

06-15-2018 LETTING ITEM 062

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
823		WAYNE	10	1
ELEMENT			CONTRACT NO. 74852	
* D7 HMA SAFETY SHLD 2018-4				

FOR INDEX OF SHEETS, SEE SHEET NO. 02

AADT 3,132

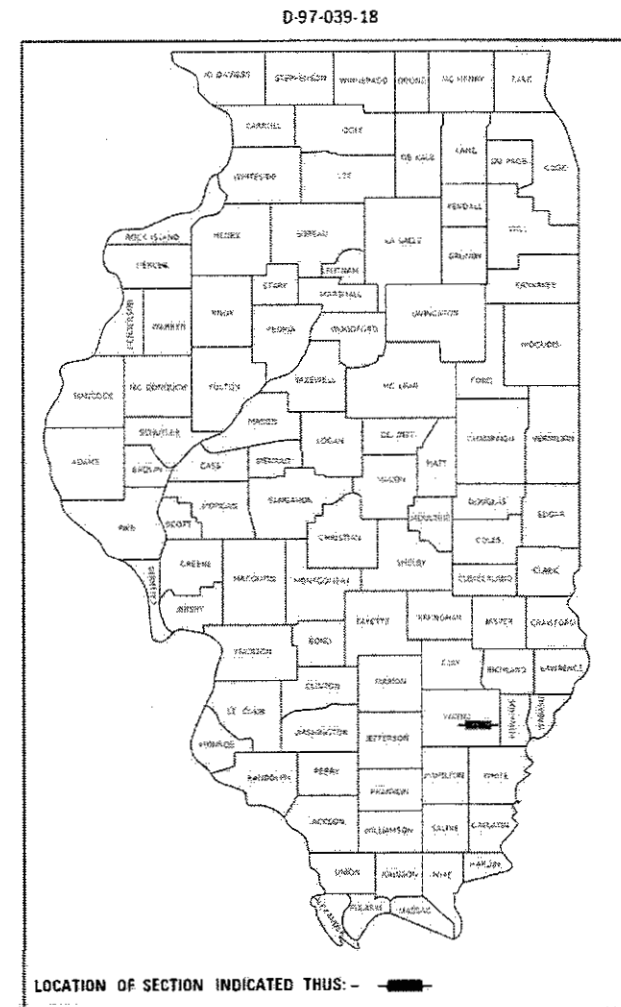
PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 823 (IL 15)
SECTION D7 HMA SAFETY SHLD 2018-4
PROJECT HSIP-87NW(408)
SAFETY SHOULDERS
WAYNE COUNTY

C-97-078-18

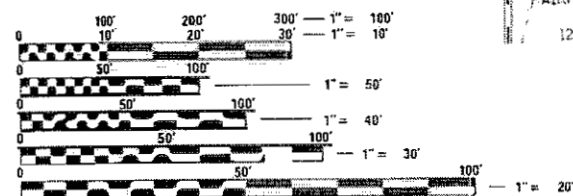
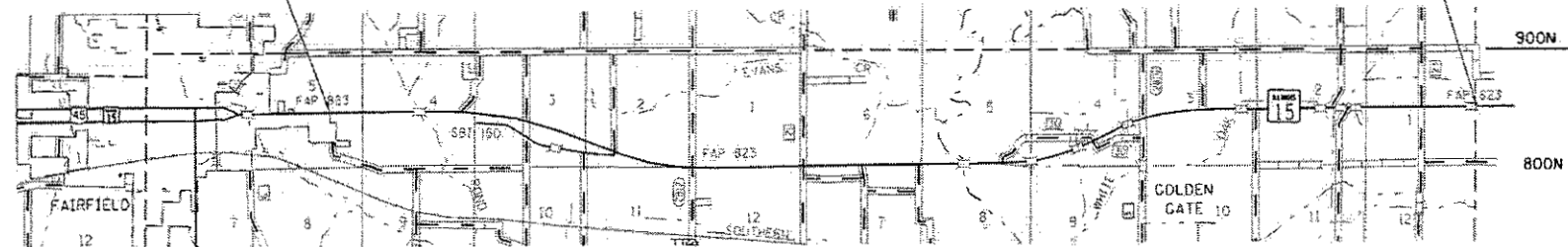
STATION EQUATIONS:

- 359 + 60.00 BK = 360 + 30.00 AH
- 469 + 79.70 BK = 480 + 33.10 AH
- 496 + 56.48 BK = 496 + 63.00 AH
- 663 + 23.39 BK = 663 + 65.61 AH
- 731 + 25.31 BK = 732 + 55.33 AH
- 739 + 23.40 BK = 738 + 00.00 AH



END STATION: 809 + 76

BEGIN STATION: 241 + 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 EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER DEBRA BARRETT
PROJECT MANAGER EDWIN TIPSWORD

GROSS LENGTH = 56390.4 FT. = 10.68 MILE
NET LENGTH = 51712.5 FT. = 9.79 MILE

CONTRACT NO. 74852

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 28 20 18
Jeffery A South
REGIONAL ENGINEER

May 11 20 18
Paul P. Chaf
ENGINEER OF DESIGN AND ENVIRONMENT

May 11 20 18
Paul P. Chaf
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO	TITLE
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	LOCATION MAP
6	SCHEDULE OF QUANTITIES
7-10	PAVEMENT MARKING DETAILS

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

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
642006	SHOULDER RUMBLE STRIP 8 IN
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
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701901-07	TRAFFIC CONTROL DEVICES

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" INDICATED ON THE CHECK SHEET, AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THE WORK IN THIS SECTION CONSISTS OF PLACING HMA SAFETY SHOULDERS, AGGREGATE WEDGE SHOULDERS, RUMBLE STRIPS, PAINT PAVEMENT MARKING AND ANY OTHER WORK NEEDED TO COMPLETE THIS SECTION.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESS TO THE HOT-MIX ASPHALT PLANT QUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT ITEMS.

ALL EXCESS MATERIAL FROM THE PAVED SHOULDER REMOVAL (SPECIAL) AND EXCAVATING AND GRADING EXISTING SHOULDERS SHALL BECOME THE PROPERTY OF I.D.O.T. AND SHALL BE HAULED TO AN I.D.O.T. STORAGE AREA. HAULING THE EXCESS MATERIAL SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE PRICES FOR PAVED SHOULDER REMOVAL (SPECIAL) AND EXCAVATING AND GRADING EXISTING SHOULDERS. THE STORAGE AREAS ARE AT THE FOLLOWING LOCATIONS: THE HIGHWAY MAINTENANCE YARD AT FAIRFIELD AND THE HIGHWAY MAINTENANCE YARD AT BROWNS. THE MAINTENANCE FIELD ENGINEER, DAVE BUZZARD, SHALL BE CONTACTED AT 217-342-8274 ONE WEEK PRIOR TO DELIVERY OF THE EXCESS MATERIAL.

HMA SHOULDERS SHALL BE OMITTED FROM LOCATIONS WHERE HMA SHOULDERS OR BASE COURSE WIDENING ALREADY EXISTS. HOWEVER, RUMBLE STRIPS SHALL BE CONSTRUCTED AT THESE LOCATIONS.

THE ENGINEER SHALL CHECK THE DEPTH AT EACH BOX CULVERT TO ENSURE 8" CLEARANCE. THE ENGINEER SHALL DETERMINE THE DEPTH TO MILL OR TO OMIT THE AREA COMPLETELY OF HMA SHOULDER.

OMIT RUMBLE STRIPS ON ALL SIDEROADS, PRIVATE, AND COMMERCIAL ENTRANCES AT RADIUS RETURNS. OMIT RUMBLE STRIPS AT MAILBOX TURNOUTS 60' BOTH SIDES OF THE MAILBOX OR AS DETERMINED BY THE ENGINEER. THESE OMISSIONS WILL NOT BE MEASURED FOR PAYMENT.

OMIT HOT-MIX ASPHALT SHOULDERS, 8" ON ALL HMA AND PCC SIDEROADS, AND HMA AND PCC ENTRANCES. FIELD ENTRANCES WITH HMA APRONS WILL NOT BE OMITTED FROM HOT-MIX ASPHALT SHOULDERS, 8".

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

THE QUANTITIES FOR PAINT PAVEMENT MARKING - LINE 4" ARE AS FOLLOWS: 45,988' OF YELLOW AND 109,718' OF WHITE

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	QUALITY MANAGEMENT
HMA SHOULDERS, 8" (TOP 2" LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	QC/OA
HMA SHOULDERS, 8" (BOTTOM 6" LIFT)	PG 64-22	4.0% @ N=70	IL - 19.0	N/A	QC/OA

MODEL: Default
 FILE: \\nas0101\pub\B&E\BIDD\TEC\Illinois\gov\PIV\DOT\Documents\BIDD\Office\BIDD\7\Projects\74852\CADD\B&E\DOT\Office\BIDD\74852-sh-cenmot06.dgn

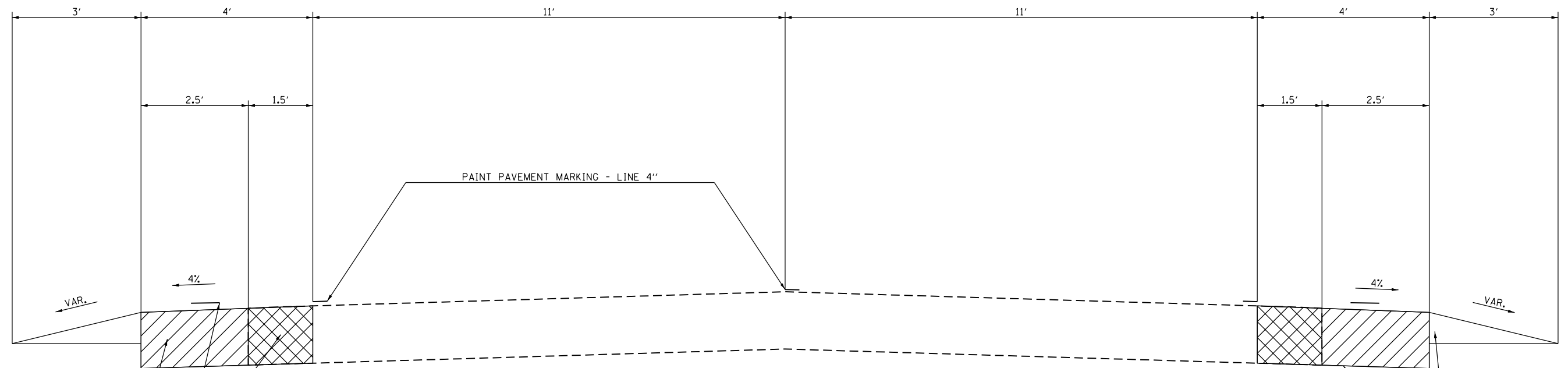
USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/28/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS &
GENERAL NOTES**

SCALE: SHEET OF SHEETS STA. TO STA.

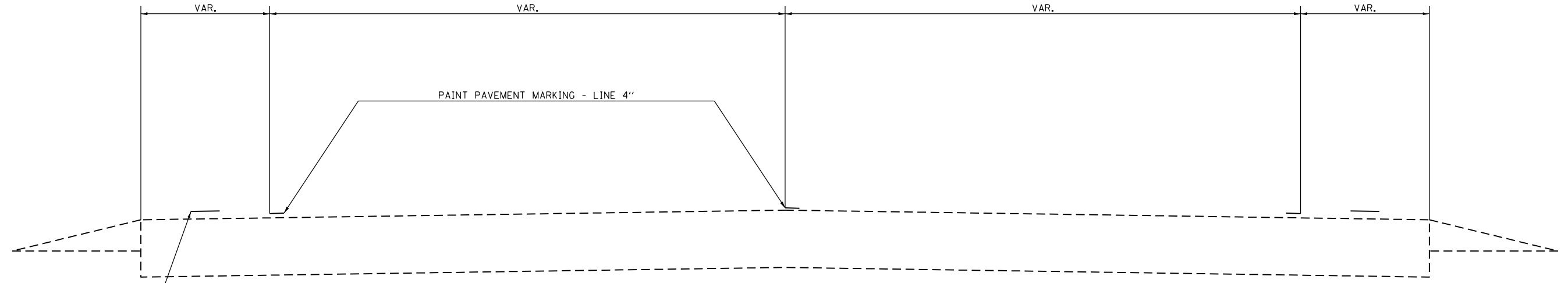
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
823	*	WAYNE	10	2
* D7 HMA SAFETY SHLD 2018-4			CONTRACT NO. 74852	
ILLINOIS FED. AID PROJECT				



EXCAVATING AND GRADING EXISTING SHOULDER
 SHOULDER RUMBLE STRIP, 8 INCH
 PAVED SHOULDER REMOVAL (SPECIAL)

STA. 241+40 TO STA. 287+00
 STA. 313+35 TO STA. 345+90
 STA. 351+80 TO STA. 398+87
 STA. 405+38 TO STA. 423+44
 STA. 433+32 TO STA. 447+79
 STA. 453+66 TO STA. 483+34
 STA. 497+95 TO STA. 755+24
 STA. 758+79 TO STA. 809+76

AGGREGATE WEDGE SHOULDER, TYPE B
 HOT-MIX ASPHALT SHOULDERS, 8"
 (4' WIDE)



SHOULDER RUMBLE STRIP, 8 INCH

STA. 287+00 TO STA. 313+35
 STA. 345+90 TO STA. 351+80
 STA. 398+87 TO STA. 408+38
 STA. 423+44 TO STA. 433+32
 STA. 447+79 TO STA. 453+66
 STA. 483+34 TO STA. 497+95
 STA. 755+24 TO STA. 758+79

MODEL: Default
 FILE: \\mhc\p\ul\B&E\BID\ITEC\Illinois\p\ul\DOT\Documents\DOT_Offices\Director\74852\shld\typical.dgn

USER NAME = steffemk	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/28/2018	CHECKED -	REVISED -
	DATE -	REVISED -

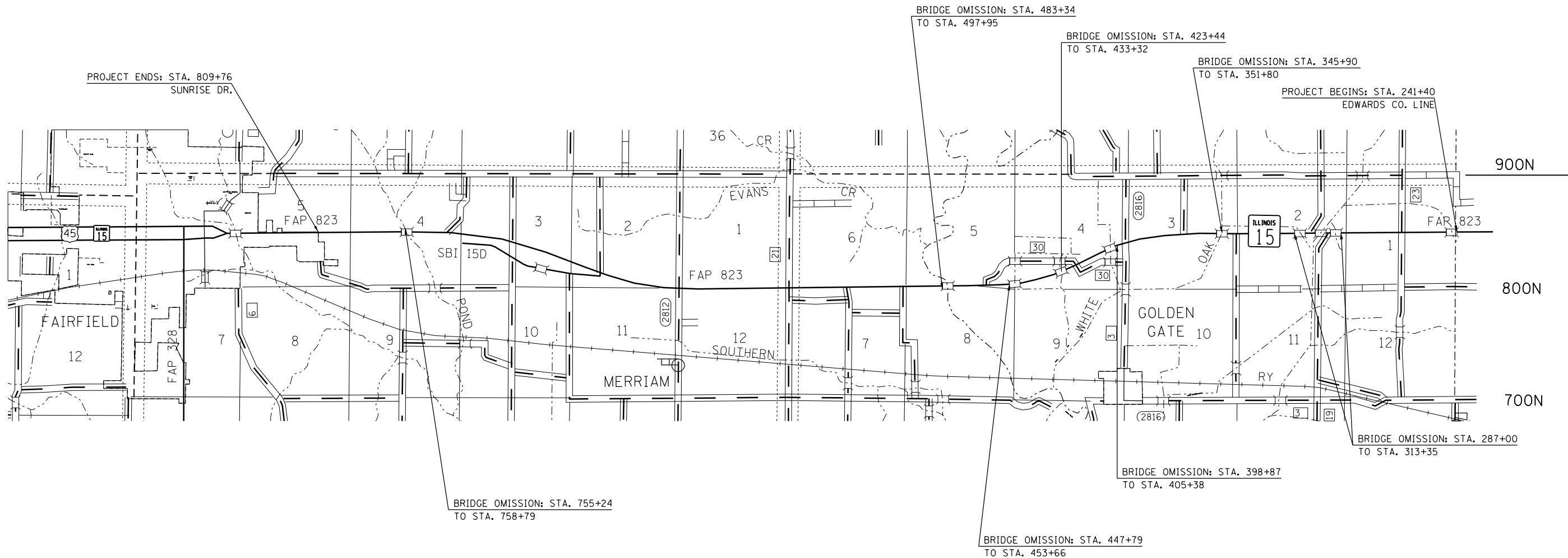
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE. 823	SECTION *	COUNTY WAYNE	TOTAL SHEETS 10	SHEET NO. 4
* D7 HMA SAFETY SHLD 2018-4		CONTRACT NO. 74852		
ILLINOIS FED. AID PROJECT				



LOCATION MAP



MODEL: Default
 FILE: Name: p:\u0000\B&E\ID\ITEC\Illinois\pov\RW\DOT\Documents\10DOT_Offices\10DOT_7\Projects\174852_CADD\174852-Plan.dgn

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/28/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
823	*	WAYNE	10	5
* D7 HMA SAFETY SHLD 2018-4			CONTRACT NO. 74852	
ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT SHOULDER SCHEDULE										
STATION	TO	STATION	LANE	LENGTH	WIDTH	EXCAVATING AND GRADING EXISTING SHOULDER	PAVED SHOULDER REMOVAL (SPECIAL)	HOT-MIX ASPHALT SHOULDERS, 8"	AGGREGATE WEDGE SHOULDER, TYPE B	SHOULDER RUMBLE STRIPS, 8 IN
						20200600 UNIT	X4404260 SQ YD	48203029 SQ YD	48102100 TONS	64200108 FOOT
241+40.00		262+45.00	LT	2105	4	21.1	350.8	935.6	40.0	2105.0
262+45.00		263+10.00	LT	65	4	PRA OMISSION				
263+10.00		287+00.00	LT	2390	4	23.9	398.3	1062.2	43.7	2303.0
287+00.00		313+35.00	LT	2635	4	BRIDGE OMISSION				
313+35.00		340+95.00	LT	2760	4	27.6	460.0	1226.7	52.4	2760.0
340+95.00		341+52.00	LT	57	4	PRA OMISSION				
341+52.00		345+90.00	LT	438	4	4.4	73.0	194.7	8.3	438.0
345+90.00		351+80.00	LT	590	4	BRIDGE OMISSION				
351+80.00		359+60.00	LT	780	4	7.8	130.0	346.7	14.8	780.0
359+60.00		360+30.00	LT	70	4	STATION EQUATION				
360+30.00		392+93.00	LT	3263	4	32.6	543.8	1450.2	61.9	3263.0
392+93.00		395+71.00	LT	278	4	PRA OMISSION				
395+71.00		398+87.00	LT	316	4	3.2	52.7	140.4	6.0	316.0
398+87.00		405+38.00	LT	651	4	BRIDGE OMISSION				
405+38.00		418+17.00	LT	1279	4	12.8	213.2	568.4	24.3	1279.0
418+17.00		418+84.00	LT	67	4	PRA OMISSION				
418+84.00		423+44.00	LT	460	4	4.6	76.7	204.4	8.7	460.0
423+44.00		433+32.00	LT	988	4	BRIDGE OMISSION				
433+32.00		447+79.00	LT	1447	4	14.5	241.2	643.1	27.5	1447.0
447+79.00		453+66.00	LT	587	4	BRIDGE OMISSION				
453+66.00		469+80.00	LT	1614	4	16.1	269.0	717.2	29.8	1569.7
469+80.00		480+33.00	LT	1053	4	STATION EQUATION				
480+33.00		483+34.00	LT	301	4	3.0	50.2	133.7	5.7	300.9
483+34.00		496+56.00	LT	1322	4	BRIDGE OMISSION				
496+56.00		496+63.00	LT	7	4	STATION EQUATION				
496+63.00		497+95.00	LT	132	4	BRIDGE OMISSION				
497+95.00		514+02.00	LT	1607	4	16.1	267.8	714.2	29.8	1569.0
514+02.00		514+63.00	LT	61	4	PRA OMISSION				
514+63.00		540+48.00	LT	2585	4	25.9	430.8	1148.9	48.1	2533.0
540+48.00		541+09.00	LT	61	4	PRA OMISSION				
541+09.00		569+01.00	LT	2792	4	27.9	465.3	1240.9	46.2	2432.0
569+01.00		569+60.00	LT	59	4	PRA OMISSION				
569+60.00		621+25.00	LT	5165	4	50.0	834.8	2226.2	92.6	4876.0
621+25.00		621+75.00	LT	50	4	PRA OMISSION				
621+75.00		660+63.00	LT	3888	4	38.9	648.0	1728.0	70.0	3688.0
660+63.00		661+33.00	LT	70	4	PRA OMISSION				
661+33.00		663+23.00	LT	190	4	1.9	31.7	84.6	3.6	190.4
663+23.00		663+66.00	LT	43	4	STATION EQUATION				
663+66.00		704+74.00	LT	4108	4	39.3	654.4	1745.1	72.3	3807.4
704+74.00		727+23.00	LT	2249	4	21.8	363.5	959.6	38.7	2041.0
727+23.00		727+94.00	LT	71	4	PRA OMISSION				
727+94.00		731+25.00	LT	331	4	3.3	55.2	147.2	6.3	331.3
731+25.00		732+55.00	LT	130	4	STATION EQUATION				
732+55.00		755+24.00	LT	2269	4	22.4	373.9	997.2	42.1	2215.7
755+24.00		758+79.00	LT	355	4	BRIDGE OMISSION				
758+79.00		771+48.00	LT	1269	4	12.7	211.5	564.0	24.1	1269.0
771+48.00		772+29.00	LT	81	4	PRA OMISSION				
772+29.00		809+76.00	LT	3747	4	35.8	596.7	1591.1	61.4	3233.0

HOT-MIX ASPHALT SHOULDER SCHEDULE										
STATION	TO	STATION	LANE	LENGTH	WIDTH	EXCAVATING AND GRADING EXISTING SHOULDER	PAVED SHOULDER REMOVAL (SPECIAL)	HOT-MIX ASPHALT SHOULDERS, 8"	AGGREGATE WEDGE SHOULDER, TYPE B	SHOULDER RUMBLE STRIPS, 8 IN
						20200600 UNIT	X4404260 SQ YD	48203029 SQ YD	48102100 TONS	64200108 FOOT
241+40.00		262+45.00	RT	2105	4	21.1	350.8	918.2	39.2	2066.0
262+45.00		262+89.00	RT	44	4	PRA OMISSION				
262+89.00		286+63.00	RT	2374	4	23.7	395.6	1055.1	44.5	2341.0
286+63.00		312+24.00	RT	2561	4	BRIDGE OMISSION				
312+24.00		345+72.00	RT	3348	4	33.5	558.0	1488.0	63.6	3348.0
345+72.00		351+56.00	RT	584	4	BRIDGE OMISSION				
351+56.00		367+24.00	RT	1568	4	14.9	249.7	665.8	29.8	1568.0
367+24.00		367+55.00	RT	31	4	PRA OMISSION				
367+55.00		393+85.00	RT	2630	4	26.3	438.3	1168.9	49.9	2630.0
393+85.00		394+40.00	RT	55	4	PRA OMISSION				
394+40.00		398+69.00	RT	429	4	4.3	71.5	190.7	8.1	429.0
398+69.00		405+17.00	RT	648	4	BRIDGE OMISSION				
405+17.00		417+93.00	RT	1276	4	12.8	212.7	567.1	24.2	1276.0
417+93.00		418+55.00	RT	62	4	PRA OMISSION				
418+55.00		423+20.00	RT	465	4	4.7	77.5	206.7	8.8	465.0
423+20.00		433+13.00	RT	993	4	BRIDGE OMISSION				
433+13.00		446+00.00	RT	1287	4	12.9	214.5	572.0	24.4	1287.0
446+00.00		452+81.00	RT	681	4	BRIDGE OMISSION				
452+81.00		464+59.00	RT	1178	4	11.8	196.3	523.6	22.4	1178.0
464+59.00		465+04.00	RT	45	4	PRA OMISSION				
465+04.00		469+80.00	RT	476	4	4.8	79.3	211.4	9.0	475.7
469+80.00		480+33.00	RT	1053	4	STATION EQUATION				
480+33.00		483+20.00	RT	287	4	2.9	47.8	127.5	5.4	286.9
483+20.00		496+56.00	RT	1336	4	BRIDGE OMISSION				
496+56.00		496+63.00	RT	7	4	STATION EQUATION				
496+63.00		497+29.00	RT	66	4	BRIDGE OMISSION				
497+29.00		568+33.00	RT	7104	4	70.4	1172.5	3126.7	130.0	6848.0
568+33.00		568+75.00	RT	42	4	PRA OMISSION				
568+75.00		620+44.00	RT	5169	4	51.7	861.5	2297.3	95.8	5047.0
620+44.00		660+65.00	RT	4021	4	39.8	662.5	1766.7	70.6	3719.0
660+65.00		661+36.00	RT	71	4	PRA OMISSION				
661+36.00		704+53.00	RT	4317	4	42.5	701.8	1871.6	79.4	4183.0
704+53.00		705+07.00	RT	54	4	PRA OMISSION				
705+07.00		731+25.00	RT	2618	4	22.6	416.9	1111.7	43.0	2265.3
731+25.00		732+55.00	RT	130	4	STATION EQUATION				
732+55.00		737+31.00	RT	476	4	4.2	69.8	186.1	7.9	418.7
737+31.00		737+87.00	RT	56	4	PRA OMISSION				
737+87.00		755+16.00	RT	1729	4	17.3	281.7	768.4	29.1	1535.0
755+16.00		757+98.00	RT	282	4	BRIDGE OMISSION				
757+98.00		809+76.00	RT	5178	4	43.7	801.8	2121.3	78.5	4137.0
TOTAL						934.0	15653.0	41715.0	1722.0	103855.0

MODEL: Default
 FILE: \\hpc\p\ul\B&E\BID\ITEC\Illinois\gov\p\ul\DOT\Documents\10DOT Office\10DOT\74852\shld-schedule.dgn

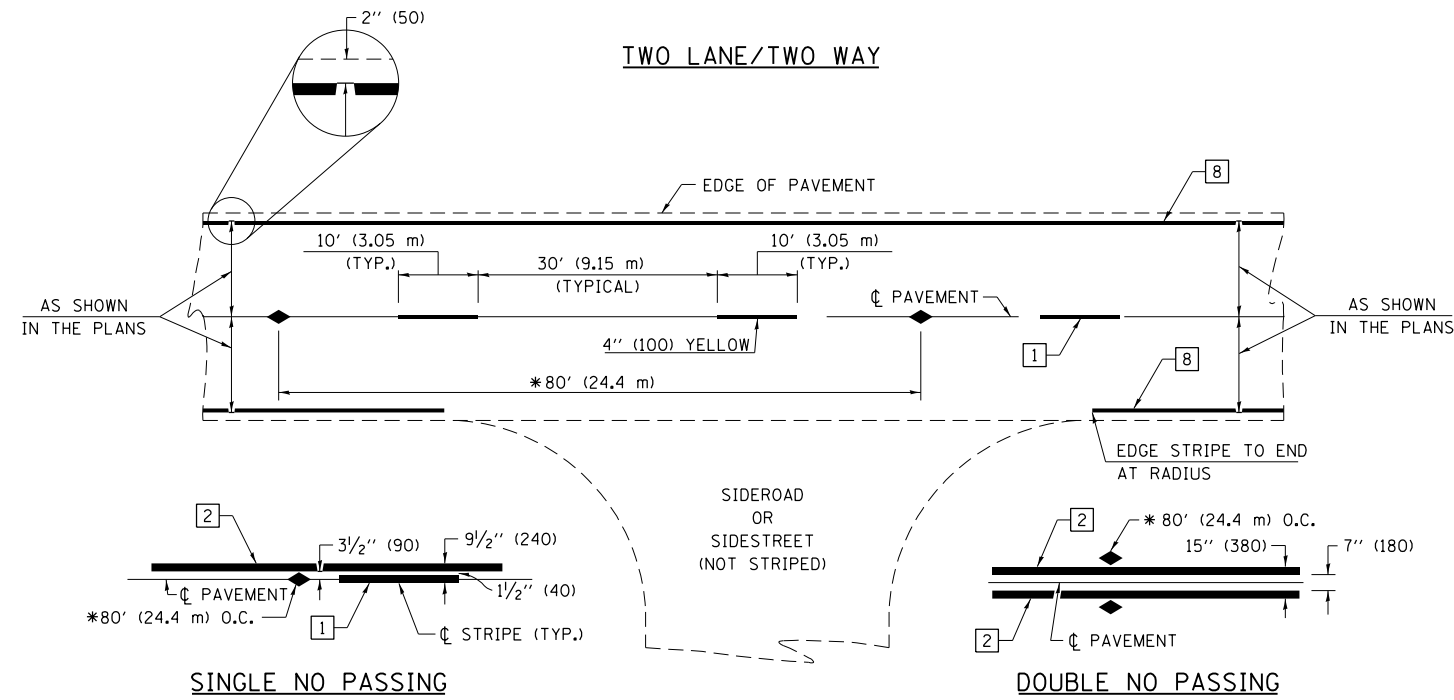
USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/28/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

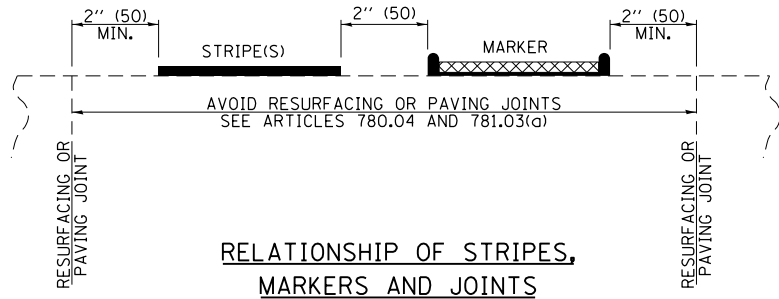
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
823	*	WAYNE	10	6
* D7 HMA SAFETY SHLD 2018-4		CONTRACT NO. 74852		
ILLINOIS		FED. AID PROJECT		



* 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

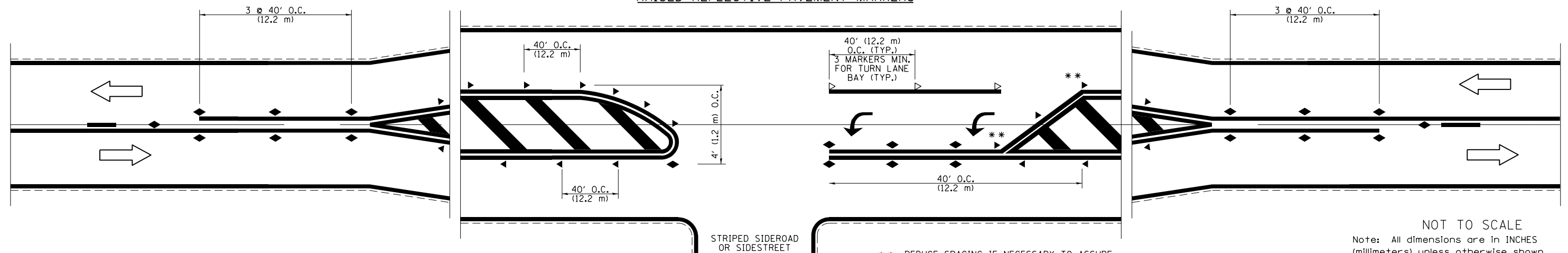


RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

TYPICAL PAVEMENT MARKERS LEGEND

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

RAISED REFLECTIVE PAVEMENT MARKERS



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

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

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74852\Drawings\CABsheets\0774852-sht-details.dwg		CHECKED -	REVISED -
	PLOT SCALE = 0.8400" / in.	DATE -	REVISED -
	PLOT DATE = 3/28/2018		

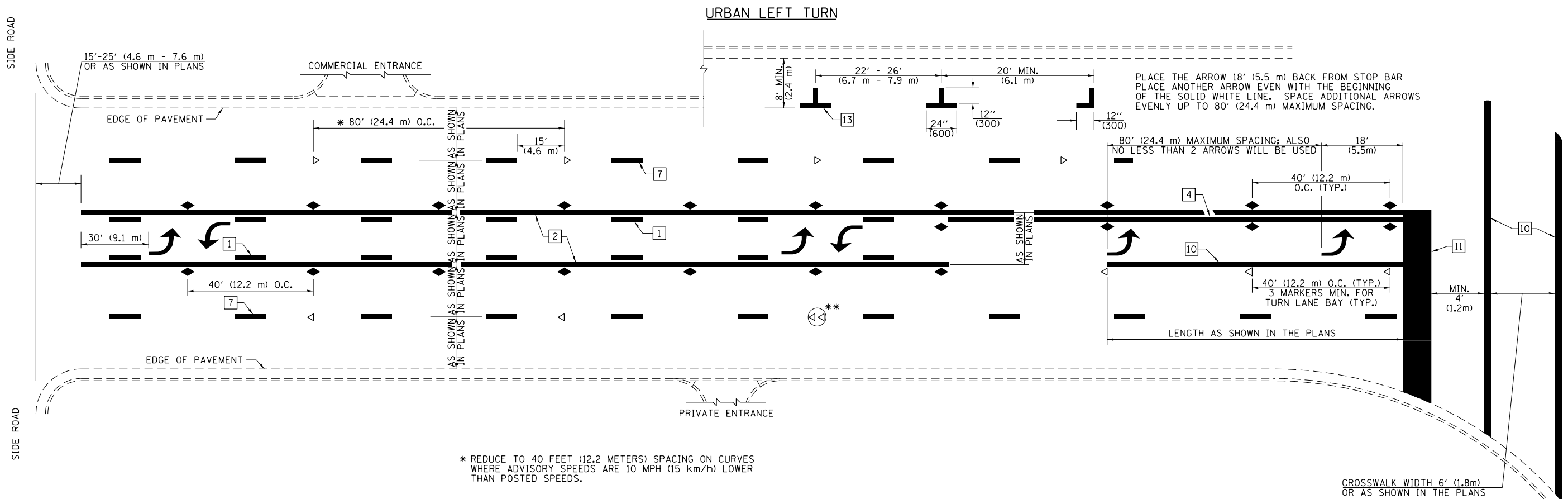
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

DISTRICT 7 DETAIL NO. 78000001

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
823		WAYNE	10	7
• D7 HMA SAFETY SHLD 2018-4			CONTRACT NO. 74852	
ILLINOIS FED. AID PROJECT				



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.

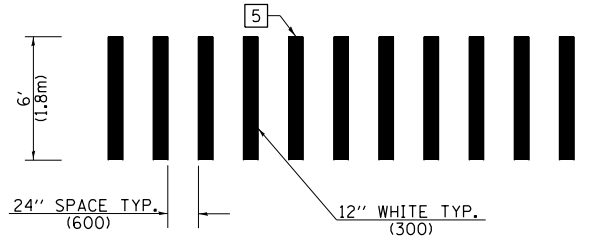
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED
 AND SPACED AS SHOWN IN HIGHWAY STANDARD
 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED
 HIGHWAYS.

PAVEMENT MARKING LEGEND

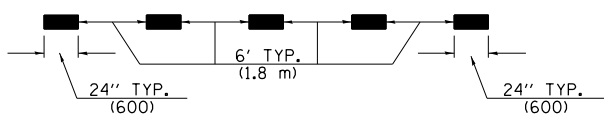
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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

GENERAL NOTES

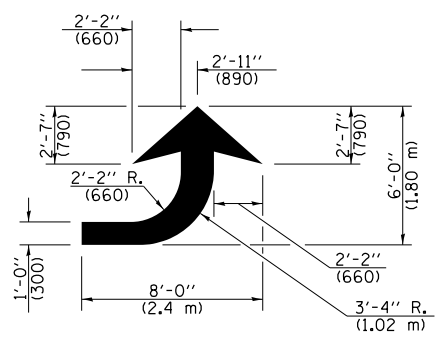
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT 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)**

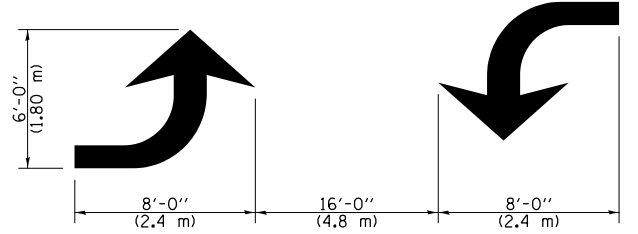


LANE LINE EXTENSIONS



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

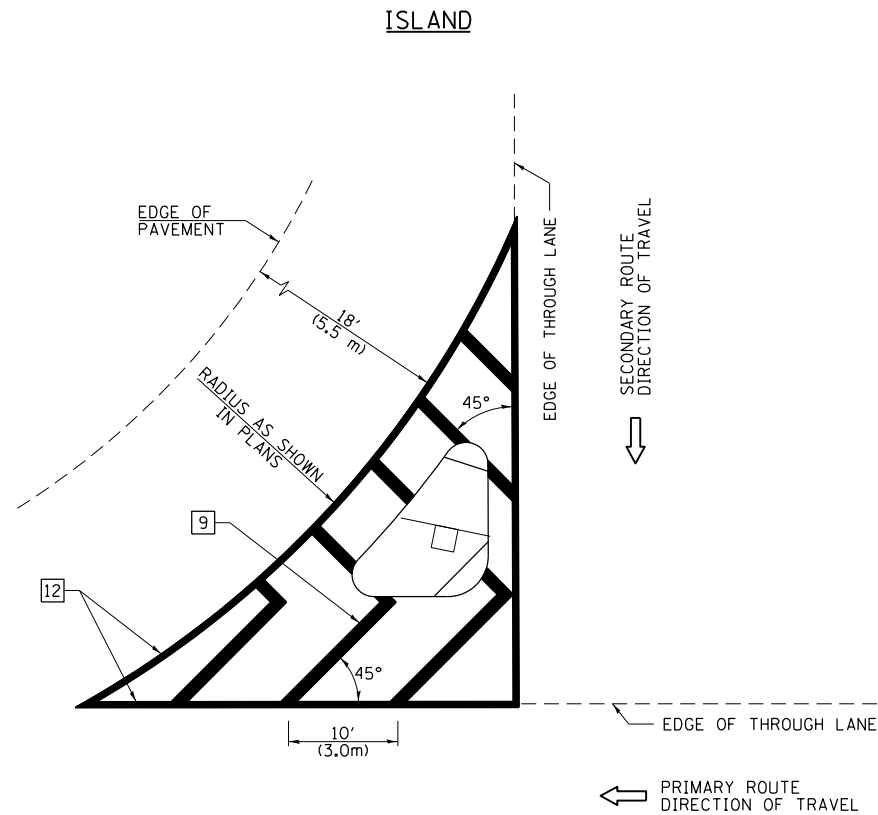
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\74852\Drawings\CABsheets\0774852-sht-details.dwg		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
 (RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
823		WAYNE	10	8
D7 HMA SAFETY SHLD 2018-4			CONTRACT NO. 74852	
ILLINOIS FED. AID PROJECT				

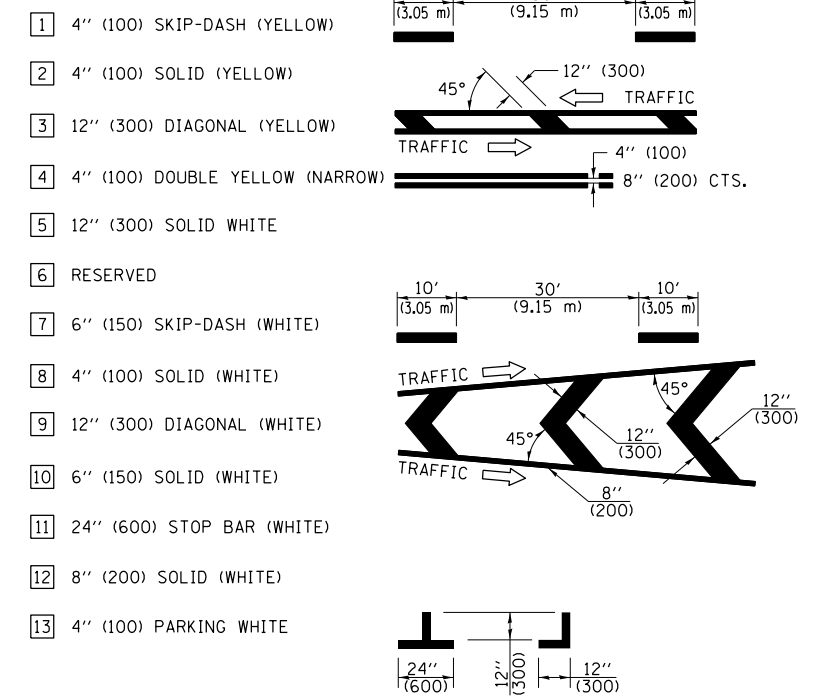


GENERAL NOTES

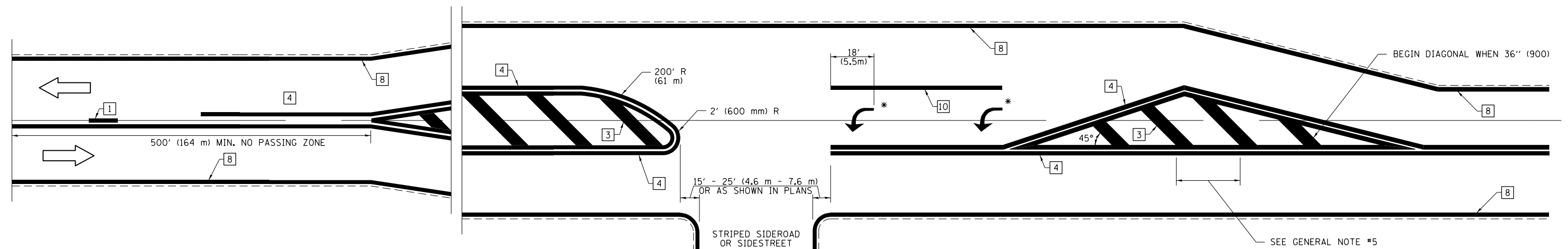
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING 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:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74852\Drawings\CAB\Drawings\74852-shd-details.dwg		DRAWN -	REVISED -
	PLOT SCALE = 0.8400' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/28/2018	DATE -	REVISED -

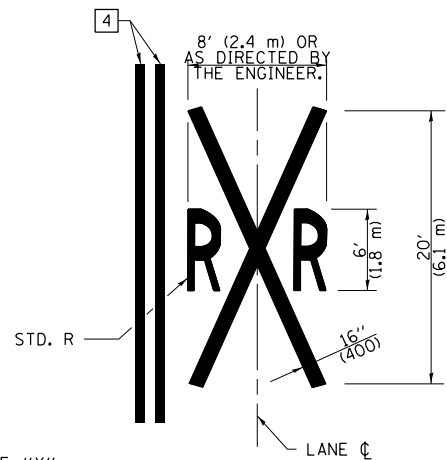
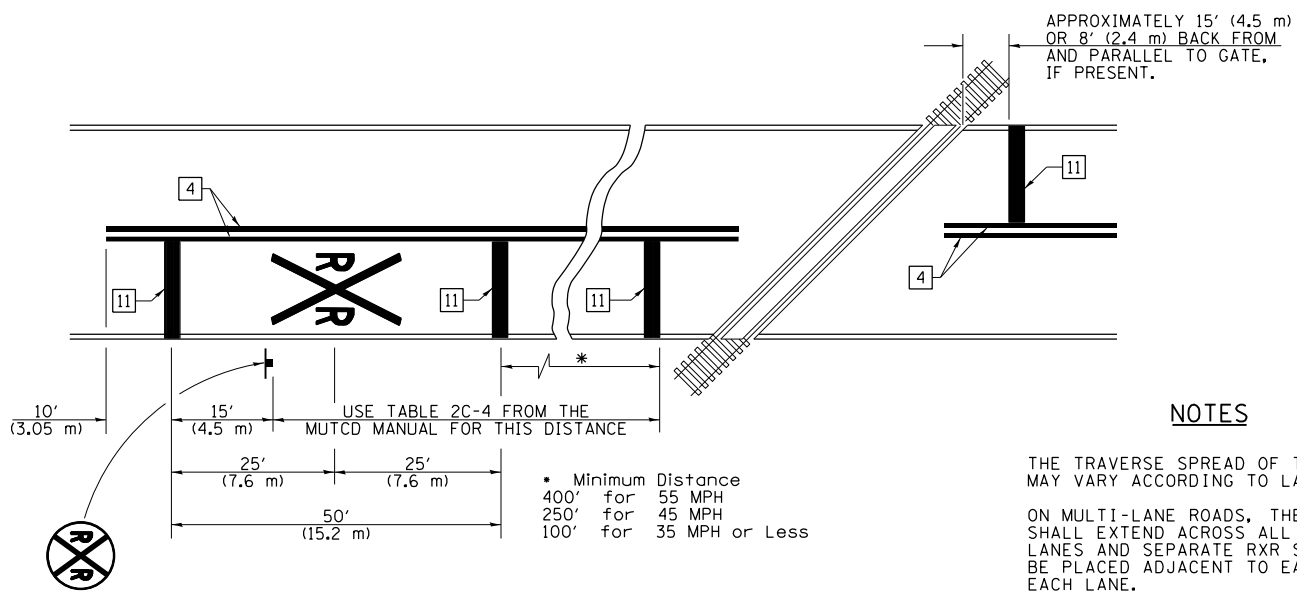
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
823		WAYNE	10	9
* D7 HMA SAFETY SHLD 2018-4			CONTRACT NO. 74852	
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

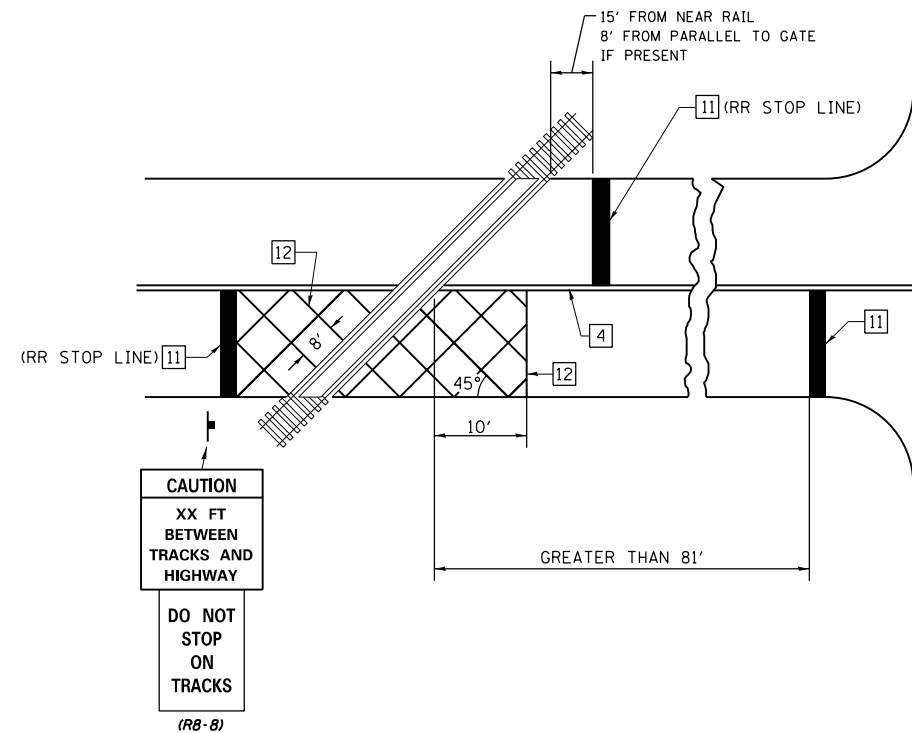
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

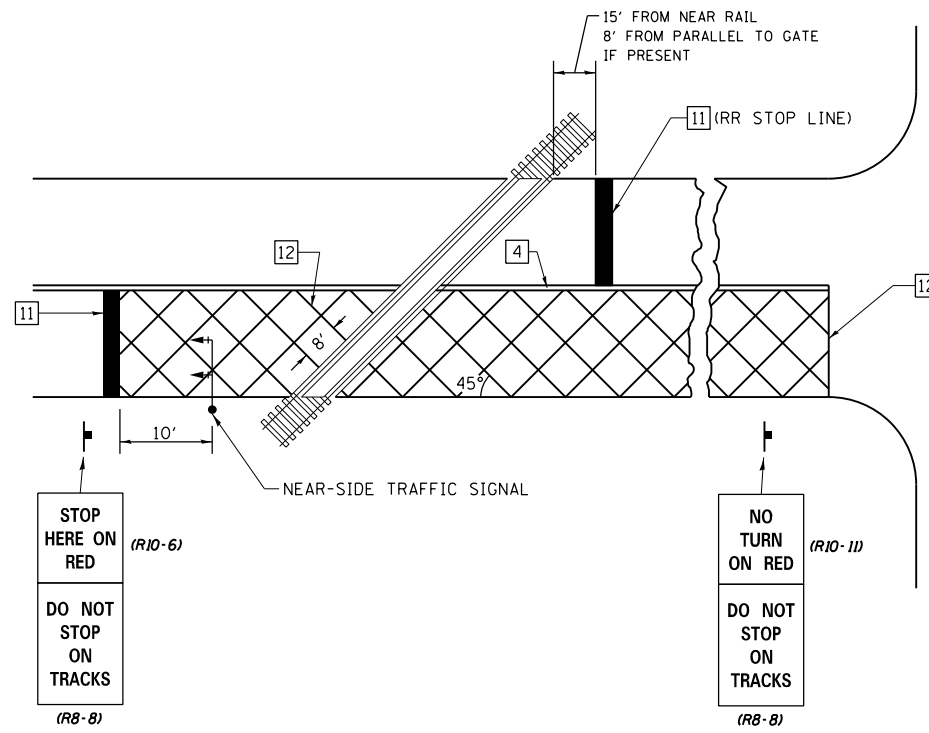
PAVEMENT MARKING LEGEND

- 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
- 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

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- 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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\74852\Drawings\CABsheets\D774852-sht-details.dwg	PLotted	CHECKED -	REVISED -			823		WAYNE	10	10
	PLOT SCALE = 0.8400' / in.	DATE -	REVISED -			• D7 HMA SAFETY SHLD 2018-4		CONTRACT NO. 74852		
	PLOT DATE = 3/28/2018					ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.