

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	18-21RS-1	CLAY	72	1
		ILLINOIS	CONTRACT NO. 74A07	

CURRENT TRAFFIC DATA

2022 ADT	5900
P.V. %	83.0%
S.U. %	5.1%
M.U. %	11.9%

PROPOSED
HIGHWAY PLANS

FAP ROUTE 327 (US 50/US 45)
SECTION (8-2)RS-1
PROJECT NHPP-KM91(374)
DESIGNED OVERLAY
CLAY COUNTY

C-97-095-20



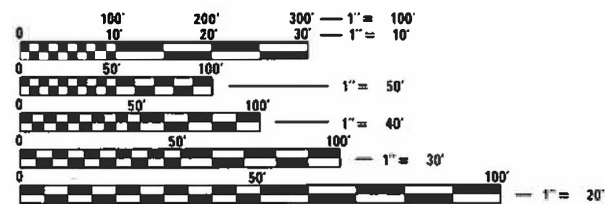
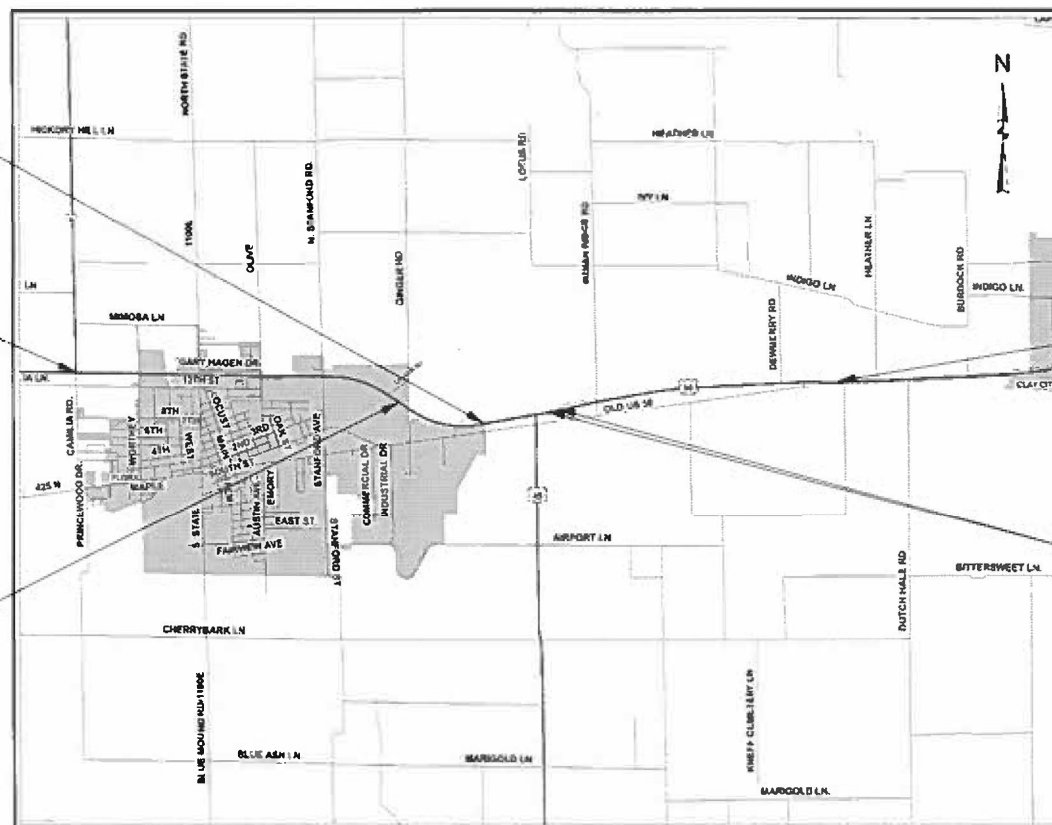
STATION EQUATION:
STA. 778 + 80.68 (BK.)
= STA. 778 + 43.61 (AH.)

F.A.P ROUTE 327 (US-45 / 50)
SECTION (8,2)RS-1
BEGINS STATION 589 + 53.62

F.A.P ROUTE 327 (US-50)
SECTION (8,2)RS-1
ENDS STATION 927 + 50.00

BRIDGE OMISSION
S.N. 013-0002 (EB)
S.N. 013-0003 (WB)

BRIDGE OMISSION
S.N. 013-0001



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 BENJAMIN DETERS

GROSS LENGTH = 33,567.06 FT. = 6.357 MILE
NET LENGTH = 33,392.31 FT. = 6.324 MILE

CONTRACT NO. 74A07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED FEBRUARY 16 20 22
Jeffrey P. Myerles
REGIONAL ENGINEER

March 25 20 22
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 2 20 22
Stephen M. Lewis
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

SHEET NO.	DESCRIPTION
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2	INDEX OF SHEETS / HIGHWAY STANDARDS
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8 - 15	TYPICAL CROSS SECTIONS
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61 - 63	TRAFFIC CONTROL DETAILS - CROSSOVER PAVEMENT REPLACEMENT
64	MISCELLANEOUS DETAILS
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66	CORRUGATED MEDIAN (DOWELLED) (DISTRICT 7 DETAIL NO. 60624610)
67 - 70	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL AND URBAN APPLICATIONS) (DISTRICT 7 DETAIL NO. 78000001)
71	PARTIAL DEPTH PATCHING DETAILS (DISTRICT 7 DETAIL NO. X74421000)
72	TYPICAL RUMBLE STRIP APPLICATION (DISTRICT DETAIL NO. Z0055300)

STANDARD NO.	DESCRIPTION
000001 - 08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001 - 02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201 - 01	MAILBOX TURNOUT
420001 - 10	PAVEMENT JOINTS
424001 - 11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442101 - 09	CLASS B PATCHES
442201 - 03	CLASS C AND D PATCHES
483001 - 06	PCC SHOULDER
606001 - 08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
667101 - 02	PERMANENT SURVEY MARKERS
701001 - 02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006 - 05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011 - 04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201 - 05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301 - 04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311 - 03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701316 - 13	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR, FOR SPEEDS ≥ 45 MPH
701326 - 04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENEING, FOR SPEEDS ≥ 45 MPH
701421 - 08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 PMH TO 55 MPH
701426 - 09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH
701901 - 08	TRAFFIC CONTROL DEVICES
720006 - 04	SIGN PANEL ERECTION DETAILS
728001 - 01	TELESCOPING STEEL SIGN SUPPORT
780001 - 05	TYPICAL PAVEMENT MARKINGS
781001 - 04	TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKINGS
782001 - 01	CURB REFLECTORS
876001 - 04	PEDESTRIAN PUSH BUTTON POST
420701 - 03	PAVEMENT WELDED WIRE REINFORCEMENT
542301 - 03	PRECAST REINFORCED CONCRETE FLARED END SECTION
606301 - 04	PC CONCRETE ISLANDS AND MEDIANS
606306 - 04	CORRUGATED PC CONCRETE MEDIANS
642001 - 03	SHOULDER RUMBLE STRIPS, 16 IN.
668001 - 01	U.S. GEOLOGICAL SURVEY AND NATIONAL GEODETIC SURVEY BENCHMARKS, RESETTING METHOD
701101 - 05	OFF-ROAD OPERATIONS, MULTILANE, 15'(4.5M) TO 24"(600MM) FROM PAVEMENT EDGE
701106 - 02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15'(4.5M) AWAY
701306 - 04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701411 - 09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH

REV. - MS

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PLOT DATE = 2/15/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS / HIGHWAY STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74A07	

GENERAL NOTES

THE WORK INCLUDED IN SECTION (8-2)RS-1 CONSISTS OF PAVEMENT PATCHING, RESURFACING WITH HMA, ADA RAMP INSTALLATIONS, PEDESTRIAN SIGNAL IMPROVEMENTS, AGGREGATE SHOULDERS, PAVEMENT MARKINGS, AND OTHER WORK NECESSARY TO COMPLETE THE SECTION.

THE PROPOSED PROJECT BEGINS AT THE INTERSECTION OF US 45 NORTH AND US 50 AND EXTENDS 2.5 MILES EAST OF THE INTERSECTION OF US 45 SOUTH AND US 50.

THE MATERIAL USED FOR AGGREGATE WEDGE SHOULDERS, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP. THE MATERIAL USED FOR AGGREGATE SURFACE COURSE, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

THE QUANTITIES FOR FULL DEPTH AND PARTIAL DEPTH PAVEMENT PATCHING ARE ESTIMATES. PARTIAL DEPTH PATCHING SHALL CONSIST OF PARTIAL LANE WIDTH LONGITUDINAL PATCHES ALONG THE OUTSIDE EDGES OF PAVEMENT. ACTUAL PATCHING LOCATIONS AND QUANTITIES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

SUGGESTED SEQUENCE OF OPERATIONS:

1. PATCH, MILL, AND CONSTRUCT THE PROPOSED BINDER COURSE ALONG US-45/US-50 EASTBOUND AND WESTBOUND TRAVEL LANES AND SHOULDERS ACCORDING TO THE RESPECTIVE TRAFFIC CONTROL STANDARDS.
2. ERECT SIGNS, TRAFFIC SIGNALS, STOP BARS, ETC. AT THE 2-LANE TO 4-LANE TRANSITION TAPERS AS WELL AS US-45 SOUTH ACCORDING TO TRAFFIC CONTROL STANDARD 701316 AS WELL AS THE DETAILS SHOWN IN THE PLANS.
3. REMOVE THE EXISTING CROSSOVER ISLAND AND PAVEMENT AND SHOULDERS AND RECONSTRUCT THE PROPOSED CROSSOVER PAVEMENT AND SHOULDERS ACCORDING TO PLAN DETAILS AND THE RESPECTIVE HIGHWAY STANDARDS.
4. REMOVE THE TRAFFIC CONTROL STANDARD SETUP AND COMMENCE WITH THE CONSTRUCTION OF THE PROPOSED HOT-MIX ASPHALT SURFACE COURSE ALONG THE US-45/US-50 EASTBOUND AND WESTBOUND TRAVEL LANES AND SHOULDERS AS WELL AS PROPOSED AGGREGATE SHOULDERS, PAVEMENT MARKINGS, RRPMS, AND ANY OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S)	MIXTURE USE(S)	PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	MIXTURE WEIGHT	QUALITY MANAGEMENT PROGRAM	SUBLOT SIZE	MATERIAL TRANSFER DEVICE (REQUIRED?)
MAINLINE	POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N90 (2")	SBS PG 70-22	4.0% @ N=90	IL - 9.5	MIXTURE D	N90	PFPP	1000	N/A
MAINLINE	POLYMERIZED HMA BINDER COURSE, IL-9.5FG, N90 (1 3/4")	SBS PG 70-22	4.0% @ N=90	IL - 9.5FG	N/A	N90	PFPP	1000	N/A
SHOULDER	HOT-MIX ASPHALT SHOULDERS - 3.75" (TOP 2" LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QC/QA	N/A	N/A
SHOULDER	HOT-MIX ASPHALT SHOULDERS - 3.75" (BOTTOM 1.75" LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5FG	N/A	N70	QC/QA	N/A	N/A
INCIDENTAL	INCIDENTAL HOT-MIX ASPHALT SURFACING	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QC/QA	N/A	N/A
MAINLINE	PARTIAL DEPTH PARTIAL DEPTH PATCHING	PG 64-22	4.0% @ N=90	IL - 19.0	N/A	N90	QC/QA	N/A	N/A

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

HOT-MIX ASPHALT	112 LBS./SQ. YD/INCH
AGGREGATE SHOULDERS & AGGREGATE SURFACE COURSE	2.05 TONS/CU YD
SUBBASE GRANULAR MATERIAL	2.0 TONS/CU YD

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USER NAME = stefnrmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						327	(8-2)RS-1	CLAY	72	3
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74A07				ILLINOIS FED. AID PROJECT				
PLOT DATE = 2/15/2022	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 80% FED 10% STATE 10% CITY	0005 100% CITY
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1016	979	37	
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SQ YD	13		13	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	132090	132090		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	35767	35767		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1570	1570		
40600990	TEMPORARY RAMP	SQ YD	267	267		
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	TON	10482	10482		
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	12271	12271		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	133	133		
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	717	717		
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	171		171	
42400800	DETECTABLE WARNINGS	SQ FT	31		31	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 80% FED 10% STATE 10% CITY	0005 100% CITY
44000100	PAVEMENT REMOVAL	SQ YD	953	940	13	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	175057	175057		
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	18106	18106		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	55		55	
44200050	WELDED WIRE REINFORCEMENT	SQ YD	470	470		
44200982	CLASS B PATCHES, TYPE II, 11 INCH	SQ YD	264	264		
44200986	CLASS B PATCHES, TYPE III, 11 INCH	SQ YD	54	54		
44200988	CLASS B PATCHES, TYPE IV, 11 INCH	SQ YD	317	317		
44201013	CLASS B PATCHES, TYPE IV, 13 INCH	SQ YD	100	100		
44201294	CLASS B PATCH - EXPANSION JOINT	FOOT	216	216		
44201296	DEFORMED BARS - EXPANSION JOINT	EACH	180	180		
44201298	DOWEL BARS 1 1/4"	EACH	642	642		
44201389	CLASS C PATCHES, TYPE II, 13 INCH	SQ YD	20	20		
44201396	CLASS C PATCHES, TYPE IV, 13 INCH	SQ YD	235	235		

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PLOT DATE = 2/16/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	4
			CONTRACT NO. 74A07	
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 80% FED 10% STATE 10% CITY	0005 100% CITY
44213200	SAW CUTS	FOOT	2523	2523		
44213204	TIE BARS 3/4"	EACH	152	152		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	4711	4711		
48203100	HOT-MIX ASPHALT SHOULDERS	TON	18323	18323		
48300500	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SQ YD	224	224		
50105220	PIPE CULVERT REMOVAL	FOOT	6	6		
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	1	1		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	55		55	
60624610	CORRUGATED MEDIAN (DOWELLED)	SQ FT	3611	3611		
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	53067	53067		
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	1	1		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6		
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	6	6		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 80% FED 10% STATE 10% CITY	0005 100% CITY
67100100	MOBILIZATION	L SUM	1	1		
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	1	1		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2	2		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1		
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	56		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	19776	19776		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2176	2176		
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	96069	96069		

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PLOT DATE = 2/15/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	5
CONTRACT NO. 74A07			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 80% FED 10% STATE 10% CITY	0005 100% CITY
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	3059	3059		
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	1428	1428		
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	2141	2141		
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	457	457		
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	4	4		
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	72	72		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	105	105		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	558.4	558.4		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	74011	74011		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3059	3059		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1428	1428		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2141	2141		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	457	457		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 80% FED 10% STATE 10% CITY	0005 100% CITY
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	22058	22058		
78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	1646	1646		
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	74011	74011		
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	3059	3059		
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	1428	1428		
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	2141	2141		
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	457	457		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	591	591		
* 78200020	CURB REFLECTORS	EACH	50	50		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	591	591		
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	2		2	
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1		1	
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	49		49	

* SPECIALTY ITEM

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**STATE OF ILLINOIS
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SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	6
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 80% FED 10% STATE 10% CITY	0005 100% CITY
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT	FOOT	5	5		
	GROUNDING CONDUCTOR, NO. 6 1C					
* 87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED	EACH	1	1		
	STEEL, TYPE I					
* 87900200	DRILL EXISTING HANDHOLE	EACH	1	1		
* 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2	2		
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	2	2		
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	2954	2954		
X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	37	37		
X4402805	ISLAND REMOVAL	SQ FT	2285	2285		
X4406270	PARTIAL DEPTH REMOVAL, TYPE II, 7"	SQ YD	223	223		
X4406470	PARTIAL DEPTH REMOVAL, TYPE III, 7"	SQ YD	827	827		
X4406670	PARTIAL DEPTH REMOVAL, TYPE IV, 7"	SQ YD	3379	3379		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 80% FED 10% STATE 10% CITY	0005 100% CITY
X4421000	PARTIAL DEPTH PATCHING	TON	1736	1736		
X6061300	CONCRETE MEDIAN, TYPE SB-6.06 (DOWELLED)	SQ FT	1600	1600		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2	2		
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	1	1		
Z0055600	RUMBLE STRIP	SQ YD	100	100		

* SPECIALTY ITEM

REV. - MS

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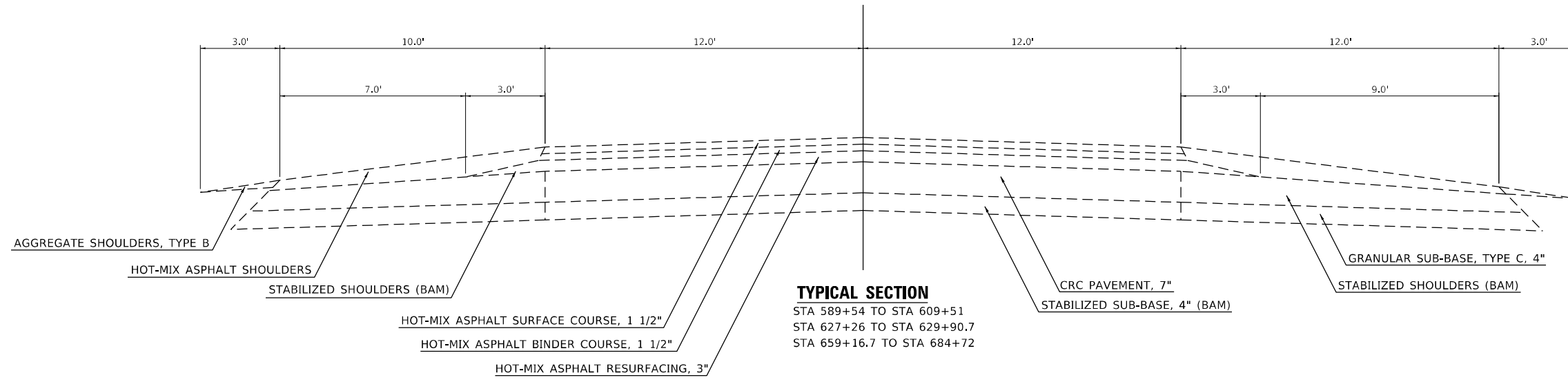
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/15/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

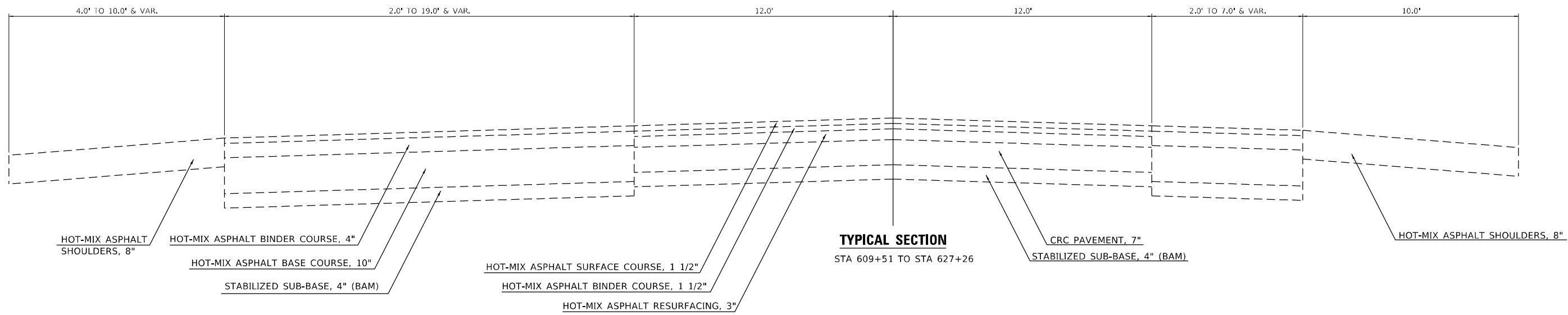
SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

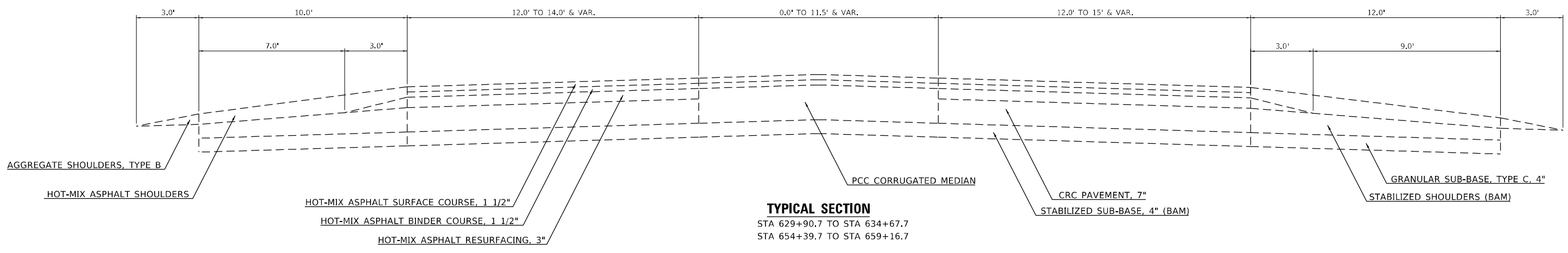
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	7
CONTRACT NO. 74A07			ILLINOIS FED. AID PROJECT	



TYPICAL SECTION
 STA 589+54 TO STA 609+51
 STA 627+26 TO STA 629+90.7
 STA 659+16.7 TO STA 684+72



TYPICAL SECTION
 STA 609+51 TO STA 627+26



TYPICAL SECTION
 STA 629+90.7 TO STA 634+67.7
 STA 654+39.7 TO STA 659+16.7

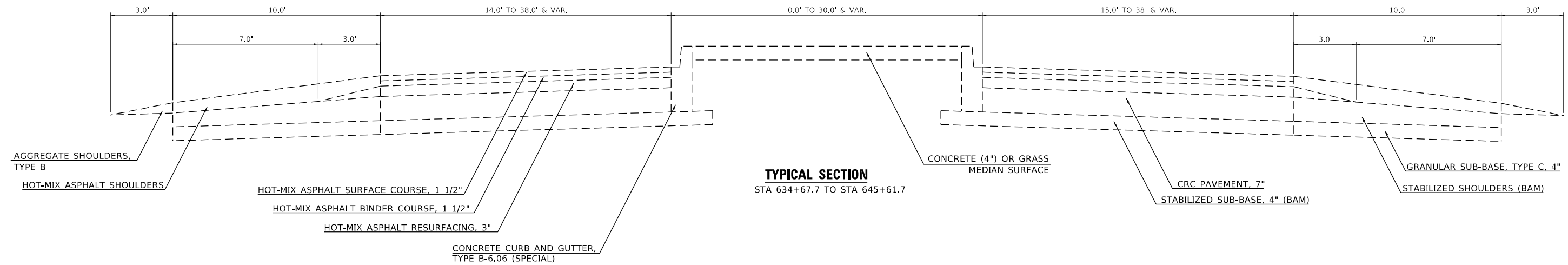
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PLOT DATE = 2/15/2022	DATE -	REVISED -

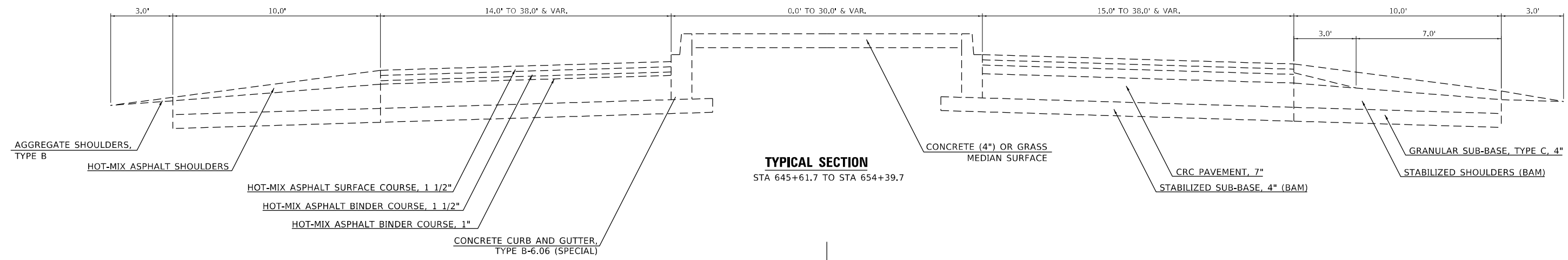
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS			
SCALE:	SHEET 1	OF 8 SHEETS	STA. TO STA.

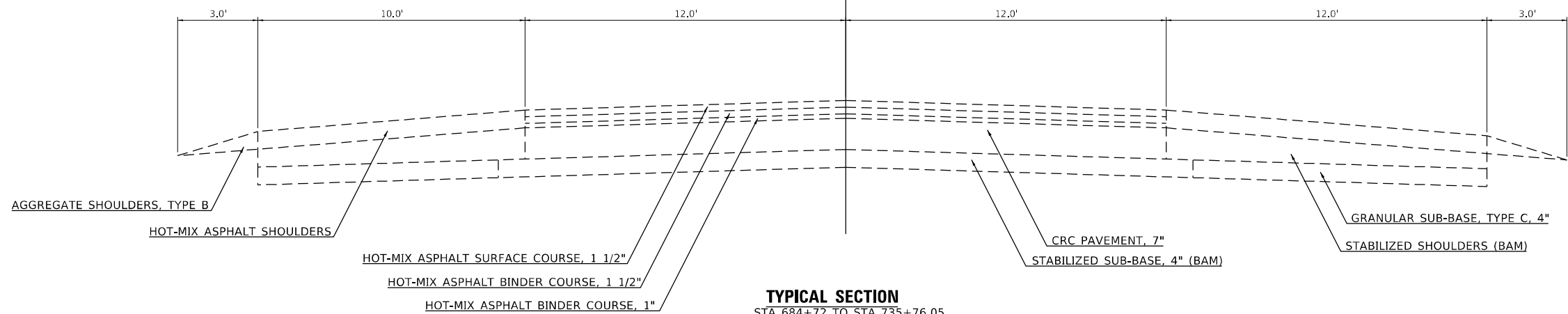
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	8
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION
STA 634+67.7 TO STA 645+61.7



TYPICAL SECTION
STA 645+61.7 TO STA 654+39.7



TYPICAL SECTION
STA 684+72 TO STA 735+76.05
STA 735+76.05 TO STA 737+49.56 (BRIDGE OMISSION)
STA 737+49.56 TO STA 776+53.81

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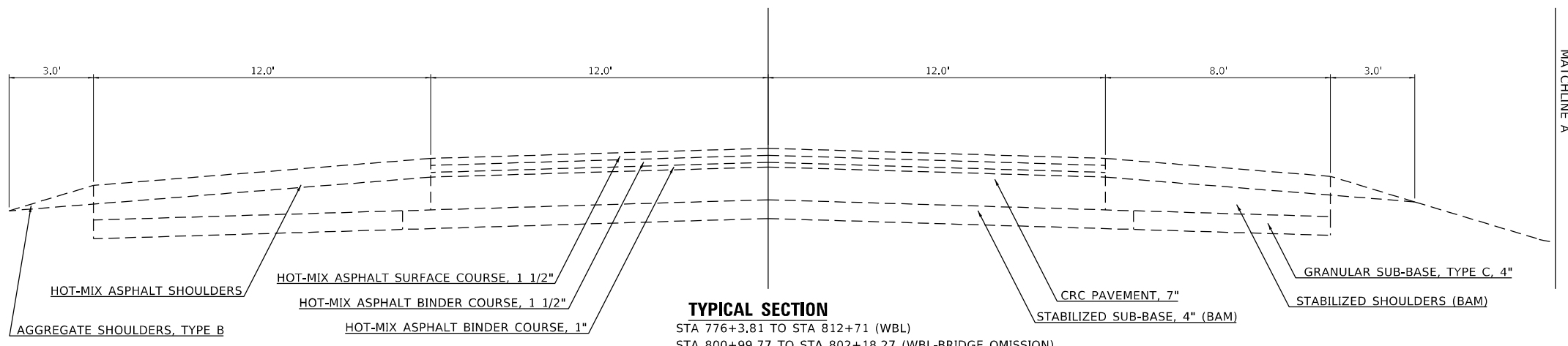
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PLOT DATE = 2/15/2022	DATE -	REVISION -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

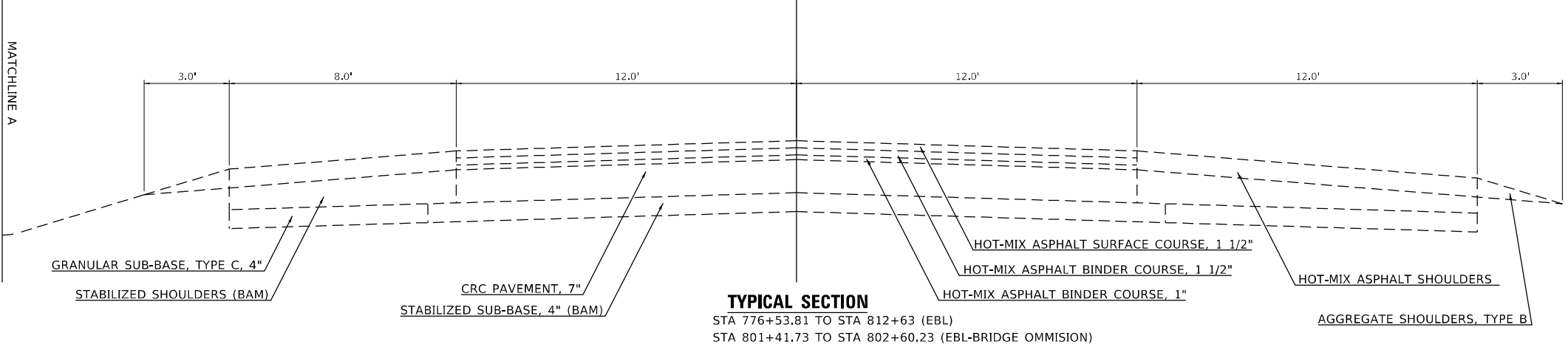
TYPICAL CROSS SECTIONS

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

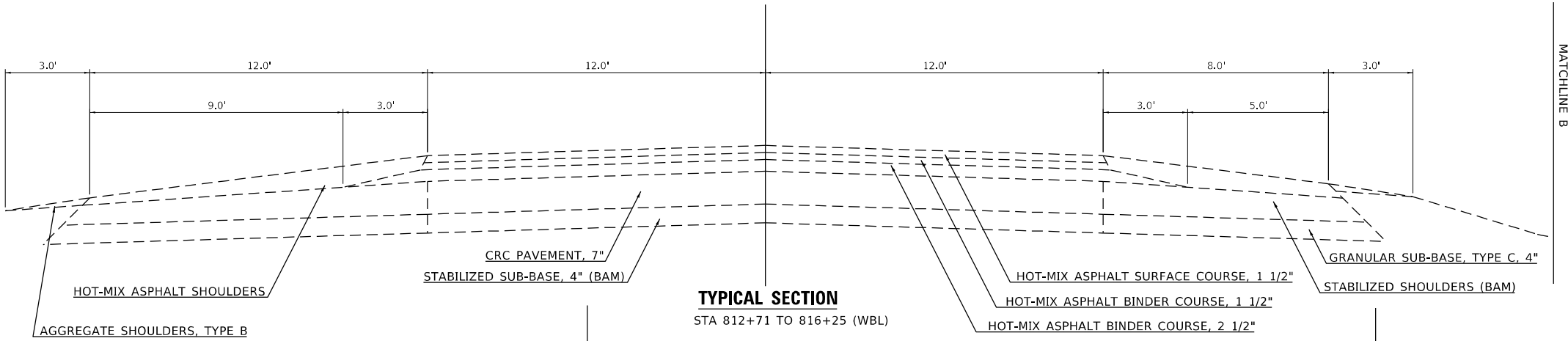
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	9
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



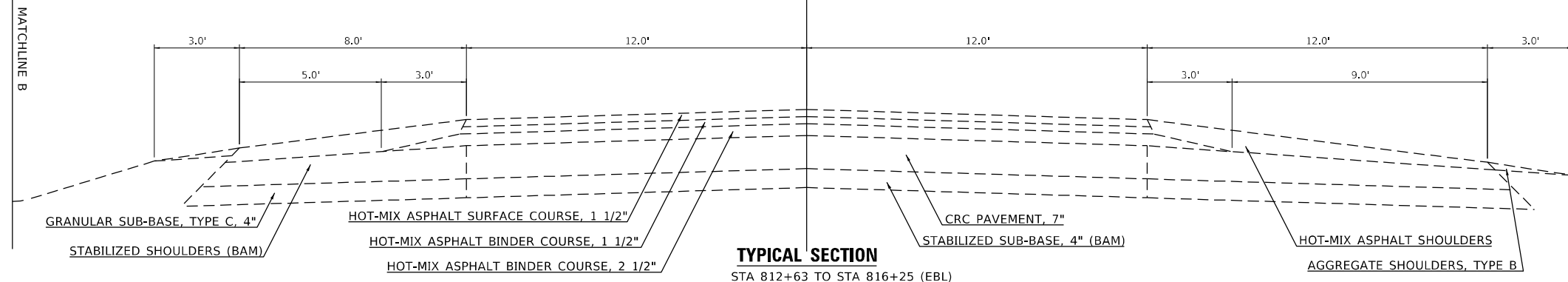
TYPICAL SECTION
 STA 776+3.81 TO STA 812+71 (WBL)
 STA 800+99.77 TO STA 802+18.27 (WBL-BRIDGE OMISSION)



TYPICAL SECTION
 STA 776+53.81 TO STA 812+63 (EBL)
 STA 801+41.73 TO STA 802+60.23 (EBL-BRIDGE OMISSION)



TYPICAL SECTION
 STA 812+71 TO 816+25 (WBL)



TYPICAL SECTION
 STA 812+63 TO STA 816+25 (EBL)

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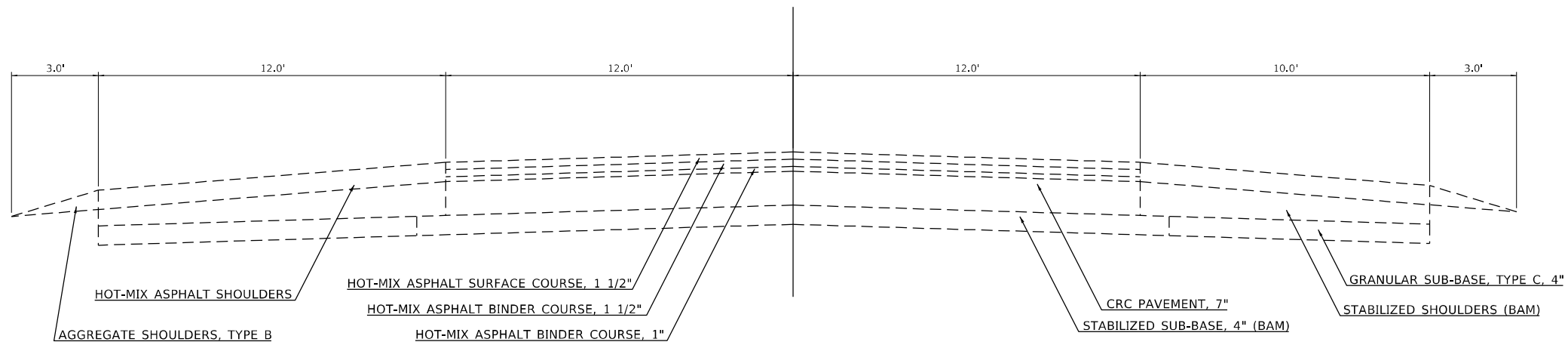
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PLOT DATE = 2/15/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

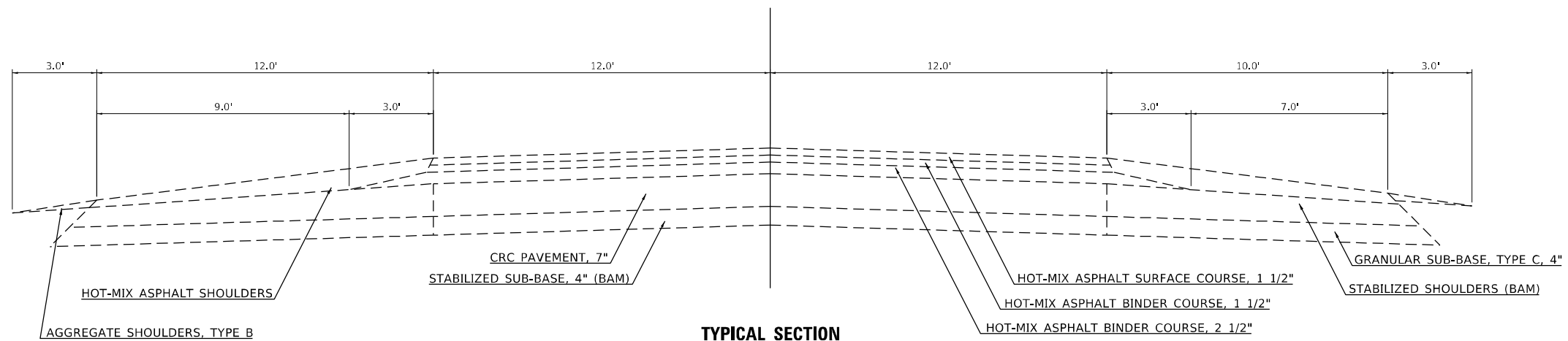
TYPICAL CROSS SECTIONS

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 327	SECTION (8-2)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 10
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION
 STA 823+64 TO STA 862+10
 STA 906+62 TO STA 922+21



TYPICAL SECTION
 STA 816+25 TO STA 823+64
 STA 862+10 TO STA 906+62
 STA 922+21 TO STA 927+50

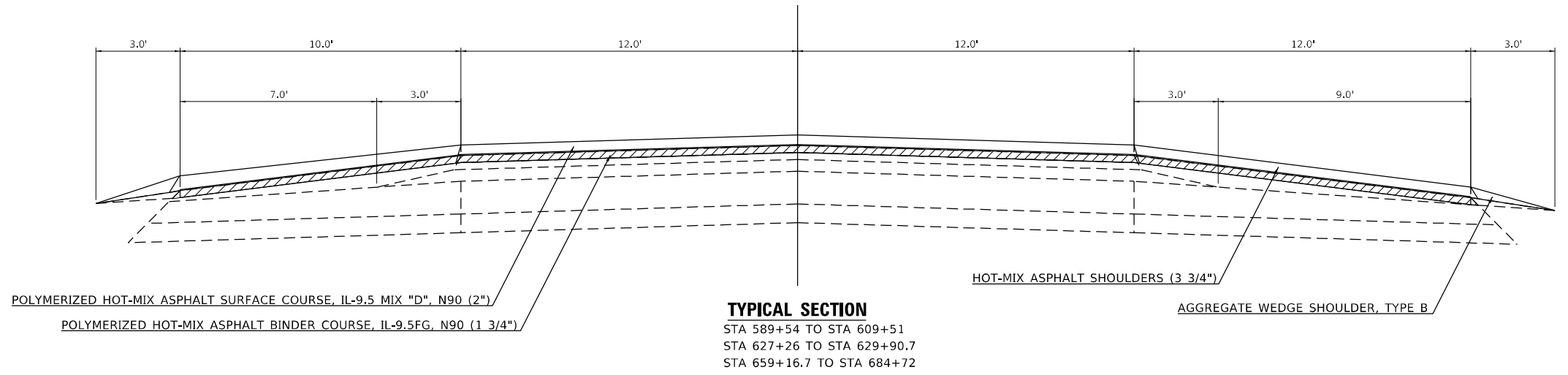
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PLOT DATE = 2/15/2022	DATE -	REVISED -

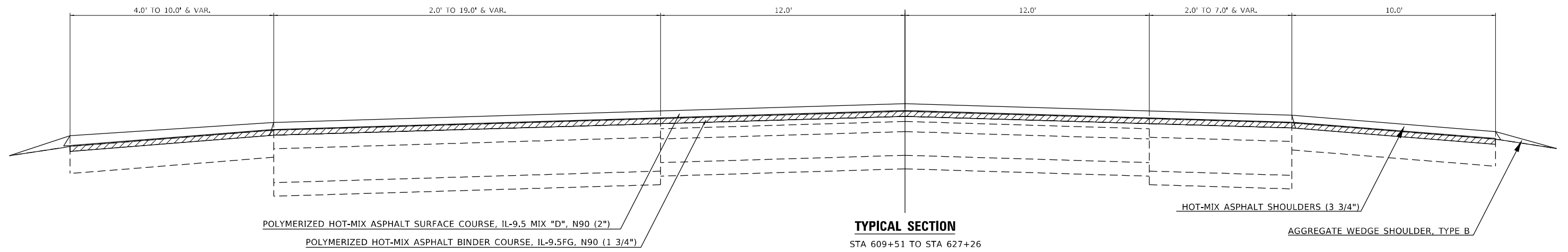
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS			
SCALE:	SHEET 4	OF 8 SHEETS	STA. TO STA.

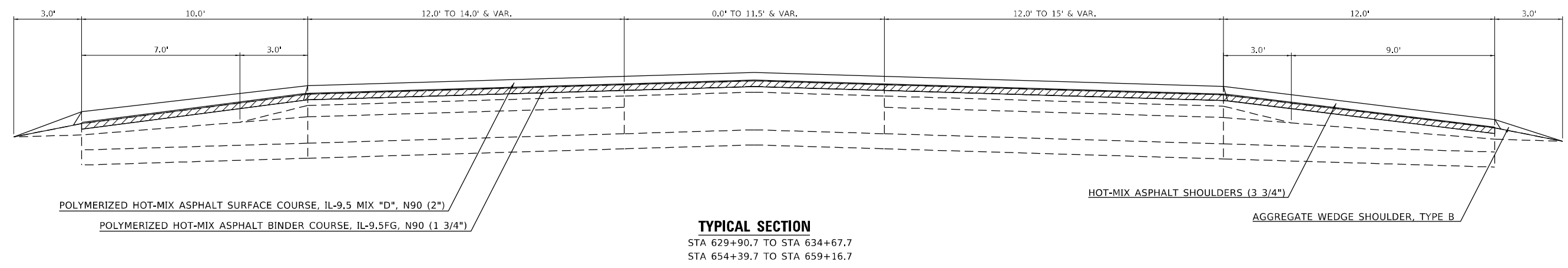
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	11
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION
 STA 589+54 TO STA 609+51
 STA 627+26 TO STA 629+90.7
 STA 659+16.7 TO STA 684+72



TYPICAL SECTION
 STA 609+51 TO STA 627+26



TYPICAL SECTION
 STA 629+90.7 TO STA 634+67.7
 STA 654+39.7 TO STA 659+16.7

- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"

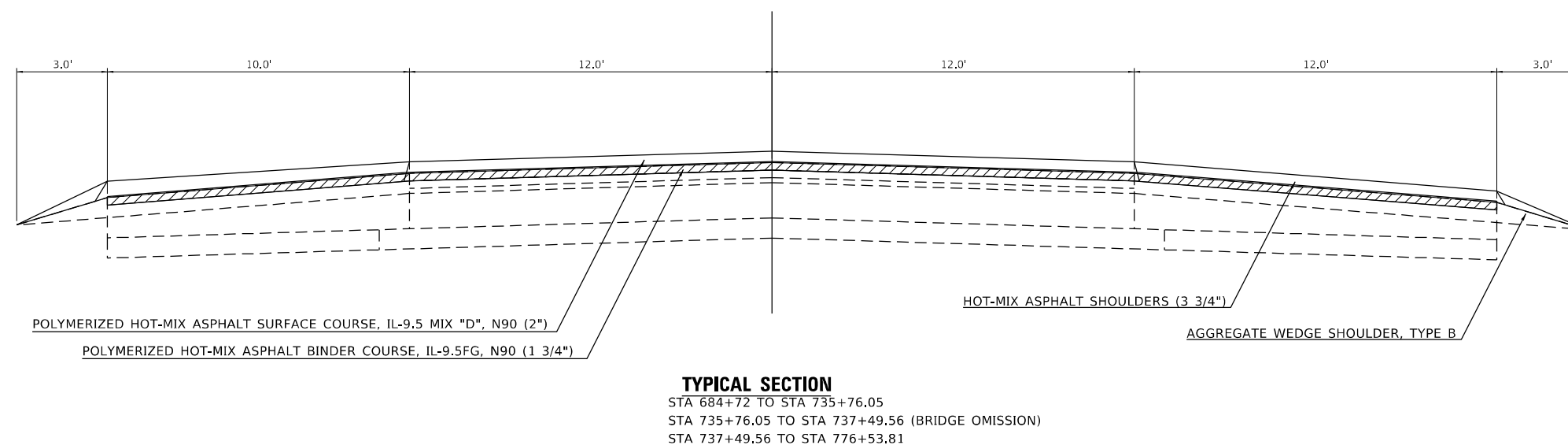
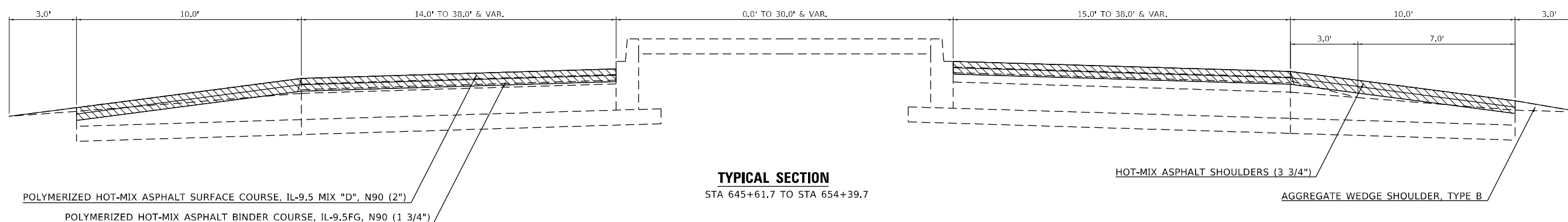
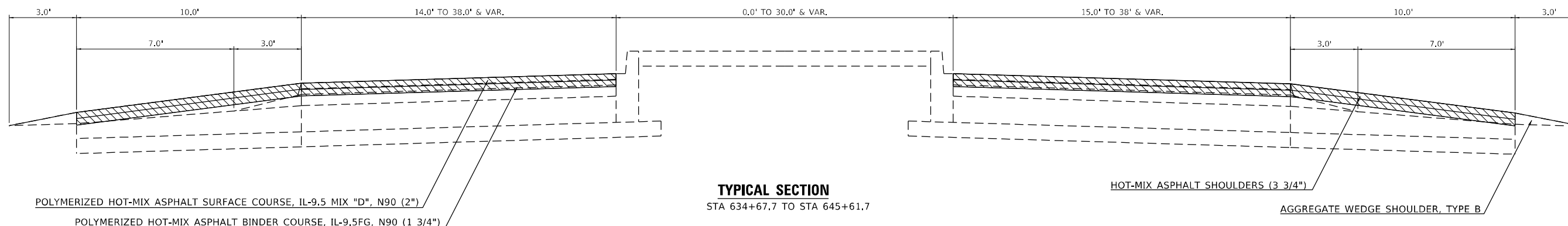
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PLOT DATE = 2/15/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS			
SCALE:	SHEET 5	OF 8 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	12
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"

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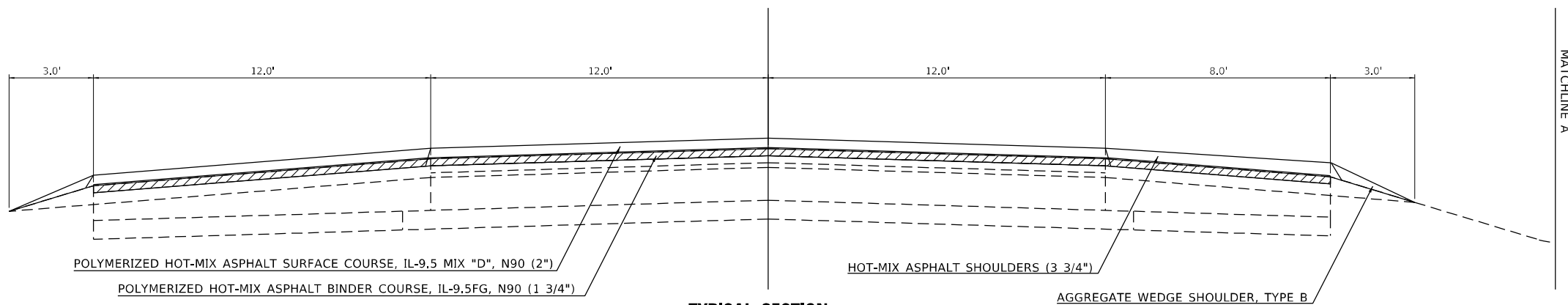
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PLOT DATE = 2/15/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

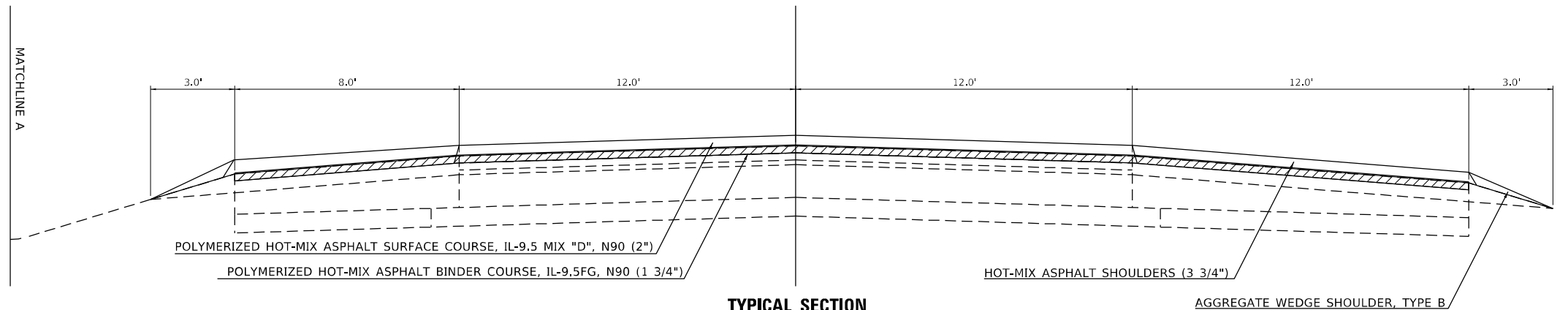
TYPICAL CROSS SECTIONS

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

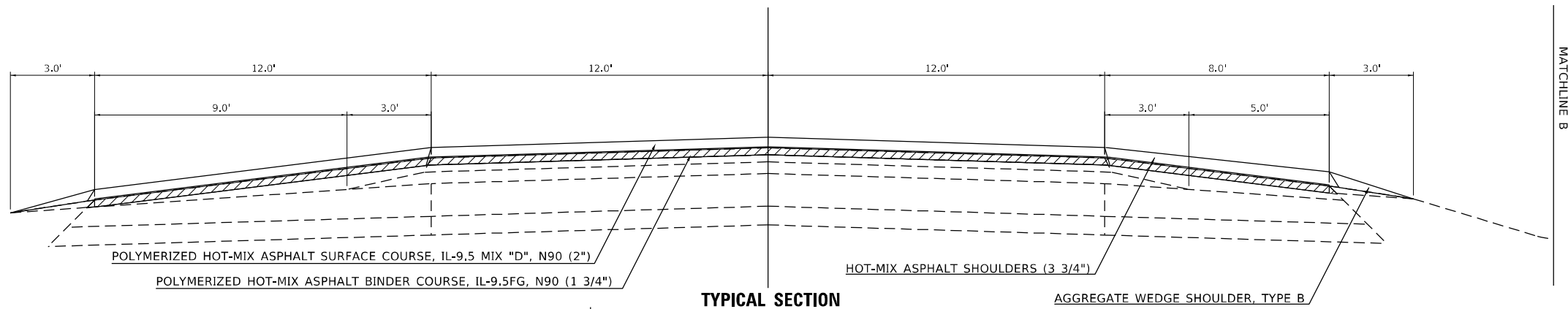
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	13
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



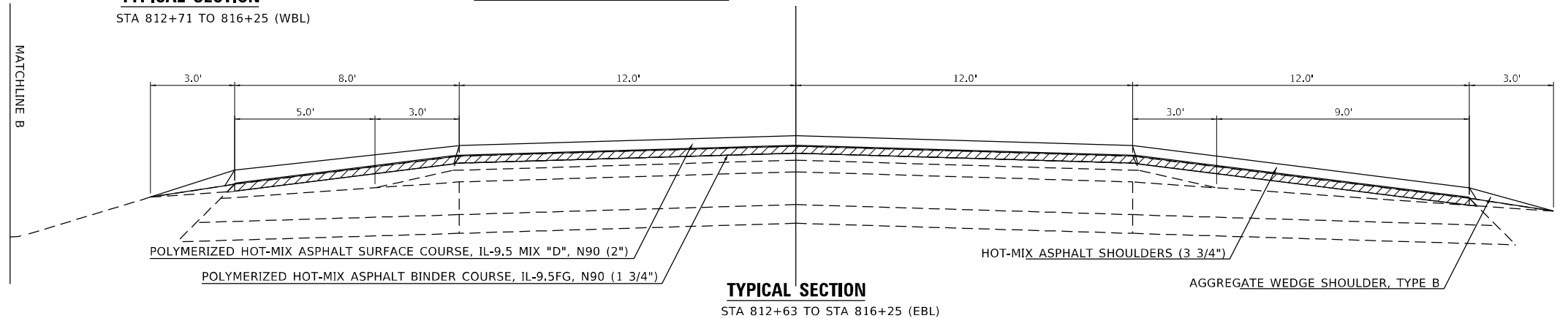
TYPICAL SECTION
 STA 776+3.81 TO STA 812+71 (WBL)
 STA 800+99.77 TO STA 802+18.27 (WBL-BRIDGE OMISSION)



TYPICAL SECTION
 STA 776+53.81 TO STA 812+63 (EBL)
 STA 801+41.73 TO STA 802+60.23 (EBL-BRIDGE OMISSION)



TYPICAL SECTION
 STA 812+71 TO 816+25 (WBL)



TYPICAL SECTION
 STA 812+63 TO STA 816+25 (EBL)

- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

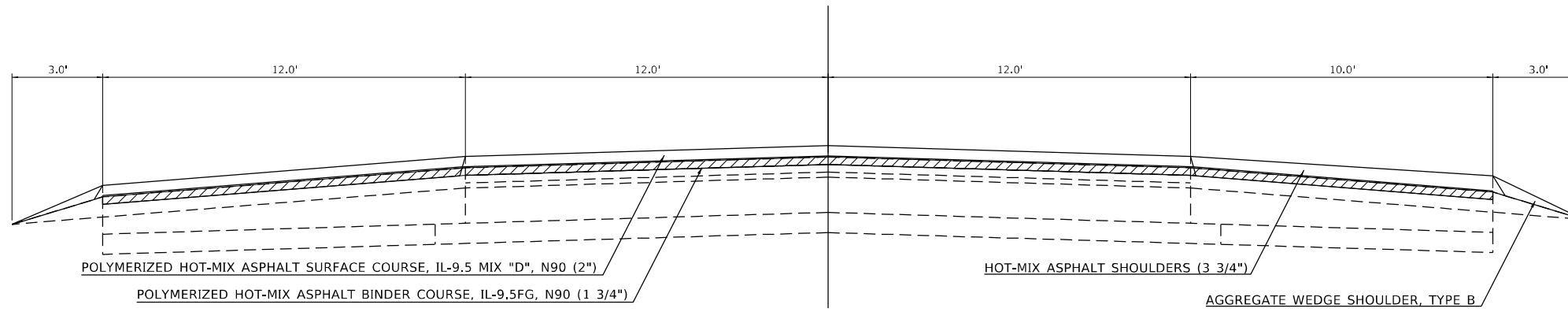
TYPICAL CROSS SECTIONS

USER NAME = steffnmk	DESIGNED -	REVISED -
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PLOT DATE = 2/15/2022	DATE -	REVISED -

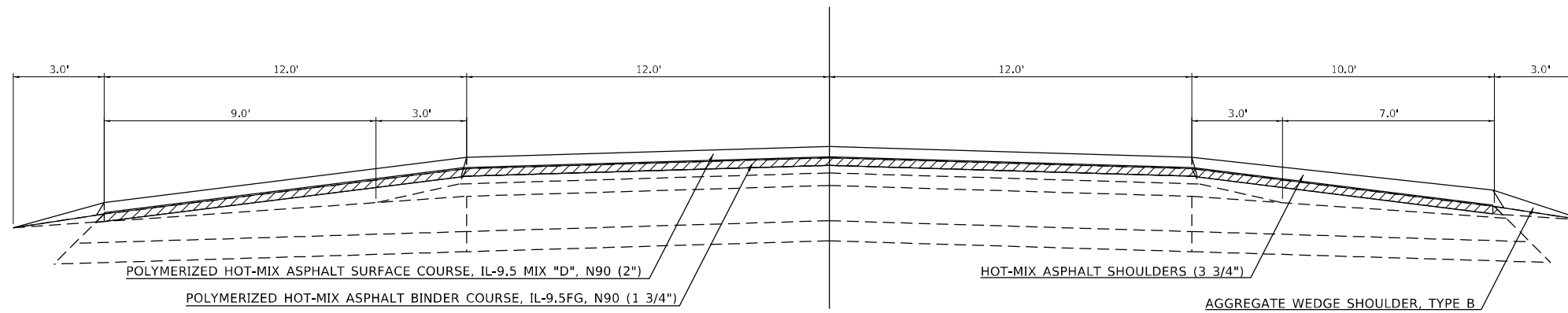
SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 327	SECTION (8-2)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 14
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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TYPICAL SECTION
 STA 823+64 TO STA 862+10
 STA 906+62 TO STA 922+21



TYPICAL SECTION
 STA 816+25 TO STA 823+64
 STA 862+10 TO STA 906+62
 STA 922+21 TO STA 927+50

- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"

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PLOT DATE = 2/15/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS			
SCALE:	SHEET 8	OF 8 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	15
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

PATCHING - FULL DEPTH																
PATCH NUMBER	STA	LANE	LENGTH (FOOT)	WIDTH (FOOT)	DEPTH (INCH)	CLASS B PATCHES, TYPE 2, 11" (SQ YD)	CLASS B PATCHES, TYPE 3, 11" (SQ YD)	CLASS B PATCHES, TYPE 4, 11" (SQ YD)	CLASS B PATCHES, TYPE 4, 13" (SQ YD)	TIE BARS, 3/4" (EACH)	WELDED WIRE REINFORCEMENT (SQ YD)	SAW CUTS (FOOT)	DOWEL BARS (EACH)	CLASS B PATCH - EXPANSION JOINT (FOOT)	DEFORMED BARS - EXPANSION JOINT (EACH)	RUMBLE STRIP (SQ YD)
1	596+36	EB	82.0	12.0	11.0			109.3		40	109.3	201.5	20			
2	600+14	EB	13.0	12.0	11.0		17.3				17.3	63.5	20			
3	605+20	EB	10.0	12.0	11.0	13.3						57.5	20			
4	631+64	EB	12.0	12.0	11.0		16.0				16.0	61.5	20			
5	645+75	EB	6.0	15.0	11.0	10.0						58.5	28			
6	698+71	EB	6.0	12.0	11.0	8.0						49.5	20			
7	732+90	EB	6.0	12.0	11.0	8.0						49.5	10	12.0	10	
8	735+15	EB	6.0	12.0	11.0	8.0						49.5	10	12.0	10	
9	737+93	EB	6.0	12.0	11.0	8.0						49.5	10	12.0	10	
10	738+68	EB	6.0	12.0	11.0	8.0						49.5	20			
11	805+25	EBDL	6.0	12.0	11.0	8.0						43.5	10	12.0	10	
12	805+25	EBPL	6.0	12.0	11.0	8.0						43.5	10	12.0	10	
13	815+58	EB	80.0	14.0	11.0			124.4		39	124.4	203.5	24			
14	921+41	EB	6.0	12.0	11.0	8.0						43.5	20			
15	922+52	EB	6.0	12.0	11.0	8.0						43.5	20			
16	923+30	EB	6.0	12.0	11.0	8.0						43.5	20			
17	594+04	WB	25.0	12.0	13.0				33.3	12	33.3	87.5	20			33.3
18	596+14	WB	25.0	12.0	13.0				33.3	12	33.3	87.5	20			33.3
19	596+30	WB	6.0	12.0	11.0	8.0						49.5	20			
20	596+66	WB	6.0	12.0	11.0	8.0						49.5	20			
21	604+97	WB	25.0	12.0	13.0				33.3	12	33.3	87.5	20			33.3
22	605+20	WB	8.0	6.0	11.0	5.3						35.5	10			
23	606+89	WB	15.0	12.0	11.0		20.0			7	20.0	67.5	20			
24	631+61	WB	8.0	12.0	11.0	10.7						53.5	20			
25	732+90	WB	6.0	12.0	11.0	8.0						49.5	10	12.0	10	
26	735+15	WB	6.0	12.0	11.0	8.0						49.5	10	12.0	10	
27	737+93	WB	6.0	12.0	11.0	8.0						49.5	10	12.0	10	
28	738+38	WB	62.0	12.0	11.0			82.7		30	82.7	161.5	20			
29	798+35	WBDL	6.0	12.0	11.0	8.0						43.5	10	12.0	10	
30	798+35	WBPL	6.0	12.0	11.0	8.0						43.5	10	12.0	10	
31	800+54	WBDL	6.0	12.0	11.0	8.0						43.5	10	12.0	10	
32	800+54	WBPL	6.0	12.0	11.0	8.0						43.5	10	12.0	10	
33	802+70	WBDL	6.0	12.0	11.0	8.0						43.5	10	12.0	10	
34	802+70	WBPL	6.0	12.0	11.0	8.0						43.5	10	12.0	10	
35	803+45	WBDL	6.0	12.0	11.0	8.0						43.5	10	12.0	10	
36	803+45	WBPL	6.0	12.0	11.0	8.0						43.5	10	12.0	10	
37	804+83	WBDL	6.0	12.0	11.0	8.0						43.5	10	12.0	10	
38	804+83	WBPL	6.0	12.0	11.0	8.0						43.5	10	12.0	10	
39	921+41	WB	6.0	12.0	11.0	8.0						49.5	20			
40	922+52	WB	6.0	12.0	11.0	8.0						49.5	20			
41	923+30	WB	6.0	12.0	11.0	8.0						49.5	20			
TOTAL =						263.3	53.3	316.4	99.9	152.0	469.6	2522.5	642.0	216.0	180.0	99.9
ROUND TO:						264.0	54.0	317.0	100.0	152.0	470.0	2523.0	642.0	216.0	180.0	100.0

* PATCHES WILL BE UTILIZED FOR THE INSTALLATION OF WB APPROACH RUMBLE STRIPS TO US 45/US 50 INTERSECTION

PATCHING - PARTIAL DEPTH											
LANE	STATION	TO	STATION	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	PARTIAL DEPTH REMOVAL, TYPE II, 7" (SQ YD)	PARTIAL DEPTH REMOVAL, TYPE III, 7" (SQ YD)	PARTIAL DEPTH REMOVAL, TYPE IV, 7" (SQ YD)	PARTIAL DEPTH PATCHING (TON)	
EB	591+00		592+50	150.0	5.0	83.3		83.3		32.7	
EB	657+64		659+28	164.0	5.0	91.1		91.1		35.7	
EB	663+98		666+10	212.0	5.0	117.8			117.8	46.2	
EB	682+00		684+30	230.0	5.0	127.8			127.8	50.1	
EB	715+67		717+20	153.0	5.0	85.0		85.0		33.3	
EB	721+65		723+40	175.0	5.0	97.2		97.2		38.1	
EB	812+50		814+07	157.0	5.0	87.2		87.2		34.2	
EB	818+35		820+40	205.0	5.0	113.9			113.9	44.6	
EB	822+37		823+10	73.0	5.0	40.6	40.6			15.9	
EB	862+30		863+05	75.0	5.0	41.7	41.7			16.3	
EB	863+65		864+55	90.0	5.0	50.0		50.0		19.6	
EB	865+68		866+95	127.0	5.0	70.6		70.6		27.7	
EB	868+33		869+95	162.0	5.0	90.0		90.0		35.3	
EB	875+20		877+63	243.0	5.0	135.0			135.0	52.9	
EB	877+87		885+40	753.0	5.0	418.3			418.3	164.0	
EB	891+68		894+95	327.0	5.0	181.7			181.7	71.2	
EB	897+72		900+90	318.0	5.0	176.7			176.7	69.3	
EB	902+50		904+95	245.0	5.0	136.1			136.1	53.4	
TOTAL =							222.2	826.1	3,378.3	1,735.3	
ROUND TO:							223.0	827.0	3,379.0	1,736.0	
WB	591+35		592+10	75.0	5.0	41.7	41.7			16.3	
WB	650+40		652+55	215.0	5.0	119.4			119.4	46.8	
WB	653+27		653+55	28.0	5.0	15.6	15.6			6.1	
WB	657+20		657+75	55.0	5.0	30.6	30.6			12.0	
WB	658+96		660+00	104.0	5.0	57.8		57.8		22.6	
WB	737+93		738+17	24.0	5.0	13.3	13.3			5.2	
WB	814+43		818+95	452.0	5.0	251.1			251.1	98.4	
WB	822+30		823+00	70.0	5.0	38.9	38.9			15.2	
WB	863+60		864+60	100.0	5.0	55.6		55.6		21.8	
WB	867+22		868+27	105.0	5.0	58.3		58.3		22.9	
WB	870+85		877+60	675.0	5.0	375.0			375.0	147.0	
WB	880+90		899+65	1875.0	5.0	1,041.7			1,041.7	408.3	
WB	902+75		906+06	331.0	5.0	183.9			183.9	72.1	
TOTAL =							222.2	826.1	3,378.3	1,735.3	
ROUND TO:							223.0	827.0	3,379.0	1,736.0	

LONGITUDINAL JOINT SEALANT					
LOCATION	STATION	TO	STATION	LENGTH (FOOT)	LONGITUDINAL JOINT SEALANT (FOOT)
CENTERLINE	589+53.92		609+17.67	1,963.8	1,963.8
CENTERLINE	609+17.67		615+61.44	643.8	643.8
CENTERLINE	615+61.44		618+84.00	322.6	322.6
CENTERLINE	618+84.00		621+24.79	240.8	240.8
CENTERLINE	621+24.79		627+59.27	634.5	634.5
CENTERLINE	627+59.27		633+16.93	557.7	557.7
CENTERLINE	644+03.00		644+71.00	68.0	68.0
CENTERLINE	655+90.47		735+75.43	7,985.0	7,985.0
CENTERLINE	737+50.18		772+00.00	3,449.8	3,449.8
EB CENTERLINE	772+00.00		778+80.68	680.7	680.7
EB CENTERLINE	778+43.61		801+41.73	2,298.1	2,298.1
EB CENTERLINE	802+60.23		816+50.00	1,390.5	1,390.5
EB GORE	773+06.00		775+73.70	267.7	267.7
WB CENTERLINE	776+74.00		800+99.77	2,464.8	2,464.8
WB CENTERLINE	802+18.27		820+79.09	1,860.8	1,860.8
WB GORE	817+05.00		819+72.00	267.0	267.0
CENTERLINE	820+79.09		927+50.00	10,670.9	10,670.9
TOTAL =					35,766.3
ROUND TO:					35,767.0

MODEL: Default
FILE: \\blm\c:\p\ul\sect-pw\benefy.com\PI\INDOT\Documents\DOT\Office\Dir\drct_7\Project\74A07\CADD\DATA\CAD\Sheet\74A07-48-Reschedule.dwg

USER NAME = stefnrmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/15/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

QUANTITY SCHEDULES

SCALE: SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	16
CONTRACT NO. 74A07			ILLINOIS FED. AID PROJECT	

SURFACE REMOVAL - BUTT-JOINT						
LOCATION	LENGTH (FOOT)	MAINLINE WIDTH (FOOT)	SHOULDER WIDTH (FOOT)	TOTAL WIDTH (FOOT)	AREA (SQ FT)	HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT (SQ YD)
EAST END OF JOB	45.0	24.0	22.0	46.0	2,070.0	230.0
BRIDGE OMISSION STA 735+75.43	45.0	24.0	22.0	46.0	2,070.0	230.0
BRIDGE OMISSION STA 737+50.18	45.0	24.0	22.0	46.0	2,070.0	230.0
BRIDGE OMISSION STA 801+41.73 EB	45.0	24.0	20.0	44.0	1,980.0	220.0
BIRDGE OMISSION STA 802+60.23 EB	45.0	24.0	20.0	44.0	1,980.0	220.0
BRIDGE OMISSION STA 800+99.77 WB	45.0	24.0	20.0	44.0	1,980.0	220.0
BRIDGE OMISSION STA 802+18.27 WB	45.0	24.0	20.0	44.0	1,980.0	220.0
TOTAL =						1570.0
ROUND TO:						1570.0

CONCRETE MEDIAN, TYPE SB-6.06 (DOWELLED)						
LOCATION	EXISTING ISLAND AREA (SQ FT)	PROPOSED ISLAND AREA (SQ FT)	ISLAND REMOVAL (SQ FT)	CLASS C PATCHES, TYPE II, 13" (SQ YD)	CLASS C PATCHES, TYPE 4, 13" (SQ YD)	CONCRETE MEDIAN, TYPE SB-6.06 (DOWELLED) (SQ FT)
NW QUAD US 45/50 INTERSECTION	240.6	152.2	240.6		26.7	132.2
NE QUAD US 45/50 INTERSECTION	117.7	101.1	117.7	13.1		101.1
SE QUAD US 45/50 INTERSECTION	60.3	115.4	60.3	6.7		115.4
SW QUAD US 45/50 INTERSECTION	235.6	103.2	235.6		26.2	103.2
US 45/50 CROSSOVER	1,630.8	1,147.6	1,630.8		181.2	1,147.6
TOTAL			2,285.0	19.8	234.1	1,599.5
ROUND TO:			2,285.0	20.0	235.0	1,600.0

SURFACE REMOVAL - VARIABLE DEPTH (SPECIAL)		
LOCATION	AREA (SQ FT)	SURFACE REMOVAL VARIABLE DEPTH (SQ YD)
NORTH LEG WORTHY ST/US 50 INTERSECTION	1,296.3	144.0
SOUTH LEG WORTHY ST/US 50 INTERSECTION	3,819.1	424.3
NORTH LEG STATE ST/US 50 INTERSECTION	4,085.4	453.9
SOUTH LEG STATE ST/US 50 INTERSECTION	3,555.1	395.0
NORTH LEG OLIVE RD.	612.2	68.0
SOUTH LEG OLIVE RD.	853.9	94.9
NORTH LEG CR 1200E.	2,541.8	282.4
SOUTH LEG CR 1200E.	2,767.1	307.5
NORTH LEG GINGER RD.	300.4	33.4
NORTH LEG SHAMROCK DR.	312.6	34.7
SOUTH LEG SHAMROCK DR.	2,176.2	241.8
SOUTH LEG US 45/US 50 INTERSECTION	2,495.2	277.2
NORTH LEG BLUE JACK RD.	281.2	31.2
SOUTH LEG BLUE JACK RD.	307.3	34.1
NORTH LEG DEWBERRY RD.	263.6	29.3
SOUTH LEG DEWBERRY RD.	285.3	31.7
SOUTH LEG OLD US 50	627.0	69.7
TOTAL =		2,953.3
ROUND TO:		2,954.0

ADA							
LOCATION	SUBBASE GRANULAR MATERIAL, TYPE B 4" (SQ YD)	PAVEMENT REMOVAL (SQ YD)	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10" (SQ YD)	DETECTABLE WARNINGS (SQ FT)	PCC SIDEWALK 6" (SQ FT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (FOOT)	COMBINATION CURB AND GUTTER REMOVAL (FOOT)
WORTHY ST. NE QUADRANT	21.3	7.4	7.4	13.9	82.4	32.0	32.0
WORTHY ST. SE QUADRANT	15.3	5.2	5.2	16.2	87.7	22.4	22.4
TOTAL =	36.6	12.6	12.6	30.1	170.1	54.4	54.4
ROUND TO:	37.0	13.0	13.0	31.0	171.0	55.0	55.0

INCIDENTAL ASPHALT						
STATION	TO	STATION	AREA (SQ FT)	AREA (SQ YD)	PAVEMENT THICKNESS (IN)	INCIDENTAL HOT-MIX ASPHALT RESURFACING (TON)
		NORTH LEG OLIVE RD.	612.2	68.0	1.88	7.2
		SOUTH LEG OLIVE RD.	853.9	94.9	1.88	10.0
		NORTH LEG CR 1200E.	2541.8	282.4	1.88	29.7
		SOUTH LEG CR 1200E.	2767.1	307.5	1.88	32.4
		NORTH LEG GINGER RD.	300.4	33.4	1.88	3.5
		NORTH LEG SHAMROCK DR.	312.6	34.7	1.88	3.7
		SOUTH LEG SHAMROCK DR.	2176.2	241.8	1.88	25.5
		NORTH LEG BLUE JACK RD.	281.2	31.2	1.88	3.3
		SOUTH LEG BLUE JACK RD.	307.3	34.1	1.88	3.6
		NORTH LEG DEWBERRY RD.	263.6	29.3	1.88	3.1
		SOUTH LEG DEWBERRY RD.	285.3	31.7	1.88	3.3
		SOUTH LEG OLD US 50	627.0	69.7	1.88	7.3
TOTAL =						132.5
ROUND TO:						133.0

CORRUGATED MEDIAN (DOWELLED)		
LOCATION	AREA (SQ FT)	CORRUGATED MEDIAN (DOWELLED) (SQ FT)
WEST SIDE STATE ST/US 50 INTERSECTION	1,805.5	1,805.5
EAST SIDE STATE ST/US 50 INTERSECTION	1,805.5	1,805.5
TOTAL	3,611.0	3,611.0

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

QUANTITY SCHEDULES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	18
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 3 OF 11 SHEETS STA. TO STA.

BITUMINOUS MATERIALS - TACK COAT								
STATION	TO	STATION	LENGTH (FOOT)	TOTAL WIDTH (FOOT)	AREA (SQ FT)	BINDER TACK (POUND)	SURFACE TACK (POUND)	BITUMINOUS MATERIALS (TACK COAT) (POUND)
MAINLINE								
589+53.62		609+51.00	1,997.4	24.0	47,937.1	2,396.9	1,198.4	3,595.3
609+51.00		613+50.88	399.9	33.0	13,196.0	659.8	329.9	989.7
613+50.88		618+84.00	533.1	38.0	20,258.6	1,012.9	506.5	1,519.4
618+84.00		621+08.00	224.0	50.0	11,200.0	560.0	280.0	840.0
621+08.00		623+26.07	218.1	44.0	9,595.1	479.8	239.9	719.6
623+26.07		627+25.95	399.9	33.0	13,196.0	659.8	329.9	989.7
627+25.95		629+90.70	264.8	24.0	6,354.0	317.7	158.9	476.6
629+90.70		633+16.90	326.2	26.5	8,644.3	432.2	216.1	648.3
633+16.90		636+50.60	333.7	29.0	9,677.3	483.9	241.9	725.8
636+50.60		639+17.70	267.1	29.0	7,745.9	387.3	193.6	580.9
639+17.70		641+67.70	250.0	40.5	10,125.0	506.3	253.1	759.4
641+67.70		644+11.36	243.7	52.0	12,670.3	633.5	316.8	950.3
644+11.36		644+62.74	51.4	70.0	3,596.6	179.8	89.9	269.7
644+62.74		647+39.70	277.0	40.0	11,078.4	553.9	277.0	830.9
647+39.70		649+89.70	250.0	34.0	8,500.0	425.0	212.5	637.5
649+89.70		655+90.47	600.8	28.0	16,821.6	841.1	420.5	1,261.6
655+90.47		659+16.70	326.2	26.0	8,482.0	424.1	212.0	636.1
659+16.70		735+45.43	7,628.7	24.0	183,089.5	9,154.5	4,577.2	13,731.7
735+45.43		735+75.43	30.0	24.0	720.0		36.0	36.0
STRUCTURE OMISSION S.N. 013-0001								
737+50.18		737+80.18	30.0	24.0	720.0		36.0	36.0
737+80.18		773+06.93	3,526.8	24.0	84,642.0	4,232.1	2,116.1	6,348.2
773+06.93		776+53.81	346.9	33.0	11,447.0	572.4	286.2	858.5
*** 776+53.81		778+80.68	226.9	19.0	4,310.5	215.5	107.8	323.3
STATION EQUATION: 778+80.68 (BK.) = 778+43.61 (AH.)								
*** 778+43.61		779+65.41	121.8	19.0	2,314.2	115.7	57.9	173.6
*** 779+65.41		800+69.77	2,104.4	24.0	50,504.6	2,525.2	1,262.6	3,787.8
*** 800+69.77		800+99.77	30.0	24.0	720.0		36.0	36.0
STRUCTURE OMISSION S.N. 013-0003								
*** 802+18.27		802+48.27	30.0	24.0	720.0		36.0	36.0
*** 802+48.27		816+25.21	1,376.9	24.0	33,046.6	1,652.3	826.2	2,478.5
** 776+53.81		778+80.68	226.9	24.0	5,444.9	272.2	136.1	408.4
STATION EQUATION: 778+80.68 (BK.) = 778+43.61 (AH.)								
** 778+43.61		801+11.73	2,268.1	23.0	52,166.8	2,608.3	1,304.2	3,912.5
** 801+11.73		801+41.73	30.0	24.0	720.0		36.0	36.0
STRUCTURE OMISSION S.N. 013-0002								
** 802+60.23		802+90.23	30.0	24.0	720.0		36.0	36.0
** 802+90.23		812+76.54	986.3	24.0	23,671.4	1,183.6	591.8	1,775.4
** 812+76.54		816+25.24	348.7	19.0	6,625.3	331.3	165.6	496.9
816+25.24		819+72.14	346.9	33.0	11,447.7	572.4	286.2	858.6
819+72.14		927+05.00	10,732.9	24.0	257,588.6	12,879.4	6,439.7	19,319.1
927+05.00		927+20.00	15.0	24.0	360.0	18.0	9.0	27.0
927+20.00		927+50.00	30.0	24.0	720.0		36.0	36.0
NORTH LEG WEST US 45/US 50 INTERSECTION					6,031.2	301.6	150.8	452.3
SOUTH LEG WEST US 45/US 50 INTERSECTION					9,121.4	456.1	228.0	684.1
NORTH LEG WORTHY ST/US 50 INTERSECTION					2,305.4	115.3	57.6	172.9
SOUTH LEG WORTHY ST/US 50 INTERSECTION					2,949.8	147.5	73.7	221.2
NORTH LEG STATE ST/US 50 INTERSECTION					4,246.9	212.3	106.2	318.5
SOUTH LEG STATE ST/US 50 INTERSECTION					3,624.2	181.2	90.6	271.8
MAINLINE TOTAL =								73,303.2

* - TRANSITION
** - EB LANES
*** - WB LANES

BITUMINOUS MATERIALS - TACK COAT								
STATION	TO	STATION	LENGTH (FOOT)	TOTAL WIDTH (FOOT)	AREA (SQ FT)	BINDER TACK (POUND)	SURFACE TACK (POUND)	BITUMINOUS MATERIALS (TACK COAT) (POUND)
EB SHOULDER								
NORTH US 45/US 50 INTERSECTION			388.8	12.0	4,665.1	233.3	116.6	349.9
592+43.19		592+65.01	21.8	12.0	261.8	13.1	6.5	19.6
592+65.01		609+51.00	1,686.0	12.0	20,231.9	1,011.6	505.8	1,517.4
609+51.00		617+80.00	829.0	10.0	8,290.0	414.5	207.3	621.8
617+80.00		627+25.95	789.3	10.0	7,892.8	394.6	197.3	592.0
627+25.95		632+10.70	484.8	12.0	5,817.0	290.9	145.4	436.3
632+10.70		632+71.93	61.2	11.0	673.5	33.7	16.8	50.5
632+71.93		633+16.93	45.0	11.0	495.0	24.8	12.4	37.1
633+16.93		634+89.77	172.8	11.0	1,901.2	95.1	47.5	142.6
634+89.77		643+22.88	833.1	10.0	8,331.1	416.6	208.3	624.8
US 50/N STATE RD INTERSECTION			321.4	10.0	3,213.8	160.7	80.3	241.0
645+61.85		649+89.70	427.8	10.0	4,278.5	213.9	107.0	320.9
649+89.70		655+90.14	600.4	11.0	6,604.8	330.2	165.1	495.4
655+90.14		655+90.47	0.3	12.0	4.0	0.2	0.1	0.3
655+90.47		656+35.47	45.0	12.0	540.0	27.0	13.5	40.5
656+35.47		670+79.18	1,443.7	12.0	17,324.5	866.2	433.1	1,299.3
672+03.33		698+03.06	2,599.7	12.0	31,196.8	1,559.8	779.9	2,339.8
698+03.06		735+32.20	3,729.1	12.0	44,749.7	2,237.5	1,118.7	3,356.2
735+32.20		735+62.20	30.0	12.0	360.0		18.0	18.0
STRUCTURE OMISSION S.N. 013-0001								
737+37.10		737+67.10	30.0	12.0	360.0		18.0	18.0
737+67.10		760+41.95	2,274.8	12.0	27,298.2	1,364.9	682.5	2,047.4
761+90.78		776+53.81	1,463.0	12.0	17,556.4	877.8	438.9	1,316.7
776+53.81		778+60.44	206.6	17.0	3,512.7	175.6	87.8	263.5
778+60.44		778+80.68	20.2	20.0	404.8	20.2	10.1	30.4
STATION EQUATION: 778+80.68 (BK.) = 778+43.61 (AH.)								
778+43.61		793+86.30	1,542.7	20.0	30,853.8	1,542.7	771.3	2,314.0
793+86.30		796+35.80	249.5	8.0	1,996.0	99.8	49.9	149.7
796+35.80		801+11.73	475.9	20.0	9,518.6	475.9	238.0	713.9
801+11.73		801+41.73	30.0	20.0	600.0		30.0	30.0
STRUCTURE OMISSION S.N. 013-0002								
802+60.23		802+90.23	30.0	20.0	600.0		30.0	30.0
802+90.23		814+18.64	1,128.4	20.0	22,568.2	1,128.4	564.2	1,692.6
814+18.64		816+25.21	206.6	17.0	3,511.7	175.6	87.8	263.4
816+25.21		819+72.14	346.9	11.0	3,816.2	190.8	95.4	286.2
819+72.14		822+14.50	242.4	10.0	2,423.6	121.2	60.6	181.8
822+14.50		902+44.85	7,991.7	10.0	79,916.8	3,995.8	1,997.9	5,993.8
902+44.85		927+05.00	2,424.8	10.0	24,248.2	1,212.4	606.2	1,818.6
927+05.00		927+20.00	15.0	10.0	150.0	7.5	3.8	11.3
927+20.00		927+50.00	30.0	10.0	300.0		15.0	15.0
EB SHOULDER TOTAL =								29,679.5

BITUMINOUS MATERIALS - TACK COAT								
STATION	TO	STATION	LENGTH (FOOT)	TOTAL WIDTH (FOOT)	AREA (SQ FT)	BINDER TACK (POUND)	SURFACE TACK (POUND)	BITUMINOUS MATERIALS (TACK COAT) (POUND)
WB SHOULDER								
NORTH US 45/US 50 INTERSECTION			209.0	10.0	2,090.0	104.5	52.3	156.8
592+20.01		592+65.01	45.0	10.0	450.0	22.5	11.3	33.8
592+65.01		609+51.00	1,686.0	10.0	16,859.9	843.0	421.5	1,264.5
609+51.00		617+36.00	785.0	10.0	7,850.0	392.5	196.3	588.8
617+36.00		621+08.00	188.0	4.0	752.0	37.6	18.8	56.4
621+08.00		623+26.20	218.2	7.0	1,527.4	76.4	38.2	114.6
623+26.20		632+71.93	945.7	10.0	9,457.3	472.9	236.4	709.3
632+71.93		633+16.93	45.0	10.0	450.0	22.5	11.3	33.8
632+71.93		643+13.53	1,041.6	10.0	10,416.0	520.8	260.4	781.2
US 50/N STATE RD INTERSECTION			312.7	10.0	3,127.0	156.4	78.2	234.5
645+50.05		655+90.47	1,040.4	10.0	10,404.2	520.2	260.1	780.3
655+90.47		656+35.47	45.0	10.0	450.0	22.5	11.3	33.8
656+35.47		656+96.70	61.2	10.0	612.3	30.6	15.3	45.9
656+96.70		671+20.05	1,423.4	10.0	14,233.5	711.7	355.8	1,067.5
671+20.05		698+04.44	2,649.1	10.0	26,490.5	1,324.5	662.3	1,986.8
698+04.44		735+58.35	3,718.6	10.0	37,185.8	1,859.3	929.6	2,788.9
735+58.35		735+88.35	30.0	10.0	300.0		15.0	15.0
STRUCTURE OMISSION S.N. 013-0001								
737+66.46		737+96.46	30.0	10.0	300.0		15.0	15.0
737+96.46		761+10.06	2,313.6	10.0	23,136.0	1,156.8	578.4	1,735.2
761+10.06		773+06.93	1,158.9	10.0	11,589.2	579.5	289.7	869.2
773+06.93		776+53.81	346.9	11.0	3,815.7	190.8	95.4	286.2
776+53.81		778+60.44	206.6	17.0	3,512.7	175.6	87.8	263.5
778+60.44		778+80.68	20.2	20.0	404.8	20.2	10.1	30.4
STATION EQUATION: 778+80.68 (BK.) = 778+43.61 (AH.)								
778+43.61		794+12.00	1,568.4	20.0	31,367.8	1,568.4	784.2	2,352.6
794+12.00		796+59.00	247.0					

MAINLINE HOT-MIX ASPHALT											
STATION	TO	STATION	LENGTH (FOOT)	MAINLINE WIDTH (FOOT)	TOTAL WIDTH (FOOT)	AREA (SQ FT)	BINDER COURSE THICKNESS (IN)	SURFACE COURSE THICKNESS (IN)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90 (TON)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N90 (TON)	
589+53.62		592+20.00	266.4	24.0	24.0	6,393.1	1.75	2.0	69.6	79.6	
592+20.00		592+65.00	45.0	24.0	24.0	1,080.0	1.75	2.0	11.8	13.4	
592+65.00		609+51.00	1,686.0	24.0	24.0	40,464.0	1.75	2.0	440.6	503.6	
609+51.00		613+50.88	399.9	33.0	33.0	13,196.0	1.75	2.0	143.7	164.2	
613+50.88		618+84.00	533.1	38.0	38.0	20,258.6	1.75	2.0	220.6	252.1	
618+84.00		621+08.00	224.0	50.0	50.0	11,200.0	1.75	2.0	122.0	139.4	
621+08.00		623+26.07	218.1	44.0	44.0	9,595.1	1.75	2.0	104.5	119.4	
623+26.07		627+25.95	399.9	33.0	33.0	13,196.0	1.75	2.0	143.7	164.2	
627+25.95		629+90.70	264.8	24.0	24.0	6,354.0	1.75	2.0	69.2	79.1	
629+90.70		633+16.90	326.2	26.5	26.5	8,644.3	1.75	2.0	94.1	107.6	
633+16.90		636+50.60	333.7	29.0	29.0	9,677.3	1.75	2.0	105.4	120.4	
636+50.60		639+17.70	267.1	29.0	29.0	7,745.9	1.75	2.0	84.3	96.4	
639+17.70		641+67.70	250.0	40.5	40.5	10,125.0	1.75	2.0	110.3	126.0	
641+67.70		644+11.36	243.7	52.0	52.0	12,670.3	1.75	2.0	138.0	157.7	
644+11.36		644+62.74	51.4	70.0	70.0	3,596.6	1.75	2.0	39.2	44.8	
644+62.74		647+39.70	277.0	40.0	40.0	11,078.4	1.75	2.0	120.6	137.9	
647+39.70		649+89.70	250.0	34.0	34.0	8,500.0	1.75	2.0	92.6	105.8	
649+89.70		655+90.47	600.8	28.0	28.0	16,821.6	1.75	2.0	183.2	209.3	
655+90.47		659+16.70	326.2	26.0	26.0	8,482.0	1.75	2.0	92.4	105.6	
659+16.70		735+30.43	7,613.7	24.0	24.0	182,729.5	1.75	2.0	1,989.7	2,274.0	
735+30.43		735+45.43	15.0	24.0	24.0	360.0	1.38	2.0	3.1	4.5	
735+45.43		735+75.43	30.0	24.0	24.0	720.0		2.5	0.0	11.2	
STRUCTURE OMISSION S.N. 013-0001											
737+50.18		737+80.18	30.0	24.0	24.0	720.0		2.5	0.0	11.2	
737+80.18		737+95.18	15.0	24.0	24.0	360.0	1.38	2.0	3.1	4.5	
737+95.18		773+06.93	3,511.8	24.0	24.0	84,282.0	1.75	2.0	917.7	1,048.8	
773+06.93		776+53.81	346.9	33.0	33.0	11,447.0	1.75	2.0	124.6	142.5	
***		776+53.81	226.9	19.0	19.0	4,310.5	1.75	2.0	46.9	53.6	
STATION EQUATION: 778+80.68 (BK.) = 778+43.61 (AH.)											
***		778+43.61	121.8	19.0	19.0	2,314.2	1.75	2.0	25.2	28.8	
***		779+65.41	2,089.4	24.0	24.0	50,144.6	1.75	2.0	546.0	624.0	
***		800+54.77	15.0	24.0	24.0	360.0	1.38	2.0	3.1	4.5	
***		800+69.77	30.0	24.0	24.0	720.0		2.5	0.0	11.2	
STRUCTURE OMISSION S.N. 013-0003											
***		802+18.27	30.0	24.0	24.0	720.0		2.5	0.0	11.2	
***		802+48.27	15.0	24.0	24.0	360.0	1.38	2.0	3.1	4.5	
***		802+63.27	1,361.9	24.0	24.0	32,686.6	1.75	2.0	355.9	406.8	
**		776+53.81	226.9	24.0	24.0	5,444.9	1.75	2.0	59.3	67.8	
STATION EQUATION: 778+80.68 (BK.) = 778+43.61 (AH.)											
**		778+43.61	2,253.1	24.0	24.0	54,074.9	1.75	2.0	588.8	672.9	
**		800+96.73	15.0	24.0	24.0	360.0	1.38	2.0	3.1	4.5	
**		801+11.73	30.0	24.0	24.0	720.0		2.5	0.0	11.2	
STRUCTURE OMISSION S.N. 013-0002											
**		802+60.23	30.0	24.0	24.0	720.0		2.5	0.0	11.2	
**		802+90.23	15.0	24.0	24.0	360.0	1.38	2.0	3.1	4.5	
**		803+05.23	971.3	24.0	24.0	23,311.4	1.75	2.0	253.8	290.1	
**		812+76.54	348.7	19.0	19.0	6,625.3	1.75	2.0	72.1	82.4	
**		816+25.24	819+72.14	346.9	33.0	11,447.7	1.75	2.0	124.7	142.5	
**		819+72.14	927+05.00	10,732.9	24.0	24.0	257,588.6	1.75	2.0	2,804.9	3,205.5
**		927+05.00	927+20.00	15.0	24.0	360.0	1.38	2.0	3.1	4.5	
**		927+20.00	927+50.00	30.0	24.0	720.0		2.5	0.0	11.2	
NORTH LEG WEST US 45/US 50 INTERSECTION						6,031.2	1.75	2.0	65.7	75.1	
SOUTH LEG WEST US 45/US 50 INTERSECTION						9,121.4	1.75	2.0	99.3	113.5	
NORTH LEG WORTHLEY ST/US 50 INTERSECTION						1,296.3		2.0		16.1	
SOUTH LEG WORTHLEY ST/US 50 INTERSECTION						3,819.1		2.0		47.5	
NORTH LEG STATE ST/US 50 INTERSECTION						4,246.9		2.0		52.8	
SOUTH LEG STATE ST/US 50 INTERSECTION						3,624.2		2.0		45.1	
SOUTH LEG US 45/US 50 INTERSECTION						2,495.2		2.88		44.6	
TOTAL =									10,481.8	12,270.6	

* - TRANSITION ** - EB LANES *** - WB LANES

MODEL: Default
FILE: \\nafe-pw-backend.com\FW\DOT\Documents\DOT_Offices\Dir\dir_7\Project\74A07\CADD\DATA\CAD\Sheet\DOT74A07-45-EB-Schedule.cad

USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

QUANTITY SCHEDULES

SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	20
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT SHOULDERS								
STATION	TO	STATION	LENGTH (FOOT)	MAINLINE WIDTH (FOOT)	TOTAL WIDTH (FOOT)	AREA (SQ FT)	ASPHALT THICKNESS (IN)	HOT-MIX ASPHALT SHOULDERS (TON)
EASTBOUND SHOULDERS								
NORTH US 45/US 50 INTERSECTION								
* 592+43.19		592+65.01	21.8	12	12	4,665.1	3.75	108.9
592+65.01		609+51.00	1,686.0	12	12	20,231.9	3.75	472.1
609+51.00		617+80.00	829.0	10	10	8,290.0	3.75	193.4
619+36.67		627+25.95	789.3	10	10	7,892.8	3.75	184.2
627+25.95		632+10.70	484.8	12	12	5,817.0	3.75	135.7
632+10.70		632+71.93	61.2	32	32	1,959.4	3.75	45.7
* 632+71.93		633+16.93	45.0	11	11	495.0	3.75	11.6
633+16.93		634+89.77	172.8	11	11	1,901.2	3.75	44.4
634+89.77		643+22.88	833.1	10	10	8,331.1	3.75	194.4
US 50/N STATE RD INTERSECTION								
645+61.85		649+89.70	427.8	10	10	4,278.5	3.75	99.8
649+89.70		655+90.14	600.4	11	11	6,604.8	3.75	154.1
655+90.14		655+90.47	0.3	12	12	4.0	3.75	0.1
* 655+90.47		656+35.47	45.0	12	12	540.0	3.75	12.6
656+35.47		670+79.18	1,443.7	12	12	17,324.5	3.75	404.2
672+03.33		698+03.06	2,599.7	12	12	31,196.8	3.75	727.9
698+03.06		735+17.20	3,714.1	12	12	44,569.7	3.75	1,040.0
735+17.20		735+32.20	15.0	12	12	180.0	3.38	3.8
735+32.20		735+62.20	30.0	12	12	360.0	2.50	5.6
STRUCTURE OMISSION S.N. 013-0001								
737+37.10		737+67.10	30.0	12	12	360.0	2.50	5.6
737+67.10		737+82.10	15.0	12	12	180.0	3.19	3.6
737+82.10		760+41.95	2,259.8	12	12	27,118.2	3.75	632.8
761+90.78		776+53.81	1,463.0	12	12	17,556.4	3.75	409.6
776+53.81		778+60.44	206.6	17	17	3,512.7	3.75	82.0
778+60.44		778+80.68	20.2	20	20	404.8	3.75	9.4
STATION EQUATION: 778+80.68 (BK.) = 778+43.61 (AH.)								
778+43.61		793+86.30	1,542.7	20	20	30,853.8	3.75	719.9
793+86.30		796+35.80	249.5	8	8	1,996.0	3.75	46.6
796+35.80		800+96.73	460.9	20	20	9,218.6	3.75	215.1
800+96.73		801+11.73	15.0	20	20	300.0	3.38	6.3
801+11.73		801+41.73	30.0	20	20	600.0	2.50	9.3
STRUCTURE OMISSION S.N. 013-0002								
802+60.23		802+90.23	30.0	20	20	600.0	2.50	9.3
802+90.23		803+05.23	15.0	20	20	300.0	3.38	6.3
803+05.23		814+18.64	1,113.4	20	20	22,268.2	3.75	519.6
814+18.64		816+25.21	206.6	17	17	3,511.7	3.75	81.9
816+25.21		819+72.14	346.9	11	11	3,816.2	3.75	89.0
819+72.14		822+14.50	242.4	10	10	2,423.6	3.75	56.6
822+14.50		902+44.85	7,991.7	10	10	79,916.8	3.75	1,864.7
902+44.85		927+05.00	2,424.8	10	10	24,248.2	3.75	565.8
927+05.00		927+20.00	15.0	10	10	150.0	3.38	3.2
927+20.00		927+50.00	30.0	10	10	300.0	2.50	4.7
EASTBOUND SHOULDERS TOTAL =								
								9,260.8

* - TRANSITION

HOT-MIX ASPHALT SHOULDERS								
STATION	TO	STATION	LENGTH (FOOT)	MAINLINE WIDTH (FOOT)	TOTAL WIDTH (FOOT)	AREA (SQ FT)	ASPHALT THICKNESS (IN)	HOT-MIX ASPHALT SHOULDERS (TON)
WESTBOUND SHOULDERS								
NORTH US 45/US 50 INTERSECTION								
* 592+20.01		592+65.01	45.0	10	10	450.0	3.75	10.5
592+65.01		609+51.00	1,686.0	10	10	16,859.9	3.75	393.4
609+51.00		617+36.00	785.0	10	10	7,850.0	3.75	183.2
619+20.00		621+08.00	188.0	4	4	752.0	3.75	17.5
621+08.00		623+26.20	218.2	7	7	1,527.4	3.75	35.6
623+26.20		632+71.93	945.7	10	10	9,457.3	3.75	220.7
* 632+71.93		633+16.93	45.0	10	10	450.0	3.75	10.5
632+71.93		643+13.53	1,041.6	10	10	10,416.0	3.75	243.0
US 50/N STATE RD INTERSECTION								
645+50.05		655+90.47	1,040.4	10	10	10,404.2	3.75	242.8
* 655+90.47		656+35.47	45.0	10	10	450.0	3.75	10.5
656+35.47		656+96.70	61.2	10	10	612.3	3.75	14.3
656+96.70		671+20.05	1,423.4	10	10	14,233.5	3.75	332.1
671+20.05		698+04.44	2,649.1	10	10	26,490.5	3.75	618.1
698+04.44		727+76.30	2,936.5	10	10	29,365.3	3.75	685.2
727+76.30		735+43.35	767.1	10	10	7,670.5	3.75	179.0
735+43.35		735+58.35	15.0	10	10	150.0	3.38	3.2
735+58.35		735+88.35	30.0	10	10	300.0	2.50	4.7
STRUCTURE OMISSION S.N. 013-0001								
737+62.90		737+92.90	30.0	10	10	300.0	2.50	4.7
737+92.90		738+07.90	15.0	10	10	150.0	3.38	3.2
738+07.90		761+48.01	2,340.1	10	10	23,401.1	3.75	546.0
761+48.01		773+06.93	1,158.9	10	10	11,589.2	3.75	270.4
773+06.93		776+53.81	346.9	11	11	3,815.7	3.75	89.0
776+53.81		778+60.44	206.6	17	17	3,512.7	3.75	82.0
778+60.44		778+80.68	20.2	20	20	404.8	3.75	9.4
STATION EQUATION: 778+80.68 (BK.) = 778+43.61 (AH.)								
778+43.61		794+12.00	1,568.4	20	20	31,367.8	3.75	731.9
794+12.00		796+59.00	247.0	12	12	2,964.0	3.75	69.2
796+59.00		800+54.77	395.8	20	20	7,915.4	3.75	184.7
800+54.77		800+69.77	15.0	20	20	300.0	3.38	6.3
800+69.77		800+99.77	30.0	20	20	600.0	2.50	9.3
STRUCTURE OMISSION S.N. 013-0003								
802+18.27		802+48.27	30.0	20	20	600.0	2.50	9.3
802+48.27		802+63.27	15.0	20	20	300.0	3.38	6.3
802+63.27		814+18.64	1,155.4	20	20	23,107.4	3.75	539.2
814+18.64		816+25.21	206.6	17	17	3,511.7	3.75	81.9
816+25.21		819+72.14	346.9	12	12	4,163.2	3.75	97.1
819+72.14		822+24.98	252.8	12	12	3,034.1	3.75	70.8
822+24.98		902+49.54	7,989.6	12	12	95,875.6	3.75	2,237.1
902+49.54		927+05.00	2,423.4	12	12	29,080.9	3.75	678.6
927+05.00		927+20.00	15.0	12	12	180.0	3.38	3.8
927+20.00		927+50.00	30.0	12	12	360.0	2.50	5.6
WESTBOUND SHOULDERS TOTAL =								
								9,061.8

EASTBOUND SHOULDERS TOTAL =	9,260.8
WESTBOUND SHOULDERS TOTAL =	9,061.8
GRAND TOTAL =	18,322.6
ROUND TO:	18,323.0

RUMBLE STRIPS								
STATION	TO	STATION	LENGTH (FOOT)	MAINLINE WIDTH (FOOT)	TOTAL WIDTH (FOOT)	LENGTH (FOOT)	SHOULDER RUMBLE STRIPS, 16 INCH (FOOT)	
EB SHOULDER								
* 672+50.00		697+27.00	2,477.0	12	12	2,477.0	2,477.0	
* 699+66.00		735+57.67	3,591.7	12	12	3,591.7	3,591.7	
* 737+32.42		760+41.95	2,309.5	12	12	2,309.5	2,309.5	
761+90.78		776+53.81	1,463.0	12	12	1,463.0	1,463.0	
776+53.81		778+60.44	206.6	17	17	206.6	206.6	
778+60.44		778+80.68	20.2	20	20	20.2	40.5	
** 778+80.68		778+43.61						
778+43.61		793+86.00	1,542.4	20	20	1,542.4	3,084.8	
793+86.00		794+82.10	96.1	8	8	96.1	96.1	
795+46.87		796+36.00	89.1	8	8	89.1	89.1	
796+36.00		801+41.73	505.7	20	20	505.7	505.7	
* 801+41.73		802+60.23	118.5					
802+60.23		814+18.64	1,153.4	20	20	1,153.4	1,153.4	
814+18.64		816+25.21	206.6	17	17	206.6	206.6	
816+25.21		819+72.14	346.9	11	11	346.9	346.9	
819+72.14		822+14.50	242.4	10	10	242.4	242.4	
822+14.50		902+44.85	7,991.7	10	10	7,991.7	7,991.7	
902+44.85		927+50.00	2,469.8	10	10	2,469.8	2,469.8	
							EB TOTAL =	26,279.9
WB SHOULDER								
672+50.00		696+60.00	2,410.0	10	10	2,410.0	2,410.0	
699+14.00		727+50.00	2,835.0	10	10	2,835.0	2,835.0	
* 728+34.00		735+91.71	757.7	10	10	757.7	757.7	
* 737+66.46		760+88.00	2,321.5	10	10	2,321.5	2,321.5	
761+90.78		773+06.93	1,136.9	10	10	1,136.9	1,136.9	
773+06.93		776+53.81	346.9	11	11	346.9	346.9	
776+53.81		778+60.44	206.6	17	17	206.6	206.6	
778+60.44		778+80.68	20.2	20	20	20.2	40.5	
** 778+80.68		778+43.61						
778+43.61		794+12.00	1,568.4	20	20	1,568.4	3,136.8	
794+12.00		796+59.00	247.0	12	12	247.0	247.0	
796+59.00		800+99.77	440.8	20	20	440.8	881.5	
* 800+99.77		802+18.27	118.5					
802+18.27		814+18.64	1,200.4	20	20	1,200.4	1,200.4	
814+18.64		816+25.21	206.6	17	17	206.6	206.6	
816+25.21		819+72.14	346.9	12	12	346.9	346.9	
819+72.14		822+24.98	252.8	12	12	252.8		

AGGREGATE SHOULDERS										
STATION	TO	STATION	LENGTH (FOOT)	MAILLINE WIDTH (FOOT)	TOTAL WIDTH (FOOT)	AREA (SQ FT)	SHOULDER THICKNESS (IN)	AREA (CU FT)	AREA (CU YD)	AGGREGATE WEDGE SHOULDERS, TYPE B (TON)
EASTBOUND SHOULDER										
NORTH US 45/US 50 INTERSECTION			388.8	3	3	1,166.3	1.13	109.3	12.1	24.9
592+43.19		609+51.00	1,707.8	3	3	5,123.4	1.13	480.3	53.4	109.4
609+51.00		617+80.00	829.0	3	3	2,487.0	1.13	233.2	25.9	53.1
619+36.67		627+25.95	789.3	3	3	2,367.8	1.13	222.0	24.7	50.6
627+25.95		632+10.70	484.8	3	3	1,454.3	1.13	136.3	15.1	31.1
632+10.70		634+89.77	279.1	3	3	837.2	1.13	78.5	8.7	17.9
634+89.77		643+22.88	833.1	3	3	2,499.3	1.13	234.3	26.0	53.4
INTERSECTION AT US 50 AND N STATE RD			321.4	3	3	964.1	1.13	90.4	10.0	20.6
645+61.85		649+89.70	427.8	3	3	1,283.6	1.13	120.3	13.4	27.4
649+89.70		655+90.14	600.4	3	3	1,801.3	1.13	168.9	18.8	38.5
655+90.14		670+79.18	1,489.0	3	3	4,467.1	1.13	418.8	46.5	95.4
672+03.33		698+03.06	2,599.7	3	3	7,799.2	1.13	731.2	81.2	166.5
698+48.00		735+57.67	3,709.7	3	3	11,129.0	1.13	1,043.3	115.9	237.7
BRIDGE OMISSION S.N. 013-0001										
737+32.42		760+41.95	2,309.5	3	3	6,928.6	1.13	649.6	72.2	148.0
761+90.78		776+53.81	1,463.0	3	3	4,389.1	1.13	411.5	45.7	93.7
776+53.81		778+60.44	206.6	3	3	619.9	1.13	58.1	6.5	13.2
778+60.44		778+80.68	20.2	3	3	60.7	1.13	5.7	0.6	1.3
STATION EQUATION: 778+80.68 (BK.) = 778+43.61 (AH.)										
778+43.61		794+54.27	1,610.7	3	6	9,664.0	1.13	906.0	100.7	206.4
794+54.27		794+82.10	27.8	3	6	167.0	1.13	15.7	1.7	3.6
795+46.87		795+79.72	32.9	3	6	197.1	1.13	18.5	2.1	4.2
795+79.72		801+41.73	562.0	3	6	3,372.1	1.13	316.1	35.1	72.0
BRIDGE OMISSION S.N. 013-0002										
802+60.23		814+18.64	1,158.4	3	6	6,950.5	1.13	651.6	72.4	148.4
814+18.64		816+25.21	206.6	3	3	619.7	1.13	58.1	6.5	13.2
816+25.21		819+72.14	346.9	3	3	1,040.8	1.13	97.6	10.8	22.2
819+72.14		822+14.50	242.4	3	3	727.1	1.13	68.2	7.6	15.5
822+14.50		902+44.85	7,991.7	3	3	23,975.0	1.13	2,247.7	249.7	512.0
902+44.85		927+50.00	2,469.8	3	3	7,409.5	1.13	694.6	77.2	158.2
EAST SHOULDER - US 45 CROSSOVER			126.4	3	3	379.2	1.13	35.6	4.0	8.1
EASTBOUND TCTAL =										2,346.4
WESTBOUND SHOULDER										
NORTH US 45/US 50 INTERSECTION			403.9	3	3	1,211.6	1.13	113.6	12.6	25.9
592+20.01		609+51.00	1,731.0	3	3	5,193.0	1.13	486.8	54.1	110.9
609+51.00		617+36.00	785.0	3	3	2,355.0	1.13	220.8	24.5	50.3
619+20.00		621+08.00	188.0	3	3	564.0	1.13	52.9	5.9	12.0
621+08.00		623+26.20	218.2	3	3	654.6	1.13	61.4	6.8	14.0
623+26.20		643+13.53	1,987.3	3	3	5,962.0	1.13	558.9	62.1	127.3
INTERSECTION AT US 50 AND N STATE RD			312.7	3	3	938.1	1.13	87.9	9.8	20.0
645+50.05		656+96.70	1,146.6	3	3	3,439.9	1.13	322.5	35.8	73.5
656+96.70		671+20.05	1,423.4	3	3	4,270.1	1.13	400.3	44.5	91.2
671+20.05		698+04.44	2,649.1	3	3	7,947.2	1.13	745.0	82.8	169.7
698+04.44		727+76.30	2,936.5	3	3	8,809.6	1.13	825.9	91.8	188.1
727+76.30		735+91.71	778.2	3	3	2,334.6	1.13	218.9	24.3	49.9
BRIDGE OMISSION S.N. 013-0001										
737+66.46		761+10.06	2,343.6	3	3	7,030.8	1.13	659.1	73.2	150.1
761+10.06		773+06.93	1,158.9	3	3	3,476.8	1.13	325.9	36.2	74.2
773+06.93		776+53.81	346.9	3	3	1,040.6	1.13	97.6	10.8	22.2
776+53.81		778+60.44	206.6	3	3	619.9	1.13	58.1	6.5	13.2
778+60.44		778+80.68	20.2	3	3	60.7	1.13	5.7	0.6	1.3
STATION EQUATION: 778+80.68 (BK.) = 778+43.61 (AH.)										
778+43.61		794+12.00	1,568.4	3	6	9,410.3	1.13	882.2	98.0	200.9
794+12.00		796+59.00	247.0	3	6	1,482.0	1.13	138.9	15.4	31.6
796+59.00		800+99.77	440.8	3	6	2,644.6	1.13	247.9	27.5	56.5
BRIDGE OMISSION S.N. 013-0003										
802+18.27		814+18.64	1,200.4	3	6	7,202.2	1.13	675.2	75.0	153.8
814+18.64		816+25.21	206.6	3	3	619.7	1.13	58.1	6.5	13.2
816+25.21		819+72.14	346.9	3	3	1,040.8	1.13	97.6	10.8	22.2
819+72.14		822+24.98	252.8	3	3	758.5	1.13	71.1	7.9	16.2
822+24.98		902+49.54	7,989.6	3	3	23,968.9	1.13	2,247.1	249.7	511.8
902+49.54		927+50.00	2,468.4	3	3	7,405.2	1.13	694.2	77.1	158.1
WEST SHOULDER - US 45 CROSSOVER			92.1	3	3	276.2	1.13	25.9	2.9	5.9
WESTBOUND TOTAL =										2,364.3
GRAND TOTAL =										4,710.7
ROUND TO:										4,711.0

RAISED REFLECTIVE PAVEMENT MARKERS										
STATION	TO	STATION	TYPE	LENGTH (FOOT)	ROUTE	RAISED REFLECTIVE PAVEMENT MARKERS (EACH)			CURB REFLECTORS (EACH)	
						ONE WAY CRYSTAL	ONE WAY AMBER	TWO WAY AMBER		
589+54.00		590+67.00	CL SKIP DASH	113.0	US 50			1.0		
591+28.00		592+24.00	CL SKIP DASH	96.0	US 50			1.0		
			US 45 - NORTH CL	124.0	US 45			1.0		
			US 45 - SOUTH CL	121.0	US 45			1.0		
			RAISED ISLAND - NW QUADRANT		US 45				10	
			RAISED ISLAND - SW QUADRANT		US 45				10	
			RAISED ISLAND - SE QUADRANT		US 45				10	
			RAISED ISLAND - NE QUADRANT		US 45				10	
592+24.00		604+18.00	SD - YELLOW	1,194.0	US 50			14.0		
604+18.00		607+98.00	NPZ	380.0	US 50			4.0		
607+98.00		627+59.00	BELOW							
			DNPZ	120.0	US 50			6.0		
			DOUBLE SOLID YELLOW - MEDIAN - WB SIDE	660.0	US 50		17.0			
			DOUBLE SOLID YELLOW - MEDIAN - EB SIDE	661.5	US 50		17.0			
			DOUBLE SOLID YELLOW/LANE LINE	209.0	US 50	6.0		6.0		
			LANE LINE	215.0	US 50	6.0				
			DOUBLE SOLID YELLOW/LANE LINE	215.0	US 50	6.0		6.0		
			DOUBLE SOLID YELLOW - MEDIAN - WB SIDE	651.7	US 50		17.0			
			DOUBLE SOLID YELLOW - MEDIAN - EB SIDE	651.0	US 50		17.0			
			DNPZ	120.0	US 50			6.0		
627+59.00		632+30.00	DNPZ	471.0	US 50			12.0		
632+30.00		657+60.00	BELOW							
			SOLID YELLOW - CORRUGATED MEDIAN - WB SIDE	236.0	US 50		6.0			
			SOLID YELLOW - CORRUGATED MEDIAN - EB SIDE	534.0	US 50		14.0			
			RT TURN LANE	230.0	US 50	6.0				
			LT TURN LANE	230.0	US 50	6.0				
			LT TURN LANE	262.5	US 50	7.0				
			SOLID YELLOW - CORRUGATED MEDIAN - WB SIDE	489.0	US 50		13.0			
			SOLID YELLOW - CORRUGATED MEDIAN - EB SIDE	200.0	US 50		5.0			
			DNPZ	120.0	US 50			6.0		
657+60.00		661+40.00	NPZ	380.0	US 50			5.0		
661+40.00		699+66.00	SD - YELLOW	3,826.0	US 50			48.0		
699+66.00		727+03.00	SD - YELLOW	2,737.0	US 50			35.0		
727+03.00		735+75.00	NPZ	872.0	US 50			11.0		
OMISSION - S.N. 013-0001										
737+50.00		744+83.00	NPZ	733.0	US 50			10.0		
744+83.00		764+54.00	SD - YELLOW	1,971.0	US 50			25.0		
764+54.00		775+74.00	NPZ	1,120.0	US 50			14.0		
775+74.00	EB	778+80.68	NPZ	306.7	US 50 EB			4.0		
STATION EQUATION										
778+43.61	EB	801+42.00	SD - WHITE	2,298.4	US 50 EB	29.0				
OMISSION S.N. 013-0002										
802+60.00	EB	811+14.00	SD - WHITE	854.9	US 50 EB	11.0				
STATION EQUATION										
781+74.00	WB	801+00.00	SD - WHITE	1,926.8	US 50 WB	25.0				
OMISSION S.N. 013-0003										
802+18.00	WB	814+16.00	SD - WHITE	1,198.0	US 50 WB	15.0				
814+16.00	WB	817+05.00	NPZ	289.0	US 50 WB			4.0		
			US 50 MEDIAN ISLAND		US 50				10	
775+74.00		778+80.68	NPZ	306.7	US 50 EB			4.0		
814+16.00		817+05.00	NPZ	289.0	US 50 WB			4.0		
817+05.00		828+32.00	NPZ	1,127.0	US 50			15.0		
828+32.00		912+78.00	SD - YELLOW	8,446.0	US 50			106.0		
912+78.00		927+50.00	SD - YELLOW	1,476.0	US 50			19.0		
SUB TOTAL						117.0	106.0	368.0		
GRAND TOTAL -							591.0		50	

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USER NAME = stef@nmk	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/15/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

4" PAVEMENT MARKING												
STATION	TO	STATION	TYPE	LENGTH (FOOT)	PRA DEDUCT (FOOT)	# OF STRIPES (EACH)	ROUTE	PAINT PAVEMENT MARKING - LINE 4" (FOOT)		THERMOPLASTIC PAVEMENT MARKING - LINE 4" (FOOT)		GROOVING FOR RECESSED PAVEMENT MARKING 5" (FOOT)
								WHITE	YELLOW	WHITE	YELLOW	
589+54.00		592+24.00	BELOW									
			EL	224.3		1.00	US 45			224.3		224.3
			EL - INSIDE RADIUS	120.2		1.00	US 45			120.2		120.2
			EL - INSIDE RADIUS	146.1		1.00	US 45			146.1		146.1
			EL	219.7		1.00	US 45			219.7		219.7
			SD - YELLOW	123.7		0.25	US 45				30.9	30.9
			EL	207.9		1.00	US 45			207.9		207.9
			EL - INSIDE RADIUS	125.1		1.00	US 45			125.1		125.1
			EL - INSIDE RADIUS	120.4		1.00	US 45			120.4		120.4
			EL	221.3		1.00	US 45			221.3		221.3
			SD - YELLOW	120.7		0.25	US 45				30.2	30.2
592+24.00		604+18.00	EL/EL/SD - YELLOW	1,194.0		2.25	US 50			2,388.0	298.5	2,686.5
604+18.00		607+98.00	EL/EL/NPZ	380.0		2.25	US 50			760.0	475.0	1,235.0
607+98.00		627+59.00	BELOW									
			EL/EL	VAR		2.00	US 50			1,790.3		1,790.3
			DOUBLE SOLID YELLOW/NP ZONE	990.0		2.00	US 50				1,980.0	1,980.0
			DOUBLE SOLID YELLOW/NP ZONE	782.0		2.00	US 50				1,564.0	1,564.0
			DOUBLE SOLID YELLOW/NP ZONE	867.0		2.00	US 50				1,734.0	1,734.0
			DOUBLE SOLID YELLOW/NP ZONE	651.7		2.00	US 50				1,303.4	1,303.4
			EL/EL	VAR		2.00	US 50			1,781.8		1,781.8
627+59.00		632+30.00	EL/EL/DNPZ	471.0		4.00	US 50			942.0	942.0	1,884.0
632+30.00		656+40.00	BELOW									
			EL/EL	VAR		2.00	US 50			2,403.4		2,403.4
			SOLID YELLOW - CORRUGATED MEDIAN	VAR		2.00	US 50				770.0	770.0
			SKIP DASH YELLOW	33.5		0.25	MAIN ST.				8.4	8.4
			SKIP DASH YELLOW	39.1		0.25	MAIN ST.				9.8	9.8
			SOLID YELLOW - CORRUGATED MEDIAN	VAR		2.00	US 50				690.2	690.2
			EL/EL	VAR		2.00	US 50			2,412.3		2,412.3
656+40.00		661+40.00	EL/EL/NPZ	500.0		3.25	US 50			1,000.0	625.0	1,625.0
661+40.00		699+66.00	EL/EL/SD - YELLOW	3,826.0	622.1	2.25	US 50			7,029.9	956.5	7,986.4
699+66.00		727+03.00	EL/EL/SD - YELLOW	2,737.0		2.25	US 50			5,474.0	684.3	6,158.3
727+03.00		735+75.00	EL/EL/NPZ	872.0	84.0	3.25	US 50			1,660.0	1,090.0	2,750.0
OMISSION - S.N. 013-0001												
737+50.00		744+83.00	EL/EL/NPZ	733.0		3.25	US 50			1,466.0	916.3	2,382.3
744+83.00		769+25.00	EL/EL/SD - YELLOW	2,442.0	313.0	2.25	US 50			4,571.0	610.5	5,181.5
769+25.00		774+25.00	EL/EL/NPZ	500.0		3.25	US 50			1,000.0	625.0	1,625.0
774+25.00	EB	778+80.68	EL/DOUBLE EL	455.7		3.00	US 50 EB			455.7	911.4	1,367.0
STATION EQUATION												
778+43.61	EB	778+72.00	EL/DOUBLE EL	28.4		3.00	US 50 EB			28.4	56.8	85.2
778+72.00	EB	801+43.00	EL/EL	2,271.0	284.0	2.00	US 50 EB			1,987.0	2,237.0	4,224.0
OMISSION S.N. 013-0002												
802+60.00	EB	809+79.00	EL/EL	719.0		2.00	US 50 EB			719.0	719.0	1,438.0
809+79.00	EB	814+19.00	EL/EL	440.0		2.00	US 50 EB			440.0	440.0	880.0
814+19.00	EB	818+65.00	EL/DOUBLE EL	446.0		3.00	US 50 EB			446.0	892.0	1,338.0
774+25.00	WB	778+80.68	EL/DOUBLE EL	455.7		3.00	US 50 WB			455.7	911.4	1,367.0
STATION EQUATION												
778+43.61	WB	778+74.00	EL/DOUBLE EL	30.4		3.00	US 50 WB			30.4	60.8	91.2
778+74.00	WB	782+67.00	EL/EL	393.0		2.00	US 50 WB			393.0	393.0	786.0
782+67.00	WB	801+00.00	EL/EL	1,833.0	125.0	2.00	US 50 WB			1,833.0	1,708.0	3,541.0
OMISSION S.N. 013-0003												
802+18.00	WB	814+19.00	EL/EL	1,201.0		2.00	US 50 WB			1,201.0	1,201.0	2,402.0
814+19.00	WB	818+65.00	EL/DOUBLE EL	446.0		3.00	US 50 WB			446.0	892.0	1,338.0
			YELLOW EL	VAR		1.00	US 50 MEDIAN				259.1	259.1
818+65.00		828+32.00	EL/EL/NPZ	967.0	176.0	3.25	US 50			2,078.0	1,408.8	3,486.8
828+32.00		912+78.00	EL/EL/SD - YELLOW	8,446.0	267.0	2.25	US 50	16,625.0	2,111.5			
912+78.00		927+50.00	EL/EL/SD - YELLOW	1,476.0		2.25	US 50	2,952.0	369.0			
SUB TOTAL								19,577.0	2,480.5	46,576.8	27,434.0	
GRAND TOTAL =								22,057.5		74,010.8		74,010.8
ROUND TO:								22,053.0		74,011.0		74,011.0

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USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/15/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

QUANTITY SCHEDULES

SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	23
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

6" PAVEMENT MARKING									
STATION	TO	STATION	TYPE	LENGTH (FOOT)	# OF STRIPES (EACH)	ROUTE	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (FOOT)		GROOVING FOR RECESSED PAVEMENT MARKING 7" (FOOT)
							WHITE	YELLOW	
609+18.00		627+59.00	BELOW						
			SINGLE SOLID WHITE (LT TURN LANE)	198.0	1.00	US 50	198.0		198.0
			CROSSWALK	101.7	2.00	US 50	203.4		203.4
			SINGLE SOLID WHITE (LT/RT TURN LANE)	VAR	2.00	US 50	401.4		401.4
632+30.00		656+40.00	BELOW						
			SINGLE SOLID WHITE (LT/RT TURN LANE)	VAR	2.00	US 50	430.0		430.0
			SINGLE SOLID WHITE (LT TURN LANE)	262.5	1.00	US 50	262.5		262.5
778+72.00	EB	809+79.00	SKIP DASH - WHITE	3,107.0	0.25	US 50	776.8		776.8
782+74.00	WB	814+19.00	SKIP DASH - WHITE	3,145.0	0.25	US 50	786.3		786.3
SUB TOTAL							3,058.3	0.0	
GRAND TOTAL =							3,058.3		3,058.3
ROUND TO:							3,059.0		3,059.0

8" PAVEMENT MARKING									
STATION	TO	STATION	TYPE	LENGTH (FOOT)	ROUTE	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (FOOT)		GROOVING FOR RECESSED PAVEMENT MARKING 9" (FOOT)	
						WHITE	YELLOW		
589+54.00		592+24.00	BELOW						
			STRIPED ISLAND - NW QUADRANT	133.3			133.3	133.3	
			STRIPED ISLAND - NE QUADRANT	139.7			139.7	139.7	
			STRIPED ISLAND - SE QUADRANT	137.9			137.9	137.9	
			STRIPED ISLAND - SW QUADRANT	134.3			134.3	134.3	
609+18.00		627+59.00	BELOW						
			STRIPED ISLAND (RT TURN LANE)	VAR	WORTHEY ST.		75.4	75.4	
			STRIPED ISLAND (RT TURN LANE)	VAR	US 50		76.0	76.0	
632+30.00		656+40.00	BELOW						
			STRIPED ISLAND (RT TURN LANE)	VAR	US 50		169.6	169.6	
			STRIPED ISLAND (RT TURN LANE)	VAR	MAIN ST.		132.4	132.4	
			STRIPED ISLAND (RT TURN LANE)	VAR	MAIN ST.		131.1	131.1	
			STRIPED ISLAND (RT TURN LANE)	VAR	CR 1200 E		154.3	154.3	
			STRIPED ISLAND (RT TURN LANE)	VAR	CR 1200 E		143.8	143.8	
SUB TOTAL							1,427.8	0.0	
GRAND TOTAL =							1,427.8		1,427.8
ROUND TO:							1,428.0		1,428.0

12" PAVEMENT MARKING									
STATION	TO	STATION	TYPE	LENGTH (FOOT)	# OF STRIPES (EACH)	ROUTE	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (FOOT)		GROOVING FOR RECESSED PAVEMENT MARKING 13" (FOOT)
							WHITE	YELLOW	
589+54.00		592+24.00	BELOW						
			STRIPED ISLAND DIAGONALS - NW QUADRANT	82.1	6.0		82.1		82.1
			OUTSIDE RADIUS DIAGONALS - NW QUADRANT	68.1	8.0		68.1		68.1
			STRIPED ISLAND DIAGONALS - NE QUADRANT	88.5	6.0		88.5		88.5
			OUTSIDE RADIUS DIAGONALS - NE QUADRANT	91.7	11.0		91.7		91.7
			STRIPED ISLAND DIAGONALS - SE QUADRANT	88.2	6.0		88.2		88.2
			OUTSIDE RADIUS DIAGONALS - SE QUADRANT	65.8	8.0		65.8		65.8
			STRIPED ISLAND DIAGONALS - SW QUADRANT	81.2	6.0		81.2		81.2
			OUTSIDE RADIUS DIAGONALS - SQ QUADRANT	80.4	9.0		80.4		80.4
609+18.00		627+59.00	BELOW						
			STRIPED MEDIAN DIAGONALS	VAR.	23.00	US 50	243.3		243.3
			STRIPED ISLAND (RT TURN LANE)	VAR		WORTHEY ST.	36.2		36.2
			STRIPED ISLAND (RT TURN LANE)	VAR		US 50	18.5		18.5
			STRIPED MEDIAN DIAGONALS	VAR	23.00	US 50	240.7		240.7
632+30.00		656+40.00	BELOW						
			STRIPED ISLAND (RT TURN LANE)	VAR		US 50	101.1		101.1
			STRIPED ISLAND (RT TURN LANE)	VAR		MAIN ST.	81.7		81.7
			STRIPED ISLAND (RT TURN LANE)	VAR		MAIN ST.	80.6		80.6
			STRIPED ISLAND (RT TURN LANE)	VAR		CR 1200 E	72.6		72.6
	EB		STRIPED MEDIAN DIAGONALS	VAR		CR 1200 E	275.0		275.0
	WB		STRIPED MEDIAN DIAGONALS	VAR		CR 1200 E	345.0		345.0
SUB TOTAL							1,520.7	620.0	
GRAND TOTAL =							2,140.7		2,140.7
ROUND TO:							2,141.0		2,141.0

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/15/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

QUANTITY SCHEDULES

SCALE: SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	24
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

24" PAVEMENT MARKING									
STATION	TO	STATION	TYPE	LENGTH (FOOT)	# OF STRIPES (EACH)	ROUTE	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (FOOT)		GROOVING FOR RECESSED PAVEMENT MARKING 25" (FOOT)
							WHITE	YELLOW	
589+54.00		592+24.00	BELOW						
			STOP BAR	12.0	1.00	US 50	12.0		12.0
			STOP BAR	12.0	1.00	US 50	12.0		12.0
			STOP BAR	19.2	1.00	US 45	19.2		19.2
			STOP BAR	17.5	1.00	US 45	17.5		17.5
			STOP BAR	21.6	1.00	US 45	21.6		21.6
			STOP BAR	18.0	1.00	US 45	18.0		18.0
			STOP BAR	20.0	1.00	US 45	20.0		20.0
			STOP BAR	18.0	1.00	US 45	18.0		18.0
609+18.00		627+59.00	BELOW						
			STOP BAR	33.7	1.00	US 50	33.7		33.7
			STOP BAR	17.6	1.00	WORTHEY ST.	17.6		17.6
			STOP BAR	23.7	1.00	WORTHEY ST.	23.7		23.7
			STOP BAR	26.0	1.00	US 50	26.0		26.0
			STOP BAR	12.2	1.00	US 50	12.2		12.2
632+30.00		656+40.00	BELOW						
			STOP BAR	28.0	1.00	US 50	28.0		28.0
			STOP BAR	18.0	1.00	US 50	18.0		18.0
			STOP BAR	18.0	1.00	MAIN ST.	18.0		18.0
			STOP BAR	12.0	1.00	MAIN ST.	12.0		12.0
			STOP BAR	12.0	1.00	MAIN ST.	12.0		12.0
			STOP BAR	18.0	1.00	MAIN ST.	18.0		18.0
			STOP BAR	42.2	1.00	US 50	42.2		42.2
			STOP BAR	18.0	1.00	CR 1200 E	18.0		18.0
			STOP BAR	20.6	1.00	CR 1200 E	20.6		20.6
			STOP BAR	18.0	1.00	US 50 MEDIAN	18.0		18.0
SUB TOTAL							456.3	0.0	
GRAND TOTAL =							456.3		456.3
ROUND TO:							457.0		457.0

PAVEMENT MARKING - LETTERS AND SYMBOLS								
STATION	TO	STATION	TYPE	LENGTH (FOOT)	ROUTE	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SQ FT)		GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS (SQ FT)
						WHITE	YELLOW	
609+18.00		627+59.00	BELOW					
			LEFT TURN ARROWS		US 50	46.8		151.2
			LEFT TURN ARROWS		US 50	62.4		201.6
			RIGHT TURN ARROWS		US 50	62.4		201.6
632+30.00		656+40.00	BELOW					
			LEFT TURN ARROWS		US 50	62.4		201.6
			RIGHT TURN ARROWS		US 50	62.4		201.6
			LEFT TURN ARROWS		US 50	78.0		252.0
780+15.00		781+97.00	LANE REDUCTION ARROWS			83.0		209.0
810+98.00		812+39.00	LANE REDUCTION ARROWS			83.0		209.0
794+74.00		795+88.00	YIELD LINE	17.5	US 50 MEDIAN	18.0		18.0
SUB TOTAL						558.4	0.0	
GRAND TOTAL =						558.4		1,645.6
ROUND TO:						558.4		1,646.0

POINT #	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION	TIES	PROTECT OR RESET	PERMANENT SURVEY MARKERS, TYPE I (EACH)	PROTECTING AND RESET SURVEY MARKERS (EACH)
2	731117.51	954297.4	0+00 (US 45 SOUTH) = 795+15.19 (US 50 CL SURVEY)	CL	MAG & WASHER IN CUT "X"	YES	ALUM. IDOT DISK	1	1

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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -					SCALE: SHEET 10 OF 11 SHEETS STA. TO STA.			CONTRACT NO. 74A07		
PLOT DATE = 2/15/2022	DATE -	REVISED -					ILLINOIS FED. AID PROJECT					

SIGN PANELS												
ROUTE	EXISTING STATION	EXISTING OFFSET	PROPOSED STATION	PROPOSED OFFSET	DESCRIPTION	CATALOG #	SIZE	AREA (SQ FT)	POST LENGTH TO BOTTOM OF SIGN PANEL (FOOT)	RELOCATE SIGN PANEL TYPE 1 (SQ FT)	RELOCATE SIGN PANEL ASSEMBLY - TYPE B (EACH)	TELESCOPING STEEL SIGN SUPPORT (FOOT)
US 45 / US 50 JUNCTION (WEST OF FLORA)												
NW QUADRANT - RAISED ISLAND	590+65	20' RT	590+68	19' RT	STOP	R1-1	36 X 36	9	11.2			14.2
NW QUADRANT - RAISED ISLAND	590+65	20' RT	590+61	106' LT	US ROUTE 45	M1-4	24 X 24	4	12.2		1	15.4
					DIRECTIONAL ARROW	M6-1 (LEFT)	21 X 15	2.2				
					US ROUTE 50	M1-4	24 X 24	4				
					DIRECTIONAL ARROW	M6-4	21 X 15	2.2				
NE QUADRANT - RAISED ISLAND	591+22	15' RT	591+22	17' RT	STOP	R1-1	36 X 36	9	11.2			14.2
NE QUADRANT - RAISED ISLAND	591+22	15' RT	592+19	15' RT	US ROUTE 50	M1-4	24 X 24	4	12.2		1	15.4
					DIRECTIONAL ARROW	M6-3	21 X 15	2.2				
					US ROUTE 45	M1-4	24 X 24	4				
					DIRECTIONAL ARROW	M6-1	21 X 15	2.2				
SE QUADRANT - RAISED ISLAND	591+25	70' RT	591+26	70' RT	STOP	R1-1	36 X 36	9	11.2			14.2
SE QUADRANT - RAISED ISLAND	591+25	70' RT	591+35	195' RT	US ROUTE 45	M1-4	24 X 24	4	12.2		1	15.4
					DIRECTIONAL ARROW	M6-6	21 X 15	2.2				
					US ROUTE 50	M1-4	24 X 24	4				
					DIRECTIONAL ARROW	M6-4	21 X 15	2.2				
SW QUADRANT - RAISED ISLAND	591+73	70' RT	589+56	76' RT	US ROUTE 50	M1-4	24 X 24	4	12.2		1	15.4
					DIRECTIONAL ARROW	M6-3	21 X 15	2.2				
					US ROUTE 45	M1-4	24 X 24	4				
					DIRECTIONAL ARROW	M6-6 (LEFT)	21 X 15	2.2				
US 45/US 50 WB	782+43	LT SIDE	785+12	LT SIDE	LANE ENDS	W4-2	36 x 36	9		9		
US 45/US 50 WB	782+43	RT SIDE	785+12	RT SIDE	LANE ENDS	W4-2	36 x 36	9		9		
US 45/US 50 WB	784+93	LT SIDE	787+62	LT SIDE	LEFT LANE ENDS	W9-1	36 x 36	9		9		
US 45/US 50 WB	784+93	RT SIDE	787+62	RT SIDE	LEFT LANE ENDS	W9-1	36 x 36	9		9		
US 45/US 50 EB	807+91	LT SIDE	804+83	LT SIDE	LEFT LANE ENDS	W9-1	36 x 36	9		9		
US 45/US 50 EB	807+91	RT SIDE	804+83	RT SIDE	LEFT LANE ENDS	W9-1	36 x 36	9		9		
US 45/US 50 EB	810+40	LT SIDE	807+35	LT SIDE	LANE ENDS	W4-2	36 x 36	9		9		
US 45/US 50 EB	810+40	RT SIDE	807+35	RT SIDE	LANE ENDS	W4-2	36 x 36	9		9		
TOTAL										72.0	4	104.2
ROUND TO:												105.0

US 45/US 50 CROSSOVER REPLACEMENT											
LOCATION	STATION	EXISTING CROSSOVER PAVEMENT AREA (SQ FT)	EXISTING PAVED SHOULDER AREA (SQ FT)	* PROPOSED SUBBASE AREA (SQ FT)	PROPOSED CROSSOVER PAVEMENT AREA (SQ FT)	PROPOSED PAVED SHOULDER AREA (SQ FT)	PAVEMENT REMOVAL (SQ YD)	SUBBASE GRANULAR MATERIAL, TYPE B 4" (SQ YD)	PORTLAND CEMENT CONCRETE PAVEMENT, 10" (SQ YD)	PORTLAND CEMENT CONCRETE SHOULDERS, 10" (SQ YD)	
US 45/US 50 CROSSOVER	795+15.00	6,445.2	2,011.1	8,803.8	6,445.2	2,011.1	939.6	978.2	716.1	223.5	
TOTAL							939.6	978.2	716.1	223.5	
ROUND TO:							940.0	979.0	717.0	224.0	

* - SUBBASE AREA INCLUDES 18" BEYOND PROPOSED EDGES OF PAVEMENT
NOTE - ALL AREAS MEASURED IN CAD

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PLOT DATE = 2/15/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

QUANTITY SCHEDULES			
SCALE:	SHEET 11 OF 11 SHEETS	STA.	TO STA.

F.A.P. RTE. 327	SECTION (8-2)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 26
CONTRACT NO. 74A07			ILLINOIS FED. AID PROJECT	

** - SIGN PANEL ASSEMBLY TO BE RELOCATED FROM THE EXISTING RAISED ISLAND IN THE RESPECTIVE INTERSECTION QUADRANTS. SIGN PANEL ASSEMBLY TO BE RELOCATED TO THE BEGINNING OF THE INTERSECTION RADIUS

** - RELOCATE SIGN PANEL ASSEMBLY - TYPE B



M1-4 M1-4
M6-1(L) M6-4

ISLAND REMOVAL

117.7 SQ FT

CONCRETE MEDIAN TYPE SB-6.06 (DOWELLED)
101.1 SQ FT

** - RELOCATE SIGN PANEL ASSEMBLY - TYPE B



M1-4 M1-4
M6-1 M6-3

CLASS B PATCHES, TYPE IV, 13"
(SEE DISTRICT 7 DETAIL Z0055300)

SECTION (8-2)RS-1 BEGINS

STATION 589+53.62

FAP 327 (US 50)

589

CL US 45/US 50

** - RELOCATE SIGN PANEL ASSEMBLY - TYPE B



M1-4 M1-4
M6-6(L) M6-3

SEE PAVING DETAILS

CONCRETE MEDIAN TYPE SB-6.06 (DOWELLED)
115.4 SQ FT

ISLAND REMOVAL
60.3 SQ FT

** - RELOCATE SIGN PANEL ASSEMBLY - TYPE B



M1-4 M1-4
M6-6 M6-4

CONCRETE MEDIAN TYPE SB-6.06 (DOWELLED)
103.2 SQ FT

ISLAND REMOVAL
235.6 SQ FT

HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"

ISLAND REMOVAL

HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)

PAVEMENT REMOVAL

MILLING TRANSITION

HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"



MATCH LINE STATION 598+00.00



MATCH LINE STATION 613+00.00

CLASS B PATCHES, TYPE IV, 13"
(SEE DISTRICT 7 DETAIL Z0055300)

MATCH LINE STATION 598+00.00

CL US 45/US 50

ISLAND REMOVAL

HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)

PAVEMENT REMOVAL

HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"

MILLING TRANSITION

HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

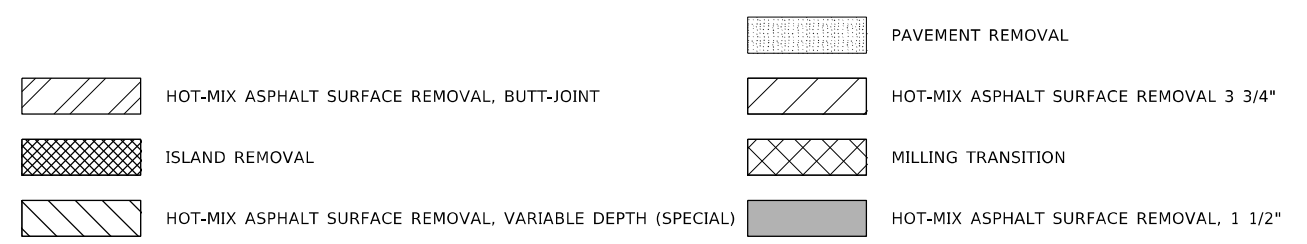
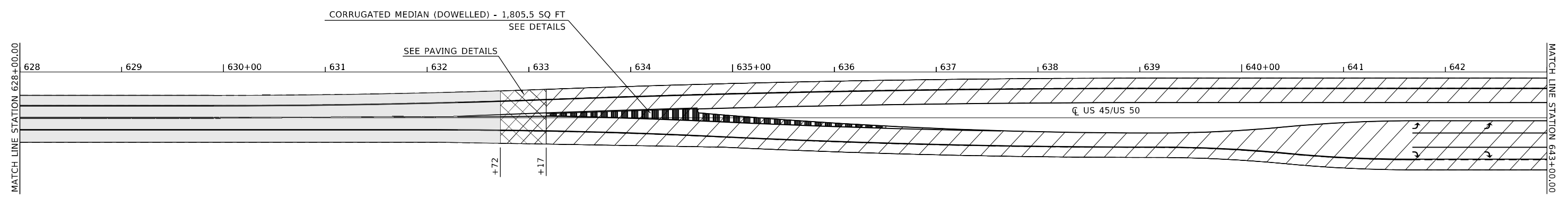
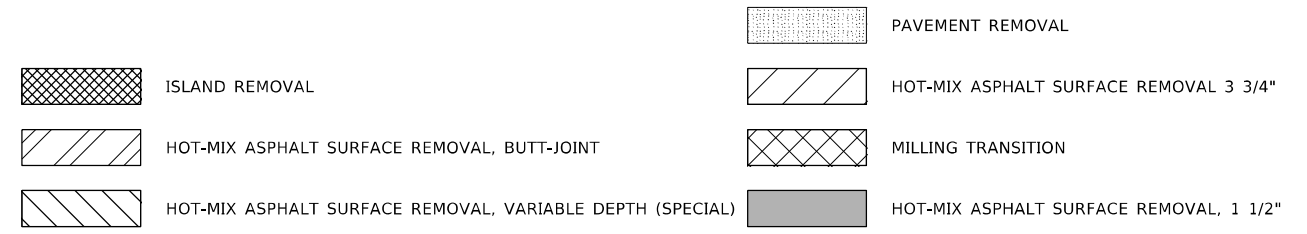
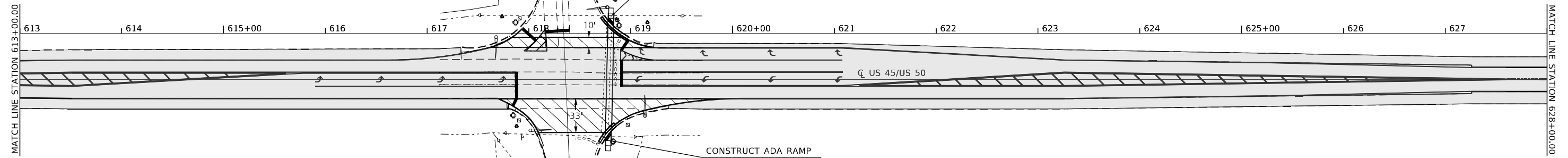
PLAN SHEETS - US 45/50

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SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	27
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

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 DATE: 2/16/2022

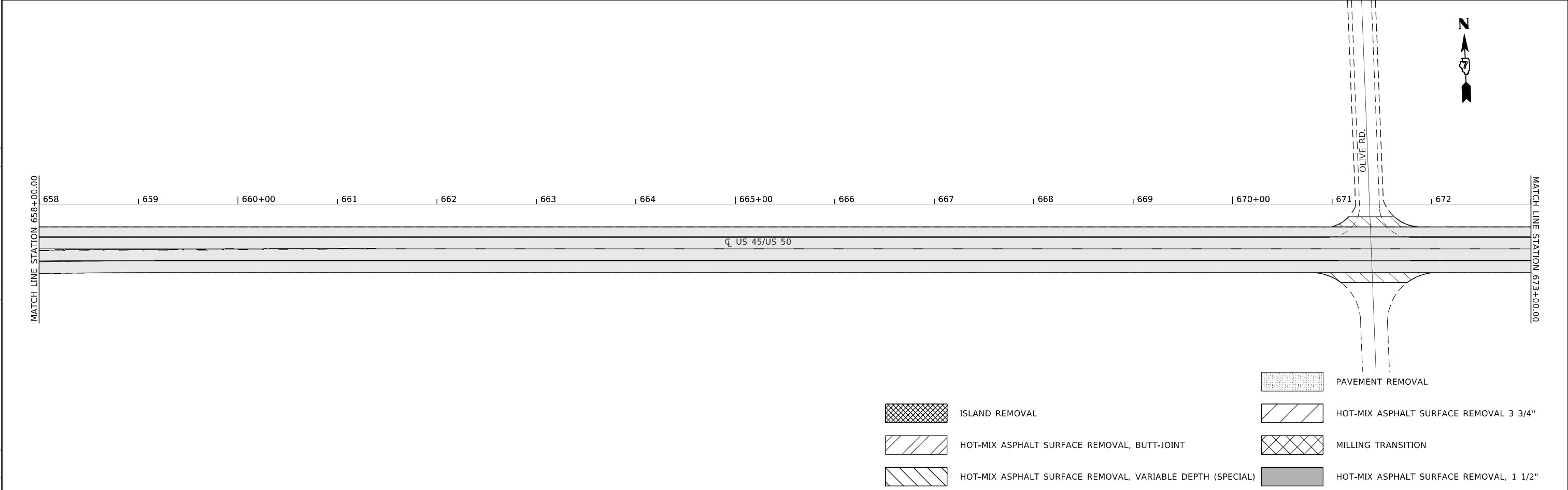
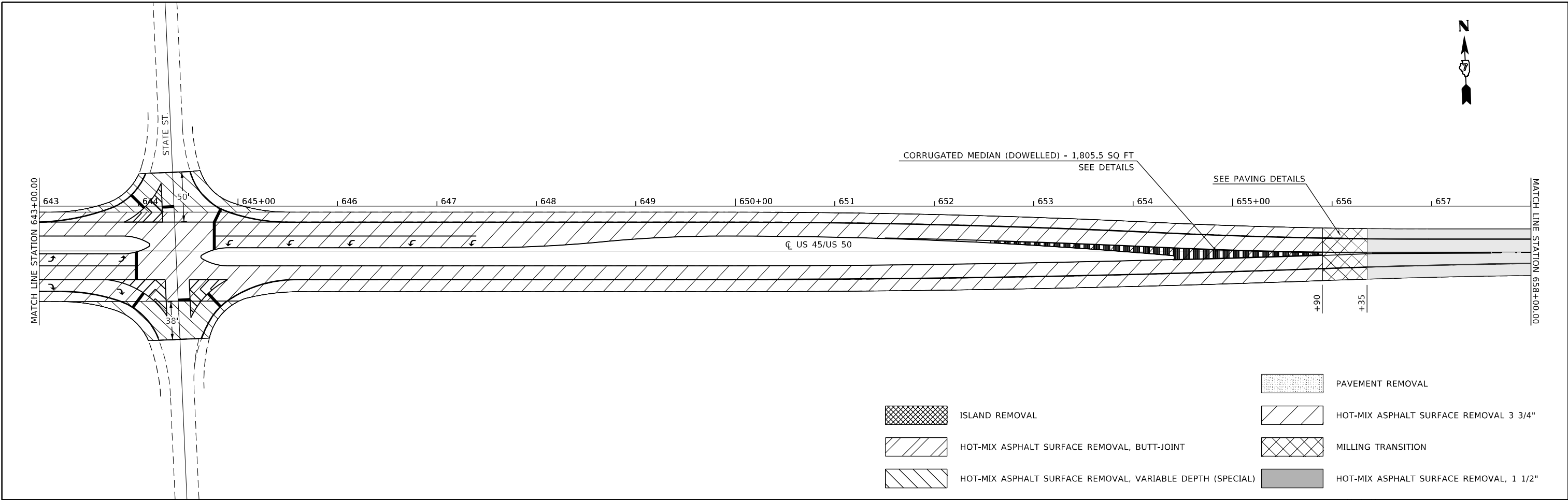
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PLOT DATE = 2/16/2022	DATE -	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS - US 45/50

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	28
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



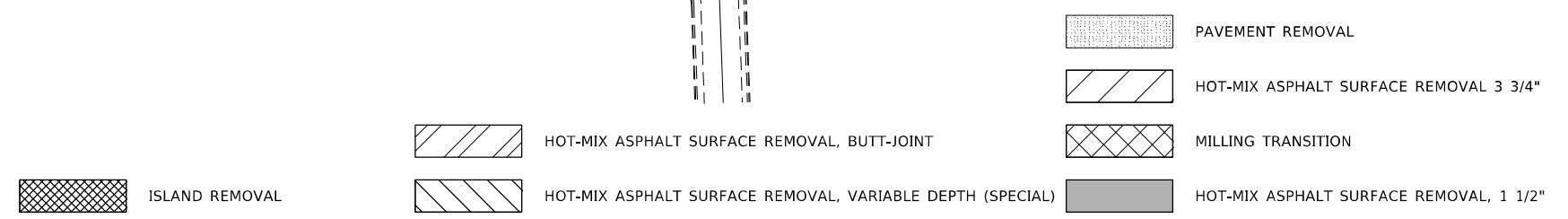
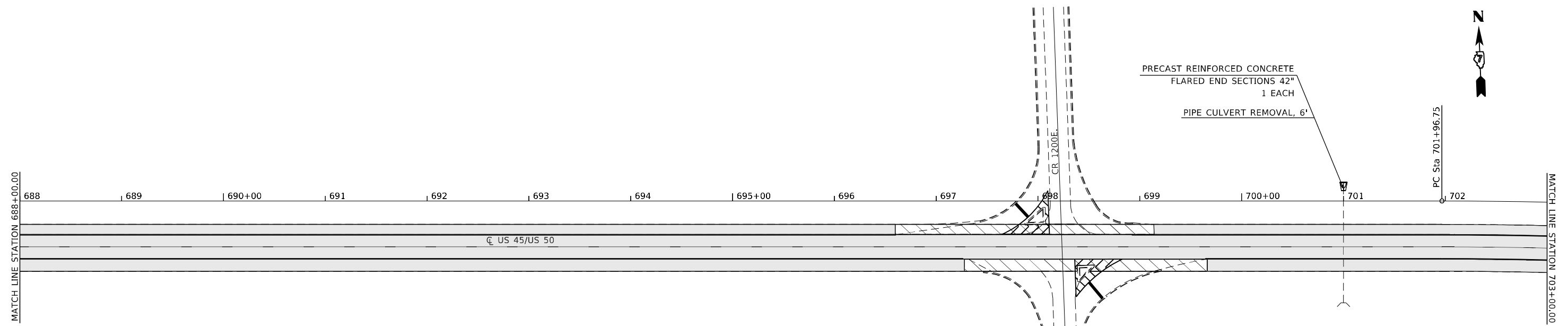
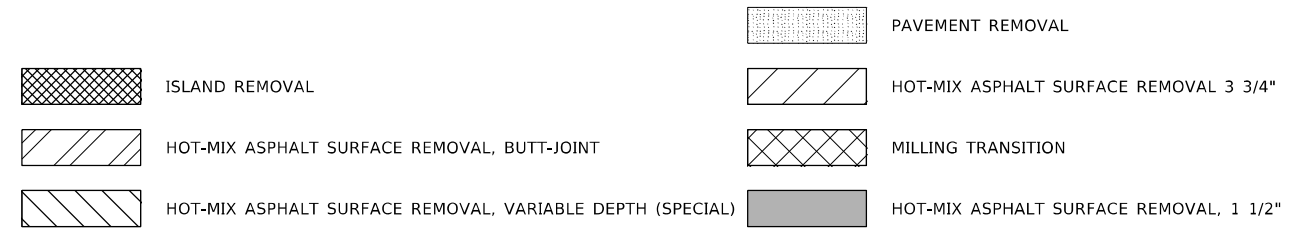
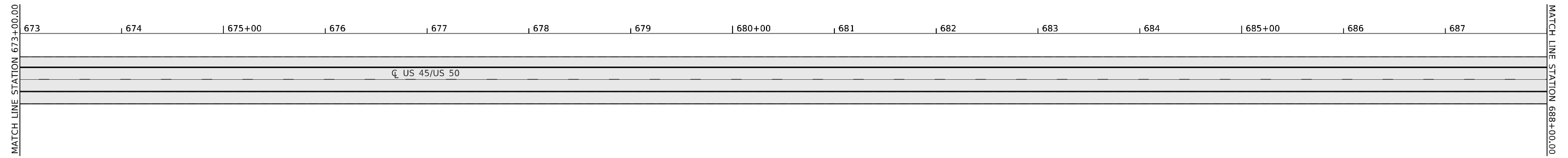
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PLOT DATE = 2/16/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - US 45/50			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 327	SECTION (8-2)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 29
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

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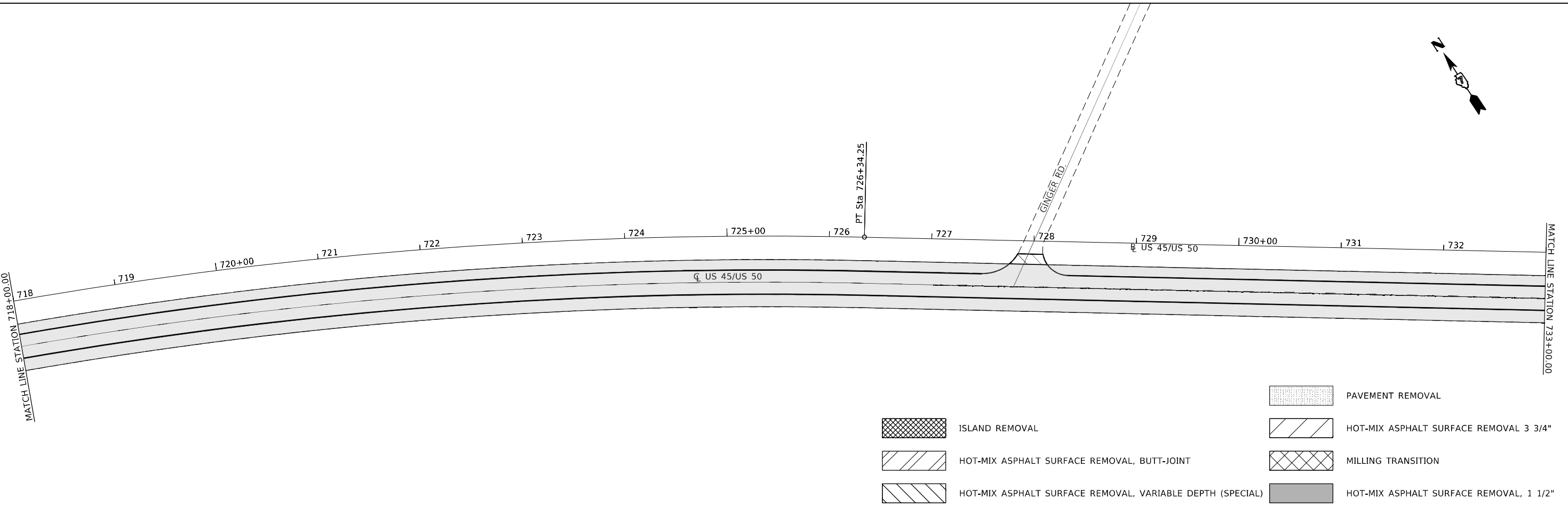
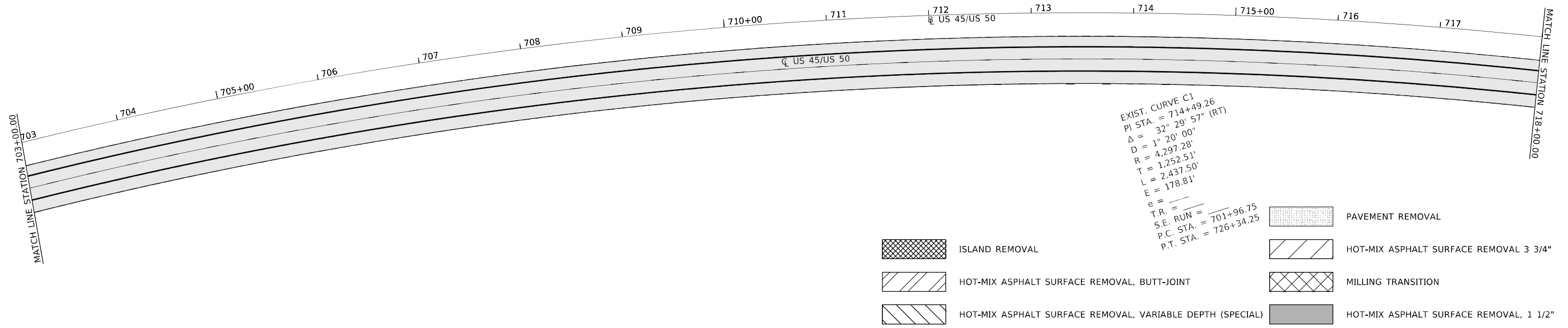
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PLOT DATE = 2/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS - US 45/50

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	30
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



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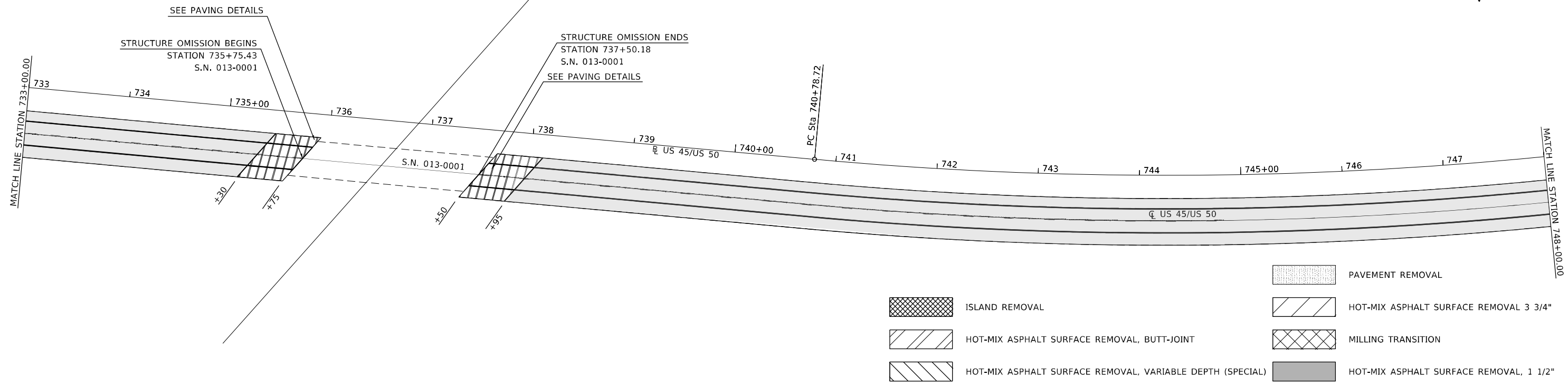
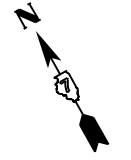
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS - US 45/50

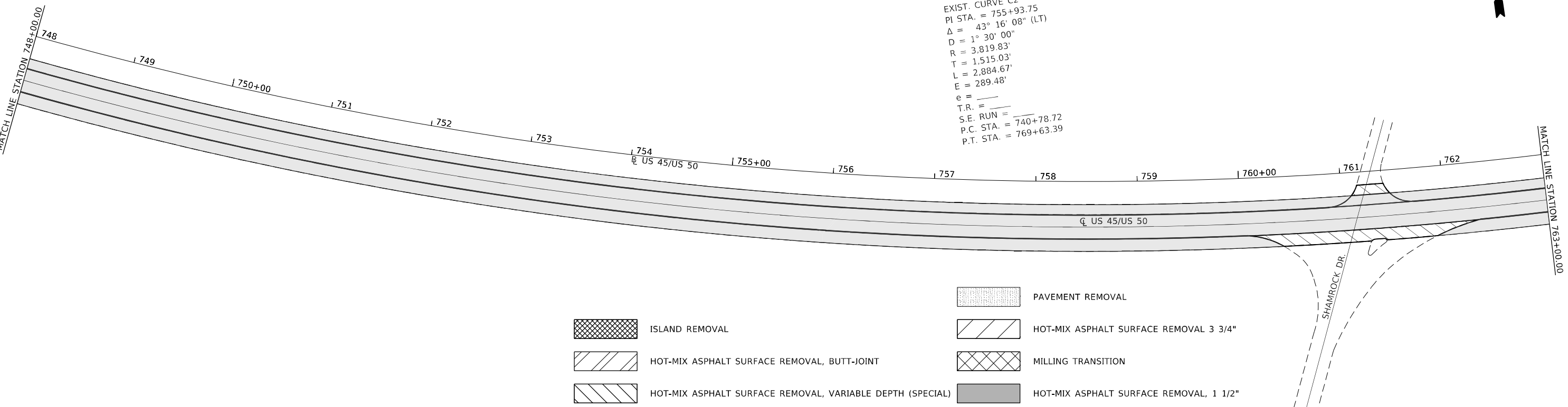
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. = 327	SECTION = (8-2)RS-1	COUNTY = CLAY	TOTAL SHEETS = 72	SHEET NO. = 31
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



- PAVEMENT REMOVAL
- ISLAND REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
- HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"
- MILLING TRANSITION
- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

EXIST. CURVE C2
 PI STA. = 755+93.75
 $\Delta = 43^\circ 16' 08''$ (LT)
 $D = 1^\circ 30' 00''$
 $R = 3,819.83'$
 $T = 1,515.03'$
 $L = 2,884.67'$
 $E = 289.48'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 740+78.72$
 $P.T. STA. = 769+63.39$



- PAVEMENT REMOVAL
- ISLAND REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
- HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"
- MILLING TRANSITION
- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

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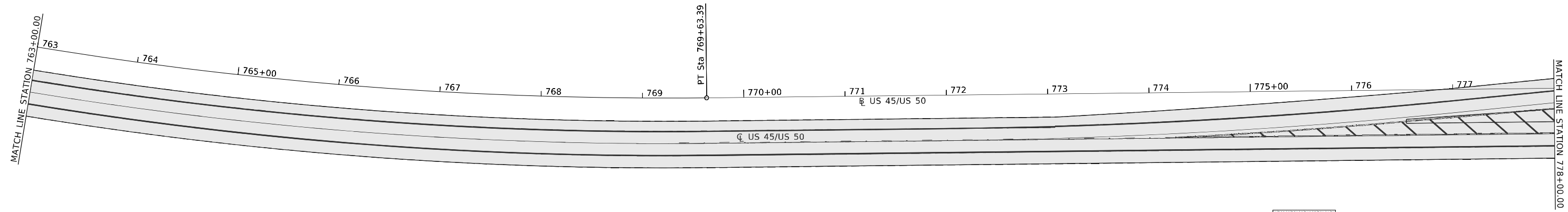
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

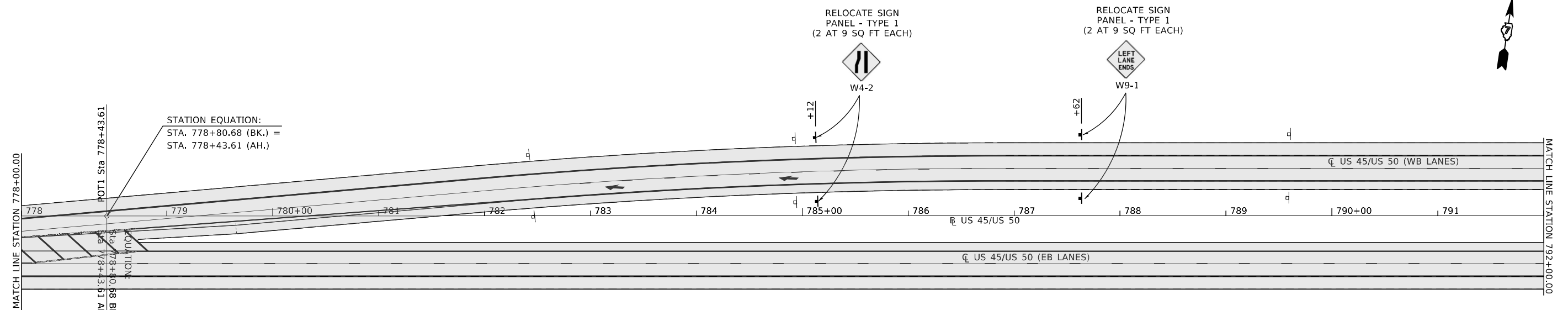
PLAN SHEETS - US 45/50

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	32
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



- PAVEMENT REMOVAL
- ISLAND REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
- HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"
- MILLING TRANSITION
- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"



- PAVEMENT REMOVAL
- ISLAND REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
- HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"
- MILLING TRANSITION
- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

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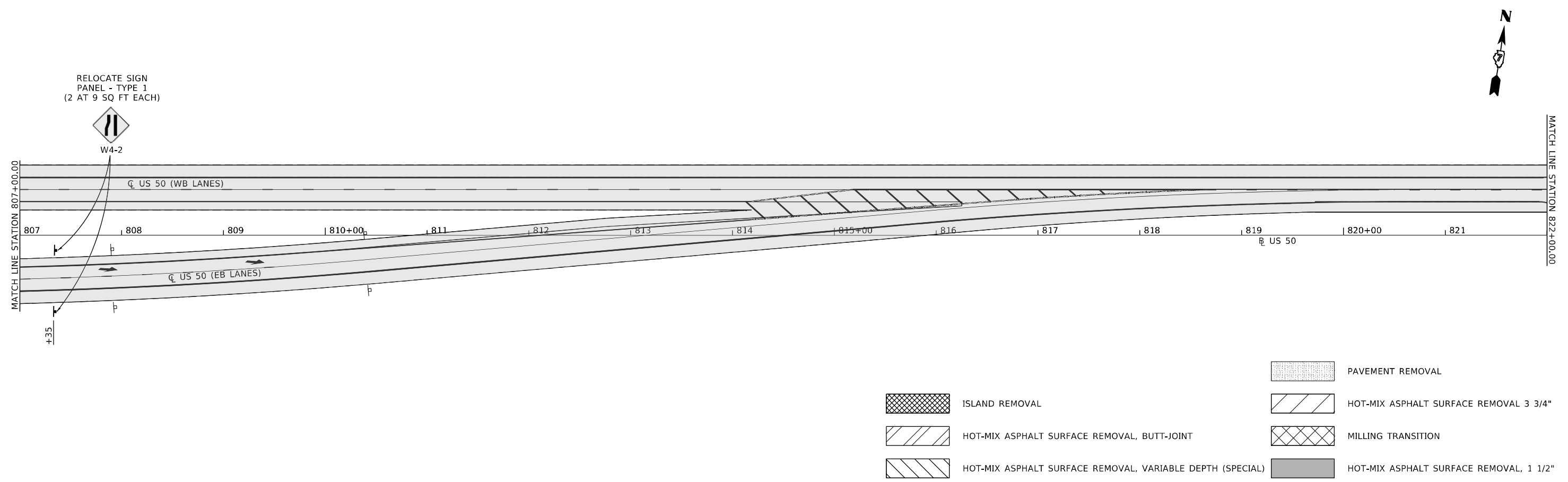
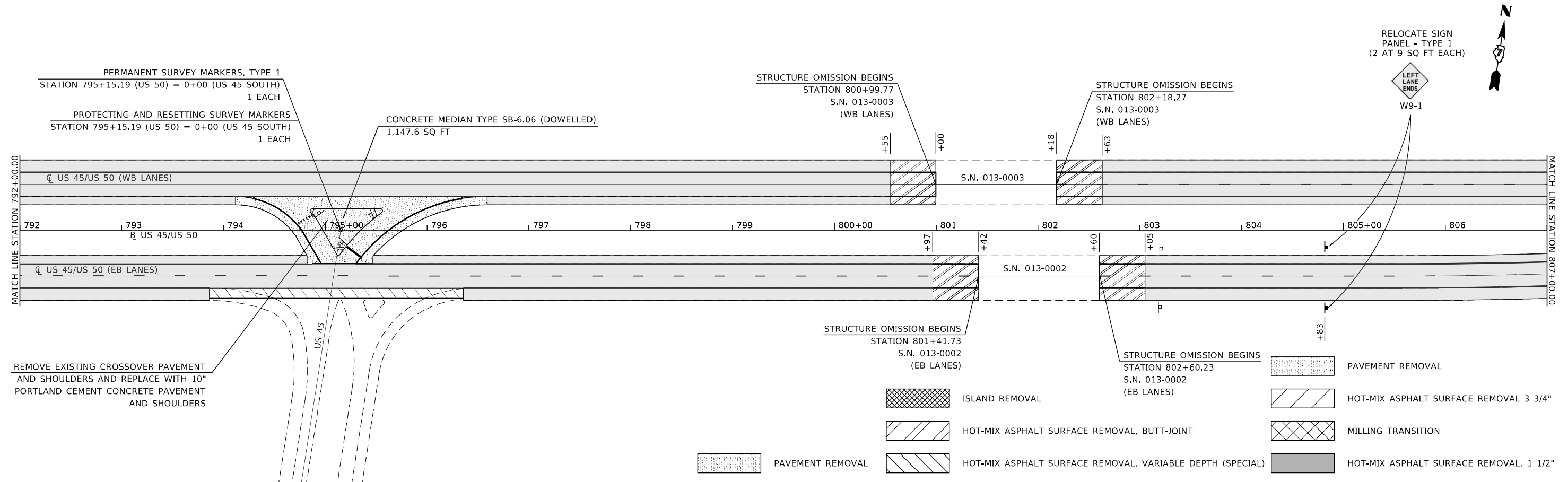
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - US 45/50

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	33
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



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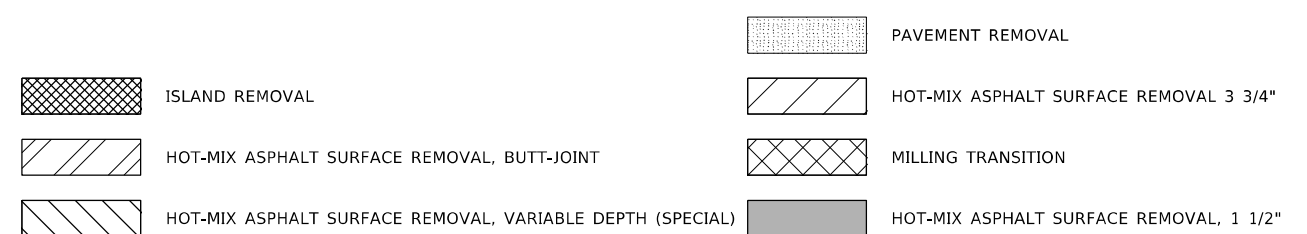
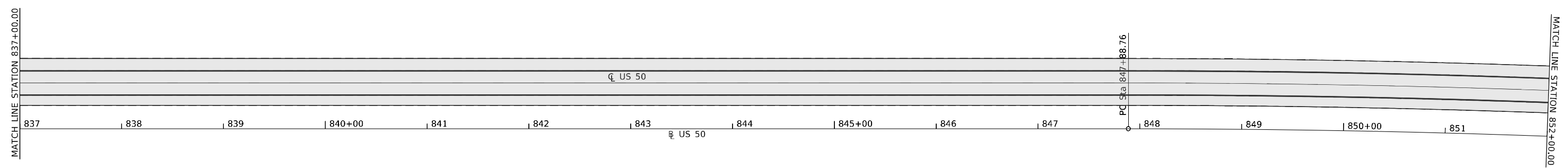
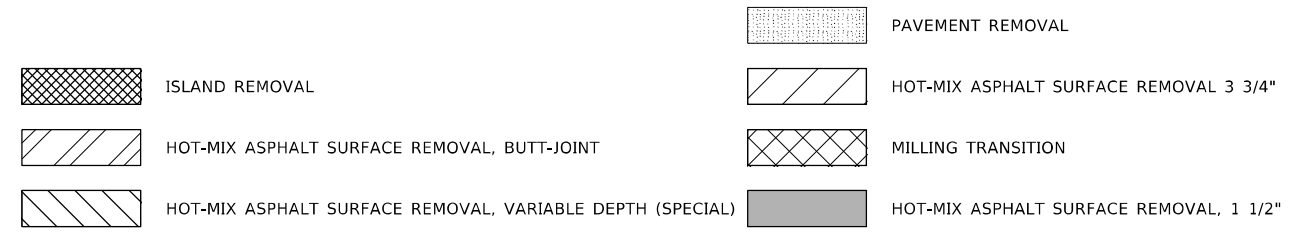
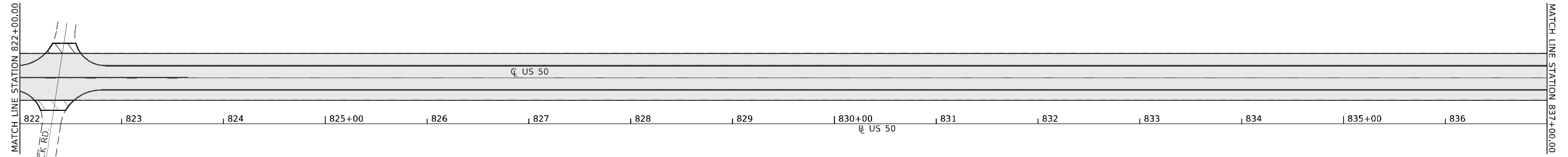
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PLOT DATE = 2/16/2022	DATE -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - US 45/50

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 327	SECTION (8-2)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 34
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



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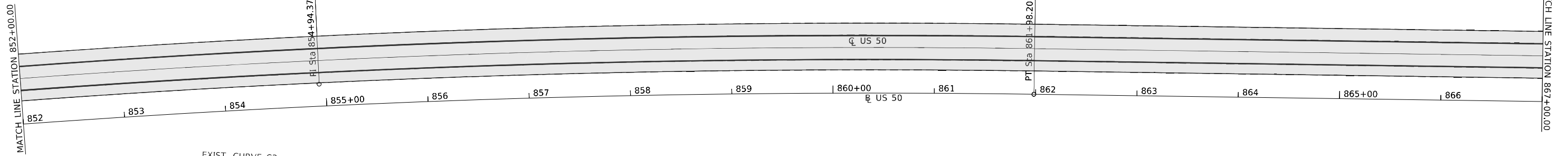
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

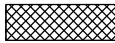

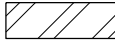




PLAN SHEETS - US 45/50

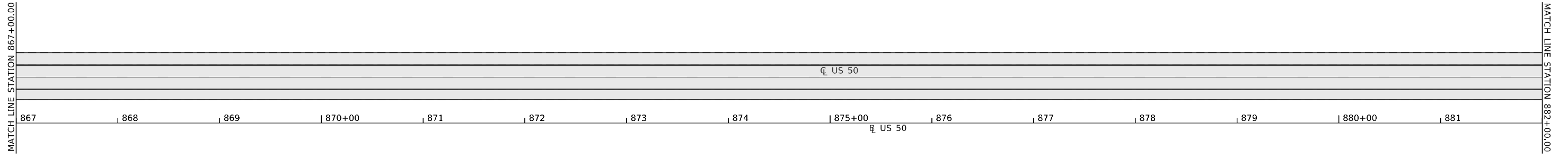
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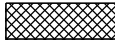
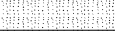
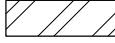
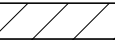
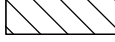


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	35
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE C3
 PI STA. = 854+94.37
 $\Delta = 7^\circ 02' 50''$ (RT)
 D = 0° 30' 00"
 R = 11,459.20'
 T = 705.61'
 L = 1,409.44'
 E = 21.70'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 847+88.76
 P.T. STA. = 861+98.20

-  ISLAND REMOVAL
-  PAVEMENT REMOVAL
-  HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
-  HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"
-  HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
-  MILLING TRANSITION
-  HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"



-  ISLAND REMOVAL
-  PAVEMENT REMOVAL
-  HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT
-  HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"
-  HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)
-  MILLING TRANSITION
-  HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

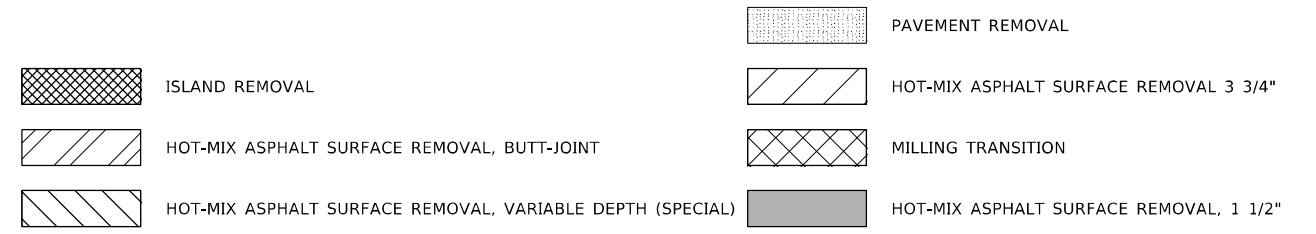
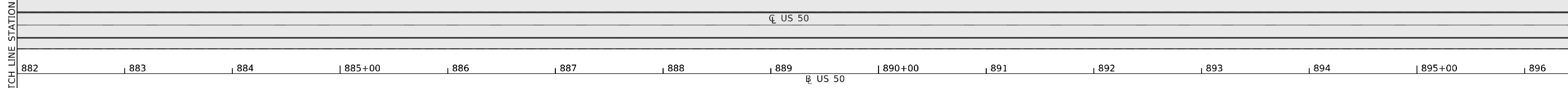
PLAN SHEETS - US 45/50

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 327	SECTION (8-2)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 36
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

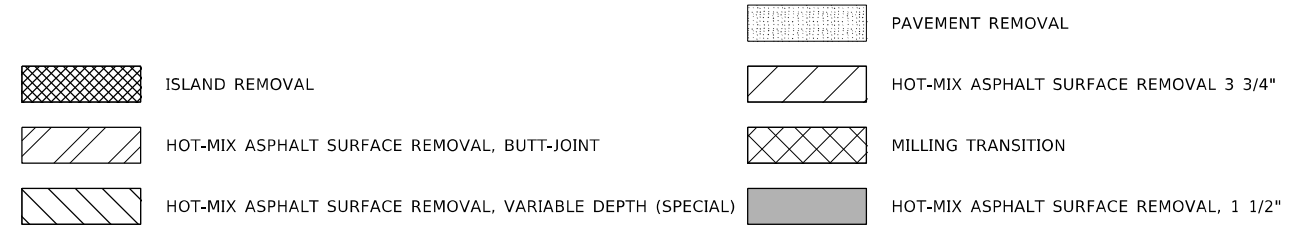
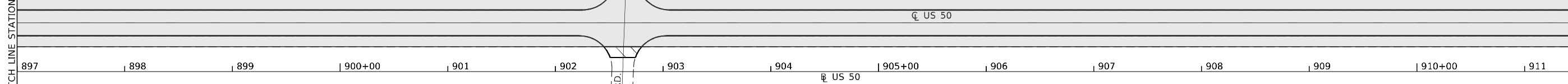
MATCH LINE STATION 882+00.00

MATCH LINE STATION 897+00.00



MATCH LINE STATION 897+00.00

MATCH LINE STATION 912+00.00



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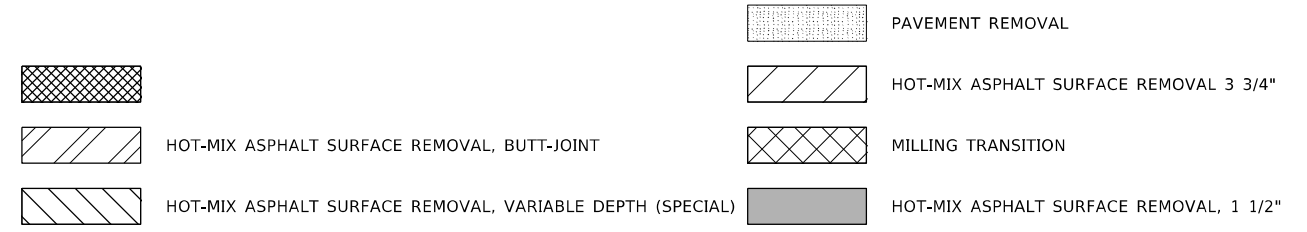
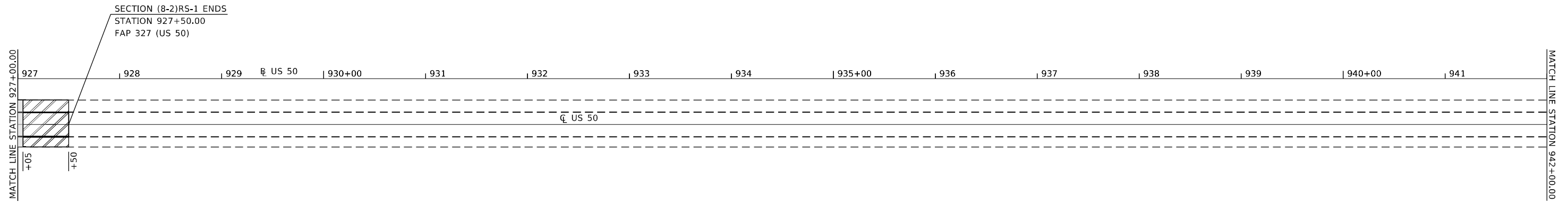
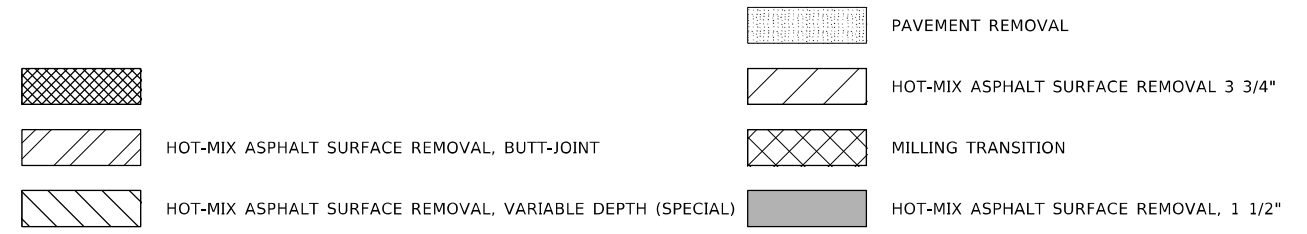
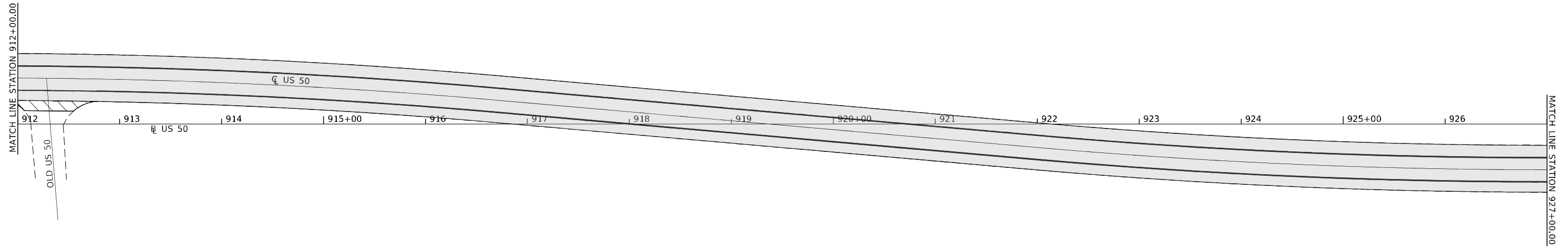
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - US 45/50

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	37
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS - US 45/50

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 327	SECTION (8-2)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 38
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74A07	

GENERAL NOTES

THIS TRAFFIC SIGNAL PORTION OF THIS PROJECT CONSISTS OF MOVING THE PEDESTRAIN PUSH BUTTON AND INSTALLING A NEW POST AT THE INTERSECTION OF US 50 AND WORTHY STREET ALL IN THE CITY OF FLORA, CLAY COUNTY.

THE EXISTING UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL J.U.L.I.E. AT 1-800-892-0123.

THE TRAFFIC OPERATIONS UNIT CHIEF AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED AT 217-342-8291 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNIT.

ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.

NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FOOT MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.

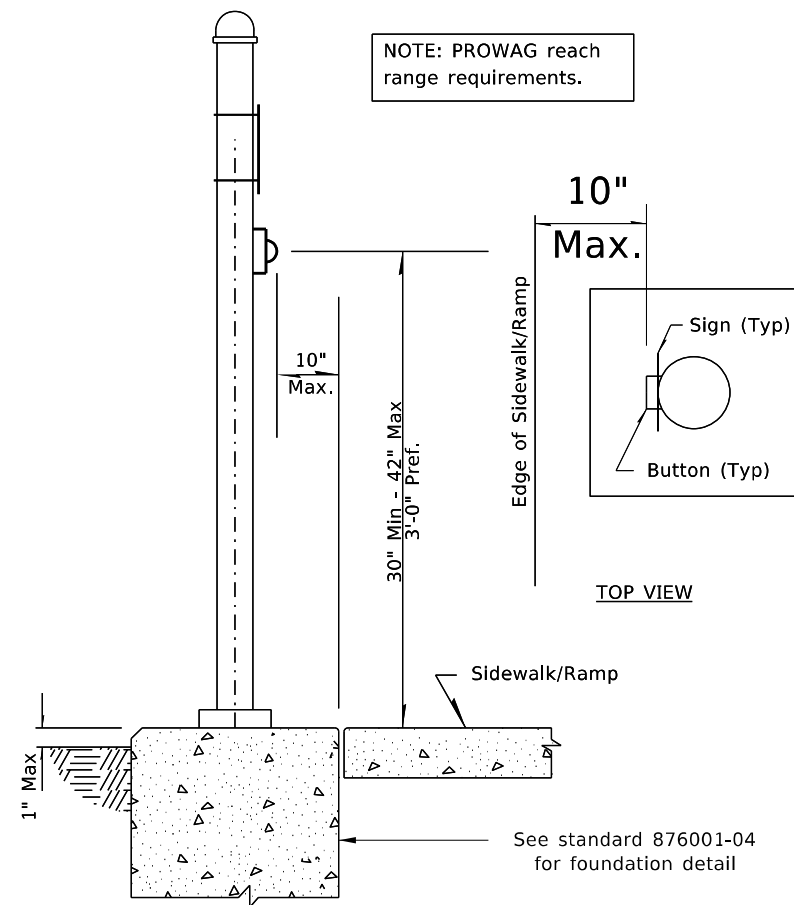
THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE ELECTRICAL WORK PAY ITEM.

ALL NEW TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO THE PUSH BUTTON. SPLICES IN HANDHOLES WILL NOT BE ALLOWED.

THE FINAL LOCATION OF THE PEDESTRIAN POSTS WILL BE VERIFIED BY THE ENGINEER IN THE FIELD.

BILL OF MATERIALS PEDESTRIAN SIGNALS

CODE	ITEM	UNIT	QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA	FOOT	2
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	49
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	5
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	1
87900200	DRILL EXISTING HANDHOLE	EACH	1
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88800100	PEDESTRIAN PUSH-BUTTON	EACH	2
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2



PEDESTRIAN PUSH-BUTTON LOCATION

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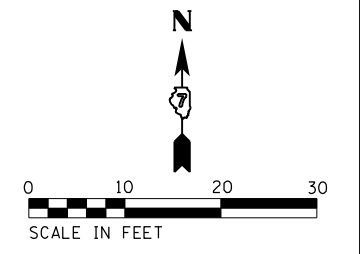
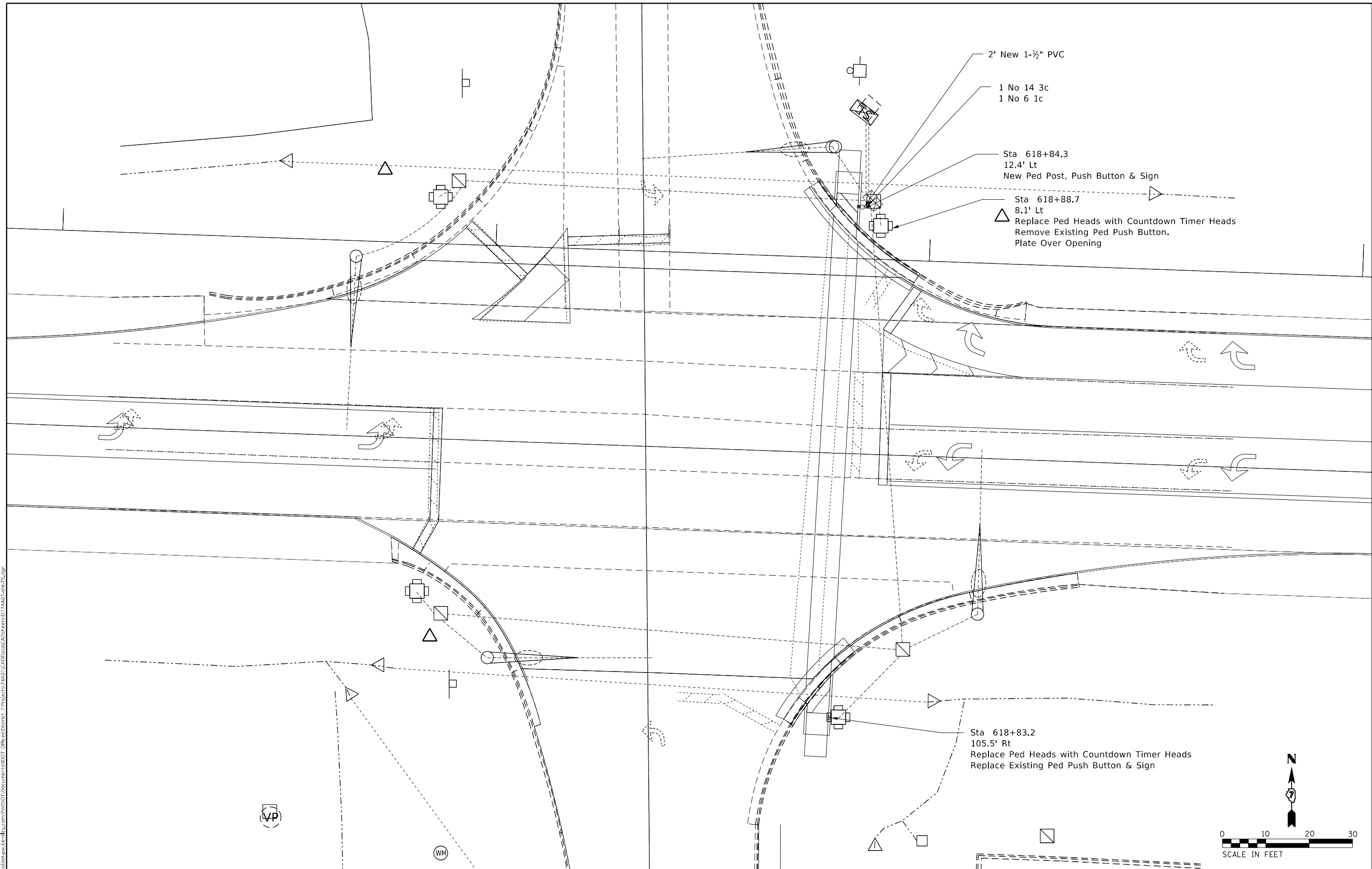
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PLOT DATE = 2/15/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

Ped Details		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		327	(8-2)RS-1	CLAY	72	39
SCALE:		SHEET OF SHEETS		STA.	TO STA.	

CONTRACT NO. 74A07	
ILLINOIS	FED. AID PROJECT

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

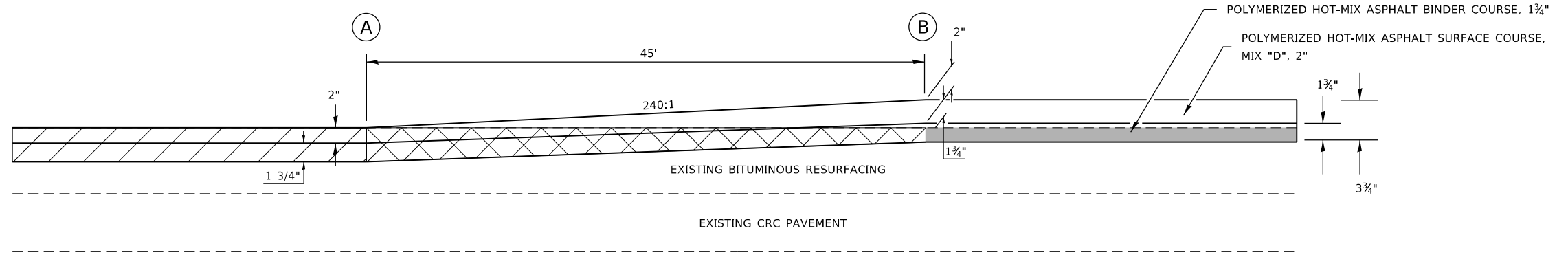
Ped Signals Cable Layout

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	40
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

PAVING DETAILS

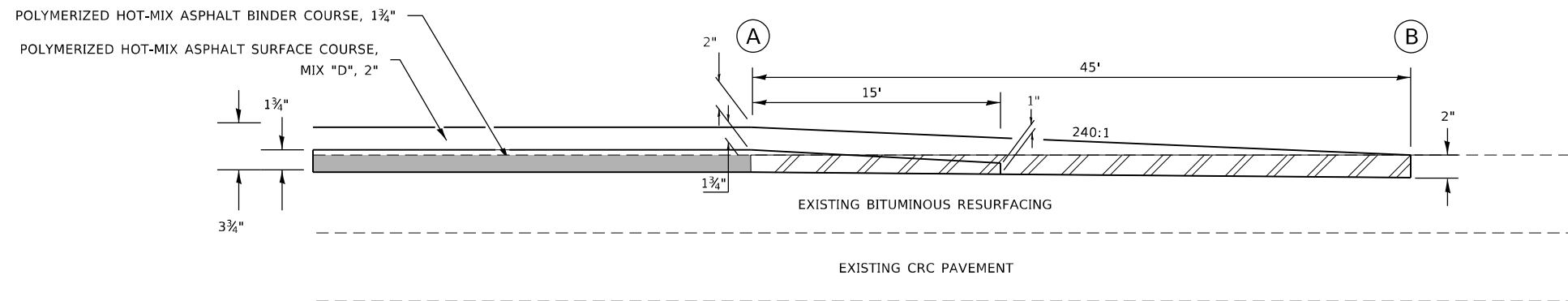
(A)	TO	(B)
STATION		STATION
592+20.00		592+65.00
633+16.93		632+71.93
655+90.47		656+35.47



- HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
- PAVING TRANSITION (PAID FOR AS HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4")
- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

PAVING DETAILS

(A)	TO	(B)	
STATION		STATION	
735+30.43		735+75.43	EB & WB
737+95.18		737+50.18	EB & WB
800+54.77		800+99.77	WB LANES
802+63.27		802+18.27	WB LANES
800+96.73		801+41.73	EB LANES
803+05.23		802+60.23	EB LANES
927+05.00		927+50.00	EB & WB



- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT-JOINT*

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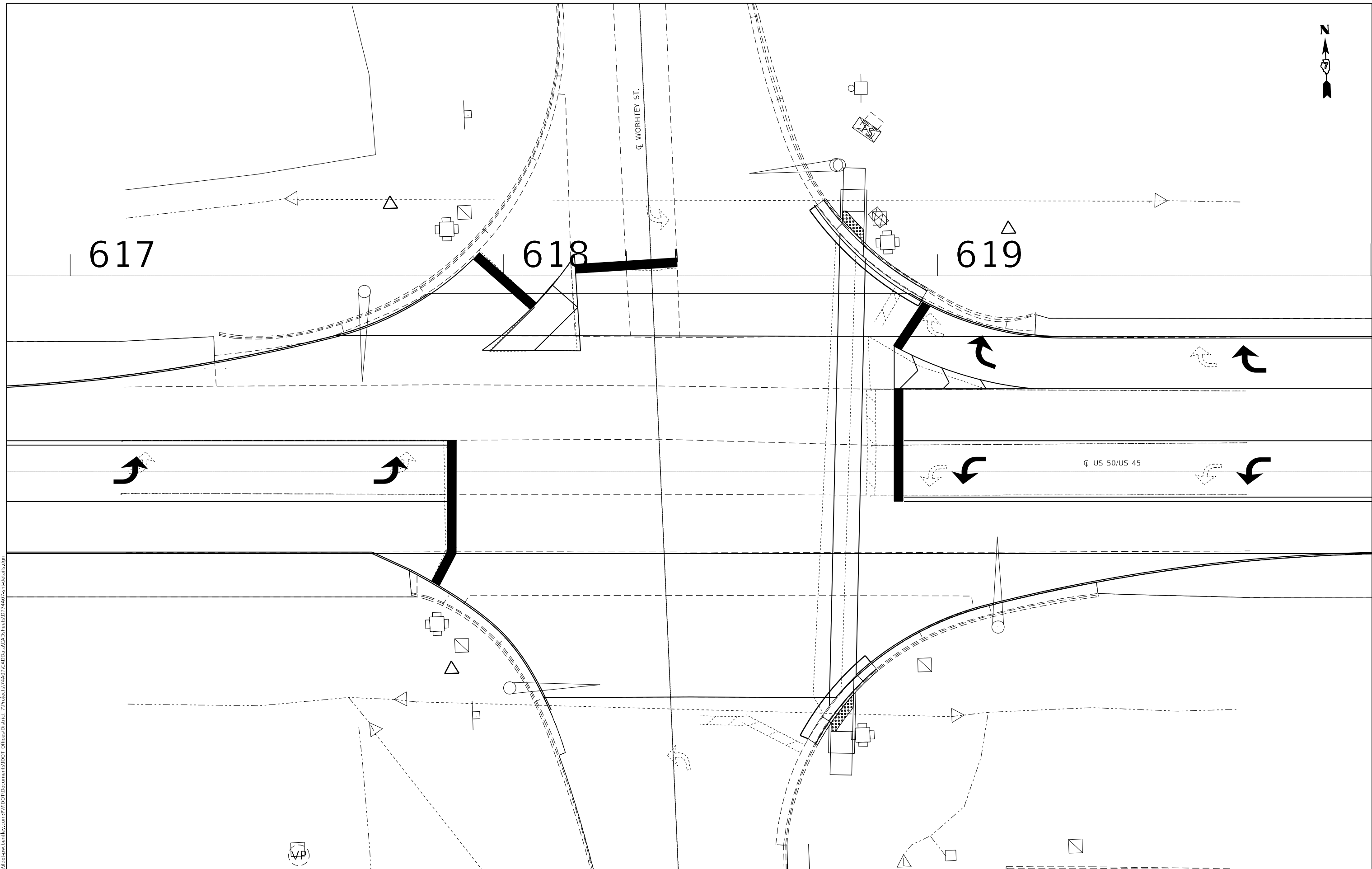
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVING DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	41
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA DETAILS WORTHY ST.	
SCALE:	SHEET 1 OF 2 SHEETS STA. TO STA.

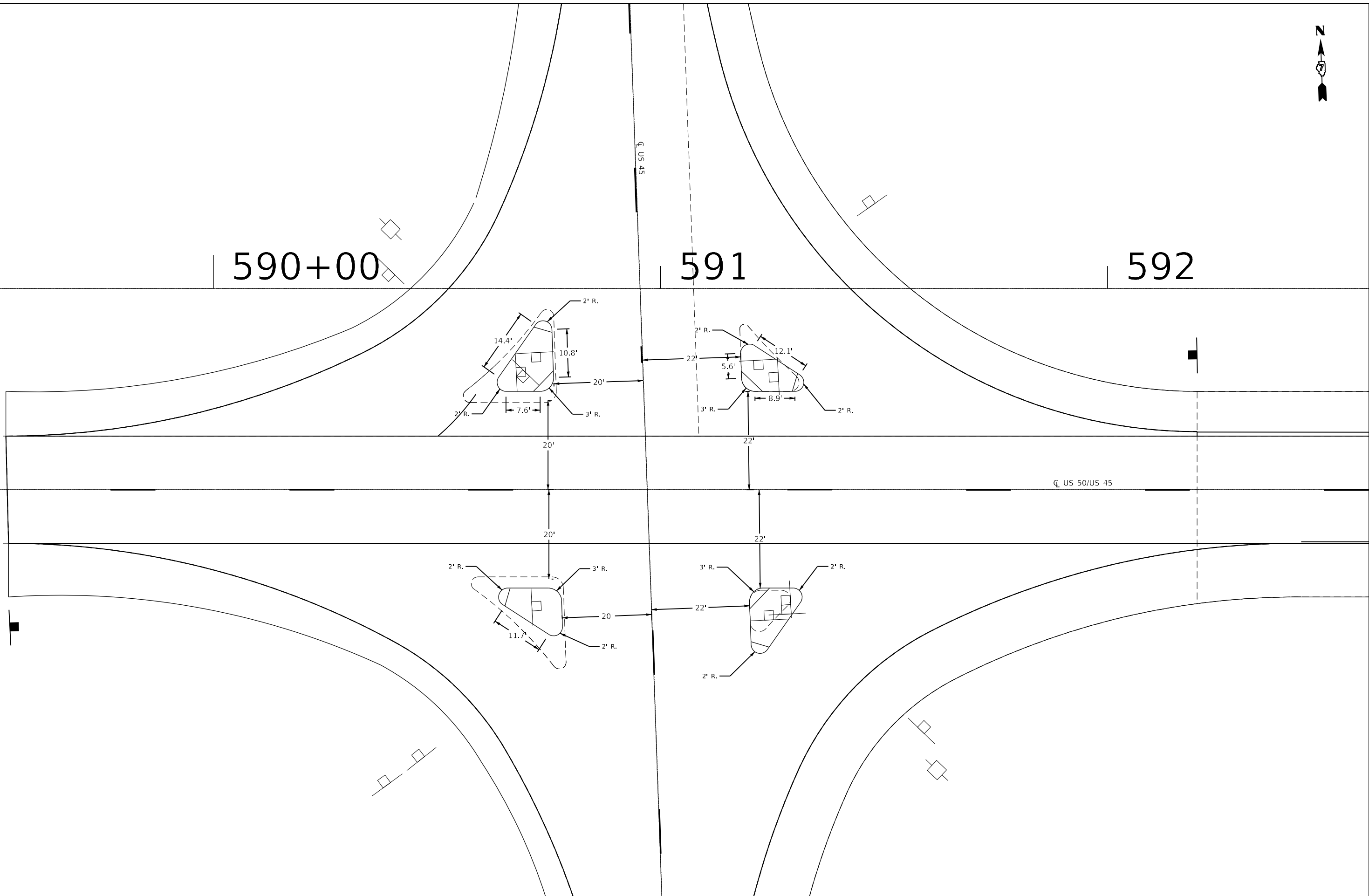
F.A.P. RTE. 327	SECTION (8-2)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 42
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



590+00

591

592



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PCC ISLAND DETAILS
US 45 NORTH /US 50 INTERSECTION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	44
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

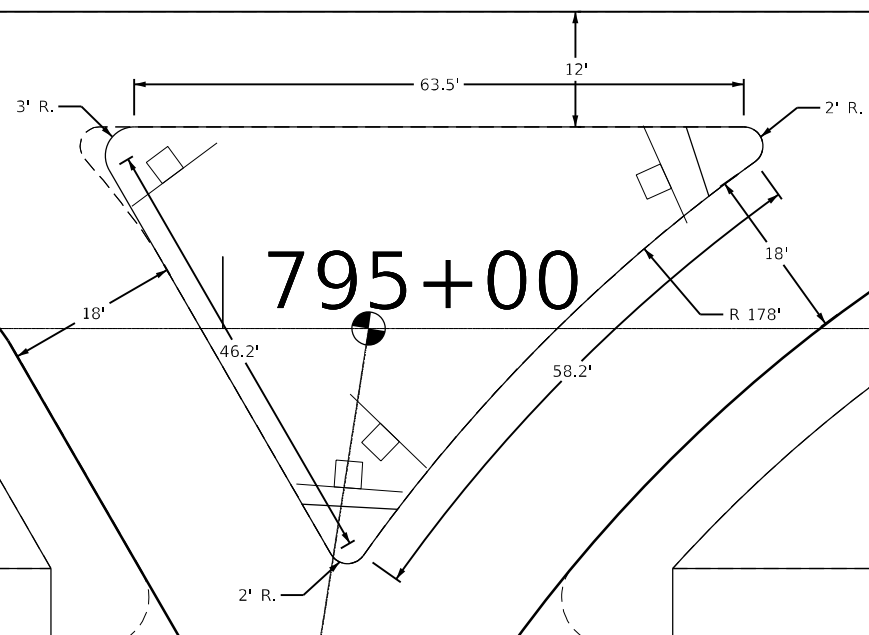


☐ US 50/US 45 WB

794

795+00

796



☐ US 50/US 45 EB

45

☐ US 45

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PCC ISLAND DETAILS
US 45 SOUTH /US 50 INTERSECTION

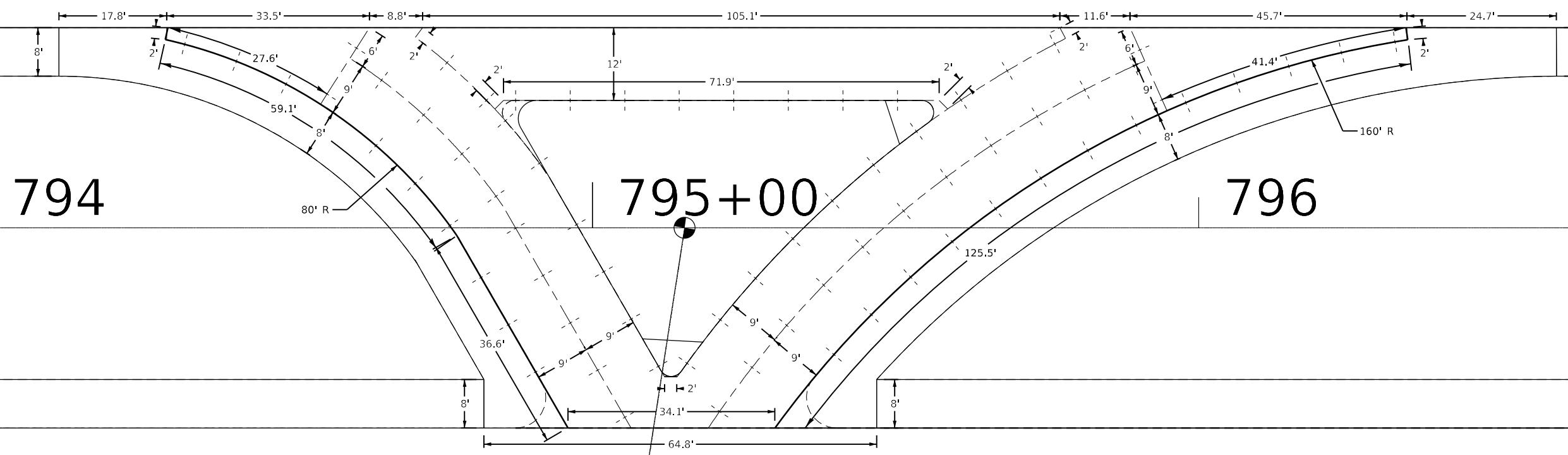
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	45
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

ELEVATIONS FOR PROPOSED CROSSOVER PAVEMENT AND SHOULDERS SHALL BE CONSTRUCTED TO ALLOW FOR FULL THICKNESS OF THE PROPOSED HOT-MIX ASPHALT SURFACE COURSE TO MATCH IN WITH THE PROPOSED PAVEMENT.

PROPOSED CROSSOVER PAVEMENT AND SHOULDERS SHALL BE CONSTRUCTED TO MATCH EXISTING CROSSOVER PAVEMENT SLOPES.

CROSSOVER PAVEMENT DETAILS



---+---+--- LONGITUDINAL SAWED OR CONSTRUCTION JOINT

NOTE: TRANSVERSE CONTRACTION JOINT SPACING AT 15' UNLESS OTHERWISE NOTED.

45

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

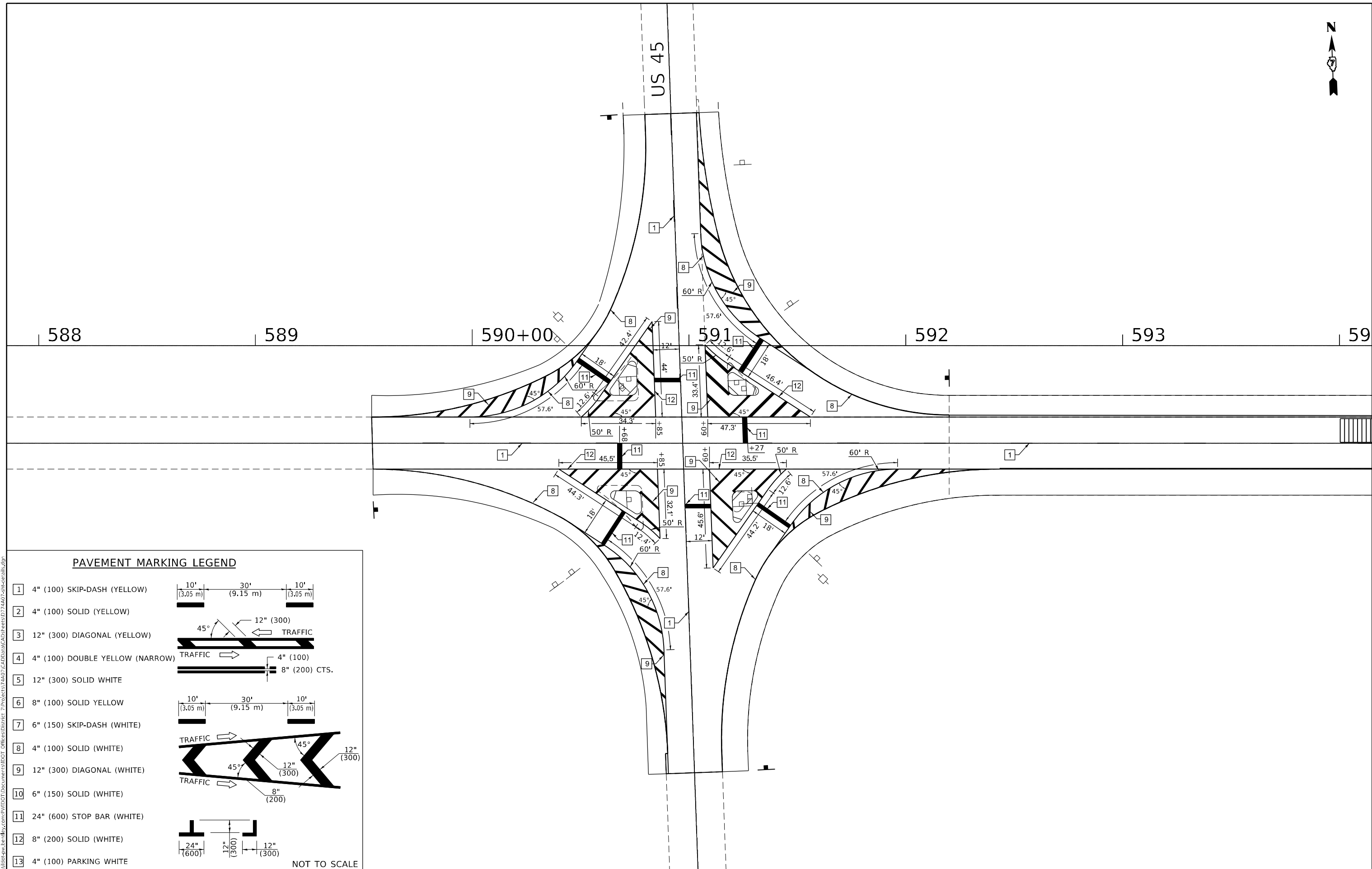
CROSSOVER DETAILS
US 45 SOUTH /US 50 INTERSECTION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	46
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 2/15/2022	DATE -	REVISED -



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 8" (100) SOLID YELLOW
 - 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
- NOT TO SCALE

MODEL: Default
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 DRAWN: STEFFENMK
 CHECKED: -
 DATE: 2/15/2022

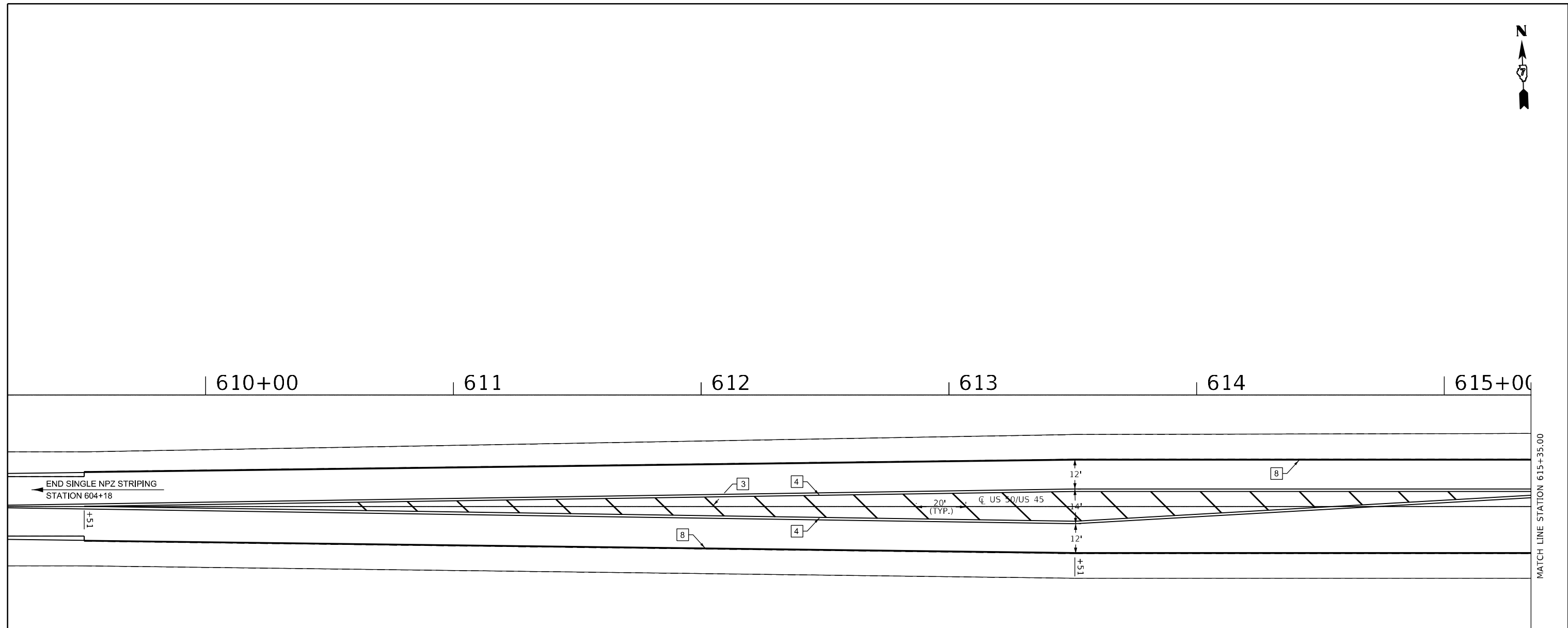
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PLOT DATE = 2/15/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STRIPING DETAILS
US 45 N INTERSECTION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	47
CONTRACT NO. 74A07				
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 8" (100) SOLID YELLOW
- 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

NOT TO SCALE

USER NAME = steffnmk	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 2/15/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

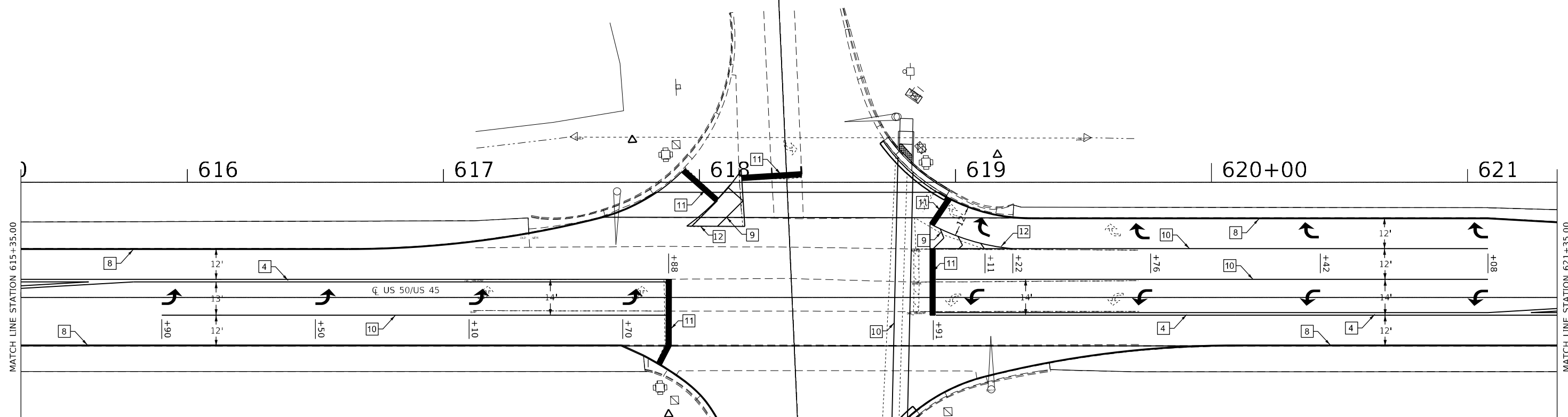
STRIPING DETAILS WORTHY ST. INTERSECTION			
SCALE:	SHEET 1	OF 3	SHEETS
	STA.		TO STA.

F.A.P. RTE. 327	SECTION (8-2)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 48
				CONTRACT NO. 74A07
ILLINOIS FED. AID PROJECT				

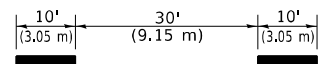

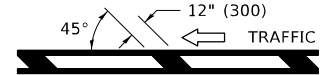


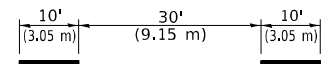


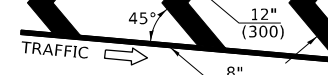


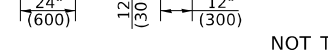
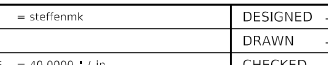
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WORTHY ST.



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 8" (100) SOLID YELLOW 
- 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 

NOT TO SCALE

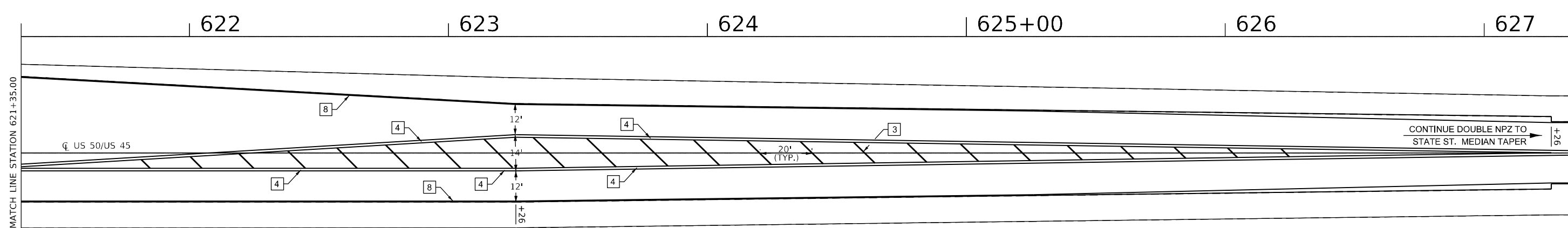
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 DATE: 2/15/2022

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PLOT DATE = 2/15/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING DETAILS WORTHY ST. INTERSECTION			
SCALE:	SHEET 2	OF 3	SHEETS
	STA.		TO STA.

F.A.P. RTE. 327	SECTION (8-2)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 49
CONTRACT NO. 74A07				
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 8" (100) SOLID YELLOW
- 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

NOT TO SCALE

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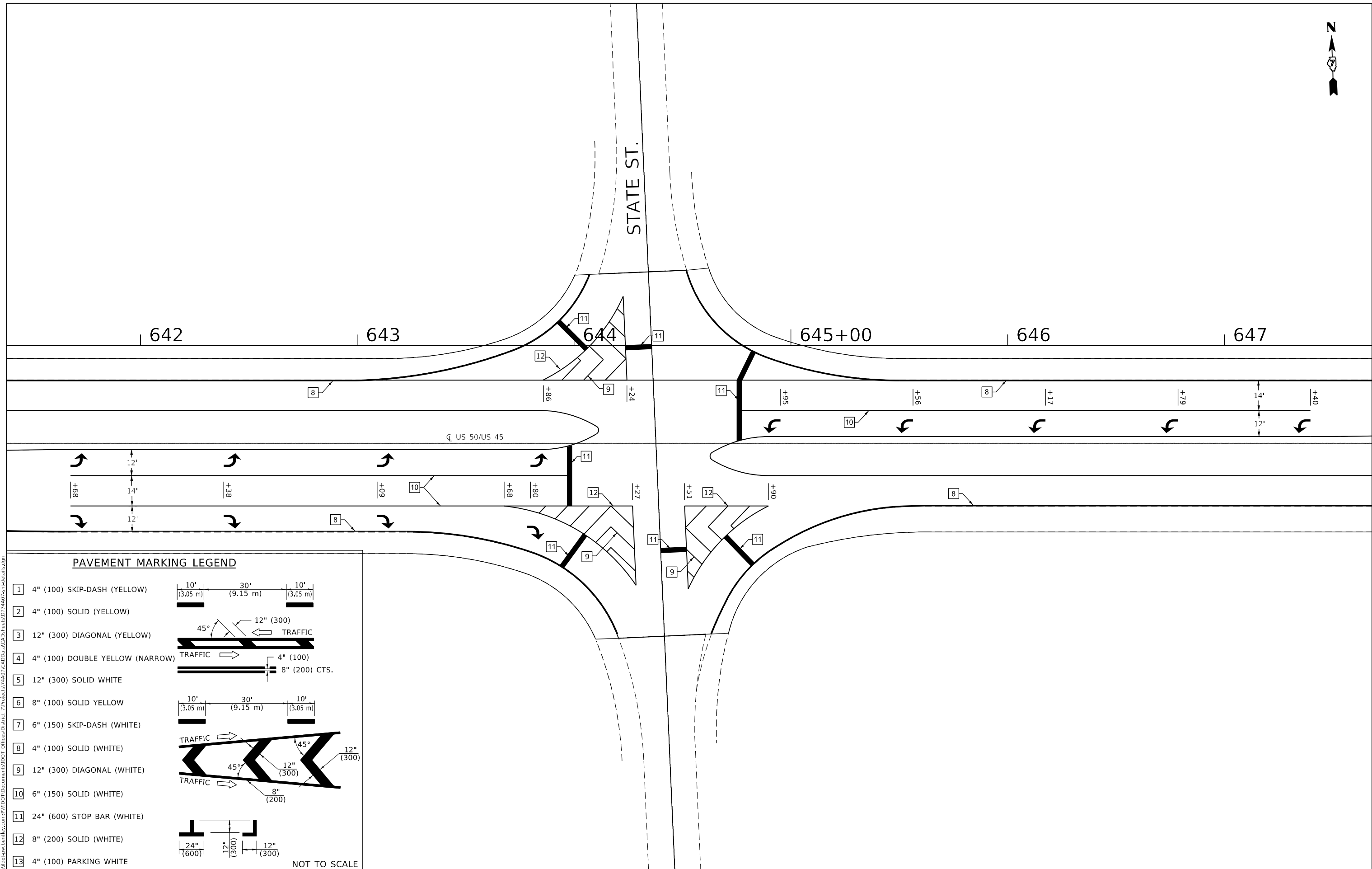
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PLOT SCALE = 40,0000 */ in.	DRAWN -	REVISED -
PLOT DATE = 2/15/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STRIPING DETAILS
WORTHY ST. INTERSECTION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	50
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74A07	



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 8" (100) SOLID YELLOW
- 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

NOT TO SCALE

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

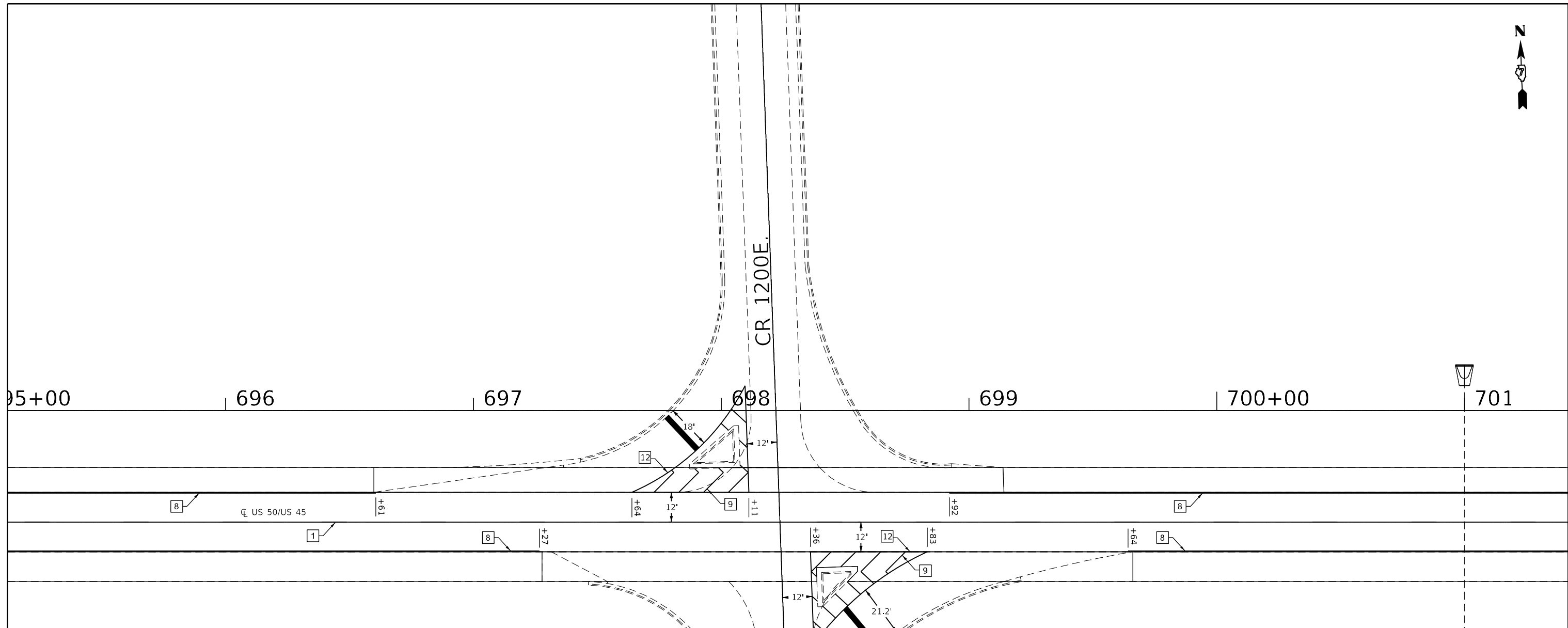
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MAIN ST. INTERSECTION**

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PLOT DATE = 2/15/2022	CHECKED -	REVISED -
	DATE -	REVISED -

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	51
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

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 PROJECT: 74A07



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 8" (100) SOLID YELLOW
- 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

NOT TO SCALE

MODEL: Default
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STRIPING DETAILS
CR 1200E INTERSECTION**

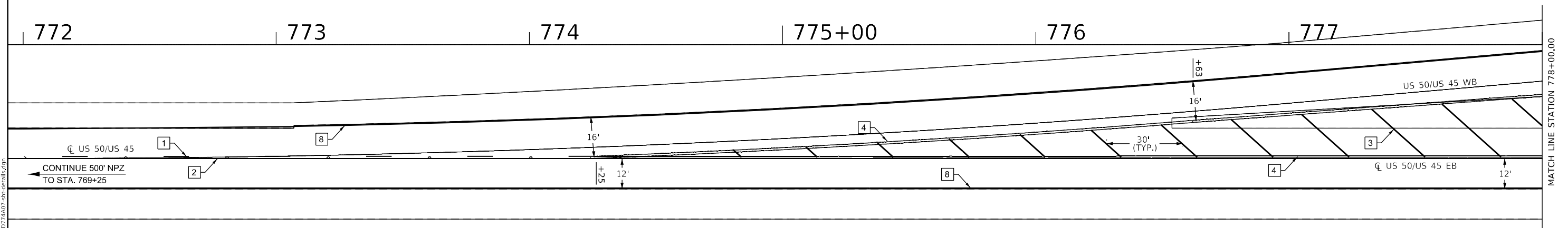
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	52
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



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 8" (100) SOLID YELLOW
 - 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
 - 14 4" (100) SKIP-DASH (WHITE)
- NOT TO SCALE



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PLOT DATE = 2/15/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

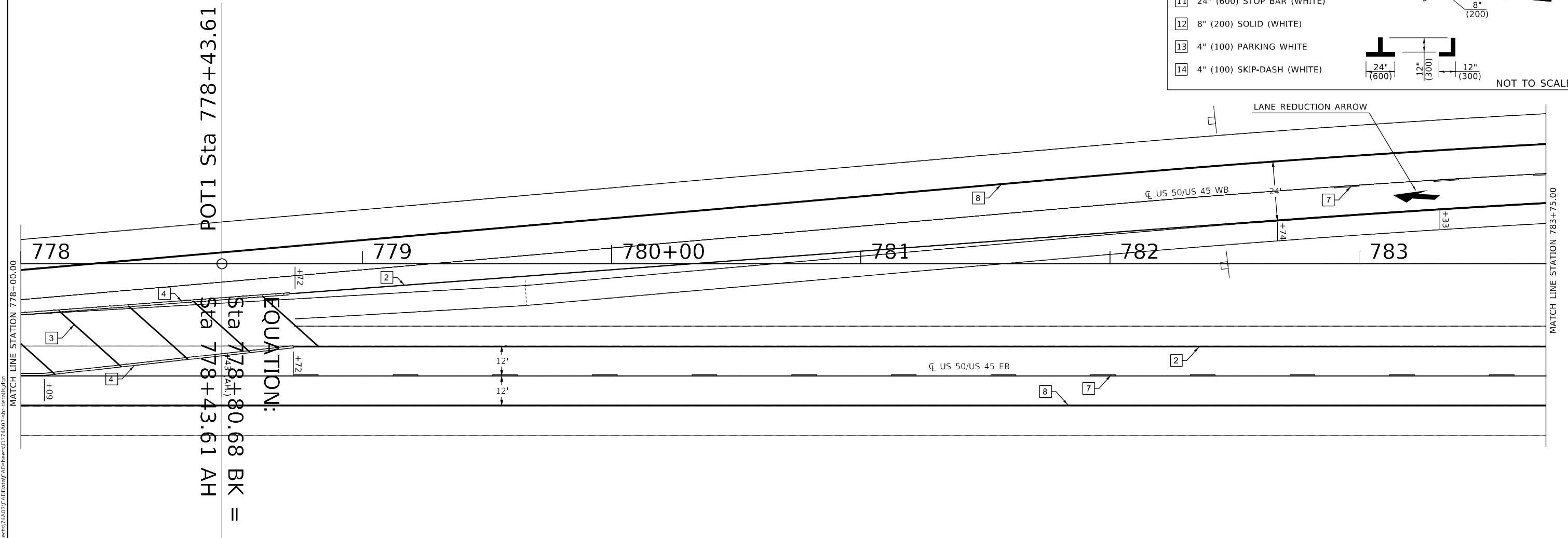
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SCALE:	SHEET 1	OF 7 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	53
CONTRACT NO. 74A07				
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 8" (100) SOLID YELLOW
 - 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
 - 14 4" (100) SKIP-DASH (WHITE)
- NOT TO SCALE



MODEL: Default
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 DRAWING: 74A07-STRIPING-02.dwg
 DATE: 2/15/2022

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DRAWN -	REVISIONS -	
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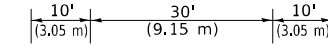



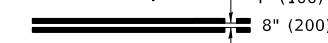

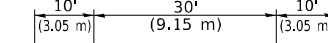
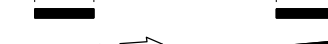
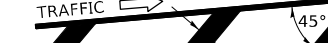



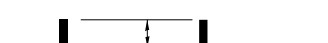
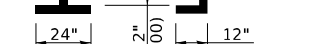
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

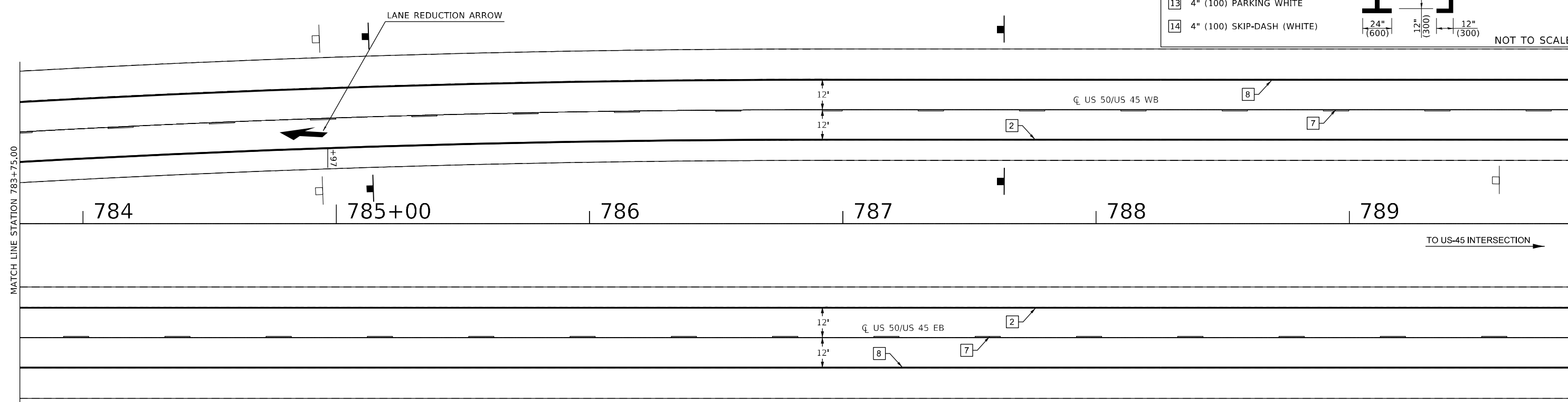
STRIPING DETAILS
US 45 S INTERSECTION

SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	54
CONTRACT NO. 74A07				
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 8" (100) SOLID YELLOW 
 - 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 
 - 14 4" (100) SKIP-DASH (WHITE) 
- NOT TO SCALE



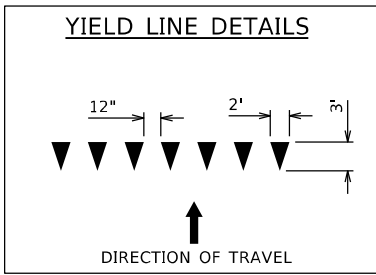
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PLOT DATE = 2/15/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING DETAILS US 45 S INTERSECTION			
SCALE:	SHEET 3	OF 7 SHEETS	STA. TO STA.

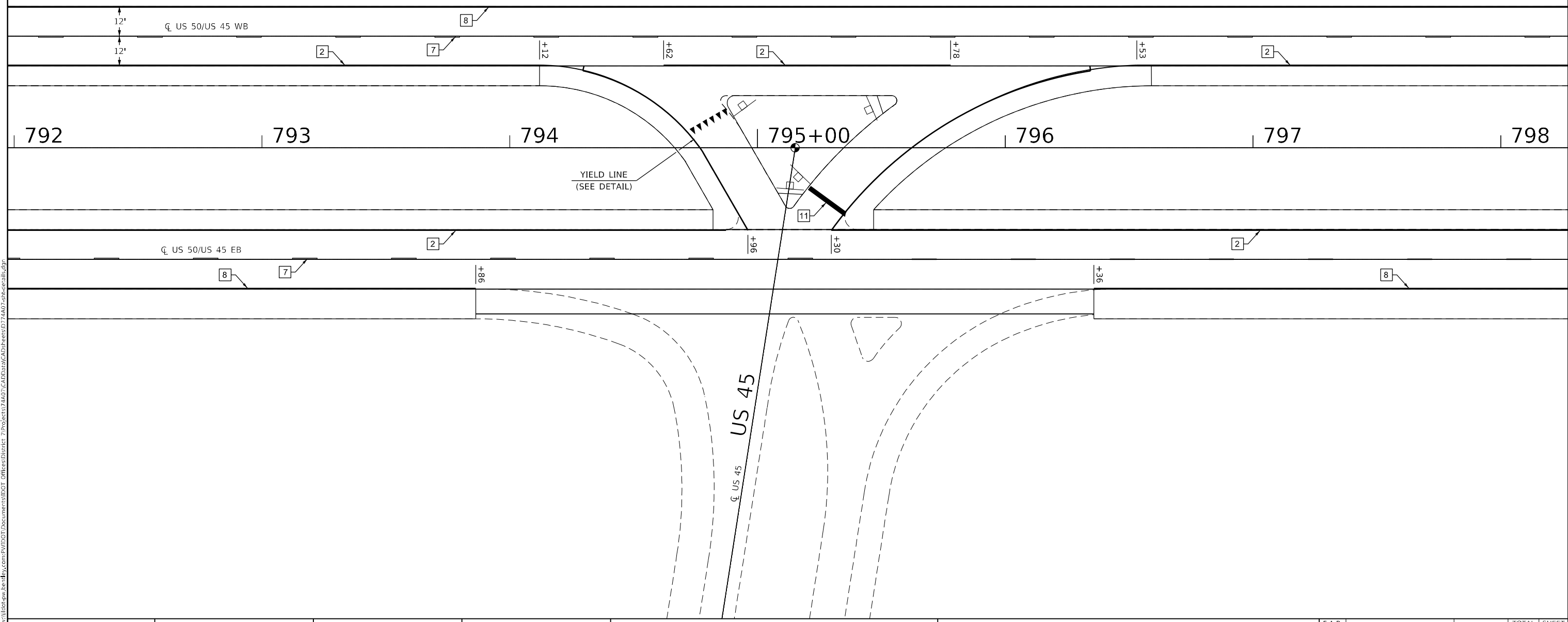
F.A.P. RTE. 327	SECTION (8-2)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 55
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



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	8" (100) SOLID YELLOW	
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	
14	4" (100) SKIP-DASH (WHITE)	

NOT TO SCALE



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

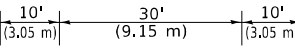
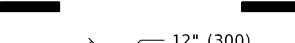




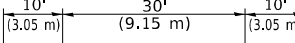







STRIPING DETAILS

US 45 S INTERSECTION

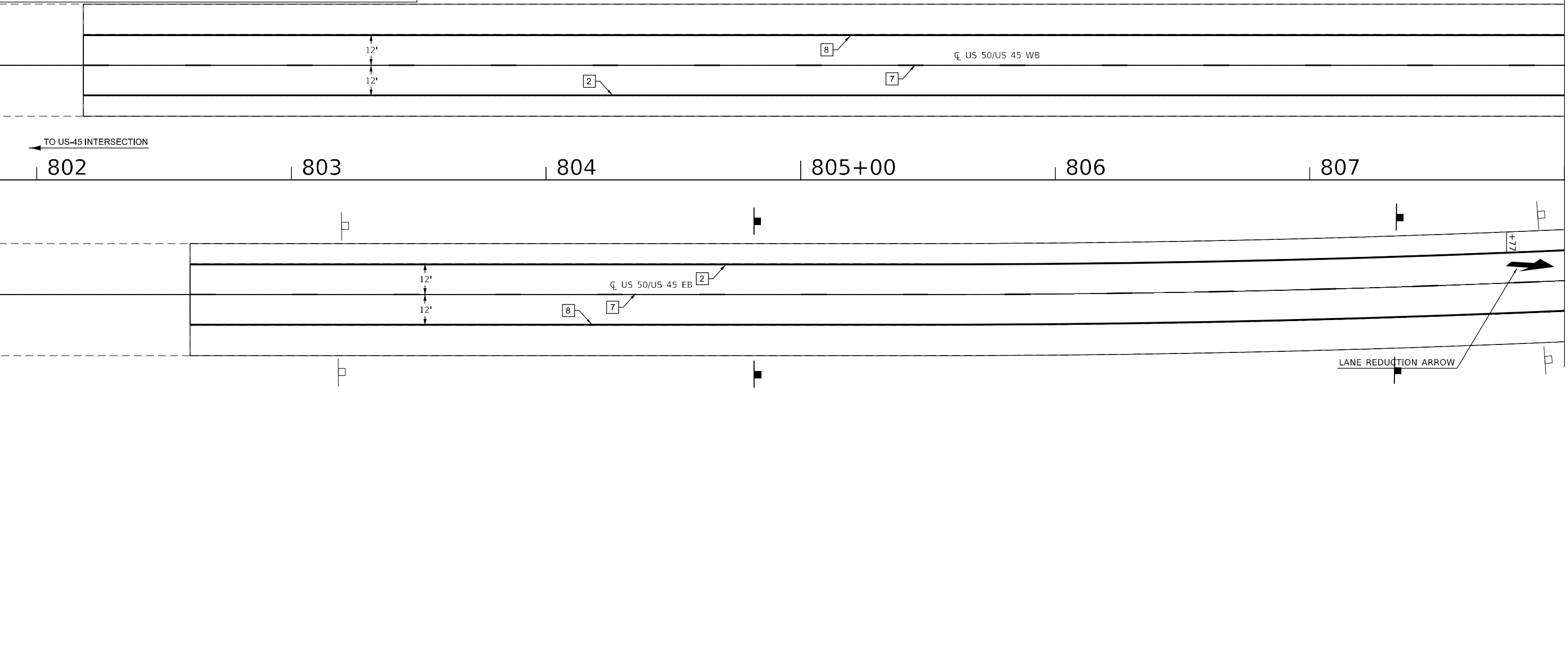
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F.A.P. RTE. 327	SECTION (8-2)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 56
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

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 8" (100) SOLID YELLOW 
- 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 
- 14 4" (100) SKIP-DASH (WHITE) 

NOT TO SCALE



MATCH LINE STATION 808+00.00

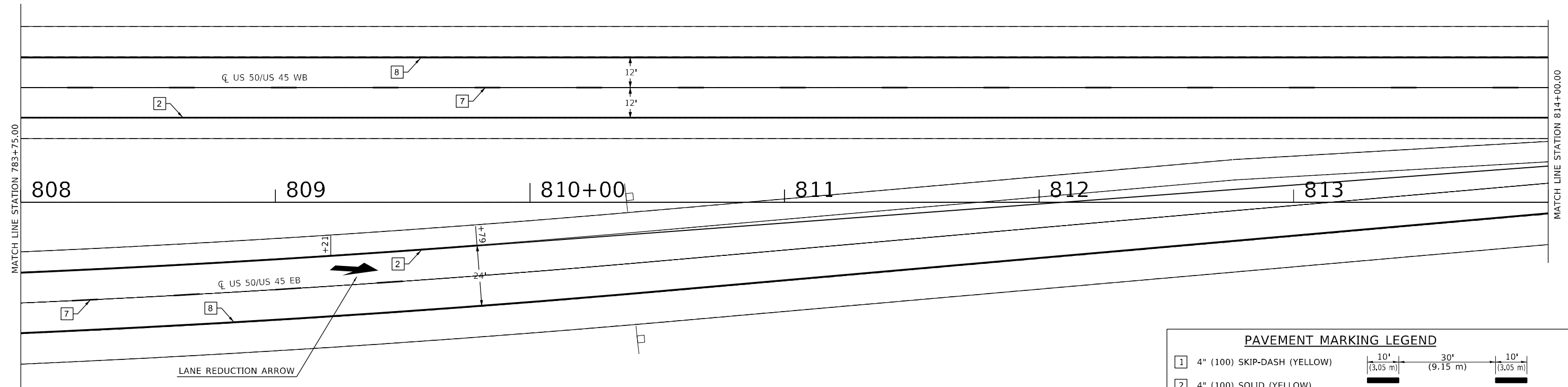
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PLOT DATE = 2/15/2022	CHECKED -	REVISIED -
	DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STRIPING DETAILS US 45 S INSTERSECTION			
SCALE:	SHEET 5	OF 7 SHEETS	STA. TO STA.

F.A.P. RTE. 327	SECTION (8-2)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 57
			CONTRACT NO. 74A07	
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 8" (100) SOLID YELLOW
- 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
- 14 4" (100) SKIP-DASH (WHITE)

NOT TO SCALE

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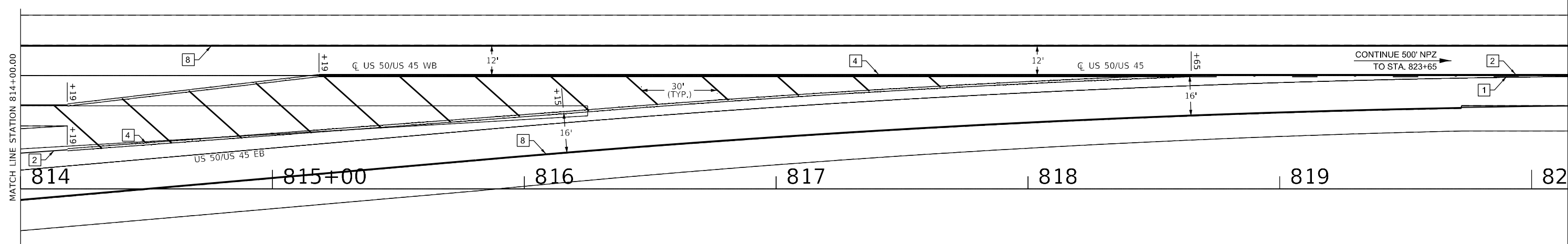
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PLOT DATE = 2/15/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STRIPING DETAILS
US 45 S INSTERSECTION**

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	58
CONTRACT NO. 74A07				
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 8" (200) SOLID YELLOW
- 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
- 14 4" (100) SKIP-DASH (WHITE)

NOT TO SCALE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

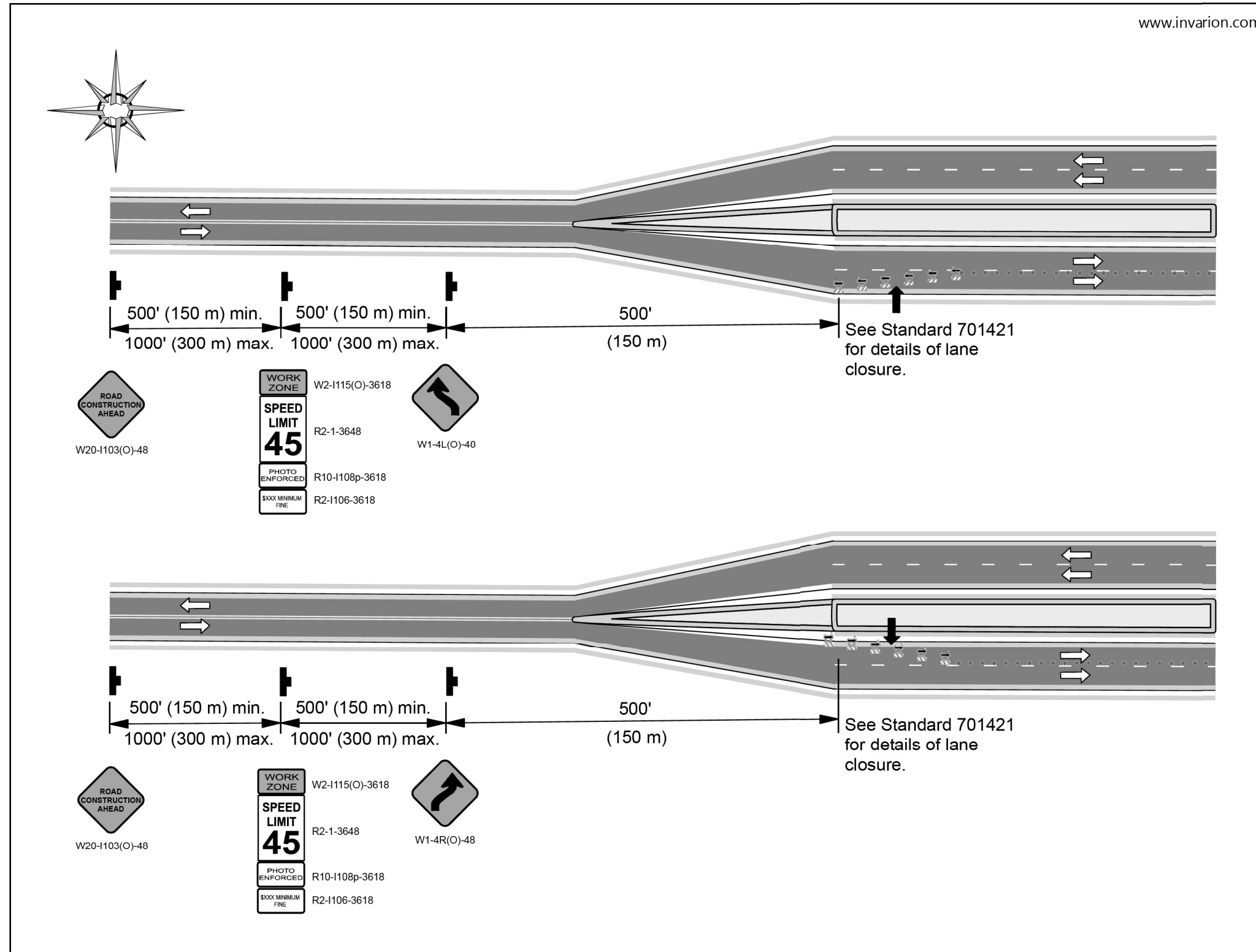
STRIPING DETAILS
US 45 S INTERSECTION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	59
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL DETAILS - TRAFFIC CONTROL AND PROTECTION (SPECIAL)

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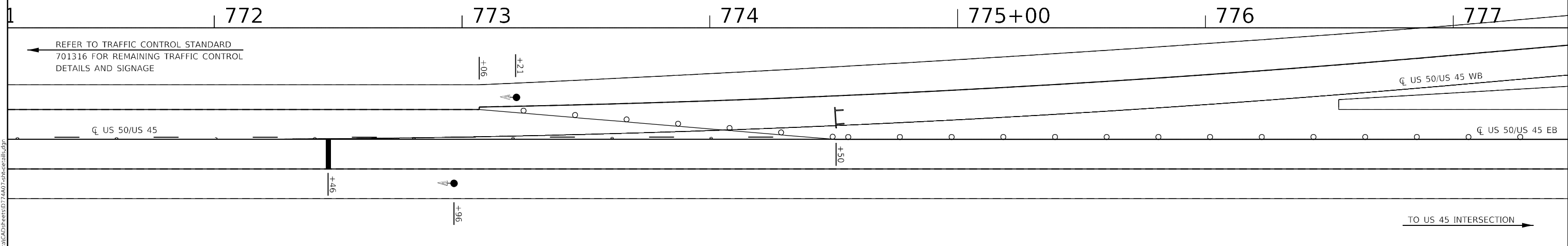
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

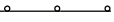




**TRAFFIC CONTROL DETAILS
TRAFFIC CONTROL AND PROTECTION (SPECIAL)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	60
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL DETAILS - CROSSOVER PAVEMENT REPLACEMENT



-  EDGE DRUMS
-  TYPE III BARRICADE
-  STOP BAR
-  TEMPORARY TRAFFIC SIGNALS
-  WORK AREA

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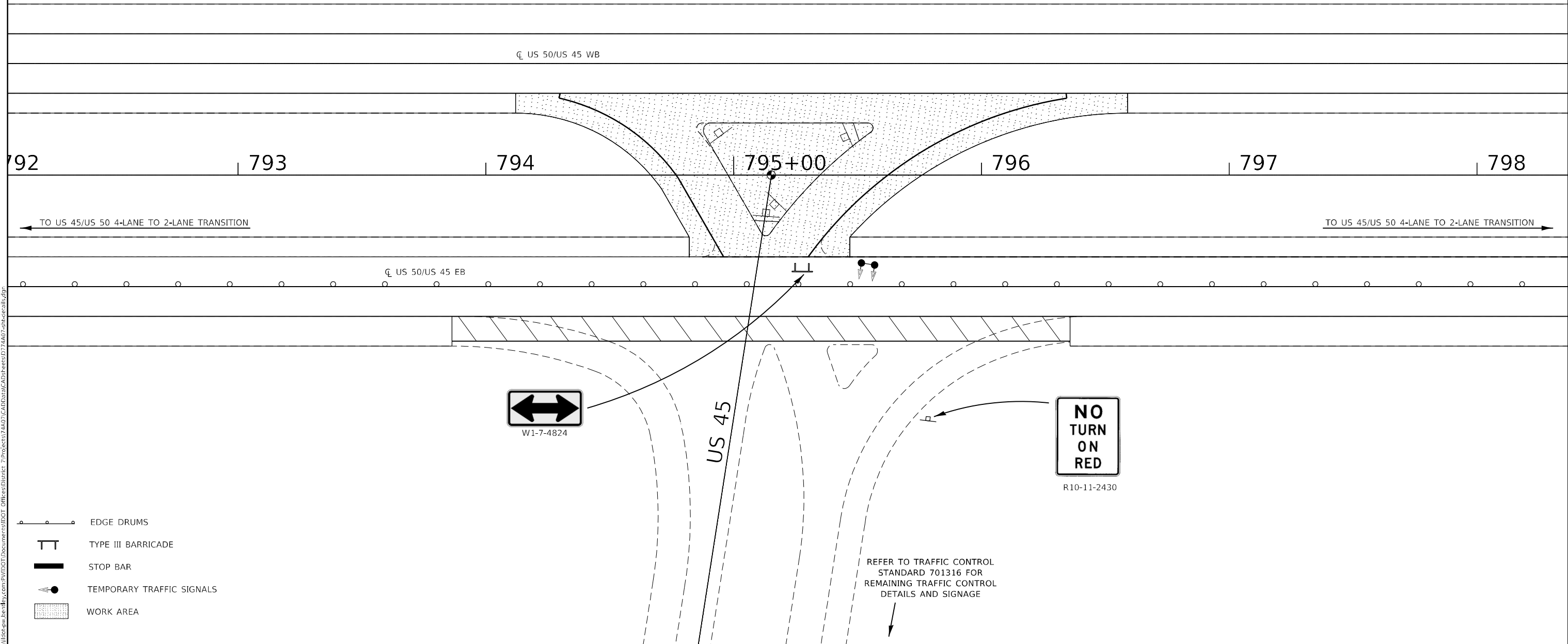
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

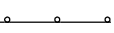




**TRAFFIC CONTROL DETAILS
CROSSOVER PAVEMENT REPLACEMENT**

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	61
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL DETAILS - CROSSOVER PAVEMENT REPLACEMENT



-  EDGE DRUMS
-  TYPE III BARRICADE
-  STOP BAR
-  TEMPORARY TRAFFIC SIGNALS
-  WORK AREA

REFER TO TRAFFIC CONTROL
STANDARD 701316 FOR
REMAINING TRAFFIC CONTROL
DETAILS AND SIGNAGE

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PLOT DATE = 2/16/2022	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL DETAILS
CROSSOVER PAVEMENT REPLACEMENT**

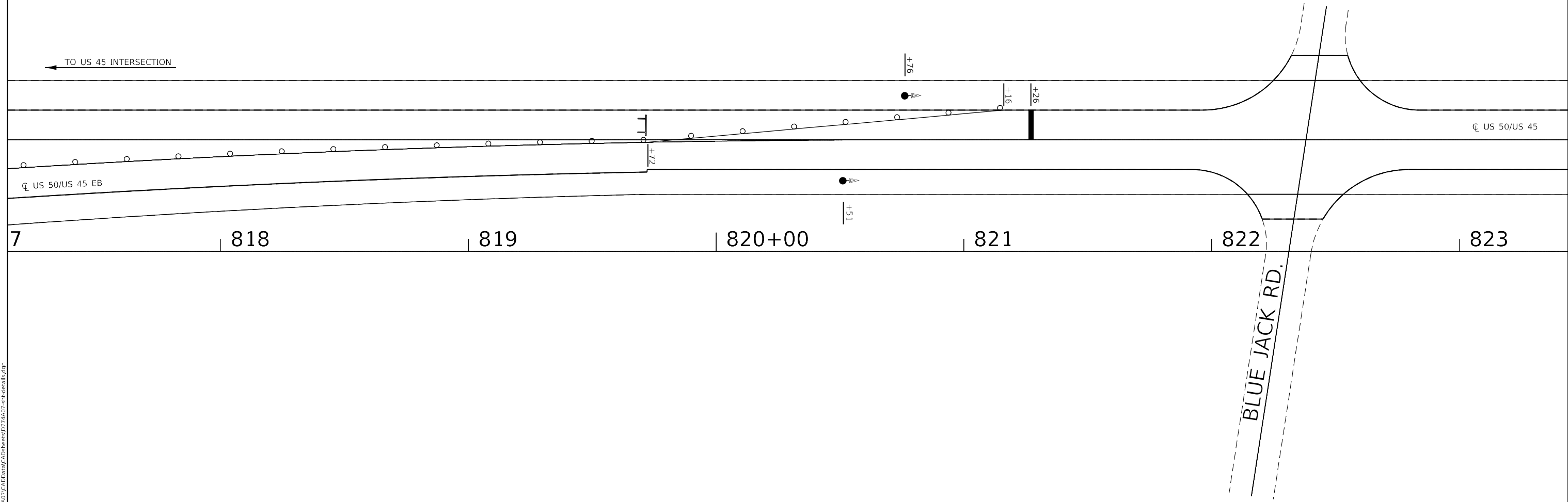
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	62
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL DETAILS - CROSSOVER PAVEMENT REPLACEMENT



REFER TO TRAFFIC CONTROL STANDARD
701316 FOR REMAINING TRAFFIC CONTROL
DETAILS AND SIGNAGE →



- EDGE DRUMS
- TYPE III BARRICADE
- STOP BAR
- TEMPORARY TRAFFIC SIGNALS
- WORK AREA

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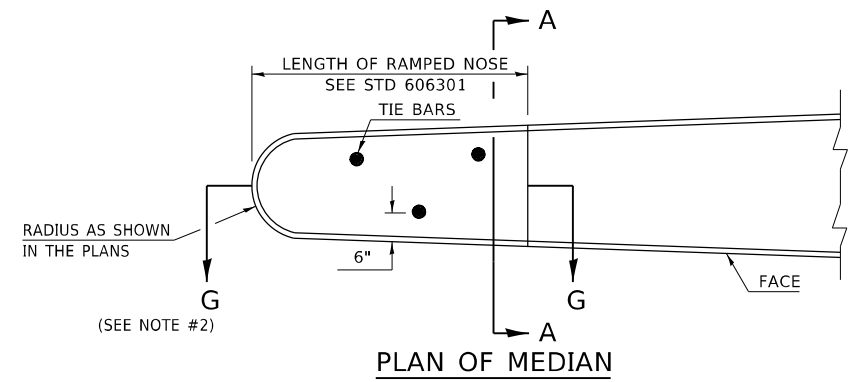
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL DETAILS
CROSSOVER PAVEMENT REPLACEMENT**

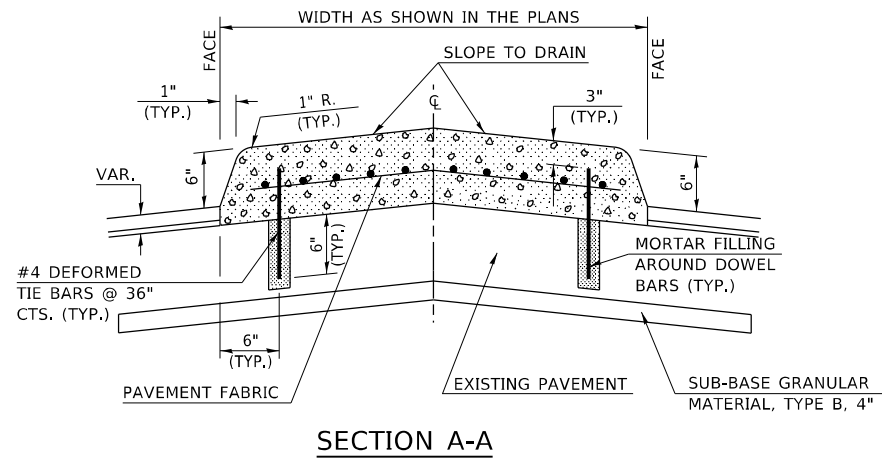
SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	63
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

DETAIL OF CONCRETE MEDIAN, TYPE SB-6.06 (DOWELLED)



ALL DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SHOWN.

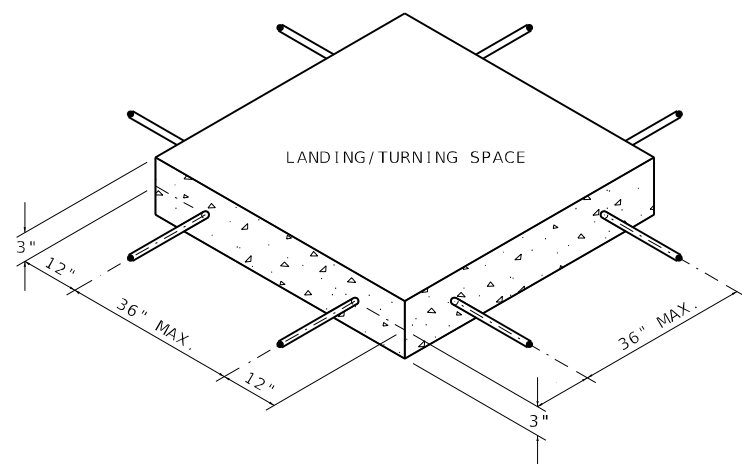


GENERAL NOTES

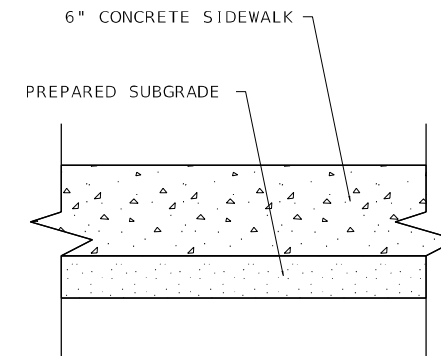
1. THE GENERAL NOTES FOR STANDARD 606301 SHALL APPLY.
2. SECTION G-G SHALL BE THE SAME AS SHOWN ON STANDARD 606301.
3. DOWEL BARS @ 36" CTS. OR AS DIRECTED BY THE ENGINEER.

ADA DETAILS

NOTE: TIE BARS SHALL BE OMITTED BETWEEN PROPOSED LANDING/TURNING SPACES AND PROPOSED TRANSITIONAL SEGMENTS.
(SEE SPECIAL PROVISION)



SIDEWALK REINFORCEMENT



TYPICAL SIDEWALK SECTION
WITHIN INTERSECTION CORNER

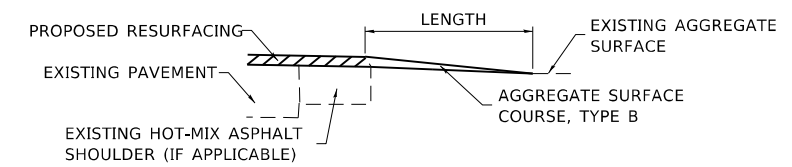
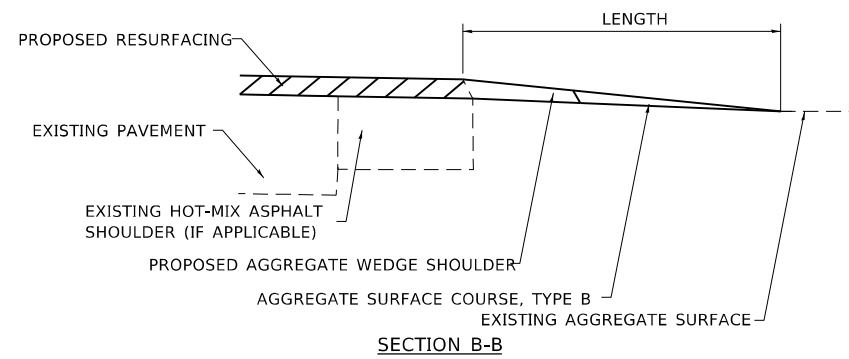
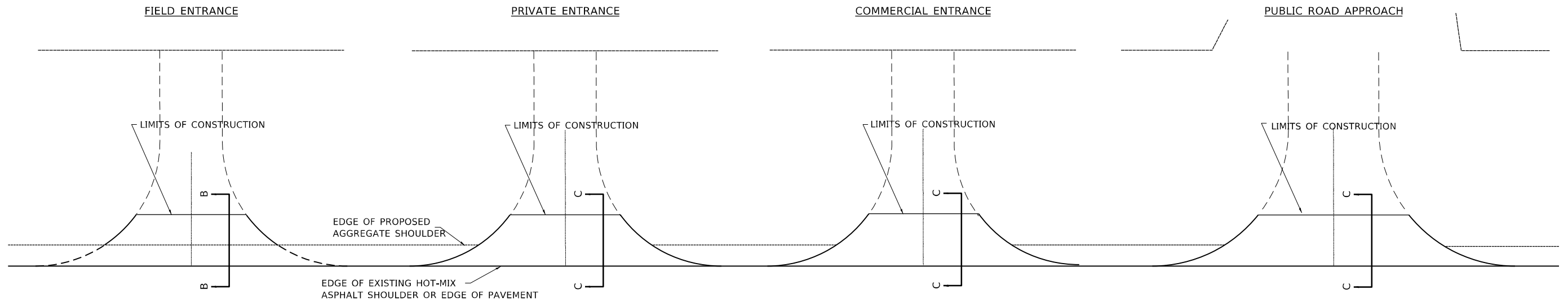
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MISCELLANEOUS DETAILS

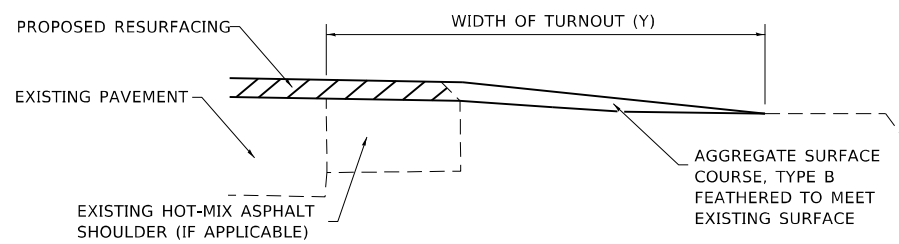
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PLOT DATE = 2/16/2022	DATE -	REVISED -	

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	64
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

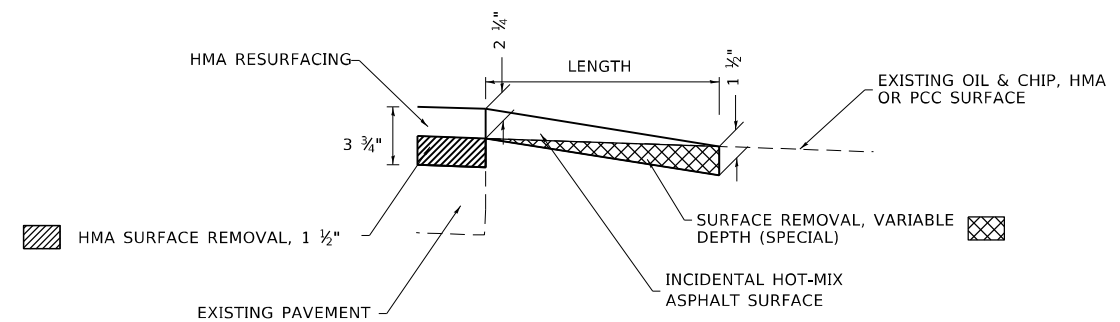


SECTION C-C



TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS



SECTION C-C

NOTES

LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS

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

MODEL: Default
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PROJECT: 74A07
DRAWING: 74A07-1
DATE: 2/15/2022

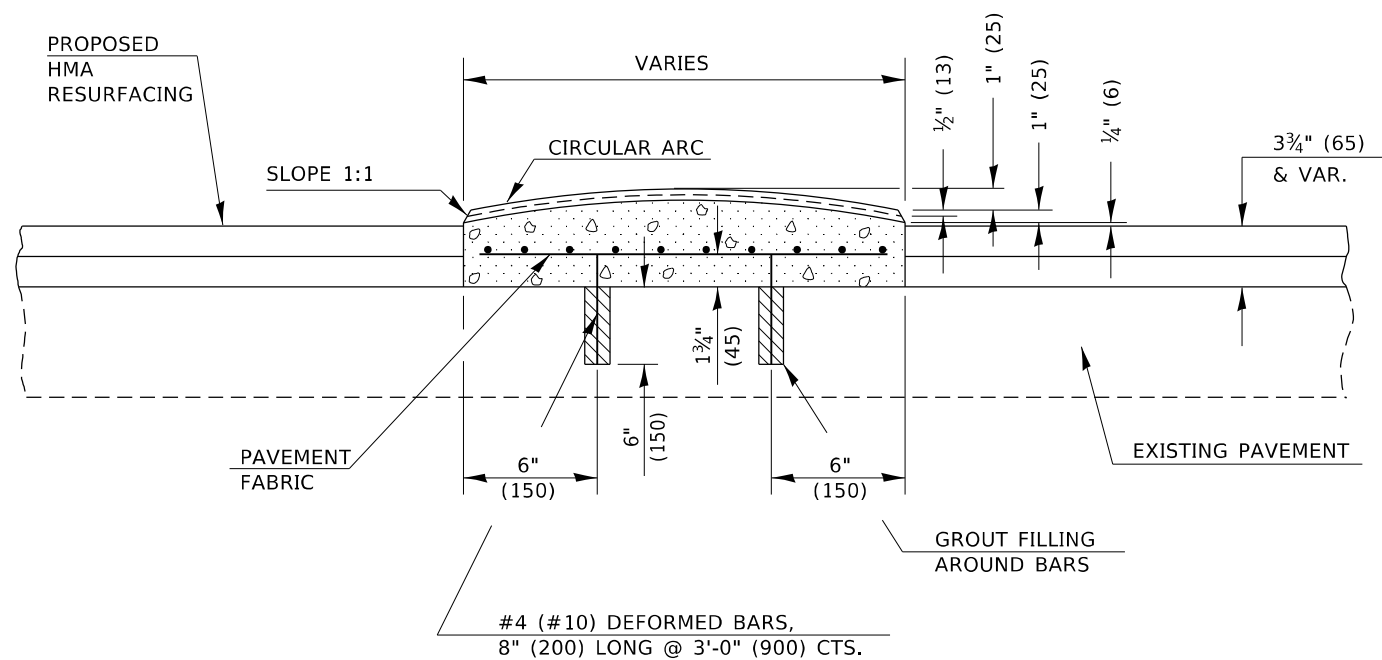
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PLOT DATE = 2/15/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

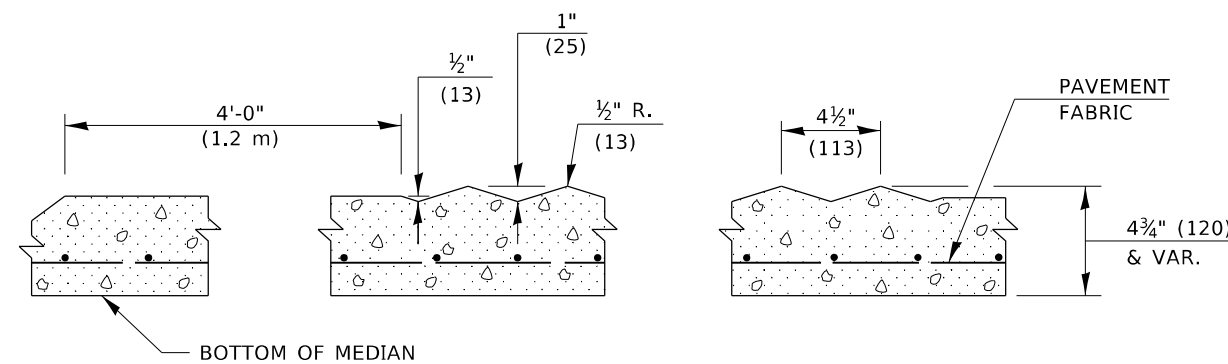
RURAL ENTRANCE AND MAILBOX TURNOUT DETAILS
WITH SHOULDERS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 327	SECTION (8-2)RS-1	COUNTY CLAY	TOTAL SHEETS 72	SHEET NO. 65
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



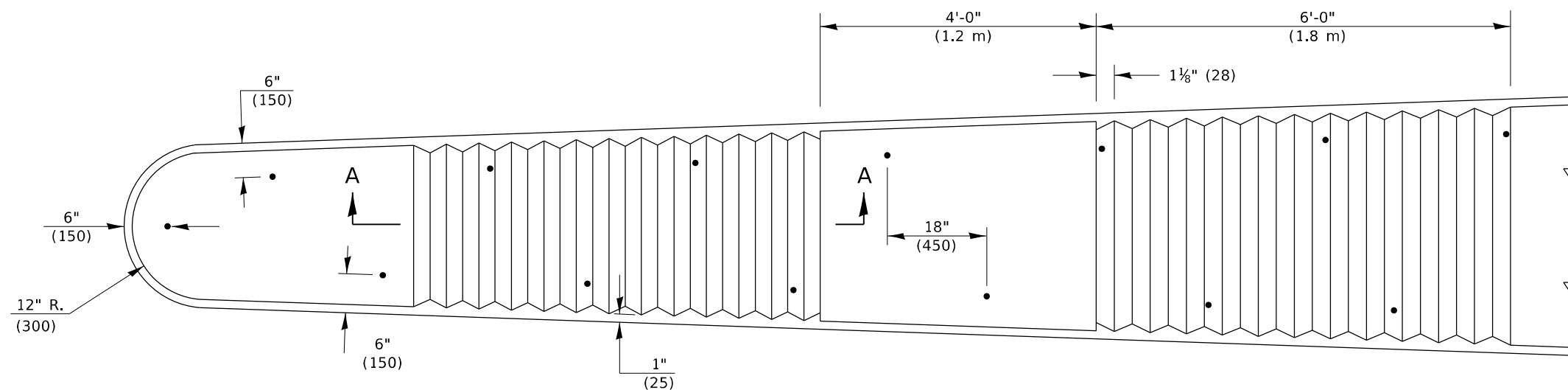
TRANSVERSE SECTION



SECTION A-A

GENERAL NOTES

1. DOWELS AT 3'-0" (900) INTERVALS OR AS DIRECTED BY THE ENGINEER.
2. SEE STANDARD 420701 FOR PAVEMENT FABRIC DETAILS.
3. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ FT FOR CORRUGATED MEDIAN (DOWELLED). THE COST OF FURNISHING AND INSTALLING THE DOWEL BARS, GROUT FILLING, AND PAVEMENT FABRIC SHALL BE INCLUDED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



PLAN

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

DISTRICT 7 DETAIL NO. 60624610

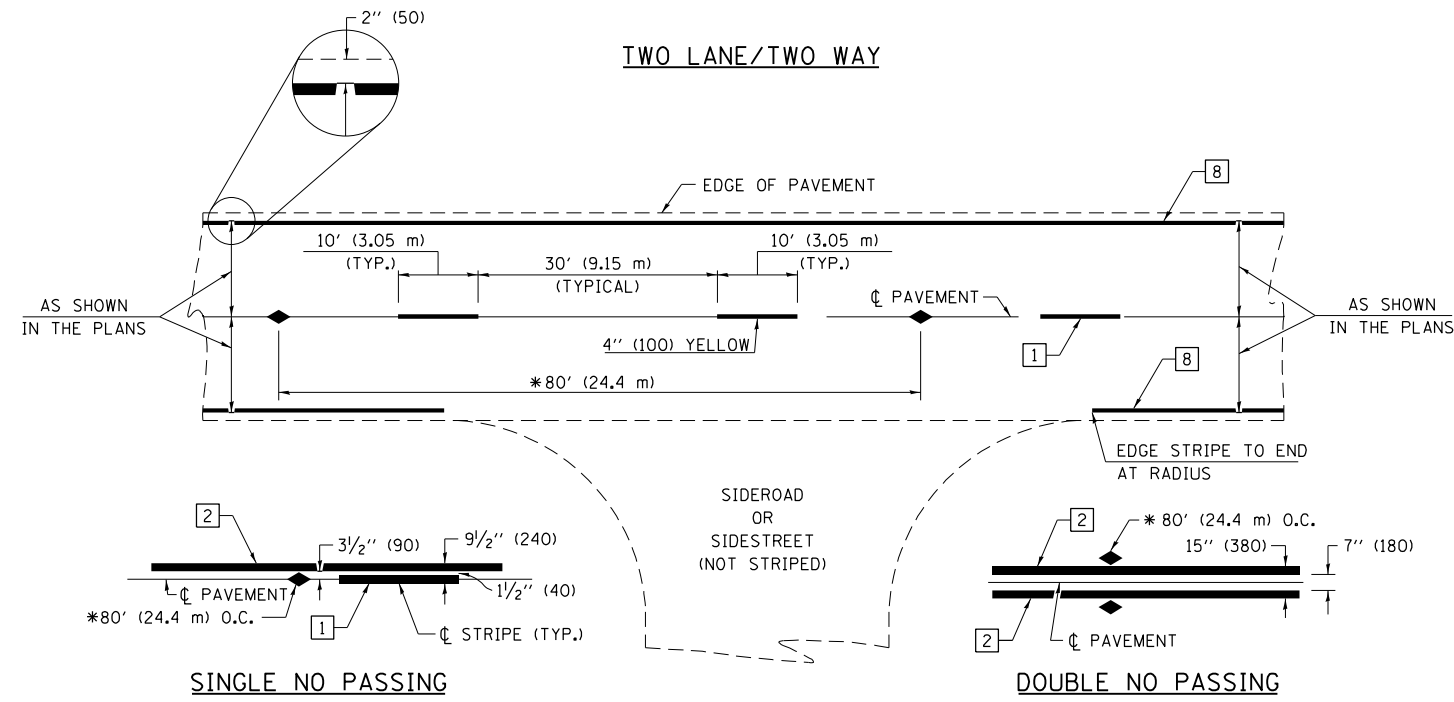
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PLOT DATE = 2/15/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CORRUGATED MEDIAN (DOWELLED)

SCALE: SHEET OF SHEETS STA. TO STA.

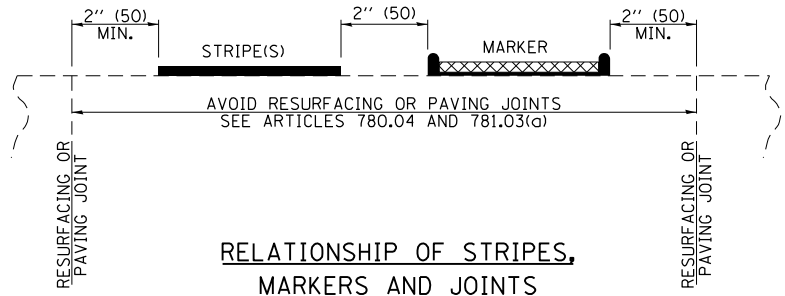
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	66
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				



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

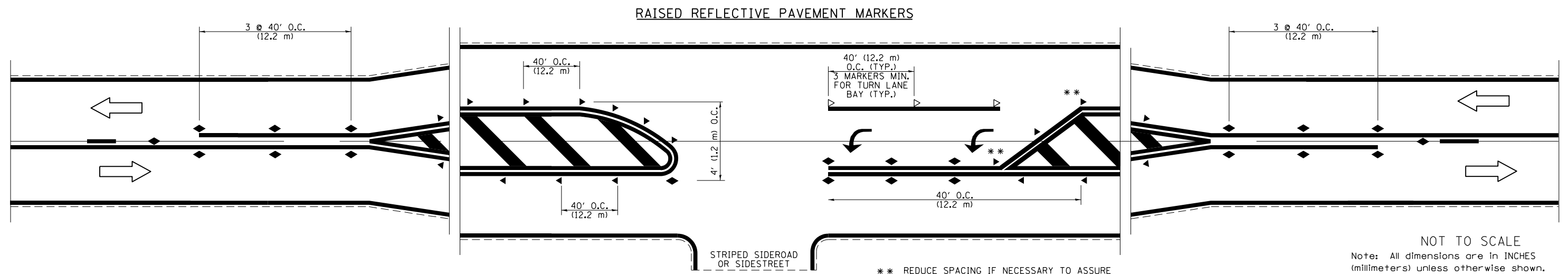
PAVEMENT MARKING LEGEND

- 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
-



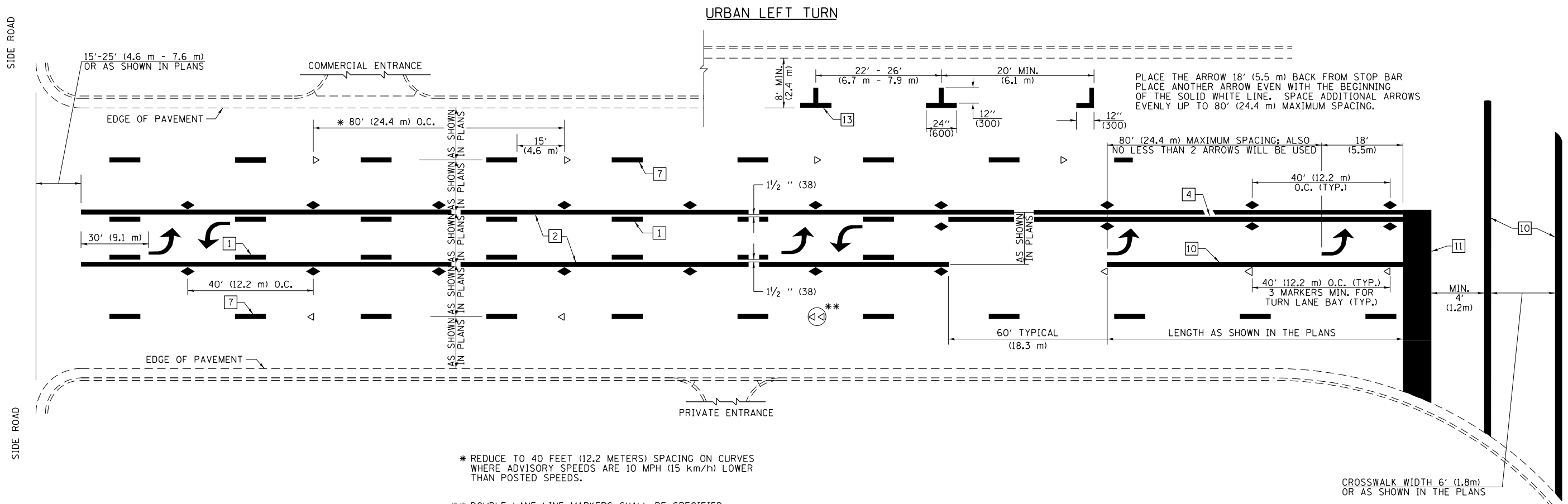
TYPICAL PAVEMENT MARKERS LEGEND

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



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

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



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.

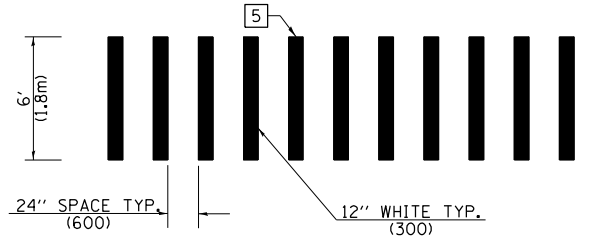
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED
 AND SPACED AS SHOWN IN HIGHWAY STANDARD
 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED
 HIGHWAYS.

PAVEMENT MARKING LEGEND

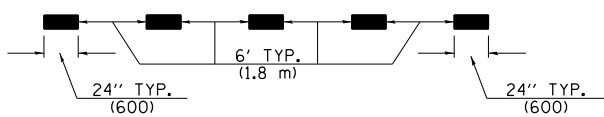
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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

GENERAL NOTES

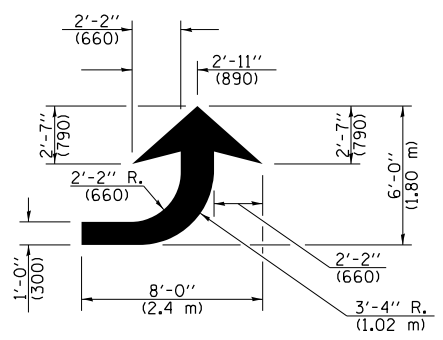
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT 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.
6. ALL WHITE SKIP-DASH LINES SHALL BE 6" IN WIDTH.



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

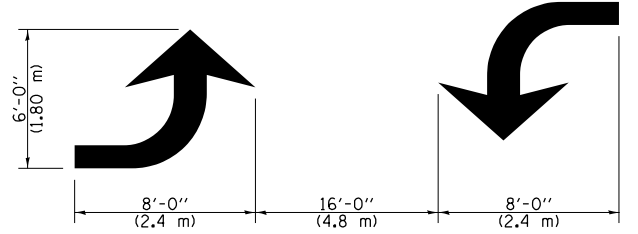


LANE LINE EXTENSIONS



LEFT ARROW

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



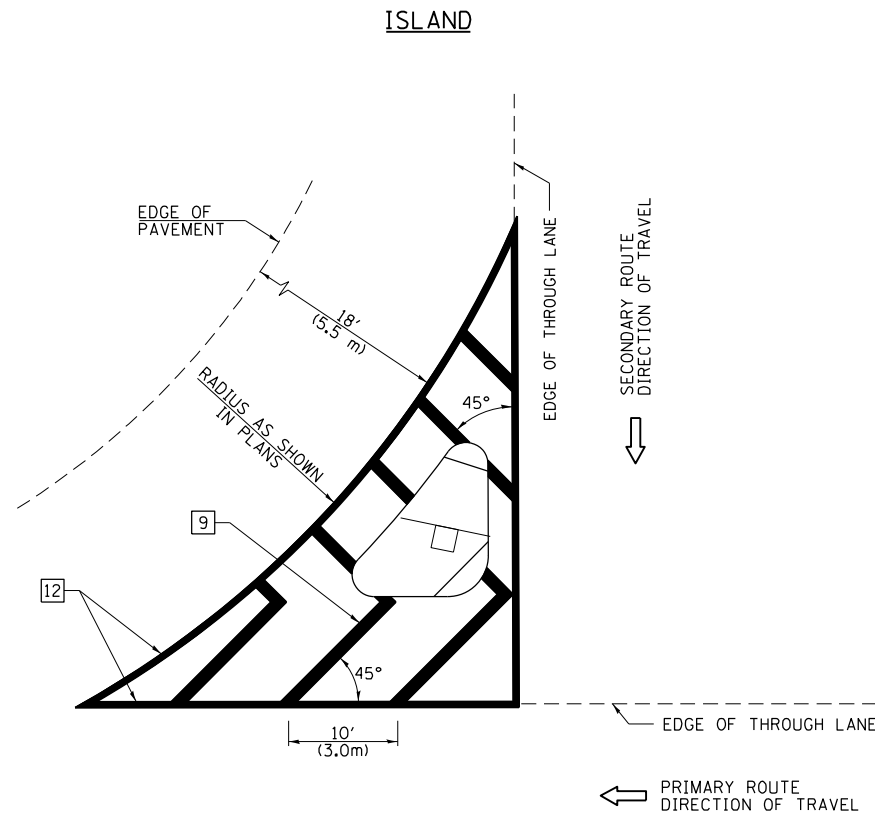
**TYPICAL DOUBLE
 TURN ARROWS (WHITE)**

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 78000001

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 2/15/2022	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							

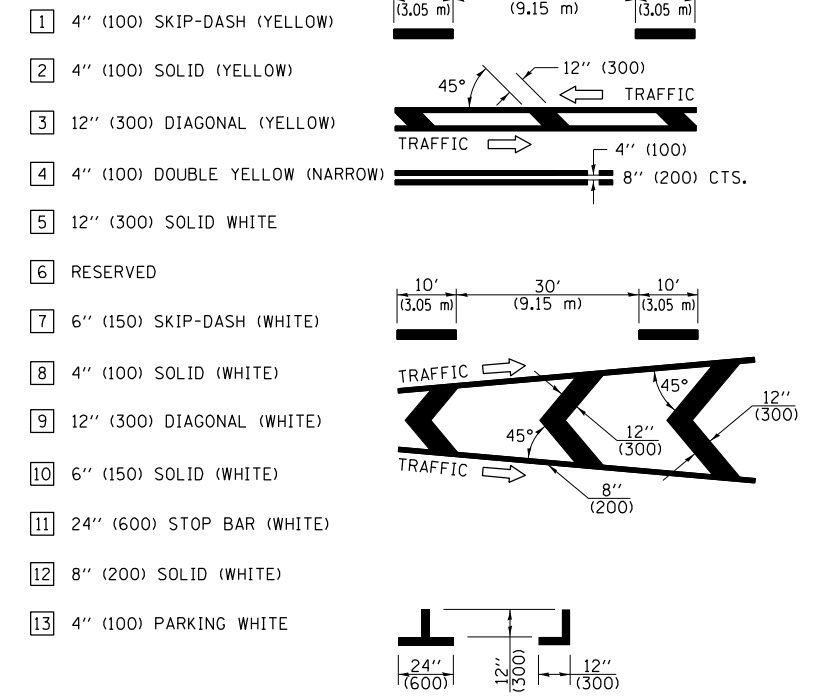


GENERAL NOTES

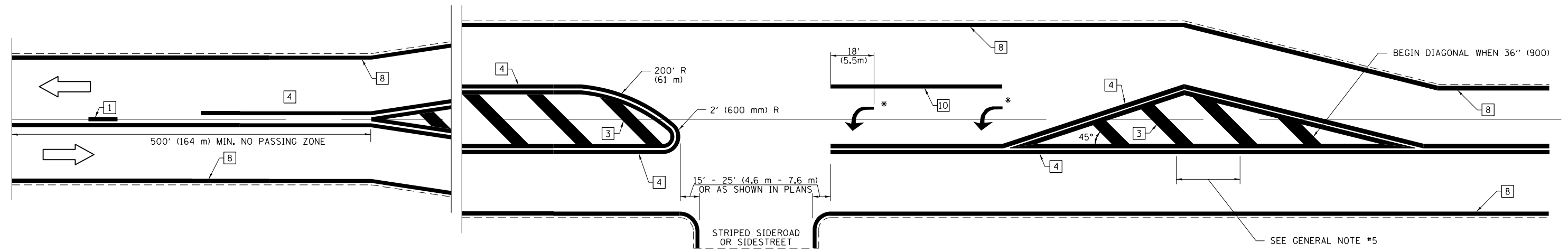
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING 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				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	69
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

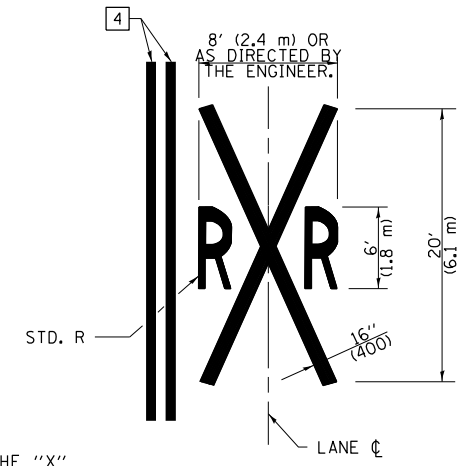
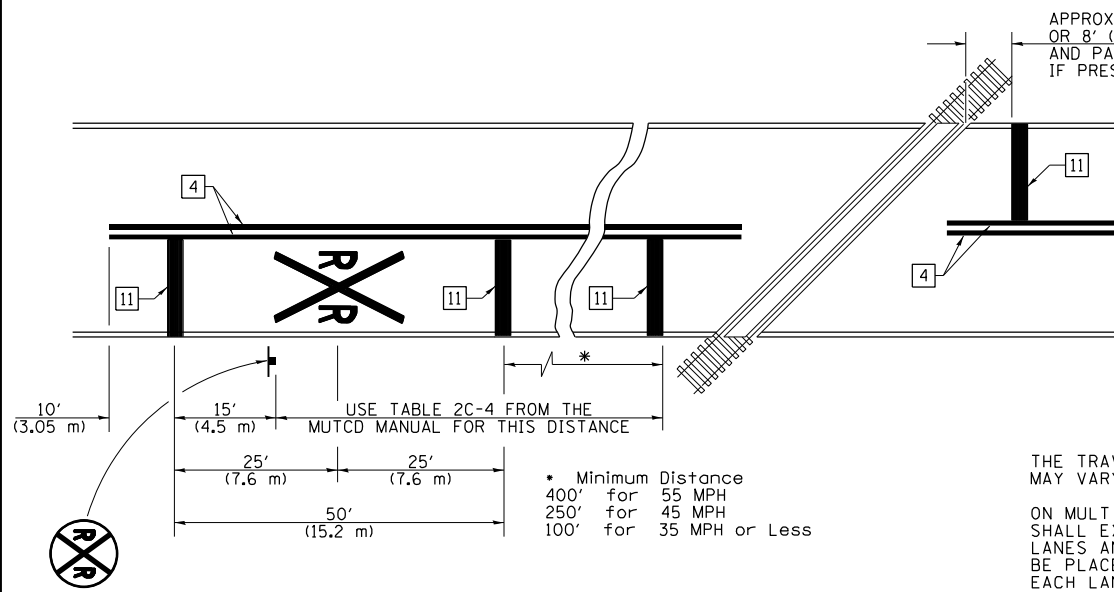
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PLOT DATE = 2/15/2022			

**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.

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

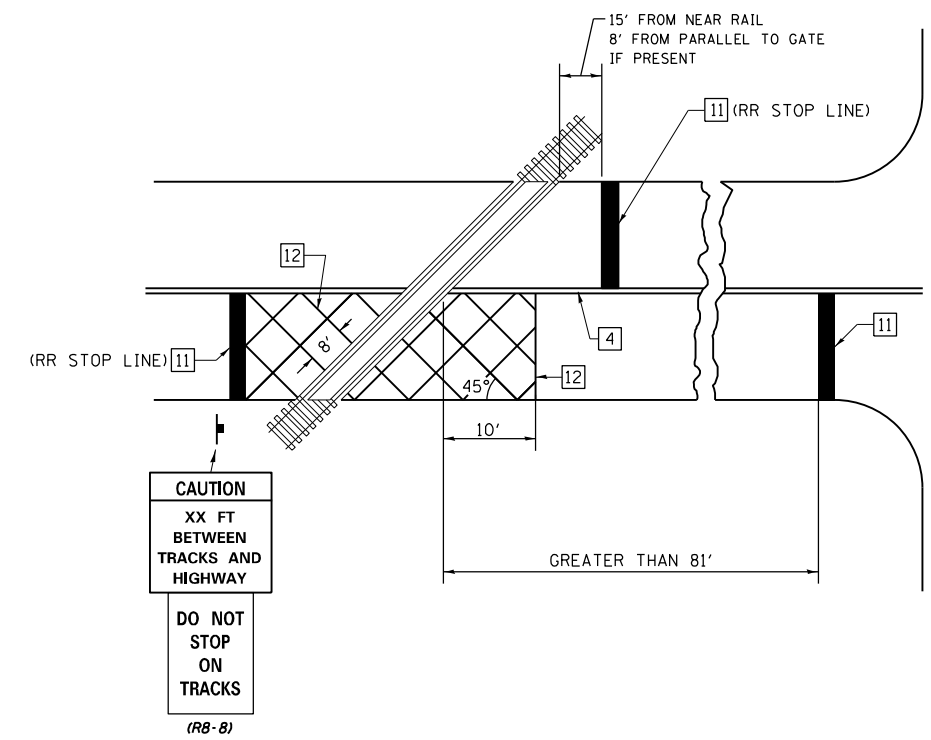
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

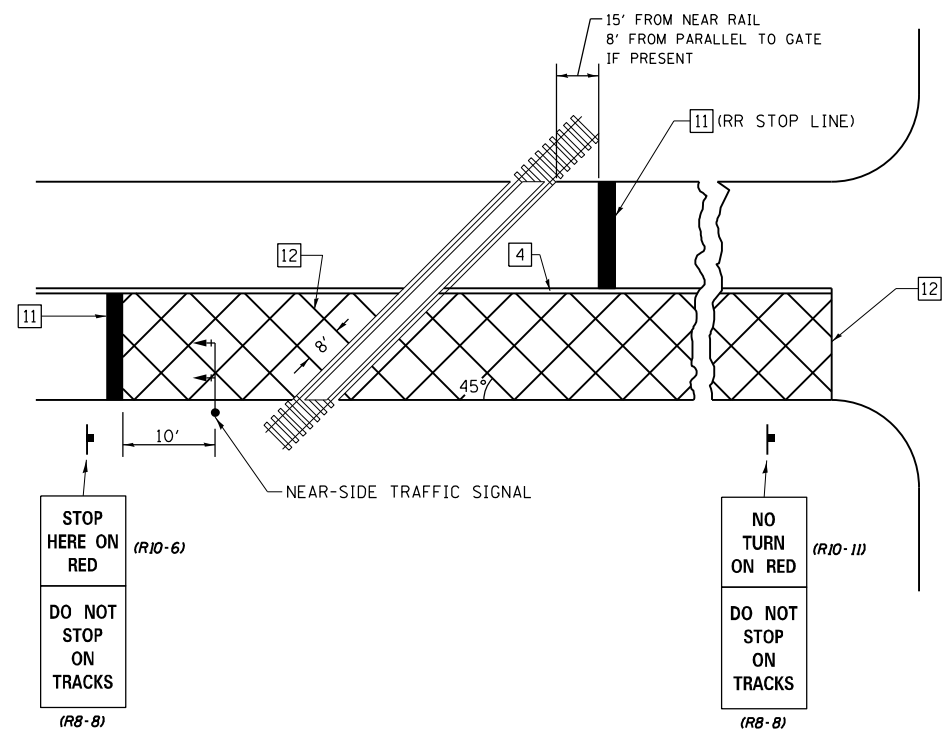
PAVEMENT MARKING LEGEND

- 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

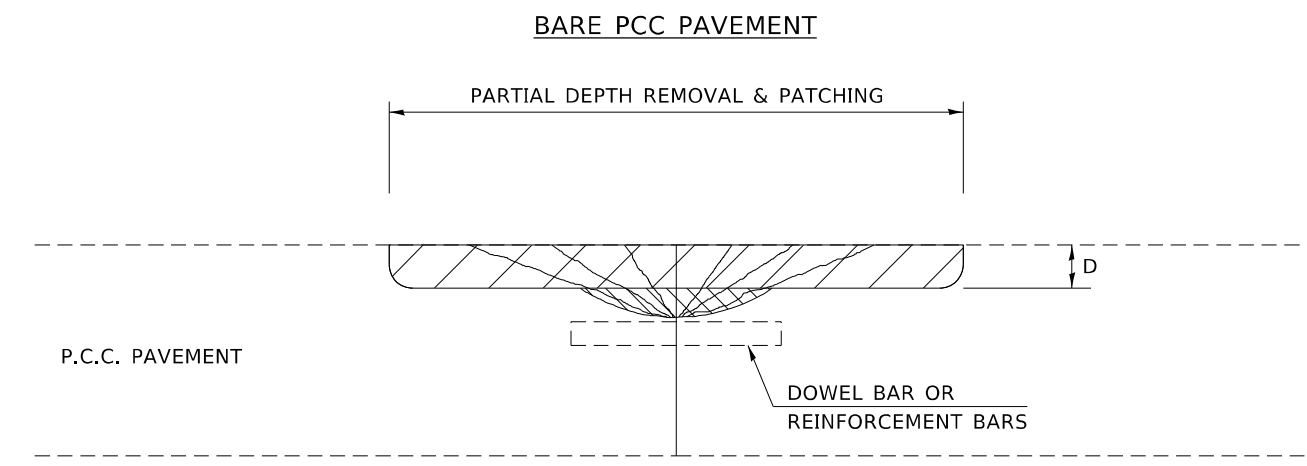
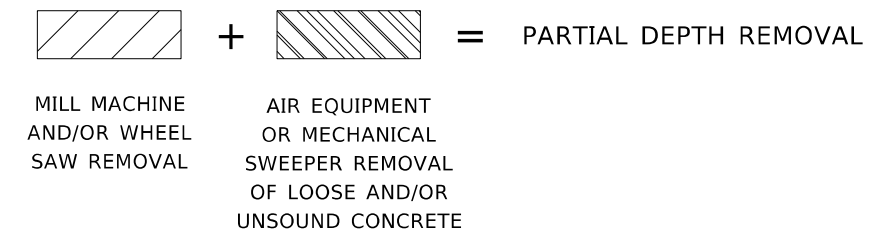
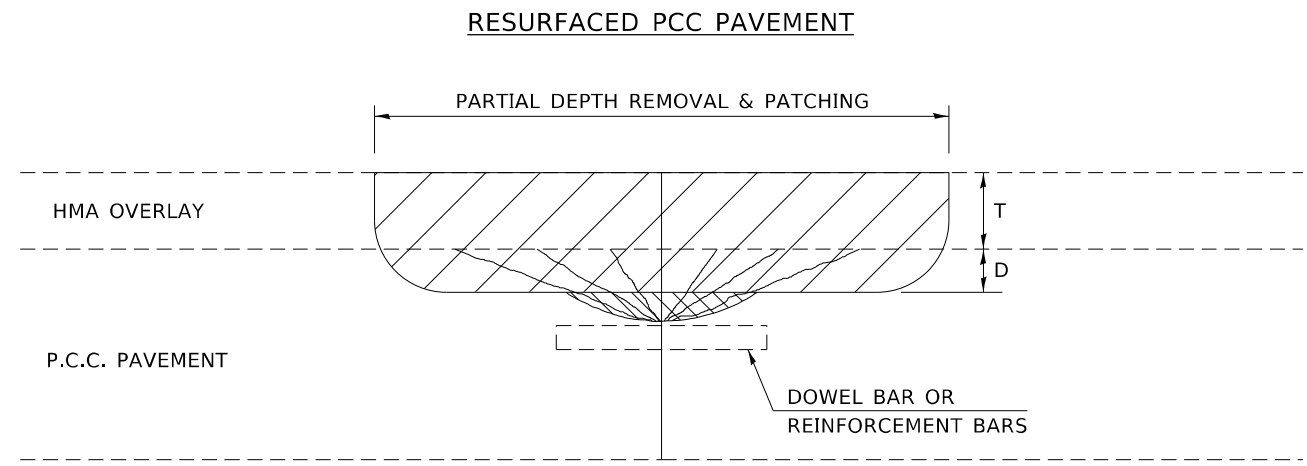
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw\bentley.com\PIDOT\Documents\IDOT Offices\District 7\Projects\74407\CADD\Drawings\Sheets\774407-shd-details.dgn		CHECKED -	REVISED -			327	(8-2RS-1)	CLAY	72	70
PLOT SCALE = 40.0000' / in.		DATE -	REVISED -			CONTRACT NO. 74A07				
PLOT DATE = 2/15/2022						ILLINOIS FED. AID PROJECT				

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.

MODEL: Default
 FILE NAME: p:\subsect-pw-bead\paw.com\PIV\DOT\Documents\DOT Office\District 7\Project\74A07\CADD\DATA\CAD\Sheet\ID74A07-5-1-1.dwg



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.

DISTRICT 7 DETAIL NO. X4421000

USER NAME = stefnsmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/15/2022	DATE -	REVISED -

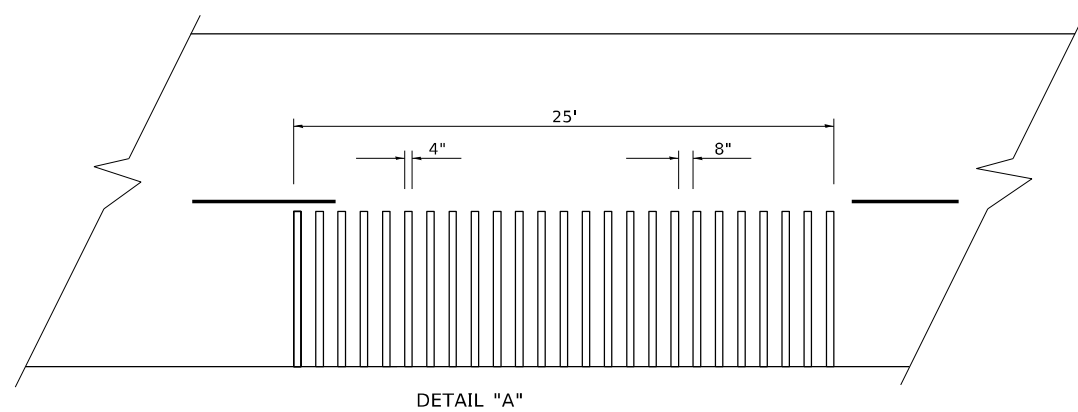
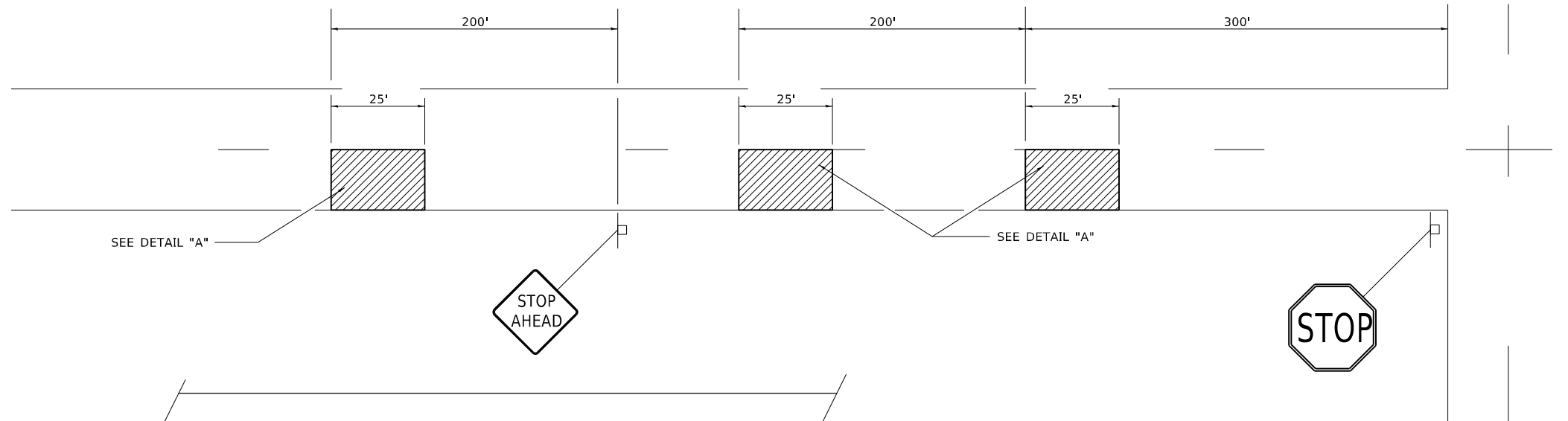
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PARTIAL DEPTH PATCHING DETAILS

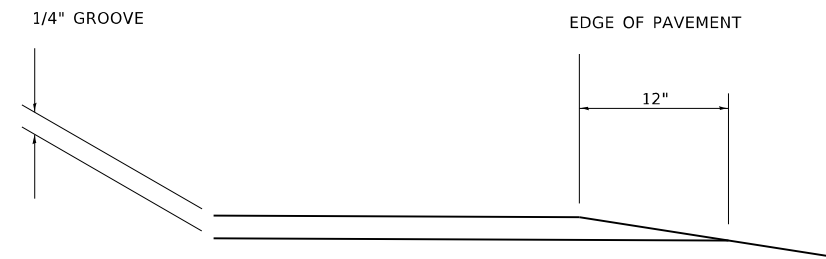
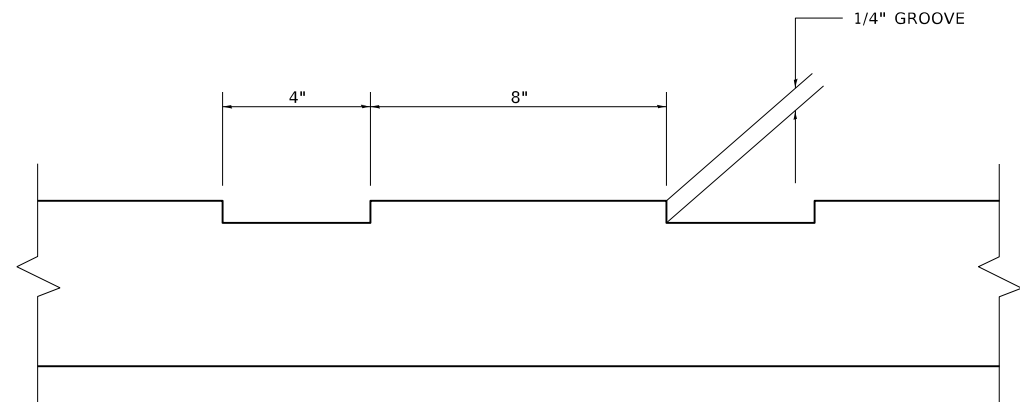
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	71
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				

TYPICAL RUMBLE STRIP APPLICATION IN ADVANCE OF AN INTERSECTION



NOTE: THE 25 FEET RUMBLE AREA HAS 4" WIDE GROOVES SAWED INTO THE PAVEMENT, SEPARATED BY 8" OF EXISTING PAVEMENT. THE SAW CUTS SHALL EXTEND 12" INTO THE SHOULDER TO ALLOW FOR DRAINAGE.



NOT TO SCALE

DISTRICT 7 DETAIL NO. Z0055300

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL RUMBLE STRIP APPLICATION

USER NAME = stefnsmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/15/2022	DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
327	(8-2)RS-1	CLAY	72	72
CONTRACT NO. 74A07				
ILLINOIS FED. AID PROJECT				