

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

ROUTE VARIOUS
SECTION D7 HMA RESURF 2021-2

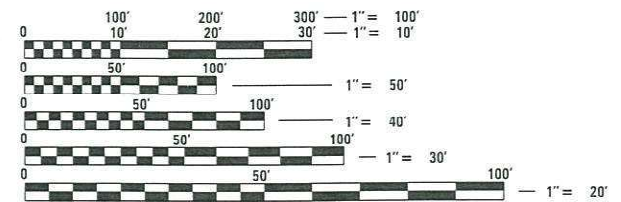
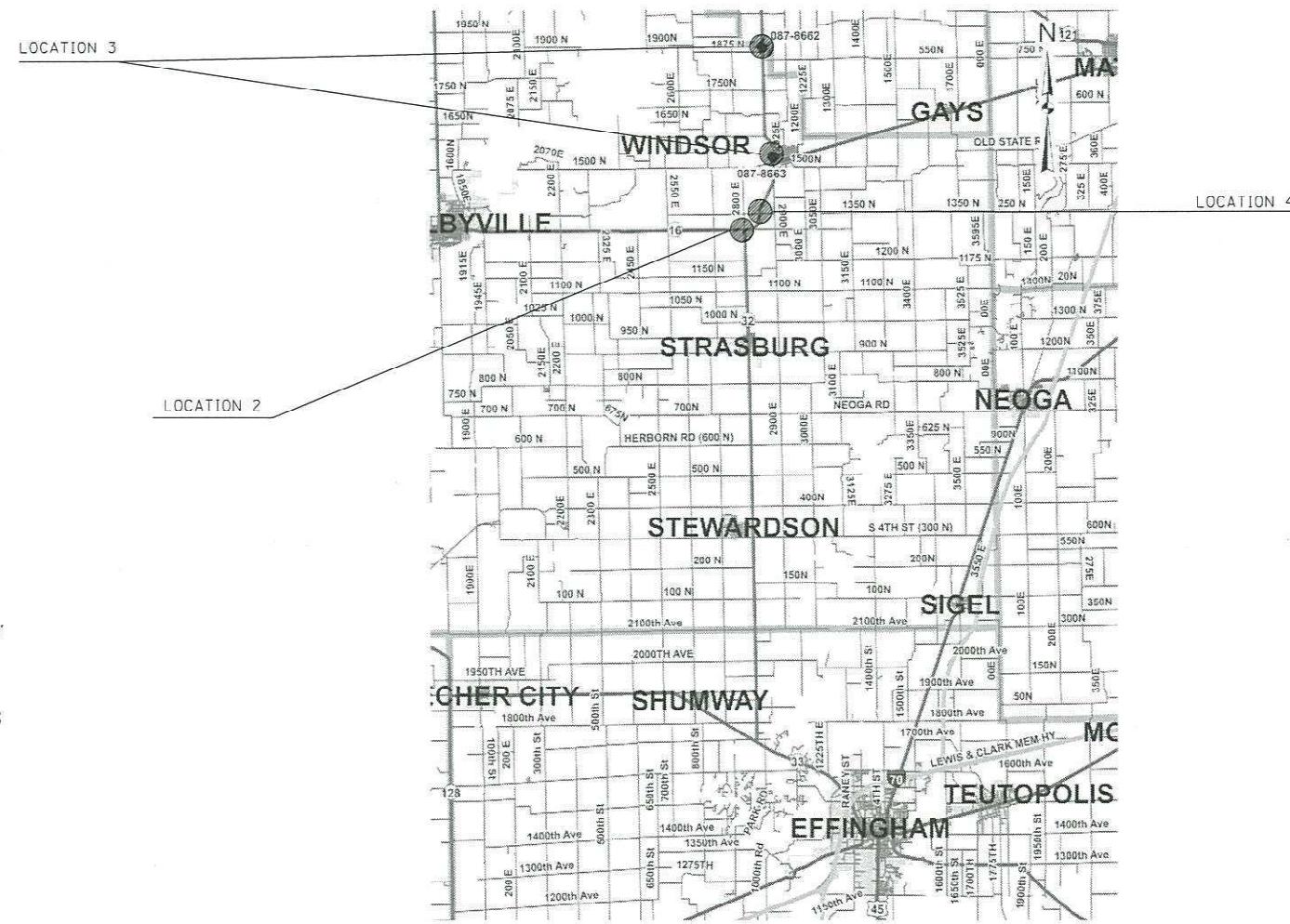
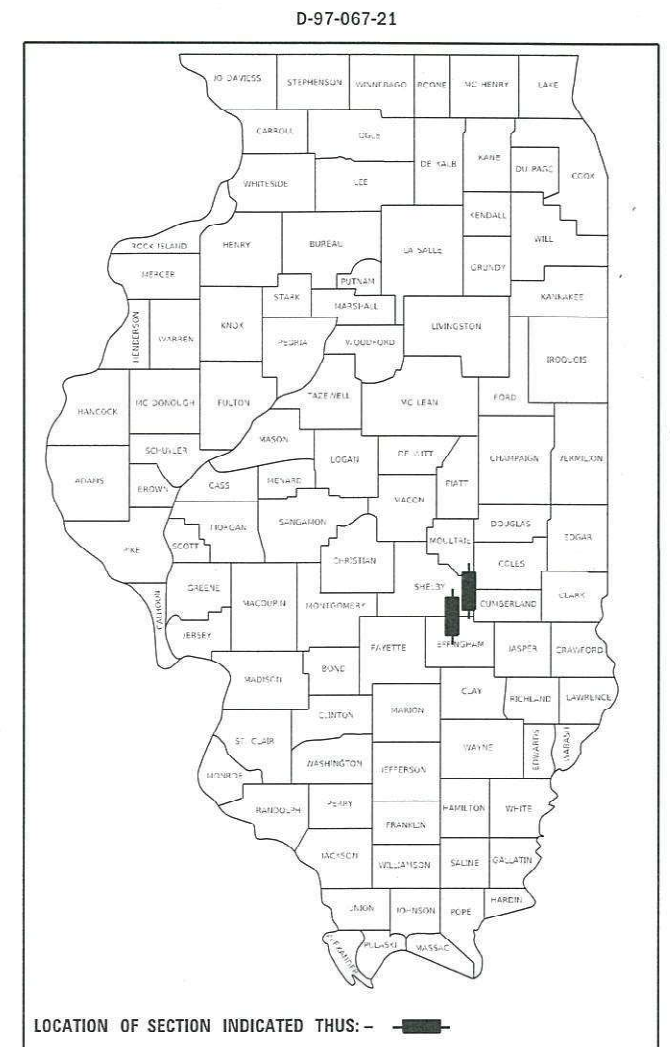
PARTIAL WIDTH RESURFACING
SHELBY COUNTY

C-97-120-21

FOR INDEX OF SHEETS, SEE SHEET NO. 2

LOCATION 2 ADT (2019) = 1,750
LOCATION 3 ADT (2019) = 1,450
LOCATION 4 ADT (2019) = 2,250

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ILLINOIS	D7 HMA RESURF 2021-1	SHELBY	17	1
CONTRACT NO. 74A36				



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER BRIAN LEWIS
PROJECT MANAGER ALEX KREKE
PHONE: (217) 342-8360
CONTRACT NO. 74A36

GROSS LENGTH = 5362 FT. = 1 MILE
NET LENGTH = 5362 FT. = 1 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 10 20 21
Jerry P. M...
REGIONAL ENGINEER

May 7, 2021
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 7, 2021
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>ITEM</u>
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS & GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-9	TYPICAL CROSS SECTIONS
10	SCHEDULE OF QUANTITIES
11	LOCATION DETAILS
12-13	LOCATION MAPS
14-17	PAVEMENT MARKING DETAILS

GENERAL NOTES

THIS WORK INCLUDED IN THIS SECTION CONSISTS OF 1.0 MILE OF PARTIAL WIDTH RESURFACING LOCATED IN SHELBY COUNTY. LOCATION NUMBER 1 WAS DELETED FROM THE CONTRACT.

WHEN APPLYING SHORT TERM PAVEMENT MARKINGS, TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND PAINT SHALL BE USED ON MILLED SURFACES.

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

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	QUALITY MANAGEMENT
POLYMERIZED HMA SURFACE COURSE, MIX "D", N90	SBS PG 70-22	4.0% @ N=90	1L - 9.5	MIXTURE D	QC/QA
POLYMERIZED HMA BINDER COURSE, 1L-19.0, N90	SBS PG 70-22	4.0% @ N=90	1L - 19.0	N/A	QC/QA
HMA PATCHING, CLASS "D" (1L 16 SHOULDER PATCHES)	PG 64-22	4.0% @ N=70	1L - 19.0	N/A	QC/QA

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN THE CALCULATING PLAN QUANTITIES:

AGGREGATE SHOULDERS	2.05 TONS/CU YD
HOT-MIX ASPHALT	112 LBS/SQ YD/ IN
BITUMINOUS MATERIALS	0.05 LBS/SQ FT

HIGHWAY STANDARDS

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

<u>STD. NO.</u>	<u>DISCRPTION</u>
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W DAY ONLY, FOR SPEEDS >= 45MPH
701301-04	LANE CLOSURE, 2L, 2W SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS >= 45MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C AND D PATCHES
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

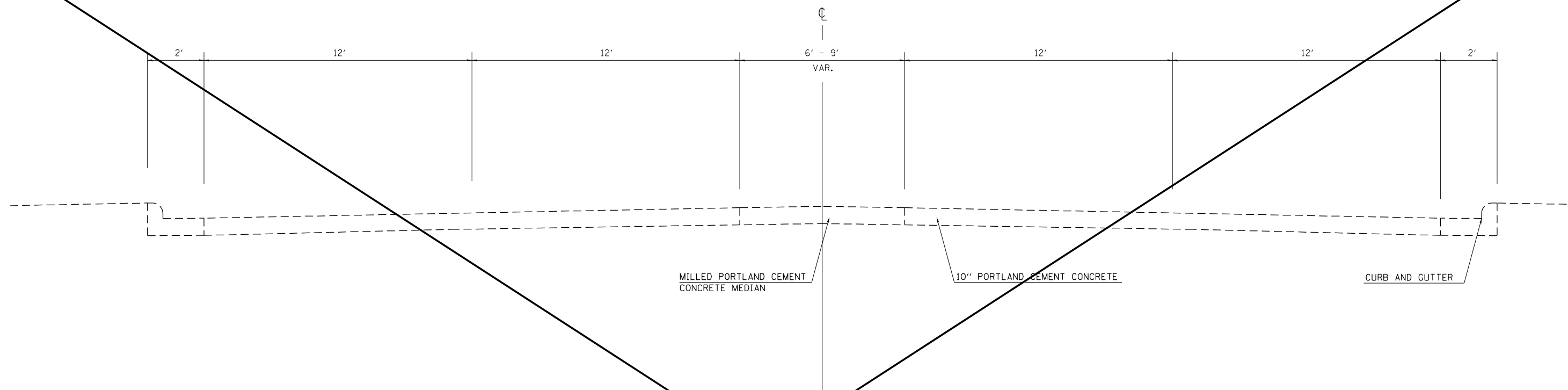
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PLOT DATE = 5/10/2021	DATE -	REVISED +			ILLINOIS FED. AID PROJECT					
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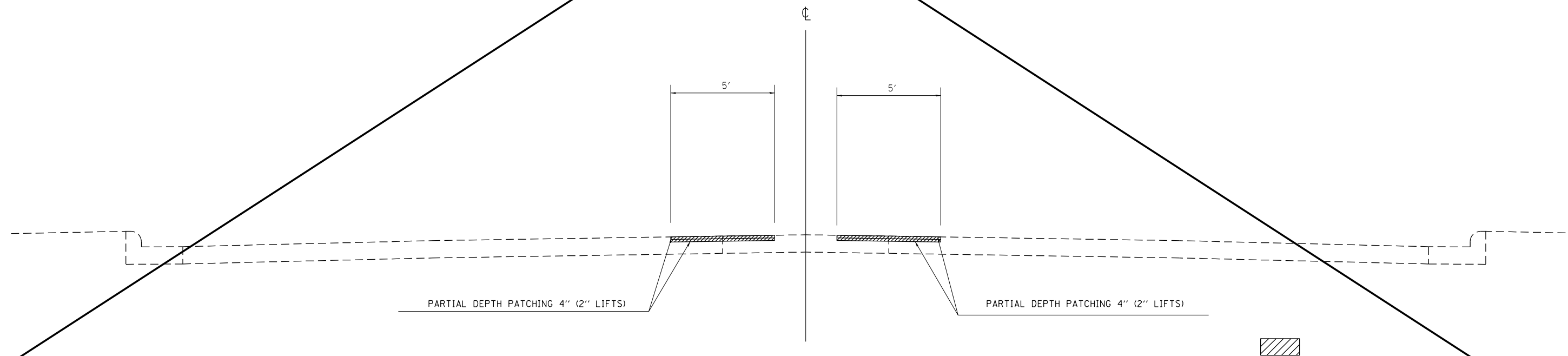
① EXISTING TYPICAL CROSS SECTION

STA. 114+35 TO STA. 121+95



① PROPOSED TYPICAL CROSS SECTION

STA. 114+35 TO STA. 121+95



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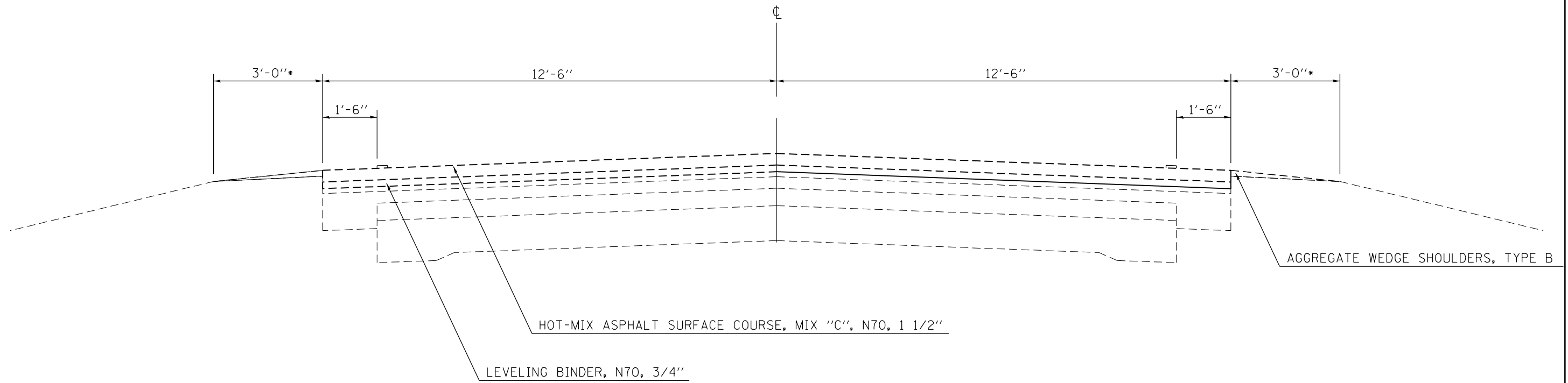
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS LOCATION 1

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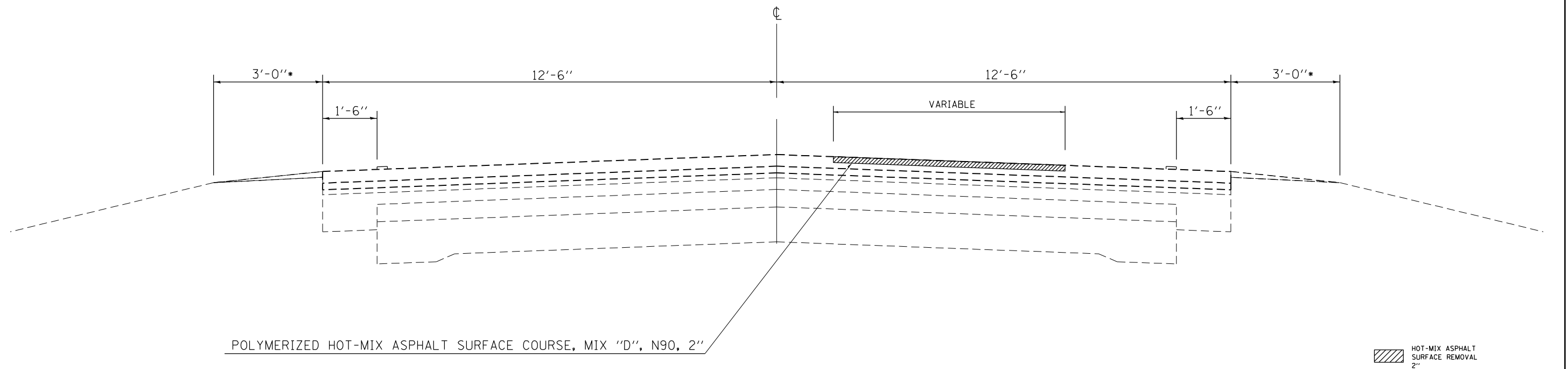
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CONTRACT NO. 74A36				
ILLINOIS FED. AID PROJECT				

② EXISTING TYPICAL CROSS SECTION
 STA. 0+00 TO STA. 0+50



② PROPOSED TYPICAL CROSS SECTION
 STA. 0+00 TO STA. 0+50

*SEE SHEET 11 FOR LOCATIONS FOR
 HMA SURFACE REMOVAL



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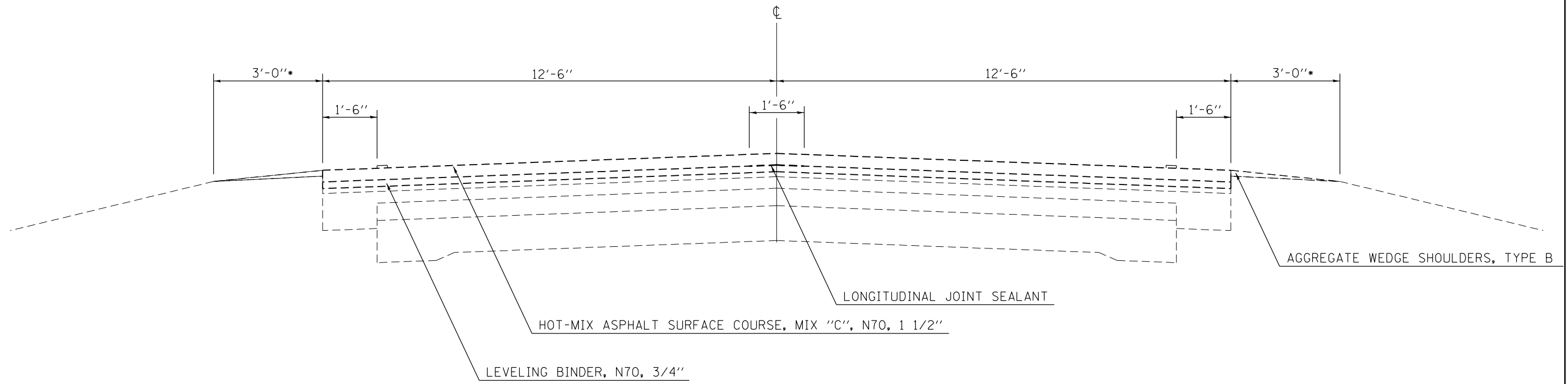
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS LOCATION 2				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74A36				
ILLINOIS FED. AID PROJECT				

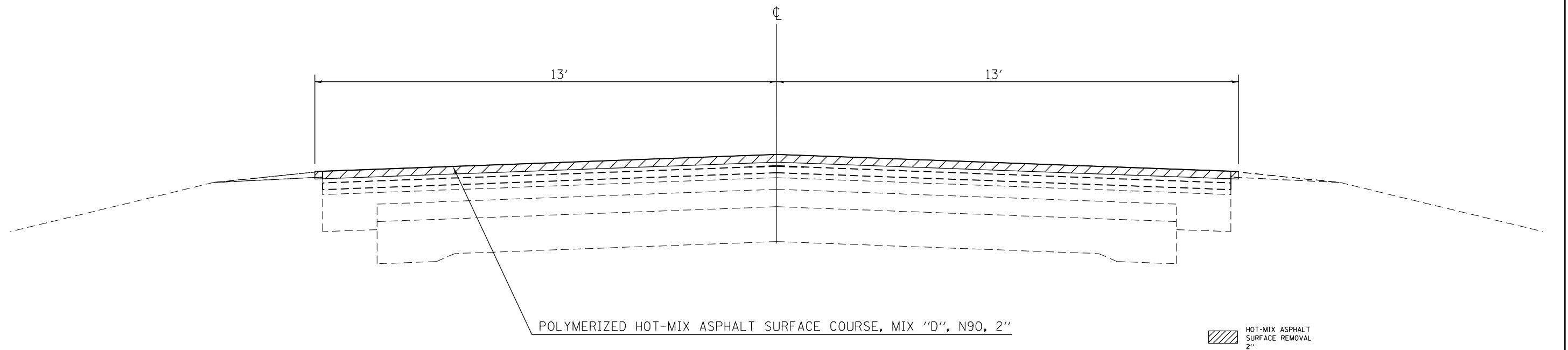
③ EXISTING TYPICAL CROSS SECTION

STA. 596+23 TO STA. 595+97
STA. 402+63 TO STA. 402+37



③ PROPOSED TYPICAL CROSS SECTION

STA. 596+23 TO STA. 595+97
STA. 402+63 TO STA. 402+37



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

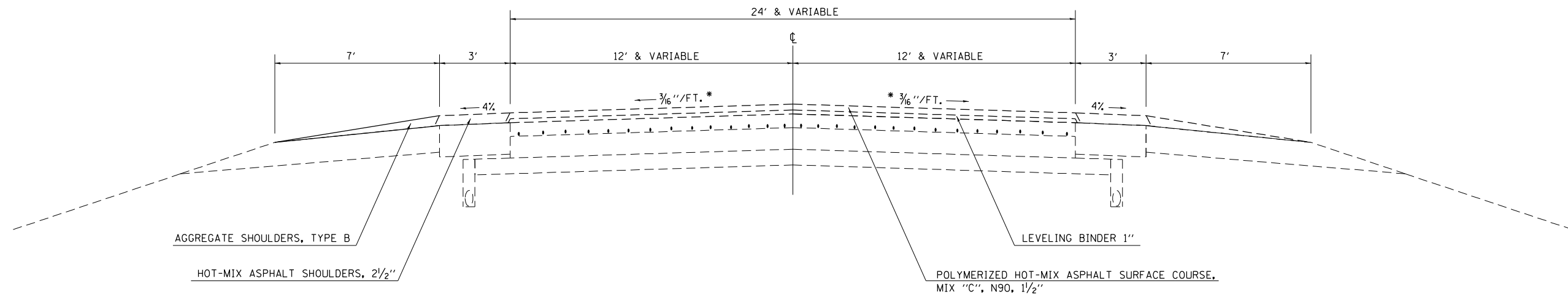
TYPICAL CROSS SECTIONS LOCATION 3

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D7 HMA RESURF 2021-1	SHELBY	17	7
CONTRACT NO. 74A36				
ILLINOIS FED. AID PROJECT				

④ EXISTING TYPICAL CROSS SECTION

STA. 577+00 TO STA. 605+70
STA. 671+40 TO STA. 676+60

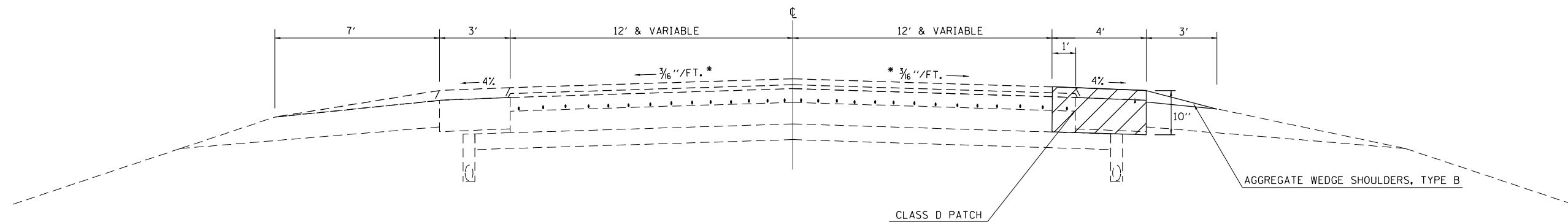


* MATCH EXISTING SUPERELEVATIONS IN CURVES

NOTE: NOT DRAWN TO SCALE


④ PROPOSED TYPICAL CROSS SECTION

STA. 577+00 TO STA. 605+70
STA. 671+40 TO STA. 676+60



* LOCATIONS ARE ON LOW SIDE OF SUPER ELEVATED CURVES

* MATCH EXISTING SUPERELEVATIONS IN CURVES

 HOT-MIX ASPHALT SURFACE REMOVAL 10"

NOTE: NOT DRAWN TO SCALE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

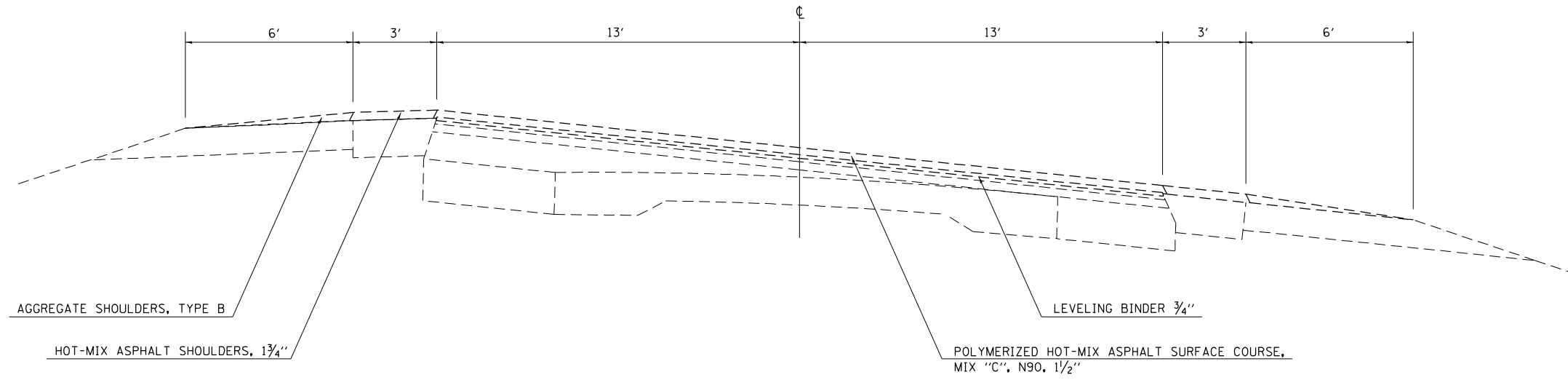
TYPICAL CROSS SECTIONS LOCATION 4

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D7 HMA RESURF 2021-2	SHELBY	17	8
CONTRACT NO. 74A36				
ILLINOIS FED. AID PROJECT				

4 EXISTING TYPICAL CROSS SECTION

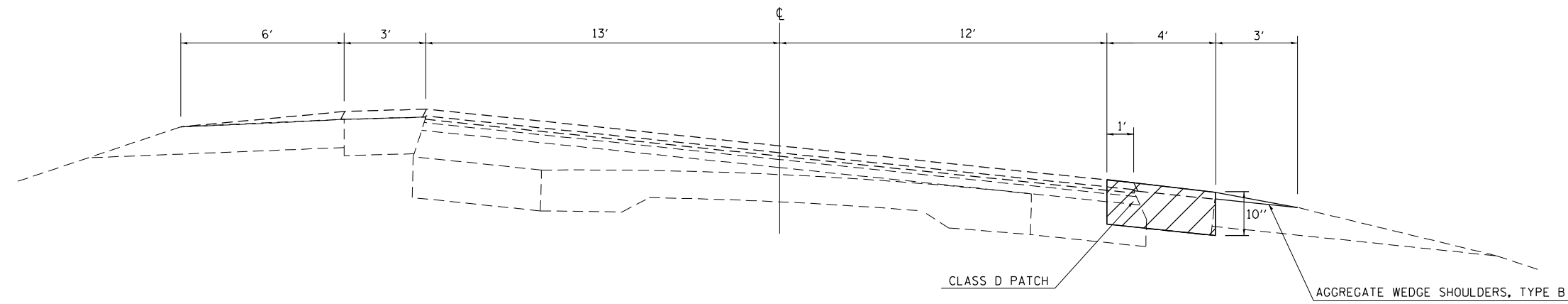
STA. 609+50 TO STA. 628+60
STA. 616+20 TO STA. 618+20



NOTE: NOT DRAWN TO SCALE

4 PROPOSED TYPICAL CROSS SECTION

STA. 609+50 TO STA. 628+60
STA. 616+20 TO STA. 618+20



HOT-MIX ASPHALT SURFACE REMOVAL 10"

- * LOCATIONS ARE ON LOW SIDE OF SUPER ELEVATED CURVES
 - * MATCH EXISTING SUPERELEVATIONS IN CURVES
- NOTE: NOT DRAWN TO SCALE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS LOCATION 4

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D7 HMA RESURF 2021-1	SHELBY	17	9
CONTRACT NO. 74A36				
ILLINOIS		FED. AID PROJECT		

PAVING SCHEDULE														
LANE	STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ FT)	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	PARTIAL DEPTH REMOVAL, TYPE II, 4"	PARTIAL DEPTH REMOVAL, TYPE IV 4"	BITUMINOUS MATERIALS (TACK COAT) POLYBINDER	CLASS, D PATCHES, TYPE IV 10 INCH	PARTIAL DEPTH PATCHING	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	AGGREGATE WEDGE SHOULDER, TY B
							SQ YD	SQ YD	SQ YD	POUND	SQ YD	TON	TON	TON
Location 1 Henrietta st. curve to Jefferson Ave Effingham Co.														
Median	102+35.00		105+25.00	290.0	5.0	161.1	-	-	161.1	-	-	36.1	-	-
Median	105+70.00		114+65.00	895.0	5.0	497.2	-	-	497.2	-	-	111.4	-	-
NB side	114+35.00		118+35.00	400.0	5.0	222.2	-	-	222.2	-	-	49.8	-	-
SB Side	114+35.00		118+35.00	400.0	5.0	222.2	-	-	222.2	-	-	49.8	-	-
SB side	121+05.00		121+55.00	50.0	5.0	27.8	-	27.8	-	-	-	6.2	-	-
NB side	121+55.00		121+95.00	40.0	5.0	22.2	-	22.2	-	-	-	5.0	-	-
Median	122+35.00		125+35.00	300.0	5.0	166.7	-	-	166.7	-	-	37.3	-	-
Median	125+35.00		128+35.00	300.0	5.0	166.7	-	-	166.7	-	-	37.3	-	-
Median	128+35.00		130+35.00	200.0	5.0	111.1	-	-	111.1	-	-	24.9	-	-
Location 1 totals							0	50	1547.2	0	0	357.8	0	0
Location 2 IL 32 at IL 16 junction Shelby Co.														
SBL	+0.00		+50.00	50.0	50.0	2500.0	277.8	-	-	125.0	-	-	31.1	-
SBL	+0.00		+50.00	50.0	12.0	600.0	66.7	-	-	30.0	-	-	7.5	-
NBL	+0.00		+50.00	50.0	12.0	600.0	66.7	-	-	30.0	-	-	7.5	-
NBL	+0.00		+50.00	50.0	12.0	600.0	66.7	-	-	30.0	-	-	7.5	-
Location 2 totals							477.9	0.0	0.0	215.0	0.0	0.0	53.6	0.0
Location 3 IL 32 north of IL 16 in Windsor Shelby Co.														
SBL	595+97.00		596+23.00	26.00	13.0	338.0	37.6	-	-	16.9	-	-	4.2	-
NBL	595+97.00		596+23.00	26.00	13.0	338.0	37.6	-	-	16.9	-	-	4.2	-
SBL	402+37.00		402+63.00	26.00	13.0	338.0	37.6	-	-	16.9	-	-	4.2	-
NBL	402+37.00		402+63.00	26.00	13.0	338.0	37.6	-	-	16.9	-	-	4.2	-
Location 3 totals							150.4	0.0	0.0	67.6	0.0	0.0	16.8	0.0
Location 4 IL 16 West of Windsor Shelby Co.														
WB	577+00.00		605+70.00	2870.00	4.0	11480.0	-	-	-	1275.6	-	-	111.1	-
WB	671+40.00		676+60.00	520.00	4.0	2080.0	-	-	-	231.1	-	-	20.1	-
EB	609+50.00		628+60.00	1910.00	4.0	7640.0	-	-	-	848.9	-	-	74.0	-
EB	616+20.00		618+20.00	200.00	4.0	800.0	-	-	-	88.9	-	-	7.7	-
Location 4 totals							0.0	0.0	0.0	0.0	2444.5	0.0	0.0	212.9

PAVEMENT MARKING SCHEDULE							
LANE	STATION	TO	STATION	LENGTH (FOOT)	MODIFIED URETHANE PAVEMENT MARKING 4"	MODIFIED URETHANE PAVEMENT MARKING 6"	MODIFIED URETHANE PAVEMENT MARKING 24"
					FOOT	FOOT	FOOT
Location 1 Henrietta st. curve to Jefferson Ave Effingham Co.							
Median	102+35.00		105+25.00	290.0	1160.0	65.0	-
Median	105+70.00		114+65.00	895.0	3580.0	145.0	10.0
NB side	114+35.00		118+35.00	400.0	800.0	30.0	-
SB Side	114+35.00		118+35.00	400.0	800.0	30.0	-
SB side	121+05.00		121+55.00	50.0	100.0	30.0	-
NB side	121+55.00		121+95.00	40.0	80.0	30.0	-
Median	122+35.00		125+35.00	300.0	1200.0	-	-
Median	125+35.00		128+35.00	300.0	1200.0	-	-
Median	128+35.00		130+35.00	200.0	800.0	-	-
Location 1 totals					9720	330	16
Location 2 IL 32 at IL 16 junction Shelby Co.							
SBL	+0.00		+50.00	50.0	50.0	-	-
SBL	+0.00		+50.00	50.0	50.0	-	-
NBL	+0.00		+50.00	50.0	50.0	100.0	12.0
NBL	+0.00		+50.00	50.0	50.0	-	18.0
Location 2 totals					200.0	100.0	30.0
Location 3 IL 32 north of IL 16 in Windsor Shelby Co.							
SBL	595+97.00		596+23.00	26.00	26.0	-	-
NBL	595+97.00		596+23.00	26.00	26.0	-	-
SBL	402+37.00		402+63.00	26.00	26.0	-	-
NBL	402+37.00		402+63.00	26.00	26.0	-	-
Location 3 totals					104.0	0.0	0.0
Location 4 IL 16 West of Windsor Shelby Co.							
WB	577+00.00		605+70.00	2870.00	2870.0	-	-
WB	671+40.00		676+60.00	520.00	520.0	-	-
EB	609+50.00		628+60.00	1910.00	1910.00	-	-
EB	616+20.00		618+20.00	200.00	200.0	-	-
Location 4 totals					5500.0	0.0	0.0

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* FAP 762, FAP 325, FAP 766

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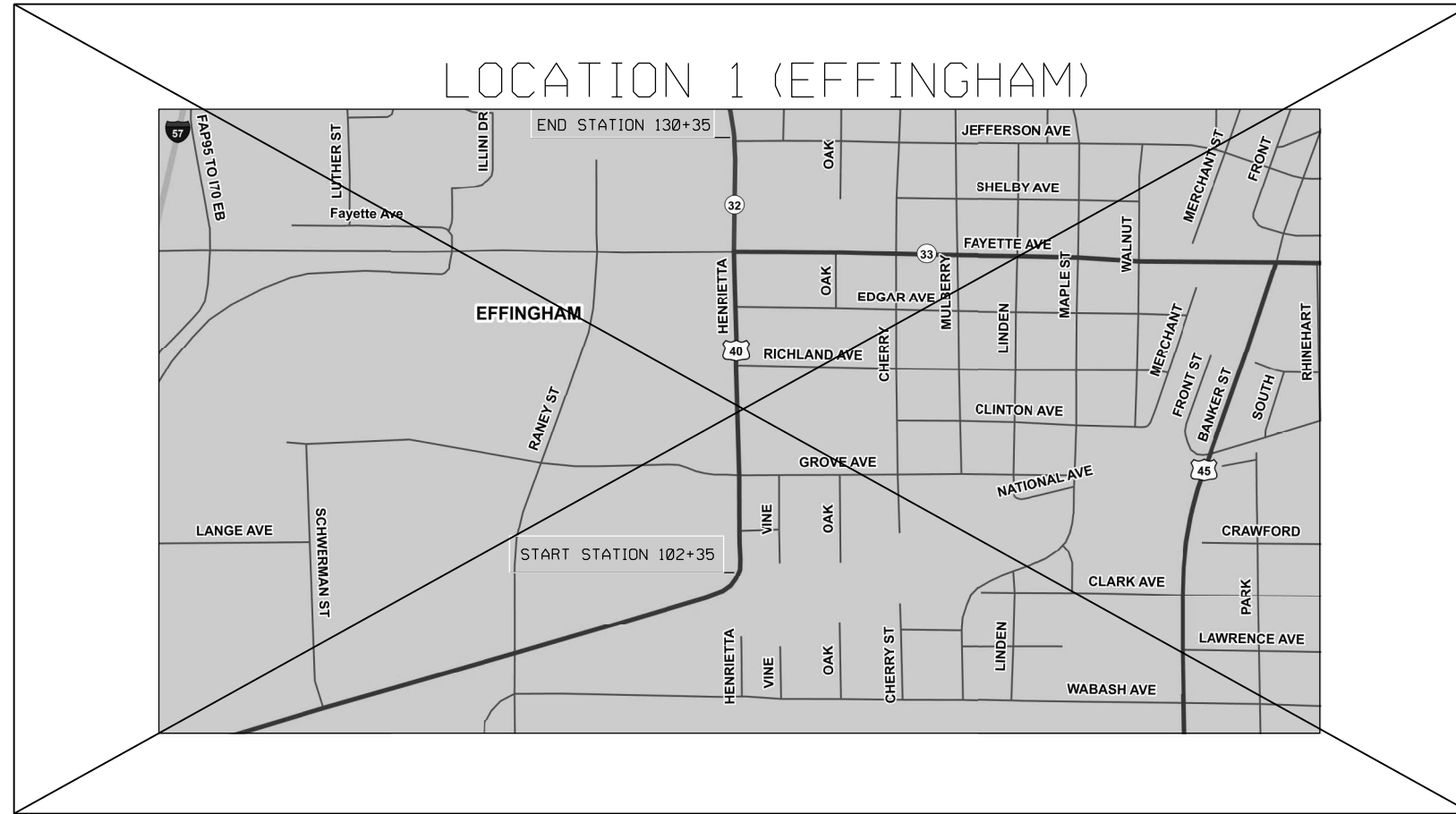
**STATE OF ILLINOIS
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SCHEDULES OF QUANTITIES

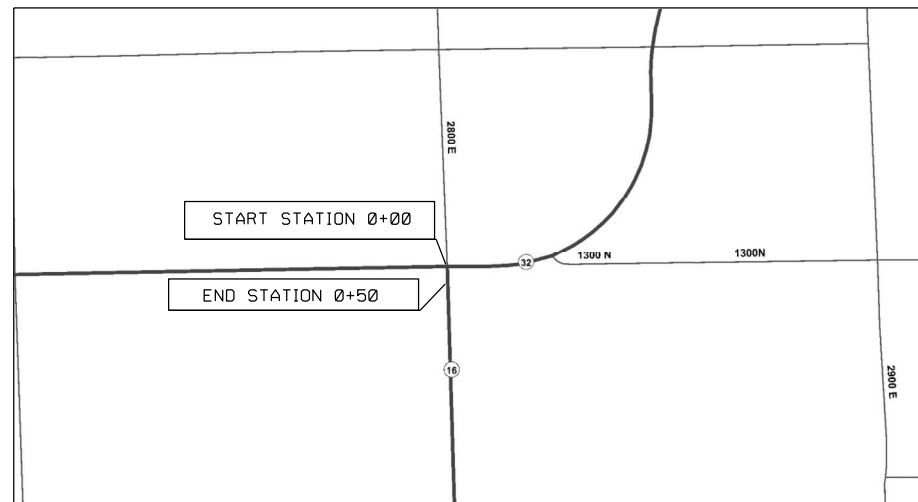
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D7 HMA RESURF 2021-2	SHELBY	17	10
CONTRACT NO. 74A36				
ILLINOIS		FED. AID PROJECT		

LOCATION 1 (EFFINGHAM)



LOCATION 2 (SHELBY COUNTY)



(SEE NEXT SHEET FOR LOCATION DETAILS)

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	DRAWN -	REVISED -
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**STATE OF ILLINOIS
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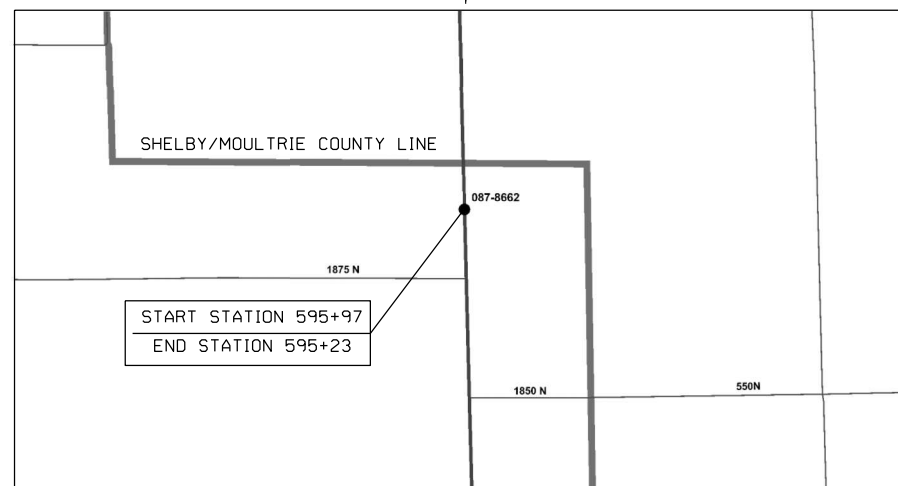
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* FAP 762, FAP 325, FAP 766

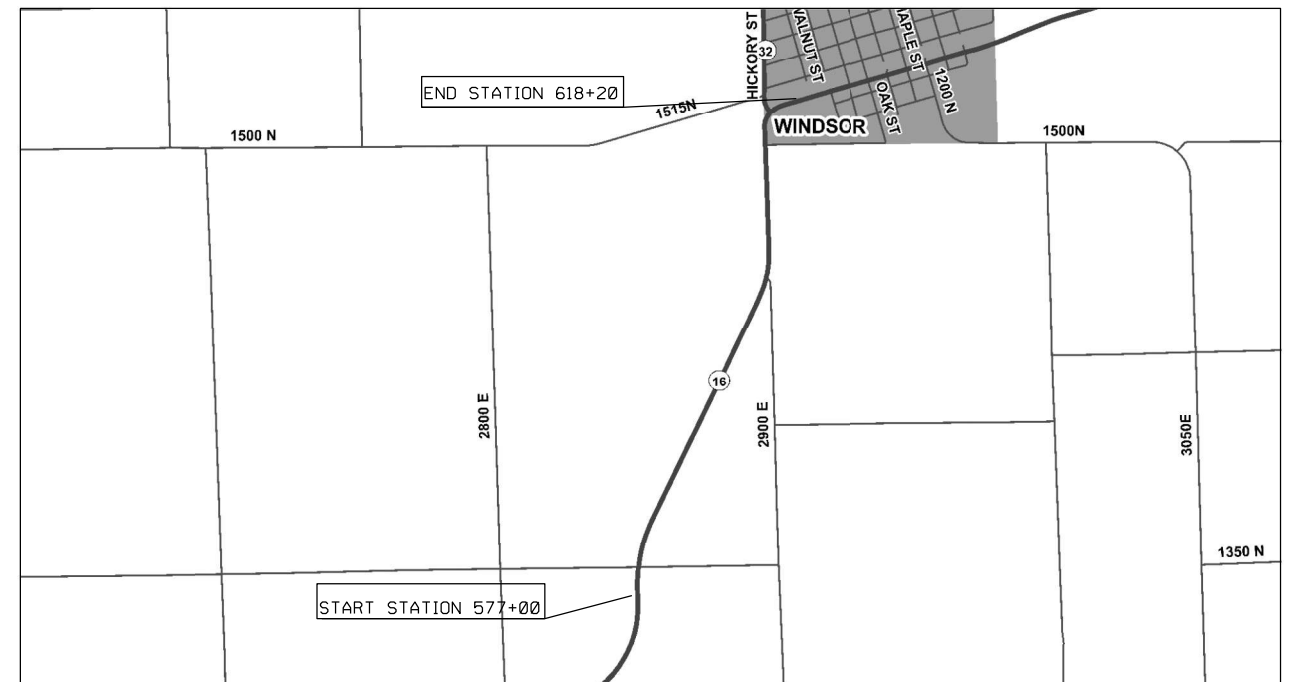
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D7 HMA RESURF 2021-2	SHELBY	17	11
CONTRACT NO. 74A36				
ILLINOIS		FED. AID PROJECT		



LOCATION 3



LOCATION 4



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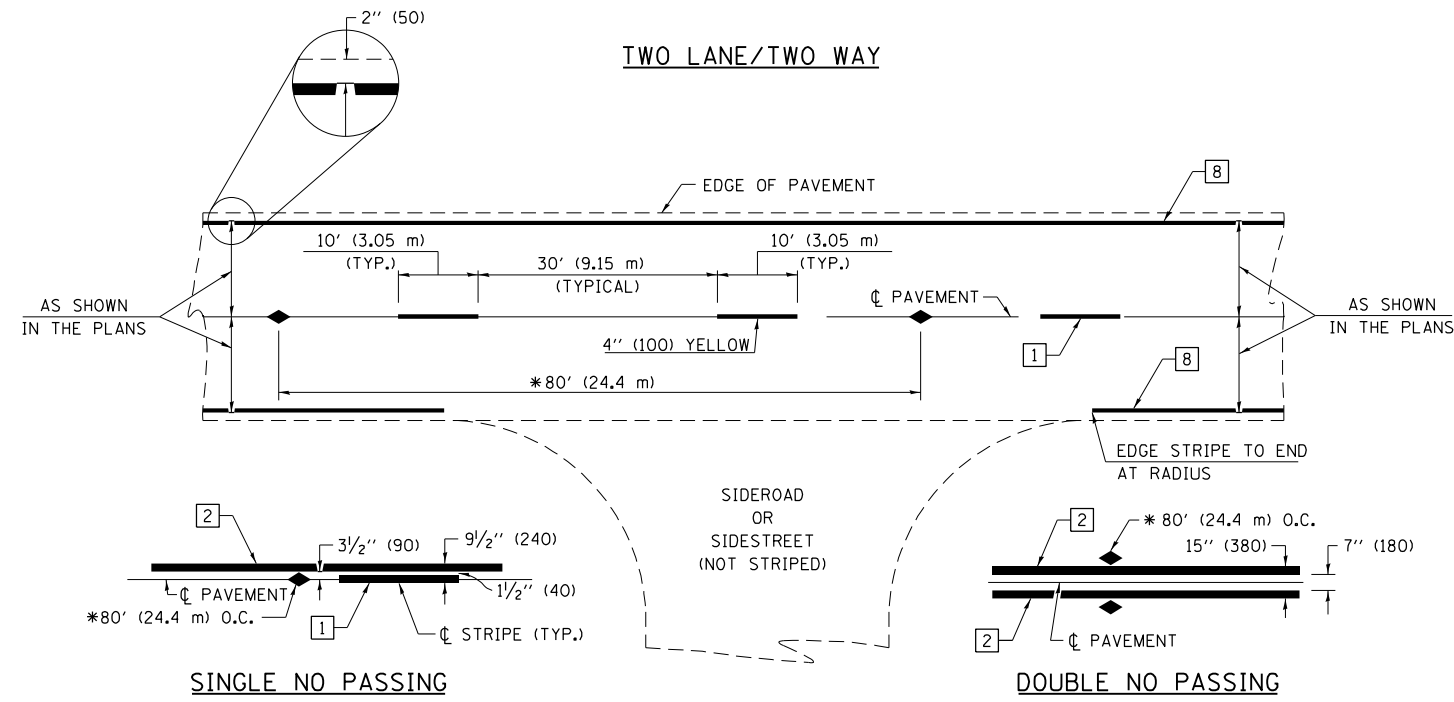
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	DRAWN -	REVISED -
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PLOT DATE = 5/10/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

* FAP 762, FAP 325, FAP 766

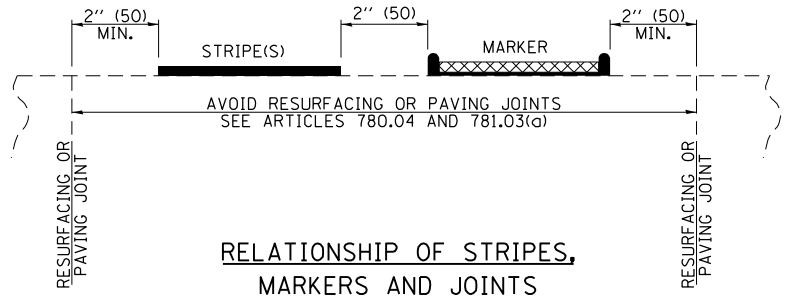
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D7 HMA RESURF 2021-2	SHELBY	17	13
CONTRACT NO. 74A36				
ILLINOIS FED. AID PROJECT				



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

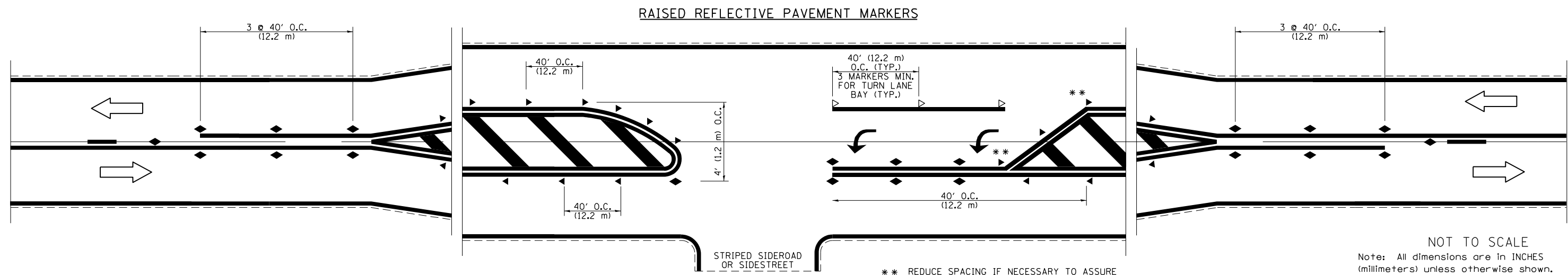
* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

TYPICAL PAVEMENT MARKERS LEGEND

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



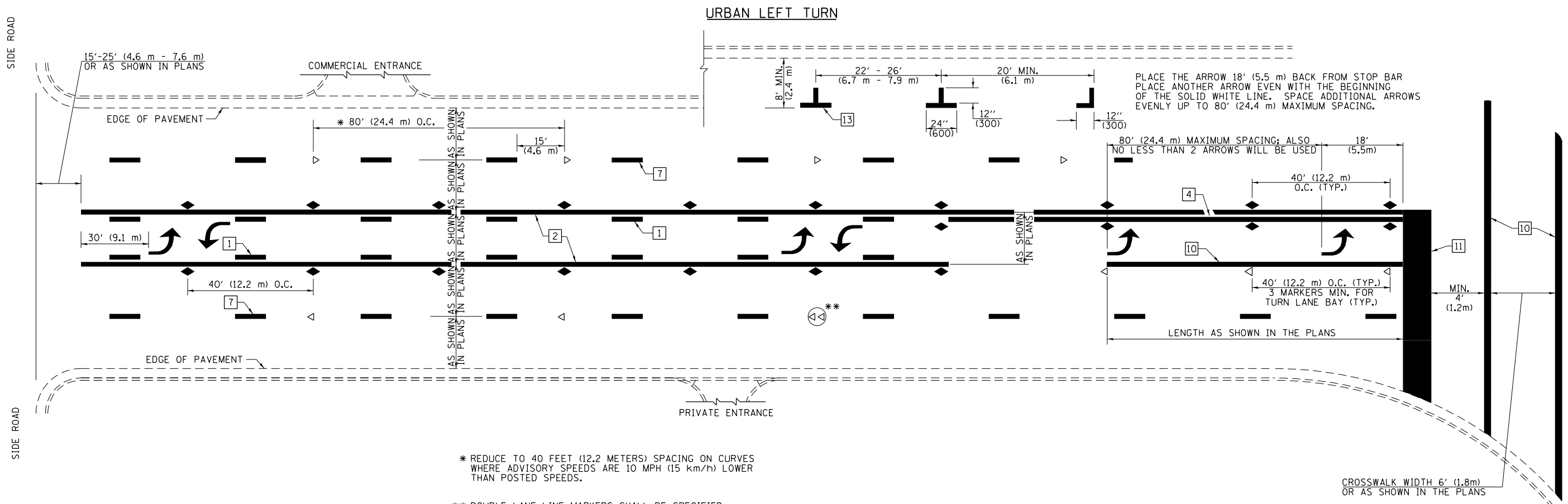
RAISED REFLECTIVE PAVEMENT MARKERS

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

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

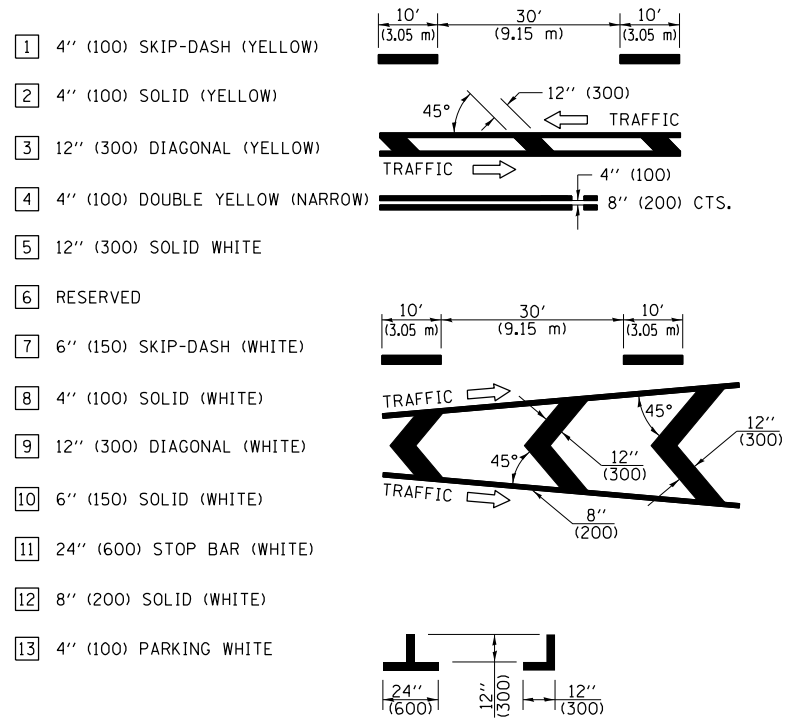
FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\plnroom.dot.illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74A36\DRAWN\CADsheets\0774A36-shd-details.dgn	DESIGNED -	REVISED -	•			D7 HMA RESURF 2021-2	SHELBY	17	14	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 74A36							
PLOT DATE = 5/10/2021	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO. 1 OF 4 SHEETS		STA. TO STA.		

DISTRICT 7 DETAIL NO. 78000001



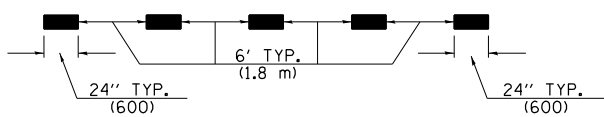
- * REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.
- ** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

PAVEMENT MARKING LEGEND

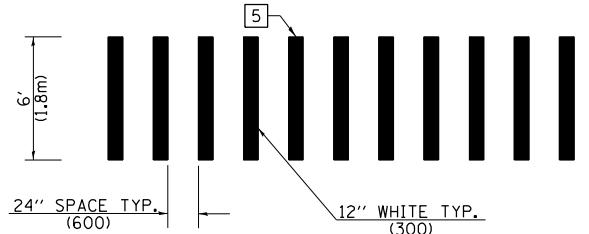


GENERAL NOTES

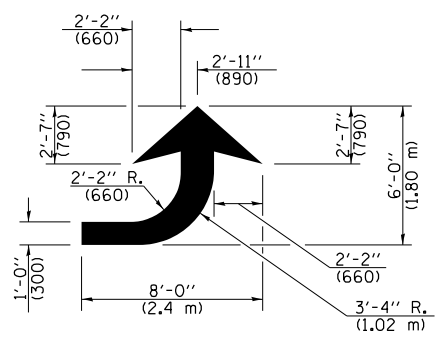
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT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



LANE LINE EXTENSIONS

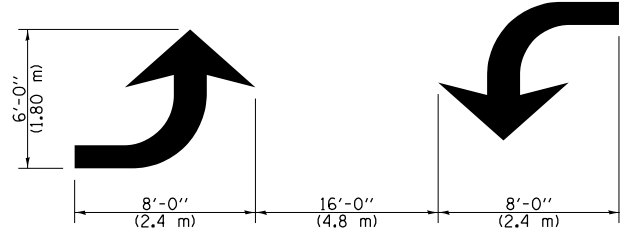


CROSSWALK DETAIL (DECATUR CITY LIMITS ONLY)



LEFT ARROW

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

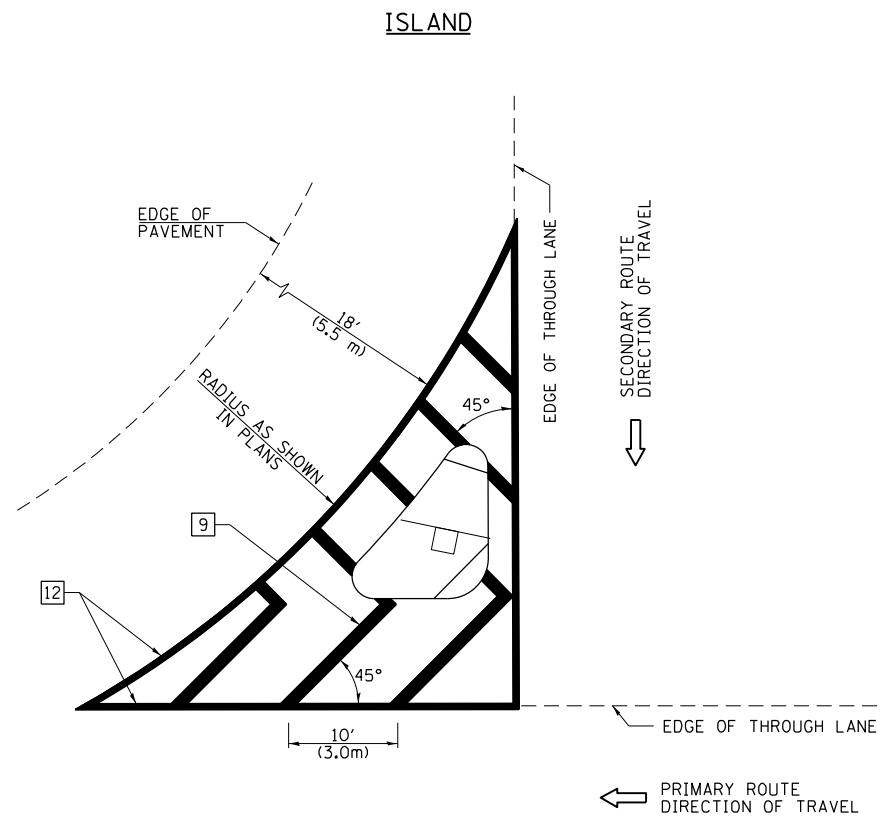


TYPICAL DOUBLE TURN ARROWS (WHITE)

NOT TO SCALE

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

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74A36\DRAWN\CADsheets\0774A36-shd-details.dgn	DESIGNED -	REVISED -	•			D7 HMA RESURF 2021-2	SHELBY	17	15	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 74A36							
PLOT DATE = 5/10/2021	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO. 2 OF 4 SHEETS		STA. TO STA.		

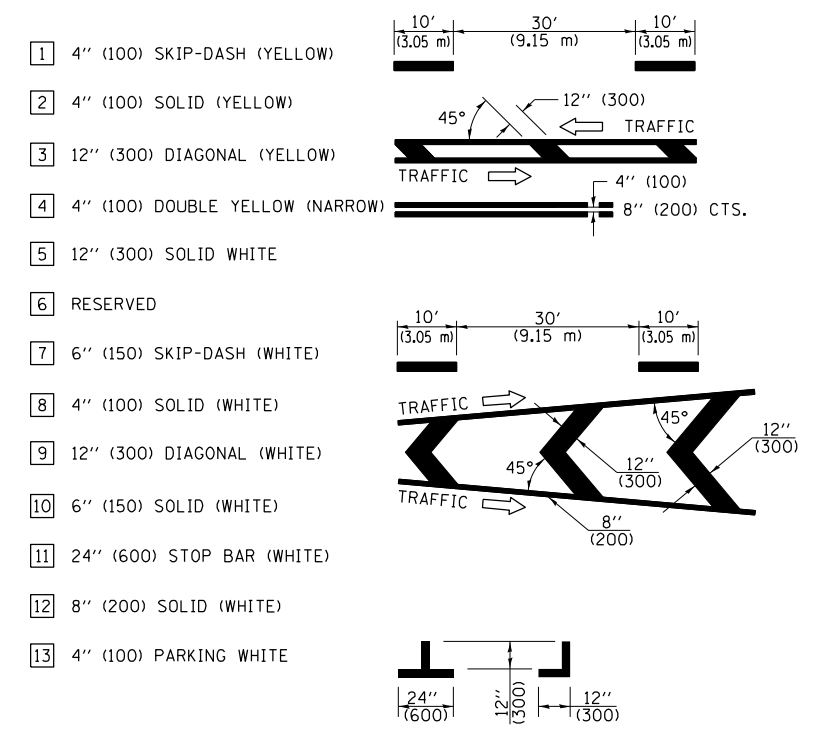


GENERAL NOTES

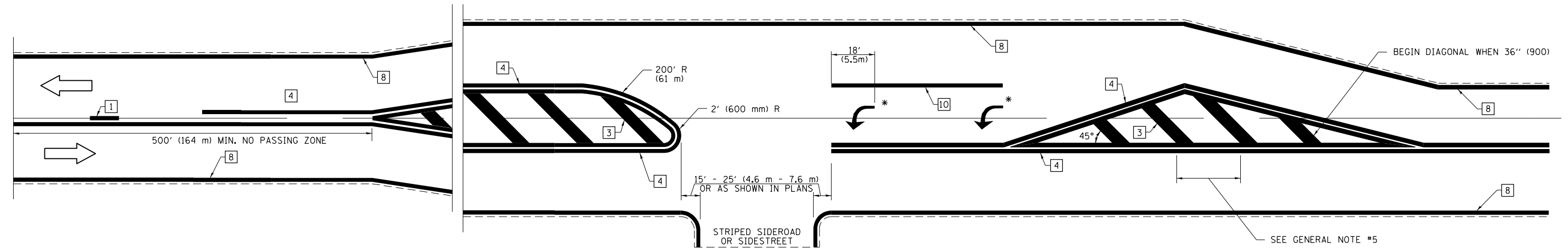
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING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

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

PAVEMENT MARKING LEGEND



RURAL LEFT TURN STRIPING



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

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\74A36\DRAWN\CADsheets\0774A36-shd-details.dgn		REVISIONS	REVISIONS
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	PLOT DATE = 5/10/2021	DATE -	REVISED -

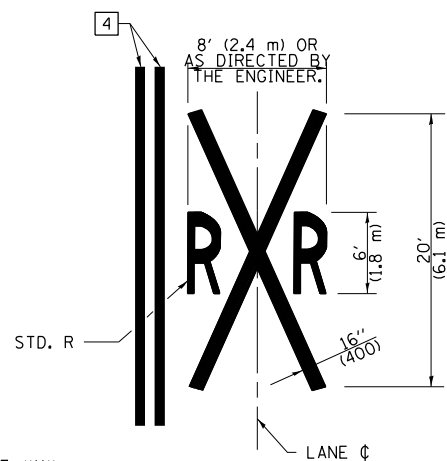
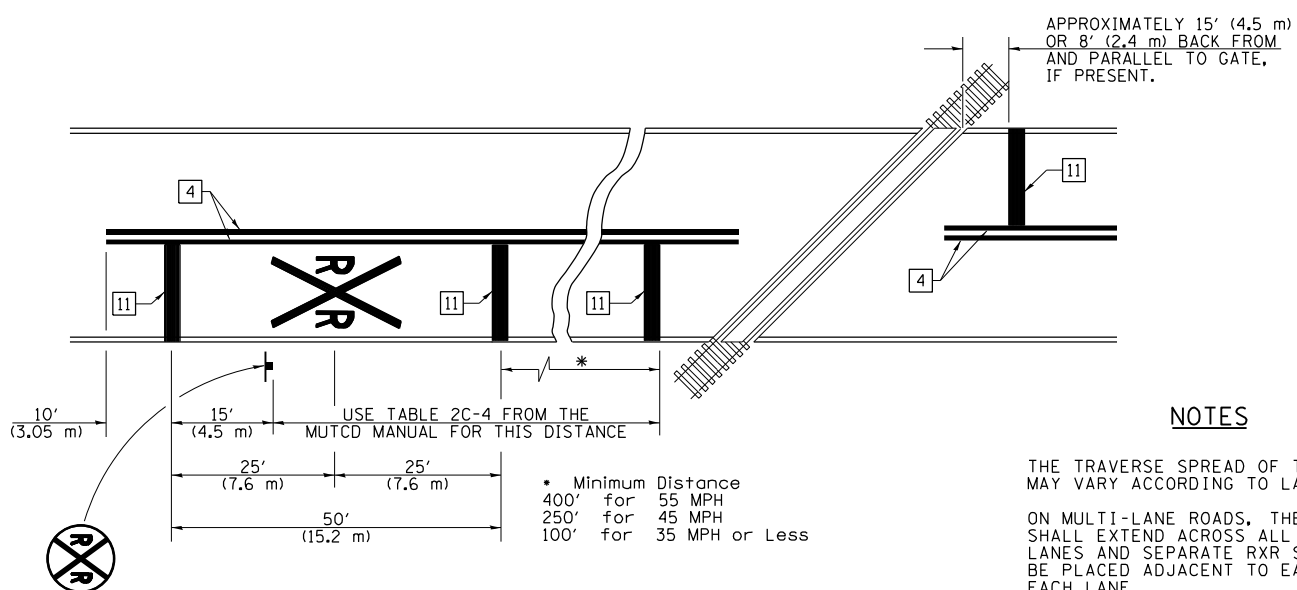
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D7 HMA RESURF 2021-2	SHELBY	17	16
				CONTRACT NO. 74A36
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

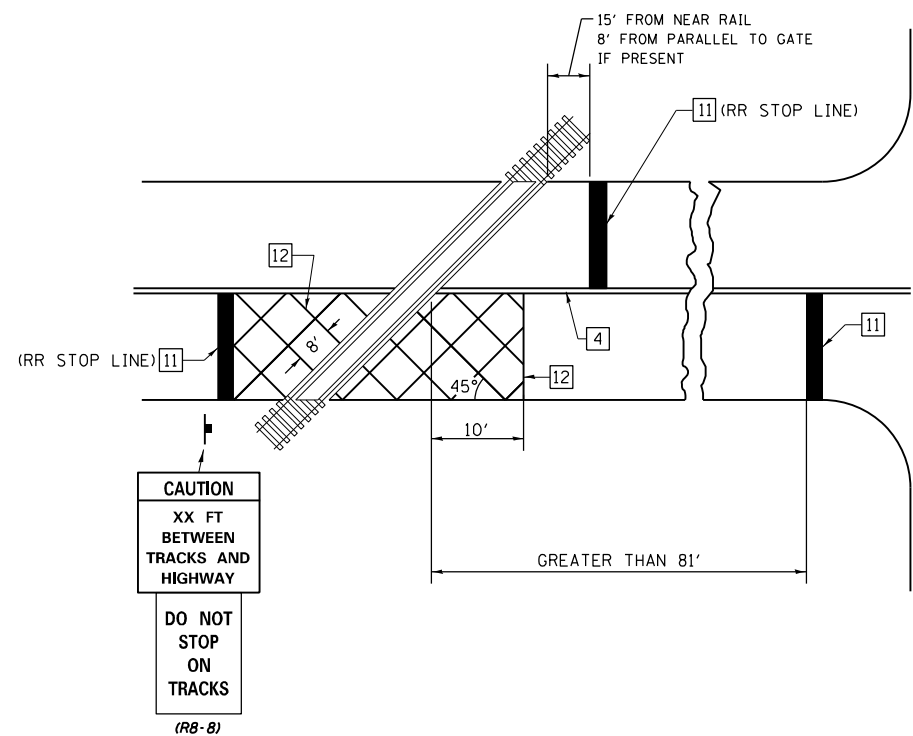
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

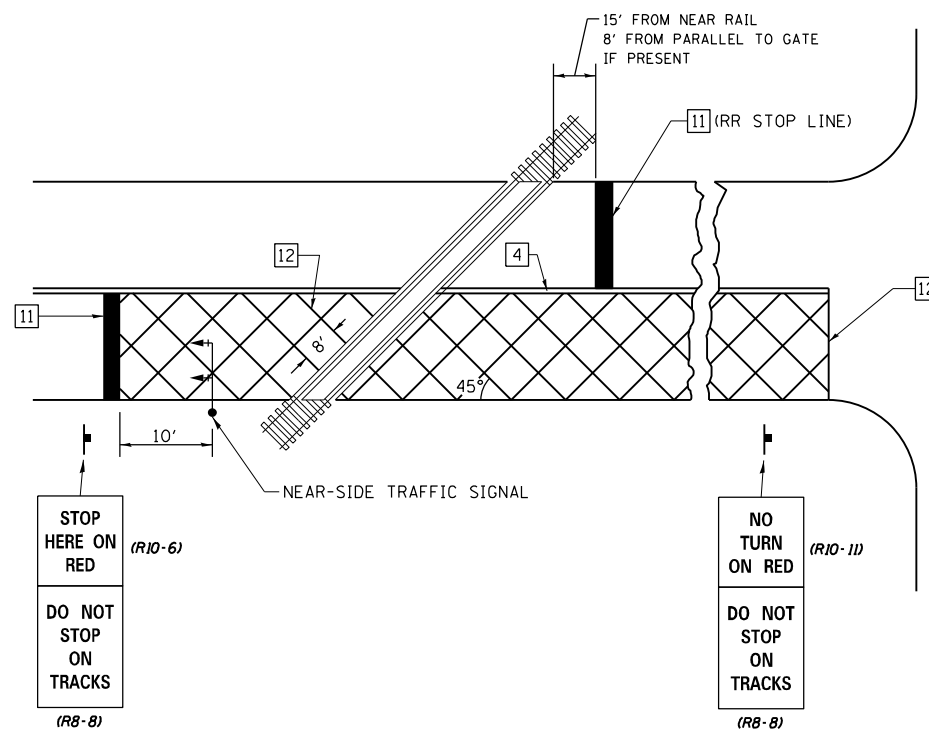
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
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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



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

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.

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)
pw:\planroom.dot.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74A36\DRAWING\CADsheets\0774A36-shd-details.dgn		REVISIONS -	REVISIONS -		
		CHECKED -	REVISIONS -		
		DATE -	REVISIONS -		
	PLOT SCALE = 40.0000' / in.			SCALE:	SHEET NO. 4 OF 4 SHEETS
	PLOT DATE = 5/10/2021				STA. TO STA.
ILLINOIS FED. AID PROJECT					