

03-03-2017 LETTING ITEM 025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	D5 CM PATCHING 2017-3	ILLINOIS	32	1
CONTRACT NO. 70C41				

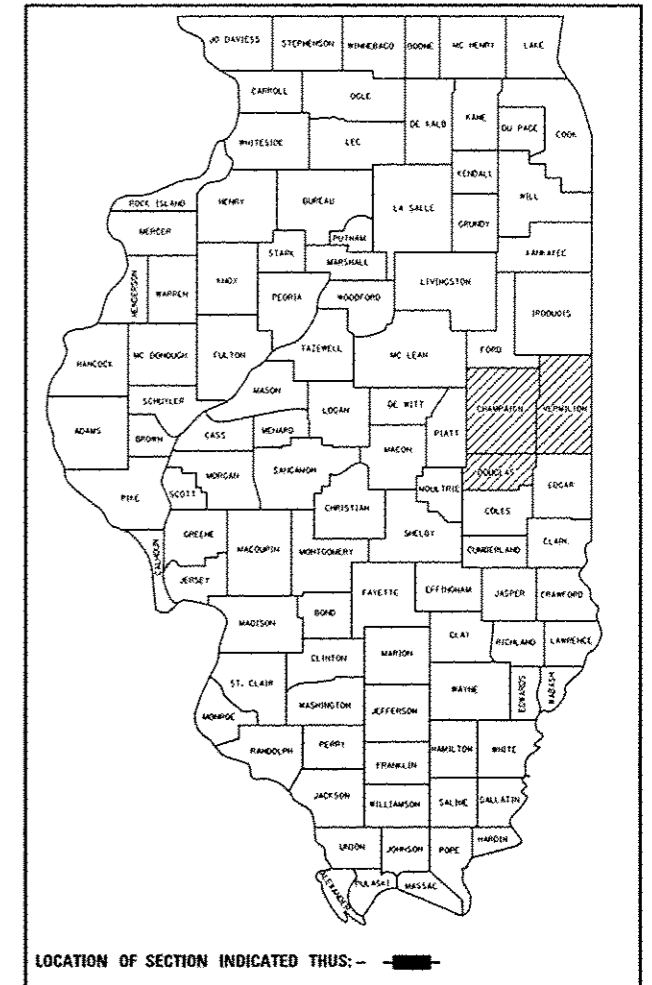
CHAMPAIGN, DOUGLAS & VERMILION
57, 72, & 74
D-95-068-16

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES
SECTION D5 CM PATCHING 2017-3

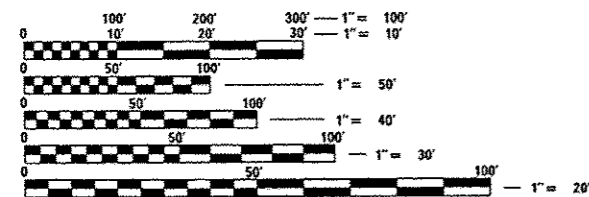
PATCHING
CHAMPAIGN, DOUGLAS & VERMILION COUNTIES

C-95-068-16



FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LOCATION MAPS, SEE SHEET NO. 3-6
FOR SUMMARY OF QUANTITIES, SEE SHEETS NO. 7-8

CURRENT ADT
SEE LOCATION MAPS

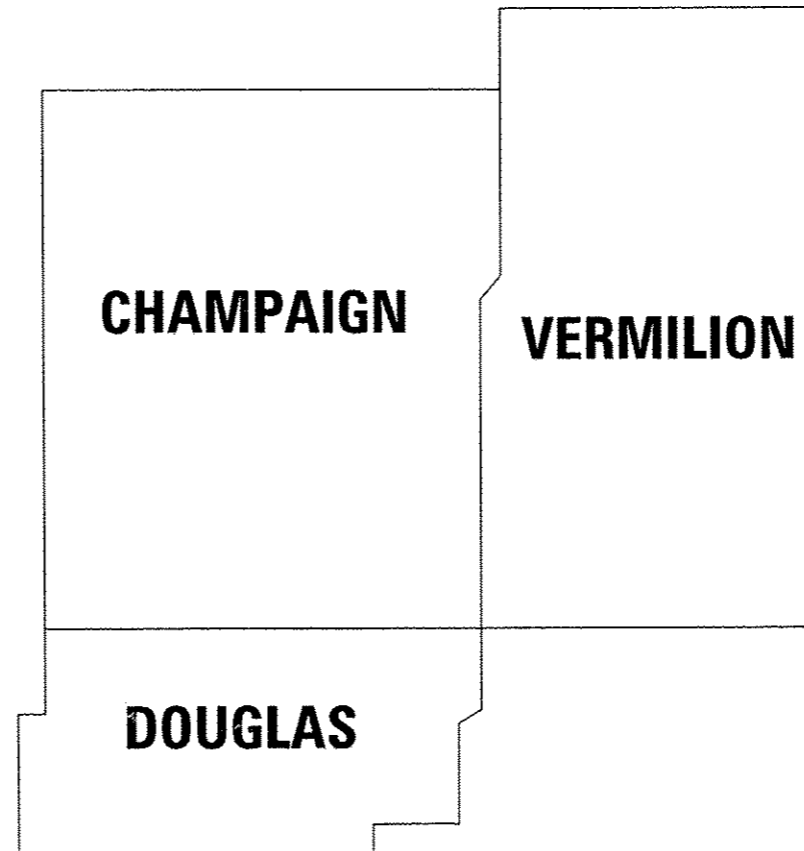


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: JASON STULTS
SQUAD LEADER: RYAN CARROLL
DESIGNER: DONALD LORANCE
PHONE: 217-465-4181

CONTRACT NO. 70C41



GROSS LENGTH = 469,560.960 FT. = 88.932 MILE
NET LENGTH = 469,560.960 FT. = 88.932 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED DECEMBER 8th 2016
Kensel A. Garnett
REGION THREE ENGINEER

Jan 27th 2017
Maureen M. Addis P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 27th 2017
David A. [Signature]
DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS

REV

LOCATION MAP #1

DOUGLAS CO.
F.A.I. 57

CURRENT ADT

FUNCTIONAL CLASSIFICATION: INTERSTATE
FAI 57 (I-57)

LEG "A" ADT(2016) = 19,400 SU=4.4% MU=35.7%
LEG "B" ADT(2016) = 19,100 SU=3.4% MU=31.4%
LEG "C" ADT(2016) = 21,400 SU=5.3% MU=26.2%

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)

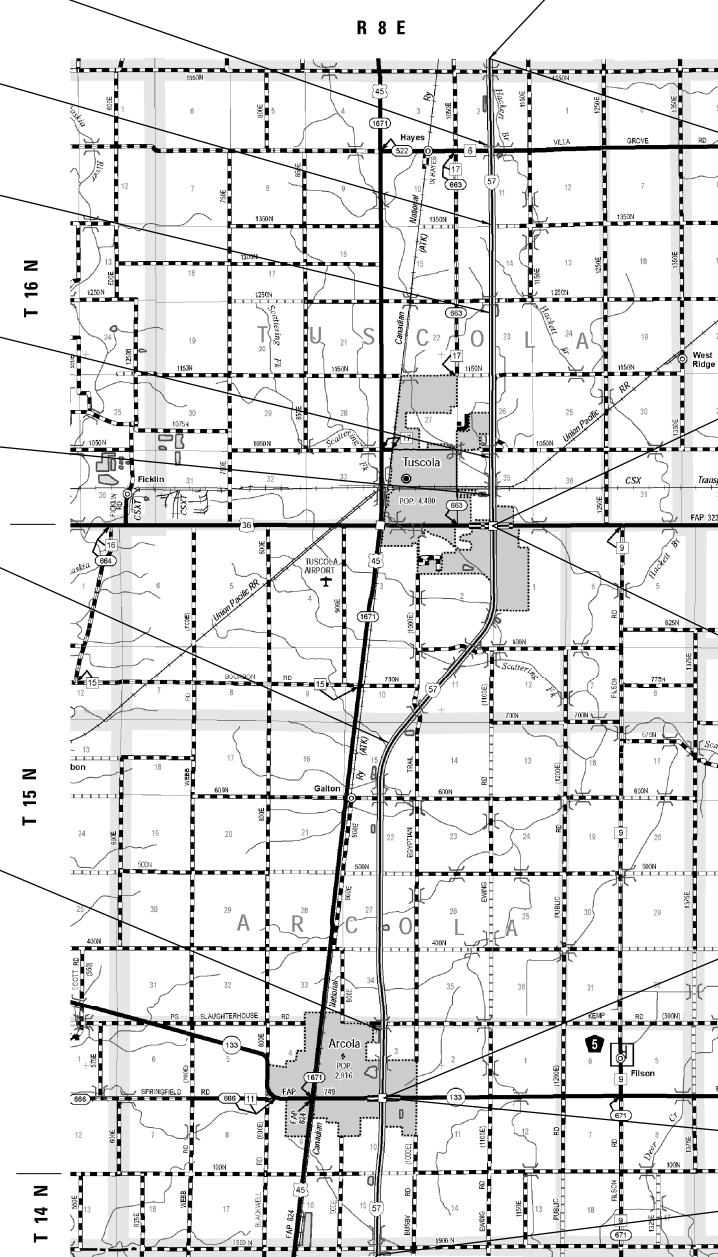
STATION EQUATION:
STA. 575 + 43.68 (BK) =
STA. 575 + 43.98 (AH)

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

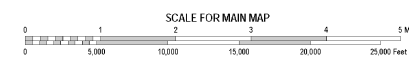


LEG "A"

LEG "B"

LEG "C"

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

*CHAMPAIGN, DOUGLAS, & VERMILION
**57, 72, & 74

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -
p:\1\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\DRAWING\Design\0570C41-sht-loc.mps.dwg		CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 12/8/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP #1

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	D5 CM PATCHING 2017-3		32	3
CONTRACT NO. 70C41			ILLINOIS FED. AID PROJECT	

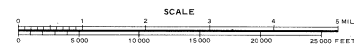
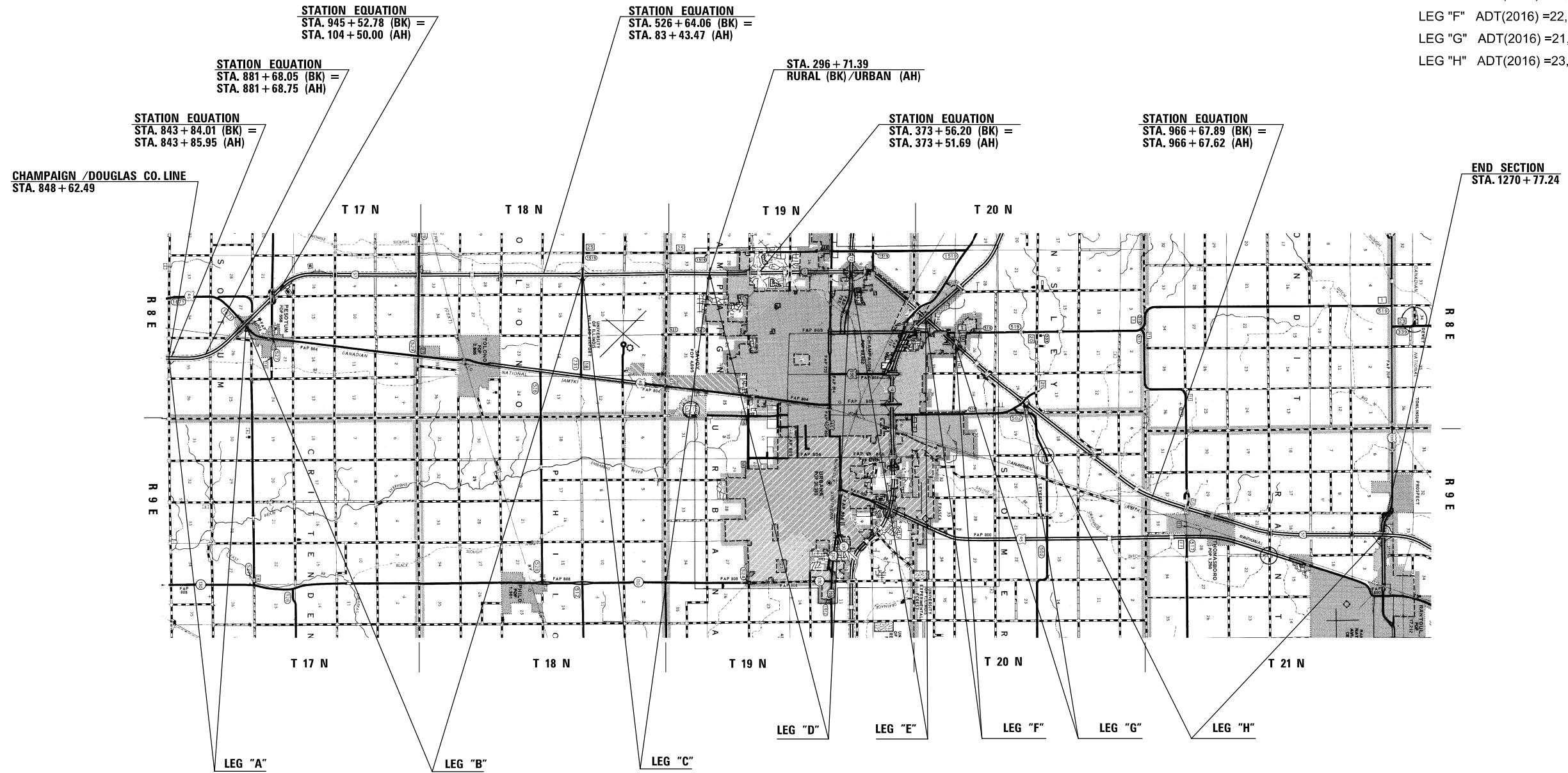
LOCATION MAP #2

CHAMPAIGN CO.
F.A.I. 57

CURRENT ADT

FUNCTIONAL CLASSIFICATION: INTERSTATE
FAI 57 (I-57)

LEG "A"	ADT(2016) =21,400	SU=5.3%	MU=26.2%
LEG "B"	ADT(2016) =21,000	SU=4.0%	MU=25.7%
LEG "C"	ADT(2016) =22,500	SU=6.0%	MU=26.2%
LEG "D"	ADT(2016) =25,600	SU=5.5%	MU=22.3%
LEG "E"	ADT(2016) =36,400	SU=3.2%	MU=22.3%
LEG "F"	ADT(2016) =22,000	SU=4.3%	MU=22.3%
LEG "G"	ADT(2016) =21,900	SU=3.3%	MU=21.7%
LEG "H"	ADT(2016) =23,600	SU=3.9%	MU=19.1%



GROSS LENGTH = 172,157.71 FT. = 32.606 MILE
NET LENGTH = 172,157.71 FT. = 32.606 MILE

TOWNSHIPS
PESOTUM
TOLONO
CHAMPAIGN
HENSLEY
RANTOUL
SOMER

•CHAMPAIGN, DOUGLAS, & VERMILION
•57, 72, & 74

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP #2			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\05770\Drawings\Design\570C41-sht-loc.maps.dwg	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					••	D5 CM PATCHING 2017-3	*	32	4
\$MODELNAME\$	PLOT DATE = 12/8/2016	DATE -	REVISED -		SCALE:	SHEET 2	OF 4 SHEETS	STA.	TO STA.	CONTRACT NO. 70C41		
									ILLINOIS FED. AID PROJECT			

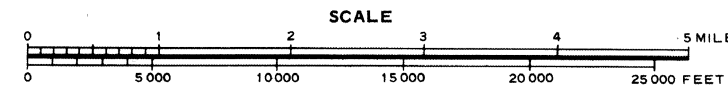
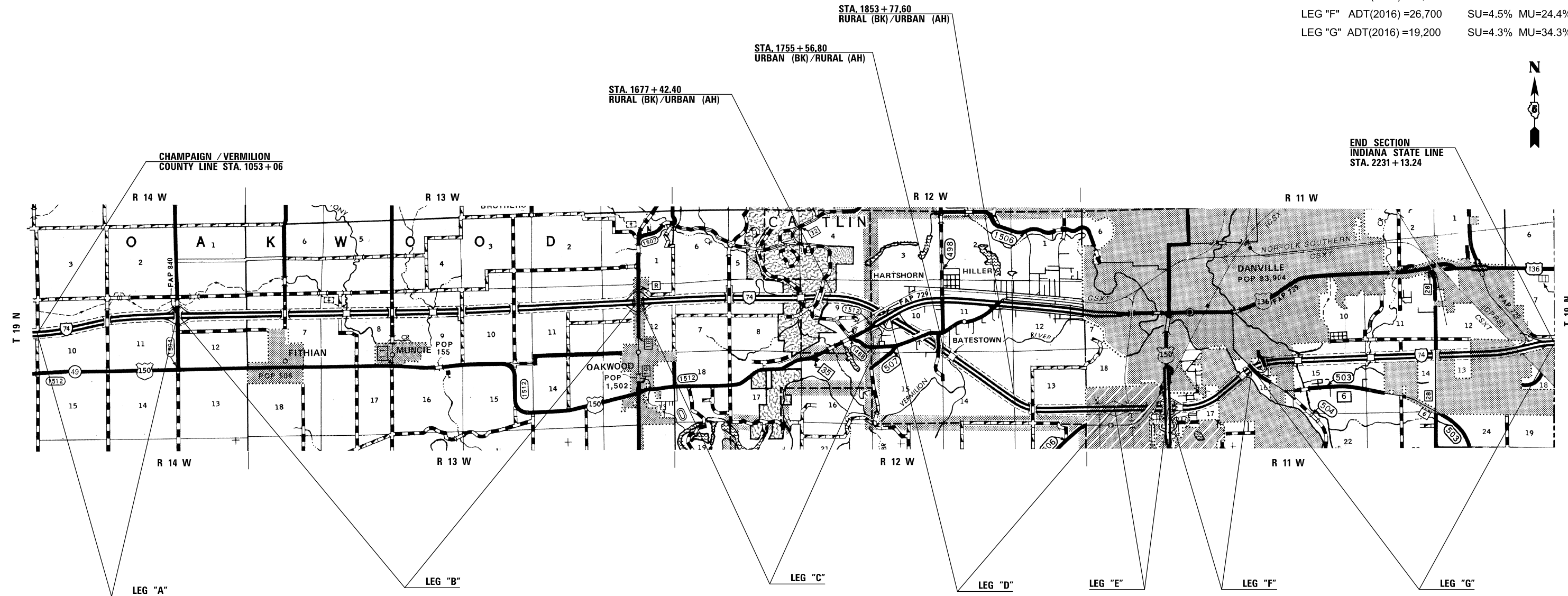
LOCATION MAP #4

VERMILION CO.
F.A.I. 74

CURRENT ADT

FUNCTIONAL CLASSIFICATION: INTERSTATE
FAI 74 (I-74)

LEG "A"	ADT(2016) =26,800	SU=3.8%	MU=25.7%
LEG "B"	ADT(2016) =25,800	SU=4.0%	MU=26.8%
LEG "C"	ADT(2016) =24,800	SU=4.0%	MU=30.3%
LEG "D"	ADT(2016) =22,000	SU=4.3%	MU=30.4%
LEG "E"	ADT(2016) =23,400	SU=4.1%	MU=29.0%
LEG "F"	ADT(2016) =26,700	SU=4.5%	MU=24.4%
LEG "G"	ADT(2016) =19,200	SU=4.3%	MU=34.3%



GROSS LENGTH = 117,807.24 FT. = 22.312 MILE
NET LENGTH = 117,807.24 FT. = 22.312 MILE

TOWNSHIPS	
OAKWOOD	
DANVILLE	

*CHAMPAIGN, DOUGLAS, & VERMILION
**57, 72, & 74

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -
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\$MODELNAME\$	PLOT DATE = 12/8/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP #4

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	D5 CM PATCHING 2017-3	*	32	6
CONTRACT NO. 70C41			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

LOCATION OF WORK:	①	2	①	2	1	2	1	2
	FAI 57	FAI 57	FAI 57	FAI 74	FAI 74	FAI 74	FAI 72	FAI 72
	RURAL	URBAN	RURAL	RURAL	RURAL	URBAN	RURAL	URBAN
	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
	CHA. CO.	CHA. CO.	DOU. CO.	CHA. CO.	VERM. CO.	VERM. CO.	CHA. CO.	CHA. CO.
	100 % STATE	100 % STATE	100 % STATE	100 % STATE	100 % STATE	100 % STATE	100% STATE	100% STATE
CONSTRUCTION TYPE CODE:	0005	0005	0005	0005	0005	0005	0005	0005

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
4420050	WELDED WIRE REINFORCEMENT	SQ YD	352.0				16.0	54.0	282.0	
44200577	CLASS A PATCHES, TYPE II, 12 INCH	SQ YD	82.0	82.0						
44200581	CLASS A PATCHES, TYPE III, 12 INCH	SQ YD	16.0	16.0						
44200610	CLASS A PATCHES, TYPE II, 13 INCH	SQ YD	16.0		16.0					
44200645	CLASS A PATCHES, TYPE II, 16 INCH	SQ YD	46.0						8.0	38.0
44200646	CLASS A PATCHES, TYPE III, 16 INCH	SQ YD	20.0						20.0	
44201019	CLASS B PATCHES, TYPE II, 14 INCH	SQ YD	187.0						187.0	
44201023	CLASS B PATCHES, TYPE III, 14 INCH	SQ YD	52.0						52.0	
44201025	CLASS B PATCHES, TYPE IV, 14 INCH	SQ YD	187.0						187.0	
44201031	CLASS B PATCHES, TYPE II, 15 INCH	SQ YD	43.0	8.0	8.0				27.0	
44201035	CLASS B PATCHES, TYPE III, 15 INCH	SQ YD	16.0				16.0			
44201037	CLASS B PATCHES, TYPE IV, 15 INCH	SQ YD	54.0					54.0		
44201053	CLASS B PATCHES, TYPE IV, 17 INCH	SQ YD	27.0				27.0			
44201055	CLASS B PATCHES, TYPE II, 17 INCH	SQ YD	206.0				46.0		160.0	

* SPECIALTY ITEMS

*CHAMPAIGN, DOUGLAS, VERMILION
**57, 72, & 74

FILE NAME :	USER NAME = aerrllrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
path: \\IL084EBIDINTEG\illinois.gov\PIDOT\Documents\1001 Offices\District 5\Projects\057	Documents\1001 Offices\District 5\Projects\057	DRAWN	REVISED			**	D5 CM PATCHING 2017-3	.	32	7
PLOT SCALE = 48,2888 / in.	CHECKED -	REVIS	REVIS							
PLOT DATE = 12/8/2016	DATE -	REVIS	REVIS							
					SCALE:	SHEET 1 OF 2 SHEETS		STA.	TO STA.	
					ILLINOIS FED. AID PROJECT					
					CONTRACT NO. 70C41					

14

SUMMARY OF QUANTITIES

LOCATION OF WORK:	FAI 57	FAI 57	FAI 57	FAI 74	FAI 74	FAI 74	FAI 72	FAI 72
	RURAL	URBAN	RURAL	RURAL	RURAL	URBAN	RURAL	URBAN
	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE	INTERSTATE
	CHA. CO.	CHA. CO.	DOU. CO.	CHA. CO.	VERM. CO.	VERM. CO.	CHA. CO.	CHA. CO.
	100 % STATE	100 % STATE	100 % STATE	100 % STATE	100 % STATE	100 % STATE	100% STATE	100% STATE
CONSTRUCTION TYPE CODE:	0005	0005	0005	0005	0005	0005	0005	0005

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
44201057	CLASS B PATCHES, TYPE III, 17 INCH	SQ YD	16.0						16.0	
44201299	DOWEL BARS 1 1/2"	EACH	1,380.0	40.0	20.0		120.0	120.0	1,080.0	
44213000	PATCHING REINFORCEMENT	SQ YD	180.0	98.0		16.0				28.0 38.0
44213200	SAW CUTS	FOOT	4,718.0	814.0	48.0	120.0	308.0	300.0	2,742.0	138.0 248.0
44213204	TIE BARS 3/4"	EACH	110.0			10.0		20.0	80.0	
67100100	MOBILIZATION	LSUM	1.0	0.2	0.1	0.1	0.1	0.1	0.2	0.1 0.1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	11.0	1.0			1.0		8.0	1.0
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	LSUM	1.0	0.2	0.1	0.1	0.1	0.1	0.2	0.1 0.1
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	70.0	14.0	14.0	7.0	7.0	14.0		7.0 7.0

9 * SPECIALTY ITEMS

*CHAMPAIGN, DOUGLAS, VERMILION
**57, 72, & 74

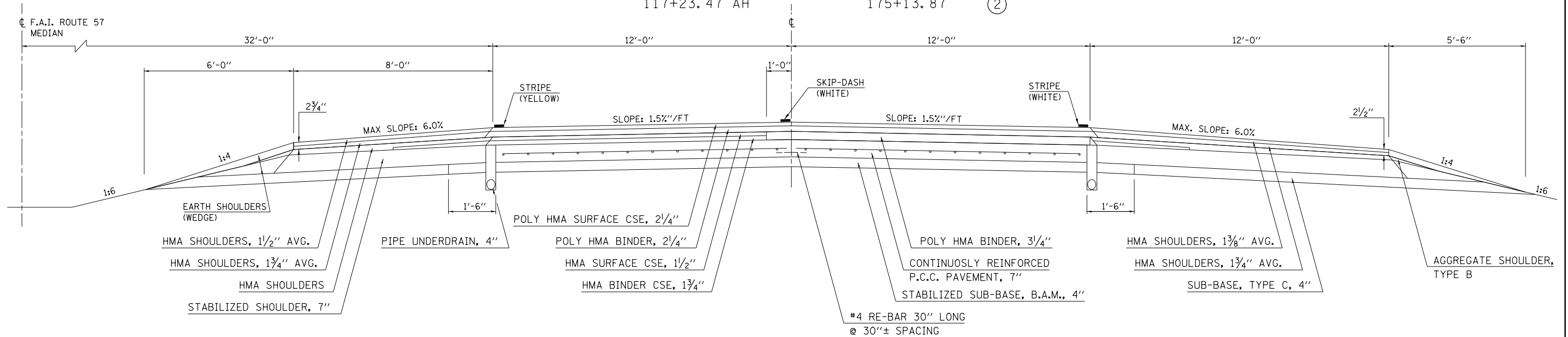
1

EXISTING TYPICAL CROSS SECTION

LOCATION MAP #1

F.A.I. 57

STATION TO STATION
 1386+91.00 1510+00.00 BK (2)
 117+23.47 AH 175+13.87 (2)



2

EXISTING TYPICAL CROSS SECTION

LOCATION MAP #1

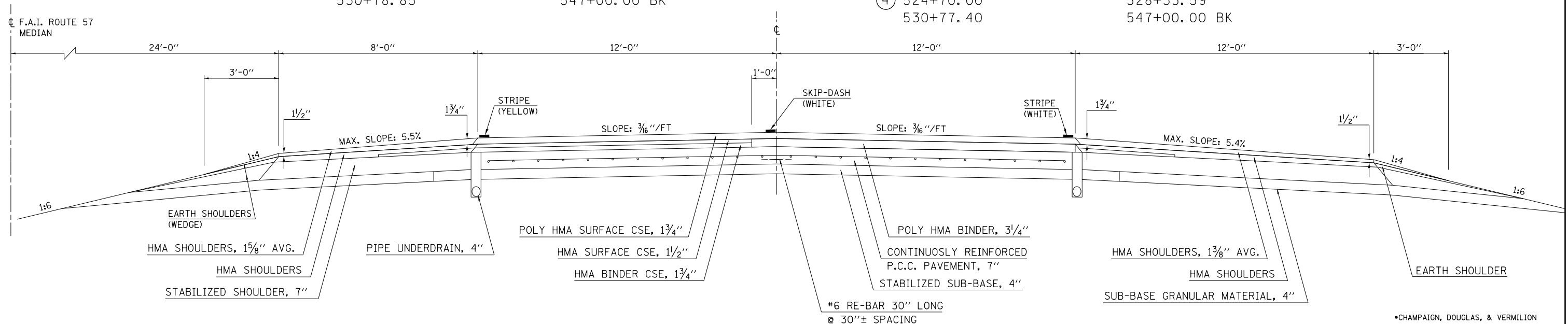
F.A.I. 57

SOUTHBOUND LANES

NORTHBOUND LANES

STATION TO STATION
 (1) 175+13.87 360+83.33 BK
 360+87.35 AH 463+69.00 (4)
 (4) 524+70.00 528+35.17
 530+78.85 547+00.00 BK

STATION TO STATION
 (1) 175+13.87 310+00.00 (3)
 (3) 330+00.00 360+83.33 BK
 360+87.35 AH 390+00.00 (3)
 (4) 524+70.00 528+33.59
 530+77.40 547+00.00 BK



•CHAMPAIGN, DOUGLAS, & VERMILION
•57, 72, & 74

FILE NAME =	USER NAME = corrollrt	DESIGNED -	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
#MODELNAME#	PLOT DATE = 12/8/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

SCALE: SHEET 1 OF 20 SHEETS STA. TO STA.

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	D5 CM PATCHING 2017-3	•	32	9
			CONTRACT NO. 70C41	
ILLINOIS FED. AID PROJECT				

3

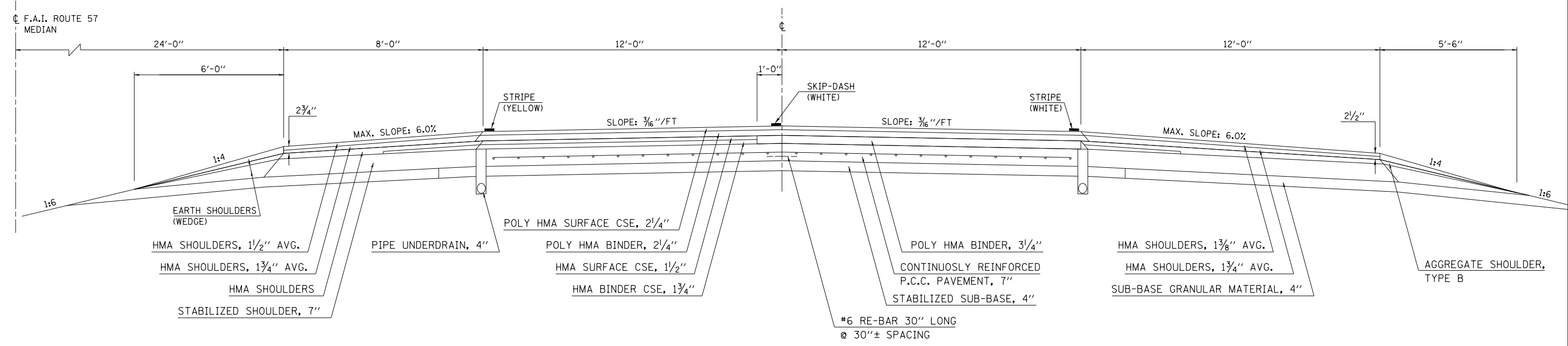
EXISTING TYPICAL CROSS SECTION

LOCATION MAP #1

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



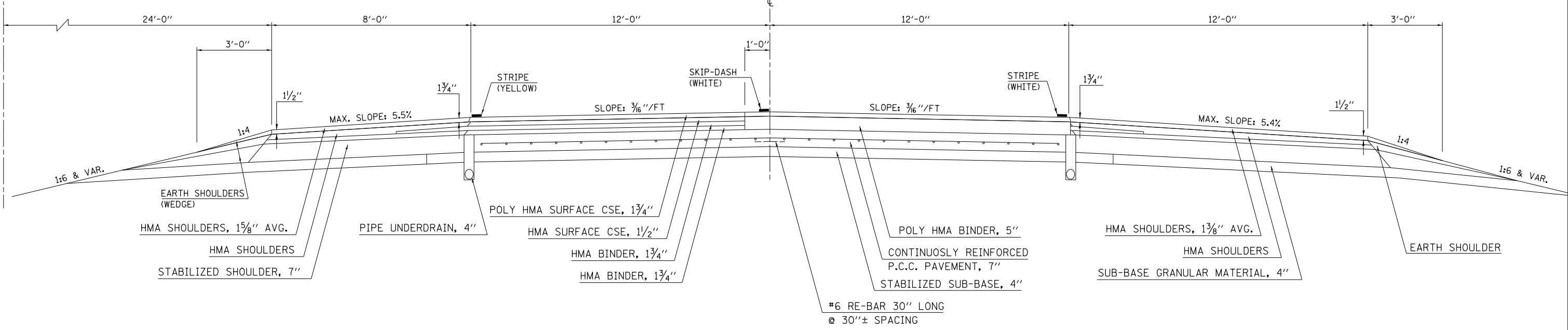
4

EXISTING TYPICAL CROSS SECTION

LOCATION MAP #1

F.A.I. 57

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



•CHAMPAIGN, DOUGLAS, & VERMILION
•57, 72, & 74

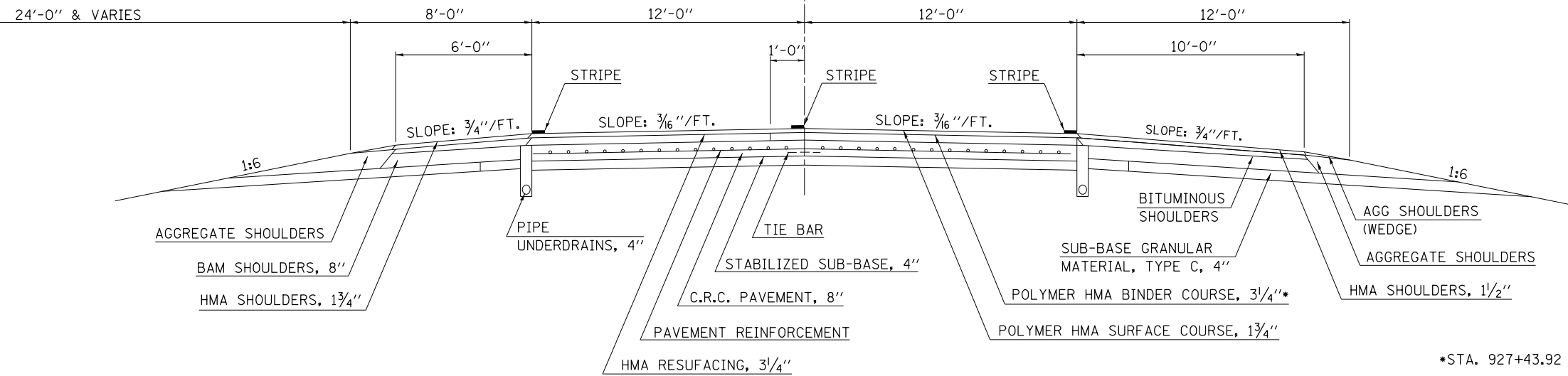
FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0570C41-shr-typical.sdw	PLotted SCALE = 40.0000' / in.	CHECKED -	REVISED -					••	D5 CM PATCHING 2017-3	•	32	10
#MODELNAME#	PLOT DATE = 12/8/2016	DATE -	REVISED -		SCALE:	SHEET 2	OF 20 SHEETS	STA.	TO STA.	CONTRACT NO. 70C41	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



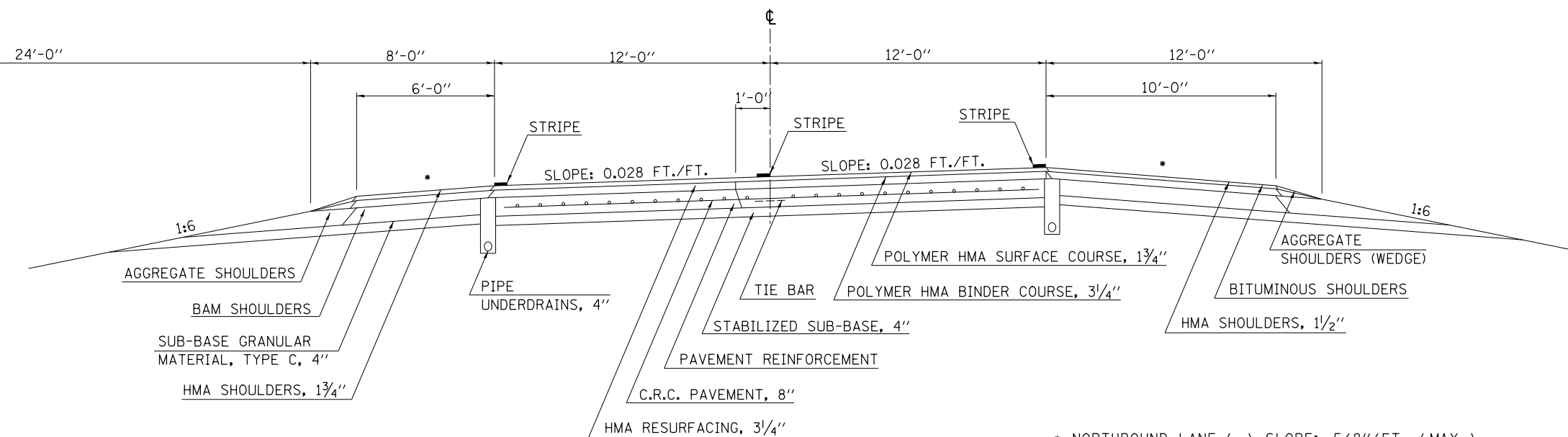
*STA. 927+43.92 TO STA. 945+52.78

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

LOCATION MAP #2

☉ F.A.I. 57



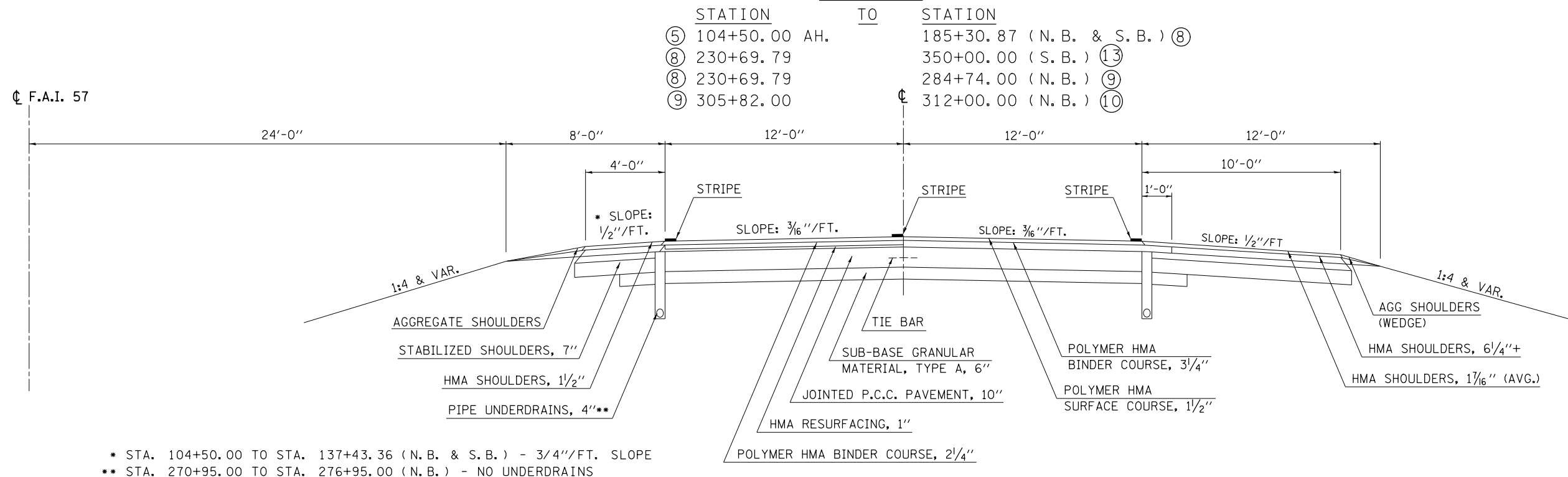
* NORTHBOUND LANE SLOPE: 3/4"/FT. (MAX.)
* SOUTHBOUND LANE SLOPE: 5/8"/FT. (MAX.)

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

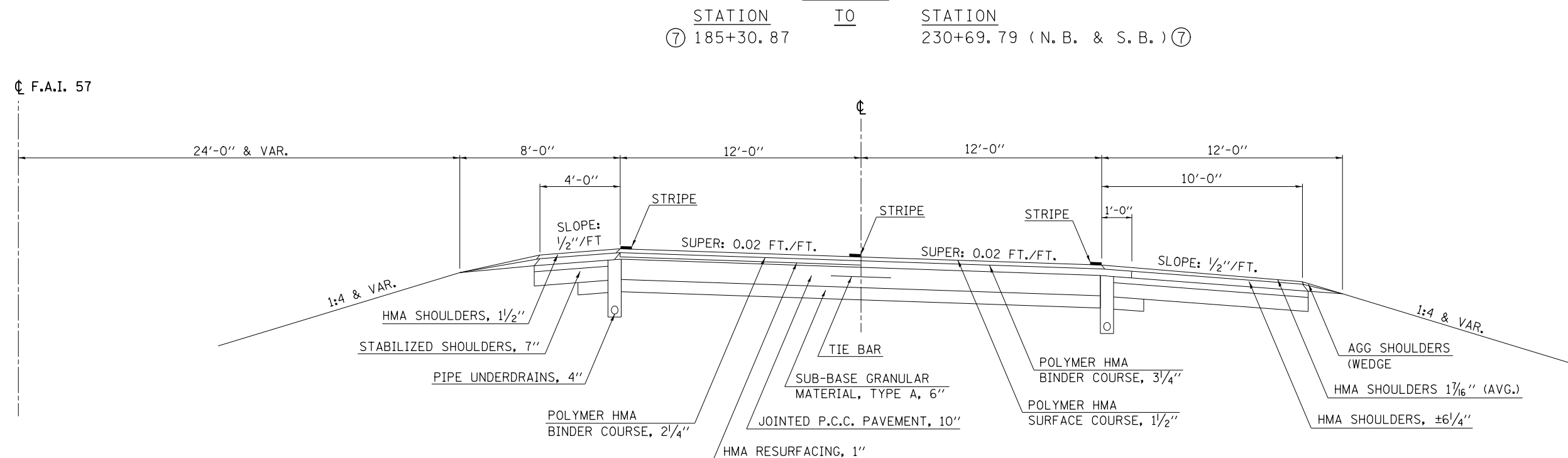
*CHAMPAIGN, DOUGLAS, & VERMILION
*57, 72, & 74

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\1\084EBIDINTEG.illinois.gov\PI\DOT\Documents\IDOT Offices\District 5\Projects\0570\Drawings\Design\0570C41-sht-typical.dwg		DRAWN -	REVISED -		SCALE:	SHEET 3	OF 20 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	32	11
		CHECKED -	REVISED -								CONTRACT NO. 70C41		
MODELNAME	PLOT DATE = 12/8/2016	DATE -	REVISED -										

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



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

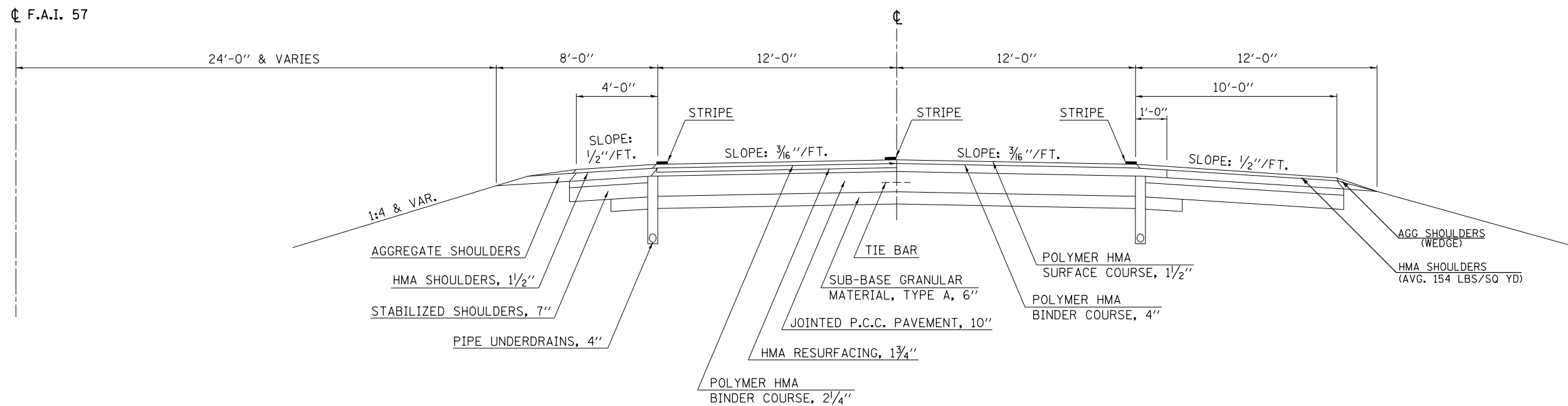


•CHAMPAIGN, DOUGLAS, & VERMILION
 •57, 72, & 74

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.I. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -		SCALE:	SHEET 4	OF 20 SHEETS	STA.	TO STA.	CONTRACT NO. 70C41		
MODELNAME	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

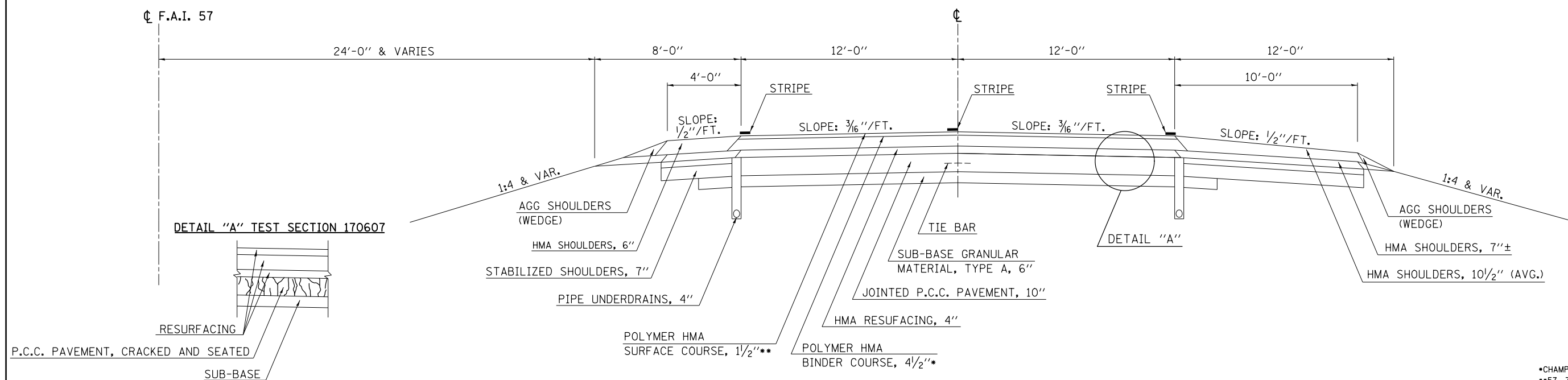
9 EXISTING TYPICAL CROSS SECTION F.A.I. 57

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



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

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

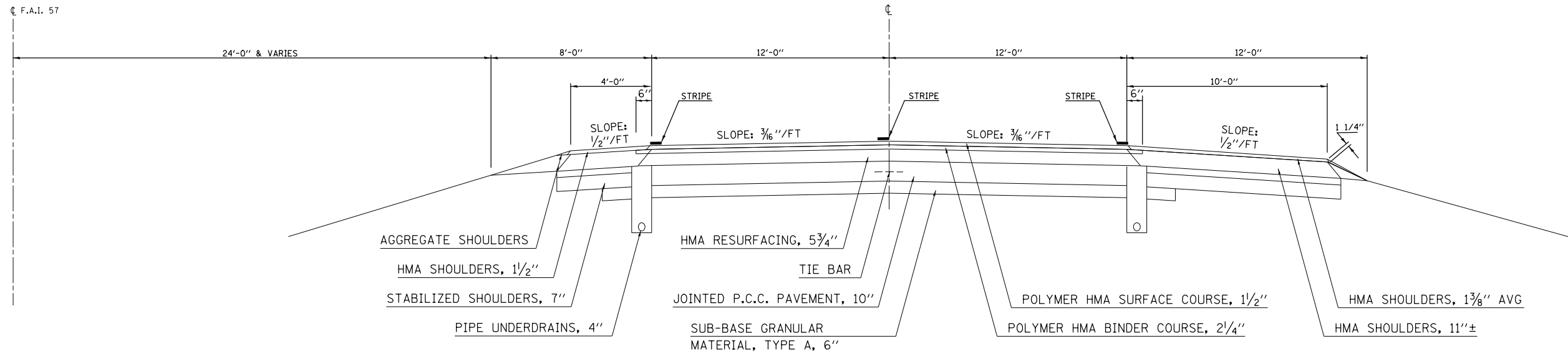


•CHAMPAIGN, DOUGLAS, & VERMILION
•57, 72, & 74

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.I. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0579\Drawings\Design\0570C41-sht-typical.sdw								SCALE:	SHEET 5	OF 20 SHEETS	STA.	TO STA.	•	D5 CM PATCHING 2017-3
PLOT SCALE = 40.0000' / in.					CHECKED -	REVISED -				CONTRACT NO. 70C41				
MODELNAME					DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

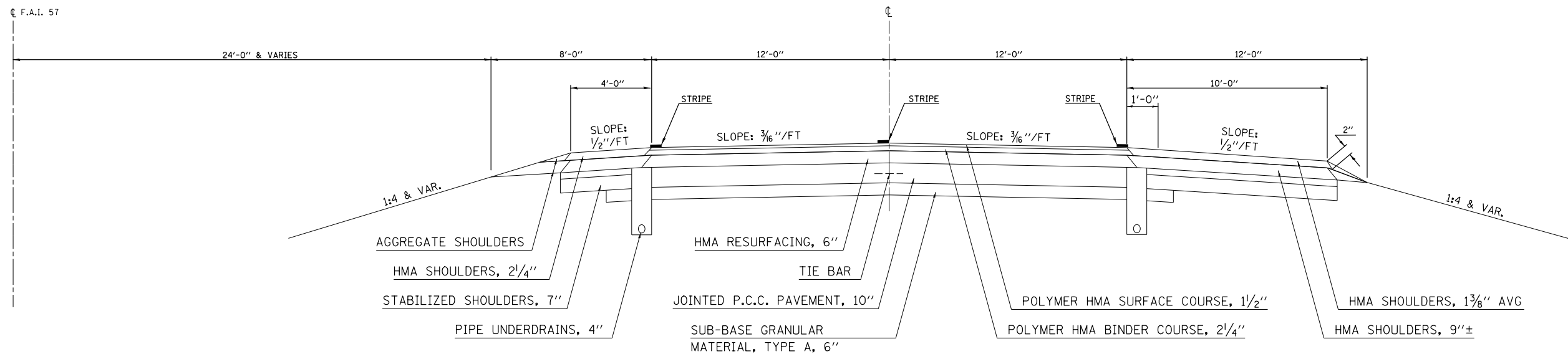
11 EXISTING TYPICAL CROSS SECTION F.A.I. 57

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.) 11



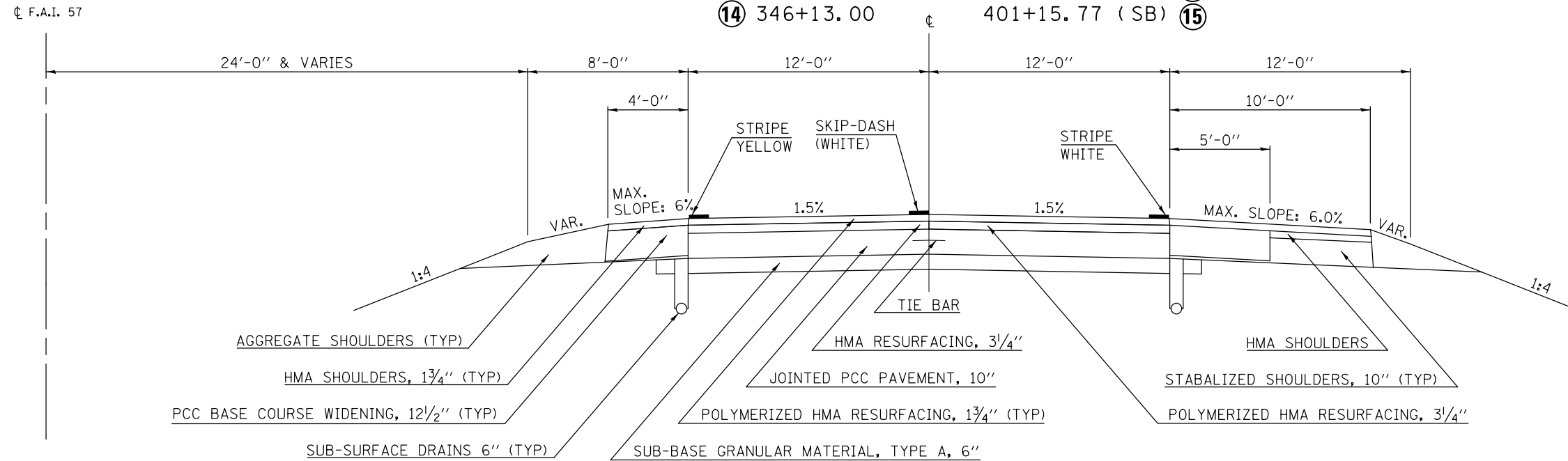
•CHAMPAIGN, DOUGLAS, & VERMILION
•57, 72, & 74

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570C41-sht-typicals.dwg	DRAWN Data\Design\0570C41-sht-typicals.dwg	REVISIONS	REVISIONS					••	D5 CM PATCHING 2017-3	*	32	14
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISIONS	REVISIONS		CONTRACT NO. 70C41			ILLINOIS FED. AID PROJECT				
*MODELNAME#	DATE -	REVISIONS	REVISIONS		SCALE:	SHEET 6	OF 20 SHEETS			STA.	TO STA.	

13 EXISTING TYPICAL SECTION F.A.I. 57

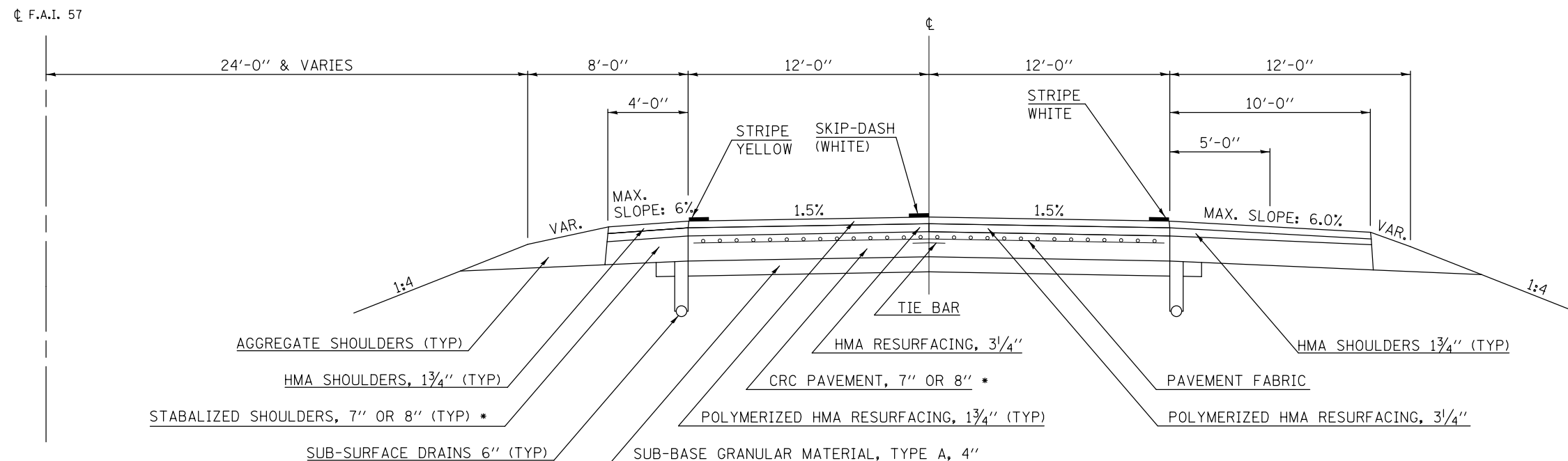
STATION	TO	STATION
350+00.00		526+64.06 (NB & SB) BK
83+43.47 AH		401+15.77 (NB) 15
83+43.47 AH		135+00.00 (SB) 14
14 346+13.00		401+15.77 (SB) 15

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, & VERMILION
 •57, 72, & 74

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\057\CDRAWN\Design\0570C41-shr-typical.s		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

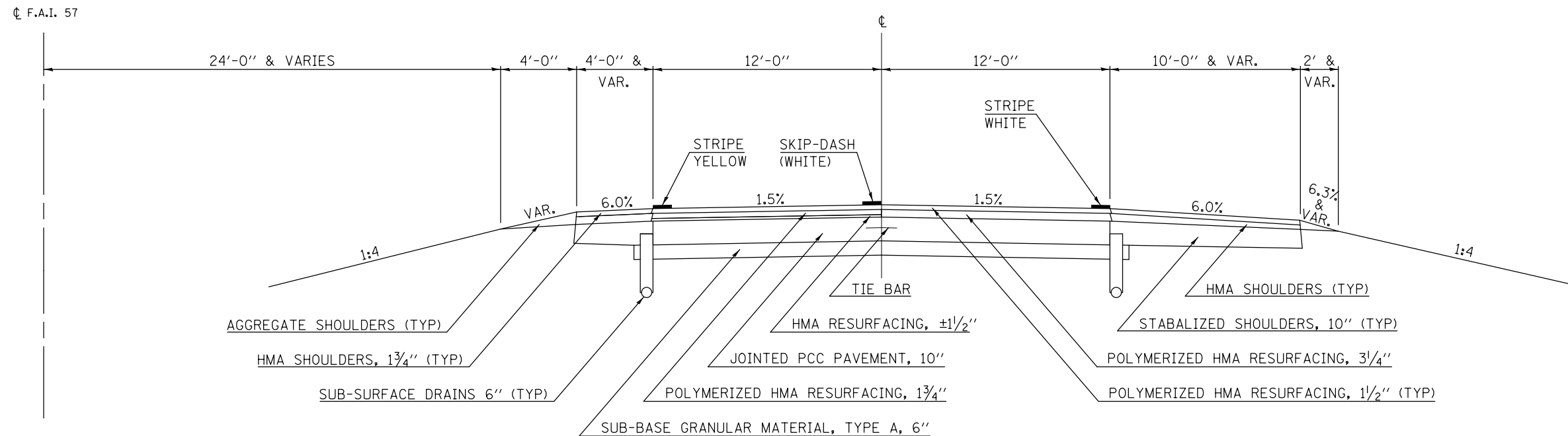
TYPICAL CROSS SECTIONS

SCALE: SHEET 7 OF 20 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	D5 CM PATCHING 2017-3	•	32	15
			CONTRACT NO. 70C41	
ILLINOIS FED. AID PROJECT				

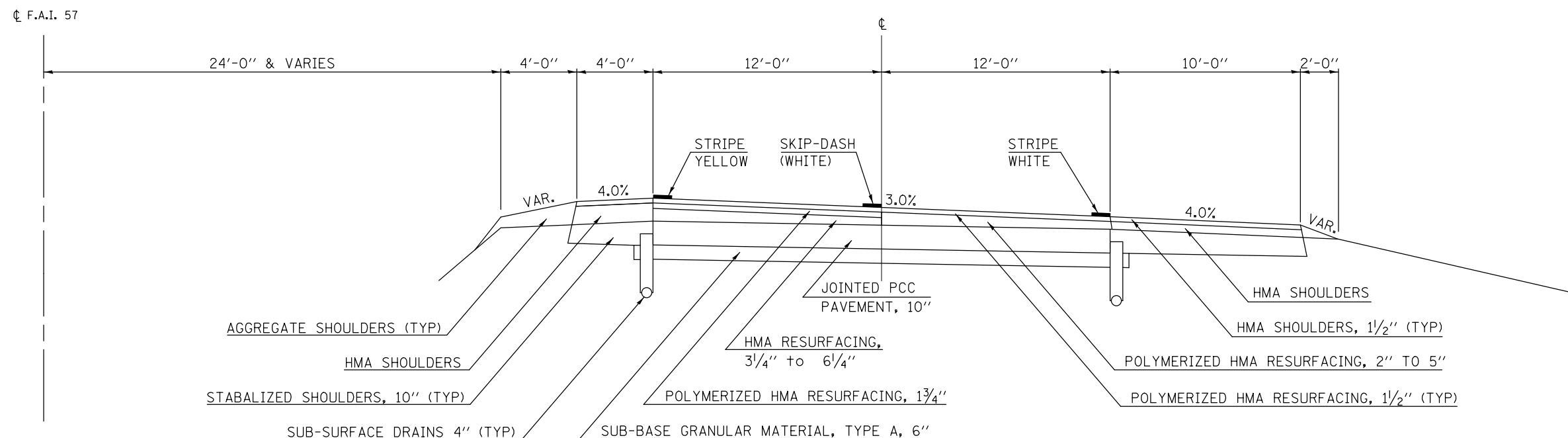
15 EXISTING TYPICAL SECTION
F.A.I. 57

STATION I0 STATION
 ⑬ 401+15.77 492+69.23 ⑯
 ⑰ 522+00.92 545+00.00 ⑲



16 EXISTING TYPICAL SECTION
F.A.I. 57

STATION I0 STATION
 ⑮ 492+69.23 522+00.92 ⑰



•CHAMPAIGN, DOUGLAS, & VERMILION
 •57, 72, & 74

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\CDRAWING\Design\0570C41-sht-typical.dwg		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
MODELNAME	PLOT DATE = 12/8/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

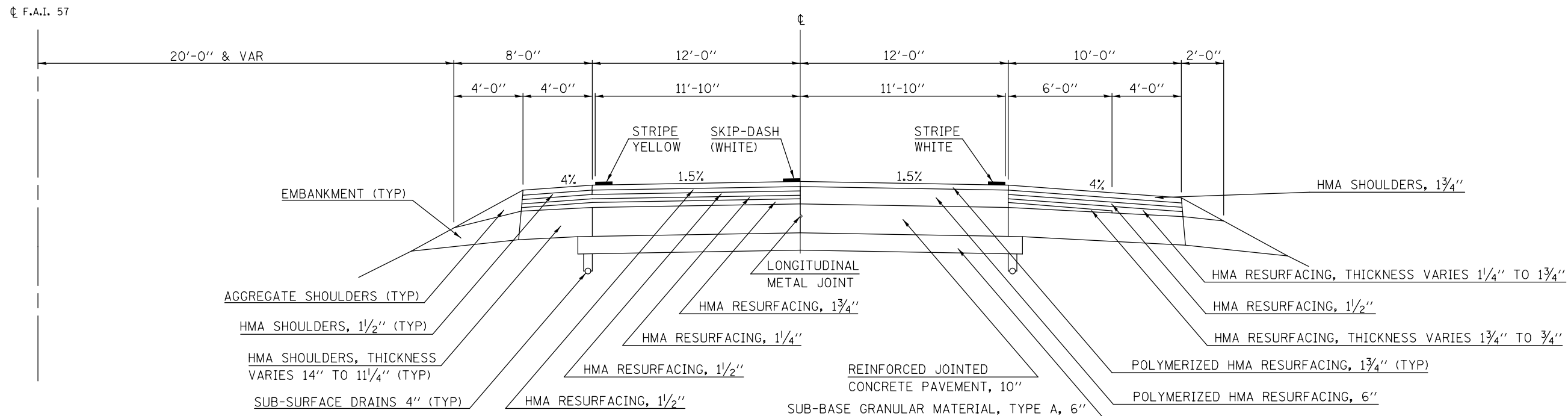
SCALE: SHEET 8 OF 20 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	D5 CM PATCHING 2017-3	•	32	16
CONTRACT NO. 70C41			ILLINOIS FED. AID PROJECT	

17 EXISTING TYPICAL SECTION F.A.I. 57

LOCATION MAP #2

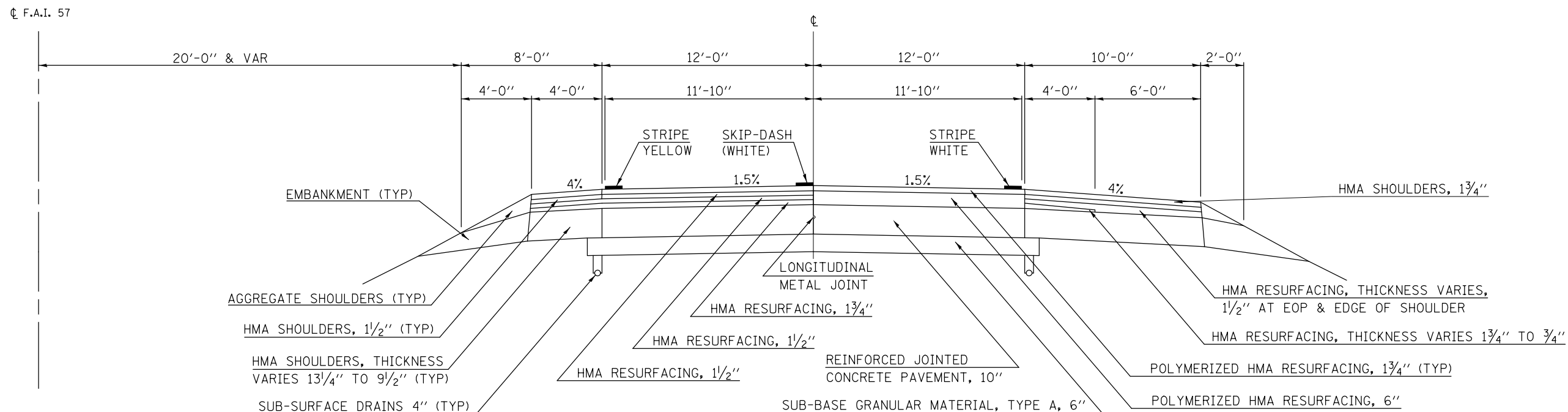
STATION IO STATION
 15 545+00.00 575+00.00 18



18 EXISTING TYPICAL SECTION F.A.I. 57

LOCATION MAP #2

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



•CHAMPAIGN, DOUGLAS, & VERMILION
 •57, 72, & 74

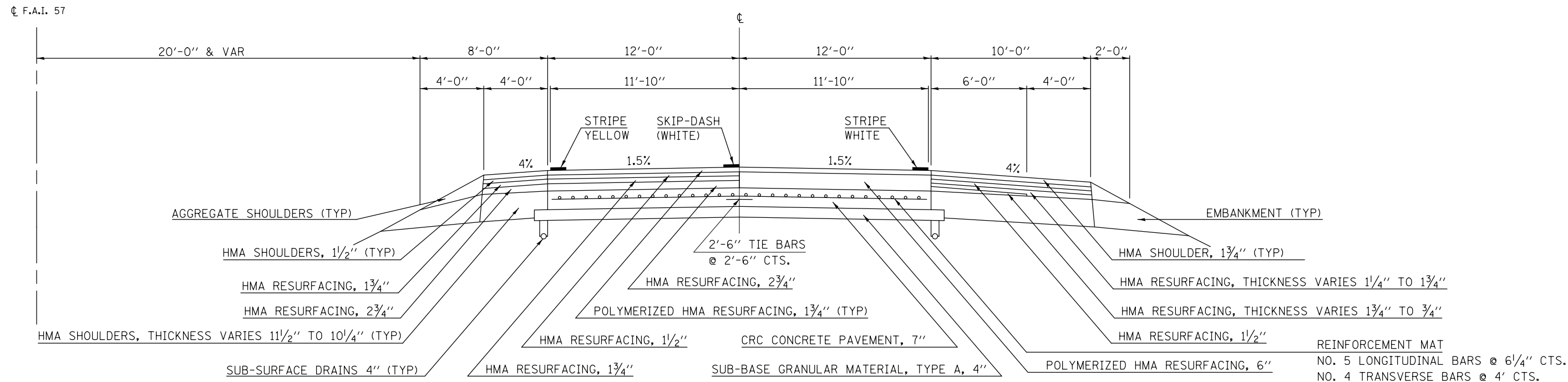
FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0570C41\Drawings\Design\0570C41-shr-typical.sdw DRAWN Data\Design\0570C41-shr-typical.sdw PLOT SCALE = 40.0000' / in. #MODELNAME#						••	D5 CM PATCHING 2017-3	•	32	17
CHECKED - DATE -									CONTRACT NO. 70C41	
					SCALE:	SHEET 9 OF 20 SHEETS		STA.	TO STA.	
						ILLINOIS FED. AID PROJECT				

19 EXISTING TYPICAL SECTION
F.A.I. 57

LOCATION MAP #2

NORTHBOUND LANES

STATION TO STATION
18 623+36.00 637+35.00

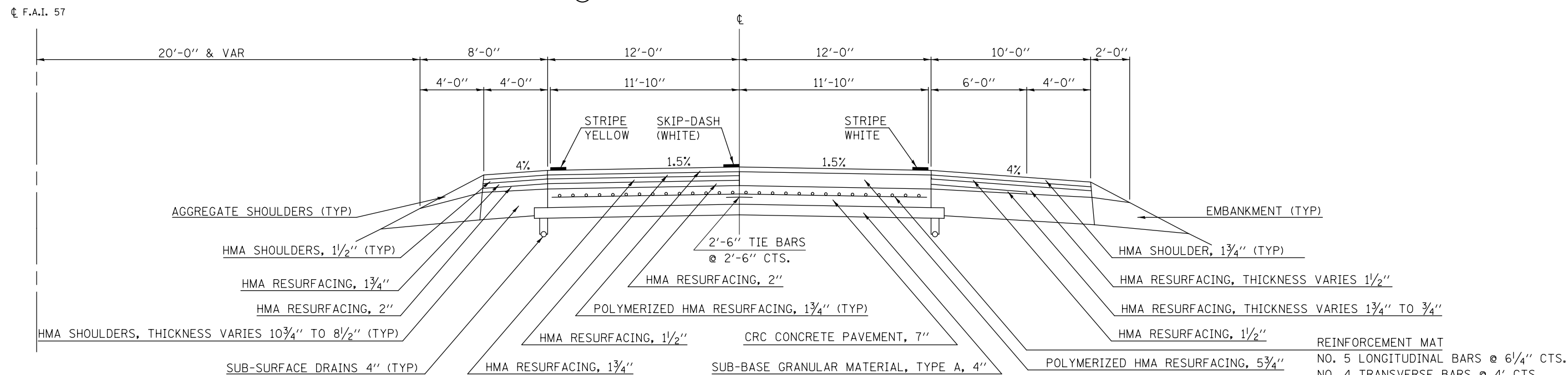


20 EXISTING TYPICAL SECTION
F.A.I. 57

LOCATION MAP #2

SOUTHBOUND LANES

STATION TO STATION
18 623+36.00 637+35.00



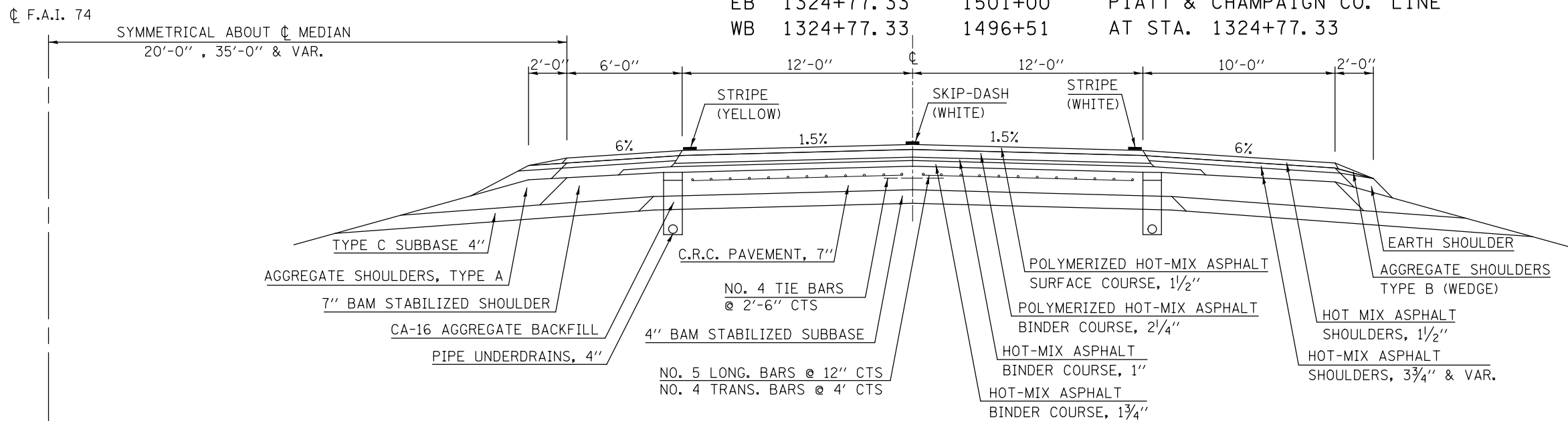
FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0570\Drawings\Design\0570C41-sht-typical.dwg		DRAWN -	REVISED -		••	D5 CM PATCHING 2017-3	•	32	18			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 70C41							
MODELNAME		DATE -	REVISED -		SCALE:	SHEET 10	OF 20 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

23 EXISTING TYPICAL SECTION

LOCATION MAPS #2 & #3

F.A.I. 74

STATION TO STATION
 EB 1324+77.33 1501+00 PIATT & CHAMPAIGN CO. LINE
 WB 1324+77.33 1496+51 AT STA. 1324+77.33



24 EXISTING TYPICAL SECTION

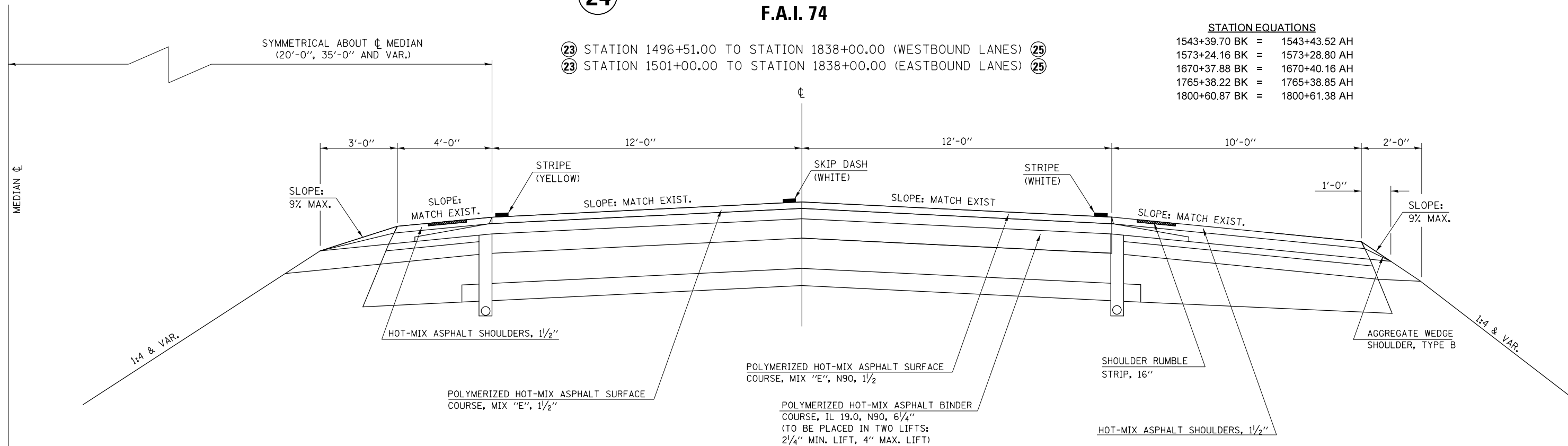
LOCATION MAP #3

F.A.I. 74

23 STATION 1496+51.00 TO STATION 1838+00.00 (WESTBOUND LANES) 25
 23 STATION 1501+00.00 TO STATION 1838+00.00 (EASTBOUND LANES) 25

STATION EQUATIONS

1543+39.70 BK = 1543+43.52 AH
 1573+24.16 BK = 1573+28.80 AH
 1670+37.88 BK = 1670+40.16 AH
 1765+38.22 BK = 1765+38.85 AH
 1800+60.87 BK = 1800+61.38 AH



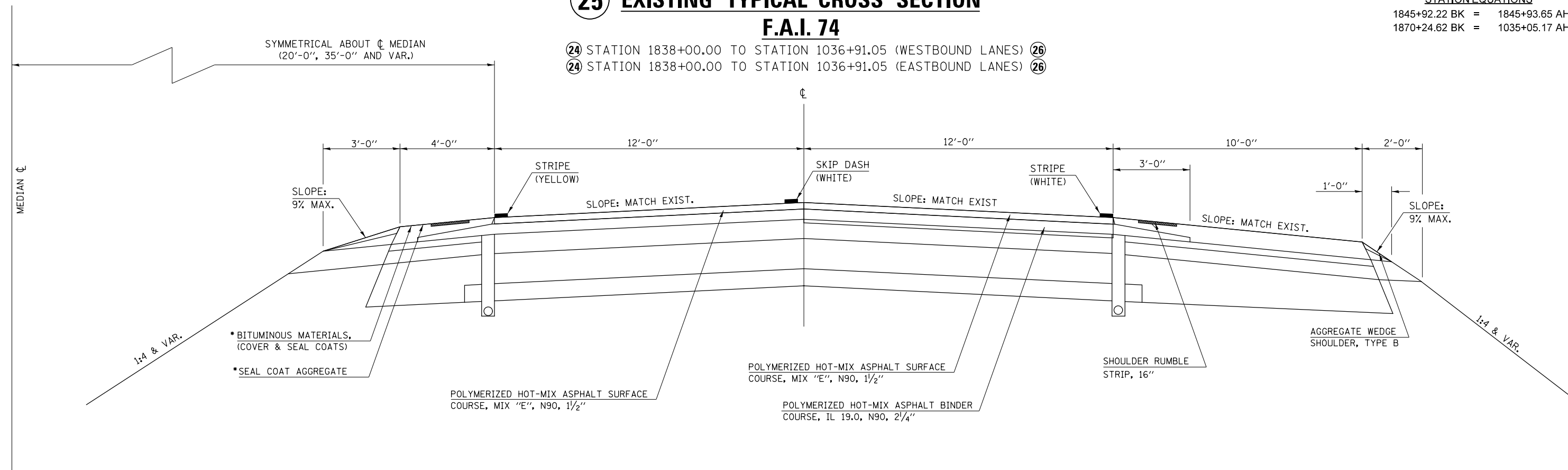
•CHAMPAIGN, DOUGLAS, & VERMILION
 •57, 72, & 74

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\0577\Drawings\Design\05770C41-sht-typical.dwg		CHECKED -	REVISED -		SCALE:	SHEET 12	OF 20	SHEETS	STA.	TO STA.	D5 CM PATCHING 2017-3	32	20
#MODELNAME#	PLOT DATE = 12/8/2016	DATE -	REVISED -		CONTRACT NO. 70C41								
ILLINOIS FED. AID PROJECT													

25 EXISTING TYPICAL CROSS SECTION

F.A.I. 74

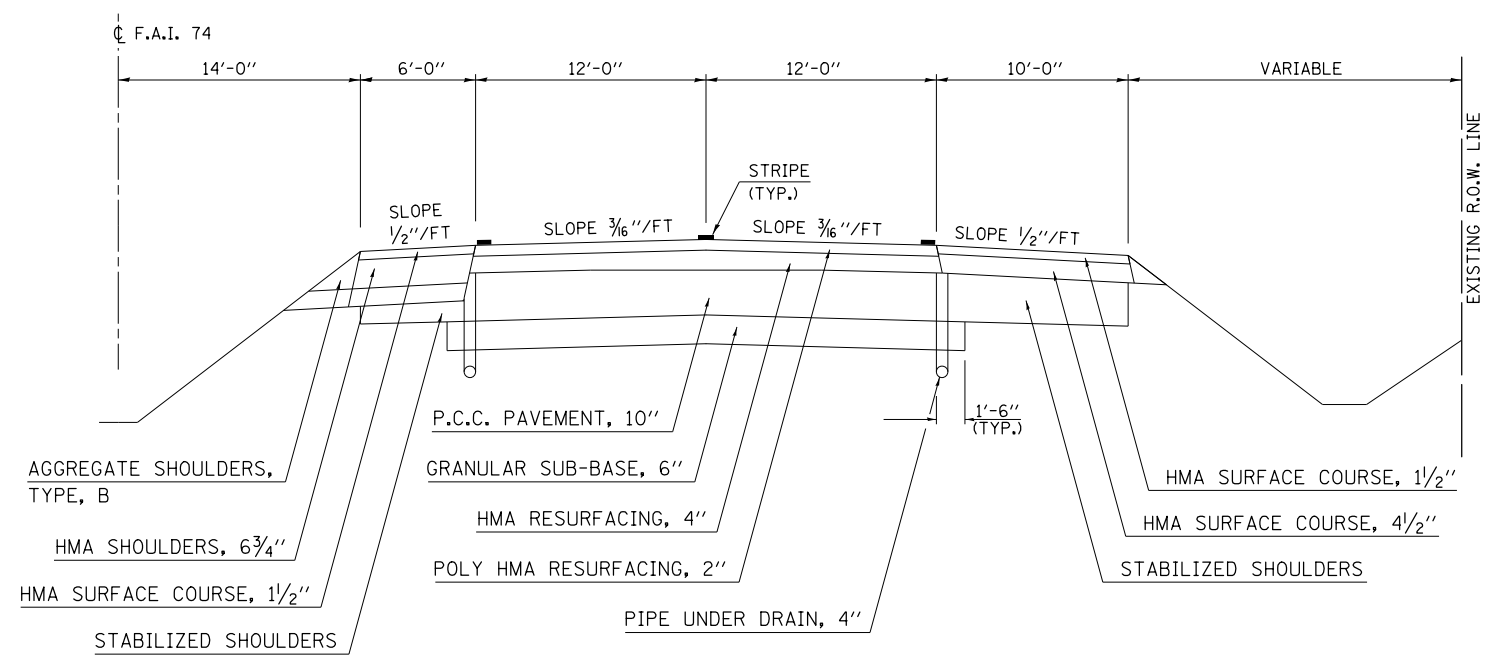
24 STATION 1838+00.00 TO STATION 1036+91.05 (WESTBOUND LANES) 26
24 STATION 1838+00.00 TO STATION 1036+91.05 (EASTBOUND LANES) 26



26 EXISTING TYPICAL CROSS SECTION

F.A.I. 74

STATION 1036+91.05 TO STATION 1038+67.40



•CHAMPAIGN, DOUGLAS, & VERMILION
•57, 72, & 74

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\CDRAWN Data\Design\0570C41-sht-typical.s	DESIGNED -	REVISED -	REVISED -					••	D5 CM PATCHING 2017-3	*	32	21
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 70C41			ILLINOIS FED. AID PROJECT				
*MODELNAME#	DATE -	REVISED -	REVISED -		SCALE:	SHEET 13	OF 20 SHEETS	STA.	TO STA.			

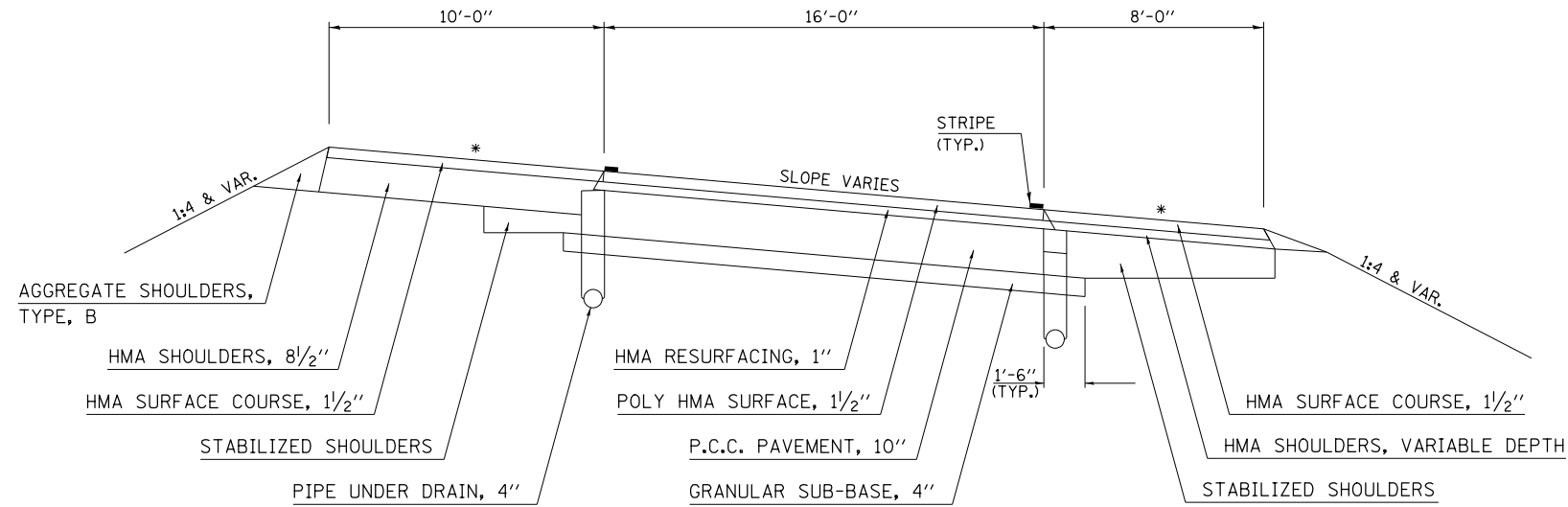
RAMP ADJACENT TO TYPICAL CROSS SECTION 26

27 EXISTING TYPICAL CROSS SECTION NB I-57 TO EB I-74 RAMP (NEAR I-74 EB GORE AREA)

LOCATION MAP #3

STATION TO STATION
87+55.00 100+40.00

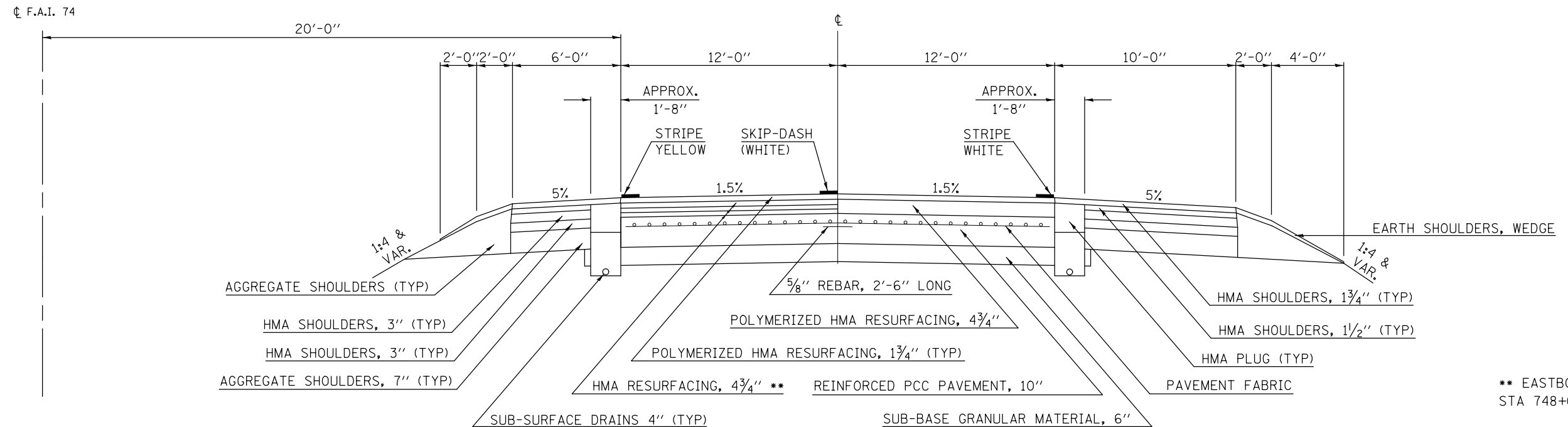
* = THE ALGEBRAIC DIFFERENCE BETWEEN THE RAMP PAVEMENT SLOPE AND SHOULDER SLOPE SHALL NOT EXCEED 8.0%



28 EXISTING TYPICAL SECTION F.A.I. 74

LOCATION MAP #3

STATION TO STATION
429+00.00 880+00.00 29



** EASTBOUND LANES - STA 730+0 TO STA 748+00 HMA RESURFACING = 6"±
•CHAMPAIGN, DOUGLAS, & VERMILION
•57, 72, & 74

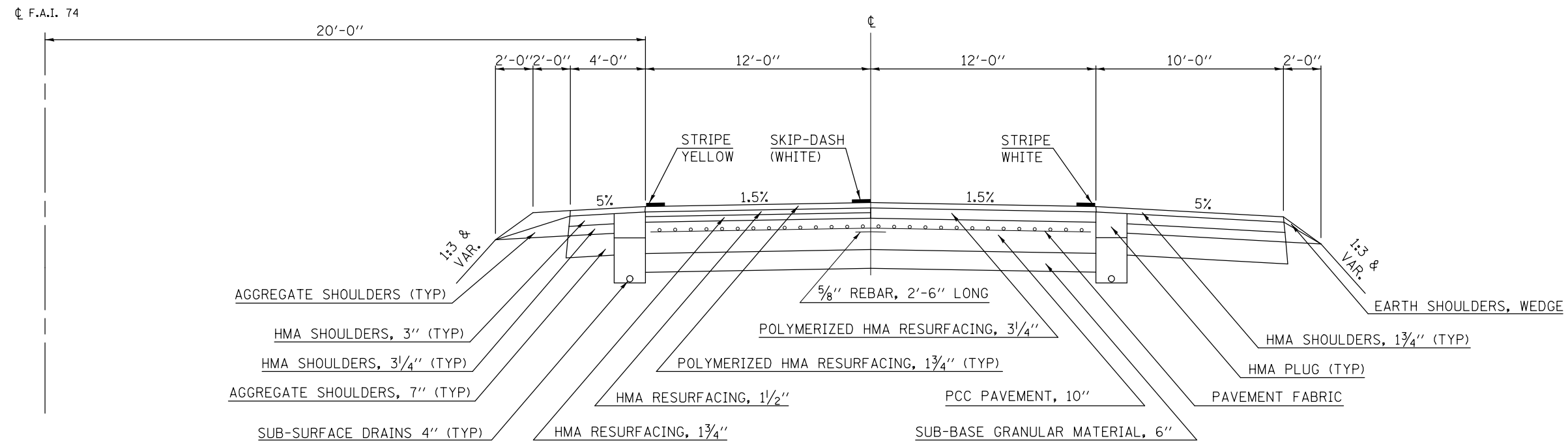
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		CHECKED -	REVISED -										
#MODELNAME#		DATE -	REVISED -										
											CONTRACT NO. 70C41		
											ILLINOIS FED. AID PROJECT		

29 EXISTING TYPICAL SECTION
F.A.I. 74

LOCATION MAPS #3 & #4

STATION 28 880+00.00 TO STATION 30 1180+00.00

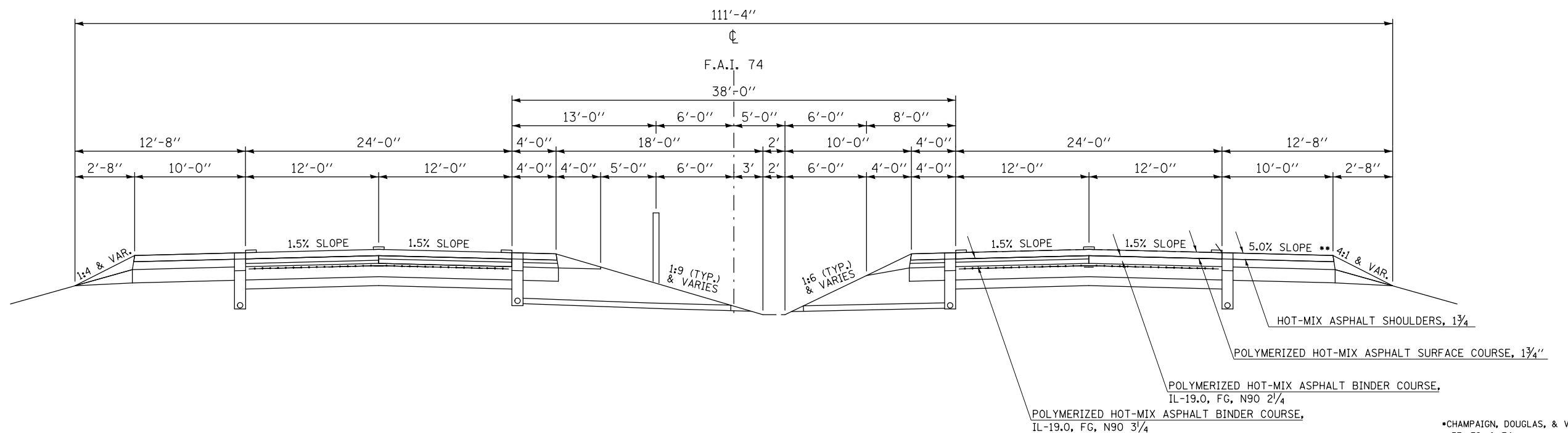
CHAMPAIGN AND VERMILION COUNTY
LINE AT STA 1053+06.00



30 EXISTING TYPICAL CROSS SECTION

LOCATION MAP #4

STATION 29 1180+00.00 TO STATION 31 1616+00.00



FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.I. SECTION COUNTY TOTAL SHEETS SHEET NO.
pw:\IL\084EBID\INTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\0579C41-shr-typical.s	DRAWN	REVISIONS	REVISIONS		D5 CM PATCHING 2017-3	.	32	23
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISIONS	REVISIONS		CONTRACT NO. 70C41			
MODELNAME	DATE -	REVISIONS	REVISIONS		ILLINOIS FED. AID PROJECT			

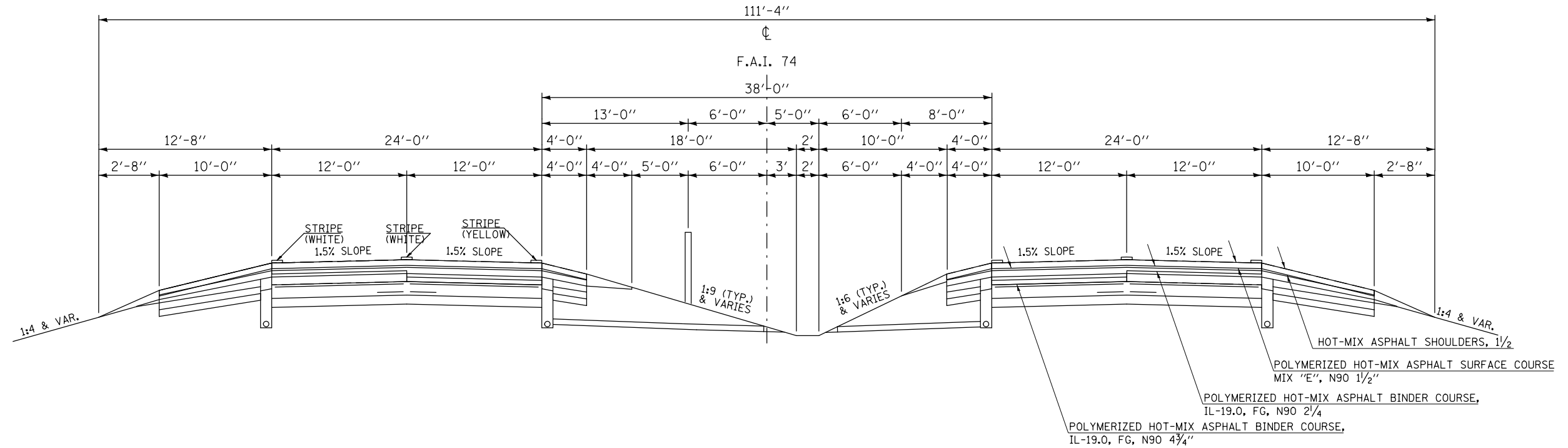
•CHAMPAIGN, DOUGLAS, & VERMILION
•57, 72, & 74

SCALE: SHEET 15 OF 20 SHEETS STA. TO STA.

31 EXISTING TYPICAL CROSS SECTION

LOCATION MAP #4

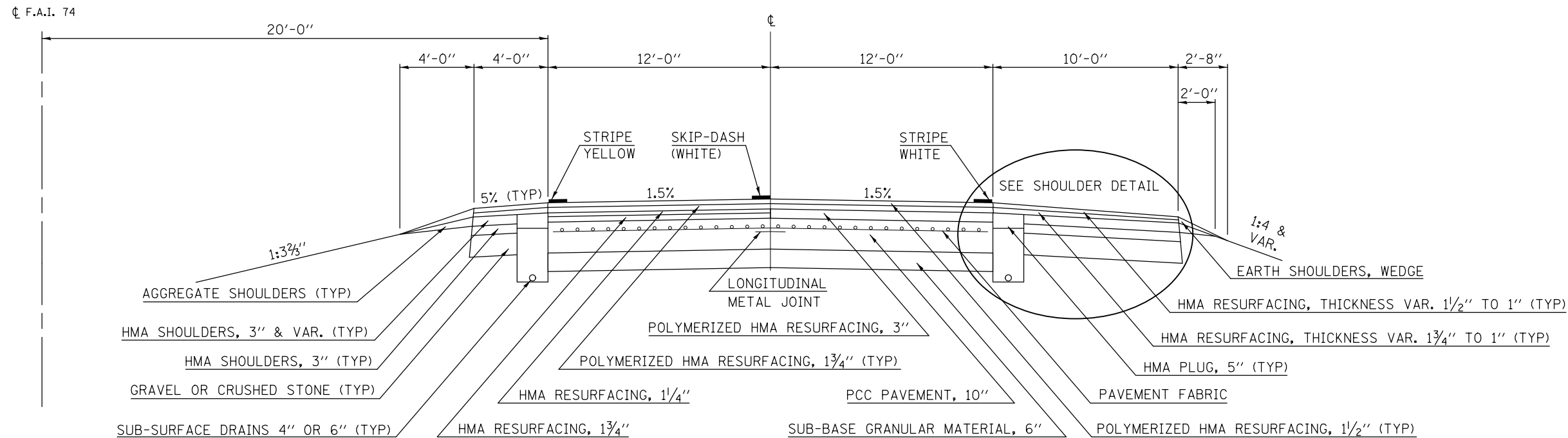
30 STATION 1616+00.00 TO STATION 1683+00.00 32



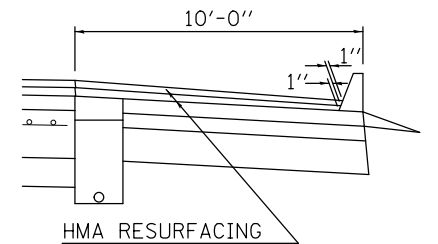
32 EXISTING TYPICAL SECTION F.A.I. 74

LOCATION MAP #4

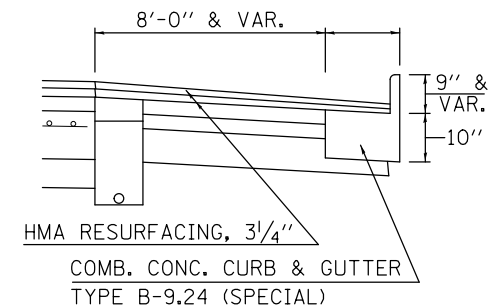
STATION TO STATION
31 1683+00.00 TO 1720+00.00 33



SHOULDER DETAIL
LT. 1618+87.00 TO LT. 1627+88.22
RT. 1624+65.29 TO RT. 1627+88.22



SHOULDER DETAIL
LT. 1631.89.30 TO LT. 1647+92.36 (WB)
RT. 1631+89.63 TO RT. 1647+36.45 (EB)



FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -
p:\1\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 5\Projects\0579\Drawings\Design\05790C41-sht-typical.dwg		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
\$MODELNAME\$	PLOT DATE = 12/8/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTION
F.A.I. 74

SCALE: SHEET 16 OF 20 SHEETS STA. TO STA.

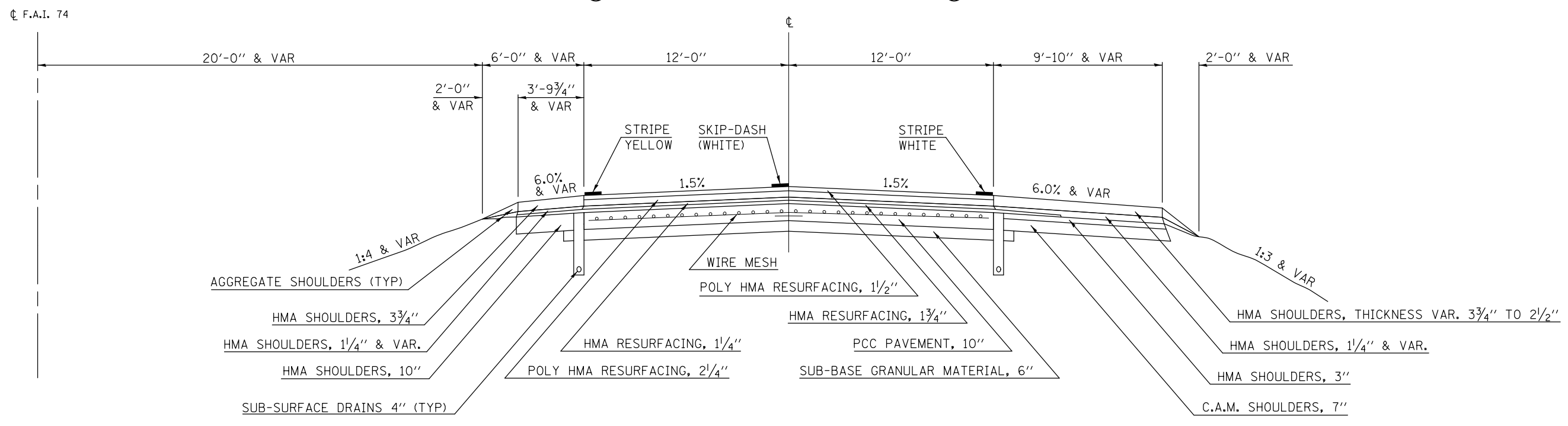
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D5	D5 CM PATCHING 2017-3		32	24
CONTRACT NO. 70C41			ILLINOIS FED. AID PROJECT	

35 EXISTING TYPICAL SECTION

LOCATION #4

F.A.I. 74

STATION TO STATION
 34 1951+50.00 2020+00.00 36

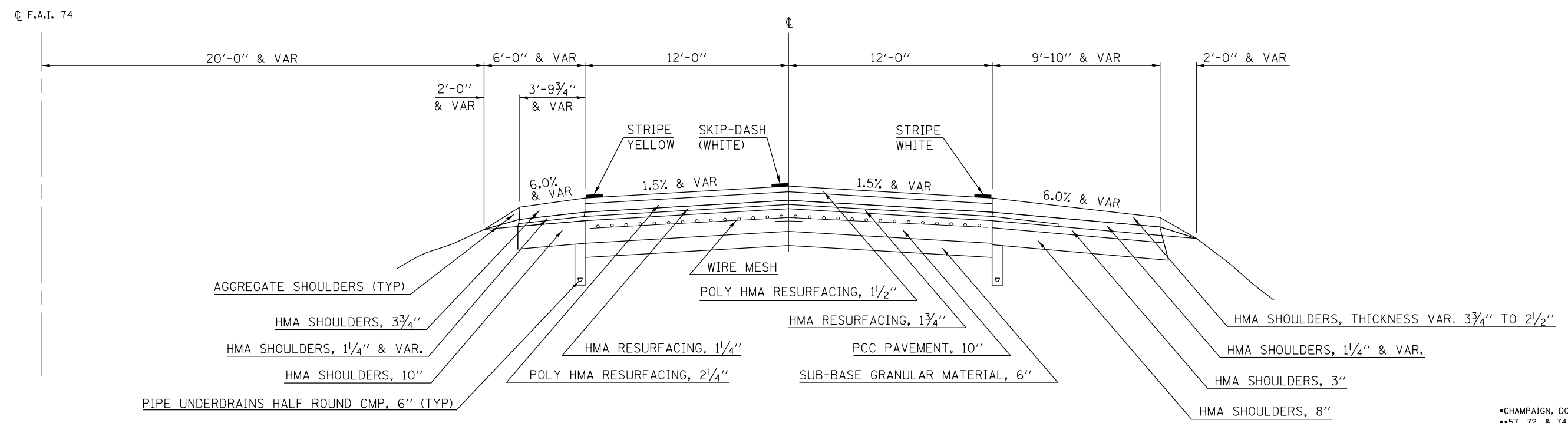


36 EXISTING TYPICAL SECTION

LOCATION MAP #4

F.A.I. 74

STATION TO STATION
 35 2020+00.00 2231+13.24 37



FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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										ILLINOIS FED. AID PROJECT		

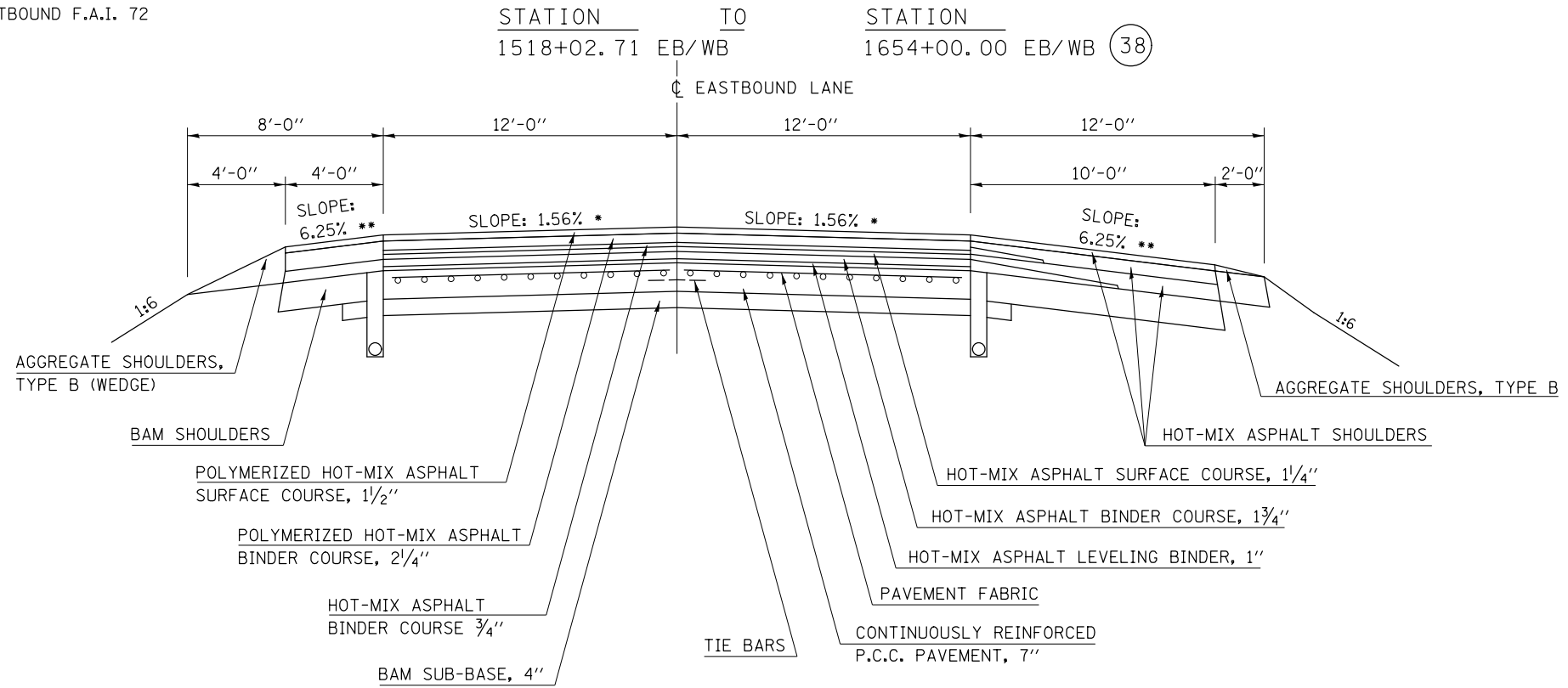
•CHAMPAIGN, DOUGLAS, & VERMILION
 •57, 72, & 74

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

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

LOCATION MAP # 3

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

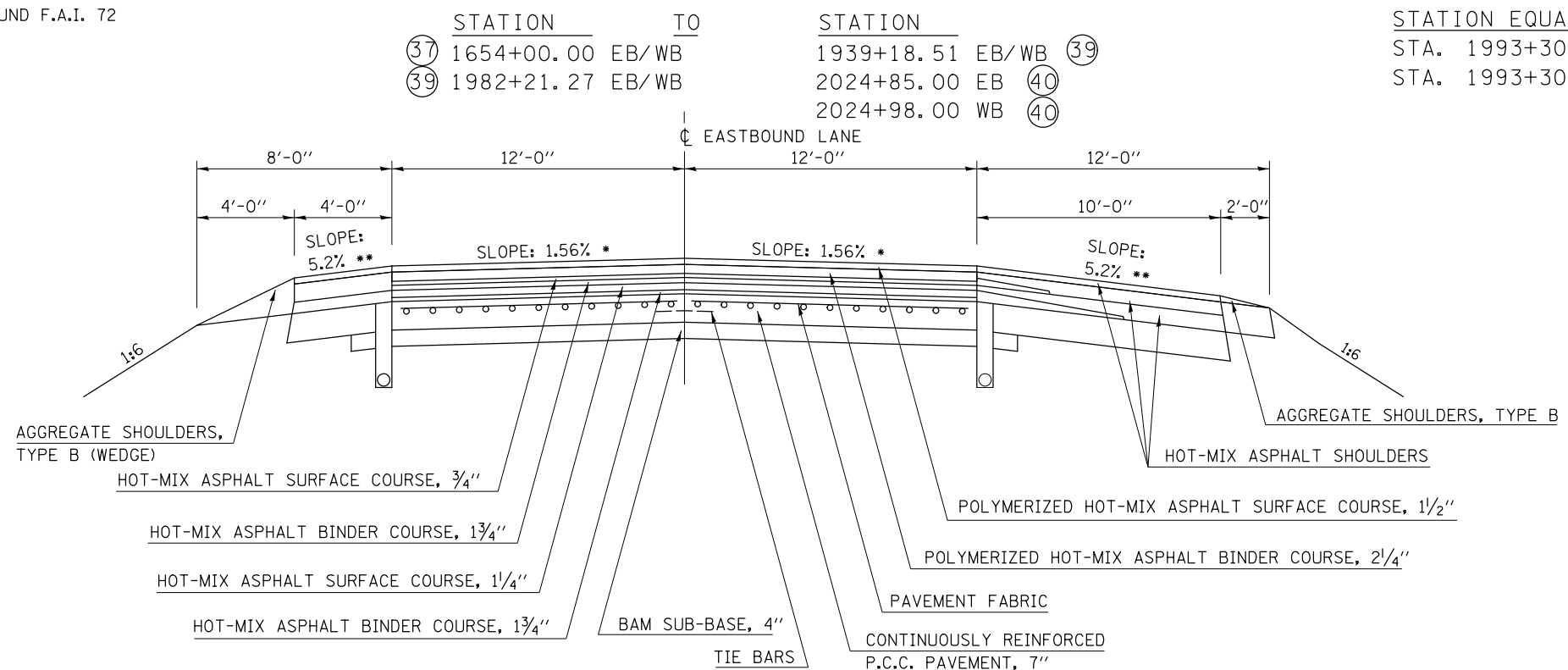


* SLOPE VARIES FOR SUPERELEVATION IN CURVES.
 ** SLOPE VARIES IN SUPERELEVATION WITH MAXIMUM OF 0.08 FT/FT DIFFERENCE.

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

LOCATION MAP # 3

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 = carrollrt	DESIGNED -	REVISED -
p:\11\084EBID\INTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 5\Projects\057\DRAWING\Design\0570C41-sht-typical.s		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS			
SCALE:	SHEET 19	OF 20 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D5	D5 CM PATCHING 2017-3		32	27
CONTRACT NO. 70C41			ILLINOIS FED. AID PROJECT	

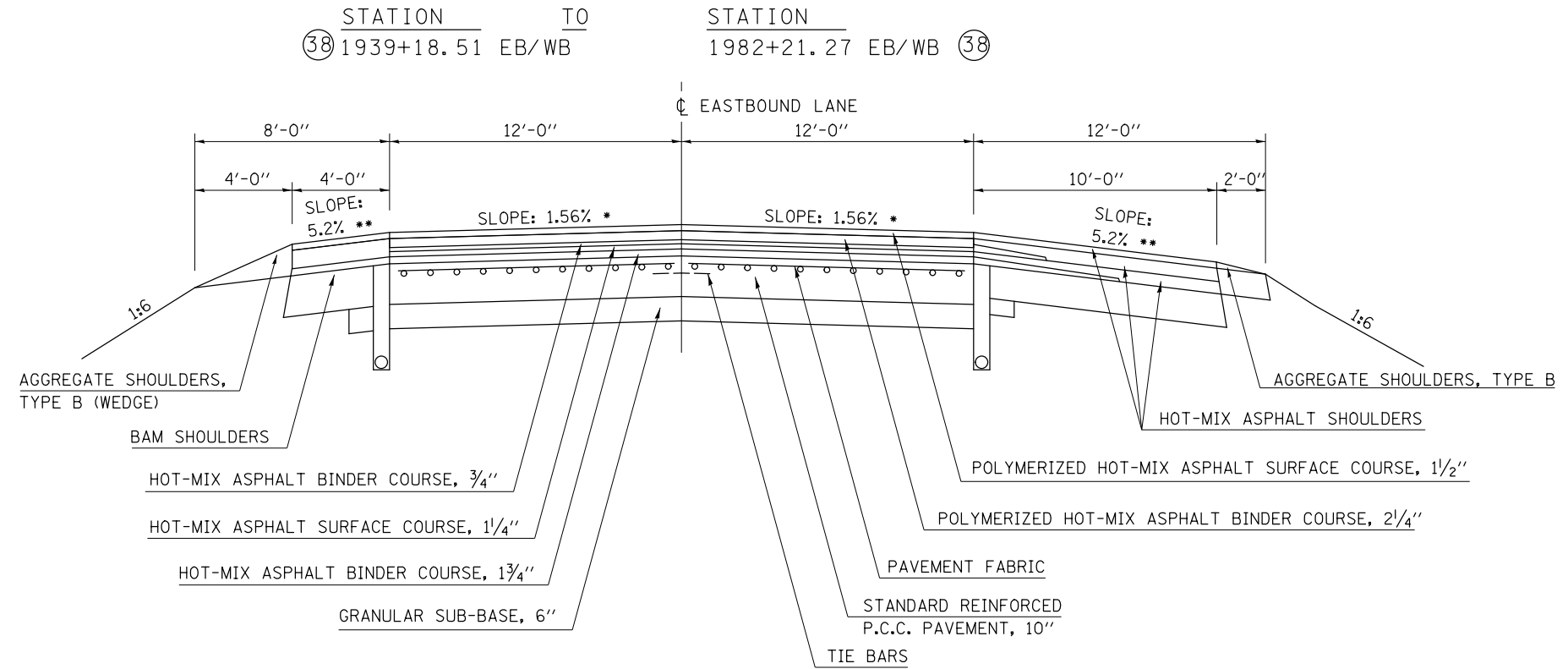
•CHAMPAIGN, DOUGLAS, & VERMILION
 ••57, 72, & 74

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

39

EXISTING TYPICAL CROSS SECTION

F.A.I. 72

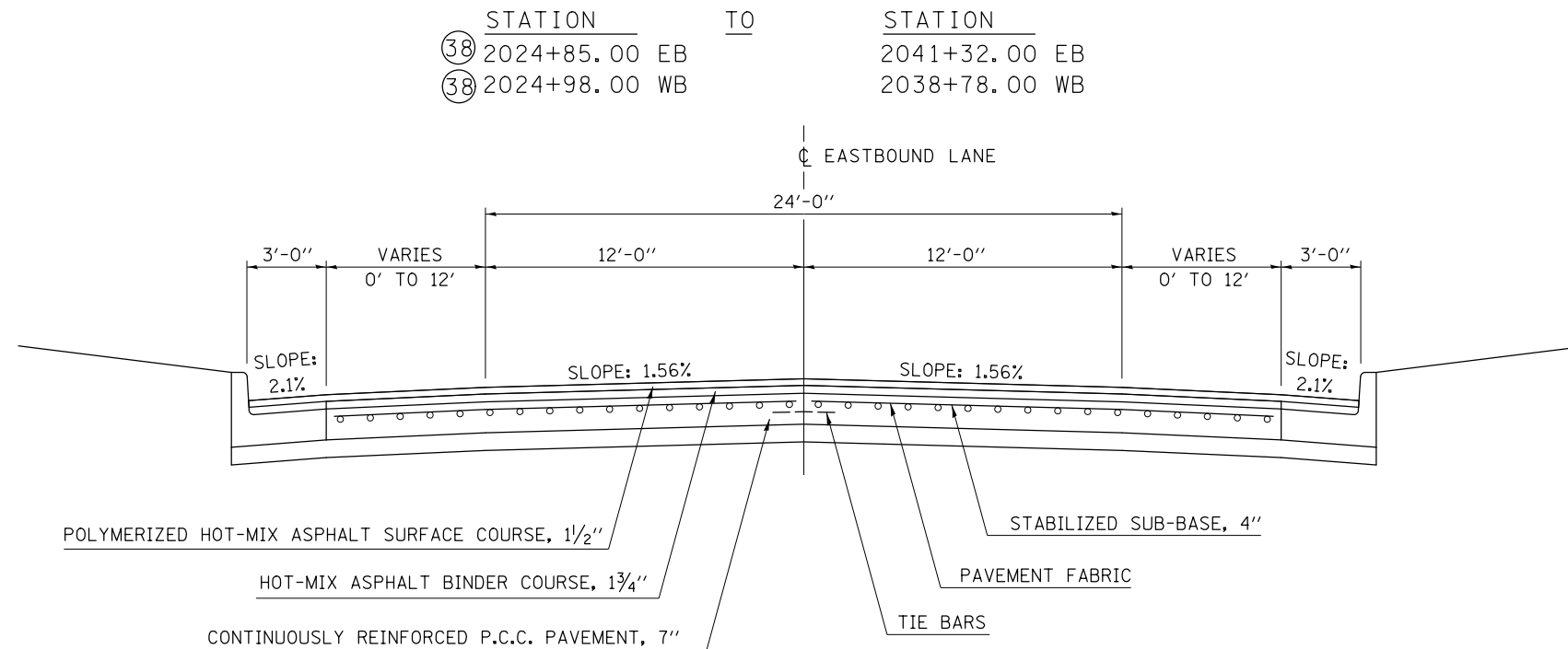


EASTBOUND F.A.I. 72 SHOWN; SAME TYPICAL FOR WESTBOUND F.A.I. 72

40

EXISTING TYPICAL CROSS SECTION

F.A.I. 72



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

•CHAMPAIGN, DOUGLAS, & VERMILION
 •57, 72, & 74

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 5\Projects\0570\DRAWING\Design\0570C41-sht-typical.s		CHECKED -	REVISED -						D5 CM PATCHING 2017-3	*	32	28
*MODELNAME#	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		SCALE:	SHEET 20	OF 20 SHEETS	STA.	TO STA.	CONTRACT NO. 70C41		
	PLOT DATE = 12/8/2016									ILLINOIS FED. AID PROJECT		

SCHEDULE OF QUANTITIES

I-57 NORTHBOUND CLASS A 12" PATCHES													
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44200577 TYPE II 12.0" (SQ YD)	44200581 TYPE III 12.0" (SQ YD)	44200583 TYPE IV 12.0" (SQ YD)	44213200 SAW CUTS (FT)	4.4E+07 TIE BARS 3/4" (EACH)	44213000 PATCHING REINFORCEMENT (SQ YD)
DOUGLAS	RURAL	296+03.99	209.603	NB	DL	20	12	0.0	0.0	26.7	88.0	10	26.7
CHAMPAIGN	RURAL	1232+89.38	249.251	NB	DL	6	12	8.0	0.0	0.0	60.0	0	8.0
CHAMPAIGN	RURAL	1236+27.30	249.315	NB	PL	12	12	0.0	16.0	0.0	72.0	0	16.0
SUB-TOTALS=								8.0	16.0	26.7	220.0	10.0	50.7
I-57 SOUTHBOUND CLASS A 12" PATCHES													
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (ft)	WIDTH (ft)	44200577 TYPE II 12.0" (SQ YD)	44200581 TYPE III 12.0" (SQ YD)	44200583 TYPE IV 12.0" (SQ YD)	44213200 SAW CUTS (ft)	4.4E+07 TIE BARS 3/4" (each)	44213000 PATCHING REINFORCEMENT (SQ YD)
CHAMPAIGN	RURAL	1015+09.38	245.126	SB	DL	6	12	8.0	0.0	0.0	60.0	0	8.0
CHAMPAIGN	RURAL	1223+33.70	249.070	SB	DL	6	12	8.0	0.0	0.0	60.0	0	8.0
CHAMPAIGN	RURAL	1223+33.70	249.070	SB	PL	6	12	8.0	0.0	0.0	60.0	0	8.0
CHAMPAIGN	RURAL	1233+58.02	249.264	SB	PL	6	12	8.0	0.0	0.0	60.0	0	8.0
CHAMPAIGN	RURAL	1233+58.02	249.264	SB	DL	6	12	8.0	0.0	0.0	60.0	0	8.0
CHAMPAIGN	RURAL	1235+69.22	249.304	SB	PL	15	6	10.0	0.0	0.0	54.0	0	10.0
CHAMPAIGN	RURAL	1235+95.62	249.309	SB	PL	8	12	10.7	0.0	0.0	64.0	0	10.7
CHAMPAIGN	RURAL	1253+06.34	249.633	SB	DL	10	12	13.3	0.0	0.0	68.0	0	13.3
SUB-TOTALS=								74.0	0.0	0.0	486.0	0	74.0
TOTALS=								82.0	16.0	26.7	706.0	10.0	124.7
CHAMPAIGN COUNTY I-57 RURAL TOTALS=								82.0	16.0	0.0	618.0	0.0	98.0
DOUGLAS COUNTY I-57 RURAL TOTALS=								0.0	0.0	26.7	88.0	10.0	26.7

I-57 NORTHBOUND CLASS A 13" PATCHES											
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44200610 TYPE II 13.0" (SQ YD)	4.4E+07 SAW CUTS (FT)	44213000 PATCHING REINFORCEMENT (SQ YD)	
DOUGLAS	RURAL	584+43.94	212.649	NB	DL	6	12	8.0	60.0	8.0	
DOUGLAS	RURAL	689+65.00	214.641	NB	DL	6	12	8.0	60.0	8.0	
SUB-TOTALS=								16.0	120.0	16.0	
DOUGLAS COUNTY I-57 RURAL TOTALS=								16.0	120.0	16.0	

I-72 EASTBOUND CLASS A 16" PATCHES											
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44200645 TYPE II 16.0" (SQ YD)	44200646 TYPE III 16.0" (SQ YD)	44213200 SAW CUTS (FT)	44213000 PATCHING REINFORCEMENT (SQ YD)
CHAMPAIGN	URBAN	1791+79.51	178.555	EB	DL	6	12	8.0	0.0	60.0	8.0
CHAMPAIGN	URBAN	1837+46.71	179.420	EB	DL	6	12	8.0	0.0	60.0	8.0
CHAMPAIGN	URBAN	1958+95.99	181.721	EB	DL	10	12	13.3	0.0	68.0	13.3
SUB-TOTALS=								29.3	0.0	188.0	29.3
I-72 WESTBOUND CLASS A 16" PATCHES											
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44200645 TYPE II 16.0" (SQ YD)	44200646 TYPE III 16.0" (SQ YD)	44213200 SAW CUTS (FT)	44213000 PATCHING REINFORCEMENT (SQ YD)
CHAMPAIGN	RURAL	1622+72.95	175.353	WB	PL	6	12	8.0	0.0	60.0	8.0
CHAMPAIGN	RURAL	1621+30.39	175.326	WB	DL	15	12	0.0	20.0	78.0	20.0
CHAMPAIGN	URBAN	1903+41.43	180.669	WB	DL	6	12	8.0	0.0	60.0	8.0
SUB-TOTALS=								16.0	20.0	198.0	36.0
TOTALS=								46.0	20.0	386.0	66.0
CHAMPAIGN COUNTY I-72 URBAN TOTALS =								38.0	0.0	248.0	38.0
CHAMPAIGN COUNTY I-72 RURAL TOTALS=								8.0	20.0	138.0	28.0

•CHAMPAIGN, DOUGLAS, & VERMILION
•57, 72, & 74

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIDOT\Documents\DOT Offices\District 5\Projects\0579\DRAWING\Design\0570C41-sht-schedules						••	D5 CM PATCHING 2017-3	*	29	32	
\$MODELNAME\$	PLOT DATE = 12/8/2016	CHECKED -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
		DATE -	REVISED -								

CONTRACT NO. 70C41

ILLINOIS FED. AID PROJECT

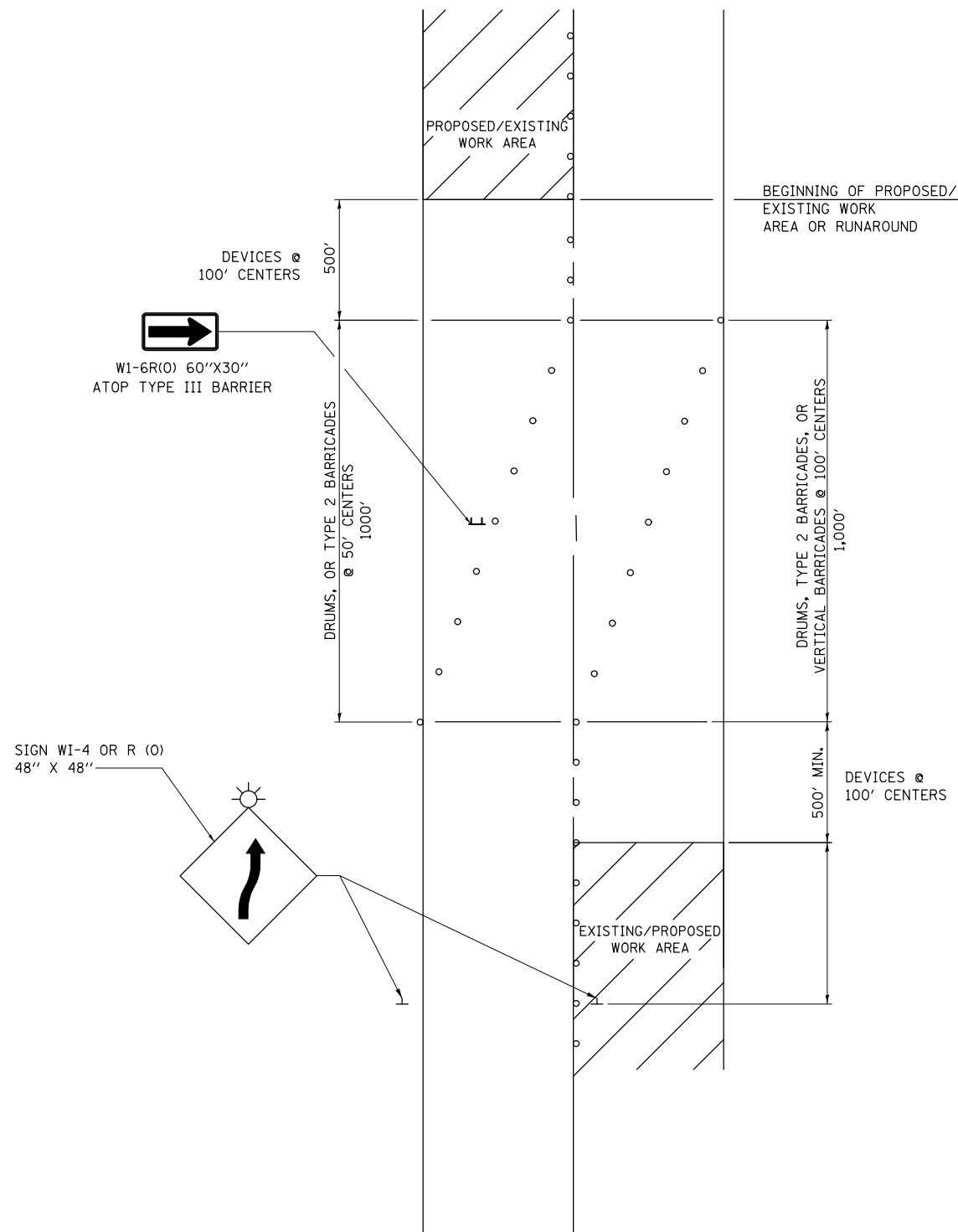
SCHEDULE OF QUANTITIES

I-57 NORTHBOUND CLASS B 15" PATCHES										
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44201031 TYPE II 15.0" (SQ YD)	44201299 DOWEL BARS 1 1/2" (EACH)	44213200 SAW CUTS (FT)
CHAMPAIGN	RURAL	368+02.94	224.477	NB	DL	6	12	8.0	20	48.0
CHAMPAIGN	RURAL	435+82.46	225.761	NB	DL	12	12	0.0	20	60.0
SUB-TOTALS=								8.0	40.0	108.0
I-57 SOUTHBOUND CLASS B 15" PATCHES										
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44201031 TYPE II 15.0" (SQ YD)	44201299 DOWEL BARS 1 1/2" (EACH)	44213200 SAW CUTS (FT)
CHAMPAIGN	URBAN	531+17.77	235.961	SB	DL	6	12	8.0	20	48.0
SUB-TOTALS=								8.0	20.0	48.0
TOTALS=								16.0	60.0	156.0
CHAMPAIGN CO. I-57 URBAN TOTALS =								8.0	20.0	48.0
CHAMPAIGN CO. I-57 RURAL TOTALS =								8.0	40.0	108.0

I-74 EASTBOUND CLASS B 14" PATCHES														
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44201019 TYPE II 14.0" (SQ YD)	44201023 TYPE III 14.0" (SQ YD)	44201025 TYPE IV 14.0" (SQ YD)	44201299 DOWEL BARS 1 1/2" (EACH)	44213200 SAW CUTS (FT)	44213204 TIE BARS 3/4" (EACH)	44200050 WELDED WIRE REINFORCEMENT (SQ YD)
VERMILION	URBAN	1917+18.48	214.141	EB	PL	40	12	0.0	0.0	53.3	40	116.0	20	53.3
VERMILION	URBAN	1917+92.40	214.155	EB	PL	20	12	0.0	0.0	26.7	30	76.0	10	26.7
VERMILION	URBAN	1927+42.80	214.335	EB	DL	6	12	8.0	0.0	0.0	20	48.0	0	0.0
VERMILION	URBAN	1935+98.16	214.497	EB	DL	6	12	8.0	0.0	0.0	20	48.0	0	0.0
VERMILION	URBAN	1938+56.88	214.546	EB	DL	6	12	8.0	0.0	0.0	20	48.0	0	0.0
SUB-TOTALS=								24.0	0.0	80.0	130.0	336.0	30.0	80.0
I-74 WESTBOUND CLASS B 14" PATCHES														
COUNTY	URBAN/ RURAL	STATION	MILEPOST	DIRECTION	LANE	LENGTH (FT)	WIDTH (FT)	44201019 TYPE II 14.0" (SQ YD)	44201023 TYPE III 14.0" (SQ YD)	44201025 TYPE IV 14.0" (SQ YD)	44201299 DOWEL BARS 1 1/2" (EACH)	44213200 SAW CUTS (FT)	44213204 TIE BARS 3/4" (EACH)	44200050 WELDED WIRE REINFORCEMENT (SQ YD)
VERMILION	URBAN	1942+31.76	214.617	WB	DL	20	12	0.0	0.0	26.7	30	76.0	10	26.7
VERMILION	URBAN	1940+52.24	214.583	WB	DL	6	12	8.0	0.0	0.0	20	48.0	0	0.0
VERMILION	URBAN	1940+36.40	214.580	WB	PL	8	12	10.7	0.0	0.0	20	52.0	0	0.0
VERMILION	URBAN	1938+88.56	214.552	WB	DL	10	12	13.3	0.0	0.0	20	56.0	0	0.0
VERMILION	URBAN	1938+51.60	214.545	WB	DL	6	12	8.0	0.0	0.0	20	48.0	0	0.0
VERMILION	URBAN	1938+35.76	214.542	WB	DL	6	12	8.0	0.0	0.0	20	48.0	0	0.0
VERMILION	URBAN	1937+24.88	214.521	WB	PL	8	12	10.7	0.0	0.0	20	52.0	0	0.0
VERMILION	URBAN	1936+50.96	214.507	WB	PL	20	12	0.0	0.0	26.7	30	76.0	10	26.7
VERMILION	URBAN	1936+24.56	214.502	WB	DL	6	12	8.0	0.0	0.0	20	48.0	0	0.0
VERMILION	URBAN	1936+03.44	214.498	WB	DL	10	12	13.3	0.0	0.0	20	56.0	0	0.0
VERMILION	URBAN	1935+08.40	214.480	WB	PL	12	12	0.0	16.0	0.0	20	60.0	0	16.0
VERMILION	URBAN	1935+03.12	214.479	WB	DL	15	12	0.0	20.0	0.0	20	66.0	0	20.0
VERMILION	URBAN	1934+29.20	214.465	WB	PL	20	12	0.0	0.0	26.7	30	76.0	10	26.7
VERMILION	URBAN	1931+96.88	214.421	WB	DL	20	12	0.0	0.0	26.7	30	76.0	10	26.7
VERMILION	URBAN	1930+96.56	214.402	WB	DL	6	12	8.0	0.0	0.0	20	48.0	0	0.0
VERMILION	URBAN	1929+59.28	214.376	WB	DL	6	12	8.0	0.0	0.0	20	48.0	0	0.0
VERMILION	URBAN	1927+69.20	214.340	WB	DL	6	12	8.0	0.0	0.0	20	48.0	0	0.0
VERMILION	URBAN	1924+84.08	214.286	WB	DL	12	12	0.0	16.0	0.0	20	60.0	0	16.0
VERMILION	URBAN	1923+20.40	214.255	WB	DL	8	12	10.7	0.0	0.0	20	52.0	0	0.0
VERMILION	URBAN	1922+88.72	214.249	WB	DL	8	12	10.7	0.0	0.0	20	52.0	0	0.0
VERMILION	URBAN	1922+20.08	214.236	WB	DL	6	12	8.0	0.0	0.0	20	48.0	0	0.0
VERMILION	URBAN	1921+19.76	214.217	WB	DL	6	12	8.0	0.0	0.0	20	48.0	0	0.0
VERMILION	URBAN	1920+03.60	214.195	WB	DL	8	12	10.7	0.0	0.0	20	52.0	0	0.0
VERMILION	URBAN	1915+75.92	214.114	WB	DL	8	12	10.7	0.0	0.0	20	52.0	0	0.0
SUB-TOTALS=								162.7	52.0	106.7	520.0	1346.0	40.0	158.7
TOTALS=								186.7	52.0	186.7	650.0	1682.0	70.0	238.7
VERMILION COUNTY I-74 URBAN TOTALS=								187.0	52.0	187.0	650.0	1682.0	70.0	239.0

•CHAMPAIGN, DOUGLAS, & VERMILION
•57, 72, & 74

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBID\INTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 5\Projects\0579\DRAWING\Design\0579C41-sht-schedules.dwg		CHECKED -	REVISED -			••	D5 CM PATCHING 2017-3	*	29	32	
\$MODELNAME\$	PLOT DATE = 12/8/2016	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
						ILLINOIS FED. AID PROJECT CONTRACT NO. 70C41					



- 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 & VERMILION
•57, 72, & 74

DISTRICT 5 DETAIL NO. 70100100

FILE NAME =	USER NAME = carrollrt	DESIGNED - 1/11	REVISED - 06/14
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/8/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	D5 CM PATCHING 2017-3	•	32	32
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 70C41	