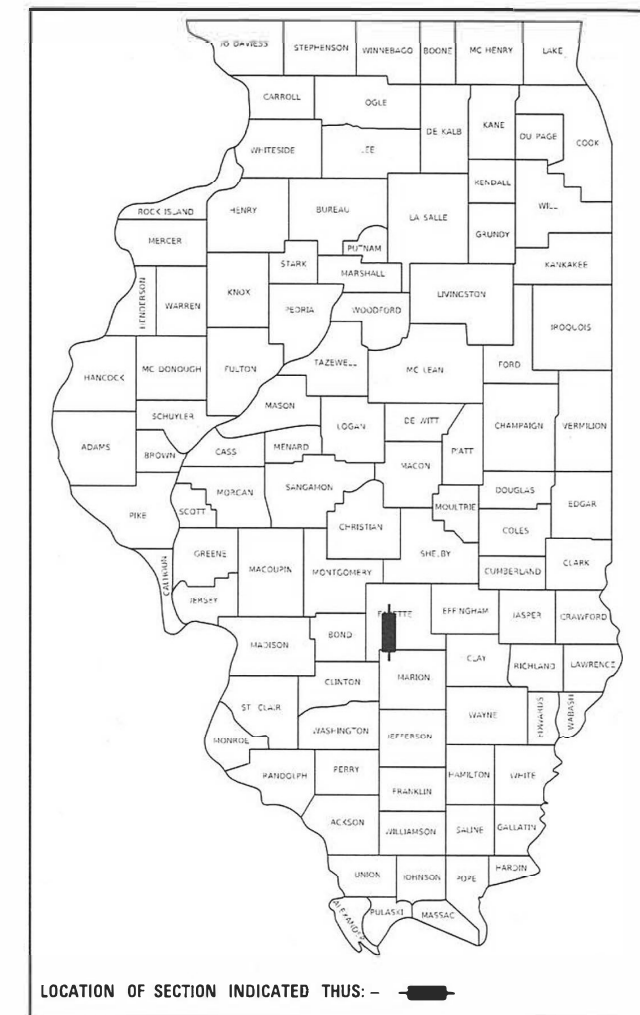


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	1
		ILLINOIS	CONTRACT NO. 74963	

\*FAP 322, FAP 752

D-97-039-20



FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT=3,800 (2019)

STATION EQUATIONS:

STA 244+80.68 BK = STA 244+80.42 AH  
STA 274+12.00 BK = STA 273+97.32 AH  
STA 370+43.59 BK = STA 374+05.32 AH

BRIDGE OMISSIONS:

STA 86+68.00 TO STA 88+04.00 STRUCTURE #026-0035  
STA 135+23.24 TO STA 137+46.98 STRUCTURE #026-0036  
STA 196+08.71 TO STA 197+45.29 STRUCTURE #026-0037  
STA 228+02.00 TO STA 229+32.00 STRUCTURE #026-0104

**PROPOSED  
HIGHWAY PLANS**  
FAP ROUTE 322 & FAP 752 (US 51, US 40, ILL 185)  
SECTION (23,24,24-2)RS-2  
PROJECT NHPP-STP-KT36(391)  
DESIGNED OVERLAY /CULVERT REPLACEMENT  
FAYETTE COUNTY

C-97-041-20

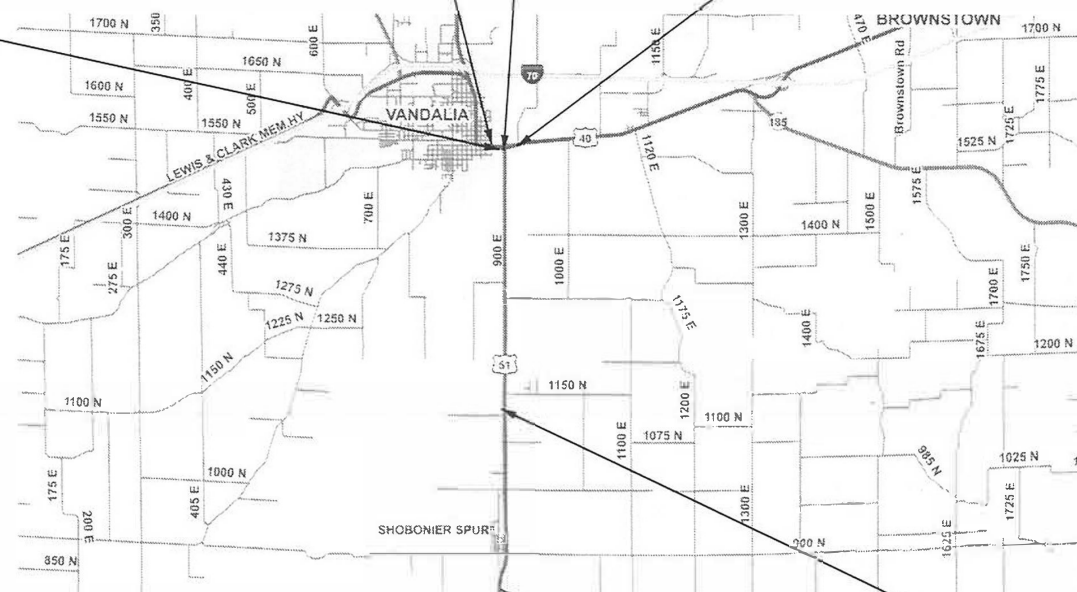
BEGINNING RAMP  
FAP 322 (US 40 TO US 51 RAMP)  
STA. 35R+57

END RAMP  
FAP 322 (US 40 TO US 51 RAMP)  
STA. 53R+07

BEGINNING PROJECT  
FAP ROUTE 752 (US 40 ILL 185)  
STA. 135+57

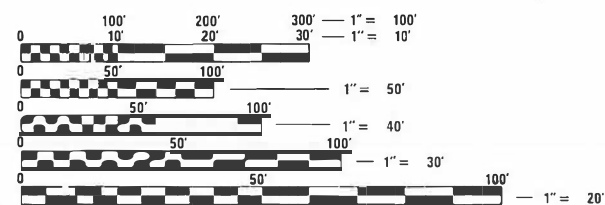
BEGINNING PROJECT  
FAP ROUTE 322 (US 51)  
STA. 2+37

END PROJECT  
FAP ROUTE 752 (US 40 ILL 185)  
STA. 149+80



END PROJECT  
FAP ROUTE 322 (US 51)  
STA. 376+00

CULVERT STRUCTURE  
EXISTING SN: 026-8648  
PROPOSED SN: 026-8663  
CULVERT REPLACEMENT  
FAP ROUTE 322 (US 51)  
STA. 256+87.3



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: MARIA BLOEMER /MYRA OLTMAN  
PHONE: (217) 342-8360  
CONTRACT NO. 74963

GROSS LENGTH = 40,183.21 FT. = 7.610 MILES  
NET LENGTH = 39,556.89 FT. = 7.492 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED JANUARY 6 20 22  
*Jeffrey P. M... Regional Engineer*  
REGIONAL ENGINEER

February 4 20 22  
*Stephen M. ... Engineer of Design and Environment*  
ENGINEER OF DESIGN AND ENVIRONMENT

February 4 20 22  
*Stephen M. ... Director of Highways Project Implementation*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

GENERAL NOTES

THIS PROJECT IS LOCATED IN TWO ADJOINING AREAS. THE FIRST AREA IS ON US 40/ILL 185 FROM THE KASKASKIA RIVER BRIDGE TO 0.1 MILES EAST OF US 51. THE SECOND AREA IS ON US 51 FROM US 40/ILL 185 EAST OF VANDALIA TO 0.2 MILES SOUTH OF SHOBNIER ROAD.

THE WORK INCLUDED IN SECTION (23,34,34-2)RS-2) CONSISTS CLASS D PATCHING, CLASS C PATCHING, HMA SURFACE REMOVAL AND RESURFACING, AGGREGATE SHOULDERS, INCIDENTAL HMA, RUMBLE STRIPS, LONGITUDINAL JOINT SEALANT, CULVERT REMOVAL & REPLACEMENT, PAINT PAVEMENT MARKING, GROOVED IN THERMOPLASTIC PAVEMENT MARKING, REMOVAL & REPLACEMENT OF RAISED PAVEMENT MARKERS, PROTECTING OR RESETTING SURVEY MARKERS, CORRUGATED MEDIAN AND ANY OTHER WORK NEEDED TO COMPLETE THESE SECTIONS. CULVERT STRUCTURE 026-8648 IS PROPOSED TO BE REPLACED.

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

HMA SHOULDERS SHALL BE PAVED IN CONJUNCTION WITH HMA BINDER AND HMA SURFACE COURSES FOR MAINLINE PAVING.

SUGGESTED SEQUENCE OF OPERATIONS FOR RESURFACING:

1. CONSTRUCT PROPOSED CLASS C AND D PATCHING.
2. CONSTRUCT ALL HMA SURFACE REMOVAL ON ROUTES US 40/ILL 185 AND US 51.
3. CONSTRUCT THE 1 3/4" HMA BINDER ALONG ENTIRE PROJECT.
4. CONSTRUCT LONGITUDINAL JOINT SEALANT
5. CONSTRUCT ALL 2" HMA SURFACE COURSE FOR ROUTES 40/ILL 185 AND US 51.
6. CONSTRUCT PROPOSED ENTRANCES.
7. CONSTRUCT PROPOSED RUMBLE STRIPS, AGGREGATE SHOULDER, AND PAVEMENT MARKING.

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

OMIT RUMBLE STRIPS ON ALL SIDEROADS, PRIVATE AND COMMERCIAL ENTRANCES AT RADIUS RETURNS. RUMBLE STRIPS SHALL BE OMITTED WITHIN THE LIMITS OF THE CULVERT REPLACEMENT. THESE RUMBLE STRIP OMISSIONS WILL NOT BE MEASURED FOR PAYMENT.

FINAL LOCATIONS FOR CLASS D PATCHING TO BE SPECIFIED BY THE ENGINEER.

THE FOLLOWING APPLICATION RATES WERE USED IN CALCULATING PLAN QUANTITIES AND HAVE BEEN INCLUDED FOR REFERENCE:

APPLICATION RATES

AGGREGATE SHOULDER AND SURFACE COURSE: 2.05 TON/CU YD  
 BITUMINOUS MATERIALS (TACK COAT): 0.050 LB/SQ FT - MILLED SURFACES  
 0.025 LB/SQ FT - HMA LIFTS  
 HOT-MIX ASPHALT BINDER AND SURFACE COURSE: 112 LB/SQ YD/INCH

THE QUANTITIES FOR PAINT PAVEMENT MARKING - LINE 4" ARE AS FOLLOWS: 12,483' OF YELLOW AND 70,513' OF WHITE. FOR ALL QUANTITIES, SEE PAVEMENT MARKING SCHEDULES.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

LOCATION	APPLICATION	COURSE	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	QUALITY MANAGEMENT
ALL ROUTES	HMA SURFACE COURSE, IL-9.5, MIX "C", N70 (2")	SURFACE	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	PFP
	HMA BINDER COURSE, IL-9.5FG, N70, (1 3/4")	BINDER	PG 64-22	4.0% @ N=70	IL - 9.5FG	N/A	PFP
	CLASS D PATCHING	N/A	PG 64-22	4.0% @ N=70	IL - 19.0	N/A	QC/QA
ENTRANCES	INCIDENTAL HMA SURFACING	N/A	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	QC/QA

INDEX OF SHETS

1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS & HIGHWAY STANDARDS
3-6	SUMMARY OF QUANTITIES
7-12	TYPICAL SECTIONS
13-24	SCHEDULE OF QUANTITIES
25-38	ALIGNMENT PLAN SHEETS
39	CULVERT STAGING TRAFFIC CONTROL
40-44	CULVERT DETAILS
45	PAVEMENT MARKING PLAN SHEET
46	LONGITUDINAL JOINT SEALANT PLAN SHEET
47	PAVING DETAILS
48-49	CORRUGATED MEDIAN (DOWELLED) DETAILS
50	TYPICAL RUMBLE STRIP APPLICATION DETAIL
51-52	ENTRANCE DETAILS
53-56	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
57-61	CROSS SECTION SHEETS

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

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
420001-10	PAVEMENT JOINTS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
515001-04	NAME PLATE FOR BRIDGES
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701321-18	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
606306-04	CORRUGATED PC CONCRETE MEDIANS
668001-01	U.S. GEOLOGICAL SURVEY AND NATIONAL GEODETIC SURVEY BENCHMARKS, RESETTING METHOD
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

REV. - MS

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 DATE: 1/6/2022

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DRAWN -	REVISED -	*			(23,24,24-2)RS-2	FAYETTE	61	2	
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PLOT DATE = 1/6/2022	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET 1	OF 2	SHEETS	STA.	TO STA.

\* FAP 322, FAP 752

80% FED  
20% STATE  
URBAN

80% FED  
20% STATE  
URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 ZOE1	0005 ZZE1	0004	CODE NO	ITEM	UNIT		0005 ZOE1	0005 ZZE1	0004
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	54.2			54.2							
							44000100	PAVEMENT REMOVAL	SO YD	105	105		
20400800	FURNISHED EXCAVATION	CU YD	188			188							
							44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	120747	120747		
20700220	POROUS GRANULAR EMBANKMENT	CU YD	276.4			276.4							
							44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	57	57		
28100107	STONE RIPRAP, CLASS A4	SO YD	56			56							
							44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SO YD	16205	12344	3861	
28200200	FILTER FABRIC	SO YD	56			56							
							44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	90		90	
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SO YD	699			699							
							44004250	PAVED SHOULDER REMOVAL	SO YD	342	342		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	110	110									
							44201421	CLASS C PATCHES, TYPE IV, 15 INCH	SO YD	128	128		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	92464	89857	2607								
							44201789	CLASS D PATCHES, TYPE II, 12 INCH	SO YD	3744	3616	128	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	39063	38476	587								
							44201794	CLASS D PATCHES, TYPE III, 12 INCH	SO YD	248	135	113	
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	13424	13045	379								
							44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SO YD	100	100		
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	15341	14908	433								
							48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2343	2301	42	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	283	283									
							48300300	PORTLAND CEMENT CONCRETE SHOULDERS 8"	SO YD	52.4	52.4		
42000060	WELDED WIRE REINFORCEMENT	SO YD	162	162									
							50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1	
42000540	PORTLAND CEMENT CONCRETE PAVEMENT 12"	SO YD	105	105									

REV. - MS

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)R5-2	FAYETTE	61	3
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

\* FAP 322, FAP 752

80% FED  
20% STATE  
URBAN

80% FED  
20% STATE  
URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
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52200020	TEMPORARY SOIL RETENTION SYSTEM	SO FT	360			360	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
								701306					
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2			2							
							70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
54010806	PRECAST CONCRETE BOX CULVERTS 8' X 6'	FOOT	55			55		701701					
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	70			70	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10		10	
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	90		90		70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1		1	
							70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	1652		1652	
60624610	CORRUGATED MEDIAN (DOWELLED)	SO FT	510	510									
							70107025	CHANGEABLE MESSAGE SIGN	CAL DA	42	42		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	72852	72852									
							70300100	SHORT TERM PAVEMENT MARKING	FOOT	12235	12110	125	
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	34	34									
							70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	1955	1253	14	688
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	7	7									
							70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SO FT	58.3	11.5	46.8	
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	7	7									
67100100	MOBILIZATION	L SUM	1	1			70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	92603	92603		
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD	EACH	1		1		70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	2016	1546	470	
	701321												
							70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	1091	841	250	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1			70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	238	238		
	701201												

REV. - MS

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	DRAWN -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)R5-2	FAYETTE	61	4
			CONTRACT NO. 74963	
		ILLINOIS FED. AID PROJECT		

\* FAP 322, FAP 752

80% FED  
20% STATE  
URBAN

80% FED  
20% STATE  
URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 ZOE1	0005 ZZE1	0004	CODE NO	ITEM	UNIT		0005 ZOE1	0005 ZZE1	0004
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	40	40									
							*78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	10365	10365		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	450		450								
							*78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	2016	1546	470	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	425		425								
							*78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	1091	1091		
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2		2								
							*78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	238	238		
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2		2								
							*78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	40	40		
							*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	609	544	65	
*78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	58.3	11.5	46.8								
							78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	500	500		
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10365	10365									
							X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SO YD	3337	3337		
*78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2016	1546	470								
							X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SO YD	70		70	
*78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1091	1091									
							X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.5		0.5	
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	238	238									
							*X4060995	TEMPORARY RAMP, SPECIAL	SO YD	399	399		
*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	40	40									
							Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	34	34		
*78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	82238	82238									
							Z0054402	ROCK FILL - REPLACEMENT	CU YD	52		52	
*78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SO FT	172	28	144								

\* SPECIALTY ITEM

MODEL NUMBER  
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	DRAWN -	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

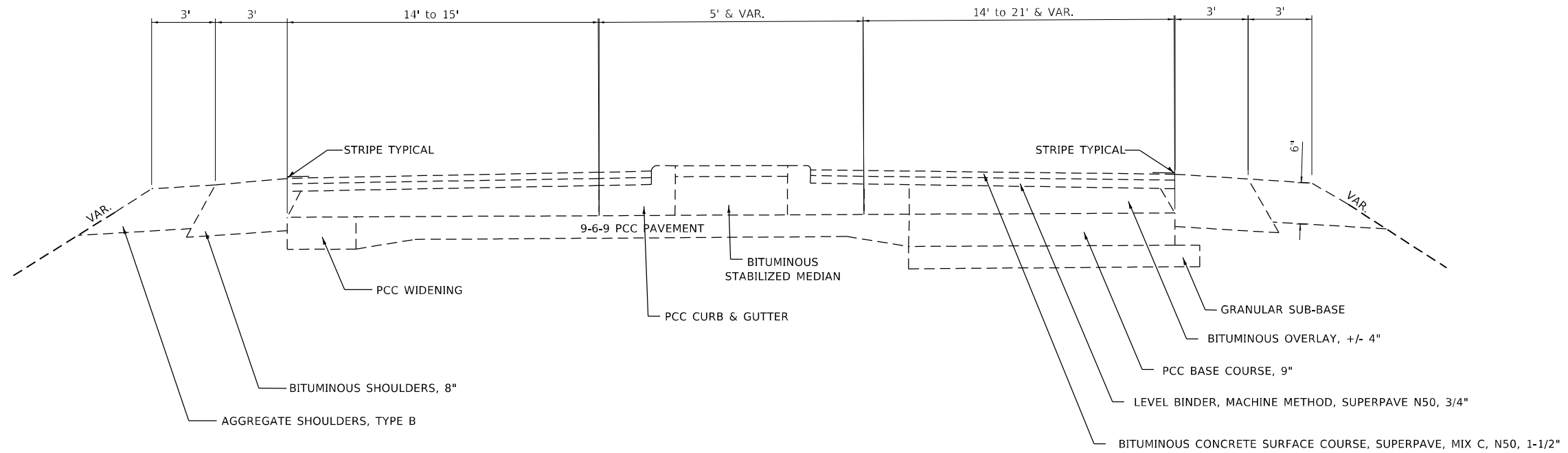
SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)R5-2	FAYETTE	61	5
			CONTRACT NO. 74963	
		ILLINOIS FED. AID PROJECT		

\* FAP 322, FAP 752

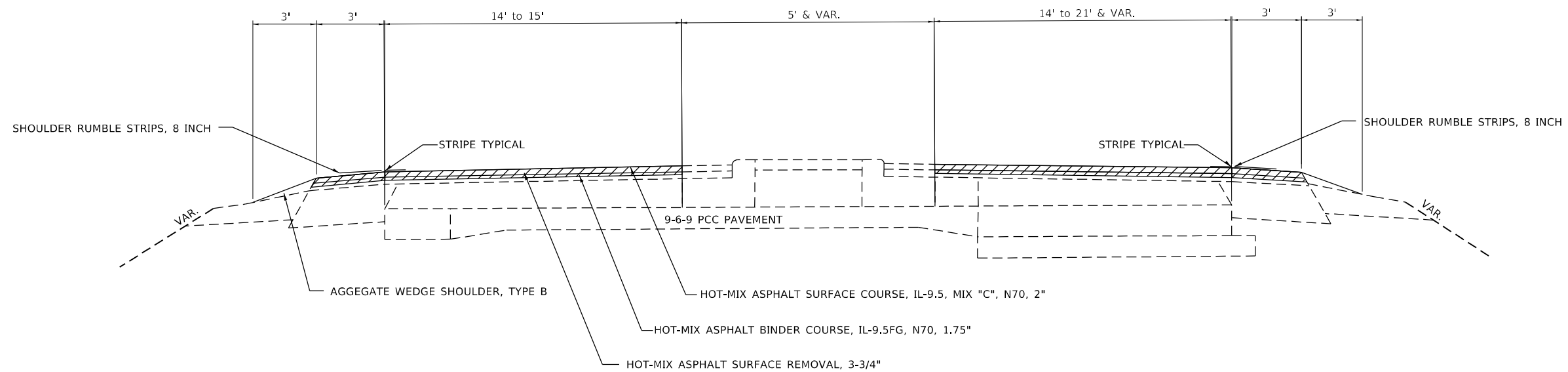




## EXISTING ROADWAY TYPICAL SECTION

STA. 2+37 to STA. 13+40.10  
US ROUTE 51

NOT TO SCALE



## PROPOSED ROADWAY TYPICAL SECTION

STA. 2+37 to STA. 13+40.10  
US ROUTE 51

NOT TO SCALE

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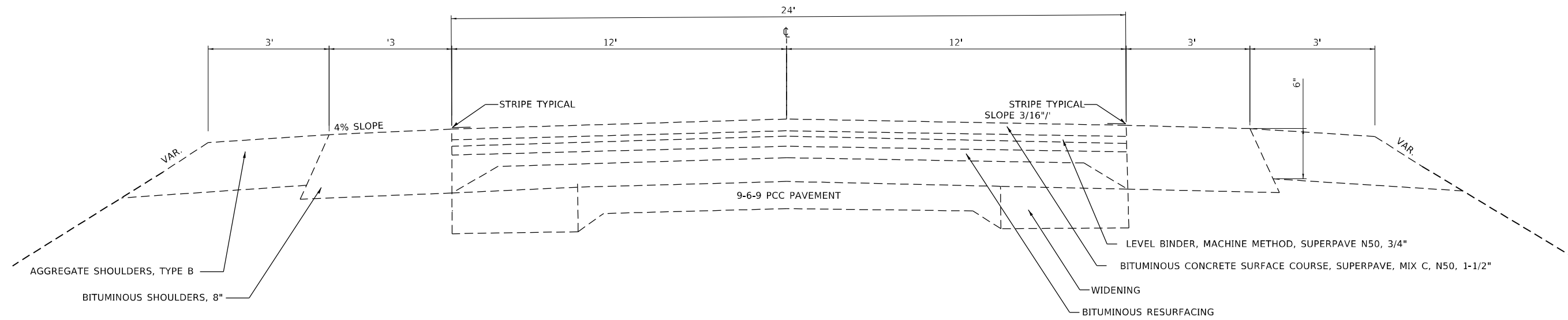
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS**

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

\* FAP 322, FAP 752



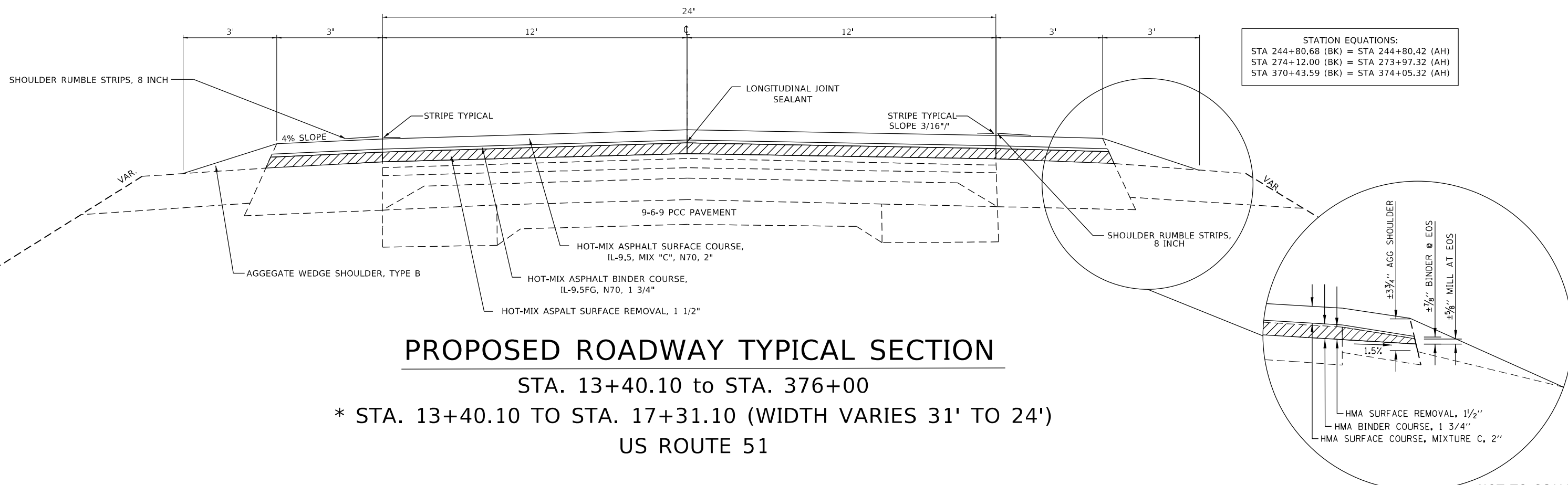
## EXISTING ROADWAY TYPICAL SECTION

STA. 13+40.10 to STA. 376+00

\* STA. 13+40.10 TO STA. 17+31.10 (WIDTH VARIES 31' TO 24')  
US ROUTE 51

STATION EQUATIONS:	
STA 244+80.68 (BK)	= STA 244+80.42 (AH)
STA 274+12.00 (BK)	= STA 273+97.32 (AH)
STA 370+43.59 (BK)	= STA 374+05.32 (AH)

NOT TO SCALE



## PROPOSED ROADWAY TYPICAL SECTION

STA. 13+40.10 to STA. 376+00

\* STA. 13+40.10 TO STA. 17+31.10 (WIDTH VARIES 31' TO 24')  
US ROUTE 51

STATION EQUATIONS:	
STA 244+80.68 (BK)	= STA 244+80.42 (AH)
STA 274+12.00 (BK)	= STA 273+97.32 (AH)
STA 370+43.59 (BK)	= STA 374+05.32 (AH)

NOT TO SCALE

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PLOT DATE = 1/6/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

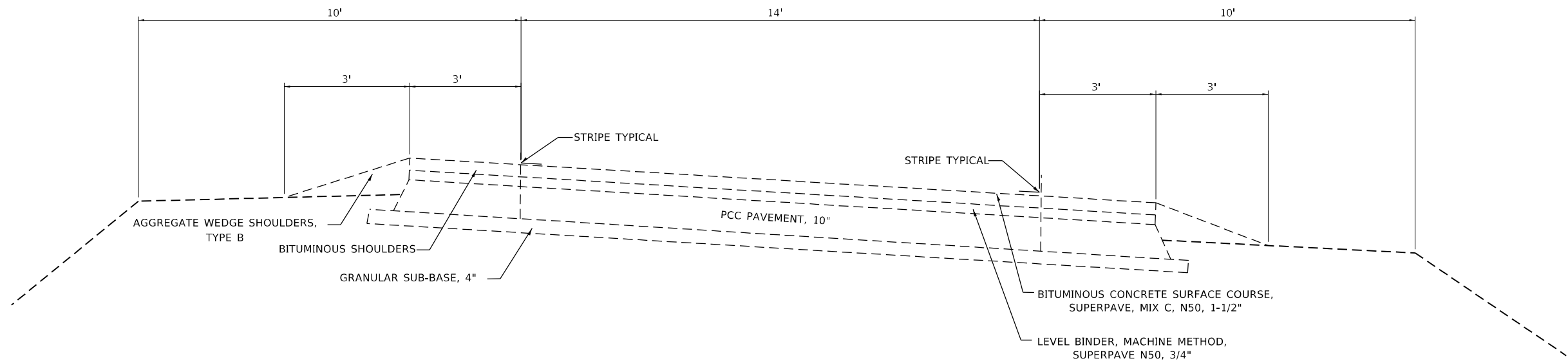
TYPICAL CROSS SECTIONS

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(23,24,24-2)RS-2	FAYETTE	61	8
CONTRACT NO. 74963				

ILLINOIS FED. AID PROJECT  
FAP 322, FAP 752

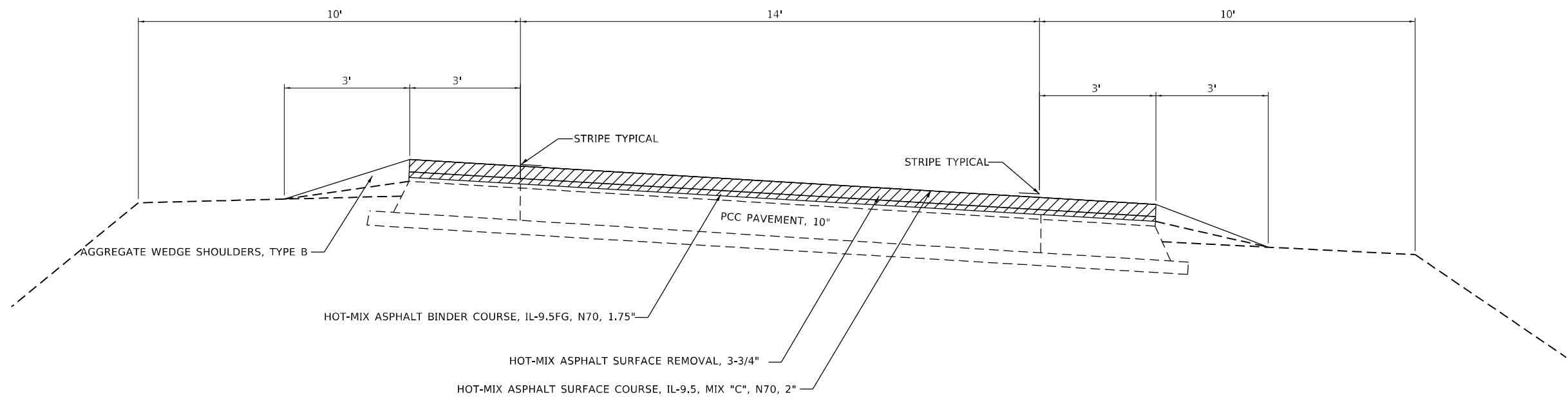




### EXISTING ROADWAY TYPICAL SECTION

RAMP STA. 35R+57 to STA. 45R+06  
US ROUTE 40 to US ROUTE 51 RAMP

NOT TO SCALE



### PROPOSED ROADWAY TYPICAL SECTION

RAMP STA. 35R+57 to STA. 45R+06  
US ROUTE 40 to US ROUTE 51 RAMP

NOT TO SCALE

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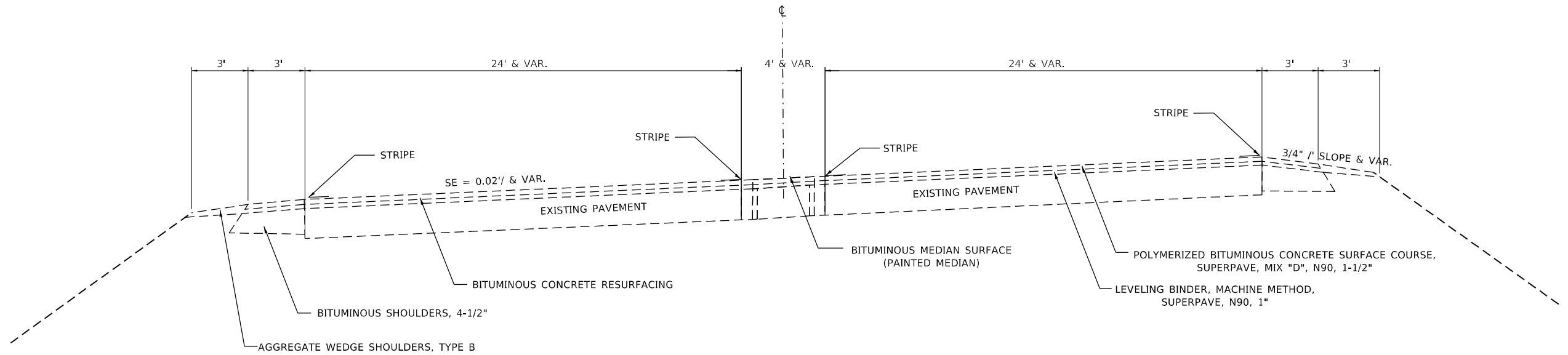
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS**

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	9
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

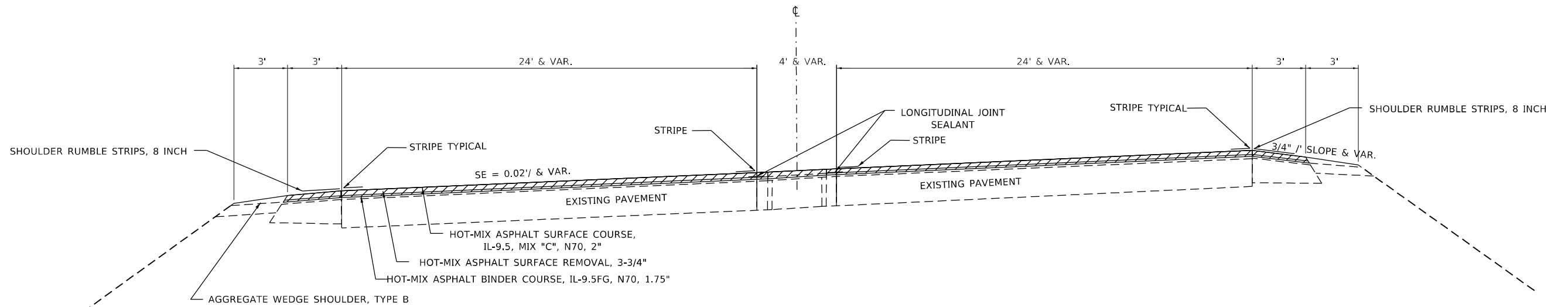
\* FAP 322, FAP 752



### EXISTING ROADWAY TYPICAL SECTION

STA. 135+57 TO STA. 142+06  
 US ROUTE 40/ILL ROUTE 185 (PAINTED MEDIAN)

NOT TO SCALE



### PROPOSED ROADWAY TYPICAL SECTION

STA. 135+57 TO STA. 142+06  
 US ROUTE 40/ILL ROUTE 185 (PAINTED MEDIAN)

NOT TO SCALE

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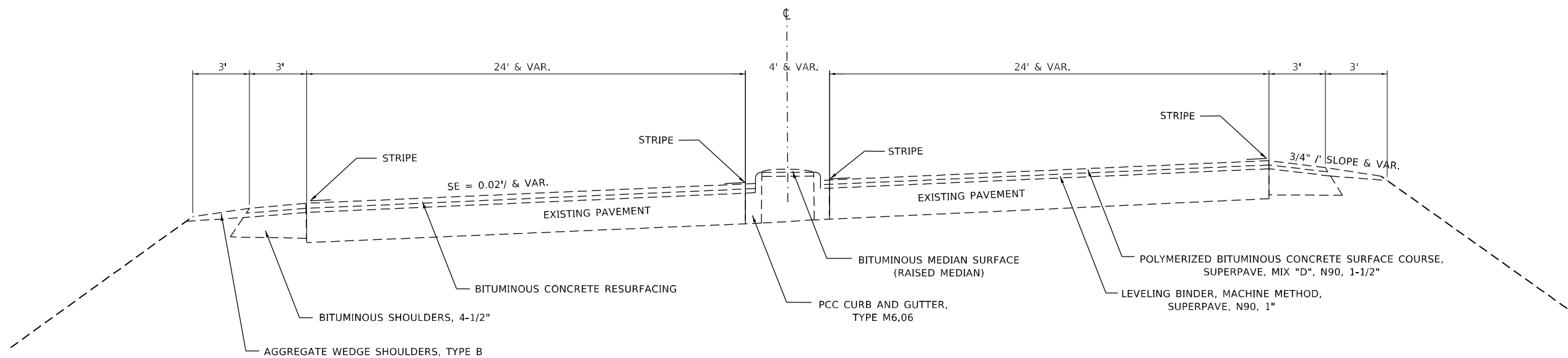
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS**

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(23,24,24-2)RS-2	FAYETTE	61	10
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

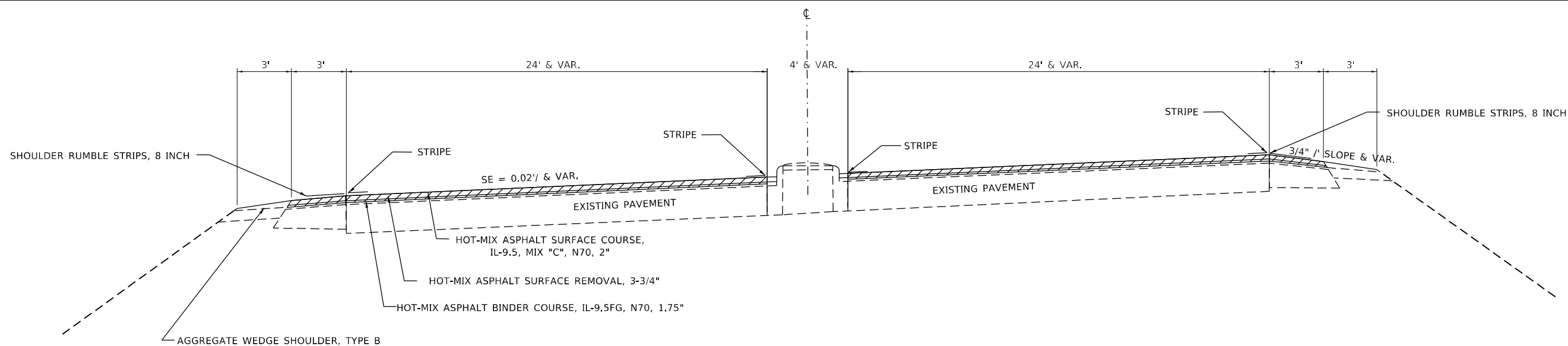
1 FAP 322, FAP 752



## EXISTING ROADWAY TYPICAL SECTION

STA. 143+14 TO STA. 149+32  
US ROUTE 40/ILL ROUTE 185 (RAISED MEDIAN)

NOT TO SCALE



## PROPOSED ROADWAY TYPICAL SECTION

STA. 143+14 TO STA. 149+32  
US ROUTE 40/ILL ROUTE 185 (RAISED MEDIAN)

NOT TO SCALE

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	DRAWN -	REVISED -
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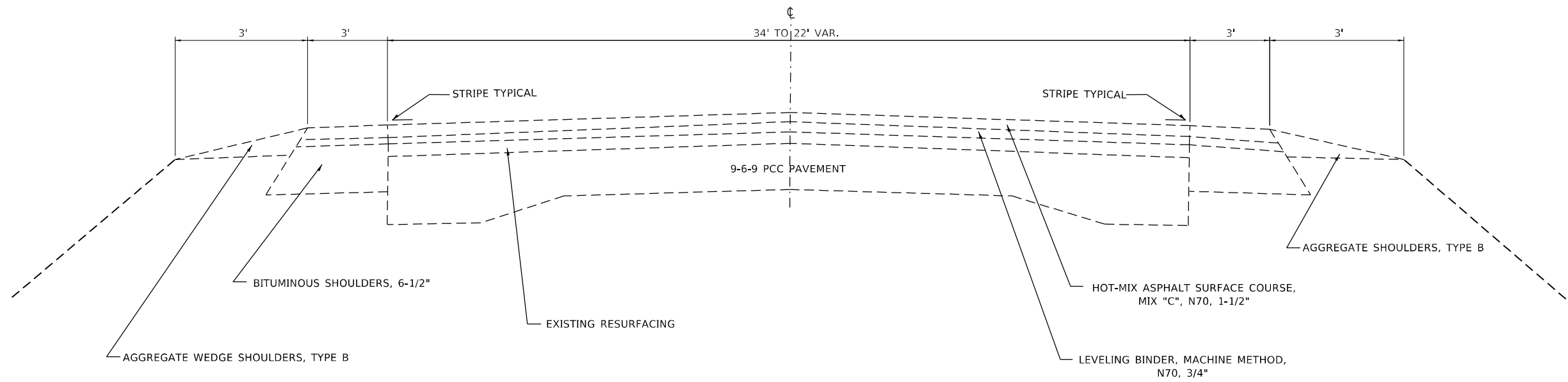
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS**

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	11
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

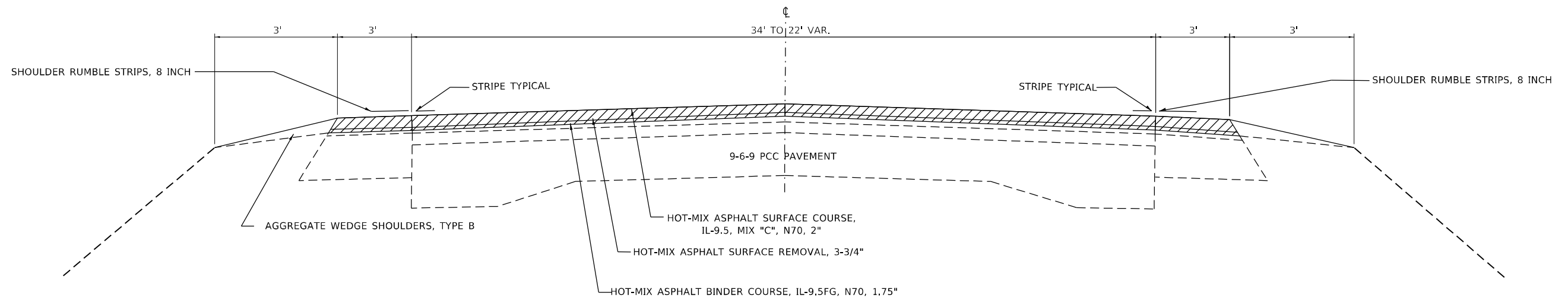
\* FAP 322, FAP 752



## EXISTING ROADWAY TYPICAL SECTION

STA. 149+32 TO STA. 149+80  
US ROUTE 40/ILL ROUTE 185

NOT TO SCALE



## PROPOSED ROADWAY TYPICAL SECTION

STA. 149+32 TO STA. 149+80  
US ROUTE 40/ILL ROUTE 185

NOT TO SCALE

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PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	12
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

\* FAP 322, FAP 752

CLASS D PAVEMENT PATCHING SCHEDULE							
Patch #	Location		Laid Out		Type 2 sy	Type 3 sy	Type 4 sy
	Lt./Rt.	Station	Length ft	Width ft			
1	NB	4+23	6.0	20.0	13.3		
2	NB	5+92	5.0	20.0	11.1		
3	NB	6+41	5.0	20.0	11.1		
4	NB	6+62	5.0	20.0	11.1		
5	NB	6+89	4.0	20.0	8.9		
6	NB	7+03	6.0	20.0	13.3		
7	NB	7+96	8.0	20.0		17.8	
8	NB	8+92	8.0	20.0		17.8	
9	NB	10+14	6.0	20.0	13.3		
10	NB	10+58	12.0	20.0			26.7
11	NB	12+33	6.0	20.0	13.3		
12	NB	12+59	6.0	20.0	13.3		
13	NB	15+25	4.0	15.0	6.7		
14	NB	15+47	4.0	15.0	6.7		
15	NB	17+33	4.0	15.0	6.7		
16	NB	19+33	4.0	15.0	6.7		
17	NB	19+48	4.0	15.0	6.7		
18	NB	19+73	6.0	15.0	10.0		
19	NB	21+23	6.0	15.0	10.0		
20	NB	22+40	10.0	15.0		16.7	
21	NB	22+67	5.0	15.0	8.3		
22	NB	23+05	4.0	15.0	6.7		
23	NB	23+27	4.0	15.0	6.7		
24	NB	28+82	4.0	15.0	6.7		
25	NB	28+93	4.0	15.0	6.7		
26	NB	33+75	6.0	15.0	10.0		
27	NB	37+23	4.0	15.0	6.7		
28	NB	37+93	4.0	15.0	6.7		
29	NB	39+86	4.0	15.0	6.7		
30	NB	40+90	4.0	15.0	6.7		
31	NB	43+22	5.0	15.0	8.3		
32	NB	46+90	4.0	15.0	6.7		
33	NB	47+30	4.0	15.0	6.7		
34	NB	55+46	4.0	15.0	6.7		
35	NB	66+97	6.0	15.0	10.0		
36	NB	86+22	4.0	15.0	6.7		
37	NB	88+10	4.0	15.0	6.7		
38	NB	91+55	6.0	15.0	10.0		
39	NB	91+80	4.0	15.0	6.7		
40	NB	95+05	4.0	15.0	6.7		
41	NB	107+40	4.0	15.0	6.7		
42	NB	107+63	4.0	15.0	6.7		
43	NB	111+98	4.0	15.0	6.7		
44	NB	120+16	6.0	15.0	10.0		
45	NB	120+45	4.0	15.0	6.7		
46	NB	125+73	4.0	15.0	6.7		
47	NB	131+06	4.0	15.0	6.7		
48	NB	135+10	4.0	15.0	6.7		
49	NB	137+70	4.0	15.0	6.7		
50	NB	139+98	4.0	15.0	6.7		
51	NB	140+25	4.0	15.0	6.7		
52	NB	140+60	4.0	15.0	6.7		
53	NB	140+92	4.0	15.0	6.7		
54	NB	143+90	6.0	15.0	10.0		
55	NB	146+91	4.0	15.0	6.7		
56	NB	148+48	4.0	15.0	6.7		
57	NB	148+75	4.0	15.0	6.7		
58	NB	149+02	4.0	15.0	6.7		
59	NB	151+20	4.0	15.0	6.7		
60	NB	151+45	4.0	15.0	6.7		
61	NB	151+69	4.0	15.0	6.7		
62	NB	152+05	4.0	15.0	6.7		
63	NB	152+65	4.0	15.0	6.7		
64	NB	152+90	4.0	15.0	6.7		
65	NB	153+20	4.0	15.0	6.7		
66	NB	153+76	4.0	15.0	6.7		
67	NB	154+10	4.0	15.0	6.7		
68	NB	154+40	4.0	15.0	6.7		
69	NB	155+25	4.0	15.0	6.7		
70	NB	155+80	4.0	15.0	6.7		

CLASS D PAVEMENT PATCHING SCHEDULE							
Patch #	Location		Laid Out		Type 2 sy	Type 3 sy	Type 4 sy
	Lt./Rt.	Station	Length ft	Width ft			
71	NB	156+70	4.0	15.0	6.7		
72	NB	157+35	4.0	15.0	6.7		
73	NB	157+60	4.0	15.0	6.7		
74	NB	158+15	4.0	15.0	6.7		
75	NB	158+75	7.0	15.0	11.7		
76	NB	159+30	4.0	15.0	6.7		
77	NB	159+65	4.0	15.0	6.7		
78	NB	159+90	4.0	15.0	6.7		
79	NB	160+20	4.0	15.0	6.7		
80	NB	160+50	4.0	15.0	6.7		
81	NB	160+75	4.0	15.0	6.7		
82	NB	161+40	4.0	15.0	6.7		
83	NB	161+72	4.0	15.0	6.7		
84	NB	162+00	4.0	15.0	6.7		
85	NB	162+78	5.0	15.0	8.3		
86	NB	165+50	4.0	15.0	6.7		
87	NB	167+65	4.0	15.0	6.7		
88	NB	167+95	4.0	15.0	6.7		
89	NB	168+25	4.0	15.0	6.7		
90	NB	168+55	4.0	15.0	6.7		
91	NB	168+82	4.0	15.0	6.7		
92	NB	169+40	4.0	15.0	6.7		
93	NB	170+00	4.0	15.0	6.7		
94	NB	170+60	4.0	15.0	6.7		
95	NB	170+85	4.0	15.0	6.7		
96	NB	171+20	4.0	15.0	6.7		
97	NB	173+50	4.0	15.0	6.7		
98	NB	174+35	4.0	15.0	6.7		
99	NB	174+85	4.0	15.0	6.7		
100	NB	175+10	4.0	15.0	6.7		
101	NB	175+35	4.0	15.0	6.7		
102	NB	175+60	4.0	15.0	6.7		
103	NB	175+95	4.0	15.0	6.7		
104	NB	176+25	4.0	15.0	6.7		
105	NB	176+80	4.0	15.0	6.7		
106	NB	177+10	4.0	15.0	6.7		
107	NB	177+35	4.0	15.0	6.7		
108	NB	177+95	4.0	15.0	6.7		
109	NB	179+15	4.0	15.0	6.7		
110	NB	179+50	4.0	15.0	6.7		
111	NB	181+60	4.0	15.0	6.7		
112	NB	182+60	4.0	15.0	6.7		
113	NB	183+20	4.0	15.0	6.7		
114	NB	184+70	4.0	15.0	6.7		
115	NB	185+00	4.0	15.0	6.7		
116	NB	185+30	4.0	15.0	6.7		
117	NB	185+65	4.0	15.0	6.7		
118	NB	187+05	4.0	15.0	6.7		
119	NB	187+36	4.0	15.0	6.7		
120	NB	189+80	4.0	15.0	6.7		
121	NB	190+40	4.0	15.0	6.7		
122	NB	193+40	4.0	15.0	6.7		
123	NB	194+00	4.0	15.0	6.7		
124	NB	194+35	4.0	15.0	6.7		
125	NB	194+70	4.0	15.0	6.7		
126	NB	195+30	4.0	15.0	6.7		
127	NB	197+90	4.0	15.0	6.7		
128	NB	198+30	4.0	15.0	6.7		
129	NB	198+90	4.0	15.0	6.7		
130	NB	199+25	4.0	15.0	6.7		
131	NB	200+00	4.0	15.0	6.7		
132	NB	200+60	4.0	15.0	6.7		
133	NB	202+05	4.0	15.0	6.7		
134	NB	202+40	6.0	15.0	10.0		
135	NB	202+67	4.0	15.0	6.7		
136	NB	202+95	4.0	15.0	6.7		
137	NB	203+25	4.0	15.0	6.7		
138	NB	203+55	4.0	15.0	6.7		
139	NB	205+98	4.0	15.0	6.7		
140	NB	207+05	4.0	15.0	6.7		

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PATCHING SCHEDULE  
SHEET 1 OF 4**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74963	

REV. - MS

\* FAP 322, FAP 752

CLASS D PAVEMENT PATCHING SCHEDULE							
Patch #	Location		Laid Out		Type 2 sy	Type 3 sy	Type 4 sy
	Lt./Rt.	Station	Length ft	Width ft			
141	NB	211+80	4.0	15.0	6.7		
142	NB	212+55	4.0	15.0	6.7		
143	NB	213+20	4.0	15.0	6.7		
144	NB	216+00	4.0	15.0	6.7		
145	NB	217+50	4.0	15.0	6.7		
146	NB	217+90	4.0	15.0	6.7		
147	NB	219+80	5.0	15.0	8.3		
148	NB	235+75	4.0	15.0	6.7		
149	NB	236+20	4.0	15.0	6.7		
150	NB	237+60	6.0	15.0	10.0		
151	NB	238+58	10.0	15.0		16.7	
152	NB	239+35	6.0	15.0	10.0		
153	NB	240+10	4.0	15.0	6.7		
154	NB	243+00	4.0	15.0	6.7		
155	NB	243+25	4.0	15.0	6.7		
156	NB	244+00	4.0	15.0	6.7		
157	NB	245+40	4.0	15.0	6.7		
158	NB	248+20	5.0	15.0	8.3		
159	NB	253+70	4.0	15.0	6.7		
160	NB	264+75	4.0	15.0	6.7		
161	NB	268+35	4.0	15.0	6.7		
162	NB	273+60	4.0	15.0	6.7		
163	NB	277+20	4.0	15.0	6.7		
164	NB	279+12	6.0	15.0	10.0		
165	NB	279+65	4.0	15.0	6.7		
166	NB	279+80	4.0	15.0	6.7		
167	NB	280+20	4.0	15.0	6.7		
168	NB	280+75	4.0	15.0	6.7		
169	NB	281+40	4.0	15.0	6.7		
170	NB	282+35	4.0	15.0	6.7		
171	NB	282+55	4.0	15.0	6.7		
172	NB	283+72	4.0	15.0	6.7		
173	NB	284+35	4.0	15.0	6.7		
174	NB	285+05	4.0	15.0	6.7		
175	NB	285+82	4.0	15.0	6.7		
176	NB	286+06	4.0	15.0	6.7		
177	NB	286+25	4.0	15.0	6.7		
178	NB	287+62	4.0	15.0	6.7		
179	NB	288+05	4.0	15.0	6.7		
180	NB	296+50	4.0	15.0	6.7		
181	NB	298+00	4.0	15.0	6.7		
182	NB	298+50	5.0	15.0	8.3		
183	NB	299+00	4.0	15.0	6.7		
184	NB	299+20	4.0	15.0	6.7		
185	NB	299+60	4.0	15.0	6.7		
186	NB	300+05	4.0	15.0	6.7		
187	NB	300+50	4.0	15.0	6.7		
188	NB	300+70	4.0	15.0	6.7		
189	NB	301+60	4.0	15.0	6.7		
190	NB	301+85	4.0	15.0	6.7		
191	NB	302+60	4.0	15.0	6.7		
192	NB	303+10	4.0	15.0	6.7		
193	NB	303+50	4.0	15.0	6.7		
194	NB	308+25	4.0	15.0	6.7		
195	NB	308+70	4.0	15.0	6.7		
196	NB	308+90	4.0	15.0	6.7		
197	NB	310+00	4.0	15.0	6.7		
198	NB	310+20	4.0	15.0	6.7		
199	NB	311+05	4.0	15.0	6.7		
200	NB	314+50	4.0	15.0	6.7		
201	NB	317+80	4.0	15.0	6.7		
202	NB	318+50	4.0	15.0	6.7		
203	NB	211+81	4.0	15.0	6.7		
204	NB	212+56	7.0	15.0	11.7		
205	NB	213+21	4.0	15.0	6.7		
206	NB	216+01	6.0	15.0	10.0		
207	NB	217+130	4.0	15.0	6.7		
208	NB	217+170	4.0	15.0	6.7		
209	NB	219+81	4.0	15.0	6.7		
210	NB	235+76	4.0	15.0	6.7		

CLASS D PAVEMENT PATCHING SCHEDULE							
Patch #	Location		Laid Out		Type 2 sy	Type 3 sy	Type 4 sy
	Lt./Rt.	Station	Length ft	Width ft			
211	NB	326+05	4.0	15.0	6.7		
212	NB	326+85	4.0	15.0	6.7		
213	NB	330+00	4.0	15.0	6.7		
214	NB	331+00	4.0	15.0	6.7		
215	NB	331+65	4.0	15.0	6.7		
216	NB	333+30	4.0	15.0	6.7		
217	NB	335+55	20.0	15.0			33.3
218	NB	337+60	4.0	15.0	6.7		
219	NB	343+25	4.0	15.0	6.7		
220	NB	343+45	4.0	15.0	6.7		
221	NB	344+30	4.0	15.0	6.7		
222	NB	352+70	5.0	15.0	8.3		
223	NB	354+00	6.0	15.0	10.0		
224	NB	354+70	4.0	15.0	6.7		
225	NB	355+00	6.0	15.0	10.0		
226	NB	355+22	5.0	15.0	8.3		
227	NB	363+85	6.0	15.0	10.0		
228	NB	365+68	4.0	15.0	6.7		
229	NB	366+25	6.0	15.0	10.0		
230	NB	366+92	5.0	15.0	8.3		
231	NB	367+05	4.0	15.0	6.7		
232	NB	367+57	4.0	15.0	6.7		
233	NB	375+00	4.0	15.0	6.7		
					1646.5	69.0	60.0

CLASS D PAVEMENT PATCHING SCHEDULE							
Patch #	Location		Laid Out		Type 2 sy	Type 3 sy	Type 4 sy
	Lt./Rt.	Station	Length ft	Width ft			
234	SB	3+80	4.0	20.0	8.9		
235	SB	5+17	5.0	20.0	11.1		
236	SB	5+52	6.0	20.0	13.3		
237	SB	6+80	6.0	20.0	13.3		
238	SB	7+03	6.0	20.0	13.3		
239	SB	7+40	6.0	20.0	13.3		
240	SB	7+96	6.0	18.0	12.0		
241	SB	8+92	6.0	18.0	12.0		
242	SB	11+37	4.0	24.0	10.7		
243	SB	12+59	4.0	20.0	8.9		
244	SB	17+33	4.0	15.0	6.7		
245	SB	19+12	4.0	15.0	6.7		
246	SB	19+27	4.0	15.0	6.7		
247	SB	21+23	4.0	15.0	6.7		
248	SB	22+40	10.0	15.0		16.7	
249	SB	22+67	5.0	15.0	8.3		
250	SB	23+05	4.0	15.0	6.7		
251	SB	23+27	4.0	15.0	6.7		
252	SB	28+60	4.0	15.0	6.7		
253	SB	28+93	4.0	15.0	6.7		
254	SB	29+58	4.0	15.0	6.7		
255	SB	39+86	4.0	15.0	6.7		
256	SB	46+90	4.0	15.0	6.7		
257	SB	55+46	4.0	15.0	6.7		
258	SB	66+97	6.0	15.0	10.0		
259	SB	67+24	4.0	15.0	6.7		
260	SB	72+34	4.0	15.0	6.7		
261	SB	79+60	6.0	15.0	10.0		
262	SB	86+22	4.0	15.0	6.7		
263	SB	88+10	4.0	15.0	6.7		
264	SB	91+24	6.0	15.0	10.0		
265	SB	95+05	4.0	15.0	6.7		
266	SB	107+40	4.0	15.0	6.7		
267	SB	107+63	4.0	15.0	6.7		
268	SB	108+35	4.0	15.0	6.7		
269	SB	111+98	4.0	15.0	6.7		
270	SB	125+73	4.0	15.0	6.7		
271	SB	127+80	4.0	15.0	6.7		
272	SB	131+06	4.0	15.0	6.7		
273	SB	135+10	4.0	15.0	6.7		

MODEL: Default  
FILE NAME: P:\Public\sw Bentley.com\PROJECTS\Documents\DOT\_Offices\District 7\Projects\174963\CADD\data\CAD\sheet074963-sh-schedule.dgn

USER NAME = steffennk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PATCHING SCHEDULE</b>			
<b>SHEET 2 OF 4</b>			
SCALE:	SHEET 2	OF 11 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)R5-2	FAYETTE	61	14
CONTRACT NO. 74963			ILLINOIS FED. AID PROJECT	

REV. - MS

\* FAP 322, FAP 752

CLASS D PAVEMENT PATCHING SCHEDULE							
Patch #	Location		Laid Out		Type 2 sy	Type 3 sy	Type 4 sy
	Lt./Rt.	Station	Length ft	Width ft			
274	SB	137+70	4.0	15.0	6.7		
275	SB	139+98	4.0	15.0	6.7		
276	SB	140+25	4.0	15.0	6.7		
277	SB	140+60	4.0	15.0	6.7		
278	SB	140+92	4.0	15.0	6.7		
279	SB	146+91	4.0	15.0	6.7		
280	SB	148+48	4.0	15.0	6.7		
281	SB	148+75	4.0	15.0	6.7		
282	SB	149+02	4.0	15.0	6.7		
283	SB	149+72	6.0	15.0	10.0		
284	SB	149+95	4.0	15.0	6.7		
285	SB	150+22	6.0	15.0	10.0		
286	SB	151+20	4.0	15.0	6.7		
287	SB	151+45	4.0	15.0	6.7		
288	SB	151+69	4.0	15.0	6.7		
289	SB	152+05	4.0	15.0	6.7		
290	SB	152+30	8.0	15.0	13.3		
291	SB	152+65	4.0	15.0	6.7		
292	SB	152+90	4.0	15.0	6.7		
293	SB	153+20	4.0	15.0	6.7		
294	SB	153+76	4.0	15.0	6.7		
295	SB	154+10	4.0	15.0	6.7		
296	SB	154+40	4.0	15.0	6.7		
297	SB	154+80	4.0	15.0	6.7		
298	SB	155+25	4.0	15.0	6.7		
299	SB	155+80	4.0	15.0	6.7		
300	SB	156+10	4.0	15.0	6.7		
301	SB	156+70	4.0	15.0	6.7		
302	SB	157+00	4.0	15.0	6.7		
303	SB	157+35	4.0	15.0	6.7		
304	SB	157+60	4.0	15.0	6.7		
305	SB	158+00	4.0	15.0	6.7		
306	SB	158+15	4.0	15.0	6.7		
307	SB	158+40	4.0	15.0	6.7		
308	SB	158+75	7.0	15.0	11.7		
309	SB	159+30	4.0	15.0	6.7		
310	SB	159+65	4.0	15.0	6.7		
311	SB	159+90	4.0	15.0	6.7		
312	SB	160+20	4.0	15.0	6.7		
313	SB	160+50	4.0	15.0	6.7		
314	SB	160+75	4.0	15.0	6.7		
315	SB	161+10	4.0	15.0	6.7		
316	SB	161+40	4.0	15.0	6.7		
317	SB	161+72	4.0	15.0	6.7		
318	SB	162+00	4.0	15.0	6.7		
319	SB	162+78	5.0	15.0	8.3		
320	SB	165+50	4.0	15.0	6.7		
321	SB	167+65	4.0	15.0	6.7		
322	SB	167+95	4.0	15.0	6.7		
323	SB	168+25	4.0	15.0	6.7		
324	SB	168+55	4.0	15.0	6.7		
325	SB	168+82	4.0	15.0	6.7		
326	SB	170+00	4.0	15.0	6.7		
327	SB	170+60	4.0	15.0	6.7		
328	SB	170+85	4.0	15.0	6.7		
329	SB	171+20	4.0	15.0	6.7		
330	SB	171+80	4.0	15.0	6.7		
331	SB	173+50	4.0	15.0	6.7		
332	SB	174+35	4.0	15.0	6.7		
333	SB	174+85	4.0	15.0	6.7		
334	SB	175+10	4.0	15.0	6.7		
335	SB	175+35	4.0	15.0	6.7		
336	SB	175+60	4.0	15.0	6.7		
337	SB	175+95	4.0	15.0	6.7		
338	SB	176+25	4.0	15.0	6.7		
339	SB	176+50	4.0	15.0	6.7		
340	SB	176+80	4.0	15.0	6.7		
341	SB	177+10	4.0	15.0	6.7		
342	SB	177+35	4.0	15.0	6.7		
343	SB	177+60	4.0	15.0	6.7		

CLASS D PAVEMENT PATCHING SCHEDULE							
Patch #	Location		Laid Out		Type 2 sy	Type 3 sy	Type 4 sy
	Lt./Rt.	Station	Length ft	Width ft			
344	SB	177+95	4.0	15.0	6.7		
345	SB	178+30	4.0	15.0	6.7		
346	SB	179+15	4.0	15.0	6.7		
347	SB	179+50	4.0	15.0	6.7		
348	SB	181+60	4.0	15.0	6.7		
349	SB	182+60	4.0	15.0	6.7		
350	SB	182+90	4.0	15.0	6.7		
351	SB	183+20	4.0	15.0	6.7		
352	SB	183+82	4.0	15.0	6.7		
353	SB	184+70	4.0	15.0	6.7		
354	SB	185+10	4.0	15.0	6.7		
355	SB	185+30	4.0	15.0	6.7		
356	SB	185+65	4.0	15.0	6.7		
357	SB	185+85	4.0	15.0	6.7		
358	SB	186+30	4.0	15.0	6.7		
359	SB	187+05	4.0	15.0	6.7		
360	SB	187+65	4.0	15.0	6.7		
361	SB	188+20	4.0	15.0	6.7		
362	SB	188+65	4.0	15.0	6.7		
363	SB	188+86	4.0	15.0	6.7		
364	SB	189+20	4.0	15.0	6.7		
365	SB	189+80	4.0	15.0	6.7		
366	SB	190+40	4.0	15.0	6.7		
367	SB	193+40	4.0	15.0	6.7		
368	SB	194+00	4.0	15.0	6.7		
369	SB	194+35	4.0	15.0	6.7		
370	SB	194+70	4.0	15.0	6.7		
371	SB	195+30	4.0	15.0	6.7		
372	SB	197+90	4.0	15.0	6.7		
373	SB	198+30	4.0	15.0	6.7		
374	SB	198+90	4.0	15.0	6.7		
375	SB	199+25	4.0	15.0	6.7		
376	SB	200+00	4.0	15.0	6.7		
377	SB	200+60	4.0	15.0	6.7		
378	SB	201+75	4.0	15.0	6.7		
379	SB	202+05	4.0	15.0	6.7		
380	SB	202+40	4.0	15.0	6.7		
381	SB	202+67	4.0	15.0	6.7		
382	SB	202+95	4.0	15.0	6.7		
383	SB	203+55	4.0	15.0	6.7		
384	SB	203+80	10.0	15.0		16.7	
385	SB	204+65	4.0	15.0	6.7		
386	SB	205+98	4.0	15.0	6.7		
387	SB	207+05	4.0	15.0	6.7		
388	SB	208+65	4.0	15.0	6.7		
389	SB	211+80	4.0	15.0	6.7		
390	SB	212+55	4.0	15.0	6.7		
391	SB	213+20	4.0	15.0	6.7		
392	SB	217+50	4.0	15.0	6.7		
393	SB	217+90	4.0	15.0	6.7		
394	SB	219+80	5.0	15.0	8.3		
395	SB	221+00	4.0	15.0	6.7		
396	SB	235+75	4.0	15.0	6.7		
397	SB	236+20	4.0	15.0	6.7		
398	SB	237+60	6.0	15.0	10.0		
399	SB	238+58	10.0	15.0		16.7	
400	SB	239+35	6.0	15.0	10.0		
401	SB	240+10	4.0	15.0	6.7		
402	SB	241+85	4.0	15.0	6.7		
403	SB	243+00	4.0	15.0	6.7		
404	SB	243+35	4.0	15.0	6.7		
405	SB	243+85	4.0	15.0	6.7		
406	SB	244+00	4.0	15.0	6.7		
407	SB	244+15	4.0	15.0	6.7		
408	SB	244+45	4.0	15.0	6.7		
409	SB	245+40	4.0	15.0	6.7		
410	SB	248+20	5.0	15.0	8.3		
411	SB	251+75	4.0	15.0	6.7		
412	SB	253+70	4.0	15.0	6.7		
413	SB	254+00	4.0	15.0	6.7		

MODEL: Default  
 FILE: M:\GIS\Projects\GIS\Projects\DOT\_Offices\District\_7\Project\374963\CADD\DOT\CADD\DOT\374963-sh-schedule.dgn

USER NAME = stefenmk	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/6/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PATCHING SCHEDULE</b>			
<b>SHEET 3 OF 4</b>			
SCALE:	SHEET 3	OF 11 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74963	

REV. - MS

\* FAP 322, FAP 752





ENTRANCE SCHEDULE								
STATIONING	SIDE	STATION	TYPE	MATERIAL	40200800	40800050	X0326440	X4060995
					AGGREGATE SURFACE COURSE, TYPE B	INCIDENTAL HMA SURFACE	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	TEMPORARY RAMP, SPECIAL
US 40/ ILL 185								
TON	TON	SQ YD	SQ YD					
LT	142+62.78	CE	HMA	0.00	9.12	76.61	24.89	
US 51								
RT	16+25.00	FE	AGG	1.51	0.00	13.22	0.00	
LT	22+60.00	FE	AGG	2.66	0.00	23.33	0.00	
LT	33+54.00	FE	AGG	2.66	0.00	23.33	0.00	
LT	48+74.00	FE	AGG	2.79	0.00	24.50	0.00	
RT	48+78.00	FE	AGG	4.12	0.00	36.17	0.00	
LT	75+33.00	FE	AGG	3.88	0.00	34.03	0.00	
RT	75+59.00	FE	AGG	3.10	0.00	27.22	0.00	
LT	97+00.00	FE	HMA	0.00	5.35	44.92	0.00	
RT	115+15.00	PRA	HMA	0.00	14.74	123.89	13.78	
LT	115+22.00	FE	HMA	0.00	2.80	23.53	0.00	
LT	128+45.00	PRA	HMA	0.00	14.61	122.78	14.67	
RT	128+45.00	FE	AGG	3.32	0.00	29.17	0.00	
RT	139+75.00	FE	AGG	3.81	0.00	33.44	0.00	
LT	140+18.00	FE	AGG	2.13	0.00	18.67	0.00	
LT	154+76.00	FE	AGG	3.70	0.00	32.47	0.00	
LT	161+20.00	FE	AGG	3.70	0.00	32.47	0.00	
RT	165+63.00	FE	HMA	0.00	4.14	34.81	0.00	
LT	165+75.00	FE	AGG	3.63	0.00	31.89	0.00	
LT	168+55.00	FE	AGG	3.72	0.00	32.67	0.00	
RT	181+43.00	FE	AGG	3.63	0.00	31.89	0.00	
LT	181+44.00	FE	AGG	3.63	0.00	31.89	0.00	
LT	203+15.00	CE	HMA	0.00	6.02	50.56	18.22	
LT	206+05.00	CE/PE	HMA	0.00	5.30	44.53	16.11	
LT	206+56.00	PE	HMA	0.00	1.90	15.94	5.78	
LT	208+27.00	PRA	HMA	0.00	13.88	116.64	16.22	
LT	212+74.00	PE	HMA	0.00	2.94	24.69	8.56	
LT	213+64.00	MBT	HMA	0.00	2.13	17.89	0.00	
LT	213+91.00	PE	HMA	0.00	3.82	32.08	11.11	
RT	216+36.00	PE	AGG	1.99	0.00	17.50	5.56	
LT	216+66.00	PE	HMA	0.00	4.95	41.61	13.78	
RT	216+85.00	PE	AGG	1.90	0.00	16.72	5.56	
LT	216+96.00	MBT	HMA	0.00	1.30	10.89	0.00	
LT	218+83.00	PE	HMA	0.00	3.42	28.78	9.78	
LT	218+90.00	MBT	AGG	1.55	0.00	13.61	0.00	

ENTRANCE SCHEDULE								
STATIONING	SIDE	STATION	TYPE	MATERIAL	40200800	40800050	X0326440	X4060995
					AGGREGATE SURFACE COURSE, TYPE B	INCIDENTAL HMA SURFACE	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	TEMPORARY RAMP, SPECIAL
TON	TON	SQ YD	SQ YD					
LT	221+50.00	FE	HMA	0.00	2.55	21.39	0.00	
RT	224+29.00	PE	HMA	0.00	2.85	23.92	8.78	
RT	225+70.00	PRA	HMA	0.00	6.18	51.94	11.56	
LT	226+03.00	MBT	HMA	0.00	1.85	15.56	0.00	
LT	226+27.00	PE	HMA	0.00	3.05	25.67	8.67	
RT	231+35.00	FE	HMA	0.00	2.13	17.89	0.00	
LT	232+67.00	FE	AGG	2.97	0.00	26.06	0.00	
RT	239+60.00	FE	AGG	2.08	0.00	18.28	0.00	
LT	247+90.00	PRA	HMA	0.00	10.23	85.94	12.44	
RT	247+90.00	PRA	HMA	0.00	11.18	93.97	12.78	
LT	252+90.00	FE	AGG	2.35	0.00	20.61	0.00	
RT	254+20.00	PE	HMA	0.00	3.36	28.19	10.00	
LT	255+03.00	MBT	AGG	4.92	0.00	43.17	0.00	
RT	259+97.00	FE	AGG	2.88	0.00	25.28	0.00	
RT	261+53.00	FE	AGG	1.95	0.00	17.11	0.00	
RT	266+09.00	PE	HMA	0.00	3.24	27.22	9.89	
LT	266+18.00	MBT	AGG	2.69	0.00	23.61	0.00	
RT	270+63.00	PE	AGG	2.48	0.00	21.78	6.67	
RT	272+65.00	PE	AGG	3.37	0.00	29.56	11.33	
LT	273+73.00	FE	AGG	2.46	0.00	21.58	0.00	
RT	274+39.00	PRA	HMA	0.00	15.47	130.00	15.11	
LT	278+31.00	MBT	AGG	2.57	0.00	22.56	0.00	
LT	278+67.00	PE	HMA	0.00	2.89	24.31	9.44	
LT	287+69.00	PRA	HMA	0.00	15.14	127.22	14.00	
RT	287+98.00	PRA	HMA	0.00	37.29	313.33	26.67	
LT	299+88.00	FE	AGG	2.66	0.00	23.33	0.00	
RT	299+88.00	FE	AGG	2.66	0.00	23.33	0.00	
LT	307+90.00	FE	AGG	2.97	0.00	26.06	0.00	
RT	307+98.00	FE	AGG	2.08	0.00	18.28	0.00	
LT	324+28.00	FE	AGG	2.66	0.00	23.33	0.00	
RT	327+50.00	PE	AGG	4.65	0.00	40.83	12.22	
LT	327+50.00	FE	AGG	3.76	0.00	33.06	0.00	
LT	340+51.00	PRA	HMA	0.00	16.20	136.11	15.67	
RT	340+52.00	PRA	HMA	0.00	13.42	112.78	13.67	
RT	358+25.00	PRA	HMA	0.00	35.11	295.00	23.33	
LT	374+10.00	PE	HMA	0.00	4.10	34.42	11.89	
SUBTOTAL				109.56	282.63	3337.00	398.11	
TOTAL				110	283	3337	399	

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USER NAME = stefenmk	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE SCHEDULE**

SCALE: SHEET 4 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	17
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

### LONGITUDINAL JOINT SEALANT SCHEDULE

ROUTE	STATIONING		LOCATION	LENGTH	40600370 LONGITUDINAL JOINT SEALANT
	FROM	TO		FEET	FEET
US 40/ILL185	135+57.00	142+87.00	PAINTED MEDIAN - EAST BOUND	730.00	730.00
	135+57.00	142+87.00	PAINTED MEDIAN - WEST BOUND	730.00	730.00
	135+57.00	146+92.00	BETWEEN DRIVING LANE AND PASSING LANE - WEST BOUND/TURN LANE WEST BOUND	1135.00	1135.00
	149+32.00	149+80.00	2 LANE ROAD WAY - END OF PROJECT ROUTE	48.00	48.00
	135+57.00	138+57.00	BETWEEN OFF RAMP AND THROUGH DRIVING LANE - EAST BOUND	300.00	300.00
	141+77.00	143+47.00	RH EDGE LINE AT INTERSECTION OF US 51 - EAST BOUND	170.00	170.00
	US 40 RAMP/US 51 RAMP	36+22.00	38+17.00	BETWEEN OFF RAMP GORE AREA AND OFF RAMP - SOUTH BOUND	195.00
2+73.00		3+50.00	BETWEEN LH TURN AND RH TURN LANE	77.00	77.00
US 51	7+11.00	11+33.00	FROM LOWER RAMP GORE AREA TO RAMP TAPER END - SOUTH BOUND	422.00	422.00
	13+43.00	86+68.00	MAINLINE	7325.00	7325.00
	86+68.00	88+04.00	BRIDGE OMISSION		
	88+04.00	135+24.70	MAINLINE	4720.70	4720.70
	135+24.70	137+45.50	BRIDGE OMISSION		
	137+45.50	196+08.70	MAINLINE	5863.20	5863.20
	196+08.70	197+45.30	BRIDGE OMISSION		
	197+45.30	228+02.00	MAINLINE	3056.70	3056.70
	228+02.00	229+32.00	BRIDGE OMISSION		
	229+32.00	244+80.69	MAINLINE	1548.69	1548.69
	244+80.69	244+80.42	STATION EQUATION: STA 244+80.69 BK = STA 244+80.42 AH		
	244+80.42	274+12.10	MAINLINE	2931.68	2931.68
	274+12.10	274+00.00	STATION EQUATION: STA 274+12.10 BK = STA 274+00.00 AH		
	274+00.00	370+44.82	MAINLINE	9644.82	9644.82
	370+44.82	374+05.69	STATION EQUATION: STA 370+44.82 BK = STA 374+05.69 AH		
	374+05.69	375+25.00	MAINLINE	119.31	119.31
	375+25.00	375+70.00	MAINLINE - END OF PROJECT ROUTE	45.00	45.00
	SUBTOTAL				
TOTAL					39063

### PAVEMENT MARKING BLACKOUT TAPE, 5"

ROUTE	STATIONING			SIDE (LT/RT/CL)	5" WHITE SOLID EDGE LINES	5" YELLOW SKIP DASH CENTER LINE	5" YELLOW SOLID CENTER LINE	
	STATION	TO	STATION		FOOT	FOOT	FOOT	
US 51	STAGE 1							
	252+85.00		253+36.00	CL	-----	12.75	51.00	
	253+36.00		254+82.00	CL	-----	36.5	-----	
	258+68.00		260+38.00	CL	-----	42.5	-----	
	252+85.00		260+38.00	RT	753.00	-----	-----	
	STAGE 2							
	254+82.00		254+92.00	CL	-----	2.5	-----	
	252+85.00		260+38.00	LT	753.00	-----	-----	
	SUBTOTALS					1506.00	94.25	51.00
	SUBTOTALS					1506.00	145.25	
TOTAL						1652		

### SHOULDER RUMBLE STRIPS, 8 INCH

ROUTE	STATION	TO	STATION	SIDE	LENGTH	PRAVENT DEDUCT	FOOT	
	US 40/ILL 185	35+57.00		53+07.00	LH	1750.00	0	1750.00
38+41.78			45+11.60	RH	669.82	0	669.82	
TOTAL US 40/ILL 185					2419.82	0	2419.82	
US 51		3+58.36		86+68.00	RH	8309.64	0.00	8309.64
		86+68.00		88+04.00	RH			BRIDGE OMISSION
		88+04.00		135+23.24	RH	4719.24	118.00	4601.24
		135+23.24		137+46.98	RH			BRIDGE OMISSION
		137+46.98		196+08.71	RH	5861.73	30.00	5831.73
		196+08.71		197+45.29	RH			BRIDGE OMISSION
		197+45.29		228+02.00	RH	3056.71	618.00	2438.71
	228+02.00		229+32.00	RH			BRIDGE OMISSION	
	229+32.00		244+80.68	RH	1548.68	0.00	1548.68	
	244+80.68		244+80.42	RH			STATION EQUATION: 244+80.68 BK = 244+80.42 AH	
	244+80.42		274+12.00	RH	2931.58		190.00	
	274+12.00		273+97.32	RH			STATION EQUATION: 274+12.00 BK = 273+97.32 AH	
	273+97.32		370+34.59	RH	9637.27	268.00	9369.27	
	370+34.59		374+05.32	RH			STATION EQUATION: 370+34.59 BK = 374+05.32 AH	
	374+05.32		376+00.00	RH	194.68	0.00	194.68	
	SUBTOTAL US 51 RH TOTAL					36259.53	1224.00	35035.53
	3+37.43		86+68.00	LH	8330.57	48.00	8282.57	
	86+68.00		88+04.00	LH			BRIDGE OMISSION	
	88+04.00		135+23.24	LH	4719.24	60.00	4659.24	
	135+23.24		137+46.98	LH			BRIDGE OMISSION	
	137+46.98		196+08.71	LH	5861.73	51.00	5810.73	
	196+08.71		197+45.29	LH			BRIDGE OMISSION	
	197+45.29		228+02.00	LH	3056.71	91.00	2965.71	
228+02.00		229+32.00	LH			BRIDGE OMISSION		
229+32.00		244+80.68	LH	1548.68	0.00	1548.68		
244+80.68		244+80.42	LH			STATION EQUATION: 244+80.68 BK = 244+80.42 AH		
244+80.42		274+12.00	LH	2931.58	215.00	2716.58		
274+12.00		273+97.32	LH			STATION EQUATION: 274+12.00 BK = 273+97.32 AH		
273+97.32		370+34.59	LH	9637.27	419.00	9218.27		
370+34.59		374+05.32	LH			STATION EQUATION: 370+34.59 BK = 374+05.32 AH		
374+05.32		376+00.00	LH	194.68	0.00	194.68		
SUBTOTAL US 51 LH TOTAL					36280.46	884.00	35396.46	
TOTAL US 51					72539.99	2108.00	70431.99	
SUBTOTAL ALL ROUTES							72851.81	
TOTAL JOB							72852	

### TRAFFIC CONTROL SCHEDULE

ROUTE	STATIONING		70400100 TEMPORARY CONCRETE BARRIER	70400200 RELOCATE TEMPORARY CONCRETE BARRIER	70600250 IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	70600350 IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3
	STATION	TO	FOOT	FOOT	EACH	EACH
US 51	STAGE 1					
	254+60.00		259+00.00	450	-----	2
	STAGE 2					
	254+68.00		258+92.00	425	-----	2
TOTALS			450	425	2	2

### PATCHING/RUMBLE STRIP APPROACH TO AN INTERSECTION SCHEDULE

LOCATION	STATIONING		STOP AHEAD PLACEMENT	LENGTH	LANE WIDTH	RUMBLE/PATCH WIDTH	AREA	AREA	44201421 CLASS C PATCHES, TYPE IV, 15 INCH	Z0055500 RUMBLE STRIP
	TO	FROM	STATION	FEET	FEET	FEET	SQ FT	SQ YD	SQ YD	SQ FT
US 51 NB TO INTERSECTION WITH US 40	5+37	5+12	---	25	15	16	400	44.44	44.44	400
	7+37	7+12	---	25	14	15	375	41.67	41.67	375
	14+70	14+45	12+70	25	14	15	375	41.67	41.67	375
RUNNING TOTAL									127.78	1150
TOTAL									128	1150

REV. - MS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LONGITUDINAL JOINT SEALANT, TRAFFIC CONTROL, PAVEMENT MARKING  
BLACKOUT TAPE AND SHOULDER RUMBLE STRIPS SCHEDULES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	18
CONTRACT NO. 74963				

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

ILLINOIS FED. AID PROJECT

\* FAP 322, FAP 752

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DRAWN: steffenk  
CHECKED: steffenk  
DATE: 1/6/2022

SHORT TERM PAVEMENT MARKING

ROUTE	STATION	TO	STATION	LOCATION	LENGTH	COLOR	LINE STRIPING TYPE	NUMBER OF APPLICATIONS	70300100 SHORT TERM PAVEMENT MARKING	70300150 SHORT TERM PAVEMENT MARKING REMOVAL
					FEET				FEET	SQ FT
US 40/ILL 185	135+57.00		146+23.00	EASTBOUND LANE	1066.0	WHITE	SKIP	3	319.8	35.2
	149+35.00		149+80.00	CENTERLINE	45.0	YELLOW	SKIP	3	13.5	1.5
	135+57.00		141+67.00	CL PAINTED MEDIAN	610.0	YELLOW	DOUBLE SKIP	3	732.0	20.1
	135+57.00		138+41.00	LH RAMP EDGE LINE TO END OF CORE AREA	284.0	WHITE	SKIP	3	85.2	9.4
US 40 RAMP/US 51 RAMP	35+57.00		47+82.00	RH SHOULDER - RUNS LENGTH OF RAMP	1225.0	WHITE	SHOULDER DIAGONALS	3	147.0	16.2
	36+22.00		38+32.00	RAMP GORE AREA	210.0	WHITE	SHOULDER DIAGONALS	3	25.2	2.8
US 51	2+63.00		2+65.00	STOP BAR - NORTH BOUND LN (STRAIGHT OR LH TURN)	2.0	WHITE	SKIP	3	120.0	4.0
	2+63.00		2+65.00	STOP BAR - NORTH BOUND LN (RH TURN)	2.0	WHITE	SKIP	3	120.0	4.0
	7+13.00		9+40.00	GORE AREA AT BOTTOM OF RAMP - MEETS UP WITH US 51	227.0	WHITE	SKIP	3	68.1	7.5
	7+13.00		9+40.00	GORE AREA AT BOTTOM OF RAMP - MEETS UP WITH US 51	227.0	WHITE	SHOULDER DIAGONALS	3	27.2	3.0
	13+43.00		86+68.00	MAINLINE	7325.0	YELLOW	SKIP	3	2197.5	241.7
	86+68.00		88+04.00	MAINLINE	136.0		BRIDGE OMISSION			
	88+04.00		135+24.70	MAINLINE	4720.7	YELLOW	SKIP	3	1416.2	155.8
	135+24.70		137+45.50	MAINLINE	220.8		BRIDGE OMISSION			
	137+45.50		196+08.70	MAINLINE	5863.2	YELLOW	SKIP	3	1759.0	193.5
	196+08.70		197+45.30	MAINLINE	136.6		BRIDGE OMISSION			
	197+45.30		228+02.00	MAINLINE	3056.7	YELLOW	SKIP	3	917.0	100.9
	228+02.00		229+32.00	MAINLINE	130.0		BRIDGE OMISSION			
	229+32.00		244+80.69	MAINLINE	1548.7	YELLOW	SKIP	3	464.6	51.1
	244+80.69		244+80.42	MAINLINE			STATION EQUATION: STA 244+80.68 BK = 244+80.42 AH			
	244+80.42		274+12.10	MAINLINE	2931.7	YELLOW	SKIP	3	879.5	96.7
	274+12.10		274+00.00	MAINLINE			STATION EQUATION: STA 274+12.00 BK = 273+97.32 AH			
	274+00.00		370+44.82	MAINLINE	9644.8	YELLOW	SKIP	3	2893.4	318.3
370+44.82		374+05.69	MAINLINE			STATION EQUATION: STA 370+43.59 BK = 374+05.32 AH				
374+05.69		375+25.00	MAINLINE	119.3	YELLOW	SKIP	3	35.8	3.9	
375+25.00		375+70.00	MAINLINE	45.0	YELLOW	SKIP	3	13.5	1.485	
SUBTOTAL									12234.6	1266.9
FINAL TOTAL									12235	1267

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE

STATIONING		LENGTH	SPACING 1	SPACING 2	WHITE	YELLOW		78100100 RAISED REFLECTIVE PAVEMENT MARKER	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
FROM	TO				ONE WAY	ONE WAY	TWO WAY		
US ROUTE 51									
2+37.00	13+37.00	1100.00	0	0	0	0	0	0	0
13+37.00	14+07.00	70.00	40	0	0	4	0	4	4
14+07.00	86+68.00	7261.00	80	0	0	0	92	92	92
86+68.00	88+04.00	136.00							
88+04.00	135+23.24	4719.24	80	0	0	0	59	59	59
135+23.24	137+46.98	223.74							
137+46.98	196+08.71	5861.73	80	0	0	0	74	74	74
196+08.71	197+45.29	136.58							
197+45.29	228+02.00	3056.71	80	0	0	0	39	39	39
228+02.00	229+32.00	130.00							
229+32.00	244+80.68	1548.68	80	0	0	0	20	20	20
244+80.68	244+80.42				STATION EQUATION : STA 244+80.69(BK) = STA 244+80.42 (AH)				
244+80.42	274+12.00	2931.58	80	0	0	0	37	37	37
274+12.00	273+97.32				STATION EQUATION : STA 274+12.10 (BK) = STA 274+00.00 (AH)				
273+97.32	370+43.59	9646.27	80	0	0	0	121	121	121
370+43.59	374+05.32				STATION EQUATION : STA 370+44.82 (BK) = STA 374+05.69 (AH)				
374+05.32	376+00.00	194.68	80	0	0	0	3	3	3
TOTALS (US ROUTE 51) :					0	4	445	449	449
US ROUTE 40/ILL ROUTE 185									
135+57.00	142+06.00	649.00	40	40	17	34	0	51	51
142+06.00	143+14.00	108.00	40	0	0	0	0	0	0
143+14.00	146+00.00	286.00	40	0	8	0	0	8	0
146+00.00	149+80.00	380.00	40	0	0	0	57	57	0
TOTALS (US ROUTE 40/ILL ROUTE 185) :					25	34	57	116	51
US ROUTE 40/US ROUTE 51 RAMP									
35+57.00	36+35.30	78.30	20	0	4	0	0	4	0
36+35.30	38+39.70	204.40	20	40	22	0	0	22	0
38+39.70	45+10.00	670.30	40	0	0	18	0	18	0
45+10.00	47+36.00	226.00	0	0	0	0	0	0	0
TOTALS (US ROUTE 40/US ROUTE 51 RAMP) :					26	18	0	44	0
FINAL TOTAL (ALL LOCATIONS):					51	56	502	609	500

EARTHWORK SCHEDULE

STATION	TO	STATION	EARTH EXCAVATION	EARTH EX ADJ FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
			(CU YD)	(CU YD)	(CU YD)	(CU YD)
253+50	TO	259+70	53	39.75	228	-188
TOTALS					228	-188

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT MARKING &  
RAISED REFLECTIVE PAVEMENT MARKING SCHEDULE**

SCALE: SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	19
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

FAP 322, FAP 752

**PAVEMENT MARKING - LINE 4"**

ROUTE	STATION	TO	STATION	LOCATION	SIDE	PRA DEDUCT	70300221 TEMPORARY PAVEMENT MARKING - LINE 4" PAINT				78001110 PAINT PAVEMENT MARKING - LINE 4"				78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"		78011025 GROOVING FOR RECESSED PAVEMENT MARKING, 5"	
							WHITE SOLID LINE	YELLOW SOLID LINE	YELLOW SKIP DASH	YELLOW DOUBLE SOLID LINE	WHITE SOLID LINE	YELLOW SOLID LINE	YELLOW SKIP DASH	YELLOW DOUBLE SOLID LINE	WHITE SOLID LINE	YELLOW SOLID LINE	WHITE SOLID LINE	YELLOW SOLID LINE
							FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET
US 51	13+43.00		14+13.00	MAINLINE	LT, RT, CL	0.0	140.0	0.0	0.0	140.0	140.0	0.0	0.0	140.0	0.0	0.0	0.0	0.0
	14+13.00		20+39.00	MAINLINE	LT, RT, CL	0.0	1252.0	626.0	156.5	0.0	1252.0	626.0	156.5	0.0	0.0	0.0	0.0	0.0
	20+39.00		86+68.00	MAINLINE	LT, RT, CL	48.0	13258.0	0.0	1657.3	0.0	13258.0	0.0	1657.3	0.0	0.0	0.0	0.0	0.0
	86+68.00		88+04.00	MAINLINE	LT, RT, CL	0.0	BRIDGE OMISSION											
	88+04.00		135+24.70	MAINLINE	LT, RT, CL	111.0	9441.4	0.0	1180.2	0.0	9441.4	0.0	1180.2	0.0	0.0	0.0	0.0	0.0
	135+24.70		137+45.50	MAINLINE	LT, RT, CL	0.0	BRIDGE OMISSION											
	137+45.50		196+08.70	MAINLINE	LT, RT, CL	0.0	11726.4	0.0	1465.8	0.0	11726.4	0.0	1465.8	0.0	0.0	0.0	0.0	0.0
	196+08.70		197+45.30	MAINLINE	LT, RT, CL	0.0	BRIDGE OMISSION											
	197+45.30		198+25.30	MAINLINE	LT, RT, CL	0.0	160.0	0.0	20.0	0.0	160.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0
	198+25.30		204+45.30	MAINLINE	LT, RT, CL	0.0	1240.0	620.0	155.0	0.0	1240.0	620.0	155.0	0.0	0.0	0.0	0.0	0.0
	204+45.30		207+35.30	MAINLINE	LT, RT, CL	0.0	580.0	0.0	72.5	0.0	580.0	0.0	72.5	0.0	0.0	0.0	0.0	0.0
	207+35.30		215+03.30	MAINLINE	LT, RT, CL	73.0	1536.0	768.0	192.0	0.0	1536.0	768.0	192.0	0.0	0.0	0.0	0.0	0.0
	215+03.30		228+02.00	MAINLINE	LT, RT, CL	0.0	2597.4	0.0	324.7	0.0	2597.4	0.0	324.7	0.0	0.0	0.0	0.0	0.0
	228+02.00		229+32.00	MAINLINE	LT, RT, CL	0.0	BRIDGE OMISSION											
	229+32.00		238+05.00	MAINLINE	LT, RT, CL	0.0	1746.0	0.0	218.3	0.0	1746.0	0.0	218.3	0.0	0.0	0.0	0.0	0.0
	238+05.00		243+25.00	MAINLINE	LT, RT, CL	0.0	1040.0	520.0	130.0	0.0	1040.0	520.0	130.0	0.0	0.0	0.0	0.0	0.0
	243+25.00		244+80.68	MAINLINE	LT, RT, CL	0.0	311.4	0.0	38.9	0.0	311.4	0.0	38.9	0.0	0.0	0.0	0.0	0.0
	244+80.68		244+80.42	MAINLINE	LT, RT, CL	0.0	STATION EQUATION: STA 244+80.68 BK = STA 244+80.42 AH											
	244+80.42		247+05.42	MAINLINE	LT, RT, CL	0.0	450.0	0.0	56.3	0.0	450.0	0.0	56.3	0.0	0.0	0.0	0.0	0.0
	247+05.42		253+36.42	MAINLINE	LT, RT, CL	110.0	1262.0	631.0	157.8	0.0	1262.0	631.0	157.8	0.0	0.0	0.0	0.0	0.0
	253+36.42		274+12.00	MAINLINE	LT, RT, CL	0.0	4151.2	0.0	518.9	0.0	4151.2	0.0	518.9	0.0	0.0	0.0	0.0	0.0
	274+12.00		273+97.32	MAINLINE	LT, RT, CL	0.0	STATION EQUATION: STA 274+12.00 BK = STA 273+97.32 AH											
	273+97.32		340+50.00	MAINLINE	LT, RT, CL	184.0	13305.4	0.0	1663.2	0.0	13305.4	0.0	1663.2	0.0	0.0	0.0	0.0	0.0
340+50.00		368+27.00	MAINLINE	LT, RT, CL	233.0	5554.0	0.0	694.3	0.0	5554.0	0.0	694.3	0.0	0.0	0.0	0.0	0.0	
368+27.00		370+43.59	MAINLINE	LT, RT, CL	0.0	433.2	216.6	54.1	0.0	433.2	216.6	54.1	0.0	0.0	0.0	0.0	0.0	
370+43.59		374+05.32	MAINLINE	LT, RT, CL	0.0	STATION EQUATION: STA 370+43.59 BK = STA 374+05.32 AH												
374+05.32		375+25.00	MAINLINE	LT, RT, CL	0.0	239.4	119.7	29.9	0.0	239.4	119.7	29.9	0.0	0.0	0.0	0.0	0.0	
375+25.00		375+70.00	MAINLINE	LT, RT, CL	0.0	90.0	45.0	11.3	0.0	90.0	45.0	11.3	0.0	0.0	0.0	0.0	0.0	
SUBTOTAL						759.0	70513.6	3546.3	8796.7	140.0	70513.6	3546.3	8796.7	140.0	0.0	0.0	0.0	0.0
SUBTOTAL (WHITE VS. YELLOW)						759.0	70513.6	12483.0		70513.6	12483.0		0.0	0.0	0.0	0.0		
US 51 TOTAL						82238				82238				0.0		0.0		
US 40 RAMP/US 51 RAMP	38+18.00		45+28.00	EDGE LINE - END OF RAMP GORE AREA TO 8" LINE TOWARD END OF RAMP	LT	0.0	710.0	0.0	0.0	0.0	0.0	0.0	0.0	710.0	0.0	710.0	0.0	
	44+63.00		51+11.29	EDGE LINE - MEETS UP WITH END OF 6" SOLID LINE TO START OF STANDARD TWO LANE HIGHWAY FOR US 51	RT	0.0	648.3	0.0	0.0	0.0	0.0	0.0	0.0	648.3	0.0	648.3	0.0	
	36+89.00		48+33.00	RT SHOULDER DIAGONALS - RUNNING FROM START OF RAMP TO BOTTOM OF RAMP (22 (3FT WIDE) DIAGONALS AT 52 FT SPACING)	RT	0.0	66.0	0.0	0.0	0.0	0.0	0.0	0.0	66.0	0.0	66.0	0.0	
SUBTOTAL						0.0	1424.3	0.0	0.0	0.0	0.0	0.0	0.0	1424.3	0.0	1424.3	0.0	
SUBTOTAL (WHITE VS. YELLOW)						0.0	1424.3	0.0		0.0	0.0		1424.3	0.0	1424.3	0.0		
US 40 RAMP/US 51 RAMP TOTAL						1425				0				1425		1425		

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SCHEDULE  
SHEET 1 OF 2**

SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	20
			CONTRACT NO. 74963	
		ILLINOIS	FED. AID PROJECT	

\* FAP 322, FAP 752

PAVEMENT MARKING - LINE 4"

ROUTE	STATION	TO	STATION	LOCATION	SIDE	PRA DEDUCT	70300221 TEMPORARY PAVEMENT MARKING - LINE 4" PAINT				78001110 PAINT PAVEMENT MARKING - LINE 4"				78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"		78011025 GROOVING FOR RECESSED PAVEMENT MARKING, 5"	
							WHITE SOLID LINE	YELLOW SOLID LINE	YELLOW SKIP DASH	YELLOW DOUBLE SOLID LINE	WHITE SOLID LINE	YELLOW SOLID LINE	YELLOW SKIP DASH	YELLOW DOUBLE SOLID LINE	WHITE SOLID LINE	YELLOW SOLID LINE	WHITE SOLID LINE	YELLOW SOLID LINE
							FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET
US 40/ILL 185	138+29.00		141+79.00	EDGE LINE - END OF RAMP GORE AREA TO US 51 INTERSECTION	RT	0.0	350.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.0	0.0	350.0	0.0
	135+57.00		141+67.00	EAST BOUND - DOUBLE NARROW LINE AROUND PAINTED MEDIAN	RT/CL	0.0	1220.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1220.0	0.0	1220.0	0.0
	135+57.00		141+67.00	WEST BOUND - DOUBLE NARROW LINE AROUND PAINTED MEDIAN	LT/CL	0.0	1220.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1220.0	0.0	1220.0	0.0
	135+57.00		141+65.00	EDGE LINE (WESTBOUND) - BRIDGE TO START OF COMMERCIAL ENTRANCE AT US 51 INTERSECTION	LT	0.0	608.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	608.0	0.0	608.0	0.0
	147+82.78		149+80.00	EDGE LINE (WESTBOUND) - START OF TURN LANE TO END OF PROJECT	LT	0.0	197.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	197.2	0.0	197.2	0.0
	143+30.00		149+80.00	EDGE LINE - (EASTBOUND) - US 51 INTERSECTION TO END OF PROJECT	RT	0.0	650.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	650.0	0.0	650.0	0.0
	143+19.78		149+35.00	MEDIAN LINE (EASTBOUND) - US 51 INTERSECTION TO END OF RAISED MEDIAN	RT/CL	0.0	0.0	662.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	662.0	0.0	662.0
	143+19.78		149+35.00	MEDIAN LINE (WESTBOUND) - US 51 INTERSECTION TO END OF RAISED MEDIAN	LT/CL	0.0	0.0	660.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	660.0	0.0	660.0
	149+35.00		149+80.00	END OF RAISED MEDIAN TO END OF JOB	CL	0.0	0.0	96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.0	0.0	96.0
SUBTOTAL						0.0	4245.2	1418.0	0.0	0.0	0.0	0.0	0.0	4245.2	1418.0	4245.2	1418.0	
SUBTOTAL (WHITE VS. YELLOW)						0.0	4245.2	1418.0		0.0	0.0		0.0	4245.2	1418.0	4245.2	1418.0	
US 40/ILL 185 TOTAL							5664				0				5664		5664	
US 51	2+83.00		13+43.00	MEDIAN LINE (SOUTHBOUND) - BEGINNING OF JOB TO END OF RAISED MEDIAN	RT	0.0	0.0	1060.0	0.0	0.0	0.0	0.0	0.0	0.0	1060.0	0.0	1060.0	
	2+83.00		13+43.00	MEDIAN LINE (NORTHBOUND) - BEGINNING OF JOB TO END OF RAISED MEDIAN	LT	0.0	0.0	1060.0	0.0	0.0	0.0	0.0	0.0	0.0	1060.0	0.0	1060.0	
	2+43.00		13+43.00	EDGE LINE - BEGINNING OF US 51 TO END OF RAISED MEDIAN ON US 51/START OF PAINT PAVEMENT MARKINGS	LT	0.0	1156.0	0.0	0.0	0.0	0.0	0.0	0.0	1156.0	0.0	1156.0	0.0	
SUBTOTAL:						0.0	1156.0	2120.0	0.0	0.0	0.0	0.0	0.0	1156.0	2120.0	1156.0	2120.0	
SUBTOTAL (WHITE VS. YELLOW):						0.0	1156.0	2120.0		0.0	0.0		0.0	1156.0	2120.0	1156.0	2120.0	
US 51 TOTAL:							3276				0				3276		3276	
ALL ROUTE SUBTOTALS:							92602.6				82238.0				10365.0		10365.0	
TOTALS FOR ALL ROUTES:							92603				82238				10365		10365	

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PLOT DATE = 1/6/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SCHEDULE  
SHEET 2 OF 2

SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	21
CONTRACT NO. 74963			ILLINOIS FED. AID PROJECT	

\* FAP 322, FAP 752

PAVEMENT MARKING - LINE 6"

STATION	TO	STATION	LOCATION	SIDE	ROUTE	COLOR	70300241 TEMPORARY PAVEMENT MARKING - LINE 6" PAINT		78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"		78011035 GROOVING FOR RECESSED PAVEMENT MARKING, 7"	
							WHITE SKIP DASH	WHITE SOLID LINE	WHITE SKIP DASH	WHITE SOLID LINE	WHITE SKIP DASH	WHITE SOLID LINE
							FEET	FEET	FEET	FEET	FEET	FEET
135+57.00		141+67.00	BRIDGE TO INTERSECTION OF US 51	CL OF DRIVING LANE	US 40/ILL 185	WHITE	152.5	0.0	152.5	0.0	152.5	0.0
143+12.78		147+82.78	EDGE LINE - INTERSECTION OF US 51 TO START OF TURN LANE AND MEDIAN DEPRESSION	LT	US 40/ILL 185	WHITE	0.0	470.0	0.0	470.0	0.0	470.0
135+57.00		144+63.00	BRIDGE TO END OF RAMP (EDGE LINE)	RT	US 40 RAMP/US 51 RAMP	WHITE	0.0	906.0	0.0	906.0	0.0	906.0
2+43.00		7+30.00	BEGINNING OF SOUTHBOUND LANE ON US 51 TO MEETING UP WITH 8" LINE FOR RAMP	RT	US 51	WHITE	0.0	487.0	0.0	487.0	0.0	487.0
SUBTOTAL:							152.5	1863.0	152.5	1863.0	152.5	1863.0
TOTAL:							153	1863	153	1863	153	1863
FINAL TOTAL:							2016		2016		2016	

PAVEMENT MARKING - LINE 8"

STATION	TO	STATION	LOCATION	SIDE	ROUTE	COLOR	70300251 TEMPORARY PAVEMENT MARKING - LINE 8" PAINT	78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"	78011045 GROOVING FOR RECESSED PAVEMENT MARKING, 9"
							FEET	FEET	FEET
							135+57.00		138+29.00
143+19.78		145+69.78	LEFT HAND TURN LANE EDGE LINE	CL/LT	US 40/ILL 185	SOLID WHITE	250.0	250.0	250.0
136+22.00		138+18.00	BEGINNING OF RAMP GORE AREA TO END OF RAMP GORE AREA (EDGE LINE)	LT	US 40 RAMP/US 51 RAMP	SOLID WHITE	196.0	196.0	196.0
145+28.00		146+92.00	END OF RAMP CURVE AREA	LT	US 40 RAMP/US 51 RAMP	SOLID WHITE	164.0	164.0	164.0
7+30.00		9+39.00	MEETS UP WITH END OF RAMP CURVE AREA	RT	US 51	SOLID WHITE	209.0	209.0	209.0
SUBTOTAL:							1091.0	1091.0	1091.0
TOTAL:							1091	1091	1091

PAVEMENT MARKING - LINE 12" (MEDIAN & GORE DIAGONALS)

STATION	TO	STATION	LOCATION	ROUTE	SYMBOL	COLOR	70300261 TEMPORARY PAVEMENT MARKING - LINE 12"	78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"	78011045 GROOVING FOR RECESSED PAVEMENT MARKING, 13"
							FEET	FEET	FEET
135+57		141+63	MEDIAN DIAGONALS FROM BRIDGE TO US 51 INTERSECTION	US 40/ILL 185	MEDIAN DIAGONALS	SOLID YELLOW	140.2	140.2	140.2
136+22		138+32	DIAGONALS AT GORE AREA SEPERATING US 40/ILL 185 MAINLINE WITH RAMP	US 40 RAMP/US 51 RAMP	RAMP GORE AREA DIAGONALS	SOLID WHITE	98.0	98.0	98.0
SUBTOTAL:							238.2	238.2	238.2
TOTAL:							238	238	238

PAVEMENT MARKING - LINE 24" (STOP BARS)

STATION (US 40)	STATION (US 51)	LOCATION	ROUTE	SYMBOL	COLOR	MAINLINE	SHOULDER	TOTAL	70300281 TEMPORARY PAVEMENT MARKING - LINE 24"	78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"	78011125 GROOVING FOR RECESSED PAVEMENT MARKING 25"
						FEET	FEET	FEET	FEET	FEET	FEET
143+27.78	2+63.00	US 51 - NORTHBOUND INTERSECTION WITH US 40/ILL 185 (RIGHT TURN)	US 40/ILL 185 & US 51	STOP BAR	SOLID WHITE	12.0	12.0	24.0	24.0	24.0	24.0
-----	2+63.00	US 51 - NORTHBOUND INTERSECTION WITH US 40/ILL 185 (STRAIGHT OR LEFT TURN)	US 51	STOP BAR	SOLID WHITE	16.0	0.0	16.0	16.0	16.0	16.0
TOTAL:									40.0	40.0	40.0

PAVEMENT MARKING, LETTERS AND SYMBOLS

STATION	LOCATION	ROUTE	SYMBOL	COLOR	LENGTH	HEIGHT	GROOVING AREA	70300211 TEMPORARY PAVEMENT MARKING, LETTERS AND SYMBOLS	78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	78011000 GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS
					FEET	FEET	SQ FT	SQ FT	SQ FT	SQ FT
143+40.78	US 40/ILL 185 TN LN AT INTERSECTION OF US 51 (LEFT TURN ON TO US 51) - WEST BOUND	US 40/ILL 185	TURN ARROW	WHITE	8.0	6.0	48.0	15.6	15.6	48.0
144+56.78	US 40/ILL 185 TN LN AT INTERSECTION OF US 51 (LEFT TURN ON TO US 51) - WEST BOUND	US 40/ILL 185	TURN ARROW	WHITE	8.0	6.0	48.0	15.6	15.6	48.0
145+72.78	US 40/ILL 185 TN LN AT INTERSECTION OF US 51 (LEFT TURN ON TO US 51) - WEST BOUND	US 40/ILL 185	TURN ARROW	WHITE	8.0	6.0	48.0	15.6	15.6	48.0
135+83.00	US 40/ILL 185 THROUGH LANE PAST BRIDGE APPROACH NEAR RAMP LANE (LANE KEEPS GOING ON US 40 INSTEAD OF TAKING RAMP LANE) - EASTBOUND	US 40/ILL 185	ARROW (STRAIGHT)	WHITE	8.0	3.5	28.0	11.5	11.5	28.0
TOTALS:								58.3	58.3	172.0

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USER NAME = stefenmk	DESIGNED -	REVISED -
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING SCHEDULE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	22
CONTRACT NO. 74963				

**SURVEY MARKERS**

SURVEY MARKER SCHEDULE				PROPOSED PRESERVE AND PROTECT	66700205	Z0049799
PT. #	STATION	OFFSET	DESCRIPTION		PERMANENT SURVEY MARKERS, TYPE I	PROTECTING OR RESETTING SURVEY
					EACH	EACH
1	135+57.00 (US 40)	0	DRILL HOLE (P.O.T.)	Type I - Alum. IDOT Disk - Flus	1	1
2	137+21.53 (US 40)	0	DRILL HOLE (P.C.)	Type I - Alum. IDOT Disk - Flus	1	1
3	2+17.52	0	MAG AND WASHER (POC INTERSECT)	Type I - Alum. IDOT Disk - Flus	1	1
4	17+00.05	0	MAG AND WASHER (P.I. KINK)	Type I - Alum. IDOT Disk - Flus	1	1
5	21+38.96	0	MAG AND WASHER (P.I. KINK)	Type I - Alum. IDOT Disk - Flus	1	1
6	30+09.08	0	MAG AND WASHER (P.I. KINK)	Type I - Alum. IDOT Disk - Flus	1	1
7	45+07.76	0	MAG AND WASHER (P.I. KINK)	Type I - Alum. IDOT Disk - Flus	1	1
8	75+41.75	0	MAG AND WASHER (P.I. KINK)	Type I - Alum. IDOT Disk - Flus	1	1
9	93+72.82	0	MAG AND WASHER (P.I. KINK)	Type I - Alum. IDOT Disk - Flus	1	1
10	115+24.84	0	MAG AND WASHER (P.I. KINK)	Type I - Alum. IDOT Disk - Flus	1	1
11	141+29.47	0	MAG AND WASHER (P.I. KINK)	Type I - Alum. IDOT Disk - Flus	1	1
12	162+00	0	MAG AND WASHER (P.O.T.)	Type I - Alum. IDOT Disk - Flus	1	1
13	186+29.72	0	MAG AND WASHER (P.I. KINK)	Type I - Alum. IDOT Disk - Flus	1	1
14	205+64.66	0	MAG AND WASHER (P.C.)	Type I - Alum. IDOT Disk - Flus	1	1
15	208+14.66	0.39 LT	MAG AND WASHER (P.I.)	Type I - Alum. IDOT Disk - Flus	1	1
16	210+64.66	0	MAG AND WASHER (P.T.)	Type I - Alum. IDOT Disk - Flus	1	1
17	219+42.89	0	MAG AND WASHER (P.C.)	Type I - Alum. IDOT Disk - Flus	1	1
18	221+92.89	0.42 LT	ALUMINUM DISK (P.I.)	Type I - Alum. IDOT Disk - Flus	1	1
19	224+42.89	0	ALUMUNUM DISK (P.T.)	Type I - Alum. IDOT Disk - Flus	1	1
20	244+80.68 BK 244+80.42 AH	0	MAG AND WASHER (STA.EQ.)	Type I - Alum. IDOT Disk - Flus	1	1
21	249+47.84	0	MAG AND WASHER (P.C.)	Type I - Alum. IDOT Disk - Flus	1	1
22	251+97.84	0.39 LT	MAG AND WASHER (P.I.)	Type I - Alum. IDOT Disk - Flus	1	1
23	254+47.84	0	MAG AND WASHER (P.T.)	Type I - Alum. IDOT Disk - Flus	1	1
24	266+98.18	0	MAG AND WASHER (P.O.T.)	Type I - Alum. IDOT Disk - Flus	1	1
25	274+12.00 BK 273+97.32 AH	0	MAG AND WASHER (STA.EQ.)	Type I - Alum. IDOT Disk - Flus	1	1
26	289+79.74	0	MAG AND WASHER (P.C.)	Type I - Alum. IDOT Disk - Flus	1	1
27	294+17.26	2.23 RT	MAG AND WASHER (P.I.)	Type I - Alum. IDOT Disk - Flus	1	1
28	298+54.74	0	MAG AND WASHER (P.T.)	Type I - Alum. IDOT Disk - Flus	1	1
29	320+00	0	MAG AND WASHER (P.O.T.)	Type I - Alum. IDOT Disk - Flus	1	1
30	338+28.28	0	MAG AND WASHER (P.C.)	Type I - Alum. IDOT Disk - Flus	1	1
31	352+28.28	0	MAG AND WASHER (P.T.)	Type I - Alum. IDOT Disk - Flus	1	1
32	357+01.70	0	MAG AND WASHER (P.C.)	Type I - Alum. IDOT Disk - Flus	1	1
33	370+43.59	0	MAG AND WASHER (P.T.)	Type I - Alum. IDOT Disk - Flus	1	1
34	376+00	0	ALUMINUM DISK (P.O.T.)	Type I - Alum. IDOT Disk - Flus	1	1
TOTALS					34	34

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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SURVEY MARKER SCHEDULE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	23
			CONTRACT NO. 74963	
		ILLINOIS	FED. AID PROJECT	

PAVING SCHEDULE													
STATION TO	STATION	LENGTH	PAVEMENT WIDTH	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	AGGREGATE WEDGE SHOULDERS, TYPE B	PORTLAND CEMENT CONCRETE SHOULDERS 8"	PAVEMENT REMOVAL	PORTLAND CEMENT CONCRETE PAVEMENT 12"	WELDED WIRE REINFORCEMENT
				SQ YD	SQ YD	POUND	TON	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD
135+57	142+06	649	VAR	4231	0.0	2856	414.6	473.9	41.1	0	0	0	0
142+06	143+14	108	VAR	564	0.0	381	55.3	63.2	0.0	0	0	0	0
143+14	149+32	618	VAR	3090	0.0	2086	302.9	346.1	39.1	0	0	0	0
149+32	149+80	48	VAR	207	0.0	140	20.3	23.2	3.0	0	0	0	0
US ROUTE 40/US ROUTE 51 RAMP													
35+57	38+40	283	14	440	0.0	298	43.2	49.4	0.0	0	0	0	0
38+40	39+50	110	14	244	0.0	165	24.0	27.4	7.0	0	0	0	0
39+50	45+10	560	14	1244	0.0	840	122.0	139.4	35.4	0	0	0	0
US ROUTE 51													
2+37	3+37	100	VAR	1344	0.0	908	131.8	150.6	6.3	0	0	0	0
3+37	3+58	21	VAR	84	0.0	57	8.3	9.5	1.3	0	0	0	0
3+58	7+33	375	28	1417	0.0	957	138.9	158.7	23.7	0	0	0	0
7+33	13+40	607.1	VAR	3339	0.0	2254	327.3	374.0	38.4	0	0	0	0
13+40	17+01	360.9	VAR	0	1423.6	961	139.6	159.5	22.3	0	0	0	0
17+01	82+84	6583	24	0	21942.7	14812	2150.4	2457.6	409.6	0	0	0	0
82+84	86+23	339.2	24	0	1570.3	1060	153.9	175.9	21.5	0	0	0	0
86+23	86+68	45	24	0	230.0	156	22.6	25.8	2.8	0	0	0	0
86+68	88+04	136	BRIDGE OMISSION										
88+04	88+49	45	24	0	230.0	156	22.6	25.8	2.8	0	0	0	0
88+49	90+21	172	24	0	820.0	554	80.4	91.9	10.9	0	0	0	0
90+21	134+80	4459	24	0	14862.2	10032	1456.5	1664.6	274.6	0	0	0	0
134+78	135+23	45	24	0	150.0	102	14.7	16.8	2.8	0	0	0	0
135+23	137+47	223.7	BRIDGE OMISSION										
137+47	137+92	45	24	0	150.0	102	14.7	16.8	2.8	0	0	0	0

PAVING SCHEDULE														
STATION TO	STATION	LENGTH	PAVEMENT WIDTH	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	AGGREGATE WEDGE SHOULDERS, TYPE B	PORTLAND CEMENT CONCRETE SHOULDERS 8"	PAVEMENT REMOVAL	PORTLAND CEMENT CONCRETE PAVEMENT 12"	WELDED WIRE REINFORCEMENT	
				SQ YD	SQ YD	POUND	TON	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	
194+83	195+64	80.71	24	0	321.4	217	31.5	36.0	5.1	0	0	0	0	
195+64	196+09	45	24	0	220.8	150	21.7	24.8	2.8	0	0	0	0	
196+09	197+45	136.6	BRIDGE OMISSION											
197+45	197+90	45	24	0	218.4	148	21.5	24.5	2.8	0	0	0	0	
197+90	198+71	80.81	24	0	317.5	215	31.2	35.6	5.1	0	0	0	0	
198+71	199+73	101.9	24	0	339.7	230	33.3	38.1	6.4	0	0	0	0	
199+73	221+04	2131	24	0	7104.3	4796	696.3	795.7	120.1	0	0	0	0	
221+04	225+00	395.3	24	0	1445.7	976	141.7	162.0	23.2	0	0	0	0	
225+00	227+57	257.4	24	0	1022.1	690	100.2	114.5	13.1	0	0	0	0	
227+57	228+02	45	24	0	180.0	122	17.7	20.2	2.8	0	0	0	0	
228+02	229+32	130	BRIDGE OMISSION											
229+32	229+77	45	24	0	180.0	122	17.7	20.2	2.8	0	0	0	0	
229+77	231+83	206.3	24	0	816.0	551	80.0	91.4	12.3	0	0	0	0	
231+83	243+93	1210	24	0	4143.1	2797	406.1	464.1	74.7	0	0	0	0	
243+93	244+81	87.68	24	0	292.3	198	28.7	32.8	5.5	0	0	0	0	
244+81	244+80	AH	STATION EQUATION											
244+80	256+68	1187	24	0	3957.4	2672	387.9	443.3	68.4	0	0	0	0	
256+68	256+83	15	24	0	60.0	41	5.9	6.8	0.9	20	40	40	40	
256+83	256+92	9.34	24	0	37.4	26	3.7	4.2	0.6	13	25	25	25	
256+92	257+07		24	0	60.0	41	5.9	6.8	0.9	20	40	40	40	
257+07	274+12	1705	24	0	5683.4	3837	557.0	636.6	100.7	0	0	0	0	
274+12	273+97	AH	STATION EQUATION											
273+97	338+28	6431	24	0	21436.5	14470	2100.8	2400.9	390.7	0	0	0	0	
338+28	357+02	1873	24	0	6244.7	4216	612.0	699.5	115.0	0	0	0	0	
357+02	370+44	1342	24	0	4473.0	3020	438.4	501.0	82.1	0	0	0	0	
370+44	374+05		STATION EQUATION											
374+05	375+55	149.7	24	0	498.9	337	48.9	55.9	8.1	0	0	0	0	
375+55	376+00	45	24	0	150.0	102	14.7	16.8	2.8	0	0	0	0	
				TOTAL	16205	120747	92464	13424	15341	2343	53	105	105	105
SEE SHEET 48 FOR ADDITIONAL QUANTITY OF WELDED WIRE REINFORCEMENT														

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

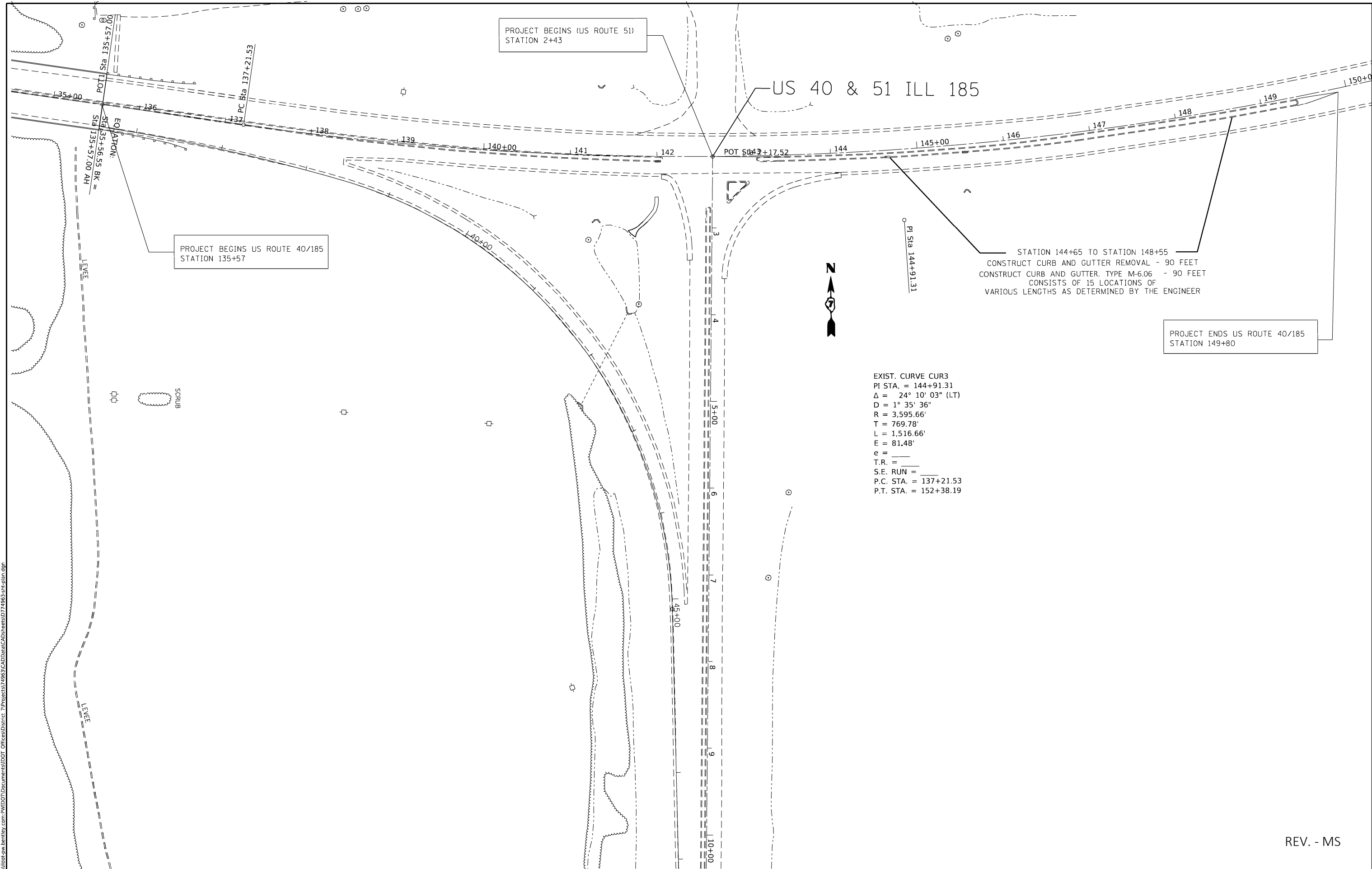
PAVING SCHEDULE		SCALE:	SHEET 10	OF 11	SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	24
			CONTRACT NO. 74963	
ILLINOIS FED. AID PROJECT				

\* FAP 322, FAP 752



MODEL: Default  
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EXIST. CURVE CUR3  
 PI STA. = 144+91.31  
 $\Delta = 24^\circ 10' 03''$  (LT)  
 $D = 1^\circ 35' 36''$   
 $R = 3,595.66'$   
 $T = 769.78'$   
 $L = 1,516.66'$   
 $E = 81.48'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 137+21.53  
 P.T. STA. = 152+38.19

STATION 144+65 TO STATION 148+55  
 CONSTRUCT CURB AND GUTTER REMOVAL - 90 FEET  
 CONSTRUCT CURB AND GUTTER, TYPE M-6.06 - 90 FEET  
 CONSISTS OF 15 LOCATIONS OF  
 VARIOUS LENGTHS AS DETERMINED BY THE ENGINEER

PROJECT ENDS US ROUTE 40/185  
 STATION 149+80

REV. - MS

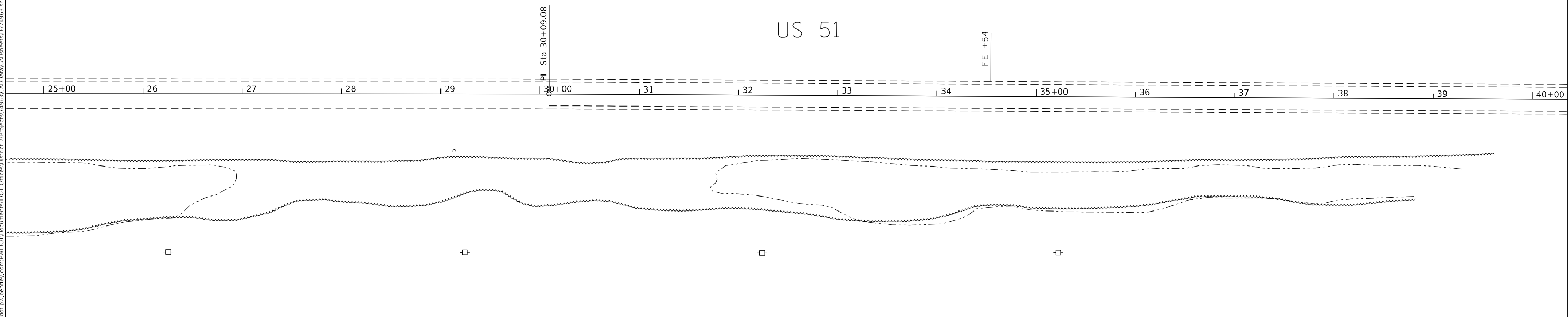
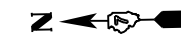
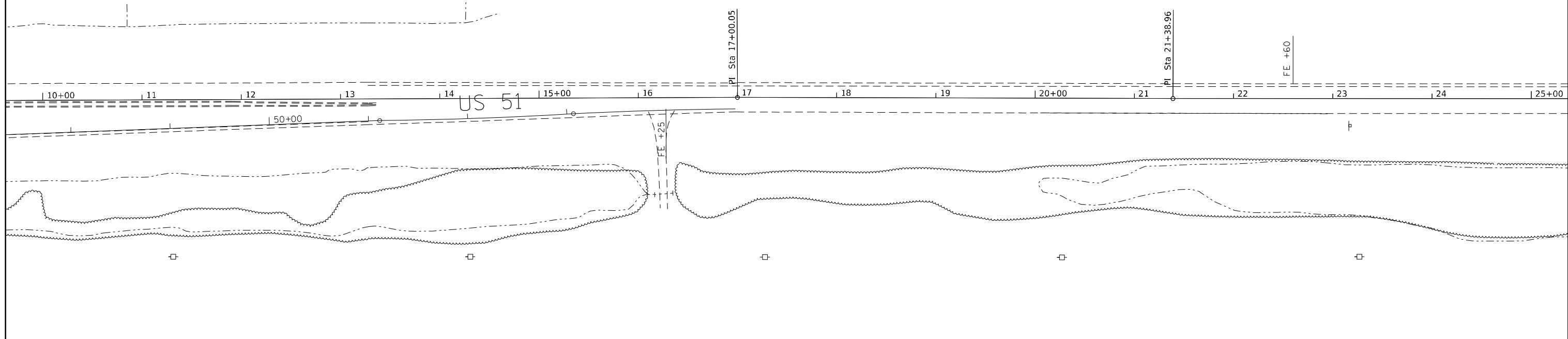
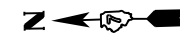
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PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET - OVERVIEW**  
**STATION 135+57 TO STATION 149+80**  
**STATION 2+43 TO STATION 10+00**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)R5-2	FAYETTE	61	25
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				



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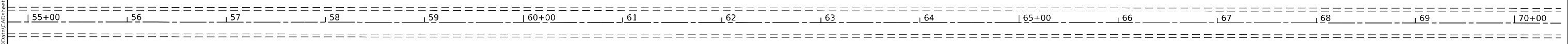
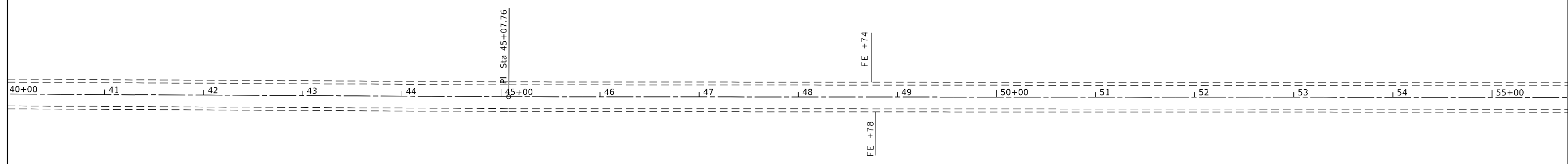
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PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PLANS SHEET</b>			
<b>STATION 10+00 TO STATION 40+00</b>			
SCALE:	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	26
			CONTRACT NO. 74963	
		ILLINOIS	FED. AID PROJECT	

\*FAP 322 & FAP 752



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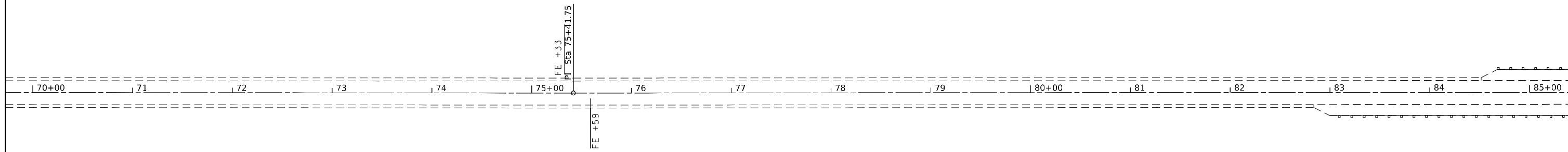
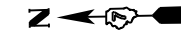
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

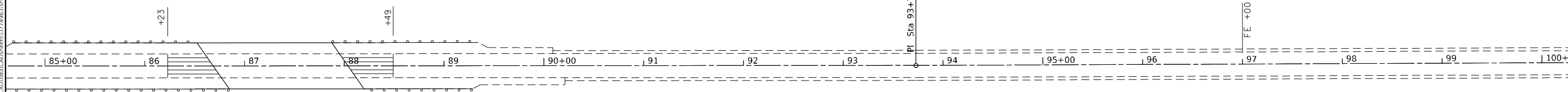
**PLANS SHEET**  
**STATION 40+00 TO STATION 70+00**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	27
			CONTRACT NO. 74963	
SCALE:		SHEET 1 OF 1 SHEETS	STA.	TO STA.
ILLINOIS FED. AID PROJECT				

\*FAP 322 & FAP 752



STRUCTURE Q26-0035  
OMISSION  
STATION 86+68.0 TO STATION 88+04.0



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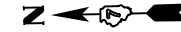
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLANS SHEET  
STATION 70+00 TO STATION 100+00**

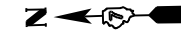
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	28
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				



100+00 101 102 103 104 105+00 106 107 108 109 110+00 111 112 113 114 115+00

PRA +15  
1325 N  
Sta 115+24.84  
FE +ZZ



116 117 118 119 120+00 121 122 123 124 125+00 126 127 128 129 130+00 131

+45 PRA  
IE 1300 AVE  
+45 FE

NOT TO SCALE

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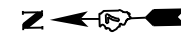
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

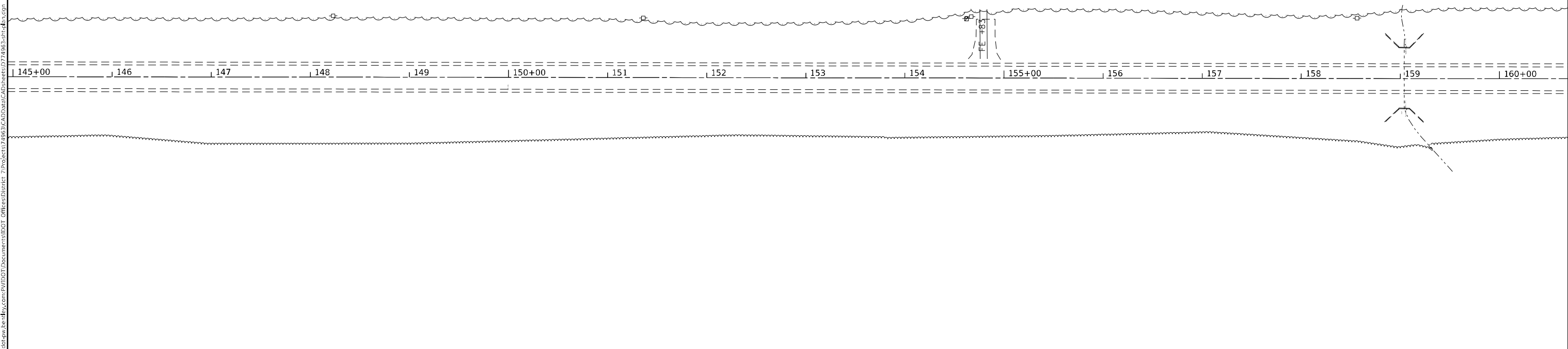
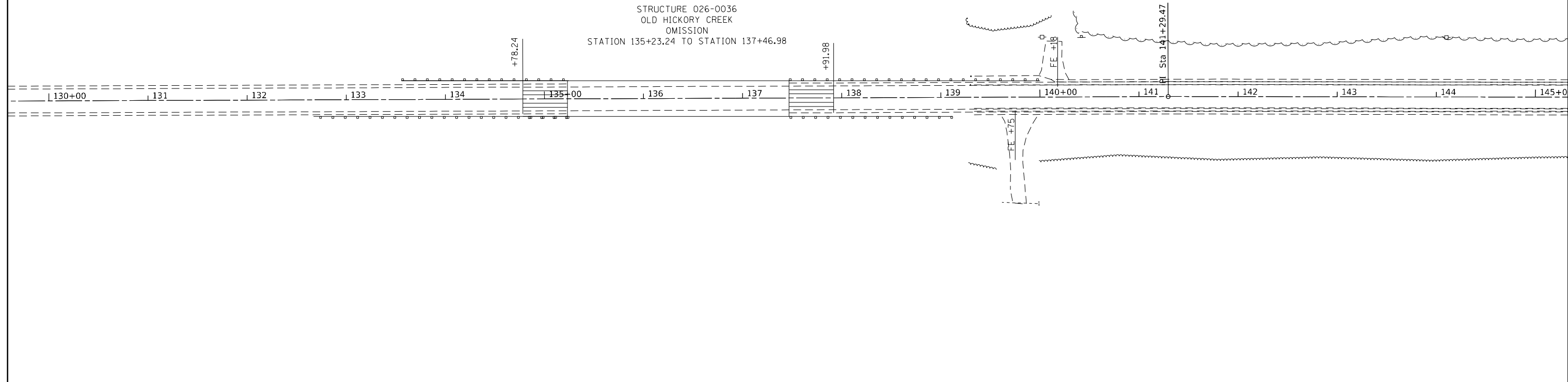
**PLANS SHEET  
STATION 100+00 TO STATION 130+00**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	29
CONTRACT NO. 74963			ILLINOIS FED. AID PROJECT	

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



STRUCTURE 026-0036  
 OLD HICKORY CREEK  
 OMISSION  
 STATION 135+23.24 TO STATION 137+46.98



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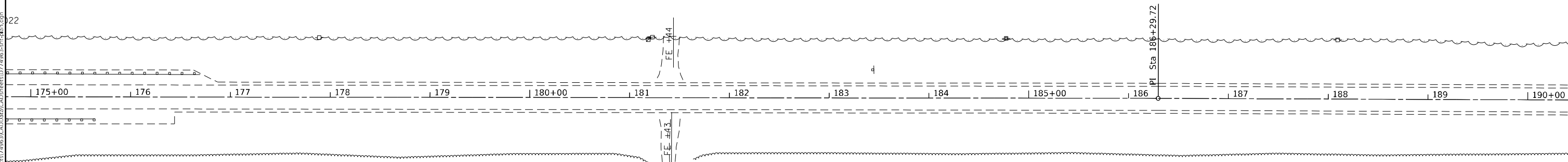
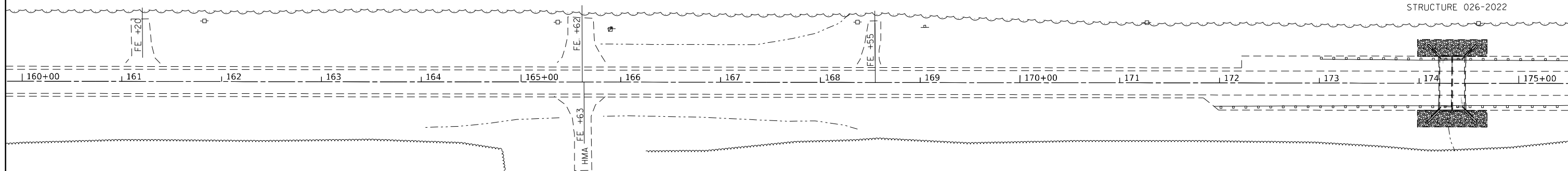
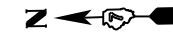
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PLANS SHEET</b>			
<b>STATION 130+00 TO STATION 160+00</b>			
SCALE:	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	30
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

\*FAP 322 & FAP 752



NOT TO SCALE

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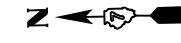
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLANS SHEET  
STATION 160+00 TO STATION 190+00**

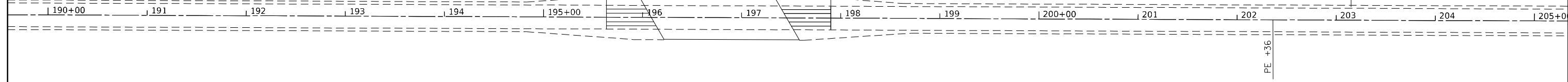
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	31
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

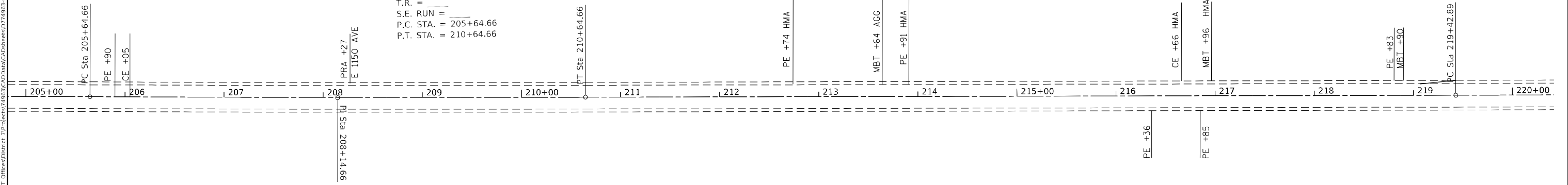
\*FAP 322 & FAP 752



STRUCTURE 026-0037  
 OLD HICKORY CREEK  
 OMISSION  
 STATION 196+08.71 TO STATION 197+45.29



EXIST. CURVE C1  
 PI STA. = 208+14.66  
 $\Delta = 0^\circ 21' 35''$  (LT)  
 $D = 0^\circ 04' 19''$   
 $R = 79,618.25'$   
 $T = 250.00'$   
 $L = 500.00'$   
 $E = 0.39'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 205+64.66$   
 $P.T. STA. = 210+64.66$



MODEL: Default  
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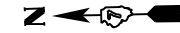
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PLANS SHEET</b>			
<b>STATION 190+00 TO STATION 220+00</b>			
SCALE:	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	32
			CONTRACT NO. 74963	
		ILLINOIS	FED. AID PROJECT	

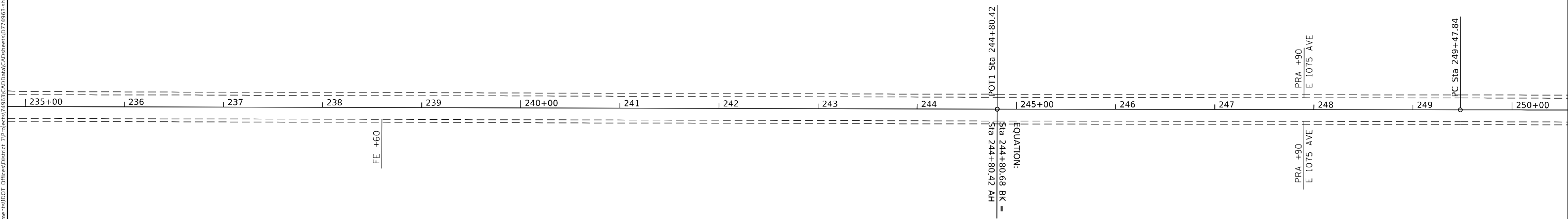
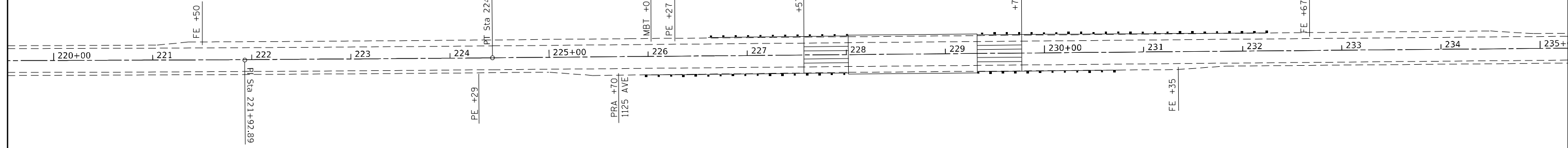
\*FAP 322 & FAP 752





EXIST. CURVE C2  
 PI STA. = 221+92.89  
 $\Delta = 0^\circ 23' 05''$  (LT)  
 $D = 0^\circ 04' 37''$   
 $R = 74,464.74'$   
 $T = 250.00'$   
 $L = 500.00'$   
 $E = 0.42'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 P.C. STA. = 219+42.89  
 P.T. STA. = 224+42.89

STRUCTURE 026-0104  
 RICHLAND CREEK  
 OMISSION  
 STATION 228+02.0 TO STATION 229+32.0



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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PLANS SHEET**  
**STATION 220+00 TO STATION 250+00**

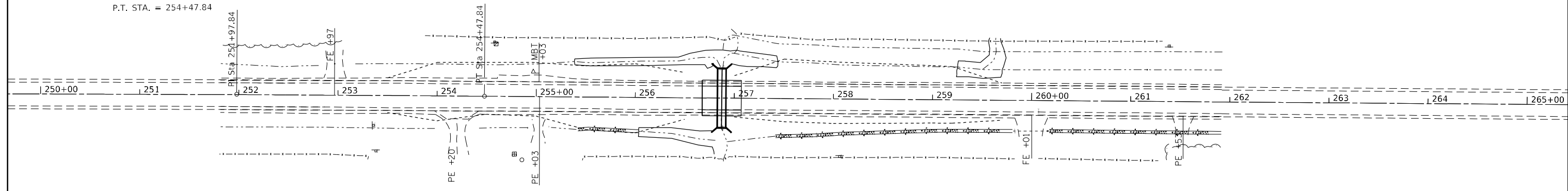
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	33
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

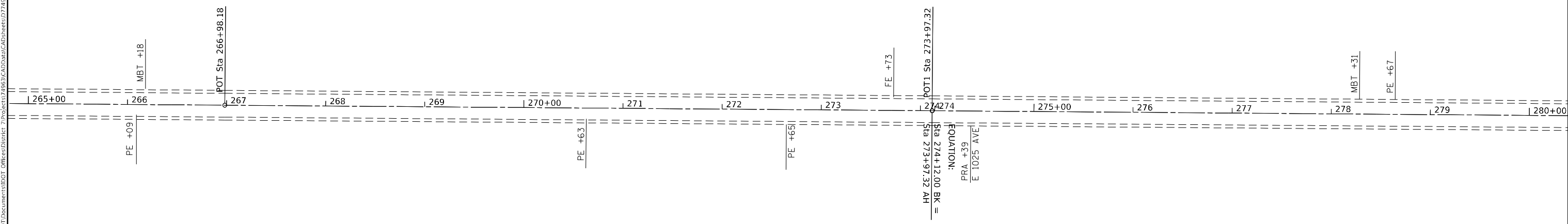
\*FAP 322 & FAP 752

EXIST. CURVE C3  
 PI STA. = 251+97.84  
 $\Delta = 0^\circ 21' 38''$  (RT)  
 $R = 79,471.10'$   
 $T = 250.00'$   
 $L = 500.00'$   
 $E = 0.39'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 249+47.84  
 P.T. STA. = 254+47.84

PROPOSED CULVERT REMOVAL & REPLACEMENT  
 STRUCTURE # 026-8663  
 SINGLE BOX 8'x6' PRECAST BOX CULVERT  
 STATION 256+87.3  
 SEE SHEET 39 FOR STAGING DETAILS



NOTE: SEE SHEETS 39-44 FOR CULVERT REPLACEMENT DETAILS



MODEL: Default  
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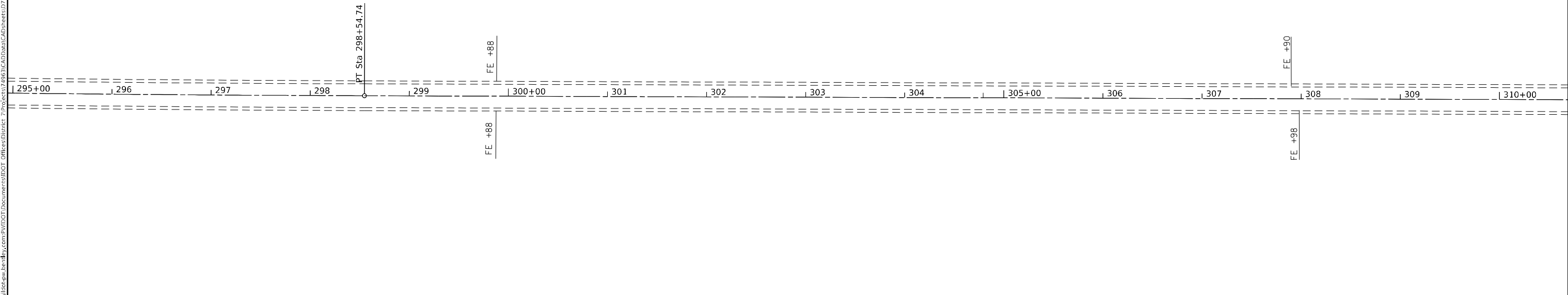
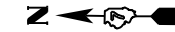
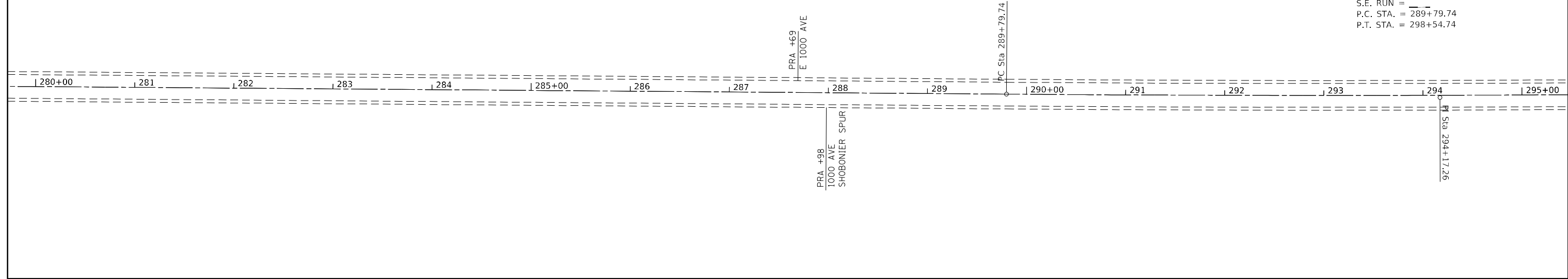
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PLANS SHEET</b>			
<b>STATION 250+00 TO STATION 280+00</b>			
SCALE:	SHEET 1	OF 1	SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	34
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE C4  
 PI STA. = 294+17.26  
 $\Delta = 1^\circ 10' 07''$  (LT)  
 D = 0° 08' 01"  
 R = 42,902.43'  
 T = 437.52'  
 L = 875.00'  
 E = 2.23'  
 e = \_\_\_\_\_  
 T.R. = \_\_\_\_\_  
 S.E. RUN = \_\_\_\_\_  
 P.C. STA. = 289+79.74  
 P.T. STA. = 298+54.74



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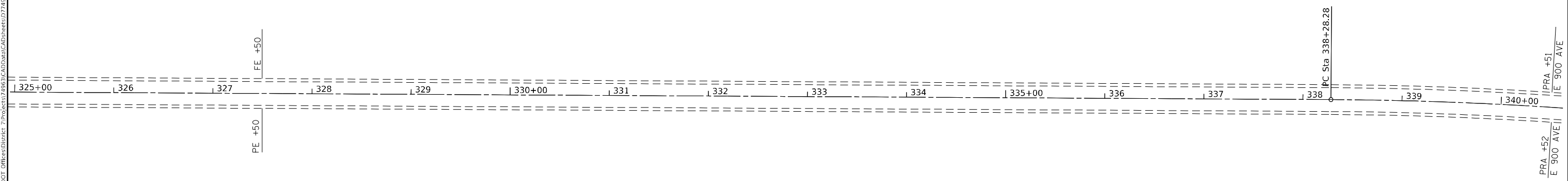
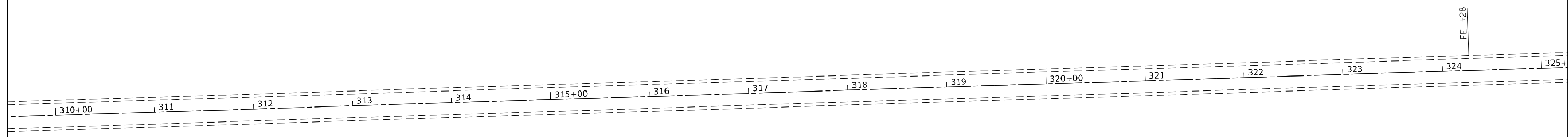
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PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLANS SHEET  
 STATION 280 + 00 TO STATION 310 + 00**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	35
			CONTRACT NO. 74963	
		ILLINOIS	FED. AID PROJECT	



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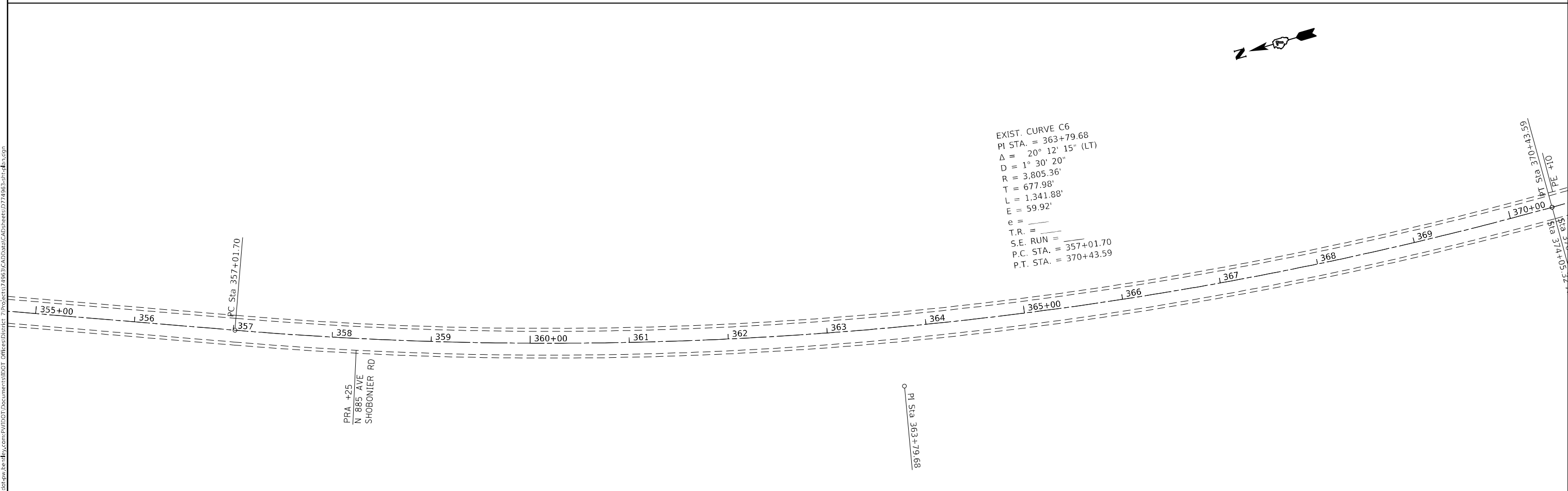
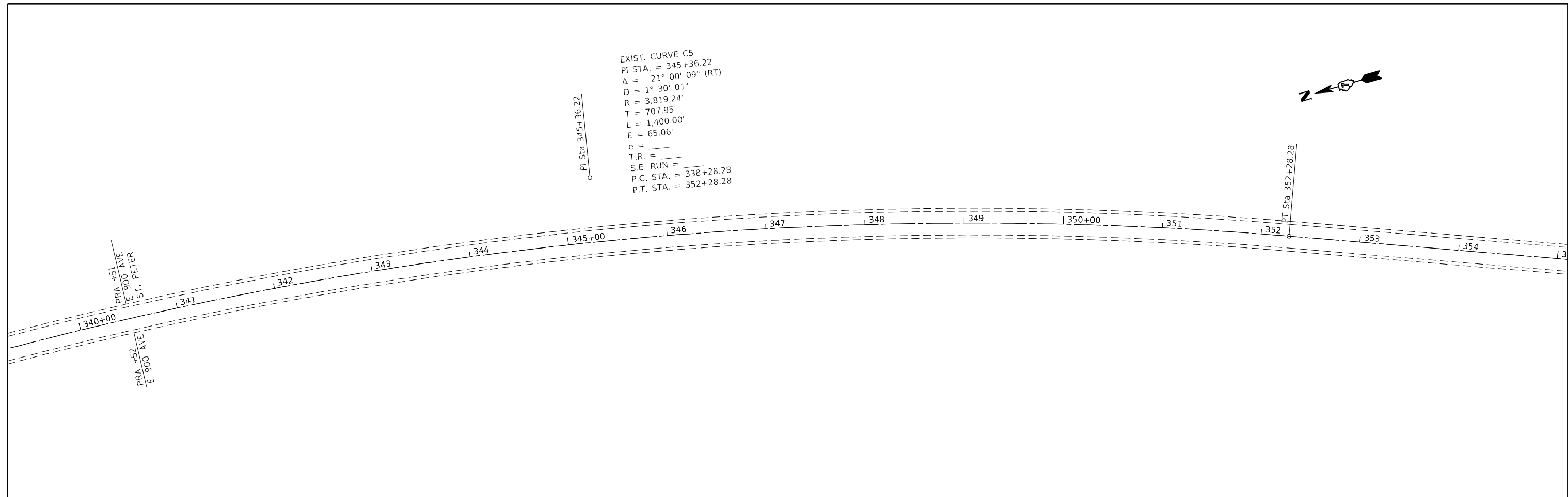
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PLANS SHEET</b>			
<b>STATION 310+00 TO STATION 340+00</b>			
SCALE:	SHEET 1	OF 1	SHEETS
	STA.	TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	36
			CONTRACT NO. 74963	
		ILLINOIS	FED. AID PROJECT	

MODEL: Default  
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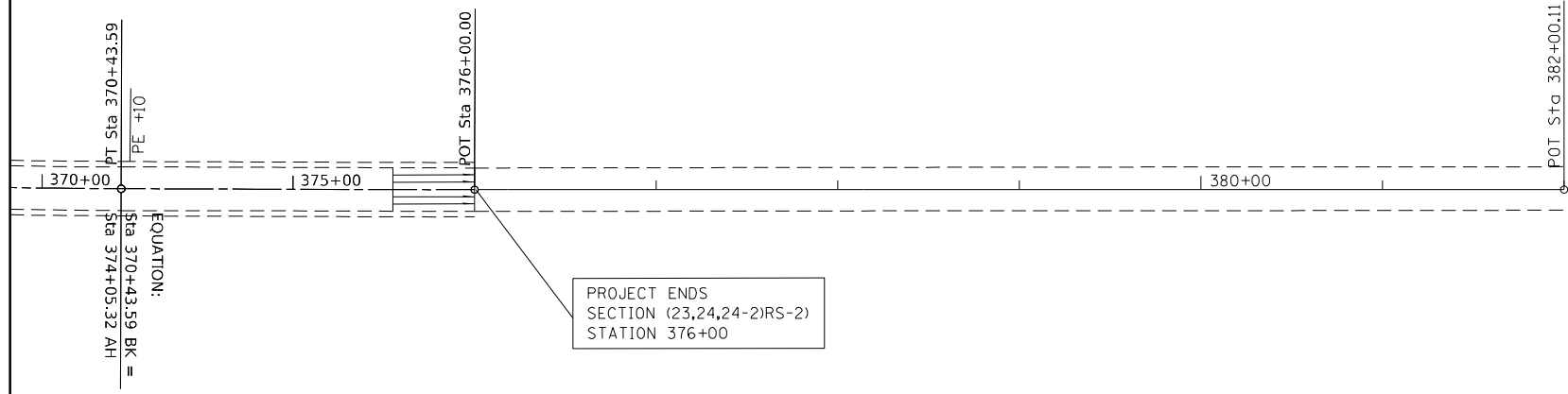
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DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLANS SHEET**  
**STATION 340+00 TO STATION 370+00**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	37
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74963	



NOTE: SEE SHEET 47 FOR DETAILS

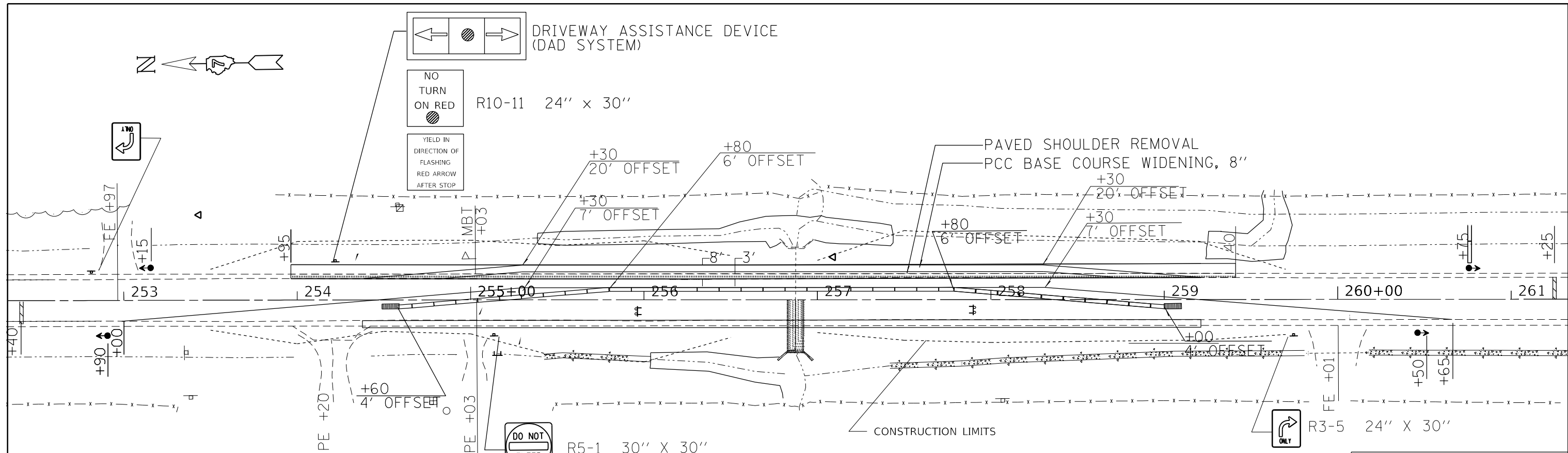
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USER NAME = stefnmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLANS SHEET</b>			
<b>STATION 370 + 00 TO STATION 382 + 00</b>			
SCALE:	SHEET 1	OF 1	SHEETS
	STA.	TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	38
			CONTRACT NO. 74963	
		ILLINOIS	FED. AID PROJECT	



### STAGE 1

SEE STANDARD 701321 FOR ADDITIONAL DETAILS

STATIONING	SIDE	LENGTH FEET	WIDTH FEET	SHLD PAVED SHOULDER REMOVAL	SQ YD
FROM TO					
STAGE 1					
253+95	259+40 LEFT	545	3		182
STAGE II					
254+38	259+20 RIGHT	482	3		161
				TOTAL =	342

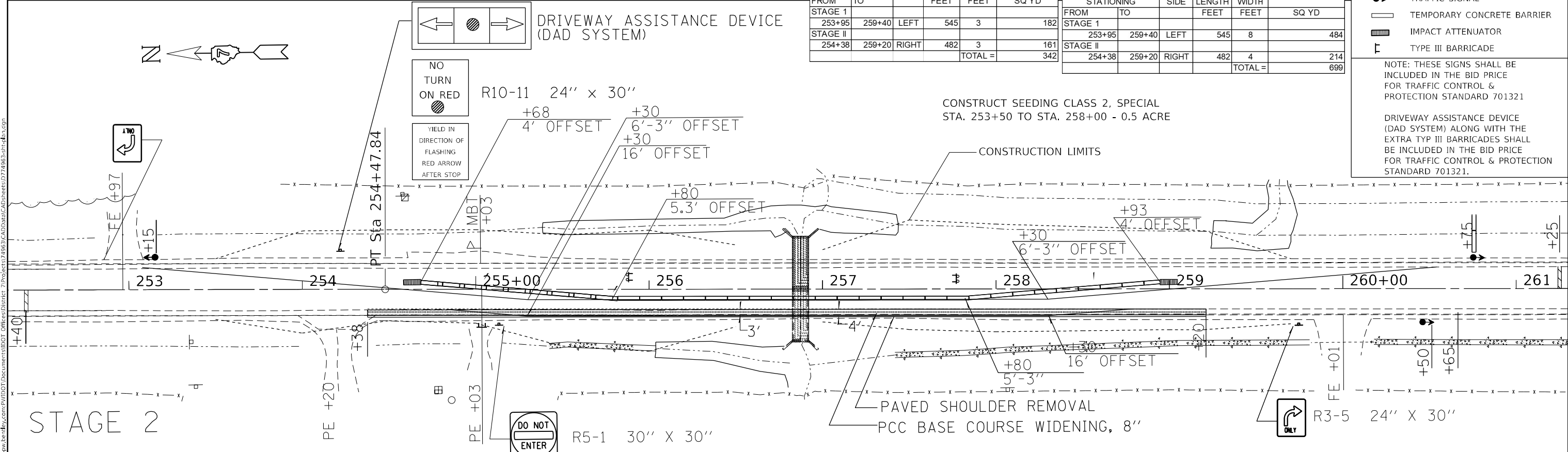
STATIONING	SIDE	LENGTH FEET	WIDTH FEET	SHLD PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD
FROM TO					
STAGE 1					
253+95	259+40 LEFT	545	8		484
STAGE II					
254+38	259+20 RIGHT	482	4		214
				TOTAL =	698

**SYMBOLS**

- WORK AREA
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TRAFFIC SIGNAL
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR
- TYPE III BARRICADE

NOTE: THESE SIGNS SHALL BE INCLUDED IN THE BID PRICE FOR TRAFFIC CONTROL & PROTECTION STANDARD 701321

DRIVEWAY ASSISTANCE DEVICE (DAD SYSTEM) ALONG WITH THE EXTRA TYP III BARRICADES SHALL BE INCLUDED IN THE BID PRICE FOR TRAFFIC CONTROL & PROTECTION STANDARD 701321.



### STAGE 2

SEE STANDARD 701321 FOR ADDITIONAL DETAILS

USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL STATION 256 + 87.3  
CULVERT REMOVAL & REPLACEMENT STAGING**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(23,24,24-2)RS-2	FAYETTE	61	39
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

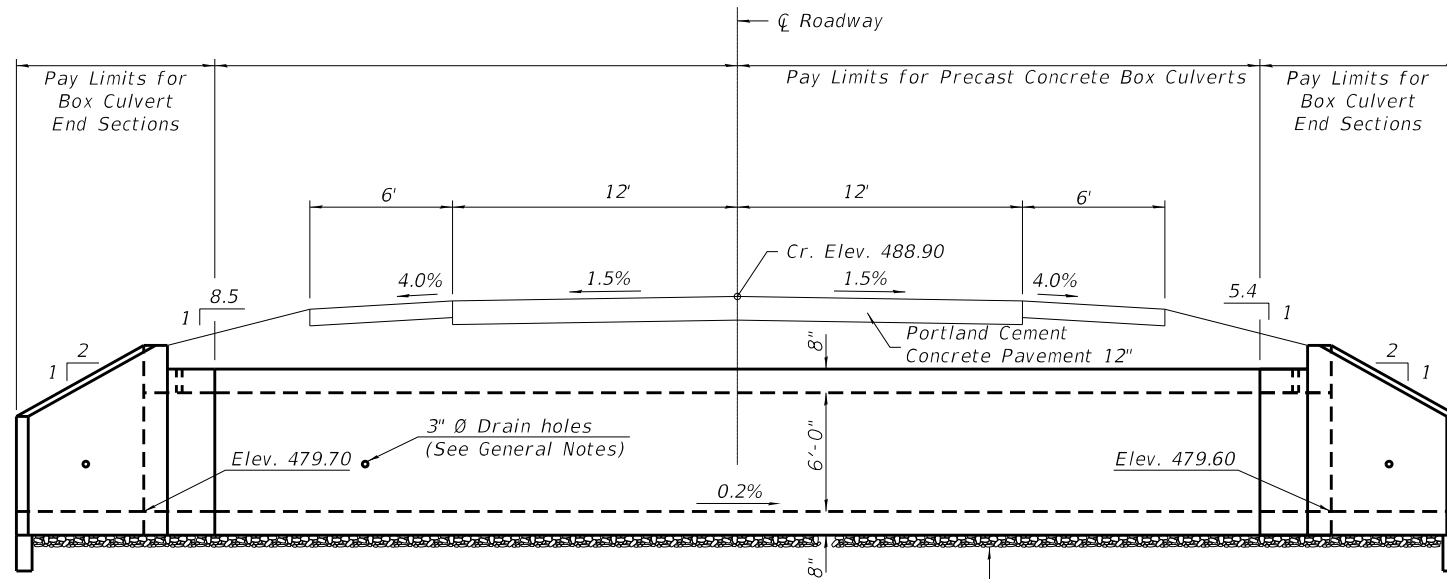
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\*FAP 322 & FAP 752

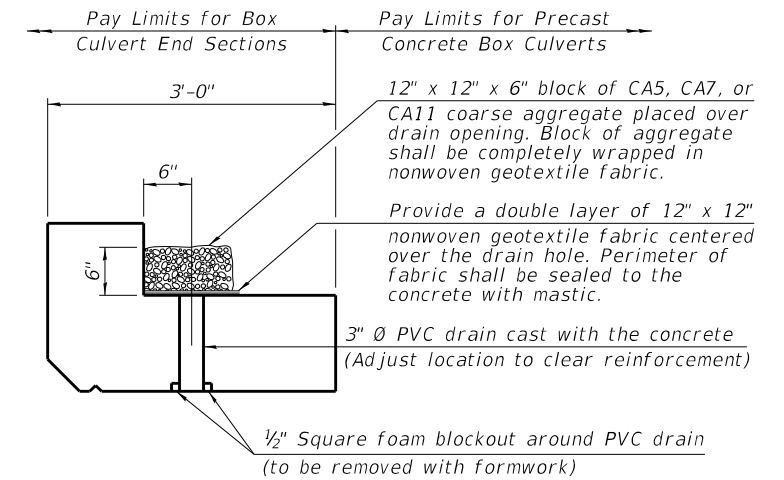
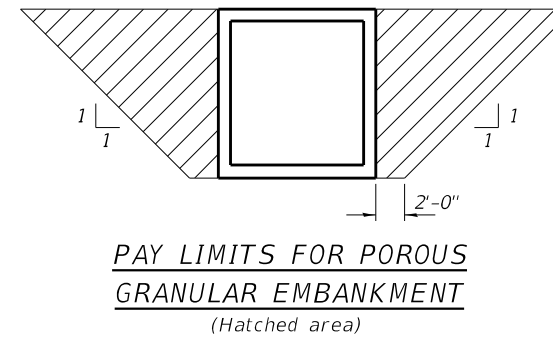
Benchmark: BM - Chisled Square in North corner East Headwall 026-8648  
 Sta. 256+87.3, 30.5' LT, ELEV. = 488.207  
 Existing Structure: Structure 026-8648 is a Single Cell, Reinforced  
 Concrete Box Culvert with Span = 8' and Rise = 6'.

**GENERAL NOTES**

The design fill height for this box is 19 inches. The precast box culvert sections shall conform to the requirements of ASTM C 1577.  
 Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.  
 Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.  
 Precast concrete box culverts and box culvert end sections shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.



**ELEVATION**  
Looking South

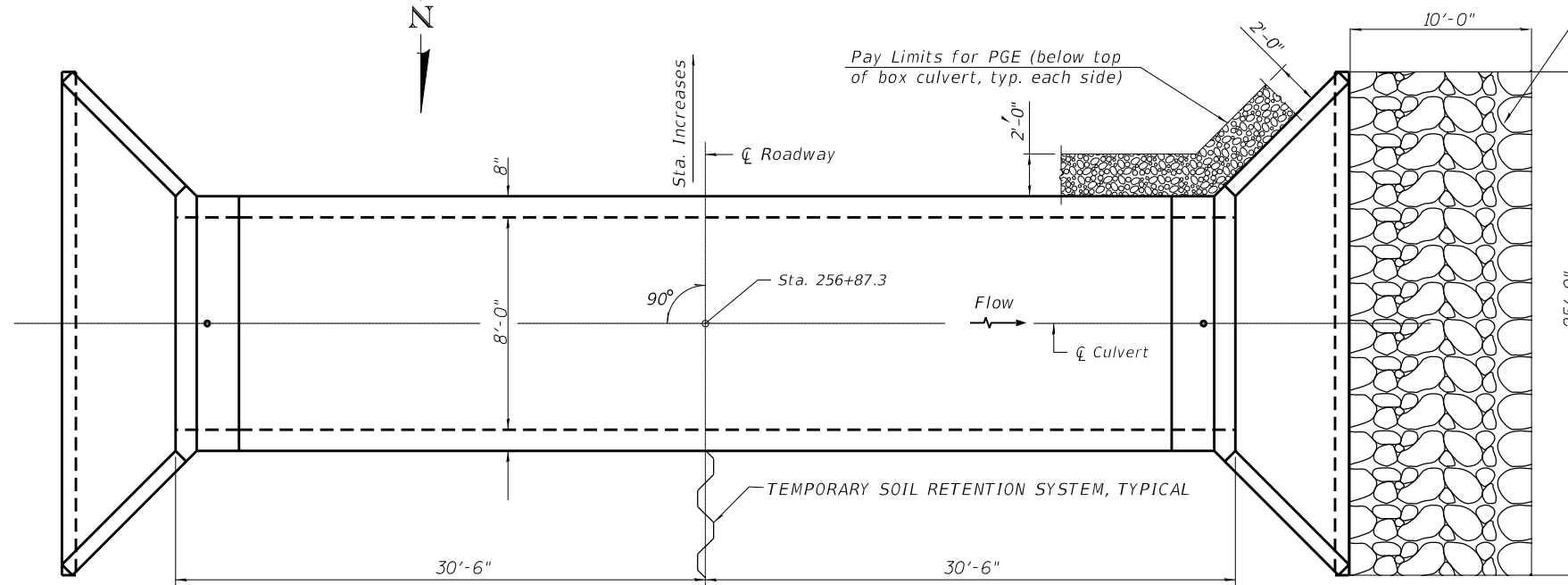


**DRAIN DETAIL**

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

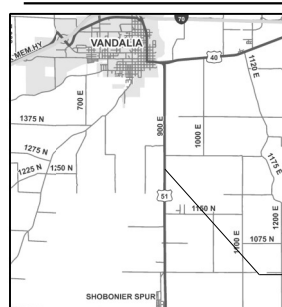
**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Removal of Existing Structures	Each	1
Box Culvert End Sections, Culvert No. 1	Each	2
Precast Concrete Box Culverts, 8' x 6'	Foot	55
Porous Granular Embankment	Cu. Yd.	276.4
Stone RipRap, Class A4	Sq. Yd.	56
Filter Fabric	Sq. Yd.	56
Geocomposite Wall Drain	Sq. Yd.	70.0
Membrane Waterproofing System for Buried Structures	Sq. Yd.	70.0
Temporary Soil Retention System	Sq. Ft.	360
Removal and Disposal of Unsuitable Materials	Cu. Yd.	54.2
Rock Fill - Replacement	Cu. Yd.	52.0



**PLAN**

**LOCATION SKETCH**



**DESIGN SPECIFICATIONS**

2020 AASHTO LRFD Bridge Design Specifications  
 Customary U.S. Units, 9th Edition

**LOADING HL-93**

**DESIGN STRESSES**

**PRECAST UNITS**

f'c = 5,000 psi  
 fy = 65,000 psi (Welded Wire Reinforcement)

**GENERAL PLAN AND ELEVATION**  
**SINGLE 8' X 6' PRECAST BOX CULVERT**  
**F.A.P. RTE. 322 SEC. (23,24,24-2)RS-2**

**FAYETTE COUNTY**  
**STATION 256+87.3**  
**S.N. 026-8663**

SCB-GPE  
 7-23-2021

USER NAME = SUSERS	DESIGNED -	REVISED -
PLOT SCALE = 5/8" = 1'	DRAWN -	REVISED -
PLOT DATE = 5/24/21	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

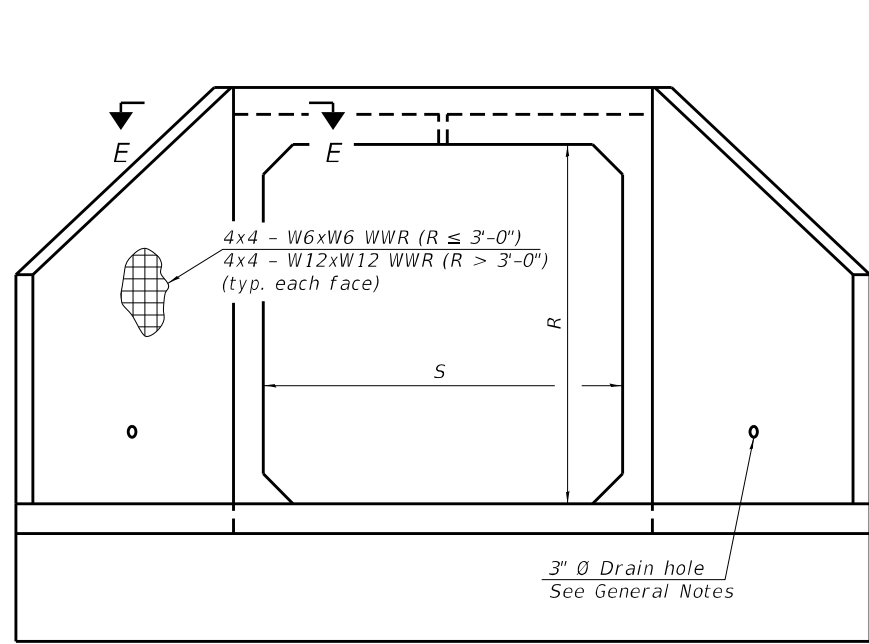
**PRECAST CONCRETE BOX CULVERT**  
**STRUCTURE NO. 026-8663**

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

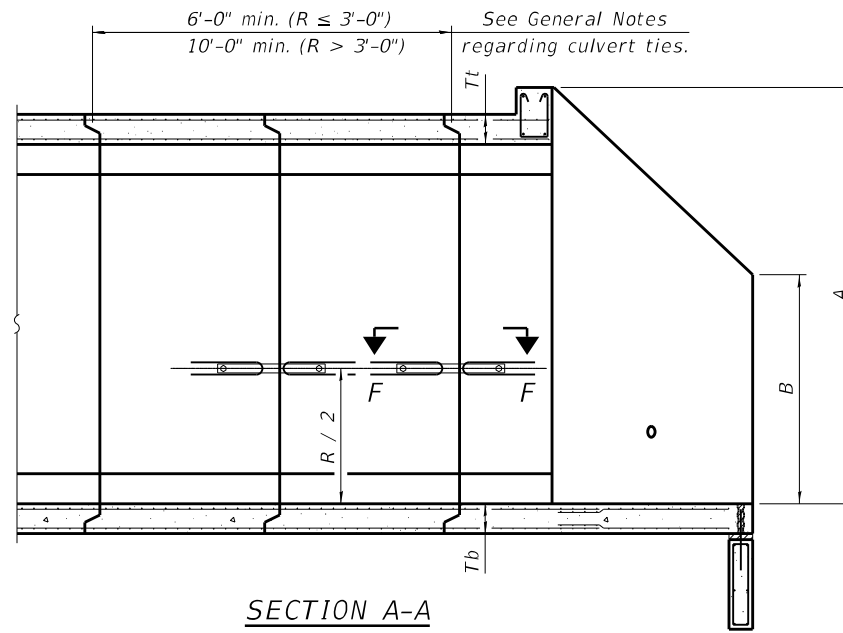
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(23,24,24-2)RS-2	FAYETTE	61	40
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

\* FAP 322, FAP 752





END VIEW



SECTION A-A

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.

The Contractor may furnish the end section as a single precast concrete piece or construct the end section in the field using cast-in-place (CIP) construction. For CIP construction, the bottom slab thickness shall be increased by 2" and the clear cover to the bottom mat of reinforcement shall be increased to 3".

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

The number of culvert ties shall be sufficient to engage the minimum length of culvert barrel shown within the pay limits for Precast Concrete Box Culverts and will be dependent upon the length of box culvert segments furnished by the Contractor. Culvert ties are not required for box culverts having a rise (R) less than or equal to 3 ft and a span (S) greater than or equal to 10 ft.

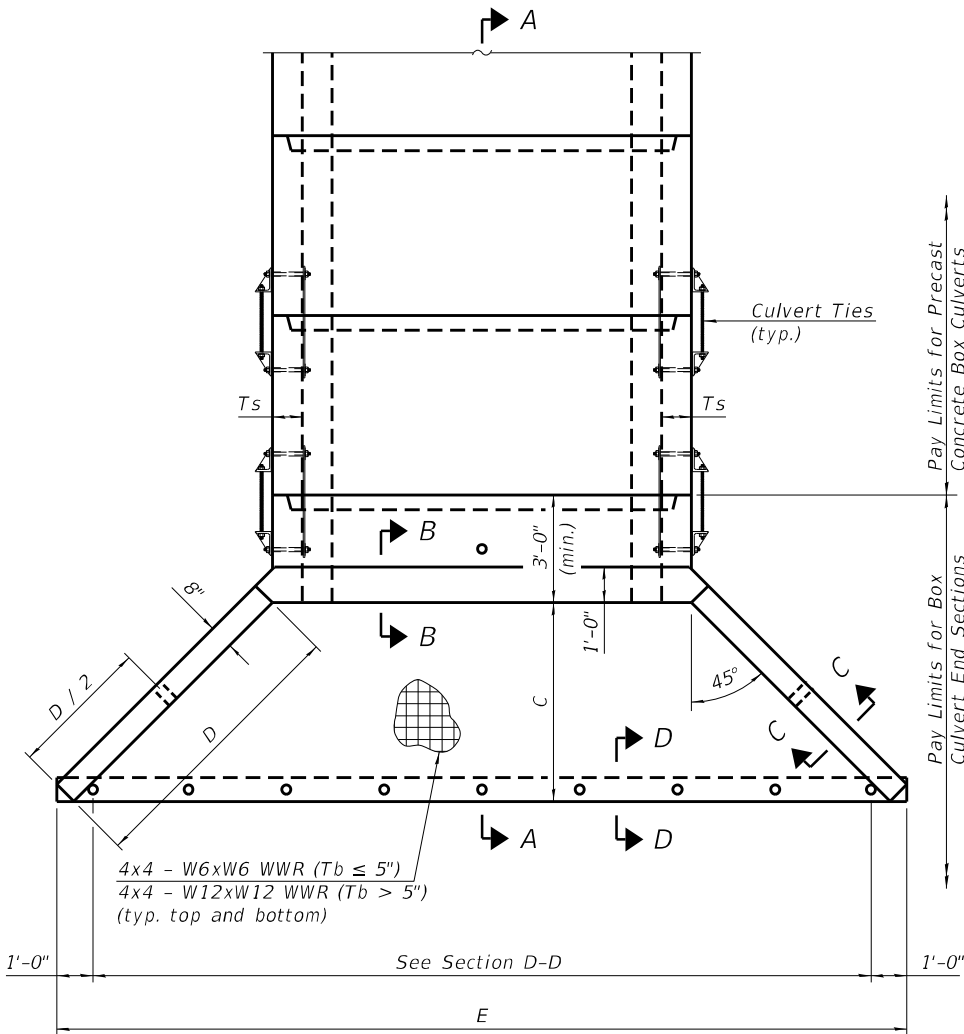
All costs associated with furnishing and installing or constructing the toewall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the culvert number specified.

Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the end of the reinforcement not less than 1/2" nor more than 2". For the precast option, it shall be the Contractor's responsibility for determining a method of handling and a construction procedure shall be included on the shop drawings. The Contractor shall determine and detail in the shop drawings any necessary strengthening or stiffening provisions necessary to handle the precast segment. Any required modifications shall be at no extra charge.

The Contractor may use reinforcement bars in lieu of welded wire reinforcement (WWR). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWR. Minimum lap lengths detailed herein are applicable to WWR and reinforcement bars.

Reinforcement (circumferential and longitudinal) in the culvert barrel portion of the end section being lapped with reinforcement from the wingwalls or bottom slab of the end section shall not be less than that required by ASTM C 1577 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within the lower 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.



PLAN

SCB-AES

2-17-2017

APRON END SECTION DIMENSIONS

Span (S)	Rise (R)	Tt	Tb	Ts	A	B	C	D	E	Concrete Cu. Yd.	Culvert Ties Required
3'-0"	2'-0"	7"	6"	4"	3'-4"	2'-2"	2'-10 <sup>5</sup> / <sub>8</sub> "	4'-1"	10'-4 <sup>5</sup> / <sub>8</sub> "	2.8	Yes
3'-0"	2'-0"	4"	4"	4"	3'-1"	2'-1"	2'-7 <sup>7</sup> / <sub>8</sub> "	3'-9"	9'-11"	2.3	Yes
3'-0"	3'-0"	7"	6"	4"	4'-4"	2'-8"	3'-10 <sup>5</sup> / <sub>8</sub> "	5'-6"	12'-4 <sup>5</sup> / <sub>8</sub> "	3.7	Yes
3'-0"	3'-0"	4"	4"	4"	4'-1"	2'-7"	3'-7 <sup>7</sup> / <sub>8</sub> "	5'-2"	11'-11"	3.1	Yes
4'-0"	2'-0"	7.5"	6"	5"	3'-4 <sup>1</sup> / <sub>2</sub> "	2'-2 <sup>1</sup> / <sub>2</sub> "	2'-11 <sup>3</sup> / <sub>8</sub> "	4'-2"	11'-8"	3.3	Yes
4'-0"	2'-0"	5"	5"	5"	3'-2"	2'-1"	2'-8 <sup>1</sup> / <sub>2</sub> "	3'-10"	11'-2 <sup>3</sup> / <sub>8</sub> "	2.8	Yes
4'-0"	3'-0"	7.5"	6"	5"	4'-4 <sup>1</sup> / <sub>2</sub> "	2'-8 <sup>1</sup> / <sub>2</sub> "	3'-11 <sup>3</sup> / <sub>8</sub> "	5'-7"	13'-8 <sup>1</sup> / <sub>8</sub> "	4.2	Yes
4'-0"	3'-0"	5"	5"	5"	4'-2"	2'-7"	3'-8 <sup>1</sup> / <sub>2</sub> "	5'-3"	13'-2 <sup>3</sup> / <sub>8</sub> "	3.7	Yes
4'-0"	4'-0"	7.5"	6"	5"	5'-4 <sup>1</sup> / <sub>2</sub> "	3'-2 <sup>1</sup> / <sub>2</sub> "	4'-11 <sup>3</sup> / <sub>8</sub> "	7'-0"	15'-8 <sup>1</sup> / <sub>8</sub> "	5.3	Yes
4'-0"	4'-0"	5"	5"	5"	5'-2"	3'-1"	4'-8 <sup>5</sup> / <sub>8</sub> "	6'-8"	15'-2 <sup>1</sup> / <sub>2</sub> "	4.7	Yes
5'-0"	2'-0"	8"	7"	6"	3'-5"	2'-3"	2'-11 <sup>3</sup> / <sub>8</sub> "	4'-2"	12'-10"	3.9	Yes
5'-0"	2'-0"	6"	6"	6"	3'-3"	2'-2"	2'-10"	4'-0"	12'-7 <sup>1</sup> / <sub>4</sub> "	3.5	Yes
5'-0"	3'-0"	8"	7"	6"	4'-5"	2'-9"	3'-11 <sup>3</sup> / <sub>8</sub> "	5'-7"	14'-10 <sup>1</sup> / <sub>8</sub> "	4.9	Yes
5'-0"	3'-0"	6"	6"	6"	4'-3"	2'-8"	3'-10"	5'-5"	14'-7 <sup>1</sup> / <sub>4</sub> "	4.5	Yes
5'-0"	4'-0"	8"	7"	6"	5'-5"	3'-3"	4'-11 <sup>3</sup> / <sub>8</sub> "	7'-0"	16'-10 <sup>1</sup> / <sub>8</sub> "	6.1	Yes
5'-0"	4'-0"	6"	6"	6"	5'-3"	3'-2"	4'-9 <sup>1</sup> / <sub>4</sub> "	6'-9"	16'-5 <sup>5</sup> / <sub>8</sub> "	5.5	Yes
5'-0"	5'-0"	8"	7"	6"	6'-5"	3'-9"	5'-11 <sup>3</sup> / <sub>8</sub> "	8'-5"	18'-10 <sup>1</sup> / <sub>8</sub> "	7.4	Yes
5'-0"	5'-0"	6"	6"	6"	6'-3"	3'-8"	5'-9 <sup>1</sup> / <sub>4</sub> "	8'-2"	18'-5 <sup>5</sup> / <sub>8</sub> "	6.8	Yes
6'-0"	2'-0"	8"	7"	7"	3'-5"	2'-3"	2'-11 <sup>3</sup> / <sub>8</sub> "	4'-2"	14'-0"	4.3	Yes
6'-0"	2'-0"	7"	7"	7"	3'-4"	2'-2"	2'-10 <sup>5</sup> / <sub>8</sub> "	4'-1"	13'-10 <sup>5</sup> / <sub>8</sub> "	4.2	Yes
6'-0"	3'-0"	8"	7"	7"	4'-5"	2'-9"	3'-11 <sup>3</sup> / <sub>8</sub> "	5'-7"	16'-0 <sup>5</sup> / <sub>8</sub> "	5.4	Yes
6'-0"	3'-0"	7"	7"	7"	4'-4"	2'-8"	3'-10 <sup>5</sup> / <sub>8</sub> "	5'-6"	15'-10 <sup>5</sup> / <sub>8</sub> "	5.2	Yes
6'-0"	4'-0"	8"	7"	7"	5'-5"	3'-3"	4'-11 <sup>3</sup> / <sub>8</sub> "	7'-0"	18'-0 <sup>5</sup> / <sub>8</sub> "	6.5	Yes
6'-0"	4'-0"	7"	7"	7"	5'-4"	3'-2"	4'-10 <sup>3</sup> / <sub>4</sub> "	6'-11"	17'-10 <sup>3</sup> / <sub>4</sub> "	6.5	Yes
6'-0"	5'-0"	8"	7"	7"	6'-5"	3'-9"	5'-11 <sup>3</sup> / <sub>8</sub> "	8'-5"	20'-0 <sup>5</sup> / <sub>8</sub> "	8.0	Yes
6'-0"	5'-0"	7"	7"	7"	6'-4"	3'-8"	5'-10 <sup>3</sup> / <sub>4</sub> "	8'-4"	19'-10 <sup>3</sup> / <sub>4</sub> "	7.8	Yes
6'-0"	6'-0"	8"	7"	7"	7'-5"	4'-3"	6'-11 <sup>1</sup> / <sub>2</sub> "	9'-10"	22'-0 <sup>1</sup> / <sub>4</sub> "	9.5	Yes
6'-0"	6'-0"	7"	7"	7"	7'-4"	4'-2"	6'-10 <sup>3</sup> / <sub>4</sub> "	9'-9"	21'-10 <sup>3</sup> / <sub>4</sub> "	9.3	Yes
7'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 <sup>3</sup> / <sub>8</sub> "	4'-2"	15'-2"	4.9	Yes
7'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 <sup>3</sup> / <sub>8</sub> "	5'-7"	17'-2 <sup>3</sup> / <sub>8</sub> "	6.1	Yes
7'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 <sup>3</sup> / <sub>8</sub> "	7'-0"	19'-2 <sup>3</sup> / <sub>8</sub> "	7.4	Yes
7'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 <sup>3</sup> / <sub>8</sub> "	8'-5"	21'-2 <sup>3</sup> / <sub>8</sub> "	8.9	Yes
7'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 <sup>1</sup> / <sub>2</sub> "	9'-10"	23'-2 <sup>1</sup> / <sub>4</sub> "	10.6	Yes
8'-0"	2'-0"	8"	8"	8"	3'-5"	2'-3"	2'-11 <sup>3</sup> / <sub>8</sub> "	4'-2"	16'-2"	5.3	Yes
8'-0"	3'-0"	8"	8"	8"	4'-5"	2'-9"	3'-11 <sup>3</sup> / <sub>8</sub> "	5'-7"	18'-2 <sup>3</sup> / <sub>8</sub> "	6.5	Yes
8'-0"	4'-0"	8"	8"	8"	5'-5"	3'-3"	4'-11 <sup>3</sup> / <sub>8</sub> "	7'-0"	20'-2 <sup>3</sup> / <sub>8</sub> "	7.8	Yes
8'-0"	5'-0"	8"	8"	8"	6'-5"	3'-9"	5'-11 <sup>3</sup> / <sub>8</sub> "	8'-5"	22'-2 <sup>3</sup> / <sub>8</sub> "	9.3	Yes
8'-0"	6'-0"	8"	8"	8"	7'-5"	4'-3"	6'-11 <sup>1</sup> / <sub>2</sub> "	9'-10"	24'-2 <sup>1</sup> / <sub>4</sub> "	11.0	Yes
9'-0"	2'-0"	9"	9"	9"	3'-6"	2'-3"	3'-0 <sup>3</sup> / <sub>4</sub> "	4'-4"	17'-6 <sup>3</sup> / <sub>8</sub> "	6.2	Yes
9'-0"	3'-0"	9"	9"	9"	4'-6"	2'-9"	4'-0 <sup>3</sup> / <sub>4</sub> "	5'-9"	19'-6 <sup>3</sup> / <sub>8</sub> "	7.5	Yes
9'-0"	4'-0"	9"	9"	9"	5'-6"	3'-3"	5'-0 <sup>3</sup> / <sub>4</sub> "	7'-2"	21'-6 <sup>3</sup> / <sub>8</sub> "	9.0	Yes
9'-0"	5'-0"	9"	9"	9"	6'-6"	3'-9"	6'-0 <sup>3</sup> / <sub>8</sub> "	8'-7"	23'-7"	10.6	Yes
9'-0"	6'-0"	9"	9"	9"	7'-6"	4'-3"	7'-0 <sup>1</sup> / <sub>8</sub> "	9'-11"	25'-5 <sup>5</sup> / <sub>8</sub> "	12.4	Yes
10'-0"	2'-0"	10"	10"	10"	3'-7"	2'-4"	3'-1 <sup>1</sup> / <sub>2</sub> "	4'-5"	18'-10 <sup>1</sup> / <sub>4</sub> "	7.1	No
10'-0"	3'-0"	10"	10"	10"	4'-7"	2'-10"	4'-1 <sup>1</sup> / <sub>2</sub> "	5'-10"	20'-10 <sup>1</sup> / <sub>4</sub> "	8.6	No
10'-0"	4'-0"	10"	10"	10"	5'-7"	3'-4"	5'-1 <sup>1</sup> / <sub>2</sub> "	7'-3"	22'-10 <sup>1</sup> / <sub>4</sub> "	10.2	Yes
10'-0"	5'-0"	10"	10"	10"	6'-7"	3'-10"	6'-1 <sup>1</sup> / <sub>2</sub> "	8'-8"	24'-10 <sup>3</sup> / <sub>8</sub> "	12.0	Yes
10'-0"	6'-0"	10"	10"	10"	7'-7"	4'-4"	7'-1 <sup>1</sup> / <sub>2</sub> "	10'-1"	26'-10 <sup>3</sup> / <sub>8</sub> "	13.9	Yes
11'-0"	2'-0"	11"	11"	11"	3'-8"	2'-4"	3'-2 <sup>3</sup> / <sub>8</sub> "	4'-7"	20'-3 <sup>3</sup> / <sub>8</sub> "	8.2	No
11'-0"	3'-0"	11"	11"	11"	4'-8"	2'-10"	4'-2 <sup>3</sup> / <sub>8</sub> "	6'-0"	22'-3 <sup>3</sup> / <sub>8</sub> "	9.8	No
11'-0"	4'-0"	11"	11"	11"	5'-8"	3'-4"	5'-2 <sup>3</sup> / <sub>4</sub> "	7'-4"	24'-1 <sup>3</sup> / <sub>4</sub> "	11.5	Yes
11'-0"	5'-0"	11"	11"	11"	6'-8"	3'-10"	6'-2 <sup>3</sup> / <sub>4</sub> "	8'-9"	26'-1 <sup>3</sup> / <sub>4</sub> "	13.3	Yes
11'-0"	6'-0"	11"	11"	11"	7'-8"	4'-4"	7'-2 <sup>3</sup> / <sub>4</sub> "	10'-2"	28'-1 <sup>3</sup> / <sub>8</sub> "	15.5	Yes
12'-0"	2'-0"	12"	12"	12"	3'-9"	2'-5"	3'-3 <sup>5</sup> / <sub>8</sub> "	4'-8"	21'-6 <sup>1</sup> / <sub>2</sub> "	9.3	No
12'-0"	3'-0"	12"	12"	12"	4'-9"	2'-11"	4'-3 <sup>5</sup> / <sub>8</sub> "	6'-1"	23'-6 <sup>1</sup> / <sub>2</sub> "	11.1	No
12'-0"	4'-0"	12"	12"	12"	5'-9"	3'-5"	5'-3 <sup>5</sup> / <sub>8</sub> "	7'-6"	25'-6 <sup>3</sup> / <sub>8</sub> "	13.0	Yes
12'-0"	5'-0"	12"	12"	12"	6'-9"	3'-11"	6'-3 <sup>5</sup> / <sub>8</sub> "	8'-11"	27'-6 <sup>3</sup> / <sub>8</sub> "	14.1	Yes
12'-0"	6'-0"	12"	12"	12"	7'-9"	4'-5"	7'-3 <sup>5</sup> / <sub>8</sub> "	10'-4"	29'-6 <sup>3</sup> / <sub>8</sub> "	17.4	Yes

Note:

Two sets of apron end section dimensions are shown above for some box culvert sizes due to the top and bottom slabs having different thicknesses per ASTM C 1577 for design fill heights less than 2 ft.

(Sheet 1 of 2)

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PROJECT: 1749631-CADD-Data-CAD-sheet-074963-1-1.dwg

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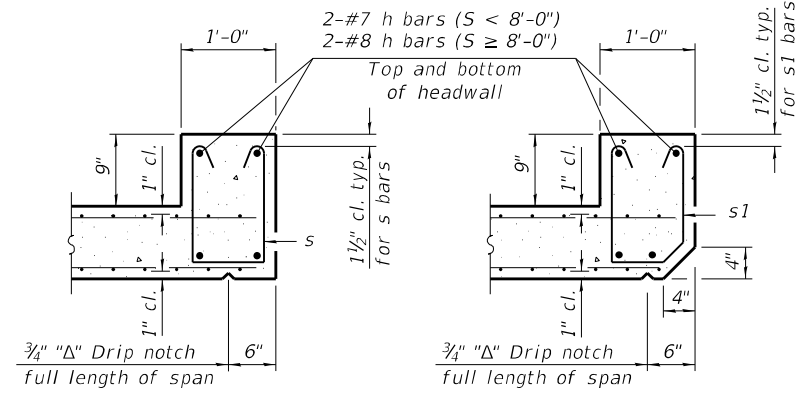
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PRECAST CONCRETE BOX CULVERT APRON END  
SECTION DETAILS - STRUCTURE NO. 026-8663

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(23,24,24-2)RS-2	FAYETTE	61	41
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

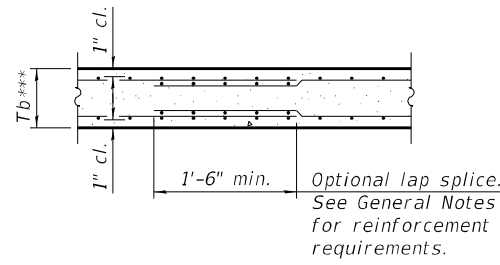
SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

\* FAP 322, FAP 752

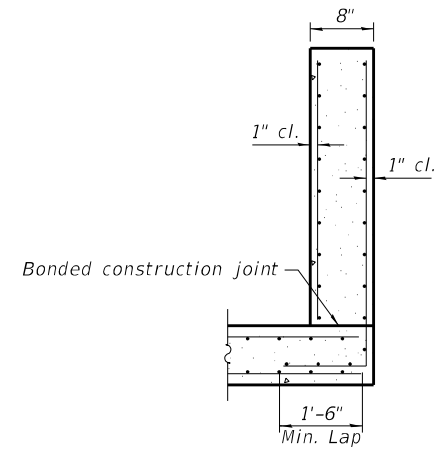


**SECTION B-B**  
(Top slab at downstream end)

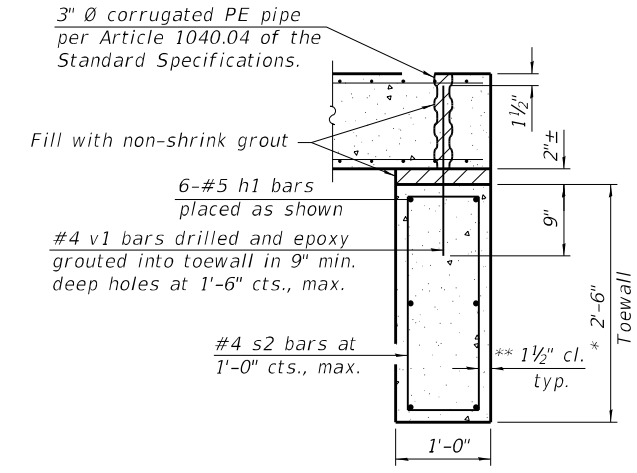
**SECTION B-B**  
(Top slab at upstream end)



**SECTION B-B**  
(Bottom Slab)

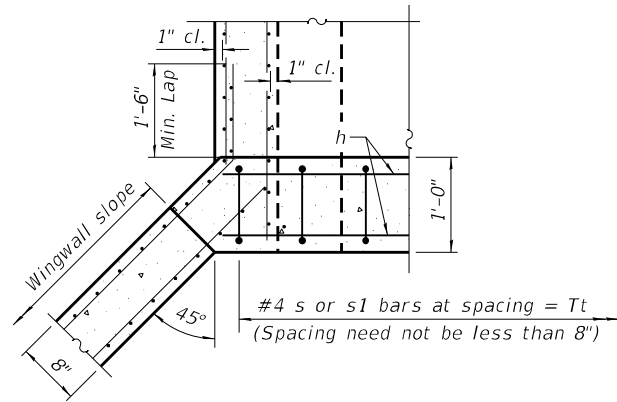


**SECTION C-C**

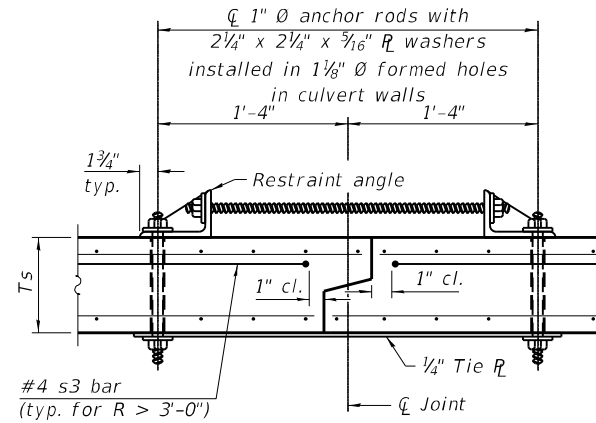


**SECTION D-D**

\*\*\* This dimension shall be increased by 2" for CIP construction.



**SECTION E-E**



**SECTION F-F**  
(Showing culvert tie details)

**TOEWALL CONSTRUCTION SEQUENCE**

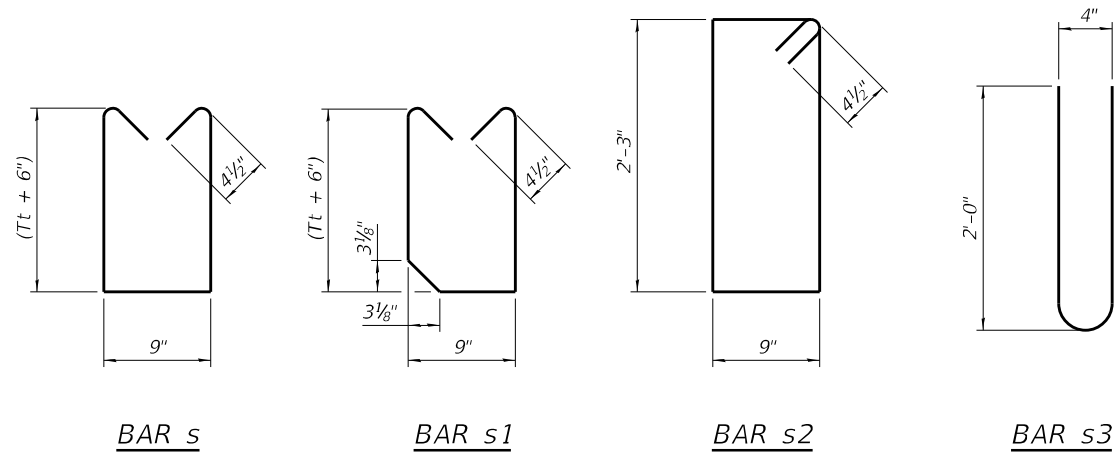
1. Perform excavation and construct toewall.
2. Backfill accordingly and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

\* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

\*\* If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.

**Notes:**

1" diameter anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4 inch x 2 1/4 inch x 3/16 inch plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

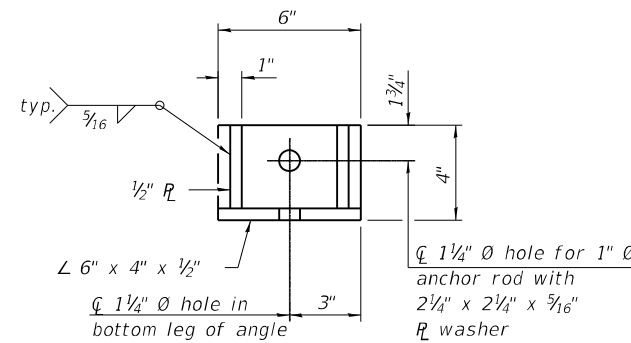


**BAR s**

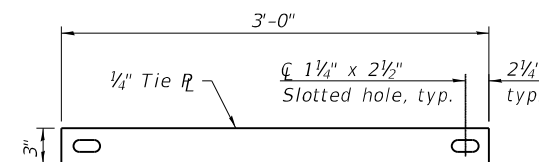
**BAR s1**

**BAR s2**

**BAR s3**



**RESTRAINT ANGLE DETAIL**



**TIE PLATE DETAIL**

SCB-AES

2-17-2017

(Sheet 2 of 2)

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PRECAST CONCRETE BOX CULVERT APRON END  
SECTION DETAILS - STRUCTURE NO. 026-8663**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23,24,24-2)RS-2	FAYETTE	61	42
CONTRACT NO. 74963				

SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT



SOIL BORING LOG

Date 4/15/21

ROUTE FAP 322 (US 51) DESCRIPTION Stream at M.P. 4.62 LOGGED BY E. Sandschafer
SECTION (23,24,24-2)RS-2 LOCATION SEC. 10, TWP. 5N, RNG. 1E, 3rd PM,
Latitude N 38.890322, Longitude W 89.085730
COUNTY Fayette DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto ETR = 91.8% @ 57.4 bpm

Table with columns for SOIL BORING LOG data including elevations, soil descriptions, and test results.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer,
NT-Not Tested.

BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

Date 4/15/21

ROUTE FAP 322 (US 51) DESCRIPTION Stream at M.P. 4.62 LOGGED BY E. Sandschafer
SECTION (23,24,24-2)RS-2 LOCATION SEC. 10, TWP. 5N, RNG. 1E, 3rd PM,
Latitude N 38.890217, Longitude W 89.085850
COUNTY Fayette DRILLING METHOD Hollow stem auger & split spoon HAMMER Auto ETR = 91.8% @ 57.4 bpm

Table with columns for SOIL BORING LOG data including elevations, soil descriptions, and test results.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206), WH-Weight of Hammer,
NT-Not Tested.

BBS, form 137 (Rev. 8-99)

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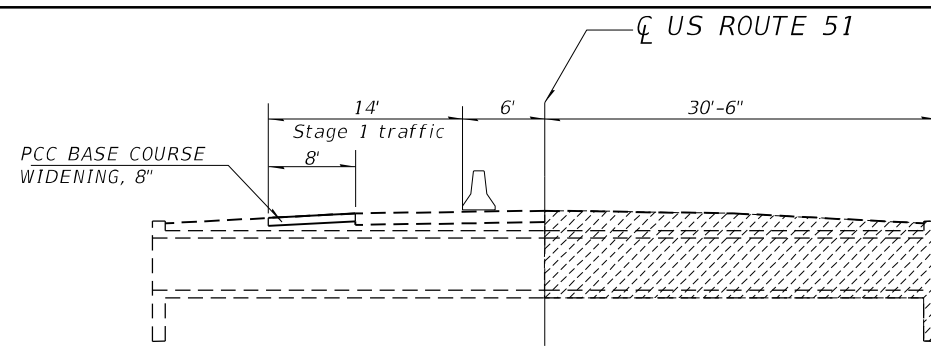
Table with columns for USER NAME, DESIGNED, DRAWN, PLOT SCALE, PLOT DATE, REVISIONS.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

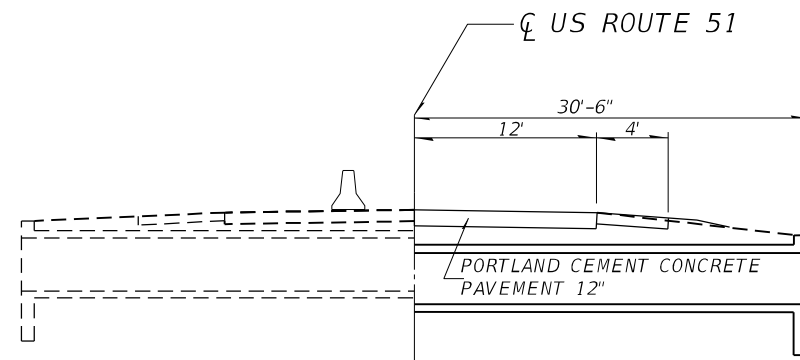
SOIL BORING LOGS STRUCTURE NO. 026-8663

Table with columns for F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.

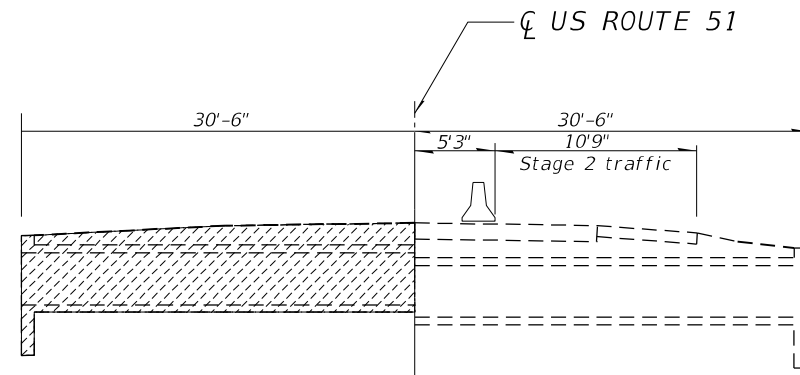
SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.



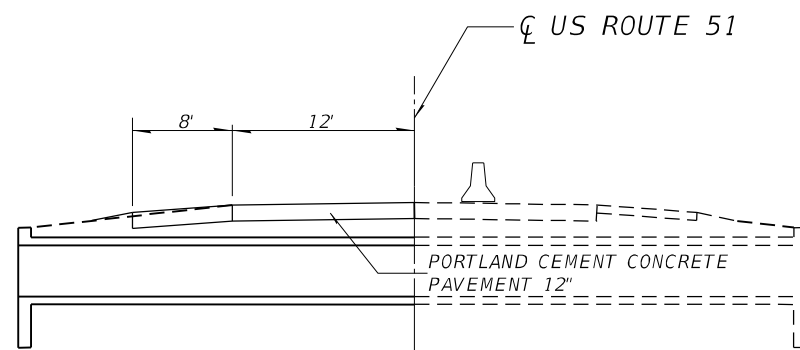
STAGE I REMOVAL



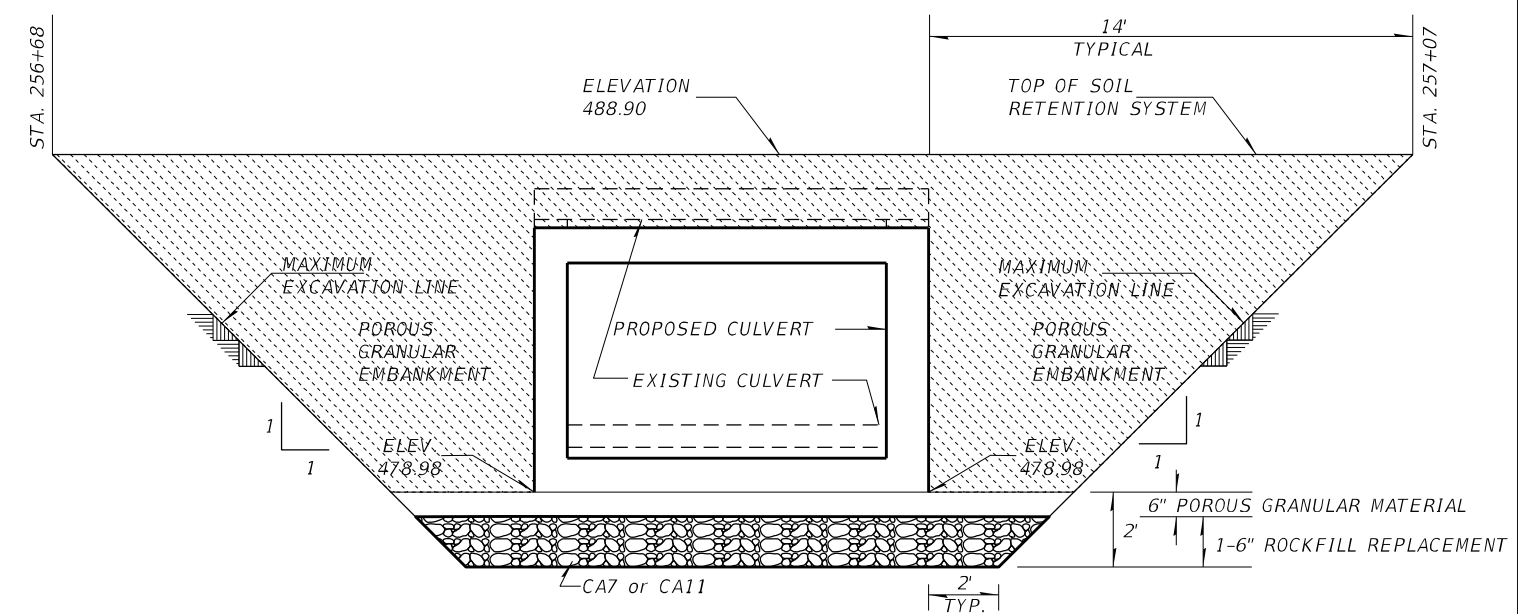
STAGE I CONSTRUCTION



STAGE II REMOVAL



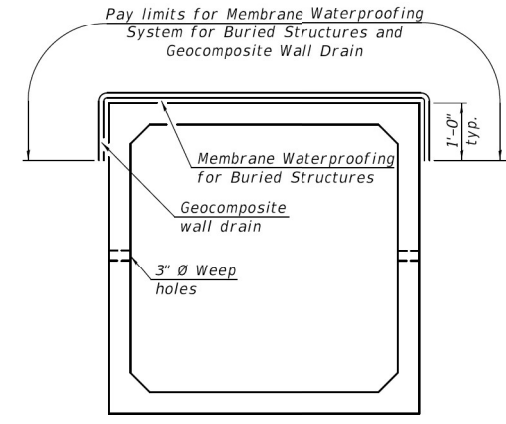
STAGE II CONSTRUCTION



TEMPORARY SOIL RETENTION SYSTEM

A CANTILEVERED SHEET PILING DOES NOT APPEAR FEASIBLE AND ADDITIONAL MEMBERS OR OTHER RETENTION SYSTEMS MAY BE NECESSARY. THE CONTRACTOR SHALL SUBMIT A TEMPORARY SOIL RETENTION SYSTEM DESIGN INCLUDING PLAN DETAILS AND CALCULATIONS FOR REVIEW AND ACCEPTANCE BY THE ENGINEER.

THE REMOVAL OF UNSUITABLE MATERIALS: THE LIMITS AND QUANTITIES OF REMOVAL AND REPLACEMENT SHOWN ARE BASED ON THE BORING DATA AND MAY BE MODIFIED BY THE DISTRICT GEOTECHNICAL ENGINEER AND THE FIELD ENGINEER FOR VARIABLE SUBSURFACE CONDITIONS ENCOUNTERED IN THE FIELD. VERIFY SUBGRADE Q. VALUE AT BOTTOM OF EXCAVATION PRIOR TO THE PLACEMENT OF CA7 OR CA11 MATERIAL.



PRECAST CONCRETE BOX CULVERT

Fill Height ≤ 3 ft.  
For fill heights > 3 ft., omit Membrane Waterproofing System for Buried Structures and Geocomposite Wall Drain.

Note:  
Geocomposite Wall Drain shall be according to Section 591 of the Standard Specifications, except that concrete nails shall not be used in areas where it overlaps Membrane Waterproofing System for Buried Structures.

POROUS GRANULAR EMBANKMENT SHALL EXTEND 2 FT. BEYOND THE AGGREGATE SHOULDER.

THE WORK SHOWN IN THIS DETAIL SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 207 AND ARTICLE 540 OF THE STANDARD SPECIFICATIONS.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD OF POROUS GRANULAR EMBANKMENT.

THE AREA TO BE EXCAVATED FOR THE PROPOSED BOX CULVERT WILL NOT BE MEASURED FOR PAYMENT. THE COST OF THE EXCAVATION SHALL BE INCLUDED IN THE COST OF PRECAST CONCRETE BOX CULVERTS AND PRECAST CONCRETE BOX CULVERT END SECTIONS.

MEMBRANE WATERPROOFING SYSTEM FOR PRECAST CULVERTS

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/6/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY SOIL RETENTION SYSTEM  
MEMBRANE WATERPROOFING SYSTEM FOR PRECAST CULVERTS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(23,24,24-2)RS-2	FAYETTE	61	44
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

\* FAP 322, FAP 752

VANDALIA

US 40 & 51 ILL 185



STA. 142+62.78 U.S. ROUTE 40 =  
STA. 2+11.45 U.S. ROUTE 51

PROJECT ENDS (US 40/ILL 185)  
SECTION (23, 24, 24-2)RS-2  
STATION 149+80

PROJECT BEGINS (US 40/ILL 185)  
SECTION (23, 24, 24-2)RS-2  
STATION 135+57

PROJECT BEGINS (US 51)  
SECTION (23, 24, 24-2)RS-2  
STATION 2+43

KASKASKIA RIVER

-13+43 (END OF THERMO - SWITCH  
TO PAINT PAVEMENT MARKING TO PROJECT END)

**THERMOPLASTIC 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

NOT TO SCALE

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DRAWN -	REVISOR -	
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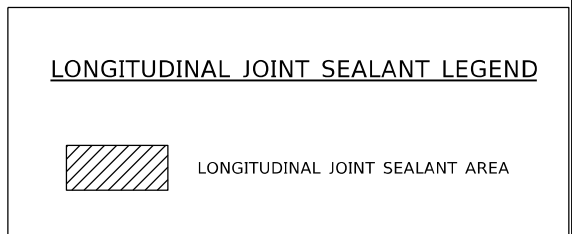
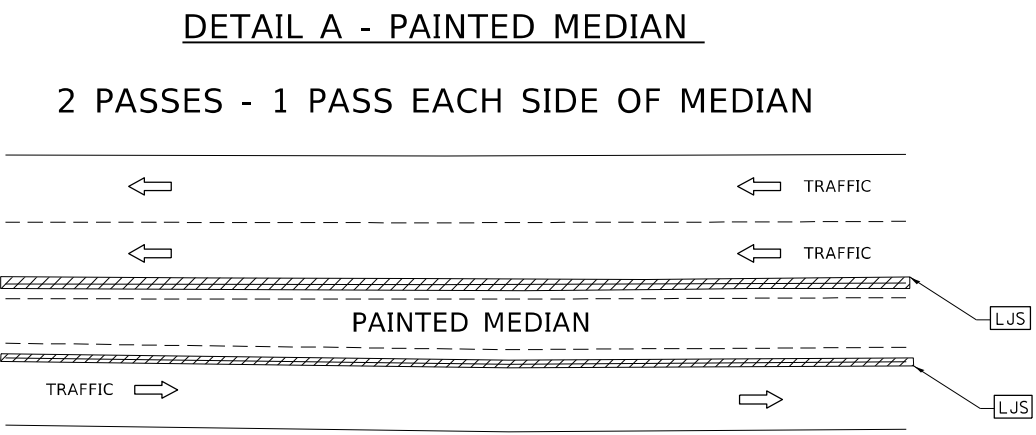
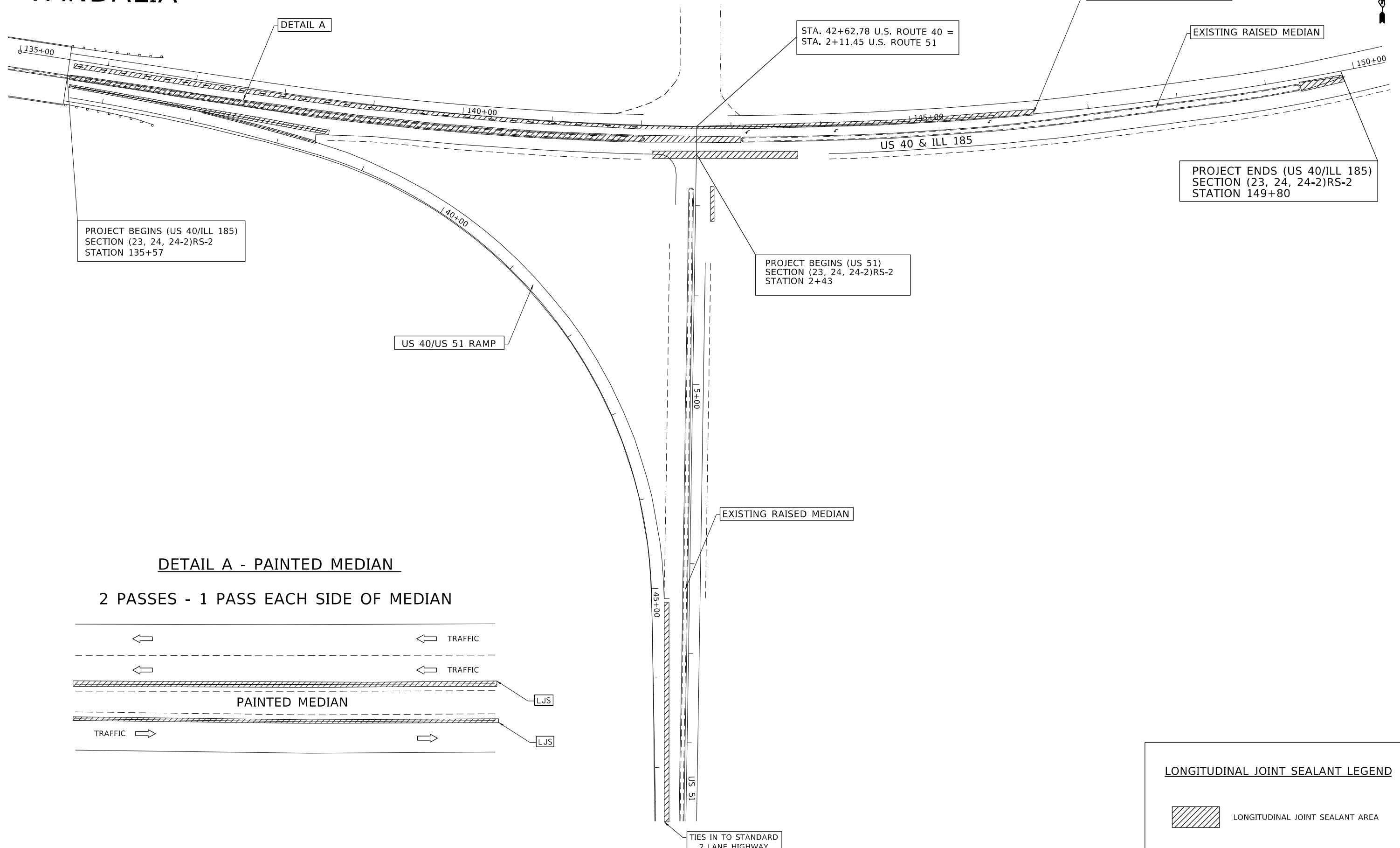
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN SHEET**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(23,24,24-2)RS-2	FAYETTE	61	45
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

# VANDALIA



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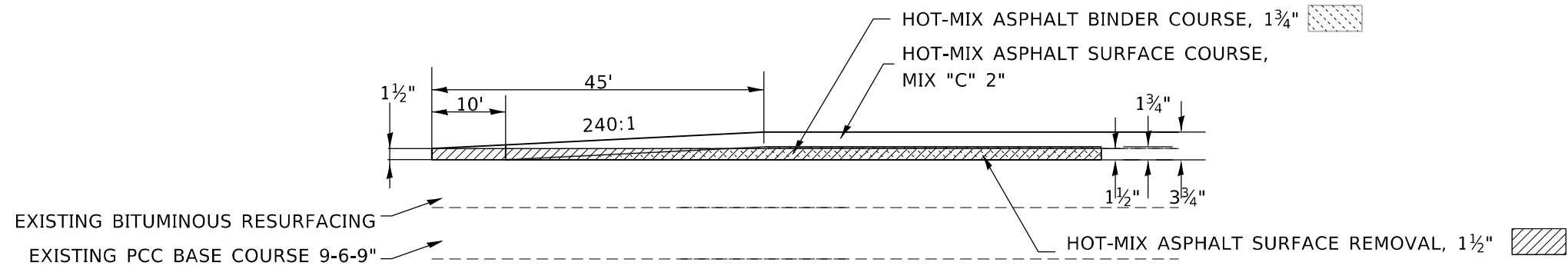
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PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LONGITUDINAL JOINT SEALANT PLAN SHEET**  
 SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

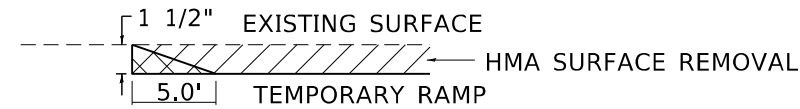
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(23,24,24-2)RS-2	FAYETTE	61	46
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				



**BUTT JOINT DETAIL**

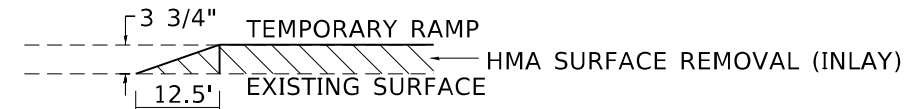
- STA 86+23.00 TO STA 86+68.00
- STA 88+04.00 TO STA 88+49.00
- STA 134+78.24 TO STA 135+23.24
- STA 137+46.98 TO STA 137+91.98
- STA 195+63.71 TO STA 196+08.71
- STA 197+45.29 TO STA 197+90.29
- STA 227+57.00 TO STA 228+02.00
- STA 229+32.00 TO STA 229+77.00
- STA 375+55.00 TO STA 376+00.00



**TEMPORARY RAMP**

US 51:

- STA 86+63.00 TO STA 86+68.00
- STA 88+04.00 TO STA 88+09.00
- STA 135+19.70 TO STA 135+24.70
- STA 137+45.50 TO STA 137+50.50
- STA 196+03.71 TO STA 196+08.71
- STA 197+45.29 TO STA 197+50.29
- STA 227+97.00 TO STA 228+02.00
- STA 229+32.00 TO STA 229+37.00
- STA 375+65.00 TO STA 375+70.00



**TEMPORARY RAMP**

US 40/ILL 185:

- STA 135+57 TO STA 135+69.5
- STA 149+67.5 TO STA 149+80

NOT TO SCALE

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

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVING DETAILS**

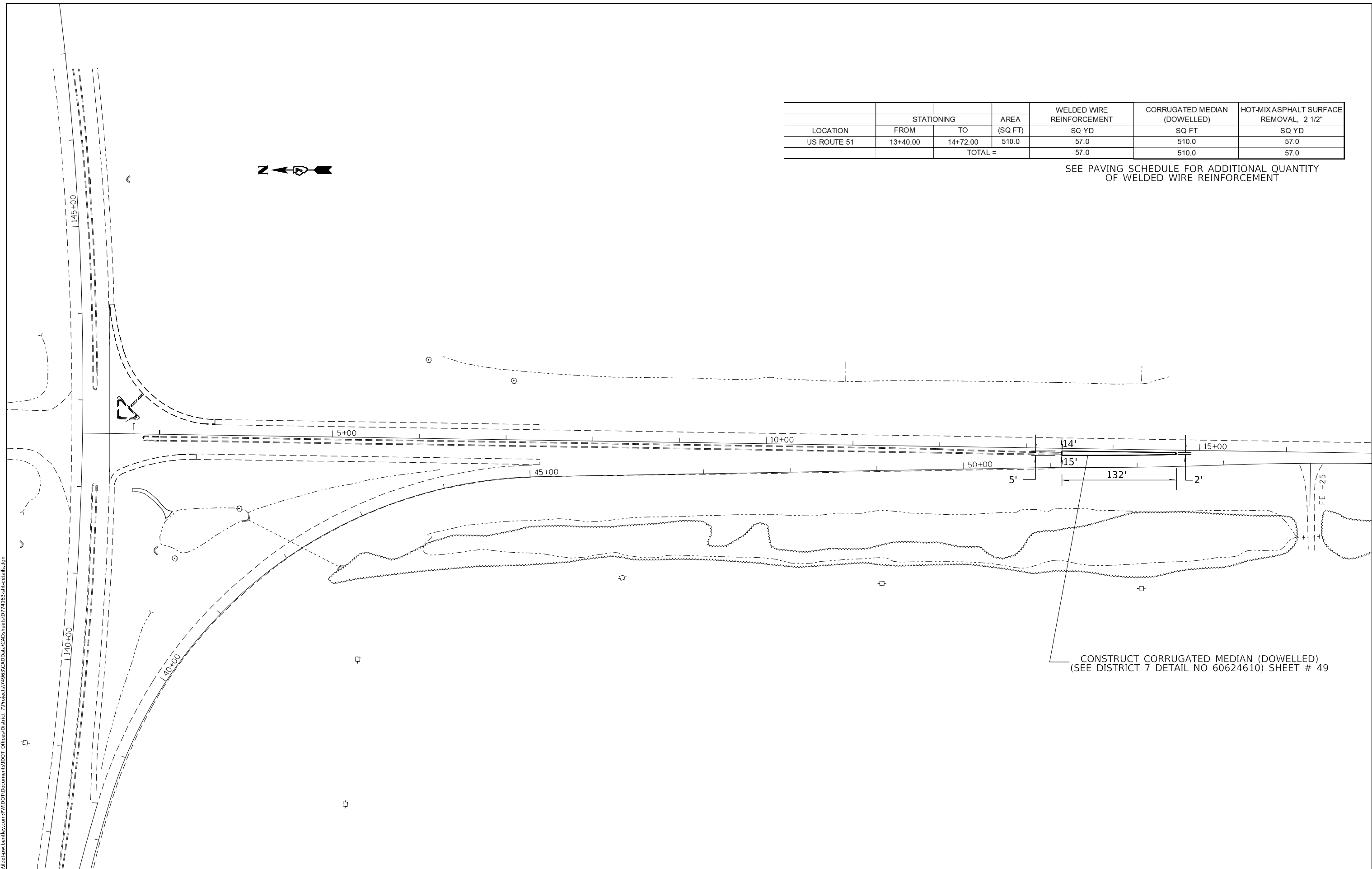
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	47
			CONTRACT NO. 74963	
		ILLINOIS	FED. AID PROJECT	

\* FAP 322, FAP 752

LOCATION	STATIONING		AREA (SQ FT)	WELDED WIRE REINFORCEMENT	CORRUGATED MEDIAN (DOWELLED)	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
	FROM	TO		SQ YD	SQ FT	SQ YD
US ROUTE 51	13+40.00	14+72.00	510.0	57.0	510.0	57.0
	TOTAL =			57.0	510.0	57.0

SEE PAVING SCHEDULE FOR ADDITIONAL QUANTITY OF WELDED WIRE REINFORCEMENT



CONSTRUCT CORRUGATED MEDIAN (DOWELLED)  
(SEE DISTRICT 7 DETAIL NO 60624610) SHEET # 49

MODEL: Default  
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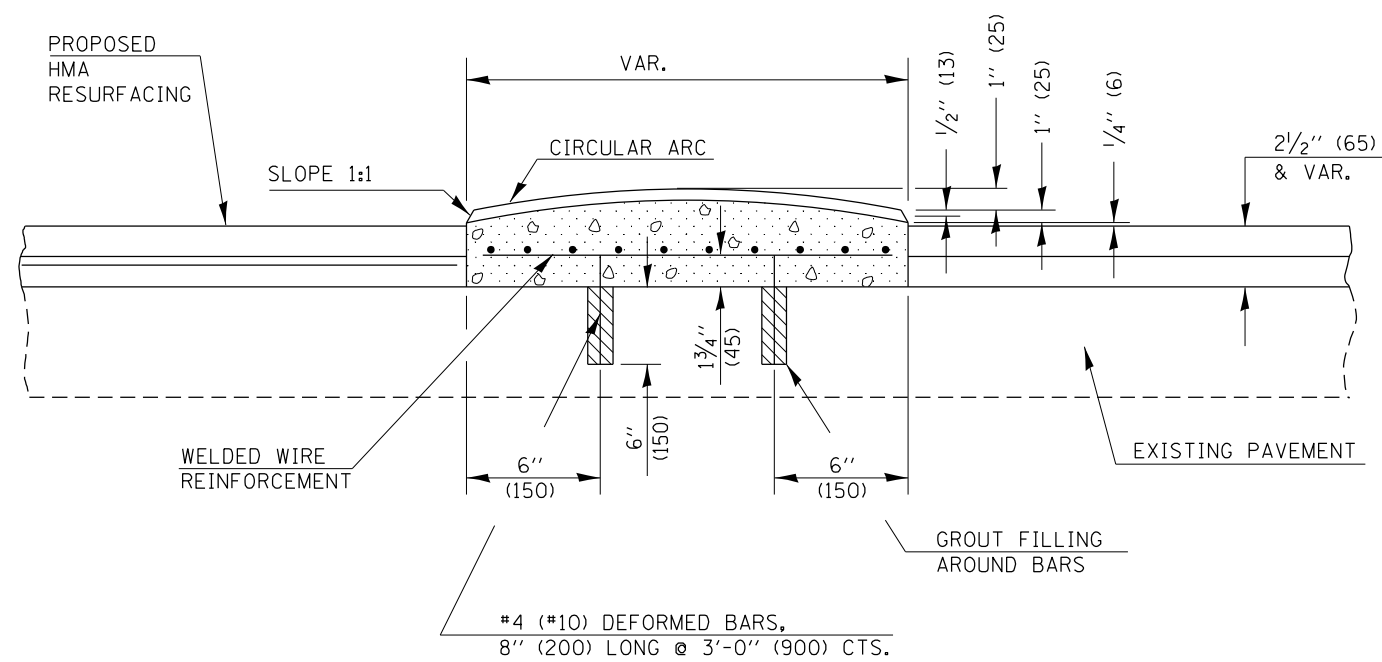
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PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

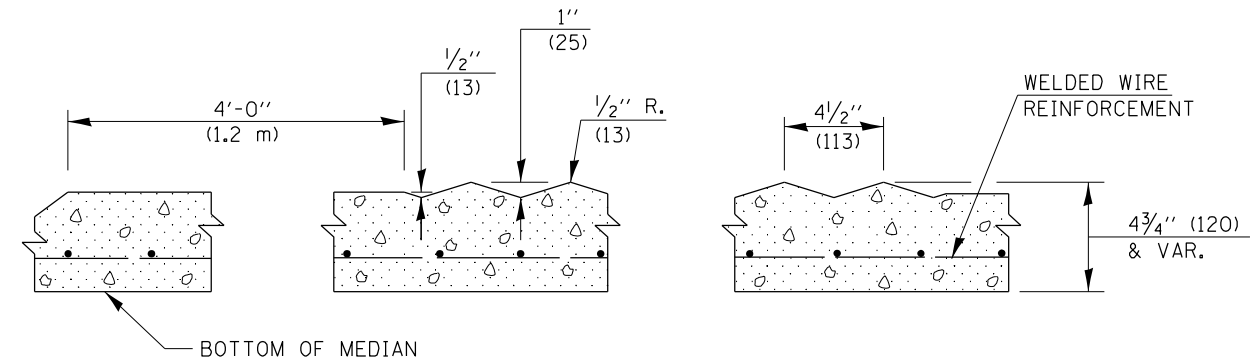
<b>CORRUGATED MEDIAN (DOWELLED)</b>			
<b>US ROUTE 51 STA. 13+40 TO STA. 14+72</b>			
SCALE:	SHEET 3	OF 3	SHEETS
	STA.	TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)RS-2	FAYETTE	61	48
			CONTRACT NO. 74963	
		ILLINOIS	FED. AID PROJECT	





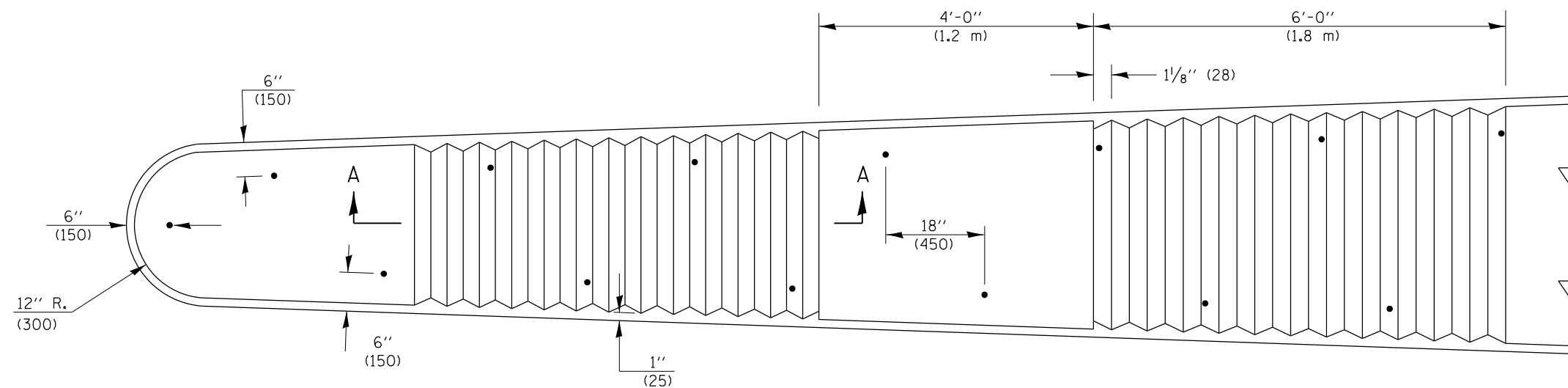
**TRANSVERSE SECTION**



**SECTION A-A**

**GENERAL NOTES**

1. DOWELS AT 3'-0" (900) INTERVALS OR AS DIRECTED BY THE ENGINEER.
2. SEE STANDARD 420701 FOR PAVEMENT WELDED WIRE REINFORCEMENT.



**PLAN**

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

**DISTRICT 7 DETAIL NO. 60624610**

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -
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PLOT DATE = 1/6/2022	DATE -	REVISIONS -	REVISIONS -

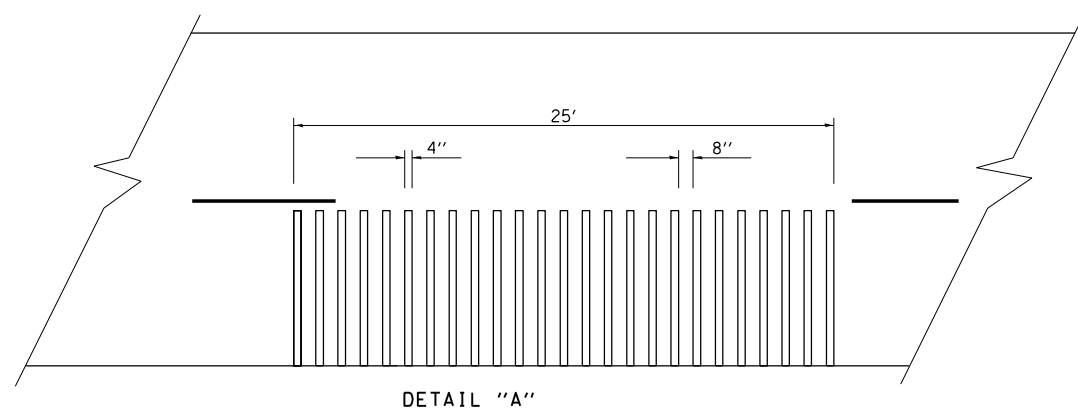
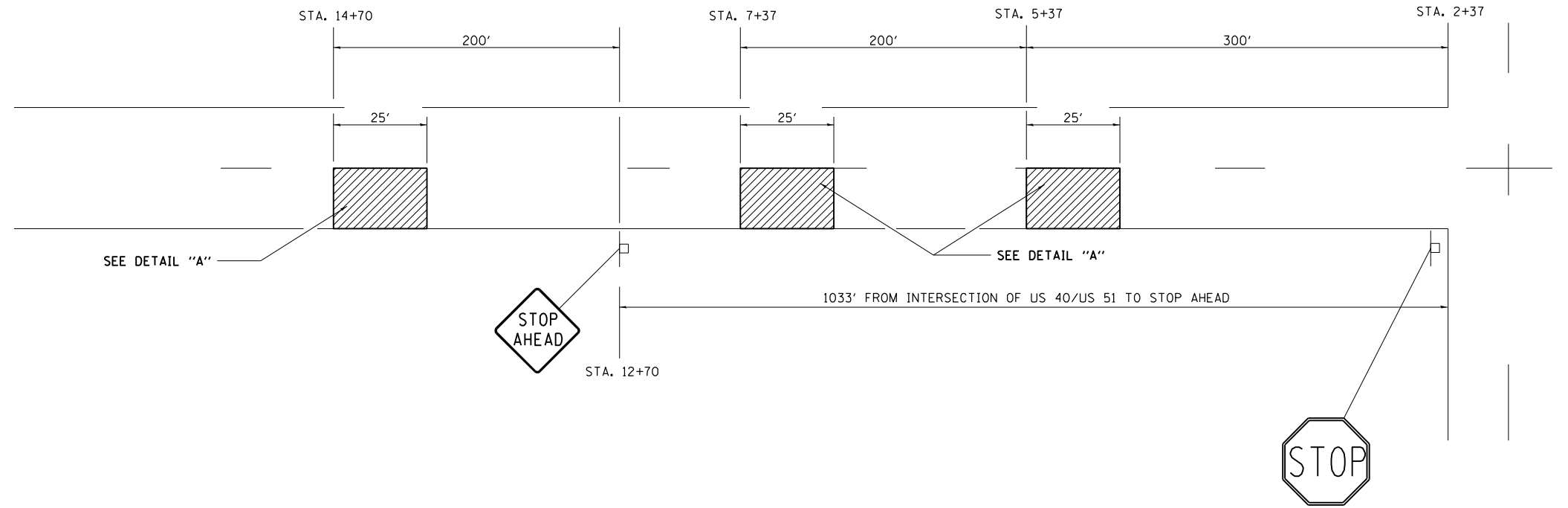
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CORRUGATED MEDIAN (DOWELLED)**

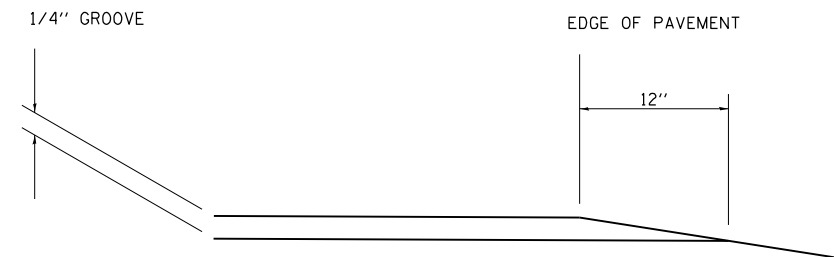
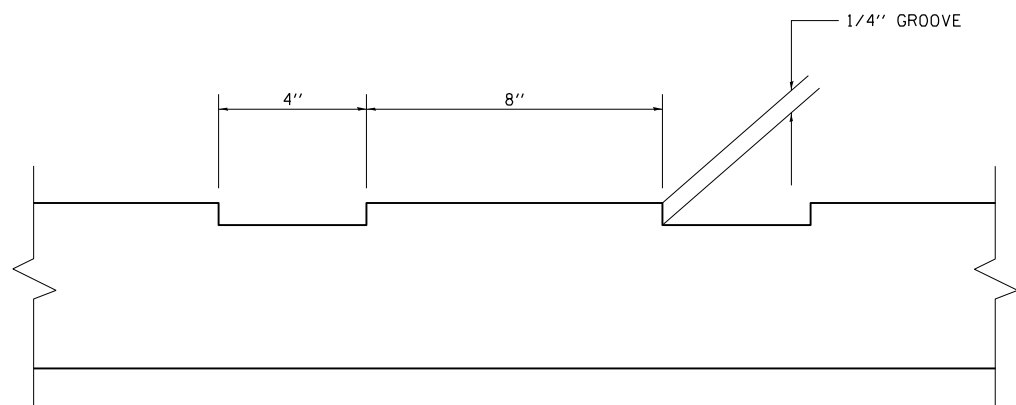
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)R5-2	FAYETTE	61	49
CONTRACT NO. 74963				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# 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  
JOB SPECIFIC DETAIL FOR 74963

**DISTRICT 7 DETAIL NO. Z0055300**

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED - -
p:\1\dot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 7\Projects\74963\CADD\Drawings\Sheets\0774963-sht-details.dgn		CHECKED -	REVISED - -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

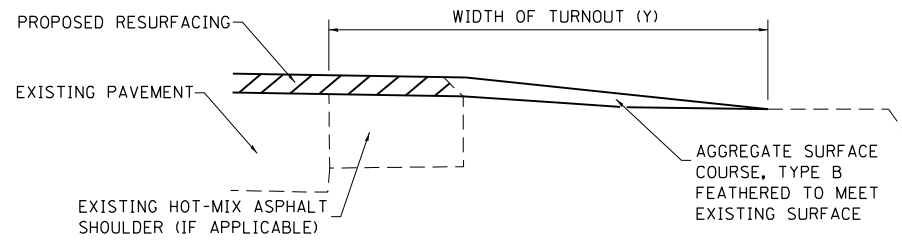
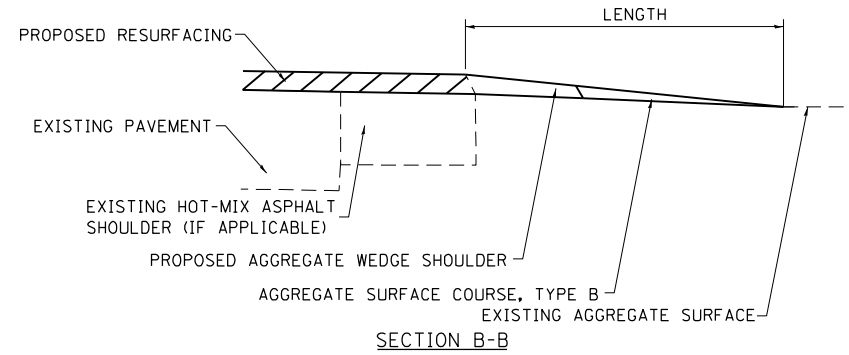
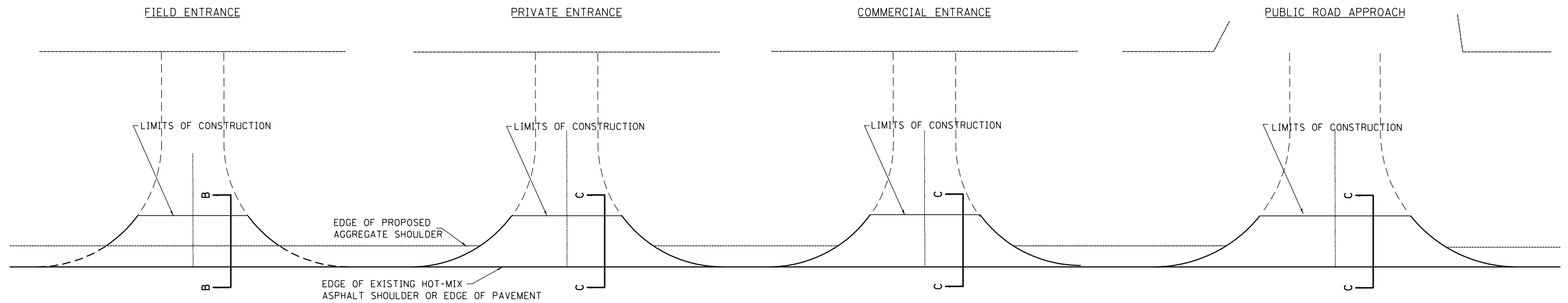
**TYPICAL RUMBLE STRIP APPLICATION**

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(23,24,24-2)R5-2	FAYETTE	61	50
CONTRACT NO. 74963				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

\* FAP 322, FAP 752

# RURAL, EXISTING BITUMINOUS SHOULDER



**TYPICAL SECTION AT MAILBOX TURNOUT**

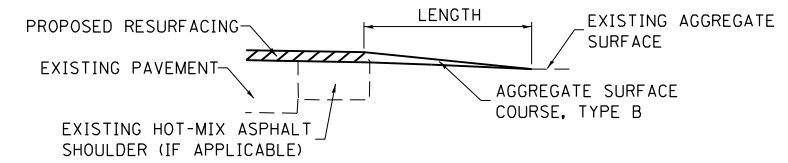
NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS

**NOTES**

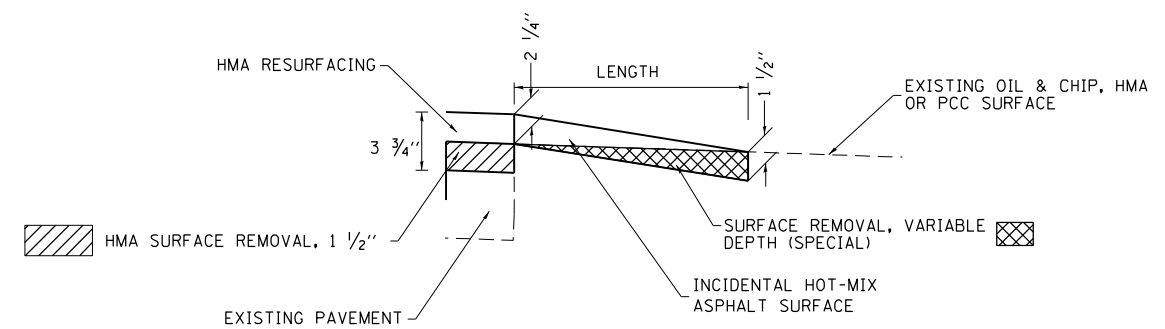
LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS

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

APPLICATION FOR RURAL, EXISTING BITUMINOUS SHOULDER.



**SECTION C-C**



**SECTION C-C**

MODEL: Default  
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 PROJECT: 74963\CD\Drawings\DOT Office\Drawings\74963\rs-aggregate.dwg  
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

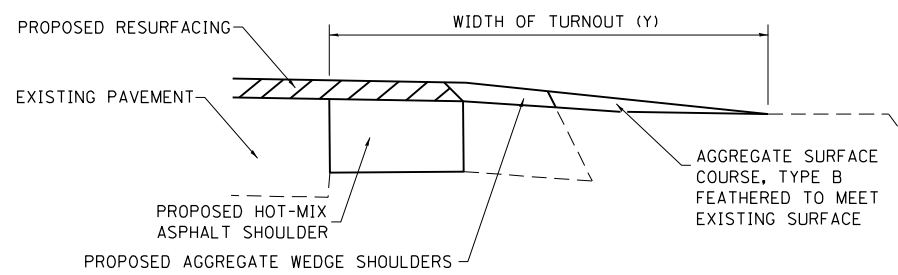
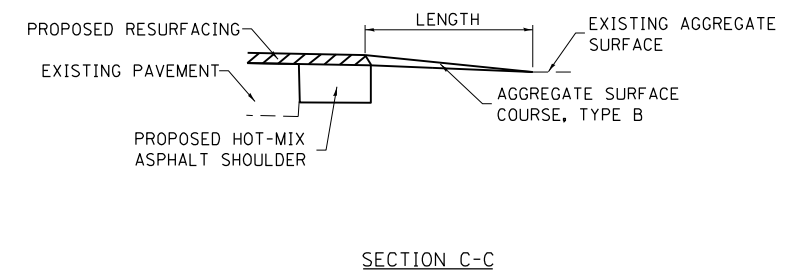
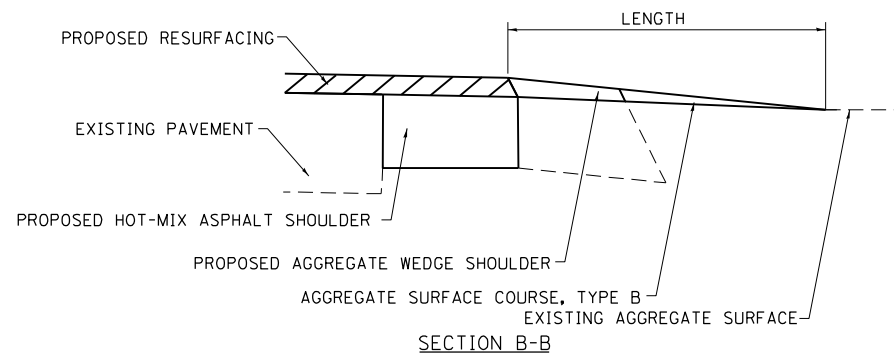
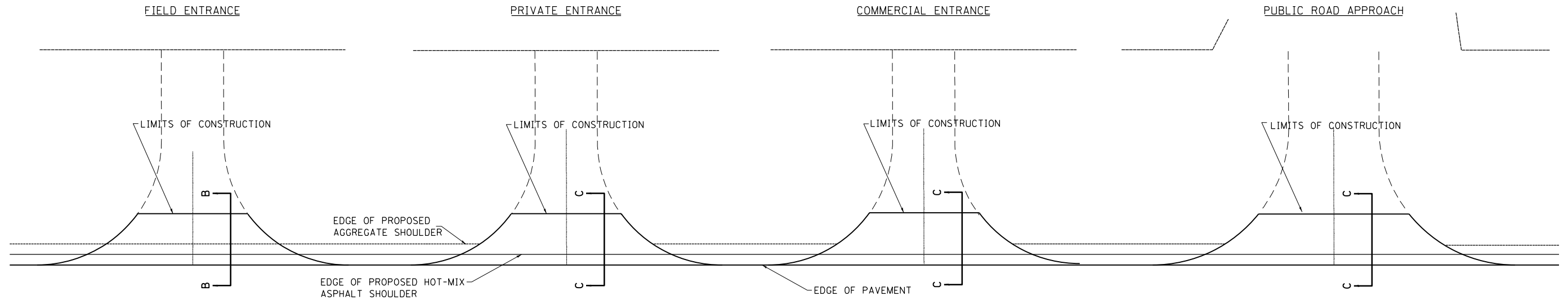
**RURAL ENTRANCE AND MAILBOX TURNOUT DETAILS  
WITH SHOULDERS**

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

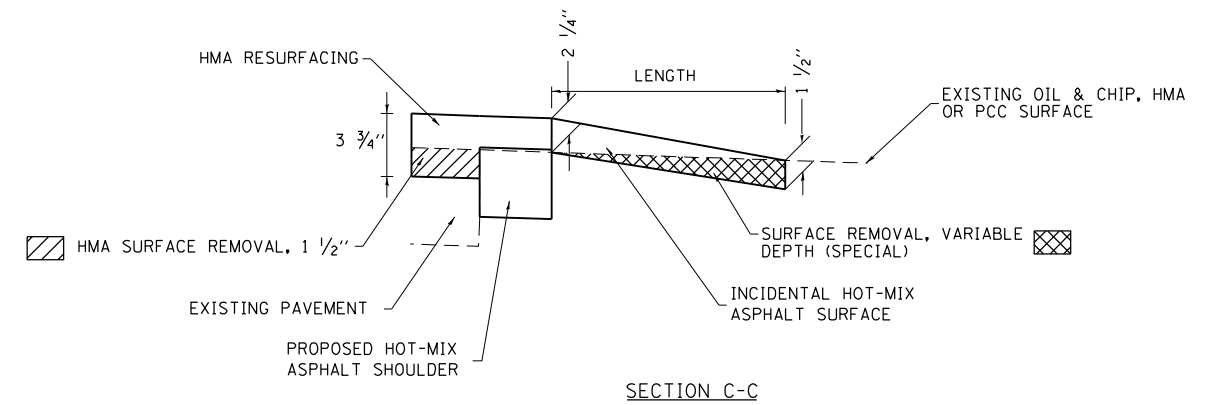
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23,24,24-2)RS-2	FAYETTE	61	51
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

\* FAP 322, FAP 752

# RURAL, NEW BITUMINOUS SHOULDER



TYPICAL SECTION AT MAILBOX TURNOUT  
NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS



**NOTES**

LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS

THE THICKNESS OF THE HOT-MIX ASPHALT SHOULDERS THROUGH AGGREGATE COMMERCIAL ENTRANCES AND PUBLIC ROADS SHALL BE 10". THE COST OF THE EXTRA THICKNESS SHALL BE INCLUDED WITH THE HOT-MIX ASPHALT SHOULDERS PAY ITEM.

APPLICATION FOR RURAL, NEW BITUMINOUS SHOULDER.

MODEL: Default  
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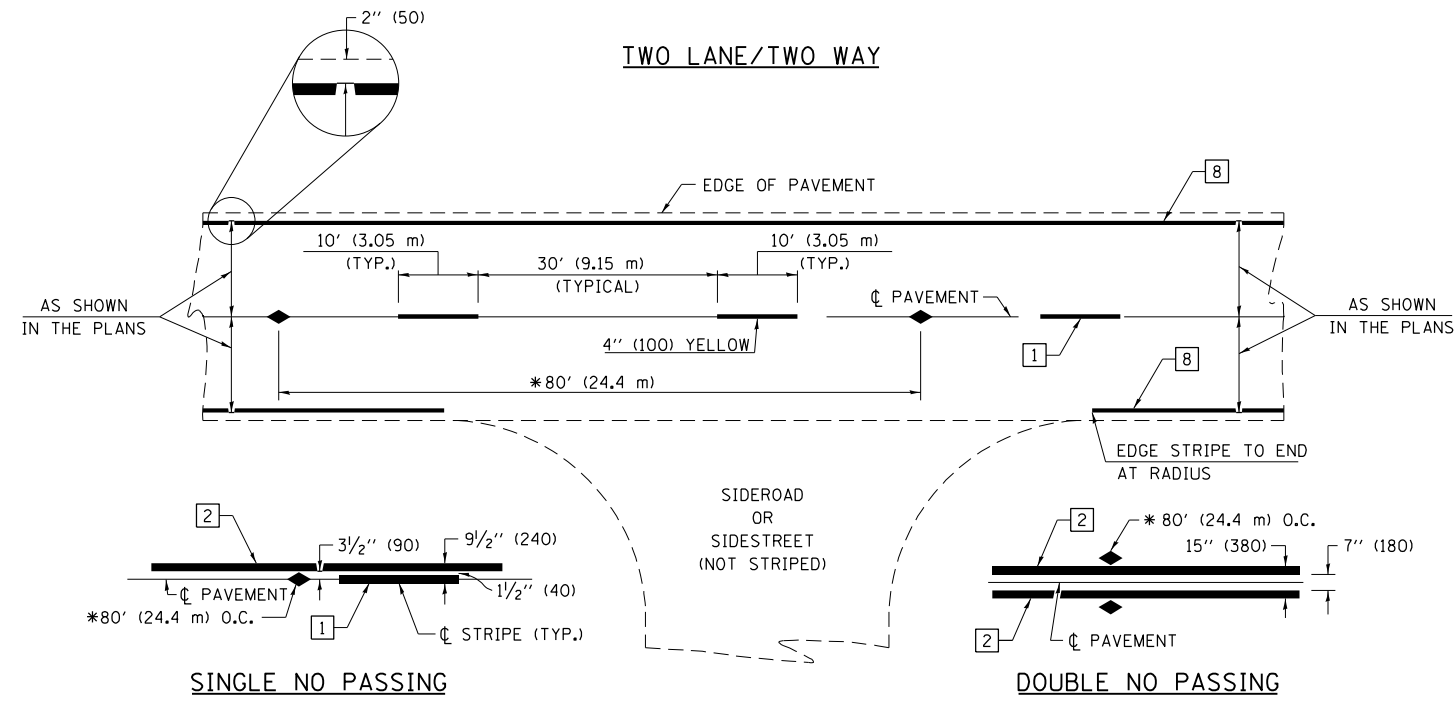
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RURAL ENTRANCE AND MAILBOX TURNOUT DETAILS  
SHOULDERS (PROPOSED)**

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

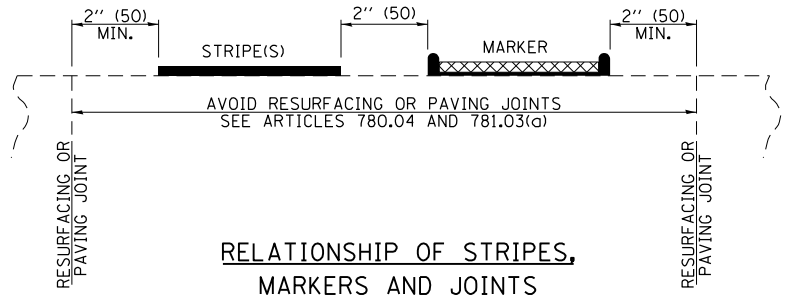
F.A.P. RTE. 322	SECTION (23,24,24-2)RS-2	COUNTY FAYETTE	TOTAL SHEETS 61	SHEET NO. 52
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74963	



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

PAVEMENT MARKING LEGEND

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

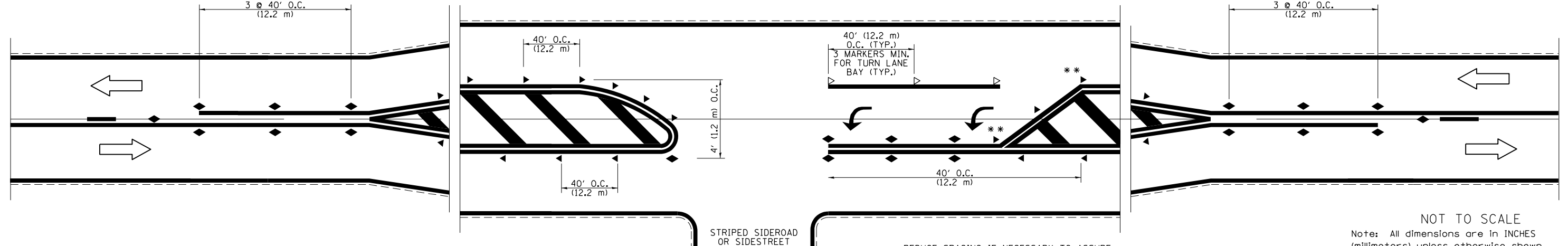


RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

TYPICAL PAVEMENT MARKERS LEGEND

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

RAISED REFLECTIVE PAVEMENT MARKERS

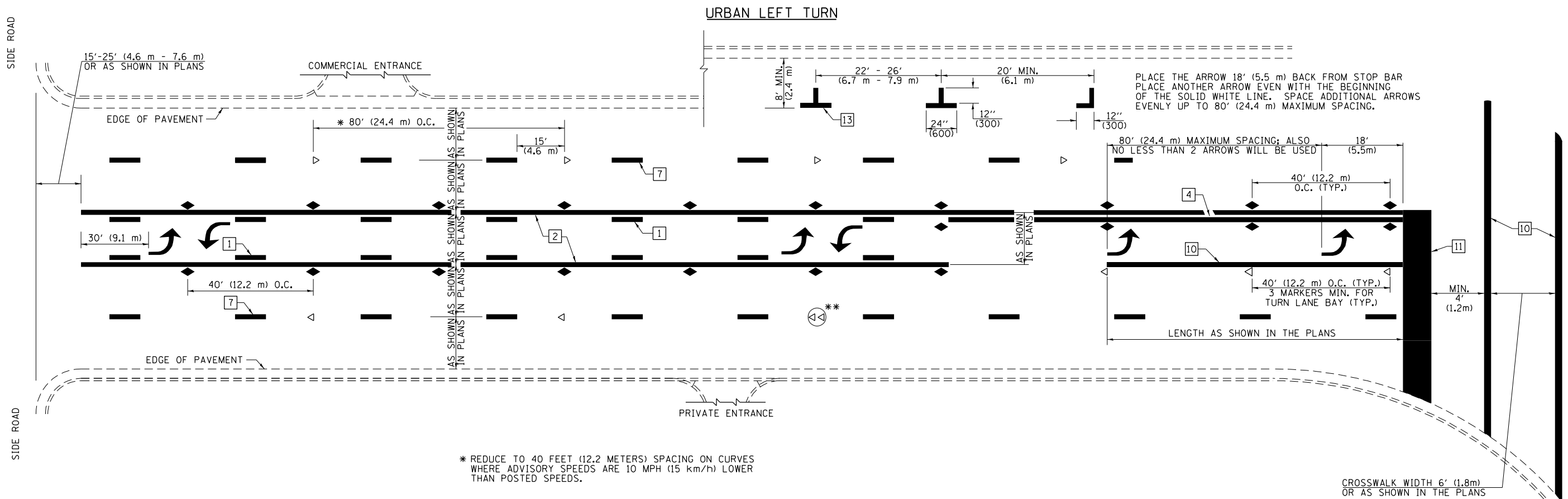


\*\* REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

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

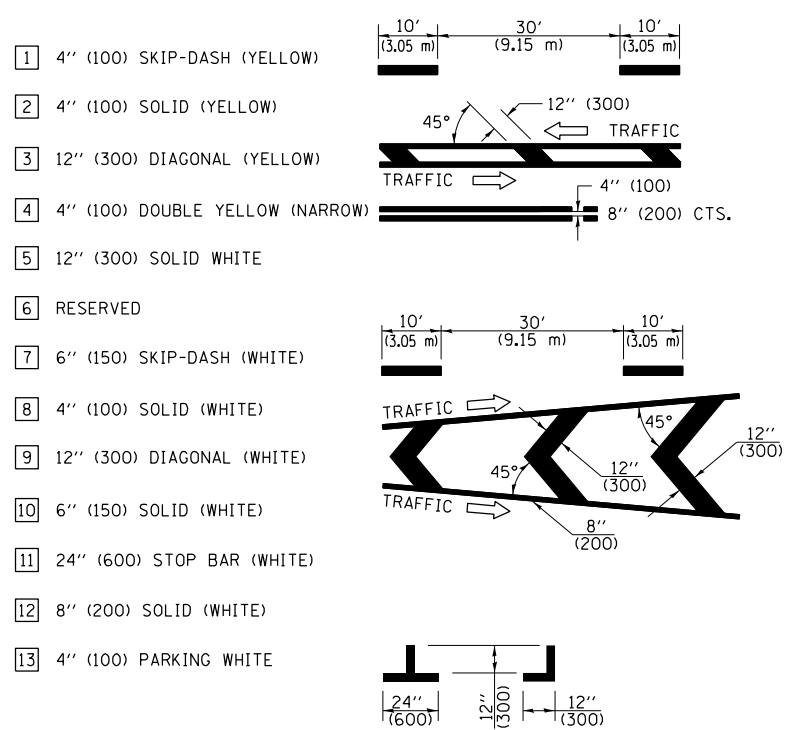
FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\idot-pw\bentley.com\PWIDOT\Documents\IDOT Offices\District 7\Projects\74963\CADD\Drawings\Drawings\74963-sht-details.dgn	PLotted SCALE = 100.0000' / in.	CHECKED -	REVISED -			322	(23,24,24-2)R5-2	FAYETTE	61	53	
PLotted DATE = 1/6/2022	DATE -	REVISED -	REVISED -			CONTRACT NO. 74963					
ILLINOIS FED. AID PROJECT											

\* FAP 322, FAP 752



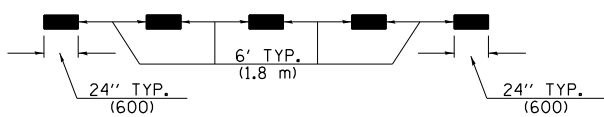
- \* REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.
- \*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

**PAVEMENT MARKING LEGEND**

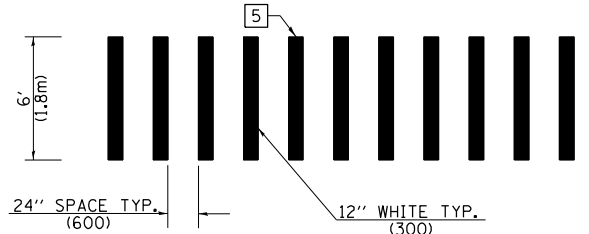


**GENERAL NOTES**

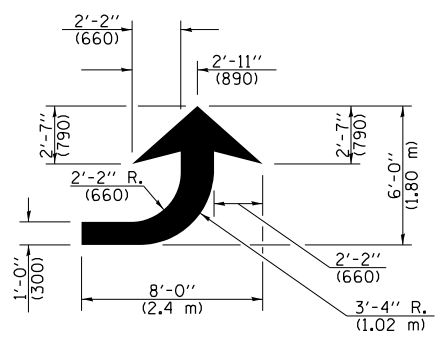
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.



**LANE LINE EXTENSIONS**

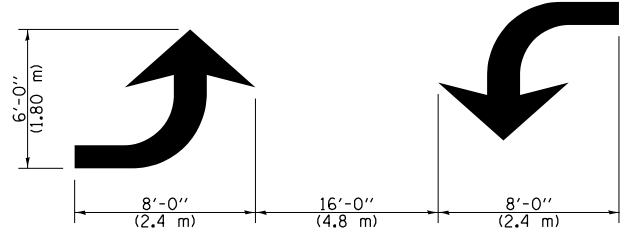


**CROSSWALK DETAIL (DECATUR CITY LIMITS ONLY)**



**LEFT ARROW**

REVERSE FOR RIGHT ARROW  
AREA = 15.6 SQ. FT. (1.47 m<sup>2</sup>)  
(WHITE)



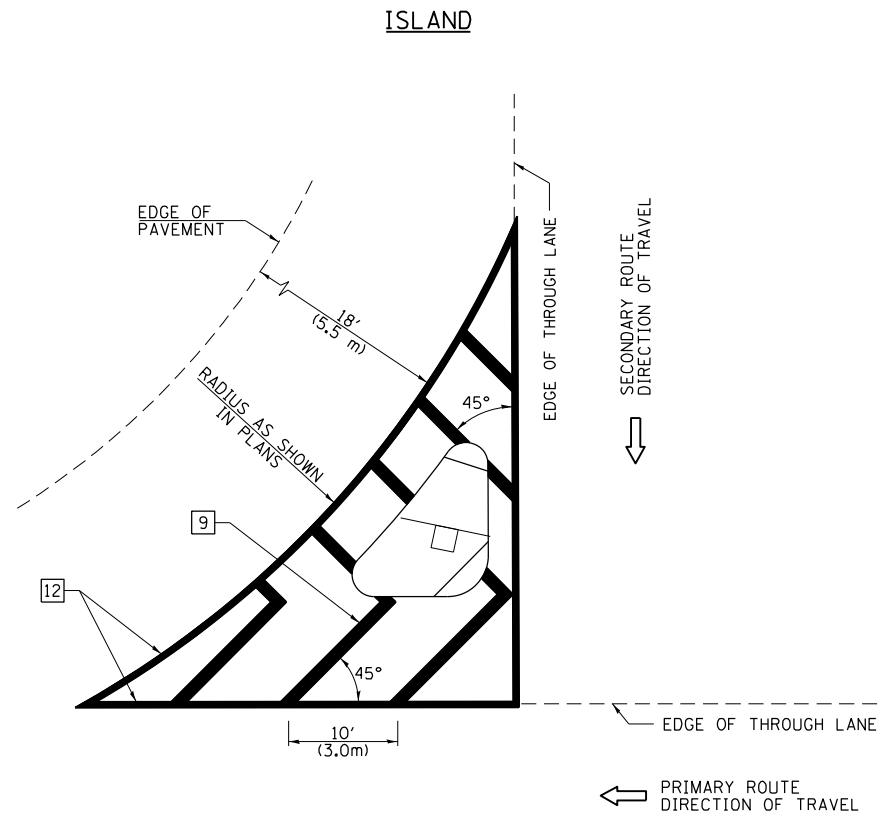
**TYPICAL DOUBLE TURN ARROWS (WHITE)**

NOT TO SCALE

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

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\1ldot-pw.bentley.com\PWIDOT\Documents\DOT Offices\District 7\Projects\74963\CADD\Drawings\74963-sht-details.dgn	DRAWN	REVISD -	REVISD -			322	(23,24,24-2)R5-2	FAYETTE	61	54
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISD -	REVISD -			CONTRACT NO. 74963				
PLOT DATE = 1/6/2022	DATE -	REVISD -	REVISD -			ILLINOIS FED. AID PROJECT				

\* FAP 322, FAP 752

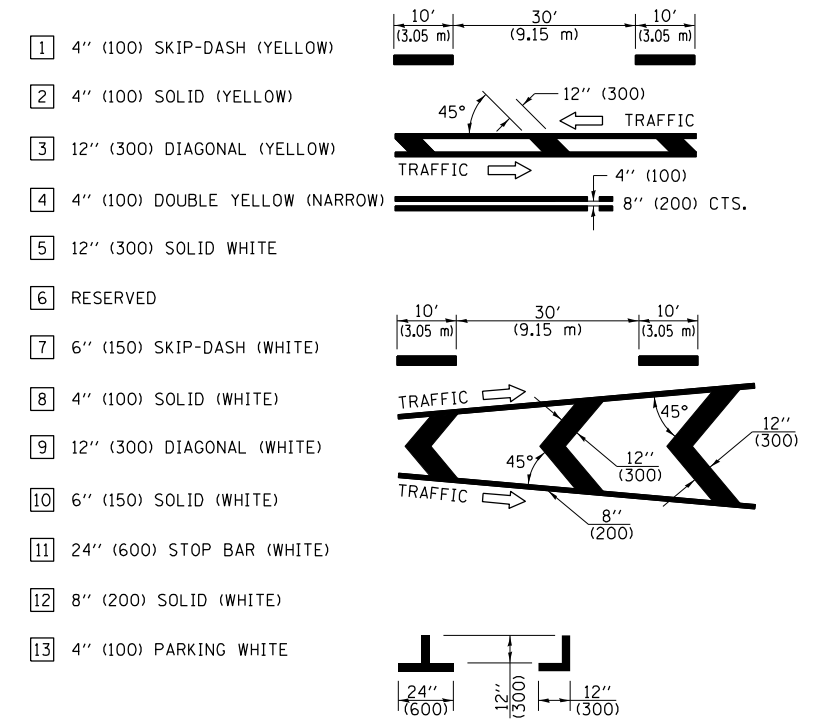


**GENERAL NOTES**

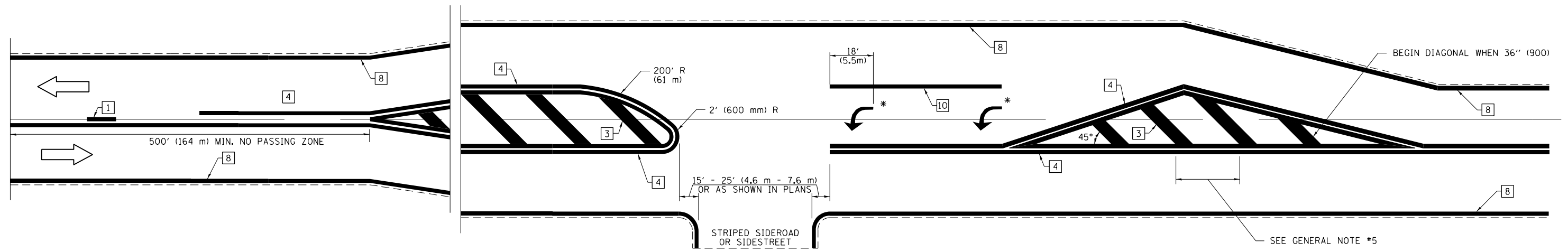
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING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

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

**PAVEMENT MARKING LEGEND**



**RURAL LEFT TURN STRIPING**



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

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

**DISTRICT 7 DETAIL NO. 7800001**

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

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

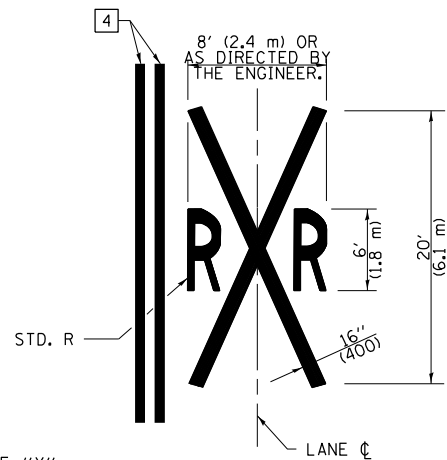
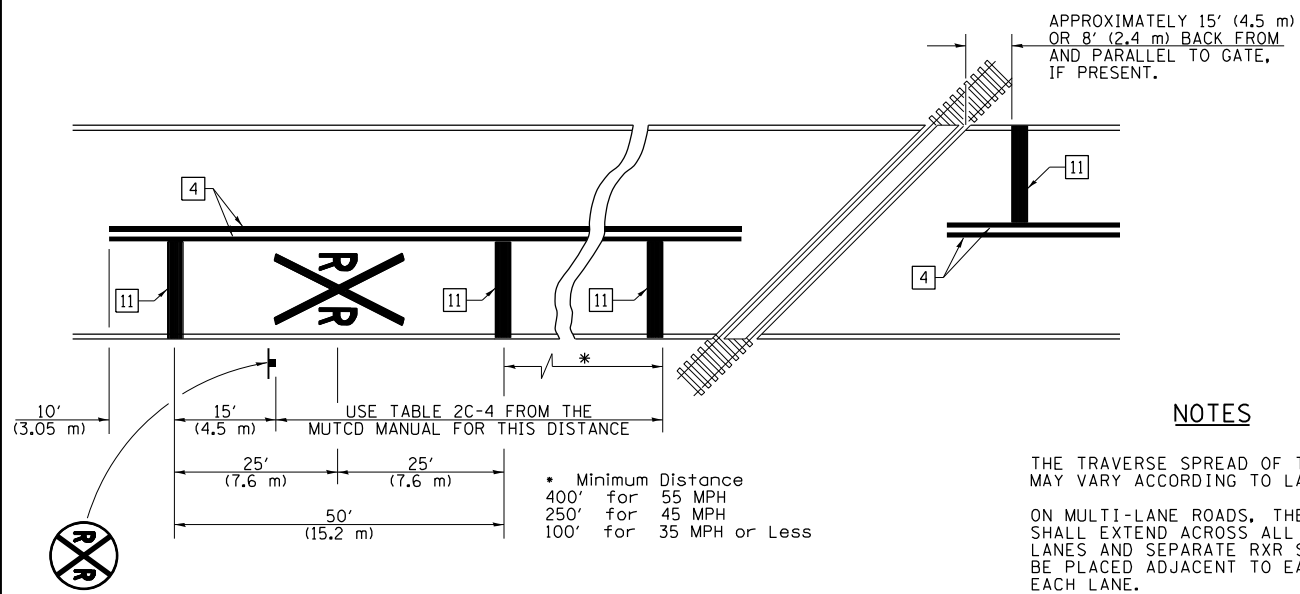
**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
(RURAL & URBAN APPLICATIONS)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23,24,24-2)R5-2	FAYETTE	61	55
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

\* FAP 322, FAP 752

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

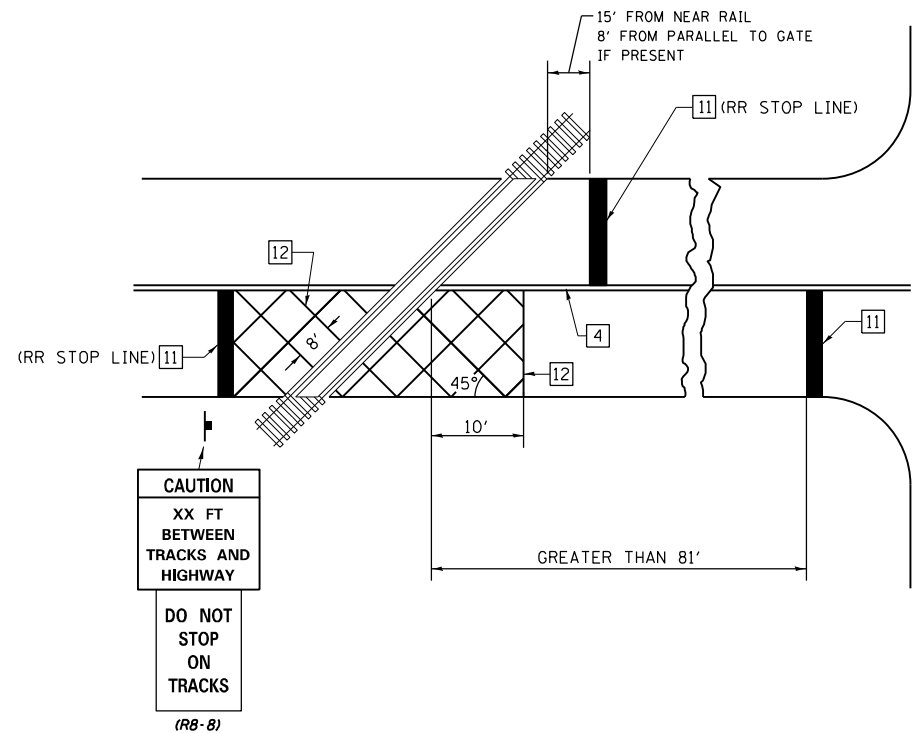
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

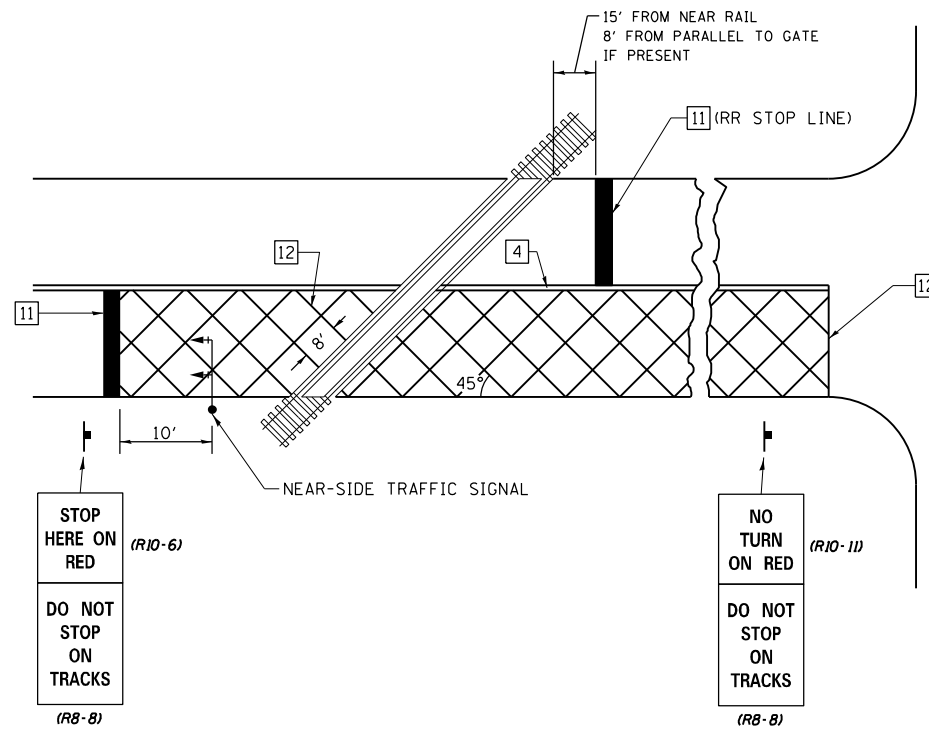
PAVEMENT MARKING LEGEND

- 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



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

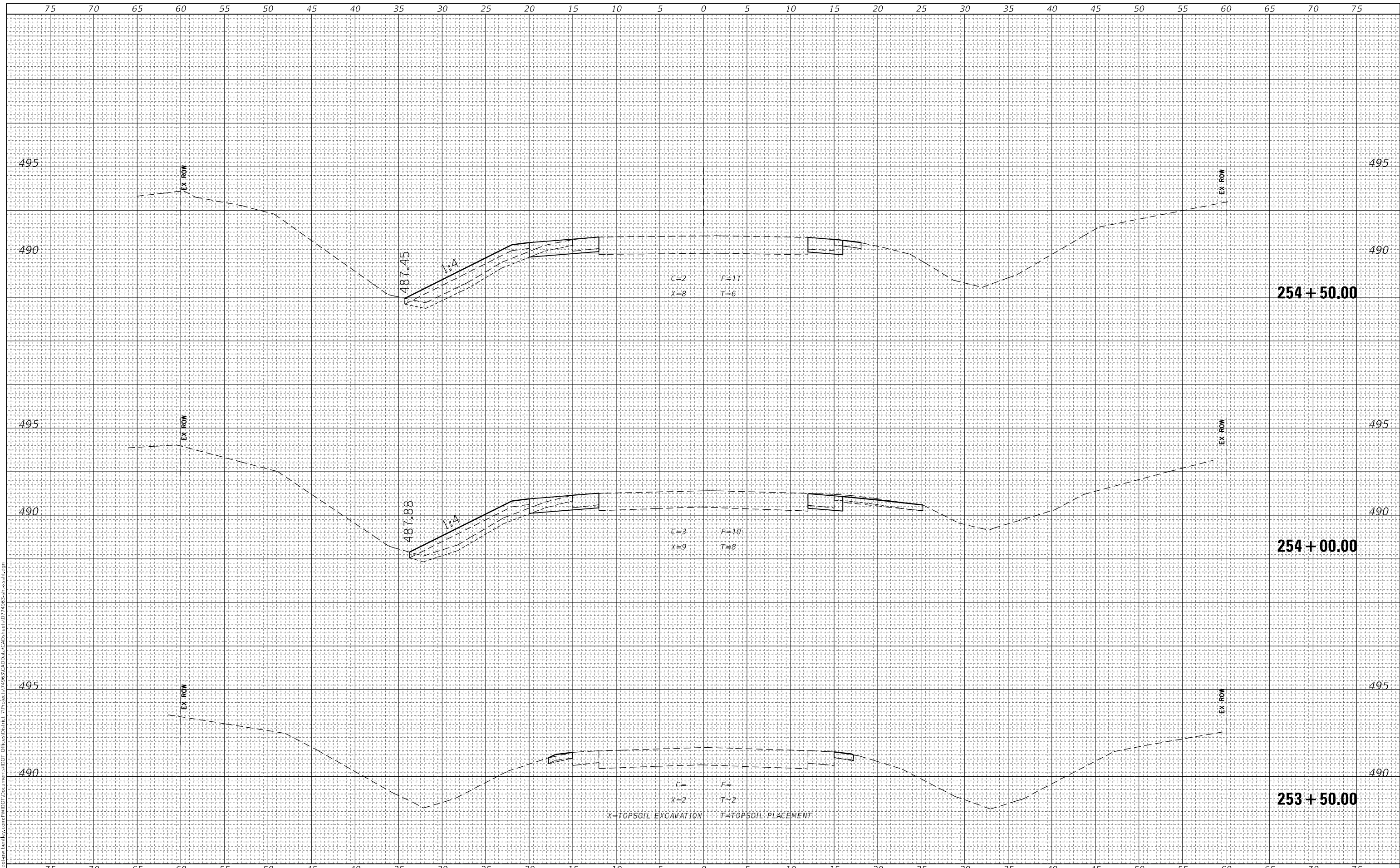
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p:\1\dot-pw.bentley.com\PWIDOT\Documents\DOT Offices\District 7\Projects\74963\CADD\Drawings\Sheets\0774963-sht-details.dgn		CHECKED -	REVISED -			322	(23,24,24-2)R5-2	FAYETTE	61	56
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 74963				
PLOT DATE = 1/6/2022						ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

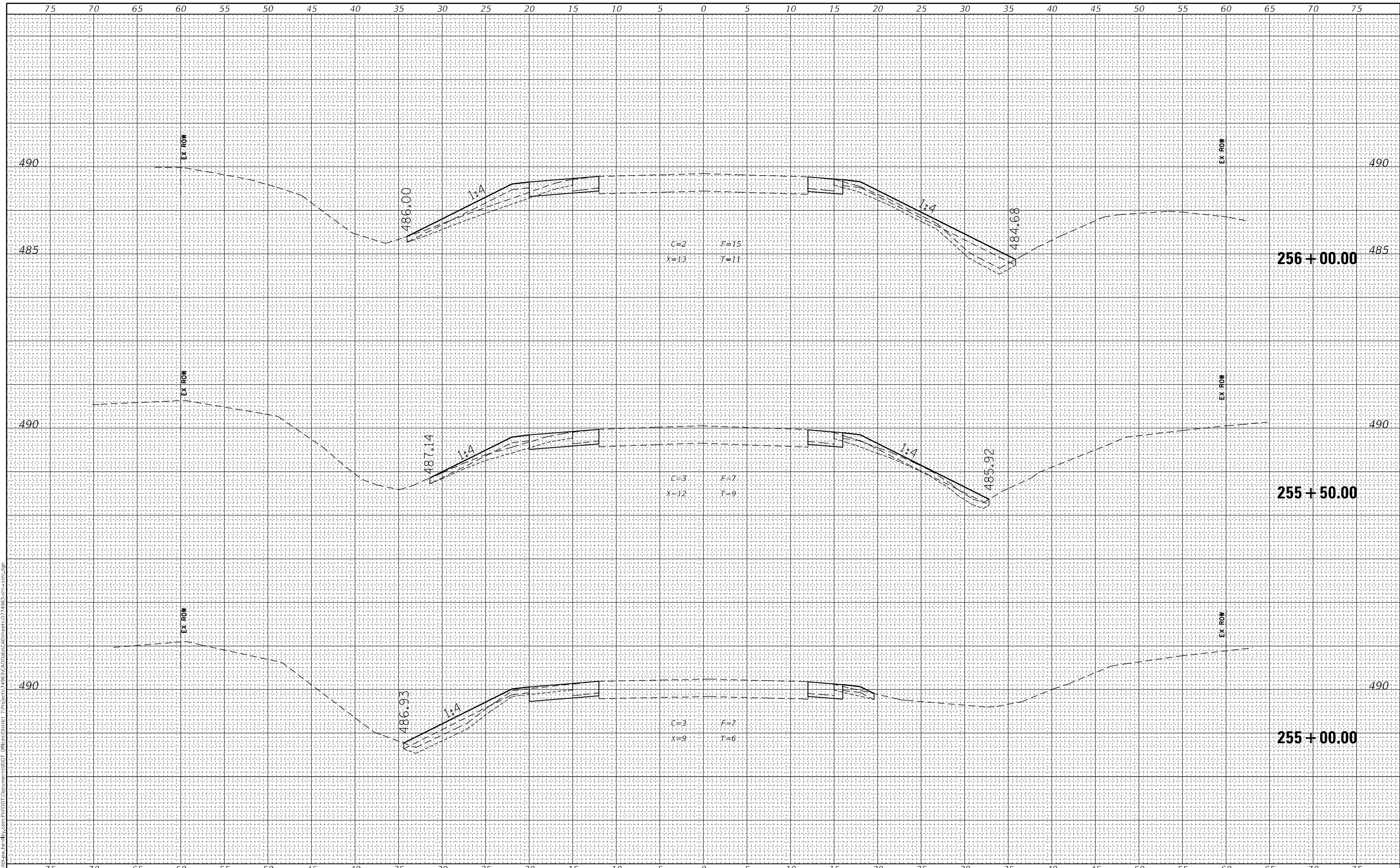
SCALE: SHEET OF SHEETS STA. 253+50.00 TO STA. 254+50.00

F.A.P. RTE. 322	SECTION (23, 24, 24-2)RS-2	COUNTY FAYETTE	TOTAL SHEETS 61	SHEET NO. 57
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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USER NAME = stefnmk	DESIGNED -	REVISED -
PLOT SCALE = 10,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 1/6/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

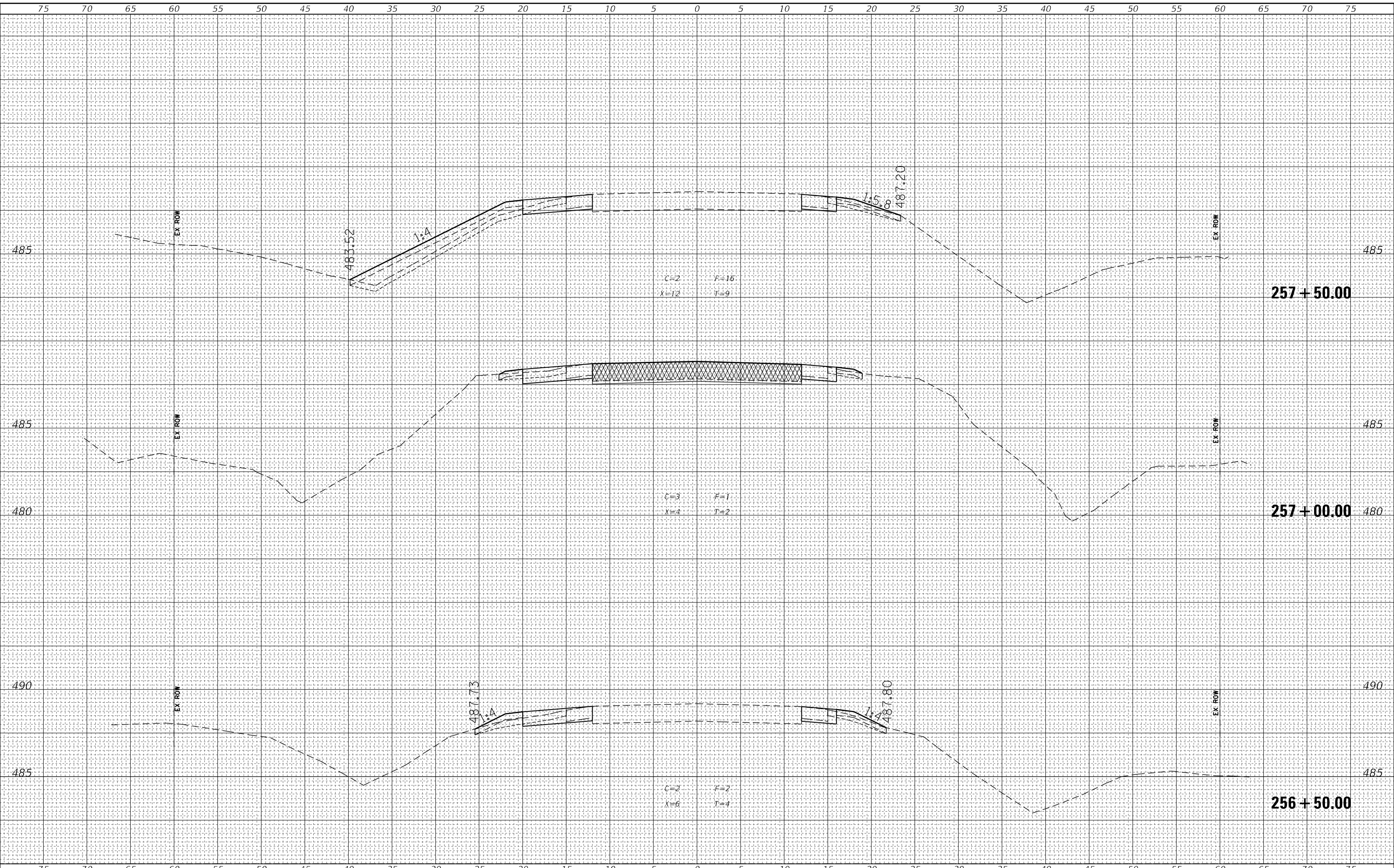
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23, 24, 24-2)RS-2	FAYETTE	61	58
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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	AREAS CHECKED		

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PLOT SCALE = 10,0000 * / in.
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DESIGNED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

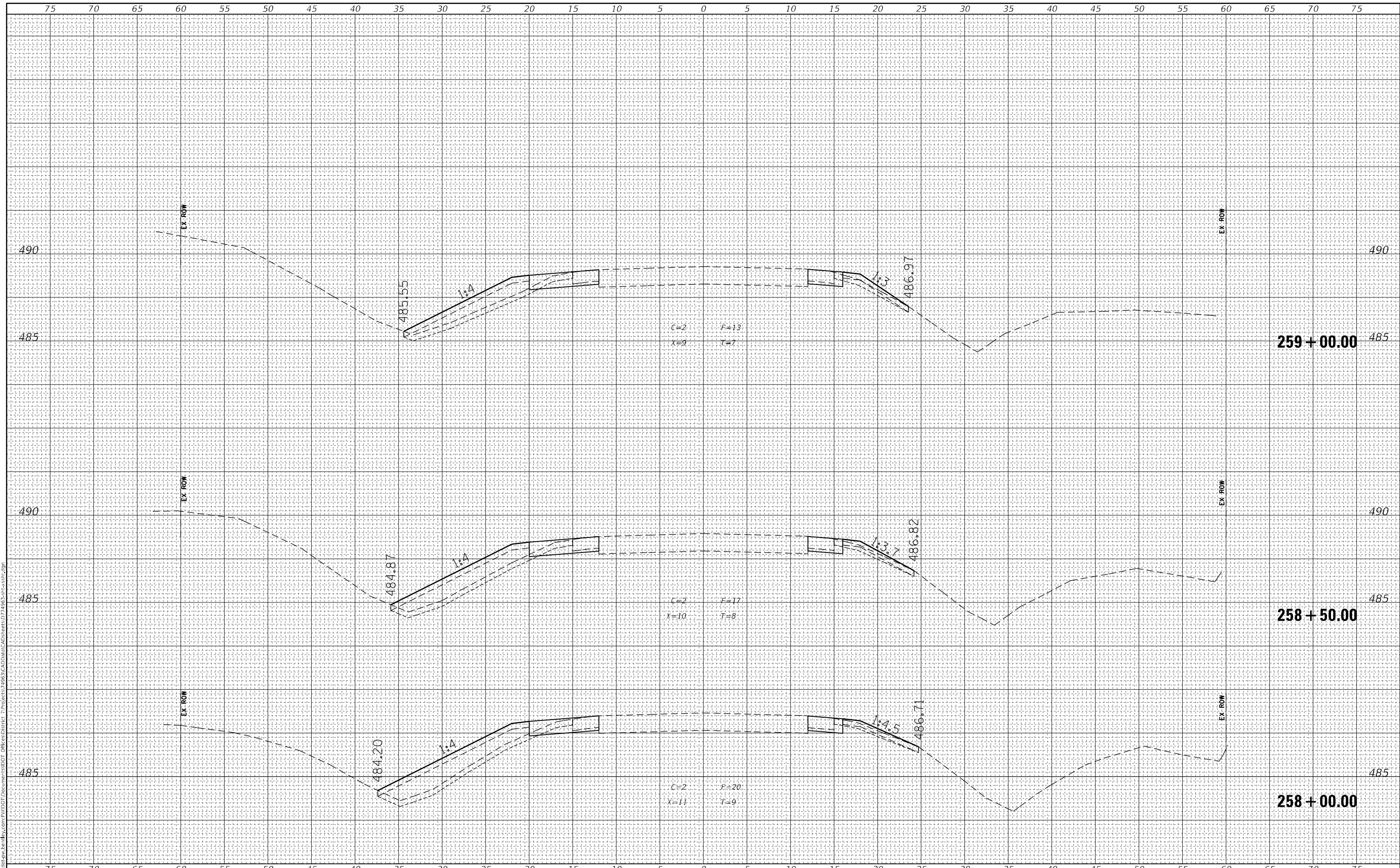
SCALE: SHEET OF SHEETS STA. 256+50.00 TO STA. 257+50.00

F.A.P. RTE. 322	SECTION (23, 24, 24-2)RS-2	COUNTY FAYETTE	TOTAL SHEETS 61	SHEET NO. 59
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

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USER NAME = stefnrmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

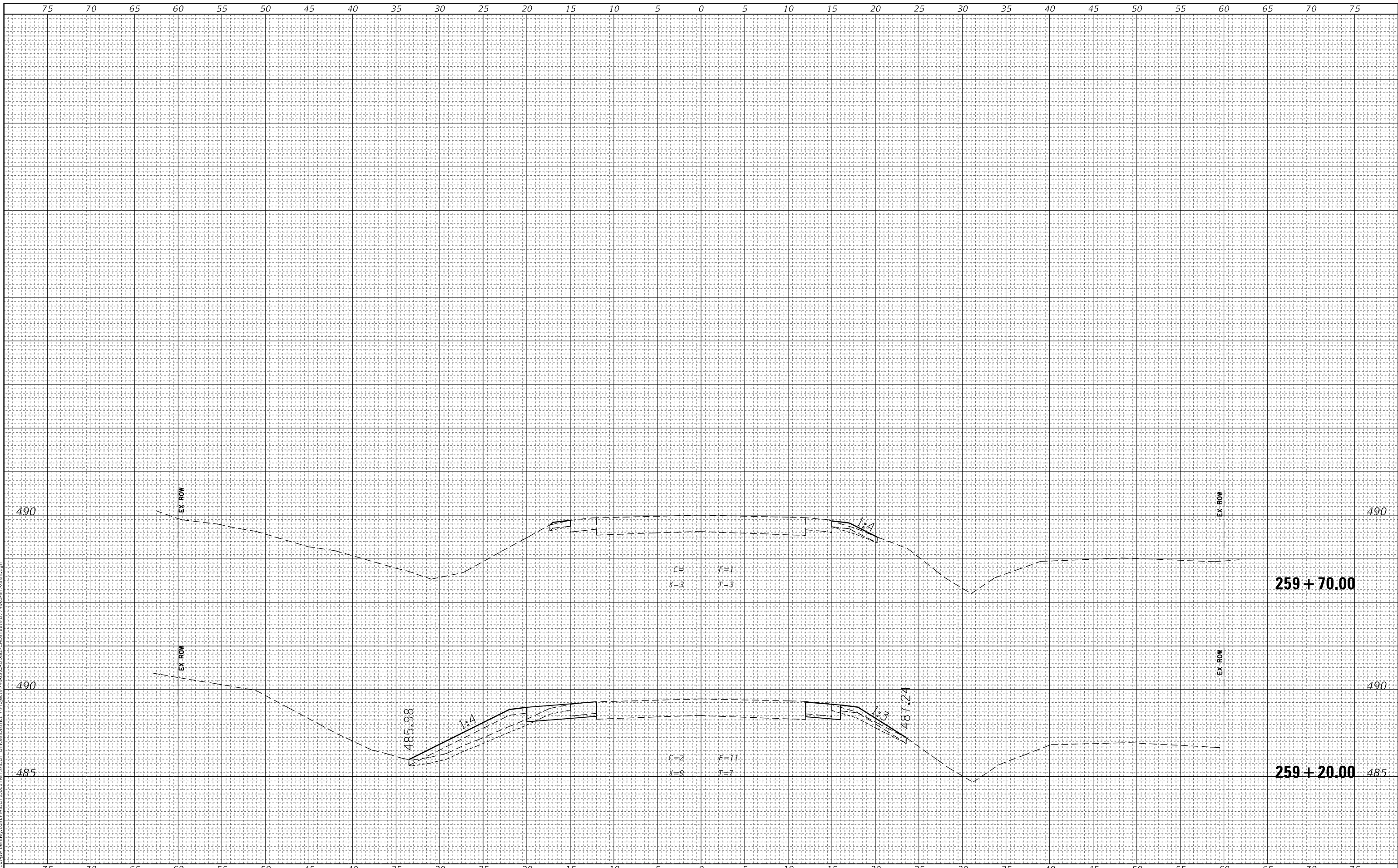
SCALE: SHEET OF SHEETS STA. 258+00.00 TO STA. 259+00.00

F.A.P. RTE. 322	SECTION (23, 24, 24-2)RS-2	COUNTY FAYETTE	TOTAL SHEETS 61	SHEET NO. 60
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

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USER NAME = stefnrmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/6/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 259+20.00 TO STA. 259+70.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23, 24, 24-2)RS-2	FAYETTE	61	61
CONTRACT NO. 74963				
ILLINOIS FED. AID PROJECT				