

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55 & 74	D5 CM PATCHING 2024-1	MCLEAN	20	1
		ILLINOIS	CONTRACT NO. 70G83	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED
HIGHWAY PLANS

FAI ROUTE 55 & 74 (I-55 & I-74)
SECTION D5 CM PATCHING 2024-1
PATCHING
MCLEAN COUNTY

CURRENT TRAFFIC DATA FOR I-55

	LEG "A"	LEG "B"	LEG "C"	LEG "D"	LEG "E"
2022 ADT	22300	23000	44400	24600	22500
P.U. %	66.9	67.9	67.3	68.8	67.8
S.U. %	3.1	3	3.4	3.8	4.6
M.U. %	30	29.1	29.3	27.4	27.6

LEG "A" I-55 FROM LOGAN COUNTY LINE TO US 136
LEG "B" I-55 FROM US 136 TO CH34
LEG "C" I-55 FROM I-74 TO IL 9/MARKET ST
LEG "D" I-55 FROM VETERAN'S PKWY TO TOWANDA
LEG "E" I-55 FROM TOWANDA TO LEXINGTON

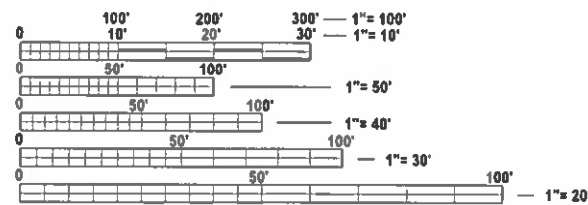
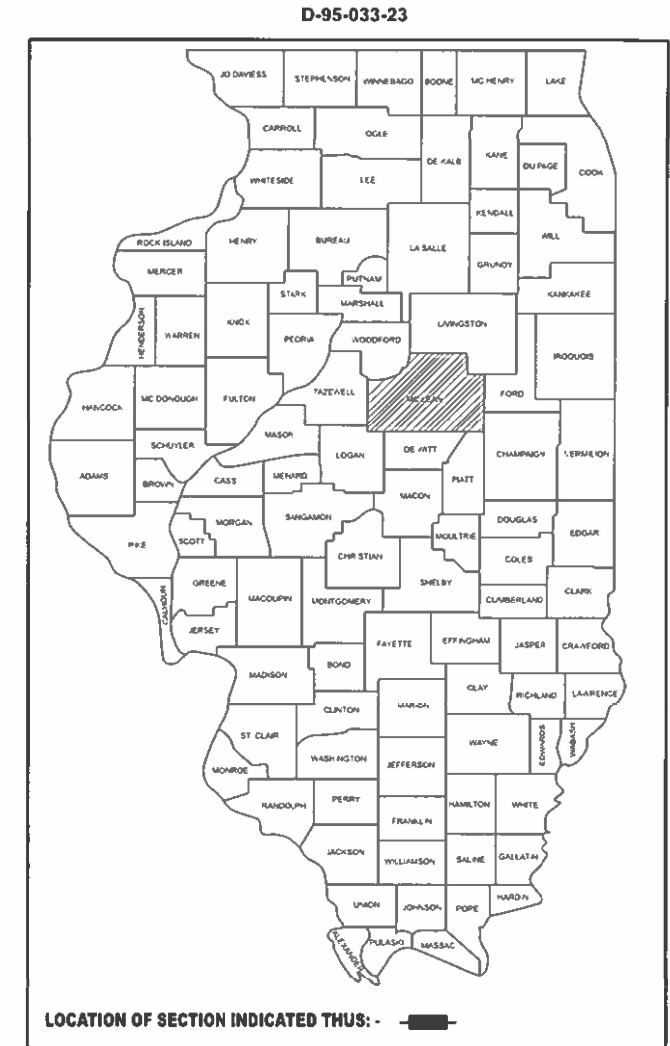
CURRENT TRAFFIC DATA FOR I-74

	LEG "A"	LEG "B"	LEG "C"	LEG "D"
2022 ADT	22700	18300	22200	23400
P.U. %	62.1	59.1	65.5	57.1
S.U. %	5.3	3.7	4.3	5.1
M.U. %	32.6	37.2	30.2	27.8

LEG "A" I-74 FROM I-55 TO US 51
LEG "B" I-74 FROM US 51 TO DOWNS
LEG "C" I-74 FROM DOWNS TO FARMER CITY
LEG "D" I-74 FROM FARMER CITY TO CHAMPAIGN COUNTY LINE

C-95-066-23
(I-55) 0.3 MI SW OF AIRPORT RD TO N OF TURKEY CREEK W OF LEXINGTON; (I-55) 0.2 MI S OF SIX POINTS RD TO UP RR;
(I-74) VETERANS PRKWY TO 1 MI S OF CHESTNUT ST SW OF LEROY; (I-74) CARLOCK TO I-55 N OF BLOOMINGTON; (I-74) AT CARLOCK WEIGH STATION RAMPS

FOR LOCATION MAPS, SEE SHEETS NO. 3 AND 4



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
TOWNSHIPS: DRY GROVE, BLOOMINGTON, DOWNS, EMPIRE, OLD TOWN, TOWANDA, & MONEY CREEK

PROJECT ENGINEER: RYAN CARROLL
SQUAD LEAD: CLARE DIETZ
DESIGNER: TRAVIS HOLLINGSWORTH
PHONE: 217-465-4181
CONTRACT NO. 70G83

GROSS LENGTH = 162,175.01 FT. = 30.715 MILE
NET LENGTH = 162,175.01 FT. = 30.715 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 11 20 23
[Signature]
REGIONAL ENGINEER

June 30, 2023 [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

June 30, 2023 [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF HIGHWAY STANDARDS
2	GENERAL NOTES
3-4	PROJECT LAYOUT MAP
5-7	SUMMARY OF QUANTITIES
8-14	TYPICAL CROSS SECTIONS
15-18	SCHEDULE OF QUANTITIES
19-20	CLASS A PATCHES (SPECIAL)

GENERAL NOTES

G.N.-100A
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-780 (SPL)
PAVEMENT MARKING FOR THIS PROJECT IS TO BE PERFORMED BY OTHERS, FIELD PERSONNEL SHALL NOTIFY GARY SIMS, DISTRICT 5 TRAFFIC OPERATIONS ENGINEER AT (217) 465-4181 WHEN THE PROJECT IS COMPLETE AND READY FOR PAVEMENT MARKINGS.

HIGHWAY STANDARDS

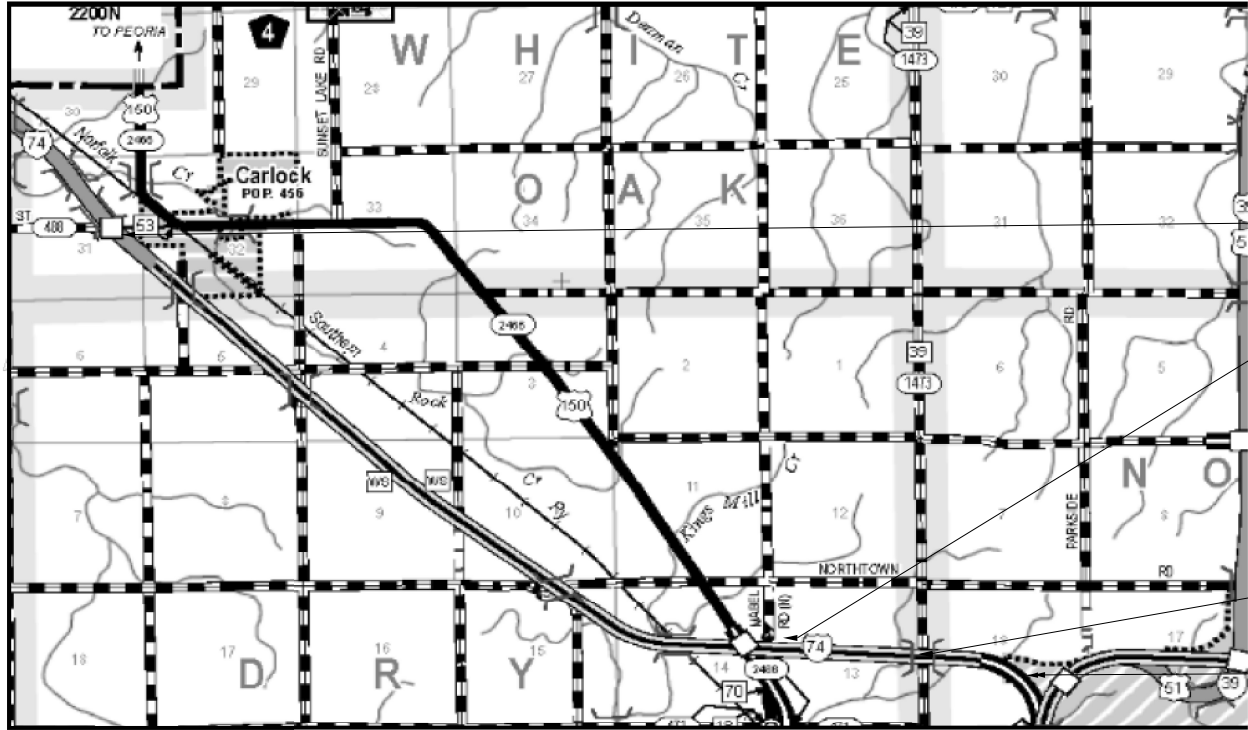
STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
442101-09	CLASS B PATCHES
701400-11	APPROACH TO LANE CLOSURES, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
701428-01	TRAFFIC CONTROL SETUP/REMOVAL, FREEWAY/EXPRESSWAY
701446-11	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701451-05	RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-08	TRAFFIC CONTROL DEVICES

NO COMMITMENTS

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DRAWN -	REVISED -	55 & 74			D5 CM PATCHING 2024-1	MCLEAN	20	2	
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -			CONTRACT NO. 70G83				
PLOT DATE = 5/11/2023	DATE -	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

LOCATION MAP

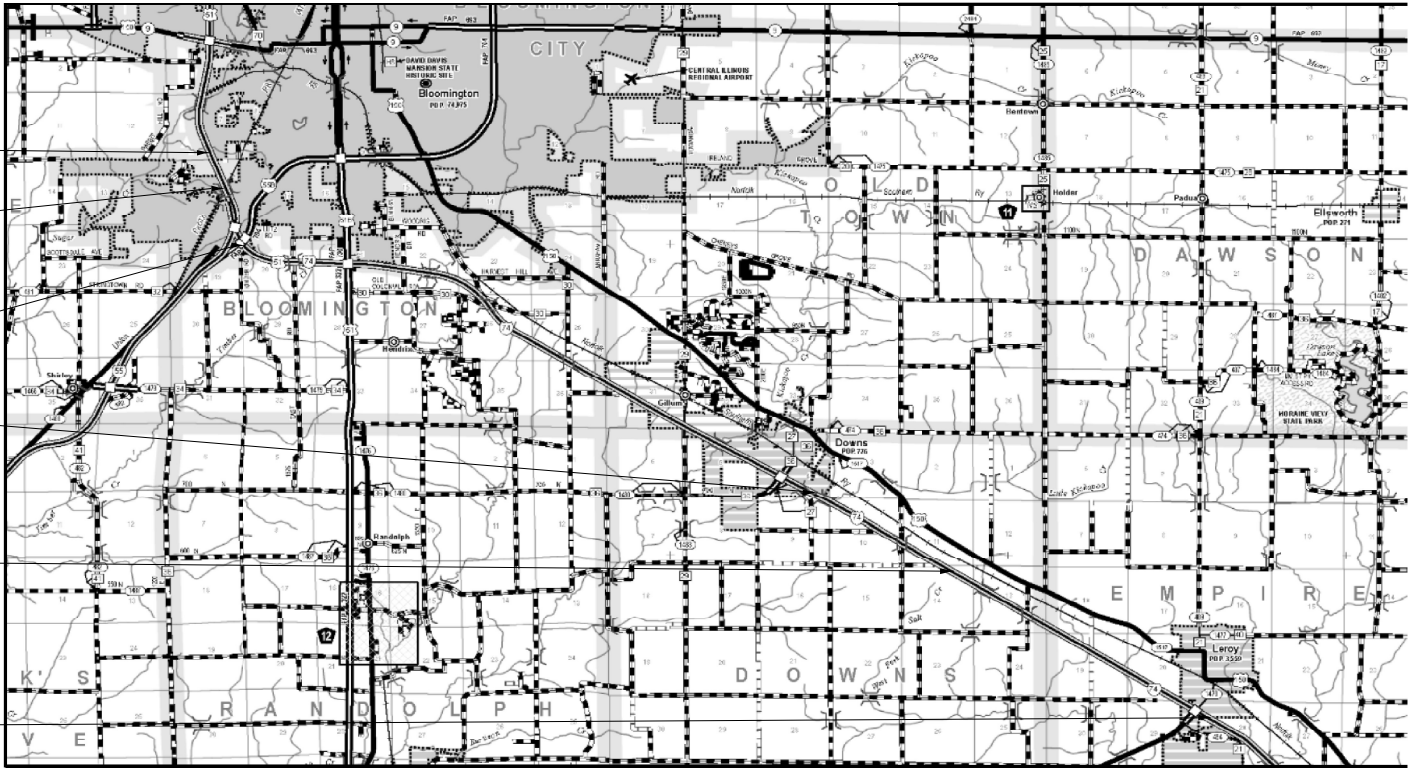
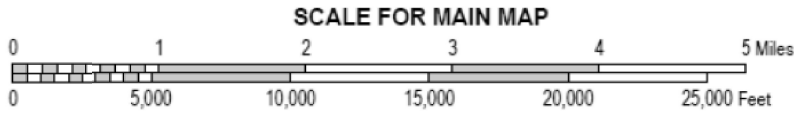


LOC. 3 START STA. 1617+39.56

STATION EQUATION:
1810+00(BK) =
188+89.99 (AH)

URBAN / RURAL SPLIT
STA. 247+17.50

LOC. 3 STOP STA. 257+22.31



LOC. 1 START STA. 580+51

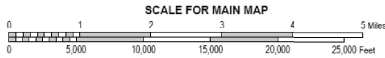
LOC. 1 END STA. 590+30

LOC. 4 START STA. 834+79.67

URBAN / RURAL SPLIT
STA. 1136+00

STATION EQUATION:
STA. 1241+13.89 (BK) =
STA. 100+00.00 (AH)

LOC. 4 END STA. 361+98.33



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PLOT DATE = 5/11/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55 & 74	D5 CM PATCHING 2024-1	MCLEAN	20	3
CONTRACT NO. 70G83				
ILLINOIS FED. AID PROJECT				

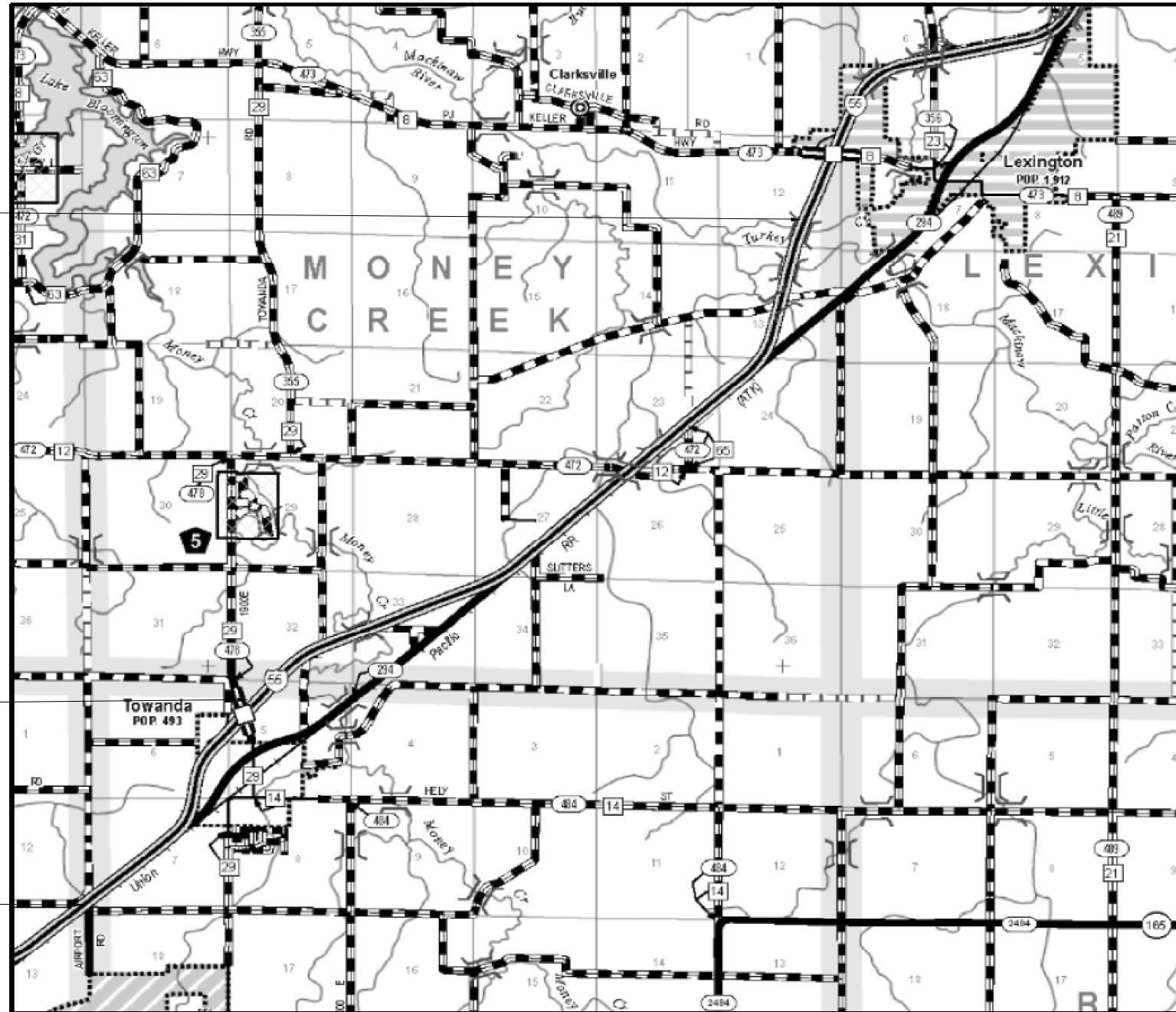
LOCATION MAP



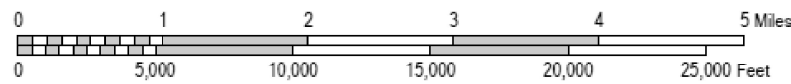
LOC. 2 STOP STA. 615+13.83

URBAN / RURAL SPLIT
STA. 279+78.00

LOC. 2 START STA. 128+69.60



SCALE FOR MAIN MAP



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PLOT DATE = 5/11/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. ___+___ TO STA. ___+___

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55 & 74	D5 CM PATCHING 2024-1	MCLEAN	20	4
CONTRACT NO. 70G83				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

LOCATION OF WORK: FUNDING BREAKOUT: CONSTRUCTION TYPE CODE:	FAI 55 (I-55) INTERSTATE URBAN 114+50.00 TO STA. 590+30 8+69.60 TO STA. 263+62.07 MCLEAN 100% STATE 0006	FAI 55 (I-55) INTERSTATE RURAL 8+03.54 TO STA. 615+13.83 MCLEAN 100% STATE 0006	FAI 74 (I-74) INTERSTATE RURAL 1617+39.56 TO STA. 1705 3+20.45 TO STA. 361+98.33 MCLEAN 100% STATE 0006	FAI 74 (I-74) INTERSTATE URBAN 1008+62.95 STA. 257+22.31 MCLEAN 100% STATE 0006
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	14.00	3.50	3.50	3.50	3.50
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56.00	14.00	14.00	14.00	14.00
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1.00	1.00			
X1700052	CLASS A PATCHES, TYPE II, 12 INCH (SPECIAL)	SQ YD	41.00	12.00	29.00		
X1700054	CLASS A PATCHES, TYPE I, 13 INCH (SPECIAL)	SQ YD	4.00			4.00	
X1700058	CLASS A PATCHES, TYPE I, 17 INCH (SPECIAL)	SQ YD	4.00				4.00
X1700059	CLASS A PATCHES, TYPE II, 17 INCH (SPECIAL)	SQ YD	83.00			24.00	59.00
X1700060	CLASS A PATCHES, TYPE III, 17 INCH (SPECIAL)	SQ YD	48.00	48.00			
X1700079	CLASS A PATCHES, TYPE III, 12 INCH (SPECIAL)	SQ YD	64.00	16.00	48.00		
X1700116	CLASS A PATCHES, TYPE I, 12 INCH (SPECIAL)	SQ YD	40.00	12.00	28.00		
X4420579	CLASS A PATCHES, TYPE IV, 12 INCH (SPECIAL)	SQ YD	684.00	577.00	107.00		
X4420619	CLASS A PATCHES, TYPE I, 14 INCH (SPECIAL)	SQ YD	16.00	16.00			
X4420621	CLASS A PATCHES, TYPE II, 14 INCH (SPECIAL)	SQ YD	28.00	28.00			
X4420624	CLASS A PATCHES, TYPE III, 14 INCH (SPECIAL)	SQ YD	53.00	17.00			36.00
* DENOTES SPECIALTY ITEM							

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PLOT DATE = 5/11/2023	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55 & 74	D5 CM PATCHING 2024-1	MCLEAN	20	6
CONTRACT NO. 70G83				
ILLINOIS FED. AID PROJECT				

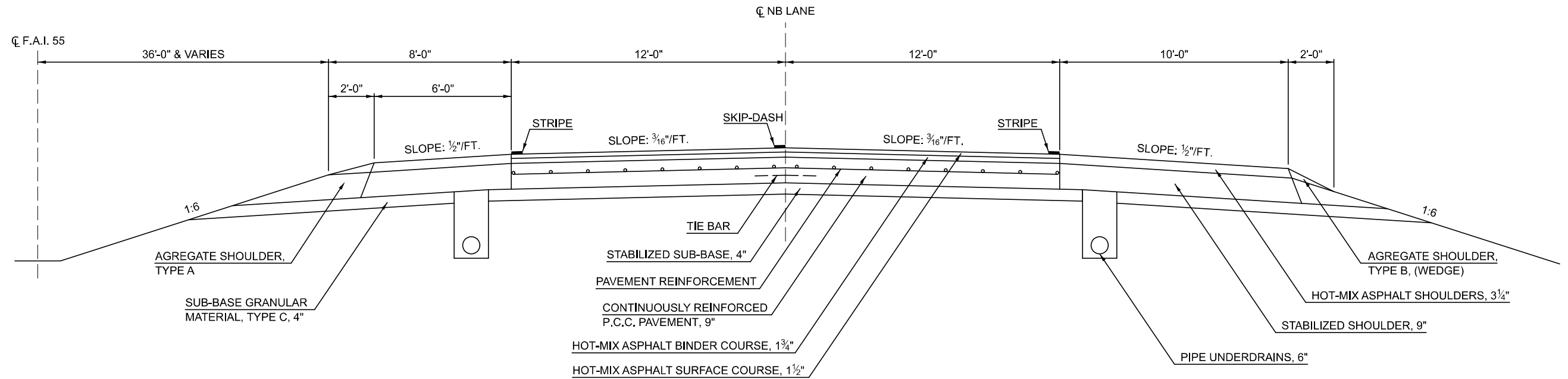
LOCATION 2

2 EXISTING TYPICAL CROSS SECTION F.A.I. - 55 NORTHBOUND

STATION TO STATION
117+48.72 625+10.00

STRUCTURE OMISSIONS

STA. 322+29.14 TO STA. 324+20.42; S.N. 057-0164
STA. 586+62.13 TO STA. 590+12.86; S.N. 057-0167
STA. 607+07.74 TO STA. 609+99.07; S.N. 057-0170



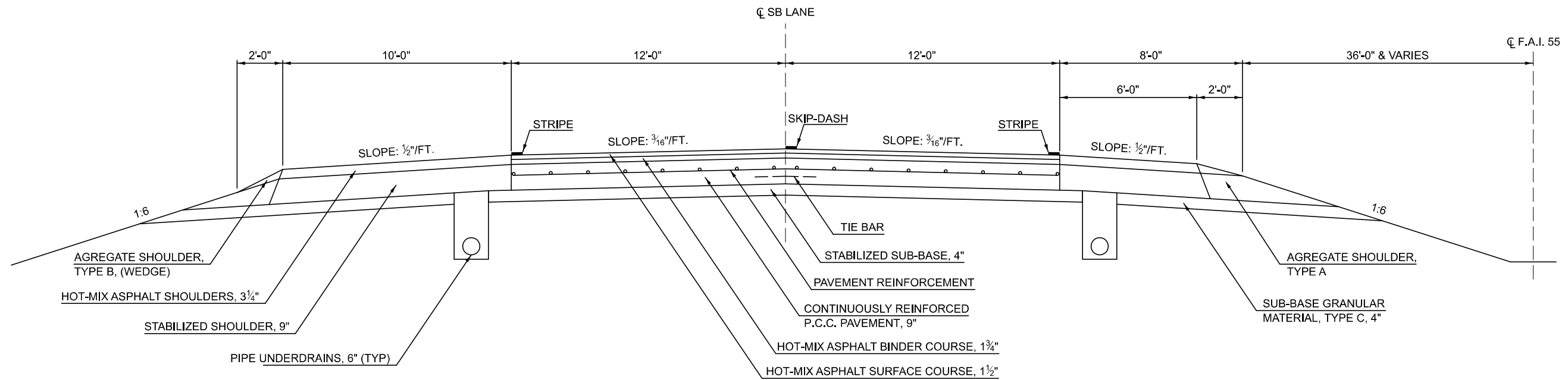
LOCATION 2

3 EXISTING TYPICAL CROSS SECTION F.A.I. - 55 SOUTHBOUND

STATION TO STATION
126+60.28 620+37.00

STRUCTURE OMISSIONS

STA. 321+69.58 TO STA. 323+60.86; S.N. 057-0163
STA. 586+62.13 TO STA. 590+12.86; S.N. 057-0168
STA. 606+71.74 TO STA. 609+99.07; S.N. 057-0169



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL CROSS SECTIONS

SCALE: 1"=20' SHEET 2 OF 7 SHEETS STA. ___+___ TO STA. ___+___

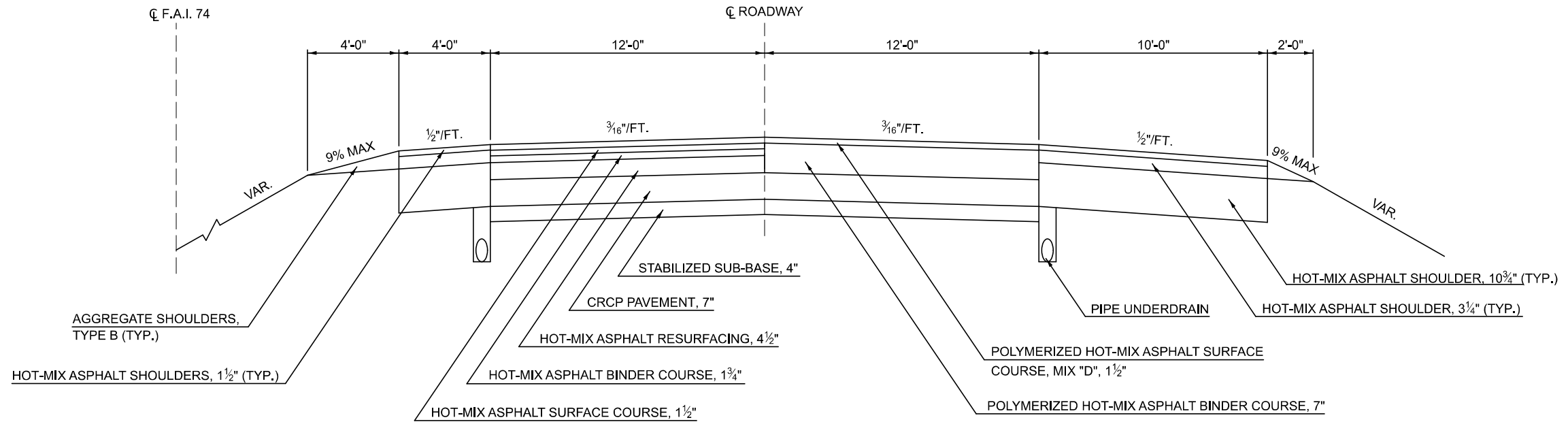
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55 & 74	D5 CM PATCHING 2024-1	MCLEAN	20	9
CONTRACT NO. 70G83				
ILLINOIS FED. AID PROJECT				

LOCATION 3

4 EXISTING TYPICAL CROSS SECTION F.A.I. - 74

STRUCTURE OMISSIONS
 E.B. - STA. 1782+89.02 TO STA. 1785+81.99; S.N. 057-0045
 W.B. - STA. 1782+01.42 TO STA. 1784+94.39; S.N. 057-0046

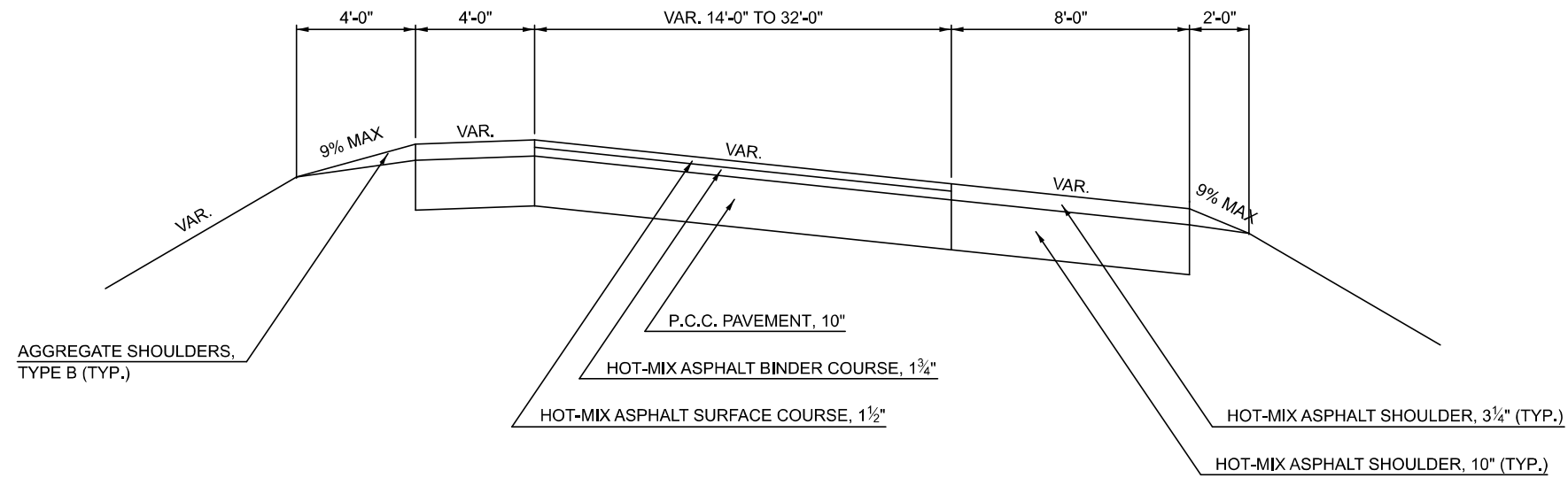
STATION TO STATION
 (E.B. & W.B.) 1554+47.00 1810+00.00 (BK)
 (E.B. & W.B.) (AH) 180+89.99 * 270+35.80 I-74 / US 51 & I-55 RAMP B * E.B. I-74 ENDS STA. 262+00.00 (RAMP B)



LOCATION 3

5 EXISTING TYPICAL CROSS SECTION CARLOCK WEIGH STATION

STATION TO STATION
 W.B. 6+72.50 16+63.51
 19+33.39 29+37.35
 E.B. 6+72.59 16+61.64
 19+31.52 29+71.11



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL CROSS SECTIONS

SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. ___+___ TO STA. ___+___

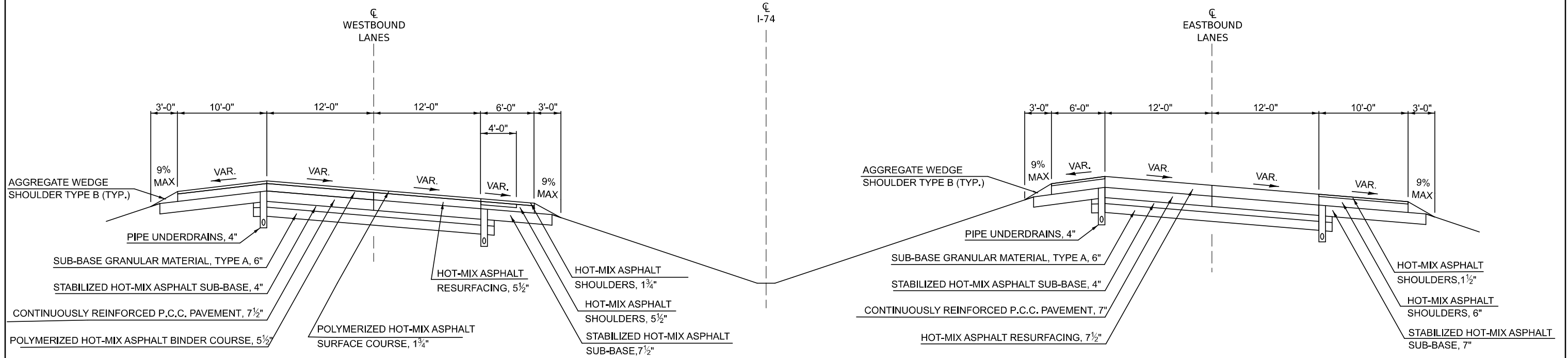
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55 & 74	D5 CM PATCHING 2024-1	MCLEAN	20	10
CONTRACT NO. 70G83				
ILLINOIS FED. AID PROJECT				

LOCATION 4

**6 EXISTING TYPICAL CROSS SECTION
F.A.I - 74**

WESTBOUND LANES
 STATION TO STATION
 782+93.91 784+93.91 (S.E. TRANSITION)
 784+93.91 829+11.75

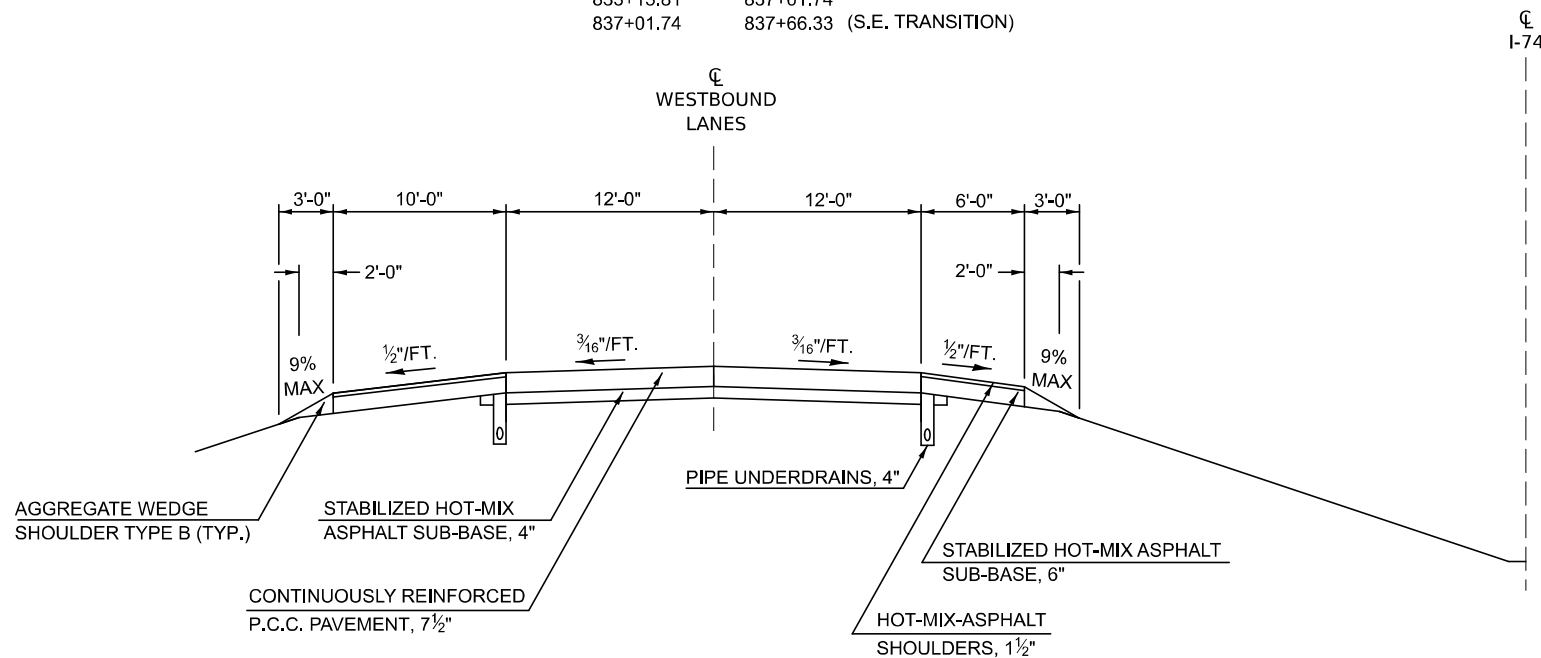
EASTBOUND LANES
 STATION TO STATION
 782+93.91 784+93.91 (S.E. TRANSITION)
 784+93.91 831+00.10
 831+00.10 833+00.10 (S.E. TRANSITION)



LOCATION 4

**7 EXISTING TYPICAL CROSS SECTION
F.A.I - 74 WESTBOUND**

STATION TO STATION
 829+11.75 831+13.81
 831+13.81 833+13.81 (S.E. TRANSITION)
 833+13.81 837+01.74
 837+01.74 837+66.33 (S.E. TRANSITION)



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL CROSS SECTIONS

SCALE: 1"=20' SHEET 4 OF 7 SHEETS STA. ___+___ TO STA. ___+___

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55 & 74	D5 CM PATCHING 2024-1	MCLEAN	20	11
CONTRACT NO. 70G83				
ILLINOIS FED. AID PROJECT				

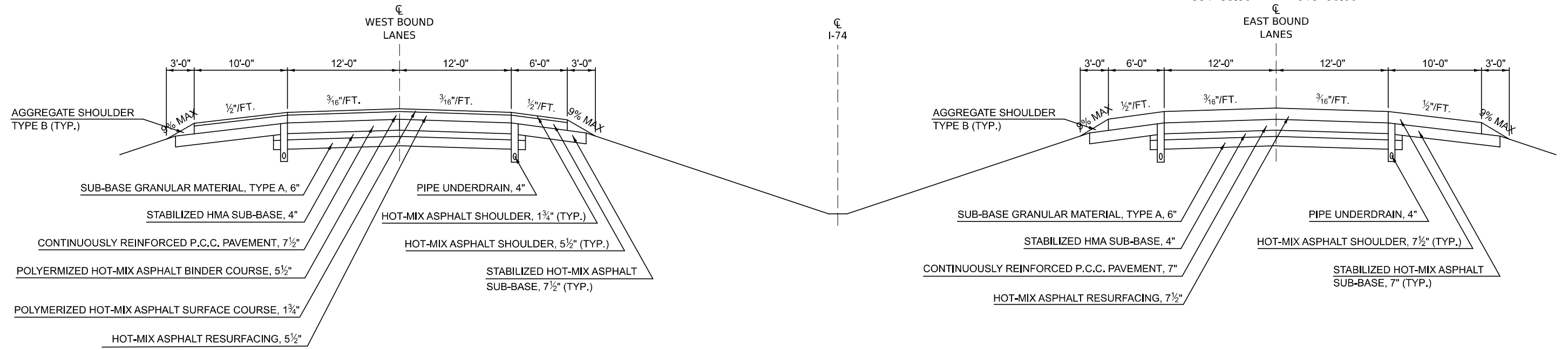
LOCATION 4

8 EXISTING TYPICAL CROSS SECTION

F.A.I - 74

WESTBOUND LANES
STATION TO STATION
864+88.30 918+50.00

EASTBOUND LANES
STATION TO STATION
833+00.10 837+01.74
884+88.30 918+50.00



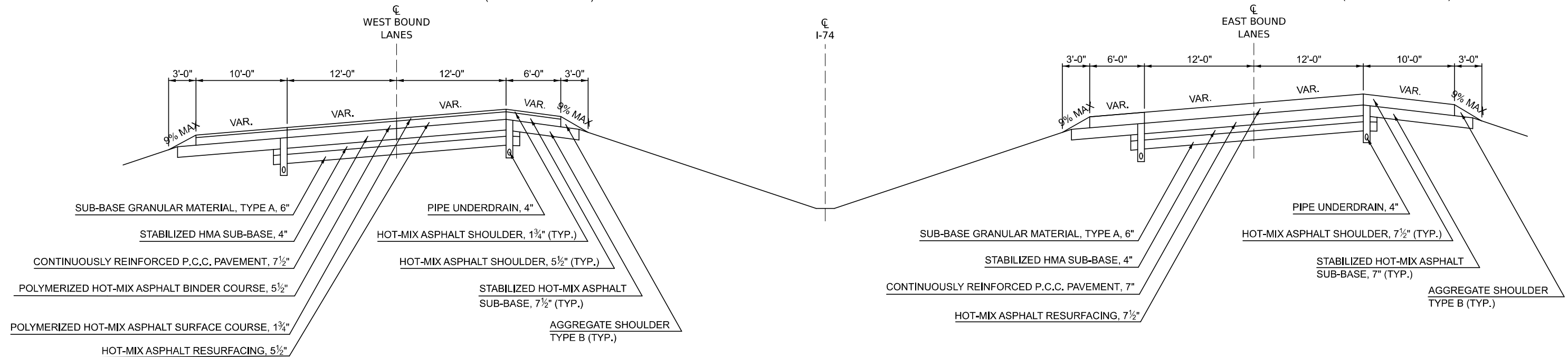
LOCATION 4

9 EXISTING TYPICAL CROSS SECTION

F.A.I - 74

WESTBOUND LANES
STATION TO STATION
837+66.33 839+01.74 (S.E. TRANSITION)
839+01.74 862+88.30
862+88.30 864+88.30 (S.E. TRANSITION)

EASTBOUND LANES
STATION TO STATION
837+01.74 839+01.74 (S.E. TRANSITION)
839+01.74 862+88.30
862+88.30 864+88.30 (S.E. TRANSITION)



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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL CROSS SECTIONS

SCALE: 1"=20' SHEET 5 OF 7 SHEETS STA. ___+___ TO STA. ___+___

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55 & 74	D5 CM PATCHING 2024-1	MCLEAN	20	12
CONTRACT NO. 70G83				
ILLINOIS FED. AID PROJECT				

LOCATION 4

10

EXISTING TYPICAL CROSS SECTION

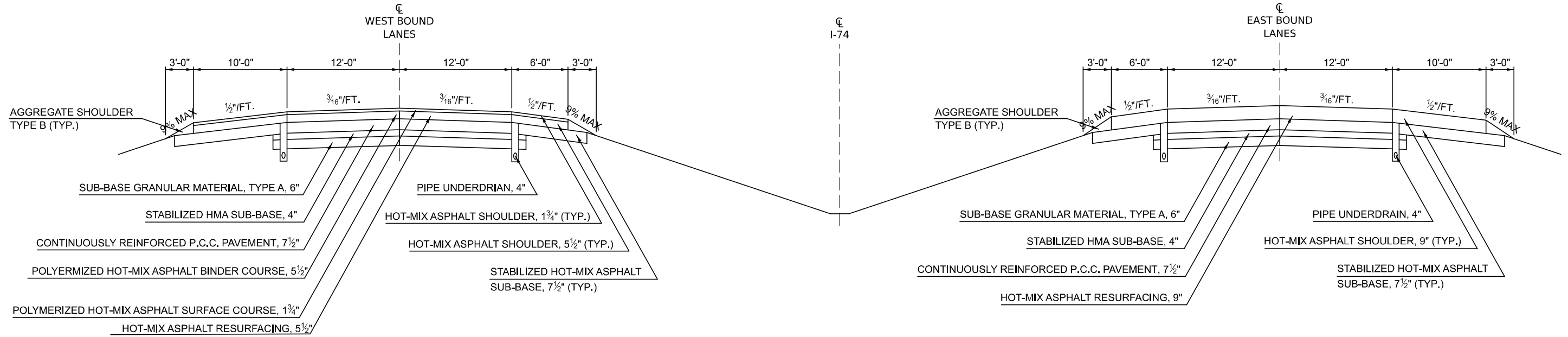
F.A.I - 74

WESTBOUND LANES

STATION TO STATION
918+50.00 1037+74.25

EASTBOUND LANES

STATION TO STATION
918+50.00 1037+74.25



LOCATION 4

11

EXISTING TYPICAL CROSS SECTION

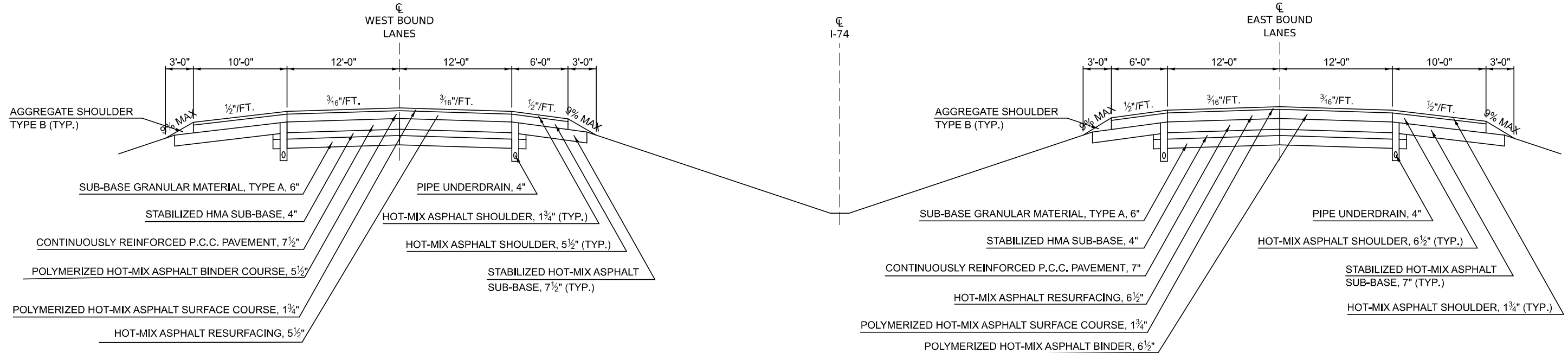
F.A.I - 74

WESTBOUND LANES

STATION TO STATION
1037+74.25 1040+25.75 (OMISSION SN 057-0126)
1040+25.75 1111+00.00

EASTBOUND LANES

STATION TO STATION
1037+74.25 1040+25.75 (OMISSION SN 057-0126)
1040+25.75 1111+00.00



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTIONS

SCALE: 1"=20' SHEET 6 OF 7 SHEETS STA. ___+___ TO STA. ___+___

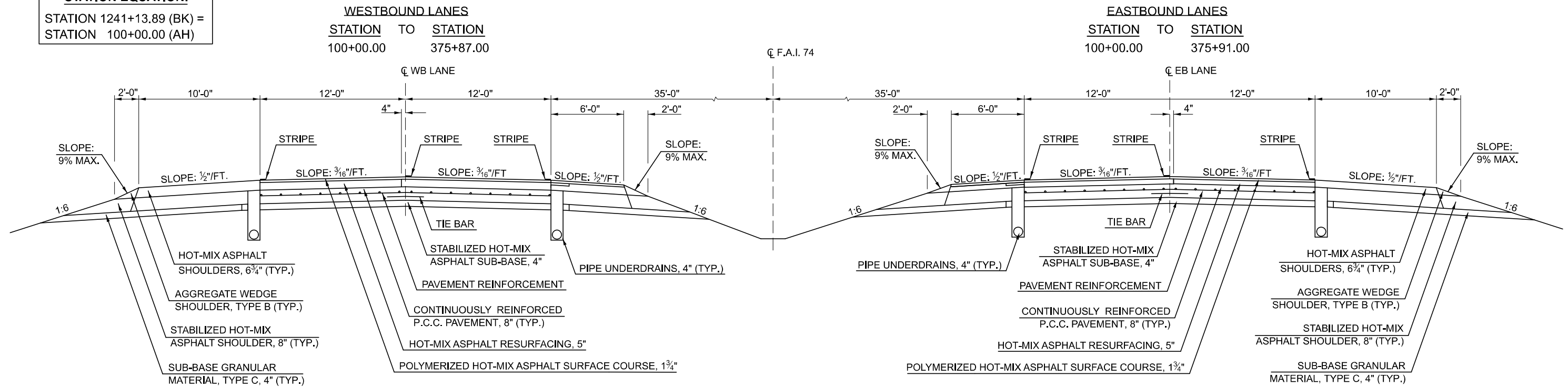
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55 & 74	D5 CM PATCHING 2024-1	MCLEAN	20	13
CONTRACT NO. 70G83				
ILLINOIS FED. AID PROJECT				

LOCATION 4

12 EXISTING TYPICAL CROSS SECTION F.A.I - 74

STRUCTURE OMISSIONS
(W.B.): STATION 375+86.78 TO STATION 377+84.12: S.N.057-0134
(E.B.): STATION 375+90.86 TO STATION 377+88.22: S.N. 057-0133

STATION EQUATION:
STATION 1241+13.89 (BK) =
STATION 100+00.00 (AH)



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PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -
PLOT DATE = 5/11/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL CROSS SECTIONS

SCALE: 1"=20' SHEET 7 OF 7 SHEETS STA. ___+___ TO STA. ___+___

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55 & 74	D5 CM PATCHING 2024-1	MCLEAN	20	14
CONTRACT NO. 70G83				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

I-55

URBAN LOCATION 1 I-55 MCLEAN COUNTY							W OF BLOOMINGTON						
STATION	TYPICAL NO.	DIRECTION	LANE	LENGTH FT	WIDTH FT	AREA SQYD	CLASS A PATCHES, TYPE I, 14 INCH SPECIAL (SQ YD) X4420619	CLASS A PATCHES, TYPE II, 14 INCH SPECIAL (SQ YD) X4420621	CLASS A PATCHES, TYPE III, 14 INCH SPECIAL (SQ YD) X4420624	CLASS A PATCHES, TYPE IV, 14 INCH SPECIAL (SQ YD) X4420628	PATCH REINFORCEMENT (SQ YD) 44213000	SAW CUTS (FT) 44213200	TIE BARS 3/4" (EACH) 44213204
580+51	1	SB	DL	25.00	6.00	16.67	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
581.28	1	SB	DL	6.00	6.00	4.00	4.00				4.00	30.00	10.00
582.38	1	SB	CENTER LANE	6.00	6.00	4.00	4.00				4.00	24.00	10.00
583.86	1	SB	CENTER LANE	24.00	12.00	32.00				32.00	32.00	72.00	38.00
584.58	1	SB	CENTER LANE	6.00	6.00	4.00	4.00				4.00	24.00	10.00
585.04	1	SB	DL	15.00	6.00	10.00		10.00			10.00	57.00	10.00
585.05	1	SB	CENTER LANE	16.00	6.00	10.67		10.67			10.67	44.00	10.00
586.52	1	SB	CENTER LANE	6.00	6.00	4.00	4.00				4.00	24.00	10.00
590+30	1	SB	CENTER LANE	10.00	6.00	6.67		6.67			6.67	32.00	10.00
LOCATION 1 SUBTOTALS							16.0	27.3	16.7	32.0	92.0	364.0	135.0
LOCATION 1 TOTALS USE:							16.0	28.0	17.0	32.0	92.0	364.0	135.0

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	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 5/11/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. ___+___ TO STA. ___+___

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55 & 74	D5 CM PATCHING 2024-1	MCLEAN	20	15
CONTRACT NO. 70G83				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

I-55

URBAN LOCATION 2 I-55 MCLEAN COUNTY NE OF BLOOMINGTON							CLASS A PATCHES, TYPE I, 12 INCH SPECIAL (SQ YD)	CLASS A PATCHES, TYPE II, 12 INCH SPECIAL (SQ YD)	CLASS A PATCHES, TYPE III, 12 INCH SPECIAL (SQ YD)	CLASS A PATCHES, TYPE IV, 12 INCH SPECIAL (SQ YD)	PATCH REINFORCEMENT (SQ YD)	SAW CUTS (FT)	TIE BARS 3/4" (EACH)
STATION	DIRECTION	TYPICAL NO.	LANE	LENGTH FT	WIDTH FT	AREA SQYD	X1700116 URBAN	X1700052 URBAN	X1700079 URBAN	X4420579 URBAN	44213000 URBAN	44213200 URBAN	44213204 URBAN
128+69.60	NB	2	DL	6.00	6.00	4.00	4.00				4.00	24.00	10.00
129+75.20	NB	2	DL	6.00	6.00	4.00	4.00				4.00	24.00	10.00
240+08.51	NB	2	DL	6.00	6.00	4.00	4.00				4.00	24.00	10.00
240+15.01	NB	2	RAMP	420.00	6.00	280.00				280.00	280.00	852.00	150.00
LOCATION 2 NORTHBOUND URBAN SUBTOTALS							12.00			280.00	292.00	924.00	180.00
202+22.54	SB	3	DL	75.00	6.00	50.00				50.00	50.00	162.00	35.00
251+77.17	SB	3	DL	24.00	6.00	16.00			16.00		16.00	60.00	18.00
255+76.91	SB	3	DL	200.00	6.00	133.33				133.33	133.33	412.00	77.00
258+24.83	SB	3	DL	105.00	6.00	70.00				70.00	70.00	222.00	45.00
260+82.32	SB	3	DL	10.00	6.00	6.67		6.67			6.67	32.00	10.00
262+38.91	SB	3	DL	65.00	6.00	43.33				43.33	43.33	142.00	32.00
263+62.07	SB	3	DL	8.00	6.00	5.33		5.33			5.33	28.00	10.00
LOCATION 2 SOUTHBOUND URBAN SUBTOTALS								12.00	16.00	296.66	324.66	1,058.00	227.00
LOCATION 2 URBAN SUBTOTALS							12.0	12.0	16.0	576.7	616.7	1,982.0	407.0
LOCATION 2 URBAN TOTALS USE:							12.0	12.0	16.0	577.0	617.0	1,982.0	407.0

RURAL LOCATION 2 I-55 MCLEAN COUNTY NE OF BLOOMINGTON							CLASS A PATCHES, TYPE I, 12 INCH SPECIAL (SQ YD)	CLASS A PATCHES, TYPE II, 12 INCH SPECIAL (SQ YD)	CLASS A PATCHES, TYPE III, 12 INCH SPECIAL (SQ YD)	CLASS A PATCHES, TYPE IV, 12 INCH SPECIAL (SQ YD)	PATCH REINFORCEMENT (SQ YD)	SAW CUTS (FT)	TIE BARS 3/4" (EACH)
STATION	DIRECTION	TYPICAL NO.	LANE	LENGTH FT	WIDTH FT	AREA SQYD	X1700116 RURAL	X1700052 RURAL	X1700079 RURAL	X4420579 RURAL	44213000 RURAL	44213200 RURAL	44213204 RURAL
288+03.54	NB	2	DL	6.00	6.00	4.00	4.00				4.00	24.00	10.00
385+61.32	NB	2	PL	6.00	6.00	4.00	4.00				4.00	24.00	10.00
420+73.10	NB	2	PL	12.00	12.00	16.00			16.00		16.00	48.00	22.00
542+13.80	NB	2	DL	6.00	6.00	4.00	4.00				4.00	24.00	10.00
LOCATION 2 NORTHBOUND RURAL SUBTOTALS							12.00		16.00		28.00	120.00	52.00
374+77.17	SB	3	DL	9.00	6.00	6.00		6.00			6.00	30.00	10.00
385+68.33	SB	3	DL	8.00	6.00	5.33		5.33			5.33	28.00	10.00
433+79.70	SB	3	DL	90.00	6.00	60.00				60.00	60.00	192.00	40.00
461+37.88	SB	3	PL	6.00	6.00	4.00	4.00				4.00	24.00	10.00
486+44.97	SB	3	DL	6.00	6.00	4.00	4.00				4.00	24.00	10.00
487+05.98	SB	3	DL	6.00	6.00	4.00	4.00				4.00	24.00	10.00
531+93.78	SB	3	DL	8.00	6.00	5.33		5.33			5.33	28.00	10.00
533+87.43	SB	3	DL	24.00	6.00	16.00			16.00		16.00	60.00	18.00
572+65.11	SB	3	DL	6.00	6.00	4.00	4.00				4.00	24.00	10.00
575+00.77	SB	3	DL	24.00	6.00	16.00			16.00		16.00	60.00	18.00
576+56.35	SB	3	DL	18.00	6.00	12.00		12.00			12.00	48.00	10.00
615+13.83	SB	3	DL	35.00	12.00	46.67				46.67	46.67	94.00	34.00
LOCATION 2 SOUTHBOUND RURAL SUBTOTALS							16.00	28.66	32.00	106.67	183.33	636.00	190.00
LOCATION 2 RURAL SUBTOTALS							28.0	28.7	48.0	106.7	211.3	756.0	242.0
LOCATION 2 RURAL TOTALS USE:							28.0	29.0	48.0	107.0	212.0	756.0	242.0

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PLOT DATE = 5/11/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. ___+___ TO STA. ___+___

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55 & 74	D5 CM PATCHING 2024-1	MCLEAN	20	16
CONTRACT NO. 70G83				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

I-74

URBAN LOCATION 3 I-74 MCLEAN COUNTY							CLASS B PATCHES, TYPE II, 18 INCH (SQ YD)	DOWELL BARS 1 1/2" (EACH)	SAW CUTS (FT)
NW OF BLOOMINGTON							44201063	44201299	44213200
STATION	TYPICAL NO.	DIRECTION	LANE	LENGTH FT	WIDTH FT	AREA SQYD	URBAN	URBAN	URBAN
257+22.31	4	EB	DL	6.00	12.00	8.00	8.00	20.00	36.00
LOCATION 3 URBAN TOTALS USE:							8.0	20.0	36.0

RURAL LOCATION 3 I-74 MCLEAN COUNTY							CLASS A PATCHES, TYPE II, 15 INCH SPECIAL (SQ YD)	CLASS B PATCHES, TYPE II, 15 INCH (SQ YD)	CLASS B PATCHES, TYPE III, 15 INCH (SQ YD)	CLASS B PATCHES, TYPE IV, 15 INCH (SQ YD)	CLASS B PATCHES, TYPE II, 18 INCH (SQ YD)	DOWELL BARS 1 1/2" (EACH)	PATCH REINFORCEMENT (SQ YD)	WELDED WIRE REINFORCEMENT (SQ YD)	SAW CUTS (FT)	TIE BARS 3/4" (EACH)
NW OF BLOOMINGTON							X4420630	44201031	44201035	44201037	44201063	44201299	44213000	44200050	44213200	44213204
STATION	TYPICAL NO.	DIRECTION	LANE	LENGTH FT	WIDTH FT	AREA SQYD	RURAL	RURAL	RURAL	RURAL	RURAL	RURAL	RURAL	RURAL	RURAL	RURAL
1622+44.01	4	WB	PL	12.00	6.00	8.00	8.00								36.00	10.00
189+01.45	4	WB	DL	6.00	12.00	8.00				8.00					36.00	0.00
189+01.64	4	WB	PL	6.00	12.00	8.00				8.00					36.00	0.00
12+25.68	5	WB WEIGH STATION	RAMP	9.00	14.00	14.00		14.00							46.00	0.00
13+50.31	5	WB WEIGH STATION	RAMP	9.00	14.00	14.00		14.00							46.00	0.00
LOCATION 3 WESTBOUND RURAL SUBTOTALS							8.00	28.00			16.00	88.00	8.00		200.00	10.00
1617+39.56	4	EB	PL	6.00	12.00	8.00	8.00								36.00	22.00
9+91.43	5	EB WEIGH STATION	RAMP	100.00	14.00	155.56			155.56		96.00		155.56		228.00	33.00
11+30.30	5	EB WEIGH STATION	RAMP	40.00	7.00	31.11			31.11		20.00		31.11		94.00	13.00
12+68.59	5	EB WEIGH STATION	RAMP	16.00	14.00	24.89					36.00		24.89		60.00	0.00
13+58.86	5	EB WEIGH STATION	RAMP	9.00	14.00	14.00		14.00			24.00				46.00	0.00
15+72.76	5	EB WEIGH STATION	RAMP	6.00	14.00	9.33		9.33			24.00				40.00	0.00
LOCATION 3 EASTBOUND RURAL SUBTOTALS							16.00	51.33	24.89	186.67	16.00	200.00	8.00	211.56	504.00	68.00
LOCATION 3 RURAL SUBTOTALS							24.0	79.3	24.9	186.7	32.0	288.0	16.0	211.6	704.0	78.0
LOCATION 3 RURAL TOTALS USE:							24.0	80.0	25.0	187.0	32.0	288.0	16.0	212.0	704.0	78.0

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PLOT DATE = 5/11/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. ___+___ TO STA. ___+___

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55 & 74	D5 CM PATCHING 2024+1	MCLEAN	20	17
CONTRACT NO. 70G83				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

I-74

URBAN LOCATION 4 I-74 MCLEAN COUNTY							SE OF BLOOMINGTON	CLASS A PATCHES, TYPE III, 14 INCH SPECIAL (SQ YD)	CLASS A PATCHES, TYPE I, 17 INCH SPECIAL (SQ YD)	CLASS A PATCHES, TYPE II, 17 INCH SPECIAL (SQ YD)	CLASS A PATCHES, TYPE III, 17 INCH SPECIAL (SQ YD)	PATCH REINFORCEMENT (SQ YD)	SAW CUTS (FT)	TIE BARS 3/4" (EACH)
STATION	TYPICAL NO.	DIRECTION	LANE	LENGTH FT	WIDTH FT	AREA SQYD	X4420624 URBAN	X1700058 URBAN	X1700059 URBAN	X1700060 URBAN	44213000 URBAN	44213200 URBAN	44213204 URBAN	
834+79.67	7	WB	DL	12.00	12.00	16.00	16.00				16.00	48.00	22.00	
837+71.82	7	WB	PL	15.00	12.00	20.00	20.00				20.00	54.00	22.00	
LOCATION 4 WESTBOUND URBAN SUBTOTALS							36.00				36.00	102.00	44.00	
854+94.46	9	EB	PL	8.00	12.00	10.67			10.67		10.67	40.00	22.00	
854+94.93	9	EB	DL	8.00	6.00	5.33			5.33		5.33	28.00	10.00	
874+01.29	8	EB	PL	8.00	12.00	10.67			10.67		10.67	40.00	22.00	
874+03.29	8	EB	DL	8.00	12.00	10.67			10.67		10.67	40.00	22.00	
909+43.96	8	EB	PL	12.00	12.00	16.00				16.00	16.00	48.00	22.00	
909+46.97	8	EB	DL	12.00	12.00	16.00				16.00	16.00	48.00	22.00	
984+46.83	10	EB	PL	6.00	12.00	8.00			8.00		8.00	36.00	22.00	
984+48.87	10	EB	DL	6.00	12.00	8.00			8.00		8.00	36.00	22.00	
1007+95.05	10	EB	DL	8.00	6.00	5.33			5.33		5.33	28.00	10.00	
1008+62.95	10	EB	DL	6.00	6.00	4.00		4.00			4.00	24.00	10.00	
LOCATION 4 EASTBOUND URBAN SUBTOTALS								4.00	58.67	32.00	94.67	368.00	184.00	
LOCATION 4 URBAN SUBTOTALS							36.0	4.0	58.7	32.0	130.7	470.0	228.0	
LOCATION 4 URBAN TOTALS USE:							36.0	4.0	59.0	32.0	131.0	446.0	228.0	

RURAL LOCATION 4 I-74 MCLEAN COUNTY							SE OF BLOOMINGTON	CLASS A PATCHES, TYPE I, 13 INCH SPECIAL (SQ YD)	CLASS A PATCHES, TYPE II, 17 INCH SPECIAL (SQ YD)	CLASS A PATCHES, TYPE III, 17 INCH SPECIAL (SQ YD)	PATCH REINFORCEMENT (SQ YD)	SAW CUTS (FT)	TIE BARS 3/4" (EACH)
STATION	TYPICAL NO.	DIRECTION	LANE	LENGTH FT	WIDTH FT	AREA SQYD	X1700054 RURAL	X1700059 RURAL	X1700060 RURAL	44213000 RURAL	44213200 RURAL	44213204 RURAL	
1183+20.45	11	EB	PL	8.00	12.00	10.67		10.67		10.67	40.00	22.00	
1195+20.48	11	EB	DL	12.00	12.00	16.00			16.00	16.00	48.00	22.00	
361+98.33	12	EB	DL	6.00	6.00	4.00	4.00	13.33		4.00	24.00	10.00	
LOCATION 4 RURAL SUBTOTALS							4.0	24.0	16.0	30.7	112.0	54.0	
LOCATION 4 RURAL TOTALS USE:							4.0	24.0	16.0	31.0	112.0	54.0	

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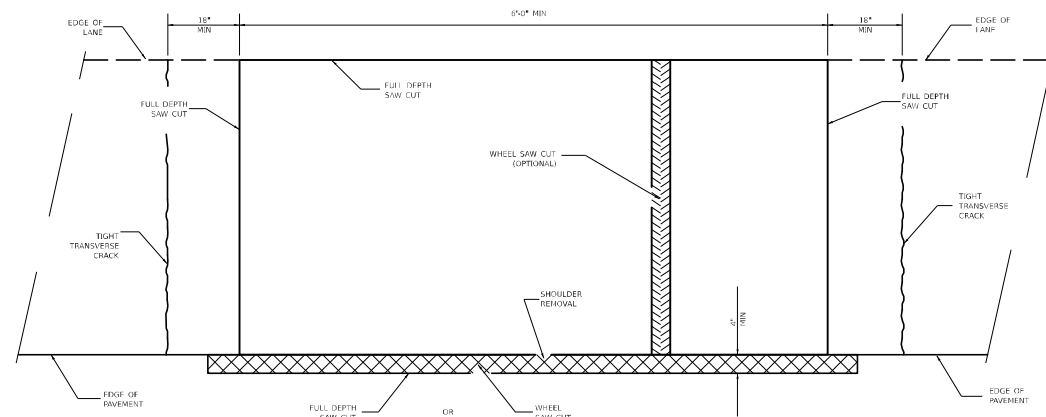
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

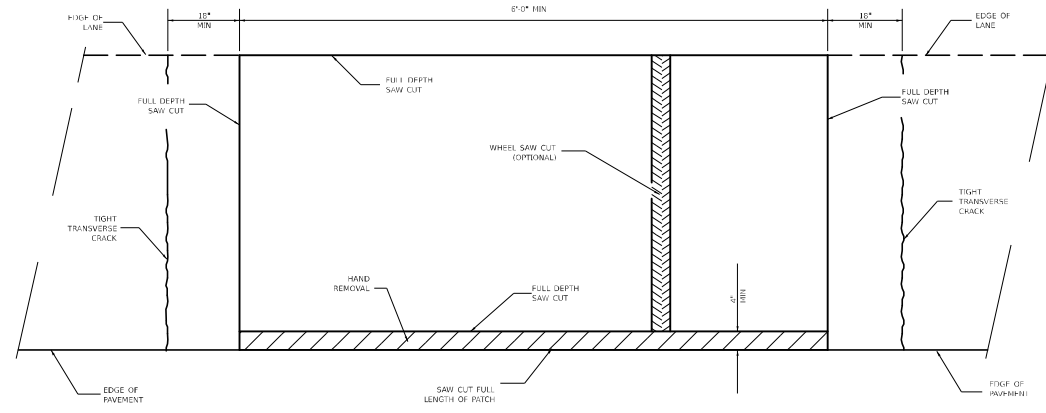
SCHEDULE OF QUANTITIES

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. ___+___ TO STA. ___+___

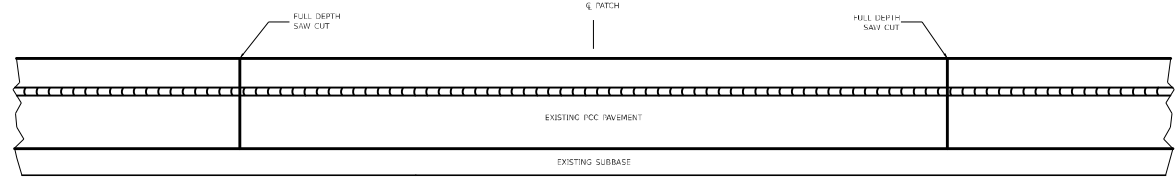
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55 & 74	D5 CM PATCHING 2024-1	MCLEAN	20	18
CONTRACT NO. 70G83				
ILLINOIS FED. AID PROJECT				



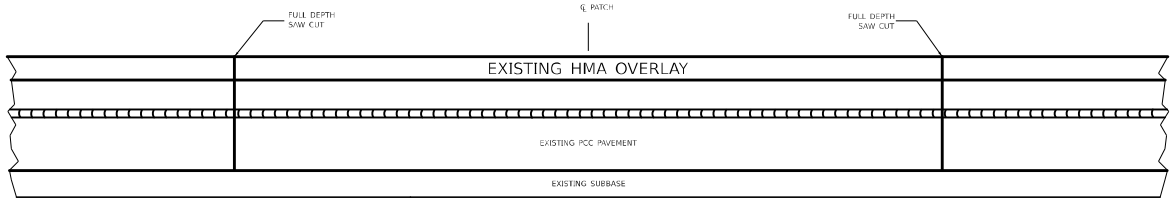
PAVEMENT SAWING DETAIL
(HMA SHOULDER)



PAVEMENT SAWING DETAIL
(PCC SHOULDER)

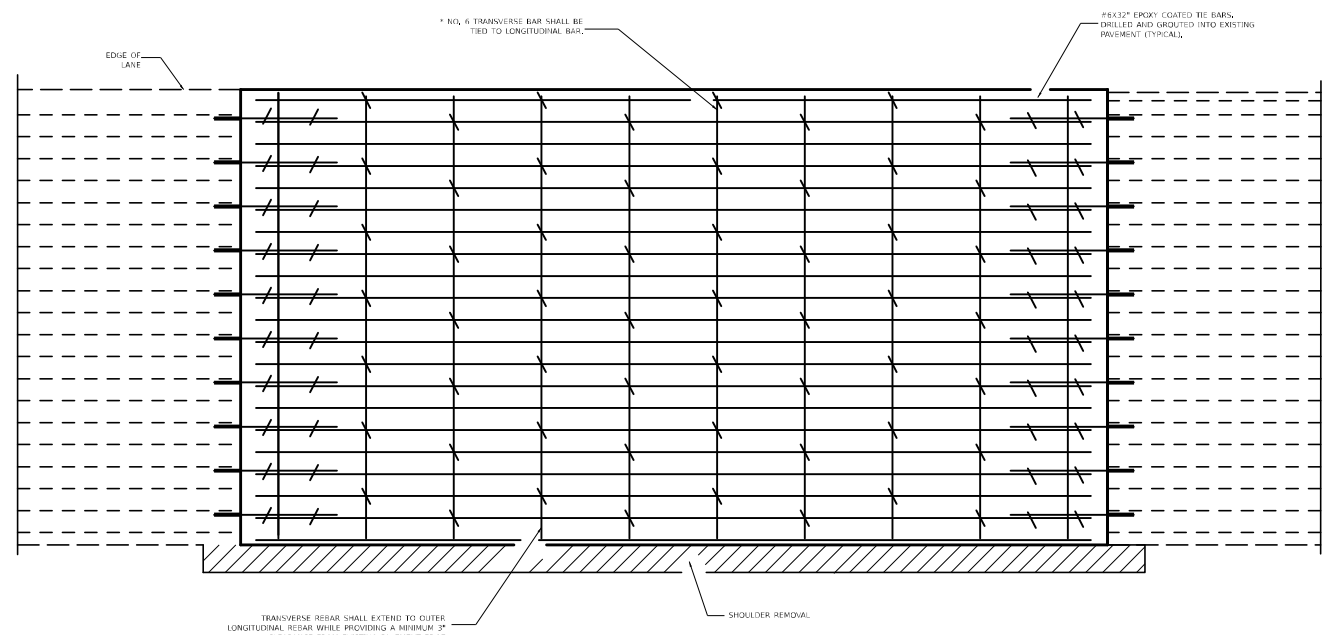


EXISTING PAVEMENT WITHOUT HMA SURFACE

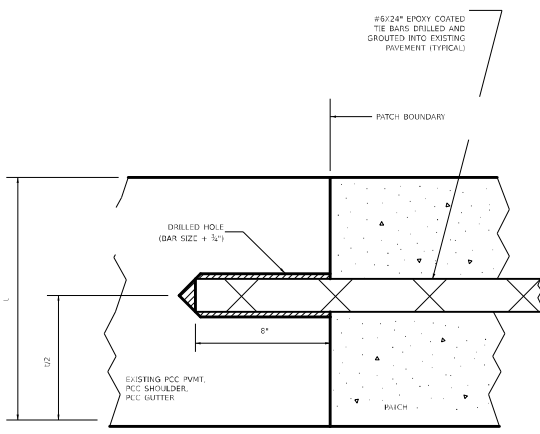


EXISTING PAVEMENT WITH HMA SURFACE

PAVEMENT SAWING DETAIL FOR CLASS A PATCHING
(CRC PAVEMENT)



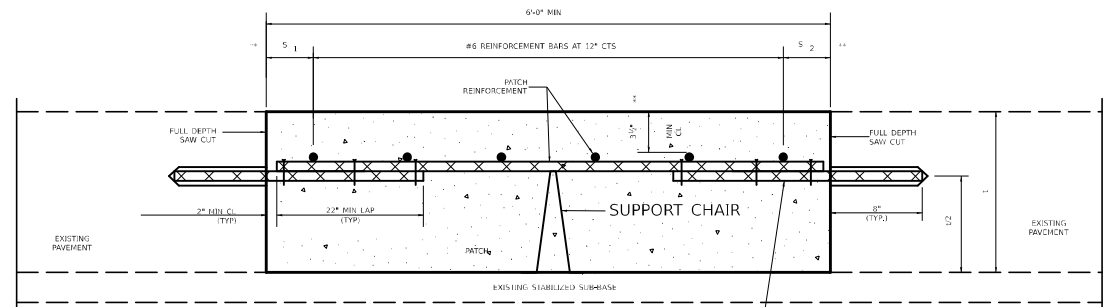
PAVEMENT REINFORCEMENT DETAIL



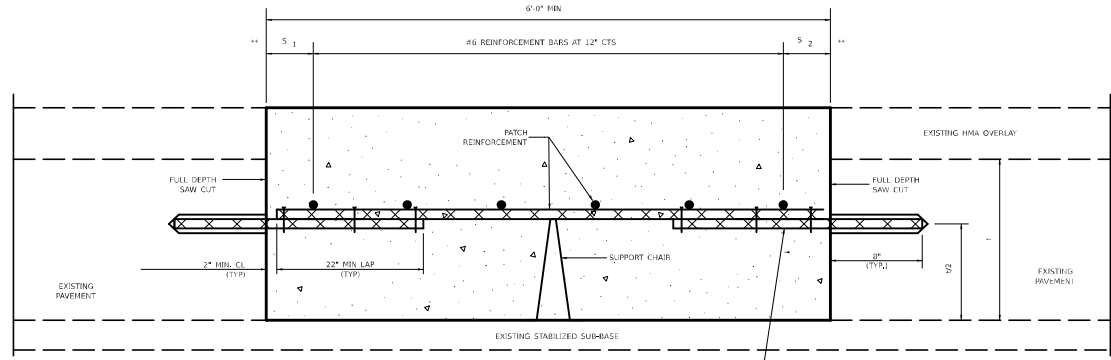
LONGITUDINAL CONSTRUCTION JOINT

PATCHES MORE THAN 30' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT. PCC SHOULDERS ON PCC CURB AND GUTTER WITH #8x24" EPOXY COATED TIE BARS AT 24" CENTERS.

NOTES:
EXISTING LONGITUDINAL REINFORCEMENT SPACING #6/8".
SPACING OF NEW LONGITUDINAL REINFORCEMENT AND NEW LONGITUDINAL TIE BARS SHALL MATCH SPACING OF EXISTING REINFORCEMENT AND SHALL BE TIED TOGETHER WITH A MINIMUM OF TWO TIES PER BAR.
SUPPORT CHAIRS SHALL BE REQUIRED WHENEVER PATCH LENGTH EXCEEDS 10'-0".
EVERY THIRD INTERSECTION MUST BE TIED WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP. THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.
VARIABLES WHERE S₁ AND S₂ ARE 2'-0" MIN. AND 12" MAX.



WITHOUT HMA OVERLAY



WITH HMA OVERLAY

PATCHING DETAIL FOR CLASS A PATCHING
(CRC PAVEMENT)

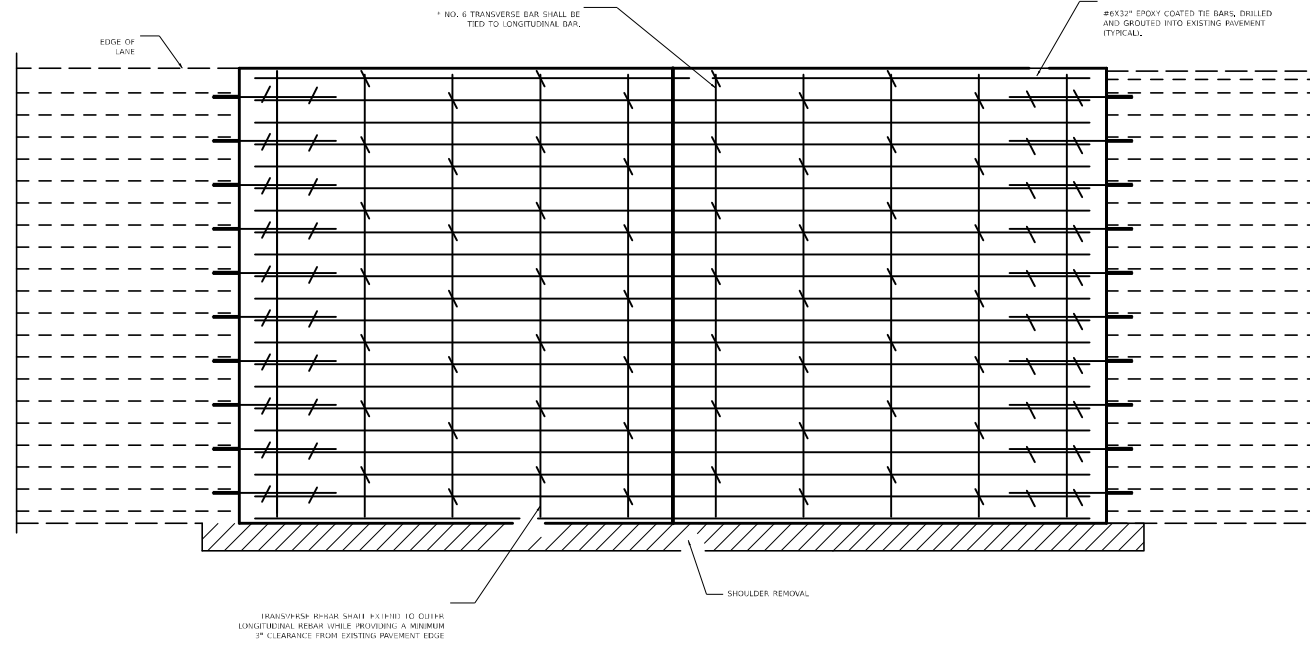
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PLOT DATE = 5/11/2023	CHECKED -	REVISED -
	DATE -	REVISED -

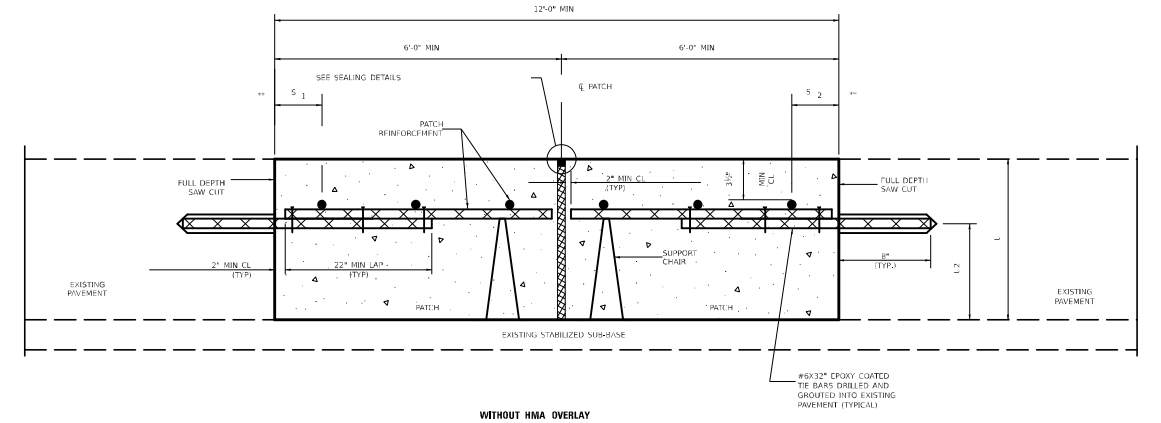
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS A PATCHES (SPECIAL)			
SCALE: 1"=20'	SHEET 1	OF 2 SHEETS	STA. ___+___ TO STA. ___+___

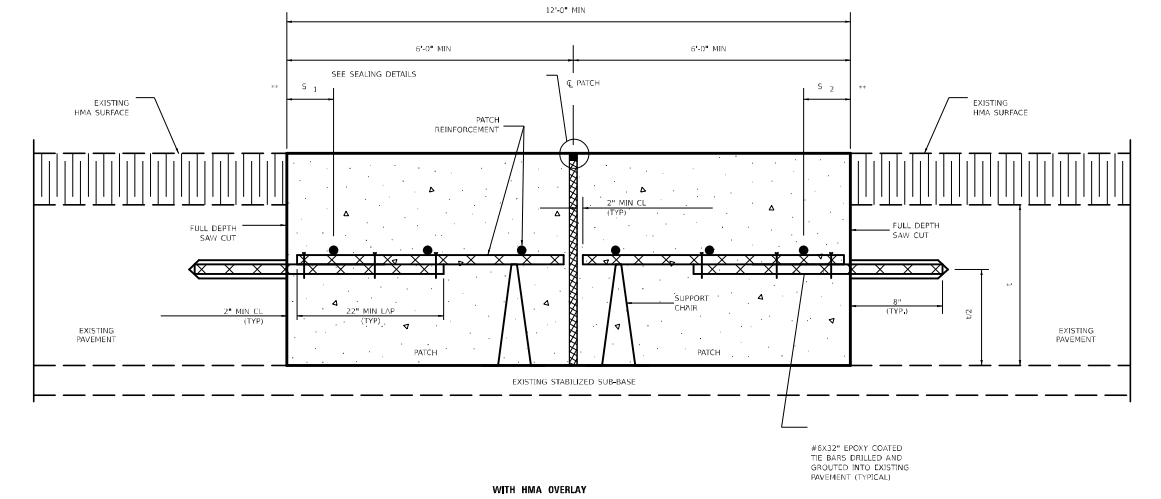
F.A.I. RTE. 55 & 74	SECTION D5 CM PATCHING 2024-1	COUNTY MCLEAN	TOTAL SHEETS 20	SHEET NO. 19
CONTRACT NO. 70G83				
ILLINOIS FED. AID PROJECT				



PAVEMENT REINFORCEMENT DETAIL



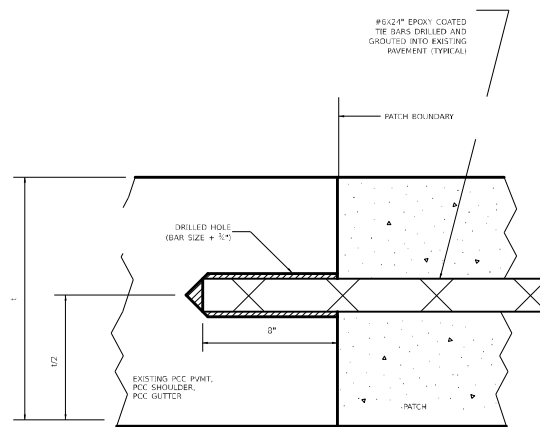
WITHOUT HMA OVERLAY



WITH HMA OVERLAY

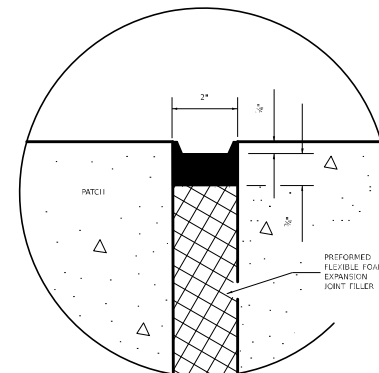
CLASS A PATCH WITH EXPANSION JOINT

- NOTES:
- EXISTING LONGITUDINAL REINFORCEMENT SPACING: $\leq 6'$.
 - SPACING OF NEW LONGITUDINAL REINFORCEMENT AND NEW LONGITUDINAL TIE BARS SHALL MATCH SPACING OF EXISTING REINFORCEMENT AND SHALL BE TIED TOGETHER WITH A MINIMUM OF TWO TIES PER BAR.
 - SUPPORT CHAIRS SHALL BE REQUIRED WHENEVER PATCH LENGTH EXCEEDS 6'-0\".
 - EVERY THIRD INTERSECTION MUST BE TIED, WHEN THE MINIMUM CLEARANCE CANNOT BE OBTAINED WITH THE TRANSVERSE REBAR ON TOP, THEN THE TRANSVERSE REBAR SHALL BE TIED TO THE BOTTOM OF THE LONGITUDINAL REBAR.
 - VARIABLES WHERE S AND S ARE 25\" MIN, AND 12\" MAX.

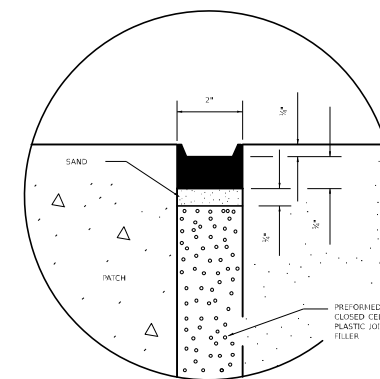


LONGITUDINAL CONSTRUCTION JOINT

PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, RCC SHOULDERS OR RCC CURB AND GUTTER WITH #6x12\"/>



SEALING DETAIL



SEALING DETAIL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS A PATCHES (SPECIAL)

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55 & 74	D5 CM PATCHING 2024-1	MCLEAN	20	20
CONTRACT NO. 70G83				
ILLINOIS FED. AID PROJECT				

USER NAME = travis.hollingsworth	DESIGNED -	REVISED -
PLOT SCALE = 0.16666833' / in.	DRAWN -	REVISED -
PLOT DATE = 5/11/2023	CHECKED -	REVISED -
	DATE -	REVISED -