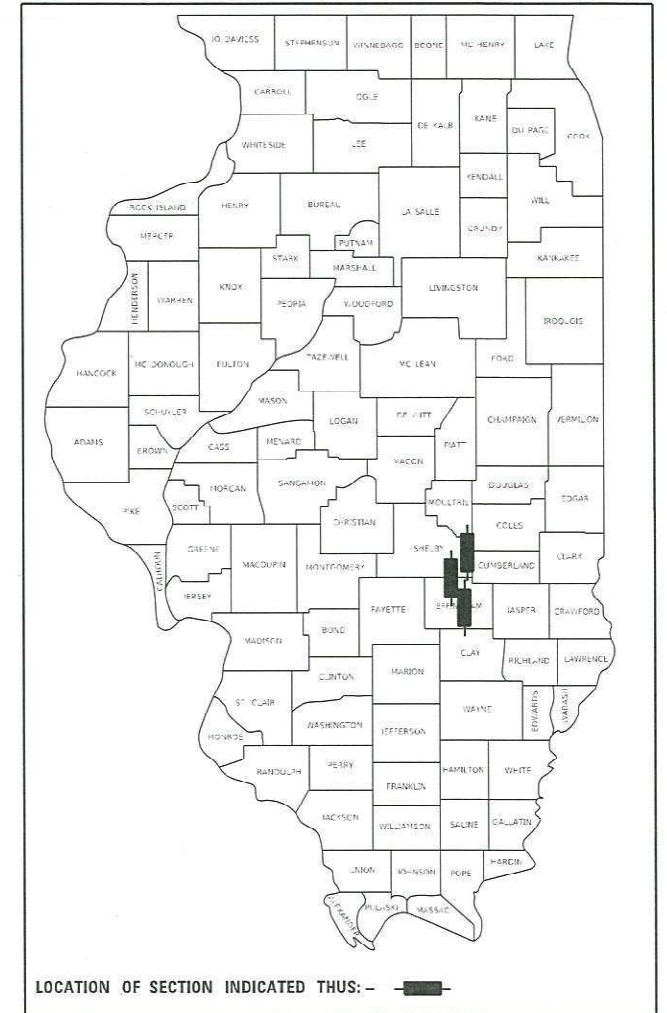


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 HMA RESURF 2021-1		18	1
ILLINOIS		CONTRACT NO. 74A36		

•• EFFINGHAM, SHELBY

D-97-067-21



FOR INDEX OF SHEETS, SEE SHEET NO. 2

LOCATION 1 ADT (2019) = 7,800

LOCATION 2 ADT (2019) = 1,750

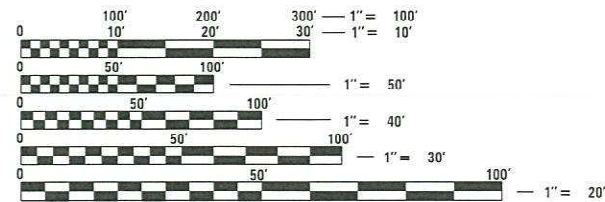
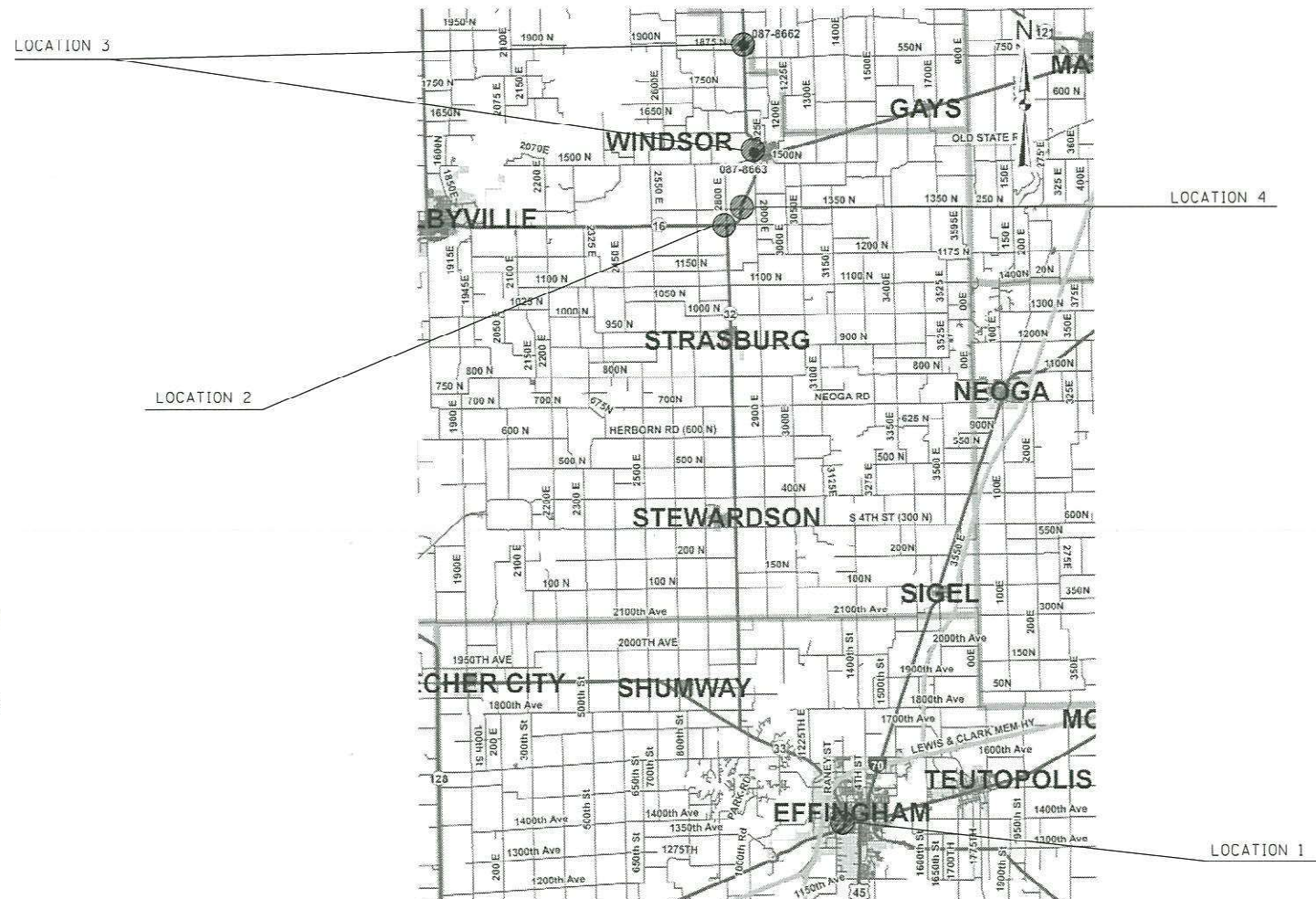
LOCATION 3 ADT (2019) = 1,450

LOCATION 4 ADT (2019) = 2,250

PROPOSED HIGHWAY PLANS

ROUTE VARIOUS
SECTION D7 HMA RESURF 2021-2
PROJECT N/A
PARTIAL WIDTH RESURFACING
EFFINGHAM, SHELBY COUNTY

C-97-120-21



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 = 8,236.80 FT. = 1.56 MILE
NET LENGTH = 8,236.80 FT. = 1.56 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 8 2021
Jeffrey P. M...
REGIONAL ENGINEER

March 19, 2021
Scott A. E...
ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2021
James J. ...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
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
4-8	TYPICAL CROSS SECTIONS
10	SCHEDULE OF QUANTITIES
11	LOCATION DETAILS
12-13	LOCATION MAPS
14-17	PAVEMENT MARKING DETAILS
18	PARTIAL DEPTH PATCHING DETAILS

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>
000001-0B	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN IN AND OF A FOOT
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
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40MPH
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701901-08	TRAFFIC CONTROL DEVICES

GENERAL NOTES

THIS WORK INCLUDED IN THIS SECTION CONSISTS OF 1.56 MILES OF PARTIAL WIDTH RESURFACING LOCATED IN EFFINGHAM AND SHELBY COUNTY.

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

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

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

REV. - MS

* FAU 8363, FAP 774, FAP 762, FAP 325, FAP 766

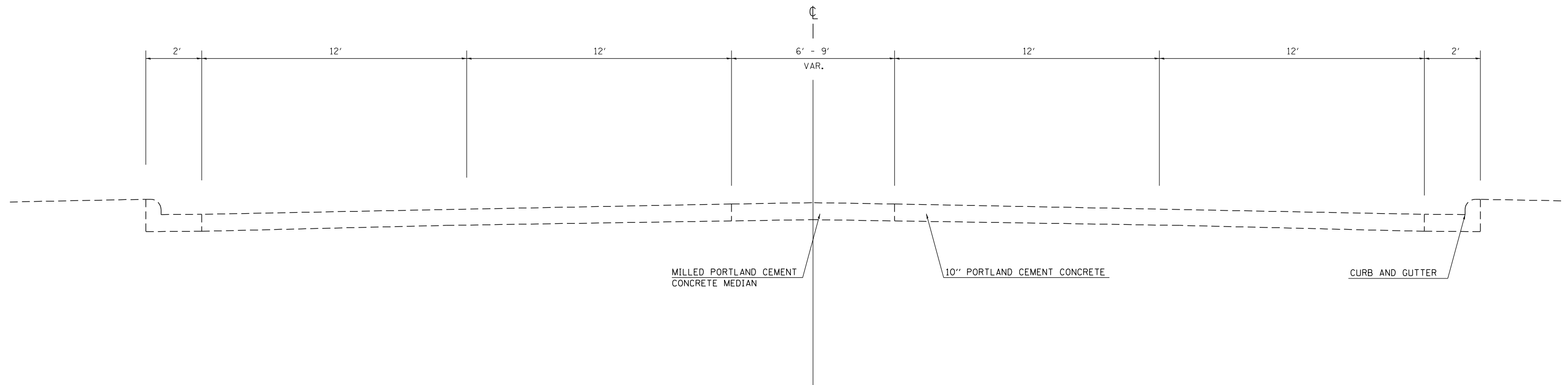
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PLOT DATE = 2/9/2021	CHECKED -	REVISED +			CONTRACT NO. 74A36					
	DATE -	REVISED +			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

** EFFINGHAM, SHELBY

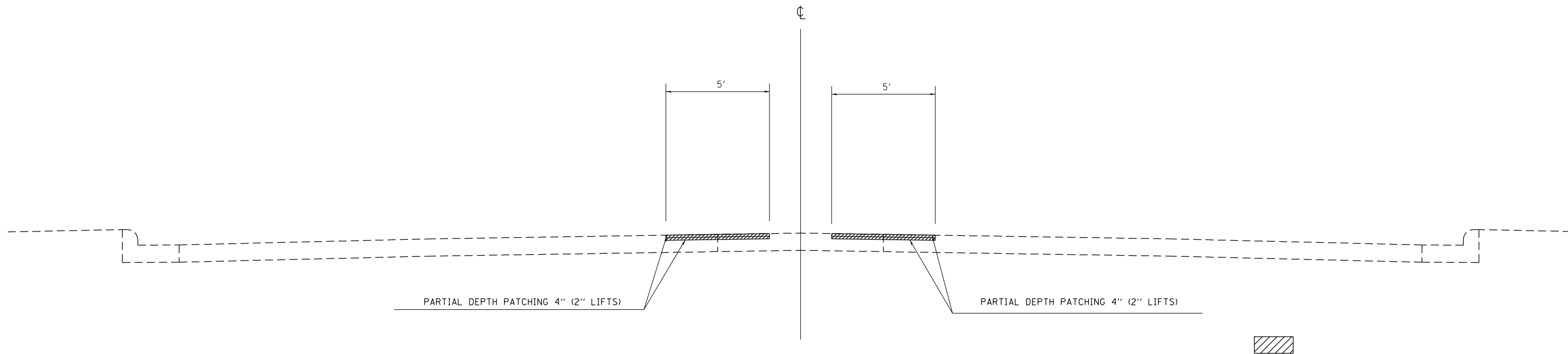
① EXISTING TYPICAL CROSS SECTION

STA. 114+35 TO STA. 121+95



① PROPOSED TYPICAL CROSS SECTION

STA. 114+35 TO STA. 121+95



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PLOT DATE = 2/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS LOCATION 1

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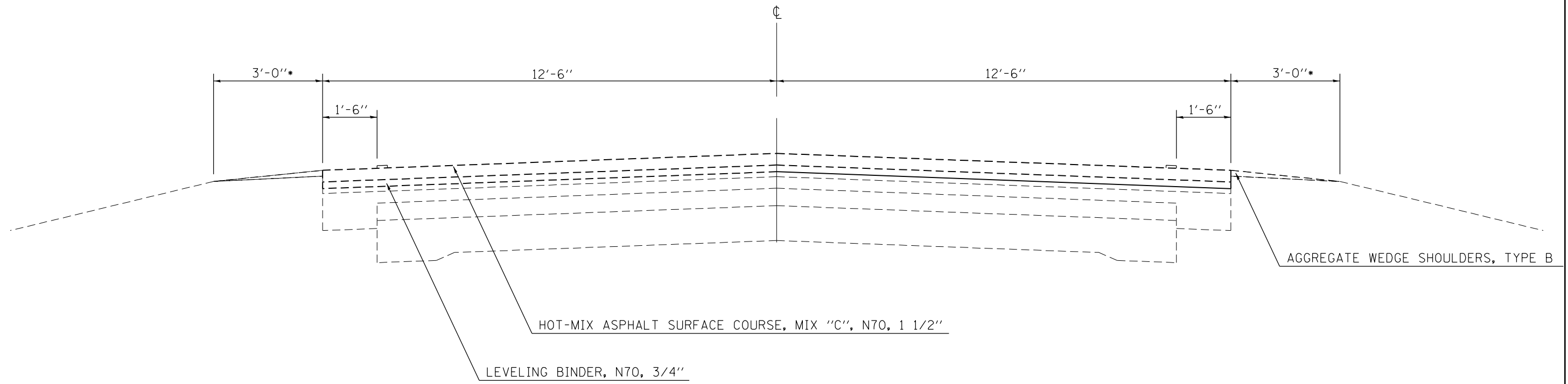
* FAU 8363, FAP 774, FAP 762, FAP 325, FAP 766

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D7 HMA RESURF 2021-2	**	18	5
CONTRACT NO. 74A36				

ILLINOIS FED. AID PROJECT **EFFINGHAM, SHELBY

② EXISTING TYPICAL CROSS SECTION

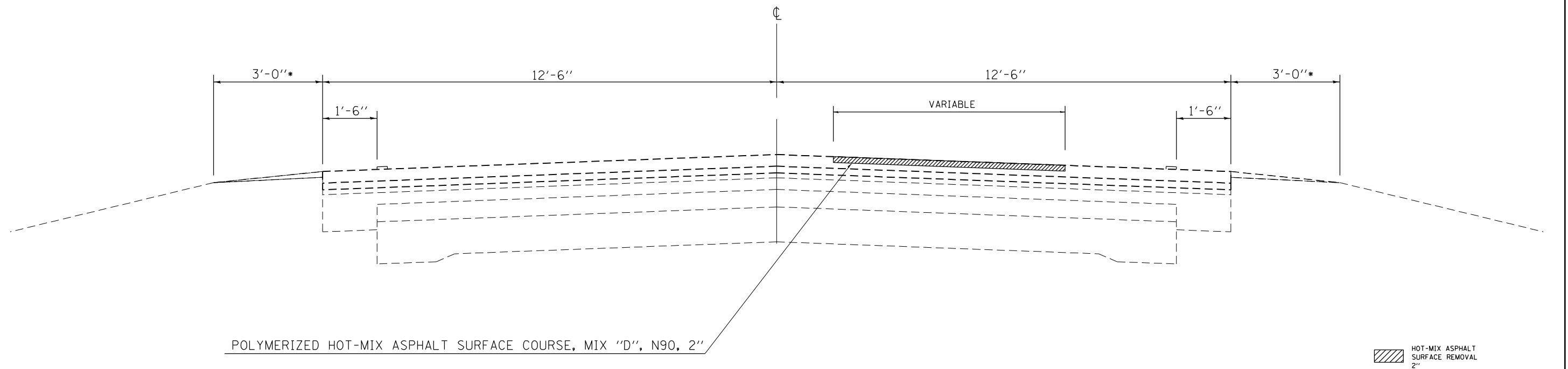
STA. 0+00 TO STA. 0+50



② PROPOSED TYPICAL CROSS SECTION

STA. 0+00 TO STA. 0+50

*SEE SHEET 11 FOR LOCATIONS FOR HMA SURFACE REMOVAL



HOT-MIX ASPHALT SURFACE REMOVAL 2"

* FAU 8363, FAP 774, FAP 762, FAP 325, FAP 766

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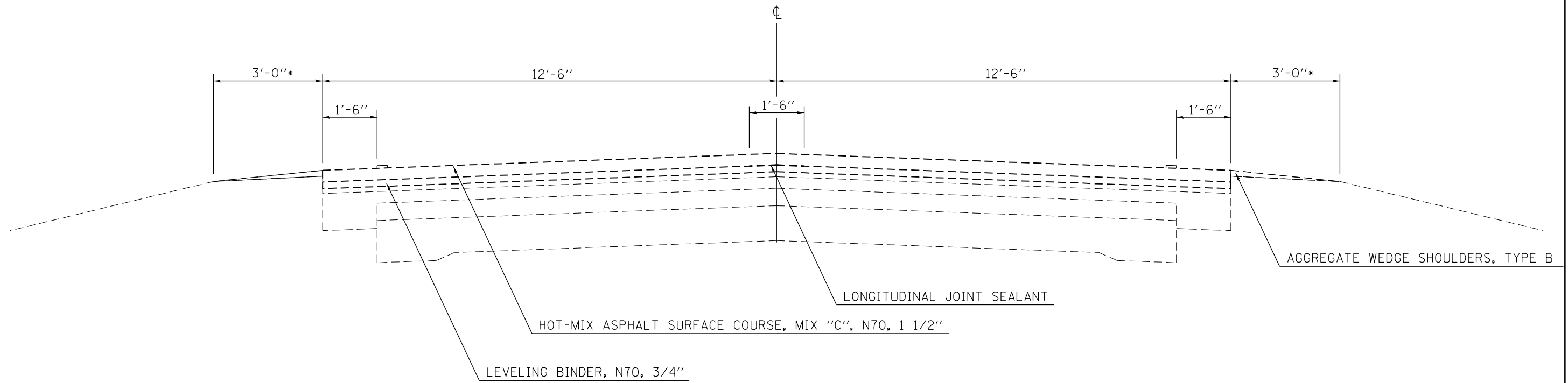
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D7 HMA RESURF 2021-1	**	18	6
CONTRACT NO. 74A36				
ILLINOIS FED. AID PROJECT				

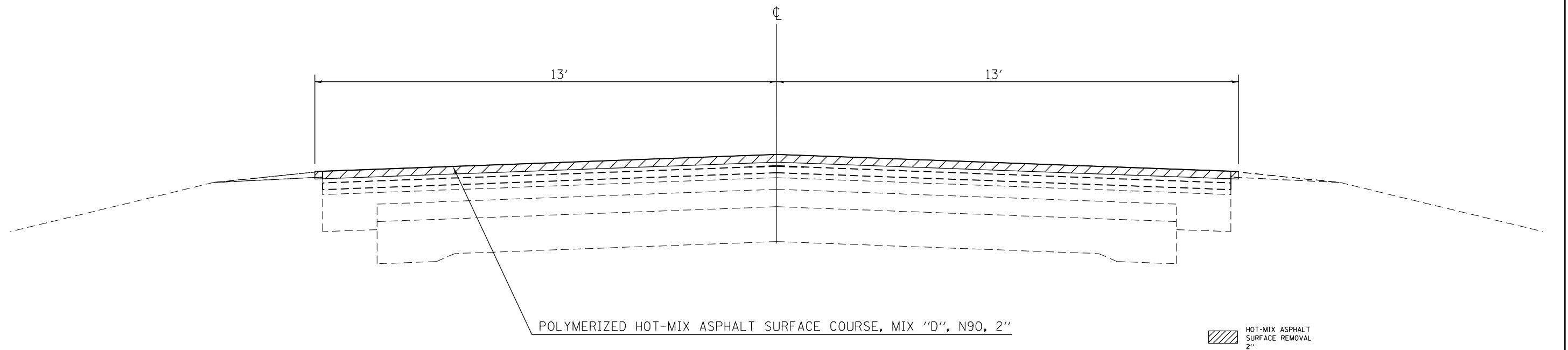
③ EXISTING TYPICAL CROSS SECTION

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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* FAU 8363, FAP 774, FAP 762, FAP 325, FAP 766

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PLOT DATE = 2/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS LOCATION 3

SCALE: SHEET OF SHEETS STA. TO STA.

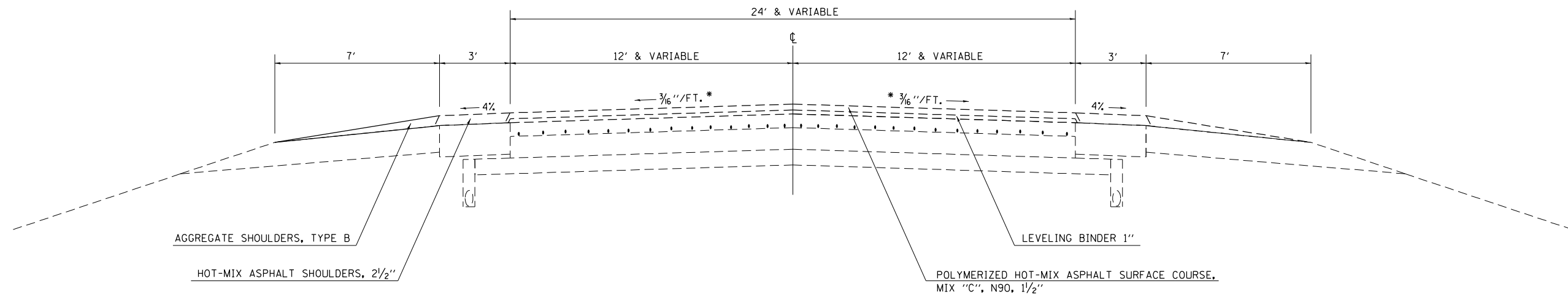
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D7 HMA RESURF 2021-1	**	18	7
CONTRACT NO. 74A36				

ILLINOIS FED. AID PROJECT

EFFINGHAM, SHELBY

4 EXISTING TYPICAL CROSS SECTION

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

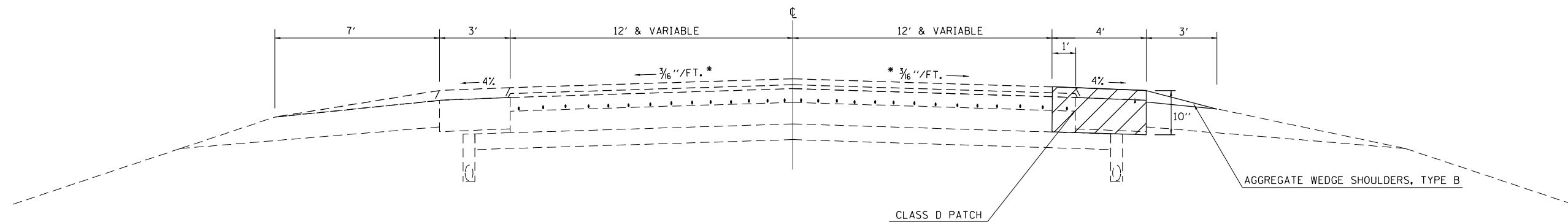


* MATCH EXISTING SUPERELEVATIONS IN CURVES

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

* FAU 8363, FAP 774, FAP 762, FAP 325, FAP 766

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PLOT DATE = 2/9/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS LOCATION 4

SCALE: SHEET OF SHEETS STA. TO STA.

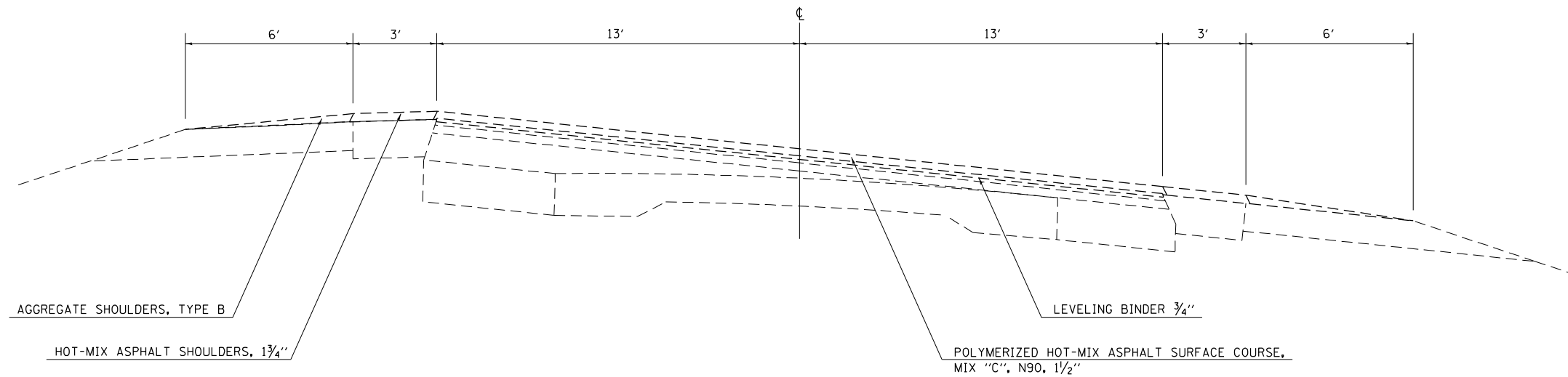
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*	D7 HMA RESURF 2021-2	**	18	8
CONTRACT NO. 74A36				

ILLINOIS FED. AID PROJECT

**EFFINGHAM, SHELBY

4 EXISTING TYPICAL CROSS SECTION

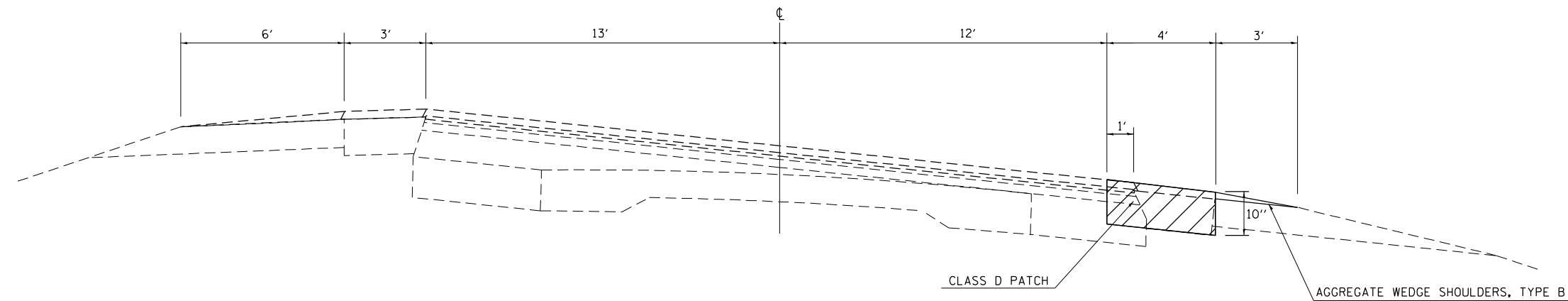
STA. 609+50 TO STA. 628+60
STA. 616+20 TO STA. 618+20



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

* FAU 8363, FAP 774, FAP 762, FAP 325, FAP 766

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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	**	18	9
CONTRACT NO. 74A36				

ILLINOIS FED. AID PROJECT

**EFFINGHAM, SHELBY

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

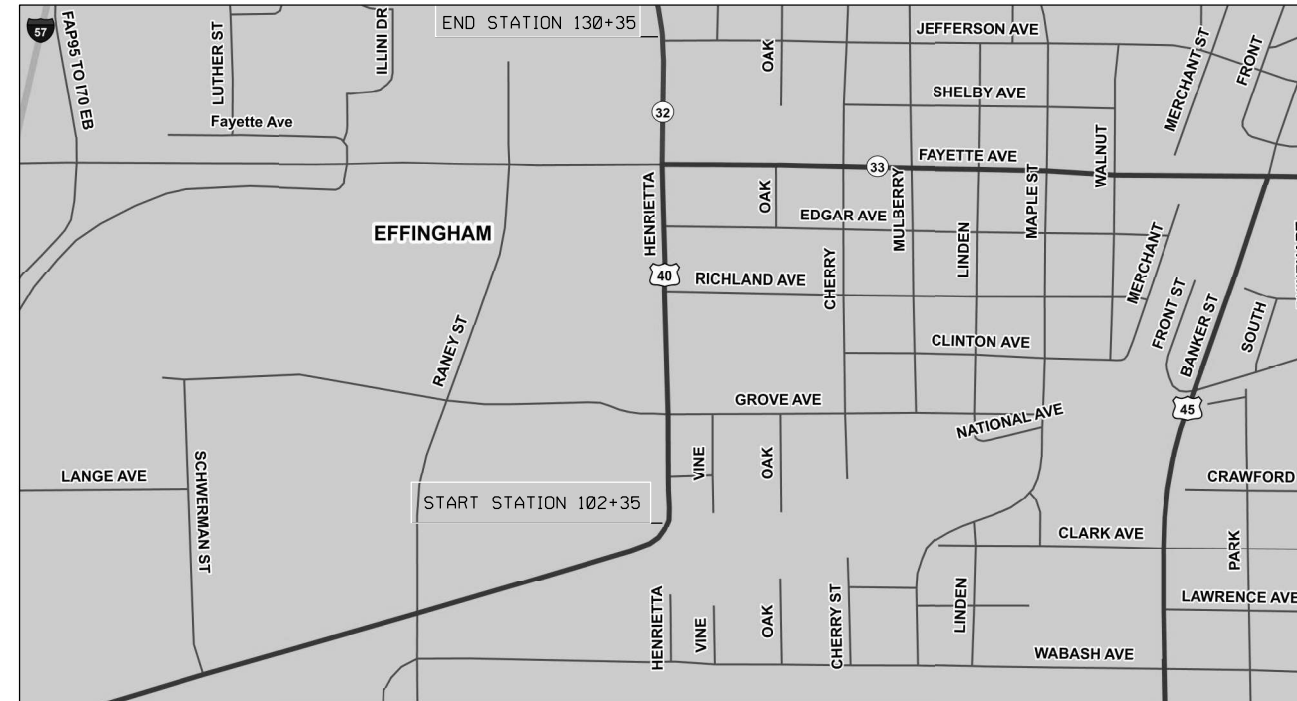
PAVEMENT MARKING SCHEDULE									
LANE	STATION	TO	STATION	LENGTH (FOOT)	MODIFIED URETHANE PAVEMENT MARKING 4"	MODIFIED URETHANE PAVEMENT MARKING 6"	MODIFIED URETHANE PAVEMENT MARKING 24"		
					FOOT	FOOT	FOOT		
Location 1 Henrietta st. curve to Jefferson Ave Effingham Co.									
Median	102+35.00		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	10		
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	1910.0	-	-		
EB	616+20.00		618+20.00	200.00	200.0	-	-		
Location 4 totals					5500.0	0.0	0.0		

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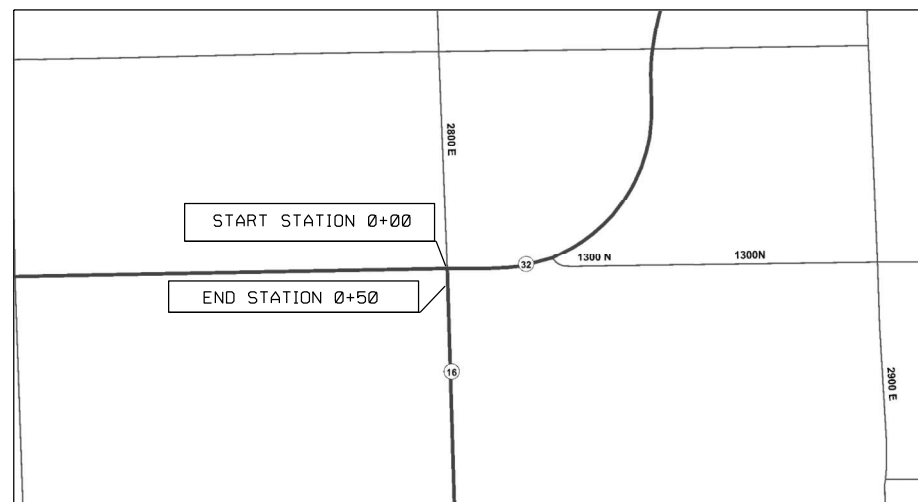
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				SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 74A36 ILLINOIS FED. AID PROJECT			

* FAU 8363, FAP 774, FAP 762, FAP 325, FAP 766

LOCATION 1 (EFFINGHAM)



LOCATION 2 (SHELBY COUNTY)



(SEE NEXT SHEET FOR LOCATION DETAILS)

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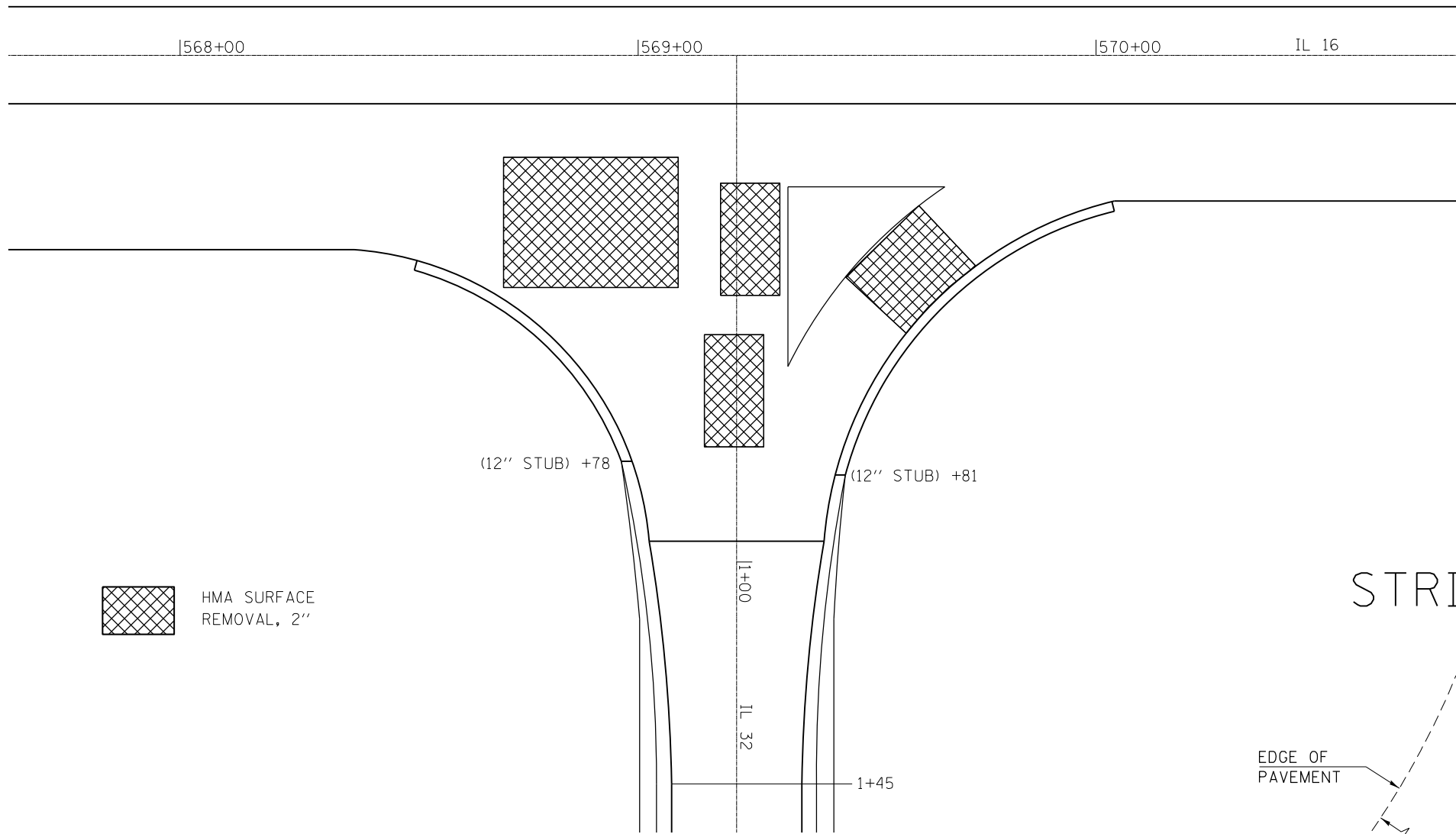
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

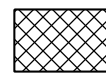
LOCATION MAPS

SCALE: SHEET OF SHEETS STA. TO STA.

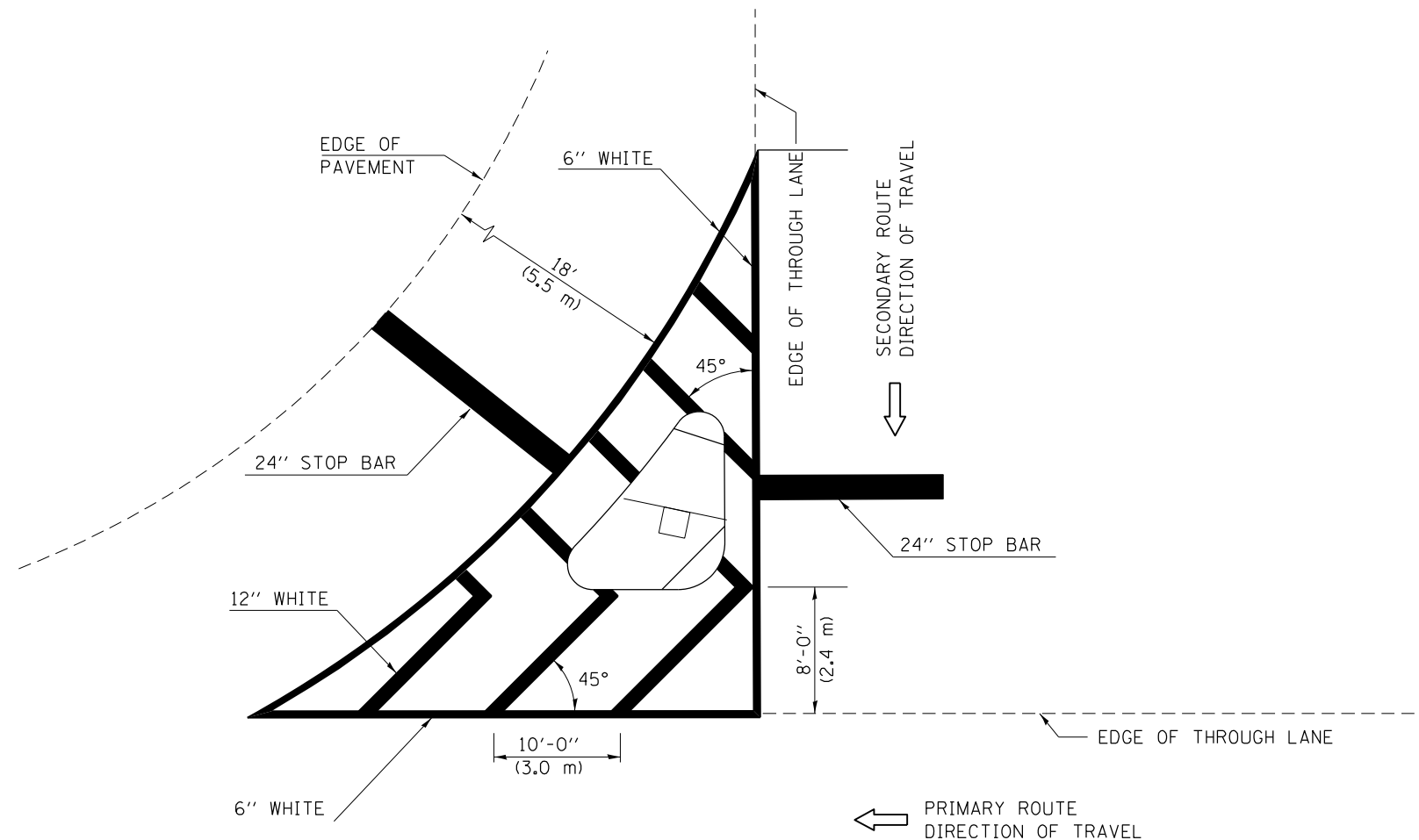
*FAU 8363, FAP 774, FAP 762, FAP 325, FAP 766

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D7 HMA RESURF 2021-2	**	18	11
CONTRACT NO. 74A36				
		ILLINOIS	FED. AID PROJECT	



 HMA SURFACE REMOVAL, 2"

STRIPING DETAIL



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PLOT DATE = 2/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 2 DETAILS

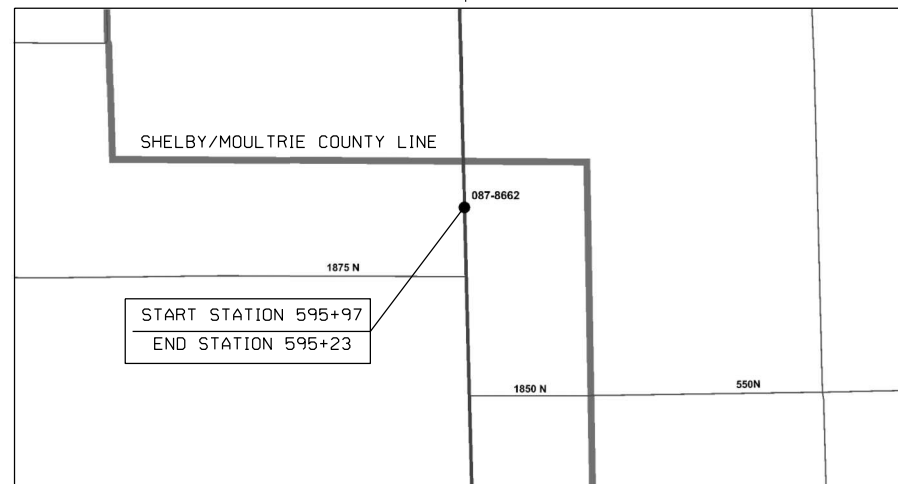
SCALE: SHEET OF SHEETS STA. TO STA.

* FAU 8363, FAP774, FAP 762, FAP 325, FAP 766				
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-	D7 HMA RESURF 2021-1	**	18	12
			CONTRACT NO. 74A36	
		ILLINOIS FED. AID PROJECT		

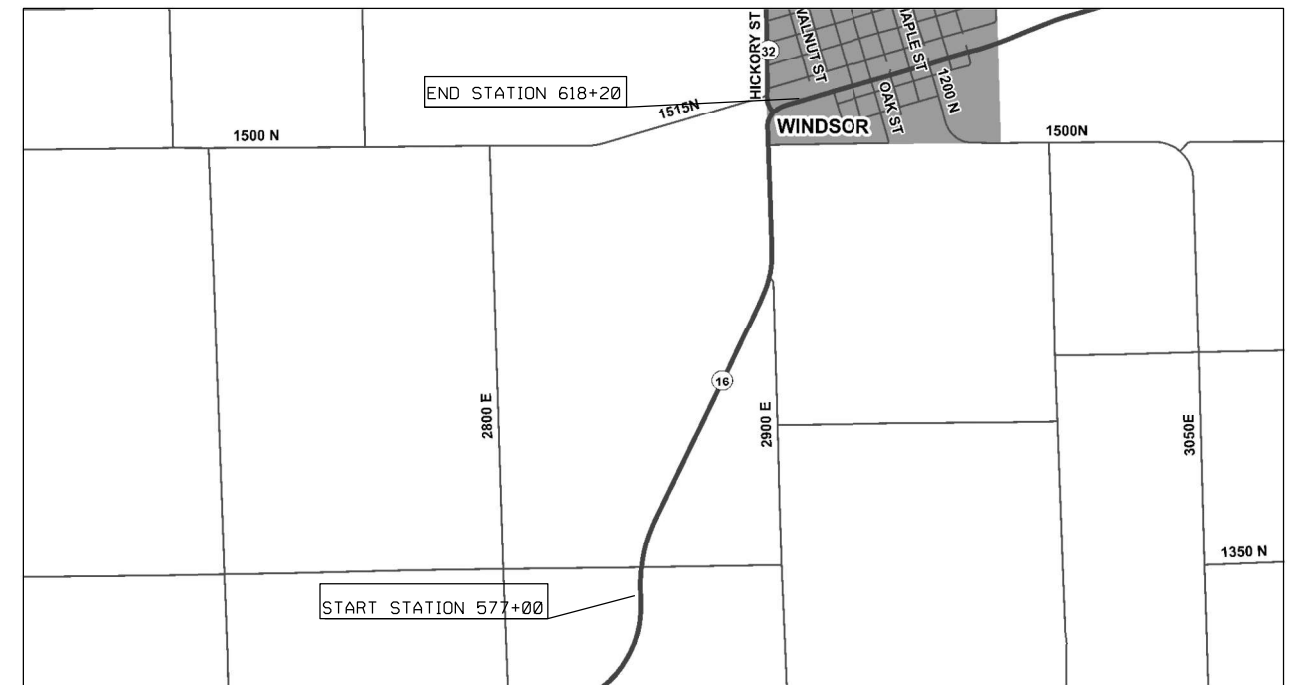
** EFFINGHAM, SHELBY



LOCATION 3



LOCATION 4



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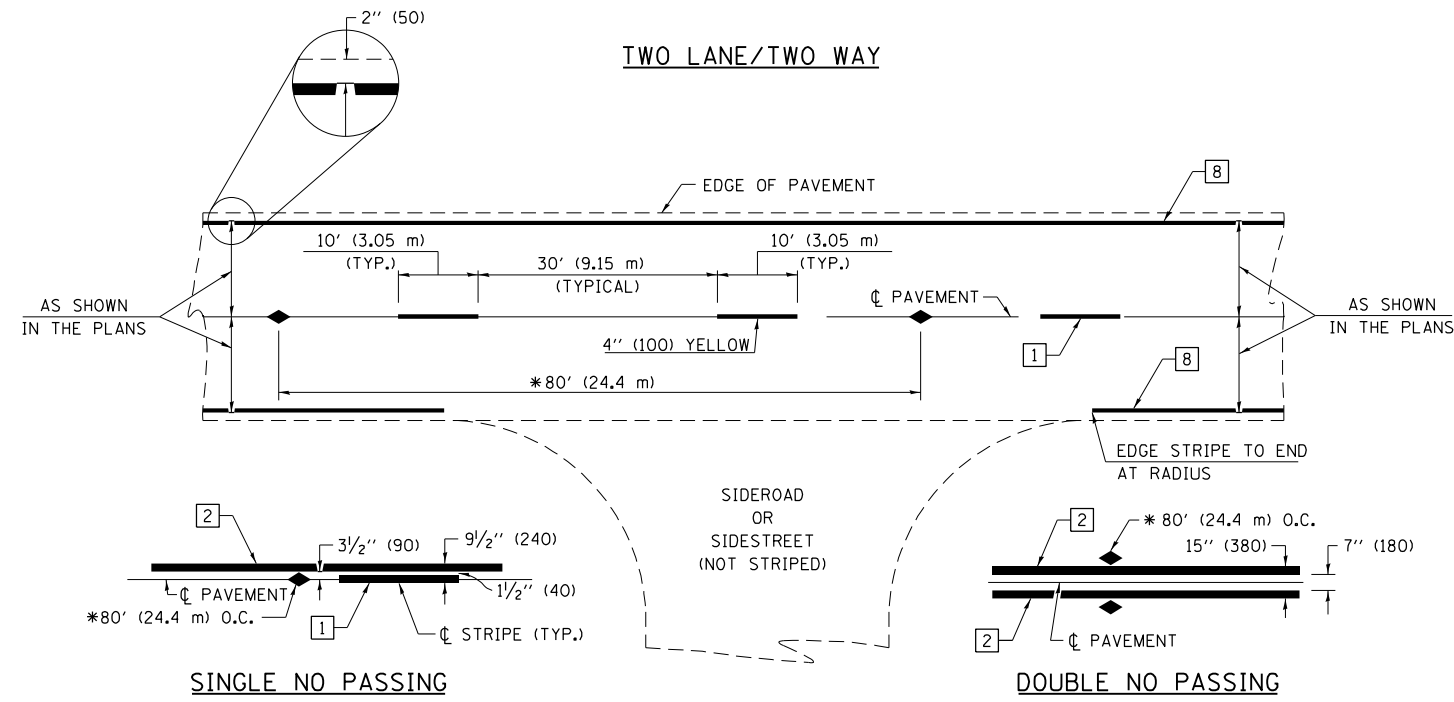
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAPS

SCALE: SHEET OF SHEETS STA. TO STA.

*FAU 8363, FAP 774, FAP 762, FAP 325, FAP 766				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D7 HMA RESURF 2021-2	**	18	13
			CONTRACT NO. 74A36	
		ILLINOIS	FED. AID PROJECT	

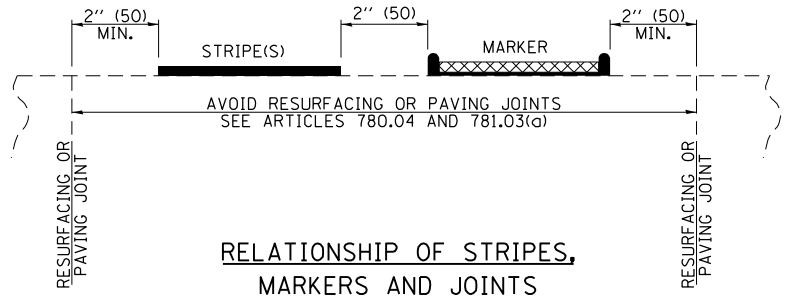
**EFFINGHAM, SHELBY



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

PAVEMENT MARKING LEGEND

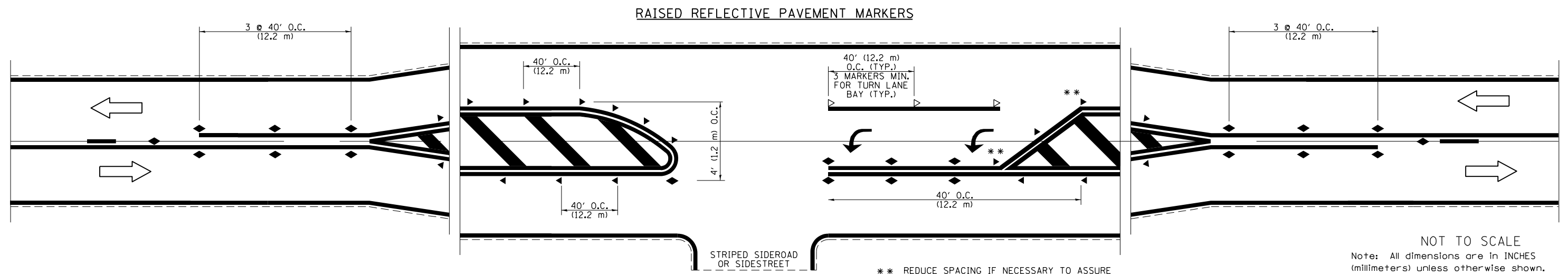
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

TYPICAL PAVEMENT MARKERS LEGEND

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



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

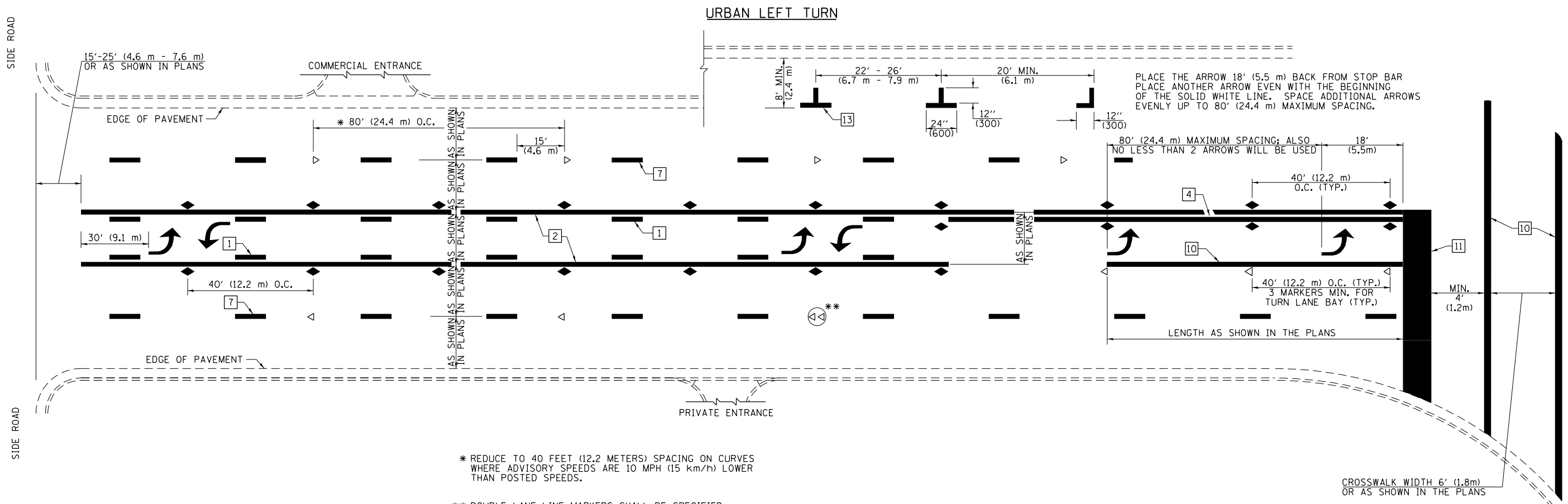
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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

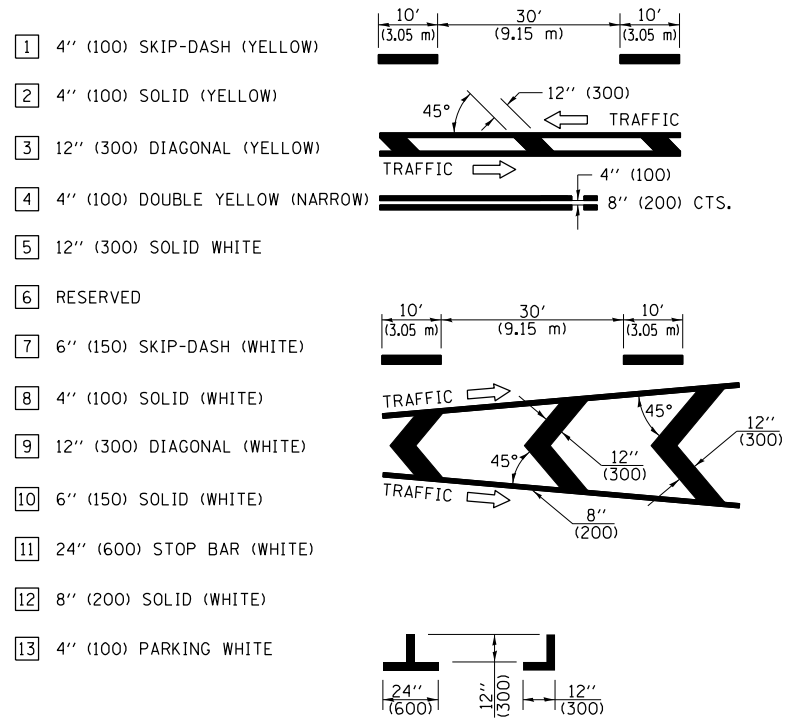
DISTRICT 7 DETAIL NO. 7800001				
*FAU 8363, FAP 774, FAP 762, FAP 325, FAP 766				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 HMA RESURF 2021-2	**	18	14
			CONTRACT NO. 74A36	
ILLINOIS FED. AID PROJECT				

EFFINGHAM, SHELBY



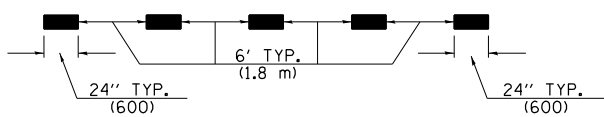
- * REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.
- ** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

PAVEMENT MARKING LEGEND

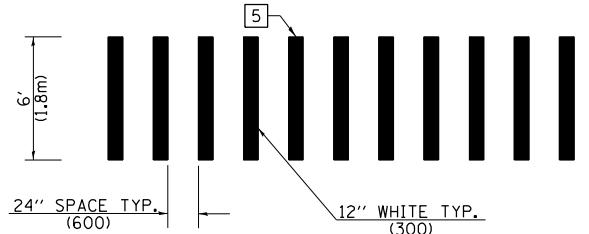


GENERAL NOTES

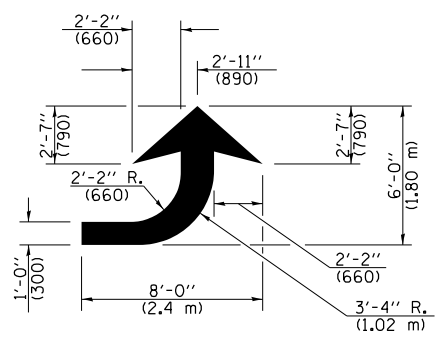
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT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

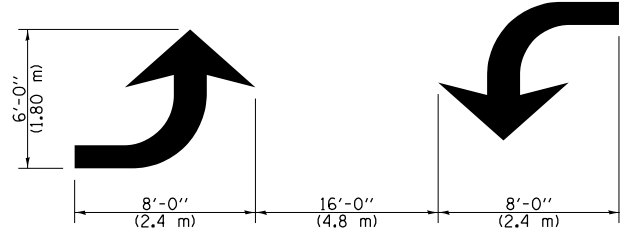


CROSSWALK DETAIL (DECATUR CITY LIMITS ONLY)



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.

DISTRICT 7 DETAIL NO. 78000001
*FAU 8363, FAP 774, FAP 762, FAP 325, FAP 766

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

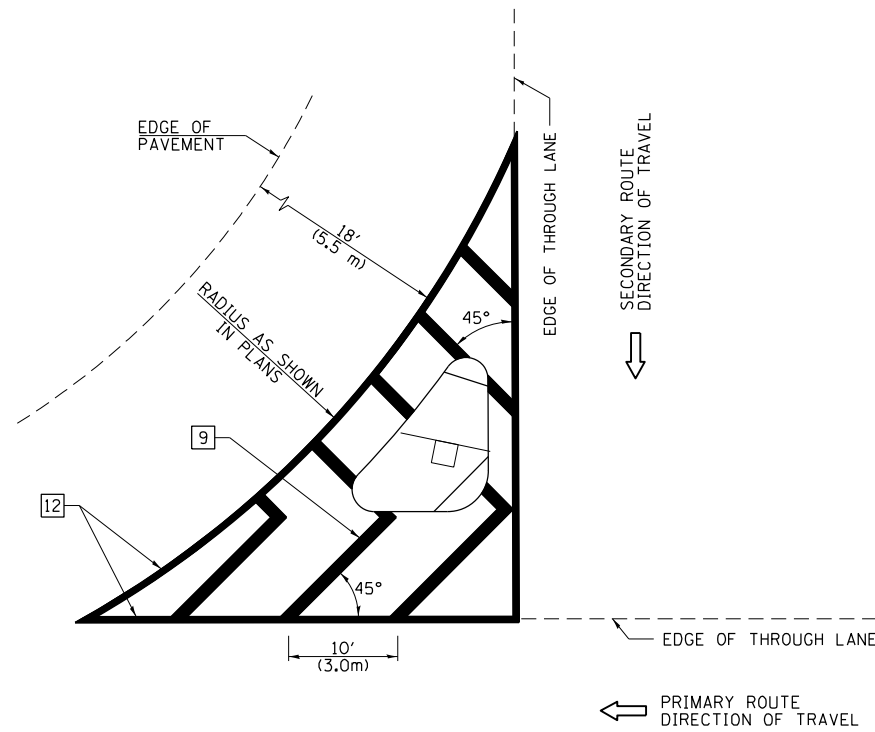
**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 HMA RESURF 2021-2	**	18	15
CONTRACT NO. 74A36			ILLINOIS FED. AID PROJECT	

**EFFINGHAM, SHELBY

ISLAND

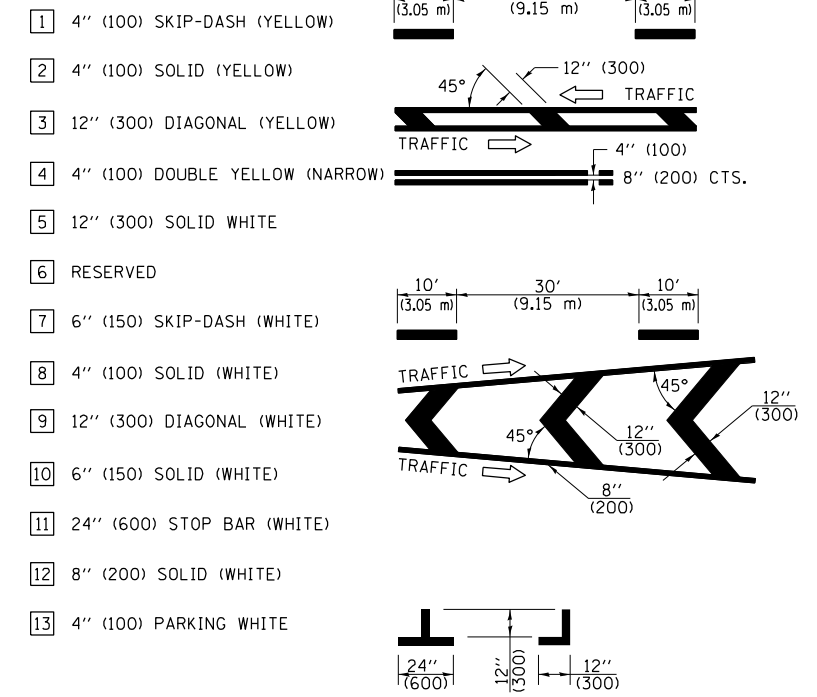


GENERAL NOTES

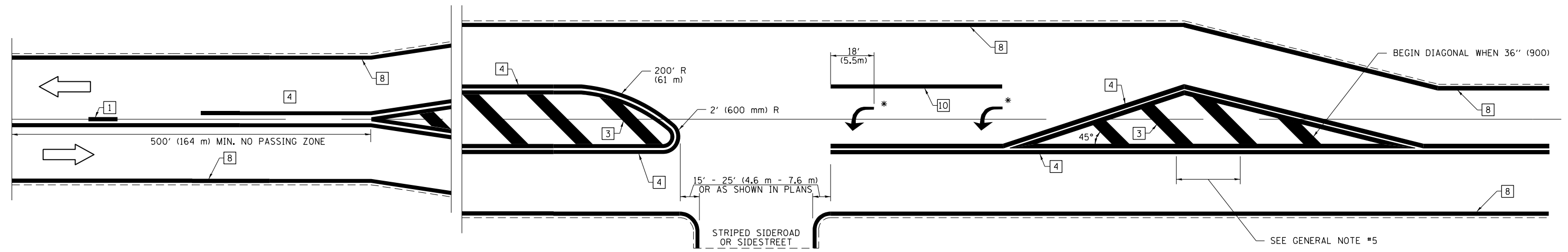
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING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

*FAU 8363, FAP 774, FAP 762, FAP 325, FAP 766

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT DATE = 2/9/2021	DATE -	REVISED -

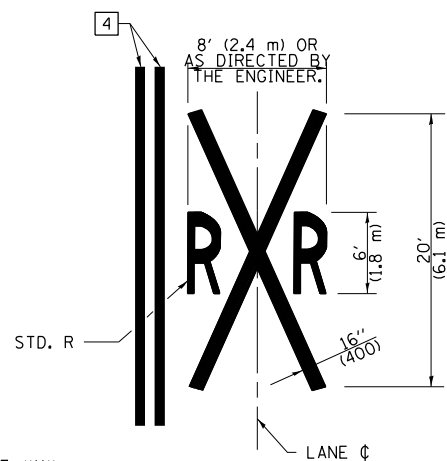
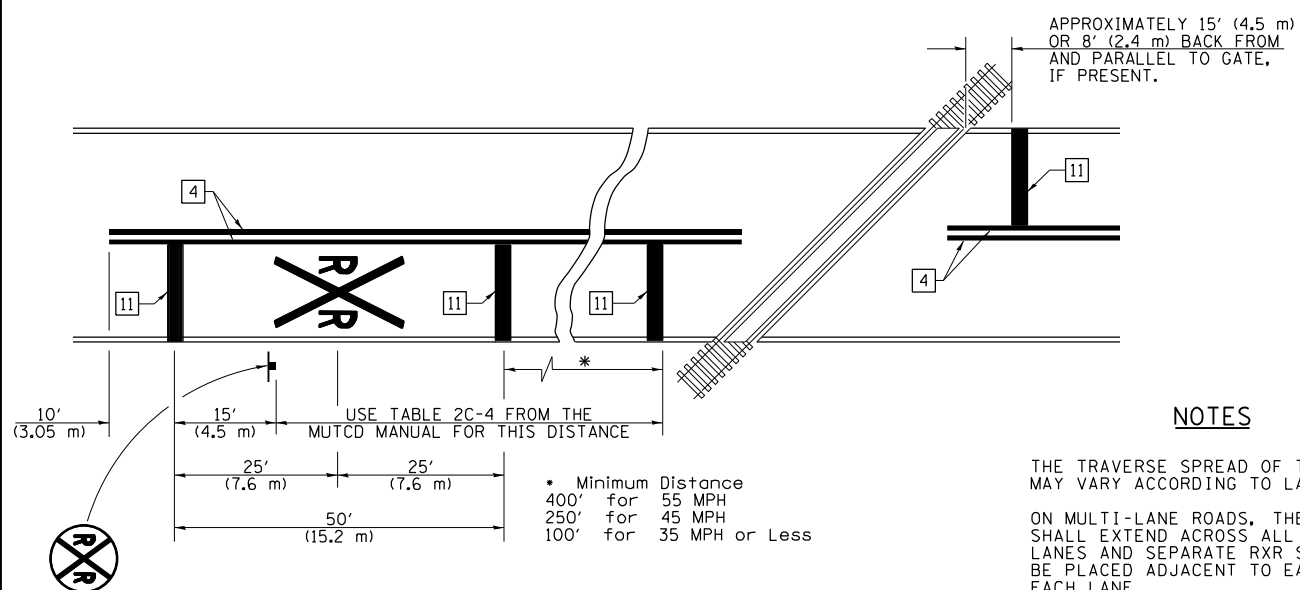
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**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	**	18	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.

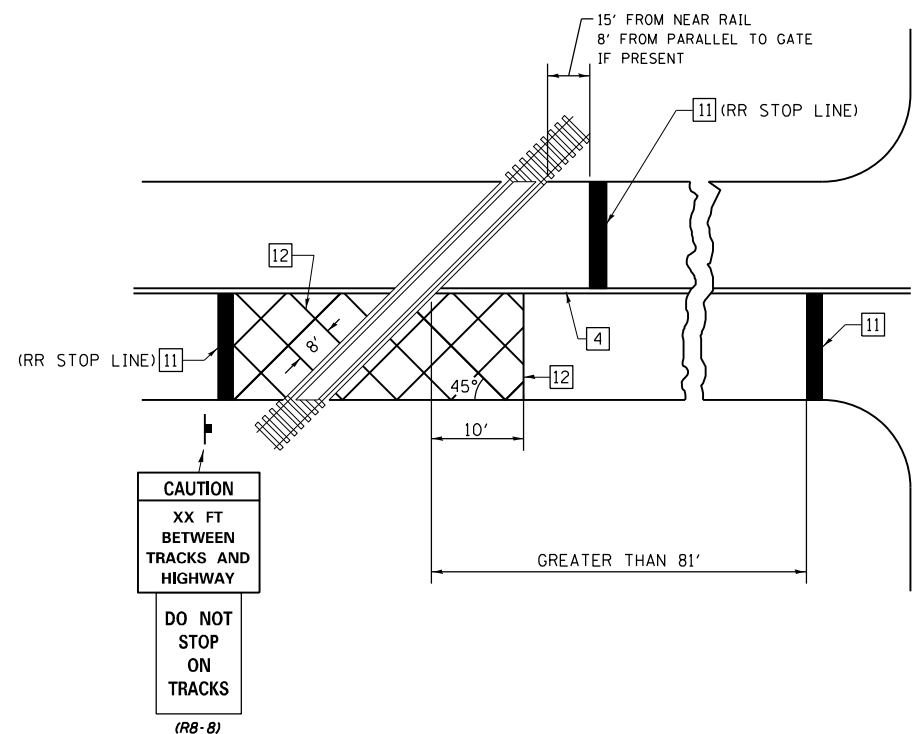
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

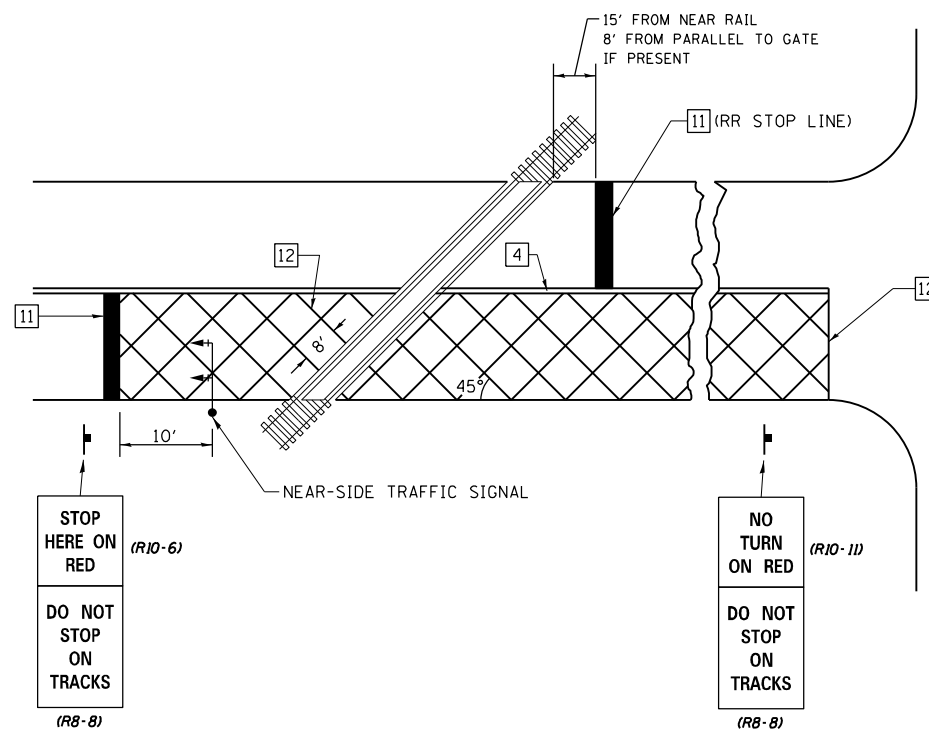
PAVEMENT MARKING LEGEND

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



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. 78000001

*FAU 8363, FAP 774, FAP 762, FAP 325, FAP 766

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -
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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

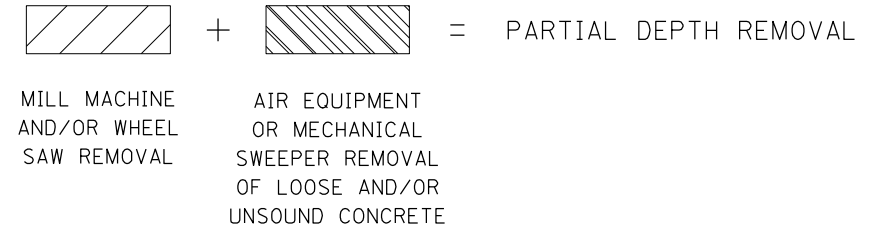
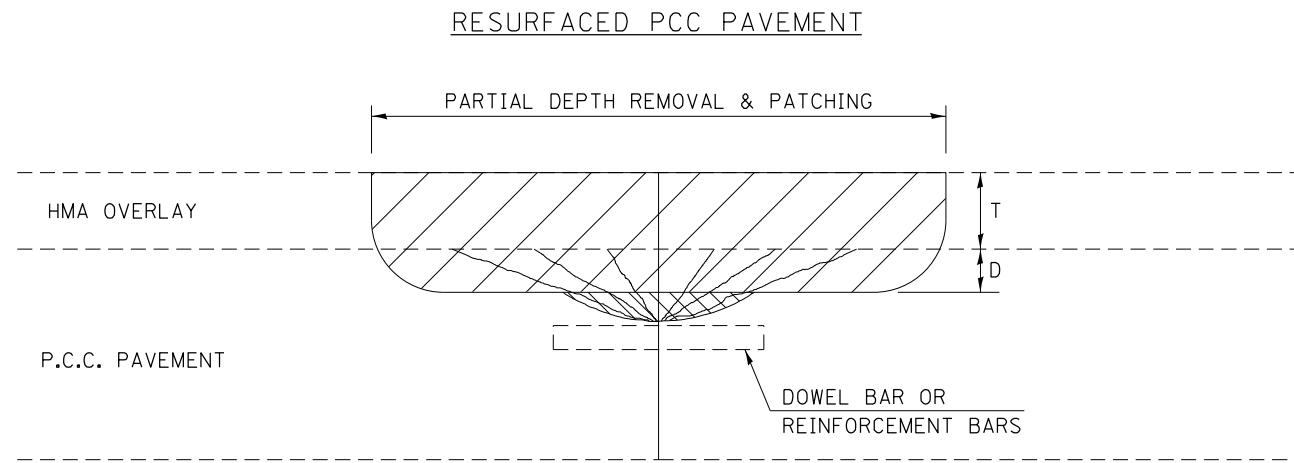
SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D7 HMA RESURF 2021-2	**	18	17
CONTRACT NO. 74A36				

ILLINOIS FED. AID PROJECT

EFFINGHAM, SHELBY

DESIGNER NOTE: THIS DISTRICT 5 DETAIL SHOULD BE USED WITH RECURRING SPECIAL PROVISION CHECK SHEET #15 AND SHALL ALSO APPLY TO PREVIOUSLY RESURFACED PCC PAVEMENT.



GENERAL NOTES

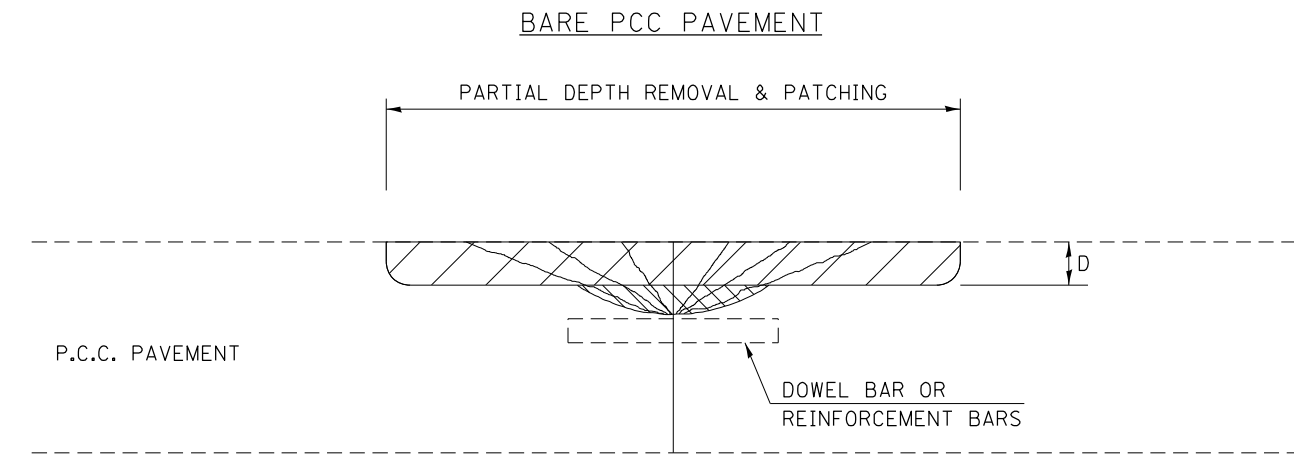
T = THICKNESS OF HMA OVERLAY(S). SEE EXISTING TYPICAL CROSS SECTION.

SEE GENERAL NOTES FOR MIXTURE REQUIREMENTS.

HMA REPLACEMENT IN RESURFACED PCC PAVEMENT LOCATIONS SHALL BE ACCORDING TO SECTION 406 OF THE STANDARD SPECIFICATIONS.

D = DEPTH OF PARTIAL DEPTH REMOVAL INTO EXISTING PCC PAVEMENT. (3" (75 mm) ± OR TO SOUND CONCRETE)

TRANSVERSE CONTRACTION JOINT SHOWN - OTHER LOCATIONS SIMILAR.



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 DATE = 2/9/2021		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PCC PARTIAL DEPTH HOT-MIX ASPHALT PATCHING

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

DISTRICT 7 DETAIL NO. X4421000

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D7 HMA RESURF 2021-2	**	18	18
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74A36	