

03-04-2016 LETTING ITEM 046

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

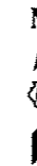
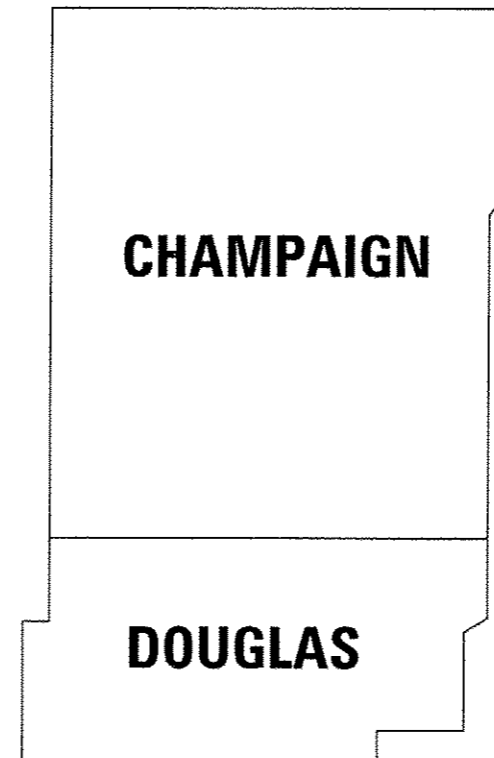
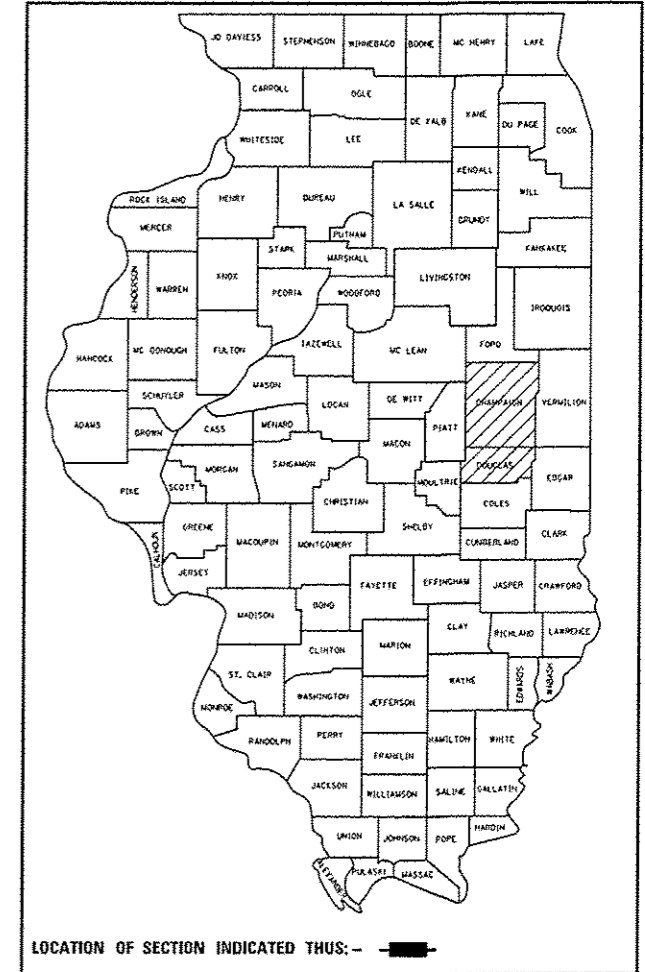
F.A.I. - 72 & F.A.I. - 57
SECTION D5 CM PATCHING 2016-5

PATCHING
CHAMPAIGN & DOUGLAS COUNTIES

C-95-044-15

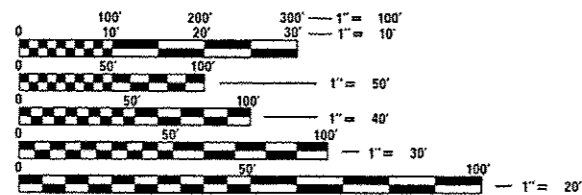
F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D5 CM PATCHING 2016-5	ILLINOIS	20	1
			CONTRACT NO. 70B44	
• CHAMPAIGN, DOUGLAS				

D-95-044-15



FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LOCATION MAPS, SEE SHEETS NO. 3-5
FOR SUMMARY OF QUANTITIES, SEE SHEETS NO. 6-7

CURRENT ADT
SEE LOCATION MAPS



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
PHONE: 217-465-4181

CONTRACT NO. 70B44

GROSS LENGTH = 247,034.15 FT. = 46.787 MILE
NET LENGTH = 247,034.15 FT. = 46.787 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 22, 2015
Kensil A. Barnett
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER *ca/c*

Jan 29, 2016
Muneem M. Addis, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 29, 2016
Omer Osman, P.E./ca
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
2	GENERAL NOTES
3 - 5	LOCATION MAPS
6 - 7	SUMMARY OF QUANTITIES
8 - 19	EXISTING TYPICAL CROSS SECTIONS
20	DISTRICT DETAIL 70100100 SWITCHBACK

HIGHWAY 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
420001-08	PAVEMENT JOINTS
420701-02	PAVEMENT FABRIC
442001-04	CLASS A PATCHES
442101-07	CLASS B PATCHES
701101-04	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
701400-08	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-09	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS \geq 45 MPH
701426-07	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS \geq 45 MPH
701428	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701901-04	TRAFFIC CONTROL DEVICES

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.-442B (SPL) -- PATCHING SCHEDULES

THE PATCHING QUANTITIES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. ACTUAL PATCHING LOCATIONS AND SIZES WILL BE AS DETERMINED BY THE ENGINEER.

G.N.-1004.01

COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

COMMITMENTS:

THERE ARE NO COMMITMENTS.

• CHAMPAIGN, DOUGLAS

FILE NAME :	USER NAME : ceerleakjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS & GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\VL084EBID\REG\Illinois.gov\PIEDOT\Documents\1001 Offices\District 5\Projects\057\DRAWN\Data\CAD\Sheets\0570844-sht-Gen	PLOT SCALE = 40.0000' / 1" =	CHECKED -	REVISED -	SCALE:	SHEET 1 OF 1 SHEETS	VAR.	D5 CM PATCHING 2016-5	*	20	2
#MODELNAME#	PLOT DATE : 12/22/2015	DATE -	REVISED -	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 70B44				

LOCATION OF WORK:

FAI 57	FAI 57	FAI 57	FAI 72	FAI 72
RURAL	RURAL	URBAN	RURAL	URBAN
INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
DOUGLAS CO.	CHAMPAIGN CO.	CHAMPAIGN CO.	CHAMPAIGN CO.	CHAMPAIGN CO.
100% STATE	100% STATE	100% STATE	100% STATE	100% STATE

CONSTRUCTION TYPE CODE:

0005	0005	0005	0005	0005
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CODE NO	ITEM	UNIT	TOTAL					
			QUANTITY					
44213100	PAVEMENT FABRIC	SQ YD	94.0		47.0	47.0		
44200629	CLASS A PATCHES, TYPE I, 15 INCH	SQ YD	56.0	32.0	8.0		8.0	8.0
44200630	CLASS A PATCHES, TYPE II, 15 INCH	SQ YD	232.0	160.0	40.0		16.0	16.0
44200631	CLASS A PATCHES, TYPE III, 15 INCH	SQ YD	160.0	100.0	20.0		20.0	20.0
44200632	CLASS A PATCHES, TYPE IV, 15 INCH	SQ YD	80.0	53.0	27.0			
44201031	CLASS B PATCHES, TYPE II, 15 INCH	SQ YD	40.0		40.0			
44201035	CLASS B PATCHES, TYPE III, 15 INCH	SQ YD	20.0		20.0			
44201037	CLASS B PATCHES, TYPE IV, 15 INCH	SQ YD	27.0		27.0			
44201043	CLASS B PATCHES, TYPE II, 16 INCH	SQ YD	40.0			40.0		
44201047	CLASS B PATCHES, TYPE III, 16 INCH	SQ YD	20.0			20.0		
44201048	CLASS B PATCHES, TYPE IV, 16 INCH	SQ YD	27.0			27.0		
44201299	DOWEL BARS 1 1/2"	EACH	300.0		150.0	150.0		
44213000	PATCHING REINFORCEMENT	SQ YD	528.0	345.0	95.0		44.0	44.0
44213200	SAW CUTS	FOOT	3,896.0	2,054.0	920.0	382.0	270.0	270.0
44213204	TIE BARS 3/4"	EACH	40.0	10.0	20.0	10.0		

• CHAMPAIGN, DOUGLAS

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\DRAWING\DATA\EA0\Sheets\0570844-sht-S00.dwg	PLotted SCALE = 40.0000' / in.	CHECKED -	REVISED -						VAR.	D5 CM PATCHING 2016-5	*	20	6
MODELNAME	PLOT DATE = 12/22/2015	DATE -	REVISED -		SCALE:	SHEET 1	OF 2	SHEETS	STA.	TO STA.	CONTRACT NO. 70B44		
										ILLINOIS FED. AID PROJECT			

LOCATION MAP 1A

DOUGLAS CO.
F.A.I. 57

CURRENT ADT

FUNCTIONAL CLASSIFICATION: INTERSTATE
FAI 57 (I-57)

LEG "A" ADT(2014)=18,500 SU=5.0% MU=35.7%

STATION EQUATION:
STA. 791 + 00.00 (BK) =
STA. 791 + 02.17 (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)

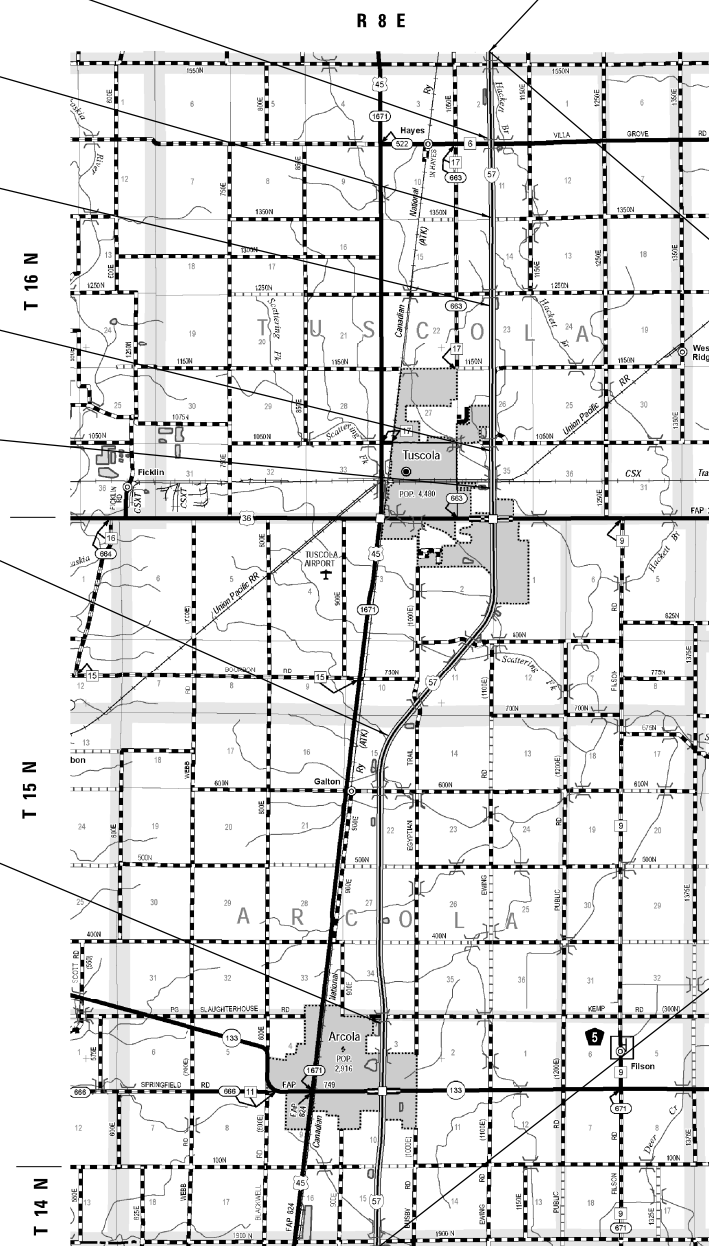
STATION EQUATION:
STA. 575 + 43.68 (BK) =
STA. 575 + 43.98 (AH)

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

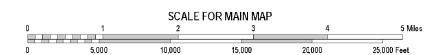
STATION EQUATION:
STA. 360 + 83.33 (BK) =
STA. 360 + 87.35 (AH)

STATION EQUATION:
STA. 1510 + 00.00 (BK) =
STA. 117 + 23.47 (AH)

DOUGLAS / CHAMPAIGN CO. LINE
STA. 848 + 62.49



BEGIN SECTION
DOUGLAS / COLES CO. LINE
STA. 1386 + 91.00



GROSS LENGTH = 85,435.15 FT. = 16.181 MILE
NET LENGTH = 85,435.15 FT. = 16.181 MILE

TOWNSHIPS
TUSCOLA
ARCOLA

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
p:\1\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\EA\Sheets\0579B44-sht-Location		CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 12/22/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP 1A

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D5 CM PATCHING 2016-5	*	20	3
CONTRACT NO. 70B44			ILLINOIS FED. AID PROJECT	

* CHAMPAIGN, DOUGLAS

LOCATION OF WORK:

FAI 57	FAI 57	FAI 57	FAI 72	FAI 72
RURAL	RURAL	URBAN	RURAL	URBAN
INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
DOUGLAS CO.	CHAMPAIGN CO.	CHAMPAIGN CO.	CHAMPAIGN CO.	CHAMPAIGN CO.
100% STATE	100% STATE	100% STATE	100% STATE	100% STATE

CONSTRUCTION TYPE CODE:

0005	0005	0005	0005	0005
------	------	------	------	------

CODE NO	ITEM	UNIT	TOTAL QUANTITY						
44213100	PAVEMENT FABRIC	SQ YD	94.0			47.0		47.0	
44200629	CLASS A PATCHES, TYPE I, 15 INCH	SQ YD	56.0	32.0		8.0			8.0
44200630	CLASS A PATCHES, TYPE II, 15 INCH	SQ YD	232.0	160.0		40.0		16.0	16.0
44200631	CLASS A PATCHES, TYPE III, 15 INCH	SQ YD	160.0	100.0		20.0		20.0	20.0
44200632	CLASS A PATCHES, TYPE IV, 15 INCH	SQ YD	80.0	53.0		27.0			
44201031	CLASS B PATCHES, TYPE II, 15 INCH	SQ YD	40.0			40.0			
44201035	CLASS B PATCHES, TYPE III, 15 INCH	SQ YD	20.0			20.0			
44201037	CLASS B PATCHES, TYPE IV, 15 INCH	SQ YD	27.0			27.0			
44201043	CLASS B PATCHES, TYPE II, 16 INCH	SQ YD	40.0				40.0		
44201047	CLASS B PATCHES, TYPE III, 16 INCH	SQ YD	20.0				20.0		
44201048	CLASS B PATCHES, TYPE IV, 16 INCH	SQ YD	27.0				27.0		
44201299	DOWEL BARS 1 1/2"	EACH	300.0			150.0		150.0	
44213000	PATCHING REINFORCEMENT	SQ YD	528.0	345.0		95.0		44.0	44.0
44213200	SAW CUTS	FOOT	3,896.0	2,054.0		920.0		382.0	270.0
44213204	TIE BARS 3/4"	EACH	40.0	10.0		20.0		10.0	

LOCATION OF WORK:

FAI 57	FAI 57	FAI 57	FAI 72	FAI 72
RURAL	RURAL	URBAN	RURAL	URBAN
INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
DOUGLAS CO.	CHAMPAIGN CO.	CHAMPAIGN CO.	CHAMPAIGN CO.	CHAMPAIGN CO.
100% STATE	100% STATE	100% STATE	100% STATE	100% STATE

CONSTRUCTION TYPE CODE:

0005	0005	0005	0005	0005
------	------	------	------	------

CODE NO	ITEM	UNIT	TOTAL				
			QUANTITY				
67100100	MOBILIZATION	LSUM	1.0	0.2	0.2	0.2	0.2
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	3.0	1.0		1.0	1.0
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	LSUM	1.0	0.2	0.2	0.2	0.2
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	12.0	4.0	2.0	2.0	2.0
X7010410	SPEED DISPLAY TRAILER	CAL MO	1.0	0.2	0.2	0.2	0.2
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28.0	7.0	3.0	4.0	7.0

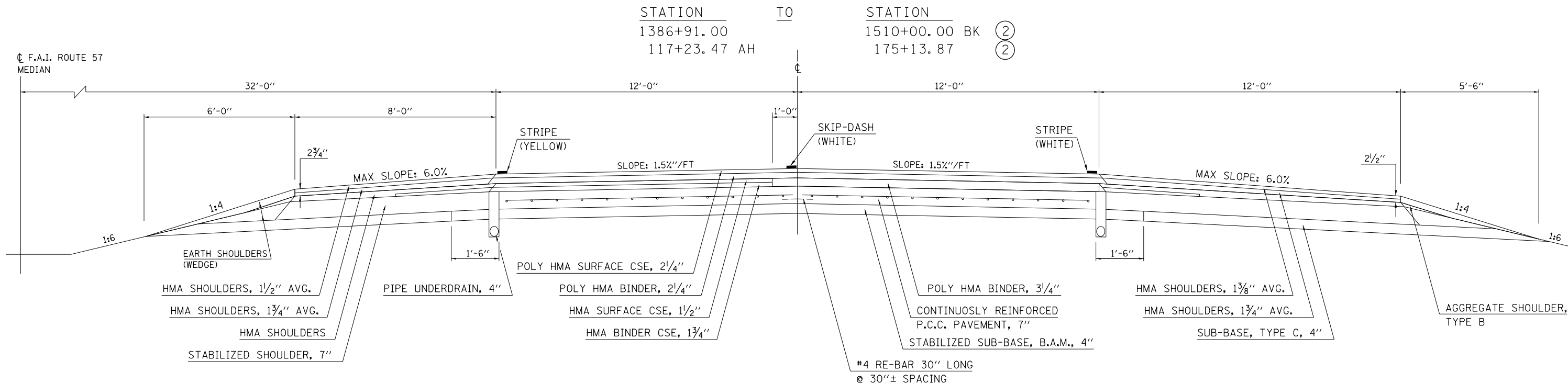
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• CHAMPAIGN, DOUGLAS

FILE NAME *	USER NAME * ceanlookjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\N\204EB\INTEG\illinois.gov\FWIDOT\Documents\DOT Offices\District 5\Projects\057\DRAWING\DATA\AD\Sheets\0570844-int-502.dwg		CHECKED -	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	20	7
PLOT SCALE * 48.0000 / / in.		DATE -	REVISED -						VAR.	D5 CM PATCHING 2016-5		CONTRACT NO. 70844		
PLOT DATE * 12/22/2015														

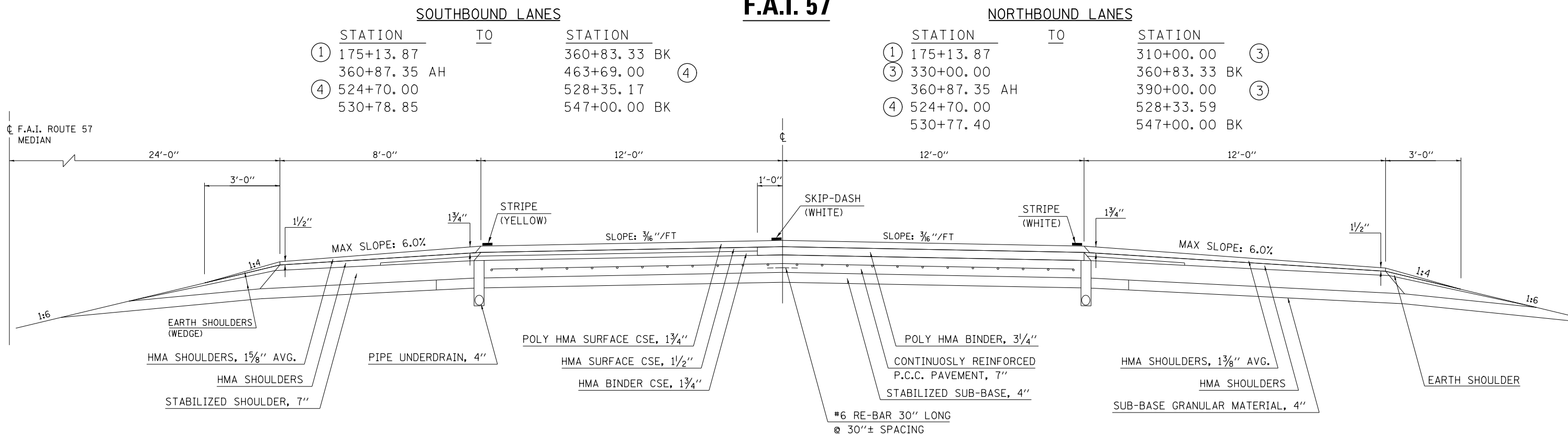
1 EXISTING TYPICAL CROSS SECTION

F.A.I. 57



2 EXISTING TYPICAL CROSS SECTION

F.A.I. 57



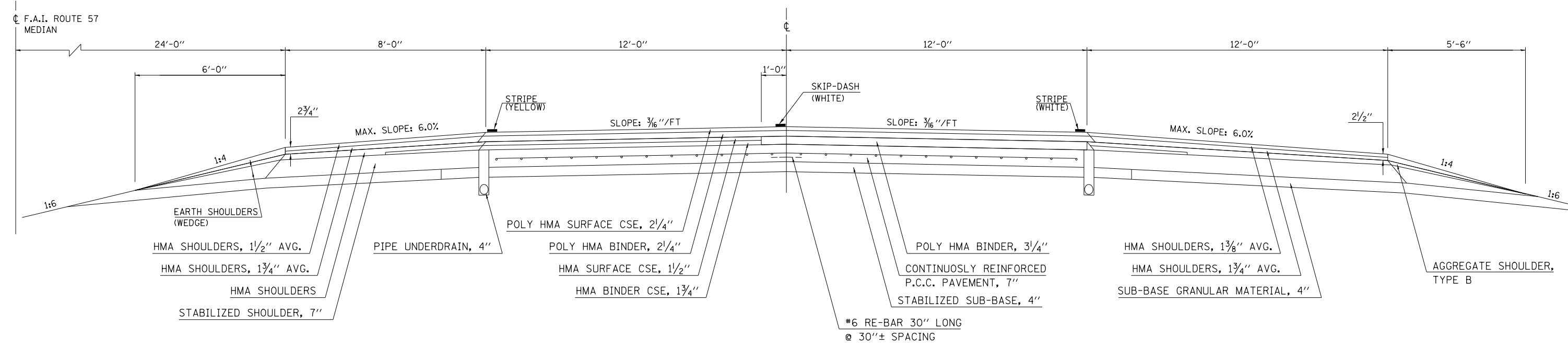
• CHAMPAIGN, DOUGLAS

FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\EA0\Sheets\0579B44-sht-Typical	DESIGNED -	REVISED -	VAR.					D5 CM PATCHING 2016-5	*	20	8	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70B44									
#MODELNAME#	DATE -	REVISED -	SCALE:		SHEET 1	OF 10 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

3 EXISTING TYPICAL CROSS SECTION

F.A.I. 57

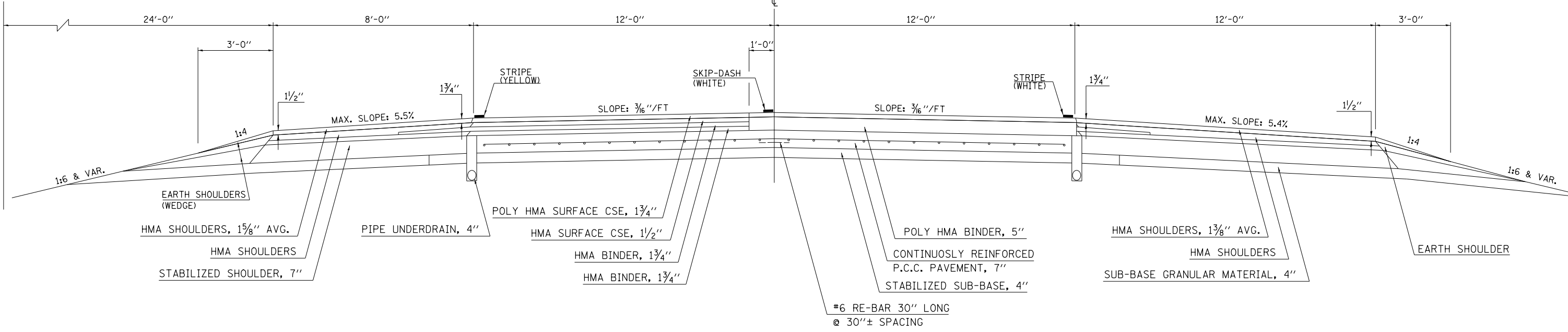
NORTHBOUND LANES ONLY	STATION	TO	STATION
	② 310+00.00		② 330+00.00
	② 390+00.00		④ 463+44.00



4 EXISTING TYPICAL CROSS SECTION

F.A.I. 57

MEDIAN	STATION	TO	STATION
	② ③ 463+44.00		② 524+70.00



• CHAMPAIGN, DOUGLAS

FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	
#MODELNAME#	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS			
SCALE:	SHEET 2 OF 10 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D5 CM PATCHING 2016-5	*	20	9
CONTRACT NO. 70B44				
ILLINOIS FED. AID PROJECT				

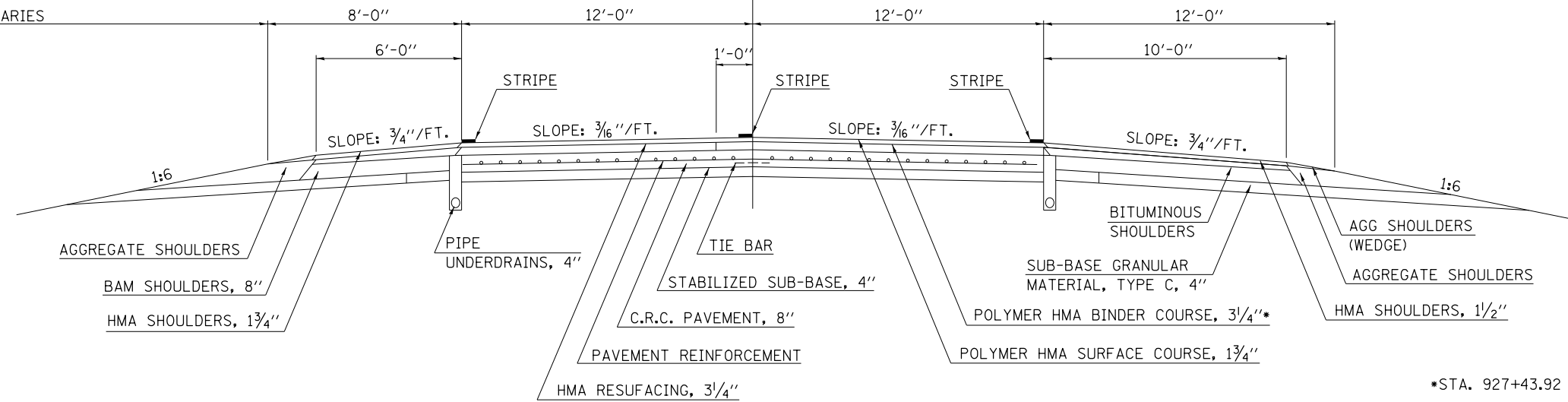
5 EXISTING TYPICAL CROSS SECTION F.A.I. 57

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.)
791+02.19 AH.		843+84.01 BK. (N. B. & S. B.) ⑥
⑥ 843+85.95 AH.		881+68.05 BK. (N. B. & S. B.) ⑦
⑥ 927+43.92		945+52.78 BK. (N. B. & S. B.) ⑦

CHAMPAIGN / DOUGLAS CO. LINE
AT STA. 848+62.49

☉ F.A.I. 57

24'-0" & VARIES

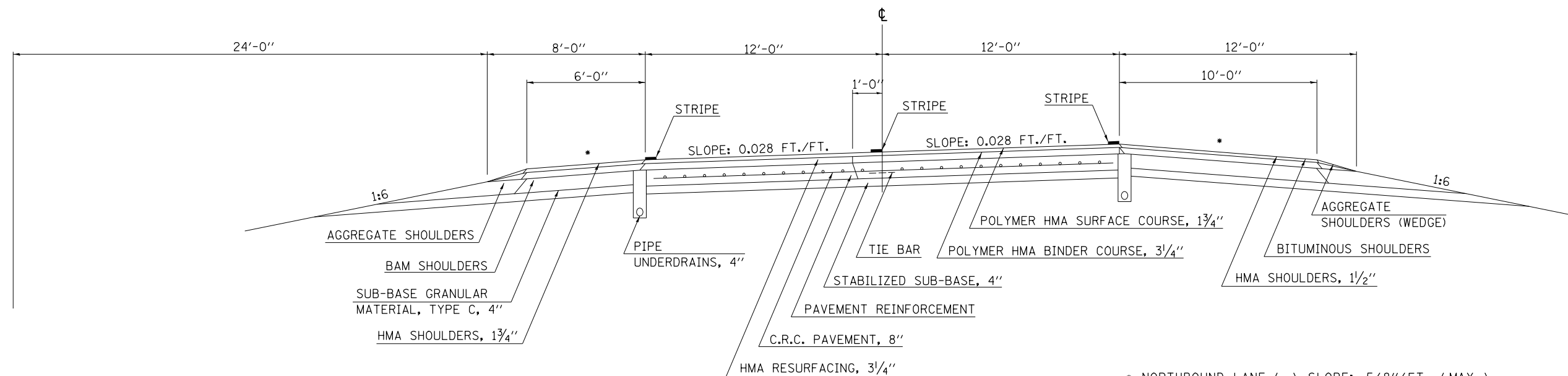


*STA. 927+43.92 TO STA. 945+52.78

6 EXISTING TYPICAL CROSS SECTION F.A.I. 57

STATION	TO	STATION
⑤ 881+68.75 AH.		927+43.92 (N. B. & S. B.) ⑤

☉ F.A.I. 57



* NORTHBOUND LANE SLOPE: 3/4" / FT. (MAX.)
* SOUTHBOUND LANE SLOPE: 5/8" / FT. (MAX.)

* NORTHBOUND LANE (-) SLOPE: 5/8" / FT. (MAX.)
* SOUTHBOUND LANE (-) SLOPE: 3/4" / FT. (MAX.)

* CHAMPAIGN, DOUGLAS

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
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		DATE -	REVISED -

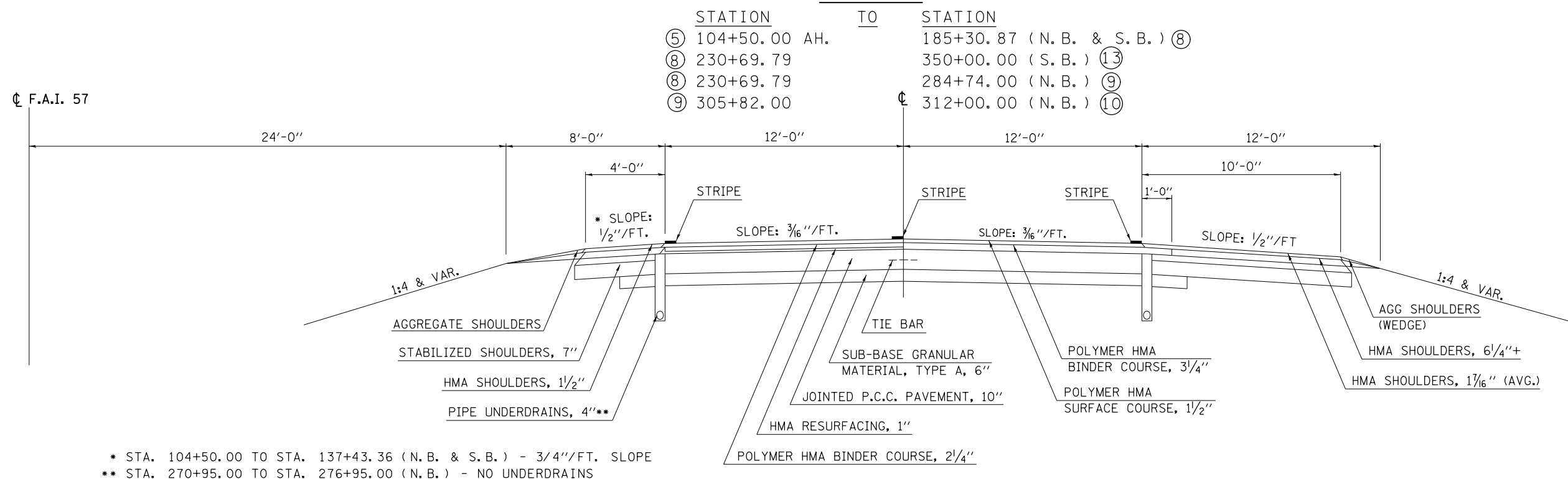
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

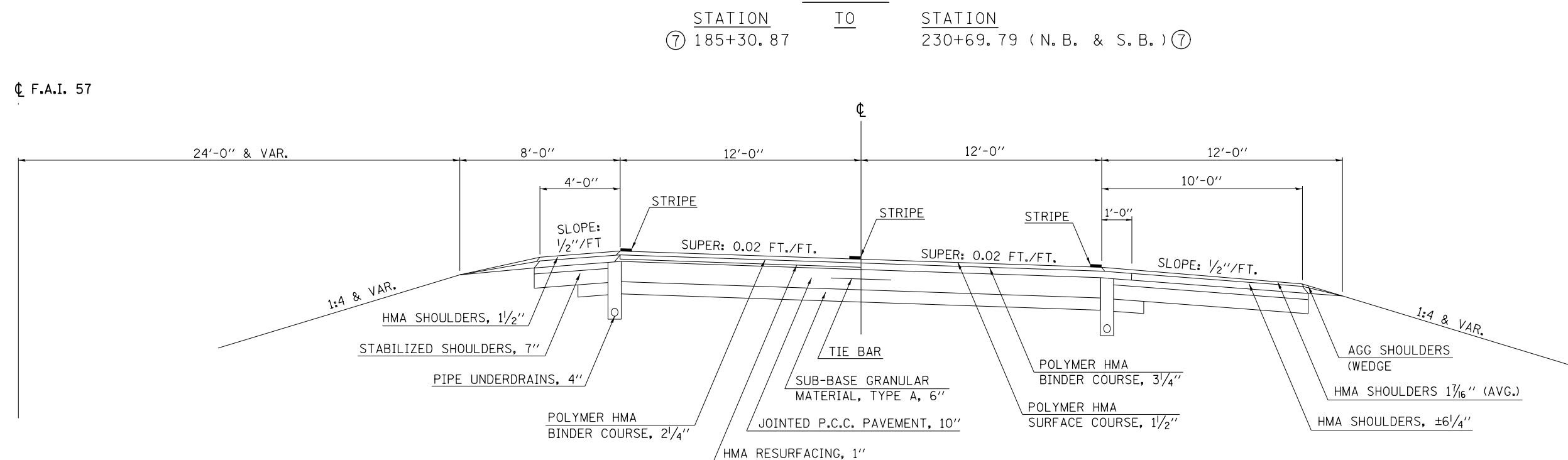
SCALE: SHEET 3 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D5 CM PATCHING 2016-5	*	20	10
CONTRACT NO. 70B44			ILLINOIS FED. AID PROJECT	

7 EXISTING TYPICAL CROSS SECTION F.A.I. 57



8 EXISTING TYPICAL CROSS SECTION F.A.I. 57

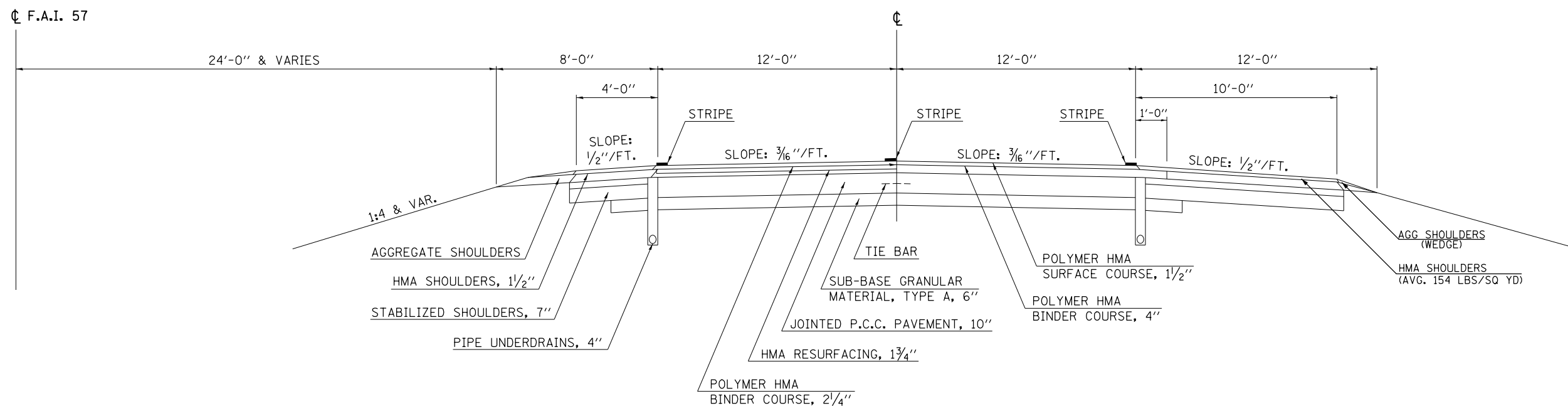


• CHAMPAIGN, DOUGLAS

FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN BY								VAR.	D5 CM PATCHING 2016-5	*	20	11
PLOT SCALE = 40.0000' / in.					CHECKED -	SCALE:			CONTRACT NO. 70B44			
PLOT DATE = 12/22/2015					DATE -	SHEET 4 OF 10 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT			

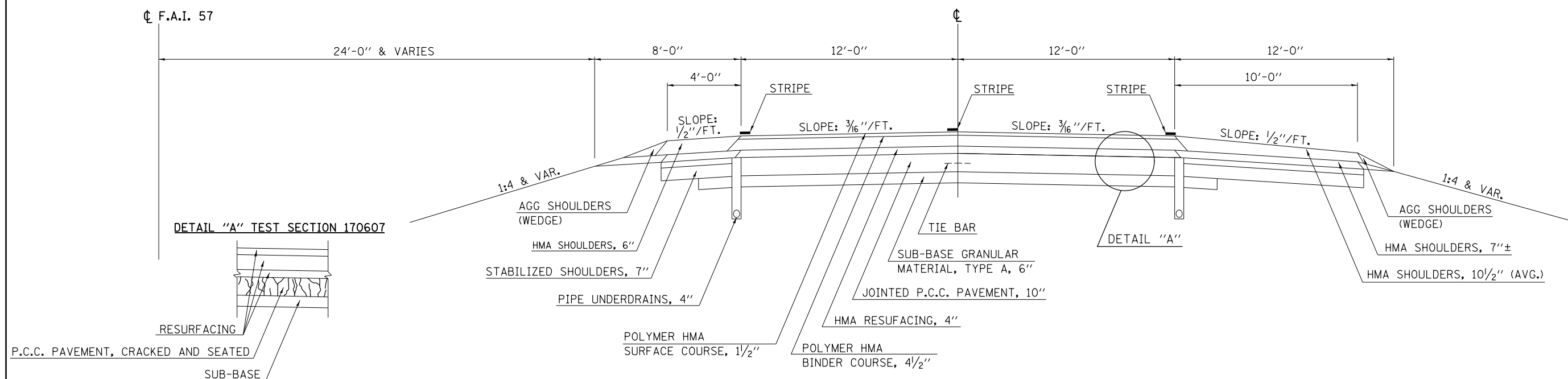
9 EXISTING TYPICAL CROSS SECTION F.A.I. 57

STATION ⑦ 284+74.00 TO STATION 305+82.00 (N. B.) ⑦



10 EXISTING TYPICAL CROSS SECTION F.A.I. 57

STATION ⑦ 312+00.00 TO STATION 323+95.00 (N. B.) ⑩

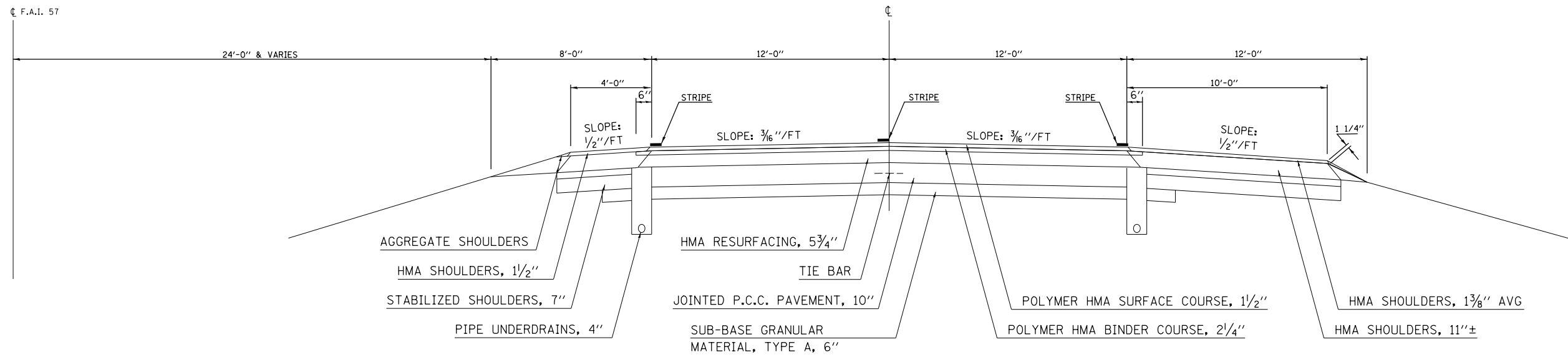


• CHAMPAIGN, DOUGLAS

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
DRAWN					REVISED -	SCALE:	SHEET 5	OF 10	SHEETS	STA.	TO STA.	VAR.	D5 CM PATCHING 2016-5	•	20	12
PLOT SCALE = 40.0000' / in.					CHECKED -	REVISED -	CONTRACT NO. 70B44									
PLOT DATE = 12/22/2015					DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

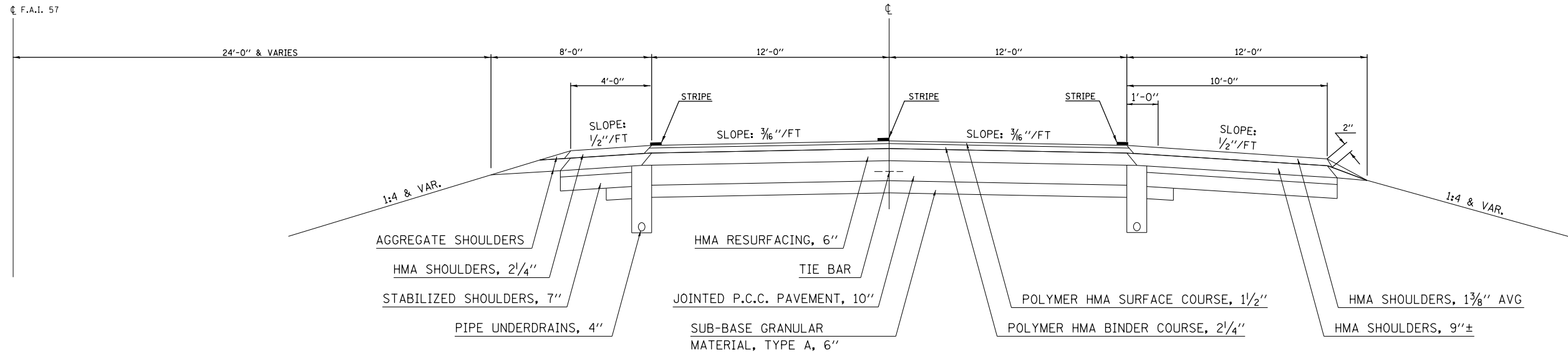
11 EXISTING TYPICAL CROSS SECTION F.A.I. 57

STATION 10 323+95.00 TO STATION 341+95.00 (N. B.) 12



12 EXISTING TYPICAL CROSS SECTION F.A.I. 57

STATION 11 341+95.00 TO STATION 350.00+00 (N. B.) 13



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBID\INTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 5\Projects\057\DRAWING\DATA\EA0\Sheets\0570844-sht-Typical	DESIGNED -	REVISED -	VAR.					D5 CM PATCHING 2016-5	*	20	13	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70B44									
*MODELNAME#	DATE -	REVISED -	SCALE:		SHEET 6	OF 10 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

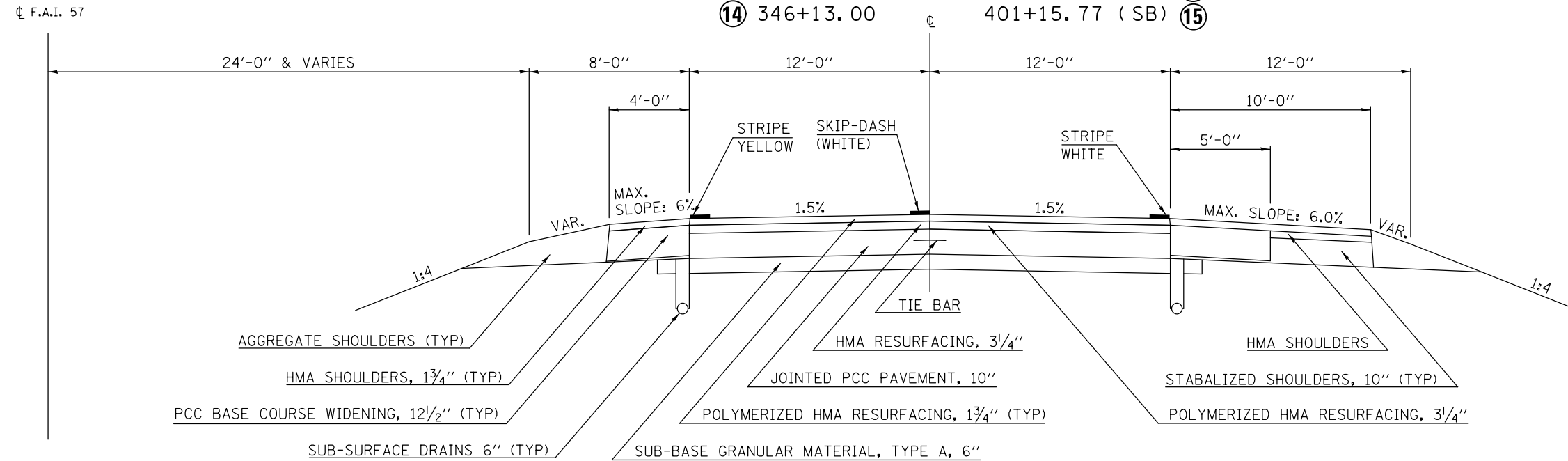
• CHAMPAIGN, DOUGLAS

13 EXISTING TYPICAL SECTION

F.A.I. 57

STATION	TO	STATION
350+00.00		526+64.06 (NB & SB) BK
83+43.47 AH		401+15.77 (NB) 15
83+43.47 AH		135+00.00 (SB) 14
14 346+13.00		401+15.77 (SB) 15

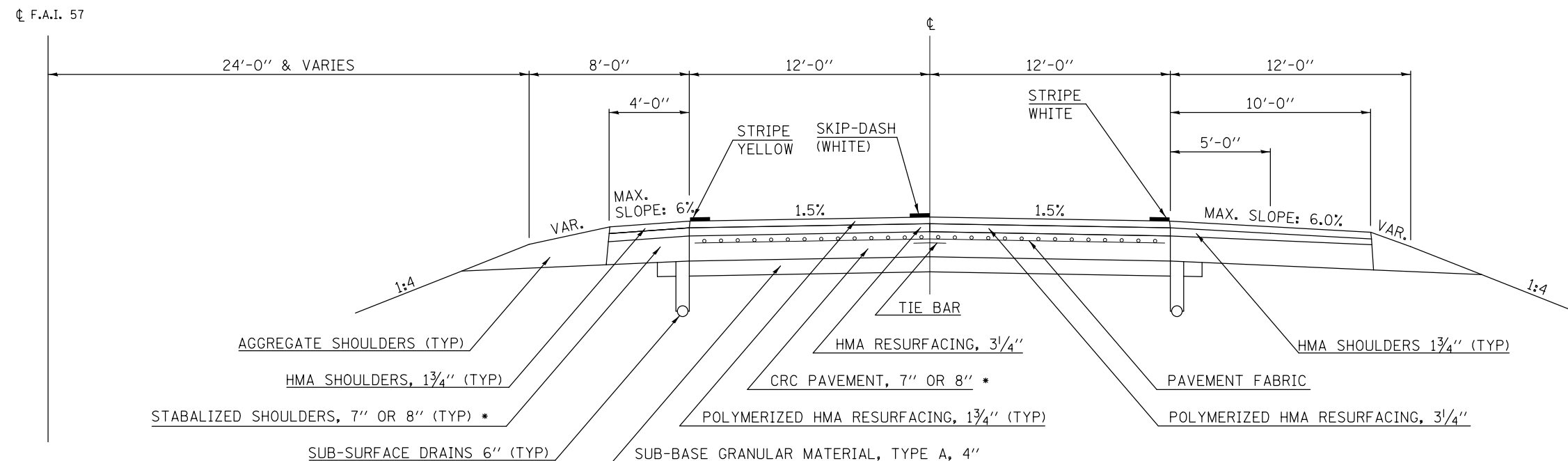
STATION EQUATIONS:
 STA 526+64.06 (BK) = STA 83+43.47 (AH)
 STA 373+56.20 (BK) = STA 373+51.69 (AH)



14 EXISTING TYPICAL SECTION

F.A.I. 57

STATION	TO	STATION
13 135+00.00		346+13.00 (SB) 13



* STA. 135+00.00 TO STA. 241+00.00 - 7"
 STA. 241+00.00 TO STA. 346+13.00 - 8"

* CHAMPAIGN, DOUGLAS

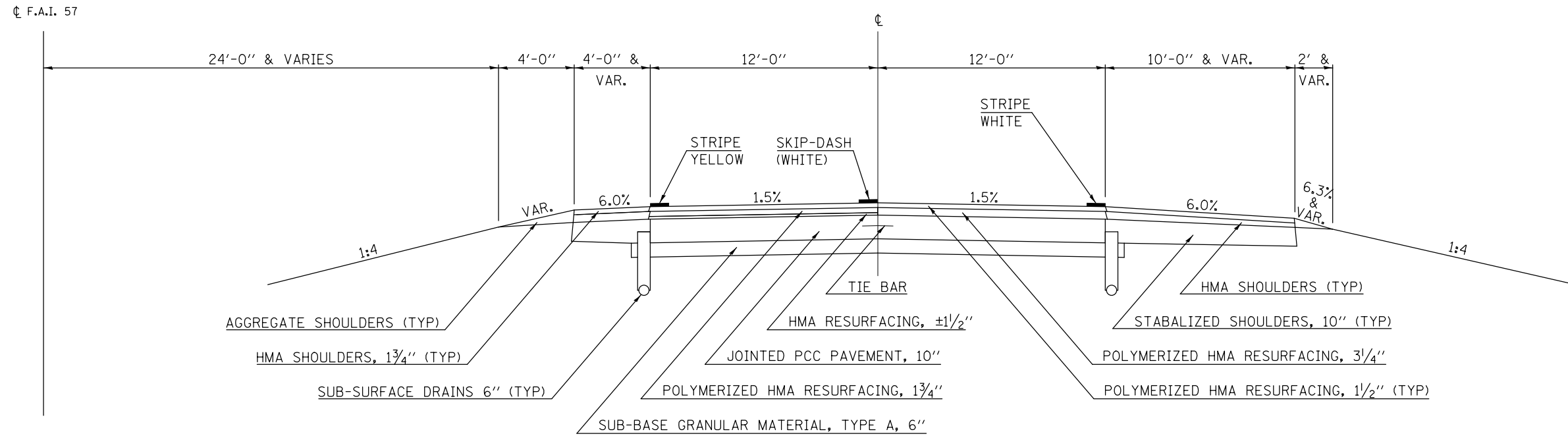
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PLOT SCALE = 40.0000' / in.		DATE -	REVISED -		SCALE: SHEET 7 OF 10 SHEETS STA. TO STA.			CONTRACT NO. 70B44				
*MODELNAME#	PLOT DATE = 12/22/2015				ILLINOIS FED. AID PROJECT							

EXISTING TYPICAL SECTION 15

F.A.I. 57

LOCATION MAP 1B

	STATION	I0	STATION	
13	401+15.77		492+69.23	16
16	522+00.92		545+00.00	17

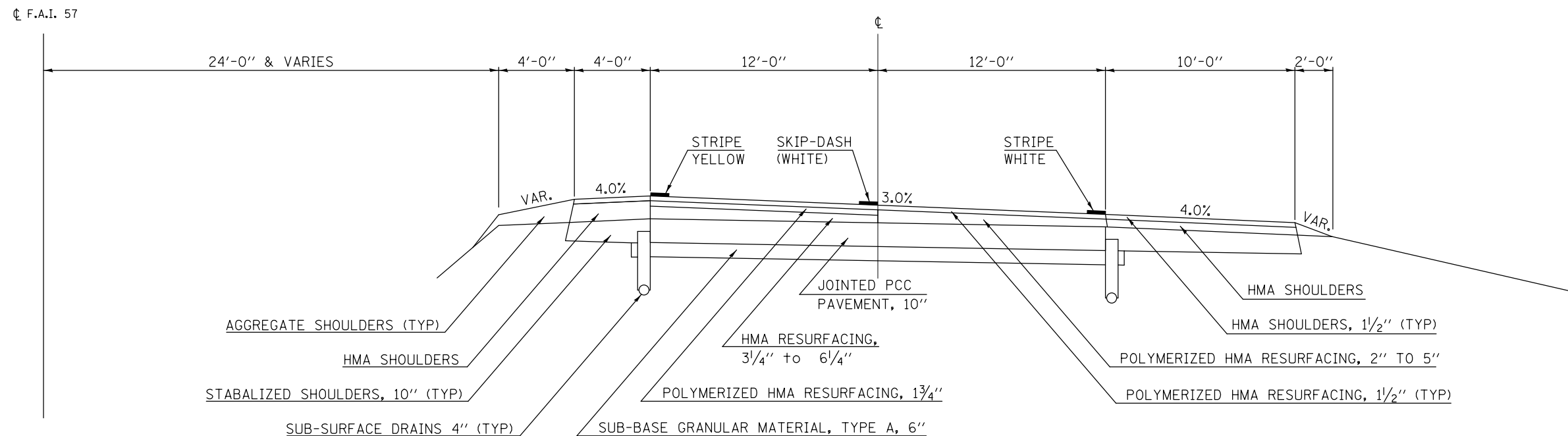


EXISTING TYPICAL SECTION 16

F.A.I. 57

LOCATION MAP 1B

	STATION	I0	STATION	
15	492+69.23		522+00.92	15



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 40.0000' / in.					CHECKED -	SHEET 8 OF 10 SHEETS				CONTRACT NO. 70B44				
#MODELNAME#					REVISED -	STA. TO STA.				ILLINOIS FED. AID PROJECT				
PLOT DATE = 12/22/2015				DATE -										

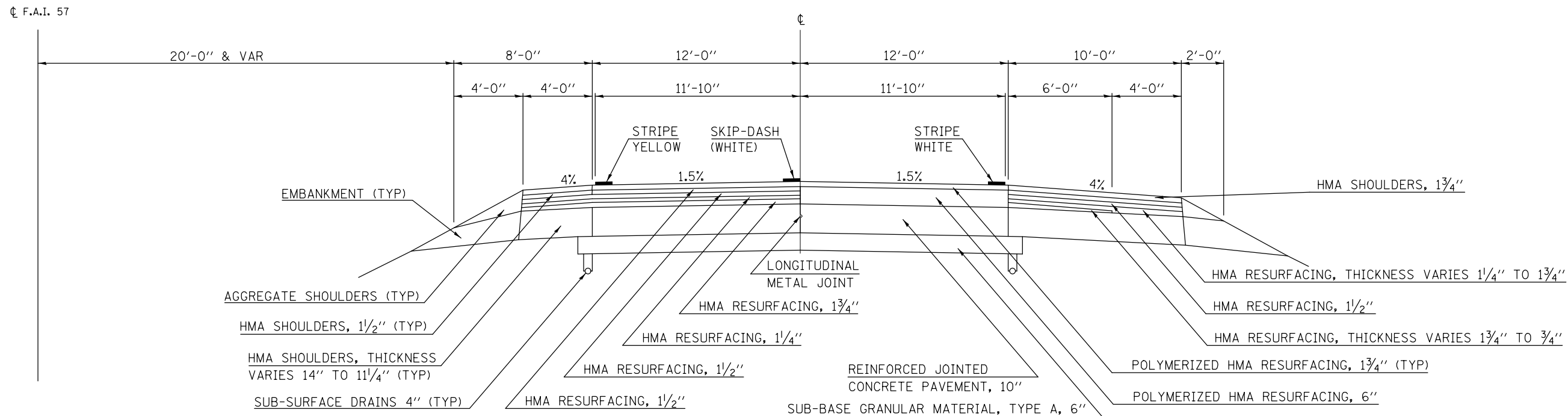
• CHAMPAIGN, DOUGLAS

EXISTING TYPICAL SECTION 17

F.A.I. 57

LOCATION MAP 1B

STATION IO STATION
 15 545+00.00 575+00.00 18

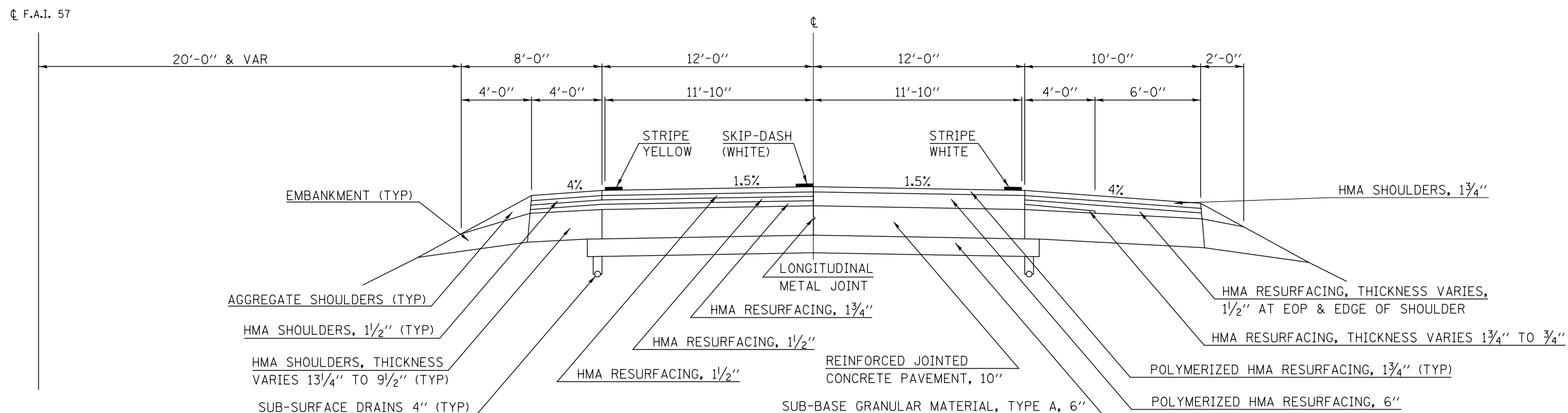


EXISTING TYPICAL SECTION 18

F.A.I. 57

LOCATION MAP 1B

STATION IO STATION
 17 575+00.00 623+36.00 19 20



• CHAMPAIGN, DOUGLAS

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS	SCALE:	SHEET 9 OF 10 SHEETS	STA. TO STA.																				
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DRAWN	CHECKED	DATE	REVISED																									
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																								
VAR.	D5 CM PATCHING 2016-5	•	20	16																								
CONTRACT NO. 70B44																												

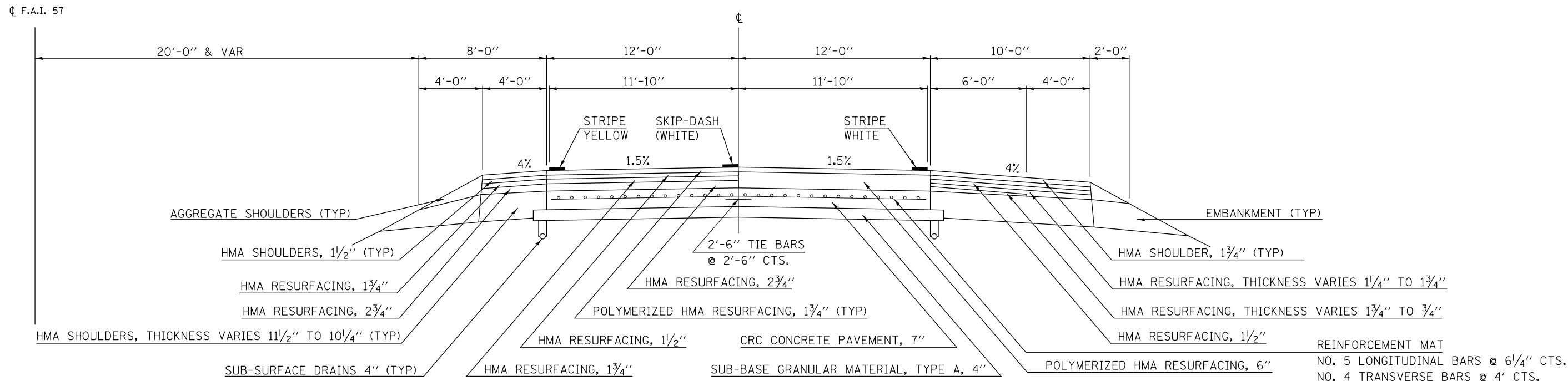
EXISTING TYPICAL SECTION 19

F.A.I. 57

LOCATION MAP 1B

NORTHBOUND LANES

STATION TO STATION
 ⑱ 623+36.00 637+35.00



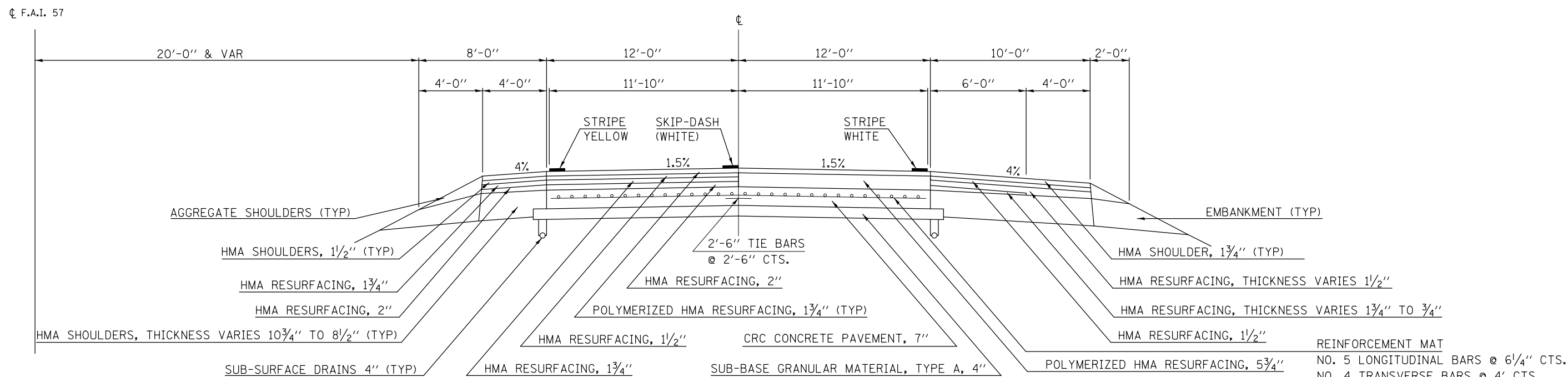
EXISTING TYPICAL SECTION 20

F.A.I. 57

LOCATION MAP 1B

SOUTHBOUND LANES

STATION TO STATION
 ⑱ 623+36.00 637+35.00



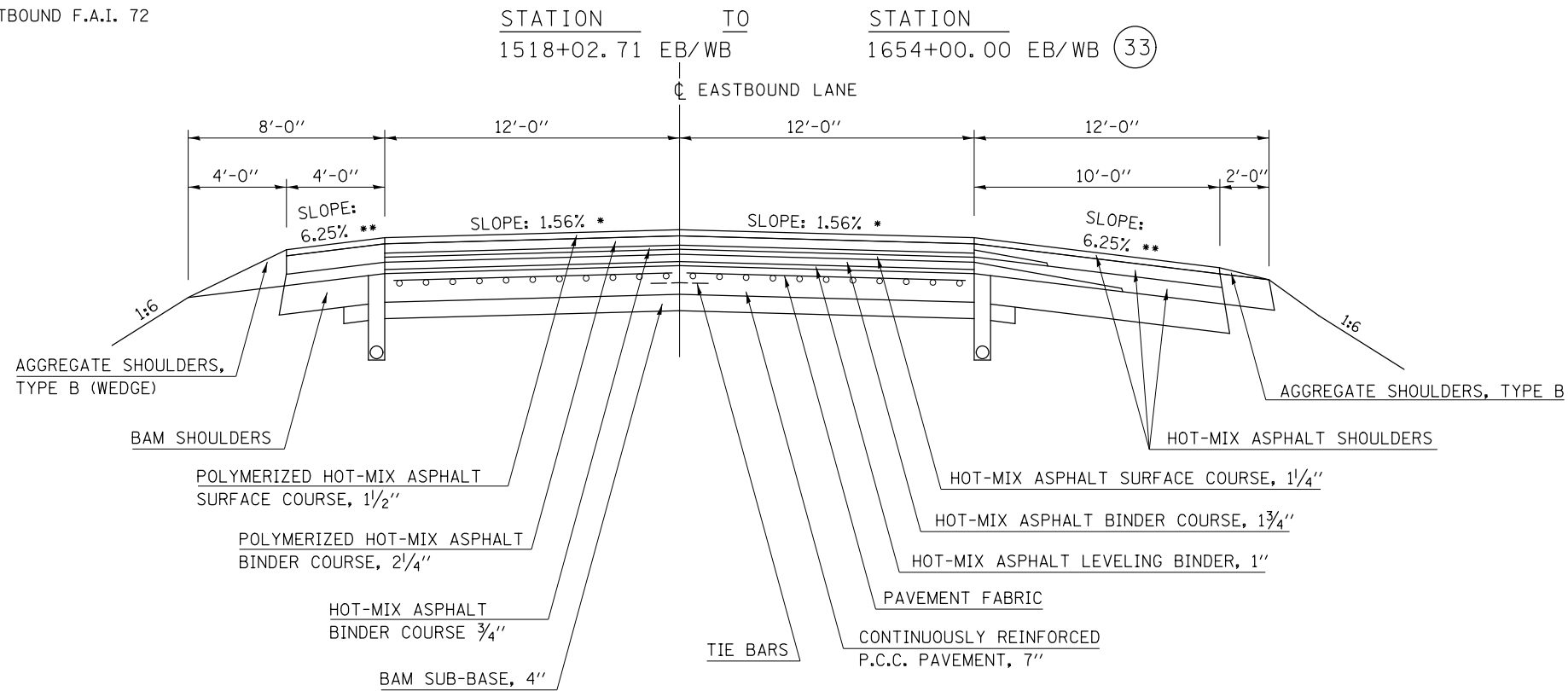
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DRAWN					REVISED -	SCALE:	SHEET 10	OF 10	SHEETS	STA.	TO STA.	VAR.	D5 CM PATCHING 2016-5	*	20	17
PLOT SCALE = 40.0000' / in.					CHECKED -	REVISED -							CONTRACT NO. 70B44			
#MODELNAME#				DATE -	REVISED -							ILLINOIS FED. AID PROJECT				

* SLOPE VARIES FOR SUPERELEVATION IN CURVES.
 ** SLOPE VARIES IN SUPERELEVATION WITH MAXIMUM OF 0.08 FT/FT DIFFERENCE.

EASTBOUND F.A.I. 72 SHOWN; SAME TYPICAL FOR WESTBOUND F.A.I. 72

21 EXISTING TYPICAL CROSS SECTION F.A.I. 72

LOCATION MAP 2

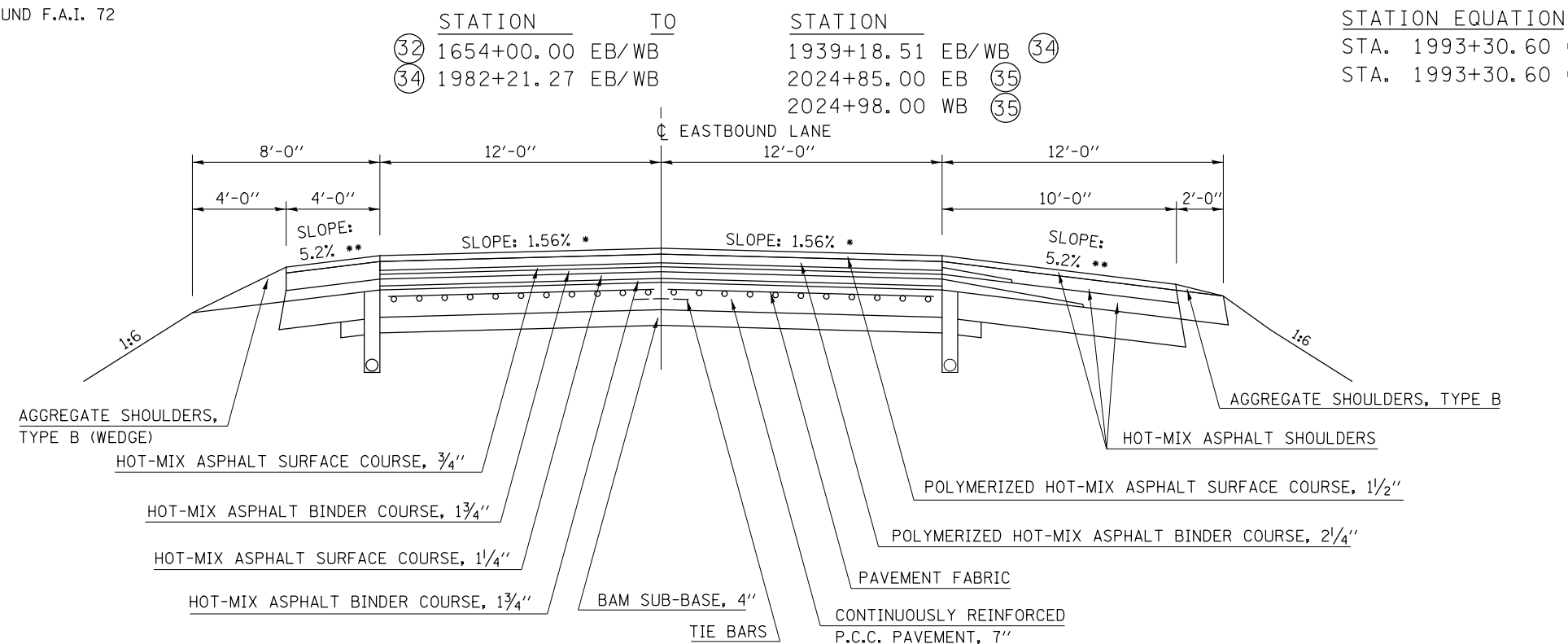


* SLOPE VARIES FOR SUPERELEVATION IN CURVES.
 ** SLOPE VARIES IN SUPERELEVATION WITH MAXIMUM OF 0.08 FT/FT DIFFERENCE.

EASTBOUND F.A.I. 72 SHOWN; SAME TYPICAL FOR WESTBOUND F.A.I. 72

22 EXISTING TYPICAL CROSS SECTION F.A.I. 72

LOCATION MAP 2



STATION EQUATION
 STA. 1993+30.60 (BK) TO 1993+30.58 (AH) EB
 STA. 1993+30.60 (BK) TO 1993+30.58 (AH) WB

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -
p:\11084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\0579\0579-11084-0579-11084-sht-Typical\0579-11084-0579-11084-sht-Typical.dwg		DRAWN -	REVISED -
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		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

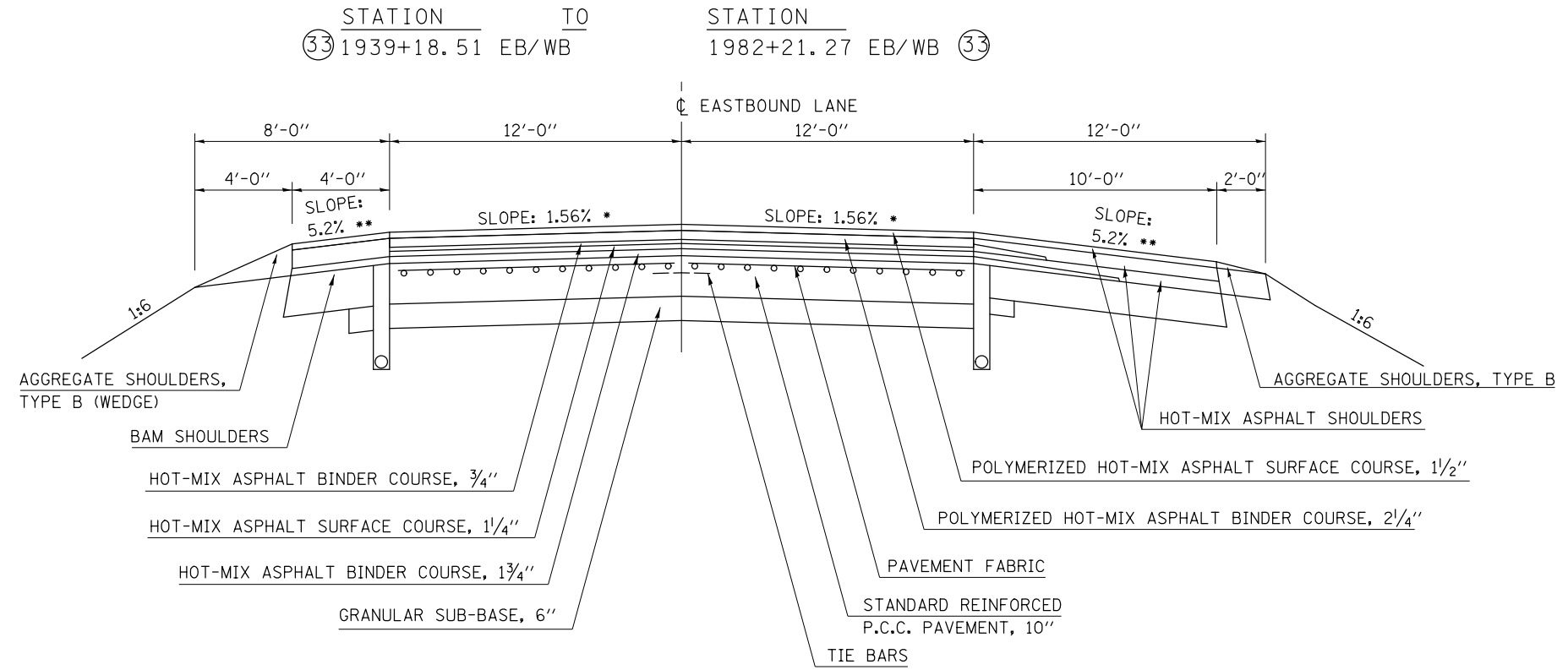
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D5 CM PATCHING 2016-5	*	20	18
			CONTRACT NO. 70B44	
ILLINOIS FED. AID PROJECT				

* CHAMPAIGN, DOUGLAS

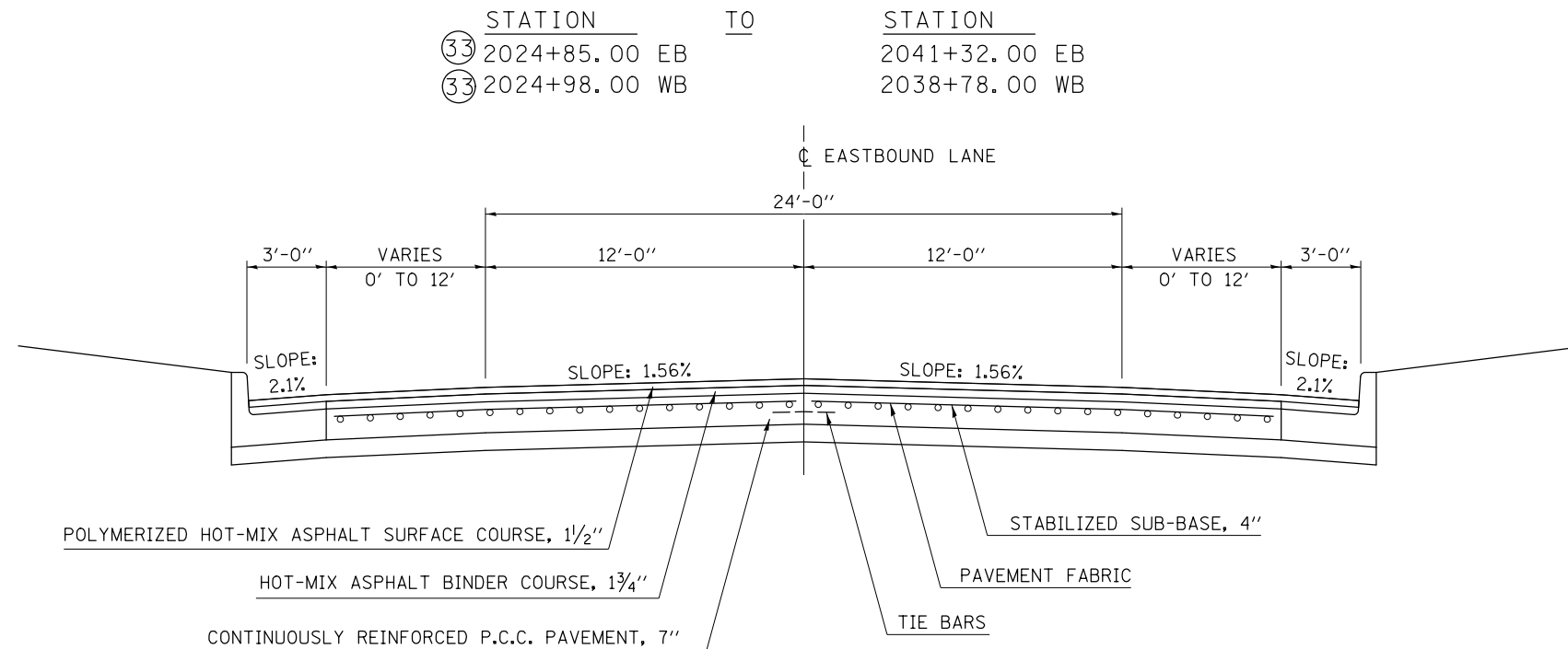
* SLOPE VARIES FOR SUPERELEVATION IN CURVES.
 ** SLOPE VARIES IN SUPERELEVATION WITH MAXIMUM OF 0.08 FT/FT DIFFERENCE.

23 EXISTING TYPICAL CROSS SECTION F.A.I. 72



EASTBOUND F.A.I. 72 SHOWN; SAME TYPICAL FOR WESTBOUND F.A.I. 72

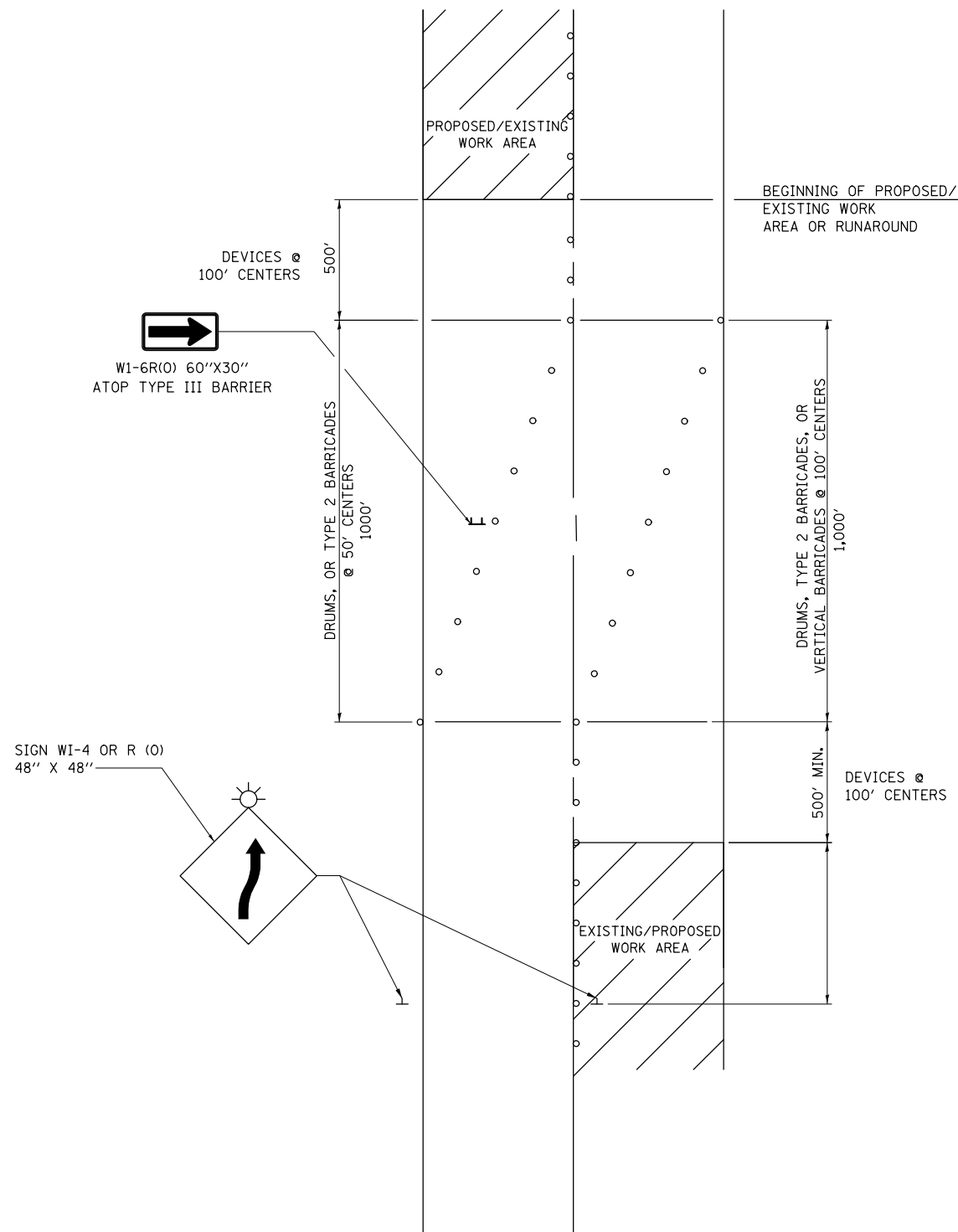
24 EXISTING TYPICAL CROSS SECTION F.A.I. 72



EASTBOUND F.A.I. 72 SHOWN, TYPICAL FOR WESTBOUND.

• CHAMPAIGN, DOUGLAS

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70B44									
*MODELNAME#	DATE -	REVISED -	SCALE:		SHEET 2 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				



- NOTES:**
1. THIS DETAIL ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE LEFT LANE PRIOR TO THE RIGHT LANE. UNDER THESE CONDITIONS, THE SETUP WOULD BE A MIRROR IMAGE TO WHAT IS SHOWN.
 2. ALL DEVICES SHALL CONFORM TO STD. 701901
 3. ALL CONFLICTING OR UNNECESSARY SIGNS SHALL BE REMOVED OR COVERED.
 4. ALL DEVICES REQUIRE STEADY BURN MONODIRECTIONAL LIGHTS IF WORK INVOLVES A NIGHT-TIME CLOSURE.
 5. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS.

• CHAMPAIGN, DOUGLAS

DISTRICT 5 DETAIL NO. 70100100

FILE NAME =	USER NAME = ceerlockjd	DESIGNED - 1/11	REVISED - 6/14
DRAWING NO. =		CHECKED -	REVISED -
PLOT SCALE = 40.0000' / in.		DATE -	REVISED -
PLOT DATE = 12/22/2015			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SWITCHBACK

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D5 CM PATCHING 2016-5	*	20	20
CONTRACT NO. 70B44			ILLINOIS FED. AID PROJECT	