

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)D	FAYETTE	40	1
		ILLINOIS		CONTRACT NO. 94519

FOR INDEX OF SHEETS, SEE SHEET NO. 2

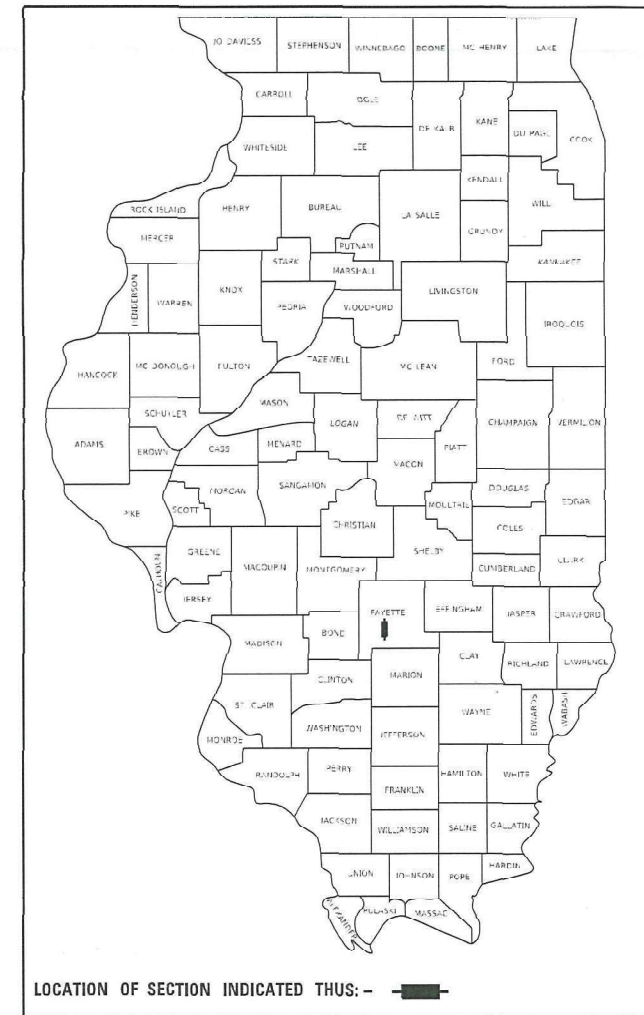
AADT = 3900 (2021)

**PROPOSED
HIGHWAY PLANS**

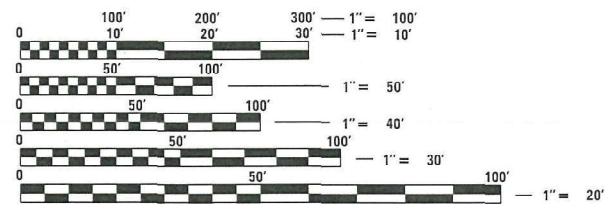
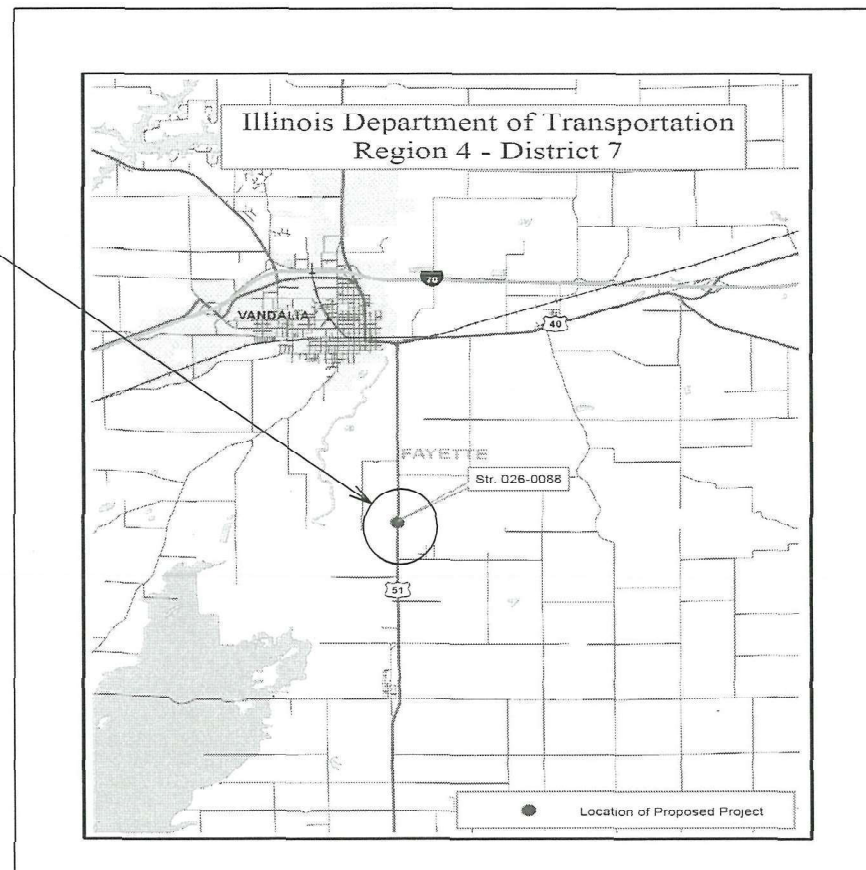
FAP ROUTE 322 (US 51)
SECTION (23-3)B
PROJECT NHPP-2V4T(603)
BRIDGE REPLACEMENT
FAYETTE COUNTY

C-97-051-09

D-97-025-09



PROJECT LOCATION
EXISTING SN 026-0088
PROPOSED SN 026-2022
STATION 174 + 33.15



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: DEBRA G. BARRETT
PROJECT MANAGER: RAY REYNOLDS

CONTRACT NO. 94519

GROSS LENGTH = 26.5 FT. = 0.005 MILE
NET LENGTH = 26.5 FT. = 0.005 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED JANUARY 21 20 21
Jeffrey P. Miquel
REGIONAL ENGINEER

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

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

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OF THE STATE OF ILLINOIS

GENERAL NOTES

THE WORK INCLUDED IN THIS SECTION CONSISTS OF REPLACING THE EXISTING BRIDGE STRUCTURE (026-0088) WITH A CAST-IN-PLACE BOX CULVERT STRUCTURE (026-2022) INCLUDING REPLACEMENT OF GUARDRAIL AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

TREES 3" OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR.

TREES SHALL BE PLANTED AT THE I-70 INTERCHANGE MP 61 (WAL MART INTERCHANGE) IN VANDALIA. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS WITH MAINTENANCE PRIOR TO PLANTING.

BASE COURSE WIDENING FOR EACH LANE SHALL BE COMPLETED IN TWO STAGES, DUE TO THE EXISTING GUARDRAIL. THE FIRST STAGE SHALL BE CONSTRUCTED TO THE MAXIMUM WIDTH ALLOWED BY GUARDRAIL (6 FEET). THE SECOND STAGE SHALL COMPLETE THE 10 FEET TOTAL WIDTH.

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

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	QUALITY MANAGEMENT
HMA SURFACE COURSE, MIX "C", N70 (2") (ALL LIFTS)	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	QC/QA

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS & GENERAL NOTES
3-5	SUMMARY OF QUANTITIES
6-8	TYPICAL CROSS SECTIONS
9-11	SCHEDULES OF QUANTITIES
12	PLAN AND PROFILE SHEETS
13-14	STAGE PLAN SHEETS
15-25	BRIDGE PLAN SHEETS
26-27	DISTRICT 7 MISC DETAILS
28-31	DISTRICT 7 PAVEMENT MARKING DETAILS
32-40	CROSS SECTIONS

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

STD. NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-04	NAME PLATE FOR BRIDGES
630001-12	STEEL PLATE BEAM GUARDRAIL
630101-10	STRONG POST GUARDRAIL ATTACHED TO CULVERT
630116	BACK SIDE PROTECTION OF GUARDRAIL
630201-07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 GUARDRAIL TERMINALS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701316-13	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR, FOR SPEEDS >= 45 MPH
701321-18	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45MPH
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
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, HIGHWAY STANDARDS
 AND GENERAL NOTES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 94519	

80% FED
20% STATE

80% FED
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0003		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	103	103		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	16	16		
20200100	EARTH EXCAVATION	CU YD	77	77		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	202	202		
20400800	FURNISHED EXCAVATION	CU YD	708	708		
20900110	POROUS GRANULAR BACKFILL	CU YD	455	455		
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	171	171		
* 25000200	SEEDING, CLASS 2	ACRE	0.4	0.4		
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	40	40		
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	40	40		
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	40	40		
* 25100115	MULCH, METHOD 2	ACRE	0.4	0.4		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	40	40		
* 28000400	PERIMETER EROSION BARRIER	FOOT	929	929		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0003		
28100107	STONE RIPRAP, CLASS A4	SO YD	238	238		
28200200	FILTER FABRIC	SO YD	238	238		
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	207	207		
35600720	HOT-MIX ASPHALT BASE COURSE WIDENING 11"	SO YD	583	583		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1000	1000		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	799	799		
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	153	153		
40701901	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"	SO YD	207	207		
44000100	PAVEMENT REMOVAL	SO YD	133	133		
44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	SO YD	815	815		
44004250	PAVED SHOULDER REMOVAL	SO YD	664	664		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	23	23		
48203100	HOT-MIX ASPHALT SHOULDERS	TON	99	99		

* SPECIALTY ITEM

REV. - MS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	3
CONTRACT NO. 94519			ILLINOIS FED. AID PROJECT	

80% FED
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0003		
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	14	14		
50800105	REINFORCEMENT BARS	POUND	43270	43270		
50800515	BAR SPLICERS	EACH	168	168		
51500100	NAME PLATES	EACH	1	1		
52200010	TEMPORARY SHEET PILING	SQ FT	955	955		
54003000	CONCRETE BOX CULVERTS	CU YD	212	212		
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	181	181		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	480	480		
* 63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	53	53		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4		
63200310	GUARDRAIL REMOVAL	FOOT	616	616		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6		
67100100	MOBILIZATION	L SUM	1	1		

80% FED
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0003		
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	1	1		
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	3	3		
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1		
70106700	TEMPORARY RUMBLE STRIPS	EACH	6	6		
70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	921	921		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	54	54		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	402	402		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	438	438		

* SPECIALTY ITEM

REV. - MS

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			SCALE:	SHEET 2 OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 94519		

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80% FED
20% STATE

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SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0003		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	388	388		
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2		
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1053	1053		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	4	4		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8	8		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	4	4		
* A2001016	TREE, ACER RUBRUM (RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3		
* A2001716	TREE, ACER SACCHARUM (SUGAR MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3		
* A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0003		
* B2001116	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3	3		
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SO YD	181	181		
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	27	27		
Z0004560	BRIDGE WEARING SURFACE REMOVAL	SO YD	37	37		
Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SO YD	376	376		
* Z0054505	ROCK FILL - REPLACEMENT	TON	364	364		

* SPECIALTY ITEM

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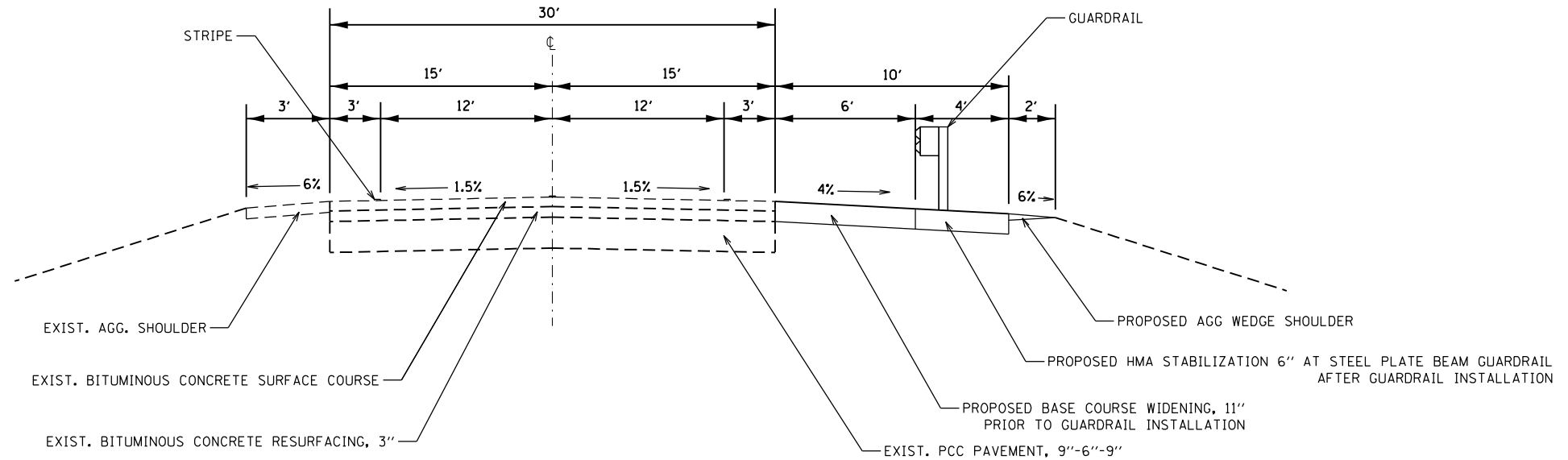
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

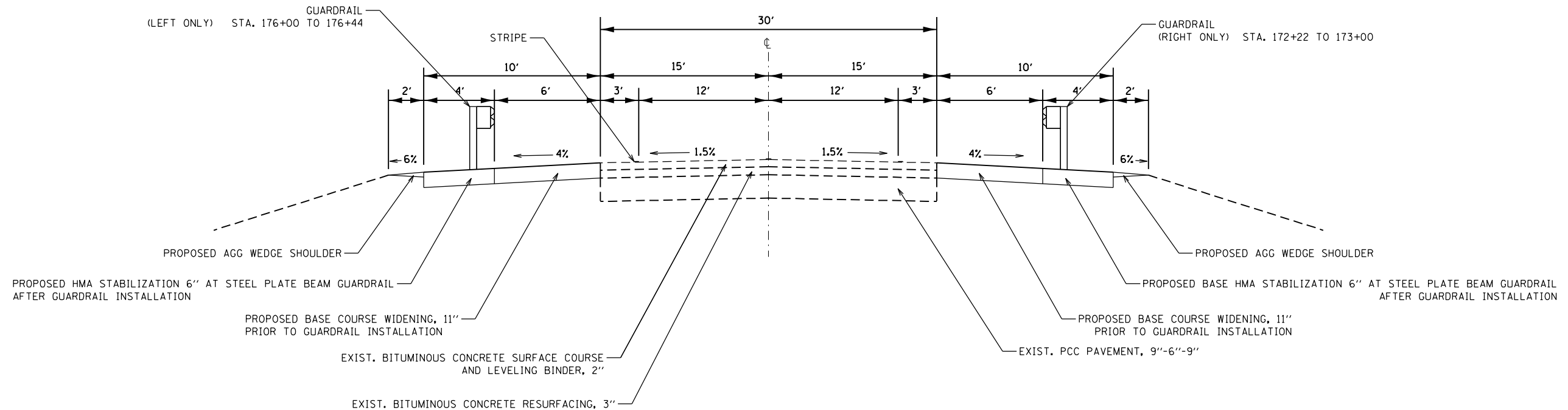
SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 94519	

PROPOSED TYPICAL CROSS SECTION
STATION 171+99 TO STATION 172+22



PROPOSED TYPICAL CROSS SECTION
STATION 172+22 TO STATION 173+00
STATION 176+00 TO STATION 176+44



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

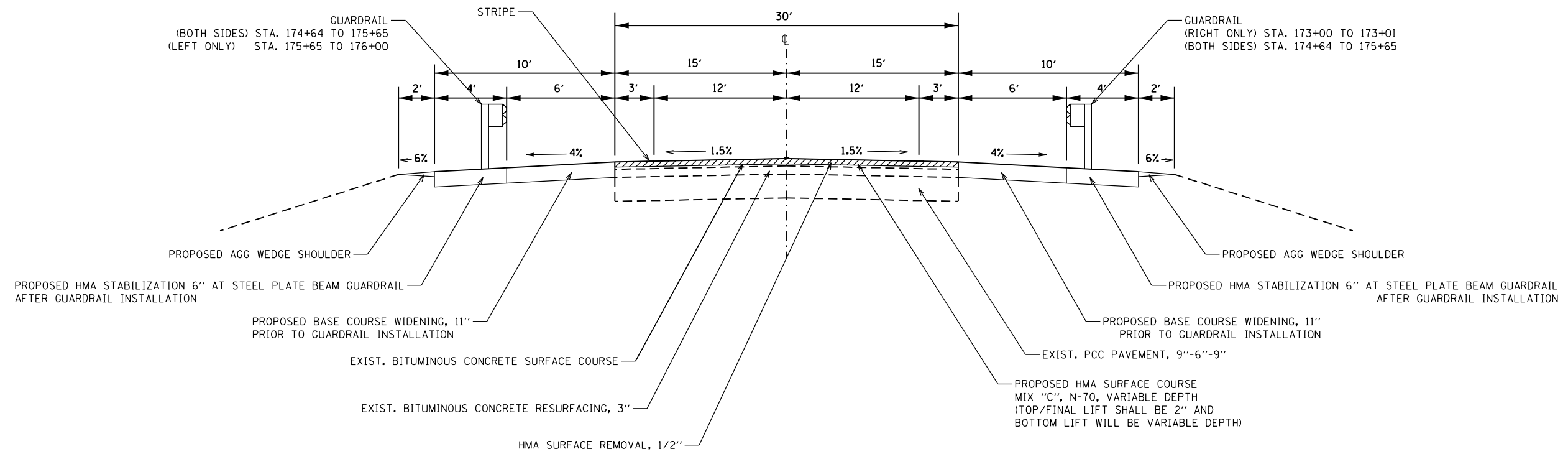
TYPICAL CROSS SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 94519			ILLINOIS FED. AID PROJECT	

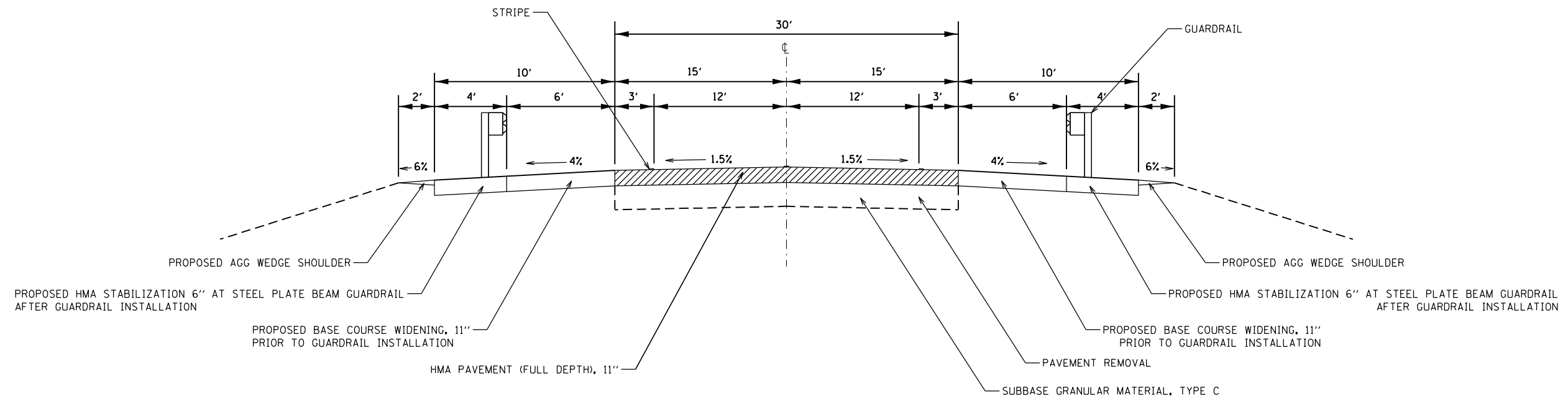
PROPOSED TYPICAL CROSS SECTION

STATION 173+00 TO STATION 174+01
 STATION 174+64 TO STATION 175+65
 STATION 175+65 TO STATION 176+00



PROPOSED TYPICAL CROSS SECTION

STATION 174+02 TO STATION 174+20
 STATION 174+46 TO STATION 174+64



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

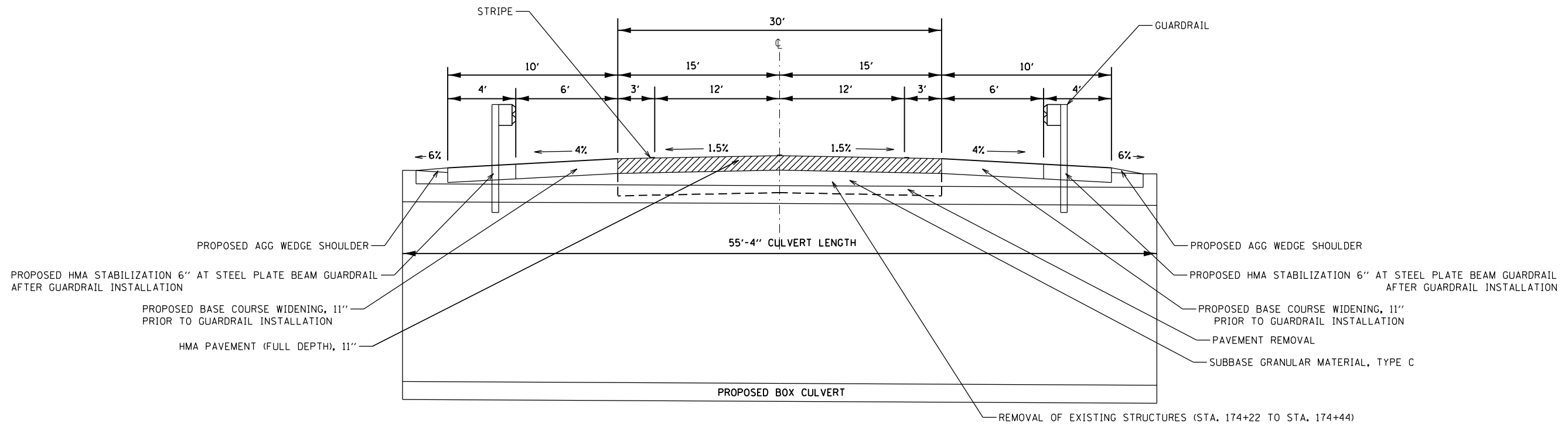
TYPICAL CROSS SECTIONS

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

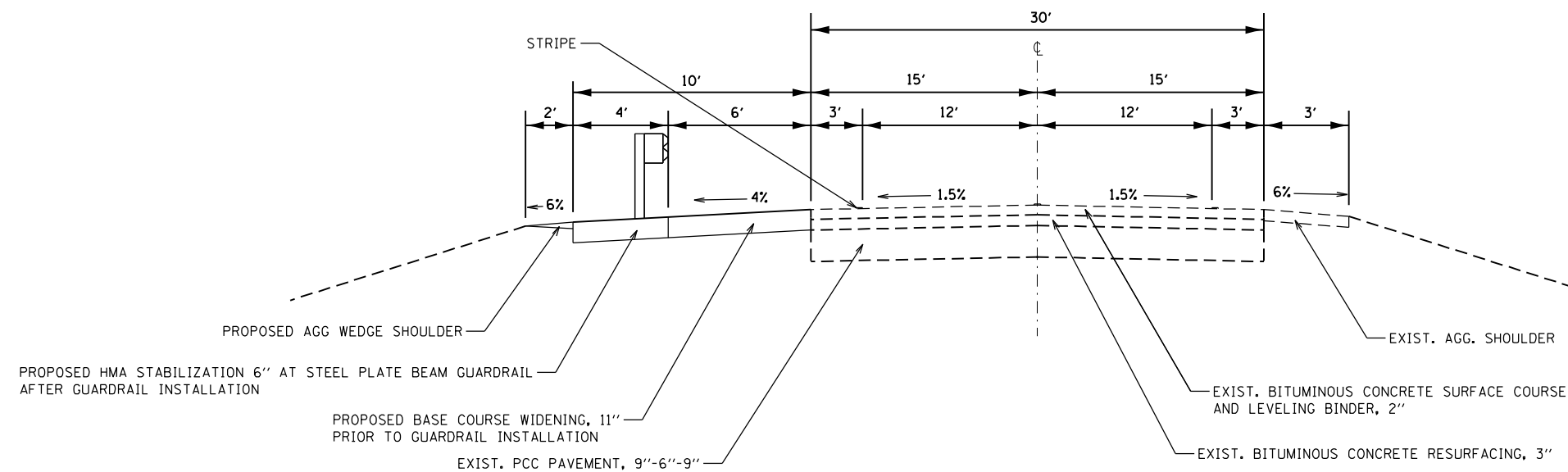
PROPOSED TYPICAL CROSS SECTION

STATION 174+20 TO STATION 174+22
 STATION 174+22 TO STATION 174+44 (SIMILAR)
 STATION 174+44 TO STATION 174+46



PROPOSED TYPICAL CROSS SECTION

STATION 176+44 TO STATION 176+67



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	8
CONTRACT NO. 94519			ILLINOIS FED. AID PROJECT	

TREE REMOVAL (6 TO 15 UNITS DIAMETER)		
STATION	OFFSET	UNIT
173+46	60' R	6
173+48	56' R	8
174+01	54' R	6
174+17	56' R	10
172+50	56' R	12
172+50	54' R	12
174+27	54' R	7
174+61	64' R	6
174+61	64' R	6
175+00	66' R	12
175+00	66' R	8
175+09	60' R	10
TOTAL =		103

TREE REMOVAL (OVER 15 UNITS DIAMETER)		
STATION	OFFSET	UNIT
174+17	56' R	16
TOTAL =		16

EARTHWORK ANALYSIS						
LOCATION	EXCAVATION	EXCAVATION	EMBANKMENT	BALANCE	EXCAVATION	
SHOULDERS	CU YD	CU YD	CU YD	CU YD	CU YD	
LT STA. 172+22 TO 173+02	25	18.75	0	18.75		
LT STA. 176+30 TO 176+67	12	9	0	9		
RT STA. 171+99 TO 172+51	16	12	0			
RT STA. 175+65 TO 176+44	24	18	0			
FORESLOPES						
LT STA. 173+00 TO 176+00	0	0	296.88	-296.88	61	
RT STA. 173+00 TO 176+00			445.32	-445.32	110	
TOTALS =		77	57.75	742.2	-714.45	171

EARTH EXCAVATION =	77
FURNISHED EXCAVATION =	714
TOPSOIL EXCAVATION AND PLACEMENT =	369

POROUS GRANULAR BACKFILL				
STATION	END AREA	LENGTH	VOLUME	
FROM TO	(SF)	(FT)	(CU YD)	
174+02.00	174+20.00	704.13	17.50	229
174+47.00	174+64.00	697.81	17.50	226
TOTAL =				455

L/R	STATION	SQ FT	ACRE	SEEDING CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH METHOD 2	TEMPORARY EROSION CONTROL SEEDING
				POUND	POUND	POUND	ACRE	POUND	
L	173+00.00	176+00.00	5757.0	0.132	11.9	11.9	11.9	0.132	13.2
R	173+00.00	176+00.00	11530.0	0.265	23.8	23.8	23.8	0.265	26.5
TOTAL =				0.397	35.7	35.7	35.7	0.397	39.7
USE =				0.4	40.0	40.0	40.0	0.4	40.0

PERIMETER EROSION BARRIER			
L/R	STATION	LENGTH (FT)	
L	172+22.00	176+67.00	459.00
R	171+99.00	176+44.00	470.00
TOTAL =		929.00	

SUBBASE GRANULAR MATERIAL, TYPE C						
STATION		LENGTH	WIDTH	THICKNESS	AREA	TOTAL
FROM	TO	(FT)	(FT)	(IN)	(CU YD)	(TON)
174+01.00	174+65.00	64.0	50.0	12.0	118.5	207.4
TOTAL =					118.5	207.4

HOT-MIX ASPHALT BASE COURSE WIDENING, 11"					
L/R	STATION	LENGTH	WIDTH	AREA	
	FROM TO	(FT)	(FT)	(SQ YD)	
WITH EXISTING GUARDRAIL					
L	172+22.00	174+22.00	200.00	6	133
L	174+44.00	176+75.00	231.00	6	154
L	176+75.00	176+87.00	12.00	3	4
WITH EXISTING GUARDRAIL					
R	171+79.00	171+91.00	12.00	3	4
R	171+91.00	174+22.00	231.00	6	154
R	174+44.00	176+44.00	200.00	6	133
TOTAL =					583

BITUMINOUS MATERIALS (TACK COAT)						
STATION		LENGTH	WIDTH	AREA	TOTAL	
FROM	TO	(FT)	(FT)	(SQ FT)	(POUNT)	
RAMPS						
	173+95.00	174+22.00	27.00	21	567.0	28 NB TEMPORARY RAMPS
	174+44.00	174+69.00	25.00	21	525.0	26 NB TEMPORARY RAMPS
MAINLINE						
	173+00.00	176+00.00	300.00	21	6300.0	315 SB STAGE 1 FIRST LIFT
	173+00.00	176+00.00	300.00	21	6300.0	315 NB STAGE 2 FIRST LIFT
MAINLINE & SHOULDERS						
	173+00.00	176+00.00	300.00	42	12600.0	315
TOTAL =					1000	

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT							
L/R	STATION	MAX DEPTH	LENGTH	WIDTH	AREA		
	FROM TO	(IN)	(FT)	(FT)	(SQ YD)	DESCRIPTION	
L	173+95.00	174+00.00	2	5	19.6	10.9	ENDS OF TEMPORARY RAMPS
L	174+64.00	174+69.00	2	5	19.6	10.9	
R	173+41.00	173+61.00	2	20	25	55.6	SB STAGE 1 FIRST LIFT
R	174+88.00	175+18.00	2	30	25	83.3	
L	173+41.00	173+61.00	2	20	25	55.6	NB STAGE 2 FIRST LIFT
L	174+88.00	175+18.00	2	30	25	83.3	
	173+00.00	173+40.00	2	40	50	222.2	SURFACE COURSE
	175+60.00	176+00.00	2	40	50	222.2	
TOTAL =					744		

HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11"				
STATION		LENGTH	WIDTH	AREA
FROM	TO	(FT)	(FT)	(SQ YD)
174+02.00	174+64.00	62.00	30	206.7
TOTAL =				207

PAVEMENT REMOVAL				
STATION		LENGTH	WIDTH	AREA
FROM	TO	(FT)	(FT)	(SQ YD)
174+02.00	174+22.00	20.00	30	67
174+44.00	174+64.00	20.00	30	67
TOTAL =				133

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PLOT DATE =	1/21/2021	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	9
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

L/R	STATION		(FT)	(EACH)	(EACH)	
	FROM	TO				
L	173+01.00	173+51.00		1.0	1.0	4
L	173+51.00	174+20.00	69.00			
L	174+20.00	174+46.00				
L	174+46.00	176+17.00	171.0			
L	176+17.00	176+67.00		1.0	1.0	
R	171+99.00	172+49.00		1.0	1.0	4
R	172+49.00	174+20.00	171.00			
R	174+20.00	174+46.00				
R	174+46.00	175+15.00	69.0			
R	175+15.00	175+65.00		1.0	1.0	
TOTAL =			480	4	4	8

STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

TERMINAL MARKER - DIRECT APPLIED

GUARDRAIL REFLECTORS, TYPE A

NOTE: QUANTITIES, LOCATIONS, AND STATION RANGES OF SOME ITEMS MAY VARY BASED ON THE MANUFACTURER'S SPECIFICATIONS OF THE TYPE 1 TERMINAL BEING INSTALLED IN THE FIELD. THESE QUANTITIES, STATIONS, AND LOCATIONS ARE BASED ON A 50' TYPE 1 TERMINAL WITH 37.5' OF THE TERMINAL BEING INCLUDED IN THE LENGTH OF NEED.

PAVEMENT MARKING BLACKOUT TAPE, 5"			
	STATION		LENGTH (FT)
	FROM	TO	
STAGE 1			
CENTERLINE	170+64.00	172+19.00	39
CENTERLINE	176+00.00	178+07.00	52
RRPM			2
LT	172+22.00	176+44.00	422
STAGE 2			
RT	172+30.00	176+36.00	406
TOTAL =			921

SHORT TERM PAVEMENT MARKING			
	STATION		LENGTH (FT)
	FROM	TO	
CENTERLINE	173+00.00	176+00.00	30.00
LT EOP (CHEVRONS)	173+00.00	176+00.00	12.00
RT EOP (CHEVRONS)	173+00.00	176+00.00	12.00
TOTAL =			54

SHORT TERM PAVEMENT MARKING REMOVAL					
	STATION		LENGTH (FT)	WIDTH (FT)	SQ FT
	FROM	TO			
CENTERLINE	173+00.00	176+00.00	30.00	0.33	10
LT	173+00.00	176+00.00	12.00	0.33	4
RT	173+00.00	176+00.00	12.00	0.33	4
REMOVAL FOR BLACKOUT TAPE 5"					
	STATION		LENGTH (FT)	WIDTH (FT)	SQ FT
	FROM	TO			
STAGE 1					
CENTERLINE	170+64.00	172+19.00	38.75	0.42	16
CENTERLINE	176+00.00	178+07.00	51.75	0.42	22
RRPM			2.00	0.42	1
LT	172+22.00	176+44.00	422.00	0.42	176
STAGE 2					
RT	172+30.00	176+36.00	406.00	0.42	169
TOTAL =					402

TEMPORARY CONCRETE BARRIER			
	STATION		LENGTH (FT)
	FROM	TO	
STAGE 1			
TAPER	172+15.00	173+77.00	163
TANGENT	173+77.00	174+89.00	125
TAPER	174+89.00	176+51.00	150
TOTAL =			438

RELOCATE TEMPORARY CONCRETE BARRIER			
	STATION		LENGTH (FT)
	FROM	TO	
STAGE 2			
TAPER	172+40.00	173+77.00	137
TANGENT	173+77.00	174+89.00	112
TAPER	174+89.00	176+27.00	138
TOTAL =			388

PAINT PAVEMENT MARKING - LINE 4"				
	STATION		LENGTH (FT)	COLOR
	FROM	TO		
CENTERLINE	171+99.00	176+67.00	117.00	YELLOW
LT	171+99.00	176+67.00	468.00	WHITE
RT	171+99.00	176+67.00	468.00	WHITE
TOTAL =			1053	

GUARDRAIL REMOVAL			
L/R	STATION		LENGTH (FT)
	FROM	TO	
L	173+07.00	176+21.00	314.0
R	172+57.00	175+59.00	302.0
TOTAL =			616

PINNING TEMPORARY CONCRETE BARRIER					
	STATION		LENGTH (FT)	SECTIONS (EACH)	PINS (EACH)
	FROM	TO			
STAGE 1					
	173+95.00	174+69.00	74.00	7.00	21
TRANSITIONS					6
RAMPS & TEMP. SLAB (ALL PINS TRAFFIC SIDE) (ROUNDED UP TO INCLUDE FULL SECTIONS)					TOTAL = 27

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

SCHEDULE OF QUANTITIES

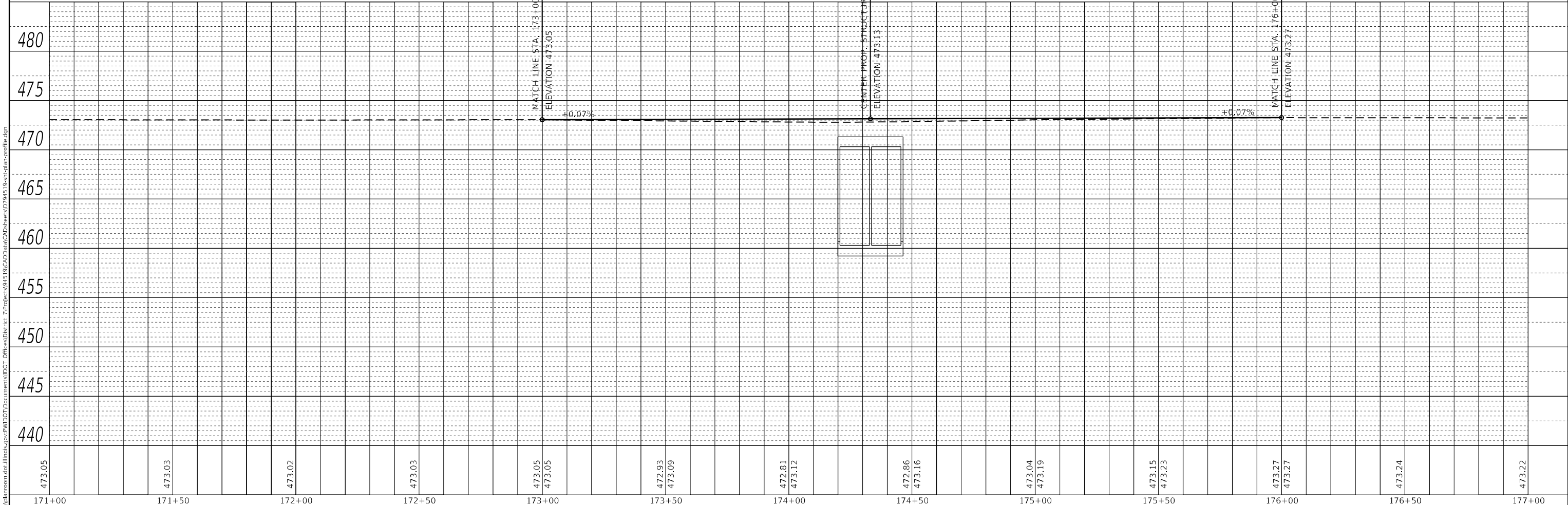
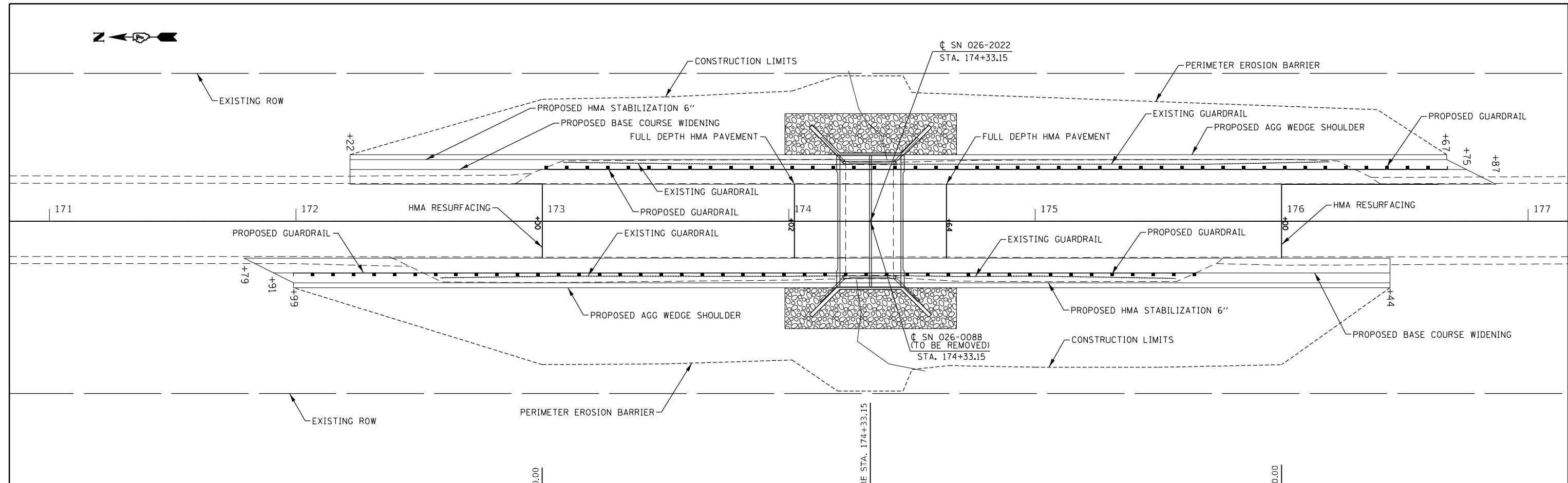
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	11
			CONTRACT NO. 94519	
		ILLINOIS	FED. AID PROJECT	



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	PLOTTED		
	ALIGNMENT CHECKED		
	GRADE CHECKED		
	STRUCTURE NOTATIONS CHECKED		
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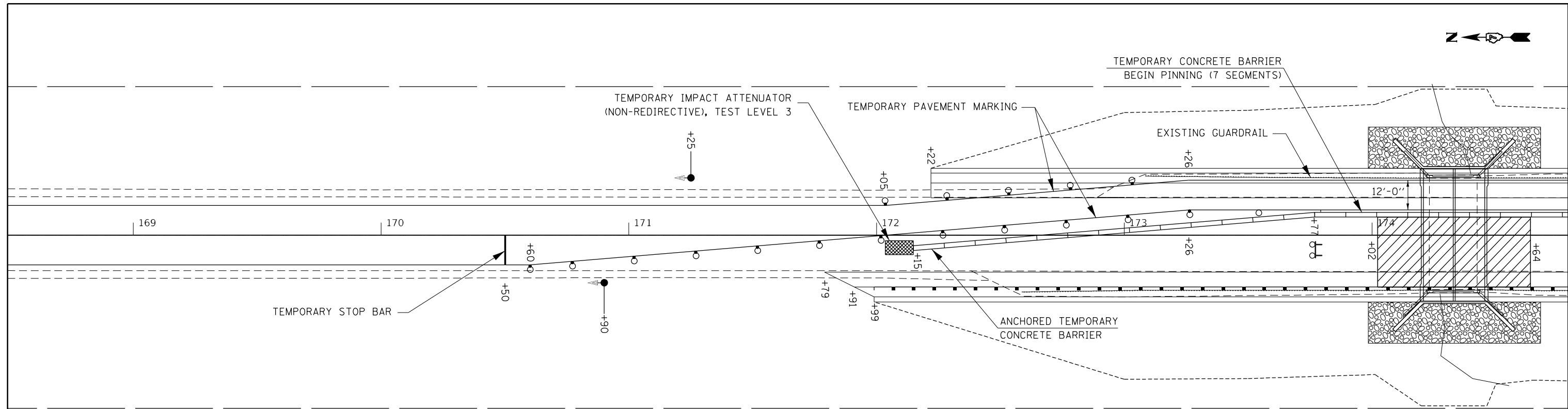
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 OFFICE: DISTRICT 7
 USER: steffenmk

USER NAME = steffenmk	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

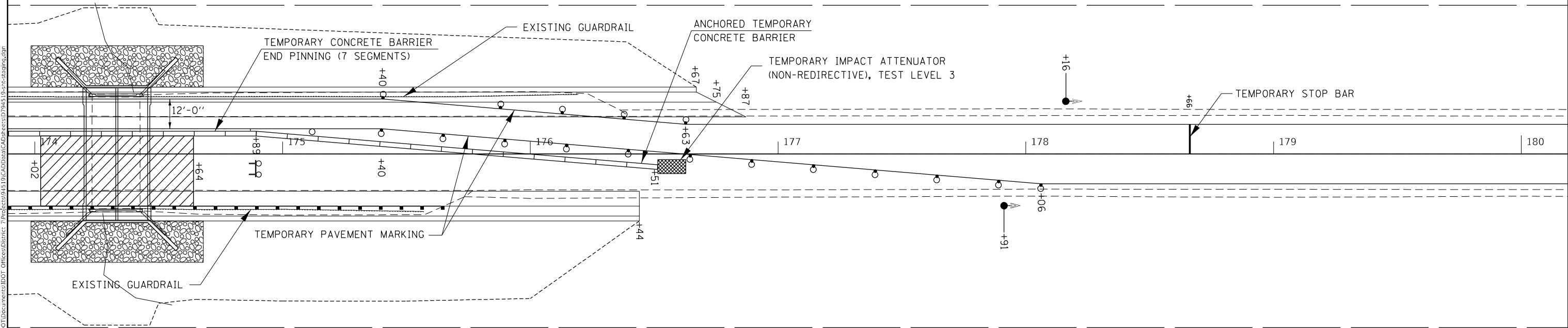
PLAN AND PROFILE			
SCALE:	SHEET 1	OF 1	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	12
94519			ILLINOIS FED. AID PROJECT	



- SUGGESTED PRE-STAGE SEQUENCE OF OPERATIONS:**
1. REMOVE EXIST. SHOULDERS AND EXCAVATE WEST SIDE FOR BASE COURSE WIDENING 11".
 2. CONSTRUCT 6' OF BASE COURSE WIDENING 11" ON WEST SIDE.
 3. INSTALL TEMPORARY TRAFFIC SIGNALS (PER TRAFFIC CONTROL STANDARD 701316)
 4. REMOVE HMA WEARING SURFACE FROM NB LANE OF BRIDGE.
 5. REMOVE EXIST. SHOULDERS AND EXCAVATE EAST SIDE FOR BASE COURSE WIDENING 11"
 6. CONSTRUCT TEMP. SLAB OVER NB LANE OF BRIDGE.
 7. CONSTRUCT 6' OF BASE COURSE WIDENING ON EAST SIDE AND CONSTRUCT HMA RAMPS ONTO TEMP. SLAB.

- SUGGESTED STAGE I SEQUENCE OF OPERATIONS:**
1. ACTIVATE TEMPORARY TRAFFIC SIGNALS.
 2. INSTALL TEMPORARY CONCRETE BARRIERS, TEMPORARY IMPACT ATTENUATORS AND TRAFFIC CONTROL DEVICES.
 3. CONSTRUCT THE STAGE I PORTION OF THE PROPOSED STRUCTURE.
 4. CONSTRUCT EARTHWORK, AND GUARDRAIL ON WEST SIDE.
 5. LAY FIRST LIFT OF HMA SURFACE ON SB LANE.
 6. CONSTRUCT REMAINING 4' OF BASE COURSE WIDENING ON WEST SIDE.



SYMBOLS

- WORK AREA
- TEMPORARY CONCRETE BARRIER
- DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TRAFFIC SIGNAL
- IMPACT ATTENUATOR
- DRUM

NOTES

SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701321 FOR INFORMATION NOT SHOWN ON THIS SHEET

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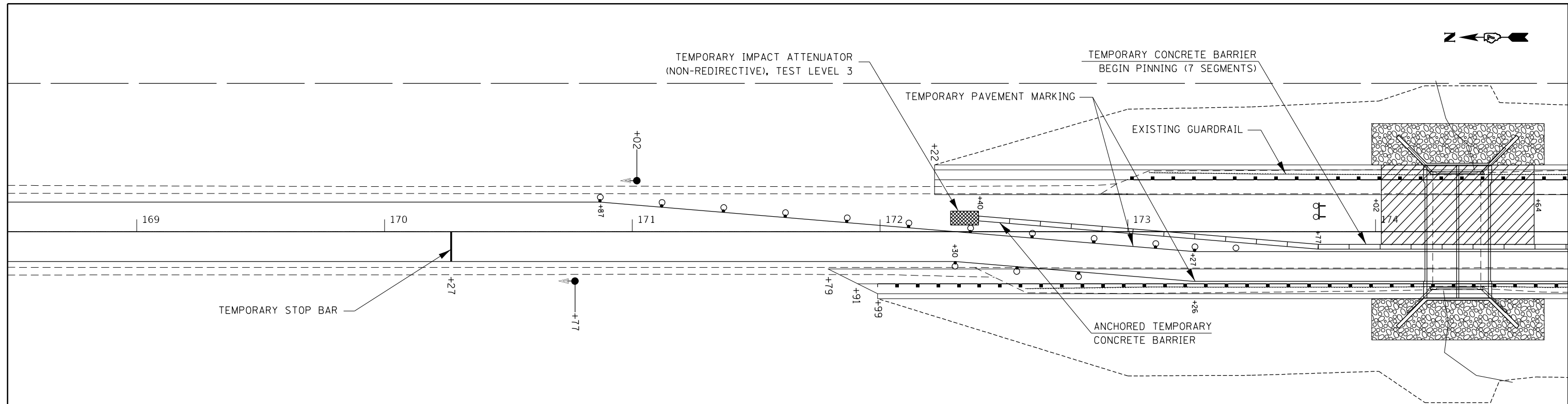
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL STAGING
STAGE I**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	13
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

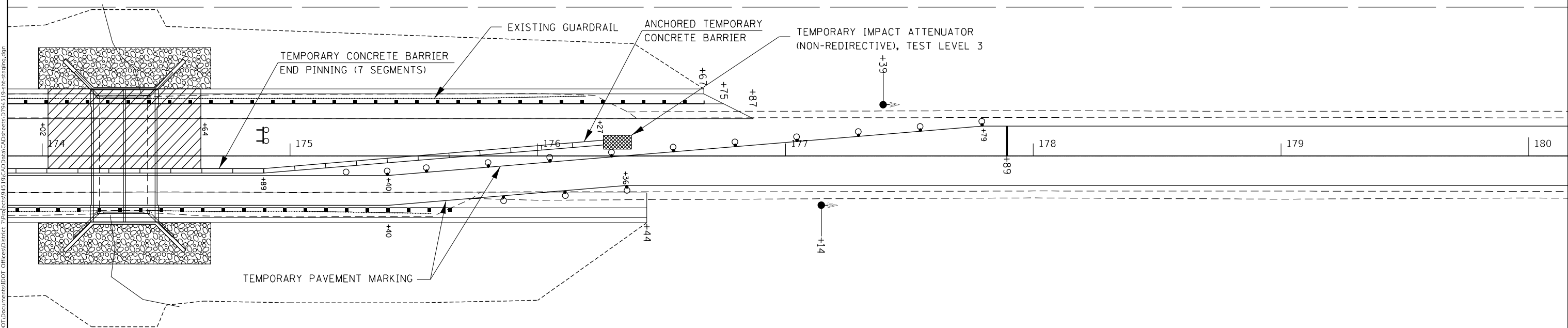


SUGGESTED STAGE II SEQUENCE OF OPERATIONS:

1. RELOCATE TEMPORARY CONCRETE BARRIERS, IMPACT ATTENUATORS, AND TRAFFIC CONTROL DEVICES AS REQUIRED.
2. CONSTRUCT STAGE II PORTION OF PROPOSED STRUCTURE AND COMPLETE RIP RAP.
3. CONSTRUCT REMAINING 4' OF BASE COURSE WIDENING, EARTHWORK, GUARDRAIL, ETC. ON EAST SIDE.

SUGGESTED POST-STAGE SEQUENCE OF OPERATIONS:

1. REMOVE ALL TEMPORARY TRAFFIC BARRIERS AND CONTROL DEVICES.
2. SHIFT TRAFFIC AS REQUIRED TO PERFORM MILLING, CONSTRUCT FINAL LIFT OF HMA SURFACE ON BOTH LANES, FINAL LIFT OF HMA SHOULDERS, AGG WEDGE SHOULDERS, AND STRIPING.



SYMBOLS

- WORK AREA
- TEMPORARY CONCRETE BARRRIER
- DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
- IMPACT ATTENUATOR
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DRUM
- TRAFFIC SIGNAL

NOTES

SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701321 FOR INFORMATION NOT SHOWN ON THIS SHEET

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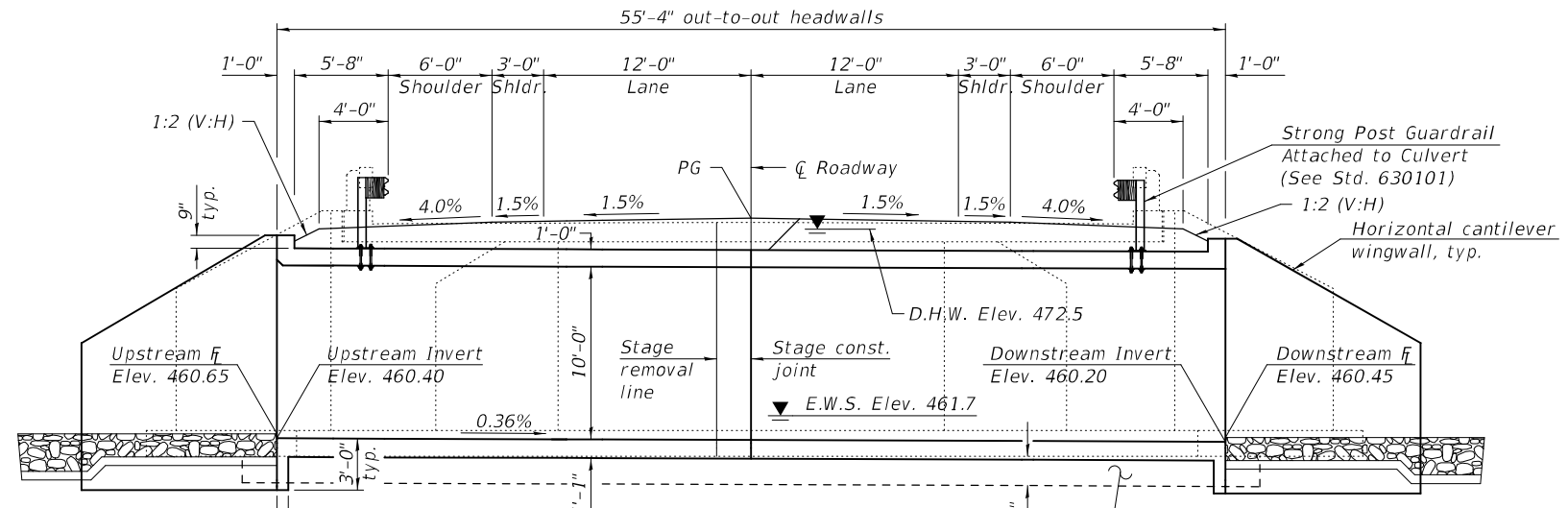
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL STAGING
STAGE II**

SCALE: SHEET OF SHEETS STA. TO STA.

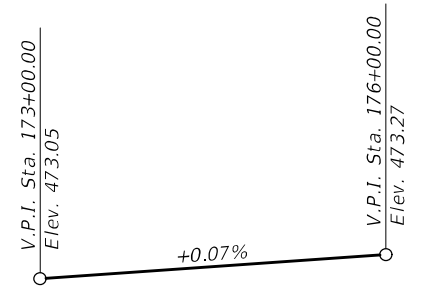
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	14
CONTRACT NO. 94519			ILLINOIS FED. AID PROJECT	



Benchmark: Chiseled square on Southeast corner of structure 026-0088, Sta. 174+43, 22' Lt., Elev. 472.67

Existing Structure: Structure number 026-0088 built in 1920 as State Bond Issue Route 2, Section 23C as a single span reinforced concrete slab bridge on closed abutments and spread footings; 21'-6" back-to-back of abutments and 22'-0" out-to-out. Widened in 1964 as SBI Route 2, Section 23BY-4 to 46'-4" out-to-out. The existing structure is to be removed and replaced with a cast-in-place double box culvert. Traffic will be maintained utilizing stage construction.

No Salvage

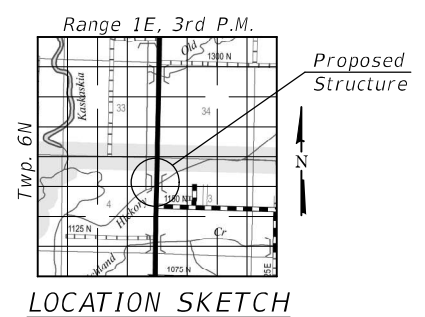
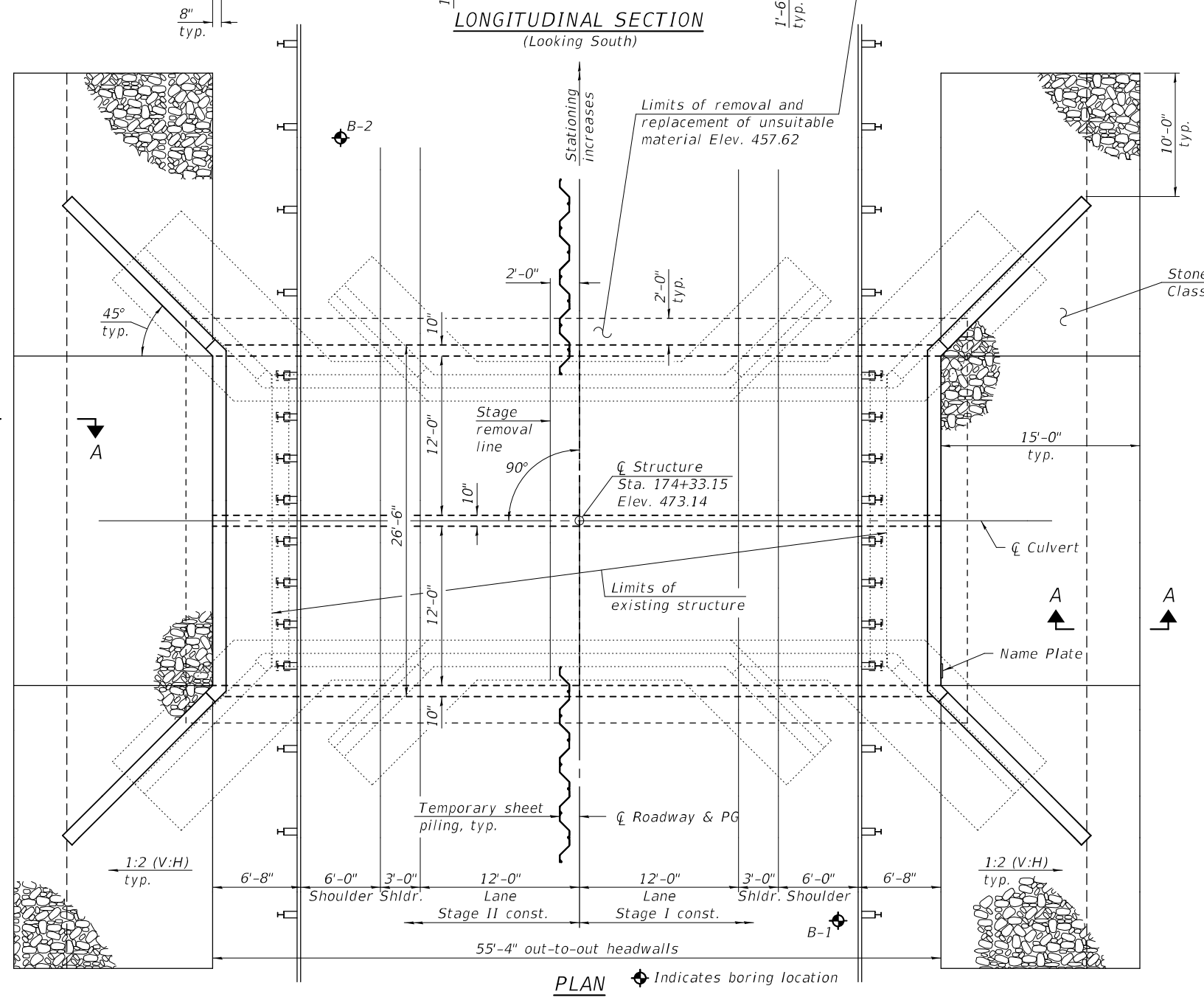


INDEX OF SHEETS

- 1 - General Plan & Elevation
- 2 - General Data
- 3 - Stage Construction Details
- 4 - Temporary Sheet Piling
- 5 - Temporary Concrete Barrier
- 6 - Culvert Details - Top Slab
- 7 - Culvert Details - Bottom Slab
- 8-9 - Culvert Details
- 10 - Bar Splicer Assembly Details
- 11 - Soil Boring Logs

PROFILE GRADE
(Along centerline roadway)

Note:
The limits and quantities of removal and replacement shown are based on the boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field.
The rock fill shall be capped with 6 inches of CA7 and satisfy the Standard Specifications unless otherwise indicated in the Special Provisions. The cost of the capping material shall be included in the pay item for Rock Fill - Replacement.



STATION 174+33.15
BUILT 201 BY
STATE OF ILLINOIS
F.A.P. RTE 322 SEC. (23-3)B
LOADING HL-93
STRUCTURE NO. 026-2022

NAME PLATE
See Std. 515001

DESIGN SPECIFICATIONS
2017 AASHTO LRFD Bridge Design Specifications, 8th Edition

DESIGN STRESSES
FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

LOADING HL-93
Allow 50#/sq. ft. for future wearing surface.

GENERAL PLAN & ELEVATION
U.S. ROUTE 51 OVER UNNAMED STREAM
F.A.P. ROUTE 322 - SEC. (23-3)B
FAYETTE COUNTY
STATION 174+33.15
STRUCTURE NO. 026-2022



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DESIGNED - JOSEPH G. YOUNG	EXAMINED - <i>Jay F. [Signature]</i>
CHECKED - ALEX J. RUSH	PASSED - <i>[Signature]</i>
DRAWN - DENNIS A. POP	
CHECKED - J.G.Y. / H.S.S. / G.R.A.	

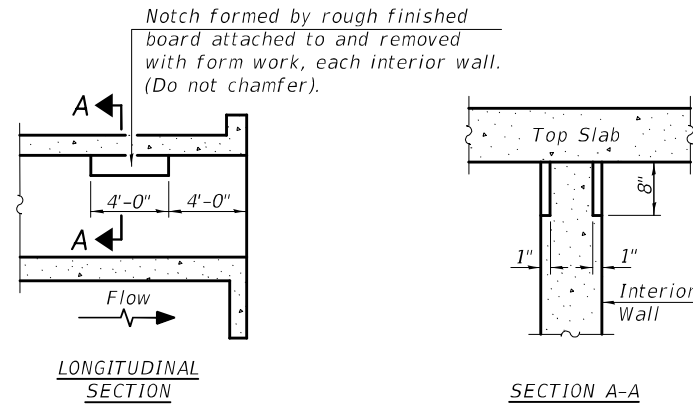
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

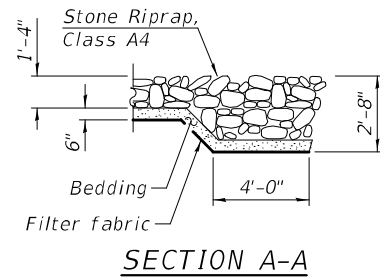
F.A.P. RTE. 322	SECTION (23-3)B	COUNTY FAYETTE	TOTAL SHEETS 40	SHEET NO. 15
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
 Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure. The Contractor shall sawcut the upper portion of the existing abutment at the stage removal line before Stage I removal to ensure the remaining portion will not be prematurely damaged.
 Precast alternate is not allowed.



PHOEBE NESTING
SITE DETAILS
 (Downstream End Only)



WATERWAY INFORMATION

Existing Overtopping Elev. 472.81 ft. at Sta. 174+00
 Drainage Area = 1.83 Sq. Mi. Proposed Overtopping Elev. 472.81 ft. at Sta. 174+00

Flood	Freq. Yr.	Q C.F.S.	Opening Ft ²		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
	10	296	168	234	470.6	0.1	0.0	470.7	470.6
Design	50	461	172	234	472.5	0.2	0.0	472.7	472.5
Overtopping (Exist.)	60	483	172	-	472.6	0.2	-	472.8	-
Overtopping (Prop.)	70	499	-	234	472.8	-	0.1	-	472.9
Base	100	534	172	234	473.2	0.0	0.1	473.2	473.3
Scour Design Check	200	609	172	234	473.5	0.1	0.0	473.6	473.5
Max. Calc.	500	707	172	234	473.9	0.1	0.0	474.0	473.9

10-Year outlet velocity from existing structure = 1.7 fps
 10-Year outlet velocity from proposed structure = 1.3 fps

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal and Disposal of Unsuitable Material	Cu. Yd.	202
Stone Riprap, Class A4	Sq. Yd.	238
Filter Fabric	Sq. Yd.	238
Removal of Existing Structures	Each	1
Reinforcement Bars	Pound	43270
Bar Splicers	Each	168
Name Plates	Each	1
Temporary Sheet Piling	Sq. Ft.	955
Concrete Box Culverts	Cu. Yd.	212
Rock Fill - Replacement	Ton	364
Membrane Waterproofing System for Buried Structures	Sq. Yd.	181
Strong Post Guardrail Attached to Culvert	Foot	53
Concrete Superstructure	Cu. Yd.	14.0
Geocomposite Wall Drain	Sq. Yd.	181

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DESIGNED - JOSEPH G. YOUNG	EXAMINED
CHECKED - ALEX J. RUSH	PASSED
DRAWN - DENNIS A. POP	
CHECKED - J.G.Y. / H.S.S. / G.R.A.	

DATE - MARCH 18, 2021

REVISOR OF BRIDGE DESIGN

ENGINEER OF BRIDGES AND STRUCTURES

REVISOR	DATE
REVISOR	DATE

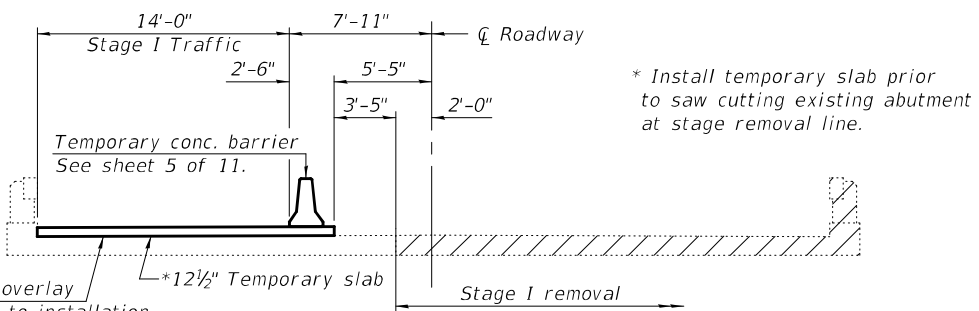
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
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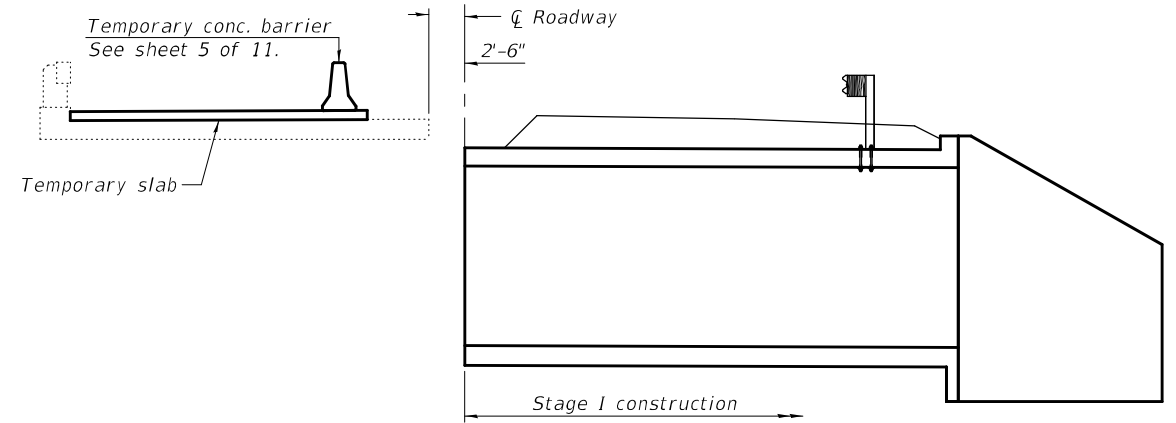
SHEET 2 OF 11 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	16
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

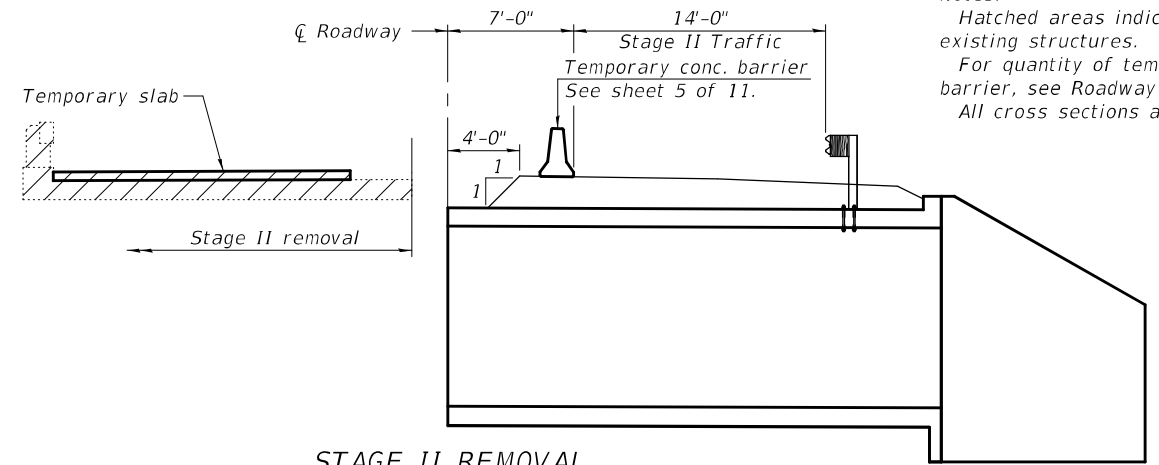
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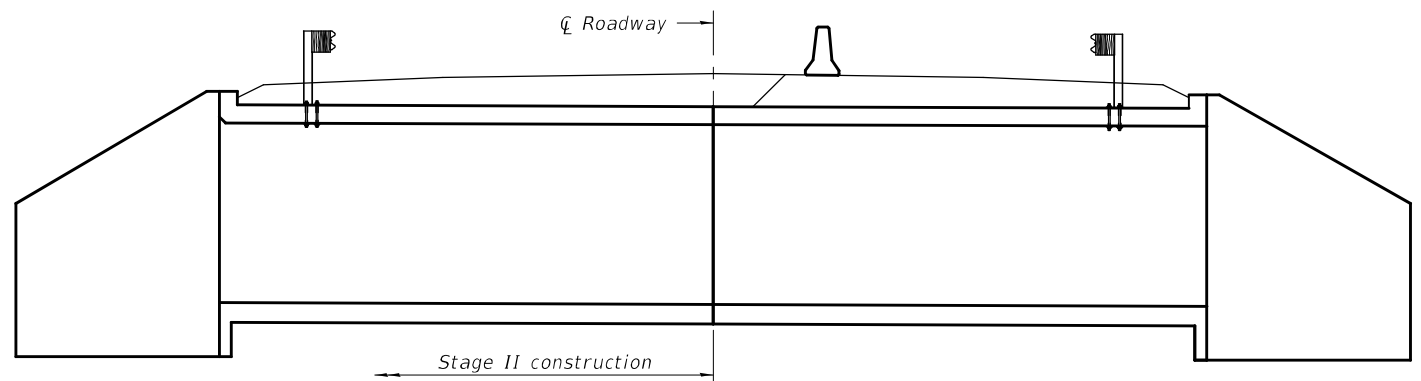
STAGE I REMOVAL



STAGE I CONSTRUCTION

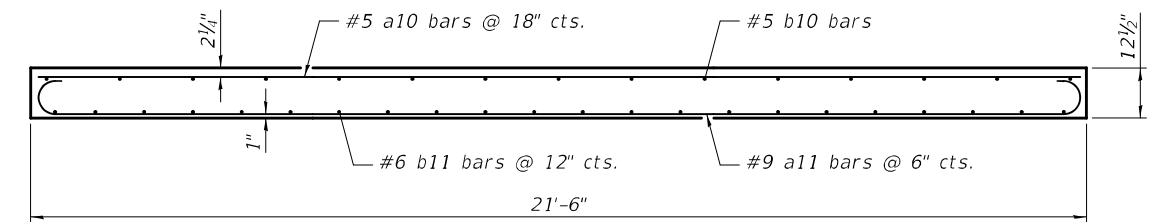


STAGE II REMOVAL



STAGE II CONSTRUCTION

Notes:
 Hatched areas indicate removal of
 existing structures.
 For quantity of temporary concrete
 barrier, see Roadway Plans.
 All cross sections are taken looking South.

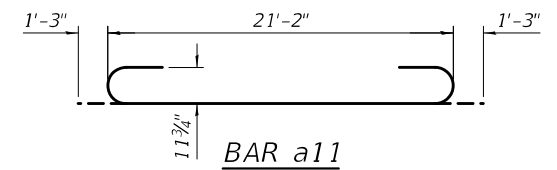
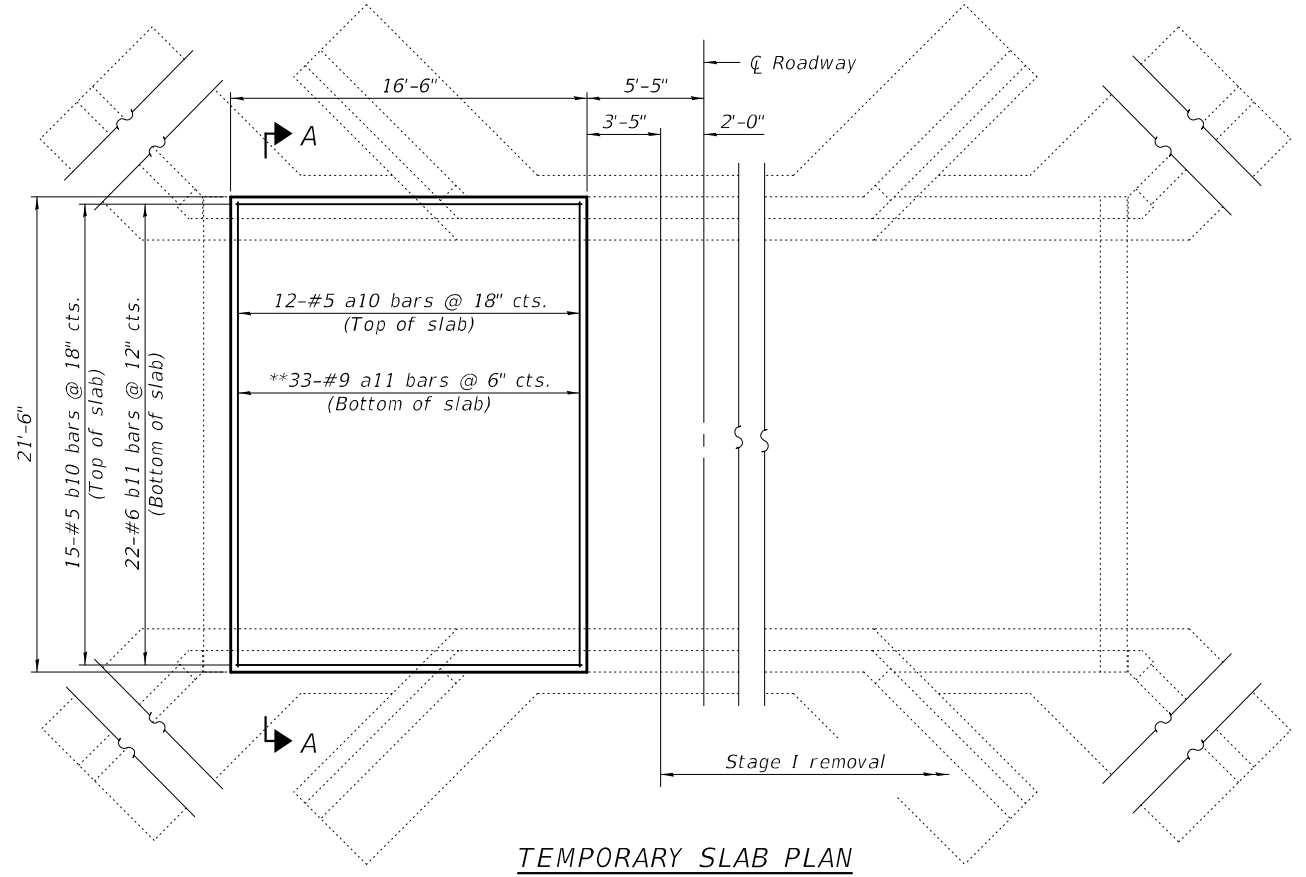


SECTION A-A

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a10	12	#5	21'-2"	—
a11	33	#9	23'-8"	⌋
b10	15	#5	16'-2"	—
b11	22	#6	16'-2"	—
Concrete Superstructure			Cu. Yd.	13.7
Reinforcement Bars			Pound	3710

** Tilt #9 a11 bars as
 required to maintain clearance.



DESIGNED - JOSEPH G. YOUNG	EXAMINED -
CHECKED - ALEX J. RUSH	PASSED -
DRAWN - DENNIS A. POP	
CHECKED - J.G.Y. / H.S.S. / G.R.A.	

DATE - MARCH 18, 2021

REVISOR -

REVISOR -

JOYCE F. JEFFERS
 ENGINEER OF BRIDGE DESIGN

CARL KUNZ
 ENGINEER OF BRIDGES AND STRUCTURES

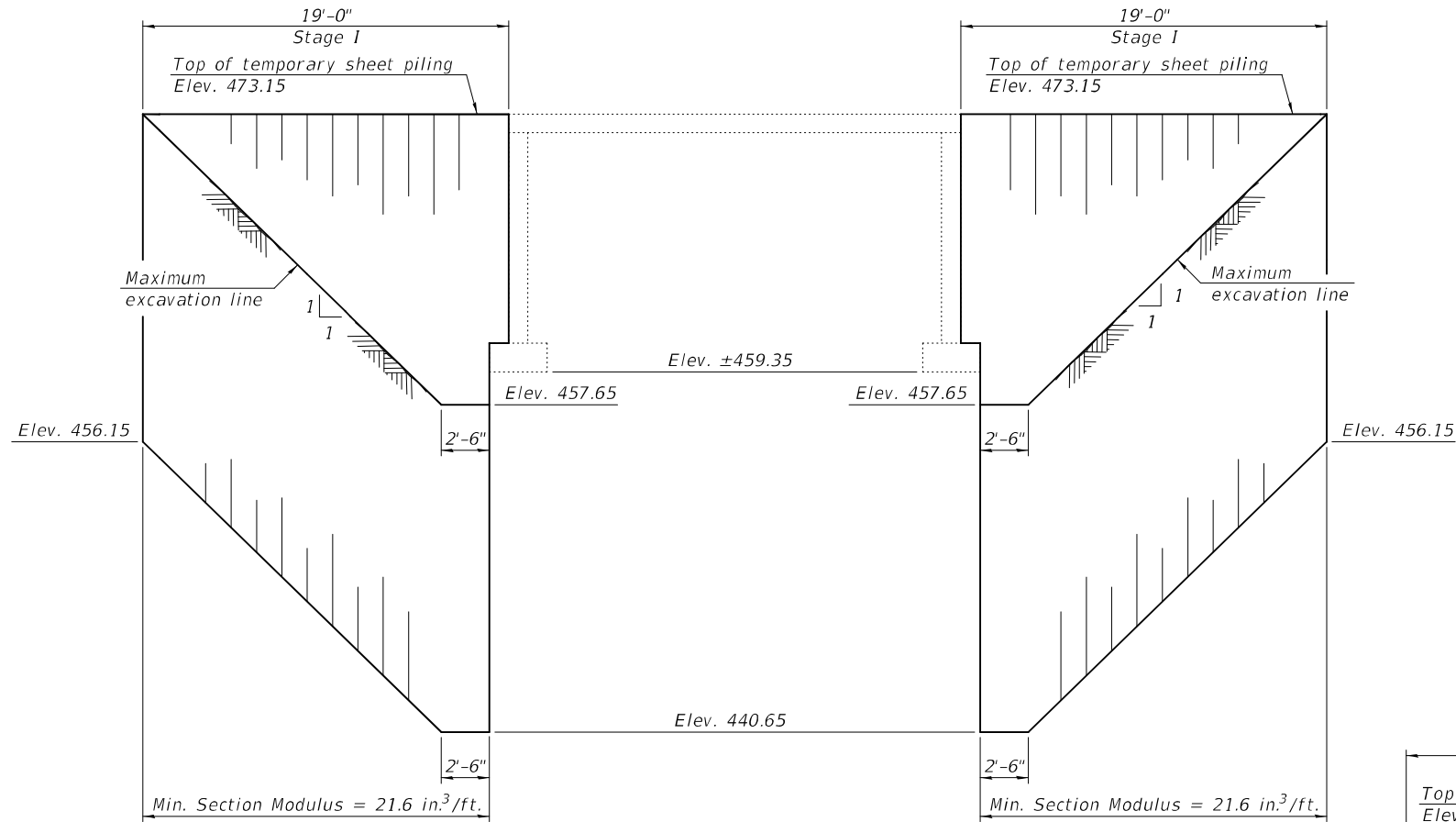
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION DETAILS
 STRUCTURE NO. 026 - 2022

SHEET 3 OF 11 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	17
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

MODEL: 0262022-94519-004
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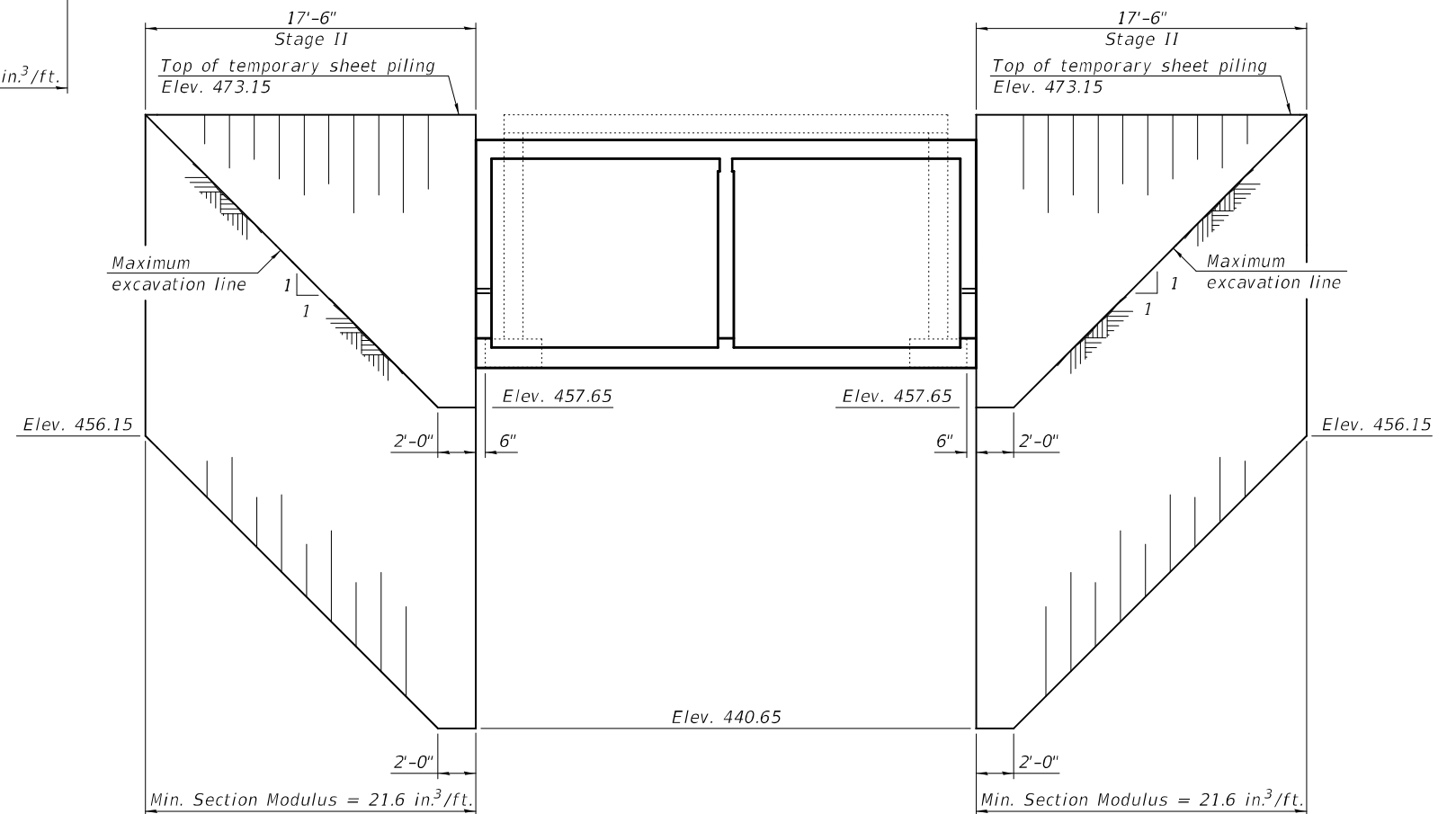


STAGE I TEMPORARY SHEET PILING

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Temporary Sheet Piling	Sq. Ft.	955

Note:
 If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.



STAGE II TEMPORARY SHEET PILING

DESIGNED -	JOSEPH G. YOUNG
CHECKED -	ALEX J. RUSH
DRAWN -	DENNIS A. POP
CHECKED -	J.G.Y. / H.S.S. / G.R.A.

EXAMINED	<i>Joanne F. J. [Signature]</i>
PASSED	<i>Carl [Signature]</i>
	ENGINEER OF BRIDGES AND STRUCTURES

DATE -	MARCH 18, 2021
REVISED -	
REVISED -	

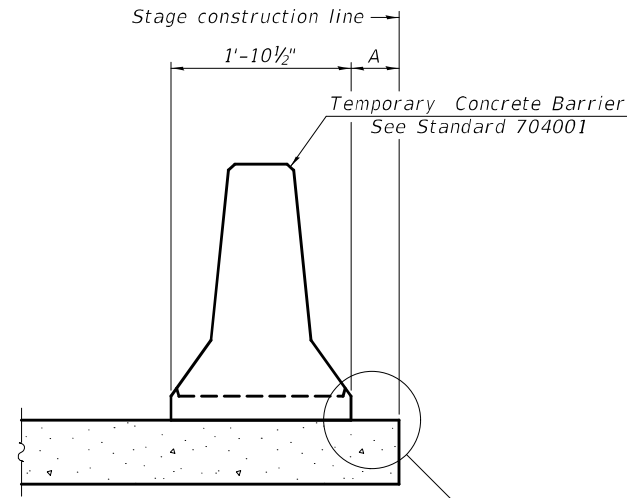
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY SHEET PILING
 STRUCTURE NO. 026 - 2022**

SHEET 4 OF 11 SHEETS

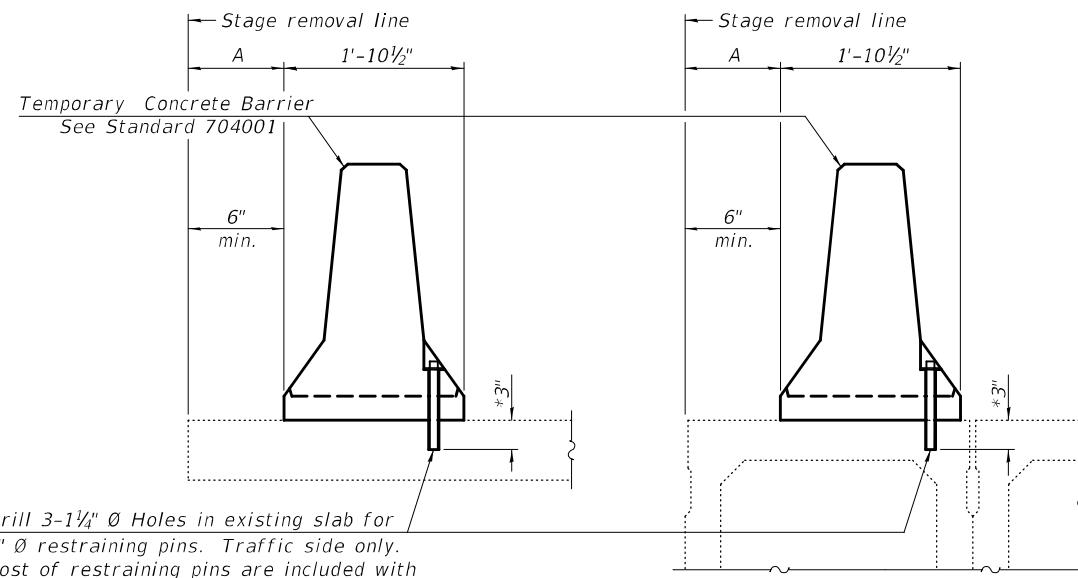
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	18
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

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When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

NEW SLAB OR NEW DECK BEAM



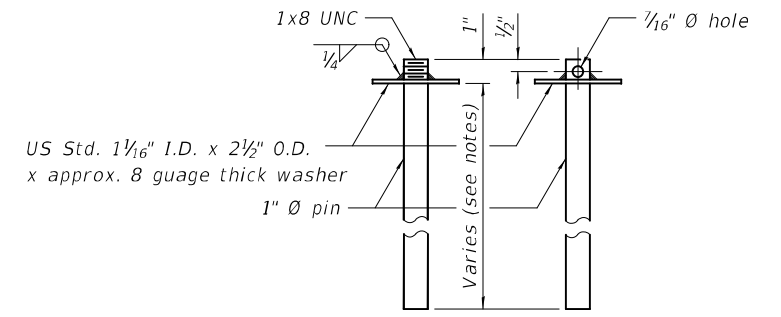
Drill 3-1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

EXISTING SLAB

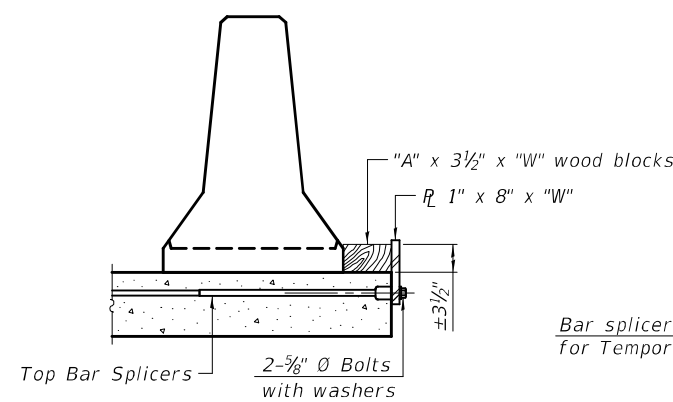
EXISTING DECK BEAM

* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

SECTIONS THRU SLAB OR DECK BEAM

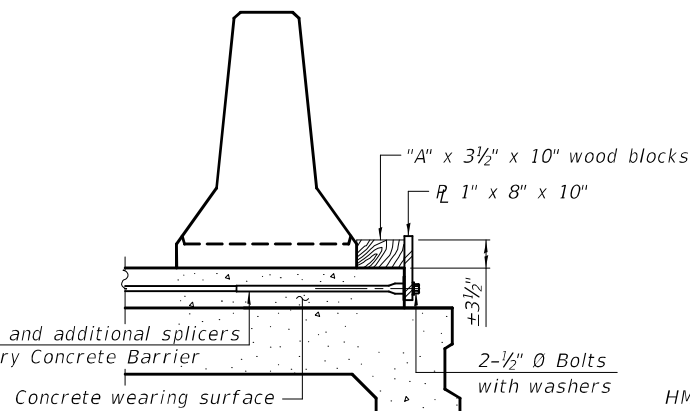


RESTRAINING PIN

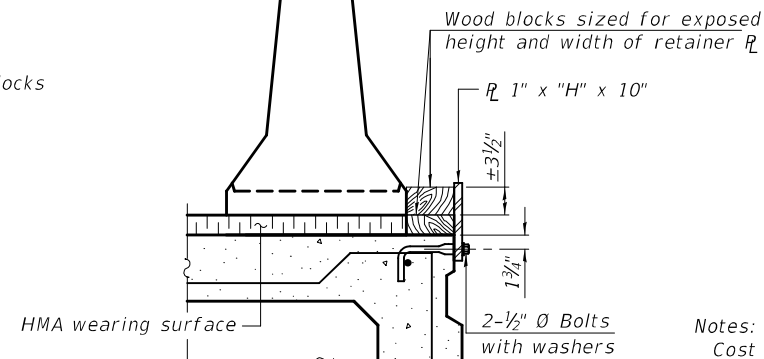


DETAIL I

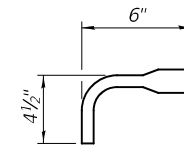
Bar splicers and additional splicers for Temporary Concrete Barrier



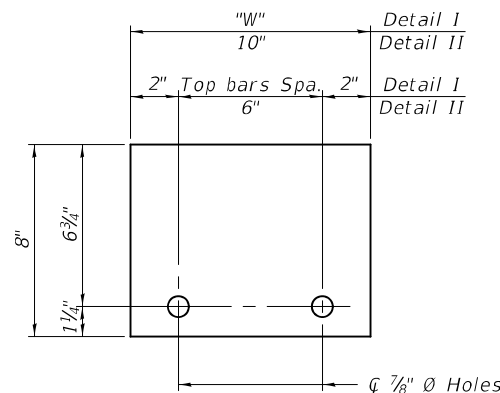
DETAIL II



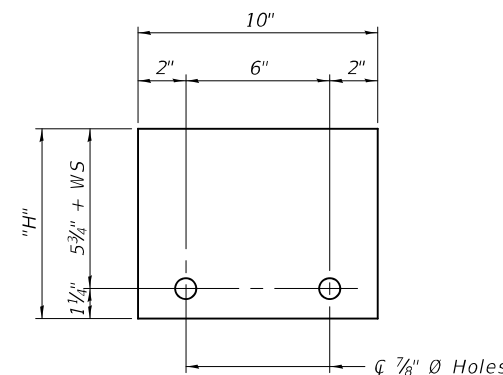
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER 1" x 8" x "W"
(Detail I and II)



STEEL RETAINER 1" x "H" x 10"
(Detail III)

Notes:
 Cost of retainer assembly is included with Temporary Concrete Barrier.
 A retainer assembly shall be located at the approximate center of each temporary concrete barrier.
 The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
 When the 'A' dimension is less than 1 1/2', the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.
Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.
Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

R-27 8-11-2017

DESIGNED - JOSEPH G. YOUNG	EXAMINED
CHECKED - ALEX J. RUSH	PASSED
DRAWN - DENNIS A. POP	
CHECKED - J.G.Y. / H.S.S. / G.R.A.	

ENGINEER OF BRIDGE DESIGN

 ENGINEER OF BRIDGES AND STRUCTURES

DATE - MARCH 18, 2021
REVISED -
REVISED -

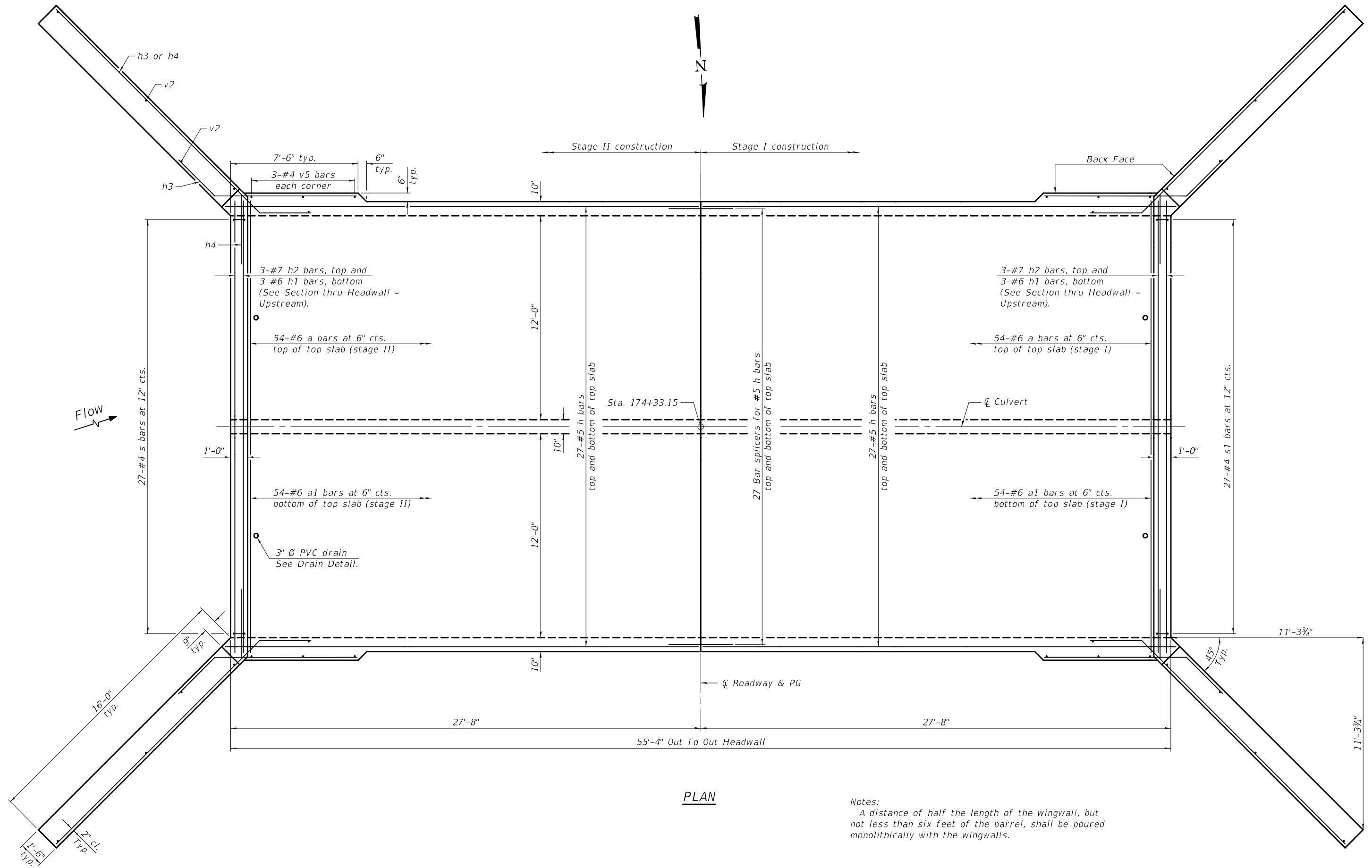
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
STRUCTURE NO. 026 - 2022**

SHEET 5 OF 11 SHEETS

F.A.P. RTE. 322	SECTION (23-3)B	COUNTY FAYETTE	TOTAL SHEETS 40	SHEET NO. 19
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

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PLAN

Notes:
 A distance of half the length of the wingwall, but not less than six feet of the barrel, shall be poured monolithically with the wingwalls.

DESIGNED -	JOSEPH G. YOUNG
CHECKED -	ALEX J. RUSH
DRAWN -	DENNIS A. POP
CHECKED -	J.G.Y. / H.S.S. / G.R.A.

EXAMINED	<i>Joanne F. DeLoe</i> ENGINEER OF BRIDGE DESIGN
PASSED	<i>Carl Rupp</i> ENGINEER OF BRIDGES AND STRUCTURES

DATE -	MARCH 18, 2021
REVISED -	
REVISED -	

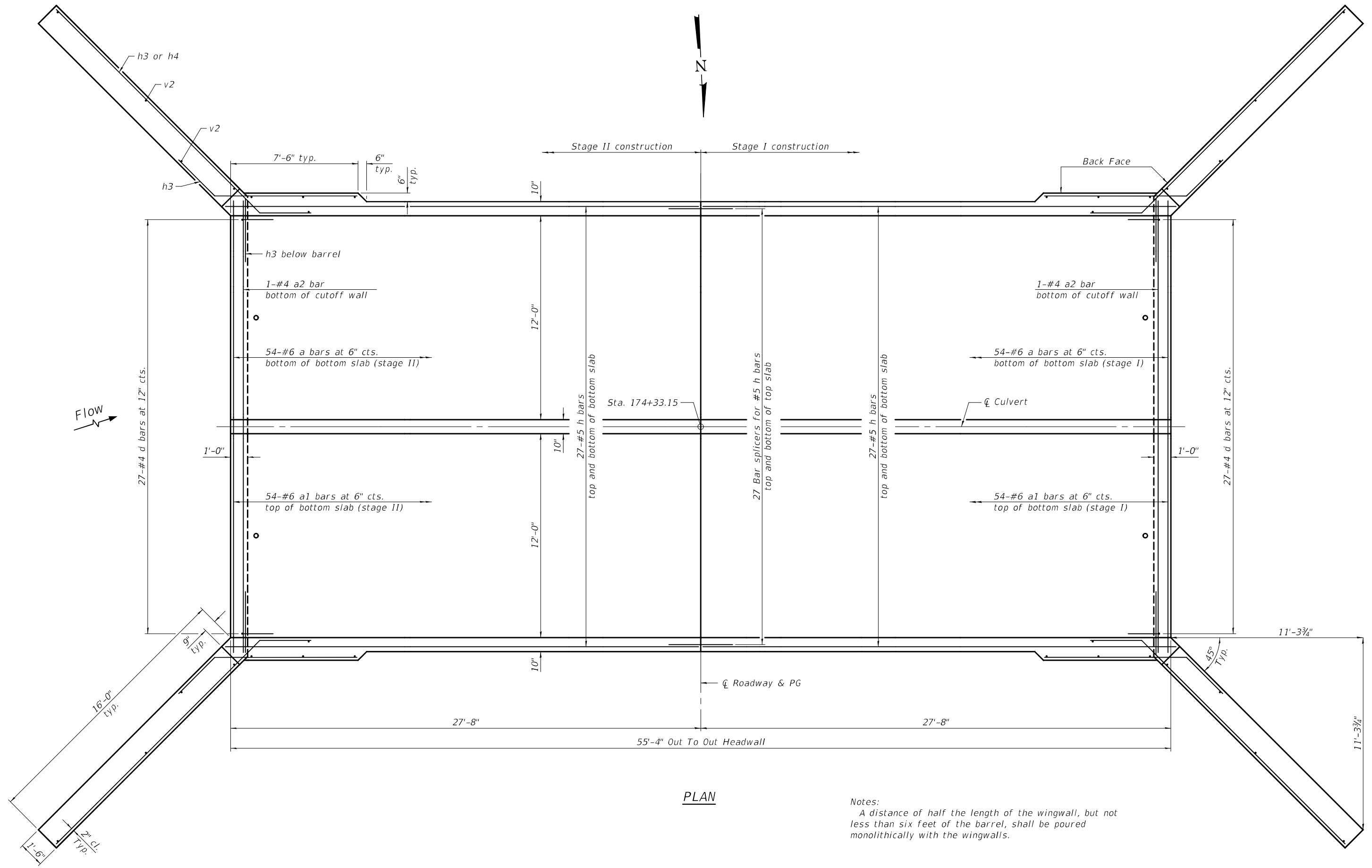
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS - TOP SLAB
 STRUCTURE NO. 026 - 2022

SHEET 6 OF 11 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	20
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

MODEL: 0262022-94519-007
 FILE NAME: p:\w\lanroom\dot\illinois\gov\p\w\dot\Documents\DOT Offices\Bureau of Bridges and Structures\Projects\0262022\CADD Plans\0262022-94519.dgn



PLAN

Notes:
 A distance of half the length of the wingwall, but not less than six feet of the barrel, shall be poured monolithically with the wingwalls.

DESIGNED -	JOSEPH G. YOUNG
CHECKED -	ALEX J. RUSH
DRAWN -	DENNIS A. POP
CHECKED -	J.G.Y. / H.S.S. / G.R.A.

EXAMINED	<i>Joanne F. J. [Signature]</i>
PASSED	<i>Carl [Signature]</i>
	ENGINEER OF BRIDGES AND STRUCTURES

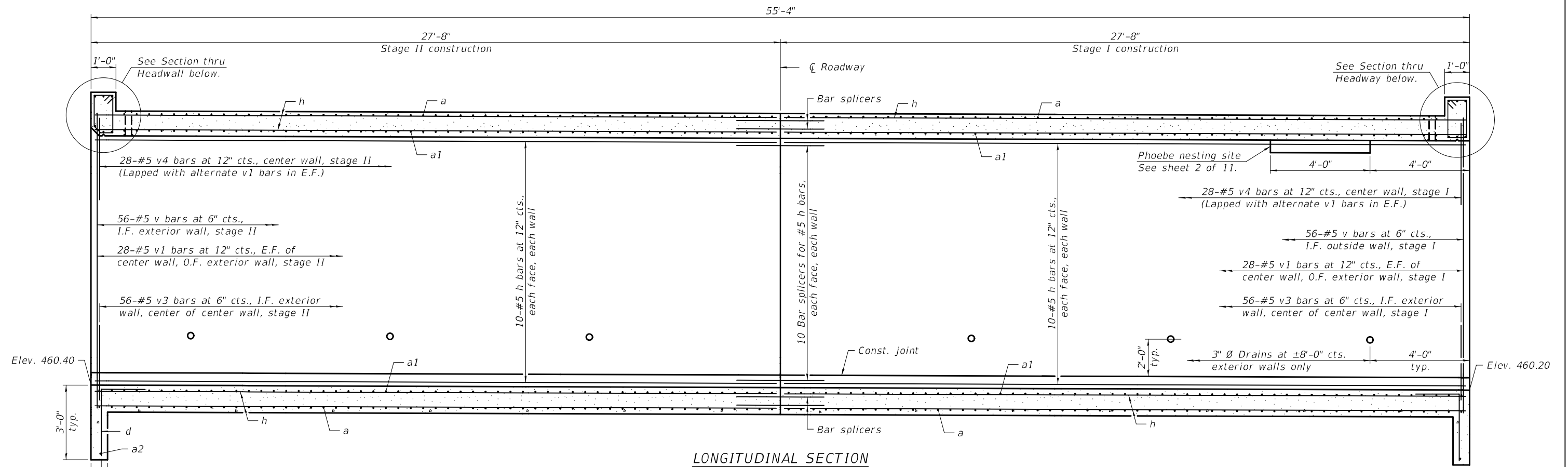
DATE -	MARCH 18, 2021
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REVISED -	

STATE OF ILLINOIS
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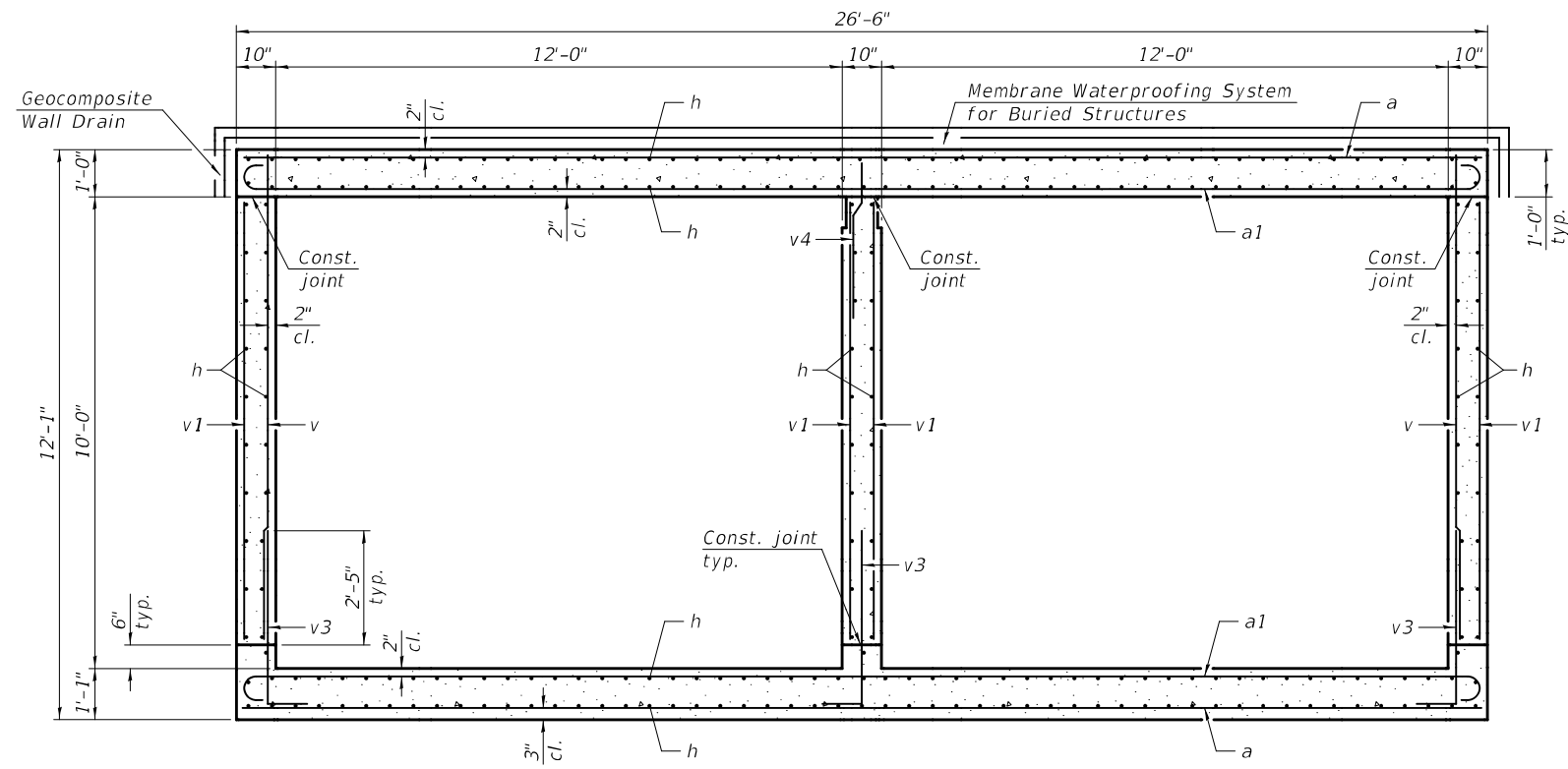
CULVERT DETAILS - BOTTOM SLAB
 STRUCTURE NO. 026 - 2022

SHEET 7 OF 11 SHEETS

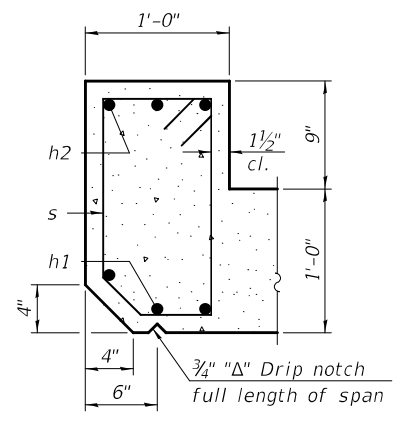
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				



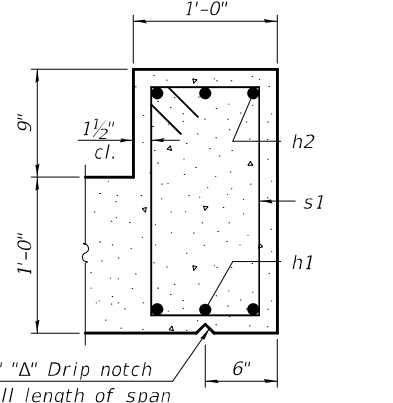
LONGITUDINAL SECTION



SECTION THRU BARREL



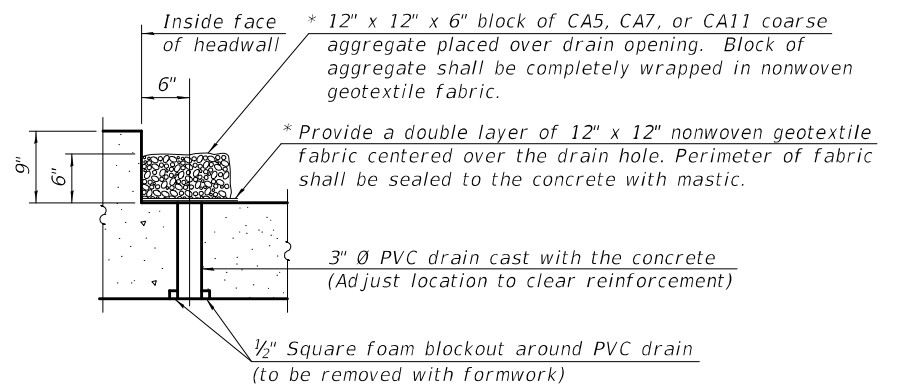
UPSTREAM



DOWNSTREAM

SECTION THRU HEADWALL

* Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.



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.)

MODEL: 0262022-94519-008
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DESIGNED - JOSEPH G. YOUNG	EXAMINED - <i>Joanne F. J. [Signature]</i>
CHECKED - ALEX J. RUSH	PASSED - <i>Carl [Signature]</i>
DRAWN - DENNIS A. POP	
CHECKED - J.G.Y. / H.S.S. / G.R.A.	

DATE - MARCH 18, 2021
REVISIONS
REVISIONS

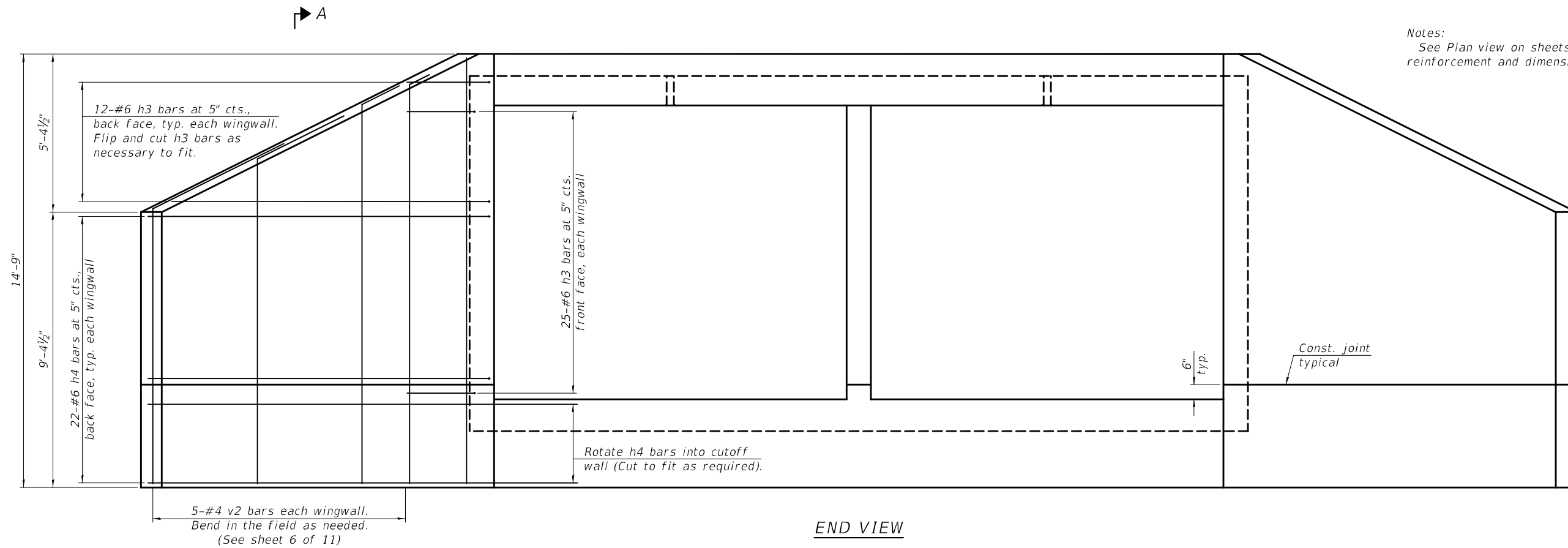
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
STRUCTURE NO. 026 - 2022

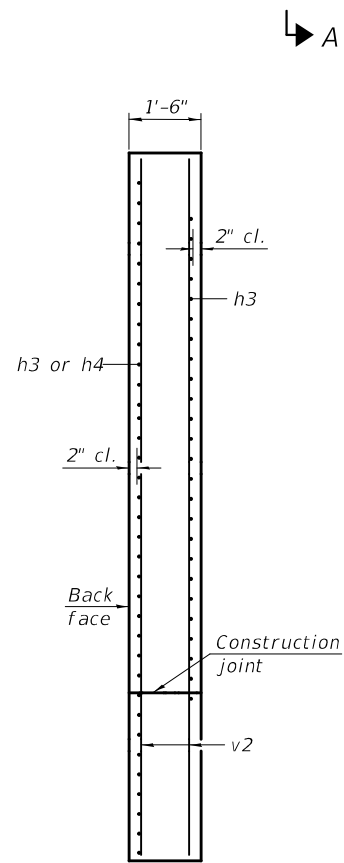
SHEET 8 OF 11 SHEETS

F.A.P. RTE. 322	SECTION (23-3)B	COUNTY FAYETTE	TOTAL SHEETS 40	SHEET NO. 22
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

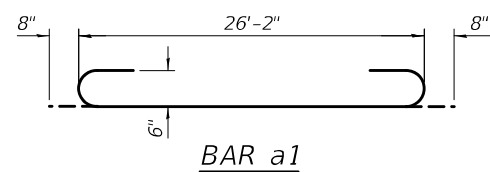
Notes:
See Plan view on sheets 6 and 7 of 11 for additional reinforcement and dimensions for each wingwall.



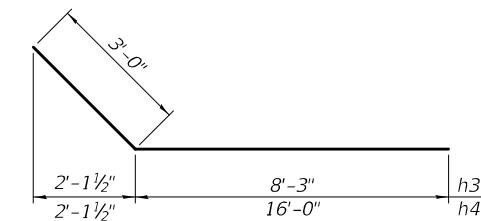
END VIEW



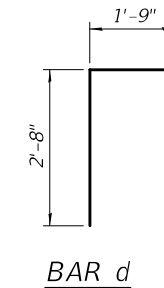
SECTION A-A



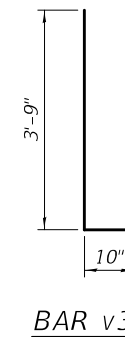
BAR a1



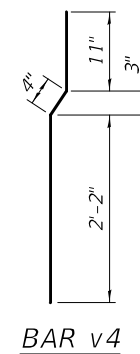
BARS h3 & h4



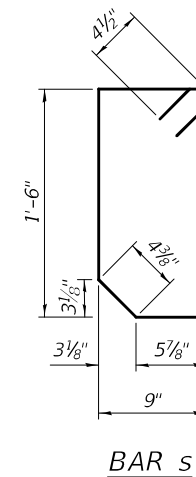
BAR d



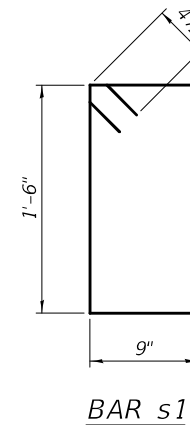
BAR v3



BAR v4



BAR s



BAR s1

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	216	#6	26'-2"	—
a1	216	#6	27'-6"	U
a2	2	#4	26'-2"	—
d	54	#4	4'-5"	L
h	336	#5	27'-4"	—
h1	6	#6	26'-2"	—
h2	6	#7	26'-2"	—
h3	148	#6	11'-3"	L
h4	88	#6	19'-0"	L
s	27	#4	5'-1"	L
s1	27	#4	5'-3"	L
v	224	#5	10'-3"	—
v1	224	#5	9'-2"	—
v2	20	#4	14'-4"	—
v3	336	#5	4'-7"	L
v4	56	#5	3'-5"	L
v5	12	#4	10'-3"	—
Concrete Box Culverts			Cu. Yd.	212
Reinforcement Bars			Pound	39560

MODEL: 0262022-94519-009
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DESIGNED - JOSEPH G. YOUNG
CHECKED - ALEX J. RUSH
DRAWN - DENNIS A. POP
CHECKED - J.G.Y. / H.S.S. / G.R.A.

EXAMINED
PASSED
ENGINEER OF BRIDGES AND STRUCTURES

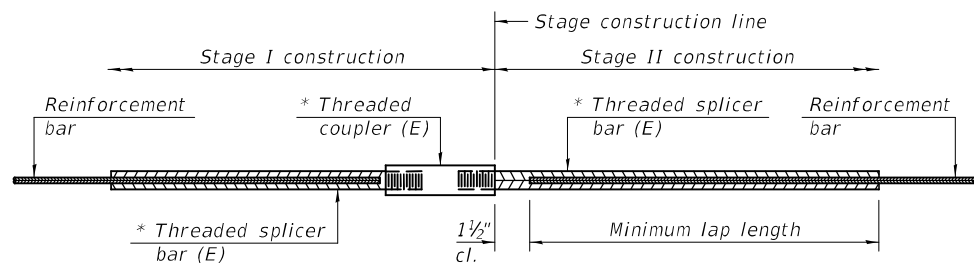
DATE - MARCH 18, 2021
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
STRUCTURE NO. 026 - 2022

SHEET 9 OF 11 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	23
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

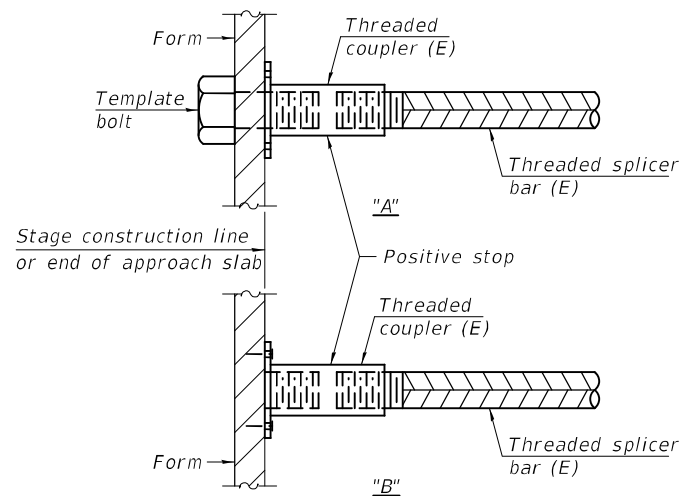


STANDARD BAR SPLICER ASSEMBLY

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

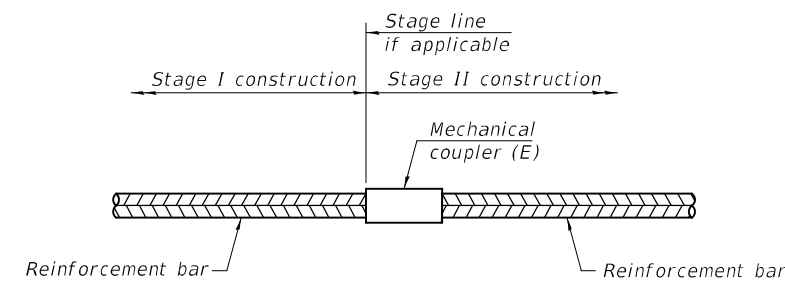
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Top slab	#5	54	2'-2"
Walls	#5	60	2'-9"
Bottom slab	#5	54	2'-2"



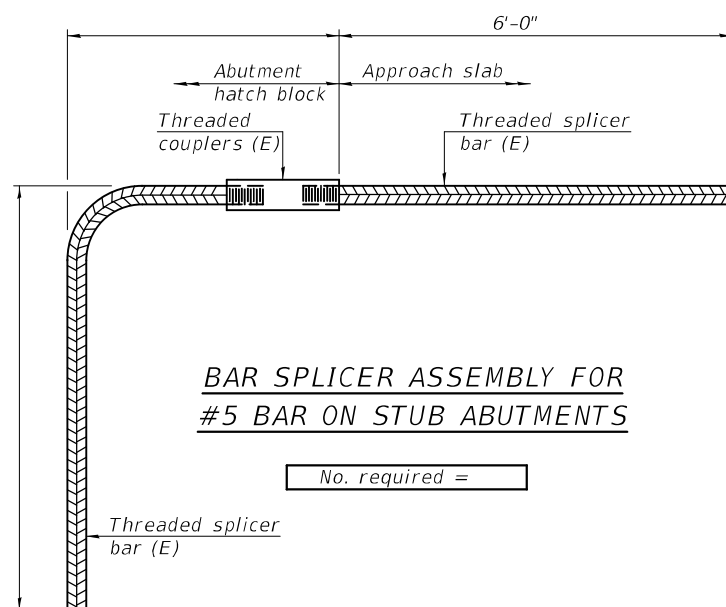
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required =

NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

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BSD-1 2-17-2017

DESIGNED - JOSEPH G. YOUNG	EXAMINED
CHECKED - ALEX J. RUSH	PASSED
DRAWN - DENNIS A. POP	
CHECKED - J.G.Y. / H.S.S. / G.R.A.	

DATE - MARCH 18, 2021
 ENGINEER OF BRIDGE DESIGN
 ENGINEER OF BRIDGES AND STRUCTURES

REVISER -	DATE -
REVISER -	DATE -

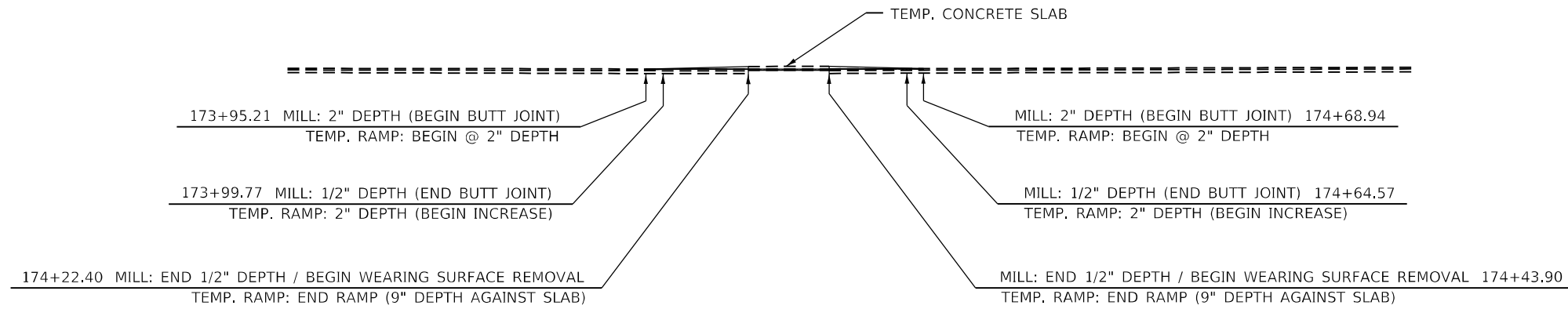
STATE OF ILLINOIS
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BAR SPLICER ASSEMBLY DETAILS
 STRUCTURE NO. 026 - 2022

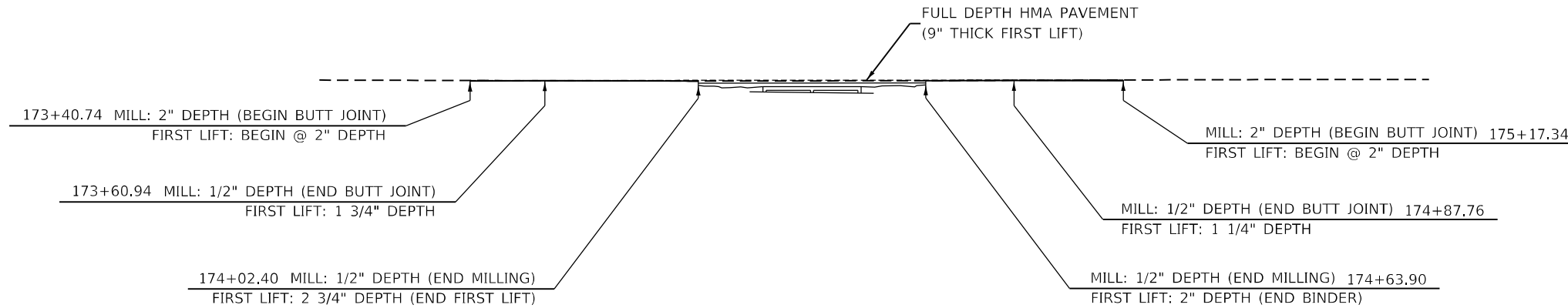
SHEET 10 OF 11 SHEETS

F.A.P. RTE. 322	SECTION (23-3)B	COUNTY FAYETTE	TOTAL SHEETS 40	SHEET NO. 24
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

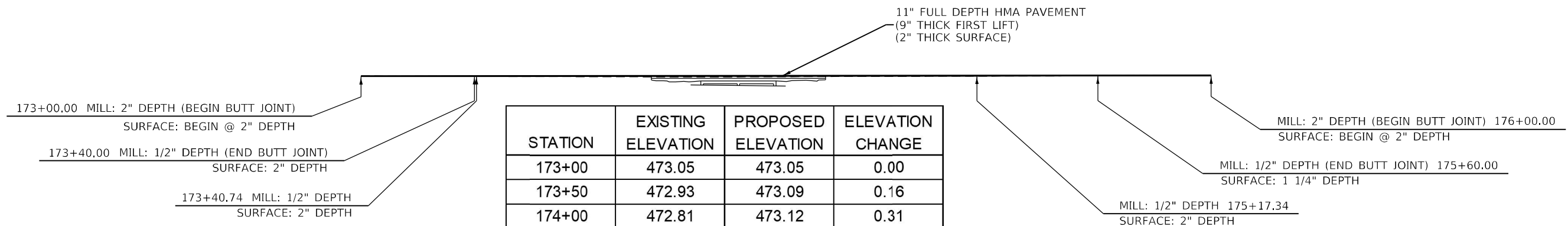
PRE-STAGE TEMP. RAMP



HMA FIRST LIFT



HMA SECOND LIFT (SURFACE)



STATION	EXISTING ELEVATION	PROPOSED ELEVATION	ELEVATION CHANGE
173+00	473.05	473.05	0.00
173+50	472.93	473.09	0.16
174+00	472.81	473.12	0.31
174+50	472.86	473.16	0.30
175+00	473.04	473.19	0.15
175+50	473.15	473.20	0.05
176+00	473.27	473.27	0.00

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 PLOT DATE: = 1/21/2021

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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/21/2021	DATE -	REVISED -

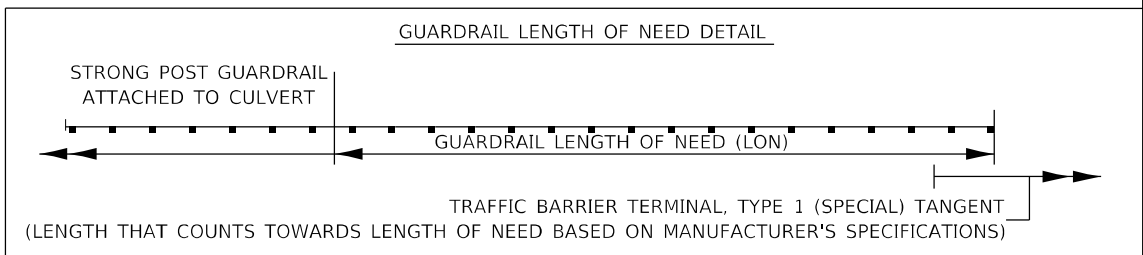
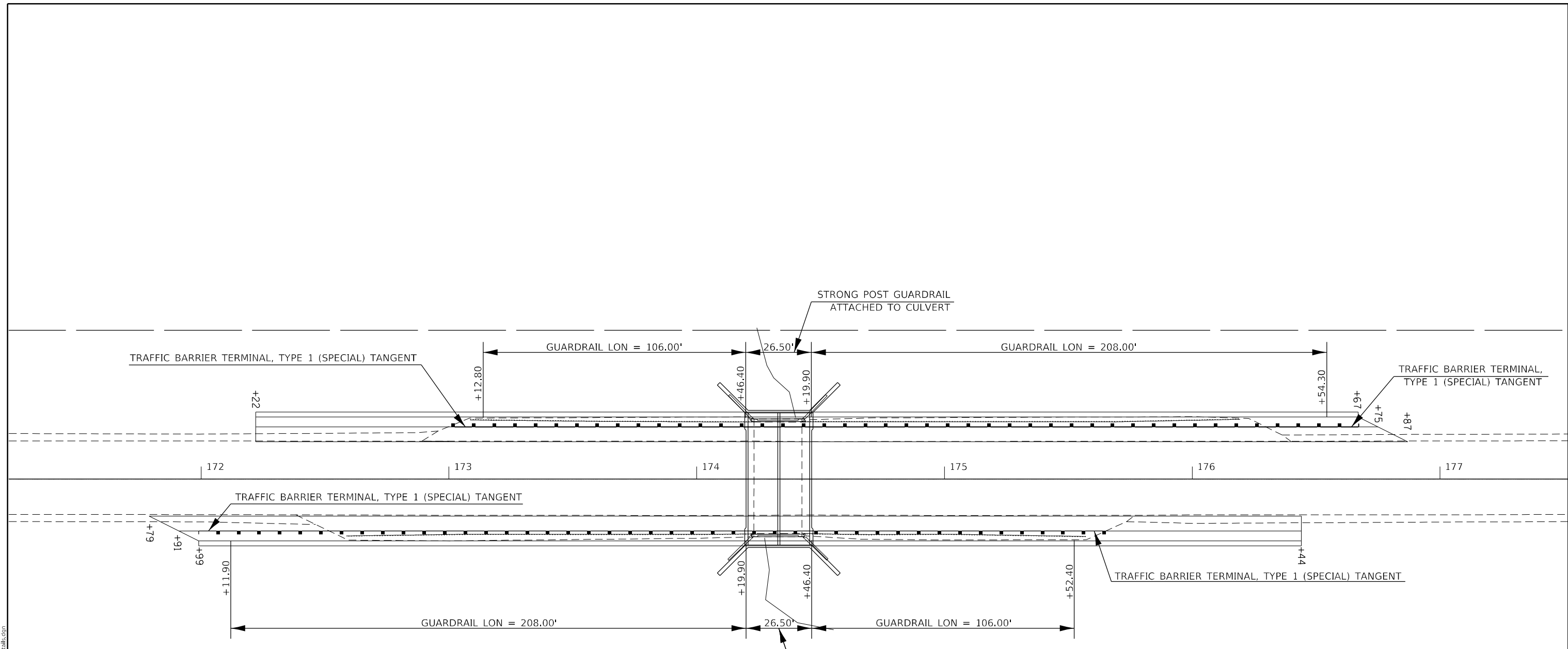
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HMA PAVING TRANSITION DETAIL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	26
CONTRACT NO. 94519			ILLINOIS FED. AID PROJECT	

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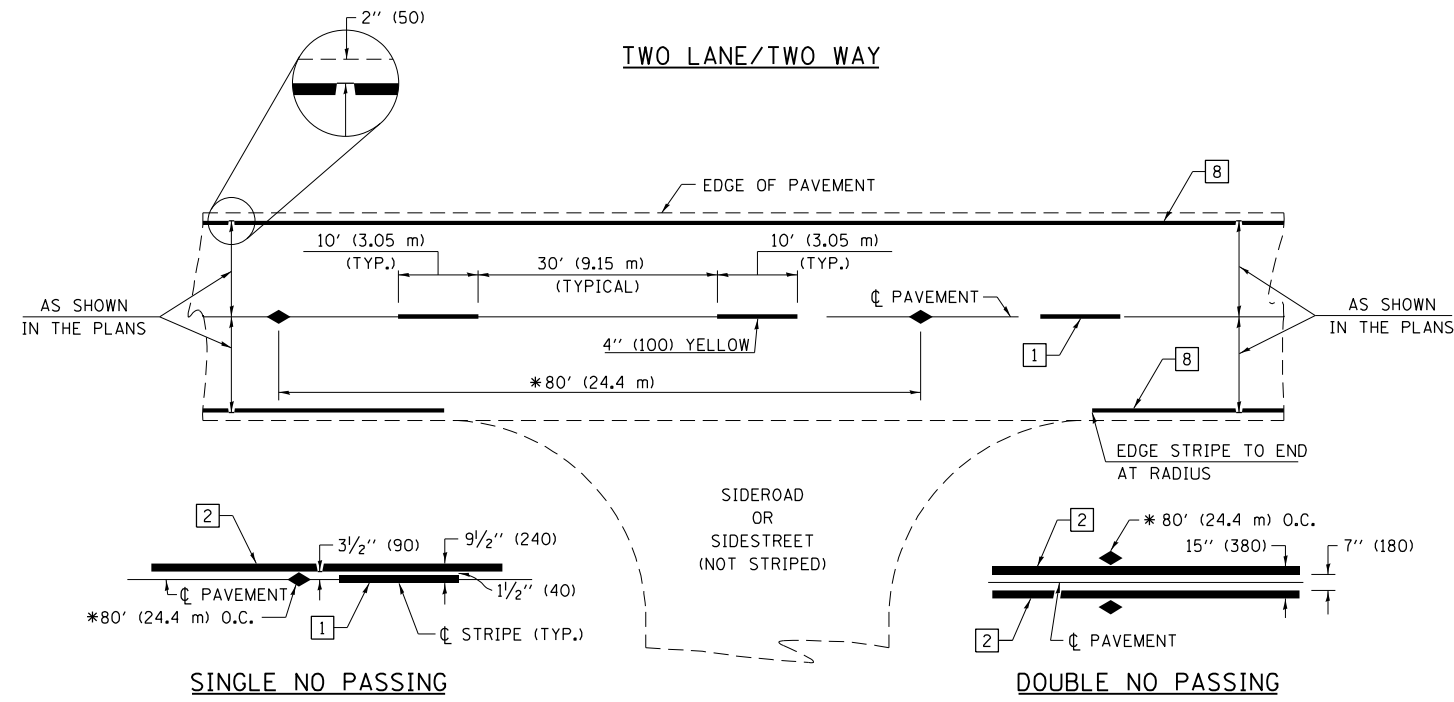


USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/21/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

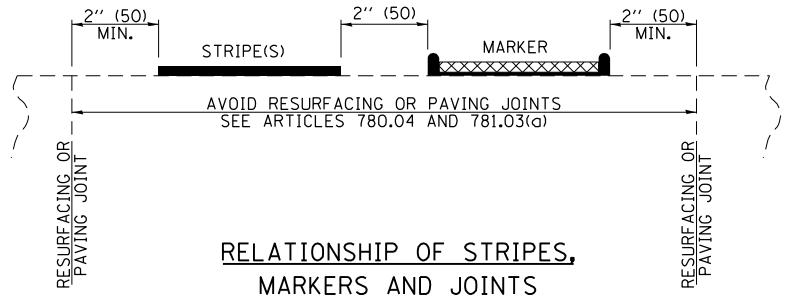
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	27
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				



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

PAVEMENT MARKING LEGEND

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

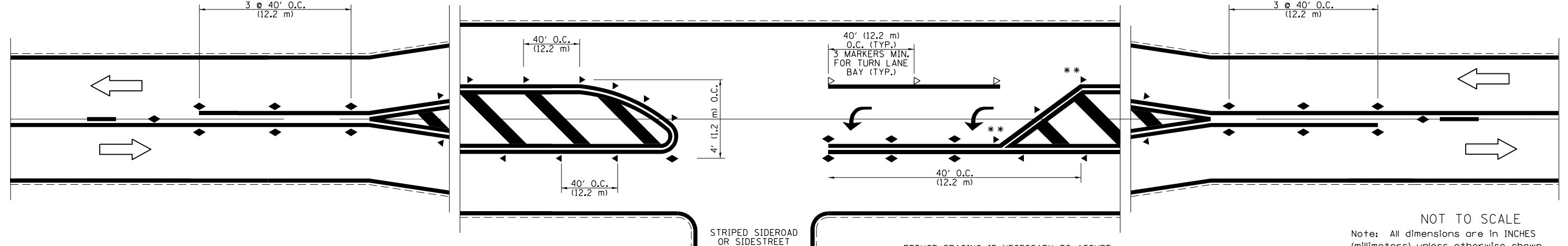


RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

TYPICAL PAVEMENT MARKERS LEGEND

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

RAISED REFLECTIVE PAVEMENT MARKERS

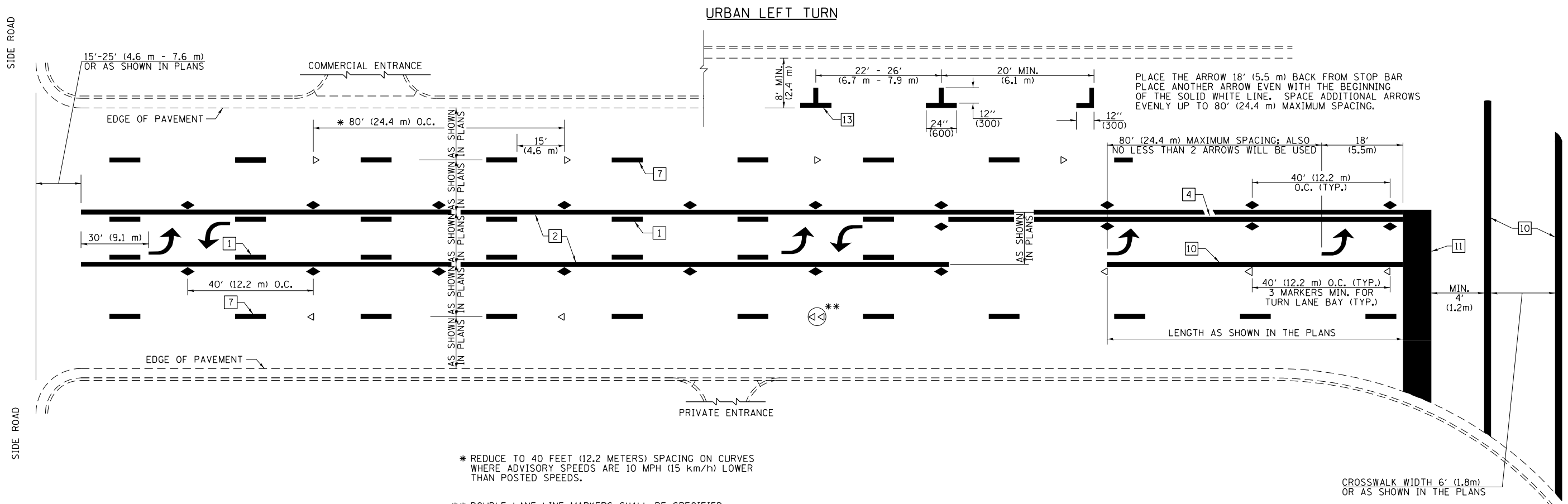


** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\plnroom.dot.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\94519\CDRAWN\CADsheets\0794519-sht-details.dgn	PLLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			322	(23-3)B	FAYETTE	40	28	
	PLLOT DATE = 1/21/2021	DATE -	REVISED -			CONTRACT NO. 94519					
						ILLINOIS FED. AID PROJECT					



* REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

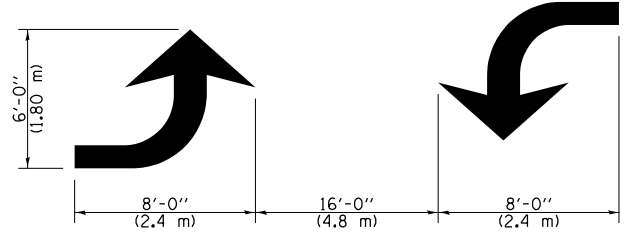
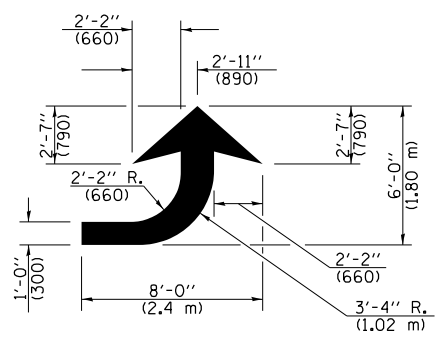
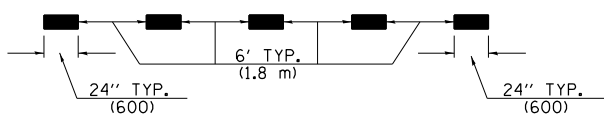
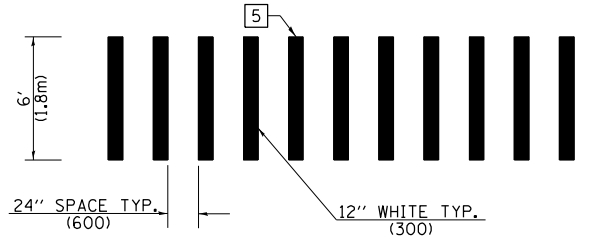
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

PAVEMENT MARKING LEGEND

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

GENERAL NOTES

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



TYPICAL DOUBLE TURN ARROWS (WHITE)

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

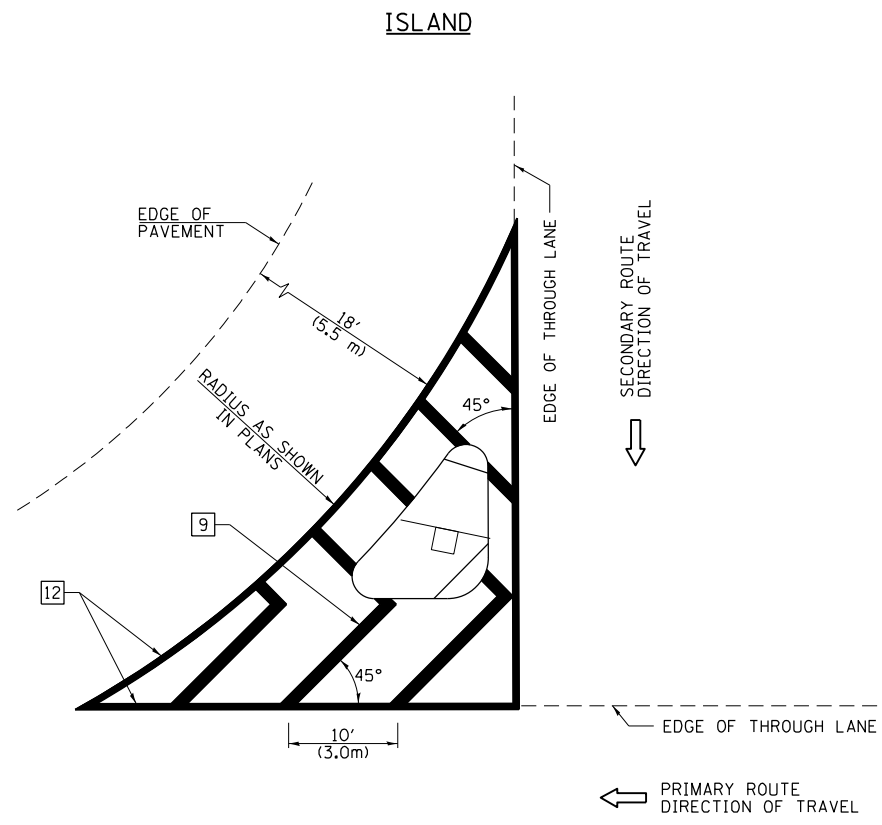
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/21/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	29
				CONTRACT NO. 94519
ILLINOIS FED. AID PROJECT				

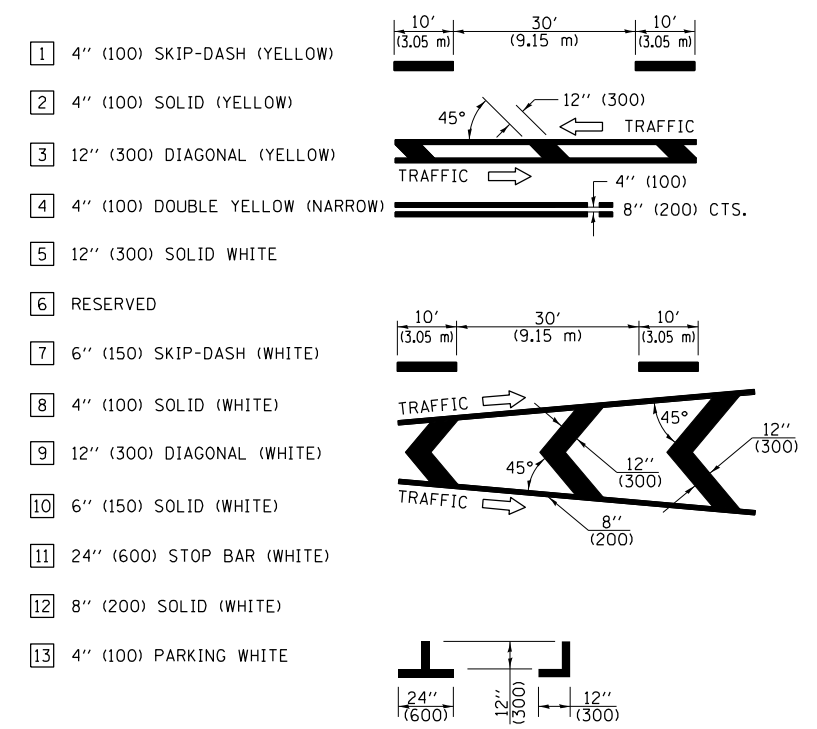


GENERAL NOTES

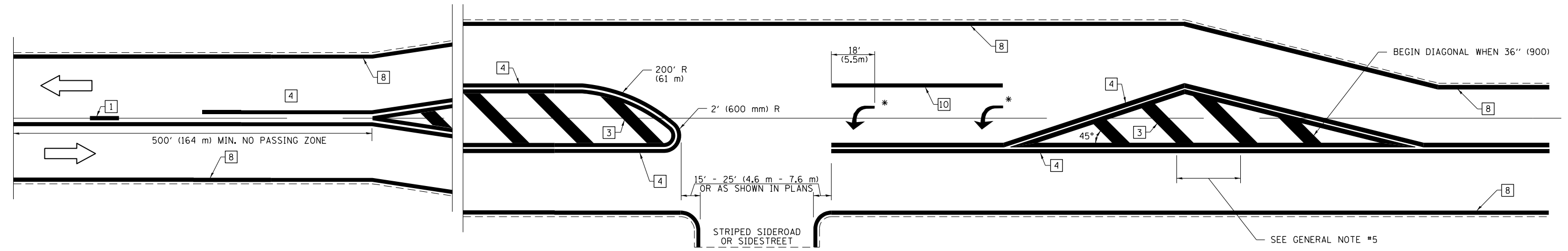
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING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

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

PAVEMENT MARKING LEGEND



RURAL LEFT TURN STRIPING



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

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\94519\CDRAW\CADsheets\0794519-sht-details.dgn		REVISOR -	REVISED -
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	PLOT DATE = 1/21/2021	DATE -	REVISED -

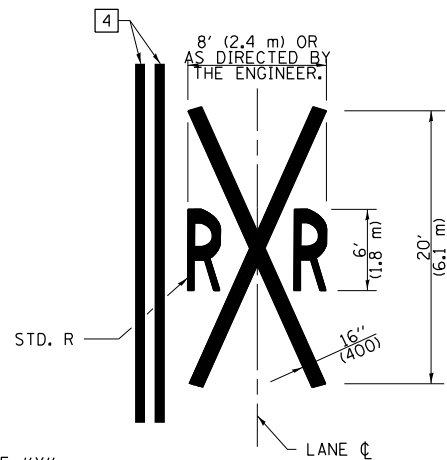
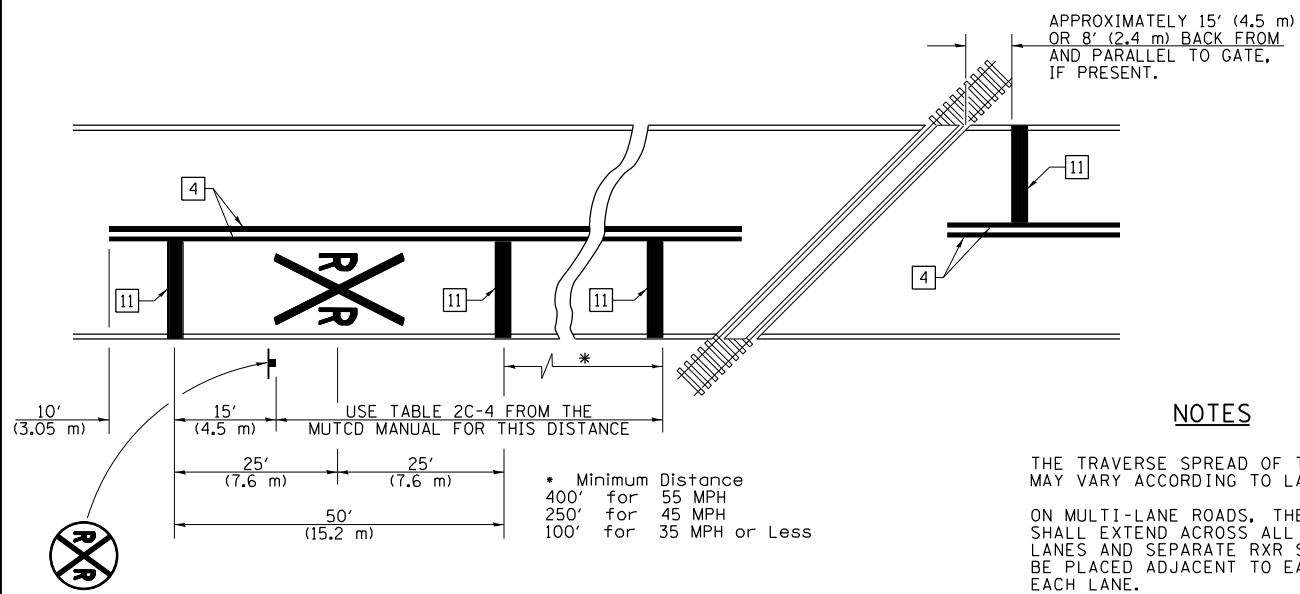
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(23-3)B	FAYETTE	40	30
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

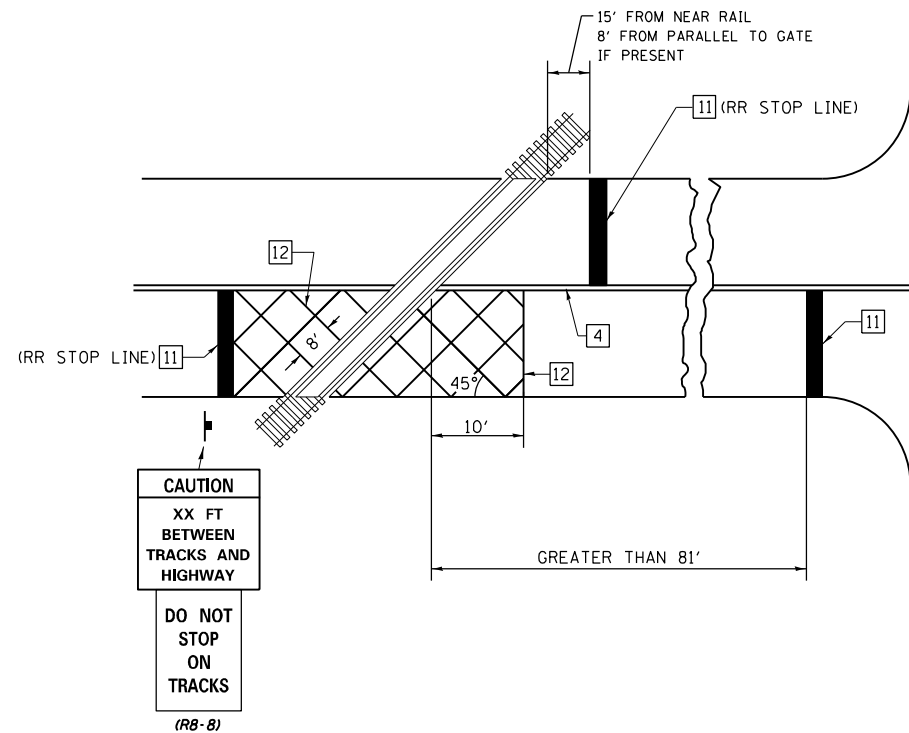
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

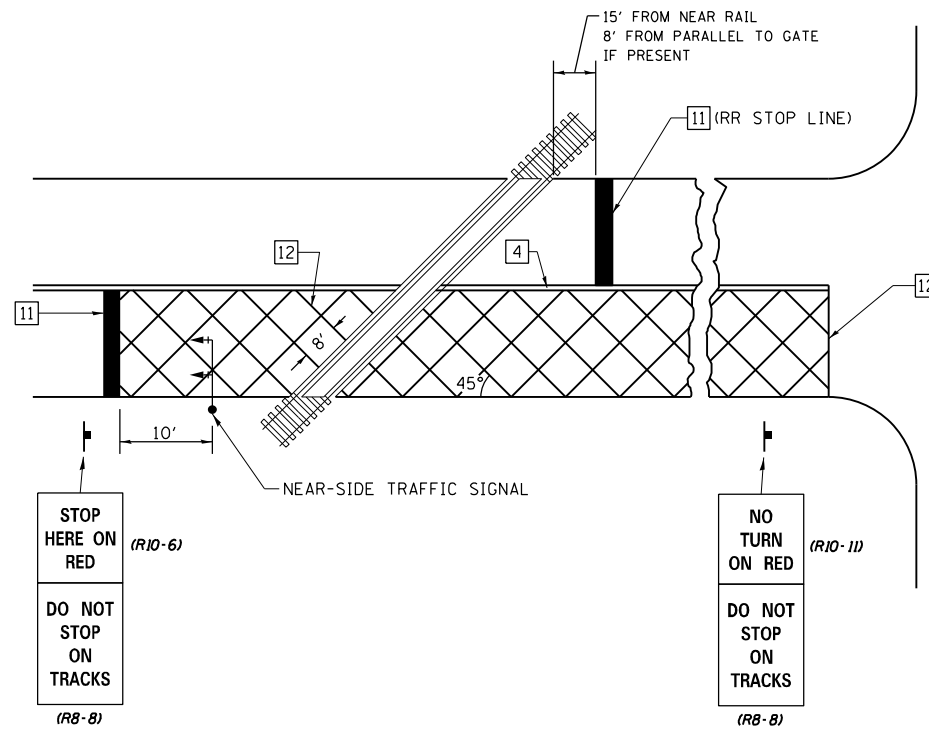
PAVEMENT MARKING LEGEND

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

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

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

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

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

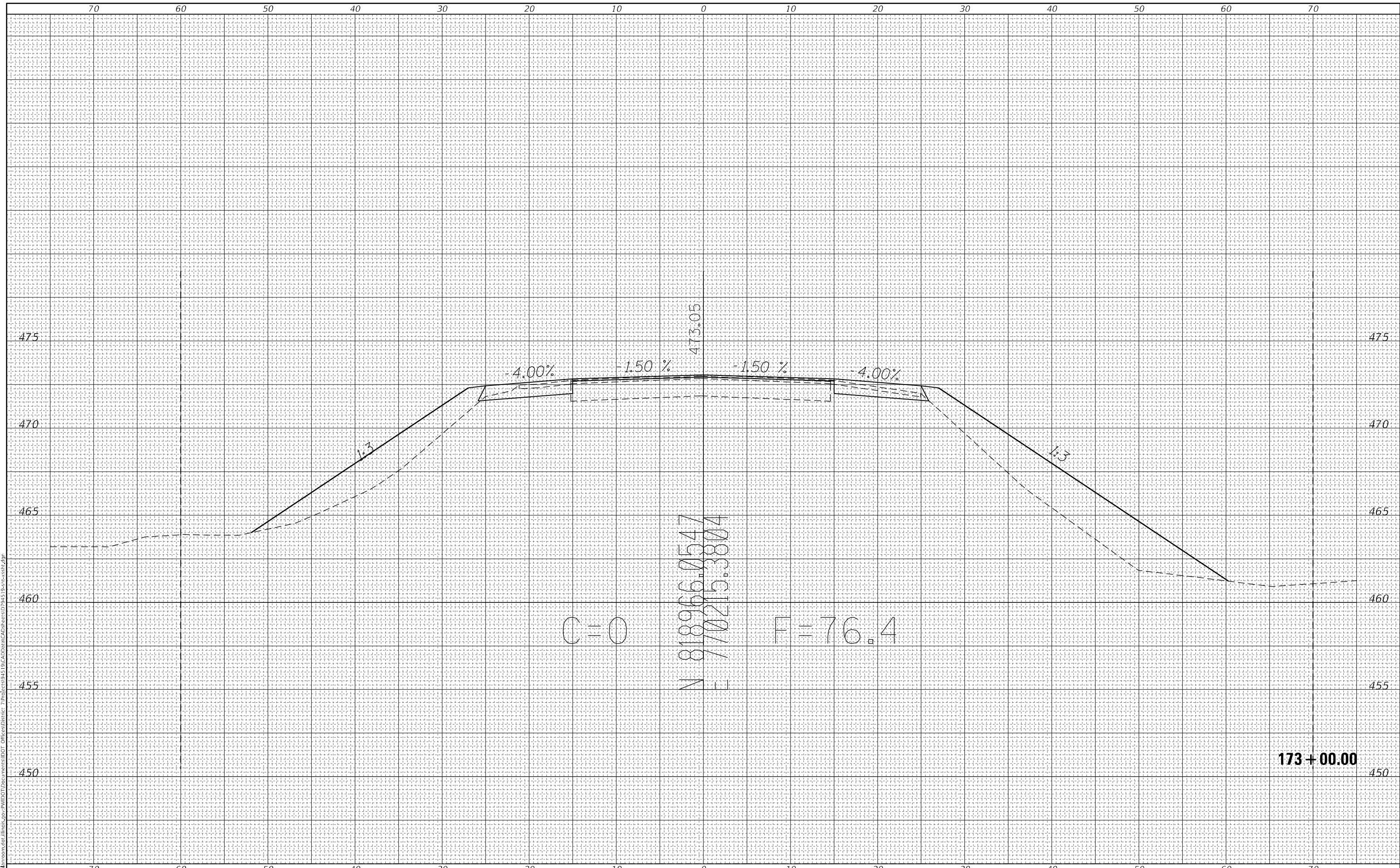
DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\planroom.dot.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\94519\CDRAW\CADsheets\0794519-sht-details.dgn	PLLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			322	(23-3)B	FAYETTE	40	31	
PLLOT DATE = 1/21/2021	DATE -	REVISED -	REVISED -			CONTRACT NO. 94519		ILLINOIS FED. AID PROJECT			
						SCALE:	SHEET NO. 4 OF 4 SHEETS	STA.	TO STA.		

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	

MODEL: Default
 FILE NAME: D:\data\lansom.dwg
 PROJECT: 173+00.00 - 173+00.00
 PLOT DATE: 1/21/2021



USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/21/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

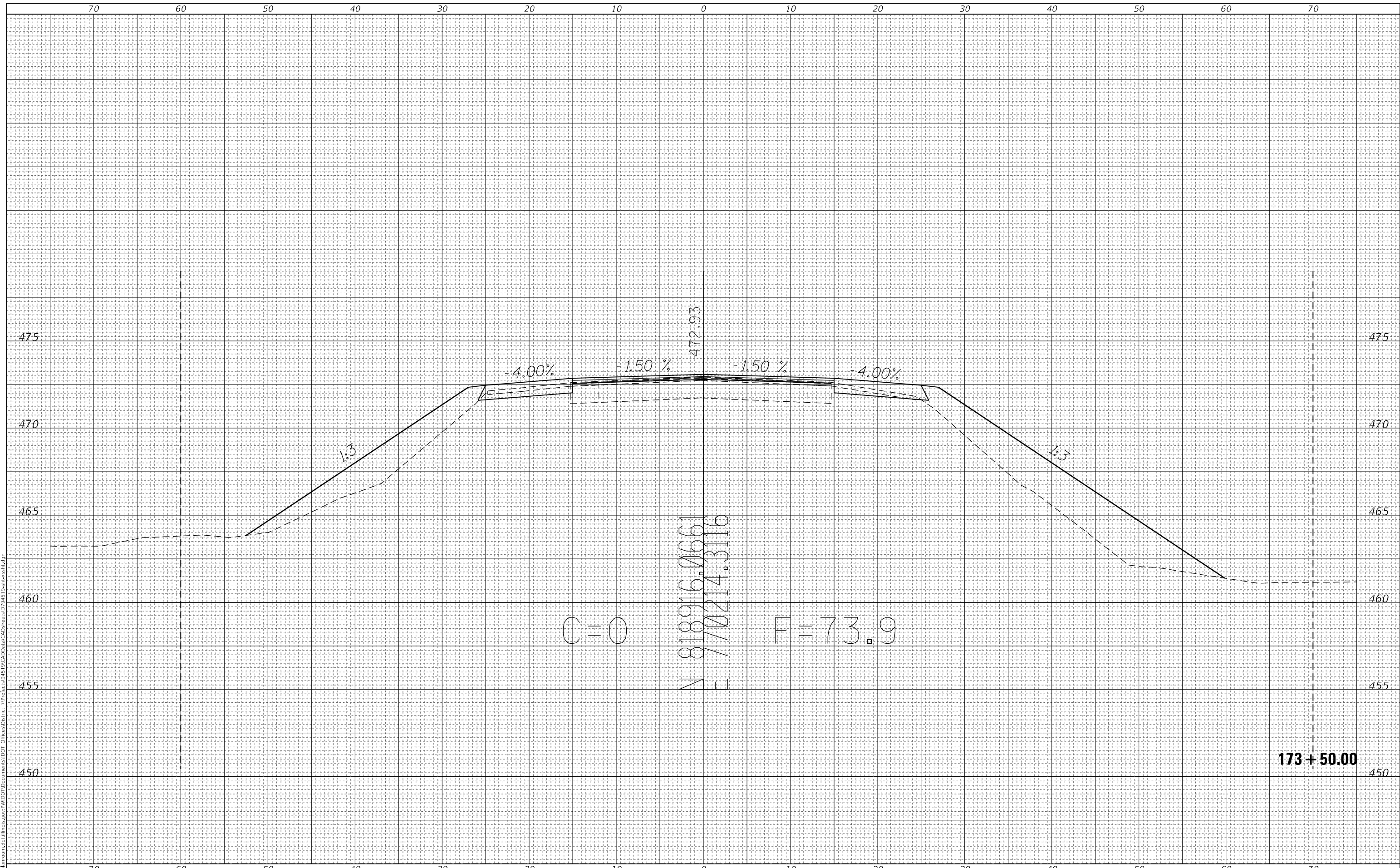
SCALE: SHEET 1 OF 9 SHEETS STA. 173+00.00 TO STA. 173+00.00

F. A. RT. 322	SECTION 23-3 B	COUNTY FAYETTE	TOTAL SHEETS 40	SHEET NO. 32
			CONTRACT NO. 94519	
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
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	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

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 PLOT DATE: 1/21/2021



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	DRAWN -	REVISED -
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PLOT DATE = 1/21/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

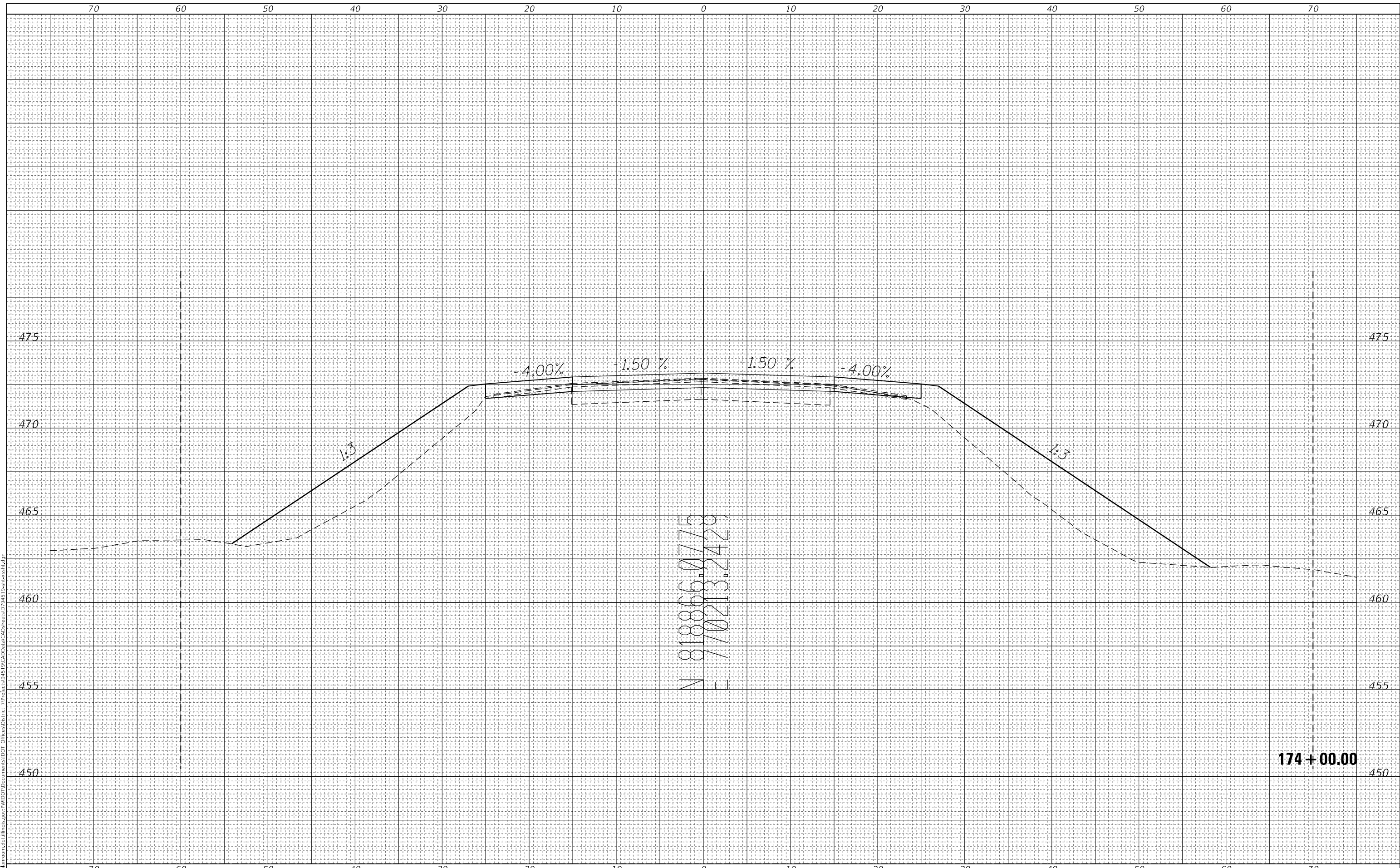
SCALE: SHEET 2 OF 9 SHEETS STA. 173+50.00 TO STA. 173+50.00

F. A. RT. 322	SECTION 23-3 B	COUNTY FAYETTE	TOTAL SHEETS 40	SHEET NO. 33
CONTRACT NO. 94519				
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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 PROJECT: 174+00.00 - 174+00.00
 USER: steffenmk
 DATE: 1/21/2021



USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 1/21/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

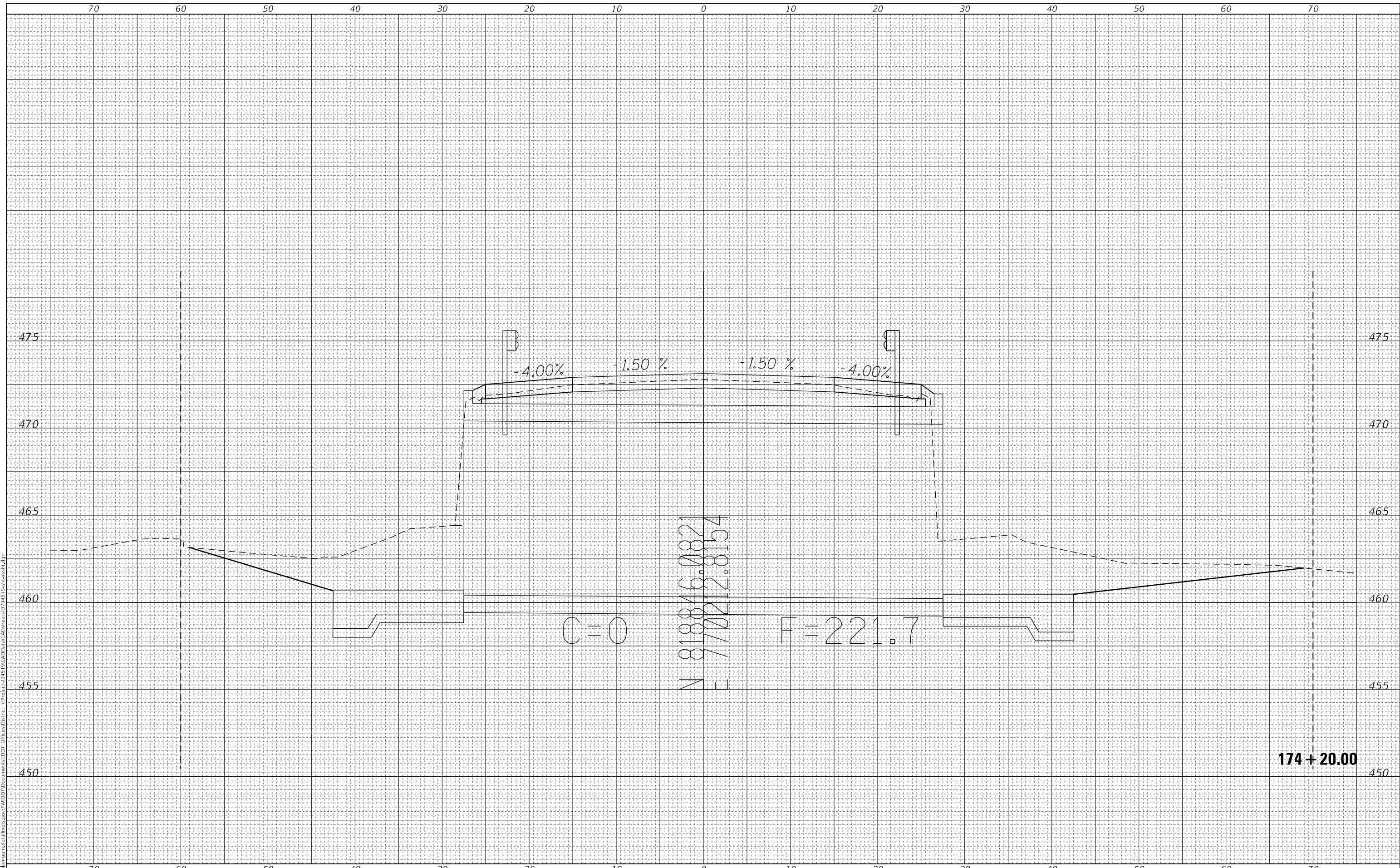
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F. A. RT. 322	SECTION 23-3 B	COUNTY FAYETTE	TOTAL SHEETS 40	SHEET NO. 34
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = steffemnk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/21/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET 4	OF 9	SHEETS	STA. 174+20.00	TO STA. 174+20.00
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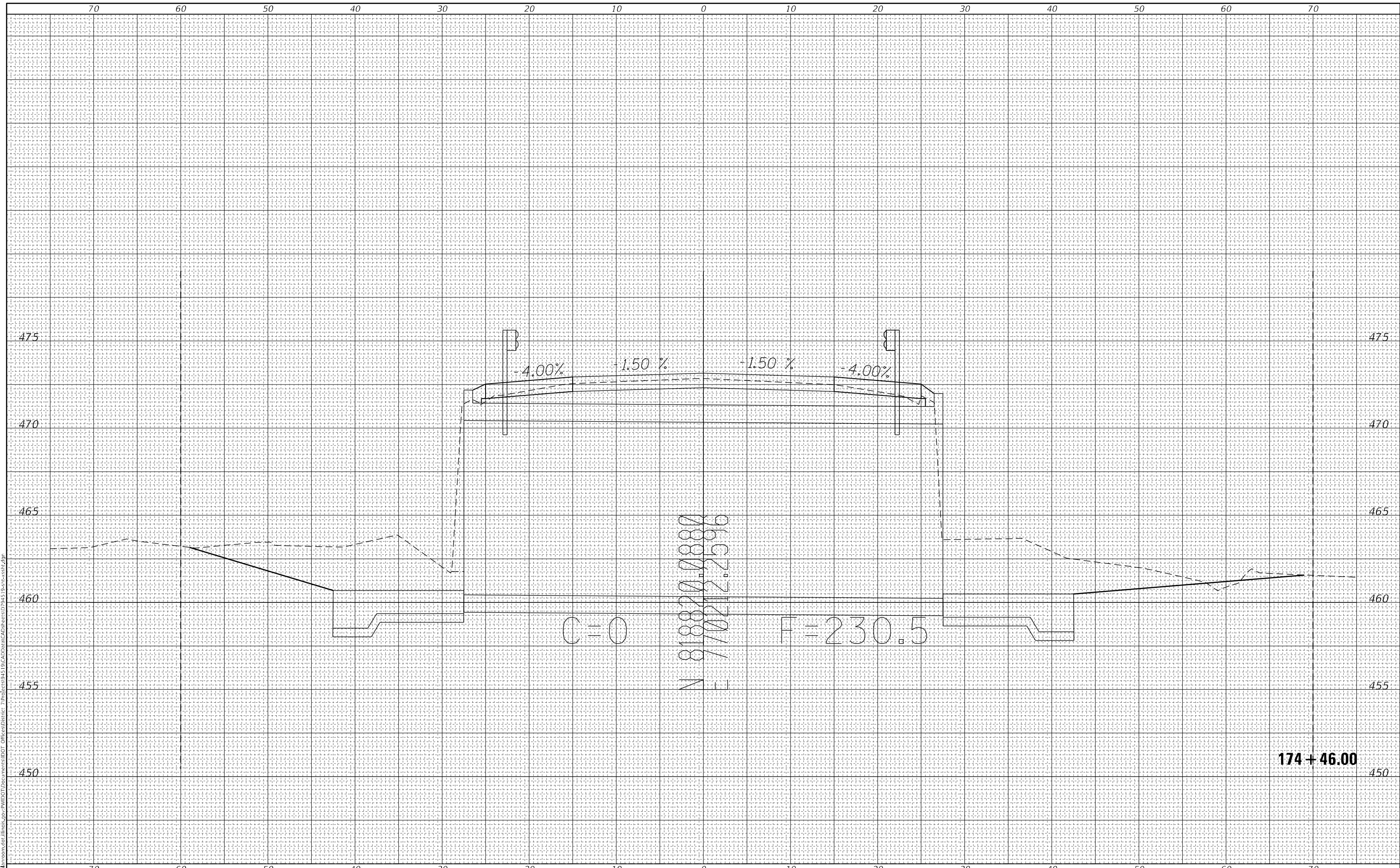
CROSS SECTIONS

F. A. E. AP. RTE. 322	SECTION 23-3 B	COUNTY FAYETTE	TOTAL SHEETS 40	SHEET NO. 35
			CONTRACT NO. 94519	
		ILLINOIS	FED. AID PROJECT	

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/21/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

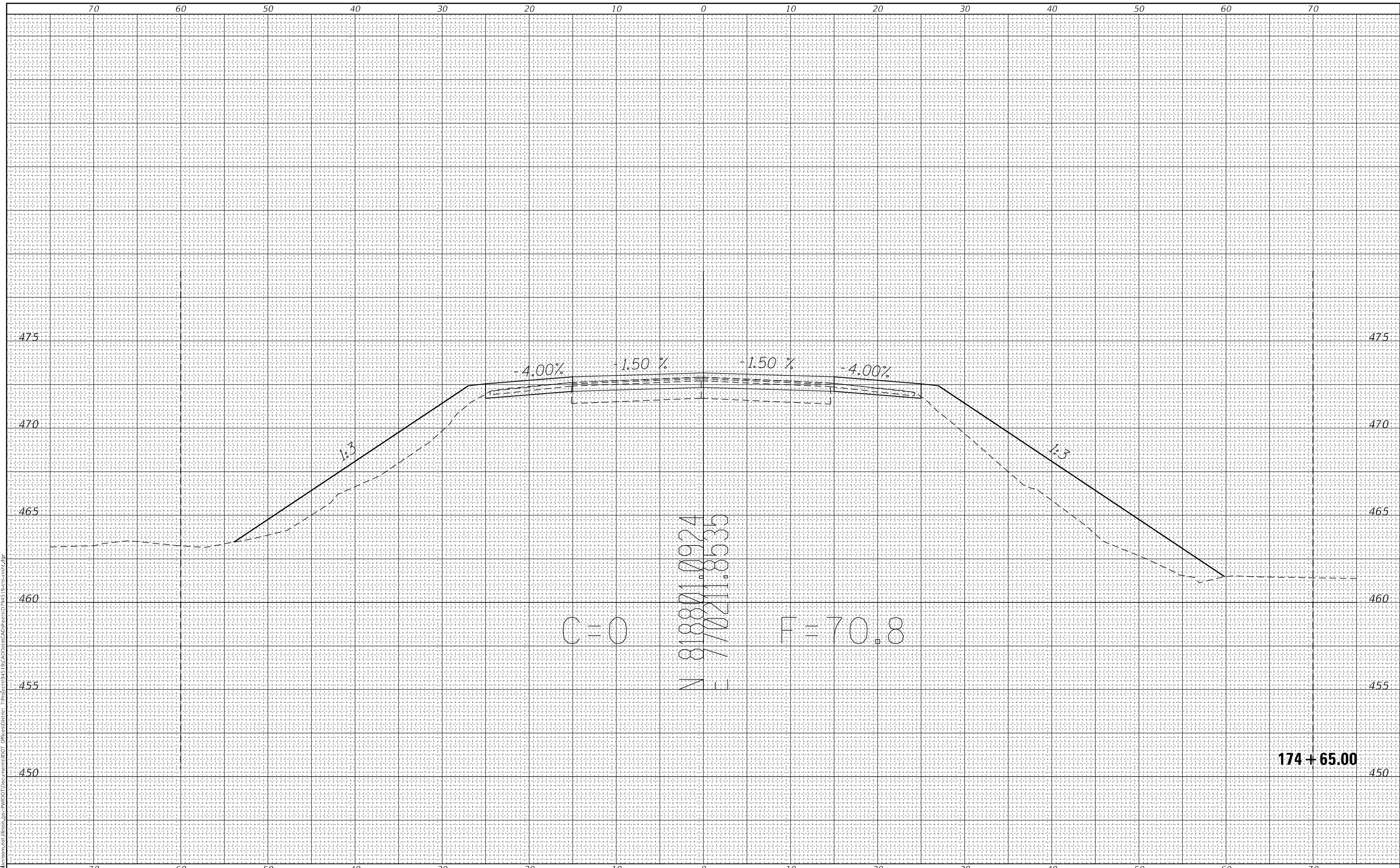
SCALE:	SHEET 5	OF 9	SHEETS	STA. 174+46.00	TO STA. 174+46.00
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F. A. P. RTE. 322	SECTION 23-3 B	COUNTY FAYETTE	TOTAL SHEETS 40	SHEET NO. 36
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

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

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

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 PROJECT: 174+65.00
 PLOT DATE: 1/21/2021



USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/21/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

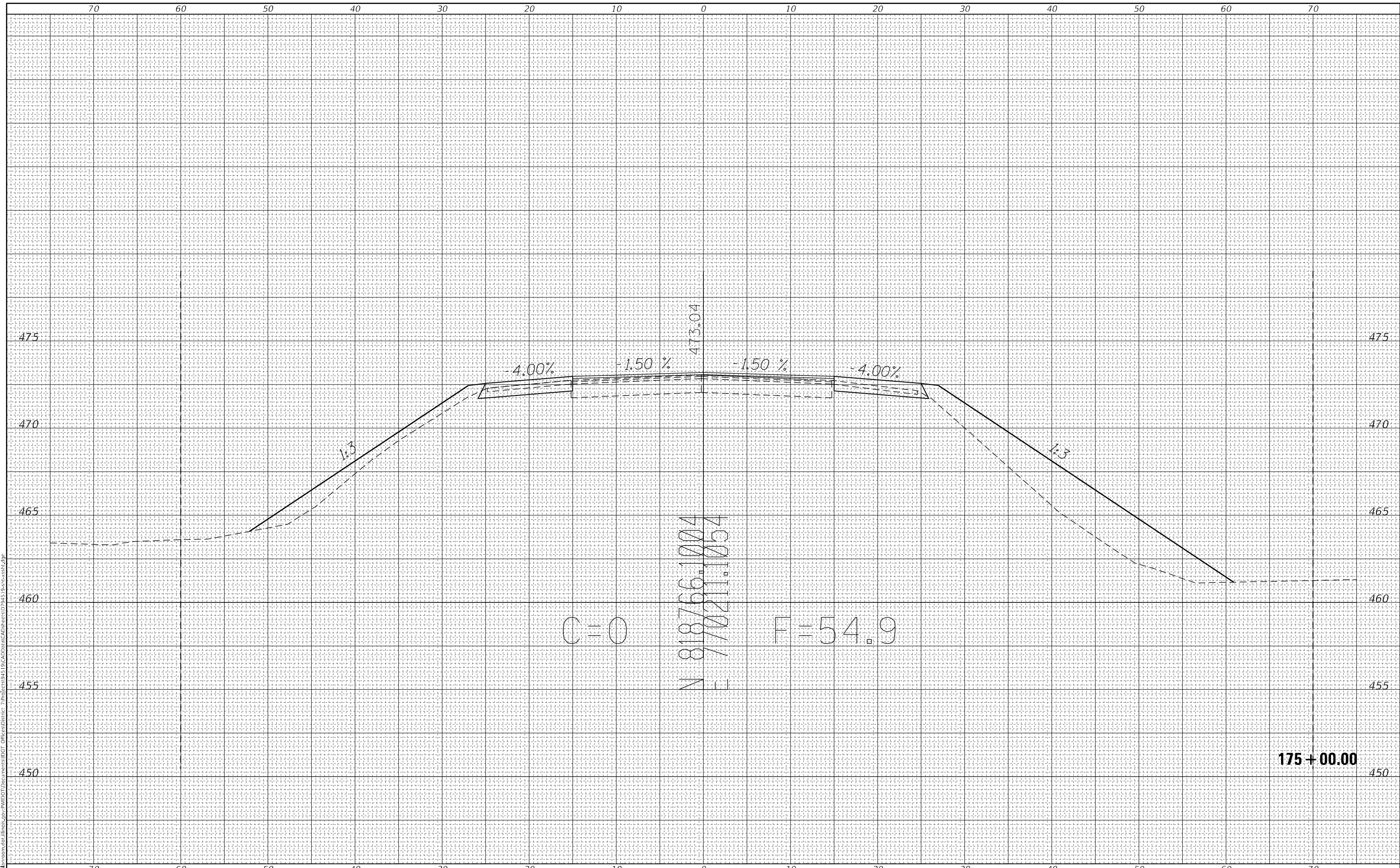
SCALE: SHEET 6 OF 9 SHEETS STA. 174+65.00 TO STA. 174+65.00

F. A. AP. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	23-3 B	FAYETTE	40	37
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Default
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 PROJECT: 175+00.00 - 175+00.00
 PLOT DATE: 1/21/2021



USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 1/21/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

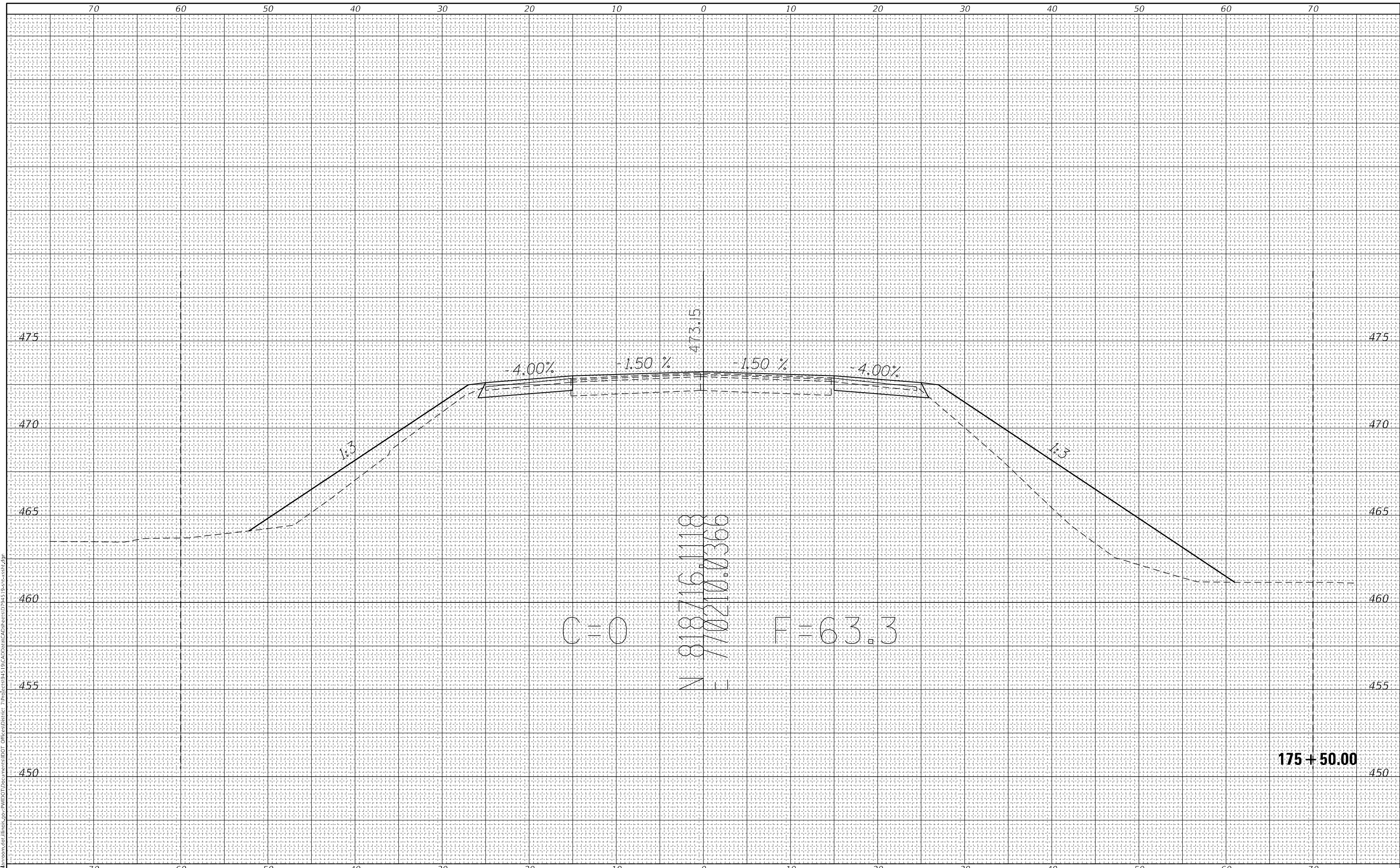
SCALE: SHEET 7 OF 9 SHEETS STA. 175+00.00 TO STA. 175+00.00

F. A. RT. 322	SECTION 23-3 B	COUNTY FAYETTE	TOTAL SHEETS 40	SHEET NO. 38
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

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USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/21/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

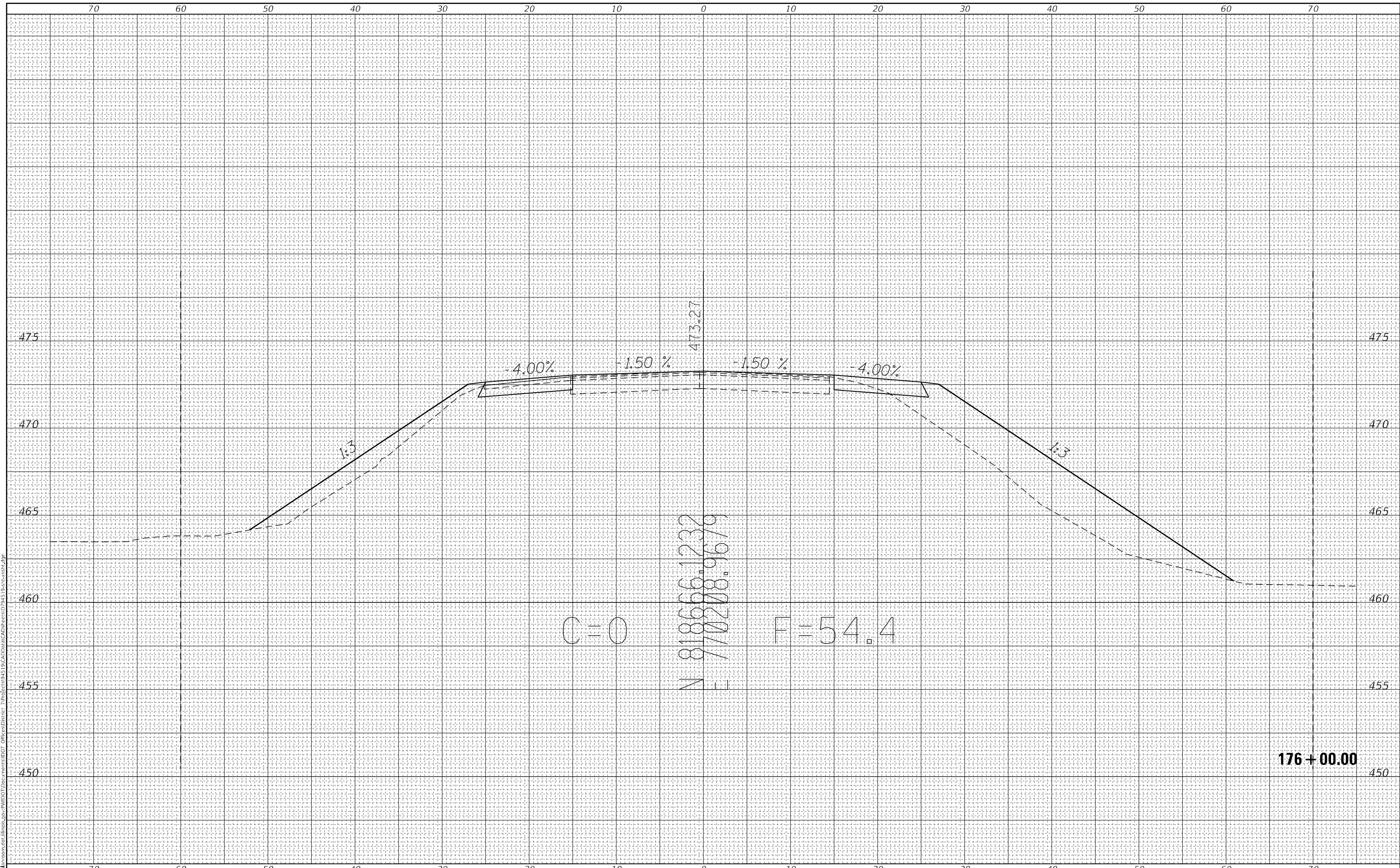
SCALE: SHEET 8 OF 9 SHEETS STA. 175+50.00 TO STA. 175+50.00

F. A. RT. 322	SECTION 23-3 B	COUNTY FAYETTE	TOTAL SHEETS 40	SHEET NO. 39
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Default
 FILE NAME: D:\data\lansom.dwg
 PROJECT: 176+00.00 - 176+00.00
 USER: steffenmk
 DATE: 1/21/2021



C = 0

F = 54.4

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/21/2021	DATE -	REVISED -

SCALE: SHEET 9 OF 9 SHEETS STA. 176+00.00 TO STA. 176+00.00

F. A. RT. 322	SECTION 23-3 B	COUNTY FAYETTE	TOTAL SHEETS 40	SHEET NO. 40
CONTRACT NO. 94519				
ILLINOIS FED. AID PROJECT				