

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

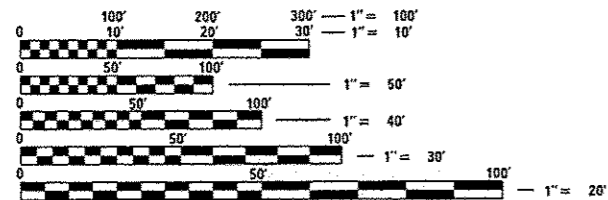
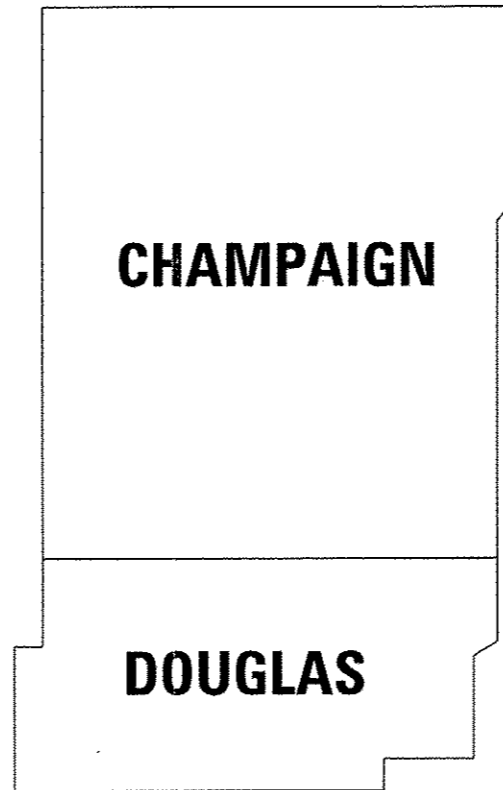
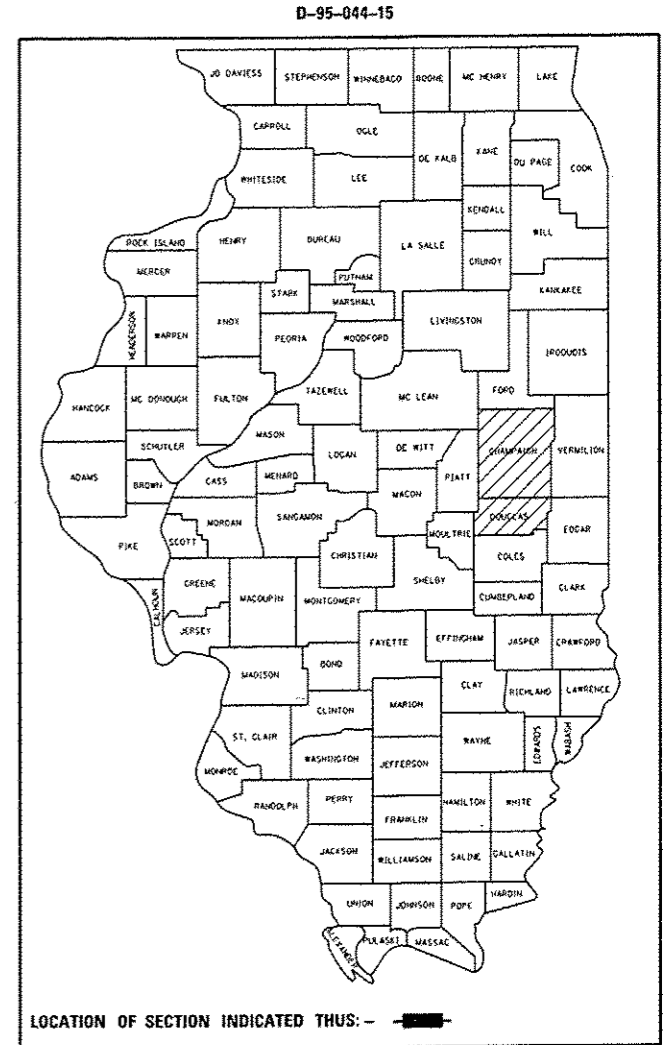
PATCHING  
CHAMPAIGN & DOUGLAS COUNTIES

C-95-044-15

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D5 CM PATCHING 2016-5	ILLINOIS	22	1
			CONTRACT NO. 70B44	
• CHAMPAIGN, DOUGLAS				

FOR INDEX OF SHEETS, SEE SHEET NO.  
FOR LOCATION MAPS, SEE SHEETS NO.  
FOR SUMMARY OF QUANTITIES, SEE SHEETS NO.

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 = 212,754.86 FT. = 40.294 MILE  
NET LENGTH = 212,754.86 FT. = 40.294 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED APRIL 7 2016  
Kensil G. Ganott  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 6 2016  
Maureen M. Addis Peja  
ENGINEER OF DESIGN AND ENVIRONMENT

May 6 2016  
Omer Osman Peja  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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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 - 21	PATCHING SCHEDULES
22	DISTRICT DETAIL 70100100 SWITCHBACK

## HIGHWAY STANDARDS

<u>STANDARD NO.</u>	<u>NAME OF STANDARD</u>
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-08	PAVEMENT JOINTS
420701-03	PAVEMENT FABRIC
442001-04	CLASS A PATCHES
442101-07	CLASS B PATCHES
701101-05	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
701426-08	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS $\geq$ 45 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701901-05	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 = oerlock_jd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS &amp; GENERAL NOTES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\884E810\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 5\Projects\057\DRAWING\DATA\05720844-sht-Gannett	PLOT SCALE = 48.0000' / 1".	CHECKED -	REVISED -			VAR.	D5 CM PATCHING 2016-5	*	22	2	
PLOT DATE = 4/7/2016	DATE -	REVISED -	SCALE:			SHEET 1 OF 1 SHEETS		STA.	TO STA.	ILLINOIS FED. AID PROJECT	
								CONTRACT NO. 70B44			

# 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)

DOUGLAS / CHAMPAIGN CO. LINE  
STA. 848 + 62.49

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

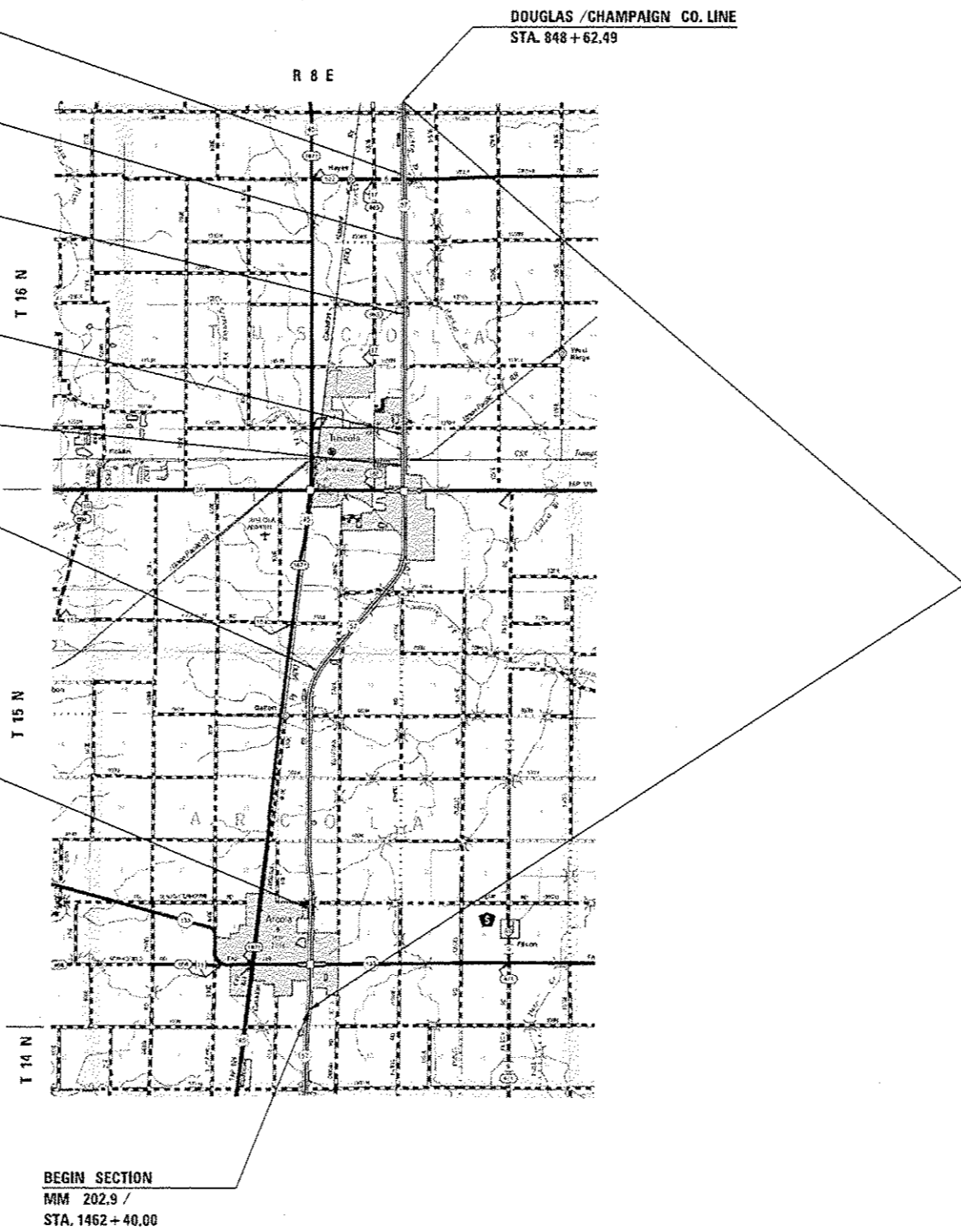
STATION EQUATION:  
STA. 687 + 00.00 (BK) =  
STA. 687 + 03.30 (AH)

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)

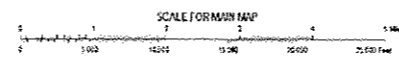


LEG "A"

**APPROXIMATE MILE MARKER LOCATIONS**

DESCRIPTION	MILE MARKER
UNDER TR 83/800N	209.89
UNDER TR 49/1050N	212.62
UNDER TR 25/1250 N	214.62
UNDER TR 157D (WELLHOUSE RD)	204.47
UNDER TR 119/600N	207.49
UNDER TR 108/EGYPTIAN TRAIL/1000E	208.82
UNDER IL 133	203.50
UNDER CH 6/VILLA GROVE RD	216.61
NB OVER US 36	211.60
MUNICIPAL LIMIT (TUSCOLA)	210.49
MUNICIPAL LIMIT (TUSCOLA)	211.84
MUNICIPAL LIMIT (ARCOLA)	203.00
MUNICIPAL LIMIT (ARCOLA)	203.99
DOUGLAS/CHAMPAIGN CO. LINE	217.66
COLES CO. LINE/UNDER TR 13	201.47

BEGIN SECTION  
MM 202.9 /  
STA. 1462 + 40.00



GROSS LENGTH = 77,886.15 FT. = 14.751 MILE  
NET LENGTH = 77,886.15 FT. = 14.751 MILE

**TOWNSHIPS**

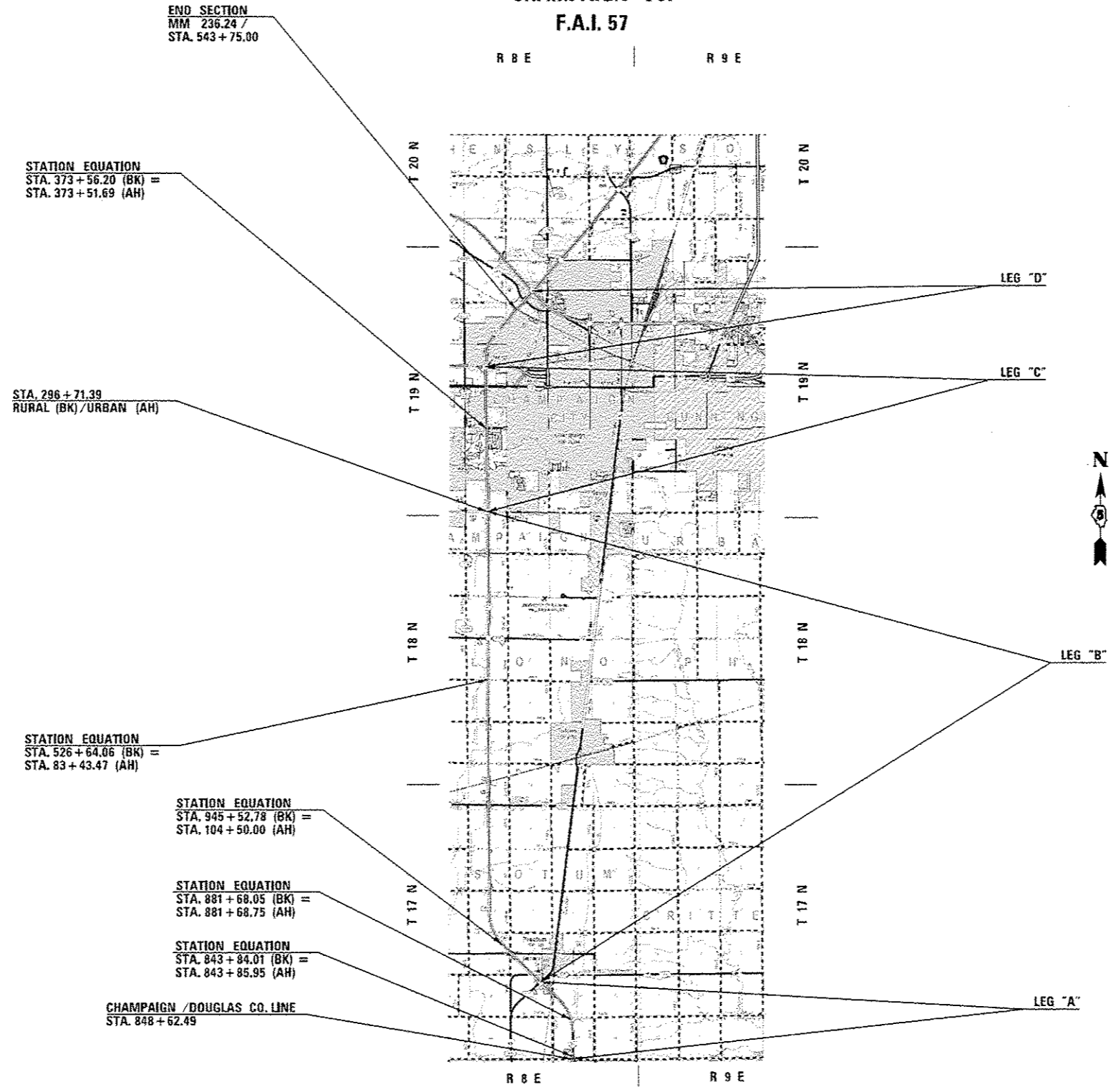
TUSCOLA  
ARCOLA

• CHAMPAIGN, DOUGLAS

FILE NAME =	USER NAME = gerrick_d	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LOCATION MAP 1A</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\1884EB\INTEG.s\illinois.gov\PIW\DOT\Documents\DOT Offices\District 5\Projects\057\DRAWING>Data\CAD\sheet\057\0844-sht-Location	REVISION	VAR.	D5 CM PATCHING 2016-5				22	3		
PLOT SCALE = 48.0000 "/> <td>CHECKED -</td> <td>SCALE:</td> <td>SHEET 1 OF 3 SHEETS</td> <td>STA.</td> <td>TO STA.</td> <td>CONTRACT NO. 70844</td>	CHECKED -	SCALE:	SHEET 1 OF 3 SHEETS			STA.	TO STA.	CONTRACT NO. 70844		
#MODELNAME#	DATE -	ILLINOIS FED. AID PROJECT								

# LOCATION MAP 1B

CHAMPAIGN 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%
LEG "B" ADT(2014) = 21,400	SU=4.8% MU=28.5%
LEG "C" ADT(2014) = 24,200	SU=4.3% MU=26.0%
LEG "D" ADT(2014) = 32,400	SU=6.2% MU=25.6%

## APPROXIMATE MILE MARKER LOCATIONS

DESCRIPTION	MILE MARKER
DOUGLAS/CHAMPAIGN CO. LINE	217.66
NB OVER IC RR & TR 132	219.37
MUNICIPAL LIMIT (PESOTUM)	219.48
NB OVER US 45	219.74
MUNICIPAL LIMIT (PESOTUM)	220.01
UNDER TR 297 B (250 N)	220.73
UNDER TR 283/400 N	222.40
UNDER IVESDALE/SADORUS RD	224.46
UNDER TR 251/800N	226.47
UNDER MONTICELLO RD	228.48
UNDER OLD CHURCH RD/1200 N	230.52
UNDER CURTIS ROAD	231.53
MUNICIPAL LIMIT (CHAMPAIGN)	232.03
UNDER WINDSOR RD	232.53
UNDER KIRBY AVE	233.54
UNDER I-72 EB	235.02
UNDER I-72 WB	235.04
UNDER BRADLEY AVE	235.56
UNDER CNRL RR	236.64
UNDER US 150	236.95
UNDER I-74 EB	237.23
UNDER I-74 WB	237.25
UNDER MATTIS AVE	237.77
MUNICIPAL LIMIT (CHAMPAIGN)	238.54
UNDER TR 146/1100 E	239.33
UNDER MARKET ST.	240.41
MP 241	241.00

TOWNSHIPS
PESOTUM
TOLONO
CHAMPAIGN
HENSLEY

• CHAMPAIGN, DOUGLAS

FILE NAME :	USER NAME : s pearlookjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP 1B	F.A. RTE.	SECTION	COUNTY	TOTAL SHEET	
\\N:\084EBID\INTEG\Illinois.gov\PIW007\Documents\1007 Offices\District 0\Projects\0078\DRAMS\Drawings\CA0\shwts\0570844-sh1-Loc	PLANNED BY : s pearlookjd	CHECKED -	REVISED -			VAR.	05 CM PATCHING 2016-5	*	22	4
#MODELNAME#	PLLOT SCALE = 40.0000 "/ in.	DATE -	REVISED -			SCALE:	SHEET 2 OF 3 SHEETS	STA.	TO STA.	CONTRACT NO. 70844
	PLLOT DATE = 4/7/2016									ILLINOIS FED. AID PROJECT

**CURRENT ADT**

FUNCTIONAL CLASSIFICATION: INTERSTATE  
FAI 72 (I-72)

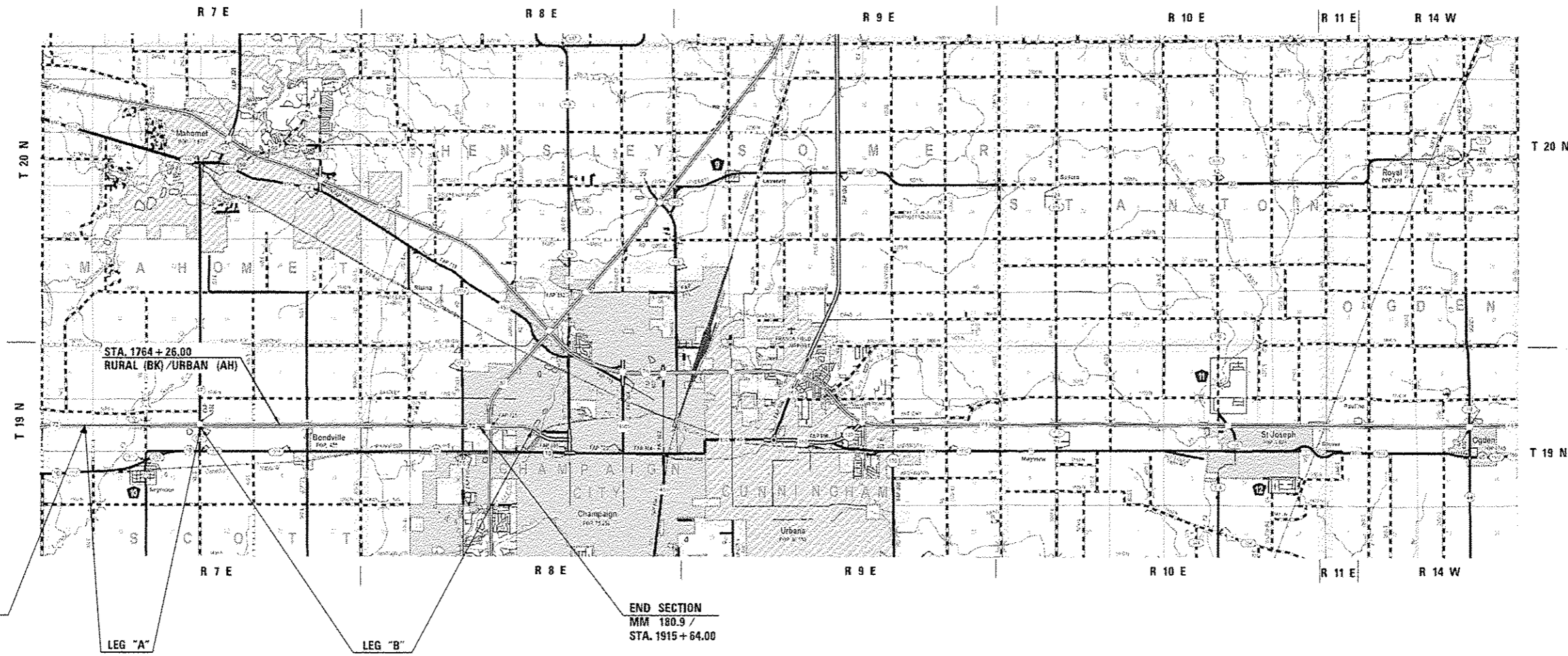
LEG "A" ADT (2015) = 14,800 SU = 3.2% MU = 15.2%  
LEG "B" ADT (2015) = 15,100 SU = 3.8% MU = 15.0%

**LOCATION MAP 2**

CHAMPAIGN CO.  
F.A.I. 72

**APPROXIMATE MILE MARKER LOCATIONS**

DESCRIPTION	MILE MARKER
PIATT/CHAMPAIGN CO. LINE	173.35
UNDER TR 26/200 E	175.32
UNDER IL 47	176.33
RURAL BACK/URBAN AHEAD	178.30
UNDER MARKET ST/CH 19	178.33
UNDER TR 94/700 E/RISING ROAD	180.25
OVER I-57	181.25



**F.A.I. 72 (I-72)**  
GROSS LENGTH = 35,974.00 FT. = 6.813 MILE  
NET LENGTH = 35,974.00 FT. = 6.813 MILE

TOWNSHIPS
CHAMPAIGN
SCOTT

I-72 CHAMPAIGN

FILE NAME *	USER NAME * ceerlochjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP 2	F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.	
MM 174 /	STA. 1555 + 90.00	CHECKED -	REVISED -			VAR.	05 CM PATCHING 2016-5	*	22	5
STA. 1764 + 26.00	RURAL (BK)/URBAN (AH)	DATE -	REVISED -			SCALE:	SHEET 3 OF 3 SHEETS	STA.	TO STA.	CONTRACT NO. 70844
END SECTION	MM 180.9 /					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
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CODE NO	ITEM	UNIT	TOTAL QUANTITY						
44200050	WELDED WIRE REINFORCEMENT	SO YD	117.3			16.0	101.3		
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SO YD	16.0				16.0		
44200645	CLASS A PATCHES, TYPE II, 16 INCH	SO YD	169.0	72.0				38.0	59.0
44200646	CLASS A PATCHES, TYPE III, 16 INCH	SO YD	24.0	24.0					
44200647	CLASS A PATCHES, TYPE IV, 16 INCH	SO YD	94.0	94.0					
44201031	CLASS B PATCHES, TYPE II, 15 INCH	SO YD	227.0			43.0	184.0		
44201035	CLASS B PATCHES, TYPE III, 15 INCH	SO YD	56.0			16.0	40.0		
44201037	CLASS B PATCHES, TYPE IV, 15 INCH	SO YD	27.0			27.0			
44201299	DOWEL BARS 1 1/2"	EACH	560.0			120.0	440.0		
44213000	PATCHING REINFORCEMENT	SO YD	317.5	205.4			16.0	37.4	58.7
44213200	SAW CUTS	FOOT	3,666.0	1,050.0		618.0	1,254.0	276.0	468.0
44213204	TIE BARS 3/4"	EACH	90.0	70.0			20.0		
67100100	MOBILIZATION	LSUM	1.0	0.2	0.2		0.2	0.2	0.2
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	22.0	5.0	3.0		8.0	4.0	2.0
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	LSUM	1.0	0.2	0.2		0.2	0.2	0.2

• CHAMPAIGN, DOUGLAS

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11284EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\DRAWING\0579\CAD\sheet\0579B44-sht-500.d	0579	0579	0579			VAR.	05 CM PATCHING 2016-5	*	22	6
PLOT SCALE = 48,0000 1/4 in.	CHECKED :	REVISED :	REVISED :			CONTRACT NO. 70844				
PLOT DATE = 4/7/2016	DATE :	REVISED :	REVISED :			SCALE:	SHEET 1 OF 2 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT		

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					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	12.0	2.0	2.0	4.0	2.0	2.0
X7010410	SPEED DISPLAY TRAILER	CAL MO	1.0	0.2	0.2	0.2	0.2	0.2
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	42.0	14.0	7.0	7.0	7.0	7.0

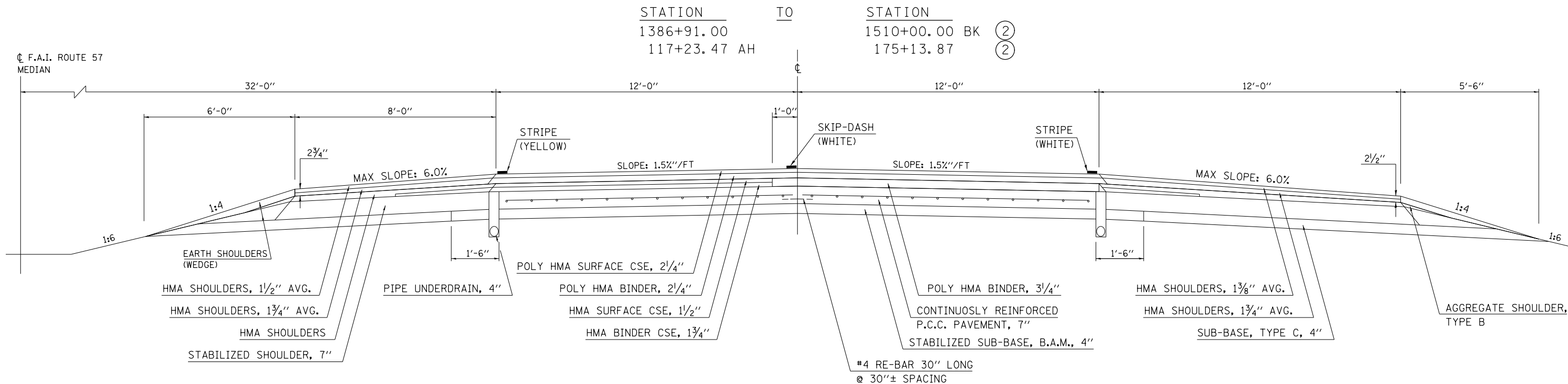
3

• CHAMPAIGN, DOUGLAS

FILE NAME *	USER NAME = ceerlookjd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\\L284E8IDINTEG\illinois.gov\PI007\Documents\DOT Offices\District 5\Projects\057\DRAWING\DATA\CAD\dwg\0570844-sht-500.dwg	DRAWING DATA\CAD\dwg\0570844-sht-500.dwg	CHECKED -	REVISED -					VAR.	D5 CM PATCHING 2016-5	*	22	7
MODEL NAME *	PLOT SCALE = 48.0000 1/ in.	DATE -	REVISED -		SCALE:	SHEET 2 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 70B44			
	PLOT DATE = 4/7/2016								ILLINOIS FED. AID PROJECT			

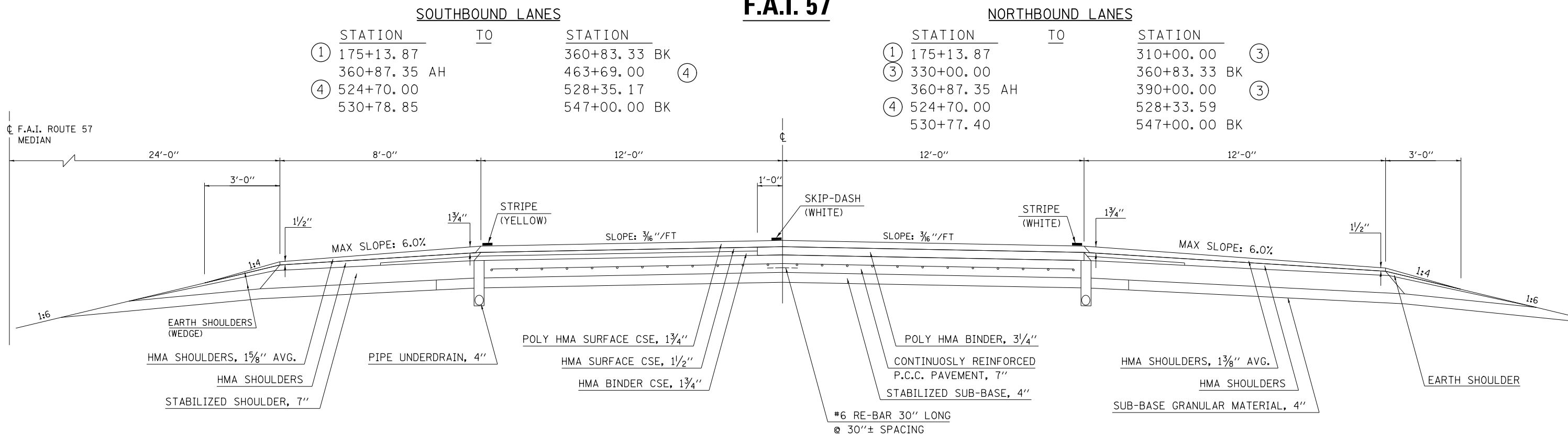
# 1 EXISTING TYPICAL CROSS SECTION

## F.A.I. 57



# 2 EXISTING TYPICAL CROSS SECTION

## F.A.I. 57



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>			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	*	22	8	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70B44									
*MODELNAME#	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

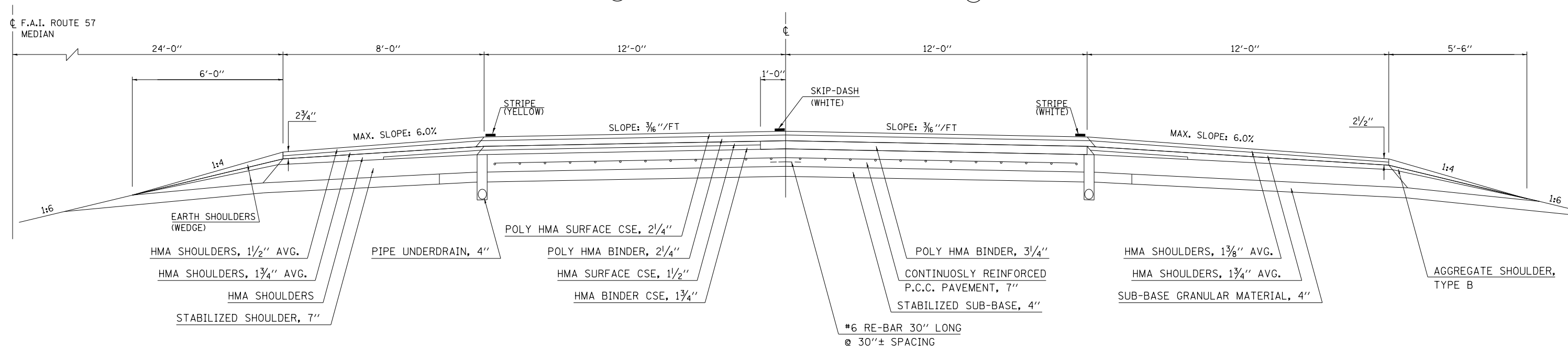


**3 EXISTING TYPICAL CROSS SECTION**

**F.A.I. 57**

NORTHBOUND  
LANES  
ONLY

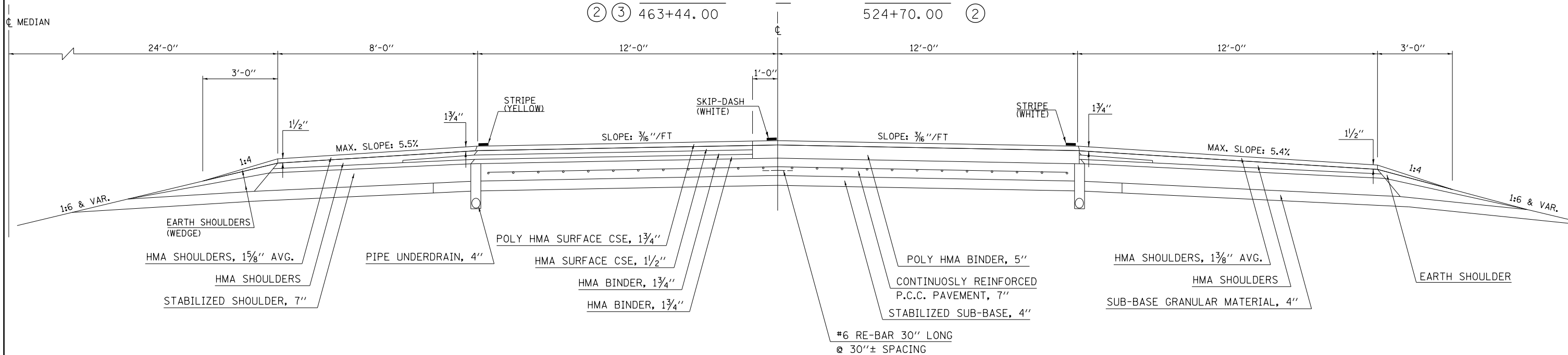
STATION	TO	STATION
② 310+00.00		② 330+00.00
② 390+00.00		④ 463+44.00



**4 EXISTING TYPICAL CROSS SECTION**

**F.A.I. 57**

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



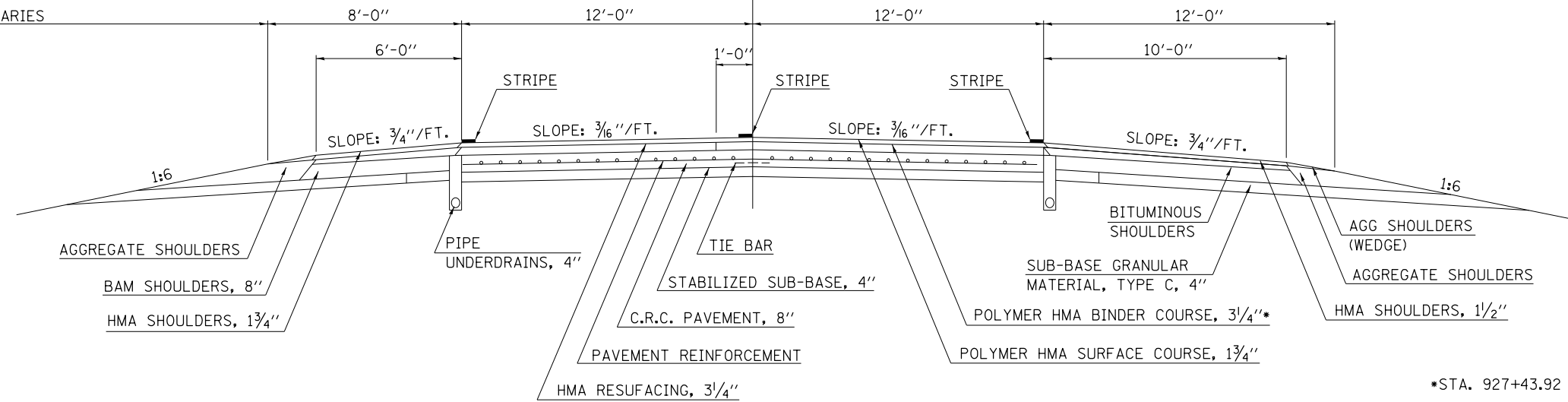
**5 EXISTING TYPICAL CROSS SECTION**  
**F.A.I. 57**

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

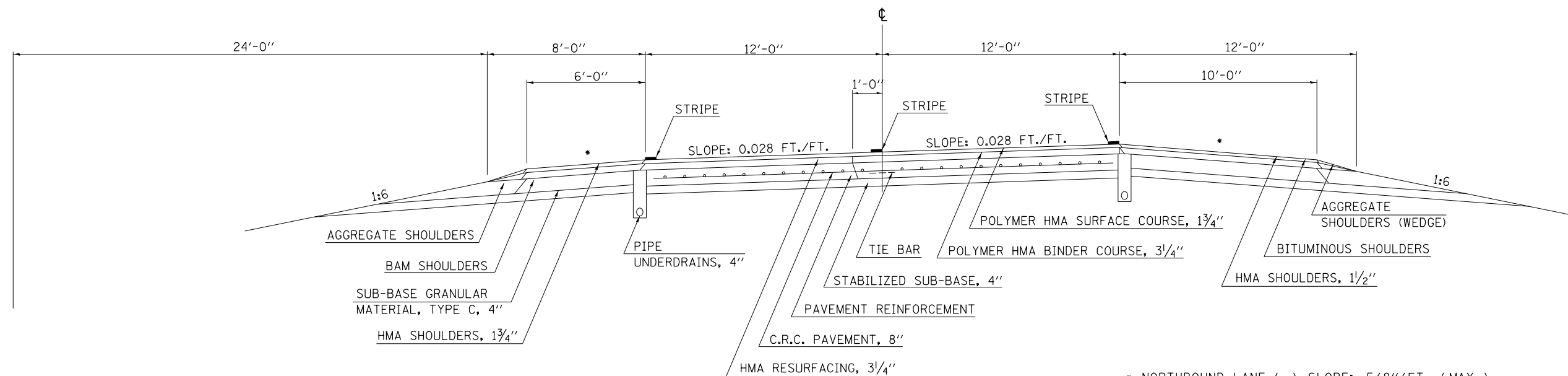


\*STA. 927+43.92 TO STA. 945+52.78

**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



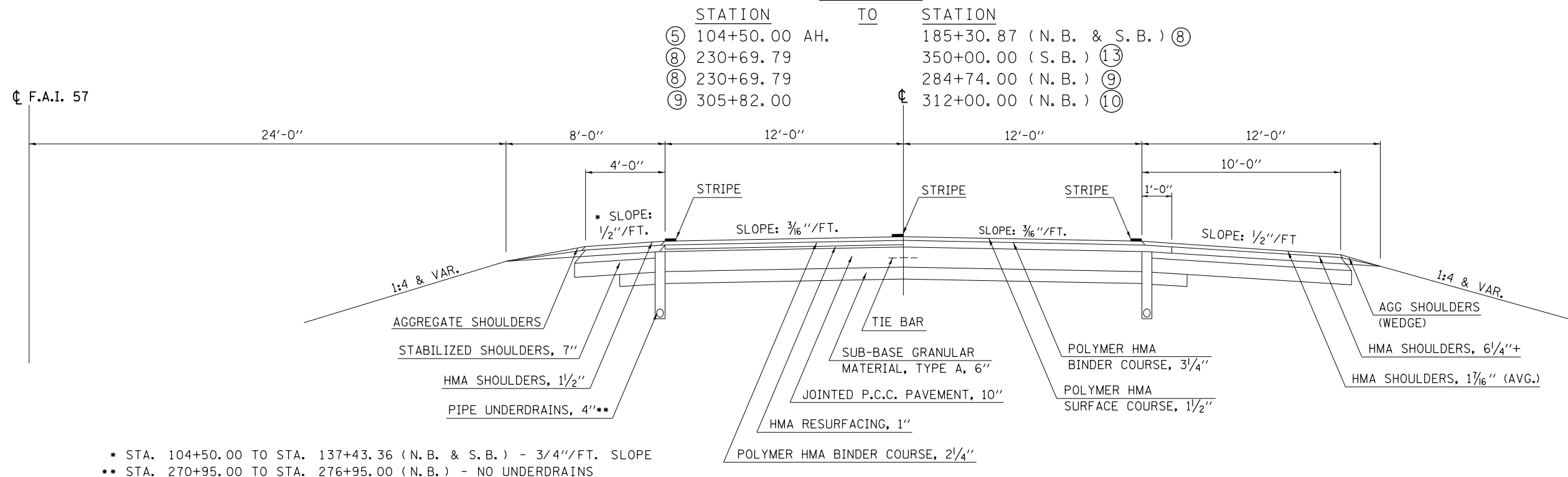
\* NORTHBOUND LANE SLOPE: 3/4" / FT. ( MAX. )  
\* SOUTHBOUND LANE SLOPE: 5/8" / FT. ( MAX. )

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

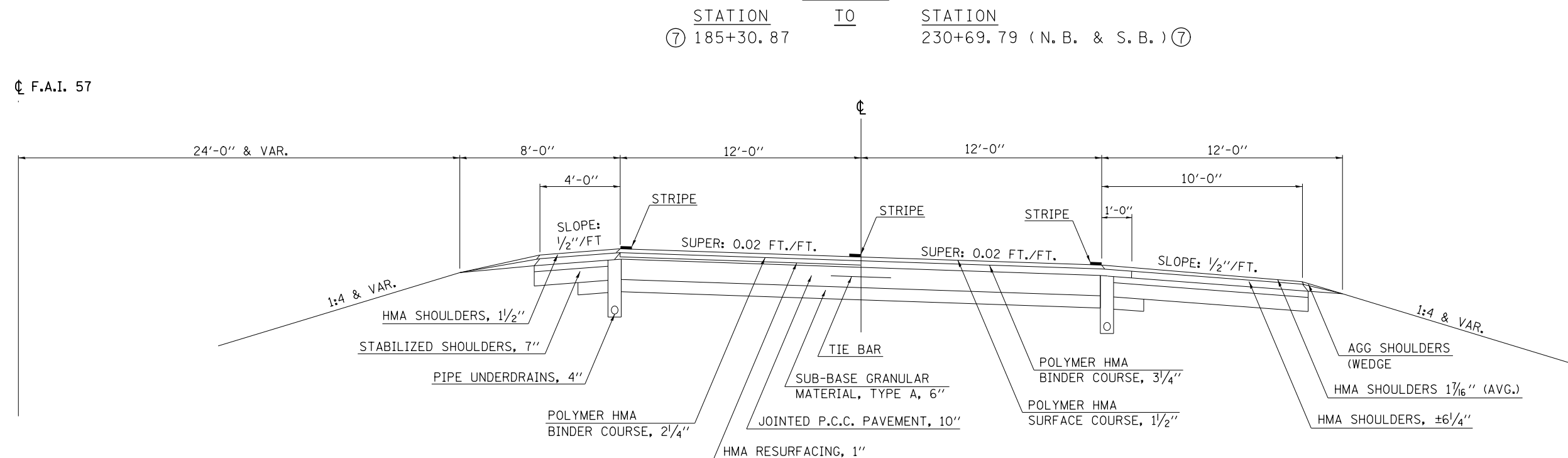
\* CHAMPAIGN, DOUGLAS

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 5\Projects\0579\DRAWING\DATA\EA0\Sheets\05790844-sht-Typical	DESIGNED -	REVISED -	VAR.					D5 CM PATCHING 2016-5	*	22	10	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70B44									
*MODELNAME#	DATE -	REVISED -	SCALE:		SHEET 3 OF 10 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

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



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

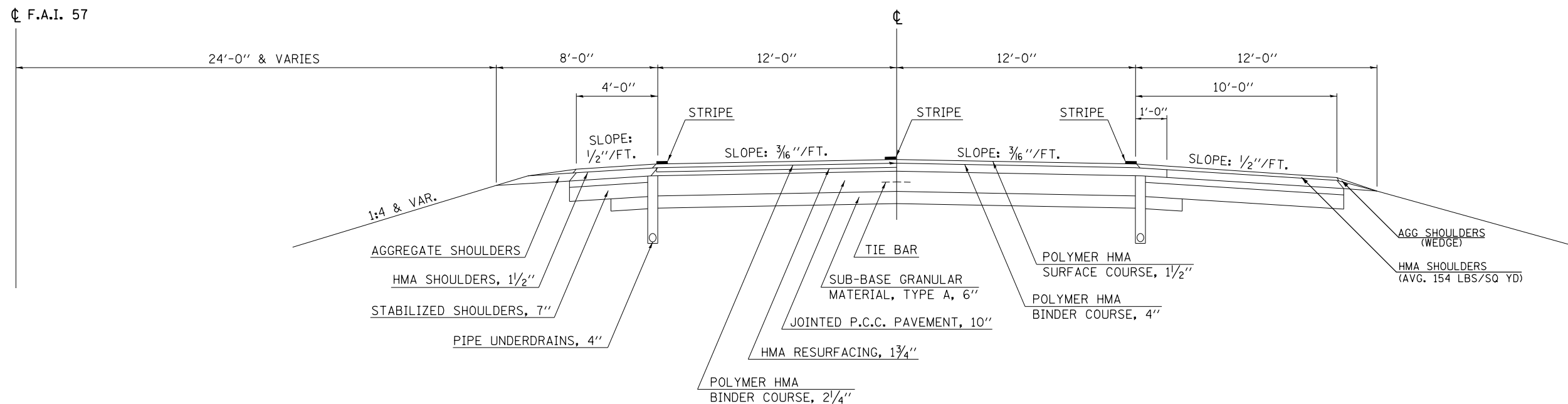


• CHAMPAIGN, DOUGLAS

FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\057\DRAWING\DATA\60\Sheets\0570844-sht-Typical						SCALE:	SHEET 4 OF 10 SHEETS	STA.	TO STA.	D5 CM PATCHING 2016-5	22	11
PLOT SCALE = 40.0000' / in.						ILLINOIS FED. AID PROJECT	CONTRACT NO. 70B44					
*MODELNAME#												

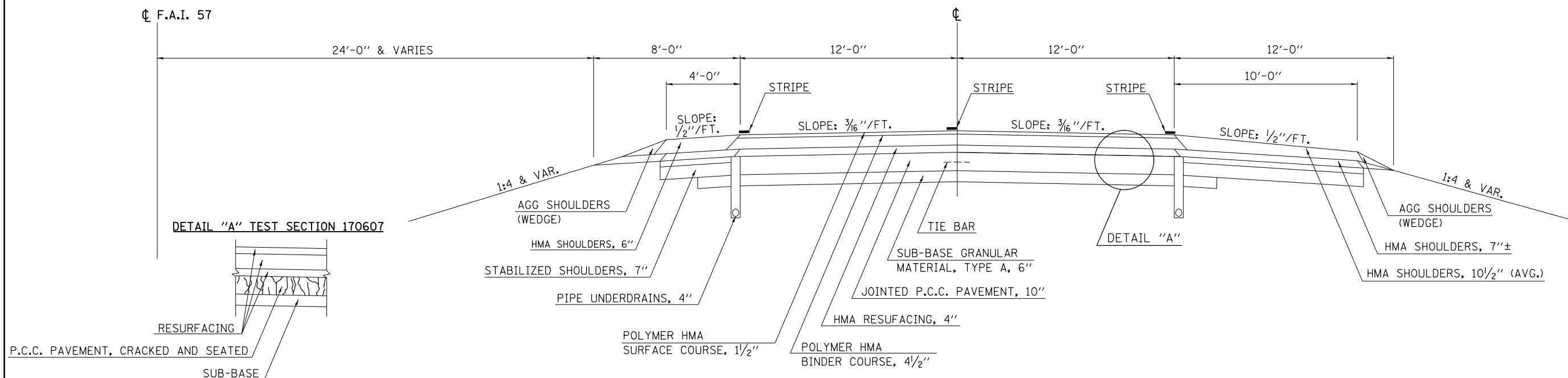
### 9 EXISTING TYPICAL CROSS SECTION F.A.I. 57

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

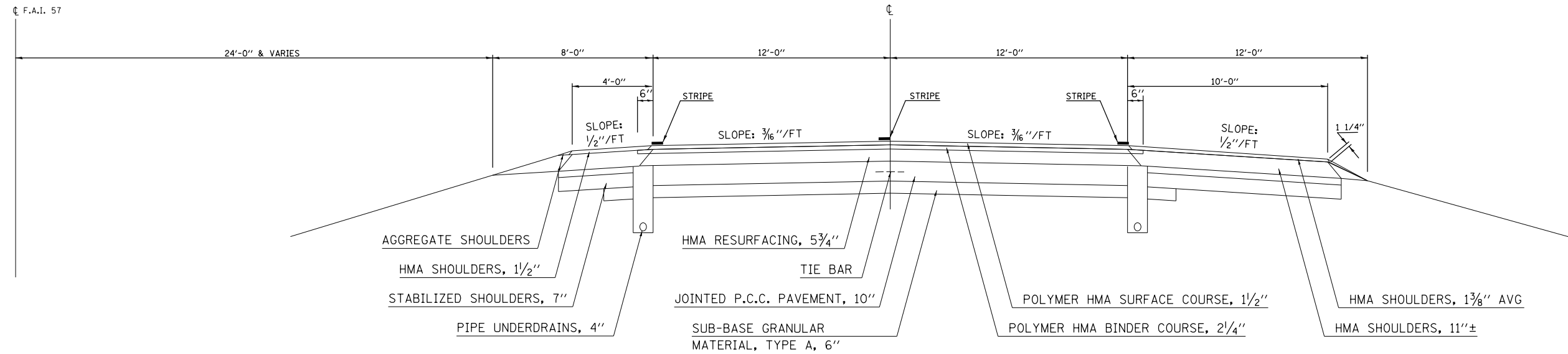


• CHAMPAIGN, DOUGLAS

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\DRAWING\DATA\EA0\Sheets\0579B44-sht-Typical					REVISIONS -	SCALE:	SHEET 5	OF 10	SHEETS	STA.	TO STA.	VAR.	D5 CM PATCHING 2016-5	•	22	12
PLOT SCALE = 40.0000' / in.					CHECKED -	REVISIONS -	CONTRACT NO. 70B44									
PLOT DATE = 4/7/2016					DATE -	REVISIONS -	ILLINOIS FED. AID PROJECT									

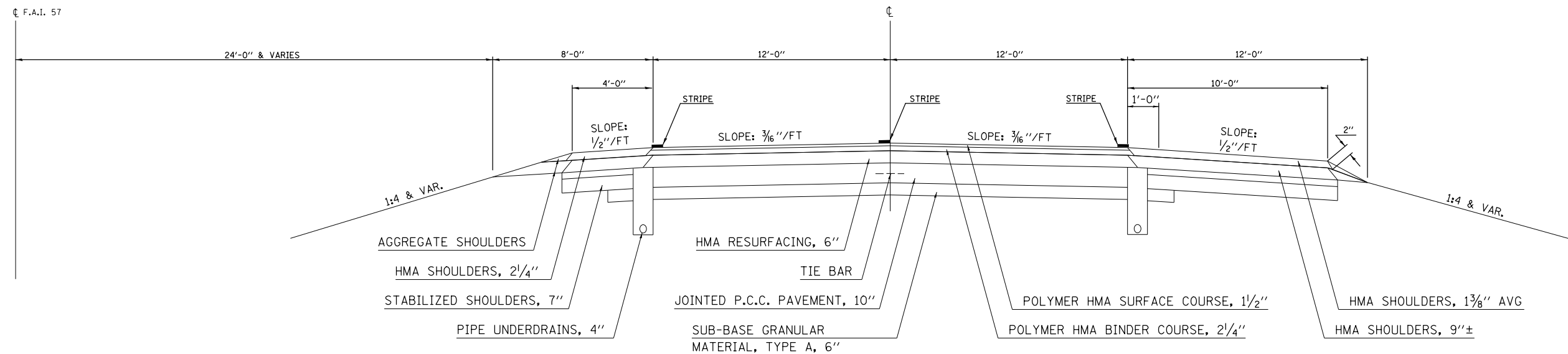
# 11 EXISTING TYPICAL CROSS SECTION F.A.I. 57

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 -
p:\1\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\057\DRAWING\DATA\EA0\Sheets\0570844-sht-Typical		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
*MODELNAME*	PLOT DATE = 4/7/2016	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D5 CM PATCHING 2016-5	*	22	13
CONTRACT NO. 70B44			ILLINOIS FED. AID PROJECT	

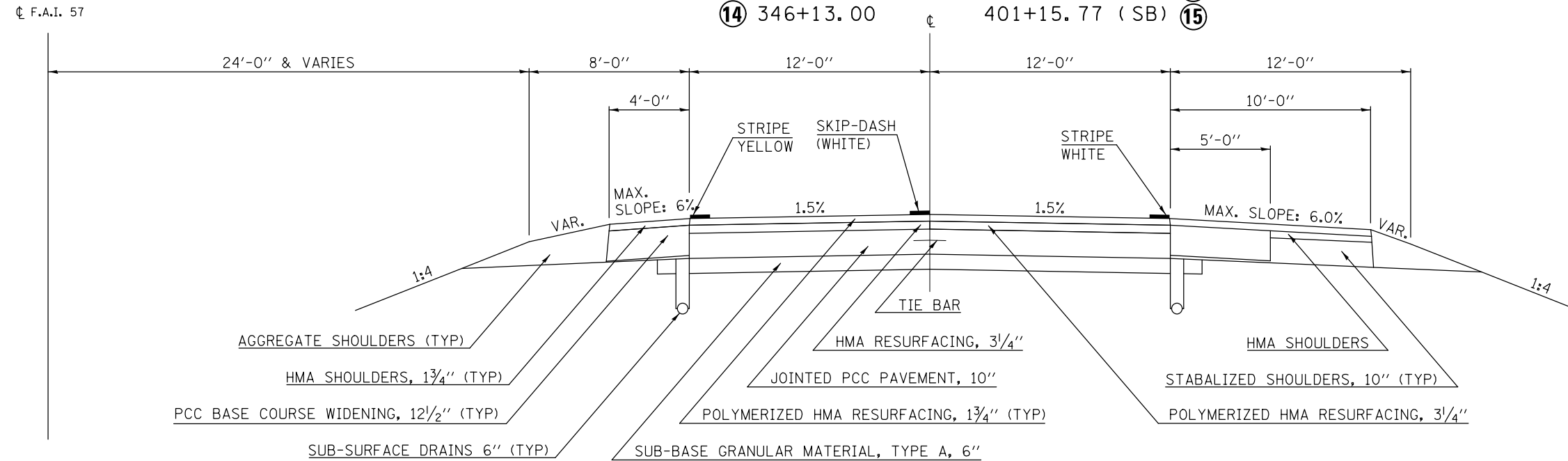
\* CHAMPAIGN, DOUGLAS

### 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

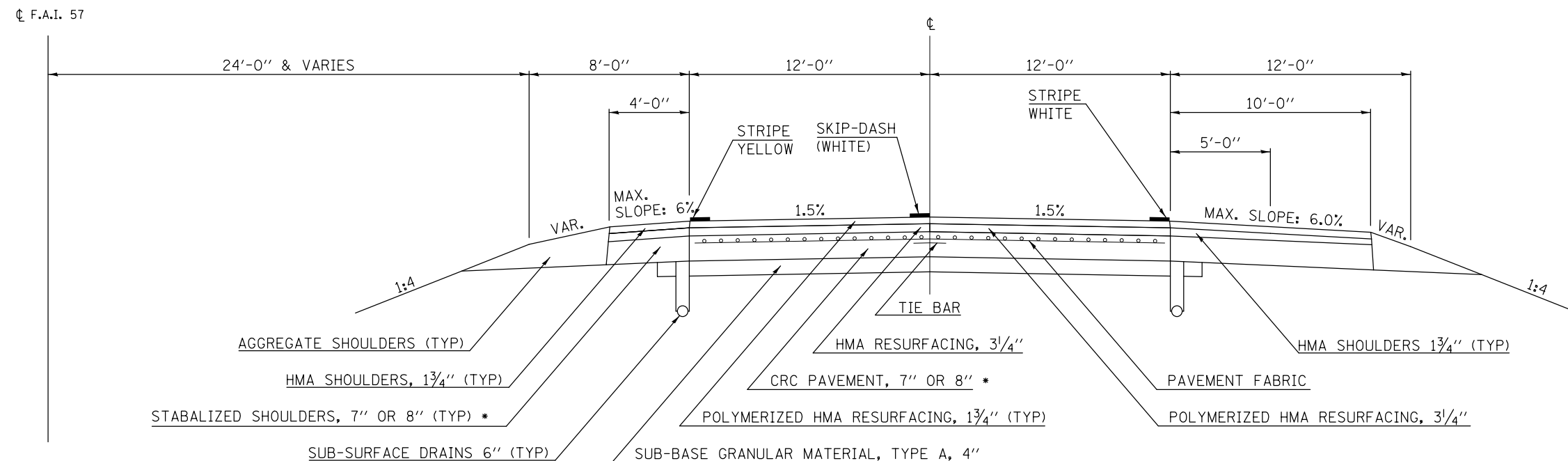
STATION EQUATIONS:  
 STA 526+64.06 (BK) = STA 83+43.47 (AH)  
 STA 373+56.20 (BK) = STA 373+51.69 (AH)



### 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

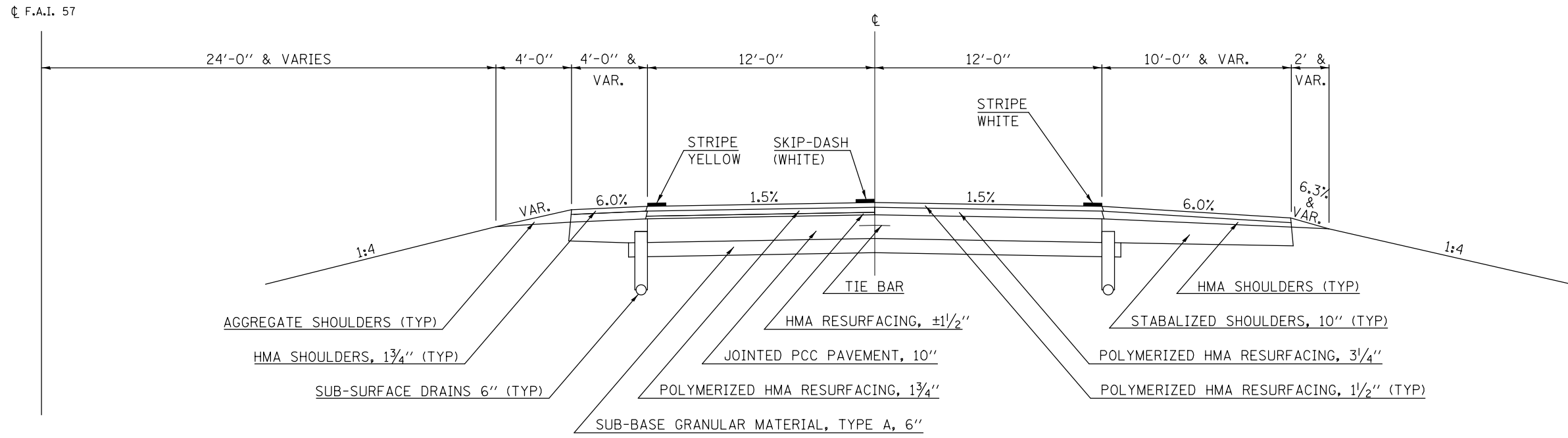
FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\057\DRAWING\DATA\EA0\Sheets\0570844-sht-Typical	DESIGNED -	REVISED -	VAR.					D5 CM PATCHING 2016-5	*	22	14	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70B44									
*MODELNAME#	DATE -	REVISED -	SCALE:		SHEET 7 OF 10 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

# EXISTING TYPICAL SECTION 15

F.A.I. 57

LOCATION MAP 1B

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

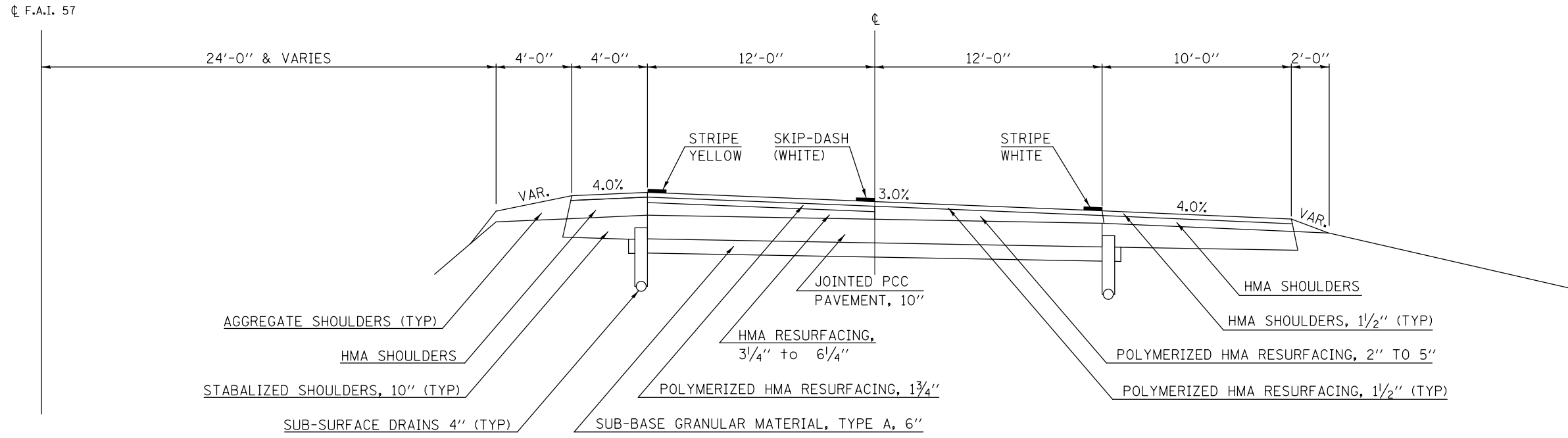


# EXISTING TYPICAL SECTION 16

F.A.I. 57

LOCATION MAP 1B

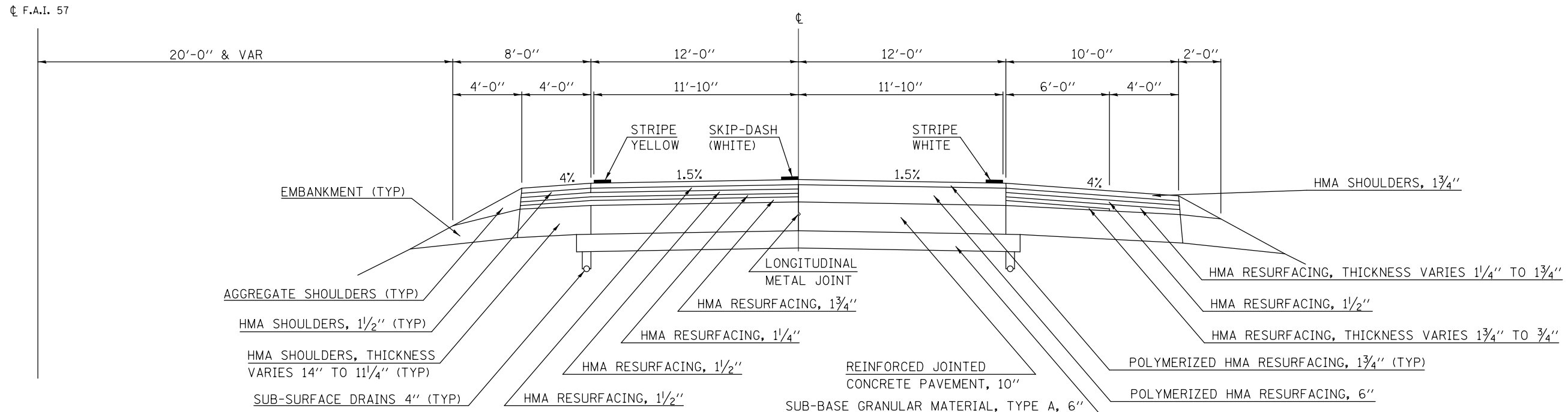
STATION	I0	STATION
15 492+69.23		15 522+00.92



FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN					SCALE:			VAR.	D5 CM PATCHING 2016-5	*	22	15
CHECKED					SHEET 8 OF 10 SHEETS			CONTRACT NO. 70B44		ILLINOIS FED. AID PROJECT		
PLOT DATE = 4/7/2016					STA. TO STA.							

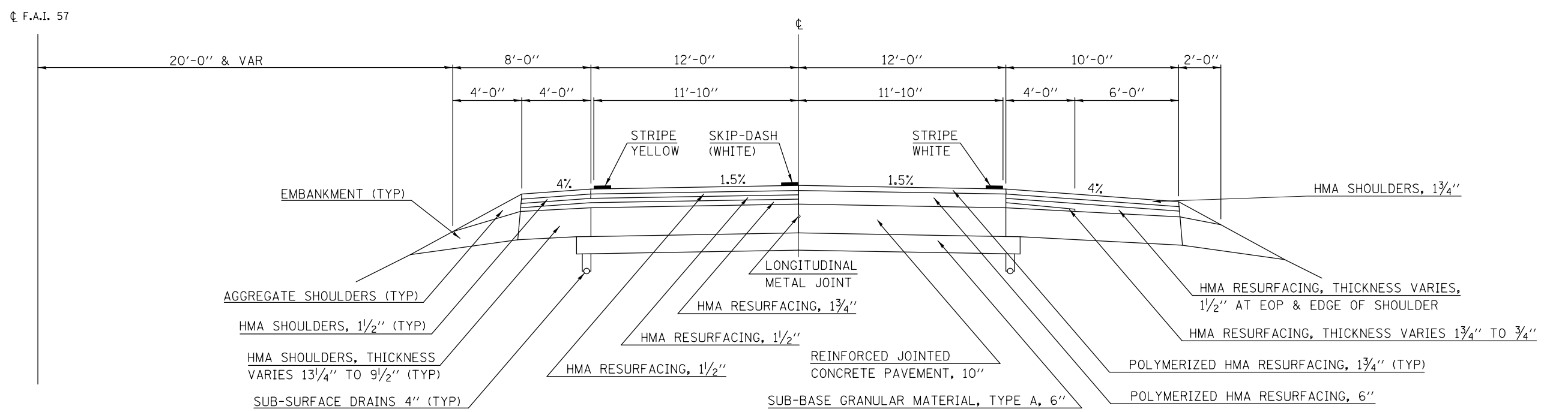
**EXISTING TYPICAL SECTION 17**  
F.A.I. 57

STATION IO STATION  
 15 545+00.00 575+00.00 18



**EXISTING TYPICAL SECTION 18**  
F.A.I. 57

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



\* CHAMPAIGN, DOUGLAS

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DESIGNED -	REVISED -					VAR.	D5 CM PATCHING 2016-5	*	22	16
PLOT SCALE = 40.0000' / in.				CHECKED -	REVISED -	SCALE:			SHEET 9 OF 10 SHEETS STA. TO STA.			CONTRACT NO. 70B44
DATE -				DATE -	ILLINOIS FED. AID PROJECT							



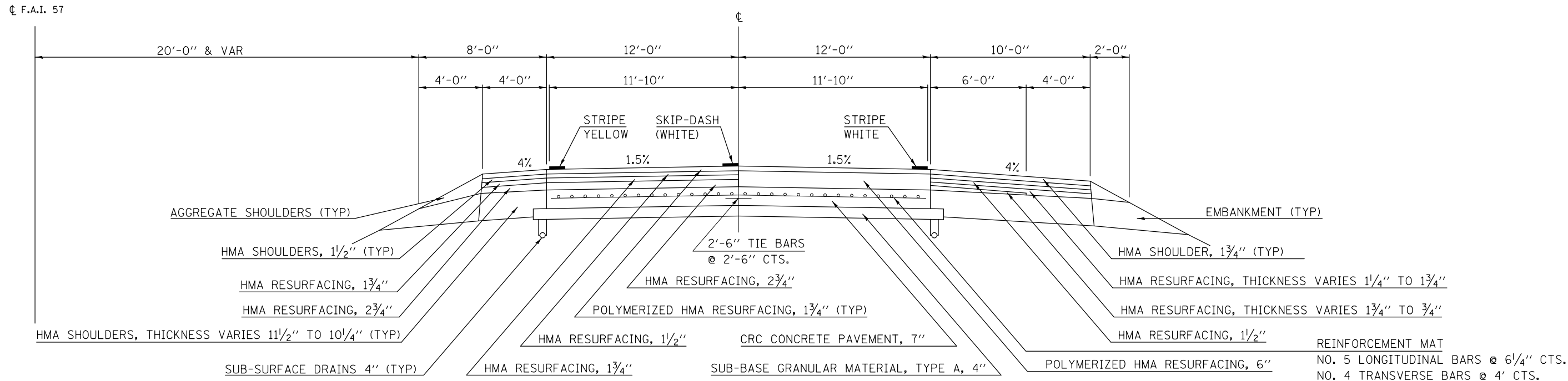
# EXISTING TYPICAL SECTION 19

## F.A.I. 57

LOCATION MAP 1B

NORTHBOUND LANES

STATION IO STATION  
 18 623+36.00 637+35.00



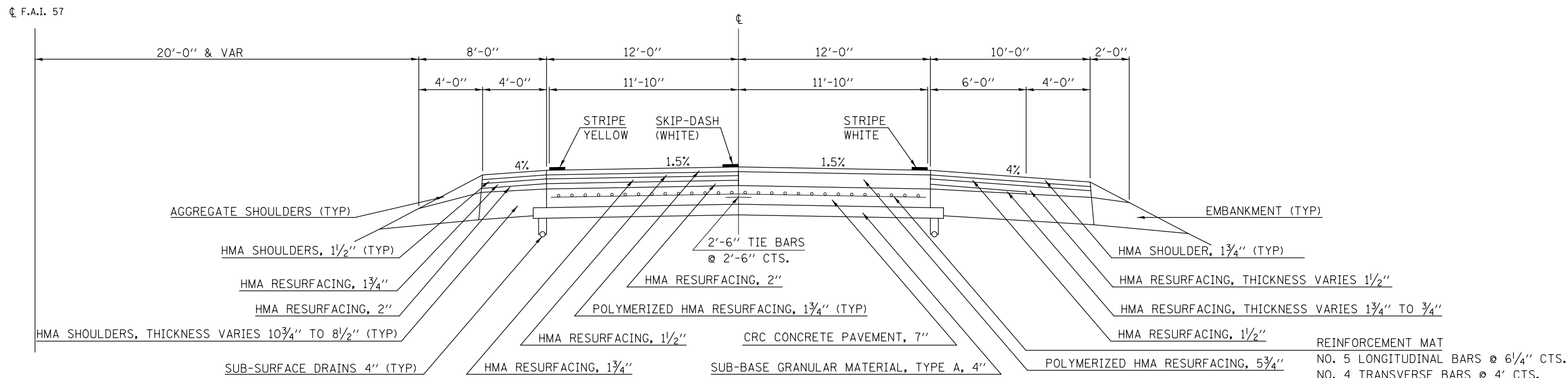
# EXISTING TYPICAL SECTION 20

## F.A.I. 57

LOCATION MAP 1B

SOUTHBOUND LANES

STATION IO STATION  
 18 623+36.00 637+35.00



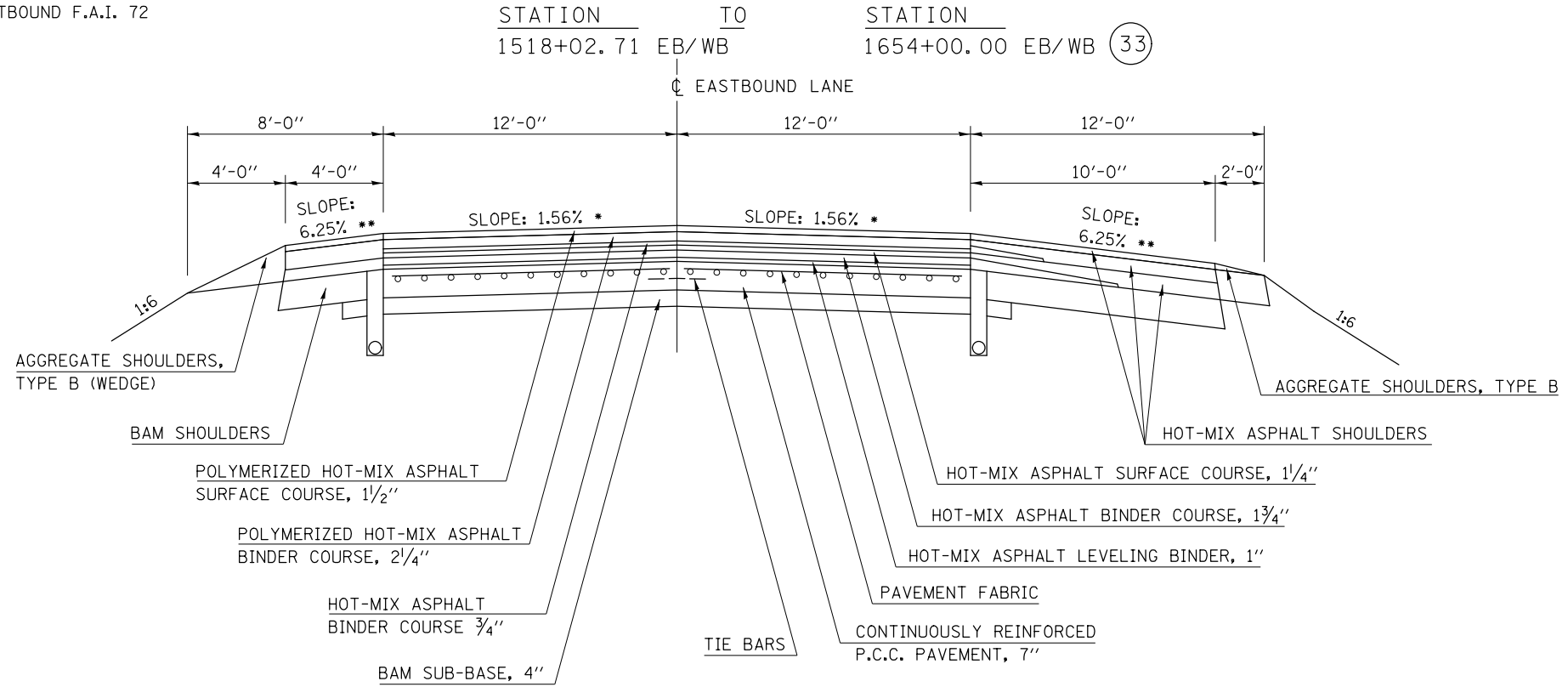
FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN BY: [REDACTED]				SCALE: [REDACTED]	SHEET 10 OF 10 SHEETS STA. TO STA.	VAR.	D5 CM PATCHING 2016-5	*	22	17
PLOT SCALE = 40.0000' / in.				CONTRACT NO. 70B44	ILLINOIS FED. AID PROJECT					
CHECKED -										
DATE -										
PLOT DATE = 4/7/2016										

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

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

LOCATION MAP 2

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

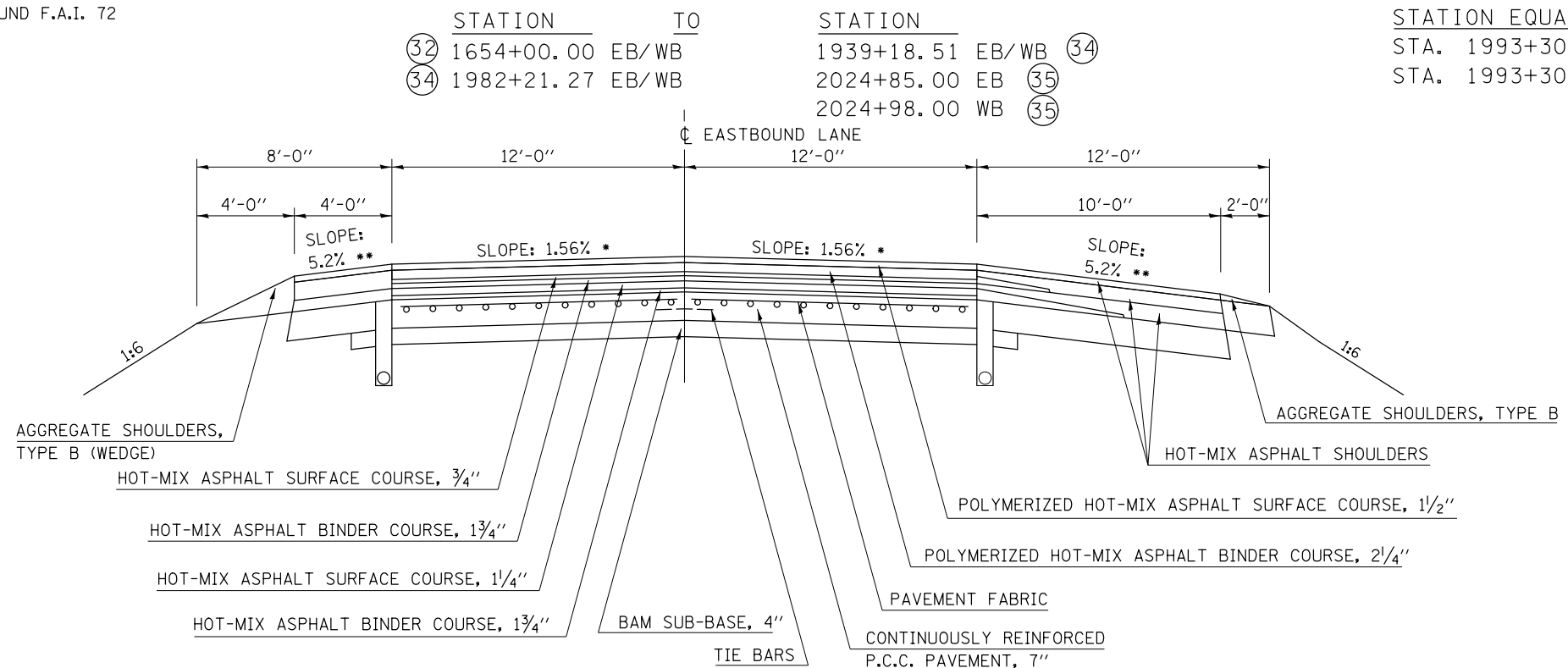


\* SLOPE VARIES FOR SUPERELEVATION IN CURVES.  
 \*\* SLOPE VARIES IN SUPERELEVATION WITH MAXIMUM OF 0.08 FT/FT DIFFERENCE.

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

LOCATION MAP 2

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



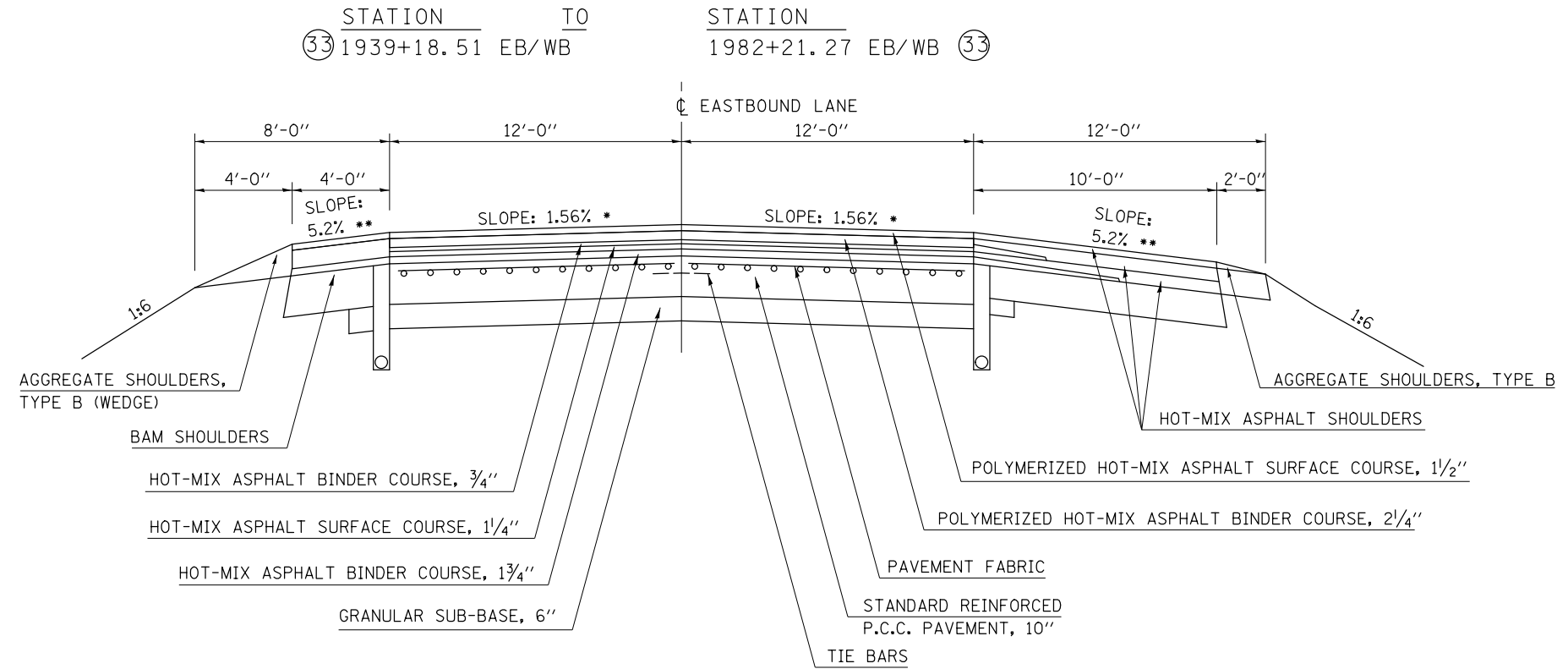
STATION EQUATION  
 STA. 1993+30.60 (BK) TO 1993+30.58 (AH) EB  
 STA. 1993+30.60 (BK) TO 1993+30.58 (AH) WB

FILE NAME =	USER NAME = ceerlockjd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>	SCALE:	SHEET 1 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 70B44
<p style="font-size: small;">DRAWN BY: [REDACTED]      CHECKED BY: [REDACTED]      DATE: 4/7/2016</p>				<p style="font-size: small;">ILLINOIS FED. AID PROJECT</p>					

\* CHAMPAIGN, DOUGLAS

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

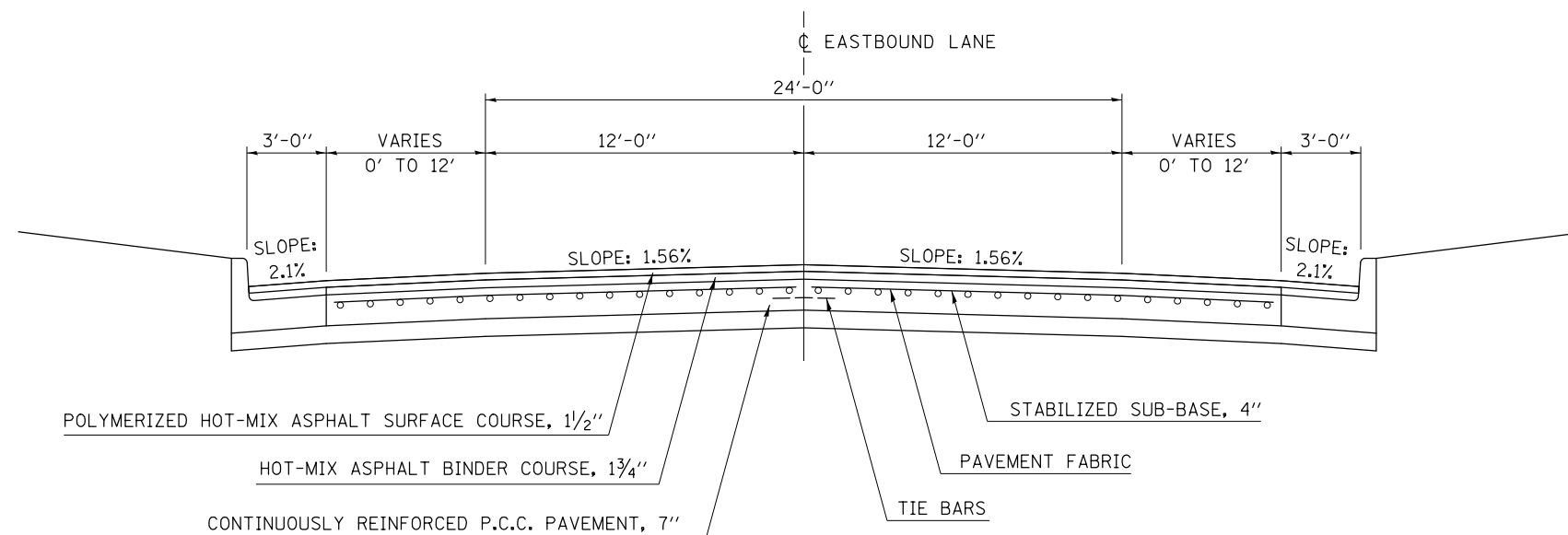
**23** **EXISTING TYPICAL CROSS SECTION**  
**F.A.I. 72**



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

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

STATION TO STATION  
 2024+85.00 EB 2041+32.00 EB  
 2024+98.00 WB 2038+78.00 WB



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

FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL CROSS SECTIONS</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 5\Projects\0579\DRAWING\DATA\EA0\Sheets\05790844-sht-Typical	DESIGNED -	REVISED -	VAR.					D5 CM PATCHING 2016-5	*	22	19	
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		

\* CHAMPAIGN, DOUGLAS

**I 57 DOUGLAS COUNTY**

NORTHBOUND								DOWEL BARS	SAW CUTS	TIE BARS	WELDED WIRE REINF.	PATCHING REINF.
MM	PL/DL	LENGTH	WIDTH	SQ. YD.	CLASS	TYPE	DEPTH					
204.63	DL	6.0	12.0	8.0	A	2	16"		66			8
204.66	DL	6.0	12.0	8.0	A	2	16"		66			8
210.38	DL	18.0	12.0	24.0	A	3	16"		102			24
212.20	DL	6.0	12.0	8.0	A	2	16"		66			8
212.62	DL	6.0	12.0	8.0	A	2	16"		66			8
212.65	DL	6.0	12.0	8.0	A	2	16"		66			8
SUBTOTAL				64.0					432			64

SOUTHBOUND												
MM	PL/DL	LENGTH	WIDTH	SQ. YD.	CLASS	TYPE	DEPTH	DOWEL BARS	SAW CUTS	TIE BARS	WELDED WIRE REINF.	PATCHING REINF.
202.98	PL	6.0	12.0	8.0	A	2	16"		66			8
204.62	PL	6.0	12.0	8.0	A	2	16"		66			8
204.62	DL	20.0	12.0	26.7	A	4	16"		108	20		26.7
204.66	DL	20.0	12.0	26.7	A	4	16"		108	20		26.7
204.66	PL	30.0	12.0	40.0	A	4	16"		138	30		40
210.42	DL	6.0	12.0	8.0	A	2	16"		66			8
212.05	DL	6.0	12.0	8.0	A	2	16"		66			8
SUBTOTAL				125.3					618	70		125.4

**ALL RURAL**

**I 72 CHAMPAIGN COUNTY**

WESTBOUND								DOWEL BARS	SAW CUTS	TIE BARS	WELDED WIRE REINF.	PATCHING REINF.
MM	PL/DL	LENGTH	WIDTH	SQ. YD.	CLASS	TYPE	DEPTH					
174.08	DL	8.00	12.00	10.7	A	2	16"		72.0			10.7
175.40	PL	8.00	12.00	10.7	A	2	16"		72.0			10.7
180.67	DL	6.00	12.00	8.0	A	2	16"		66.0			8.0
180.81	PL	6.00	12.00	8.0	A	2	16"		66.0			8.0
SUBTOTAL				37.3					276.00			37.4

**URBAN BREAK 178.3 & EAST**

EASTBOUND								DOWEL BARS	SAW CUTS	TIE BARS	WELDED WIRE REINF.	WELDED PATCHING REINF.
MM	PL/DL	LENGTH	WIDTH	SQ. YD.	CLASS	TYPE	DEPTH					
175.21	DL	6.00	12.00	8.0	A	2	16"		66.0			8.0
177.12	DL	6.00	12.00	8.0	A	2	16"		66.0			8.0
178.11	PL	6.00	12.00	8.0	A	2	16"		66.0			8.0
178.30	PL	6.00	12.00	8.0	A	2	16"		66.0			8.0
178.55	DL	6.00	12.00	8.0	A	2	16"		66.0			8.0
179.41	DL	6.00	12.00	8.0	A	2	16"		66.0			8.0
180.60	PL	8.00	12.00	10.7	A	2	16"		72.0			10.7
SUBTOTAL				58.7					468.0			58.7

• CHAMPAIGN, DOUGLAS

FILE NAME =	USER NAME = ceorlockjd	DESIGNED -	REVISED -
p:\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\057	DESIGNED -	REVISED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -	REVISED -
\$MODELNAME\$	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D5 CM PATCHING 2016-5	*	22	20
CONTRACT NO. 70B44			ILLINOIS FED. AID PROJECT	

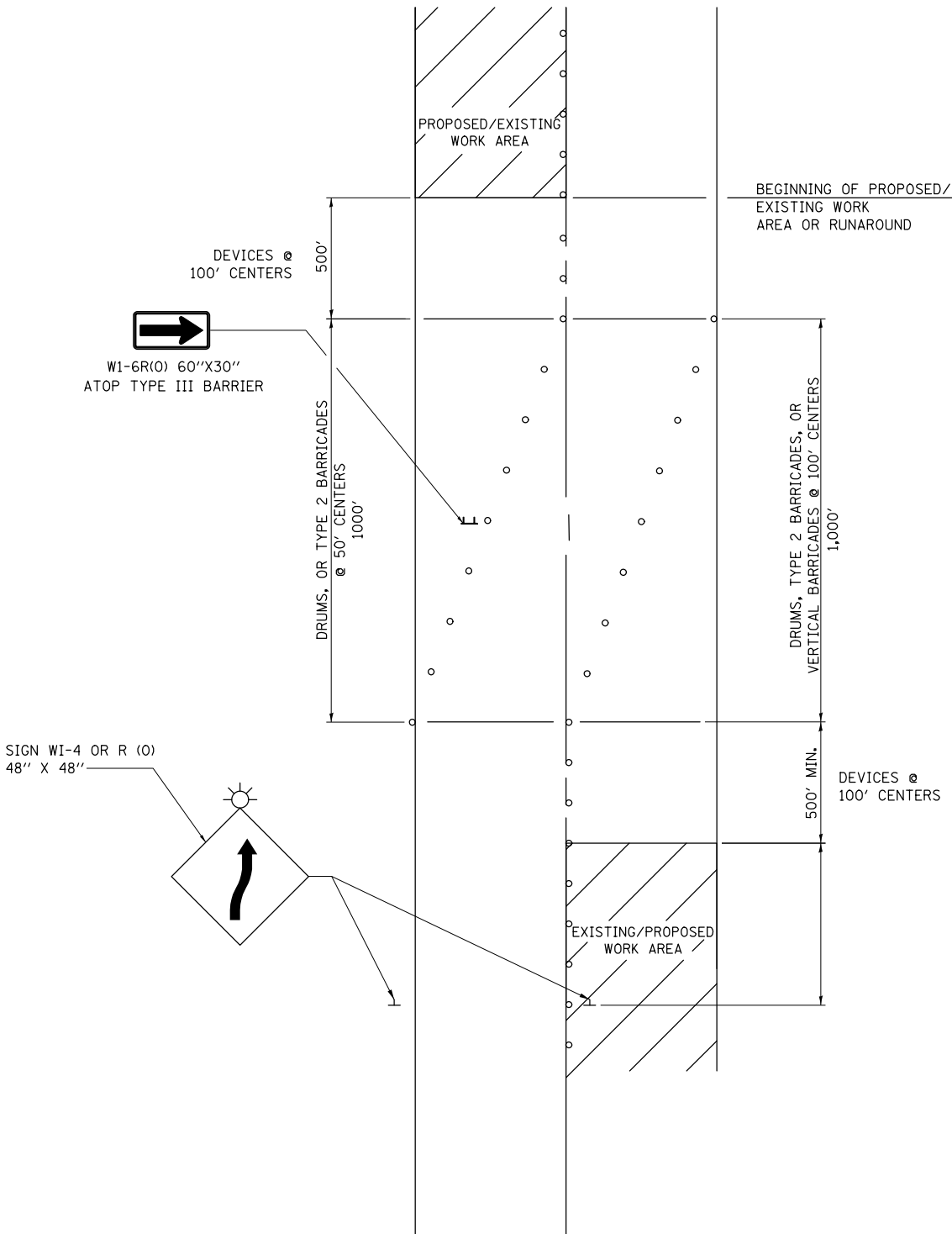
**I 57 CHAMPAIGN COUNTY**

NORTHBOUND										WELDED WIRE REINF.	PATCHING REINF.	
MM	PL/DL	LENGTH	WIDTH	SQ. YD.	CLASS	TYPE	DEPTH	DOWEL BARS	SAW CUTS	TIE BARS		
224.42	DL	6.00	12.00	8.00	B	2	15"	20	54			
224.43	DL	10.00	12.00	13.3	B	2	15"	20	66			
224.44	DL	12.00	12.00	16.0	B	3	15"	20	72		16	
225.52	DL	10.00	12.00	13.3	B	2	15"	20	66			
232.38	DL	6.00	12.00	8.00	B	2	15"	20	54			
233.54	DL	8.00	12.00	10.7	B	2	15"	20	60			
234.14	DL	8.00	12.00	10.7	B	2	15"	20	60			
234.60	DL	6.00	12.00	8.00	B	2	15"	20	54			
235.60	DL	8.00	12.00	10.7	B	2	15"	20	60			
235.80	PL	6.00	12.00	8.00	B	2	15"	20	54			
235.91	DL	6.00	12.00	8.00	B	2	15"	20	54			
235.92	DL	6.00	12.00	8.00	B	2	15"	20	54			
236.00	DL	10.00	12.00	13.3	B	2	15"	20	66			
236.01	DL	6.00	12.00	8.00	B	2	15"	20	54			
236.02	DL	6.00	12.00	8.00	B	2	15"	20	54			
236.10	PL	6.00	12.00	8.00	B	2	15"	20	54			
									678			
				SUBTOTAL	160.00			320	1614		16	

URBAN BREAK ~230.5

SOUTHBOUND										WELDED WIRE REINF.	PATCHING REINF.	
MM	PL/DL	LENGTH	WIDTH	SQ. YD.	CLASS	TYPE	DEPTH	DOWEL BARS	SAW CUTS	TIE BARS		
224.48	PL	6.0	12.0	8.0	B	2	15"	20	54			
224.51	DL	13.0	12.0	17.3	B	3	15"	20	75		17.3	
224.52	PL	13.0	12.0	17.3	B	3	15"	20	75		17.3	
224.52	DL	20.0	12.0	26.7	B	4	15"	20	96	20	26.7	
224.53	DL	8.0	12.0	10.7	B	2	15"	20	60			
231.78	DL	6.0	12.0	8.0	A	2	13"		66			8
232.01	DL	6.0	12.0	8.0	A	2	13"		66			8
234.63	PL	15.0	12.0	20.0	B	3	15"	20	81		20	
234.65	PL	15.0	12.0	20.0	B	3	15"	20	81		20	
234.98	DL	6.0	12.0	8.0	B	2	15"	20	54			
234.98	PL	6.0	12.0	8.0	B	2	15"	20	54			
236.03	DL	6.0	12.0	8.0	B	2	15"	20	54			
236.04	DL	6.0	12.0	8.0	B	2	15"	20	54			
236.05	DL	10.0	12.0	13.3	B	2	15"	20	66			
				SUBTOTAL	181.3			240	936	20	101.3	16

• CHAMPAIGN, DOUGLAS



- NOTES:**
1. THIS DETAIL ALSO APPLIES WHEN WORK IS BEING PREFORMED 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
p:\1\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 5\Projects\0574\DRAWING\0574\0574-sht-Detals\REVISED -			
\$MODELNAME\$	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/7/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SWITCHBACK**

SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D5 CM PATCHING 2016-5	*	22	22
CONTRACT NO. 70B44			ILLINOIS FED. AID PROJECT	