

051

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PROPOSED
HIGHWAY PLANS**

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(7S,8,28)RS-4	PIATT	15	1
		ILLINOIS	CONTRACT NO. 70E11	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3

CURRENT TRAFFIC DATA

LEG "A" SCL OF BEMENT TO BODMAN ST. IN BEMENT.
LEG "B" BODMAN ST. IN BEMENT TO TR 133.
LEG "C" TR 133 TO BURNSIDE DR. IN MONTICELLO.
LEG "D" BURNSIDE DR. TO KRATZ DR. IN MONTICELLO.

	LEG "A"	LEG "B"	LEG "C"	LEG "D"
2019 ADT	1,650	3,250	2,900	4,100
P.U. & P.C.	91.6	93.2	92.0	93.5
SUP%	4.8	4.3	5.2	4.1
MU%	3.6	2.5	2.8	2.4

DESIGN DESIGNATION
MINOR ARTERIAL

TOWNSHIP
BEMENT, MONTICELLO



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.

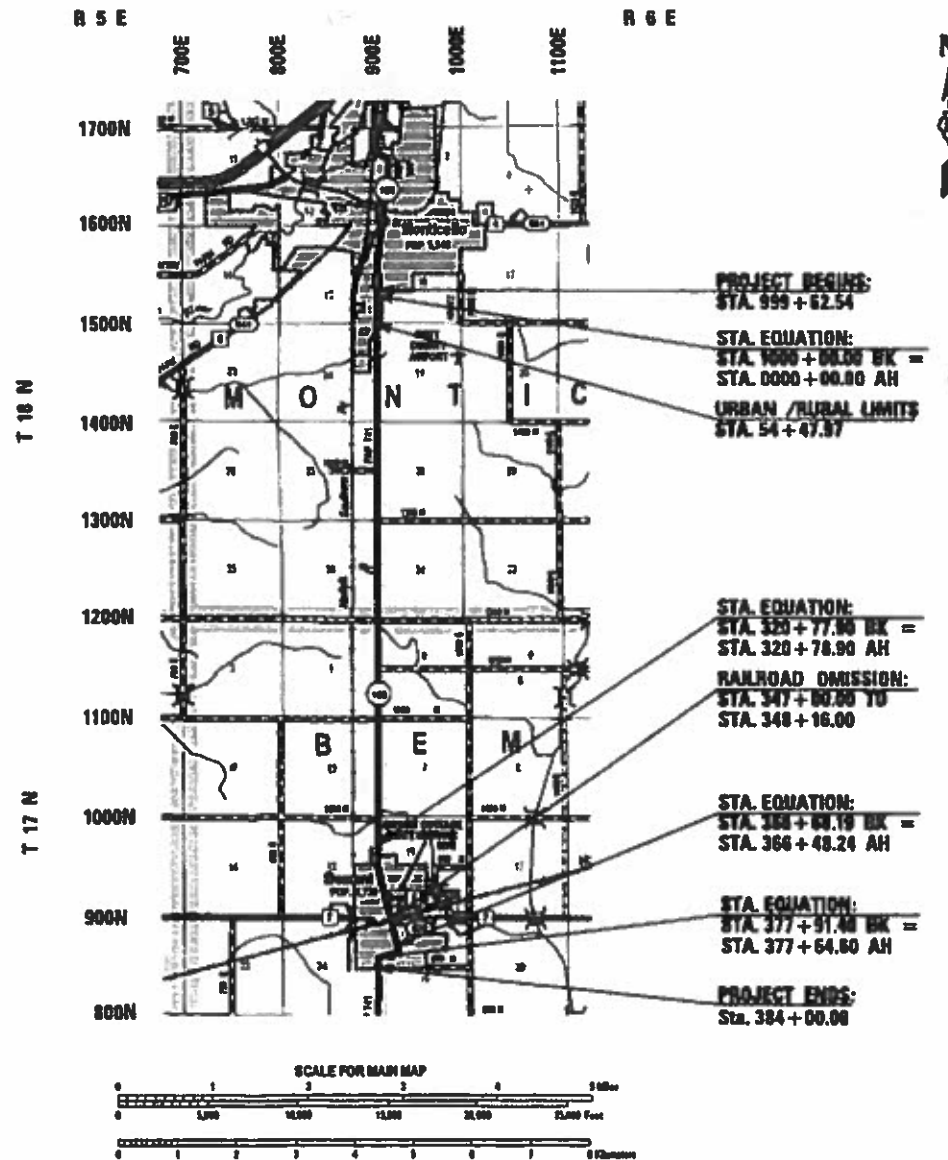
J.U.L.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-852-0123
OR 811

PROJECT ENGINEER: JASON W. STULTS
SQUAD LEADER: GREG EAGLIN
PROJECT DESIGNER: MATTHEW W. MURPHY
PHONE NUMBER: 217-465-4181
CONTRACT NO. 70E11

ROUTE: FAP 741 / (IL 105)
SECTION: (7S,8,28)RS-4
PROJECT STP-DTQK(900)
BIT SURFACE TREATMENT-A1
COUNTY: PIATT

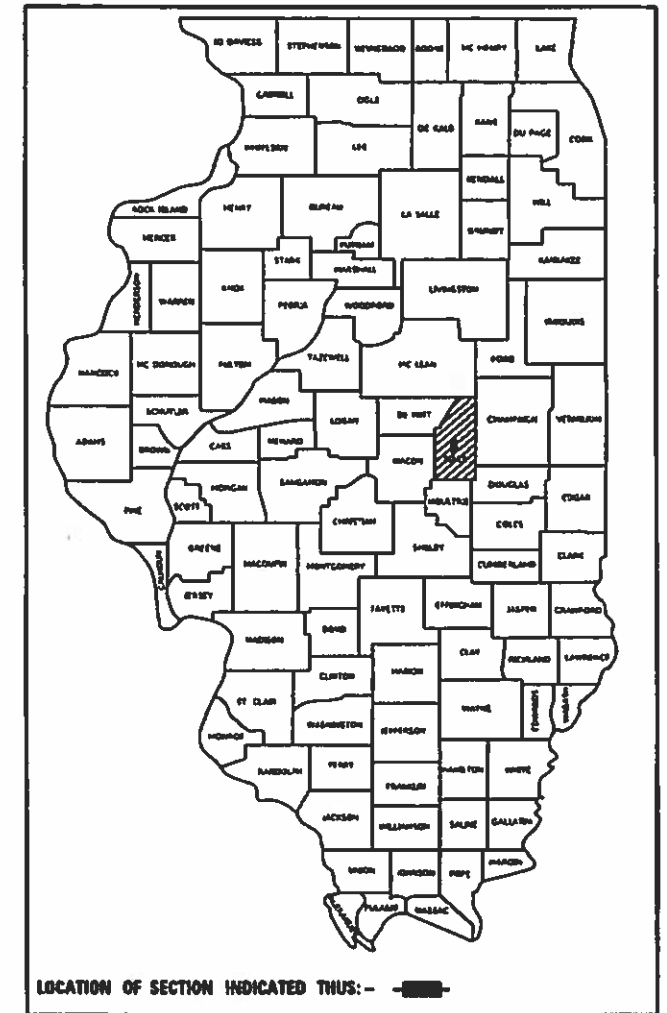
C-95-059-19

SCL OF BEMENT TO KRATZ RD IN MONTICELLO



GROSS LENGTH = 38,483.21 FT. = 7.288 MILE
NET LENGTH = 38,367.21 FT. = 7.267 MILE

P-95-016-19



LOCATION OF SECTION INDICATED THUS: - [shaded box] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 30, 2020
Jason Stults
REGIONAL ENGINEER

March 20, 2020
Matthew W. Murphy
ENGINEER OF DESIGN AND ENVIRONMENT

March 20, 2020
Jason Stults
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, & GENERAL NOTES
3	SUMMARY OF QUANTITIES
4 - 6	TYPICAL CROSS SECTIONS
7 - 10	SCHEDULE OF QUANTITIES
11	STRIPING DETAIL FOR MEDIAN AT KRATZ DRIVE
12 - 15	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATION)

LIST OF HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
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
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

G.N.-100A
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

GN 105.07C
EXISTING STATE-OWNED AND MAINTAINED UNDERGROUND UTILITY FACILITIES EXIST WITHIN THE ROW. THE DEPARTMENT IS NOT A MEMBER OF JULIE AND DOES NOT LOCATE IT'S OWN FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE AT THEIR OWN EXPENSE FOR SECURING AN APPROVED LOCATING FIRM TO LOCATE ALL EXISTING IDOT UNDERGROUND FACILITIES PRIOR TO COMMENCING ANY EXCAVATION, PER THE REQUIREMENTS OF ARTICLE 803 OF THE STANDARD SPECIFICATIONS. UTILITY LOCATES MAY ALSO BE REQUIRED OUTSIDE THE PROJECT LIMITS, SUCH AS FOR TRAFFIC CONTROL SIGNING AND OTHER ITEMS. THE CONTRACTOR MAY OBTAIN, ON REQUEST, PLANS OF EXISTING ELECTRICAL FACILITIES FROM THE DEPARTMENT. FOR FURTHER INFORMATION, THE CONTRACTOR MAY CONTACT THE DISTRICT TRAFFIC OPERATIONS ENGINEER, GARY SIMS, AT 217-251-4859.

G.N.-403 SPL
BITUMINOUS SURFACE TREATMENTS / THE RESULTING TARGET APPLICATION RATES ARE AS FOLLOWS:

TYPE OF CONSTRUCTION	BITUMINOUS MATERIAL	APPLICATION RATE	AGGREGATE	APPLICATION RATE
TACK COAT (HARD SURFACE)	Art. 406.02	0.05 LB/SQ FT	FA-1 or FA-2	3 LB/SQ YD
A-1	HFRS-2P OR CRS-2P	0.40 GAL/SQ YD	CA-16	26 LB/SQ YD
FOG SEAL	SS-1h OR CSS-1h	0.05 LB / SQ FT	N/A	N/A

NOTE: THE ENGINEER RESERVES THE RIGHT TO ADJUST THE TARGET APPLICATION RATES AND THE QUANTITIES.

G.N.- 703A
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

NO COMMITMENTS FOR THIS PROJECT.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, LIST OF HIGHWAY STANDARDS
& GENERAL NOTES**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(75,8,28)RS-4	PIATT	15	2
CONTRACT NO. 70E11				
ILLINOIS		FED. AID PROJECT		

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

SUMMARY OF QUANTITIES

LOCATION OF WORK:	FAP 741 (IL. 105)	FAP 741 (IL. 105)
	URBAN 2 LANE	RURAL 2 LANE
	MINOR ARTERIAL	MINOR ARTERIAL
	PIATT COUNTY	PIATT COUNTY
	STA. 999+62.54 TO STA. 54+47.97	STA. 54+47.97 TO STA. 384+00.00
FUNDING BREAKOUT:	80% FEDERAL	80% FEDERAL
	20% STATE	20% STATE
CONSTRUCTION TYPE CODE:	0005	0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	52,586.0	7,680.0	44,906.0
67100100	MOBILIZATION	L SUM	1.0	0.2	0.8
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	0.2	0.8
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	0.2	0.8
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3,852.0	556.0	3,296.0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,285.0	186.0	1,099.0
* 78001100	PAINT PAVEMENT MARKING-LETTERS & SYMBOLS	SQ FT	139.0	16.0	123.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	90,394.0	16,164.0	74,230.0
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	78.0	0.0	78.0
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	92.0	92.0	0.0
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	80.0	0.0	80.0
X0300010	BITUMINOUS MATERIALS (FOG SEAL)	POUND	52,586.0	7,680.0	44,906.0
X1500003	BITUMINOUS SURFACE TREATMENT (PREVENTIVE MAINTENANCE), A-1	SQ YD	116,857.0	17,066.0	99,791.0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0	0.2	0.8
* SPECIALTY ITEM					

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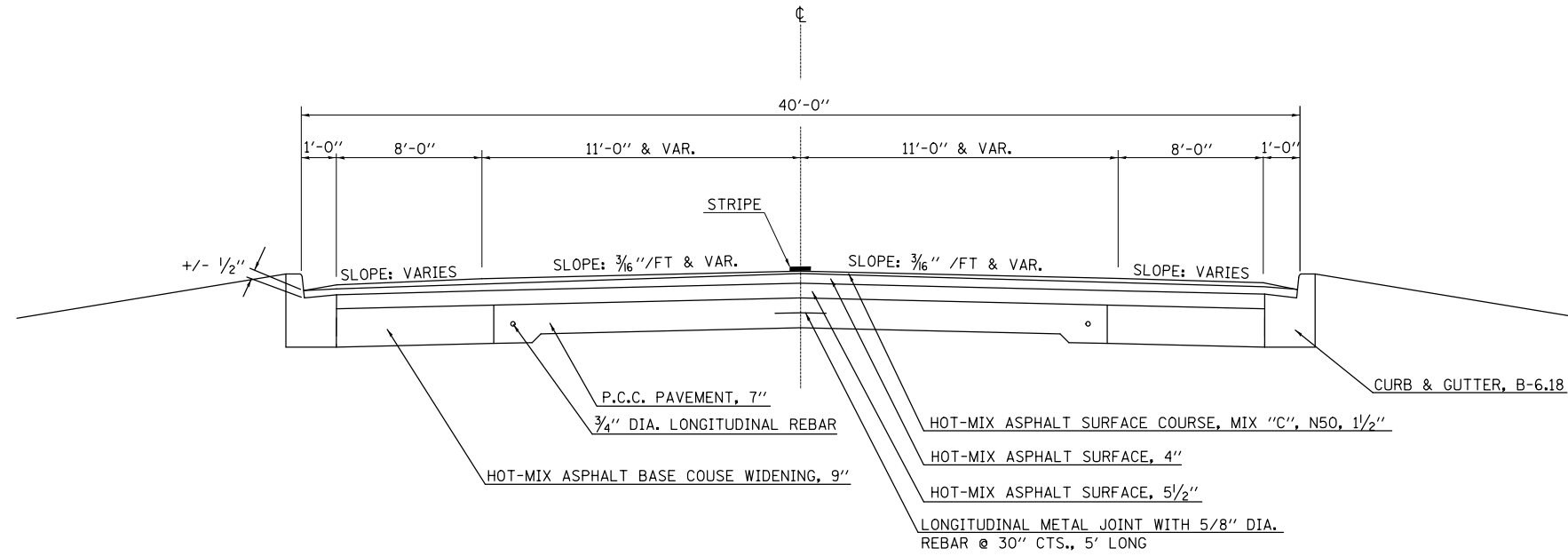
USER NAME = cearlokdj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -					741	(75,8,28)RS-4	PIATT	15	3
PLOT DATE = 1/30/2020	DATE -	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 70E11			
ILLINOIS FED. AID PROJECT											

(B) EXISTING TYPICAL CROSS SECTION

STATION	TO	STATION
(A) 322+51.00		347+00.00*
*348+16.00		366+68.19 BK
AH 366+48.24		366+73.07 (C)

* RAILROAD OMISSION:
 STA. 347+00.00 TO
 STA. 348+16.00

STATION EQUATION:
 STA. 366+68.19 BK
 STA. 366+48.24 AH

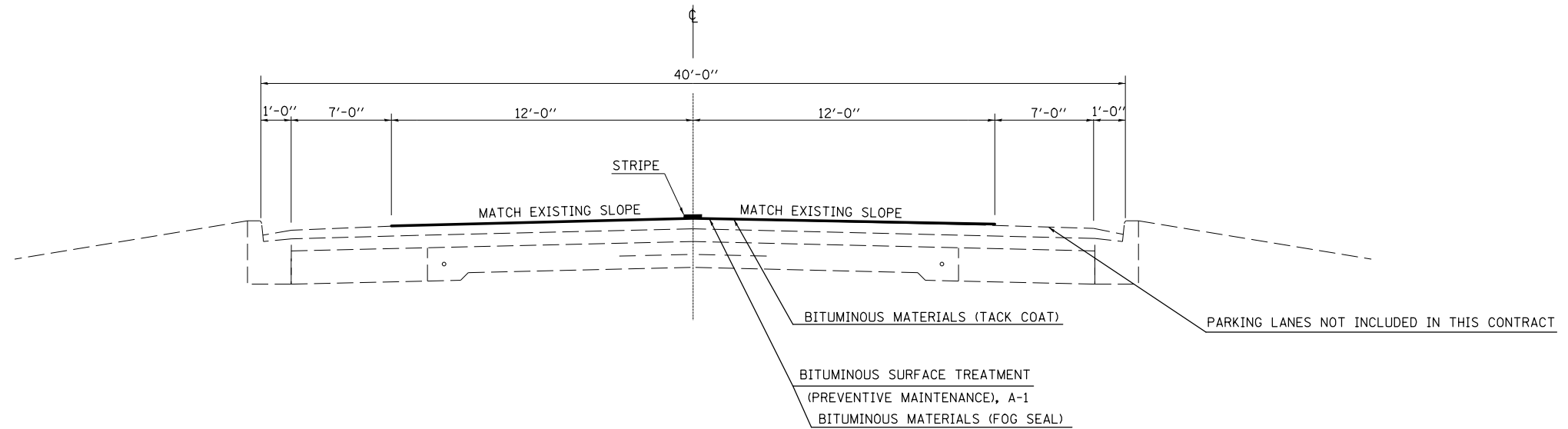


(2) PROPOSED TYPICAL CROSS SECTION

STATION	TO	STATION
(1) 322+51.00		347+00.00*
*348+16.00		366+68.19 BK
AH 366+48.24		366+73.07 (3)

* RAILROAD OMISSION:
 STA. 347+00.00 TO
 STA. 348+16.00

STATION EQUATION:
 STA. 366+68.19 BK
 STA. 366+48.24 AH



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PLOT DATE = 1/30/2020	DATE -	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS
 F.A.P. 741 (IL 105)**

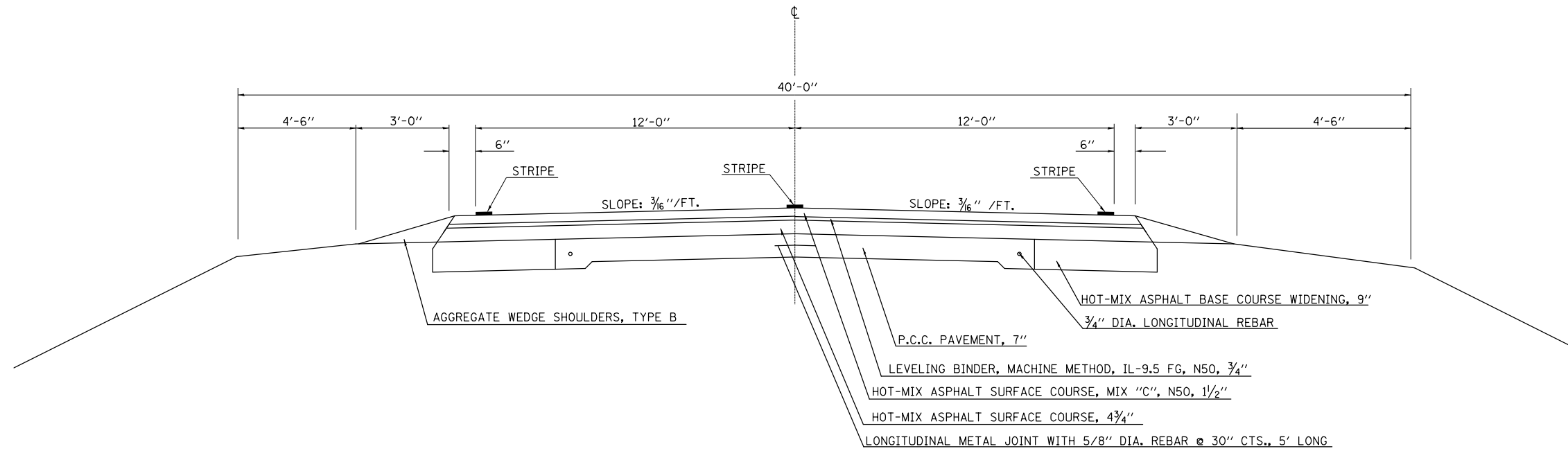
SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(75.8,28)RS-4	PIATT	15	5
CONTRACT NO. 70E011				
ILLINOIS FED. AID PROJECT				

Ⓒ EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 ③ 366+73.07 377+91.40 BK
 AH 377+64.60 384+00.00

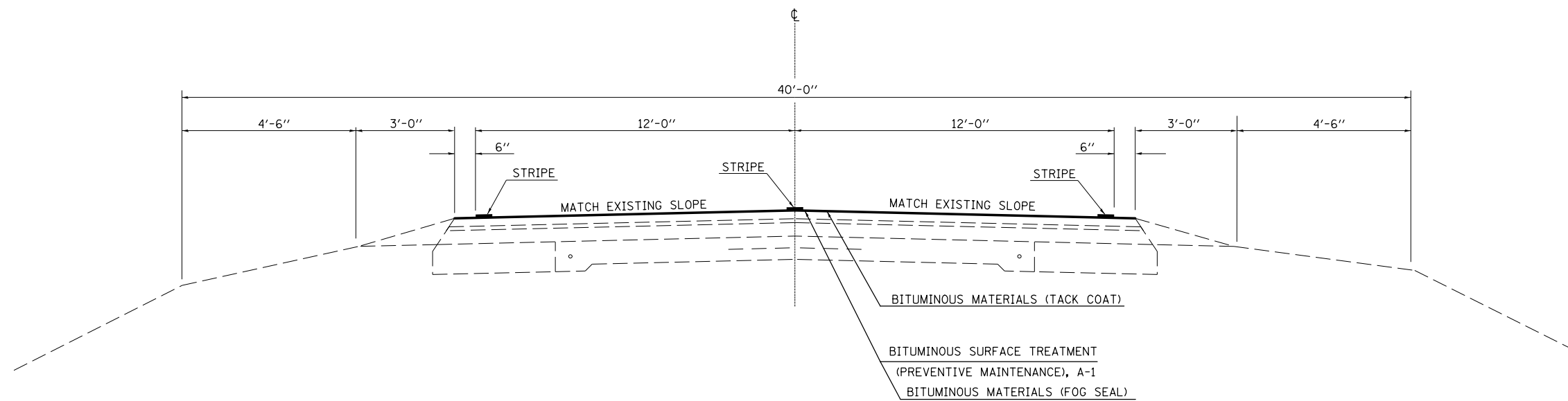
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 STA. 377+64.60 AH



③ PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
 ② 366+73.07 377+91.40 BK
 AH 377+64.60 384+00.00

STATION EQUATION:
 STA. 377+91.40 BK =
 STA. 377+64.60 AH



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
 F.A.P. 741 (IL.105)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(75.8,28)RS-4	PIATT	15	6
CONTRACT NO. 70E11				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

BITUMINOUS SURFACE TREATMENT

LOCATION	COUNTY	STATION	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ FT)	AREA (SQ YD)	BITUMINOUS MATERIALS TACK COAT RATE (LBS/SQ FT)	BITUMINOUS MATERIALS (FOG COAT) RATE (LBS/SQ FT)	4600290	BITUMINOUS SURFACE TREATMENT (PREVENTIVE MAINTENANCE), A-1	X0300010
										BITUMINOUS MATERIALS (TACK COAT) (POUND)	(SQ YD)	BITUMINOUS MATERIALS (FOG COAT) (LBS/SQ FT)
URBAN												
FAP 741, IL. 105	PIATT	999+62.54	1000+00.00	37.46	28.0	1048.88	116.54	0.05	0.05	52.44	116.54	52.44
FAP 741, IL. 105	PIATT	0+00.00	54+47.97	5,447.97	28.0	152543.16	16,949.24	0.05	0.05	7,627.16	16,949.24	7,627.16
URBAN / RURAL LIMITS = STA. 054+47.97												
RURAL												
FAP 741, IL. 105	PIATT	54+47.97	320+77.90BK	26,629.93	28.0	745,638.04	82,848.67	0.05	0.05	37,281.90	82,848.67	37,281.90
FAP 741, IL. 105	PIATT	320+78.90AH	322+51.00	172.10	28.0	4,818.80	535.42	0.05	0.05	240.94	535.42	240.94
FAP 741, IL. 105	PIATT	322+51.00	347+00.00	2,449.00	24.0	58,776.00	6,530.67	0.05	0.05	2,938.80	6,530.67	2,938.80
FAP 741, IL. 105	PIATT	348+16.00	366+68.19BK	1,852.19	24.0	44,452.56	4,939.17	0.05	0.05	2,222.63	4,939.17	2,222.63
FAP 741, IL. 105	PIATT	366+48.24AH	366+73.07	24.83	24.0	595.92	66.21	0.05	0.05	29.80	66.21	29.80
FAP 741, IL. 105	PIATT	366+73.07	377+91.40BK	1,117.93	25.0	27,948.25	3,105.36	0.05	0.05	1,397.41	3,105.36	1,397.41
FAP 741, IL. 105	PIATT	377+64.60AH	384+00.00	635.40	25.0	15,885.00	1,765.00	0.05	0.05	794.25	1,765.00	794.25
FAP 741 (ILL 105) SUB TOTAL (URBAN) =										7,679.60	17,065.78	7,679.60
FAP 741 (ILL 105) SUB TOTAL (URBAN) ROUND TO =										7,680	17,066	7,680
FAP 741 (ILL 105) SUB TOTAL (RURAL) =										44,905.73	99,790.51	44,905.73
FAP 741 (ILL 105) SUB TOTAL (RURAL) ROUND TO =										44,906	99,791	44,906
FAP 741 (ILL 105) TOTALS (URBAN) =										7,680	17,066	7,680
FAP 741 (ILL 105) TOTALS (RURAL) =										44,906	99,791	44,906
GRAND TOTAL =										52,586	116,857	52,586

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PLOT DATE = 1/30/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(75,8,28)RS-4	PIATT	15	7
CONTRACT NO. 70E11				
ILLINOIS			FED. AID PROJECT	

SCHEDULE OF QUANTITIES

SHORT TERM PAVEMENT MARKINGS

						70300100	70300150		
	DESCRIPTION			LENGTH (FOOT)	AVG. WIDTH (INCH)	SHORT TERM PAVEMENT MARKINGS (FOOT)	SHORT TERM PAVEMENT MARKING REMOVAL (SQ FOOT)		
FAP 741 (ILL 105)									
(URBAN)									
SB MAINLINE	INSIDE LEFT TURN LANE	999+62.54	TO 1000+00.00	37.46	4.00	4	1.33		
SB MAINLINE	OUTSIDE LEFT TURN LANE	999+62.54	TO 1000+00.00	37.46	4.00	4	1.33		
STATION EQUATION	STATION EQUATION	1000+00.00 BK	TO 000+00.00 AH						
SB MAINLINE	MEDIAN	000+00.00	TO 001+72.54	172.54	4.00	20	6.67		
SB MAINLINE	CENTER SKIP DASH	001+72.54	TO 054+47.97	5,275.43	4.00	528	176.00		
URBAN / RURAL LIMITS = STA. 054+47.97									
(RURAL)									
SB MAINLINE	CENTER SKIP DASH	054+47.97	TO 320+77.90	26,629.93	4.00	2,664	888.00		
STATION EQUATION		320+77.90 BK	TO 320+78.90 AH						
SB MAINLINE	CENTER SKIP DASH	320+78.90	TO 347+00.00	2,621.10	4.00	264	88.00		
RXR OMISSION		347+00.00	TO 348+16.00						
SB MAINLINE	CENTER SKIP DASH	348+16.00	TO 366+68.19	1,852.19	4.00	188	62.67		
STATION EQUATION		366+68.19 BK	TO 366+48.24 AH						
SB MAINLINE	CENTER SKIP DASH	366+48.24	TO 377+91.40	1,143.16	4.00	116	38.67		
STATION EQUATION		377+91.40 BK	TO 377+64.60 AH						
SB MAINLINE	CENTER SKIP DASH	377+64.60	TO 384+00.00	635.40	4.00	64	21.33		
FAP 741 (ILL 105) SUB TOTAL (URBAN) =						556.0	185.33		
FAP 741 (ILL 105) SUB TOTAL (URBAN) ROUND TO =						556	186.0		
FAP 741 (ILL 105) SUB TOTAL (RURAL) =						3,296.0	1,098.7		
FAP 741 (ILL 105) SUB TOTAL (RURAL) ROUND TO =						3,296	1,099.0		
FAP 741 (ILL 105) TOTALS (URBAN) =						556.0	186.0		
FAP 741 (ILL 105) TOTALS (RURAL) =						3,296.0	1,099.0		
GRAND TOTAL =						3,852.0	1,285.0		

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PLOT DATE = 1/30/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(75,8,28)RS-4	PIATT	15	8
CONTRACT NO. 70E11				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

PAINT PAVEMENT MARKINGS

LOCATION (URBAN)	TO	STATION	LENGTH (FOOT)	78001100		78001110						78001130	78001150	78001180
				PAINT PAVEMENT MARKINGS LETTERS & SYMBOLS (SQ FT)	4 INCH EDGE LINE (WHITE) (FOOT)	4 INCH CENTERLINE SKIP DASH (YELLOW) (FOOT)	4 INCH NB NO PASSING (YELLOW) (FOOT)	4 INCH SB NO PASSING (YELLOW) (FOOT)	4 INCH DOUBLE LINE (YELLOW) (FOOT)	4 INCH LT TURN LINE (WHITE) (FOOT)	PAINT PAVEMENT MARKING - LINE 6" (WHITE) (FOOT)	PAINT PAVEMENT MARKING - LINE 12" (YELLOW) (FOOT)	PAINT PAVEMENT MARKING - LINE 24" (WHITE) (FOOT)	
														FAP 741 (ILL 105)
	999+62.54	TO	999+97.54	35.00		35				70	35			
	999+97.54	TO	100000 BK	2.46		3								
LEFT TURN ARROW	999+80				15.60									
STATION EQUATION	1000+00.00 BK	TO	000+00.00 AH											
	000+00.00	TO	000+77.00	77.00		119								
	000+77.00	TO	003+72.94	114.00		228							92	
	000+79.00	TO	003+65.00	286.00		572				1,158				
	003+65.00	TO	004+85.00	120.00		240				240				
	004+85.00	TO	027+64.92	2,279.92		4560	570							
	027+64.92	TO	035+30.92	766.00		1532	200		766					
	035+30.92	TO	037+96.92	266.00		532	70							
	037+96.92	TO	046+05.92	809.00		1618	210	809						
	046+05.92	TO	047+54.92	149.00		298	40							
	047+54.92	TO	054+47.97	693.05		1386	180		693					
URBAN / RURAL LIMITS = STA. 054+47.97														
FAP 741 (ILL 105) SUB TOTAL (URBAN) =					15.60	11,123	1,270	809	1,459	1,468	35	0.0	92.0	0.0
FAP 741 (ILL 105) SUB TOTAL (URBAN) =					15.60			16,163.99						
FAP 741 (ILL 105) SUB TOTAL (URBAN) ROUND TO =					16.00			16,164.0						

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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	
PLOT DATE = 1/30/2020	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(75.8,28)RS-4	PIATT	15	9
CONTRACT NO. 70E11				
ILLINOIS FED. AID PROJECT				

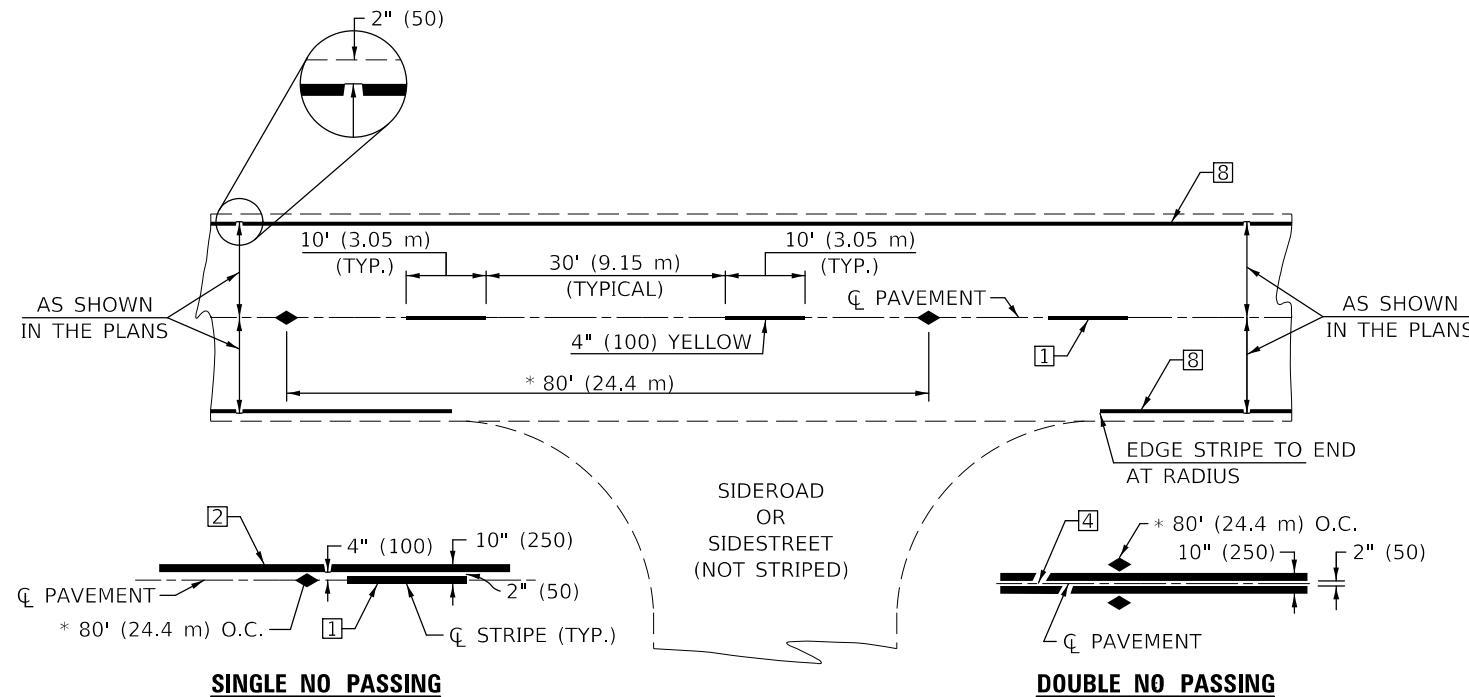
SCHEDULE OF QUANTITIES

PAINT PAVEMENT MARKINGS

	TO	STATION	LENGTH (FOOT)	78001100	78001110						78001130	78001150	78001180
				PAINT PAVEMENT MARKINGS LETTERS & SYMBOLS (SQ FT)	4 INCH EDGE LINE (WHITE) (FOOT)	4 INCH CENTERLINE SKIP DASH (YELLOW) (FOOT)	4 INCH NB NO PASSING (YELLOW) (FOOT)	4 INCH SB NO PASSING (YELLOW) (FOOT)	4 INCH DOUBLE LINE (YELLOW) (FOOT)	4 INCH LT TURN LINE (WHITE) (FOOT)	PAINT PAVEMENT MARKING - LINE 6" (WHITE) (FOOT)	PAINT PAVEMENT MARKING - LINE 12" (YELLOW) (FOOT)	PAINT PAVEMENT MARKING - LINE 24" (WHITE) (FOOT)
					FAP 741 (ILL 105) URBAN / RURAL LIMITS = STA. 054+47.97								
(RURAL)													
	054+47.97	TO 057+24.92	276.95		554	70		277					
	057+24.92	TO 066+31.92	907.00		1814				1814				
	066+31.92	TO 076+70.92	1,039.00		2078	260	1039						
	076+70.92	TO 082+27.92	557.00		1114	140							
SB SOLID	082+27.92	TO 090+17.92	790.00		1580	200		790					
	090+17.92	TO 090+77.92	60.00		120				120				
	090+77.92	TO 100+02.92	925.00		1850	240	925						
	100+02.92	TO 229+26.35	12923.43		25847	3,240							
SB SOLID	229+26.35	TO 238+31.35	905.00		1810	230		905					
DOUBLE YELLOW	238+31.35	TO 241+63.35	332.00		664				664				
NB SOLID	241+63.35	TO 248+31.35	668.00		1336	170	668						
SKIP DASH	248+31.35	TO 320+77.90	7,246.55		14493	1,820							
STATION EQUATION	320+77.90 BK	TO 320+78.90 AH											
SKIP DASH	320+78.90	TO 321+26.27	47.37		95	20							
SKIP DASH/LT EOP	321+26.27	TO 322+51.00	124.73		249	40							
SKIP DASH	322+51.00	TO 344+98.00	2,247.00			570							
DOUBLE YELLOW	344+91.01	TO 347+00.00	208.99						418				
BAR	345+12.00												20.0
R	345+36.00			3.60									
X	345+36.00			54.00									
R	345+36.00			3.60									
BAR	345+62.00												20.0
RAILROAD OMISSION	347+00.00	TO 348+16.00	116.00										
BAR	349+71.00			3.60									20.0
R	349+99.00			54.00									
X	349+99.00			3.60									
R	349+99.00												
BAR	350+21.00												20.0
CROSSWALK	352+74.60									39.0			
CROSSWALK	352+80.60									39.0			
DOUBLE YELLOW	348+16.00	TO 350+38.92	222.92						446				
SKIP DASH	350+38.92	TO 364+67.92	1429.00			360							
DOUBLE YELLOW	364+67.92	TO 366+68.19	200.27						401				
STATION EQUATION	366+68.19 BK	TO 366+48.24 AH			25								
DOUBLE YELLOW	366+48.24	TO 367+47.97	96.73		193				193				
SKIP DASH	367+24.10	TO 376+46.80	922.70		1845	240							
DOUBLE YELLOW	376+46.80	TO 377+91.40	144.60		289				289				
STATION EQUATION	377+91.40 BK	TO 377+64.60 AH											
DOUBLE YELLOW	377+64.60	TO 379+29.00	165.40		331				331				
SKIP DASH	379+29.00	TO 384+00.00	471.00		942	120							
FAP 741 (ILL 105) SUB TOTAL (RURAL) =				122	57230	7720	2632	1972	4676				
FAP 741 (ILL 105) SUB TOTAL (RURAL) =				122.40					74,229.7				
FAP 741 (ILL 105) SUB TOTAL (RURAL) ROUND TO =				123.0					74,230.0				
FAP 741 (ILL 105) TOTALS (URBAN) =				16.0					16,164.0				
FAP 741 (ILL 105) TOTALS (RURAL) =				123.0					74,230.0				
GRAND TOTAL =				139.0					90,394.0	78.0	92.0	80.0	

MODEL: s:\MODEL\MAR15
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 PROJECT: 0570E11\CADD\DATA\CAD\PROJECTS\0570E11_Paint_Pavement_Markings.dgn

USER NAME = cearlojd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		SCALE:	SHEET	4	OF	4	SHEETS	STA.	TO	STA.
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -						741	(75,8,28)RS-4	PIATT	15	10
PLOT DATE = 1/30/2020	DATE -	REVISED -						CONTRACT NO. 70E11			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.

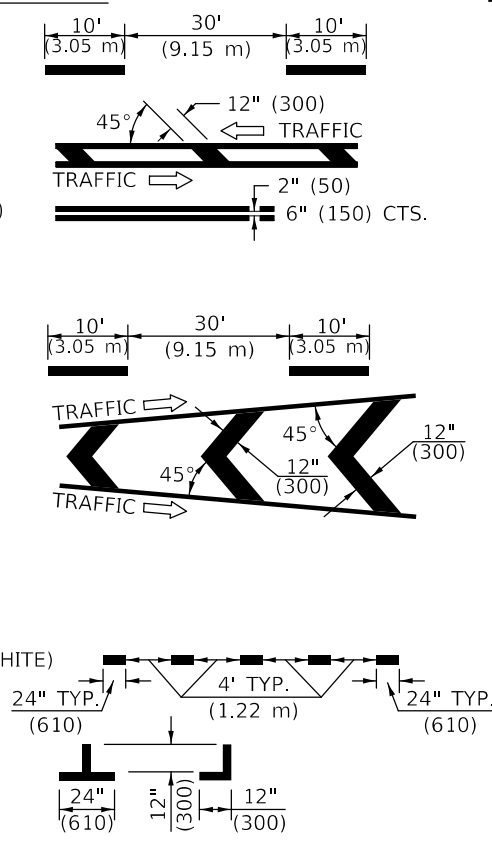
TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LEGEND

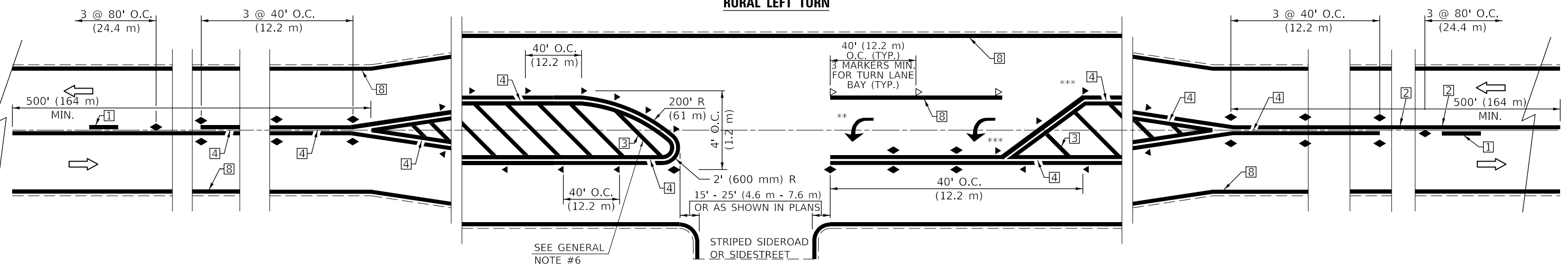
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

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



RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.
 ** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

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

DISTRICT 5 DETAIL NO. 7800AAAA

MODEL: I:\MODEL\MAR15...
 FILE: MAR15...
 PROJECT: I:\PROJECTS\70E11\CAD\DATA\CAD\PROJECTS\70E11\PH-DETAILS.dgn

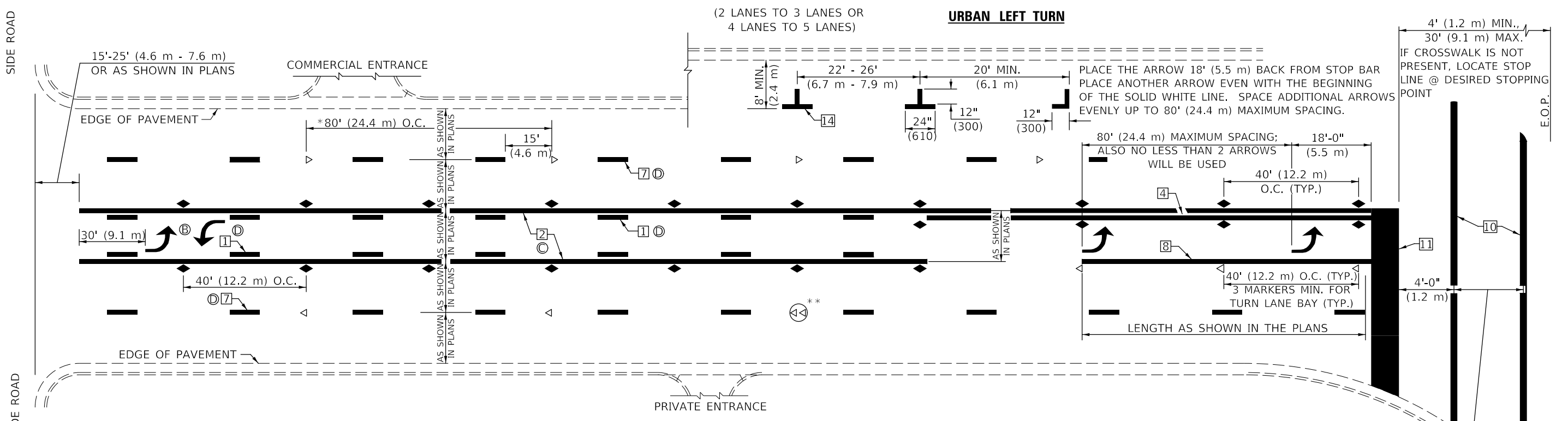
USER NAME = cealockjd	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 9/2009 KJT
PLOT SCALE = 40.0000 "/td> <td>CHECKED -</td> <td>REVISED - 04/14 JLA</td>	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 1/30/2020	DATE -	REVISED - 3/2019 SWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(75,8,28)RS-4	PIATT	15	12
CONTRACT NO. 70E11				
ILLINOIS FED. AID PROJECT				

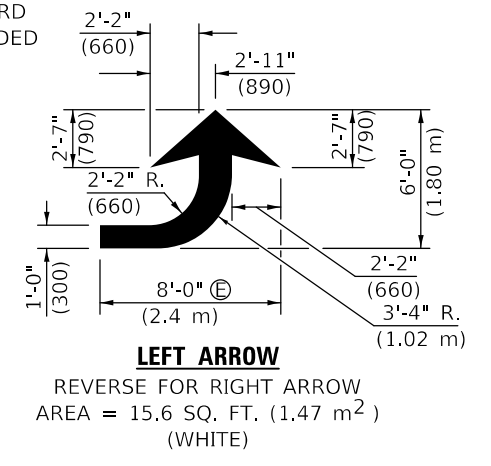


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

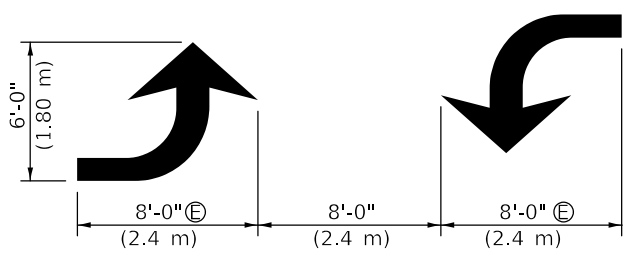
GENERAL NOTES:

- ⓑ 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.
- ⓒ 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.
- ⓓ 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. SEE EXAMPLE ON SHEET 2 OF 3.
- ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



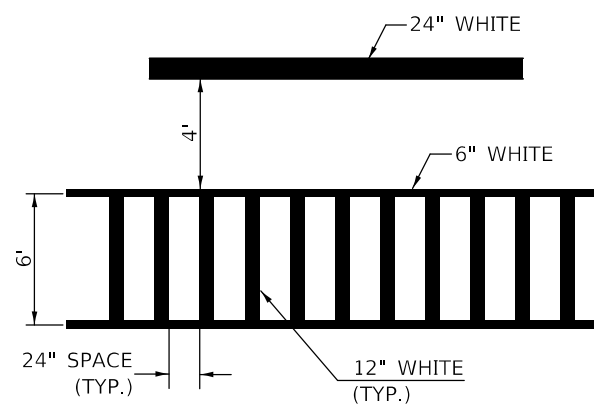
LEFT ARROW

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

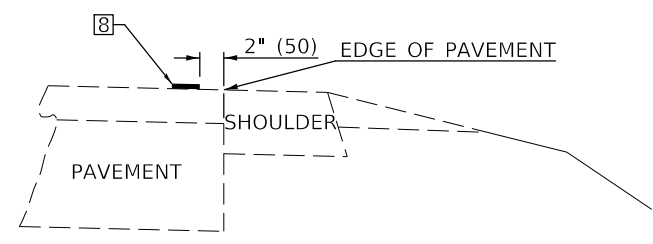


TYPICAL DOUBLE TURN ARROWS (WHITE)

BLOOMINGTON-NORMAL CITY LIMITS ONLY

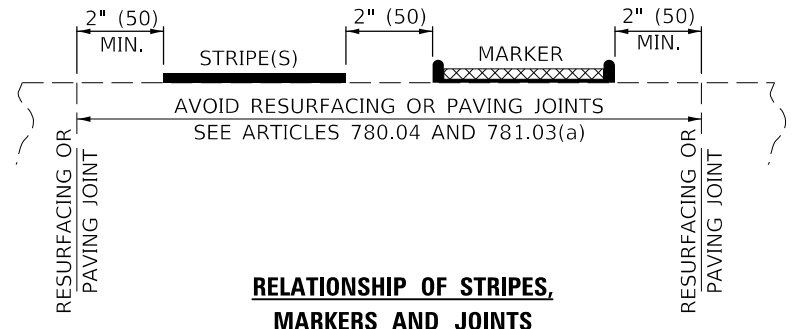


TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT

(SAFETY SHOULDER OR PAVED SURFACE)
SEE ARTICLE 780.04



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

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

MODEL: 4-MODEL\MARF... FILE NAME: P:\pub\mcom\ma\da\illndk\gov\p\w\dot\Documents\DOT_Offices\District 5\Projects\0570E11\CADD\DATA\CAD\papers\0570E11-rh-drawk.dgn

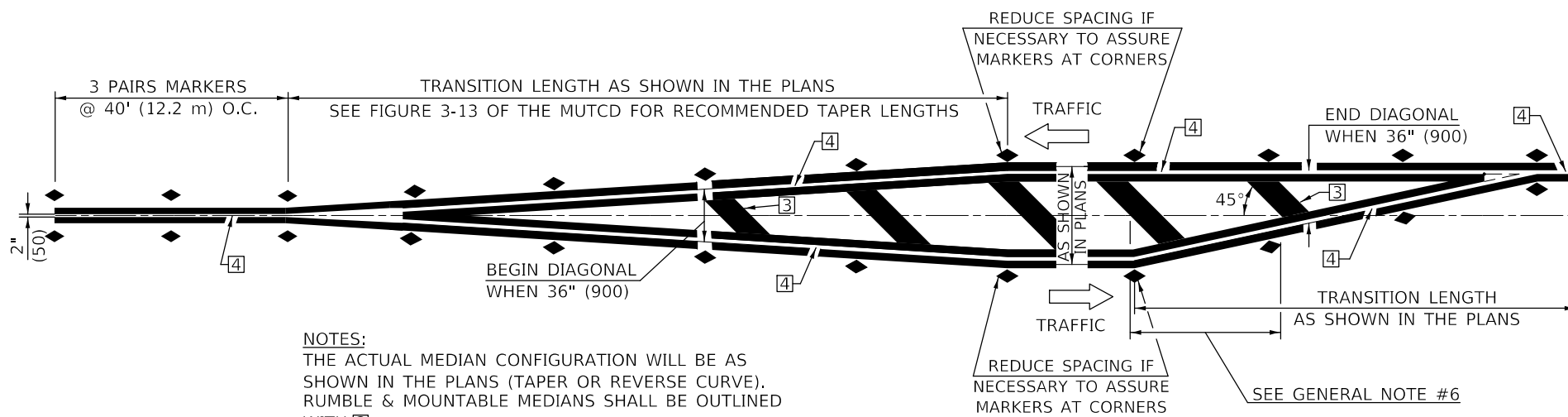
USER NAME = cearlokdj	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 9/2009 KJT
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 1/30/2020	DATE -	REVISED - 3/2019 SWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(75.8,28)RS-4	PIATT	15	13
			CONTRACT NO. 70E11	
		ILLINOIS FED. AID PROJECT		

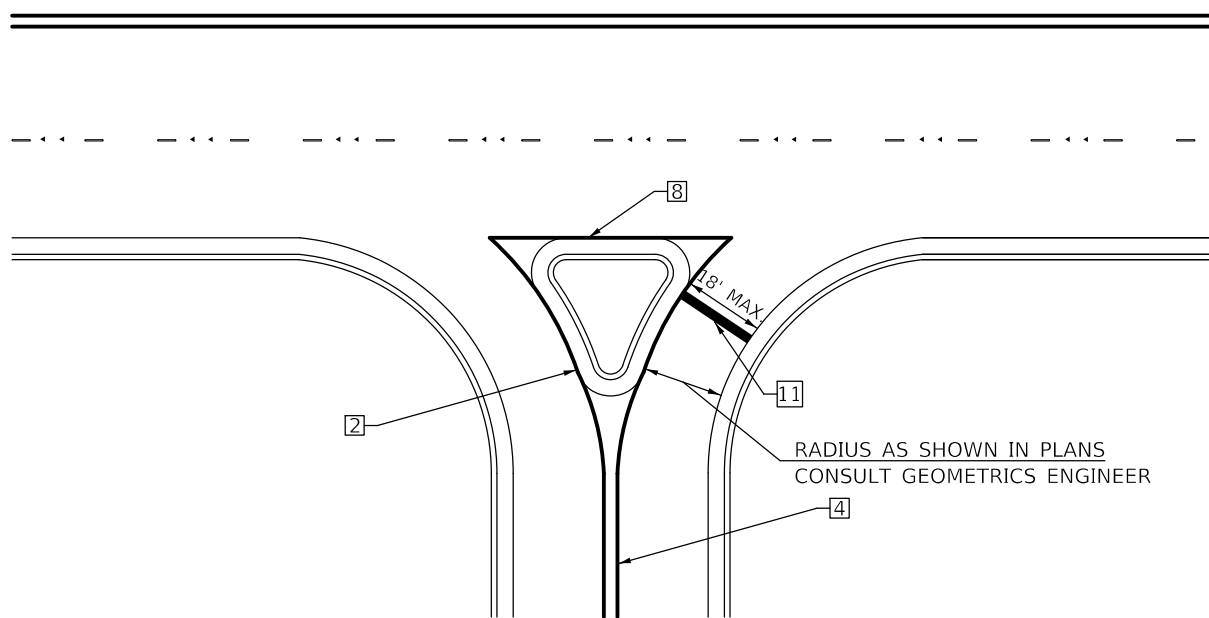


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE). RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

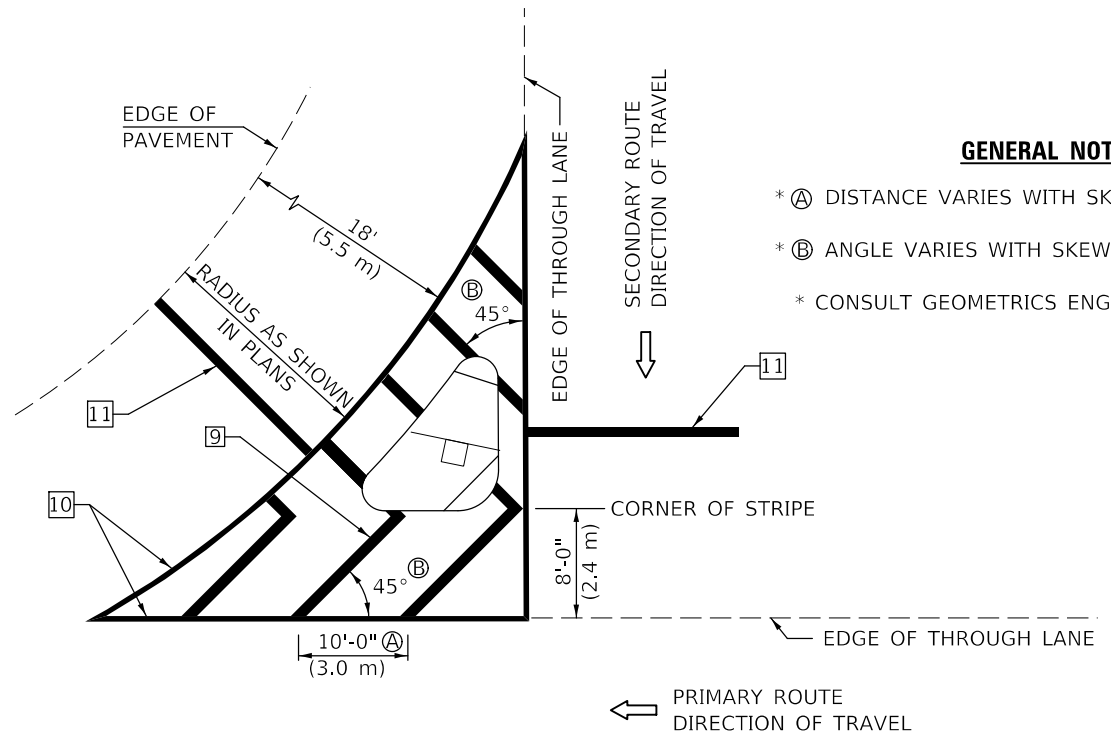
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
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. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
 <30 MPH USE 15' (<50 km/h USE 4.5 m)
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
 >45 MPH USE 30' (>75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



ISLAND

GENERAL NOTES

- * A DISTANCE VARIES WITH SKEW OF INTERSECTION.
- * B ANGLE VARIES WITH SKEW OF INTERSECTION.
- * CONSULT GEOMETRICS ENGINEER

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

DISTRICT 5 DETAIL NO. 7800AAAA

MODEL: \\MODEL\NAME
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 PROJECT: \\PROJECT\NAME
 OFFICE: \\OFFICE\NAME
 DATE: 11/30/2020

USER NAME = cealockjd	DESIGNED -	REVISD - 11/06
	DRAWN -	REVISD - 9/2009 KJT
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISD - 04/14 JLA
PLOT DATE = 1/30/2020	DATE -	REVISD - 3/2019 SWN

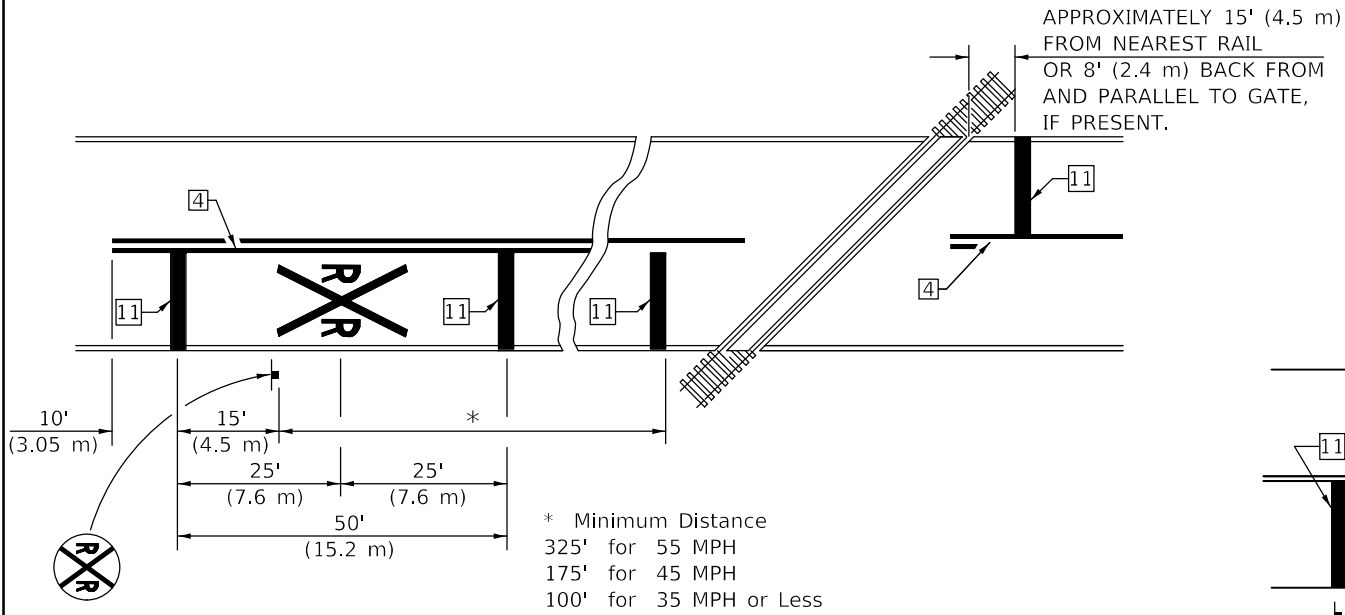
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

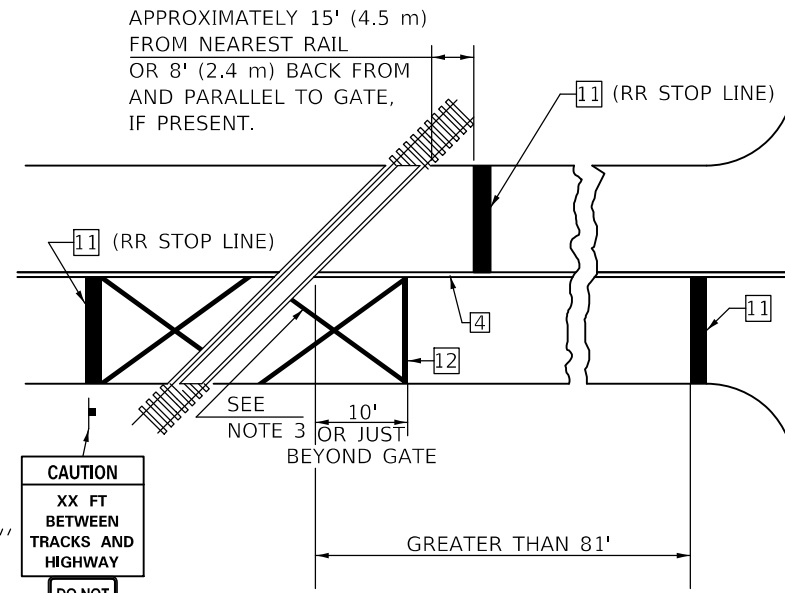
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(75,8,28)RS-4	PIATT	15	14
CONTRACT NO. 70E11				
ILLINOIS FED. AID PROJECT				

DESIGNER NOTE: SEE TABLE 2C-4 OF THE MUTCD FOR ADDITIONAL INFORMATION



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

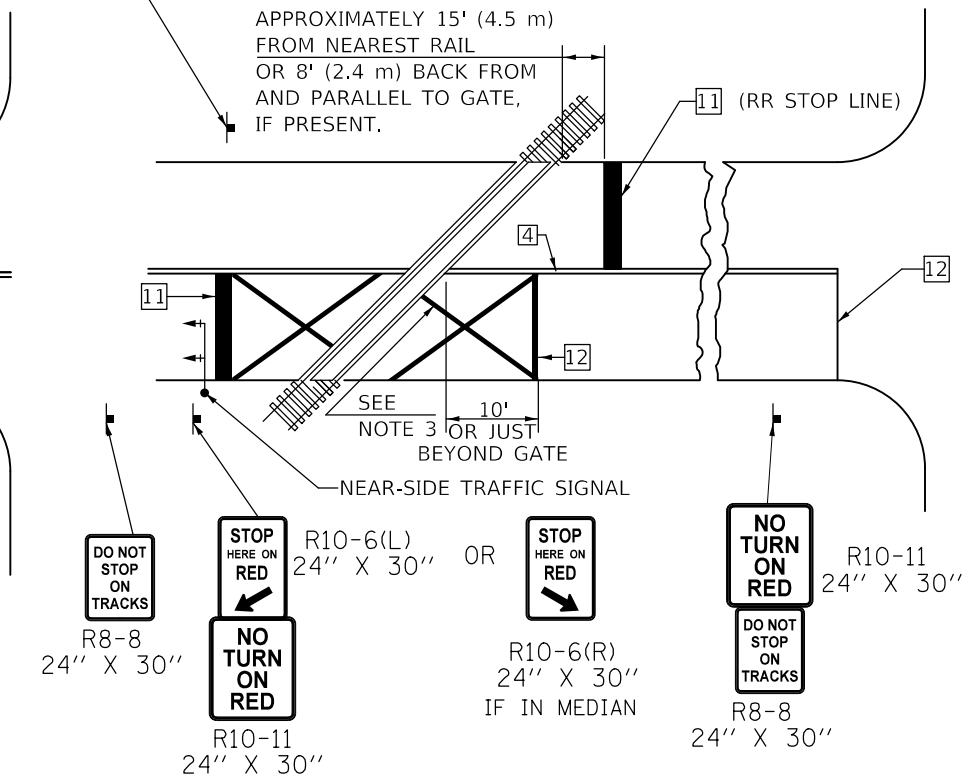
RAILROAD CROSSING WITH INTERCONNECT ONLY



W10-I100
30" X 36"
CAUTION
XX FT
BETWEEN
TRACKS AND
HIGHWAY
DO NOT
STOP
ON
TRACKS
R8-8
24" X 30"

ONLY IF SIGNAL HEAD
CANNOT BE LOCATED
IN MEDIAN

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



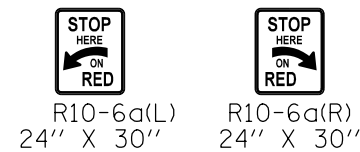
DO NOT STOP ON TRACKS (R8-8) 24" X 30"
STOP HERE ON RED R10-6(L) 24" X 30" OR STOP HERE ON RED R10-6(R) 24" X 30" IF IN MEDIAN
NO TURN ON RED R10-11 24" X 30"
DO NOT STOP ON TRACKS R8-8 24" X 30"

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.
3. 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
4. XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
5. THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

ALTERNATE SIGNS



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.

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

DISTRICT 5 DETAIL NO. 7800AAAA

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

USER NAME = cearlojkd	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 9/2009 KJT
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 1/30/2020	DATE -	REVISED - 3/2019 SWN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(75,8,28)RS-4	PIATT	15	15
CONTRACT NO. 70E11				
ILLINOIS FED. AID PROJECT				

MODEL: S:\MODEL\MAR15
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OFFICE: DISTRICT 5