

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(35,26-5)RS-1	FAYETTE	16	1
		ILLINOIS	CONTRACT NO. 74753	

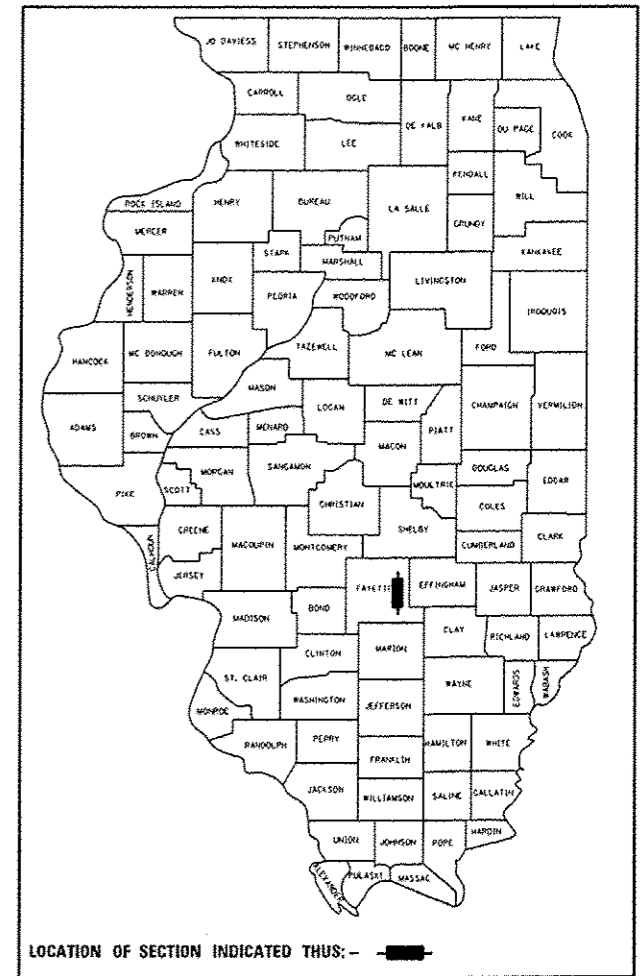
D-97-016-16

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

FAS ROUTE 2720(INTERSTATE DR.)
SECTION (35,26-5)RS-1
PROJECT ACRS-2720(102)
RESURFACING (3P)
FAYETTE COUNTY

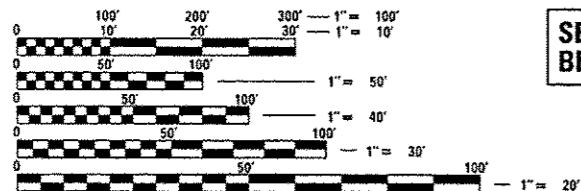
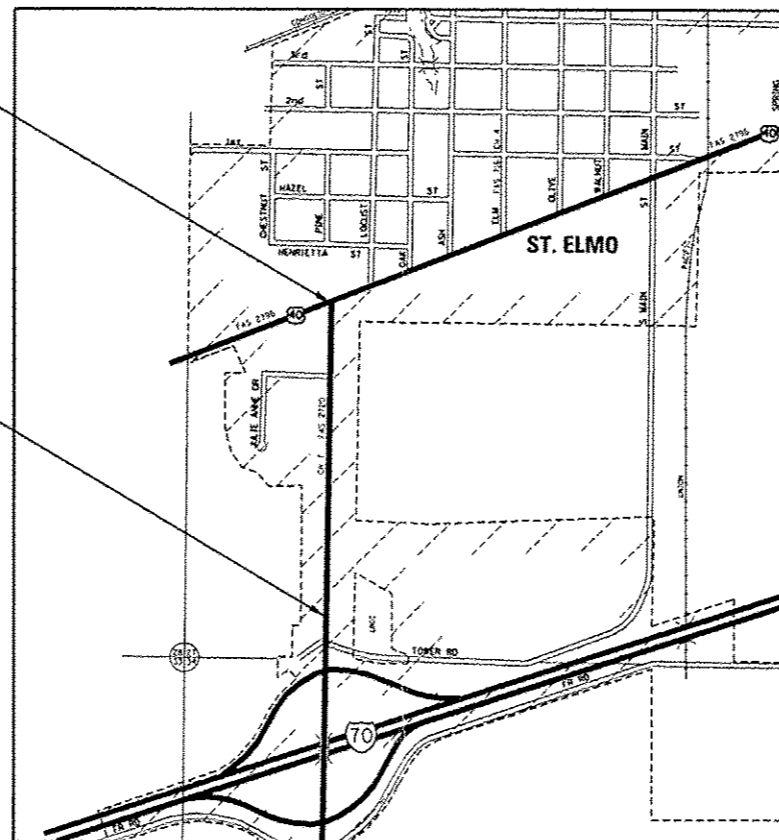
C-97-046-16



ADT = 2150 (2015)

SECTION (35,26-5)RS-1
ENDS STA 85+50.96

SECTION (35,26-5)RS-1
BEGINS STA 61+00



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: MARK DAUGHERTY
PROJECT MANAGER: ANDREW DETERS

CONTRACT NO. 74753

GROSS LENGTH = 2450.96 FT. = 0.464 MILE
NET LENGTH = 2450.96 FT. = 0.464 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 25 20 16
Jeffrey M Smith REGION FOUR ENGINEER

Dec 9 20 16
Maura M. Addis ENGINEER OF DESIGN AND ENVIRONMENT

Dec 9 20 16
Chris M. Addis DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

GENERAL NOTES

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

THE PROPOSED PROJECT IS LOCATED ON INTERSTATE DRIVE IN FAYETTE COUNTY. THE PROJECT BEGINS JUST NORTH OF THE I-70 WB RAMPS AND ENDS AT THE INTERSECTION OF US ROUTE 40 IN ST. ELMO.

THE WORK INCLUDED IN SECTION (35,26-5)RS-1 CONSISTS OF EARTH EXCAVATION, CURB REMOVAL, PATCHING, HMA SURFACE REMOVAL, PCC BASE COURSE, PCC ISLAND, HMA RESURFACING, INLAY THROUGH THE CURB & GUTTER SECTION, AGGREGATE SHOULDERS, AND OTHER NECESSARY WORK TO COMPLETE THE 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.

AGGREGATE WEDGE SHOULDERS TYPE B, SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP.

AGGREGATE SURFACE COURSE SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

SHORT TERM PAVEMENT MARKING APPLIED TO ANY MILLED SURFACE SHALL BE PAINT AND THOSE APPLIED TO THE HMA SURFACE COURSE SHALL BE TAPE.

THE INTENT OF HMA SURFACE REMOVAL, 2 1/4" IN THE INLAY AREA IS TO REMOVE A MAXIMUM OF 2 1/4" OF THE EXISTING BITUMINOUS RESURFACING, WHILE MAINTAINING THE 3/16" PER FOOT CROSS SLOPE, AND NOT REMOVING ANY OF THE EXISTING PCC PAVEMENT.

PORTLAND CEMENT CONCRETE BASE COURSE, 10" SHALL MATCH THE ELEVATION OF THE ADJACENT MILLED SURFACE AND 3/16" PER FOOT CROSS SLOPE.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE
LEVELING BINDER	SBS PG 70-22	4.0% design=90	IL - 9.5	N/A
SURFACE COURSE	SBS PG 70-22	4.0% design=90	IL - 9.5	MIXTURE D
INCIDENTAL SURFACE	PG 64-22	4.0% design=70	IL - 9.5	MIXTURE C
CLASS D PATCHING	PG 64-22	4.0% design=70	IL - 19.0	N/A

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS & GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5	TYPICAL SECTIONS
6	DETAILS
7	SCHEDULES
8	ENTRANCE SCHEDULE
9	PLAN SHEET
10	PAVEMENT MARKING PLAN SHEET
11	INTERSECTION PLAN SHEET
12-15	PAVEMENT MARKING DETAILS
16	CONCRETE MEDIAN, TYPE SM (DOWELLED)

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

353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
442201-03	CLASS C AND D PATCHES
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-06	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

FILE NAME :	USER NAME : staffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & INDEX OF SHEETS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pa\\vlb04EBIDINTEG\illinois.gov\PI00TNDocuments\100T Offices\District 7\Projects\74730\Drawn\CAO\Sheets\0774753-shl-gennat	DRAWN	REVISED	2720			(35,26-5)RS-1	FAYETTE	16	2	
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -								
Default	DATE -	REVISED -								
	PLOT DATE = 10/25/2016	DATE -	REVISED -	SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT 74753			

80% FEDERAL
20% STATE

80% FEDERAL
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
20200100	EARTH EXCAVATION	CU YD	171	171		
31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SO YD	344	344		
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SO YD	344	344		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	38	38		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4920	4920		
40600847	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	TON	304	304		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	56	56		
40600990	TEMPORARY RAMP	SO YD	130	130		
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	611	611		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	20	20		
44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	SO YD	5932	5932		
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	769	769		
44000300	CURB REMOVAL	FOOT	655	655		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SO YD	39	39		
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SO YD	102	102		
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SO YD	49	49		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	167	167		
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	2	2		
67100100	MOBILIZATION	LSUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	6	6		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	980	980		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	82	82		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3120	3120		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	283	283		

* SPECIALTY ITEM

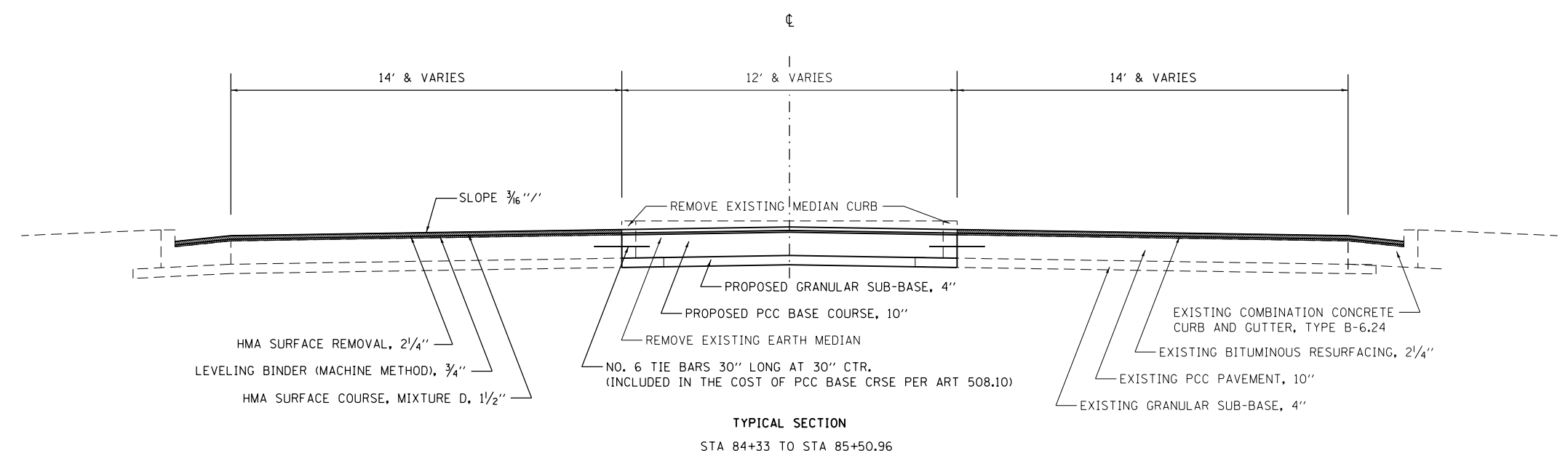
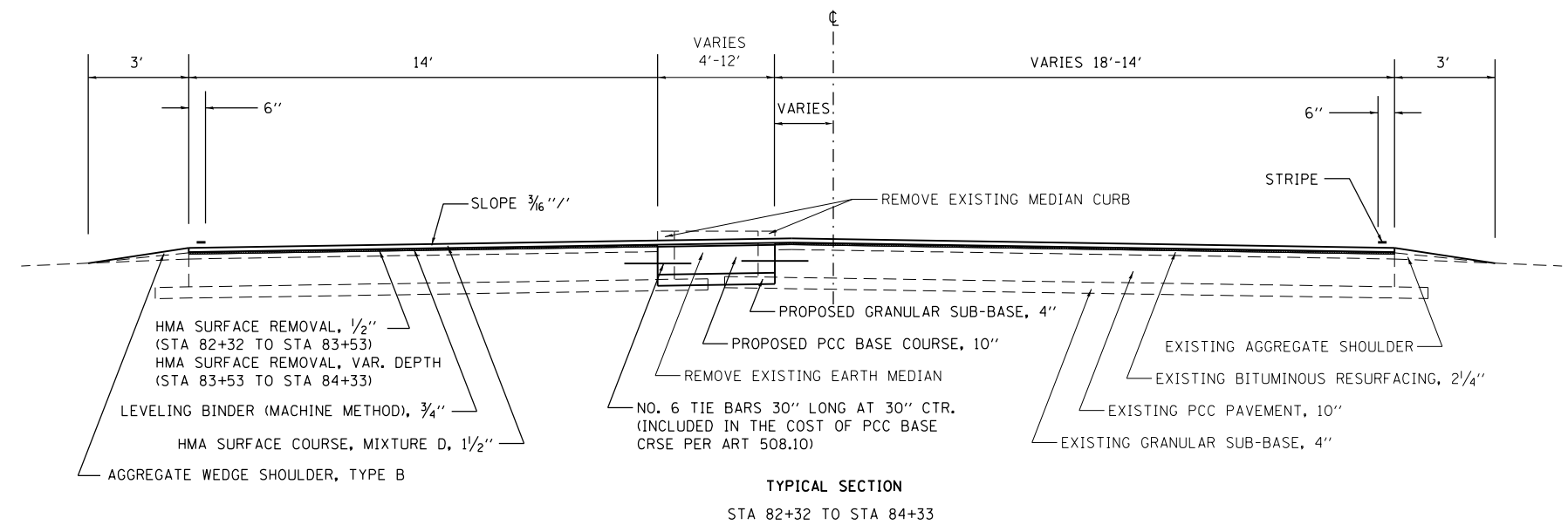
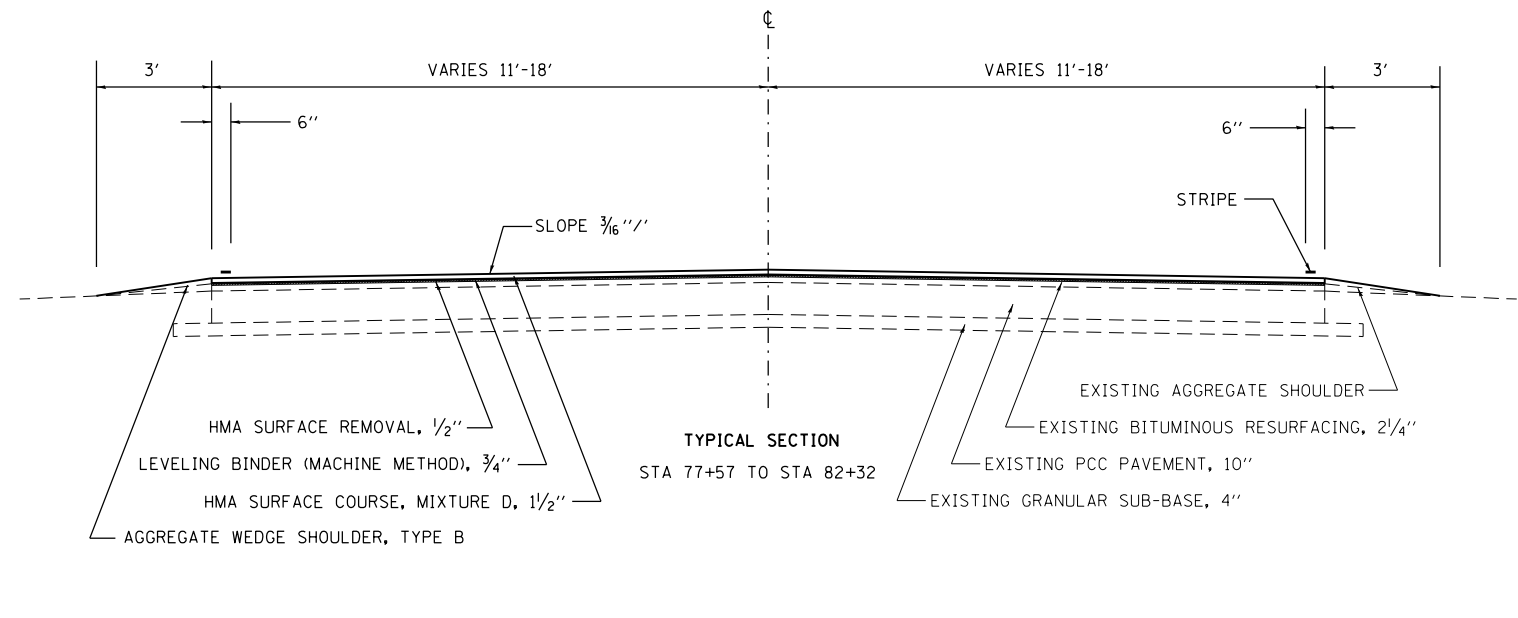
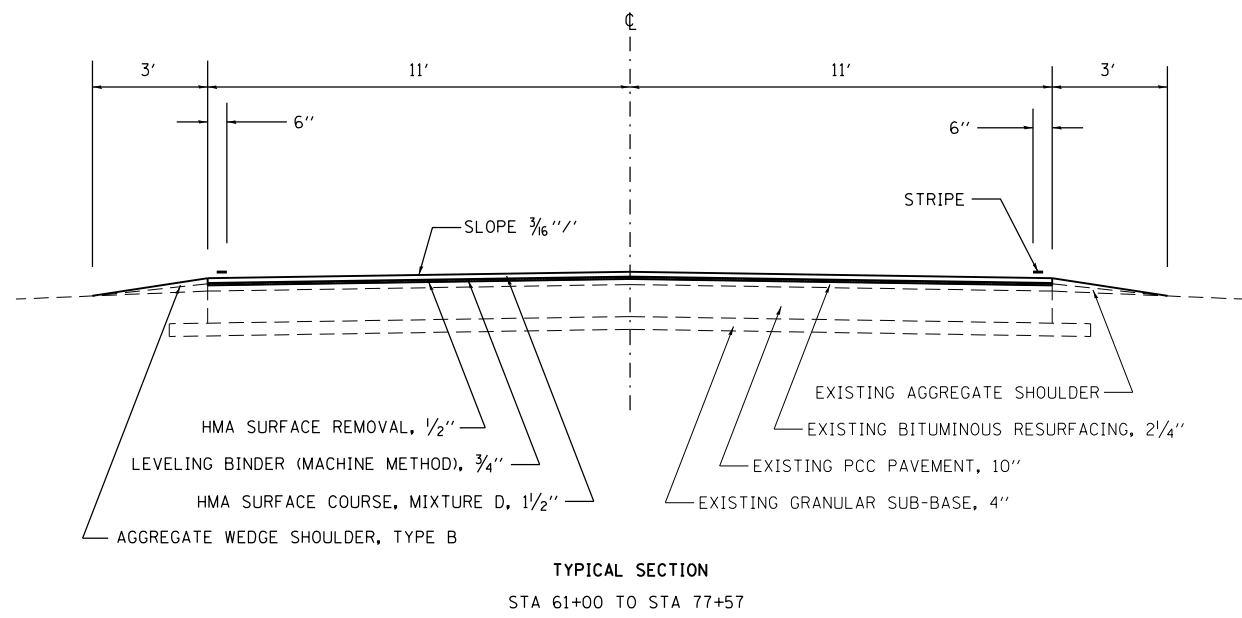
FILE NAME : p:\11084EBI\INTEG.illinois.gov\PI\001\Documents\1007 Offices\District 7\Projects\74753\Drawings\CAD\Sheets\0774753-sht-509.dgn	USER NAME : staffennk	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES		F.A.S. RTE. 2720	SECTION (35,26-5)RS-1	COUNTY FAYETTE	TOTAL SHEETS 16	SHEET NO. 3			
Default	PLOT SCALE : 1/8" = 1' in.	CHECKED - DATE -	REVISED - REVISED -				SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 74753				
	PLOT DATE : 10/25/2016	DATE -	REVISED -											

80% FEDERAL
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	439	439		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	24	24		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	5808	5808		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	67	67		
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	251	251		
X6061702	CONCRETE MEDIAN, TYPE SM (DOWELLED)	SO FT	65	65		
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28	28		
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	3120	3120		
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	283	283		
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	439	439		
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	24	24		

* SPECIALTY ITEM

FILE NAME =	USER NAME = steffanmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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						CONTRACT NO. 74753					

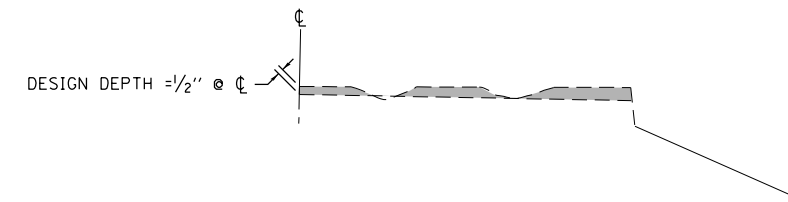
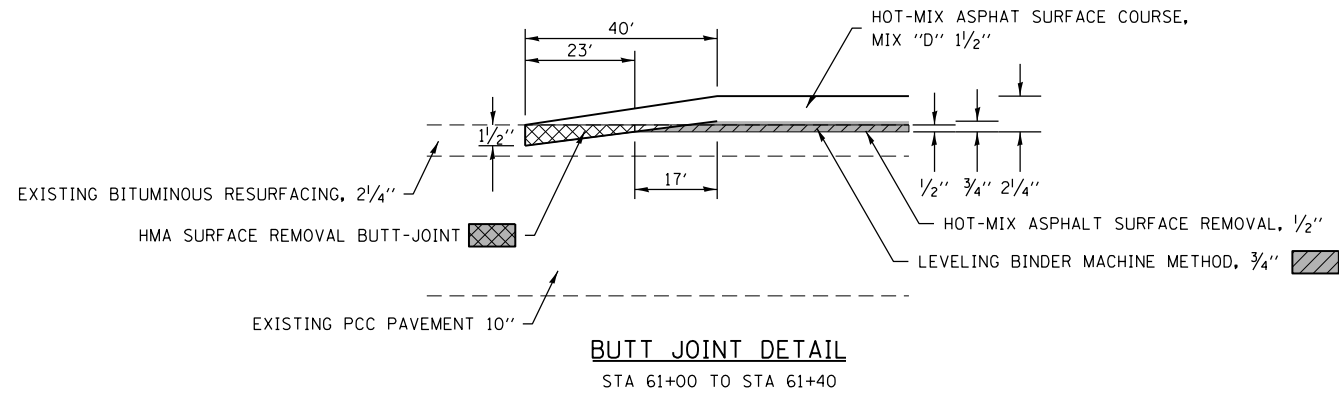


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	PLOT DATE = 10/25/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICALS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

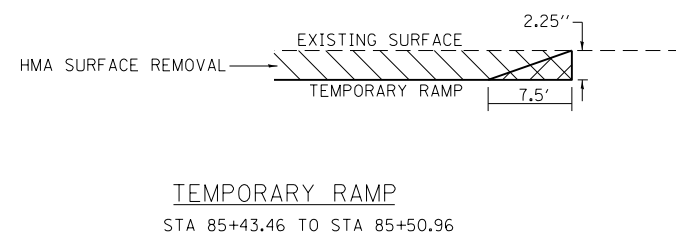
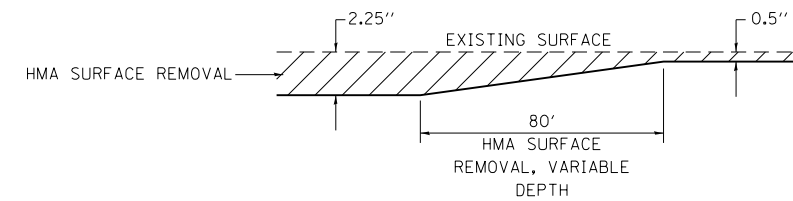
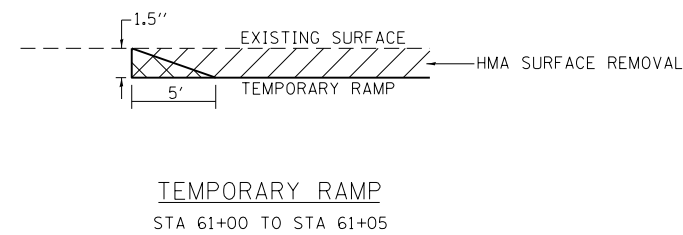
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(35,26-5)RS-1	FAYETTE	16	5
CONTRACT NO. 74753				
ILLINOIS FED. AID PROJECT				



NOTES:

1. MILLING SHALL BE DONE TO ATTAIN A 3/16" SLOPE IN CROWN SECTIONS
2. EXISTING S.E. AND S.E. TRANSITIONS SHALL BE MAINTAINED UNLESS OTHERWISE SHOWN ON THE PLANS.
3. MILLING TO THE BOTTOM OF WHEEL RUTS SHALL NOT BE NECESSARY UNLESS REQUIRED TO OBTAIN SLOPE OR THE DESIGN DEPTH AT CENTERLINE.
4. THE AVERAGE DEPTH OF MILLING IS ESTIMATED TO BE 1/2" BUT MAY VARY IN ISOLATED LOCATIONS.

HMA SURFACE REMOVAL, 1/2" DETAIL
STA 61+23 TO STA 83+53



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Default	PLOT DATE = 10/25/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(35,26-5)RS-1	FAYETTE	16	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74753	

MILLING SCHEDULE

STATION	TO	STATION	LENGTH	WIDTH	AREA	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
			FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
61+00	TO	61+23	23	22	56	56	0	0	0
61+23	TO	77+57	1634	22	3994	0	3994	0	0
77+57	TO	82+32	475	VAR. 22-36	1531	0	1531	0	0
82+32	LT TO	83+53	LT 121	14	188	0	188	0	0
82+32	RT TO	83+53	RT 121	VAR. 18-14.6	219	0	219	0	0
83+53	LT TO	84+33	LT 80	14	124	0	0	124	0
83+53	RT TO	84+33	RT 80	VAR. 14.6-14	127	0	0	127	0
84+33	LT TO	85+47	LT 114	14	177	0	0	0	177
84+33	RT TO	85+12	RT 79	14	123	0	0	0	123
RIGHT TURN LANE					171	0	0	0	171
LEFT TURN LANE					90	0	0	0	90
SW QUAD, INTERSECTION US RTE 40					208	0	0	0	208
TOTAL					56	5932	251	769	

MEDIAN SCHEDULE

STATION	TO	STATION	LENGTH	WIDTH	AREA	EARTH EXCAVATION	CURB REMOVAL	SUBBASE GRANULAR MATERIAL, TYPE C 4"	PORTLAND CEMENT CONCRETE BASE COURSE 10"	CONCRETE MEDIAN, TYPE SM (DOWELLED)
			FOOT	FOOT	SQ YD	CU YD	FOOT	SQ YD	SQ YD	SQ FT
82+32	TO	85+36	304	VAR. 4-12	333	166	614	333	333	0
SE QUADRANT RIGHT TURN ISLAND					VAR.	VAR.	11	5	41	11
TOTAL							171	655	344	65

PAVING SCHEDULE

STATION	TO	STATION	LENGTH	WIDTH	AREA	BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90
			FOOT	FOOT	SQ YD	POUND	TON	TON
61+00	TO	77+57	1657	22	4050	2734	168	340
77+57	TO	84+33	676	VAR. 22-40	2328	1572	98	196
84+33	TO	85+50.96	117.96	40	524	354	22	44
SE QUAD, INTERSECTION US RTE 40					176	119	7	14
SW QUAD, INTERSECTION US RTE 40					208	141	9	17
TOTAL					4920	304	611	

* 0.05 LBS/SQ FT ON MILLED SURFACE & 0.025 LBS/SQ FT ON LEVEL BINDER SURFACE - RATE CALCS FOR BITUMINOUS MATERIALS (TACK COAT)

PAVMENT MARKING SCHEDULE

STATION	TO	STATION	LENGTH	PAINT PAVEMENT MARKING - LINE 4" (WHITE)	PAINT PAVEMENT MARKING - LINE 4" (YELLOW)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)	RAISED REFLECTIVE PAVEMENT MARKER (1-WAY AMBER)	RAISED REFLECTIVE PAVEMENT MARKER (2-WAY AMBER)
			FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH
61+00	TO	72+57	1157	2314	289	0	0	0	0	0	0	14
72+57	TO	76+77	420	840	525	0	0	0	0	0	0	5
76+77	TO	77+57	80	160	160	0	0	0	0	0	0	6
77+57	TO	85+35	778	1375	0	3120	0	0	299	0	41	1
INTERSECTION U.S. RTE. 40, ISLAND			VAR.	0	0	0	99	17	0	0	0	0
INTERSECTION U.S. RTE. 40, RT TURN LANE			VAR.	0	0	0	184	123	0	12	0	0
INTERSECTION U.S. RTE. 40, LT TURN LANE			VAR.	0	0	0	0	0	0	12	0	0
SW QUAD, INTERSECTION US RTE 40			VAR.	145	0	0	0	0	0	0	0	0
TOTAL (BY COLOR)				4834	974	3120	283	140	299	24	41	26
TOTAL (BY PAY ITEM)				5808		3120	283	439	24		67	

GROOVING FOR RECESSED PAVMENT MARKING SCHEDULE

STATION	TO	STATION	LENGTH	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 9"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	GROOVING FOR RECESSED PAVEMENT MARKING 25"
			FOOT	FOOT	FOOT	FOOT	FOOT
77+57	TO	85+35	693	3120	0	299	0
INTERSECTION U.S. RTE. 40, ISLAND			VAR.	0	99	17	0
INTERSECTION U.S. RTE. 40, RT TURN LANE			VAR.	0	184	123	12
INTERSECTION U.S. RTE. 40, LT TURN LANE			VAR.	0	0	0	12
TOTAL				3120	283	439	24

AGGREGATE WEDGE SHOULDER SCHEDULE

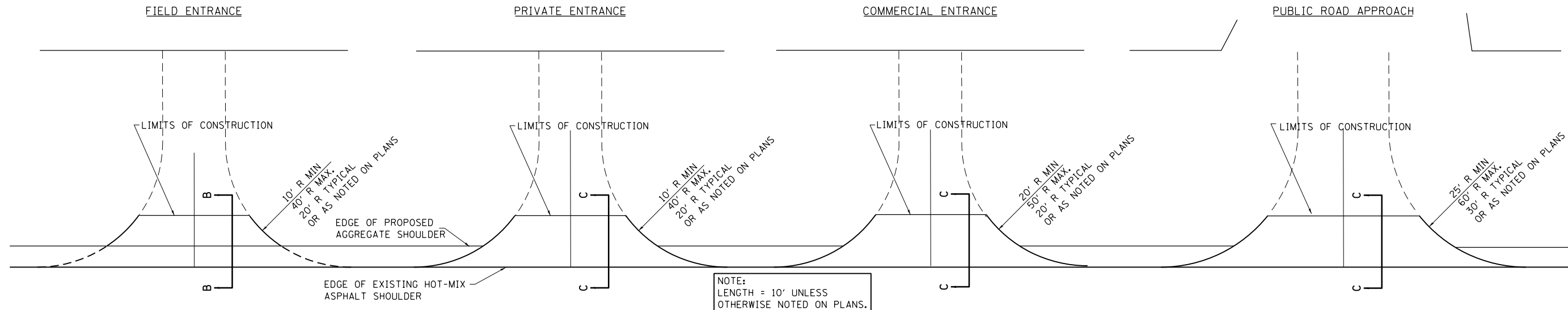
STATION	TO	STATION	LENGTH	WIDTH	AREA	AGGREGATE WEDGE SHOULDER, TYPE B
			FOOT	FOOT	SQ YD	TONS
61+00	LT	70+39	LT 939	3	313	29
70+79	LT	76+58	LT 579	7	450	42
76+92	LT	78+88	LT 196	7	152	14
79+46	LT	79+68	LT 22	7	17	2
79+68	LT	83+08	LT 340	3	113	10
61+00	RT	64+19	RT 319	3	106	10
64+65	RT	81+61	RT 1696	3	565	52
82+01	RT	84+52	RT 251	3	84	8
TOTAL						167

TEMPORARY RAMP SCHEDULE

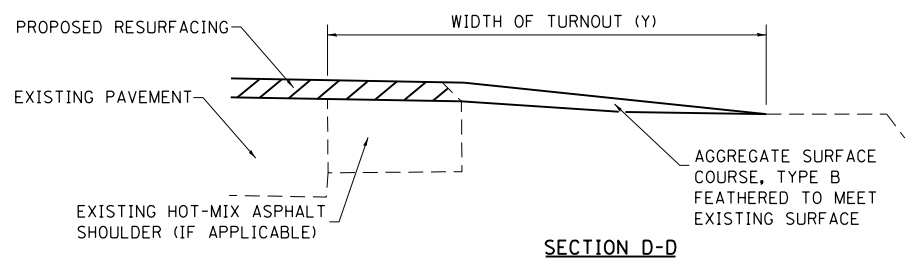
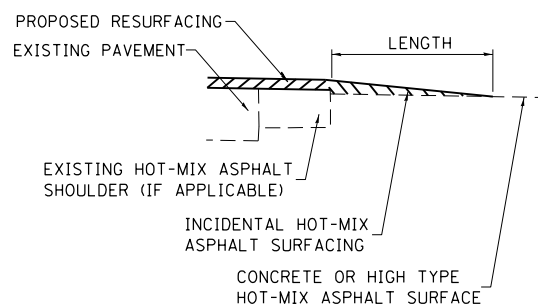
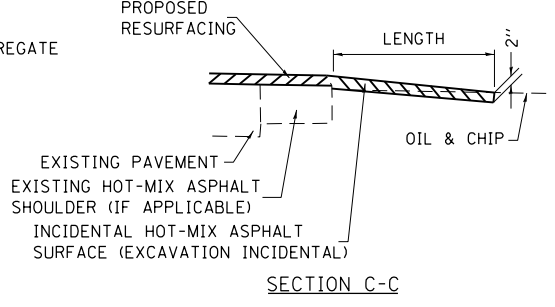
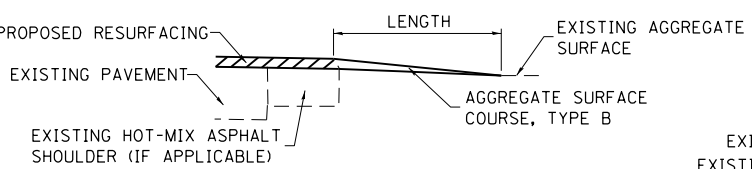
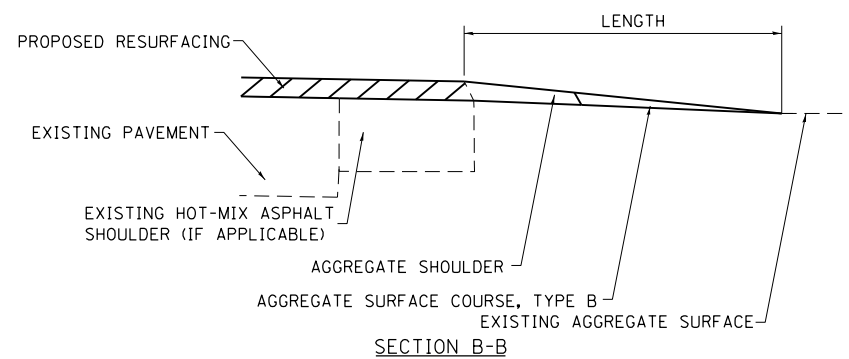
STATION	TO	STATION	LENGTH	WIDTH	TEMPORARY RAMP
			FOOT	FOOT	SQ YD
61+00	TO	61+05	5	22	12
85+43.46	TO	85+50.96	7.5	142	118
TOTAL					130

SHORT TERM PAVEMENT MARKING SCHEDULE

STATION	TO	STATION	LENGTH	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	
			FOOT	FOOT	SQ FT	
61+00	TO	85+50	2450	245	0	MILLED/CONCRETE
61+00	TO	85+50	2450	245	0	PRIMED
61+00	TO	85+50	2450	245	0	LEVEL BINDER
61+00	TO	85+50	2450	245	82	SURFACE COURSE
TOTAL				980	82	



NOTE:
LENGTH = 10' UNLESS
OTHERWISE NOTED ON PLANS.



TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS

NOTES

THE COST OF THE ASPHALT MATERIALS, AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROADS AND APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

THE COST OF EXCAVATION IS INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

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

THE COST OF THE BITUMINOUS MATERIALS AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON
LT	62+40	PE		3.3
RT	63+44	PE		2.4
RT	64+42	PE	2.3	
RT	67+37	CE		2.4
LT	68+94	CE		3.1
LT	70+59	PE	2.4	
LT	72+37	PE		2.7
LT	73+09	PE		2.7
LT	74+24	PE		2.7
LT	75+01	PE		3
LT	75+69	PE		3.1
LT	76+75	PE	1.9	
RT	77+46	FE		1.9
LT	77+56	PE		2.8
LT	78+28	PE		2.7
RT	79+06	PE		2.8
LT	79+17	PRA	3.7	
LT	79+68	PE		2.4
RT	81+81	PE	2.3	
LT	83+53	CE		7.4
LT	84+09	CE		
TOTALS			20.0	38.0

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON

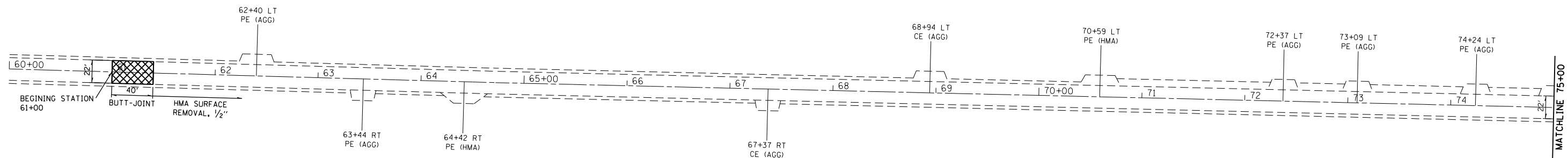
FE=FIELD ENTRANCE PRA - PUBLIC ROAD APPROACH
PE=PRIVATE ENTRANCE MBT - MAILBOX TURNOUT
CE=COMMERCIAL ENTRANCE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
p:\l\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 7\Projects\74753\Drawings\CAD\sheet\0774753-sht-details.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 10/25/2016	DATE -	REVISED -

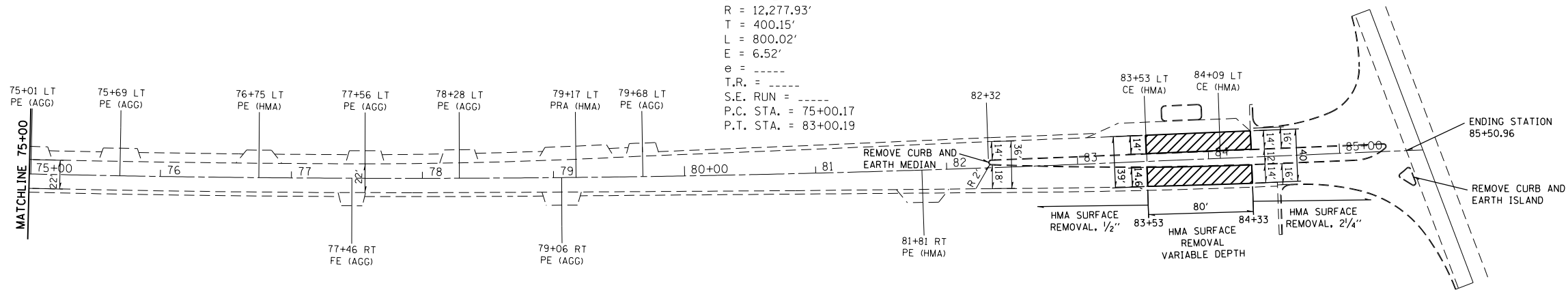
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(35,26-5)RS-1	FAYETTE	16	8
CONTRACT NO. 74753				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE EXINTDR1
 PI STA. = 79+00.32
 $\Delta = 3^\circ 44' 00''$ (LT)
 $D = 0^\circ 28' 00''$
 $R = 12,277.93'$
 $T = 400.15'$
 $L = 800.02'$
 $E = 6.52'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 75+00.17$
 $P.T. \text{ STA.} = 83+00.19$



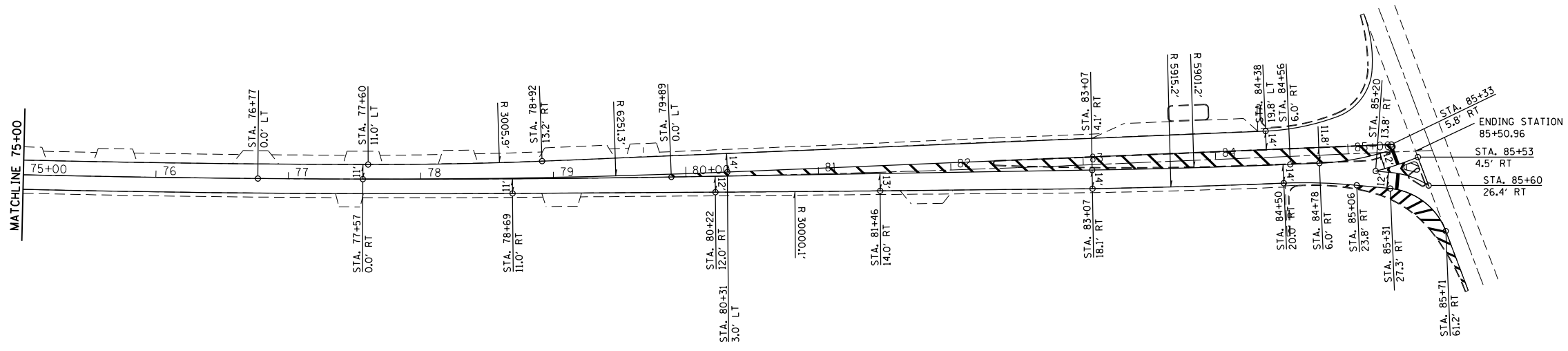
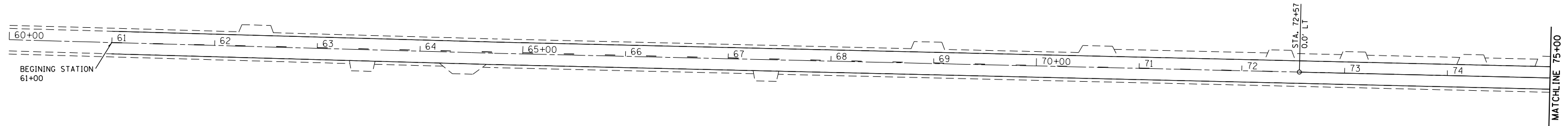
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/25/2016	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(35,26-5)RS-1	FAYETTE	16	9
CONTRACT NO. 74753				
ILLINOIS FED. AID PROJECT				



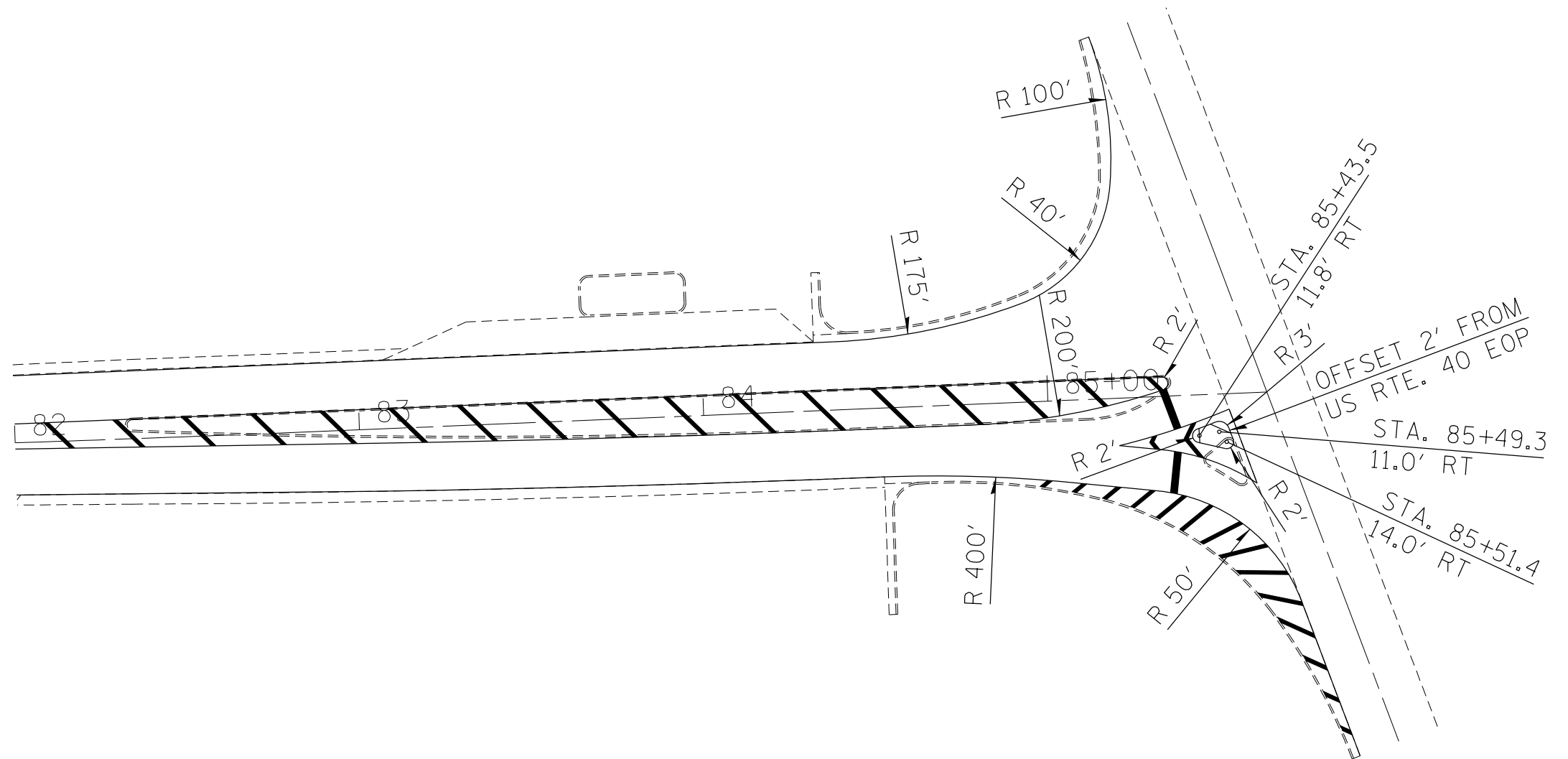
FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/25/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN SHEET

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(35,26-5)RS-1	FAYETTE	16	10
CONTRACT NO. 74753				
ILLINOIS FED. AID PROJECT				



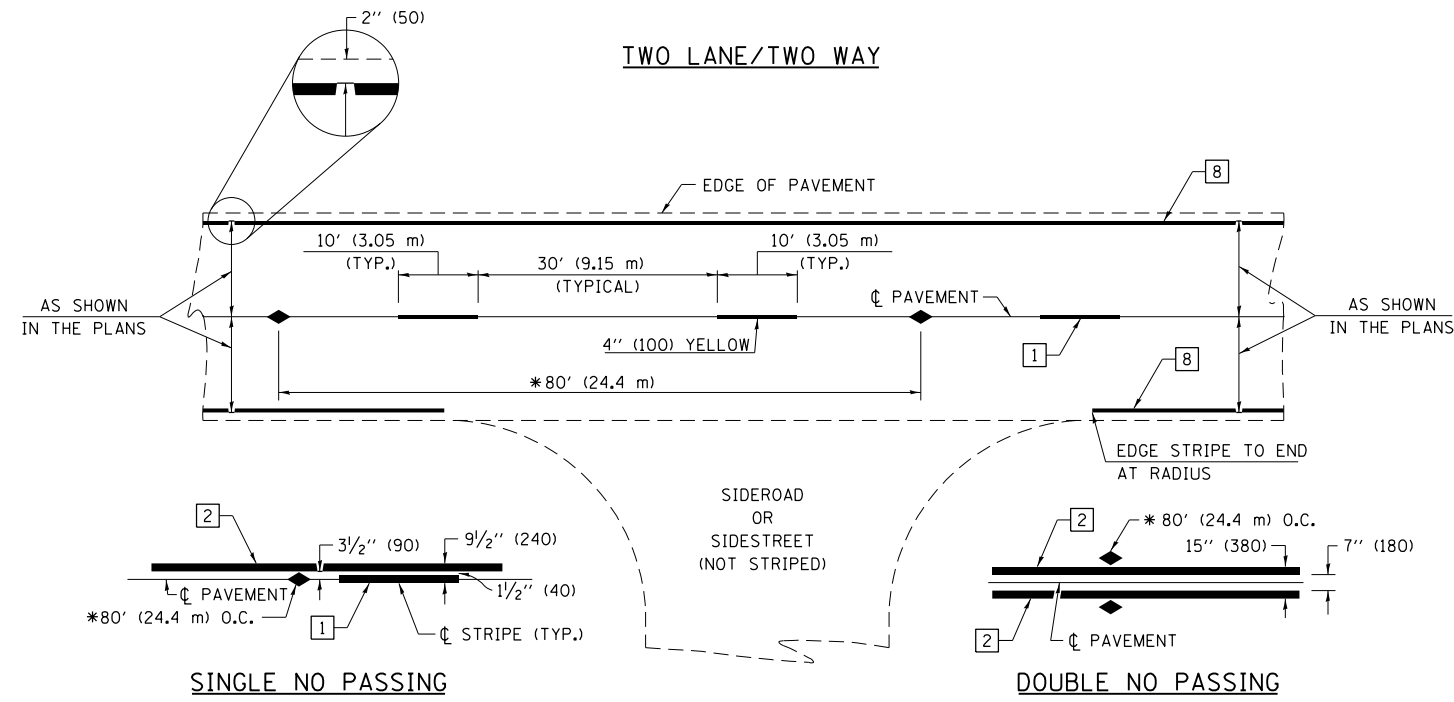
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/25/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION PLAN SHEET

SCALE: 1" = 20' SHEET OF SHEETS STA. TO STA.

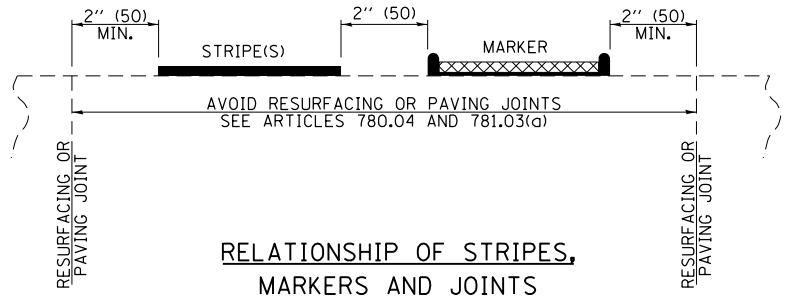
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(35,26-5)RS-1	FAYETTE	16	11
CONTRACT NO. 74753				
ILLINOIS FED. AID PROJECT				



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

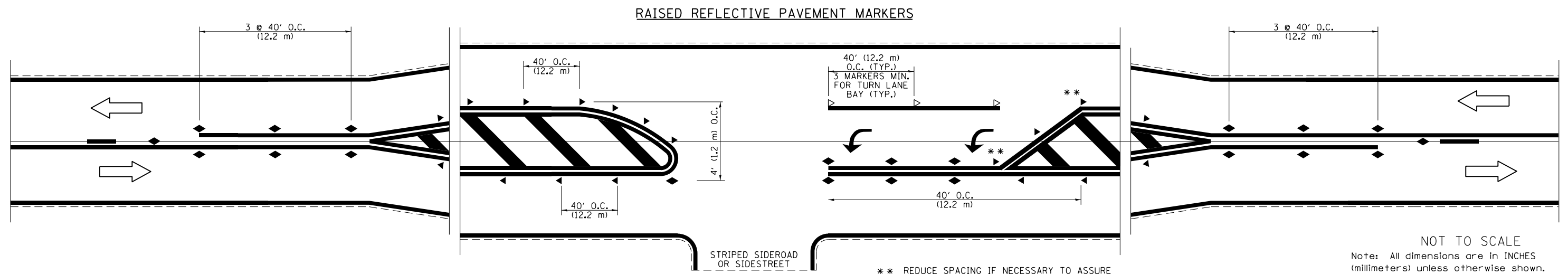
PAVEMENT MARKING LEGEND

- 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



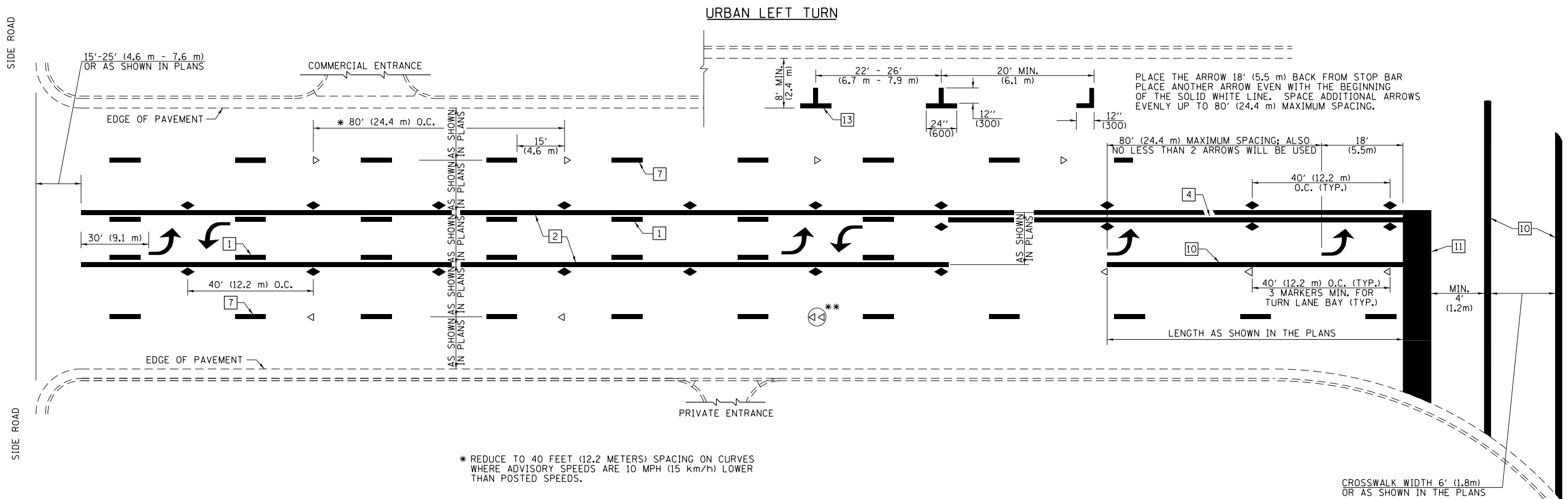
TYPICAL PAVEMENT MARKERS LEGEND

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



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

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:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 7\Projects\74753\Drawings\CABsheets\0774753-sht-details.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			2720	(35,26-5)RS-1	FAYETTE	16	12
PLOT DATE = 10/25/2016	DATE -	REVISED -	REVISED -			CONTRACT NO. 74753				
						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.

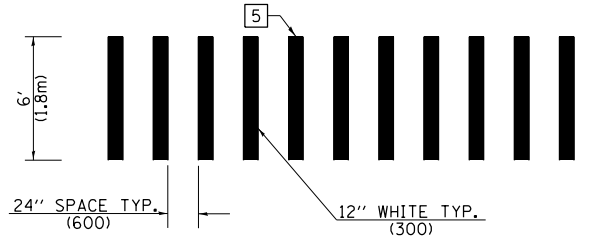
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED
AND SPACED AS SHOWN IN HIGHWAY STANDARD
781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED
HIGHWAYS.

PAVEMENT MARKING LEGEND

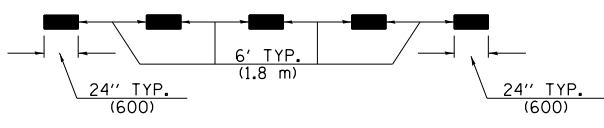
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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

GENERAL NOTES

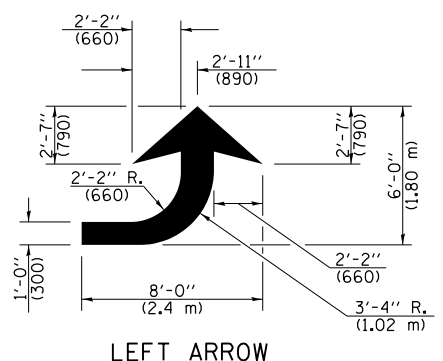
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT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



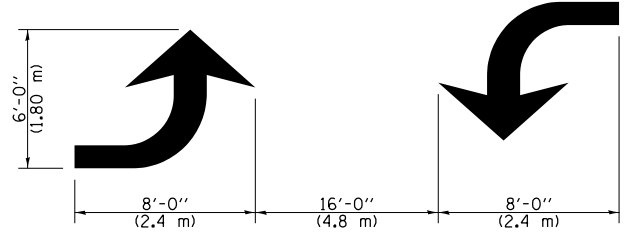
**CROSSWALK DETAIL
(DECATUR CITY LIMITS ONLY)**



LANE LINE EXTENSIONS



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



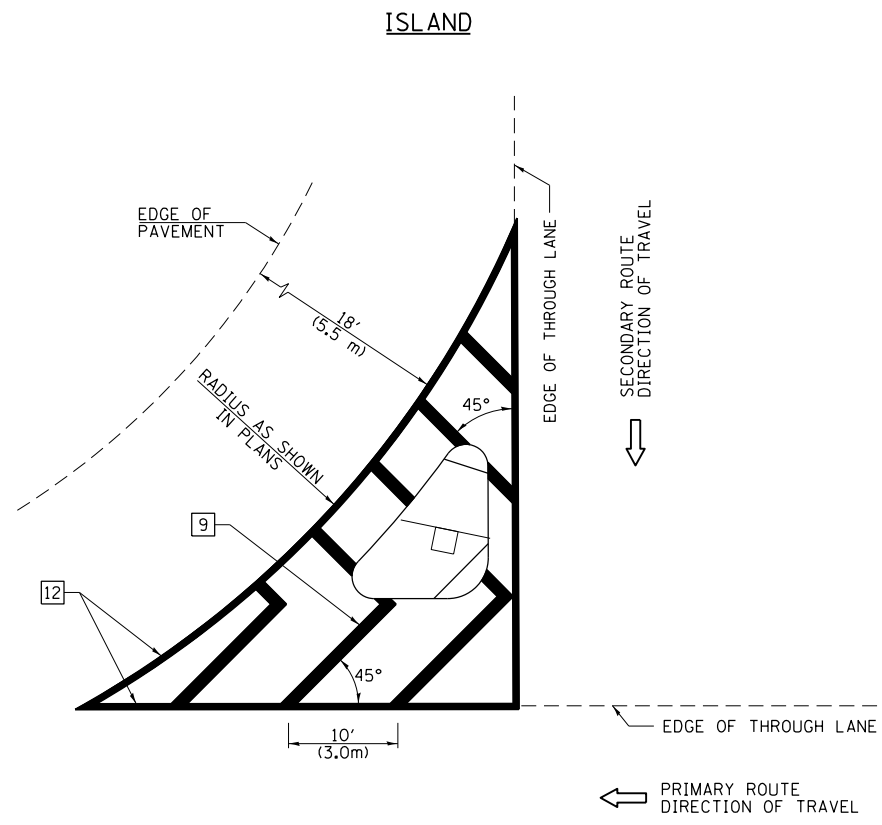
**TYPICAL DOUBLE
TURN ARROWS (WHITE)**

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 78000001

FILE NAME =	USER NAME = steffennk	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\11084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 7\Projects\74753\DRAWING\CABsheets\0774753-sht-details.dwg	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -				2720	(35,26-5)RS-1	FAYETTE	16	13
PLOT DATE = 10/25/2016	DATE -	REVISED -	REVISED -				CONTRACT NO. 74753				
							ILLINOIS FED. AID PROJECT				

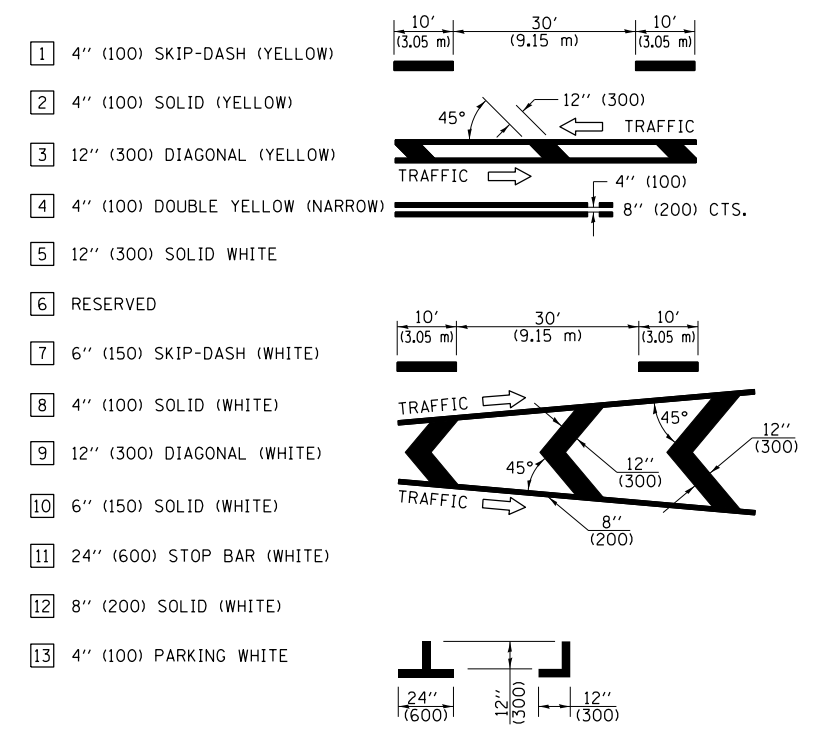


GENERAL NOTES

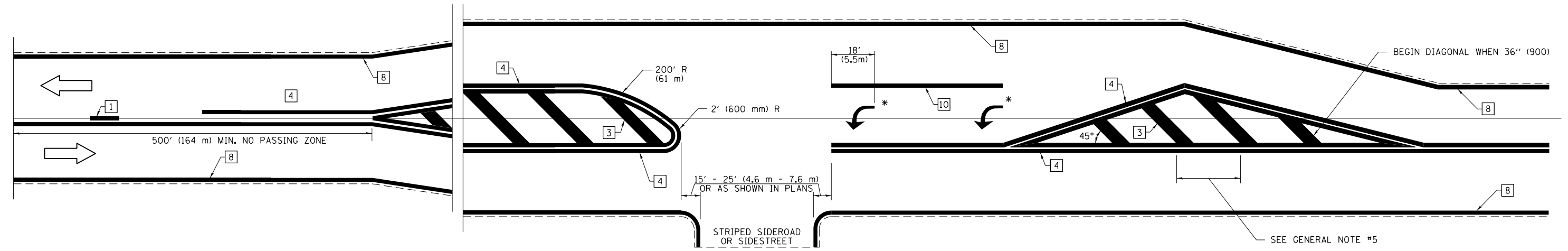
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING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

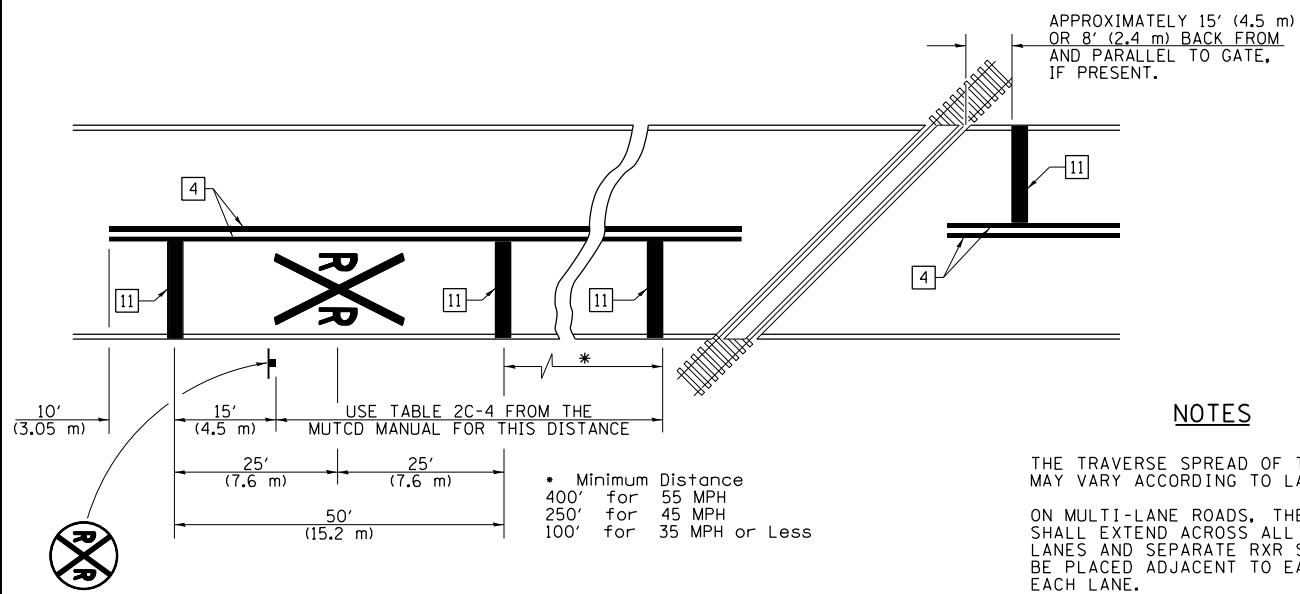
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 10/25/2016	DATE -	REVISED -

**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.
2720	(35,26-5)RS-1	FAYETTE	16	14
CONTRACT NO. 74753				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

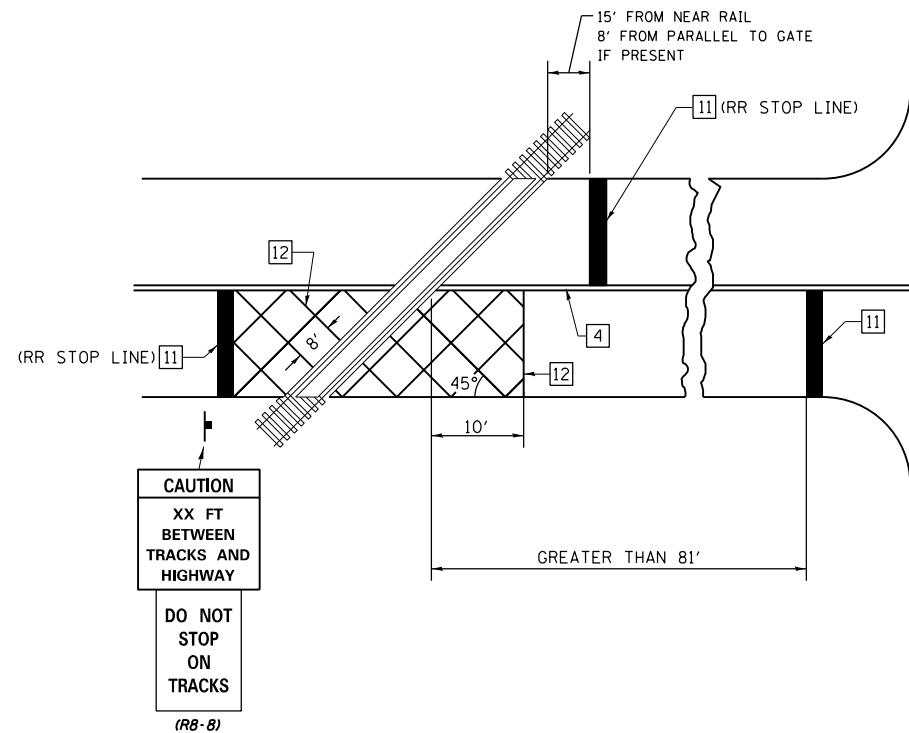
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE R X R SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

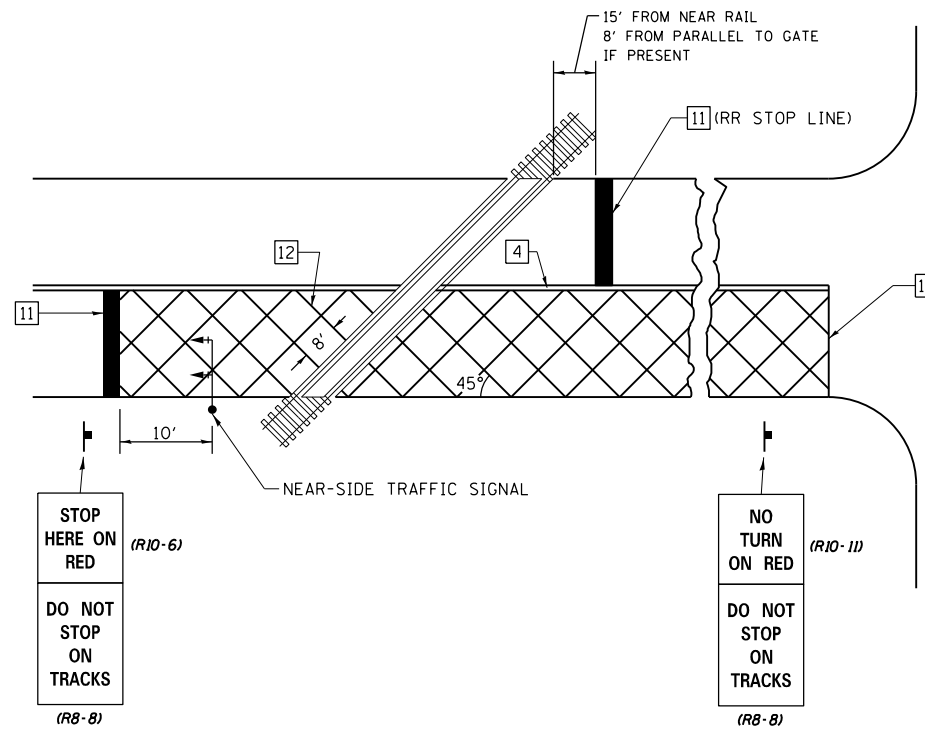
PAVEMENT MARKING LEGEND

- 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.

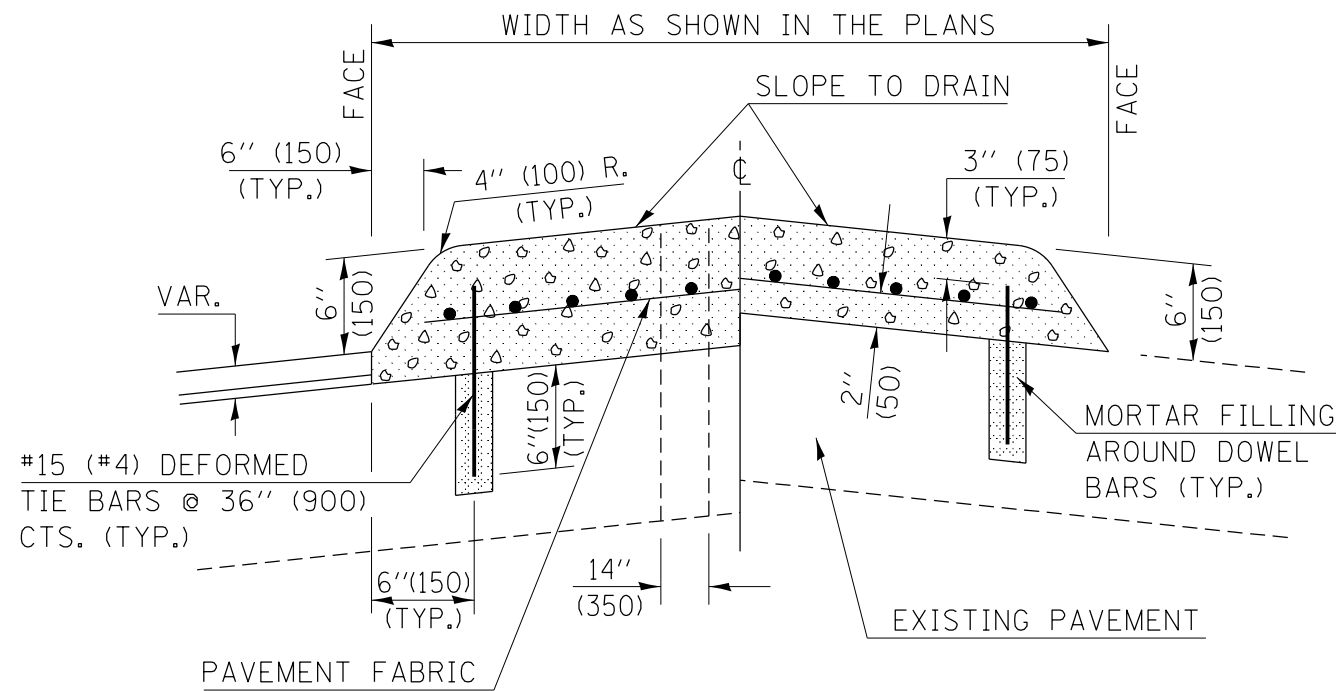
DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffennk	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\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\74753\DRAWING\CABsheets\0774753-sht-details.dgn	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			2720	(35,26-5)RS-1	FAYETTE	16	15
PLOT DATE = 10/25/2016	DATE -	REVISED -	REVISED -			CONTRACT NO. 74753				
						ILLINOIS FED. AID PROJECT				

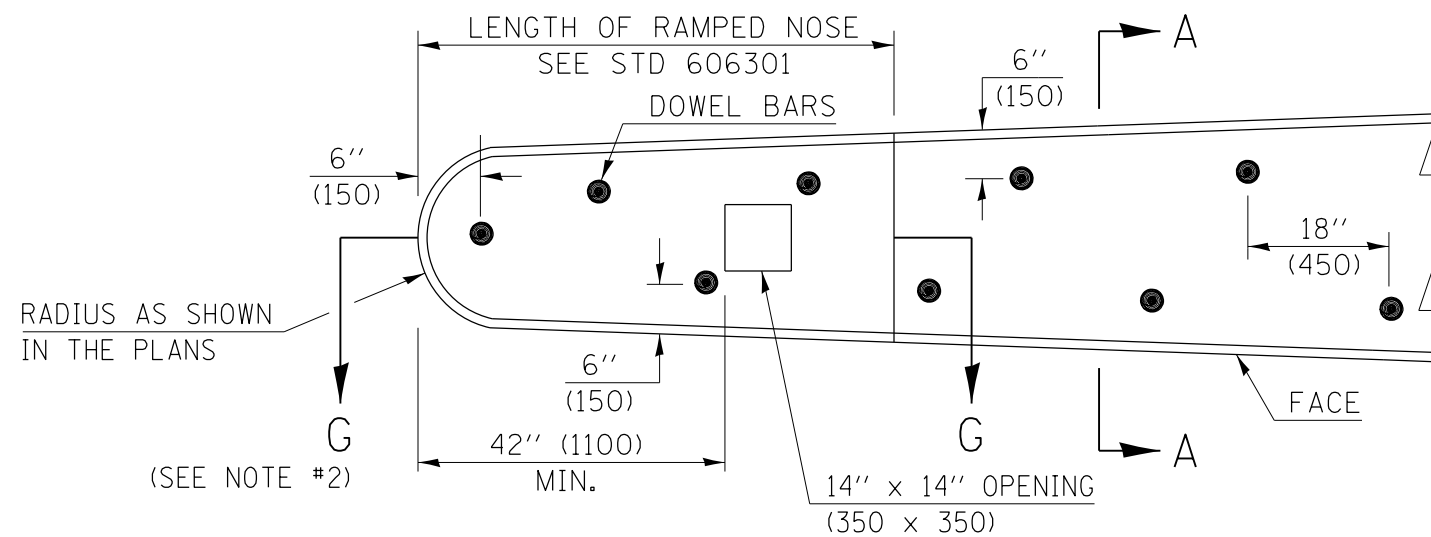
SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

GENERAL NOTES

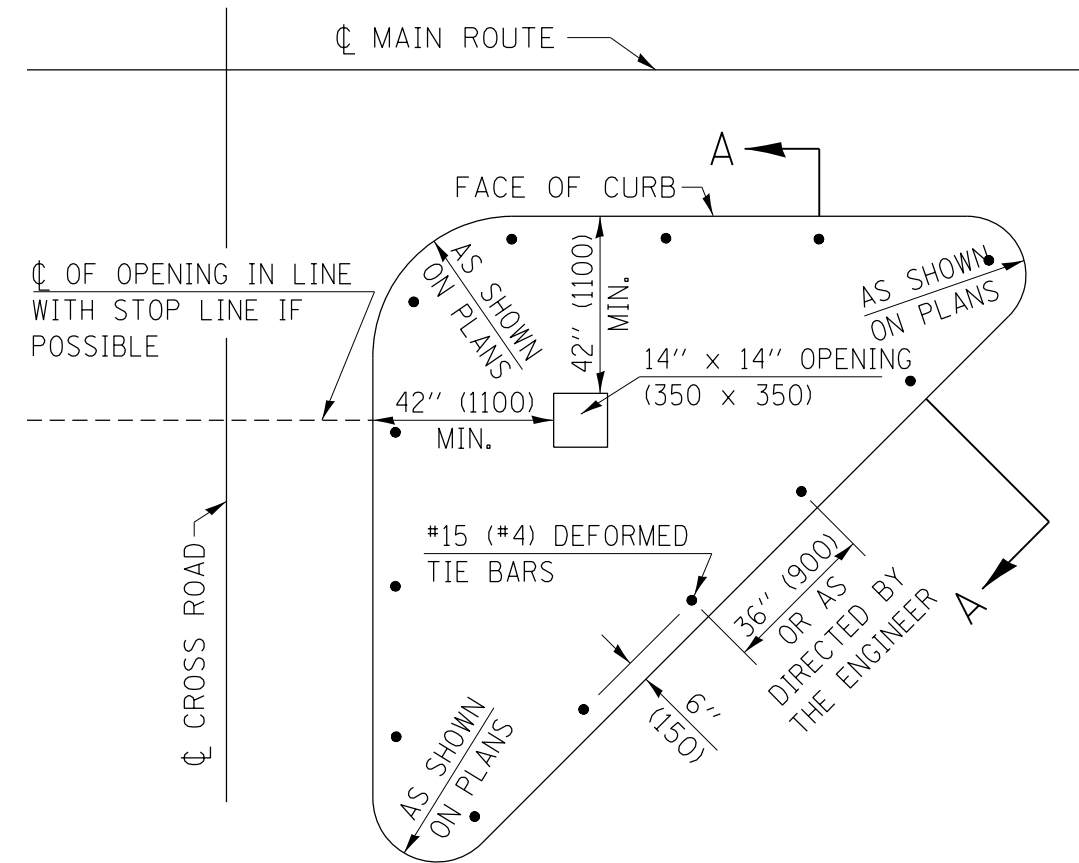
1. THE GENERAL NOTES FOR STANDARD 606301 SHALL APPLY.
2. SECTION G-G SHALL BE THE SAME AS SHOWN ON STANDARD 606301.
3. DOWEL BARS @ 36" (900) CTS. OR AS DIRECTED BY THE ENGINEER.
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ FOOT (m²) FOR CONCRETE MEDIAN, TYPE SM-6 (SM-15) (DOWELED), INCLUDING THE COST OF FURNISHING AND INSTALLING THE DOWEL BARS, MORTAR FILLING, PAVEMENT FABRIC AND THE REMOVAL AND DISPOSAL OF THE EXISTING PAVEMENT FOR THE 14" x 14" (350 x 350) OPENING, IF REQUIRED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



SECTION A-A



PLAN OF MEDIAN



PLAN OF CORNER ISLAND

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

DISTRICT 7 DETAIL NO. X6061702

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 7\Projects\74753\Drawings\CAD\Sheets\0774753-sht-details		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 10/25/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONCRETE MEDIAN, TYPE SM (DOWELED)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2720	(35,26-5)RS-1	FAYETTE	16	16
CONTRACT NO. 74753				
ILLINOIS FED. AID PROJECT				