

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	D5 CM PATCHING 2025-3	CHAMPAIGN	19	1
ILLINOIS CONTRACT NO. 70H42				

D-95-010-25



FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3-4

CURRENT TRAFFIC DATA

FAI 74

	LEG "A"	LEG "B"	LEG "C"	LEG "D"	LEG "E"	LEG "F"	LEG "G"
2024 ADT	22800	28800	29900	2150	2150	2150	2150
PU&PC%	66.9	72.7	72.6	88.3	88.3	88.3	88.3
SU%	4.6	4.0	4.0	7.0	7.0	7.0	7.0
MU%	28.5	23.3	23.4	4.7	4.7	4.7	4.7

TRAFFIC DATA LOCATIONS

- LEG "A" = I-74 FROM PIATT COUNTY LINE TO IL 47 IN MAHOMET.
LEG "B" = I-74 FROM IL 47 TO PRAIRIEVIEW RD IN MAHOMET.
LEG "C" = I-74 FROM PRAIRIEVIEW RD IN MAHOMET TO DUNCAN RD.
LEG "D" = PRAIRIEVIEW RD TO I-74 WB RAMP.
LEG "E" = I-74 EB TO PRAIRIEVIEW RD RAMP.
LEG "F" = I-74 WB TO PRAIRIEVIEW RD RAMP.
LEG "G" = PRAIRIEVIEW RD TO I-74 EB RAMP.

PROPOSED
HIGHWAY PLANS

FAI ROUTE 74 (I 74)
SECTION D5 CM PATCHING 2025-3
PATCHING
CHAMPAIGN COUNTY

C-95-026-25
PIATT CO LINE TO DUNCAN RD &
RAMPS AT PRAIRIEVIEW RD INTCHG IN MAHOMET

PRAIRIEVIEW RD
INTERCHANGE

BEGIN PROJECT
STA. 1324+77.33

URBAN AH
STA. 1401+11

STATION EQUATION
STA. 1543+39.70 BK =
STA. 1543+43.52 AH

STATION EQUATION
STA. 1573+24.16 BK =
STA. 1573+28.80 AH

URBAN BK
STA. 1661+07

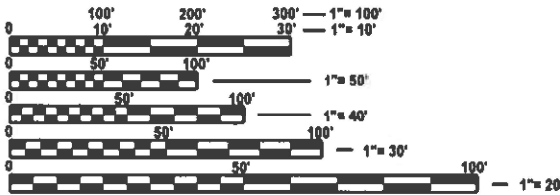
URBAN AH
STA. 1807+14

STATION EQUATION
STA. 1670+37.88 BK =
STA. 1670+40.16 AH

STATION EQUATION
STA. 1765+38.22 BK =
STA. 1765+38.85 AH

STATION EQUATION
STA. 1800+60.87 BK =
STA. 1800+61.38 AH

END PROJECT
STA. 1838+00



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

TOWNSHIP: HENSLEY TWP, MAHOMET TWP

PROJECT ENGINEER: RYAN CARROLL
PROJECT MANAGER: CLARE DIETZ
PROJECT DESIGNER: JERRY YOUNG
CONTRACT NO. 70H42

GROSS LENGTH = 51321.6 FT. = 9.72 MILE
NET LENGTH = 51321.6 FT. = 9.72 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 01/27 20 25
Kenneth A. Jurek
REGIONAL ENGINEER

March 21 20 25
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

March 21 20 25
Y. J. Young
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

MODEL: GENERAL NOTES [Sheet]
FILE NAME: c:\pw_work\pwid\illinois.gov_jerry.young\illinois.gov\1040097\0570H42-genrnote.dgn

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF HIGHWAY STANDARDS
2	GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5-8	EXISTING TYPICAL SECTIONS
9-13	SCHEDULE OF QUANTITIES
14-17	DETOUR PLANS
18-19	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.-440B
THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS, GUTTERS AND/OR COMBINATION CURB AND GUTTERS THAT ARE FOUND SUITABLE FOR REUSE SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING TIE BARS THAT ARE FOUND UNSUITABLE TO BE INCORPORATED INTO THE PROPOSED CONSTRUCTION DUE TO EXCESSIVE RUSTING OR DISTRESS SHALL BE REMOVED FLUSH WITH THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS REMOVAL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

HIGHWAY STANDARDS

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-10	PAVEMENT JOINTS
420101-07	24' (7.2 M) JOINTED PCC PAVEMENT
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
442101-09	CLASS B PATCHES
701400-12	APPROACH TO LANE CLOSURE, 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 AND REMOVAL, FREEWAY/ EXPRESSWAY
701451-05	RAMP CLOSURE FREEWAY/ EXPRESSWAY
701456-05	PARTIAL EXIT RAMP CLOSURE FREEWAY/ EXPRESSWAY
701901-10	TRAFFIC CONTROL DEVICES

NO COMMITMENTS

USER NAME = Jerry Young	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, LIST OF STANDARDS, COMMITMENTS	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -			74	D5 CM PATCHING 2025-3	CHAMPAIGN	19	2
	CHECKED -	REVISED -			CONTRACT NO. 70H42				
PLOT DATE = 1/29/2025	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE: SHEET 2 OF 19 SHEETS STA. TO STA.				

SUMMARY OF QUANTITIES

LOCATION OF WORK:	FAI 74 (I-74) INTERSTATE RURAL STA. 1324+77.33-1401+11 STA. 1661+07- 1807+14 CHAMPAIGN 100% STATE 0006	FAI 74 (I-74) INTERSTATE URBAN STA. 1401+11-1661+07 STA. 1807+14-1838+00 CHAMPAIGN 100% STATE 0006
	FUNDING BREAKOUT: CONSTRUCTION TYPE CODE:	

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY QUANTITY	ROADWAY QUANTITY
	44200050	WELDED WIRE REINFORCEMENT	SQ YD	714		714
	44200982	CLASS B PATCHES, TYPE II, 11 INCH	SQ YD	470		470
	44200986	CLASS B PATCHES, TYPE III, 11 INCH	SQ YD	185		185
	44200988	CLASS B PATCHES, TYPE IV, 11 INCH	SQ YD	503		503
	44201007	CLASS B PATCHES, TYPE II, 13 INCH	SQ YD	12		12
	44201013	CLASS B PATCHES, TYPE IV, 13 INCH	SQ YD	26		26
	44201299	DOWEL BARS 1 1/2"	EACH	1,761		1,761
	44213000	PATCHING REINFORCEMENT	SQ YD	945	281	664
	44213200	SAW CUTS	FOOT	7,104	1,010	6,094
	44213204	TIE BARS 3/4"	EACH	1,837	524	1,313
	67100100	MOBILIZATION	L SUM	1.00	0.50	0.50
	70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2.00		2.00
	70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1.00	0.50	0.50
	70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1.00	0.50	0.50

MODEL: SUMMARY OF QUANTITIES PG1 (Sheet)
FILE NAME: c:\p\work\pwrtd\illinois.gov\jerry.young\illinois.gov\1040097\0570H42-S00.dgn

SUMMARY OF QUANTITIES

LOCATION OF WORK:	FAI 74 (I-74) INTERSTATE RURAL STA. 1324+77.33-1401+11 STA. 1661+07- 1807+14 CHAMPAIGN 100% STATE 0006	FAI 74 (I-74) INTERSTATE URBAN STA. 1401+11-1661+07 STA. 1807+14-1838+00 CHAMPAIGN 100% STATE 0006
FUNDING BREAKOUT:		
CONSTRUCTION TYPE CODE:		

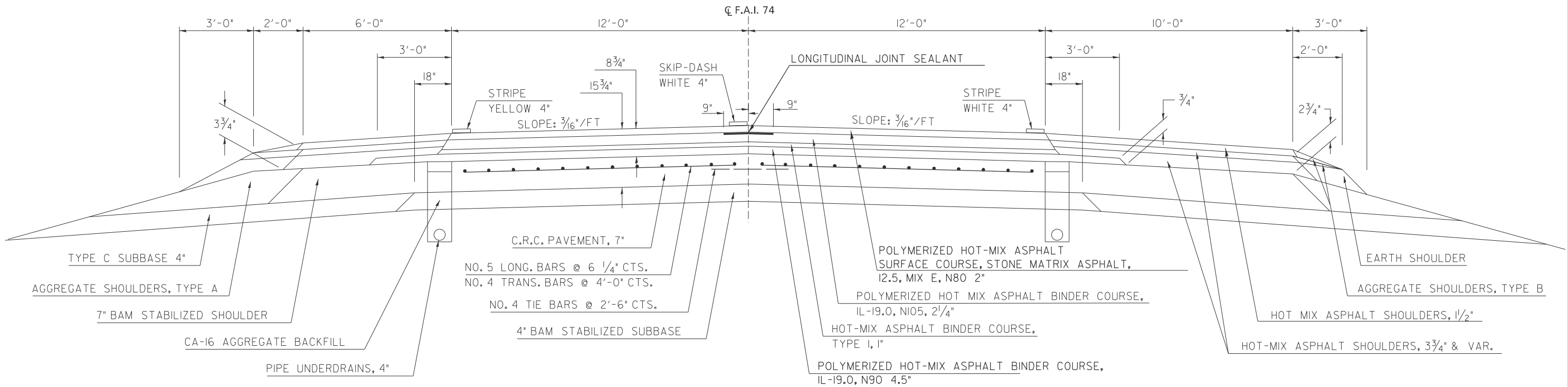
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY QUANTITY	ROADWAY QUANTITY
	70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1.00	0.50	0.50
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	29.00	1.00	28.00
	X4420630	CLASS A PATCHES, TYPE II, 15 INCH (SPECIAL)	SQ YD	808	216	592
	X4420632	CLASS A PATCHES, TYPE III, 15 INCH (SPECIAL)	SQ YD	85	65	20
	X4420634	CLASS A PATCHES, TYPE IV, 15 INCH (SPECIAL)	SQ YD	52		52
	X7200203	DETOUR SIGNING	L SUM	1.00		1.00
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1.00	0.50	0.50

MODEL: SUMMARY OF QUANTITIES PG2 [Sheet]
FILE NAME: c:\p\work\pwrtd\illinois.gov\jerry.young\040097\0570H42-SQG.dgn

EXISTING TYPICAL CROSS SECTION

F.A.I. 74

	STATION	TO	STATION
EB	1324+77.33		1501+00.00
WB	1324+77.33		1496+51.00



MODEL: TYPICAL2 (Sheet)
FILE NAME: c:\p\work\illinois.gov\jerry.young\illinois.gov\1040097\0570H42-typical.dgn

USER NAME = Jerry Young	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL
CROSS SECTION

SCALE: SHEET 5 OF 19 SHEETS STA. TO STA.

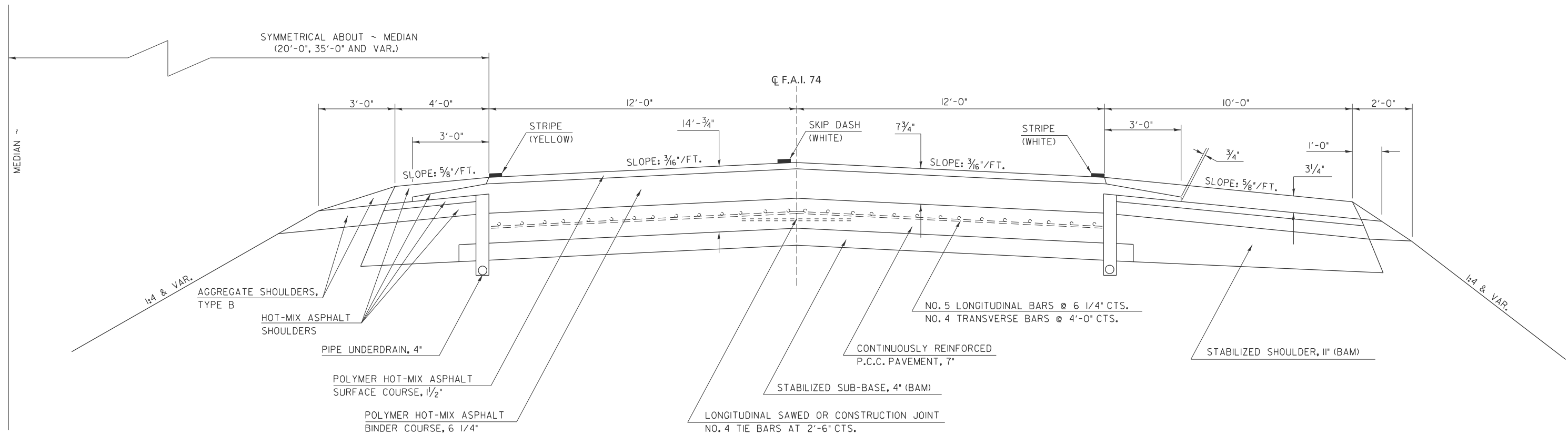
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	D5 CM PATCHING 2025-3	CHAMPAIGN	19	5
CONTRACT NO. 70H42				
ILLINOIS FED. AID PROJECT				

F.A.I. 74

	STATION	TO	STATION
EB	1501+00.00		1838+00.00
WB	1496+51.00		1838+00.00

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

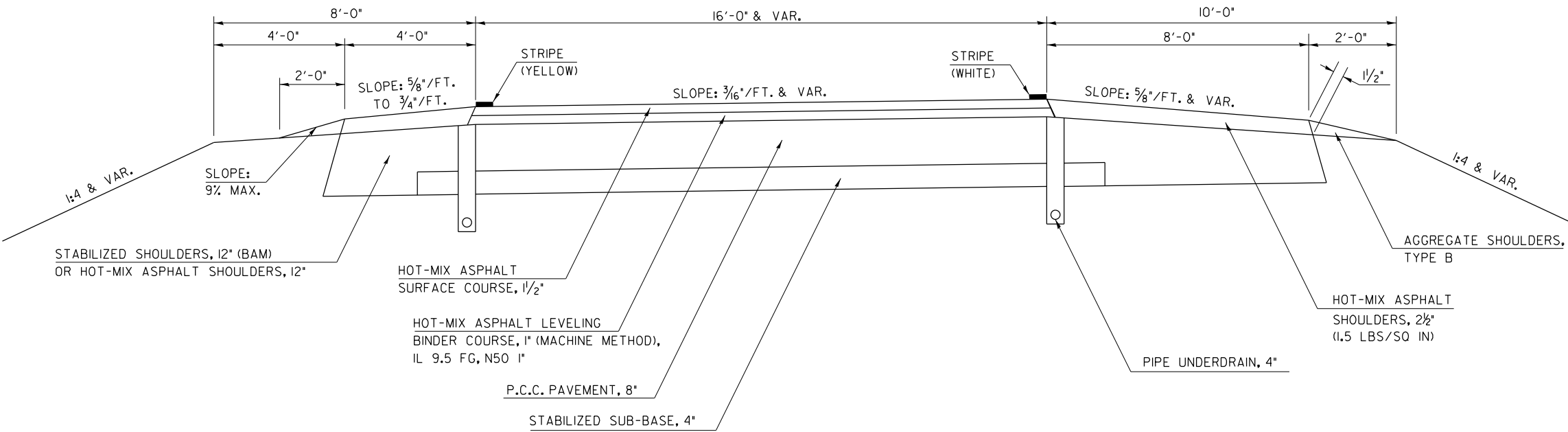
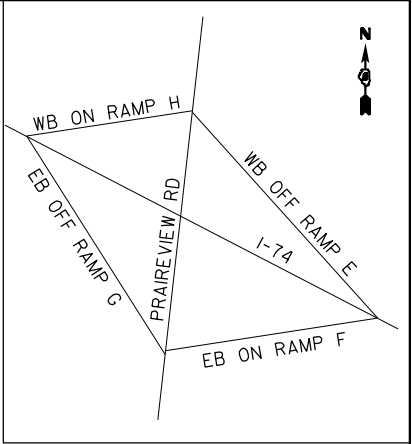


MODEL: Untitled-2 [Sheet]
FILE NAME: c:\pw_work\pwdot\illinois.gov_jerry.young@illinois.gov\d1040097\D570H42-typical.dgn

USER NAME = Jerry Young	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						74	D5 CM PATCHING 2025-3	CHAMPAIGN	19	6
	CHECKED -	REVISED -						CONTRACT NO. 70H42				
PLOT DATE = 1/29/2025	DATE -	REVISED -		SCALE:	SHEET 6	OF 19 SHEETS	STA.	TO STA.				

EXISTING TYPICAL CROSS SECTION
PRAIRIEVIEW ROAD INTERCHANGE RAMP E AND F

	STATION	TO	STATION
RAMP E	602+12		619+16
RAMP F	700+18		714+20



* HOT-MIX ASPHALT SHOULDERS, 12" LOCATIONS _____
RT. STA. 618+55.00 (RAMP E) TO LT. STA. 517+23.44 (FAS I52I)
LT. STA. 619+33.00 (RAMP E) TO LT. STA. 619+84.00 (RAMP E)
RT. STA. 503+32.07 (FAP 719) TO RT. STA. 701+54.00 (RAMP F)
LT. STA. 700+32.00 (RAMP F) TO LT. STA. 700+98.25 (RAMP F)

MODEL: Untitled-3 [Sheet]
FILE NAME: c:\p\work\illinois.gov\jerry.young\illinois.gov\1040097\0570H42-typical.dgn

USER NAME = Jerry Young	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/30/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

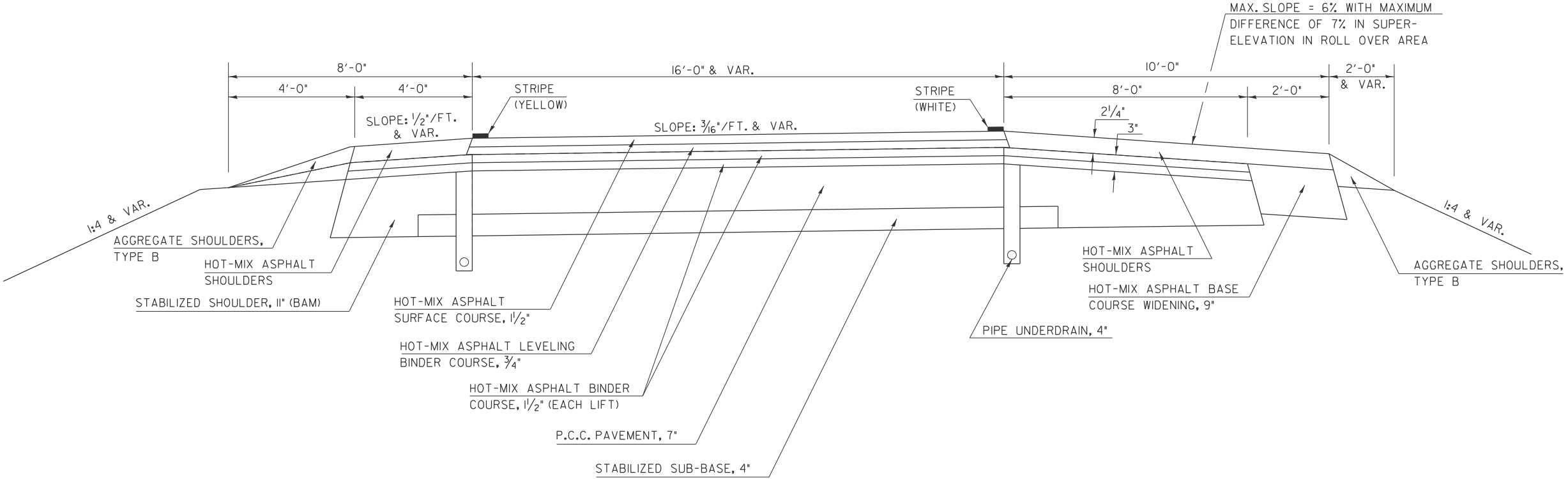
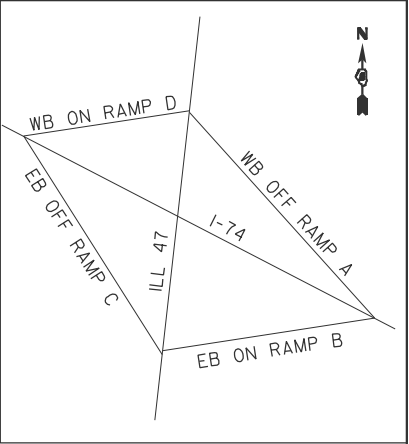
EXISTING TYPICAL
CROSS SECTION

SCALE:	SHEET 7	OF 19 SHEETS	STA.	TO STA.
--------	---------	--------------	------	---------

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	D5 CM PATCHING 2025-3	CHAMPAIGN	19	7
CONTRACT NO. 70H42				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION
IL 47 SHARED WITH INTERCHANGE RAMPS B AND D

STATION TO STATION
EB ON RAMP B 1534+60
WB ON RAMP D 1505+50



MODEL: TYPICAL4 (Sheet)
FILE NAME: c:\p\work\pvt\illinois.gov\jerry.young\illinois.gov\1040097\0570H42\typical.dgn

	USER NAME = jerry.young	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL CROSS SECTION					F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							74	D5 CM PATCHING 2025-3	CHAMPAIGN	19	8
		CHECKED -	REVISED -							CONTRACT NO. 70H42				
	PLOT DATE = 1/29/2025	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									
					SCALE:	SHEET 8	OF 19	SHEETS	STA.	TO STA.				

SCHEDULES OF QUANTITIES

EASTBOUND CLASS A PATCH (SPECIAL) 15" - RURAL											
STATION	DIRECTION	LANE	LENGTH	WIDTH	X4420630 (SPECIAL) TYPE II 15.0"	X4420632 (SPECIAL) TYPE III 15.0"	X4420634 (SPECIAL) TYPE IV 15.0"	44213200	44213204 TIE BARS (TRANS) 3/4"	44213204 TIE BARS (LONG) 3/4"	44213000 PATCHING REINFORCEMENT
					SAW CUTS						
			(ft)	(ft)	(sq. yd)	(sq. yd)	(sq. yd)	(ft)	(each)	(each)	(sq. yd)
1664+70.00	EASTBOUND	DL	6	12	8.0	0.0	0.0	36.0	22	0	8.0
1664+70.00	EASTBOUND	PL	6	12	8.0	0.0	0.0	36.0	22	0	8.0
1666+98.00	EASTBOUND	DL	12	12	0.0	16.0	0.0	48.0	22	0	16.0
1666+98.00	EASTBOUND	PL	12	12	0.0	16.0	0.0	48.0	22	0	16.0
1719+25.00	EASTBOUND	DL	10	12	13.3	0.0	0.0	44.0	22	0	13.3
1719+25.00	EASTBOUND	PL	10	12	13.3	0.0	0.0	44.0	22	0	13.3
1727+50.00	EASTBOUND	DL	12	12	0.0	16.0	0.0	48.0	22	0	16.0
1727+50.00	EASTBOUND	PL	10	12	13.3	0.0	0.0	44.0	22	0	13.3
1740+00.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1740+40.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1740+40.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1752+65.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1752+65.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1763+30.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1763+30.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1775+00.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1775+00.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1786+50.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1786+50.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1795+00.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1795+00.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1797+60.00	EASTBOUND	DL	25	6	0.0	16.7	0.0	62.0	10	8	16.7
1807+00.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1807+00.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
EASTBOUND LANES TOTAL STA. 1324+77.33-1401+11, 1661+07- 1807+14					216.0	64.7	0.0	1010.0	516.0	8.0	280.7
SUB TOTALS					(sq. yd)	(sq. yd)	(sq. yd)	(ft)	(each)	(each)	(sq. yd)

MODEL: SCHEDULES (Sheet)
FILE NAME: c:\p\work\pwrtd\illinois.gov_jerry.young\040097\0570H42-Schedules.dgn

	USER NAME = JERRY.YOUNG	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANITIES				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						74	D5 CM PATCHING 2025-3	CHAMPAIGN	19	9
		CHECKED -	REVISED -		CONTRACT NO. 70H42								
	PLOT DATE = 3/12/2025	DATE -	REVISED -										
					SCALE:	SHEET 9	OF 19	SHEETS	STA.	TO STA.			
										ILLINOIS FED. AID PROJECT			

SCHEDULES OF QUANTITIES

EASTBOUND CLASS A PATCH (SPECIAL) 15" - URBAN											
STATION	DIRECTION	LANE	LENGTH	WIDTH	X4420630 (SPECIAL) TYPE II 15.0"	X4420632 (SPECIAL) TYPE III 15.0"	X4420634 (SPECIAL) TYPE IV 15.0"	44213200 SAW CUTS	44213204 TIE BARS (TRANS) 3/4"	44213204 TIE BARS (LONG) 3/4"	44213000 PATCHING REINFORCEMENT
			(ft)	(ft)	(sq. yd)	(sq. yd)	(sq. yd)	(ft)	(each)	(each)	(sq. yd)
1514+50.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1514+50.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1521+50.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1521+50.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1519+90.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1519+90.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1534+60.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1534+60.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1547+29.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1547+29.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1546+01.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1546+01.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1555+40.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1555+40.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1567+90.00	EASTBOUND	DL	10	12	13.3	0.0	0.0	44.0	22	0	13.3
1567+90.00	EASTBOUND	PL	10	12	13.3	0.0	0.0	44.0	22	0	13.3
1576+10.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1576+10.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1577+80.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1577+80.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1579+60.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1579+60.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1583+20.00	EASTBOUND	PL	15	12	0.0	20.0	0.0	54.0	22	0	20.0
1590+01.00	EASTBOUND	DL	10	12	13.3	0.0	0.0	44.0	22	0	13.3
1590+01.00	EASTBOUND	PL	10	12	13.3	0.0	0.0	44.0	22	0	13.3
1633+62.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1633+62.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1642+06.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1643+41.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1643+41.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1645+60.00	EASTBOUND	DL	10	12	13.3	0.0	0.0	44.0	22	0	13.3
1645+60.00	EASTBOUND	PL	10	12	13.3	0.0	0.0	44.0	22	0	13.3
1660+60.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1660+60.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1817+60.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1817+60.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1827+70.00	EASTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1827+70.00	EASTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
EASTBOUND LANES TOTAL STA. 1514+50-1660+60, 1807+14-1838+00					410.7	20.0	0.0	1558.0	836	0.0	430.7
SUB TOTALS					(sq. yd)	(sq. yd)	(sq. yd)	(ft)	(each)	(each)	(sq. yd)

MODEL: SUM OF SCHED PG2 (Sheet)
FILE NAME: c:\p\work\pwrtd\illinois.gov_jerry.young\040097\0570H42-Schedules.dgn

	USER NAME = jerry.young	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						74	D5 CM PATCHING 2025-3	CHAMPAIGN	19	10
		CHECKED -	REVISED -		SCALE: SHEET 10 OF 19 SHEETS STA. TO STA.				CONTRACT NO. 70H42				
	PLOT DATE = 3/12/2025	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

SCHEDULES OF QUANTITIES

WESTBOUND CLASS A PATCH (SPECIAL) 15" - URBAN											
STATION	DIRECTION	LANE	LENGTH	WIDTH	X4420630 (SPECIAL) TYPE II 15.0"	X4420632 (SPECIAL) TYPE III 15.0"	X4420634 (SPECIAL) TYPE IV 15.0"	44213200	44213204 TIE BARS (TRANS) 3/4"	44213204 TIE BARS (LONG) 3/4"	44213000
					SAW CUTS	PATCHING REINFORCEMENT					
			(ft)	(ft)	(sq. yd)	(sq. yd)	(sq. yd)	(ft)	(each)	(each)	(sq. yd)
1551+40.00	WESTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1551+40.00	WESTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1550+90.00	WESTBOUND	DL	6	12	8.0	0.0	0.0	36.0	22	0	8.0
1550+90.00	WESTBOUND	PL	6	12	8.0	0.0	0.0	36.0	22	0	8.0
1532+01.00	WESTBOUND	DL	6	12	8.0	0.0	0.0	36.0	22	0	8.0
1532+01.00	WESTBOUND	PL	6	12	8.0	0.0	0.0	36.0	22	0	8.0
1522+52.00	WESTBOUND	DL	6	12	8.0	0.0	0.0	36.0	22	0	8.0
1522+52.00	WESTBOUND	PL	6	12	8.0	0.0	0.0	36.0	22	0	8.0
1520+03.00	WESTBOUND	DL	6	12	8.0	0.0	0.0	36.0	22	0	8.0
1520+03.00	WESTBOUND	PL	6	12	8.0	0.0	0.0	36.0	22	0	8.0
1517+70.00	WESTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1517+70.00	WESTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1516+50.00	WESTBOUND	DL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1516+50.00	WESTBOUND	PL	8	12	10.7	0.0	0.0	40.0	22	0	10.7
1515+40.00	WESTBOUND	DL	10	12	13.3	0.0	0.0	44.0	22	0	13.3
1515+40.00	WESTBOUND	PL	10	12	13.3	0.0	0.0	44.0	22	0	13.3
1510+60.00	WESTBOUND	DL	10	12	13.3	0.0	0.0	44.0	22	0	13.3
1510+60.00	WESTBOUND	PL	10	12	13.3	0.0	0.0	44.0	22	0	13.3
1505+50.00	WESTBOUND	DL	18	13	0.0	0.0	26.0	62.0	24	0	26.0
1505+50.00	WESTBOUND	PL	18	13	0.0	0.0	26.0	62.0	24	0	26.0
WESTBOUND LANES STA. 1505+50-1551+40					181.3	0.0	52.0	828.0	444.0	0.0	233.3
SUB TOTALS					(sq. yd)	(sq. yd)	(sq. yd)	(ft)	(each)	(each)	(sq. yd)

IL 47 SHARED WITH RAMP B AND D - CLASS B PATCH 13" - URBAN										
					44201007	44201013	44201299	44213200	44213204	44200050
STATION	DIRECTION	LANE	LENGTH	WIDTH	CLASS B PATCH TYPE II 13"	CLASS B PATCH TYPE IV 13"	DOWEL BARS 1 1/2"	SAW CUTS	TIE BARS 3/4"	WELDED WIRE REINFORCEMENT
			(ft)	(ft)	(sq. yd)	(sq. yd)	(each)	(ft)	(each)	(sq. yd)
1505+50.00	WB	IL 47 WB ON RAMP D	18	13	0.0	26.0	22	75.0	0	26.0
1534+60.00	EB	IL 47 EB ON RAMP B	8	13	11.6	0.0	22	55.0	0	0.0
					11.6	26.0	44.0	130.0	0.0	26.0
		SUB TOTALS			(sq. yd)	(sq. yd)	(each)	(ft)	(each)	(sq. yd)

MODEL: SUM OF SCHED PG3 (Sheet)
FILE NAME: c:\p\work\wdo\illinois.gov_jerry.young\illinois.gov_jerry.young\040097\0570H42-Schedules.dgn

	USER NAME = jerry.young	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F&I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						74	D5 CM PATCHING 2025-3	CHAMPAIGN	19	11
		CHECKED -	REVISED -		SCALE: SHEET 11 OF 19 SHEETS STA. TO STA.				CONTRACT NO. 70H42				
	PLOT DATE = 3/12/2025	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

SCHEDULES OF QUANTITIES

PRAIRIEVIEW WB (RAMP E) CLASS B PATCH 11" - URBAN											
					44200982	44200986	44200988	44201299	44213200	44213204	44200050
STATION	DIRECTION	LANE	LENGTH	WIDTH	CLASS B PATCH TYPE II 11"	PATCH TYPE III 11"	CLASS B PATCH TYPE IV 11"	DOWEL BARS 1 1/2"	SAW CUTS	TIE BARS 3/4"	WELDED WIRE REINFORCEMENT
			(ft)	(ft)	(sq. yd)	(sq. yd)	(sq. yd)	(each)	(ft)	(each)	(sq. yd)
602+12.00	WB	PRAIRIEVIEW RAMP E	6	10	6.7	0.0	0.0	16	42.0	0	0.0
605+30.00	WB	PRAIRIEVIEW RAMP E	6	16	10.7	0.0	0.0	28	60.0	0	0.0
606+00.00	WB	PRAIRIEVIEW RAMP E	6	16	10.7	0.0	0.0	28	60.0	0	0.0
606+96.00	WB	PRAIRIEVIEW RAMP E	6	16	10.7	0.0	0.0	28	60.0	0	0.0
608+15.00	WB	PRAIRIEVIEW RAMP E	8	16	14.2	0.0	0.0	28	64.0	0	0.0
608+57.00	WB	PRAIRIEVIEW RAMP E	25	16	0.0	0.0	44.4	42	98.0	8	44.4
608+80.00	WB	PRAIRIEVIEW RAMP E	12	16	0.0	21.3	0.0	28	72.0	0	21.3
609+16.00	WB	PRAIRIEVIEW RAMP E	8	16	14.2	0.0	0.0	28	64.0	0	0.0
609+41.00	WB	PRAIRIEVIEW RAMP E	8	16	14.2	0.0	0.0	28	64.0	0	0.0
609+65.00	WB	PRAIRIEVIEW RAMP E	8	16	14.2	0.0	0.0	28	64.0	0	0.0
610+00.00	WB	PRAIRIEVIEW RAMP E	10	16	0.0	17.8	0.0	28	68.0	0	17.8
610+40.00	WB	PRAIRIEVIEW RAMP E	6	16	10.7	0.0	0.0	28	60.0	0	0.0
611+00.00	WB	PRAIRIEVIEW RAMP E	12	16	0.0	21.3	0.0	28	72.0	0	21.3
612+10.00	WB	PRAIRIEVIEW RAMP E	6	16	10.7	0.0	0.0	28	60.0	0	0.0
612+50.00	WB	PRAIRIEVIEW RAMP E	6	16	10.7	0.0	0.0	28	60.0	0	0.0
613+00.00	WB	PRAIRIEVIEW RAMP E	10	16	0.0	17.8	0.0	28	68.0	0	17.8
613+53.00	WB	PRAIRIEVIEW RAMP E	8	16	14.2	0.0	0.0	28	64.0	0	0.0
614+00.00	WB	PRAIRIEVIEW RAMP E	8	16	14.2	0.0	0.0	28	64.0	0	0.0
615+00.00	WB	PRAIRIEVIEW RAMP E	10	16	0.0	17.8	0.0	28	68.0	0	17.8
616+00.00	WB	PRAIRIEVIEW RAMP E	10	16	0.0	17.8	0.0	28	68.0	0	17.8
616+96.00	WB	PRAIRIEVIEW RAMP E	6	16	10.7	0.0	0.0	28	60.0	0	0.0
617+60.00	WB	PRAIRIEVIEW RAMP E	10	16	0.0	17.8	0.0	28	68.0	0	17.8
618+20.00	WB	PRAIRIEVIEW RAMP E	6	16	10.7	0.0	0.0	28	60.0	0	0.0
618+48.00	WB	PRAIRIEVIEW RAMP E	6	16	10.7	0.0	0.0	28	60.0	0	0.0
618+89.00	WB	PRAIRIEVIEW RAMP E	6	16	10.7	0.0	0.0	28	60.0	0	0.0
619+16.00	WB	PRAIRIEVIEW RAMP E	6	16	10.7	0.0	0.0	28	60.0	0	0.0
PRAIRIEVIEW EB RAMP CLASS B PATCH					209.3	131.6	44.4	730.0	1668.0	8.0	176.0
SUB TOTALS					(sq. yd)	(sq. yd)	(sq. yd)	(each)	(ft)	(each)	(sq. yd)

MODEL: SUM OF SCHED PG4 (Sheet)
FILE NAME: c:\pwworking\illinois.gov\jerry.young\1040097\0570H42-Schedules.dgn

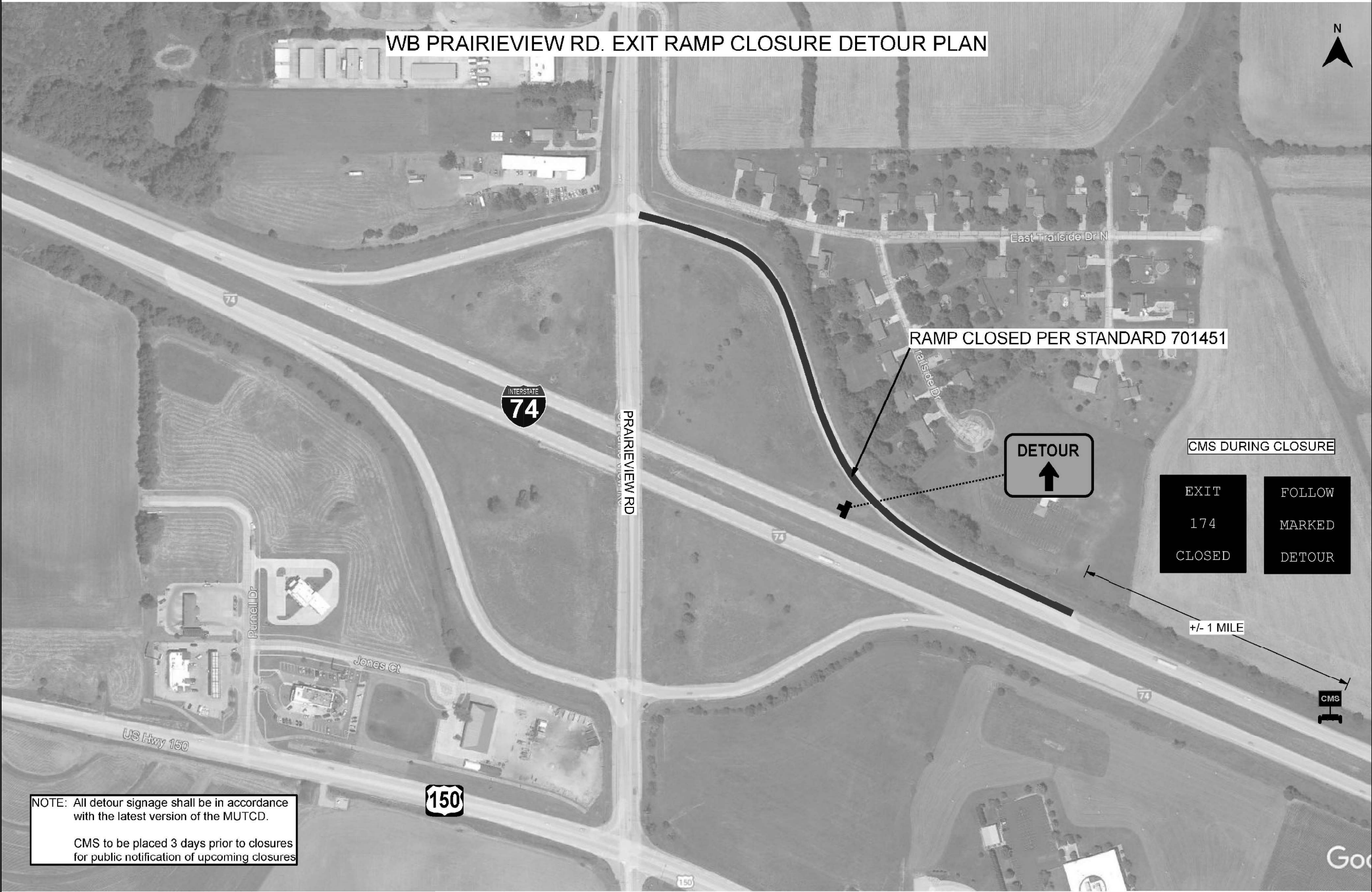
	USER NAME = jerry.young	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						74	D5 CM PATCHING 2025-3	CHAMPAIGN	19	12
		CHECKED -	REVISED -		SCALE: SHEET 12 OF 19 SHEETS STA. TO STA.				CONTRACT NO. 70H42				
	PLOT DATE = 3/12/2025	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

SCHEDULES OF QUANTITIES

PRAIRIEVIEW EB (RAMP F) CLASS B PATCH 11" - URBAN											
					44200982	44200986	44200988	44201299	44213200	44213204	44200050
STATION	DIRECTION	LANE	LENGTH	WIDTH	CLASS B PATCH TYPE II 11"	PATCH TYPE III 11"	CLASS B PATCH TYPE IV 11"	DOWEL BARS 1 1/2"	SAW CUTS	TIE BARS 3/4"	WELDED WIRE REINFORCEMENT
			(ft)	(ft)	(sq. yd)	(sq. yd)	(sq. yd)	(each)	(ft)	(each)	(sq. yd)
1633+62.00	EB	PRAIRIEVIEW RAMP F	8	13	11.6	0.0	0.0	22	55.0	0	0.0
					0.0	0.0	0.0	0	0.0	0	0.0
700+18.00	EB	PRAIRIEVIEW RAMP F	75	55	0.0	0.0	458.3	265	315.0	25	458.3
701+33.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
701+76.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
702+20.00	EB	PRAIRIEVIEW RAMP F	10	16	0.0	17.8	0.0	28	68.0	0	17.8
702+50.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
703+25.00	EB	PRAIRIEVIEW RAMP F	10	16	0.0	17.8	0.0	28	68.0	0	17.8
703+50.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
703+75.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
704+21.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
704+74.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
704+90.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
705+03.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
705+26.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
705+41.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
705+60.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
705+80.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
706+03.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
706+19.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
706+29.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
706+45.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
707+26.00	EB	PRAIRIEVIEW RAMP F	8	16	14.2	0.0	0.0	28	64.0	0	0.0
708+25.00	EB	PRAIRIEVIEW RAMP F	8	16	14.2	0.0	0.0	28	64.0	0	0.0
708+80.00	EB	PRAIRIEVIEW RAMP F	8	16	14.2	0.0	0.0	28	64.0	0	0.0
709+20.00	EB	PRAIRIEVIEW RAMP F	6	16	10.7	0.0	0.0	28	60.0	0	0.0
710+15.00	EB	PRAIRIEVIEW RAMP F	10	16	0.0	17.8	0.0	28	68.0	0	17.8
714+20.00	EB	PRAIRIEVIEW RAMP F	8	16	14.2	0.0	0.0	28	64.0	0	0.0
PRAIRIEVIEW EB RAMP CLASS B PATCH					260.4	53.3	458.3	987.0	1910.0	25.0	511.7
SUB TOTALS					(sq. yd)	(sq. yd)	(sq. yd)	(each)	(ft)	(each)	(sq. yd)

MODEL: SUM OF SCHED PGS (Sheet)
FILE NAME: c:\p\work\wtd\illinois.gov_jerry.young\040097\0570H42-Schedules.dgn

MODEL: Detour Plans (Sheet)
FILE NAME: c:\p\work\illinois.gov\jerry.young\0570H42-gennote.dgn



USER NAME = jerry.young	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WB PRAIRIEVIEW RD EXIT RAMP TRAFFIC CONTROL PLAN			
SCALE:	SHEET 14 OF 19 SHEETS	STA.	TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	D5 CM PATCHING 2025-3	CHAMPAIGN	19	14
CONTRACT NO. 70H42				
ILLINOIS FED. AID PROJECT				

WB PRAIRIEVIEW RD. EXIT RAMP CLOSURE DETOUR PLAN

DETOUR (Left Turn)

DETOUR (Left Turn)

DETOUR (Left Turn)

DETOUR (Right Turn)

DETOUR (Right Turn)

DUAL DISPLAY

NOTE: All detour signage shall be in accordance with the latest version of the MUTCD.

CMS's to be placed 3 days prior to closures for public notification of upcoming closures.

Contact Dave Burkybile at 217-264-6035 for any necessary signal timing adjustments three (3) days prior to closure.

Contact Dave Burkybile at 217-264-6035 for any necessary signal timing adjustments three (3) days prior to closure.

USER NAME = jerry.young	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/29/2025	DATE -	REVISED -

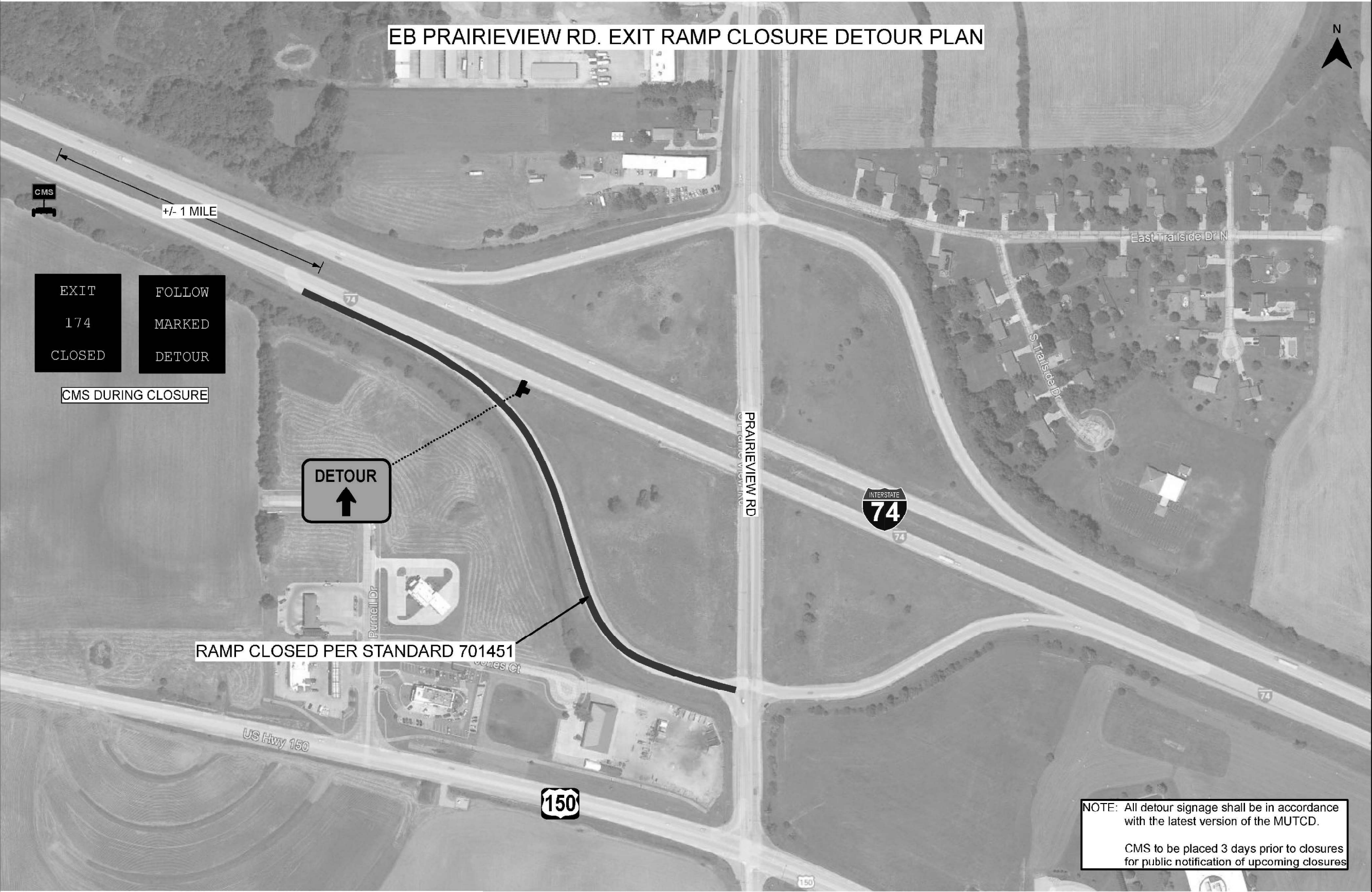
**WB PRAIRIEVIEW RD EXIT RAMP
TRAFFIC CONTROL PLAN**

SCALE:	SHEET 15 OF 19 SHEETS	STA.	TO STA.
--------	-----------------------	------	---------

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	D5 CM PATCHING 2025-3	CHAMPAIGN	19	15
		CONTRACT NO. 70H42		
		ILLINOIS	FED. AID PROJECT	

MODEL: DETOUR PLANS 2 [Sheet]
FILE NAME: c:\pw_ work\pidw\illinois.gov_jerry.young@illinois.gov\1040097\ID570H42-gennote.dgn

MODEL: DETOUR PLANS 3 (Sheet)
FILE NAME: c:\p\work\illinois.gov\jerry.young\040097\0570H42-gennote.dgn



NOTE: All detour signage shall be in accordance with the latest version of the MUTCD.

CMS to be placed 3 days prior to closures for public notification of upcoming closures

USER NAME = jerry.young	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB PRAIRIEVIEW RD EXIT RAMP TRAFFIC CONTROL PLAN			
SCALE:	SHEET 16 OF 19 SHEETS	STA.	TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	D5 CM PATCHING 2025-3	CHAMPAIGN	19	16
CONTRACT NO. 70H42				
ILLINOIS FED. AID PROJECT				

MODEL: DETOUR PLANS 4 (Sheet)
FILE NAME: c:\p\work\illinois.gov\1040097\0570H42-gennote.dgn



NOTE: All detour signage shall be in accordance with the latest version of the MUTCD.

CMS's to be placed 3 days prior to closures for public notification of upcoming closures.

Contact Dave Burkybile at 217-264-6035 for any necessary signal timing adjustments three (3) days prior to closure.

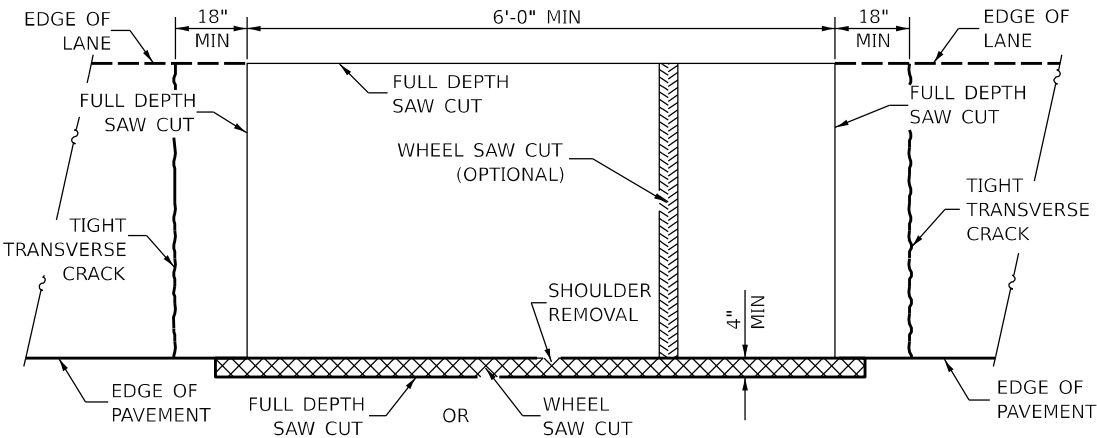
USER NAME = jerry.young	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/29/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

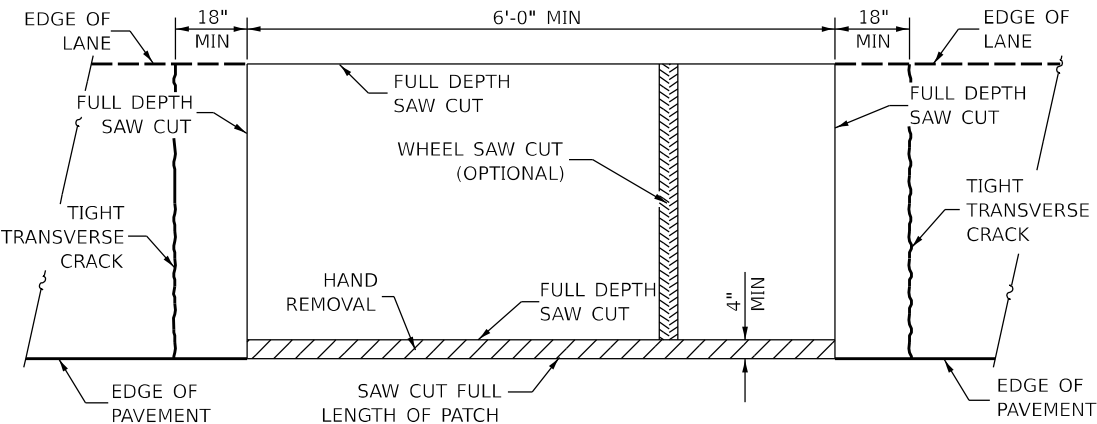
EB PRAIRIEVIEW RD EXIT RAMP TRAFFIC CONTROL PLAN			
SCALE:	SHEET 17 OF 19 SHEETS	STA.	TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	D5 CM PATCHING 2025-3	CHAMPAIGN	19	17
CONTRACT NO. 70H42				
ILLINOIS FED. AID PROJECT				

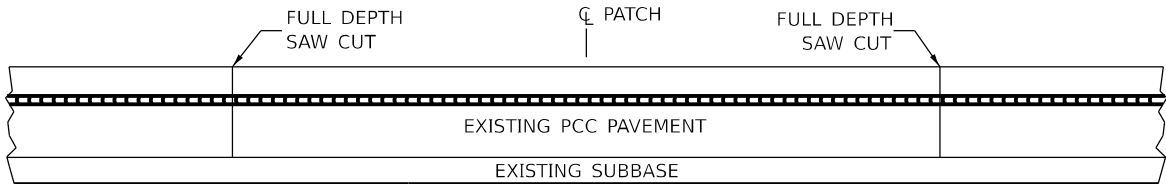
MODEL: CLASS A (SPECIAL) [Sheet]
FILE NAME: c:\pav_work\wvdot\illinois.gov\1040097\0570H42-gennote.dgn



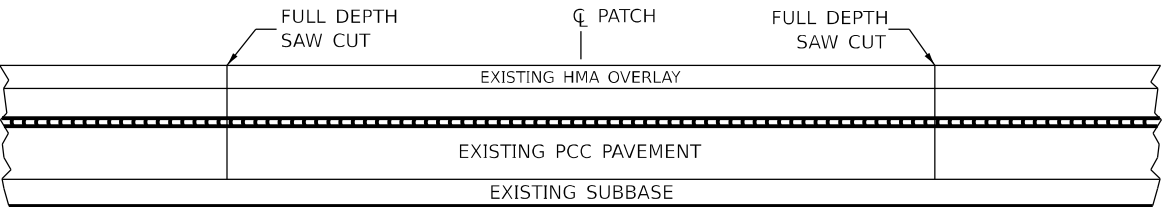
PAVEMENT SAWING DETAIL
(HMA SHOULDER)



PAVEMENT SAWING DETAIL
(PCC SHOULDER)

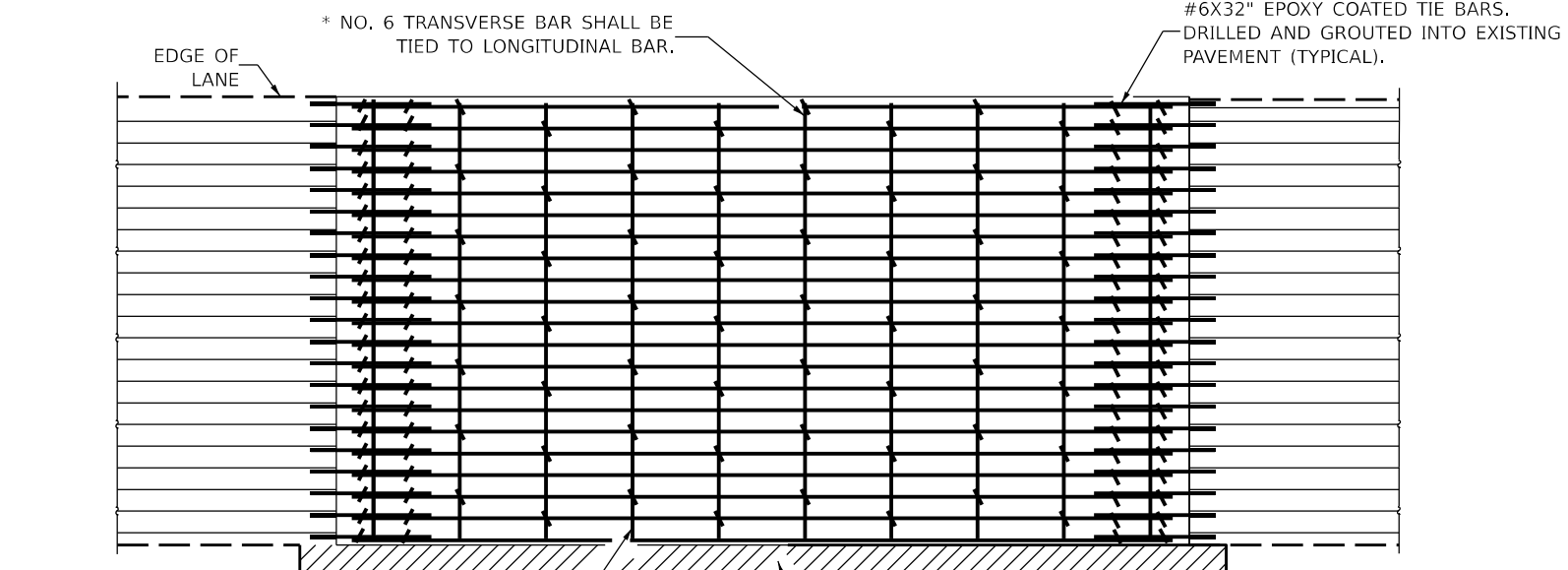


EXISTING PAVEMENT WITHOUT HMA SURFACE

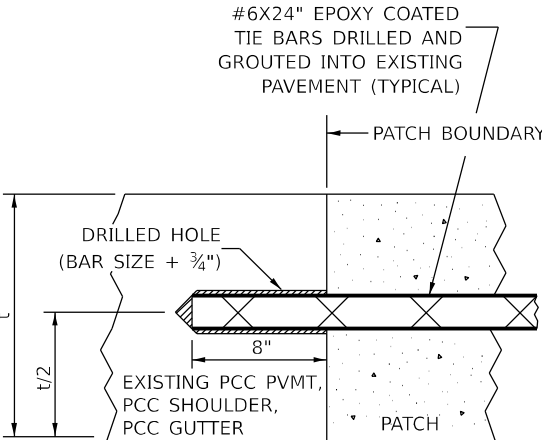


EXISTING PAVEMENT WITH HMA SURFACE

PAVEMENT SAWING DETAIL FOR CLASS A PATCHING
(CRC PAVEMENT)



PAVEMENT REINFORCEMENT DETAIL



LONGITUDINAL CONSTRUCTION JOINT

PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, PCC SHOULDERS OR PCC CURB AND GUTTER WITH #6x24" EPOXY COATED TIE BARS AT 24" CENTERS.

NOTES:

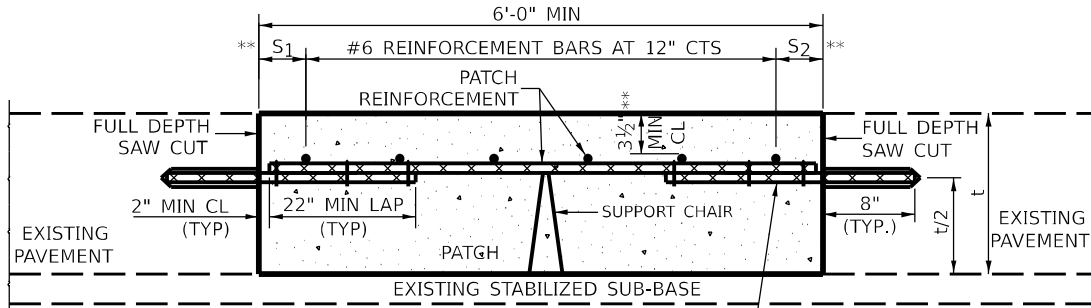
EXISTING LONGITUDINAL REINFORCEMENT SPACING; $\pm 6 \frac{1}{2}$ ".

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.

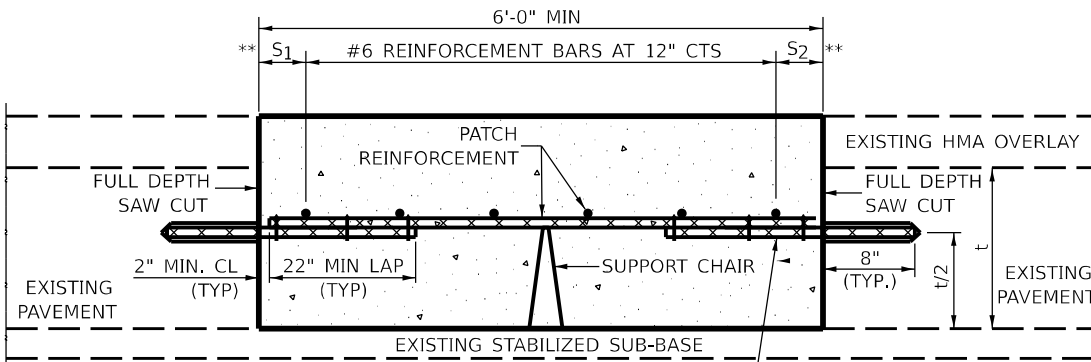
SUPPORT CHAIRS SHALL BE REQUIRED WHENEVER PATCH LENGTH EXCEEDS 6'-0"

* 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_1 AND S_2 ARE $2 \frac{1}{2}$ " MIN. AND 12" MAX.



WITHOUT HMA OVERLAY



WITH HMA OVERLAY

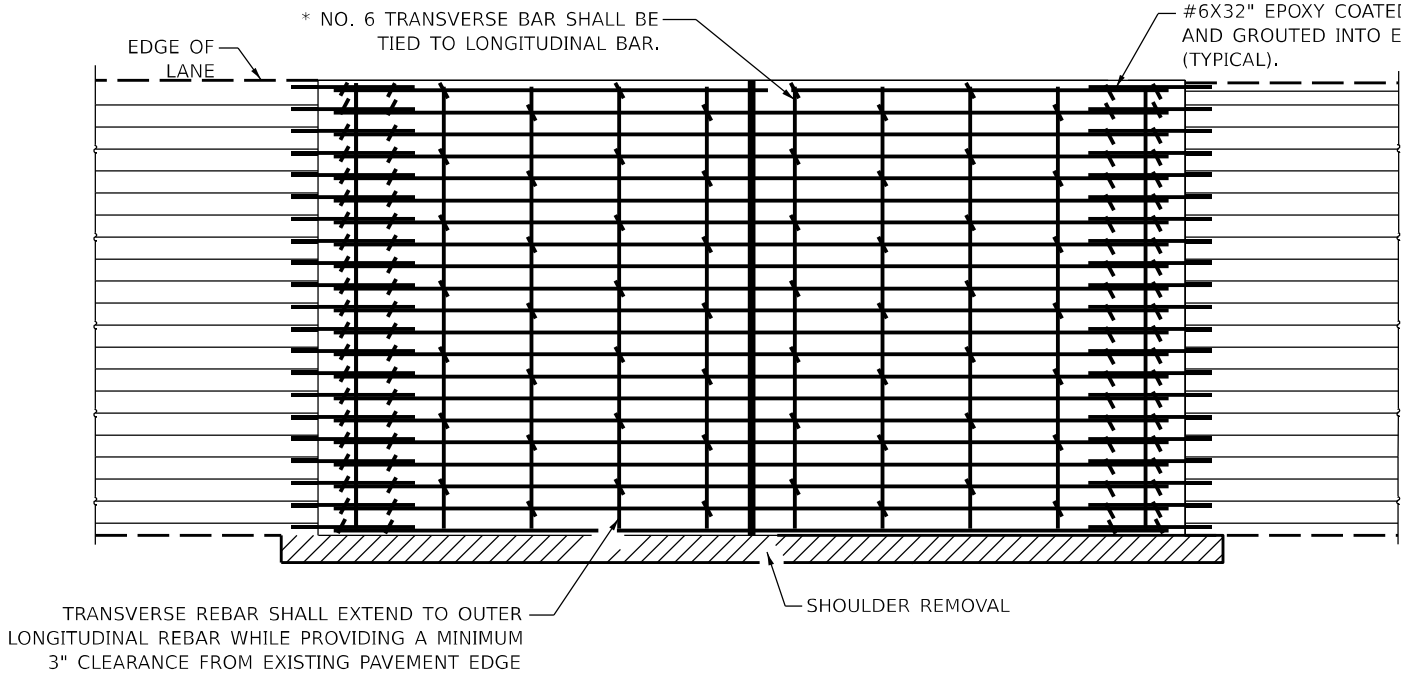
PATCHING DETAIL FOR CLASS A PATCHING
(CRC PAVEMENT)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

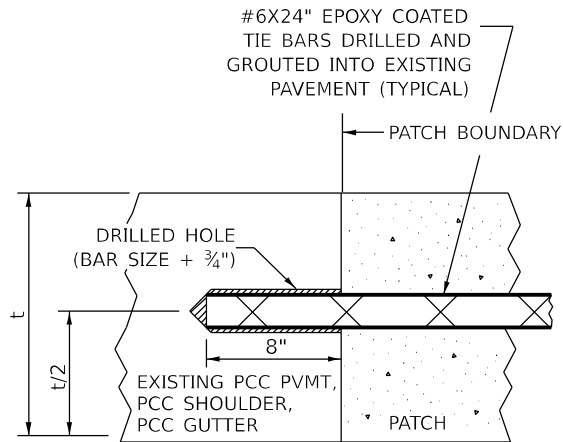
CLASS A PATCHING
(SPECIAL)

SCALE: SHEET 18 OF 19 SHEETS STA. TO STA.

F&I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	D5 CM PATCHING 2025-3	CHAMPAIGN	19	18
CONTRACT NO. 70H42				
ILLINOIS FED. AID PROJECT				

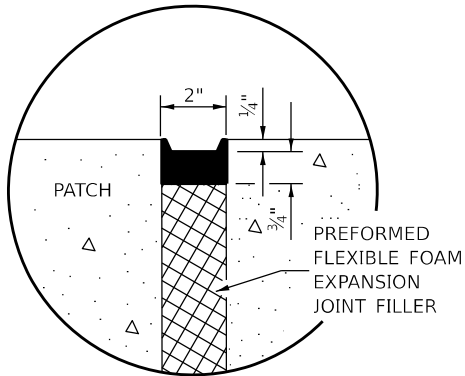


PAVEMENT REINFORCEMENT DETAIL

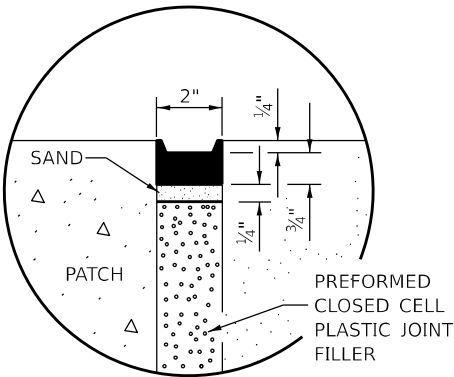


LONGITUDINAL CONSTRUCTION JOINT

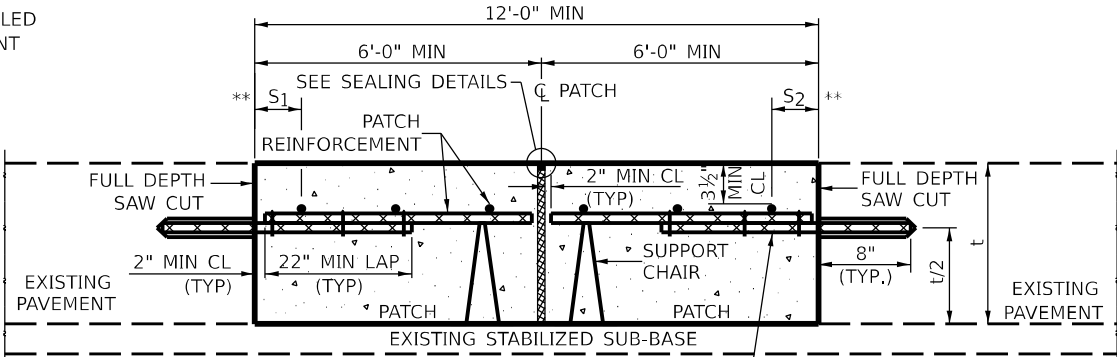
PATCHES MORE THAN 20' IN LENGTH SHALL BE TIED TO ADJACENT PAVEMENT, PCC SHOULDERS OR PCC CURB AND GUTTER WITH #6X24" EPOXY COATED TIE BARS AT 36" CENTERS.



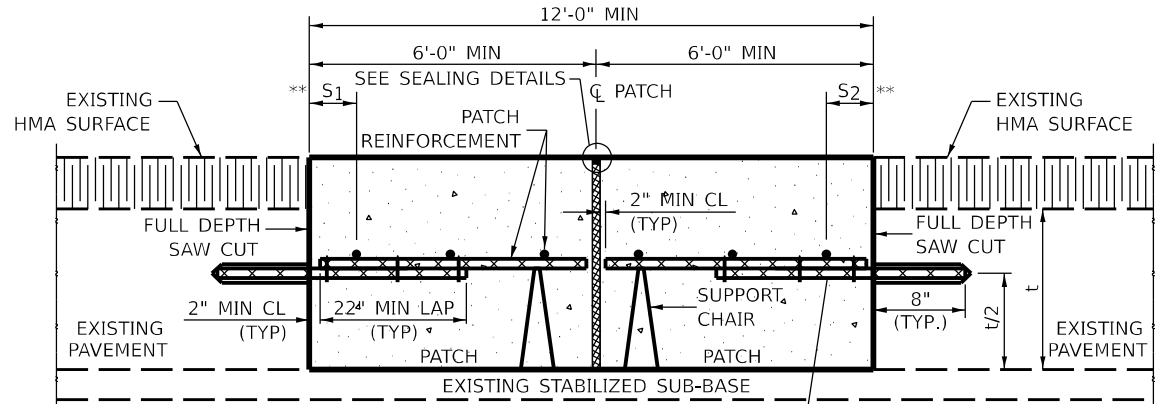
SEALING DETAIL



SEALING DETAIL



WITHOUT HMA OVERLAY



WITH HMA OVERLAY

CLASS A PATCH WITH EXPANSION JOINT

- NOTES:
- EXISTING LONGITUDINAL REINFORCEMENT SPACING; $\pm 6 \frac{1}{2}$ ".
 - 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 S₁ AND S₂ ARE 2½" MIN. AND 12" MAX.

MODEL: CLASS A SPECIAL2 [Sheet]
FILE NAME: c:\pav_work\wvtd\illinois.gov\jerry.young\illinois.gov\1040097\0570H42-genote.dgn

	USER NAME = jerry.young	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 1/28/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS A PATCHING
(SPECIAL)

SCALE: SHEET 19 OF 19 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	D5 CM PATCHING 2025-3	CHAMPAIGN	19	19
CONTRACT NO. 70H42				
ILLINOIS FED. AID PROJECT				