04-26-2024 LETTING ITEM 110

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAP ROUTE 774 (ILL 128)
SECTION D7 CAPE SEAL 2024–1
PROJECT STP–GQ18(368)
CAPE SEAL
FAYETTE, EFFINGHAM COUNTY

C-97-117-23

STATION EQUATIONS:

ADT: 2700 (2021)

0

STA. 756 + 46.00 (BK) = STA. 757 + 02.64 (AH) STA. 810 + 67.20 (BK) = STA. 811 + 63.20 (AH)

FAP ROUTE 774 (ILL 128)
SECTION D7 CAPE SEAL 2024–1
FAYETTE, EFFINGHAM COUNTY
BEGINS STA. 733 + 00

199 1 199 1

FAP ROUTE 774 (ILL 128)
SECTION D7 CAPE SEAL 2024–1
FAYETTE, EFFINGHAM COUNTY
ENDS STA. 859 + 61

N A T

D-97-086-23



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED JANUARY 31 20 24

REGIONAL ENGINEER

March 22, 2024

ENGINEER OF DESIGN AND ENVIRONMENT

March 22, 2024

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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 EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: MATT BOWER
PROJECT MANAGER: DESTINY WILLIAMS

CONTRACT NO. 74C43

GROSS LENGTH = 12,508.36 FT. = 2.369 MILES

NET LENGTH = 12,508.36 FT. = 2.369 MILES

REV. - MS

GENERAL NOIES

THE PROPOSED WORK IS LOCATED ON ILL 128 IN FAYETTE AND EFFINGHAM COUNTY FROM SHELBY COUNTY LINE TO ILL 33.

THE WORK INCLUDED IN THIS SECTION CONSISTS OF APPLYING CAPE SEAL TO ILL 128, PLUS ANY OTHER NECCESSARY WORK TO COMPLETE THE SECTION.

FOR CAPE SEAL, THE AGGREGATE GRADATION FOR THE A-1 BITUMINOUS SURFACE TREATMENT SHALL BE CRUSHED STONE, CA 16, AND FRICTION AGGREGATE MIXTURE D.

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE A-1 TREATMENT AND THE MICROSURFACE. THE CENTERLINE STRIPES FOR SHORT TERM PAVEMENT MARKING SHALL BE PAINT AND CONSIST OF 10 FEET LONG AT 40 FEET CENTERS. THE TEMPORARY PAVEMENT MARKING SHALL BE APPLIED DIRECTLY OVER THE SHORT TERM PAVEMENT MARKING. FINAL PAVEMENT MARKING SHALL BE PLACED AFTER A CURE TIME OF 30 DAYS.

THE EXISTING ROADWAY STATIONS SHALL BE COVERED PRIOR TO THE CAPE SEAL AND/OR THE MICRO-SURFACING. THE COVER SHALL BE REMOVED AFTER WORK IS COMPLETED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE "TRAFFIC CONTROL AND PROTECTION STANDARDS."

INDEX_OE_SHEEIS

SHEET NO. DESCRIPTION

- COVER SHEET
 INDEX OF SHEETS & GENERAL NOTES
 SUMMARY OF QUANTITIES
- TYPICAL SECTIONS
- SCHEDULE OF QUANTITIES
- 6-9 DETAILS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING SHEET NUMBER SHEET NO. 5.

000001-08 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

DECIMAL OF AN INCH AND OF A FOOT 001006

667101-02 PERMANET SURVEY MARKERS

701001-02

OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS 701006-05

701301-04

701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH

701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY

701901-09 TRAFFIC CONTROL DEVICES 780001-05 TYPICAL PAVEMENT MARKINGS

781001-04 TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKERS

USE^RNAME = jessica.hille DESIGNED DRAWN REVISED CHECKED REVISED REVISED PLOT DATE = 1/25/2024 DATE

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION COUNTY SHEETS NO. INDEX OF SHEETS AND GENERAL NOTES 774 D7 CAPE SEAL 2024-1 VARIOUS 9 2 CONTRACT NO. 74C43 OF SHEETS STA.

REV. - MS

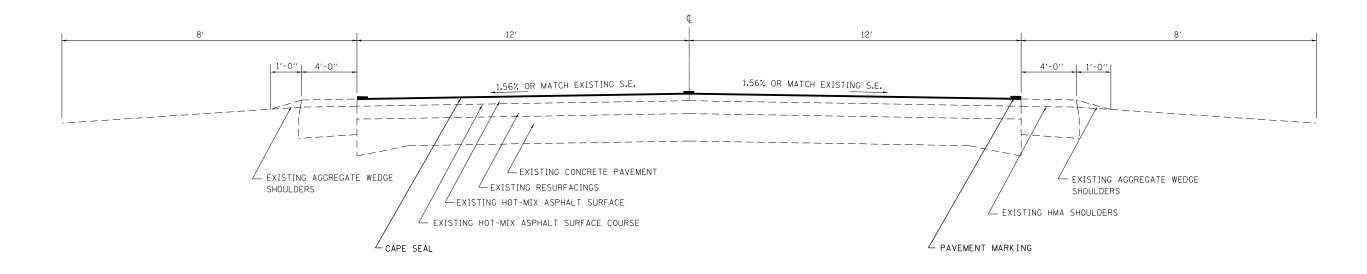
	CLIMMADY OF OLIMBITITIES			CONS	STRUCTION TYPE CODE
CODE NO	SUMMARY OF QUANTITIES ITEM	UNIT	TOTAL QUANTITIES	0005 FAYETTE COUNTY	0005 EFFINGHAM COUNTY
40500061	CAPE SEAL	SO YD	33356	20484	12872
67100100	MOBILIZATION	L SUM	1	0.6	0.4
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	0.6	0.4
	701306				
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	14	14
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1251	768	483
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	28596	17283	11313
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	28596	17283	11313
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	246	168	78
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	241	169	72
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	7	2	5

* SPECIALTY ITEM

USER NAME = jessica hille	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 1/25/2024	DATE -	REVISED -

	_						F.A.P. RTE	SECTI	ON	COUNTY	TOTAL SHEETS	SHEET NO.
SUMMARY OF QUANTITIES						774	D7 CAPE SEA	AL 2024-1	VARIOUS	9	3	
										CONTRACT	NO. 7	1C43
SCALE:	SHEET 3	OF	6	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT					

TYPICAL CROSS SECTION



STA 733+00.00 TO STA 756+46.00 STA 757+02.64 TO STA 810+67.20 STA 811+63.20 TO STA 859+61.00

NOTE: NOT DRAWN TO SCALE

USER NAME = jessica.hille DESIGNED -REVISED SECTION
 RATE.
 SECTION
 COUNTY
 SHEETS
 NO.

 774
 D7 CAPE SEAL 2024-1
 VARIOUS
 9
 4
 STATE OF ILLINOIS TYPICAL SECTION DRAWN REVISED **DEPARTMENT OF TRANSPORTATION** CHECKED REVISED CONTRACT NO. 74C43 PLOT DATE = 1/25/2024 DATE SHEET 4 OF 6 SHEETS STA. TO STA.

			SCHEDU	LE OF QUA	NTITIES			
		LENGTH	WIDTH	CAPE SEAL	SHORT TERM PAVEMENT MARKING	PAINT PAVEMENT MARKING - YELLOW	PAINT PAVEMENT MARKING - WHITE	
			LLIVOTTI	WIDIII	40500061	70300100	78001130	78001130
STATI	ON TO ST	ATION	(FOOT)	(FOOT)	(SQ YD)	(FOOT)	(FOOT)	(FOOT)
FAY	ETTE CO	UNTY						
733+00.00	ТО	756+46.00	2,346.0	24	6,256.0	234.6	586.5	4,692.0
757+02.64	TO	810+38.00	5,335.4	24	14,227.6	533.5	1,333.8	10,670.7
	FAYET	TE TOTALS=	7,681.4		20,483.6	768.1	1,920.3	15,362.7
EFFIN	GHAM C	YTNUC						
810+38.00	TO	810+67.20	29.2	24	77.9	2.9	7.3	58.4
811+63.20	TO	859+61.00	4,797.8	24	12,794.1	479.8	1,199.5	9,595.6
855+09.00	ТО	859+61.00		24	0	0	452	0
	EFFINGHA	AM TOTALS=	4,827.0		12,872.0	482.7	1,658.8	9,654.0
GRAND TOTAL=			12,508.4		33,356	1,251	3,579	25,017

*NOTE: NO PASSING ZONE SBL

									_	
RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE										
STATION TO STATION			LENGTH	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER	SBL EOP RAISED REFLECTIVE PAVEMENT MARKER	NBL EOP RAISED REFLECTIVE PAVEMENT MARKER	CENTERLINE RAISED REFLECTIVE PAVEMENT WARKER		
				78300200	78100100	78100100	78100100	78100100		
			FOOT	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)		
FAYETTE COUNTY		JNTY								
733+00.00	TO	756+46.00	2,346.0	29	29	0	0	0		
757+02.64	TO	798+67.00	4,164.4	52	52	0	0	0		
798+67.00	ТО	810+38.00	1,171.0	88	0	29	29	29	*	
	FAYETT	E TOTALS=	7,681.4	169	81	29	29	29		
EFFIN	GHAM CC	YTNUC]	
810+38.00	TO	810+67.20	29.2	3	0	1	1	1	*	
811+63.20	TO	813+06.00	142.8	15	0	5	5	5	*	
813+06.00	TO	859+61.00	4,655.0	54	60	0	0	0]	
	EFFINGHA	M TOTALS=	4,827.0	72	60	6	6	6]	
	GRAN	D TOTAL=	12,508.4	241	141	35	35	35		

*SPACING SHALL BE 40'

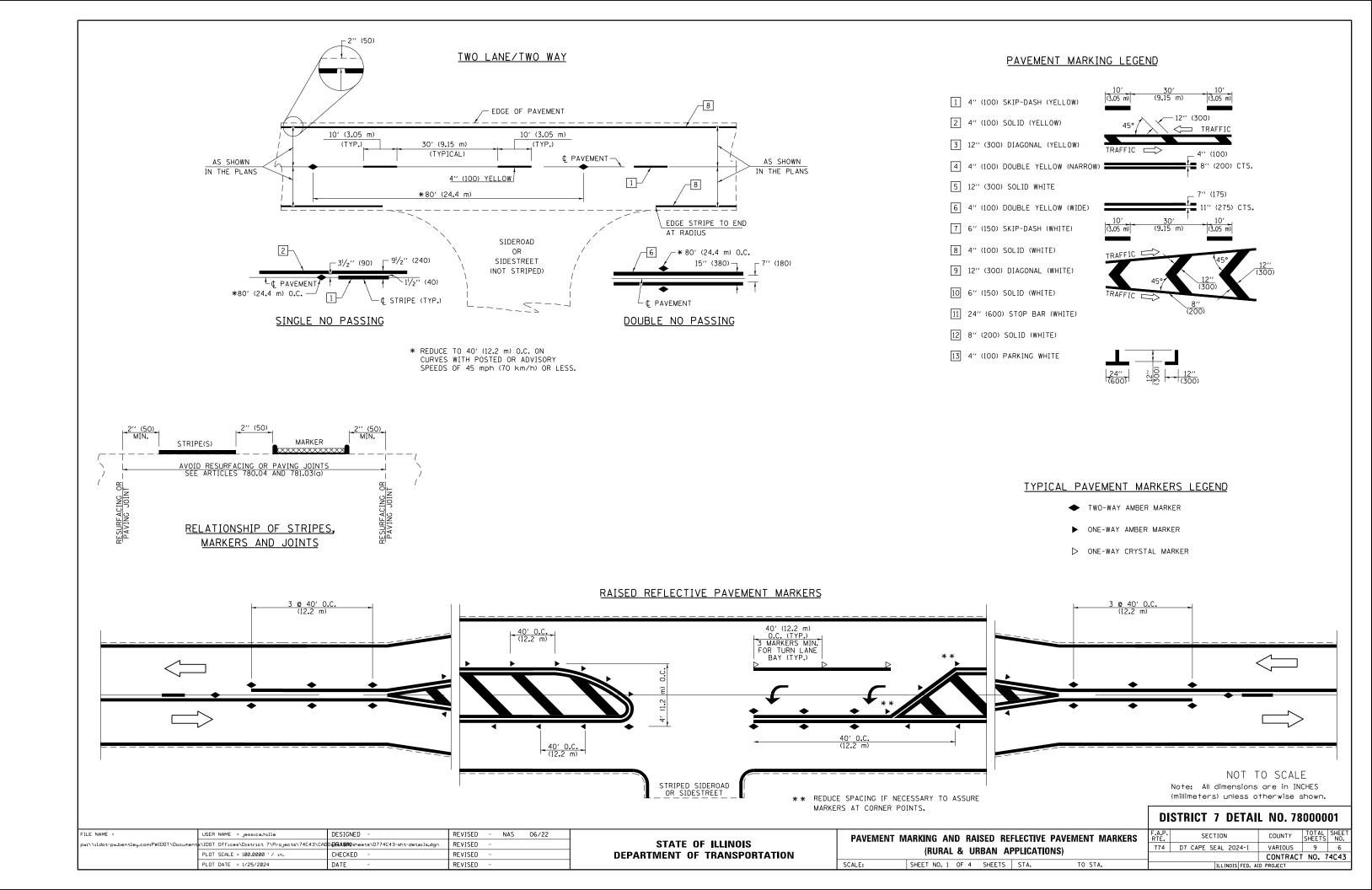
*SPACING SHALL BE 40' *SPACING SHALL BE 40'

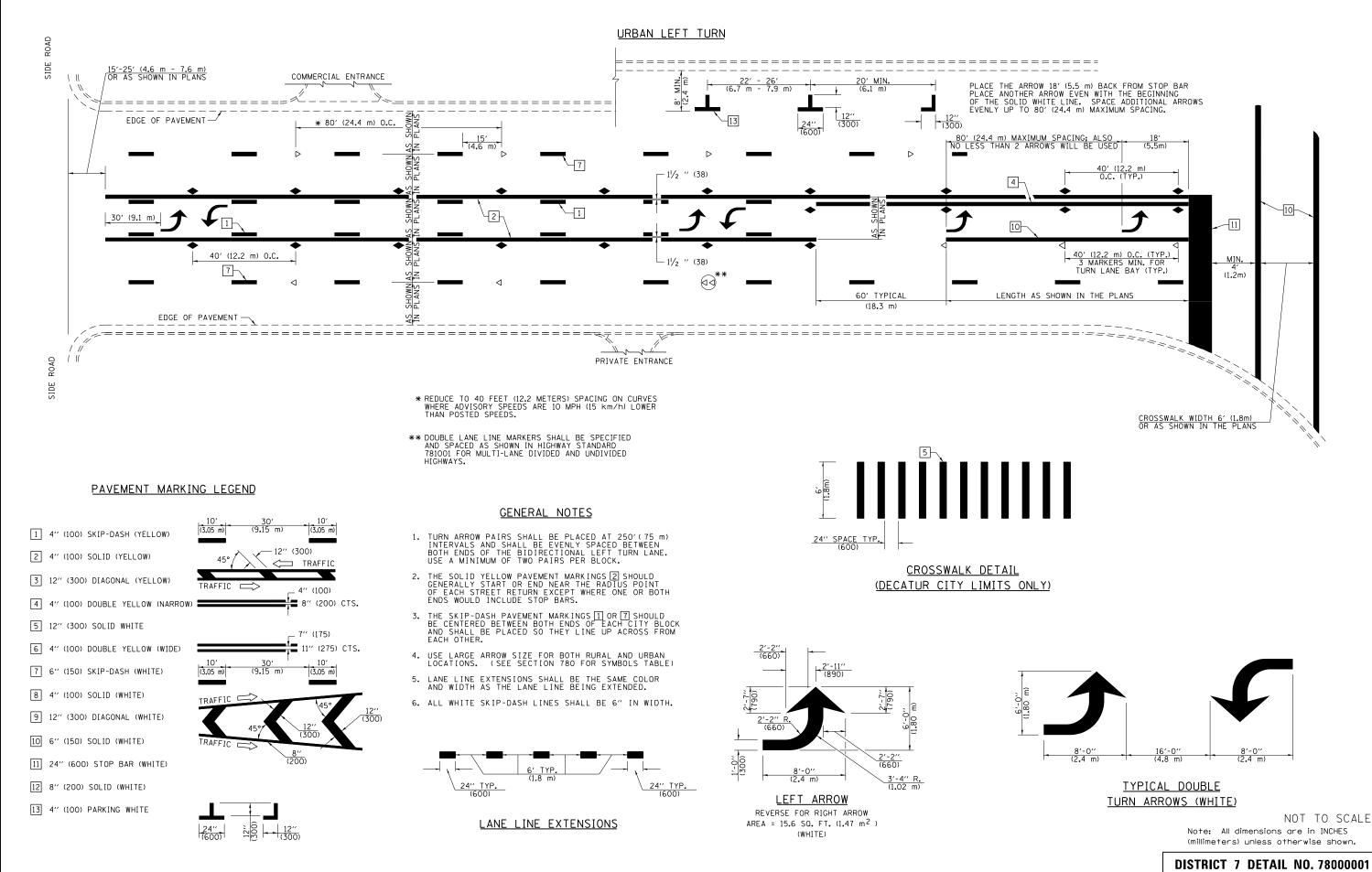
SURVEY MARKER SCHEDULE											
POINT NO.	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION						
101	928,854.90	844,812.01	733+86.50	0	PC - MAG NAIL IN CL						
102	927,209.40	846,318.30	756+46.00 BK = 757+02.64 AH	0	PT STA/EQ - MAG NAIL IN CL						
103	923,502.30	850,475.43	817+29	0	IP WITH CAP - NE Corner of Sec. 25, T9N, R4E						
104	923,417.22	850,474.43	818+14.23	0	IP WITH ALUMINUM CAP IN VAULT - NW Corner of Sec 30, T9N, R4E						
105	920,861.48	850,446.42	843+70	8.7 ' RT	5/8 BENT PIN, BURIED 6 INCHES, NO VAULT - E 1/4 Corner of Sec 25, T9N, R3E						
106	920,800.49	850,446.79	844+31	8.5' R⊤	IP WITH ALUM CAP IN VAULT - W 1/4 Corner of Sec. 30, T9N, R4E						
107	919,731.80	850,446.79	855+00.00	0	POT - ALUM VAULT UNABLE TO OPEN						

USER NAME = matthew.bower	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 3/6/2024	DATE -	REVISED -

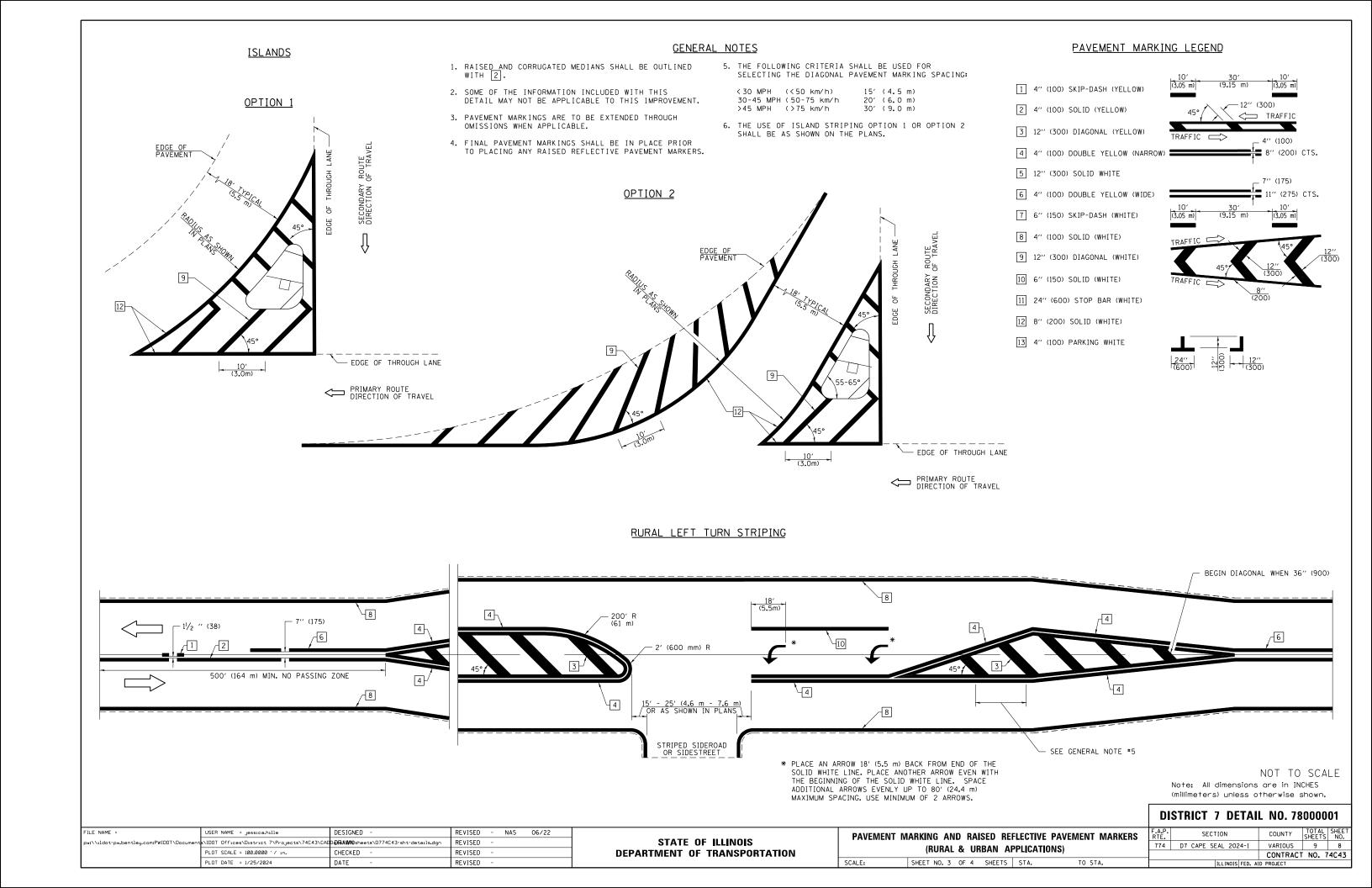
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DEPARTMENT	0F	TRANSPORTA	TIO

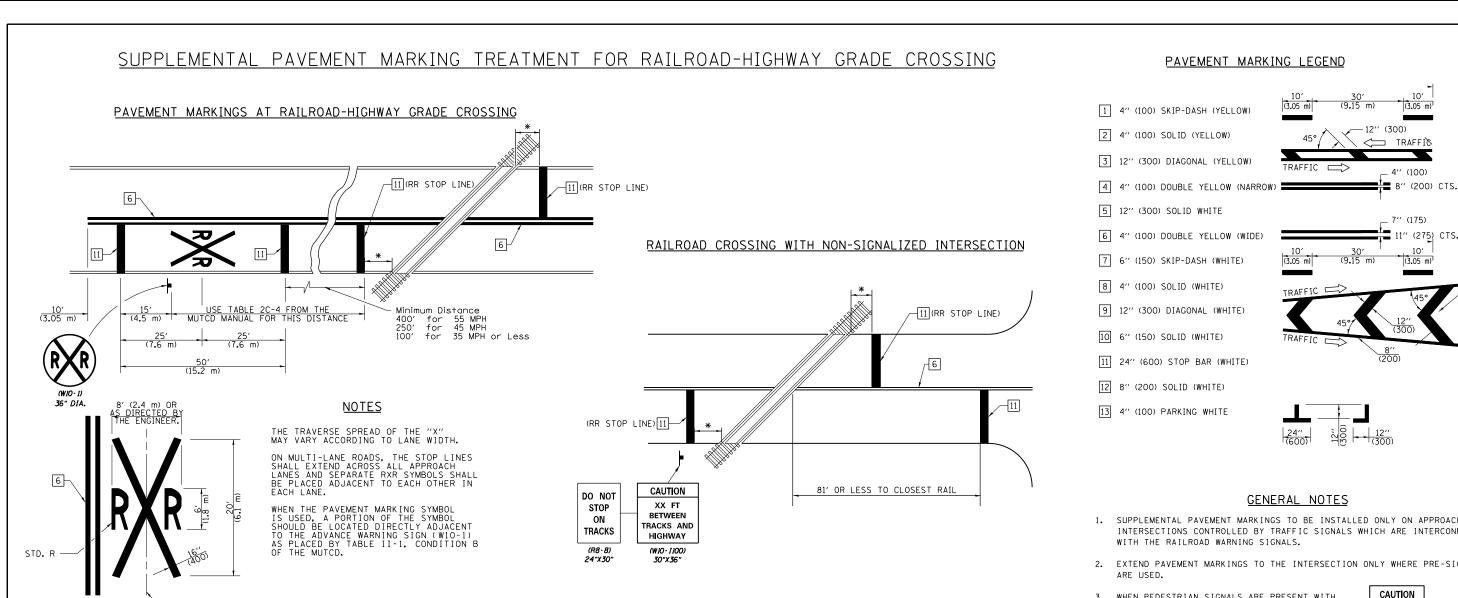
				_		F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SCHEDULES							VARIOUS	9	5
								CONTRACT	NO. 74	1C43
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				





FILE NAME : DESIGNED REVISED NAS 06/22 USER NAME = jessica.hille COUNTY PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS STATE OF ILLINOIS NDOT Offices\District 7\Projects\74C43\CADDADAMADsheets\D774C43-sht-details.dom REVISED 9 7 774 D7 CAPE SEAL 2024-1 VARIOUS (RURAL & URBAN APPLICATIONS) CHECKED REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 74C43 SHEET NO. 2 OF 4 SHEETS STA. PLOT DATE = 1/25/2024 DATE REVISED





RAILROAD CROSSING WITH INTERCONNECT ONLY

DESIGNED -

CHECKED -

DATE

\|DDT_Dffices\District_7\Projects\74C43\CADD&BABBOsheets\D774C43-sht-details.dom

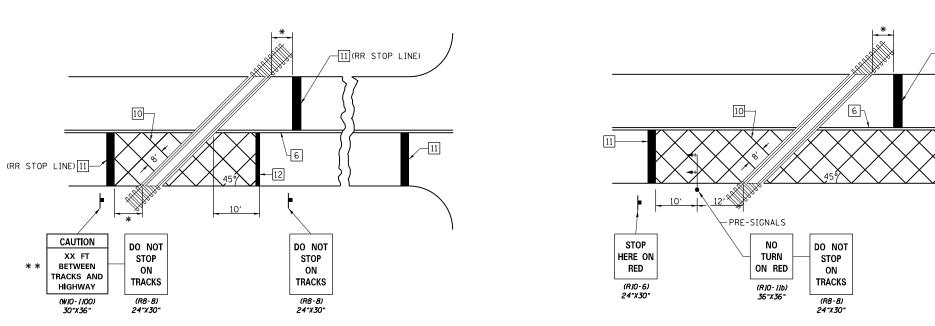
USER NAME : jessice.hille

PLOT DATE : 1/25/2024

PLOT SCALE = 100.0000 '/ In.

FILE NAME :

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



REVISED

REVISED

REVISED -

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED
- 2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE PRE-SIGNALS
- 3. WHEN PEDESTRIAN SIGNALS ARE PRESENT WITH INTERCONNECTED SIGNALS, WARNING SIGN W10-I101 (18"X24") SHALL BE PLACED NEAR EACH PEDESTRIAN SIGNAL HEAD. COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL NOT BE UTILIZED ALONG WITH INTERCONNECTED SIGNALS.

CAUTION WALK TIME SHORTENED WHEN TRAIN APPROACHES

(W10-1101)

- PLEASE REFER TO THE IDOT BUREAU OF OPERATION MEMO OPS T-06 DATED DECEMBER 1, 2020 FOR ADDITIONAL INFORMATION
- 15' FROM NEAR RAIL OR 8' FROM AND PARALLEL TO GATE IF PRESENT
- ** WARNING SIGN W10-I100 SHALL BE USED AS AN INTERIM MEASURE AT INTERCONNECTED SIGNAL LOCATIONS WHERE PRE-SIGNALS ARE TO BE INSTALLED IN THE FUTURE. THIS SIGN SHALL BE REMOVED WHEN THE PRE-SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS ARE EXTENDED TO THE INTERSECTION.

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DI	STRICT 7 DETAI	L NO. 78	0000	01						
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.						
774	D7 CAPE SEALING 2024-1	VARIOUS	9	9						
		CONTRACT	NO. 7	'4C43						
	ILLINOIS FED. AID PROJECT									

REVISED - NAS 06/22

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS) SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

-11 (RR STOP LINE)

DO NOT

STOP

ON

TRACKS

(R8-8)

24"X30"