

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
750	D7 HMA SAFETY SHLD 2018-1	FAYETTE	20	1
FED. ROAD DIST. NO. 7 ILLINOIS		CONTRACT NO. 74787		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

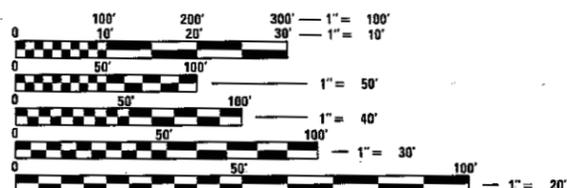
PROPOSED HIGHWAY PLANS

FAP ROUTE 750 (IL 185)
SECTION D7 HMA SAFETY SHLD 2018-1
PROJECT HSIP-IWEI(308)
NEW SHOULDERS, SAFETY IMPROVEMENTS
FAYETTE COUNTY

C-97-018-17

STATION EQUATIONS:

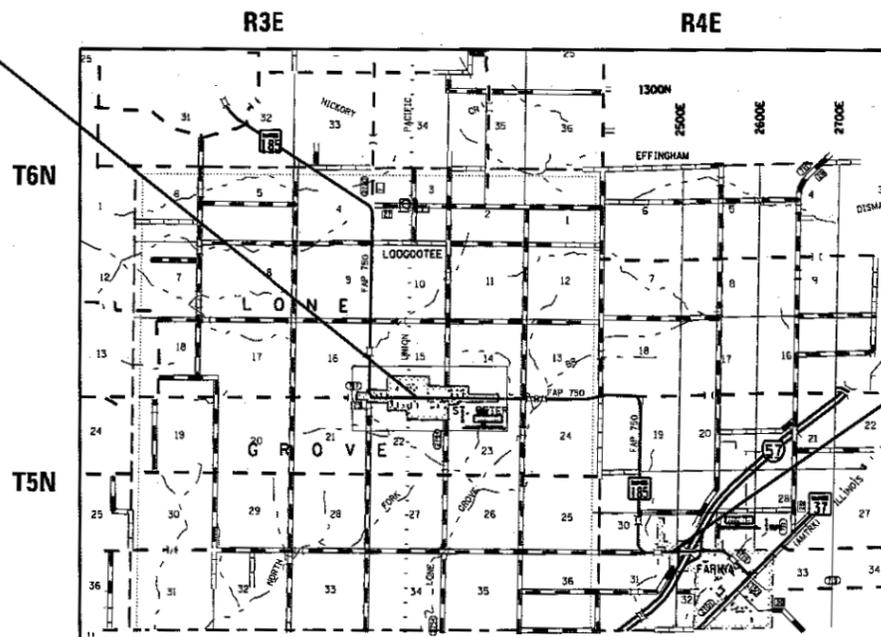
843 + 19 (BK) = 843 + 34 (AH)
863 + 65 (BK) = 862 + 71 (AH)
968 + 83 (BK) = 971 + 55 (AH)



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 BEGINS
STA. 707 + 50



PROJECT ENDS
STA. 983 + 45

LOCATION MAP

GROSS LENGTH = 27,402 FT. = 5.19 MILE
NET LENGTH = 27,402 FT. = 5.19 MILE

PROJECT ENGINEER: TOM RONAN
PROJECT MANAGER: MATTHEW METTE /MITCHELL HOEDEBECKE
PHONE: (217) 342-8320
CONTRACT NO. 74787

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 10 20 17
Jeffrey M. Smith 10
REGIONAL ENGINEER

Oct 13 20 17
Maureen M. Addis PE
ENGINEER OF DESIGN AND ENVIRONMENT

Oct 13 20 17
Annette [Signature] 2
DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS & GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-5	TYPICAL SECTIONS
6	SCHEDULE
7-16	PLAN SHEETS
17-20	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 20:

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND A FOOT
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
642006	SHOULDER RUMBLE STRIPS, 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
701901-06	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 INCLUDED IN THIS SECTION CONSISTS OF PLACING HMA SAFETY SHOULDERS, AGGREGATE WEDGE SHOULDERS, RUMBLE STRIPS, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY 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.

THE MATERIAL EXCAVATED FOR THE CONSTRUCTION OF THE HMA SHOULDERS SHALL BE REMOVED FROM THE PROJECT ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. THE REMOVAL OF THE EXCAVATED MATERIAL SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER UNIT FOR EXCAVATING AND GRADING EXISTING SHOULDER.

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 FACILITY. HAULING THE EXCESS MATERIAL SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE PER UNIT PRICE FOR PAVED SHOULDER REMOVAL (SPECIAL) AND EXCAVATING AND GRADING EXISTING SHOULDERS. THE STORAGE FACILITY IS LOCATED AT AN OLD SPUR NEAR THE JUNCTION OF 185 AND US 40, JUST EAST OF BLUFF CITY. THE MAINTENANCE FIELD ENGINEER, DOUG RUDOLPHI, SHALL BE CONTACTED AT 217-342-8281 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 IN THE CITY LIMITS OF ST. PETER AND FARINA. 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, HMA AND PCC ENTRANCES, AND CONCRETE GUTTER LOCATIONS.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING - LINE 4" CONSISTS OF 53,411 FEET OF WHITE AND 0 FEET OF YELLOW.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

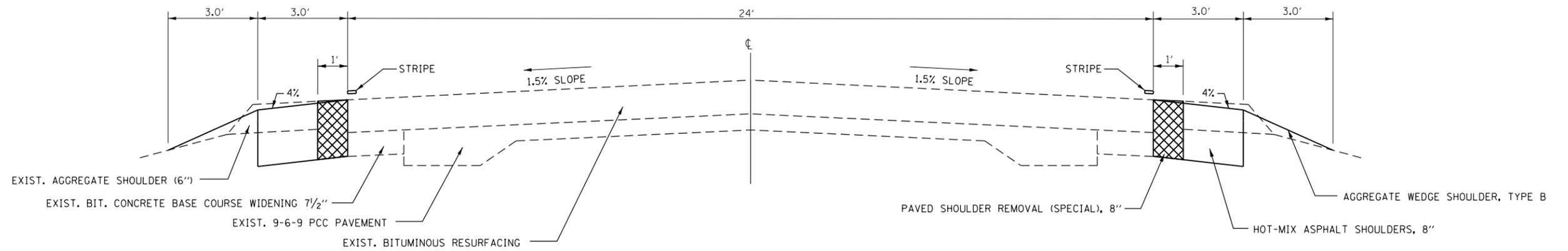
MIXTURE USE:	HMA SHOULDERS, 8" (BOTTOM 6" LIFT)	QCOA
APPLICATION:	HOT-MIX ASPHALT SHOULDERS	
PG GRADE:	PG 64-22	
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 30	
MIXTURE COMPOSITION:	IL-19.0L	
FRICTION AGGREGATE:	N/A	

MIXTURE USE:	HMA SHOULDERS, 8" (TOP 2" LIFT)	QCOA
APPLICATION:	HOT-MIX ASPHALT SHOULDERS	
PG GRADE:	PG 64-22	
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 30	
MIXTURE COMPOSITION:	IL-9.5L	
FRICTION AGGREGATE:	N/A	

THE FOLLOWING APPLICATION RATES HAVE BEEN USED TO CALCULATE PLAN QUANTITIES:

AGGREGATE WEDGE SHOULDERS 2.05 TONS/CU YD

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & GENERAL NOTES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLLOT DATE = 8/16/2017	DATE -	REVISED -		• D7 HMA SAFETY SHLD 2018-1			CONTRACT NO. 74787				
					SCALE: N/A	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

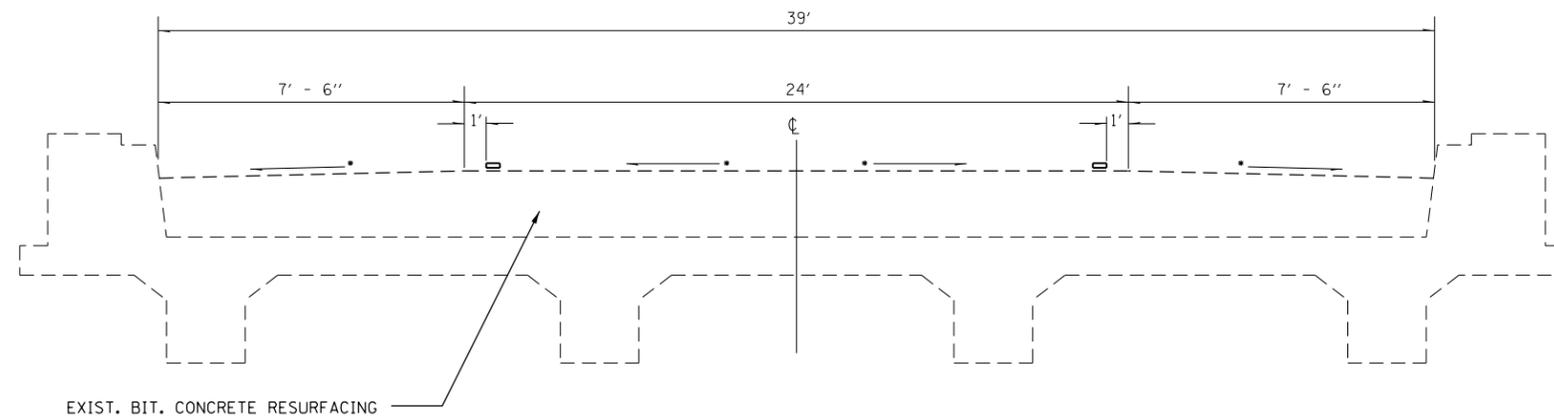


TYPICAL SECTION

STATION 707+50 TO STATION 717+00
 STATION 718+62 TO STATION 728+17
 STATION 729+00 TO STATION 729+26
 STATION 729+77 TO STATION 780+01
 STATION 780+27 TO STATION 789+98
 STATION 790+24 TO STATION 939+85
 STATION 940+15 TO STATION 958+65
 STATION 971+65 TO STATION 981+50

 PAVED SHOULDER REMOVAL (SPECIAL)

NOTE: NOT DRAWN TO SCALE



TYPICAL SECTION BOX CULVERT OMISSIONS

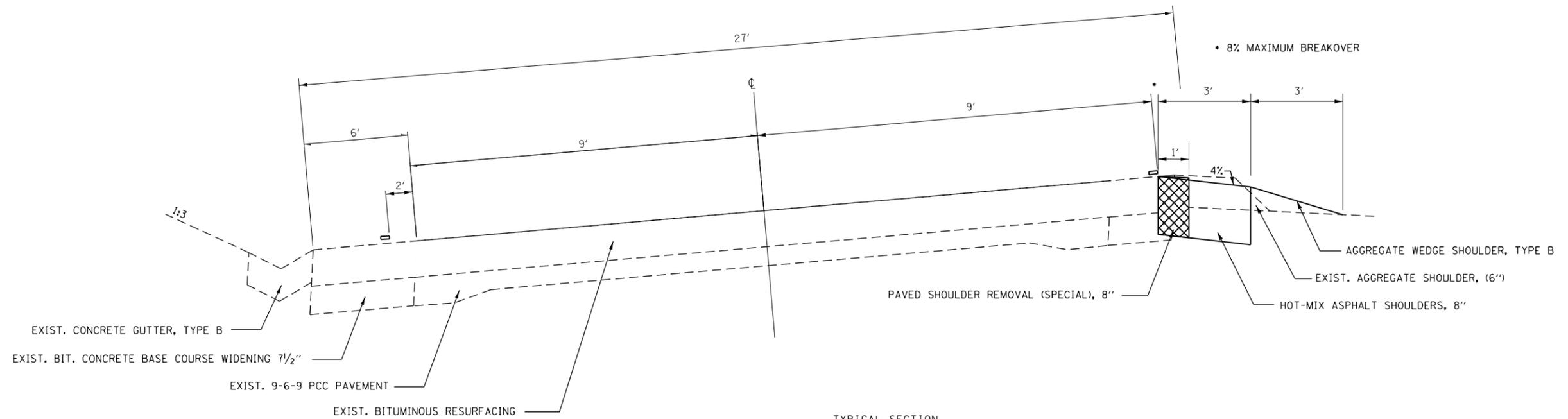
STATION 780+01 TO STATION 780+27
 STATION 789+98 TO STATION 790+24
 STATION 939+85 TO STATION 940+15

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS			
SCALE:	SHEET 1	OF 2 SHEETS	STA. TO STA.

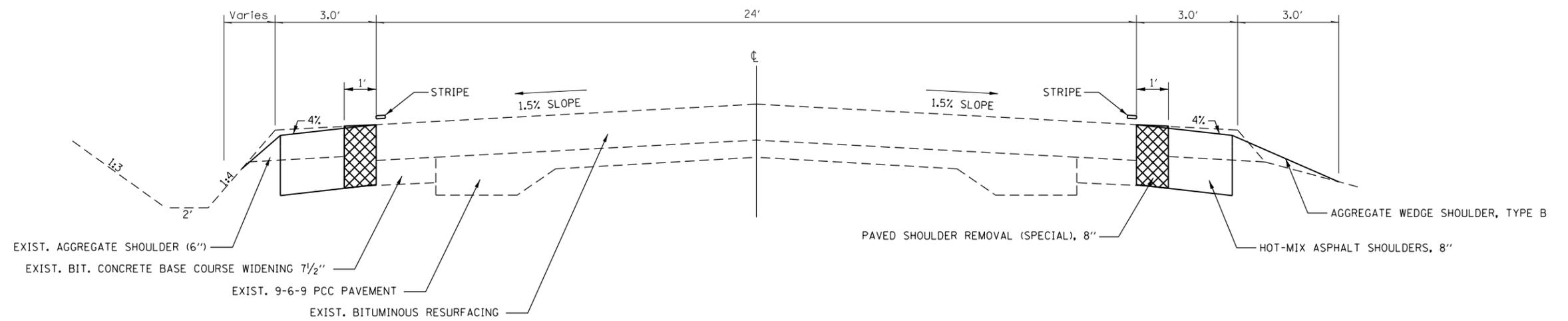
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750	•	FAYETTE	20	4
• D7 HMA SAFETY SHLD 2018-1			CONTRACT NO. 74787	
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION
STATION 958+65 TO STATION 971+65

 PAVED SHOULDER REMOVAL (SPECIAL)

NOTE: NOT DRAWN TO SCALE



TYPICAL SECTION
STATION 717+00 TO STATION 718+62
STATION 728+17 TO STATION 729+00
STATION 729+26 TO STATION 729+77

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

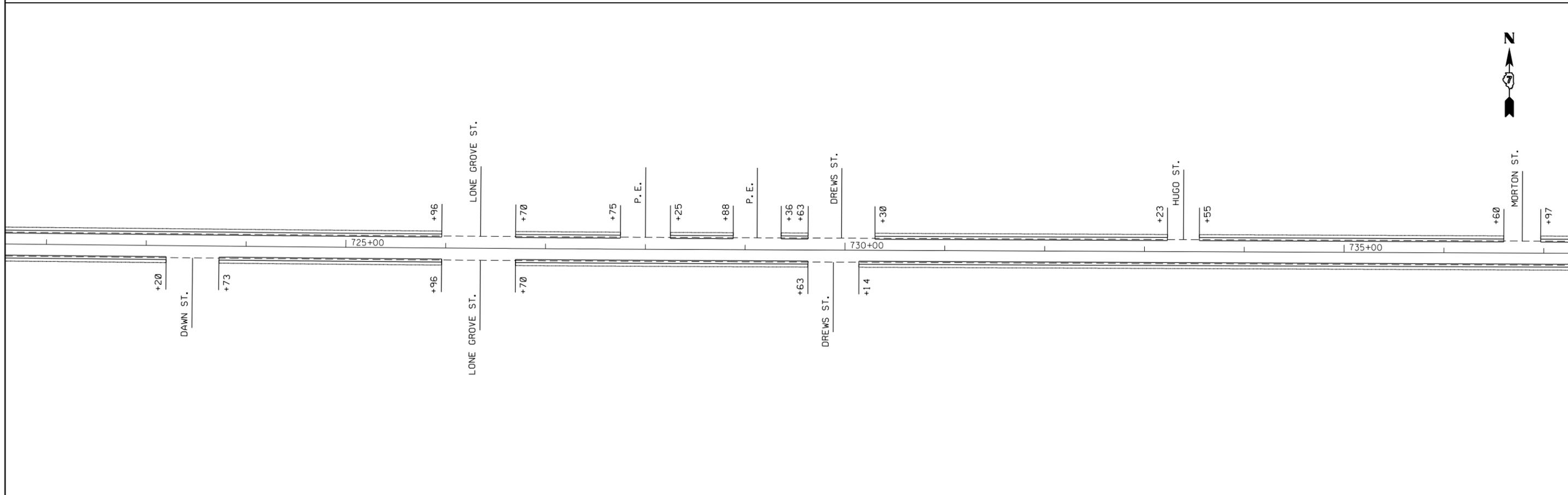
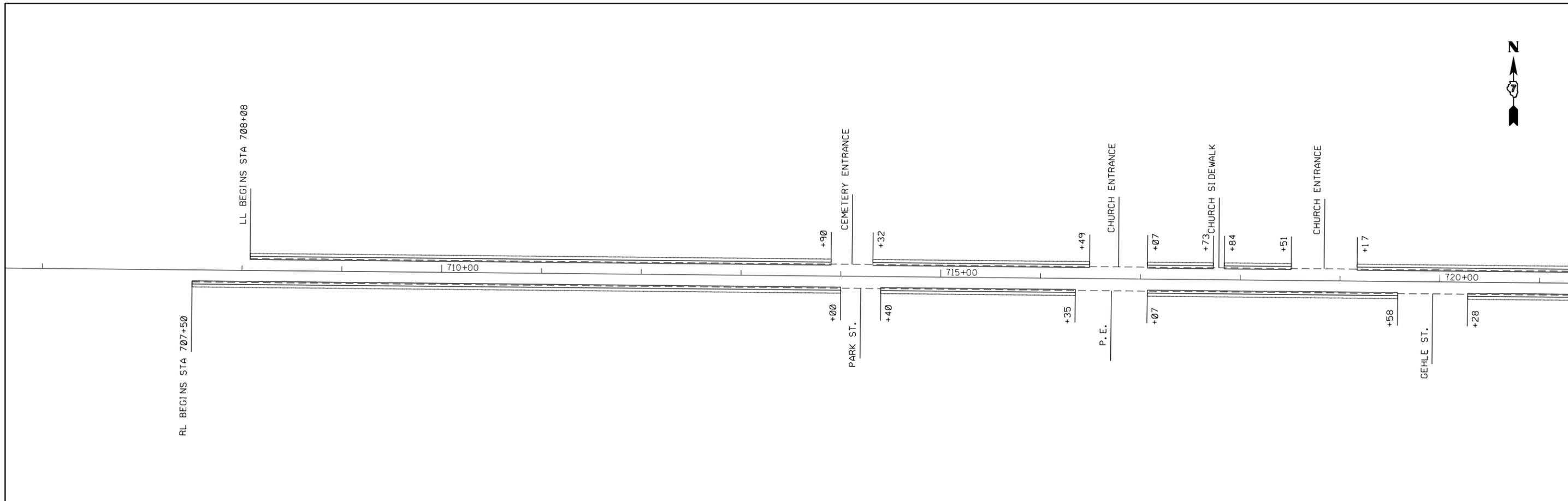
TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
750		FAYETTE	20	5
D7 HMA SAFETY SHLD 2018-1			CONTRACT NO. 74787	
ILLINOIS FED. AID PROJECT				

SHOULDER SCHEDULE			LENGTH	SIDE	EXCAVATING & GRADING EXISTING SHOULDER	PAVED SHOULDER REMOVAL (SPECIAL)	HOT-MIX ASPHALT SHOULDERS, 8"	SHOULDER RUMBLE STRIPS, 8"	AGGREGATE WEDGE SHOULDER, TYPE B
STATION	TO	STATION	FOOT	-	UNIT	SO YD	SO YD	FOOT	TON
FAYETTE COUNTY									
707+50	TO	739+63.0	3213	RT	28.5	317.0	951.0	0.0	108.3
739+63	TO	843+19.0	10356	RT	102.3	1136.8	3410.3	9831.0	388.4
843+19.0	TO	843+34		RT	STATION EQUATION				
843+34	TO	863+65	2031	RT	20.31	225.7	677.0	2031.0	77.1
863+65	TO	862+71		RT	STATION EQUATION				
862+71.0	TO	968+83	10612	RT	99.0	1100.1	3300.3	9967.0	375.9
968+83	TO	971+55		RT	STATION EQUATION				
971+55	TO	983+45	1190	RT	11.9	132.2	396.7	1190.0	45.2
RT TOTAL					262.1	2911.8	8735.3	23019.0	994.9
FAYETTE COUNTY									
708+08	TO	739+63	3155	LT	26.2	291.0	873.0	0.0	99.4
739+63	TO	843+19	10356	LT	101.3	1125.0	3375.0	9702.0	384.4
843+19	TO	843+34		LT	STATION EQUATION				
843+34	TO	863+65	2031	LT	19.0	210.9	632.7	1805.0	72.1
863+65	TO	862+71		LT	STATION EQUATION				
862+71	TO	968+83	10612	LT	90.8	1009.3	3028.0	9363.0	344.9
968+83	TO	971+55		LT	STATION EQUATION				
971+55	TO	983+45	1190	LT	9.1	100.9	302.7	798.0	34.5
LT TOTAL					246.3	2737.1	8211.4	21668.0	935.3
PROJECT TOTALS:			54746	-	508	5649	16947	44687	1930

PAVEMENT MARKING SCHEDULE				PAINT PAVEMENT MARKING - LINE 4"
STATION	TO	STATION	FOOT	
FAYETTE COUNTY				
RT				
707+50	TO	739+63	2925.0	
739+63	TO	843+19	10229.0	
843+19	TO	843+34	0.0	
843+34	TO	863+65	2031.0	
863+65	TO	862+71	0.0	
862+71	TO	968+83	10327.0	
968+83	TO	971+55	0.0	
971+55	TO	983+45	1190.0	
RT TOTAL			26702.0	
LT				
708+08	TO	739+63	2945.0	
739+63	TO	843+19	10218.0	
843+19	TO	843+34	0.0	
843+34	TO	863+65	1805.0	
863+65	TO	862+71	0.0	
862+71	TO	968+83	10551.0	
968+83	TO	971+55	0.0	
971+55	TO	983+45	1190.0	
LT TOTAL			26709.0	
TOTAL =			53411.0	



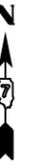
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	PLOT DATE = 8/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
750	*	FAYETTE	20	7
• D7 HMA SAFETY SHLD 2018-1			CONTRACT NO. 74787	
ILLINOIS FED. AID PROJECT				



+60 MORTON ST.
 +97
 +12 NANCY ST.
 +63

740+00 745+00 750+00



755+00 760+00 765+00

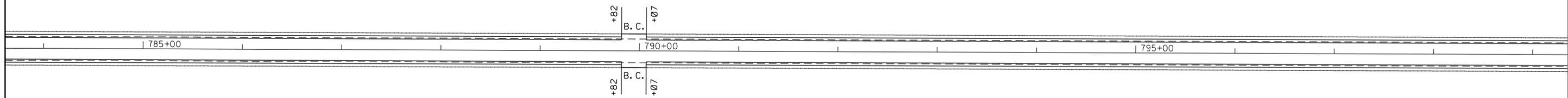
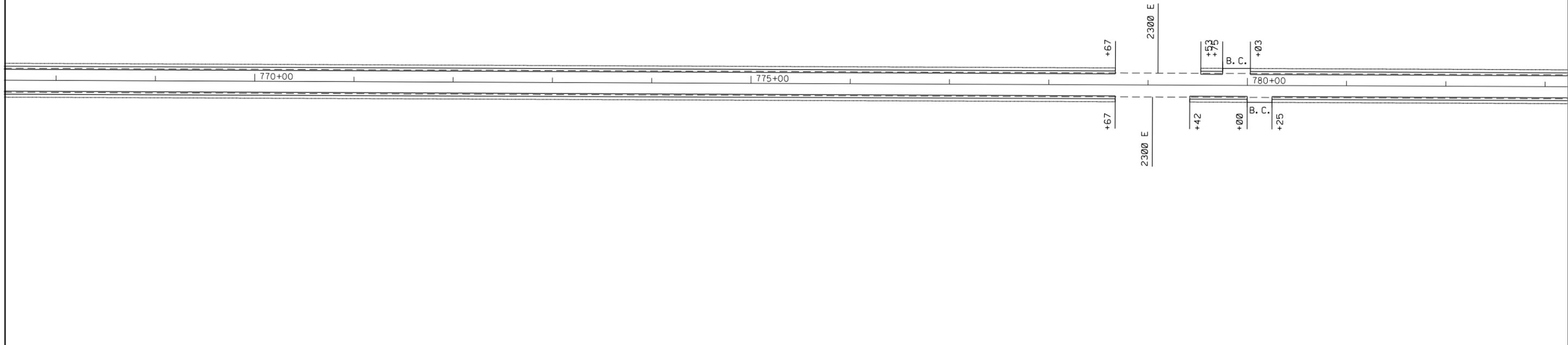
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: SHEET 2 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
750		FAYETTE	20	8
• D7 HMA SAFETY SHLD 2018-1			CONTRACT NO. 74787	
ILLINOIS FED. AID PROJECT				



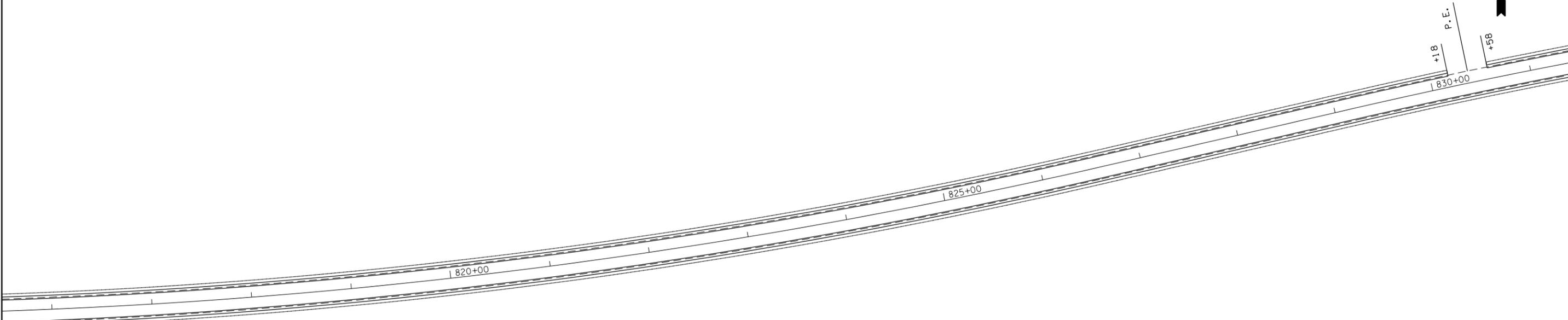
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: SHEET 3 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
750		FAYETTE	20	9
• D7 HMA SAFETY SHLD 2018-1			CONTRACT NO. 74787	
ILLINOIS FED. AID PROJECT				



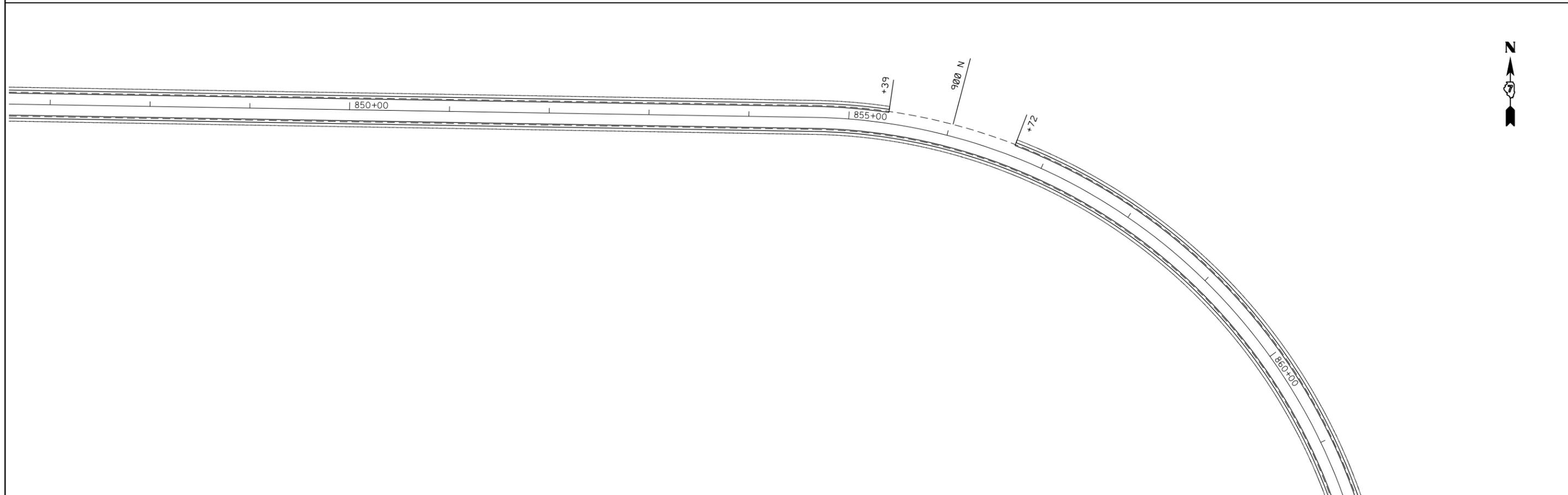
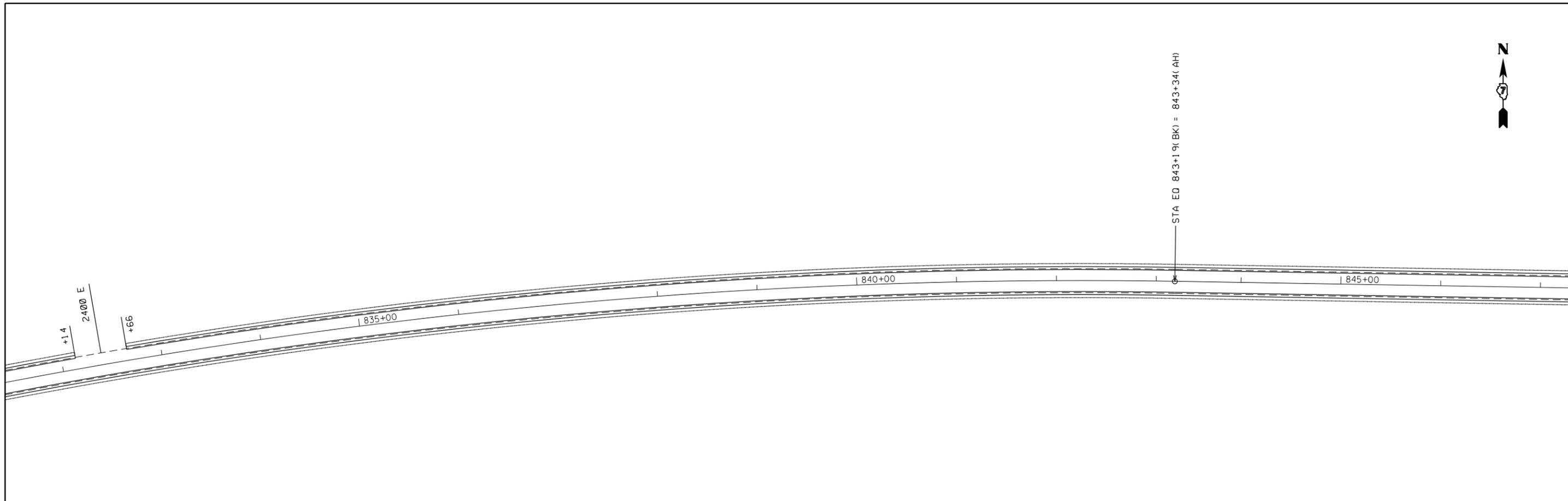
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

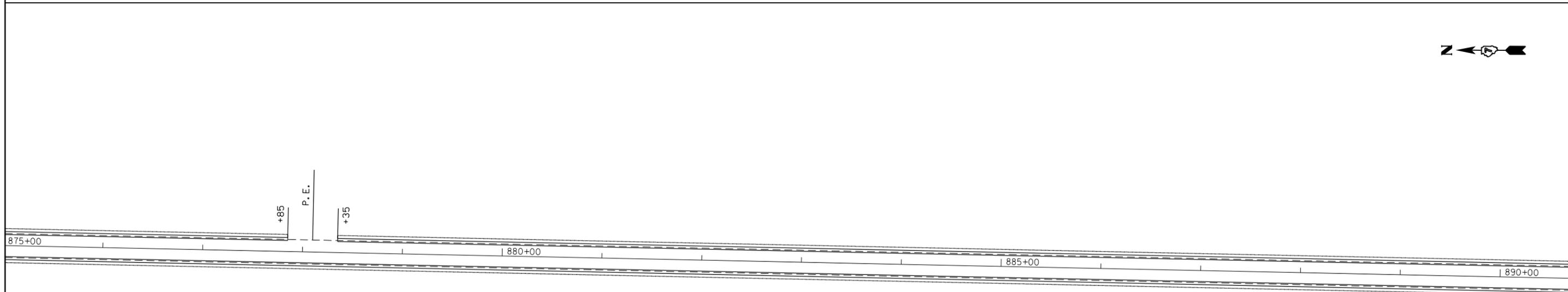
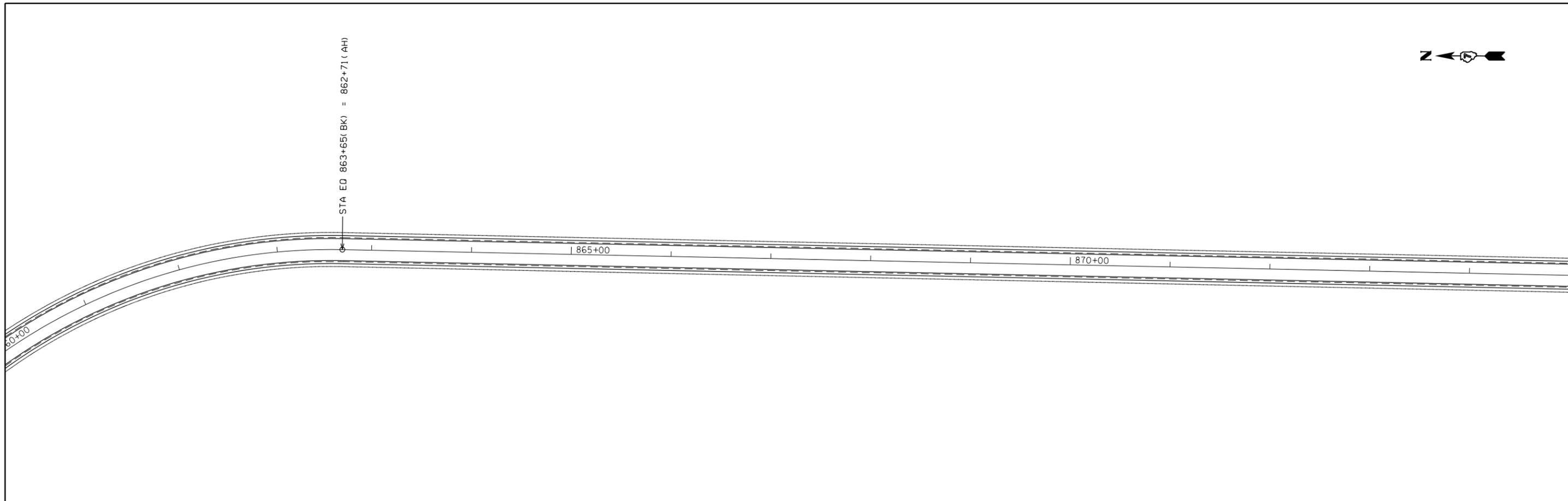
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SCALE: SHEET 4 OF 10 SHEETS STA. TO STA.

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750		FAYETTE	20	10
• D7 HMA SAFETY SHLD 2018-1			CONTRACT NO. 74787	
ILLINOIS FED. AID PROJECT				



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	PLOT DATE = 8/16/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



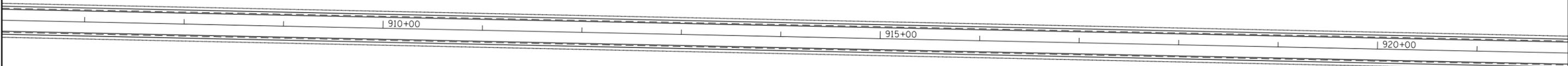
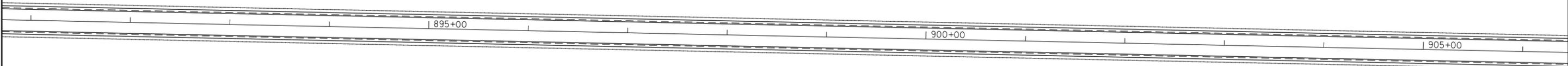
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
750		FAYETTE	20	12
D7 HMA SAFETY SHLD 2018-1			CONTRACT NO. 74787	
ILLINOIS FED. AID PROJECT				



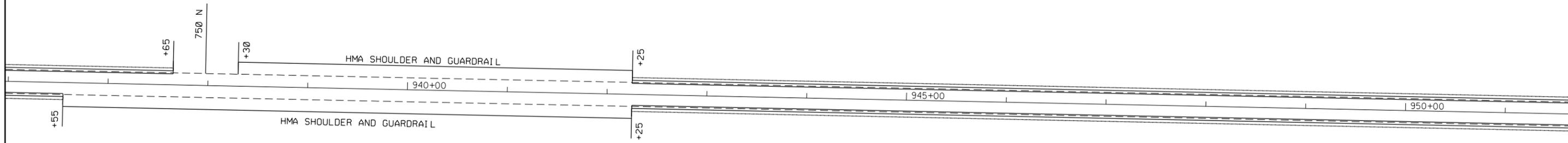
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
750		FAYETTE	20	13
D7 HMA SAFETY SHLD 2018-1			CONTRACT NO. 74787	
ILLINOIS FED. AID PROJECT				



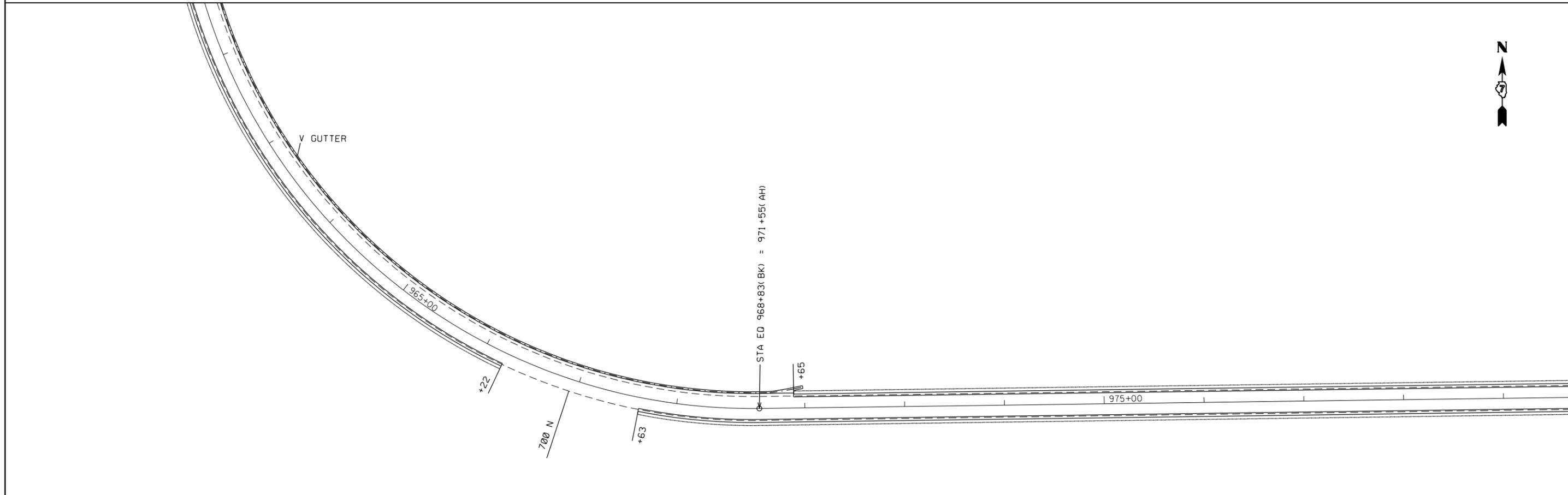
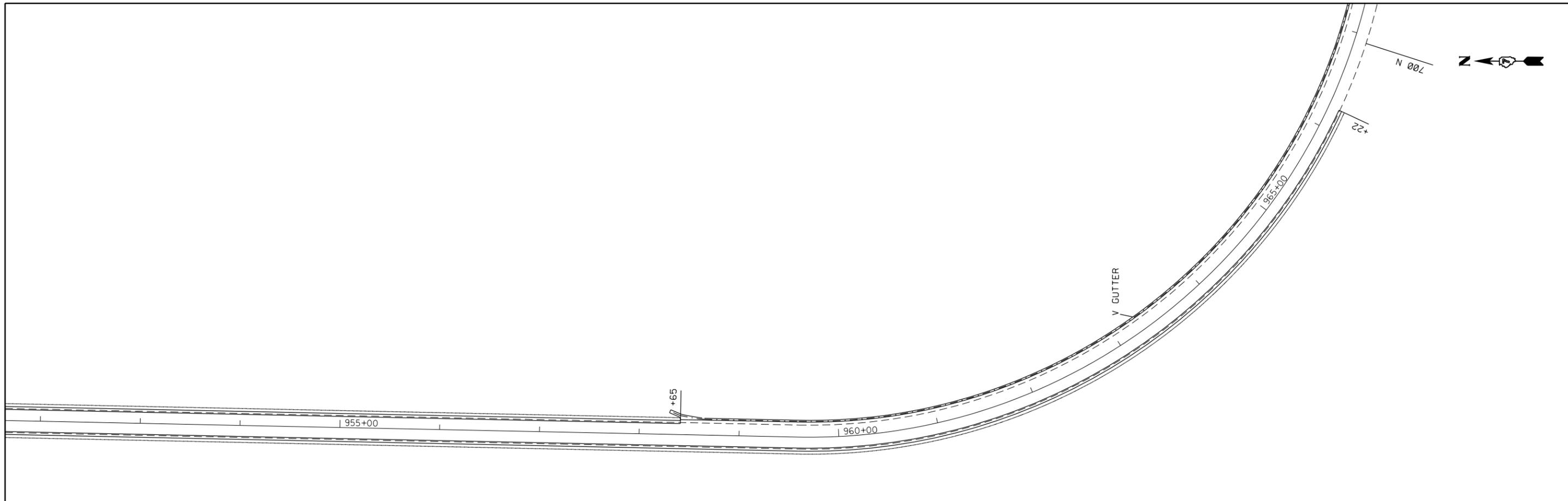
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
750		FAYETTE	20	14
• D7 HMA SAFETY SHLD 2018-1			CONTRACT NO. 74787	
ILLINOIS FED. AID PROJECT				



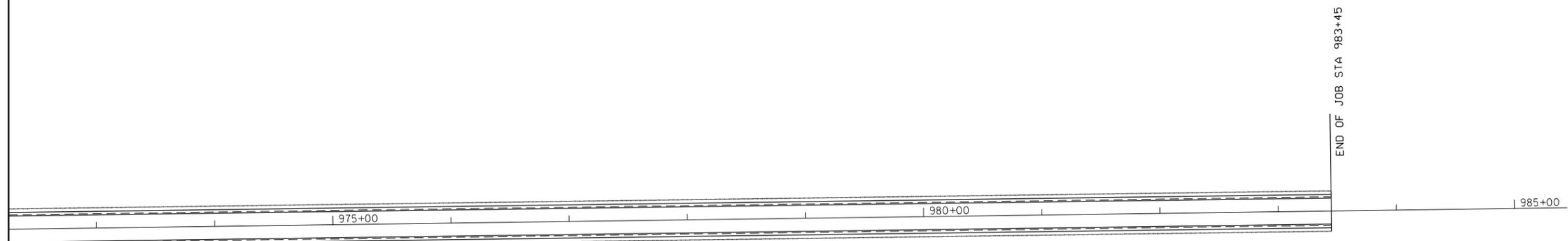
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
750		FAYETTE	20	15
• D7 HMA SAFETY SHLD 2018-1			CONTRACT NO. 74787	
ILLINOIS FED. AID PROJECT				



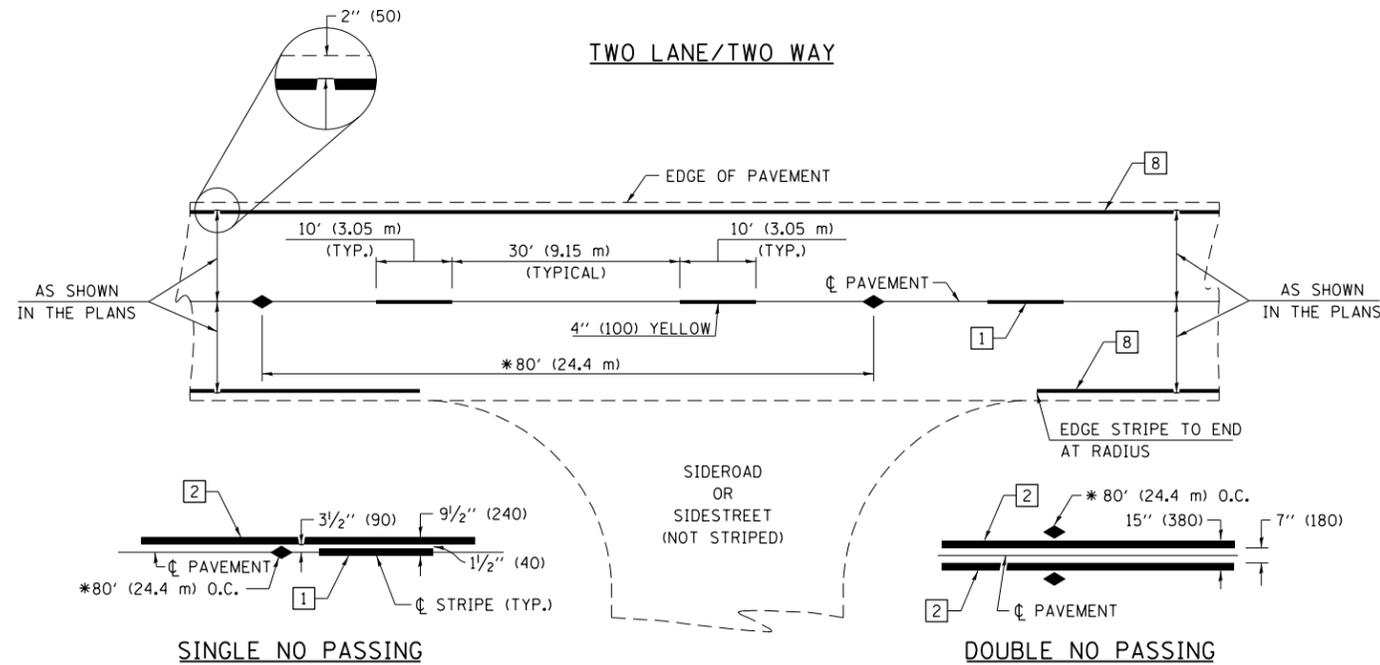
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/16/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: SHEET 10 OF 10 SHEETS STA. TO STA.

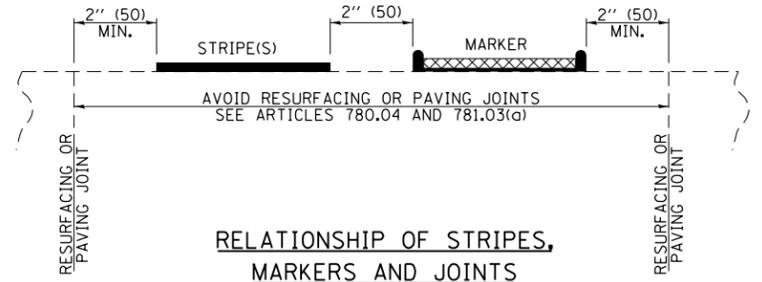
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
750		FAYETTE	20	16
• D7 HMA SAFETY SHLD 2018-1			CONTRACT NO. 74787	
ILLINOIS FED. AID PROJECT				



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

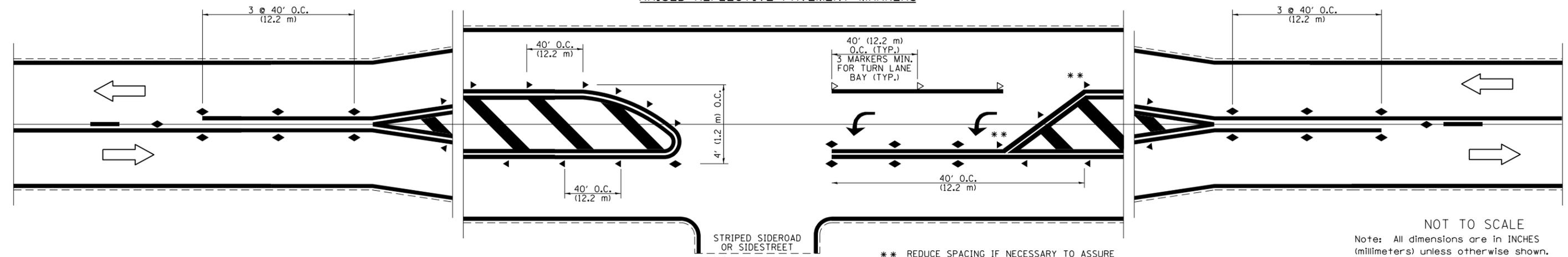
* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.



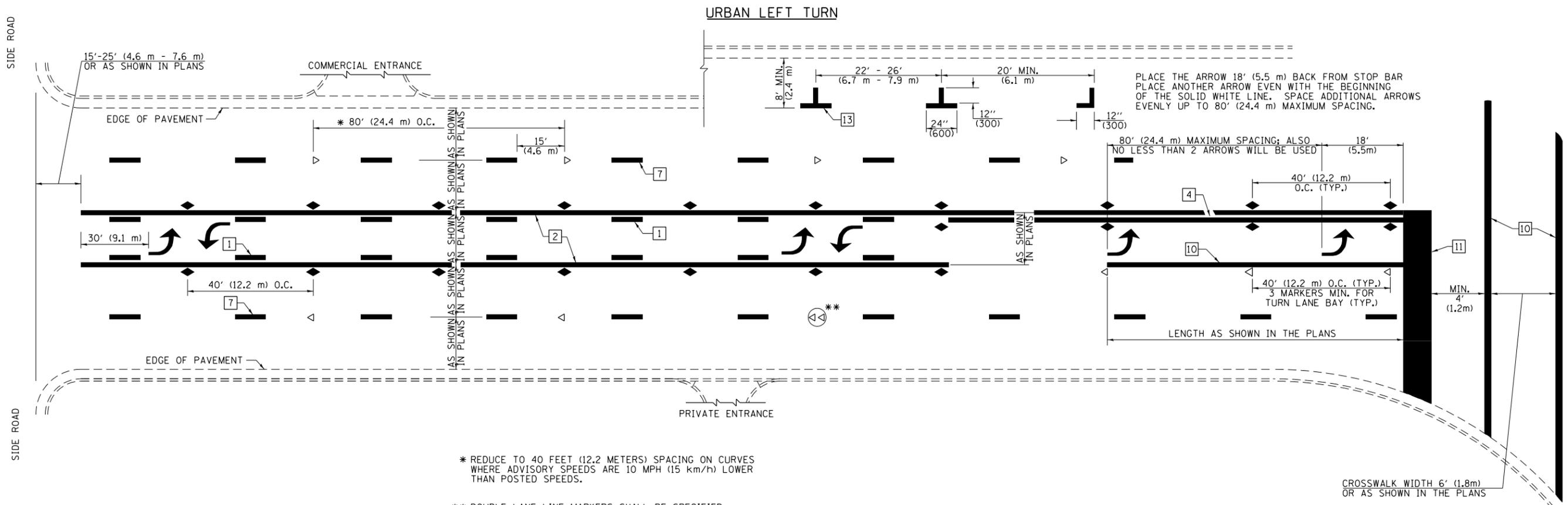
TYPICAL PAVEMENT MARKERS LEGEND

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

RAISED REFLECTIVE PAVEMENT MARKERS



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



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

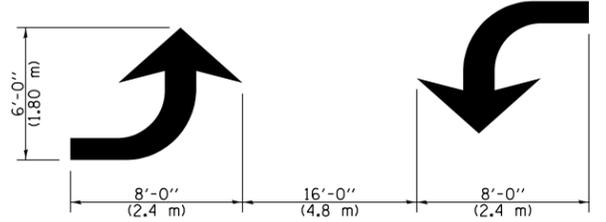
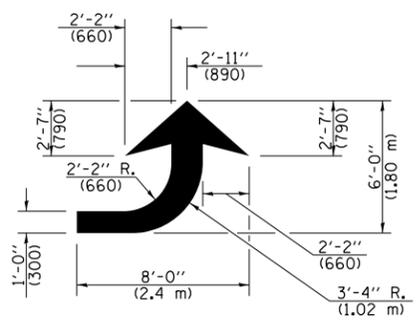
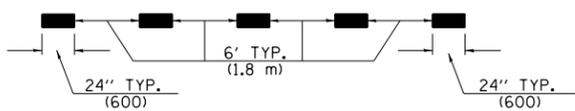
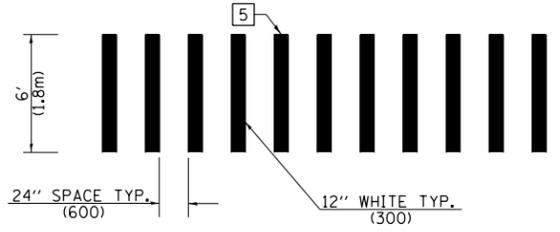
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

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

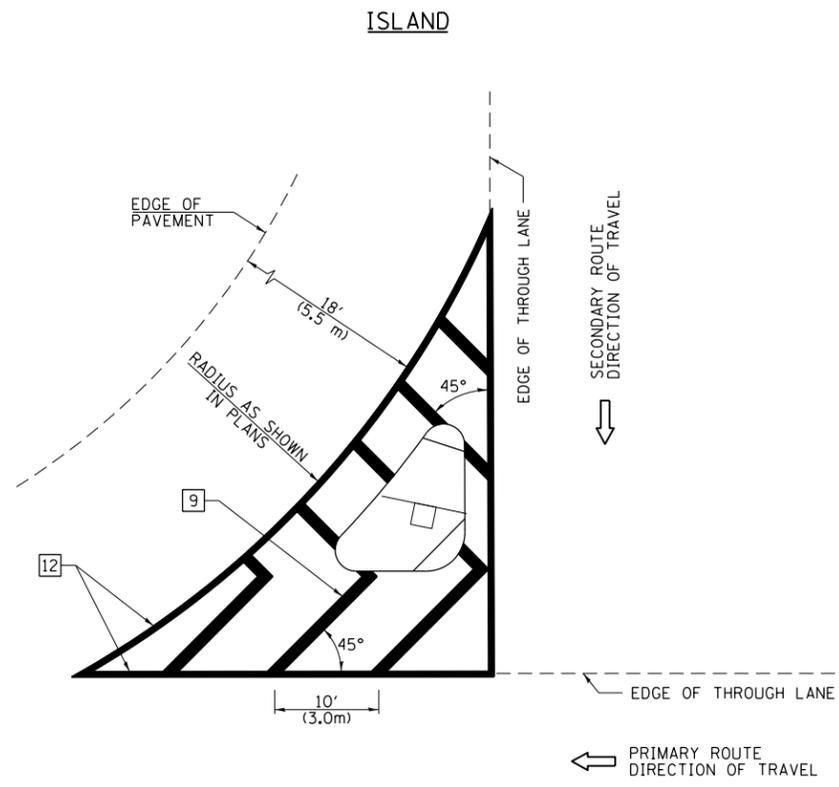
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT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



TYPICAL DOUBLE TURN ARROWS (WHITE)

NOT TO SCALE

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

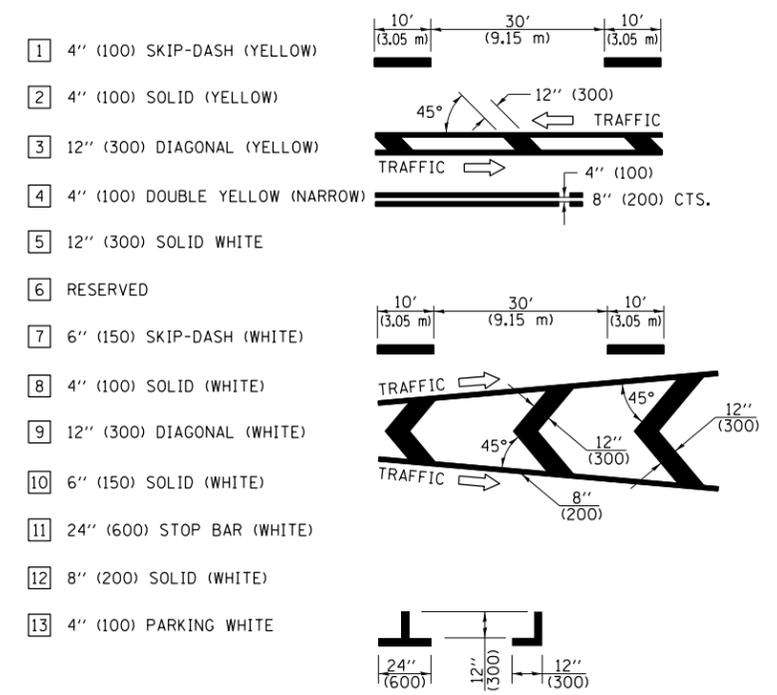


GENERAL NOTES

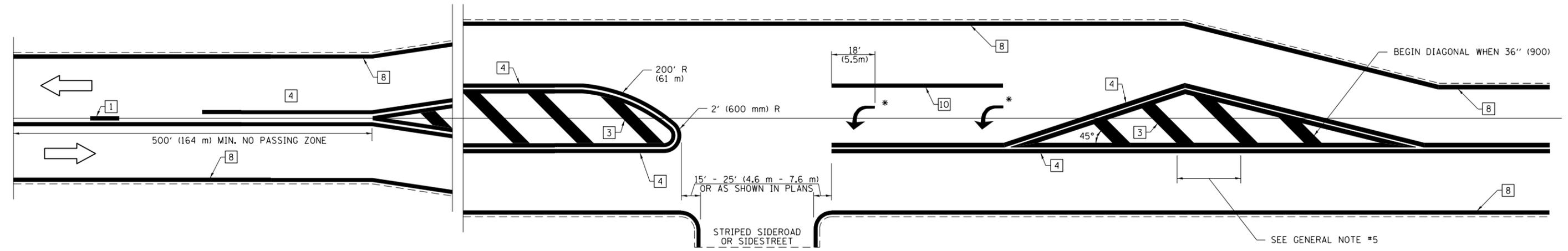
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING 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



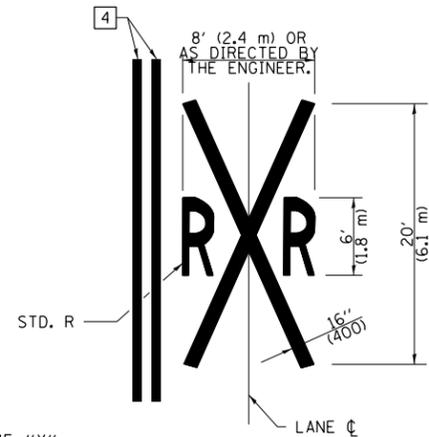
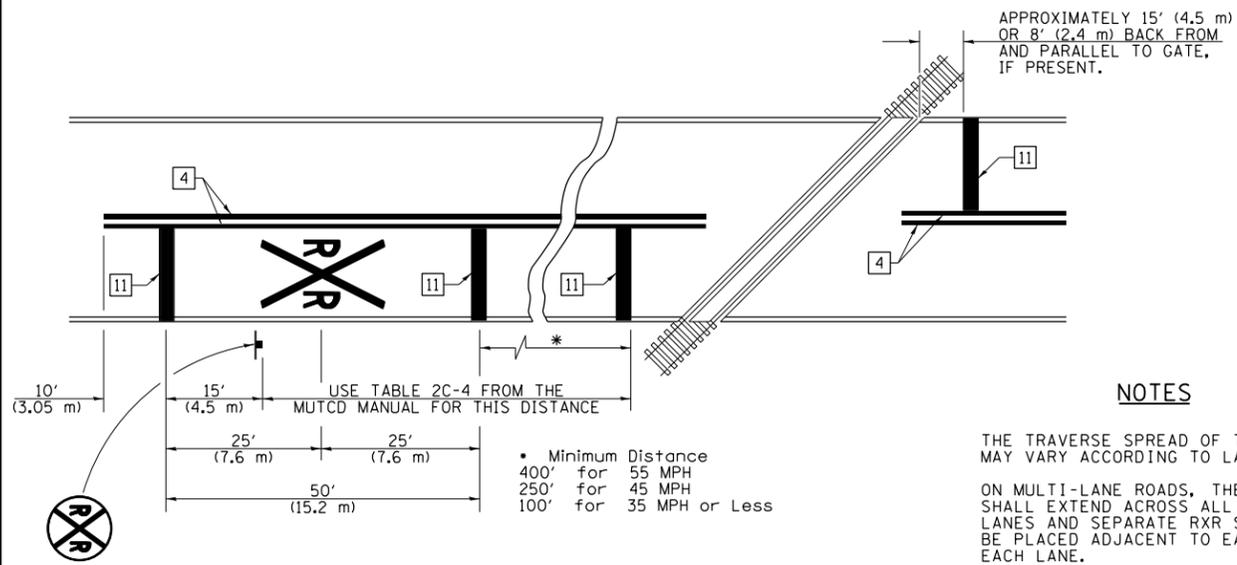
* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

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 -	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\PWIDOT\Documents\IDOT Offices\District 7\Projects\74787\Drawings\CABsheets\0774787-sht-details.dwg		DRAWN -	REVISED -		SCALE: N/A	SHEET NO. 3 OF 4 SHEETS	STA.	TO STA.	750	.	FAYETTE	20	19
		CHECKED -	REVISED -						• D7 HMA SAFETY SHLD 2018-1 CONTRACT NO. 74787				
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

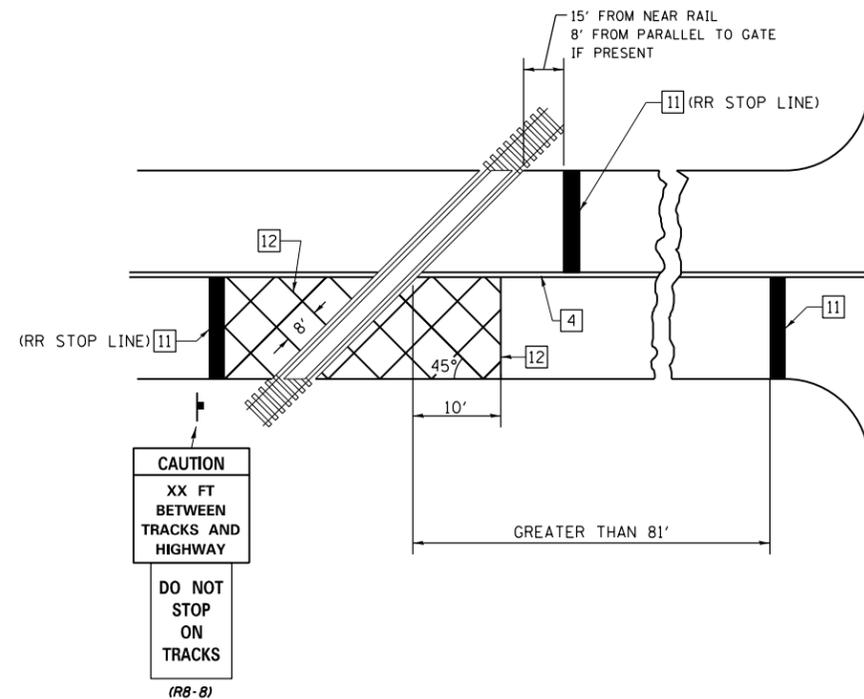
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

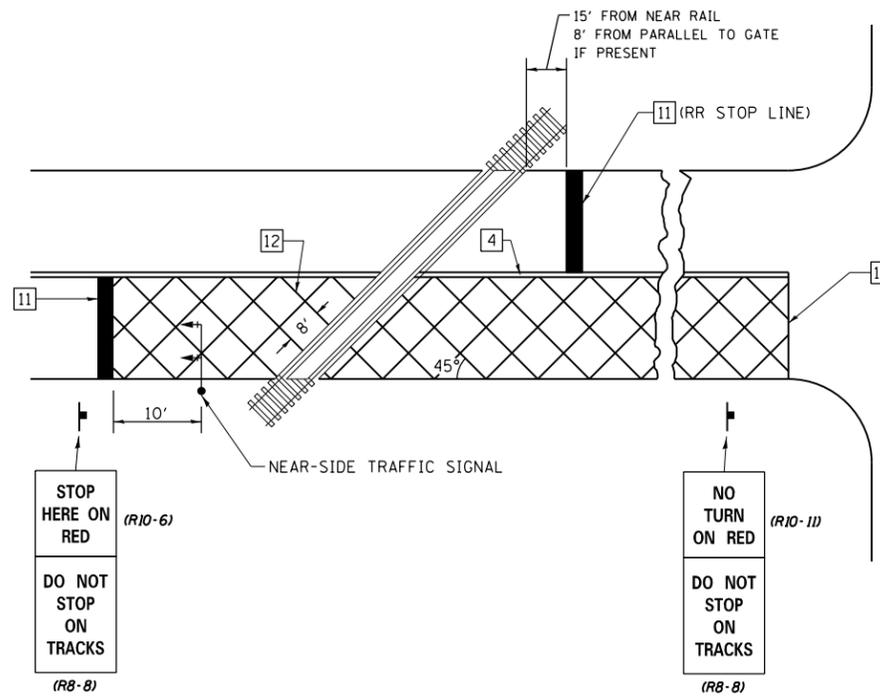
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
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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

- 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.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/16/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: N/A SHEET NO. 4 OF 4 SHEETS STA. TO STA.

DISTRICT 7 DETAIL NO. 78000001				
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
750		FAYETTE	20	20
• DT HMA SAFETY SHLD 2018-1			CONTRACT NO. 74787	
ILLINOIS FED. AID PROJECT				