

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	18RS-1	MOULTRIE	16	1
		ILLINOIS	CONTRACT NO. 74940	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

AADT (2021) = 1600

**PROPOSED
HIGHWAY PLANS**

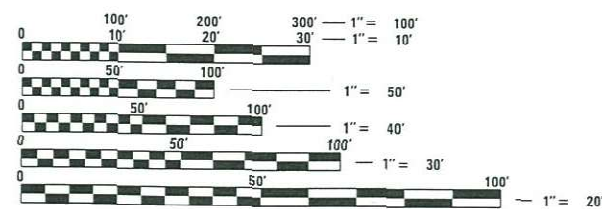
FAS ROUTE 642 (BRUCE/FINDLAY RD.)
SECTION 18RS-1
PROJECT STP-2FVT(664)
RESURFACING
MOULTRIE COUNTY

C-97-016-20



PROJECT BEGINS
STA. 187+00

PROJECT ENDS
STA. 273+40



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: DEBRA G. BARRETT
PROJECT MANAGER: DEBRA G. BARRETT
PHONE NUMBER: (217) 342-8243
CONTRACT NO. 74940

GROSS LENGTH = 8640.00 FT. = 1.636 MILE
NET LENGTH = 8640.00 FT. = 1.636 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 17, 2020
Jeffrey P. Myrland
REGIONAL ENGINEER

October 2, 2020
Scott A. Elk
ENGINEER OF DESIGN AND ENVIRONMENT

October 2, 2020
Gerrit J. Jan
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION '13

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OF THE STATE OF ILLINOIS

GENERAL NOTES

THE WORK IN THIS SECTION INCLUDES PATCHING, MILLING AND RESURFACING THE EXISTING PAVEMENT, AGGREGATE SHOULDERS, PAINT PAVEMENT MARKINGS, AND OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

THE PROPOSED PROJECT BEGINS 4.3 MILES EAST OF IL 32, AND CONTINUES TO 1.5 MILES WEST OF IL 121.

SHORT TERM PAVEMENT MARKING ON THE MILLED SURFACE SHALL BE PAINT. ALL OTHER SHORT TERM PAVEMENT MARKINGS SHALL BE TAPE.

THE QUANTITIES FOR PAVEMENT PATCHING ITEMS ARE ESTIMATES. THE ACTUAL LOCATIONS AND QUANTITIES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

QUANTITIES FOR PAINT PAVEMENT MARKING - LINE 4" CONSISTS OF 2,183 FEET OF YELLOW, AND 17,460 FEET OF WHITE.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE HMA SURFACE COURSE.

MATERIAL FOR AGGREGATE WEDGE SHOULDER, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE OR RAP.

MATERIAL FOR AGGREGATE SURFACE COURSE, TYPE B SHALL BE CRUSHED STONE, OR CRUSHED CONCRETE.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	TESTING PARAMETER
HMA SURFACE COURSE, IL-9.5, MIX "C" N70	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	QC/OA
HMA BINDER COURSE, IL-9.5FG, N70	PG 64-22	4.0% @ N=70	IL - 9.5FG	N/A	QC/OA
INCIDENTAL HMA SURFACING	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	QC/OA
CLASS D PATCHING	PG 64-22	4.0% @ N=70	IL - 19.0	N/A	QC/OA

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS & GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL CROSS SECTION
5-7	SCHEDULES OF QUANTITIES
8-10	PLAN SHEETS
11-16	DETAILS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS.

STD. NO.	DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C AND D PATCHES
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
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
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -				642	18R5-1	MOULTRIE	16	2
PLOT DATE = 8/18/2020	CHECKED -	REVISED -		SCALE:		SHEET 1 OF 1 SHEETS		STA. TO STA.		ILLINOIS FED. AID PROJECT
	DATE -	REVISED -								CONTRACT NO. 74940

80% FED
20% STATE

80% FED
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	3	3		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	14377	14377		
40600990	TEMPORARY RAMP	SQ YD	25	25		
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	2077	2077		
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	2391	2391		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	91	91		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	21340	21340		
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	156	156		
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	570	570		
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	289	289		
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	370	370		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	991	991		
67100100	MOBILIZATION	L SUM	1	1		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701201					
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701306					
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2619	2619		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	291	291		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	19643	19643		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	19643	19643		
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	856	856		
X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	230	230		
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	8680	8680		

* SPECIALTY ITEM

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PLOT DATE = 8/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	18R5-1	MOULTRIE	16	3
CONTRACT NO. 74940				
ILLINOIS FED. AID PROJECT				

PAVING										
STATION	TO	STATION	LENGTH	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2 INCHES	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, 1L-9.5FC, N70	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "C", N70	AGGREGATE WEDGE SHOULDER, TYPE B	TEMPORARY RAMP	LONGITUDINAL JOINT SEALANT
186+55.00	-	186+60.00	5.0	12.2	5.5		1.1	0.3	12.2	
186+60.00	-	186+80.00	20.0	48.9	22.0		6.2	1.3		
186+80.00	-	187+00.00	20.0	48.9	33.0	3.4	5.5	1.8		20.0
187+00.00	-	273+40.00	8640.0	21120.0	14256.0	2069.8	2365.4	984.0		8640.0
273+40.00	-	273+60.00	20.0	48.9	33.0	3.4	5.5	1.8		20.0
273+60.00	-	273+80.00	20.0	48.9	22.0		6.2	1.3		
273+80.00	-	273+85.00	5.0	12.2	5.5		1.1	0.3	12.2	
TOTALS =				21340	14377	2077	2391	991	25	8680

PAVEMENT MARKING							
STATION	TO	STATION	LENGTH	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING, LINE - 4 INCH	PAINT PAVEMENT MARKING, LINE - 4 INCH
186+55.00	-	273+85.00	8730.0	2619.0	291.0	19642.5	19642.5
TOTALS =				2619	291	19643	19643

ENTRANCE SCHEDULE																	
SIDE	STATION	TYPE	AGGREGATE SURFACE COURSE TYPE B						INCIDENTAL HOT-MIX ASPHALT SURFACING						SURFACE REM VAR DEPTH (SP)	TEMPORARY RAMP, SPECIAL	
			FR. WIDTH (FEET)	BK. WIDTH (FEET)	LENGTH (FEET)	AREA (SQ YD)	THICKNESS (INCHES)	QUANTITY (TON)	RADIUS (FEET)	FR. WIDTH (FEET)	BK. WIDTH (FEET)	LENGTH (FEET)	AREA (SQ YD)	THICKNESS (INCHES)	QUANTITY (TON)	QUANTITY (SQ YD)	QUANTITY (SQ YD)
RT	188+17.5	PRA						30.0	80.0	20.0	39.0	136.3	1.88	14.3	136.3	11.1	
LT	189+19	PE							40.0	16.0	13.0	41.8	1.88	4.4	41.8	8.9	
LT	189+39	MBT	30.0	17.0	8.0	20.9	1.88	2.2									
LT	190+64	PRA						30.0	80.0	20.0	39.0	136.3	1.88	14.3	136.3	11.1	
RT	207+04	FE							24.0	18.0	4.0	9.7	1.88	1.0	9.7	10.0	
LT	207+51	FE							42.0	36.0	4.0	17.7	1.88	1.9	17.7	20.0	
RT	211+66	PE							40.0	16.0	13.0	41.8	1.88	4.4	41.8	8.9	
RT	212+28	FE							24.0	18.0	4.0	9.7	1.88	1.0	9.7	10.0	
RT	216+98	FE							24.0	18.0	4.0	9.7	1.88	1.0	9.7	10.0	
LT	219+97	FE							24.0	18.0	4.0	9.7	1.88	1.0	9.7	10.0	
LT	232+74	FE							24.0	18.0	4.0	9.7	1.88	1.0	9.7	10.0	
RT	239+07	FE							24.0	18.0	4.0	9.7	1.88	1.0	9.7	10.0	
LT	241+18	PRA						30.0	80.0	20.0	39.0	136.3	1.88	14.3	136.3	11.1	
RT	241+31.2	PRA						30.0	80.0	20.0	39.0	136.3	1.88	14.3	136.3	11.1	
RT	243+34	FE							24.0	18.0	4.0	9.7	1.88	1.0	9.7	10.0	
RT	245+78	FE							24.0	18.0	4.0	9.7	1.88	1.0	9.7	10.0	
RT	246+54	PE							40.0	16.0	13.0	41.8	1.88	4.4	41.8	8.9	
LT	253+65	PE							24.0	18.0	4.0	9.7	1.88	1.0	9.7	10.0	
RT	254+46	FE							24.0	18.0	4.0	9.7	1.88	1.0	9.7	10.0	
LT	259+76	FE							24.0	18.0	4.0	9.7	1.88	1.0	9.7	10.0	
RT	262+39	FE							24.0	18.0	4.0	9.7	1.88	1.0	9.7	10.0	
RT	267+14	FE							24.0	18.0	4.0	9.7	1.88	1.0	9.7	10.0	
LT	273+48	PE							40.0	16.0	13.0	41.8	1.88	4.4	41.8	8.9	
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USE = 3 TONS

USE = 91 856 230

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	DRAWN -	REVISED -
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PLOT DATE = 8/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	18R5-1	MOULTRIE	16	5
CONTRACT NO. 74940				
ILLINOIS FED. AID PROJECT				

PATCH NO.	LANE	STATION	LENGTH (FEET)	WIDTH (FEET)	CLASS D TYPE I (SQ YD)	CLASS D TYPE II (SQ YD)	CLASS D TYPE III (SQ YD)	CLASS D TYPE IV (SQ YD)
1	EB	187+67	5.0	11.0		6.1		
2	EB	187+82	4.0	11.0	4.9			
3	EB	187+95	4.0	11.0	4.9			
4	EB	190+27	5.0	5.0	2.8			
5	EB	190+75	4.0	11.0	4.9			
6	EB	191+58	8.0	11.0		9.8		
7	EB	192+35	18.0	4.0		8.0		
8	EB	192+59	16.0	11.0			19.6	
9	EB	192+70	10.0	4.0	4.4			
10	EB	192+87	6.0	11.0		7.3		
11	EB	193+15	9.0	6.0		6.0		
12	EB	193+60	25.0	5.0		13.9		
13	EB	194+05	13.0	5.0		7.2		
14	EB	194+12	5.0	6.0	3.3			
15	EB	196+85	4.0	11.0	4.9			
16	EB	197+47	5.0	11.0		6.1		
17	EB	199+25	8.0	5.0	4.4			
18	EB	201+90	24.0	11.0			29.3	
19	EB	202+45	17.0	11.0			20.8	
20	EB	202+58	18.0	5.0		10.0		
21	EB	203+25	6.0	11.0		7.3		
22	EB	206+24	5.0	5.0	2.8			
23	EB	209+69	4.0	11.0	4.9			
24	EB	209+93	8.0	11.0		9.8		
25	EB	212+51	7.0	5.0	3.9			
26	EB	212+69	4.0	4.0	1.8			
27	EB	212+77	4.0	5.0	2.2			
28	EB	213+00	4.0	44.0			19.6	
29	EB	213+05	4.0	4.0	1.8			
30	EB	213+35	5.0	11.0		6.1		
31	EB	213+50	6.0	5.0	3.3			
32	EB	214+80	5.0	5.0	2.8			
33	EB	214+85	4.0	11.0	4.9			
34	EB	216+84	6.0	11.0		7.3		
35	EB	217+45	9.0	5.0		5.0		
36	EB	217+63	7.0	5.0	3.9			
37	EB	217+81	12.0	11.0		14.7		
38	EB	219+94	9.0	11.0		11.0		
39	EB	220+05	4.0	4.0	1.8			
40	EB	221+80	9.0	5.0		5.0		
41	EB	222+04	18.0	5.0		10.0		
42	EB	222+63	9.0	11.0		11.0		
43	EB	222+68	6.0	4.0	2.7			
44	EB	222+88	4.0	4.0	1.8			
45	EB	222+91	4.0	4.0	1.8			
46	EB	223+11	8.0	11.0		9.8		
47	EB	223+19	8.0	4.0	3.6			
48	EB	223+25	10.0	11.0		12.2		
49	EB	223+65	5.0	11.0		6.1		
50	EB	223+72	6.0	11.0		7.3		

PATCH NO.	LANE	STATION	LENGTH (FEET)	WIDTH (FEET)	CLASS D TYPE I (SQ YD)	CLASS D TYPE II (SQ YD)	CLASS D TYPE III (SQ YD)	CLASS D TYPE IV (SQ YD)
51	EB	225+63	12.0	11.0		14.7		
52	EB	226+25	4.0	11.0	4.9			
53	EB	226+50	5.0	11.0		6.1		
54	EB	231+55	15.0	4.0		6.7		
55	EB	234+32	5.0	11.0		6.1		
56	EB	235+33	10.0	11.0		12.2		
57	EB	236+00	6.0	11.0		7.3		
58	EB	239+00	14.0	11.0			17.1	
59	EB	239+60	13.0	11.0			15.9	
60	EB	241+70	6.0	5.0	3.3			
61	EB	242+25	4.0	11.0	4.9			
62	EB	245+97	5.0	11.0		6.1		
63	EB	248+84	10.0	11.0		12.2		
64	EB	249+09	5.0	5.0	2.8			
65	EB	249+30	15.0	4.0		6.7		
66	EB	249+50	51.0	11.0			62.3	
67	EB	251+50	18.0	11.0			22.0	
68	EB	252+00	15.0	11.0			18.3	
69	EB	255+00	6.0	4.0	2.7			
70	EB	255+55	33.0	5.0			18.3	
71	EB	256+82	16.0	11.0			19.6	
72	EB	257+95	10.0	4.0	4.4			
73	EB	259+70	24.0	5.0		13.3		
74	EB	264+11	5.0	11.0		6.1		
75	EB	272+87	5.0	11.0		6.1		
76	WB	190+85	4.0	11.0	4.9			
77	WB	196+60	6.0	11.0		7.3		
78	WB	200+09	5.0	4.0	2.2			
79	WB	209+07	4.0	11.0	4.9			
80	WB	213+00	4.0	4.0	1.8			
81	WB	213+50	4.0	4.0	1.8			
82	WB	214+00	16.0	4.0		7.1		
83	WB	214+47	20.0	4.0		8.9		
84	WB	214+95	17.0	4.0		7.6		
85	WB	215+60	8.0	4.0	3.6			
86	WB	217+20	10.0	4.0	4.4			
87	WB	217+75	23.0	4.0		10.2		
88	WB	218+30	4.0	4.0	1.8			
89	WB	219+98	12.0	11.0		14.7		
90	WB	220+49	6.0	4.0	2.7			
91	WB	221+85	4.0	4.0	1.8			
92	WB	222+73	67.0	4.0			29.8	
93	WB	222+84	17.0	11.0			20.8	
94	WB	223+44	12.0	11.0		14.7		
95	WB	223+52	5.0	5.0	2.8			
96	WB	223+65	13.0	5.0		7.2		
97	WB	223+75	7.0	11.0		8.6		
98	WB	223+85	9.0	5.0		5.0		
99	WB	223+90	5.0	11.0		6.1		
100	WB	226+06	13.0	11.0			15.9	

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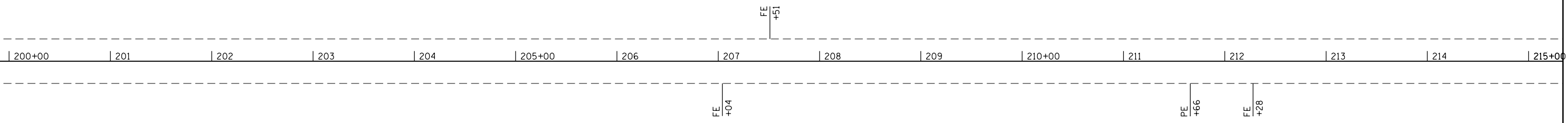
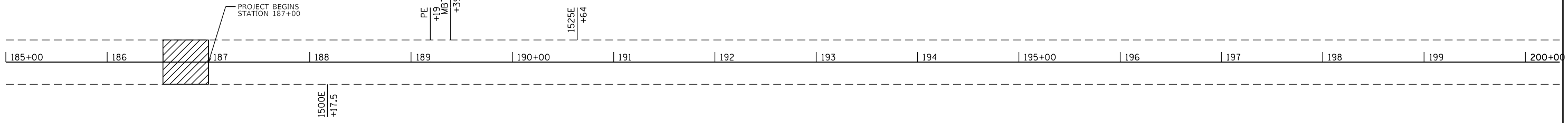
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	18R5-1	MOULTRIE	16	6
CONTRACT NO. 74940				
		ILLINOIS	FED. AID PROJECT	



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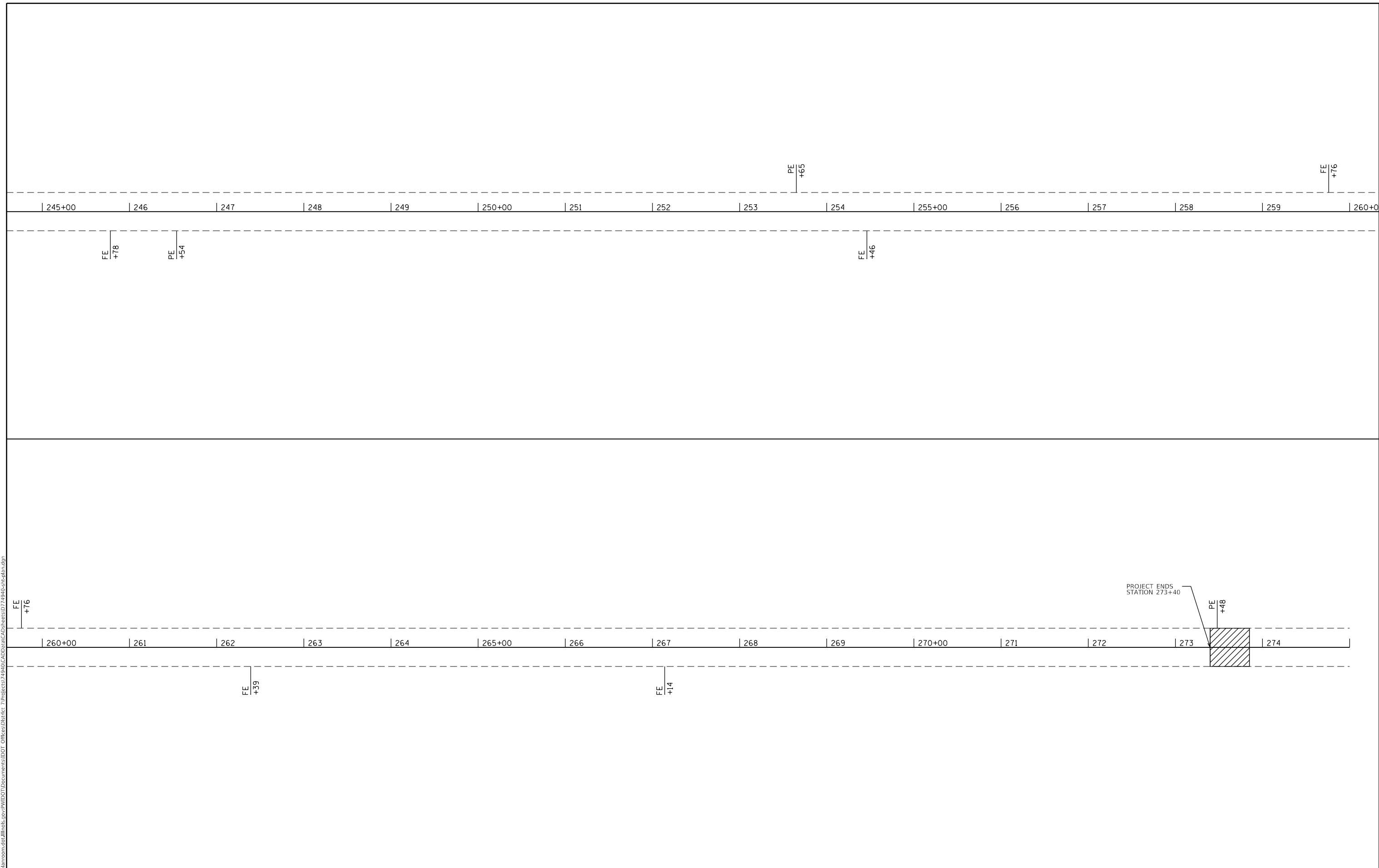
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

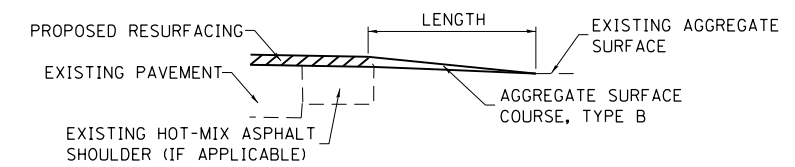
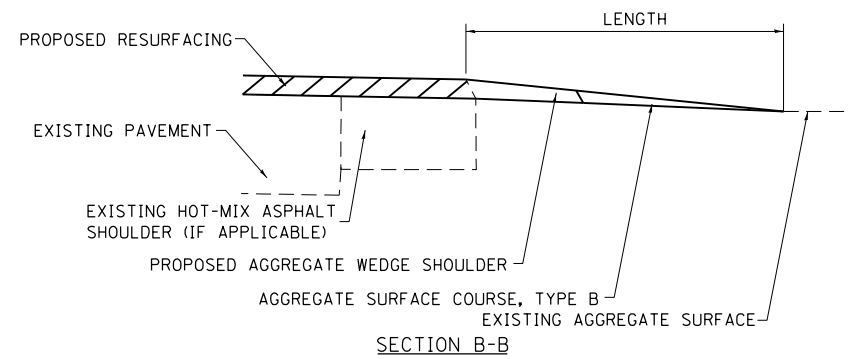
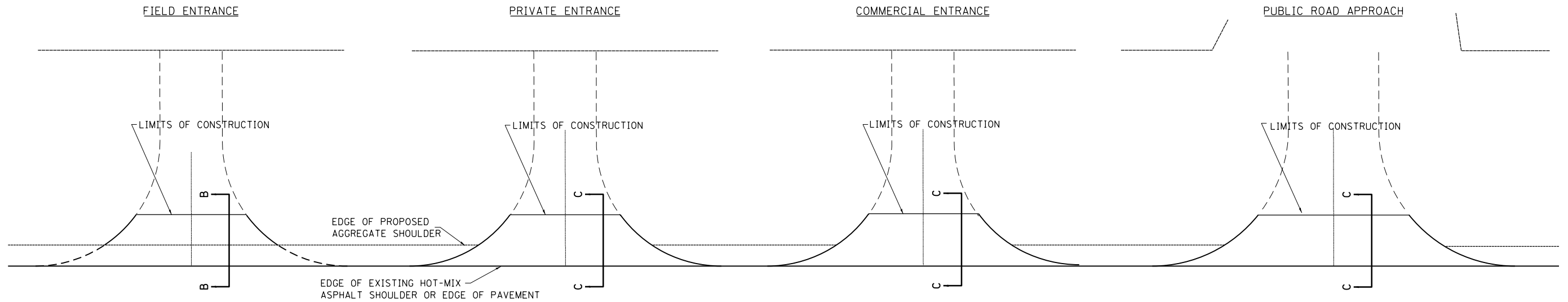
PLAN SHEETS
 SCALE: SHEET 1 OF 3 SHEETS STA. 185+00 TO STA. 215+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	18R5-1	MOULTRIE	16	8
CONTRACT NO. 74940			ILLINOIS FED. AID PROJECT	

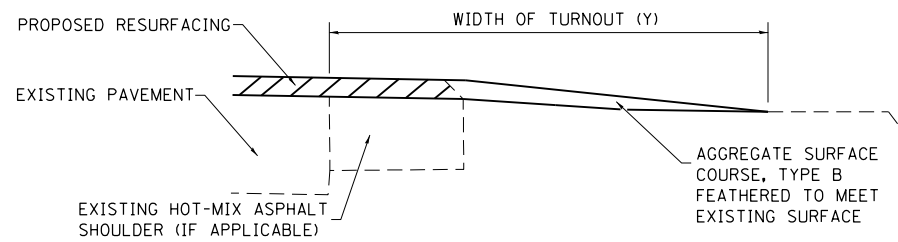
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USER NAME = steffenmk PLOT SCALE = 100.0000' / in. PLOT DATE = 8/18/2020	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -					642	18R5-1	MOULTRIE	16	10
	CHECKED -	REVISED -		CONTRACT NO. 74940							
	DATE -	REVISED -		SCALE:	SHEET 3	OF 3	SHEETS	STA. 245+00	TO STA. 275+00	ILLINOIS	FED. AID PROJECT

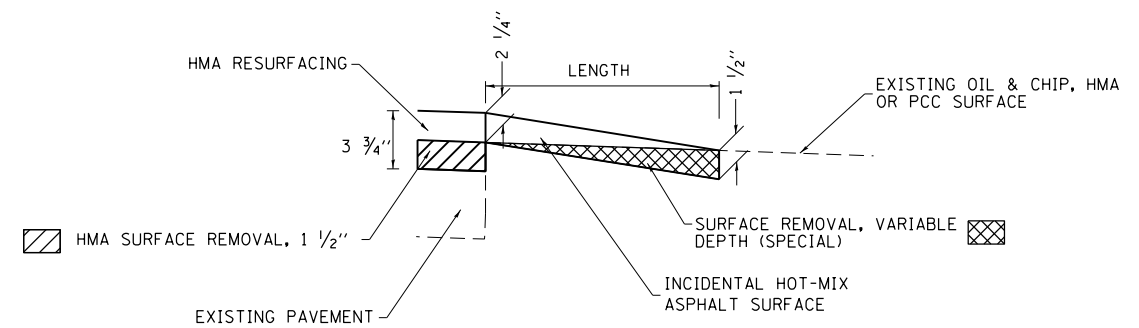


SECTION C-C



TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS



SECTION C-C

NOTES

LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS

IF THERE IS NOT EXISTING HOT-MIX ASPHALT SHOULDER THEN THE ENTRANCE TAPER STARTS AT THE EDGE OF EXISTING PAVEMENT.

MODEL: Default
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 PROJECT: 18R5-1
 DRAWING: 18R5-1-1
 SHEET: 12
 DATE: 8/18/2020

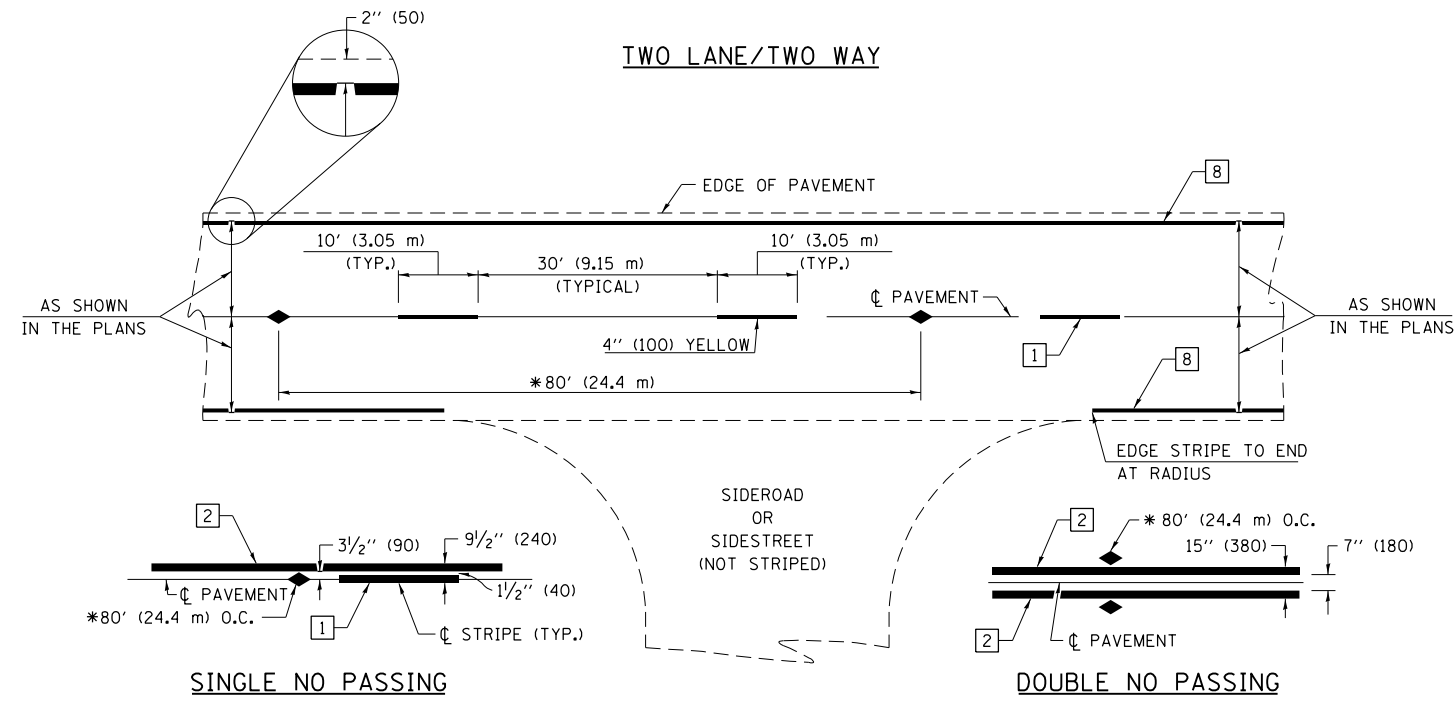
USER NAME = steffemk	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCE AND MAILBOX TURNOUT DETAILS
WITH SHOULDERS

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

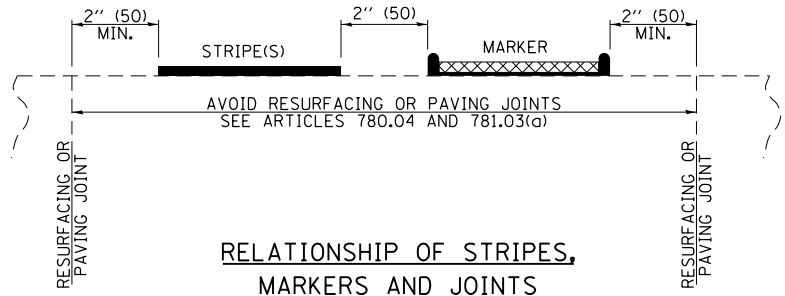
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	18R5-1	MOULTRIE	16	12
CONTRACT NO. 74940				
ILLINOIS FED. AID PROJECT				



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

PAVEMENT MARKING LEGEND

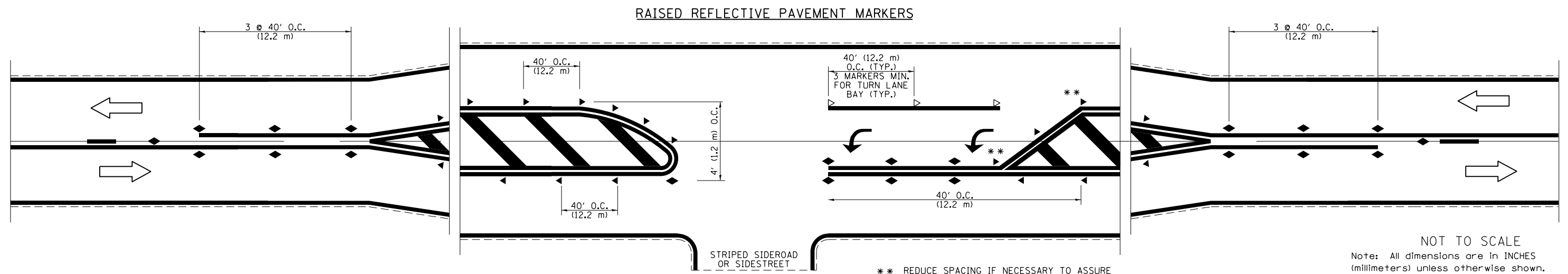
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

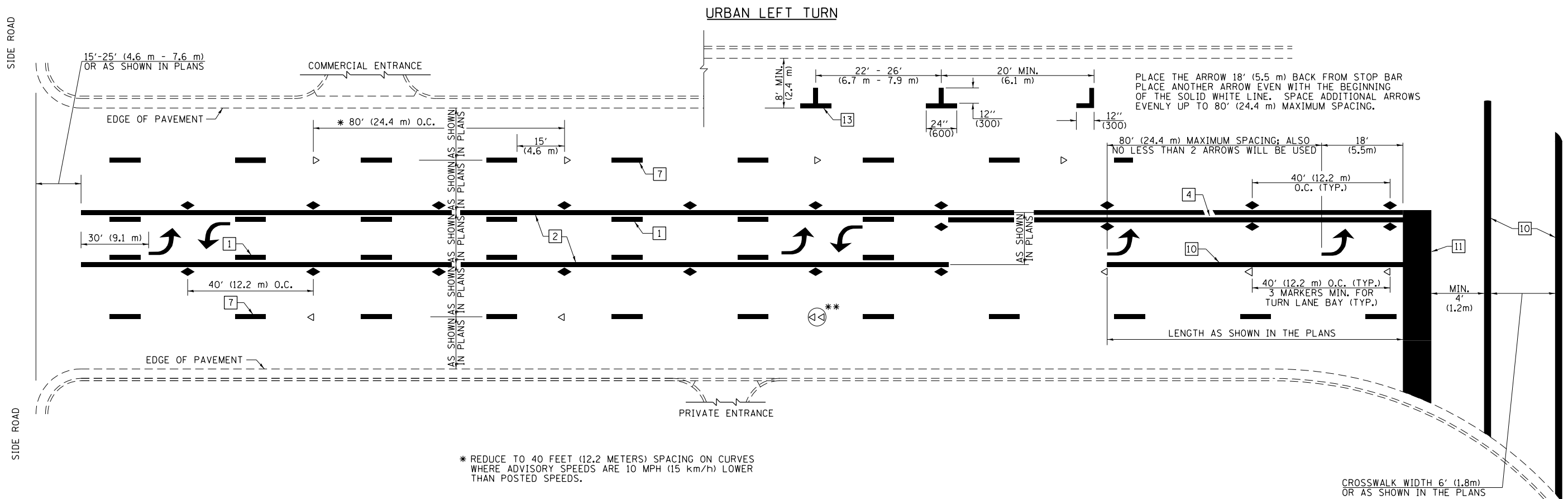
TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER



** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.



PLACE THE ARROW 18' (5.5 m) BACK FROM STOP BAR
 PLACE ANOTHER ARROW EVEN WITH THE BEGINNING
 OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS
 EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING.

* REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES
 WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER
 THAN POSTED SPEEDS.

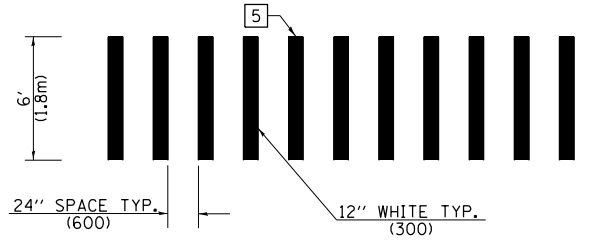
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED
 AND SPACED AS SHOWN IN HIGHWAY STANDARD
 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED
 HIGHWAYS.

PAVEMENT MARKING LEGEND

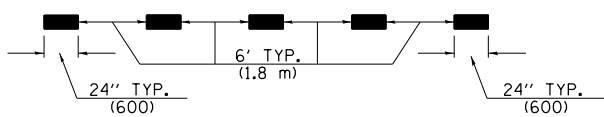
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

GENERAL NOTES

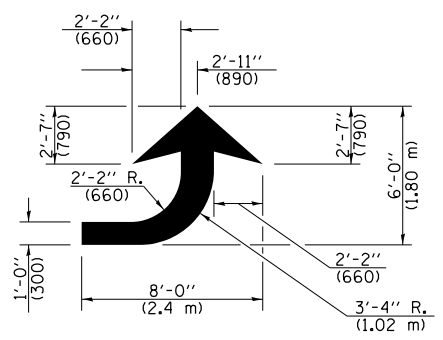
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.



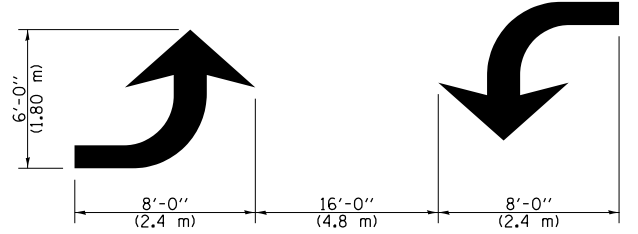
**CROSSWALK DETAIL
 (DECATUR CITY LIMITS ONLY)**



LANE LINE EXTENSIONS



LEFT ARROW
 REVERSE FOR RIGHT ARROW
 AREA = 15.6 SQ. FT. (1.47 m²)
 (WHITE)



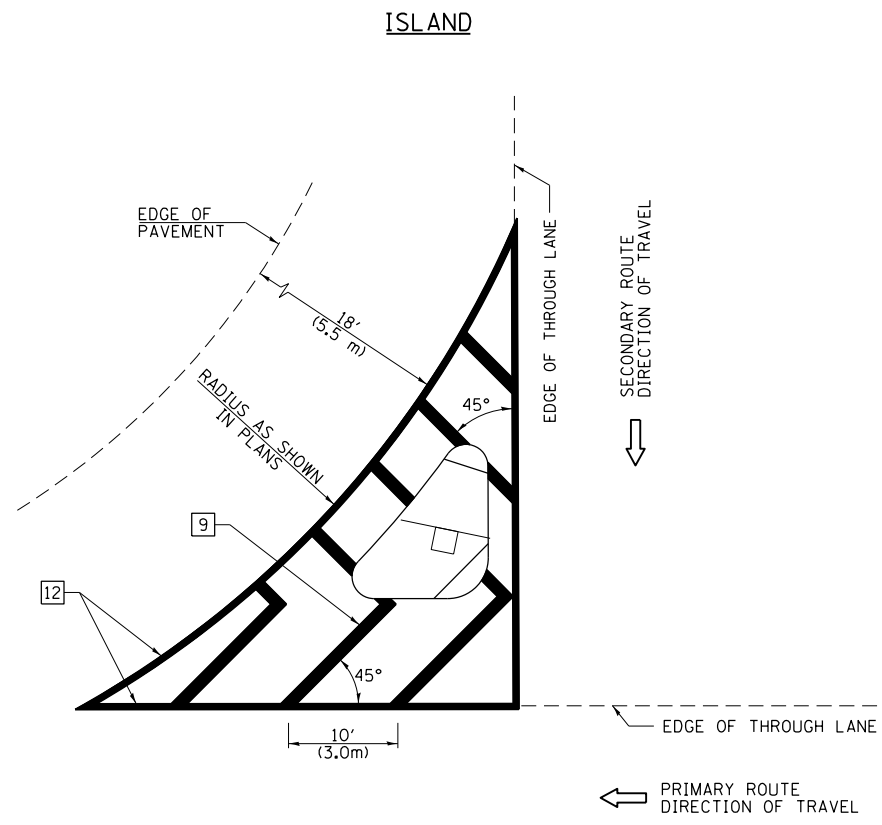
**TYPICAL DOUBLE
 TURN ARROWS (WHITE)**

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\planroom.dot.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74940\DRAWN\CADsheets\0774940-shd-details.dgn		REVISIONS				642	18RS-1	MOULTRIE	16	14	
		CHECKED -	REVISED -			CONTRACT NO. 74940					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
PLOT SCALE = 100.0000' / in.				SCALE:	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.				

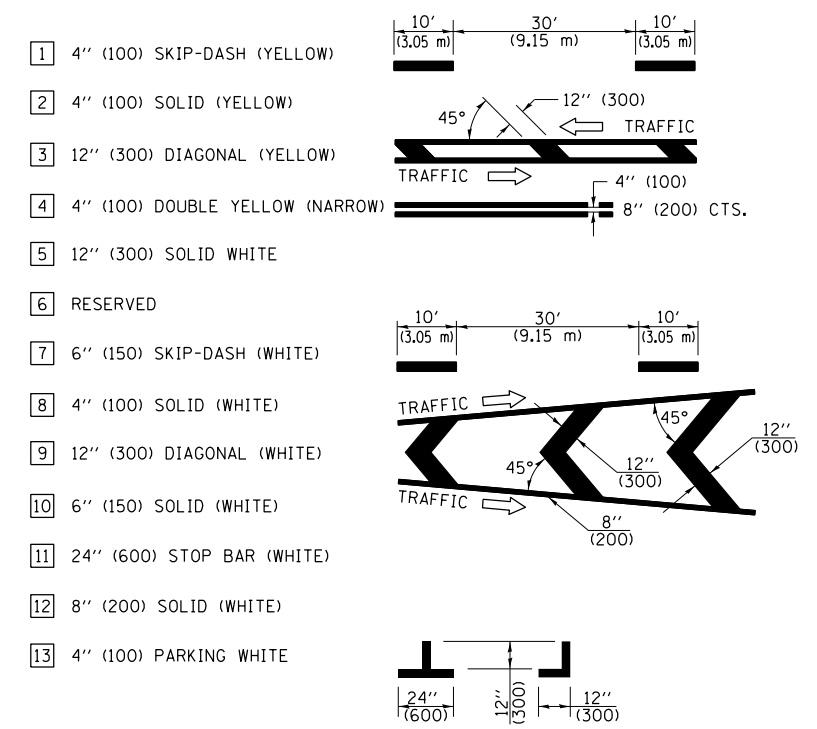


GENERAL NOTES

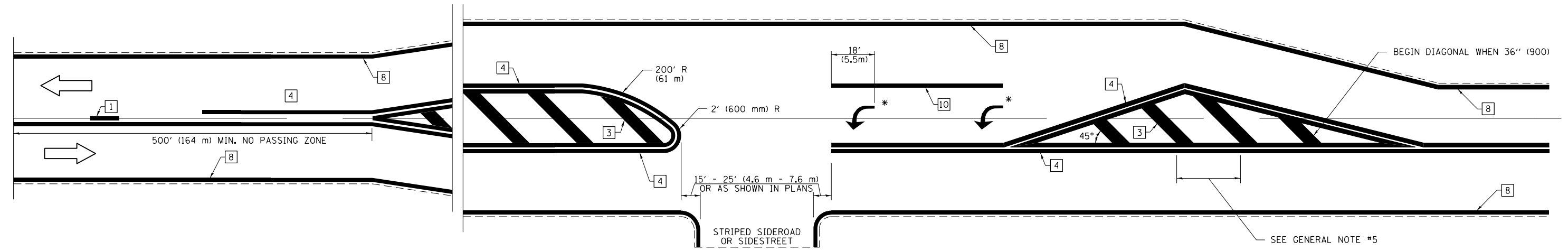
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:

< 30 MPH (< 50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
> 45 MPH (> 75 km/h)	30' (9.0 m)

PAVEMENT MARKING LEGEND



RURAL LEFT TURN STRIPING



* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

NOT TO SCALE
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

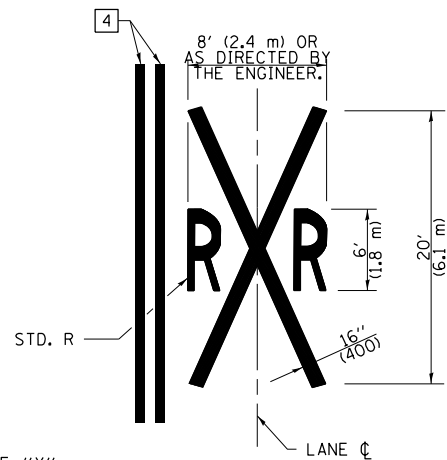
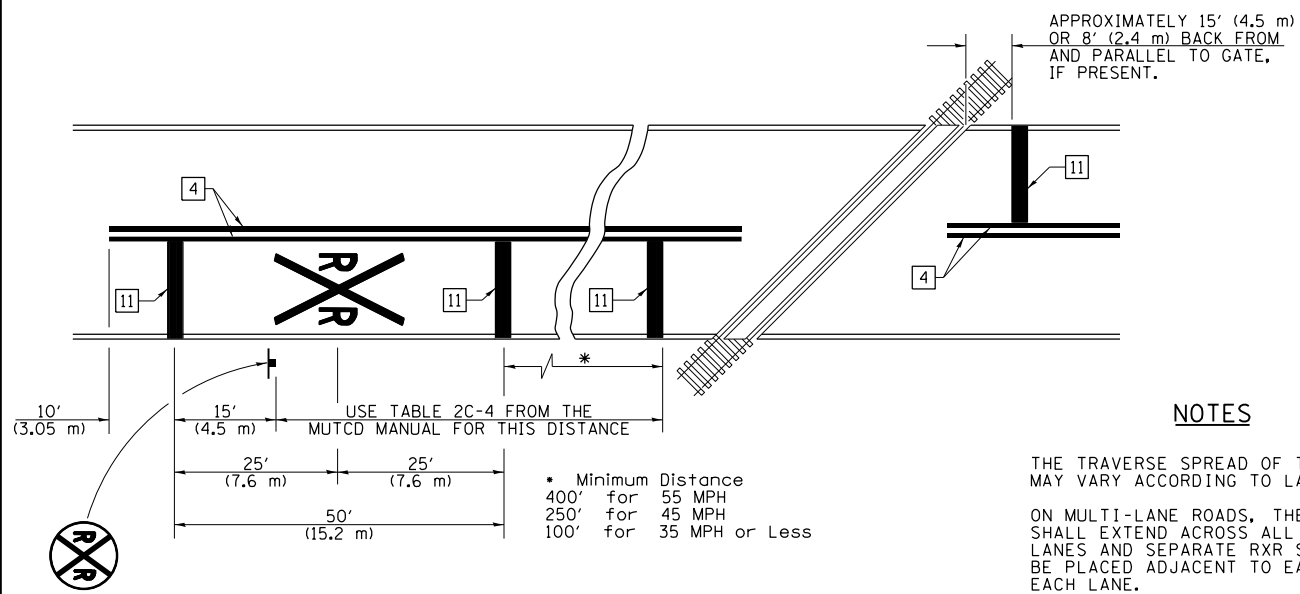
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\74940\DRAWN\CADsheets\0774940-shd-details.dgn		REVISIONS	REVISIONS
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
 (RURAL & URBAN APPLICATIONS)**
 SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	1BR5-1	MOULTRIE	16	15
CONTRACT NO. 74940				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

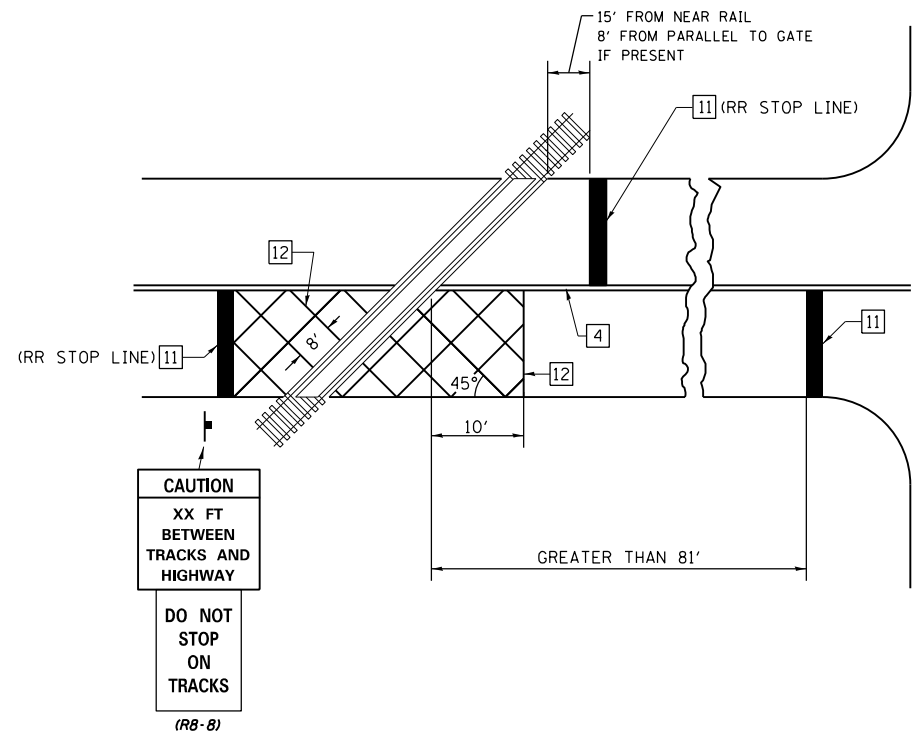
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

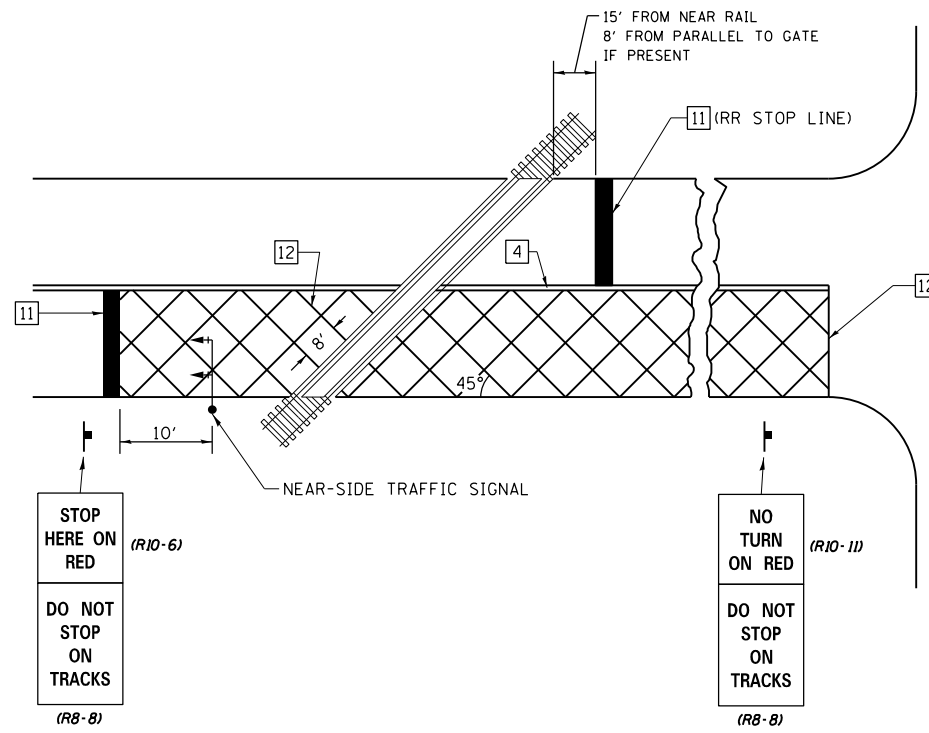
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
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- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74940\DRAWN\CADsheets\0774940-sht-details.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			642	18RS-1	MOULTRIE	16	16
PLOT DATE = 8/18/2020	DATE -	REVISED -	REVISED -			CONTRACT NO. 74940				
						SCALE:	SHEET NO. 4 OF 4 SHEETS	STA.	TO STA.	