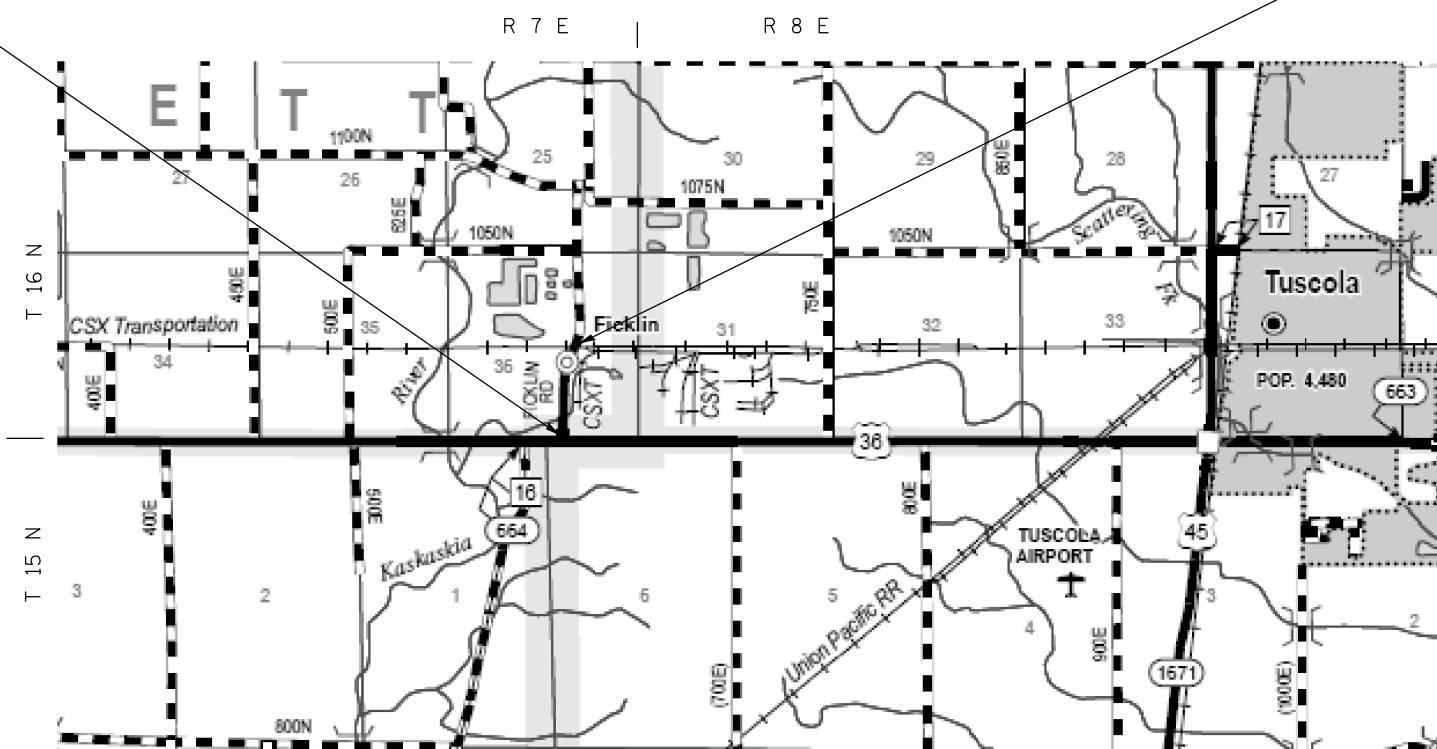
ADT

LOCATION 5: AVERAGE ADT = 450 (2014)

LOCATION MAP #5 CH 19 FROM CSX RR IN FICKLIN TO U.S. 36 DOUGLAS COUNTY

SECTION BEGINS: STATION 0+32.00

SECTION ENDS: STATION 26+36.00



GROSS LENGTH = 2,604.00 FT. = 0.493 MILE

NET LENGTH = 2,604.00 FT. = 0.493 MILE

FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
ct:\pw\work\p1dot\coombessf\0421524\70777-sht.pln.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP #5

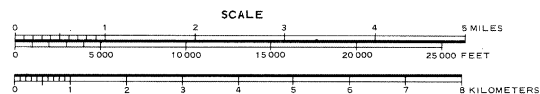
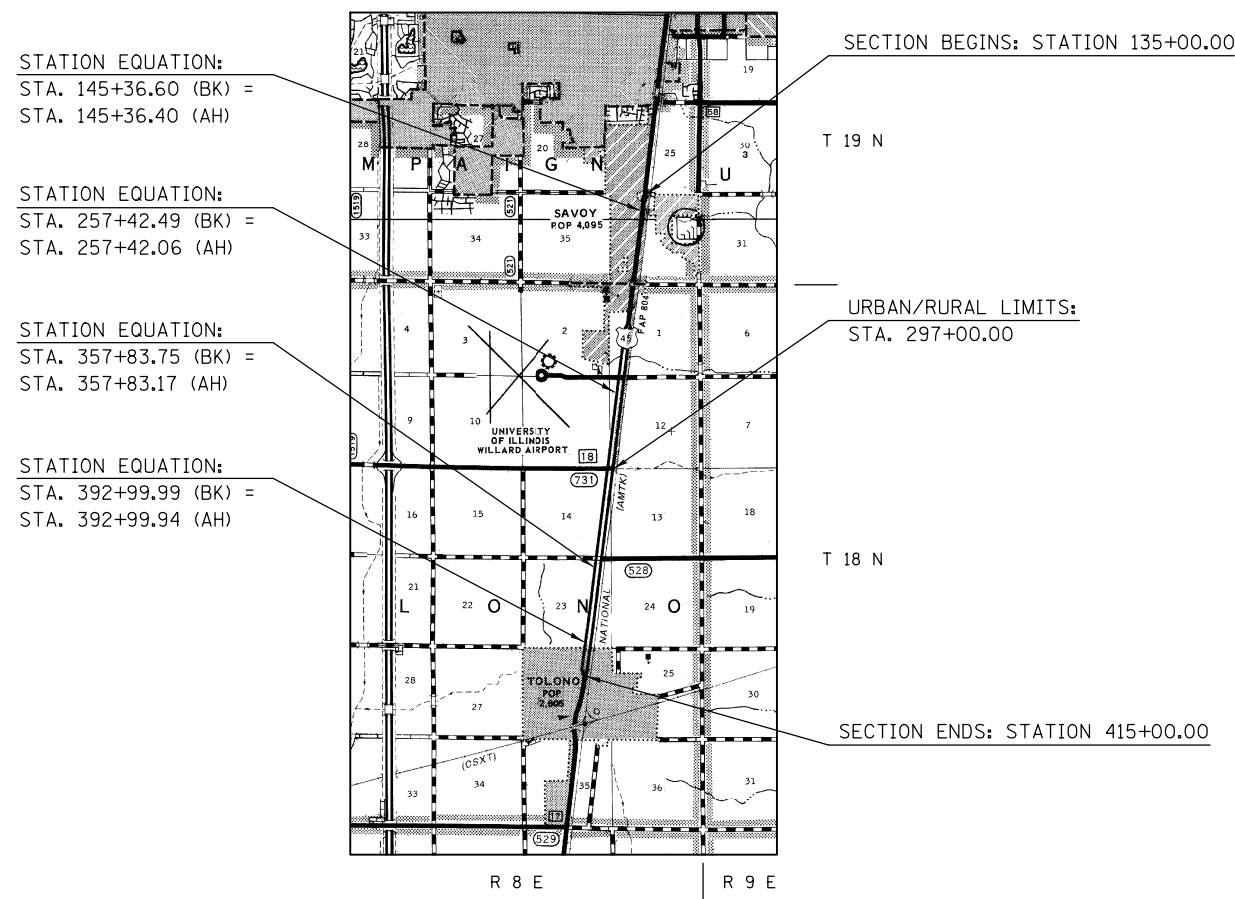
SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	•	VARIOUS	46	7
•D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

ADT

LOCATION 6: AVERAGE ADT = 16,000 (2014)

LOCATION MAP #6 US 45 FROM CURTIS RD IN SAVOY TO N. CITY LIMITS OF TOLONO CHAMPAIGN COUNTY



TOTAL LENGTH OF SECTION & PROJECT = 28,001.26 FT. = 5.303 MILES
NET LENGTH OF SECTION & PROJECT = 28,001.26 FT. = 5.303 MILES

FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #6			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\coombessf\d0421524\70777-sht-pln.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					VAR.	.	VARIOUS	46	8
\$MODELNAME\$	PLOT DATE = 1/26/2015	CHECKED -	REVISED -		SCALE: N/A	SHEET 1 OF 1 SHEETS	STA.	TO STA.	*D5 CRACK & JOINT SEAL 2015-1 CONTRACT NO. 70A77			
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT			

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 - IL 16 FROM COLES CO. LINE TO APPROX. 4 MILES EAST OF KANSAS

- 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 : 29,470 FOOT
TRANSVERSE : 17,993 FOOT
SEALER : 13,091 POUNDS

LOCATION #2 - US 150 WEST OF I-74 TO LOGAN AVE. IN DANVILLE

- 1) 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 THE CENTER LINE, AND BETWEEN THE EDGE OF PAVEMENT / SHOULDERS SHALL BE SEALED.
- 3) LONGITUDINAL PAVING JOINTS & CRACKS WITHIN THE MARKED LANES 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 THAT ARE EQUAL TO OR GREATER THAN 1/4" IN WIDTH SHALL BE ROUTED AND SEALED.

APPROXIMATE QUANTITIES AT THIS LOCATION:

LONGITUDINAL : 273 (FAU 7052) + 1418 (FAP 729) = 1,691 FOOT
TRANSVERSE : 222 (FAU 7052) + 7413 (FAP 729) = 7635 FOOT
SEALER : 144 (FAU 7052) + 3249 (FAP 729) = 3393 POUNDS

LOCATION #3 - US 150 FROM 16TH ST IN TILTON TO LYON'S RD IN BELGIUM

- 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 : 45,840 FOOT
TRANSVERSE : 7,597 FOOT
SEALER : 12,207 POUNDS

LOCATION #4 - IL 1 FROM ROSSVILLE SCL TO 0.2 MI NORTH OF SHADY LANE RD IN DANVILLE

- 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 : 56,318 (URBAN) + 67,584 (RURAL) = 123,902 FOOT
TRANSVERSE : 12,353 (URBAN) + 23,860 (RURAL) = 36,213 FOOT
SEALER : 16,205 (URBAN) + 23,061 (RURAL) = 39,266 POUNDS

LOCATION #5 - FICKLIN RD. FROM CSX RR TO US 36

- 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 : 2,863 FOOT
TRANSVERSE : 1,770 FOOT
SEALER : 1,281 POUNDS

LOCATION #6 - US 45 FROM CURTIS RD. TO NCL OF TOLONO

- 1) LONGITUDINAL JOINTS AND CRACKS EQUAL TO OR GREATER THAN 1/4" IN WIDTH ALONG CENTER LINE, TURN LANES, 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) LONGITUDINAL JOINTS ALONG EDGE OF PAVEMENT / SHOULDER SHALL NOT BE SEALED.

APPROXIMATE QUANTITIES AT THIS LOCATION:

LONGITUDINAL : 70,692 (URBAN) + 48,124 (RURAL) = 118,816 FOOT
TRANSVERSE : 10,900 (URBAN) + 7,620 (RURAL) = 18,520 FOOT
SEALER : 18,498 (URBAN) + 12,673 (RURAL) = 31,171 POUNDS

FILE NAME :	USER NAME : gaoobeeef	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\\pc-work\p\dot\gaoobeeef\0421524\777.sht-plan.dgn	DRAWN -	REVISED -	VAR.			*	VARIOUS	46	9	
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -	*05 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77		ILLINOIS FED. AID PROJECT		
PLOT DATE = 1/26/2015	DATE -	REVISED -	SCALE: N/A			SHEET 1	OF 1 SHEETS	STA. TO STA.		

SUMMARY OF QUANTITIES

	✓ 07A0C	✓ 07A0U	✓ 1# 70A70	✓ 2# 70A70	✓ 3# 70A70	✓ 07A0C	✓ 07A0G	✓ 2 07A0L	✓ 07A0C		
LOCATION OF WORK	LOCATION #1	LOCATION #2	LOCATION #3	LOCATION #4	LOCATION #5	LOCATION #6					
COUNTY	EDGAR	VERMILION	VERMILION	VERMILION	DOUGLAS	CHAMPAIGN					
	FAP 91 (ILL 16)	FAU 7052 (US 150)	FAP 729 (US 150 / IL 1)	FAP 332 (US 136 / IL 1)	FAP 332 (US 136 / IL 1)	C.H. 19 (FICKLIN RD)	FAP 804 (US 45)				
FUNDING BREAKOUT	RURAL 100% STATE	URBAN 100% STATE	URBAN 100% STATE	URBAN 100% STATE	RURAL 100% STATE	RURAL 100% STATE	URBAN 100% STATE	RURAL 100% STATE			
CONSTRUCTION CODE	0005	0005	0005	0005	0005	0005	0005				

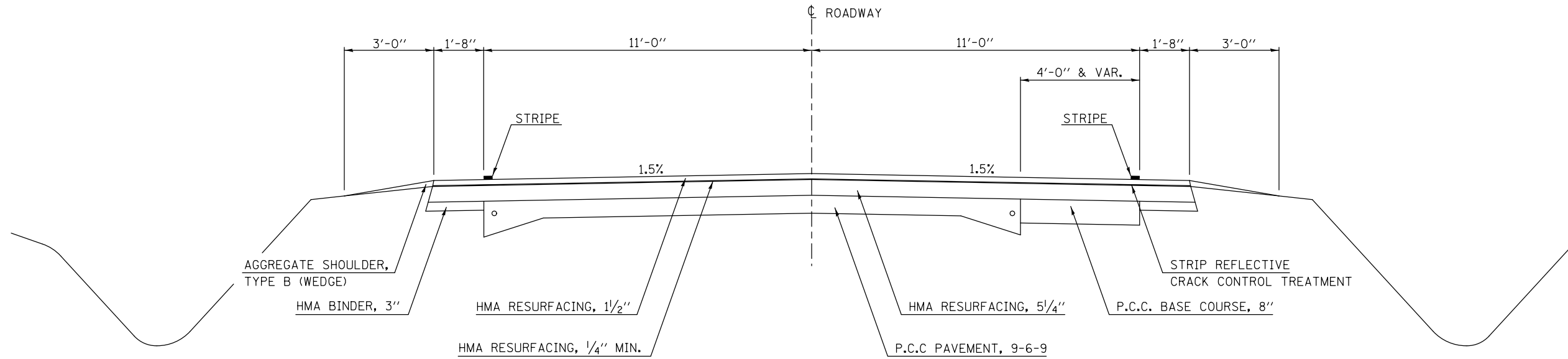
CODE NO	ITEM DESCRIPTION	UNIT	TOTAL									
45100100	CRACK ROUTING (PAVEMENT)	FOOT	89,728.0	17,993.0	222.0	7,413.0	7,597.0	12,353.0	23,860.0	1,770.0	10,900.0	7,620.0
45100200	CRACK FILLING	POUND	100,410.0	13,091.0	144.0	3,249.0	12,207.0	16,205.0	23,061.0	1,281.0	18,499.0	12,673.0
67100100	MOBILIZATION	L SUM	1.0	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1.0		0.1	0.1					0.5	0.3
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2.0		1.0	1.0						
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	0.4					0.5	0.1		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	1.0								
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1.0				0.4	0.3			0.3	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0			0.2	0.2	0.3			0.3	
* 78001110	PAINT PAVEMENT MARKING - LINE 4	FOOT	94,700.0	5,500.0	275.0	1,650.0	17,175.0	14,200.0	26,800.0	1,100.0	16,200.0	11,800.0
*DENOTES SPECIALTY ITEM												

10

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

① LOCATION 1 (IL 16) EXISTING TYPICAL CROSS SECTION

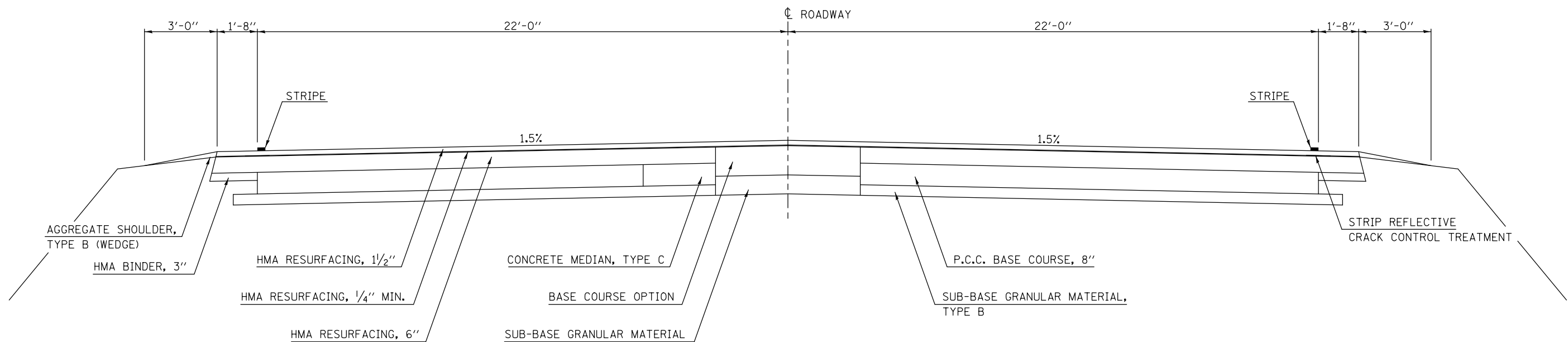
STATION TO STATION
600+30.00 663+11.47 ②



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

② LOCATION 1 (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 = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #1 (IL 16)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\idot\coombessf\d0421524\70777-sht-pln.dgn		DRAWN -	REVISED -			VAR.	•	VARIOUS	46	11
*MODELNAME#	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET 1 OF 2 SHEETS STA. TO STA.		CONTRACT NO. 70A77		
	PLOT DATE = 1/26/2015	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

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

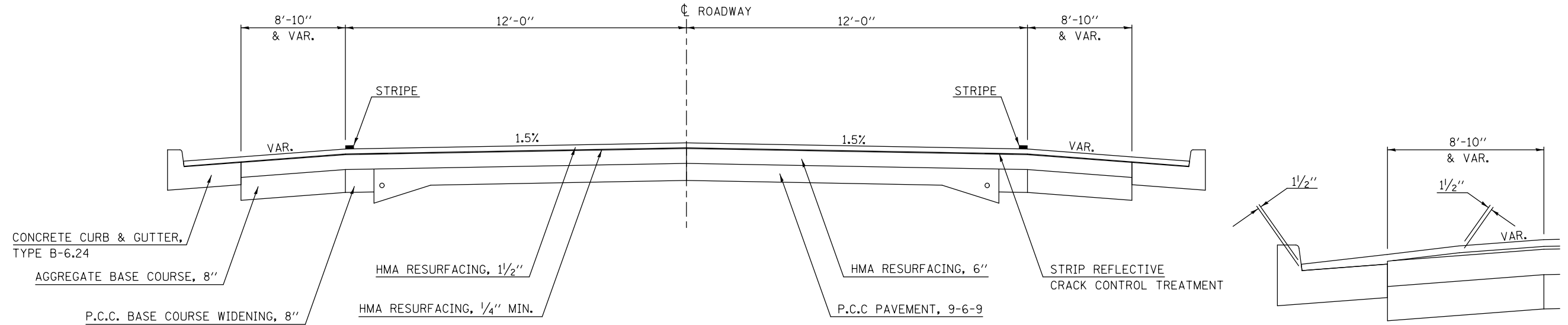
③

**LOCATION 1 (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

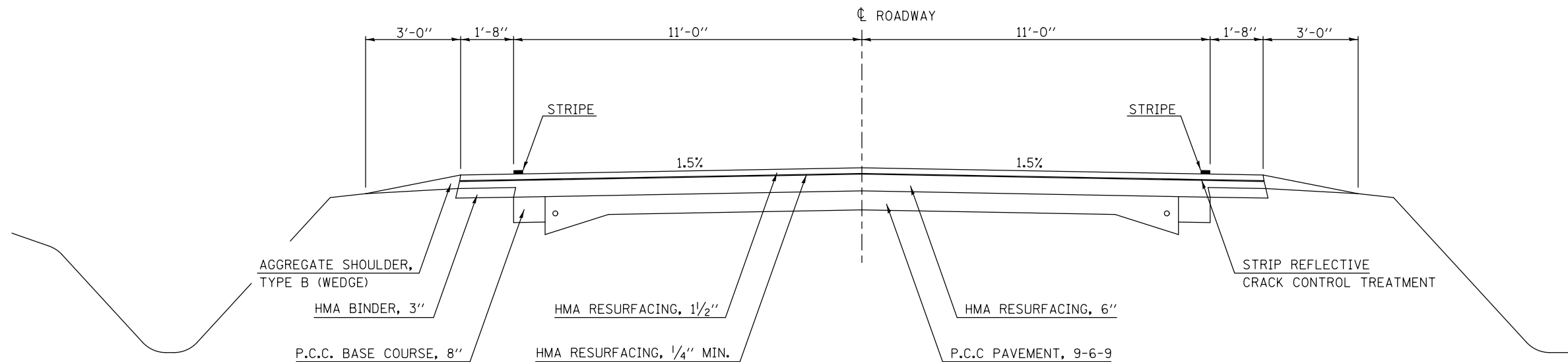


**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

④

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

STATION TO STATION
 ③ 701+30.16 818+62.80

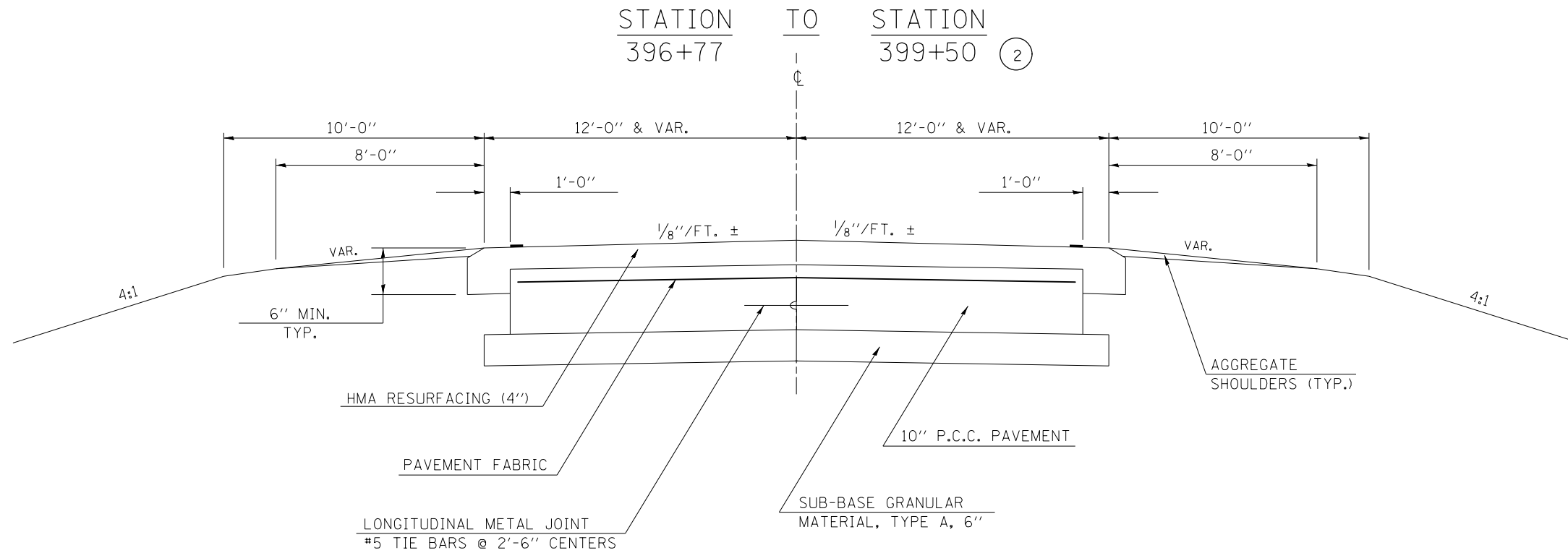


FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #1 (IL 16)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\idot\coombessf\d0421524\70777-sht.pln.dgn		DRAWN -	REVISED -		SCALE:	SHEET 2	OF 2 SHEETS	STA.	TO STA.	VARIOUS	46	12
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -							*D5 CRACK & JOINT SEAL 2015-1	CONTRACT NO. 70A77	
#MODELNAME#	PLOT DATE = 1/26/2015	DATE -	REVISED -							ILLINOIS FED. AID PROJECT		

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

1

LOCATION #2 (US 150) EXISTING TYPICAL SECTION



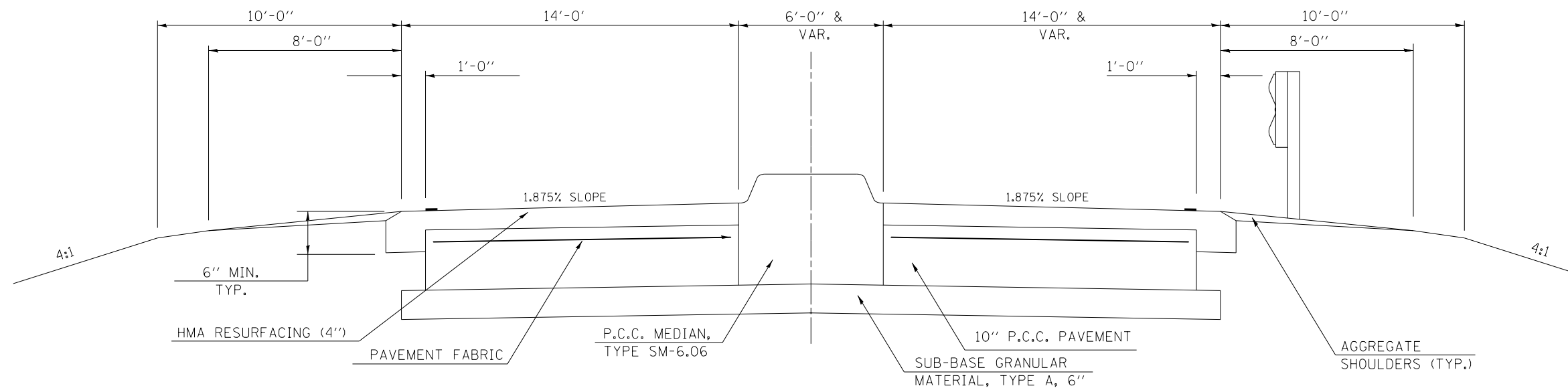
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

2

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

*OMISSION:S.N. 092-0051: STATION 408+65.06 TO STATION 410+89.34

STATION TO STATION
 2 399+50 401+94 3
 5 405+47 *408+65.06



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
ci:\pwork\pwork\coombessf\d0421524\706777-sht-plen.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #2 (US 150)

SCALE: SHEET 1 OF 10 SHEETS STA. TO STA.

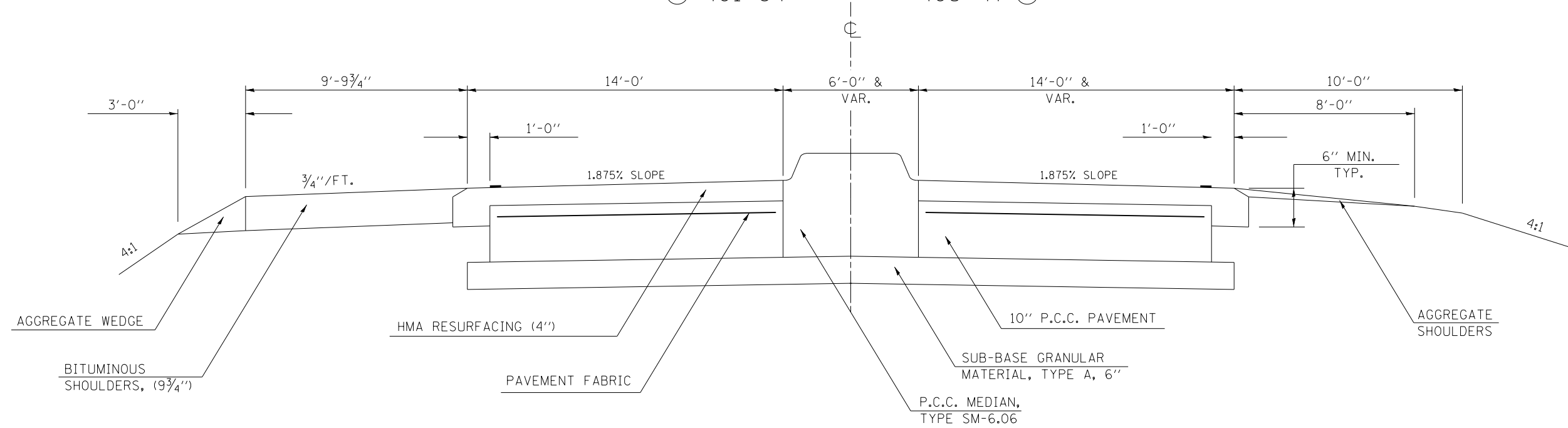
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		VARIOUS	46	13
*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

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

3

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

STATION TO STATION
② 401+94 TO 403+47 ④

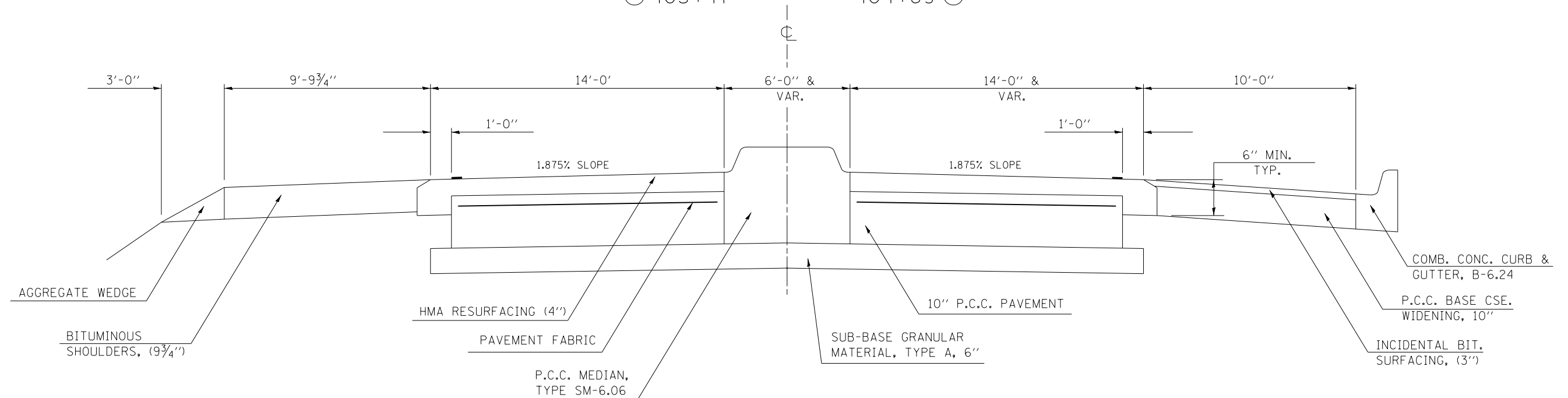


**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

4

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

STATION TO STATION
③ 403+47 TO 404+69 ⑤



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
ci:\pw\work\p\id\coombessf\d0421524\70777-sht-pln.dgn	777-sht-pln.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 1/26/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #2 (US 150)

SCALE: SHEET 2 OF 10 SHEETS STA. TO STA.

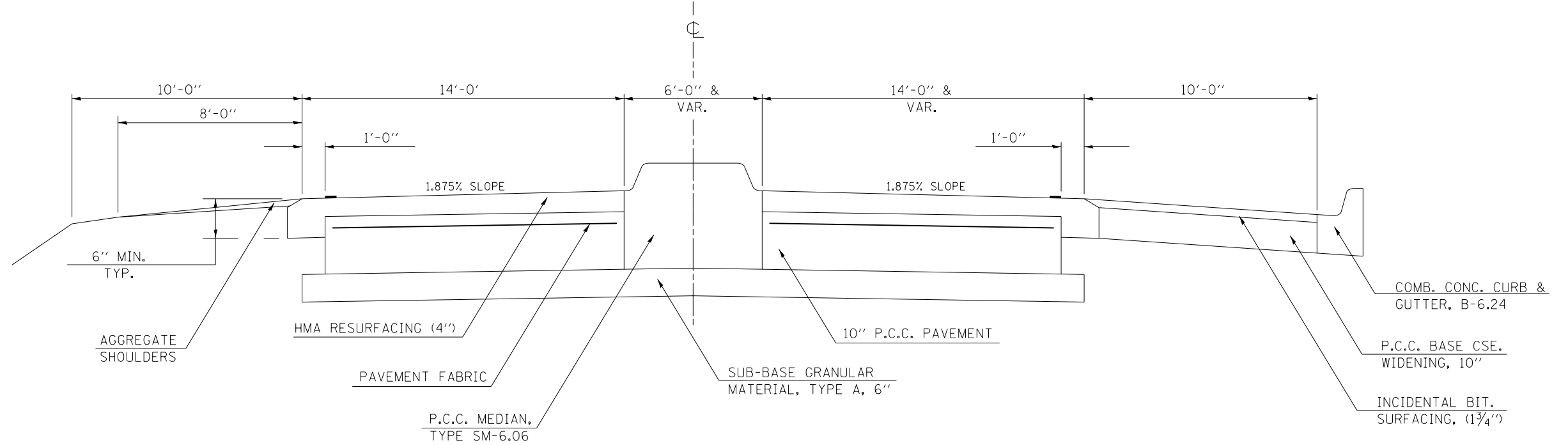
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	•	VARIOUS	46	14
•D5 CRACK & JOINT SEAL 2015-1		CONTRACT NO. 70A77		
ILLINOIS FED. AID PROJECT				

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

5

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

STATION TO STATION
④ 404+69 405+47 ②



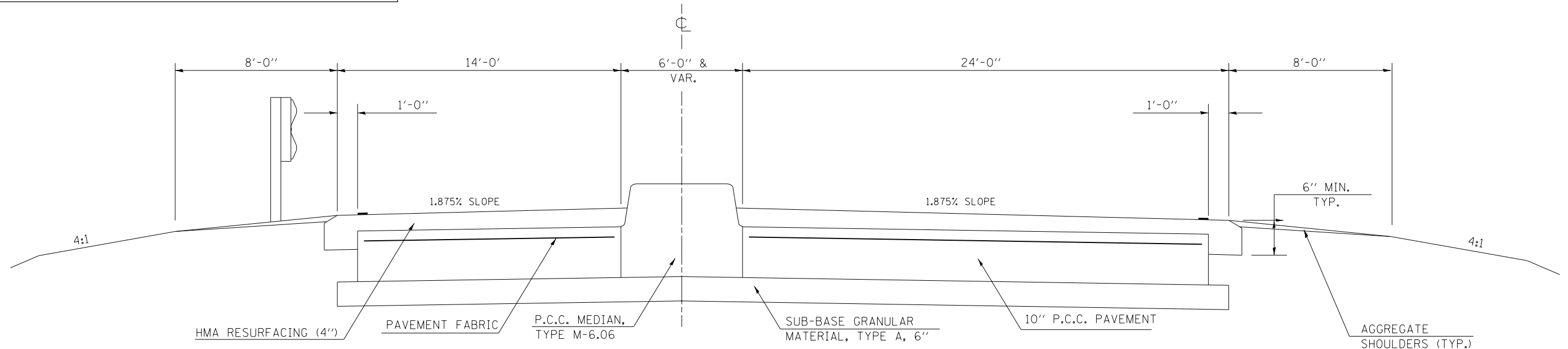
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

6

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

STATION TO STATION
*② 410+89.34 414+78 ⑦
⑦ 416+78 416+99 ⑧

*OMISSION: S.N. 092-0051: STATION 408+65.06 TO STATION 410+89.34



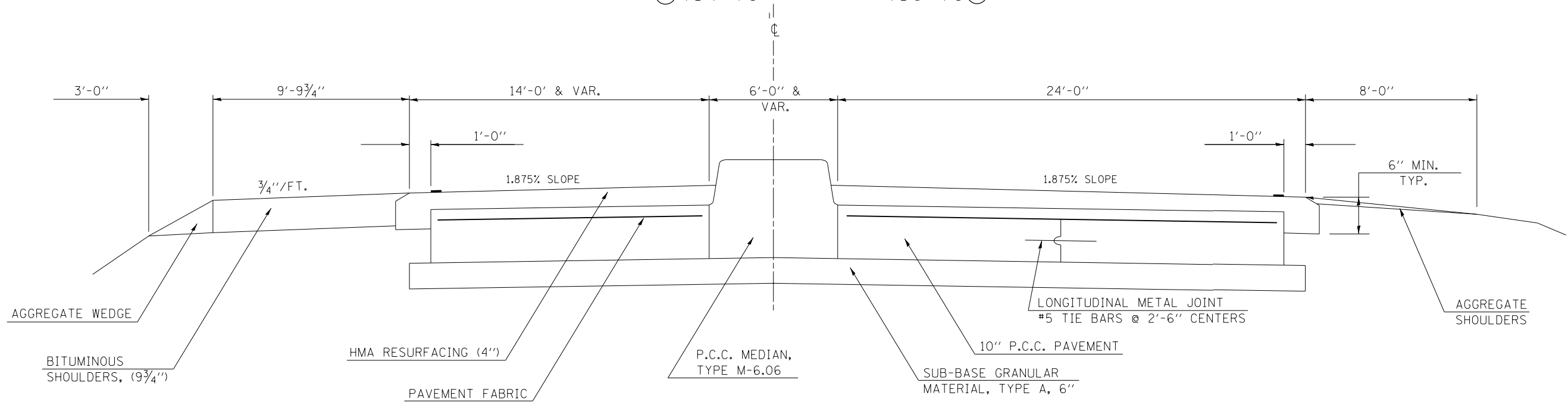
FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #2 (US 150)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pwork\pwork\coombessf\0421524\706777-sht-pln.dgn		DRAWN -	REVISED -		SCALE:	SHEET 3	OF 10 SHEETS	STA.	TO STA.	VARIOUS	46	15
		CHECKED -	REVISED -		*D5 CRACK & JOINT SEAL 2015-1							
#MODELNAME#	PLOT DATE = 1/26/2015	DATE -	REVISED -		CONTRACT NO. 70A77 ILLINOIS FED. AID PROJECT							

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

7

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

STATION TO STATION
⑥414+78 TO 416+78⑥



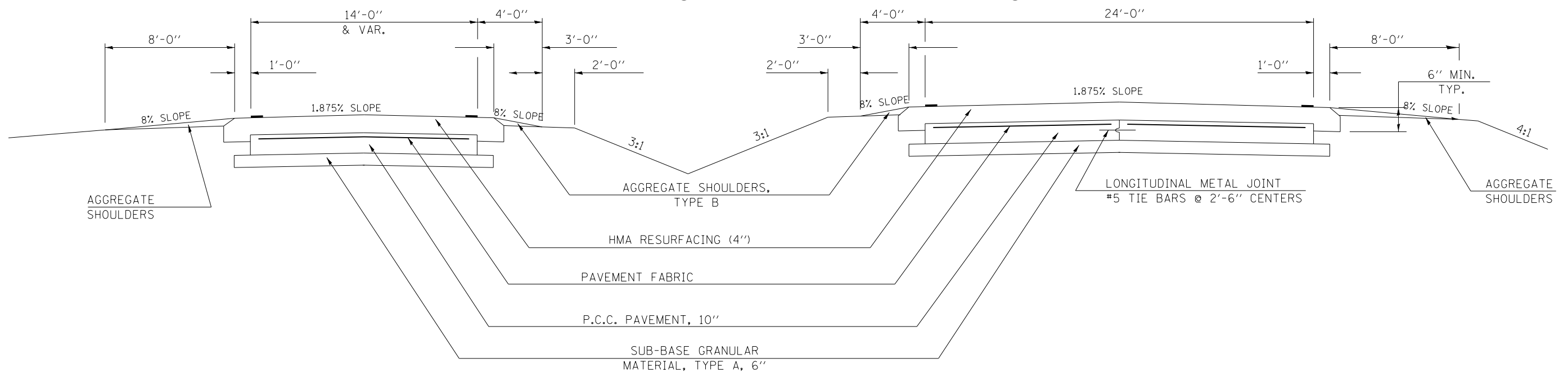
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

8

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

STATION TO STATION
⑥416+99 TO 417+92 ⑨
⑨ * 418+47 TO 423+48 ⑩

* NOTE:
FROM RT. STATION 418+47 TO RT. STATION 423+48,
SEE PROPOSED TYPICAL CROSS SECTION # 10



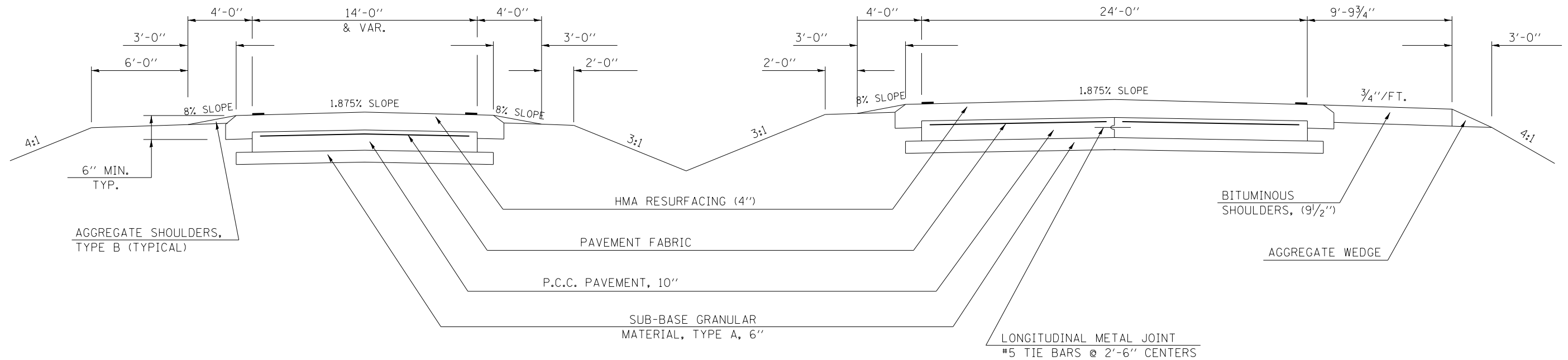
FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #2 (US 150)		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\idot\coombessf\d0421524\706777-sht-plen.dgn		DRAWN -	REVISED -		SCALE:	SHEET 4 OF 10 SHEETS	STA.	TO STA.	VAR.	ILLINOIS	46	16
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -						*D5 CRACK & JOINT SEAL 2015-1	CONTRACT NO. 70A77		
*MODELNAME#	PLOT DATE = 1/26/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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

9

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

STATION TO STATION
⑧ 417+92 TO 418+47 ⑧



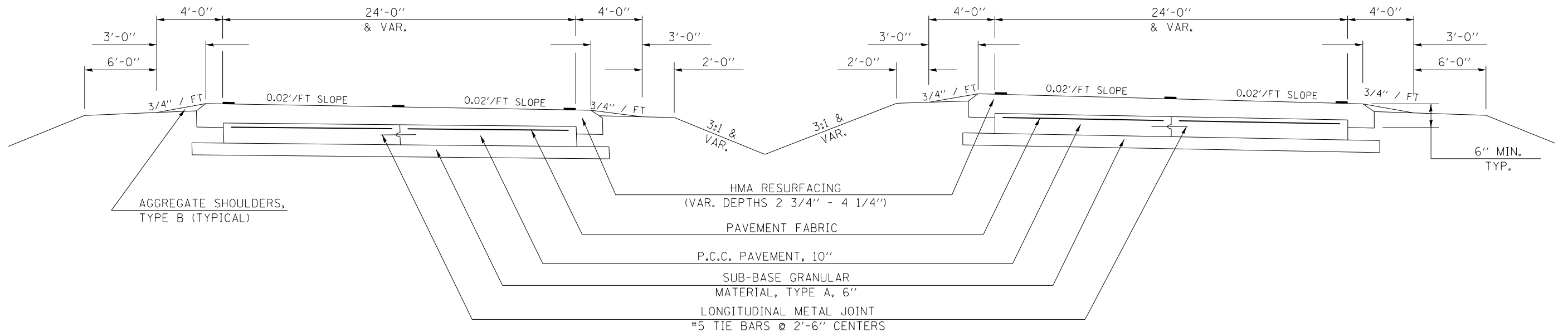
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

10

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

STATION TO STATION

NOTE: NORMAL CROWN SECTION STA. 475+00 TO STA. 496+10
 ⑧ * 423+48 TO 447+82.84 ⑪
 ⑪ ** 460+40.87 TO 515+87 ⑫
 ⑫ ** 525+63 TO 586+88 ⑬



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
ci:\pw\work\p\idot\coombessf\d0421524\70777-sht-plen.dgn		DRAWN -	REVISED -
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 1/26/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #2 (US 150)

SCALE: SHEET 5 OF 10 SHEETS STA. TO STA.

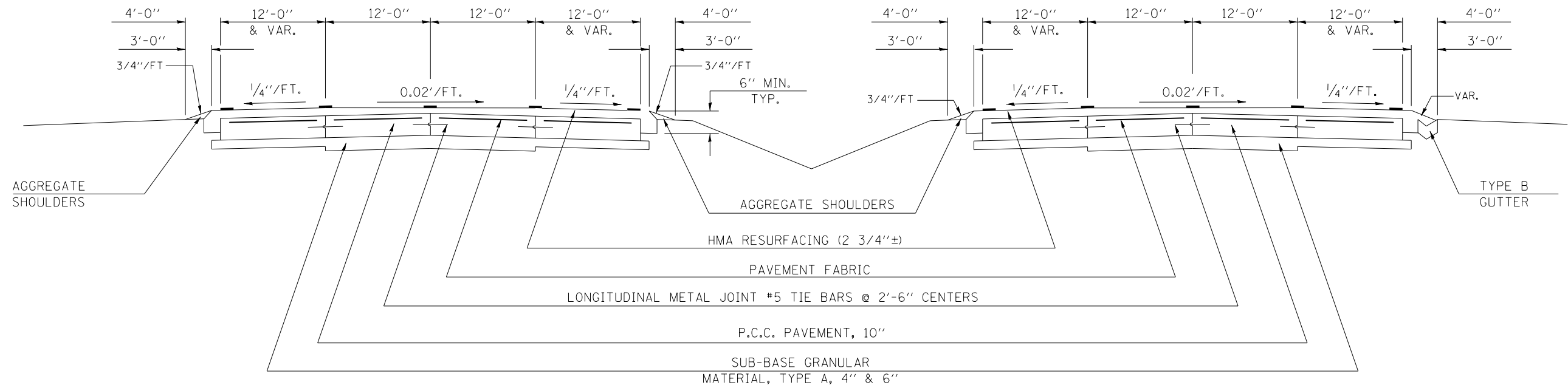
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	46	17
*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

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

11

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

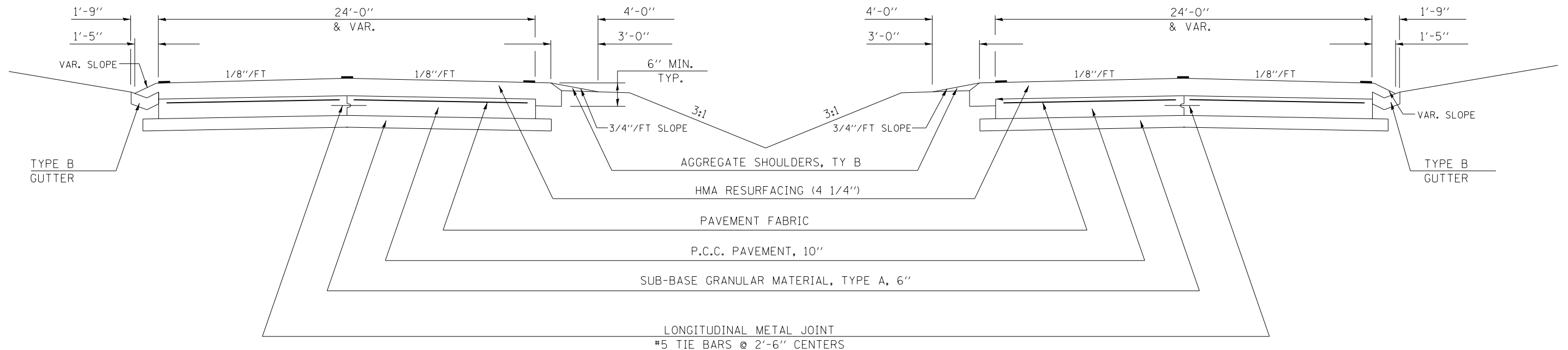
STATION TO STATION
⑩ 447+82.84 TO 460+40.87 ⑩



12

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

STATION TO STATION
⑩ 515+87 TO 525+63 ⑩



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
c:\pwwork\pwwork\coombessf\d0421524\706777-sht-pln.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #2 (US 150)

SCALE: SHEET 6 OF 10 SHEETS STA. TO STA.

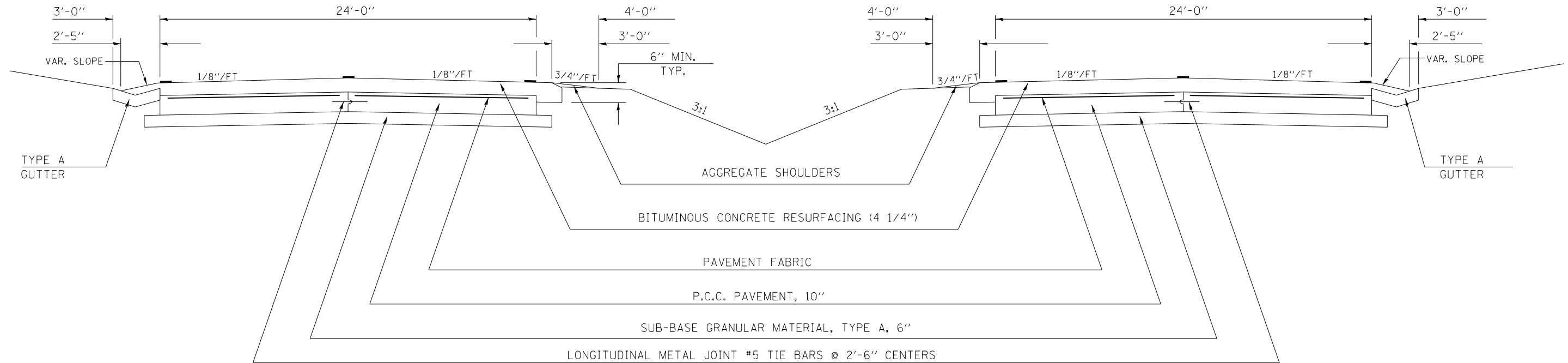
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	.	VARIOUS	46	18
*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

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

13

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

STATION TO STATION
 ⑩ 586+88 TO 588+20 ⑭

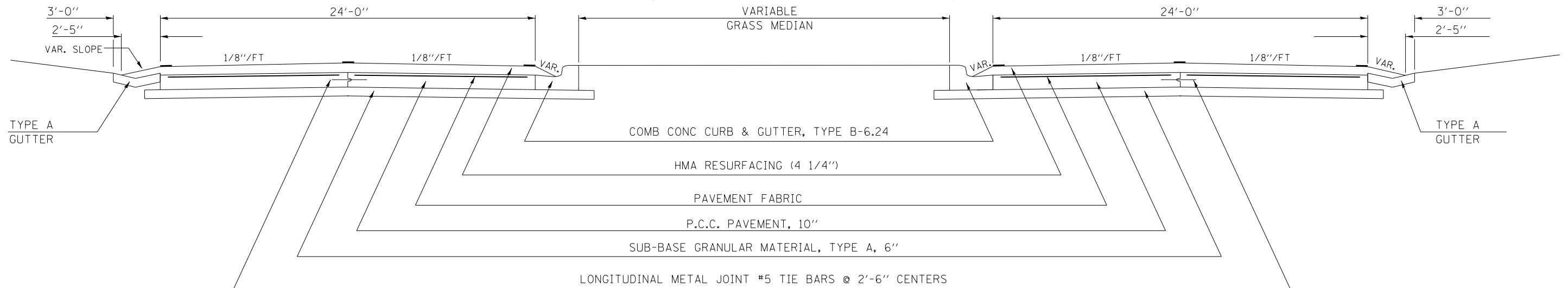


**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

14

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

STATION TO STATION
 ⑬ 588+20 TO 593+50 ⑮



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
ci:\pw\work\p\dot\coombessf\d0421524\70777-sht-pln.dgn		DRAWN -	REVISED -
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
*MODELNAME#	PLOT DATE = 1/26/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #2 (US 150)

SCALE: SHEET 7 OF 10 SHEETS STA. TO STA.

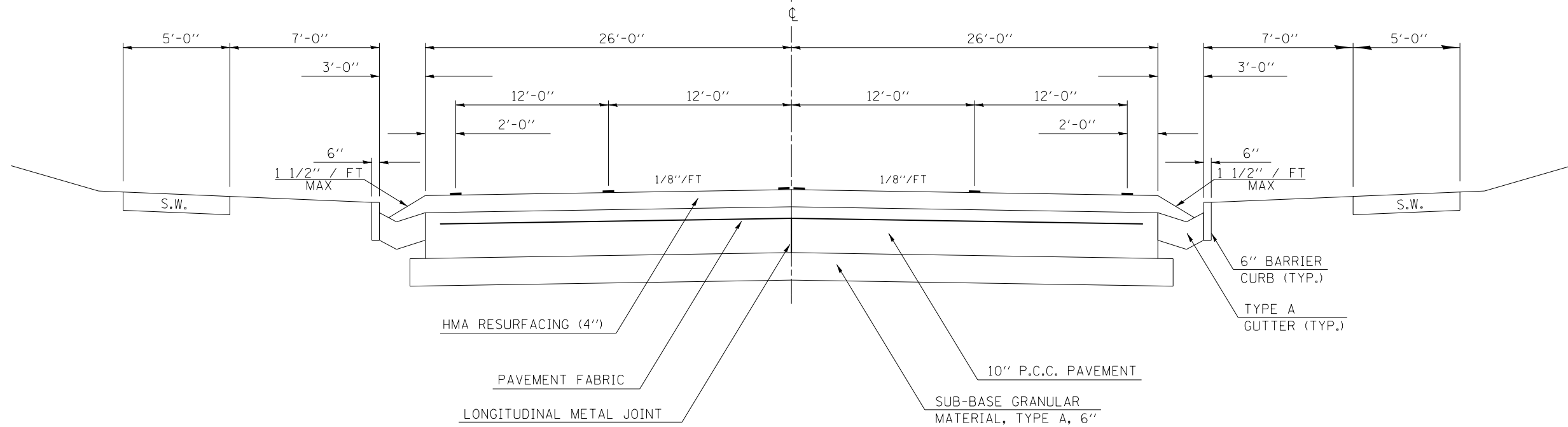
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	•	VARIOUS	46	19
*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

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

15

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

STATION TO STATION
14 593+50 TO 595+00 16

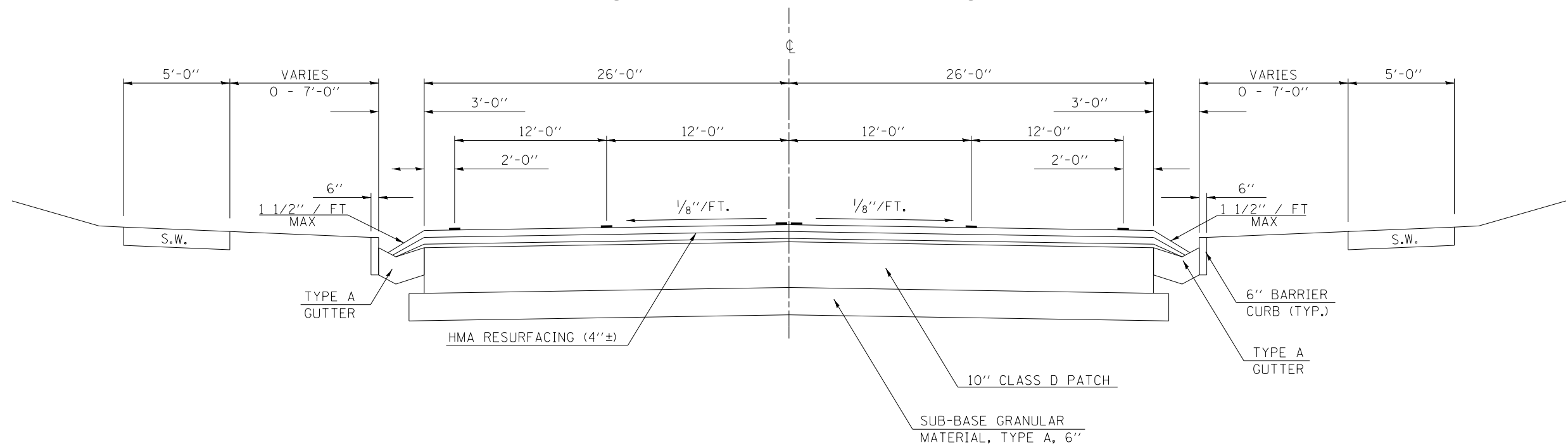


**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

16

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

STATION TO STATION
15 595+00 TO 599+39 17



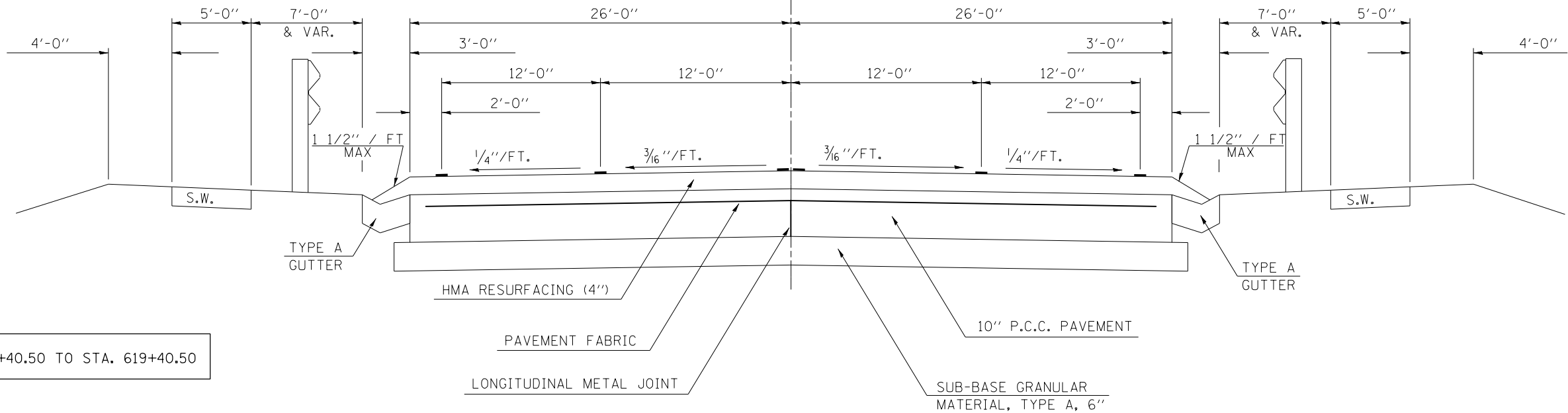
FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #2 (US 150)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwork\work\pwork\coombessf\0421524\70777-sht-plen.dgn		DRAWN -	REVISED -		SCALE:	SHEET 8	OF 10	SHEETS	STA.	TO STA.	VARIOUS	46	20
		CHECKED -	REVISED -					*D5 CRACK & JOINT SEAL 2015-1		CONTRACT NO. 70A77			
#MODELNAME#	PLOT DATE = 1/26/2015	DATE -	REVISED -					ILLINOIS FED. AID PROJECT					

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

17

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

STATION TO STATION
 ⑩ 599+39 TO 613+40.50 ⑮ •



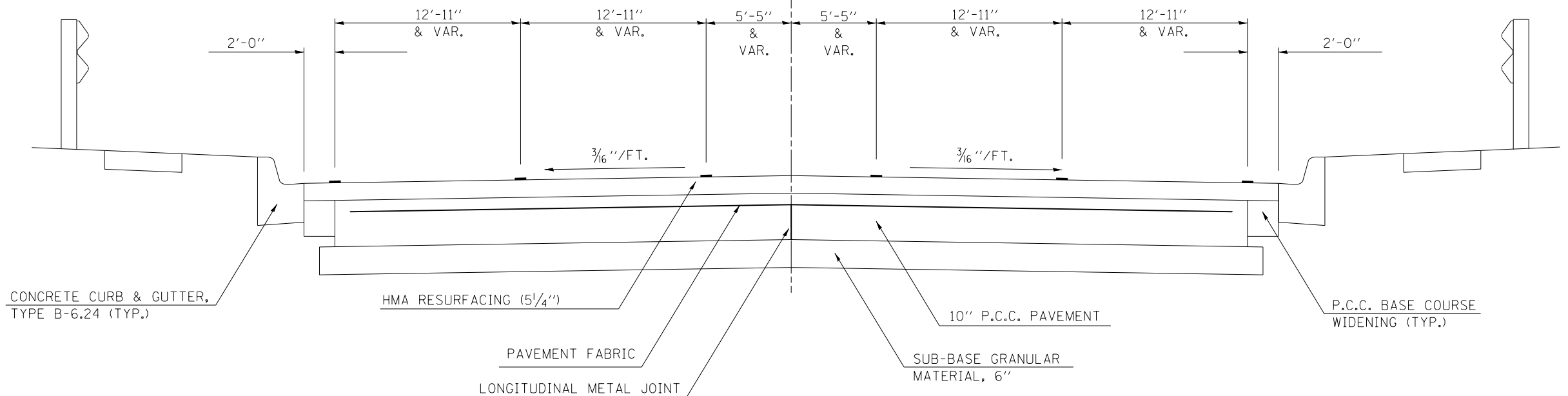
* BRIDGE OMISSION: STA. 613+40.50 TO STA. 619+40.50

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

18

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

STATION TO STATION
 ⑰ 619+40.50 TO 622+89.31 BK
 LOGAN AVE.=186+81.78 AH ⑲



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
ci:\pw\work\p\idot\coombessf\d0421524\70777-sht-plen.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
#MODELNAME#	PLOT DATE = 1/26/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #2 (US 150)

SCALE: SHEET 9 OF 10 SHEETS STA. TO STA.

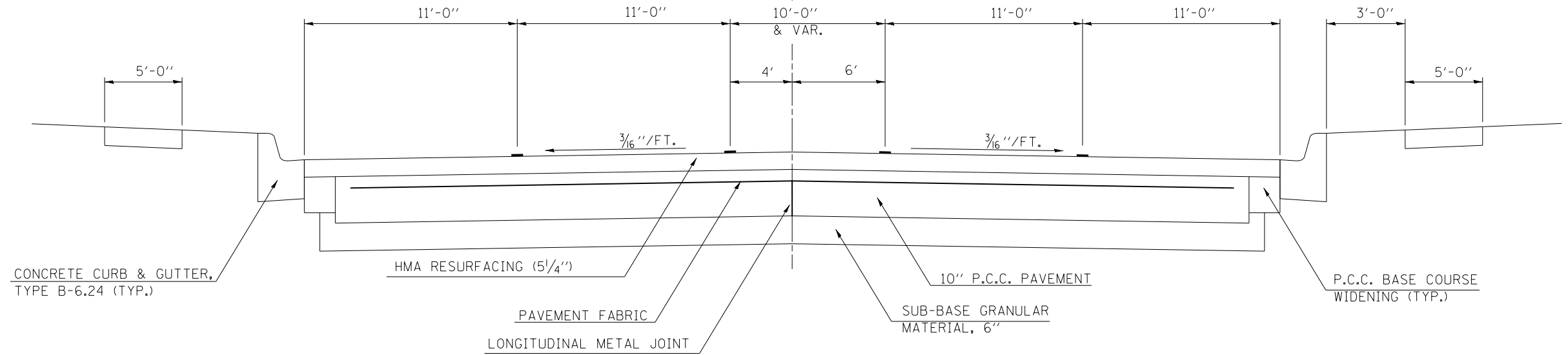
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	•	VARIOUS	46	21
•D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

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

19

LOCATION #2 (US 150) EXISTING TYPICAL SECTION

STATION TO STATION
 186+81.78 AH TO 188+46
 LOGAN AVE.
 = 622+89.31 BK U.S. 150



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
ci:\pw\work\p\dot\coombessf\d0421524\706777-sht-pln.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
#MODELNAME#	PLOT DATE = 1/26/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #2 (US 150)

SCALE: SHEET 10 OF 10 SHEETS STA. TO STA.

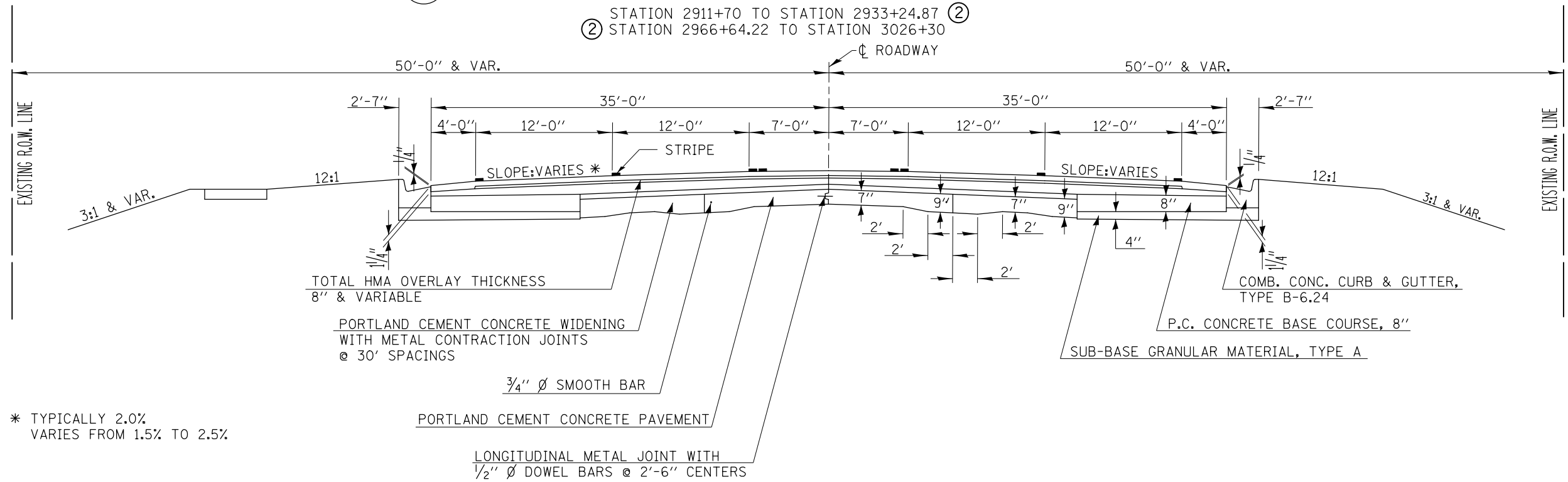
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	•	VARIOUS	46	22
•D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

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

LOCATION #3 (US 150) EXISTING TYPICAL SECTION

1

② STATION 2911+70 TO STATION 2933+24.87
② STATION 2966+64.22 TO STATION 3026+30

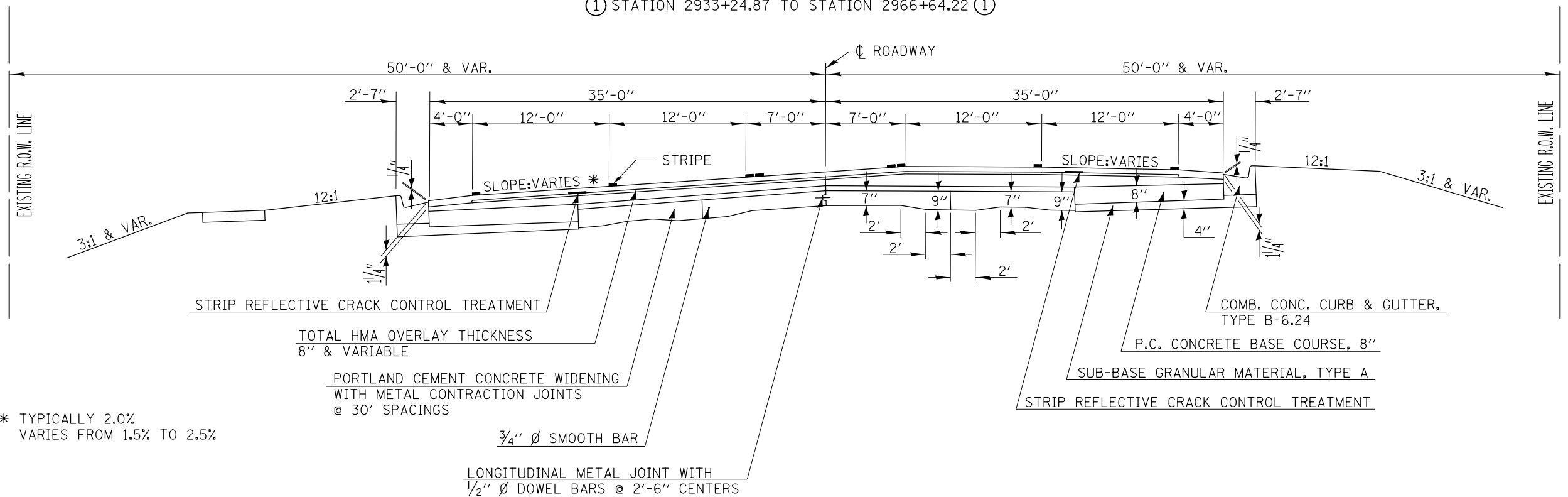


**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

LOCATION #3 (US 150) EXISTING TYPICAL SECTION

2

① STATION 2933+24.87 TO STATION 2966+64.22 ①



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
ci:\pw_work\p1dot\coombessf\d0421524\70777-sht-plen.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 1/26/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #3 (US 150)

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

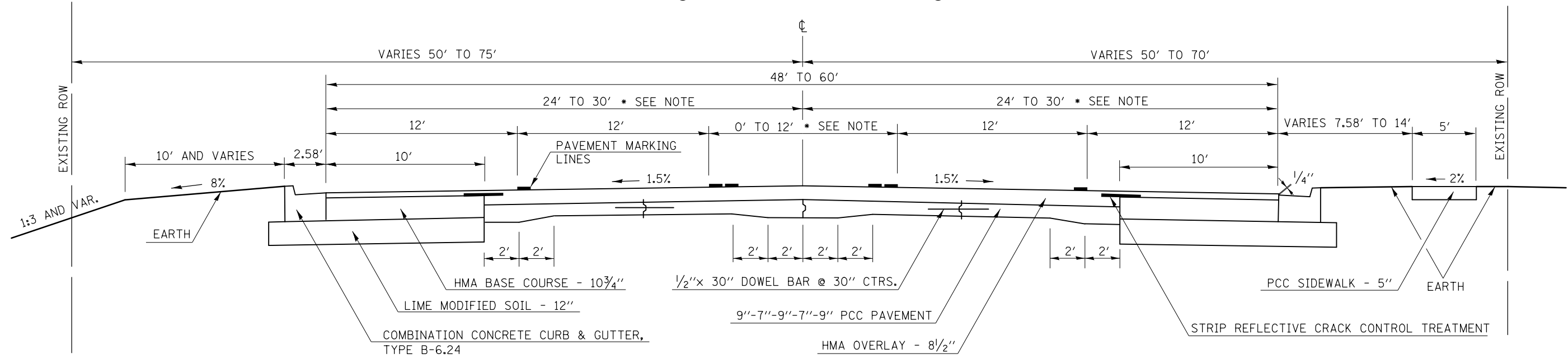
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		VARIOUS	46	23
*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

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

1

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

- ② STA. 62 + 23.58 - STA. 71 + 75.00 ②
- ② STA. 74 + 50.00 - STA. 78 + 00.00 ②
- ② STA. 79 + 80.00 - STA. 128 + 83.17 ③



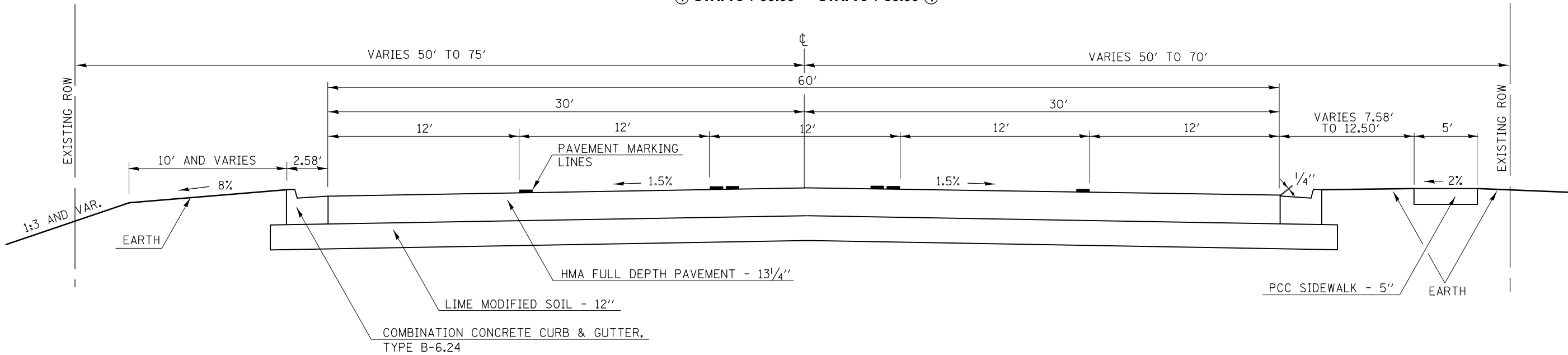
* NOTE: THE EXISTING PAVEMENT WIDTH TRANSITIONS FROM 60' E/E AT STA. 127+00 TO 48' E/E AT STA. 130+00

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

2

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

- ① STA. 71 + 75.00 - STA. 74 + 50.00 ①
- ① STA. 78 + 00.00 - STA. 79 + 80.00 ①



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #4 (IL 1)		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw\work\p\idot\coombessf\d0421524\70777-sht.pln.dgn		DRAWN -	REVISED -		SCALE:	SHEET 1 OF 10 SHEETS	STA.	TO STA.	VAR.	VARIOUS	46	24
		CHECKED -	REVISED -						*D5 CRACK & JOINT SEAL 2015-1		CONTRACT NO. 70A77	
#MODELNAME#	PLOT DATE = 1/26/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

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

3

① STA. 128 + 83.17 – STA. 143 + 29.39 ④

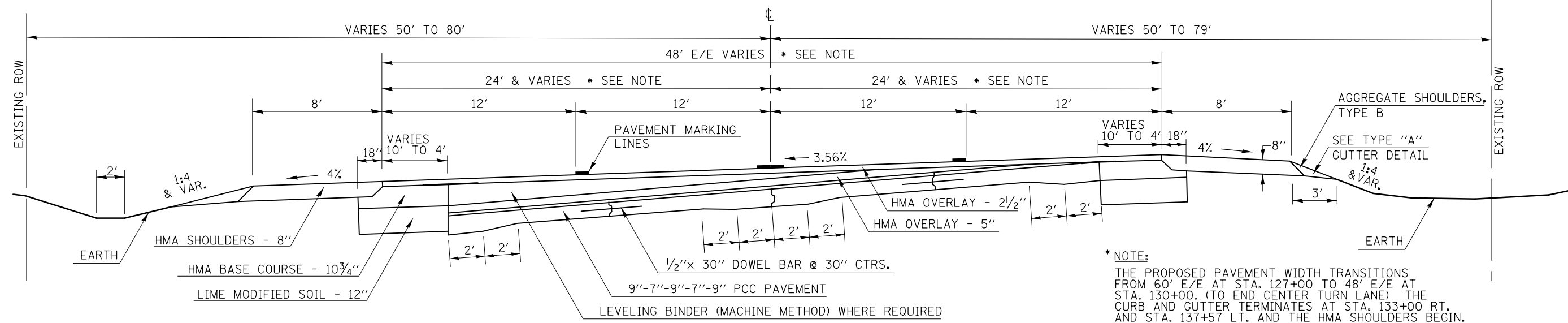
S.E. TRANSITION: 128 + 83.17 – 131 + 43.17
FULL S.E. : 131 + 43.17 – 143 + 29.39

COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24

HMA BASE COURSE - 10 3/4"

SUB-BASE GRANULAR MATERIAL, TYPE A - 12"

COMBINATION CONCRETE CURB & GUTTER DETAIL



* NOTE:
THE PROPOSED PAVEMENT WIDTH TRANSITIONS FROM 60' E/E AT STA. 127+00 TO 48' E/E AT STA. 130+00, (TO END CENTER TURN LANE) THE CURB AND GUTTER TERMINATES AT STA. 133+00 RT. AND STA. 137+57 LT. AND THE HMA SHOULDERS BEGIN.

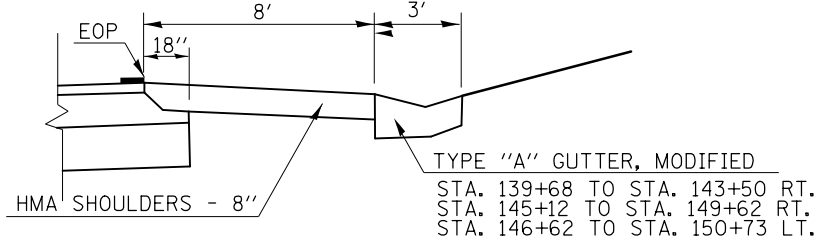
LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

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

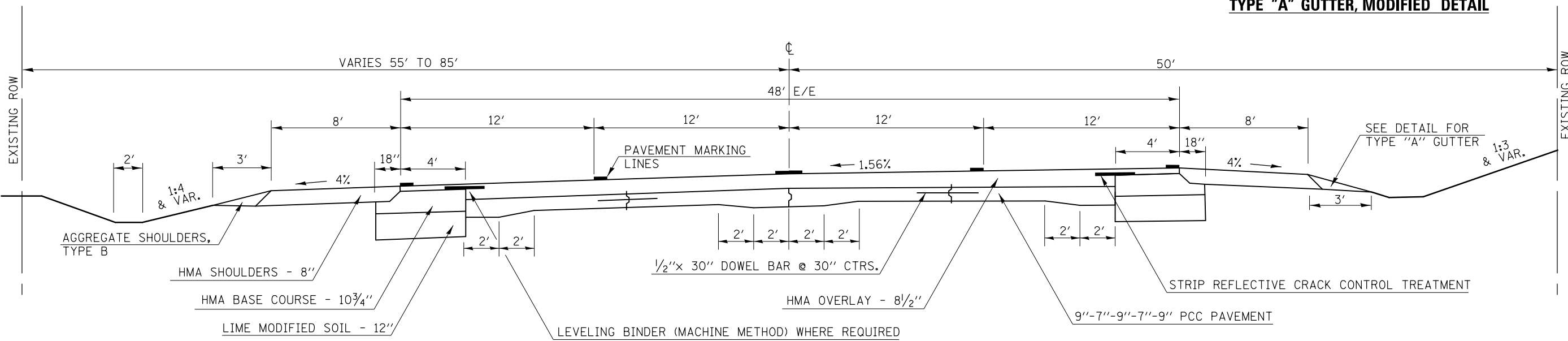
4

③ STA. 143 + 29.39 – STA. 151 + 46.04 ⑤

S.E. TRANSITIONS: 143 + 29.39 – 145 + 24.39



TYPE "A" GUTTER, MODIFIED DETAIL



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
ci:\pw_work\p\dot\coombessf\d0421524\70777-sht.pln.dgn		DRAWN -	REVISED -
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 1/26/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS LOCATION #4 (IL 1)			
SCALE:	SHEET 2 OF 10 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	46	25
*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

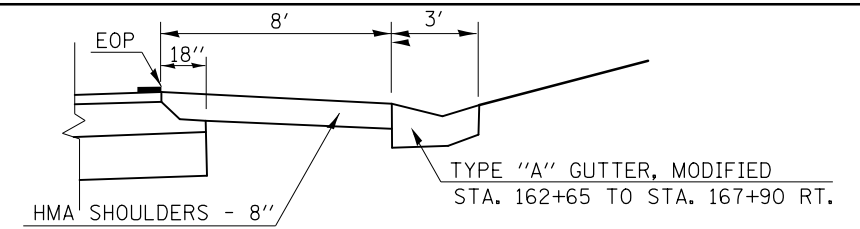
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

5

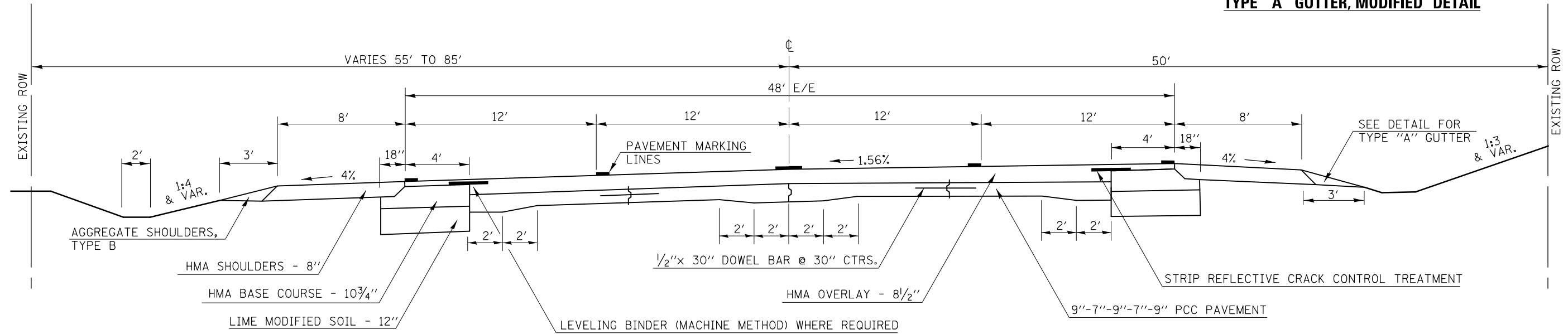
LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

④ STA. 151+46.04 – STA. 163+67.80 ⑥

S.E. TRANSITIONS: 161+27.80 – 163+67.80



TYPE "A" GUTTER, MODIFIED DETAIL



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

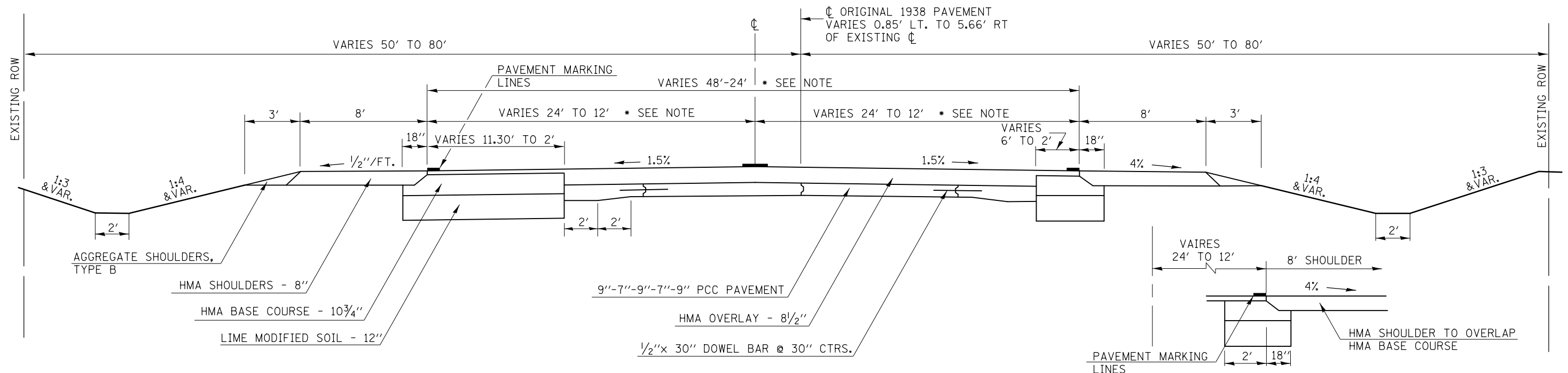
STATION EQUATION:
174+83.87 (BK) =
175+02.84 (AH)

6

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

⑤ STA. 163+67.80 – STA. 174+83.87 ⑦

S.E. TRANSITION TO AHEAD CURVE: 172+43.87 – 174+83.87



* NOTE: THE EXISTING PAVEMENT WIDTH TRANSITIONS FROM 48' E/E AT STA. 166+62.82 TO 24' E/E AT STA. 174+83.87

FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #4 (IL 1)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pwork\work\pwork\coombessf\10421524\70777-sht-plen.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -			VAR.	VARIOUS	46	26	
*MODELNAME#	PLOT DATE = 1/26/2015	CHECKED -	REVISED -			*DS CRACK & JOINT SEAL 2015-1		CONTRACT NO. 70A77		
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

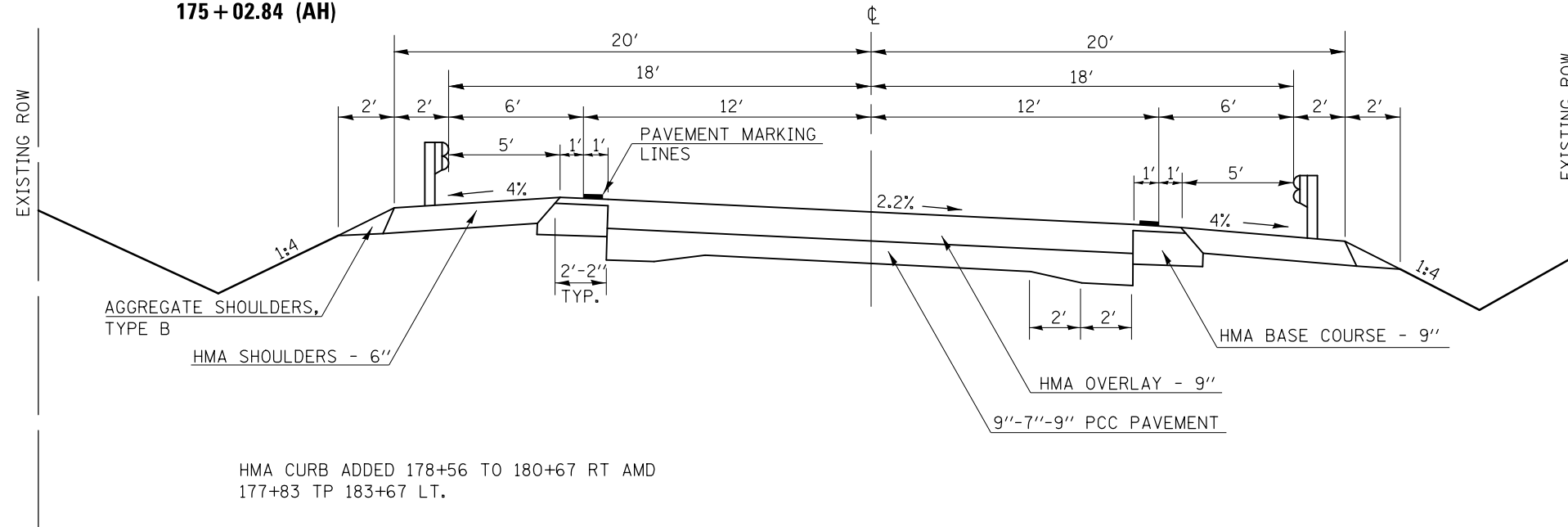
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

7

⑥ STA. 175 + 02.84 – STA. 187 + 42.50 ⑧

STATION EQUATION:
174 + 83.87 (BK) =
175 + 02.84 (AH)

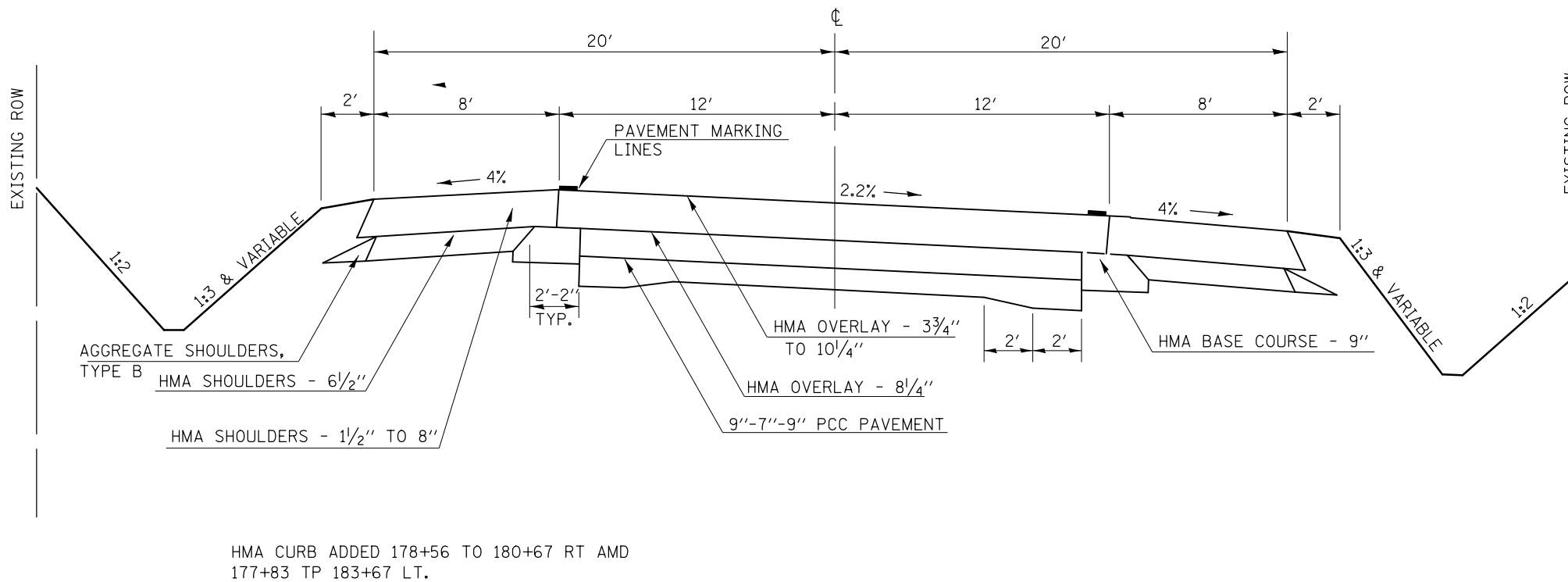


**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

8

⑦ STA. 187 + 42.50 – STA. 188 + 78.50 ⑨



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -
*MODELNAME#	PLOT DATE = 1/26/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #4 (IL 1)

SCALE: SHEET 4 OF 10 SHEETS STA. TO STA.

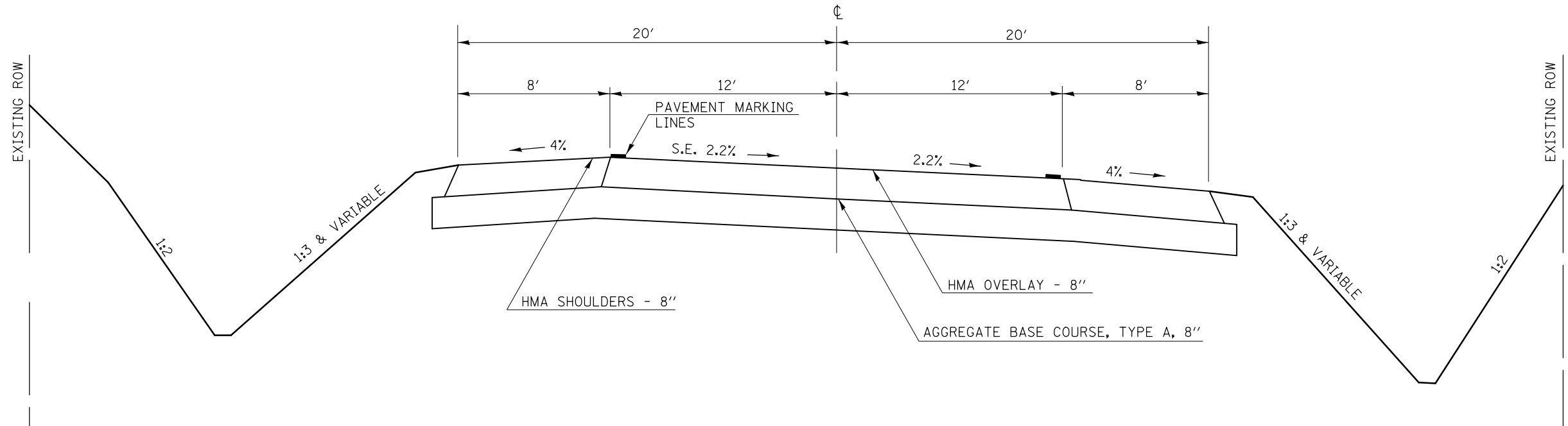
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		VARIOUS	46	27
*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

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

9

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

⑧ STA. 188 + 78.50 – STA. 192 + 25.00 ⑩

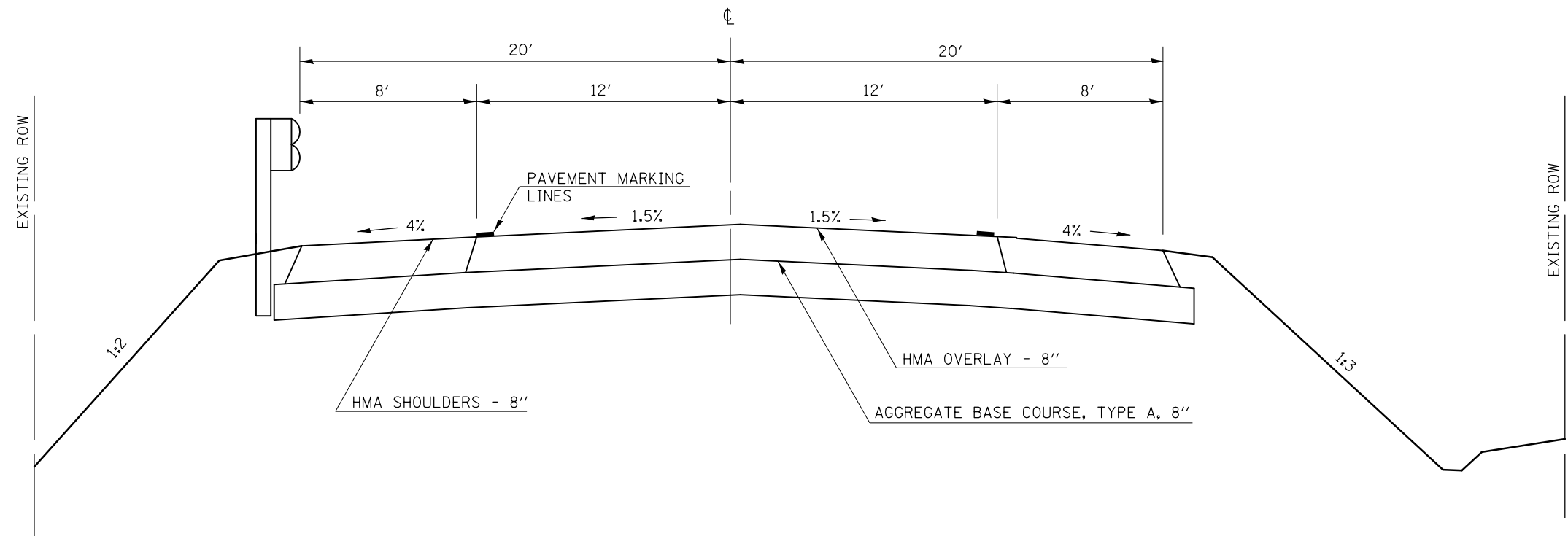


**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

10

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

⑨ STA. 192 + 25.00 – STA. 196 + 22.82 ⑪



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -
MODELNAME	PLOT DATE = 1/26/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #4 (IL 1)

SCALE: N/A SHEET 5 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		VARIOUS	46	28
*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

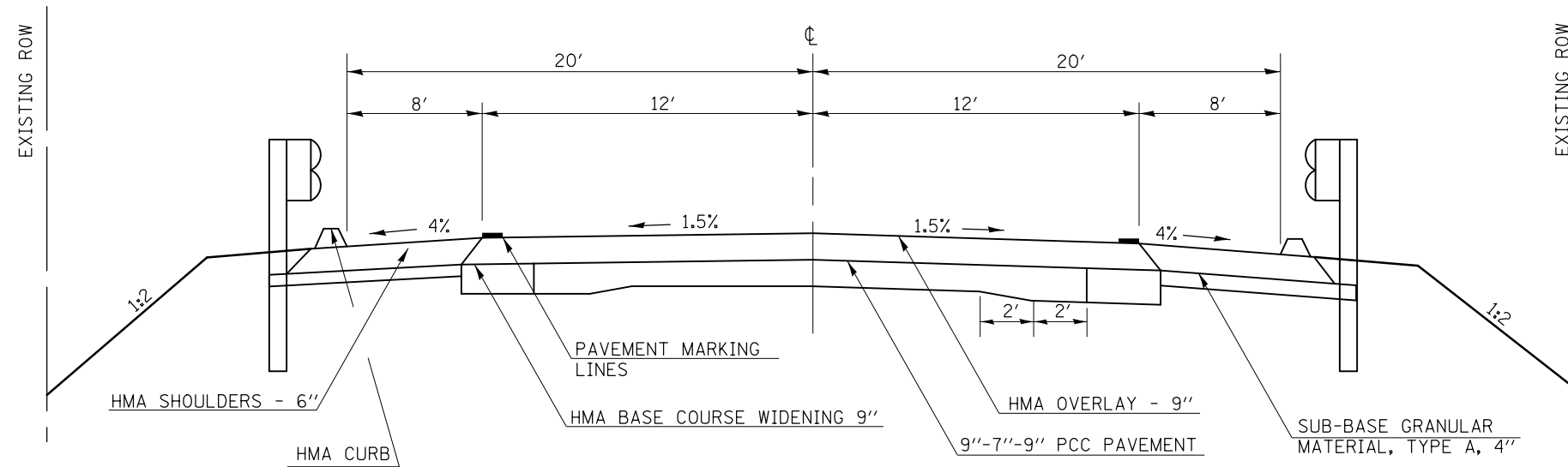
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

11

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

10 STA. 196 + 22.82 - STA. 202 + 00.00 12

SN 092-0205 OMISSION
STA. 196 + 22.82 TO STA. 201 + 04.68

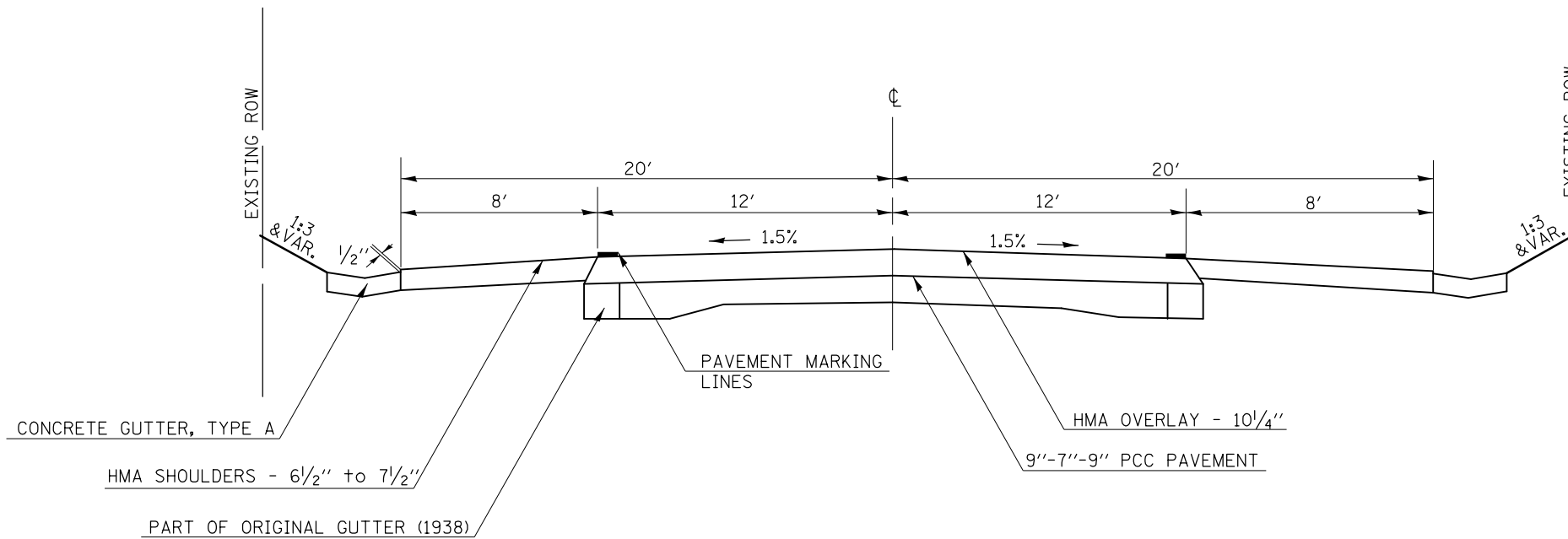


**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

12

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

11 STA. 202 + 00.00 - STA. 225 + 82.00 13



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -
#MODELNAME#	PLOT DATE = 1/26/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #4 (IL 1)

SCALE: N/A SHEET 6 OF 10 SHEETS STA. TO STA.

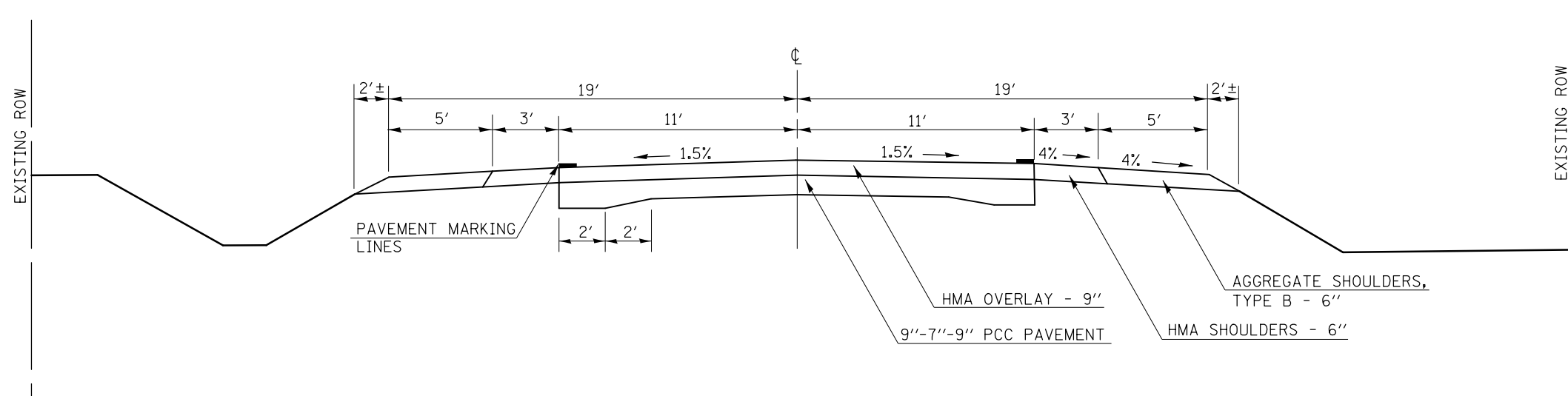
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VARIOUS	46	29
•D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

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

13

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

- ⑫ STA. 225 + 82.00 TO STA. 346 + 15.00 ⑭
- ⑭ STA. 369 + 33.00 TO STA. 377 + 29.00 ⑮
- ⑮ STA. 394 + 48.00 TO STA. 497 + 00.00 ⑯

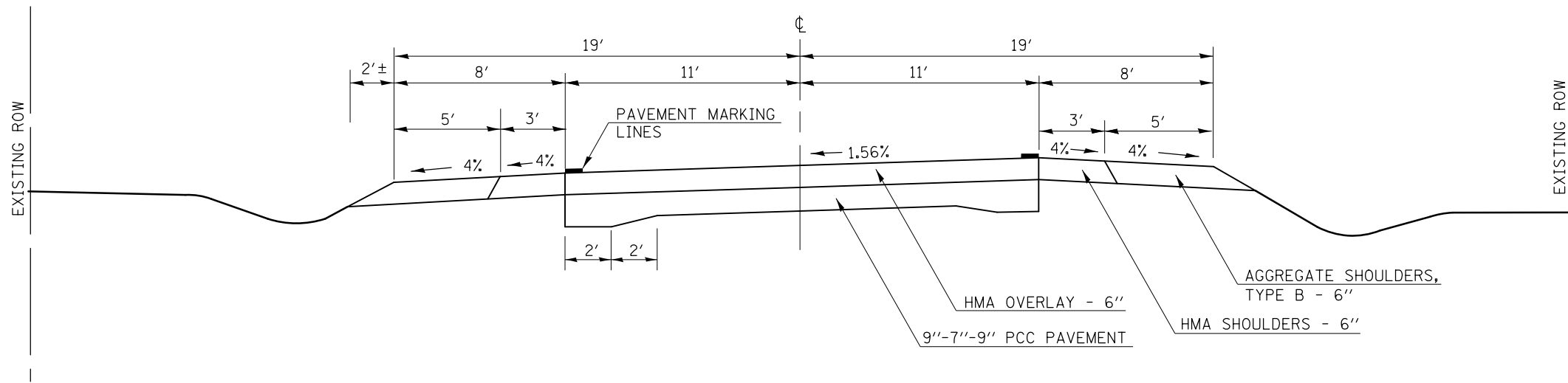


**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

14

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

- ⑬ STA. 346 + 15.00 TO STA. 369 + 33.00 ⑬



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL CROSS SECTIONS
LOCATION #4 (IL 1)**

SCALE: SHEET 7 OF 10 SHEETS STA. TO STA.

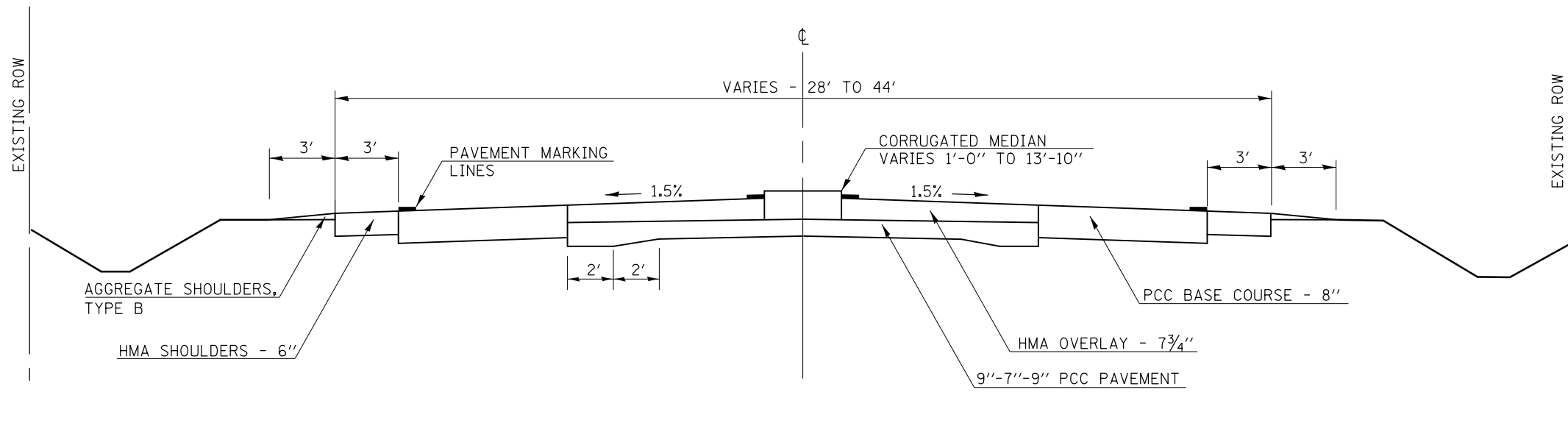
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VARIOUS	46	30
•D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

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

15

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

13 STA. 377 + 29.00 TO STA. 394 + 48.00 13

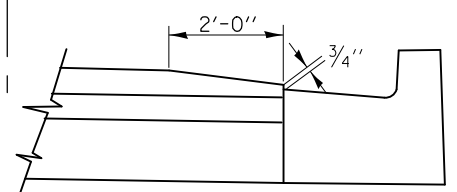
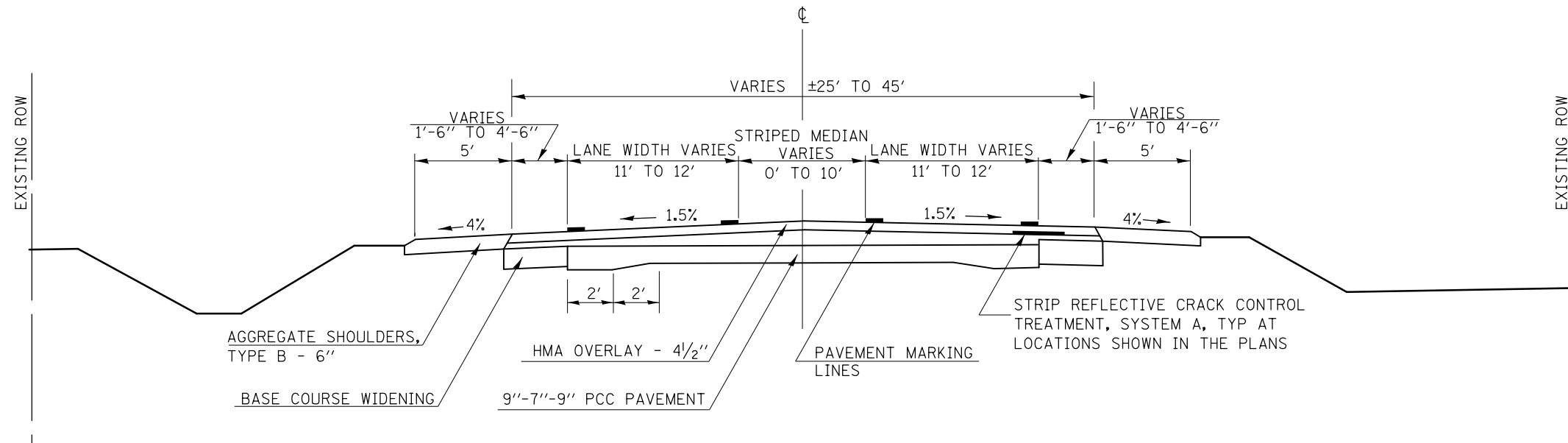


**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

16

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

13 STA. 497 + 00.00 TO STA. 515 + 23.00 17
STA. 614 + 26.00 TO STA. 625 + 79.00 (US 136 / IL 119)



DETAIL - SURFACING AT GUTTER

FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
*MODELNAME#	PLOT DATE = 1/26/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #4 (IL 1)

SCALE: SHEET 8 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VARIOUS	46	31
*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

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

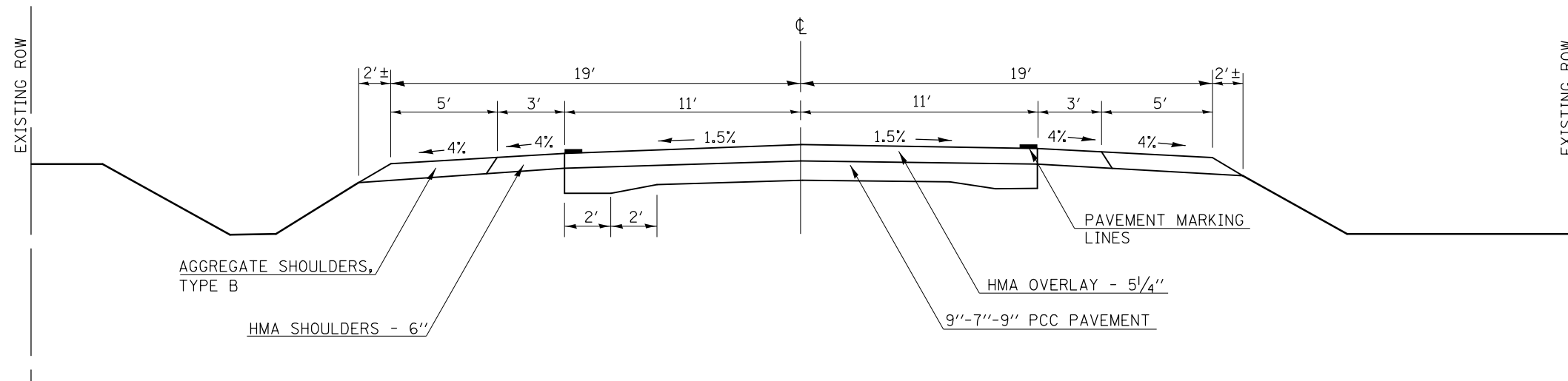
17

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

⑩ STA. 515 + 23.00 TO STA. 593 + 09.00 ⑮
⑰ STA. 617 + 20.00 TO STA. 627 + 05.61 ⑱

SN 092-0189 OMISSION
STA. 520 + 02.50 TO STA. 520 + 67.50

SN 092-0034 OMISSION
STA. 621 + 00.40 TO STA. 624 + 81.00



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

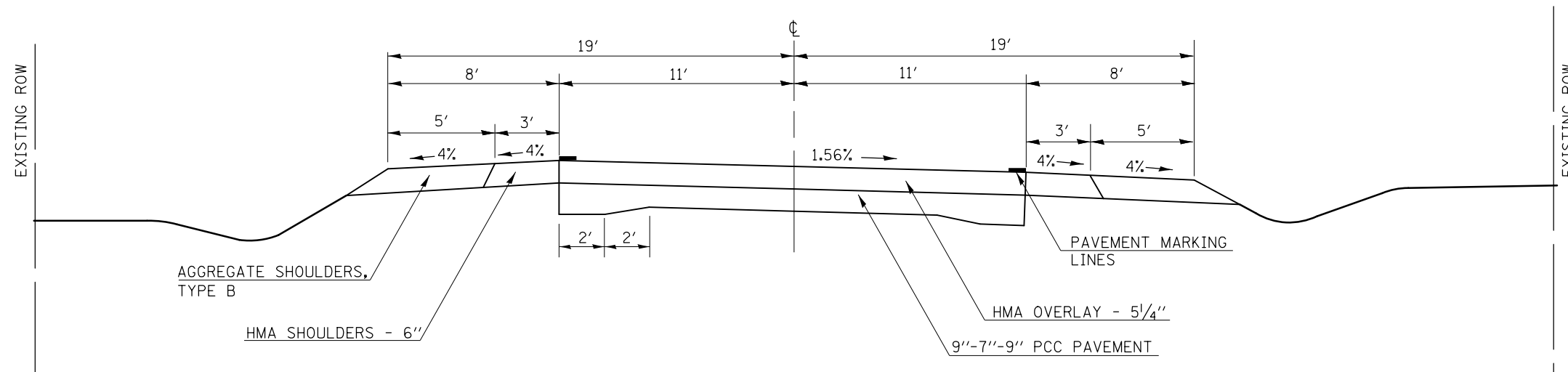
18

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

STATION EQUATION

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

⑰ STA. 593 + 09.00 TO STA. 617 + 20.00 ⑰
⑰ STA. 627 + 05.61 TO STA. 630 + 67.00 ⑲



SUPERELEVATION TRANSITION

S.E. ATTAINMENT STA. 593 + 09.00 TO STA. 595 + 49.00 (REVERSED)
S.E. REMOVAL STA. 614 + 80.00 TO STA. 617 + 20.00 (REVERSED)
S.E. ATTAINMENT STA. 626 + 05.00 TO STA. 628 + 45.00

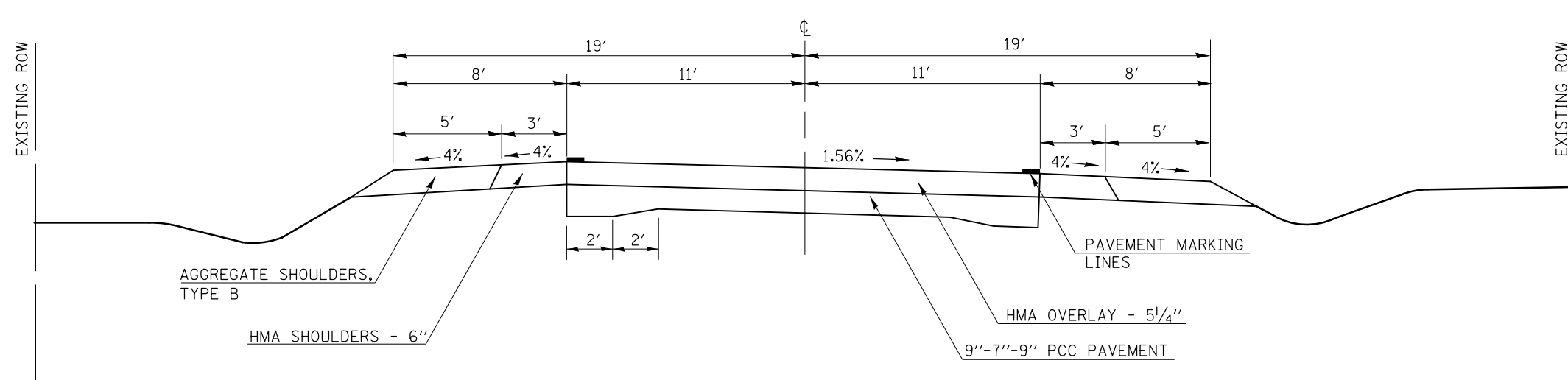
FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #4 (IL 1)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					VAR.			46	32
		CHECKED -	REVISED -					*D5 CRACK & JOINT SEAL 2015-1		CONTRACT NO. 70A77		
#MODELNAME#	PLOT DATE = 1/26/2015	DATE -	REVISED -		SCALE:	SHEET 9	OF 10 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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

19

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

18 STA. 630 + 67.00 TO STA. 643 + 61.09 20



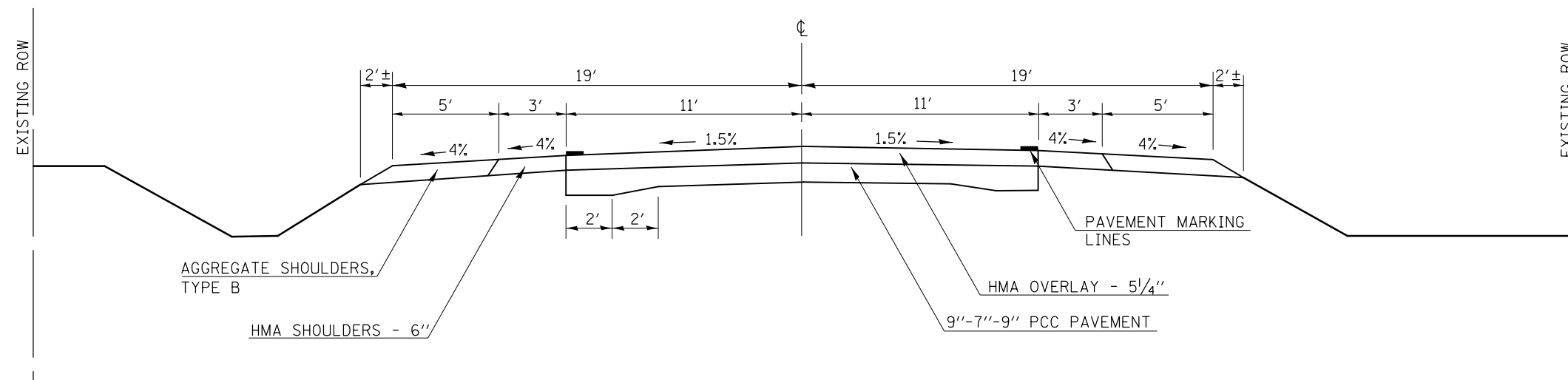
SUPERELEVATION TRANSITION
S.E. REMOVAL STA. 642 + 22.00 TO STA. 644 + 62.00

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

20

LOCATION #4 (IL 1) EXISTING TYPICAL SECTION

19 STA. 643 + 61.09 TO STA. 769 + 25.00



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
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		DATE -	REVISED -
*MODELNAME#	PLOT DATE = 1/26/2015		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS
LOCATION #4 (IL 1)

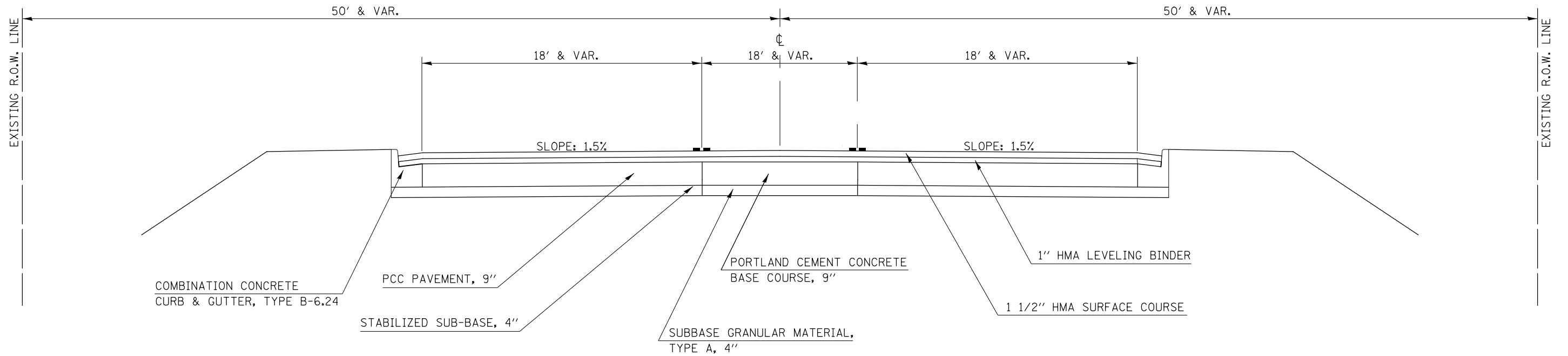
SCALE: SHEET 10 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	•	VARIOUS	46	33
*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

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

① LOCATION 5 (FICKLIN RD) EXISTING TYPICAL CROSS SECTION

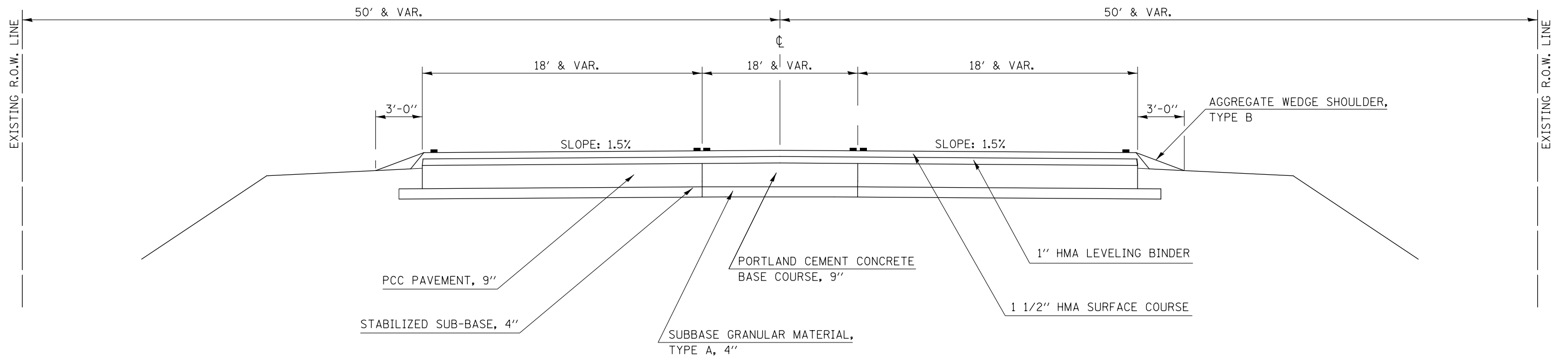
STA. 0+32.00 TO STA. 1+19.00



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

② LOCATION 5 (FICKLIN RD) EXISTING TYPICAL CROSS SECTION

STA. 1+19.00 TO STA. 2+91.00



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
ci:\pw\work\p\dot\coombessf\d0421524\70777-sht.pln.dgn		DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

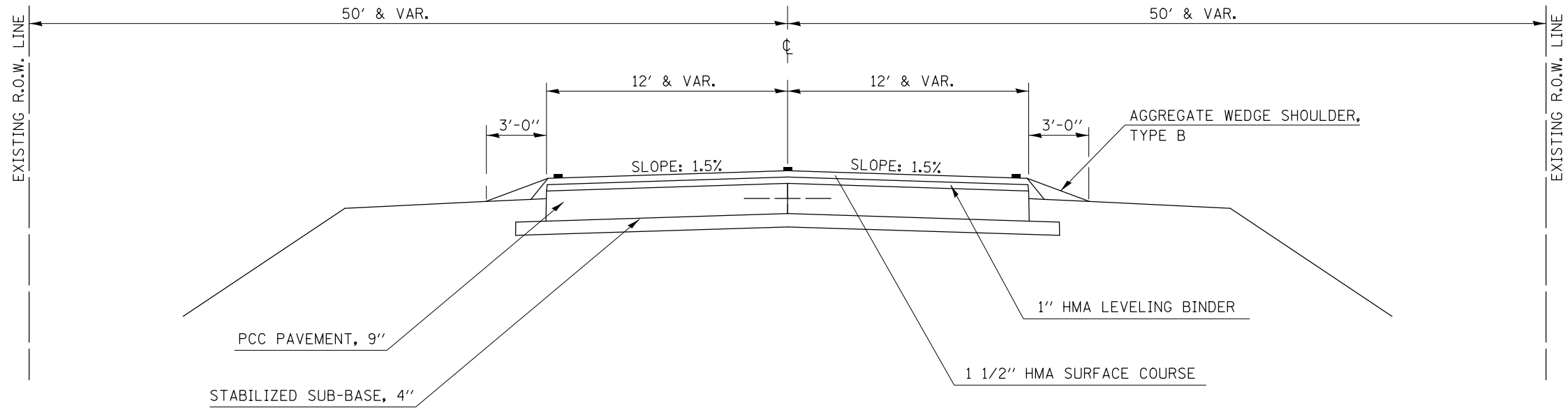
EXISTING TYPICAL CROSS SECTIONS
LOCATION #5 (FICKLIN RD)

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		VARIOUS	46	34
*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

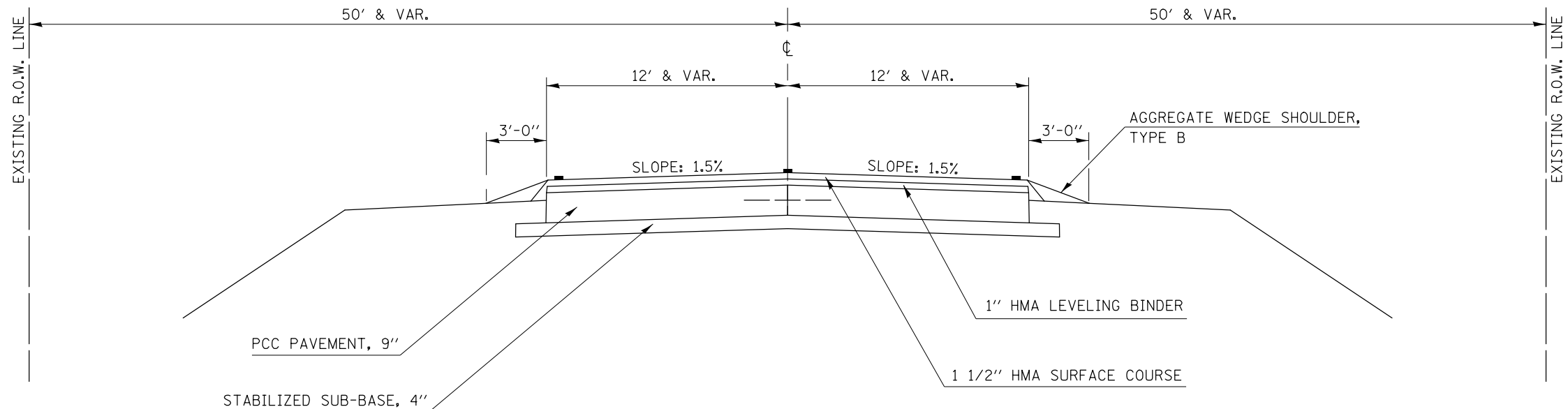
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

③ LOCATION 5 (FICKLIN RD)
EXISTING TYPICAL CROSS SECTION
 STA. 2+91.00 TO STA. 5+84.00



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

④ LOCATION 5 (FICKLIN RD)
EXISTING TYPICAL CROSS SECTION
 STA. 5+84.00 TO STA. 20+00.00



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
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MODELNAME	PLOT DATE = 1/26/2015	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

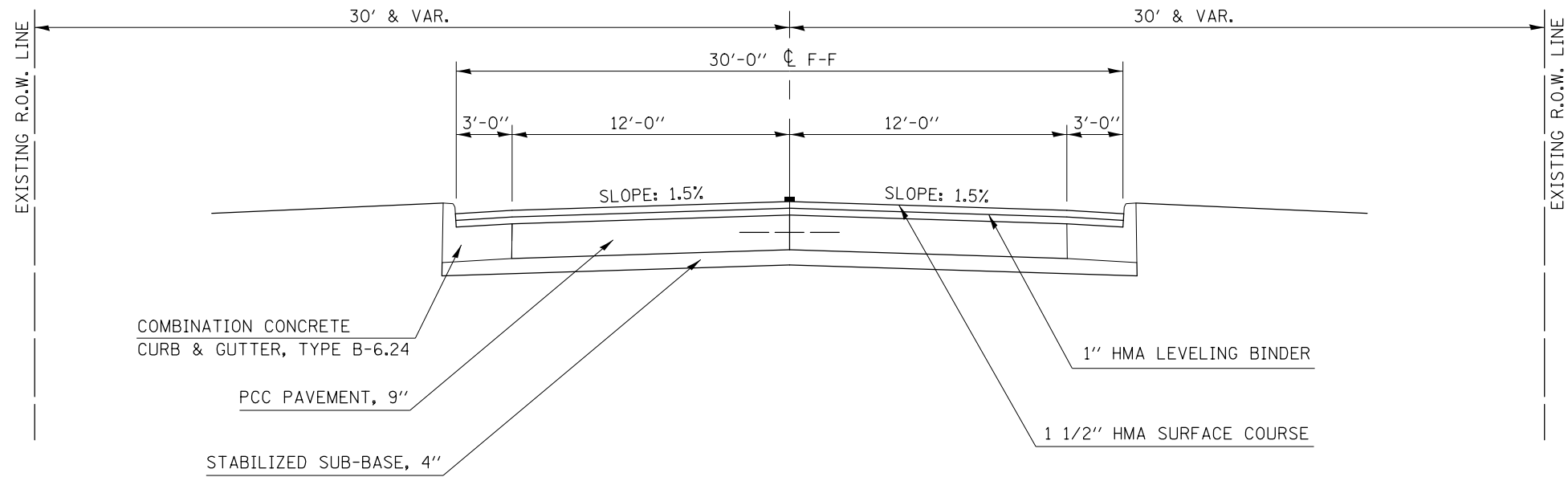
EXISTING TYPICAL CROSS SECTIONS
 LOCATION #5 (FICKLIN RD)

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		VARIOUS	46	35
*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

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

⑤ LOCATION 5 (FICKLIN RD)
EXISTING TYPICAL CROSS SECTION
 STA. 20+00.00 TO STA. 26+36.00



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

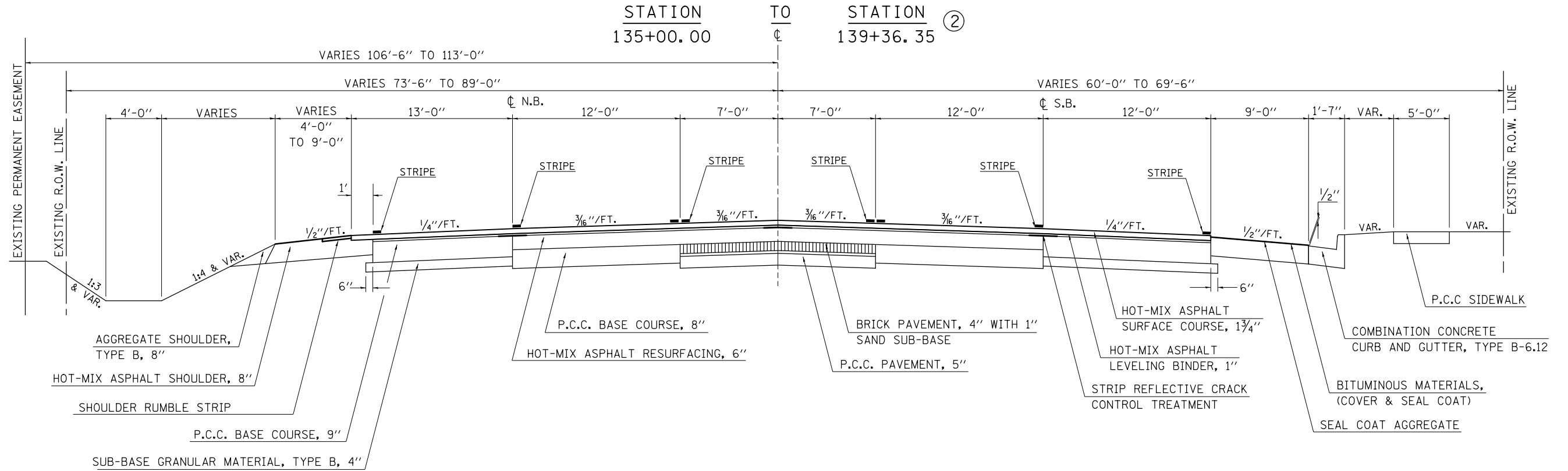
EXISTING TYPICAL CROSS SECTIONS
LOCATION #5 (FICKLIN RD)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	•	VARIOUS	46	36
•D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
ILLINOIS FED. AID PROJECT				

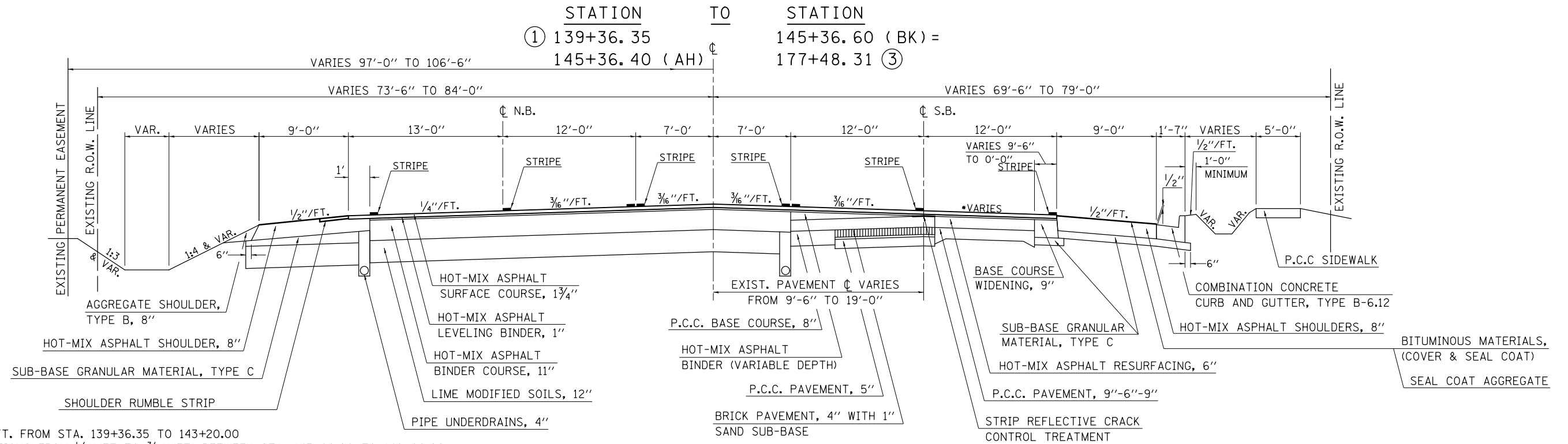
**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

① LOCATION 6 (US 45) EXISTING TYPICAL CROSS SECTION



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

② LOCATION 6 (US 45) EXISTING TYPICAL CROSS SECTION



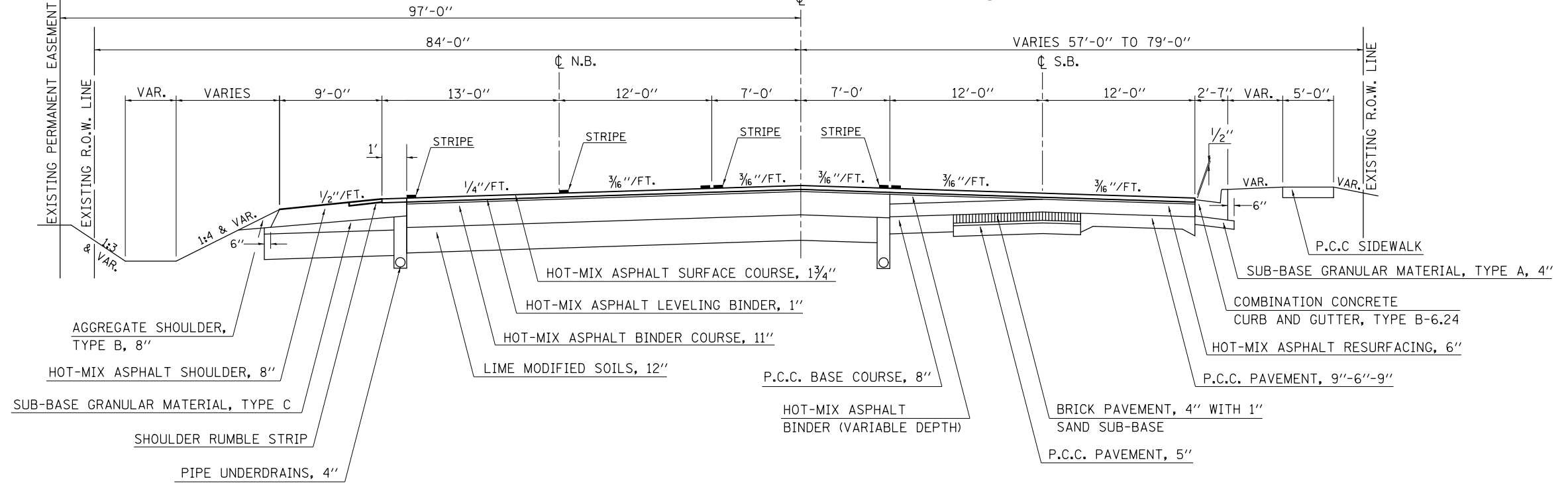
***NOTE:**
 SLOPE = 1/4"/FT. FROM STA. 139+36.35 TO 143+20.00
 SLOPE TRANSITIONS FROM 1/4"/FT TO 3/16"/FT. BETWEEN STA. 143+20.00 TO 146+00.00
 SLOPE = 3/16"/FT. FROM STA. 146+00.00 TO 177+48.31

FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #6 (US 45)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ei:\pw\work\p\d0421524\7077777-shr-plen.dgn	PLLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -			VAR.	•	VARIOUS	46	37	
#MODELNAME#	PLLOT DATE = 1/26/2015	CHECKED -	REVISED -			•D5 CRACK & JOINT SEAL 2015-1					
		DATE -	REVISED -			CONTRACT NO. 70A77					

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

③ LOCATION 6 (US 45) EXISTING TYPICAL CROSS SECTION

STATION TO STATION
② 177+48.31 201+13.00 ④



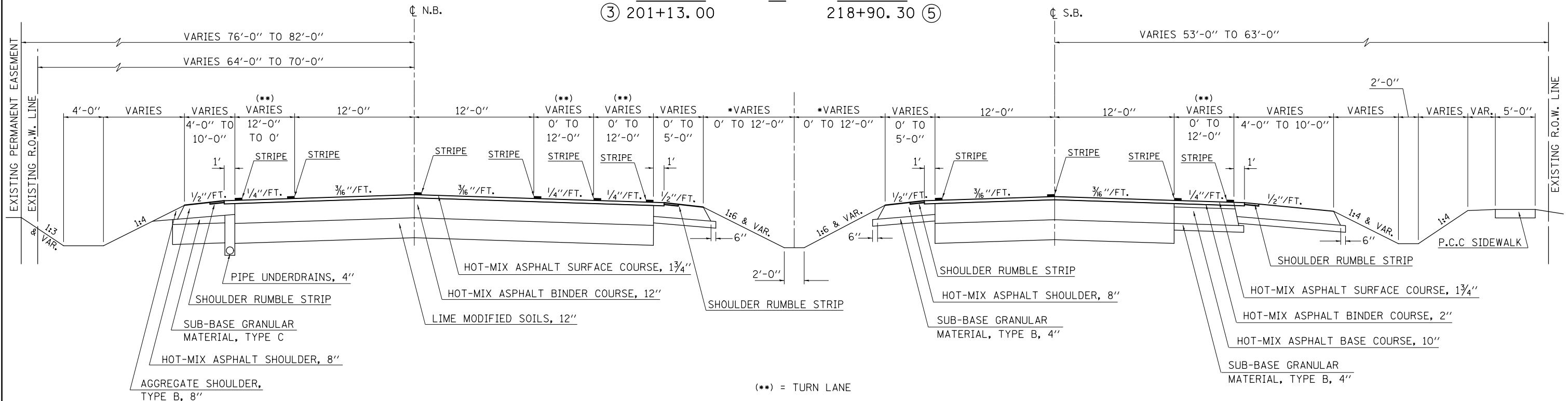
***NOTE:**

AN OPEN MEDIAN DITCH EXISTS FROM STA. 206+50.00 TO STA. 211+62.00 AND FROM STA. 217+00.00 TO STA. 218+90.30. A PAVED MEDIAN REPLACES THE OPEN DITCH FROM STA. 201+13.00 TO STA. 206+50.00 AND FROM STA. 211+62.00 TO STA. 217+00.00. (SEE PLAN SHEETS FOR MEDIAN TRANSITIONS)

④ LOCATION 6 (US 45) EXISTING TYPICAL CROSS SECTION

STATION TO STATION
③ 201+13.00 218+90.30 ⑤

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



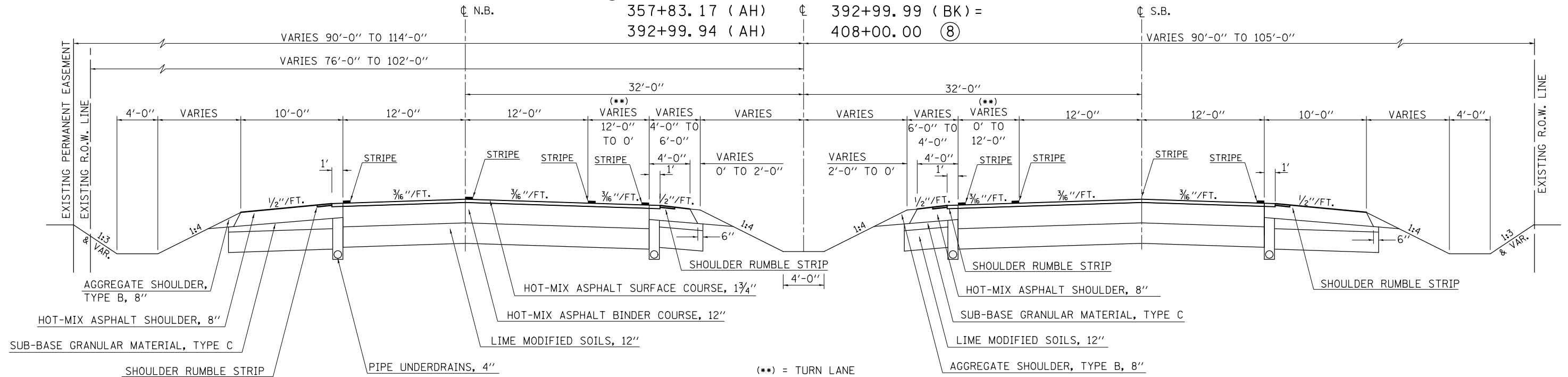
FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #6 (US 45)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwwork\pwwork\coombessf\d0421524\70777-sht.pln.dgn	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			VAR.	VARIOUS	ILLINOIS	46	38	
*MODELNAME#	PLOT DATE = 1/26/2015	DATE -	REVISED -			*D5 CRACK & JOINT SEAL 2015-1		CONTRACT NO. 70A77			
						SCALE:	SHEET 2 OF 4 SHEETS		STA. TO STA.		

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

5 LOCATION 6 (US 45) EXISTING TYPICAL CROSS SECTION

STATION	TO	STATION
④ 218+90.30		236+07.51 ⑥
⑥ 247+76.47		254+87.54 ⑦
⑥ 354+69.38		357+83.75 (BK) =
		392+99.99 (BK) =
		408+00.00 ⑧

NOTE:
AT LOCATIONS WHERE THE TURN LANE DOES NOT EXIST, THE PAVING WIDTH INCREASES TO 13'-0" AND THE SHOULDER WIDTH DECREASES BY 1'-0".

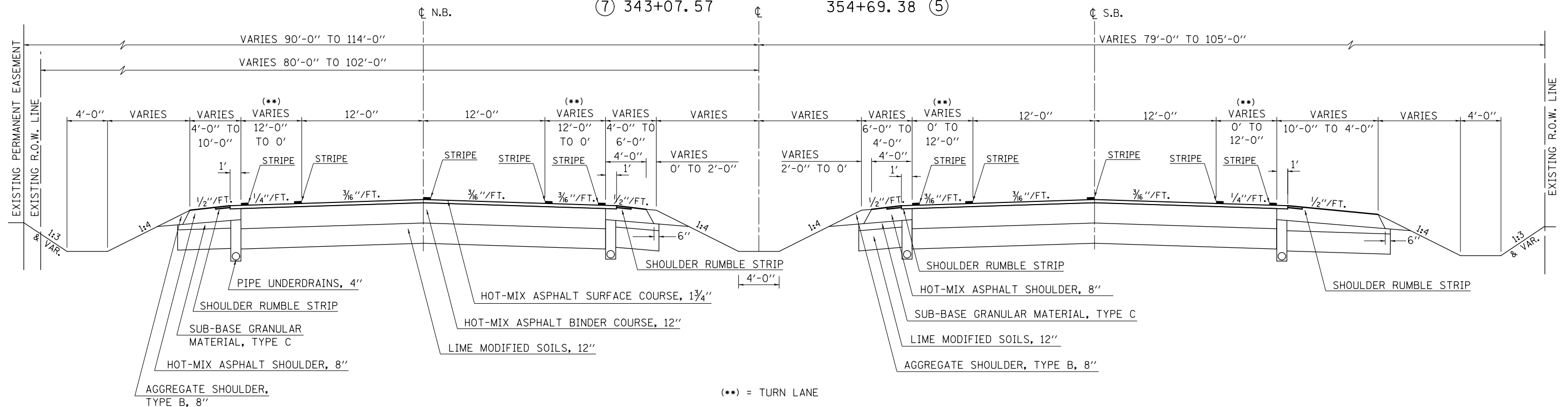


**SEE GENERAL NOTE 451 (SPECIAL) FOR SPECIFIC ROUT & SEAL INSTRUCTIONS AT THIS LOCATION.

6 LOCATION 6 (US 45) EXISTING TYPICAL CROSS SECTION

STATION	TO	STATION
⑤ 236+07.51		247+76.47 ⑤
⑦ 343+07.57		354+69.38 ⑤

NOTE:
AT LOCATIONS WHERE THE TURN LANE DOES NOT EXIST, THE PAVING WIDTH INCREASES TO 13'-0" AND THE SHOULDER WIDTH DECREASES BY 1'-0".



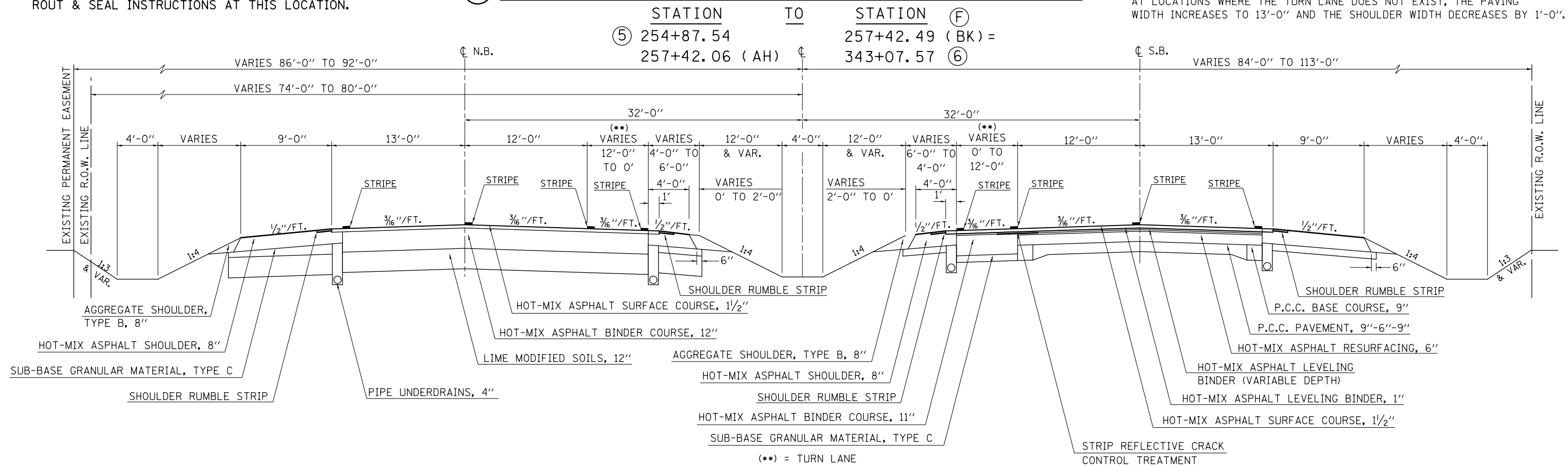
FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #6 (US 45)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p\dot\coombessf\d0421524\70777-sht-plen.dgn		DRAWN -	REVISED -		SCALE:	SHEET 3	OF 4 SHEETS	STA.	TO STA.	VARIOUS	46	39
		CHECKED -	REVISED -		*D5 CRACK & JOINT SEAL 2015-1							
#MODELNAME#	PLOT DATE = 1/26/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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

7 LOCATION 6 (US 45) EXISTING TYPICAL CROSS SECTION

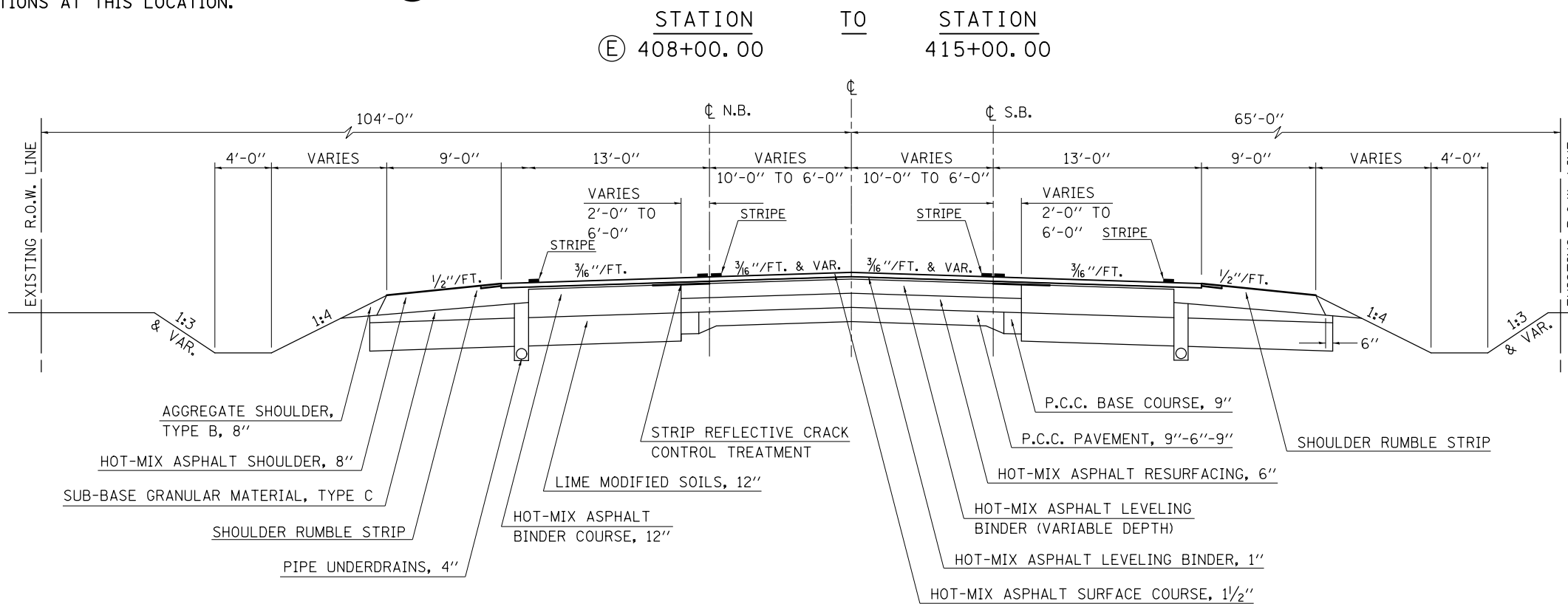
NOTE:

AT LOCATIONS WHERE THE TURN LANE DOES NOT EXIST, THE PAVING WIDTH INCREASES TO 13'-0" AND THE SHOULDER WIDTH DECREASES BY 1'-0".



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

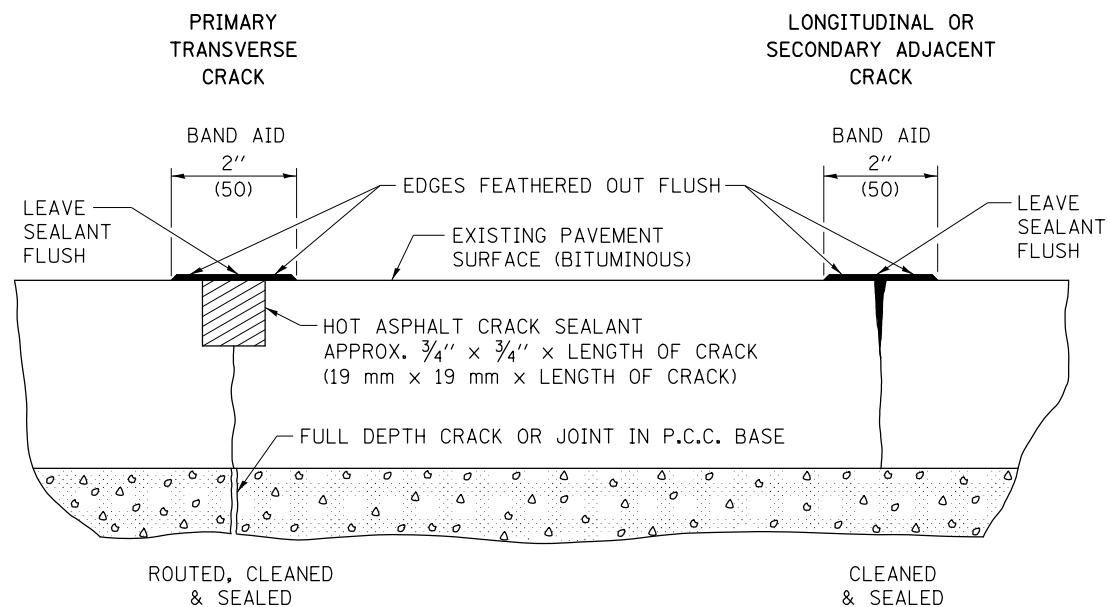
8 LOCATION 6 (US 45) EXISTING TYPICAL CROSS SECTION



FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTIONS LOCATION #6 (US 45)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw\work\p1dot\coombessf\10421524\70777-sht-plen.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					VAR.		VARIOUS	46	40
#MODELNAME#	PLOT DATE = 1/26/2015	CHECKED -	REVISED -					*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
		DATE -	REVISED -					SCALE:	SHEET 4	OF 4 SHEETS	STA.	TO STA.

HMA PAVEMENT

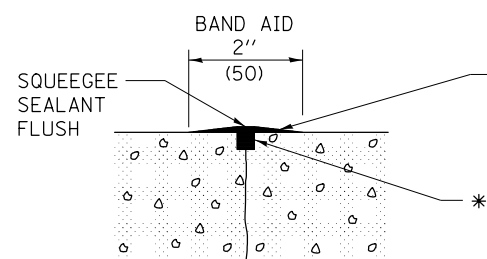
(USE PAY ITEMS : 45100100 CRACK ROUTING (PAVEMENT)
AND 45100200 CRACK FILLING)



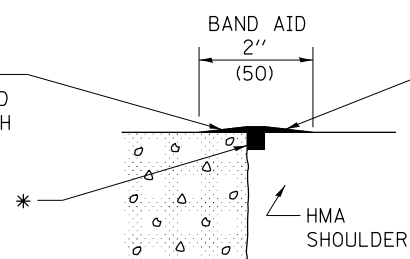
PCC PAVEMENT

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

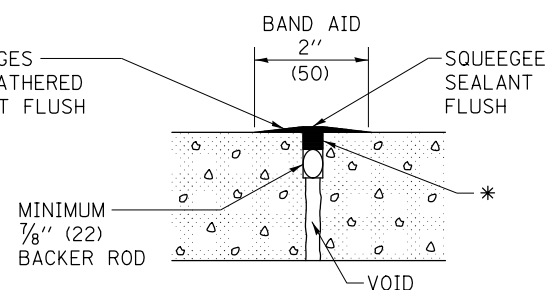
TRANSVERSE CRACKS AND JOINTS AND CENTERLINE JOINT



LONGITUDINAL SHOULDER JOINT

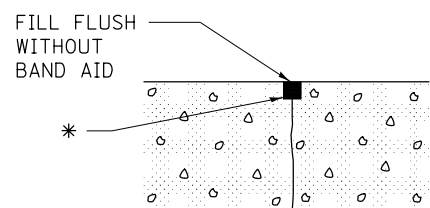


ANY WIDE LONGITUDINAL JOINT OR CRACK

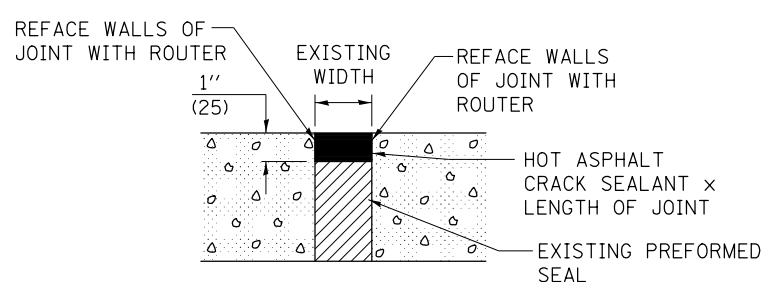


* HOT ASPHALT CRACK SEALANT
APPROX. 3/4 \" x 3/4 \" x LENGTH OF CRACK.
ACTUAL QUANTITY WILL VARY AS NEEDED FOR
PRIMARY OR SECONDARY WORKING CRACK.

LONGITUDINAL RANDOM CRACK



TRANSVERSE EXPANSION JOINT



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

FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED - 12/06
ct:\pw\work\p\dot\coombessf\d0421524\706777-sht-plen.dgn		DRAWN -	REVISED - 08/07
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 12/08
	PLOT DATE = 1/26/2015	DATE -	REVISED -

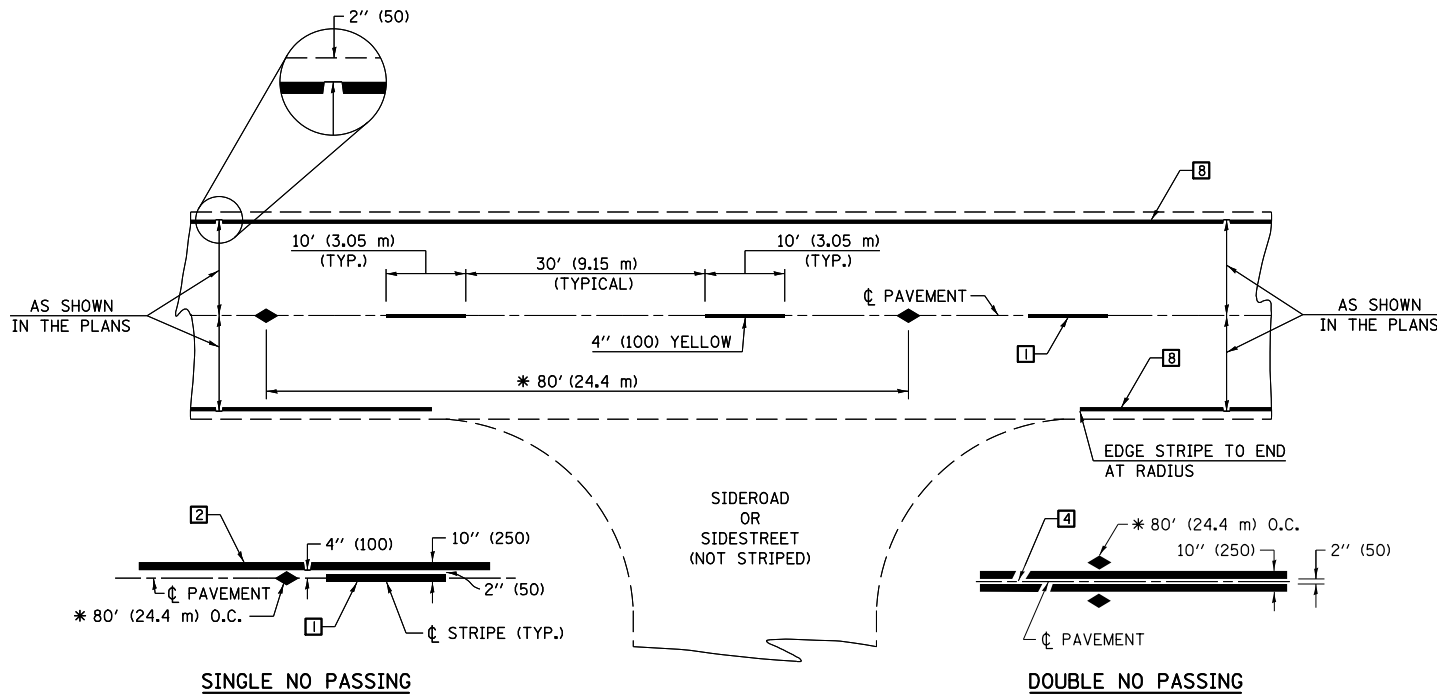
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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	46	41
*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
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

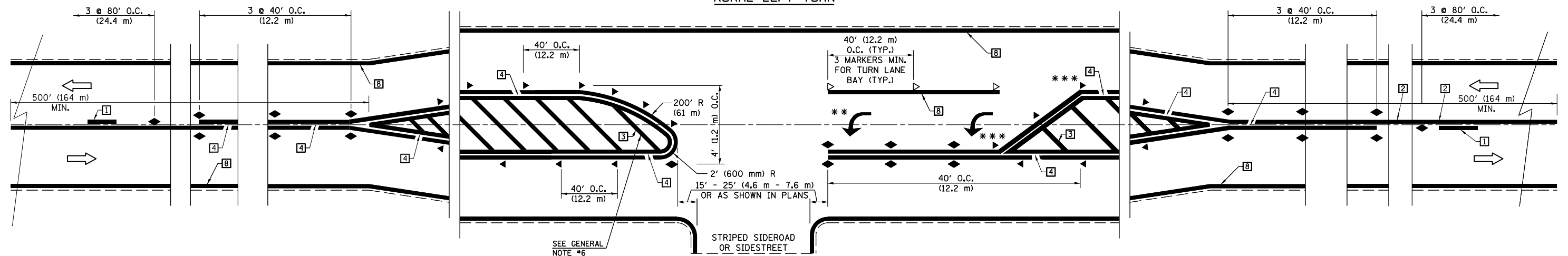
TYPICAL PAVEMENT MARKING LEGEND

- 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.

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

FILE NAME =	USER NAME = coombessf	DESIGNED -	REVISED - 11/06
ei:\pw\work\p\id\coombessf\d0421524\70777-sht-plan.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

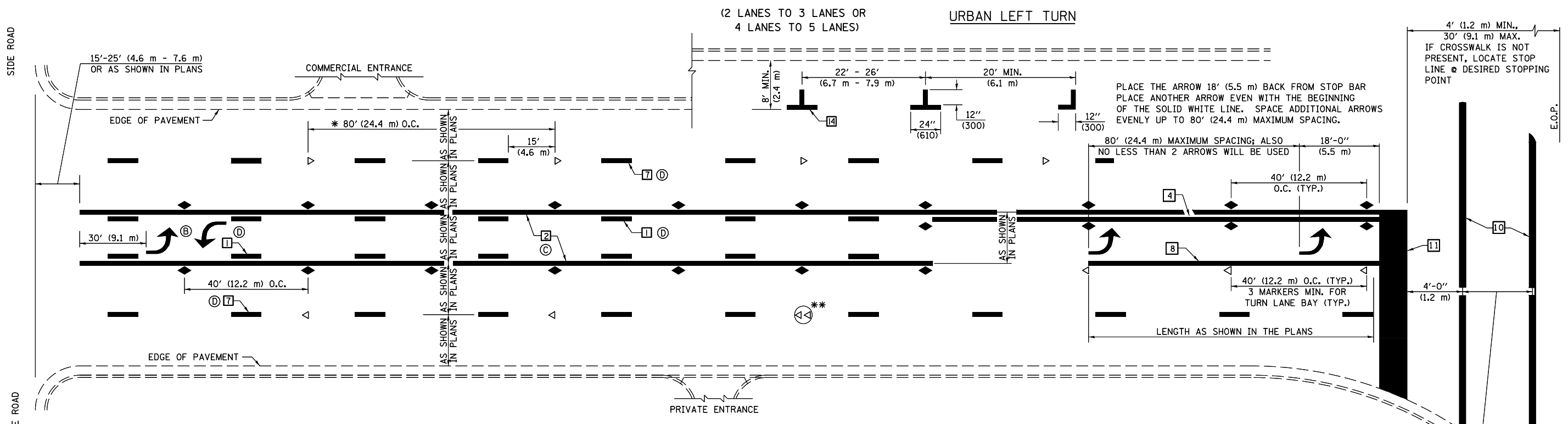
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**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.
		VARIOUS	46	42
*D5 CRACK & JOINT SEAL 2015-1		CONTRACT NO. 70A77		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

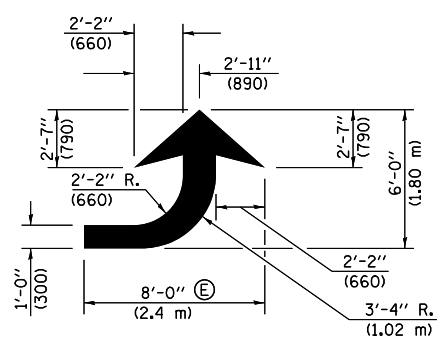


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

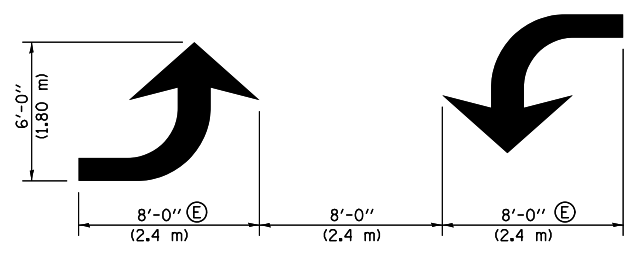
GENERAL NOTES:

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



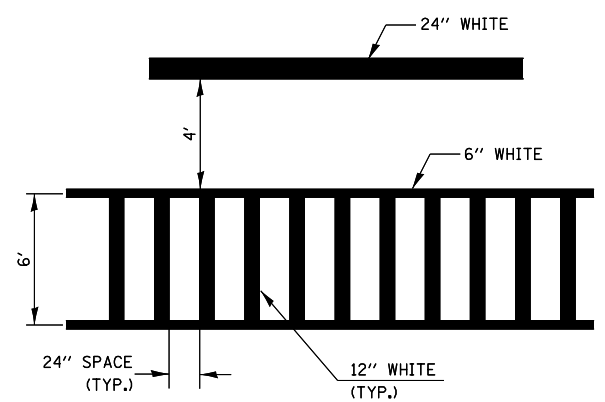
LEFT ARROW

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

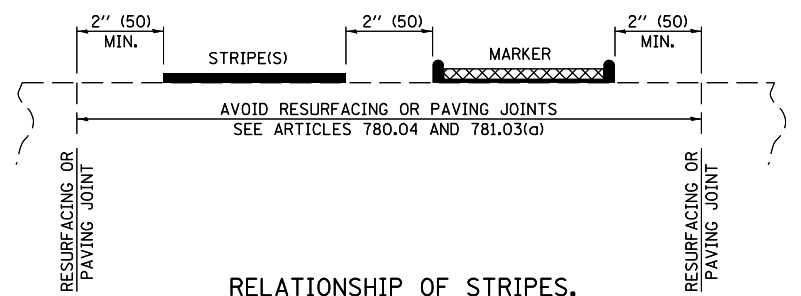


TYPICAL DOUBLE TURN ARROWS (WHITE)

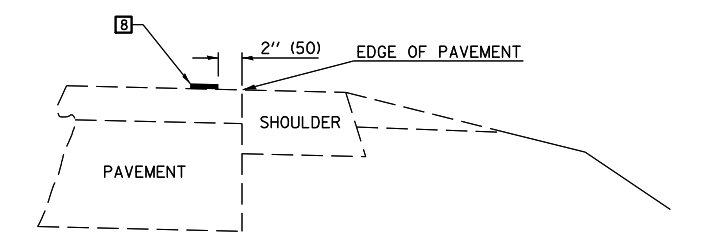
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



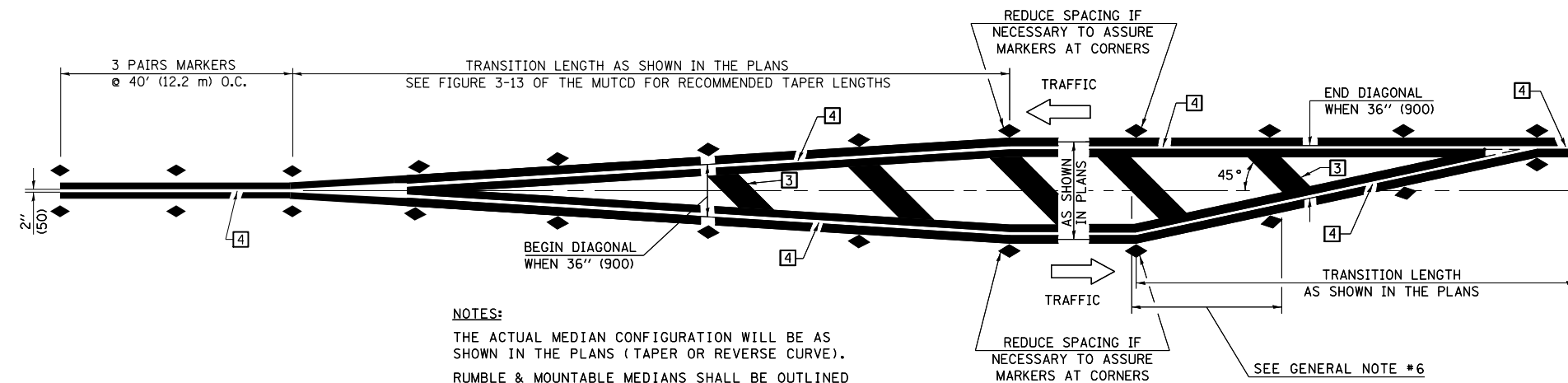
RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT (SAFETY SHOULDER OR PAVED SURFACE) SEE ARTICLE 780.04

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

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

DISTRICT 5 DETAIL NO. 7800AAA

FILE NAME =	USER NAME = coombessf	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.
ci:\pw_work\p\idot\coombessf\0421524\70777-sht-plan.dgn	DRAWN -	REVISED - 09/2009 - KJT	VAR.				VARIOUS	46	43	
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -	*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77				
PLOT DATE = 1/26/2015	DATE -	REVISED -	FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT			

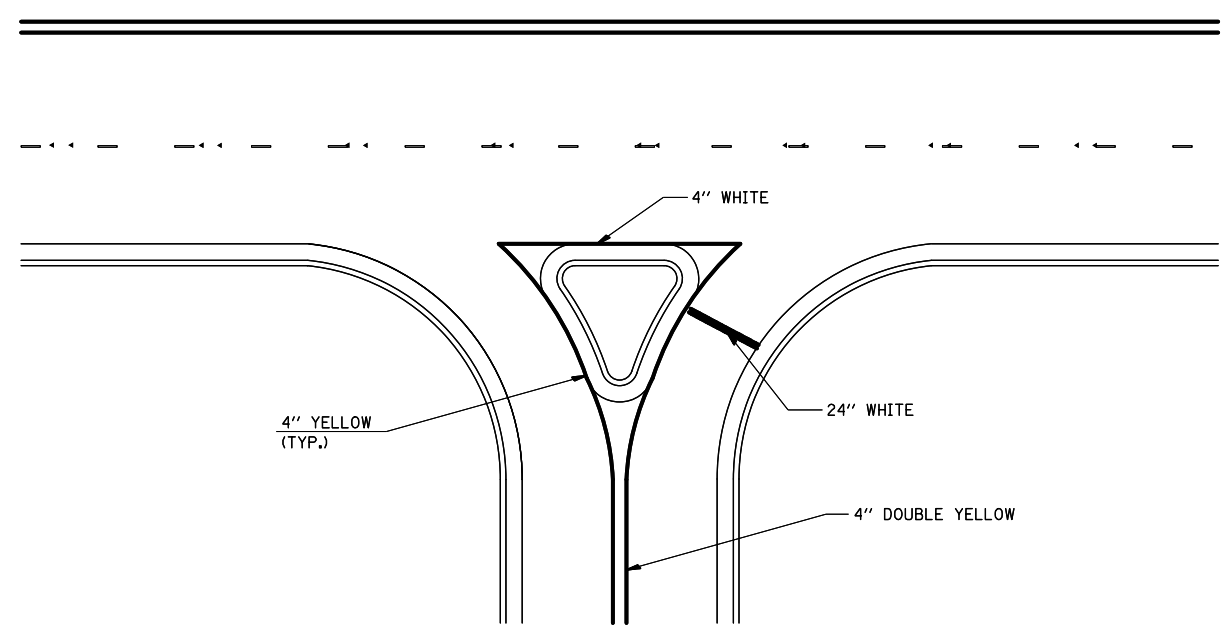


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

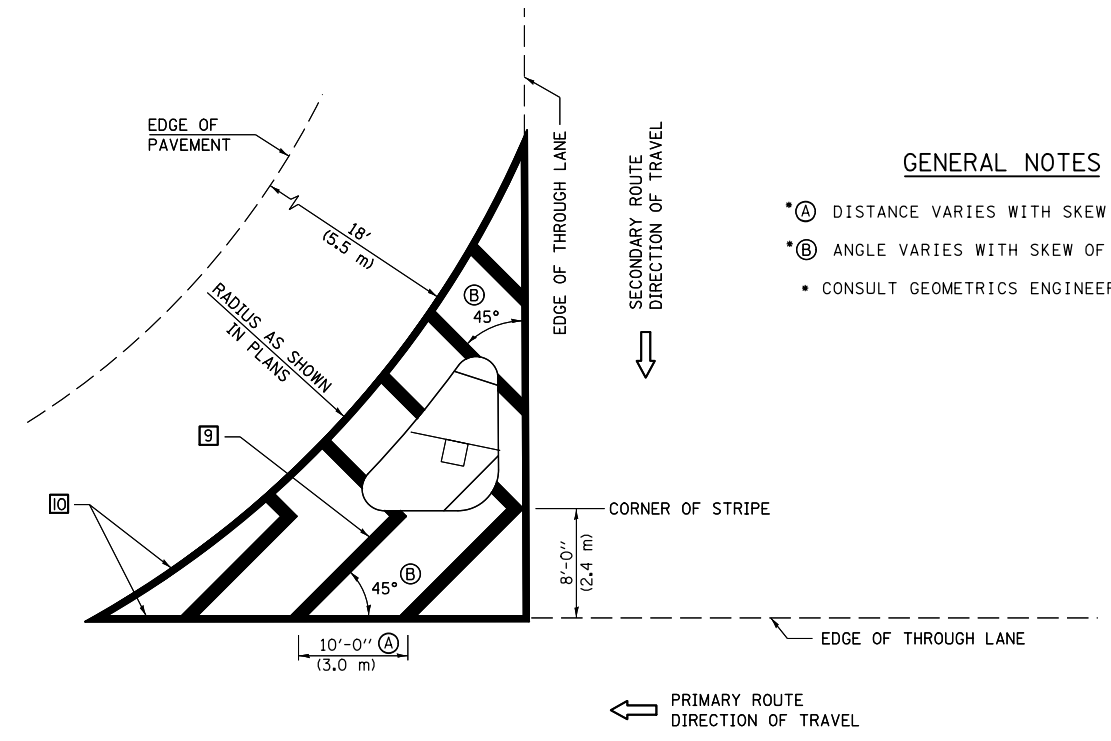
TYPICAL MEDIAN TRANSITIONS

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 = coombessf	DESIGNED -	REVISED - 11/06
ei:\pw\work\p\idot\coombessf\d0421524\706777-sht.pln.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

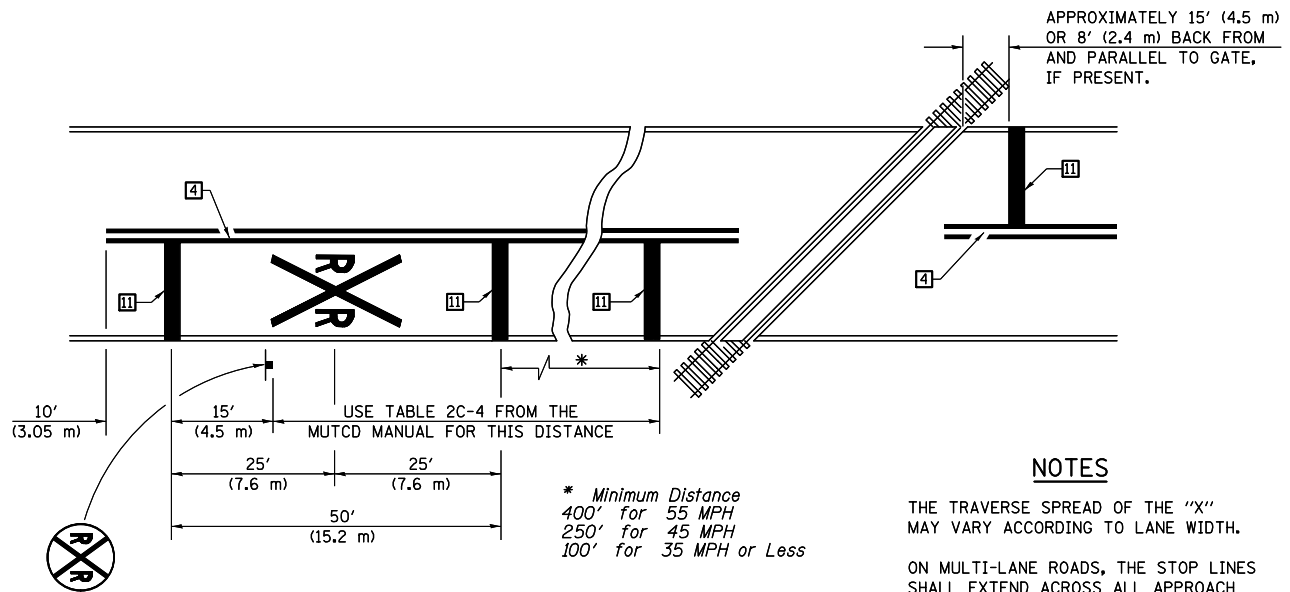
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	•	VARIOUS	46	44
•D5 CRACK & JOINT SEAL 2015-1		CONTRACT NO. 70A77		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



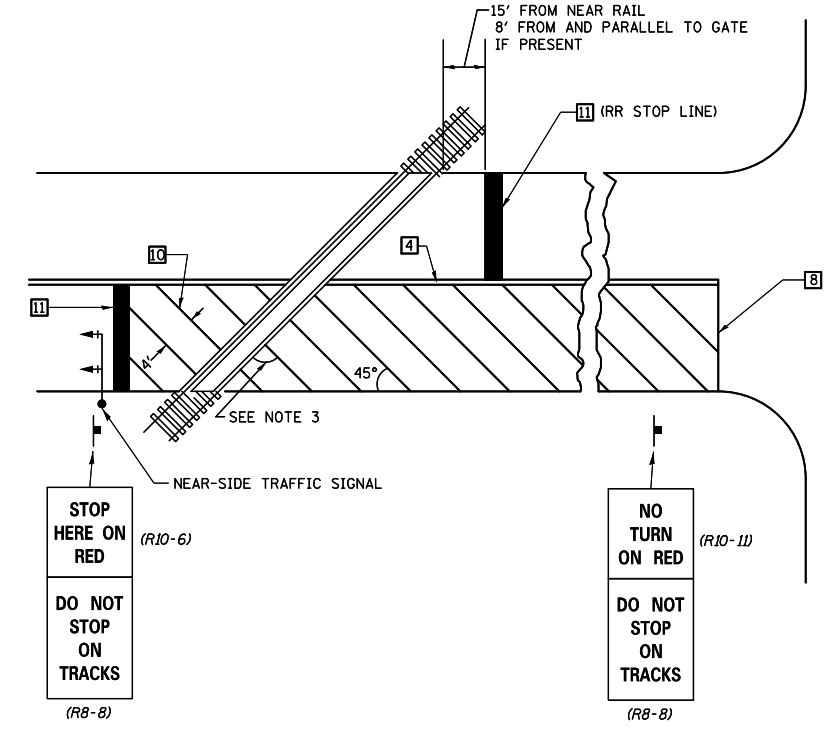
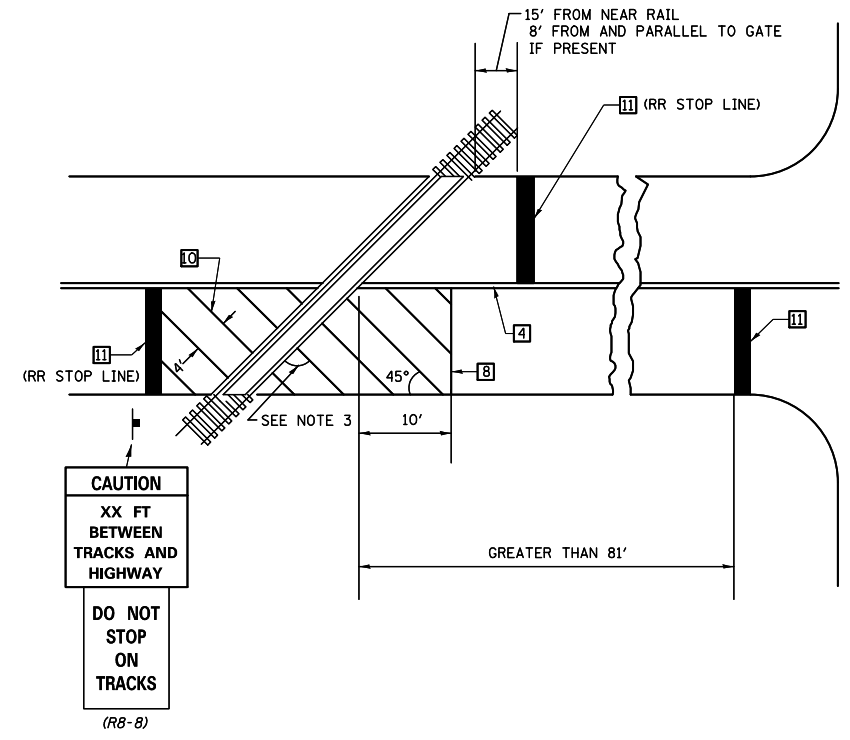
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

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.

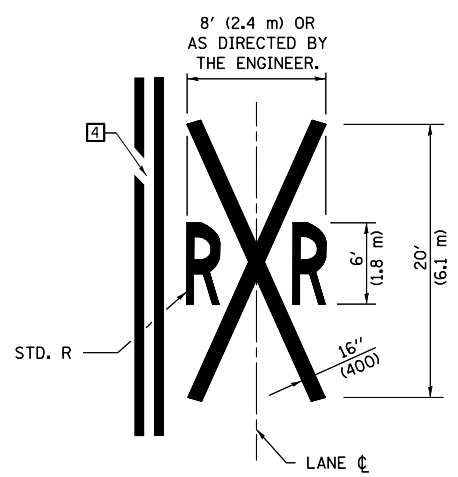
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



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 = coombessf	DESIGNED -	REVISED - 11/06
ci:\pw\work\p1dot\coombessf\d0421524\70777-sht-plen.dgn		DRAWN -	REVISED - 09/2009 - KJT
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

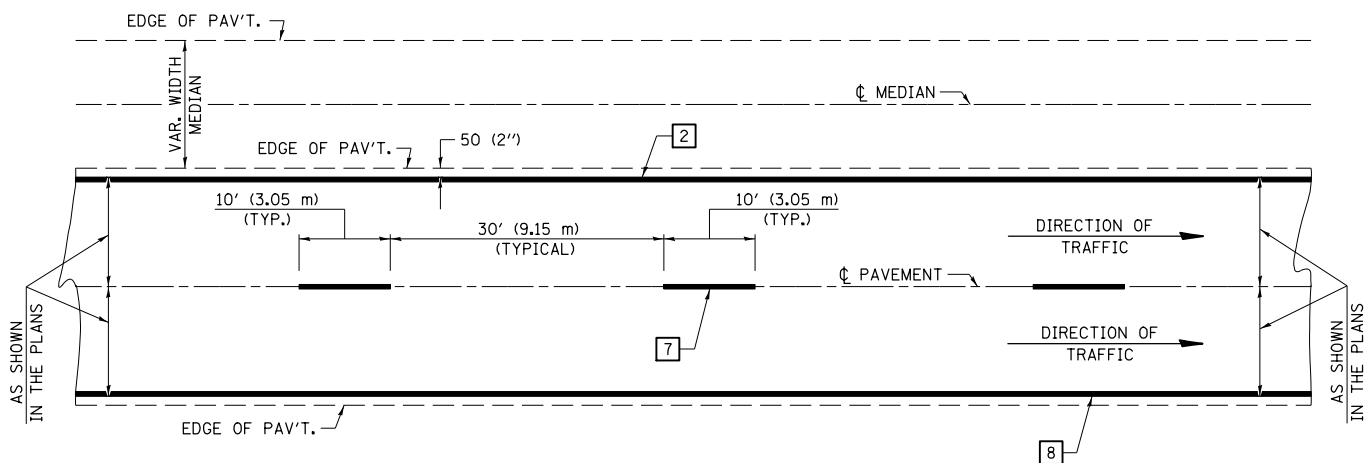
PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

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

DISTRICT 5 DETAIL NO. 7800AAA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VARIOUS	46	45
*D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CENTERLINE INTERSTATE OR MULTI-LANE TWO WAY DIVIDED HIGHWAY

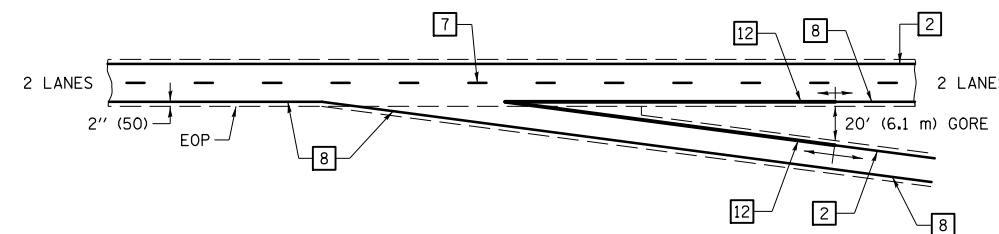


NOTE: PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.

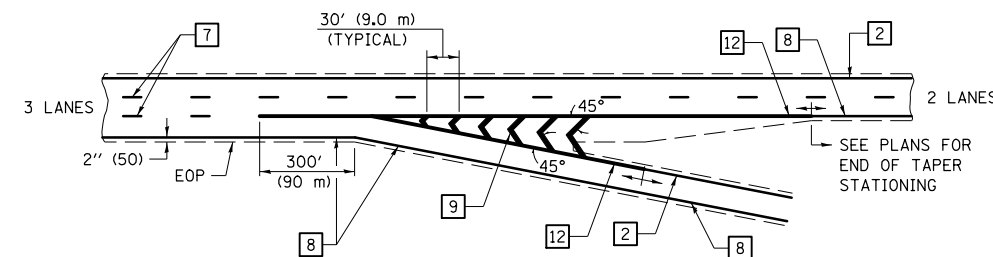
NOTE: SEE ARTICLES 780.04 & 781.03 FOR LOCATION OF STRIPES AND MARKERS RELATIVE TO EDGES OR JOINTS.

FOR RAISED REFLECTIVE PAVEMENT MARKERS, REFER TO STANDARD 781001.

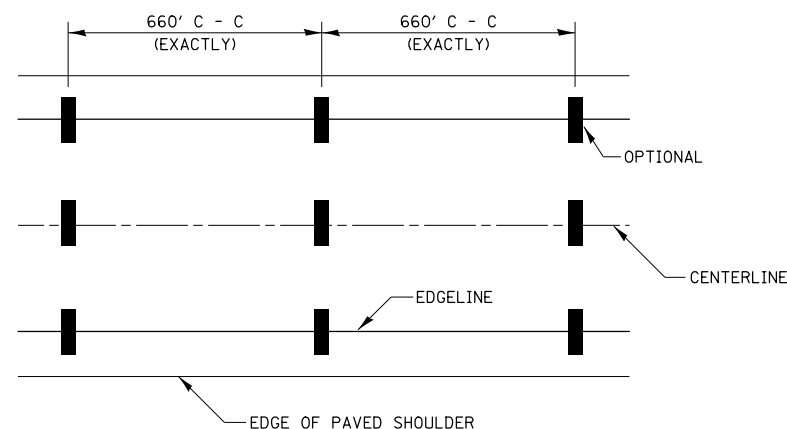
TYPICAL EXIT RAMP TERMINAL



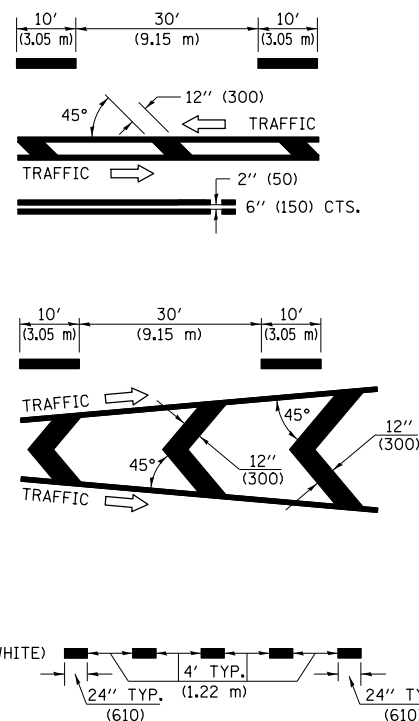
EXIT RAMP TERMINAL with EXCLUSIVE (auxiliary) LANE



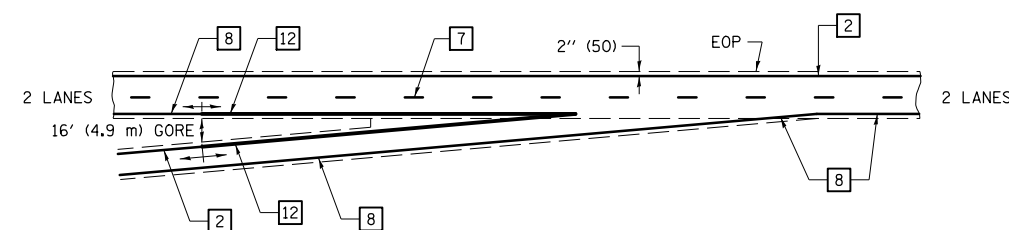
TYPICAL PAVEMENT MARKING LEGEND



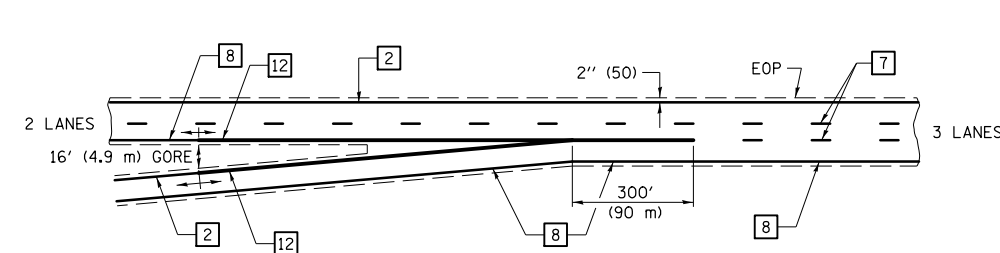
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)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



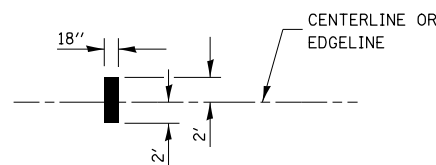
TYPICAL ENTRANCE RAMP TERMINAL



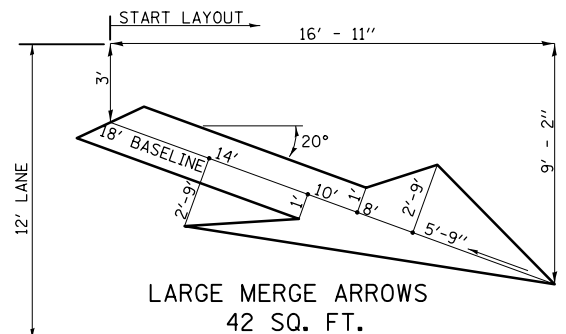
ENTRANCE RAMP TERMINAL with EXCLUSIVE LANE



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 = coombessf	DESIGNED -	REVISED - 11/06
ei:\pw_work\p1dot\coombessf\d0421524\70777-sht-pln.dgn		DRAWN -	REVISED -
	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/26/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING (INTERSTATE & MULTI-LANE APPLICATIONS)

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

DISTRICT 5 DETAIL NO. 780BBBB

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VARIOUS	46	46
•D5 CRACK & JOINT SEAL 2015-1			CONTRACT NO. 70A77	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				