

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F A P RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
325	14RS 6 & 12RS 8	SHELBY	54 *	1
		ILLINOIS	CONTRACT NO. 74960	

* 54 - 1 = 53 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT = 5,000 (2019)

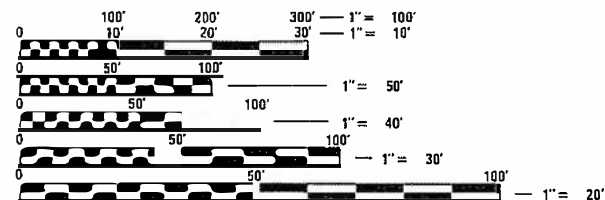
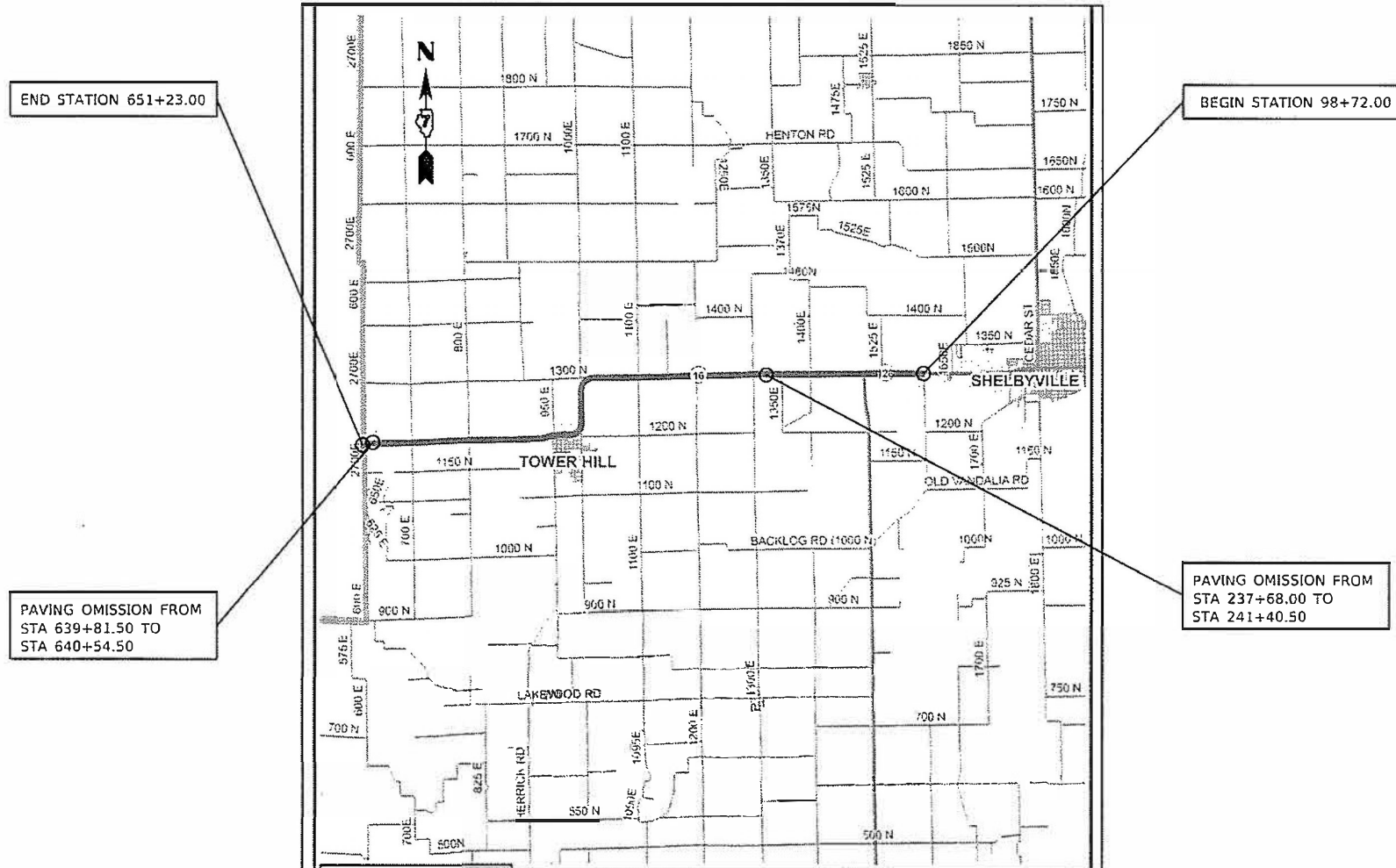
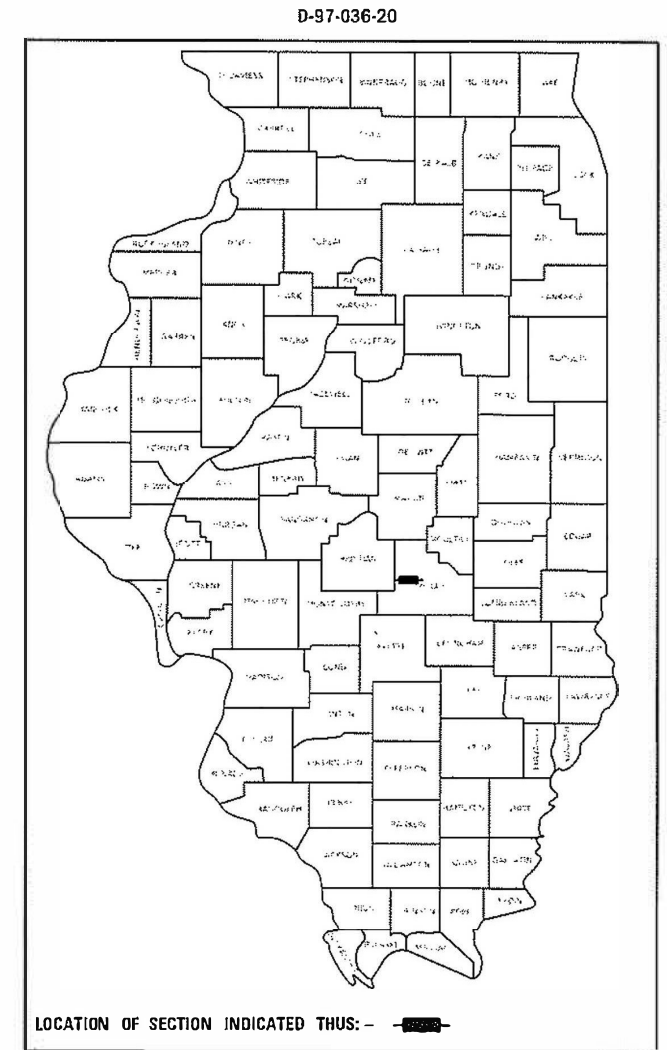
STATION EQUATIONS:

- 218 + 92.88(BK) = 218 + 99.88(AH)
- 263 + 70.90(BK) = 263 + 65.35(AH)
- 326 + 61.50(BK) = 326 + 44.50(AH)
- 414 + 25.10(BK) = 417 + 45.10(AH)
- 460 + 54.30(BK) = 460 + 42.60(AH)
- 489 + 47.10(BK) = 491 + 24.00(AH)
- 640 + 00.00(BK) = 639 + 86.30(AH)

PROPOSED HIGHWAY PLANS

FAP ROUTE 325 (IL 16/IL 128)
SECTION 14RS-6 & 12RS-8
PROJECT NHPP-3VD3(435)
3P RESURFACING
SHELBY COUNTY

C-97-037-20



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: MARK DAUGHERTY
PROJECT MANAGER: HANNAH DAVIDSON

CONTRACT NO. 74960

GROSS LENGTH = 55,228.80 FT. = 10.460 MILE
NET LENGTH = 54,798.30 FT. = 10.378 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED DECEMBER 28, 21
Jeffrey P. Myers
REGIONAL ENGINEER

February 4, 2022
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

February 4, 2022
Stephen M. Lewis
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS & GENERAL NOTES
3 - 5	SUMMARY OF QUANTITIES
6 - 12	TYPICAL SECTIONS
13 - 20	SCHEDULE OF QUANTITIES
21 - 39	PLAN SHEETS
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45 - 46	PAVEMENT MARKING DETAILS
47	PAVING DETAILS
48	THIS SHEET HAS BEEN DELETED
49 - 54	DISTRICT DETAILS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 54

STD. NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH & OF A FOOT
442201-03	CLASS C AND D PATCHES
630001-12	STEEL PLATE BEAM GUARDRAIL
631031-17	TRAFFIC BARRIER TERMINAL, TYPE 6
631032-09	TRAFFIC BARRIER TERMINAL, TYPE 6A
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' FROM PAVEMENT EDGE
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L,2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
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
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 84" (2100MM) DIAMETER
542401-04	METAL FLARED END SECTION FOR PIPE
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
668001-01	U.S. GEOLOGICAL SURVEY AND NATIONAL GEODETIC SURVEY BENCHMARKS, RESETTING METHOD
725001-01	OBJECT AND TERMINAL MARKERS

GENERAL NOTES

THIS PROJECT IS LOCATED ON FAP ROUTE 325 (IL 16/IL 128) IN SHELBY COUNTY, FROM SHELBY COUNTY AIR PORT ROAD TO THE CHRISTIAN COUNTY LINE. THE WORK INCLUDED IN SECTION 14RS-6 & 12RS-8 CONSISTS OF PAVEMENT PATCHING, MILLING, HOT-MIX ASPHALT RESURFACING, HOT-MIX ASPHALT SHOULDERS, AGGREGATE WEDGE SHOULDERS, GUARDRAIL IMPROVEMENTS, PAVEMENT MARKING, RUMBLE STRIPS, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

ADDITIONAL ONE-WAY CRYSTAL RAISED REFLECTIVE PAVEMENT MARKERS WILL BE PLACED AT 40 FOOT CENTERS ALONG THE EDGELINES OF BOTH CURVES EAST OF TOWER HILL AS SHOWN IN THE RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON TOP OF THE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90.

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

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

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

HOT MIX ASPHALT	112 LBS/SQ YD/IN
AGGREGATE SURFACE COURSE	2.05 TONS/CU YD
AGGREGATE WEDGE SHOULDERS	2.05 TONS/CU YD

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE(S)	PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	MIXTURE WEIGHT	QUALITY MANAGEMENT PROGRAM
POLYMERIZED HMA SURFACE COURSE, MIX "D", N90 (2")	SBS PG 70-22	4.0% @ N=90	IL - 9.5	MIXTURE D	N90	PFP
POLYMERIZED HMA BINDER COURSE, N90 (1 3/4")	SBS PG 70-22	4.0% @ N=90	IL - 9.5FG	N/A	N90	PFP
INCIDENTAL HMA SURFACING	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QC/QA
CLASS "D" PAVEMENT PATCHING	PG 64-22	4.0% @ N=90	IL - 19.0	N/A	N90	QC/QA

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -			325	14RS-6 & 12RS-8	SHELBY	54	2
PLOT DATE = 12/28/2021	CHECKED -	REVISED -			CONTRACT NO. 74960				
	DATE -	REVISED -			SCALE: N/A		SHEET 1 OF 1 SHEETS		STA. TO STA.
					ILLINOIS FED. AID PROJECT				

80% FED
20% STATE

80% FED
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	19	19		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	116255	116255		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	55404	55404		
40600990	TEMPORARY RAMP	SQ YD	96	96		
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	TON	16873	16873		
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	19291	19291		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	861	861		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	172261	172261		
44201823	CLASS D PATCHES, TYPE I, 15 INCH	SQ YD	2401	2401		
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	2018	2018		
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SQ YD	336	336		
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SQ YD	264	264		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	10012	10012		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	9619.5	9619.5		
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	350	350		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	31	31		
63200310	GUARDRAIL REMOVAL	FOOT	12630	12630		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	100461	100461		
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	2	2		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6		

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74960	

80% FED
20% STATE

80% FED
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	6	6		
67100100	MOBILIZATION	L SUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701201					
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701306					
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	16879	16879		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1876	1876		
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND	SQ FT	63	63		
	SYMBOLS - PAINT					
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	153944	153944		
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	250	250		
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	306	306		
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	30	30		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	31	31		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND	SQ FT	63	63		
	SYMBOLS					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5865	5865		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	250	250		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	306	306		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	30	30		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	148077	148077		
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING,	SQ FT	63	63		
	LETTERS AND SYMBOLS					
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	5865	5865		
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	250	250		
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	306	306		
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	30	30		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1016	1016		

* SPECIALTY ITEM

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	DATE -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES	
SCALE: N/A	SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	4
			CONTRACT NO. 74960	
ILLINOIS FED. AID PROJECT				

80% FED
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	158	158		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	771	771		
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	49359	49359		
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	7278	7278		
X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	153	153		
* X6310088	TRAFFIC BARRIER TERMINAL TYPE 6A (SPECIAL)	EACH	16	16		
* X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	312.5	312.5		
XZ193300	SURVEY MARKER, TYPE 1 (SPECIAL)	EACH	10	10		
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	21	21		
Z0070202	SURVEY MARKER VAULT	EACH	5	5		
Ø Z0076600	TRAINEES	HOUR	500	500		
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500		

* SPECIALTY ITEM Ø 0042

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PLOT DATE = 12/28/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 3 OF 3 SHEETS STA. TO STA.

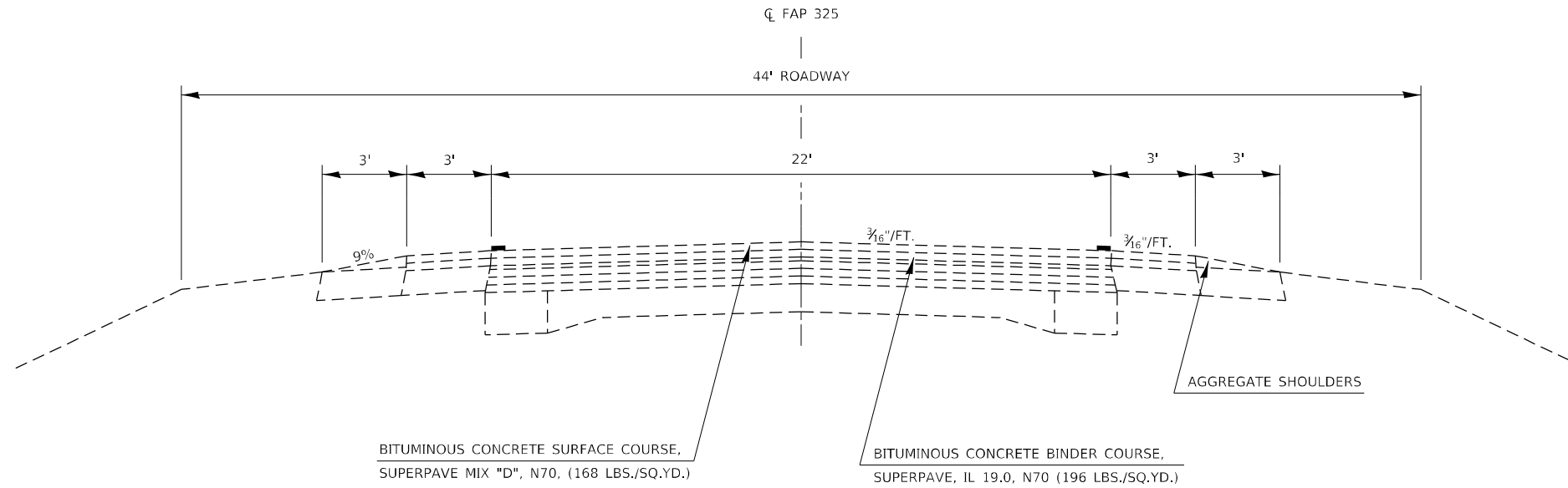
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325	14R5-6 & 12R5-8	SHELBY	54	5
CONTRACT NO. 74960			ILLINOIS FED. AID PROJECT	

EXISTING TYPICAL CROSS SECTION ①

STA. 98+72.00 TO STA. 138+23.47
 STA. 155+32.79 TO STA. 218+92.88
 STA. 265+00.00 TO STA. 326+61.50
 STA. 326+44.50 TO STA. 329+38.50

STA. 360+99.30 TO STA. 392+21.70
 STA. 478+84.64 TO STA. 489+47.10
 STA. 491+24.00 TO STA. 493+25.00
 STA. 493+56.00 TO STA. 563+94.84

STA. 586+30.24 TO STA. 606+71.64
 STA. 638+75.24 TO STA. 639+93.00
 STA. 639+93.00 TO STA. 640+00.00 PAVING OMISSION
 STA. 639+86.30 TO STA. 640+33.00 PAVING OMISSION
 STA. 640+33.00 TO STA. 651+23.00



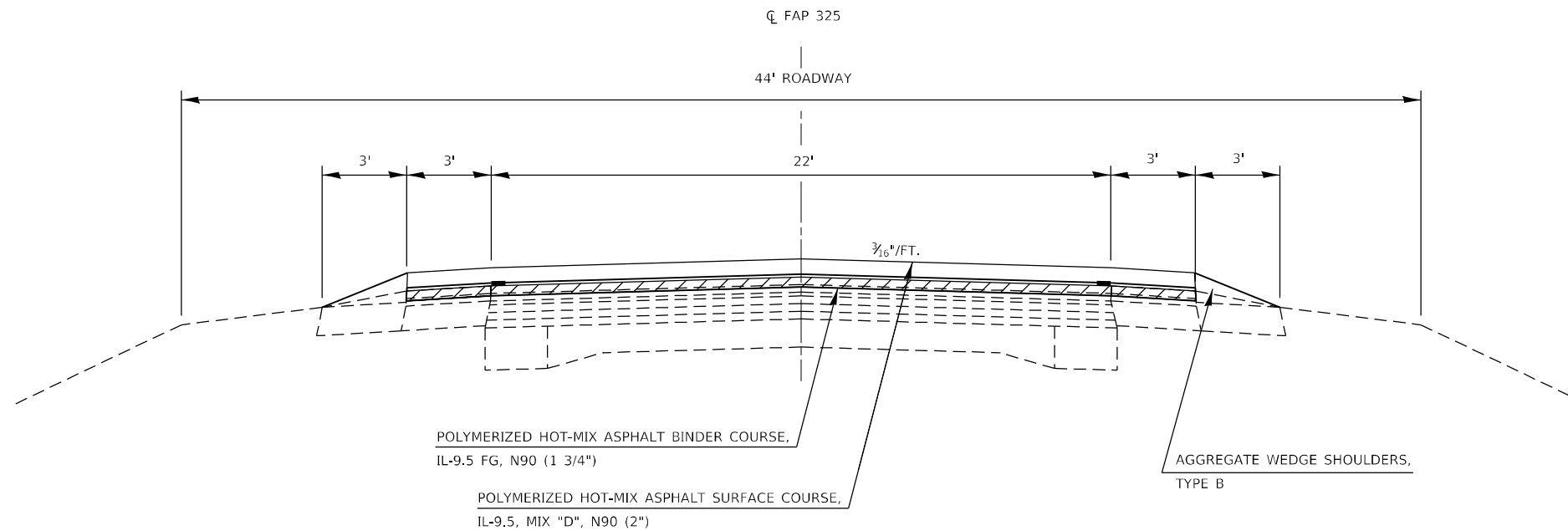
PROPOSED TYPICAL CROSS SECTION ①

STA. 98+72.00 TO STA. 138+23.47
 STA. 155+32.79 TO STA. 218+92.88
 STA. 265+00.00 TO STA. 326+61.50
 STA. 326+44.50 TO STA. 329+38.50

STA. 360+99.30 TO STA. 392+21.70
 STA. 478+84.64 TO STA. 489+47.10
 STA. 491+24.00 TO STA. 493+25.00
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STA. 586+30.24 TO STA. 606+71.64
 STA. 638+75.24 TO STA. 639+93.00
 STA. 639+93.00 TO STA. 640+00.00 PAVING OMISSION
 STA. 639+86.30 TO STA. 640+33.00 PAVING OMISSION
 STA. 640+33.00 TO STA. 651+23.00

STATION EQUATIONS:
 STA. 218+92.88(BK) = STA. 218+99.88(AH)
 STA. 326+61.50(BK) = STA. 326+44.50(AH)
 STA. 489+47.10(BK) = STA. 491+24.00(AH)
 STA. 640+00.00(BK) = STA. 639+86.30(AH)



HMA SURFACE REMOVAL, 1 1/2"

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

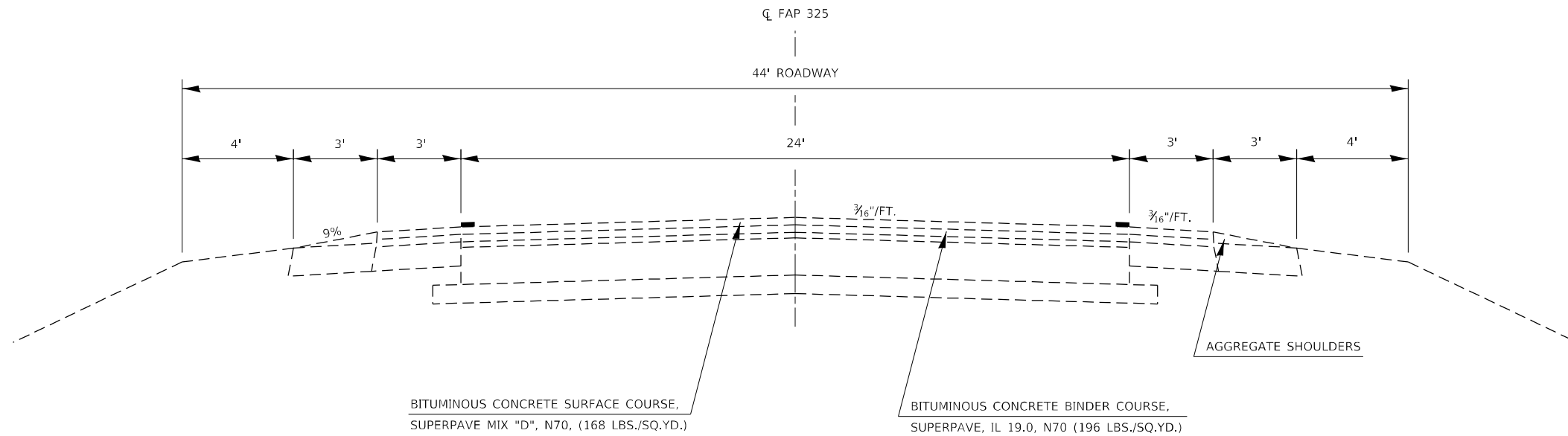
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SCALE: N/A SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	6
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION ②

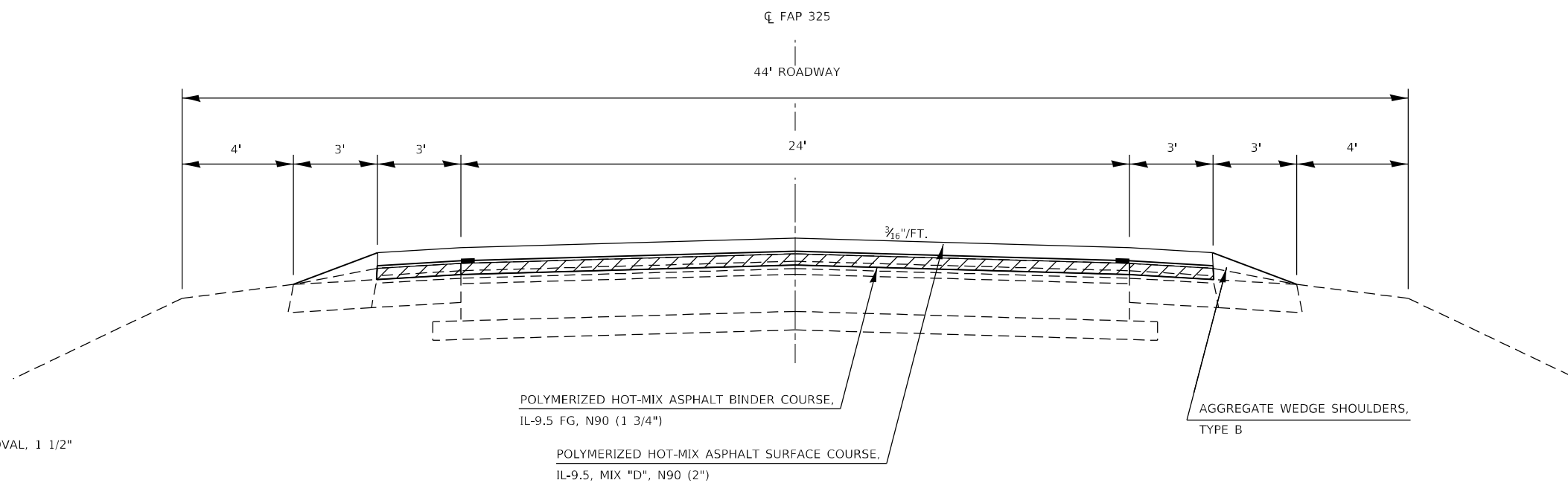
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 STA. 241+40.50 TO STA. 263+70.90
 STA. 263+65.35 TO STA. 265+00.00

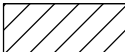


PROPOSED TYPICAL CROSS SECTION ②

STA. 218+99.88 TO STA. 237+68.00
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 STA. 241+40.50 TO STA. 263+70.90
 STA. 263+65.35 TO STA. 265+00.00

STATION EQUATIONS:
 STA. 218+92.88(BK) = STA. 218+99.88(AH)
 STA. 263+70.90(BK) = STA. 263+65.35(AH)



 HMA SURFACE REMOVAL, 1 1/2"

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	7
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				

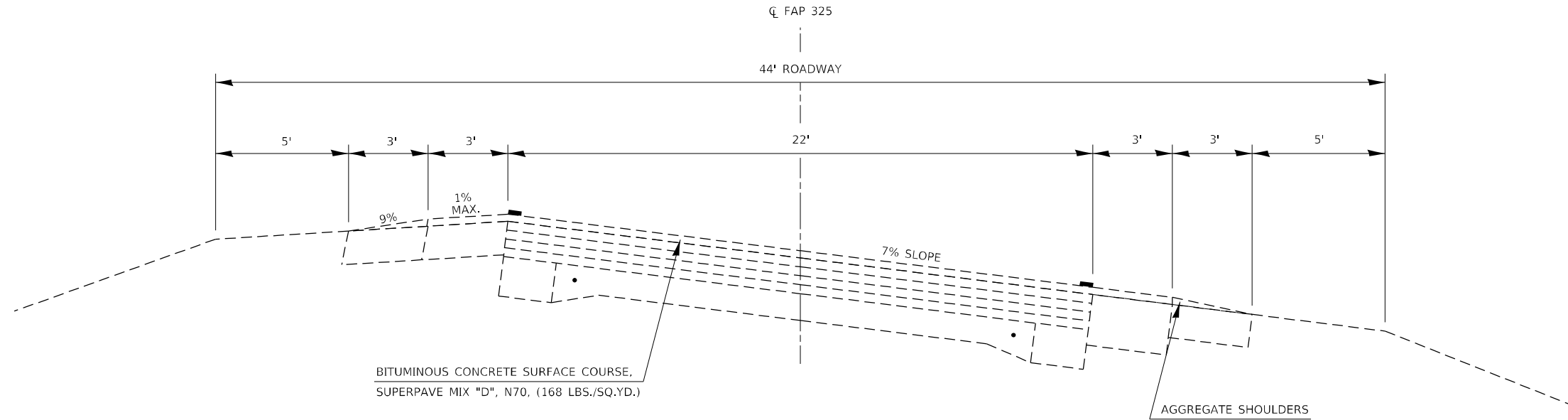
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EXISTING TYPICAL CROSS SECTION ③

STA. 392+36.99 TO STA. 411+41.20
 STA. 444+45.37 TO STA. 460+54.30
 STA. 460+42.60 TO STA. 461+27.63

7% S.E. NORTH CURVE
 STA. 392+36.99 TO STA. 395+20.89
 STA. 414+25.10 TO STA. 411+41.20

7% S.E. SOUTH CURVE
 STA. 444+45.37 TO STA. 446+65.37
 STA. 455+07.63 TO STA. 461+27.63



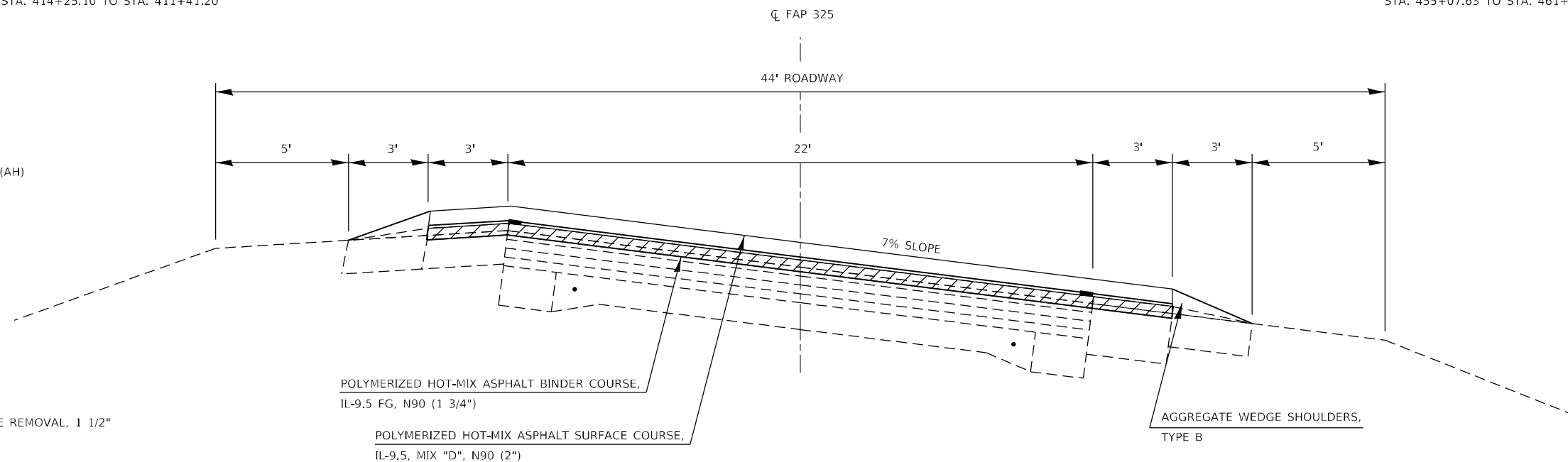
PROPOSED TYPICAL CROSS SECTION ③

STA. 392+36.99 TO STA. 411+41.20
 STA. 444+45.37 TO STA. 460+54.30
 STA. 460+42.60 TO STA. 461+27.63

7% S.E. NORTH CURVE
 STA. 392+36.99 TO STA. 395+20.89
 STA. 414+25.10 TO STA. 411+41.20

7% S.E. SOUTH CURVE
 STA. 444+45.37 TO STA. 446+65.37
 STA. 455+07.63 TO STA. 461+27.63

STATION EQUATION:
 STA. 460+54.30(BK) = STA. 460+42.60(AH)



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

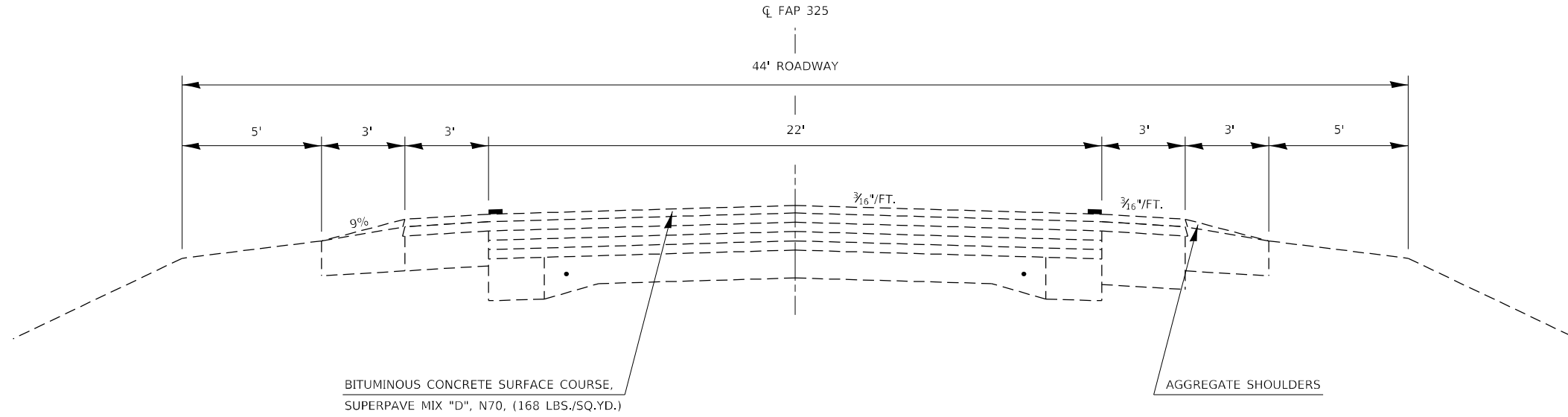
TYPICAL CROSS SECTIONS

SCALE: N/A SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	8
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION ④

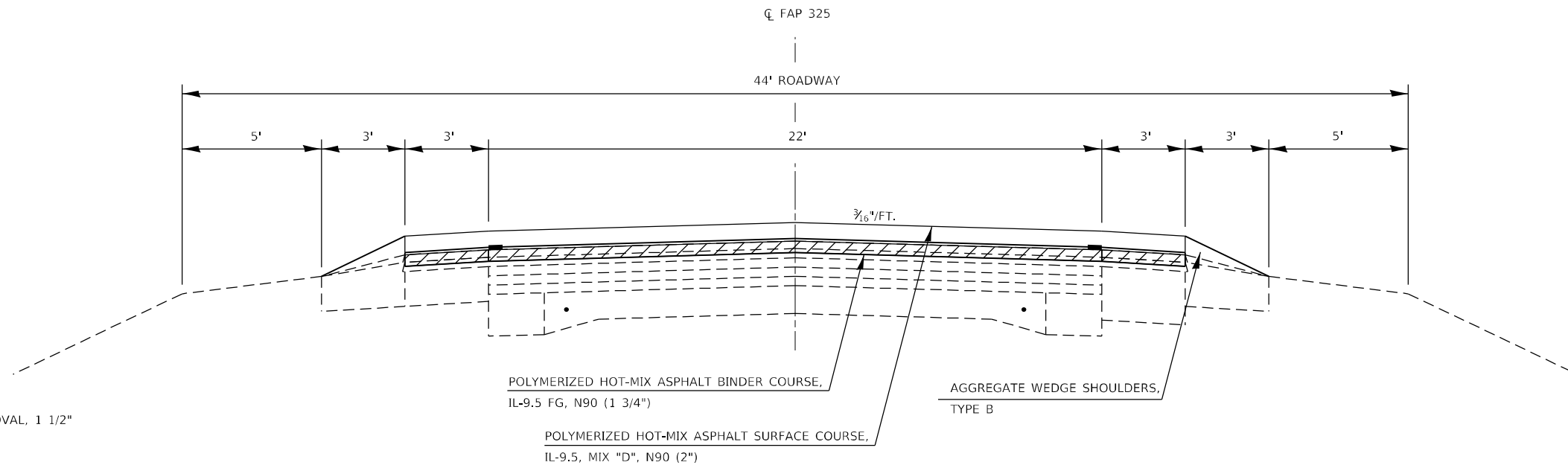
STA. 329+38.50 TO STA. 360+99.30 STA. 461+27.63 TO STA. 463+64.00
 STA. 392+21.70 TO STA. 392+36.99 STA. 563+94.84 TO STA. 586+30.24
 STA. 411+41.20 TO STA. 414+25.10 STA. 606+71.64 TO STA. 638+75.24
 STA. 417+45.10 TO STA. 444+45.37




PROPOSED TYPICAL CROSS SECTION ④

STA. 329+38.50 TO STA. 360+99.30 STA. 461+27.63 TO STA. 463+64.00
 STA. 392+21.70 TO STA. 392+36.99 STA. 563+94.84 TO STA. 586+30.24
 STA. 411+41.20 TO STA. 414+25.10 STA. 606+71.64 TO STA. 638+75.24
 STA. 417+45.10 TO STA. 444+45.37

STATION EQUATIONS:
 STA. 414+25.10(BK) = STA. 417+45.10(AH)
 STA. 460+54.30(BK) = STA. 460+42.60(AH)



 HMA SURFACE REMOVAL, 1 1/2"

POLYMERIZED HOT-MIX ASPHALT BINDER COURSE,
 IL-9.5 FG, N90 (1 3/4")
 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,
 IL-9.5, MIX "D", N90 (2")
 AGGREGATE WEDGE SHOULDERS,
 TYPE B

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	DRAWN -	REVISED -
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PLOT DATE = 2/1/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

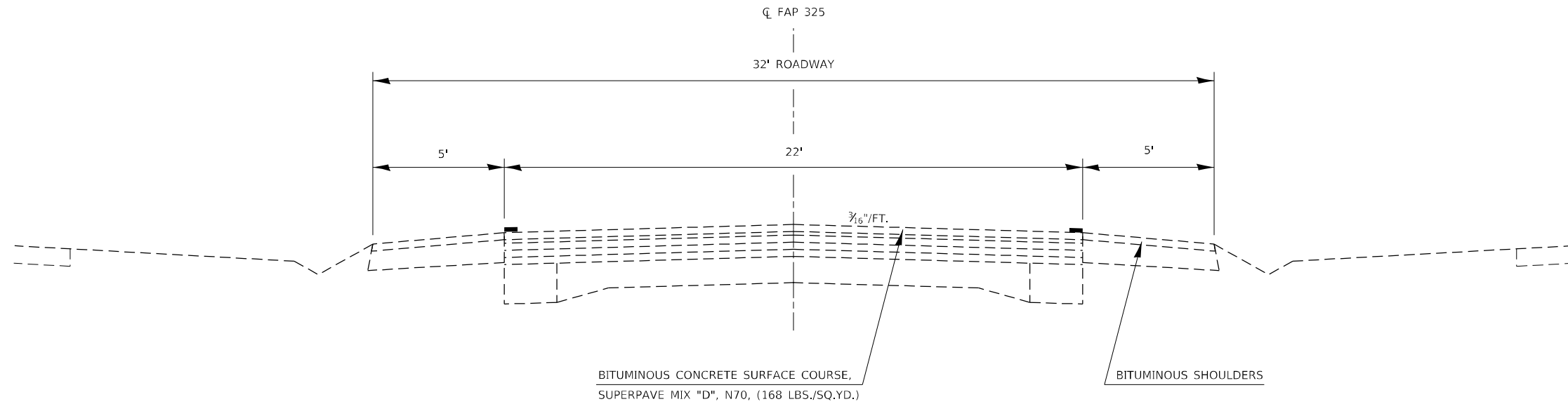
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	9
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION ⑤

STA. 463+64.00 TO STA. 478+84.64

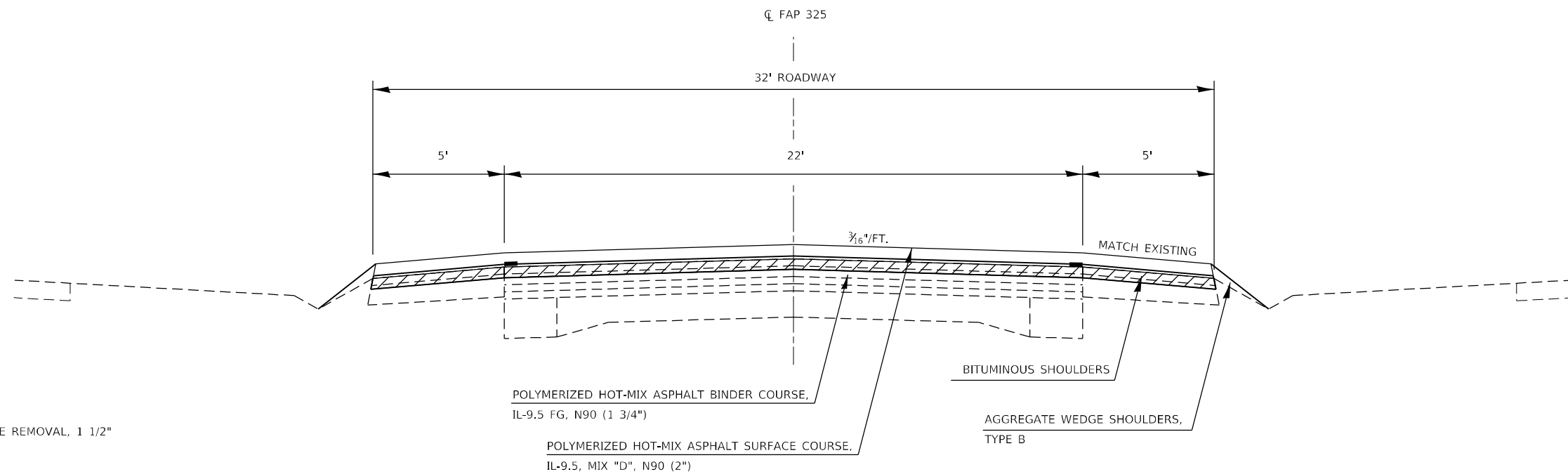
TOWER HILL



PROPOSED TYPICAL CROSS SECTION ⑤

STA. 463+64.00 TO STA. 478+84.64

TOWER HILL



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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/1/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

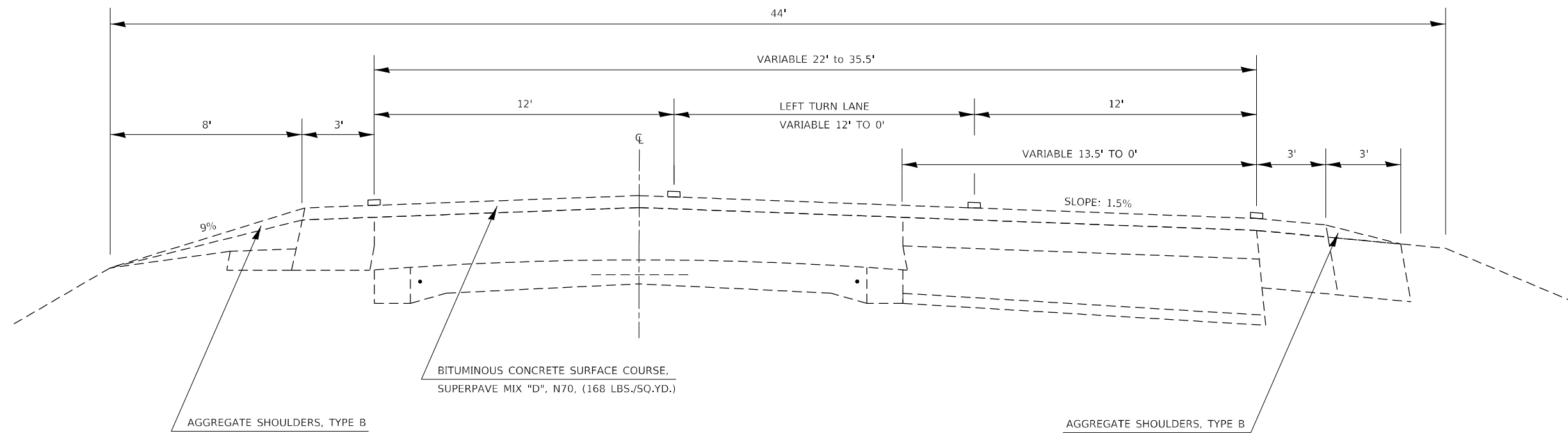
TYPICAL CROSS SECTIONS

SCALE: N/A SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	10
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				

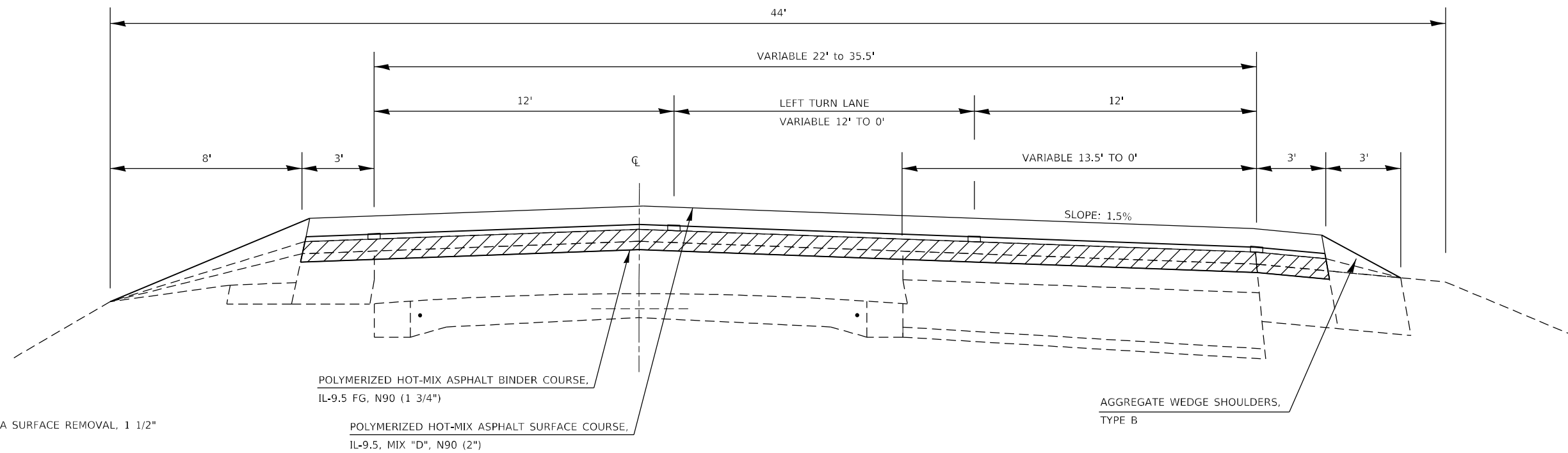
EXISTING TYPICAL CROSS SECTION ⑥

STA.138+23.47 TO STA. 155+32.79



PROPOSED TYPICAL CROSS SECTION ⑥

STA.138+23.47 TO STA. 155+32.79



HMA SURFACE REMOVAL, 1 1/2"

POLYMERIZED HOT-MIX ASPHALT BINDER COURSE,
IL-9.5 FG, N90 (1 3/4")

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,
IL-9.5, MIX "D", N90 (2")

AGGREGATE WEDGE SHOULDERS,
TYPE B

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/1/2022	DATE -	REVISED -

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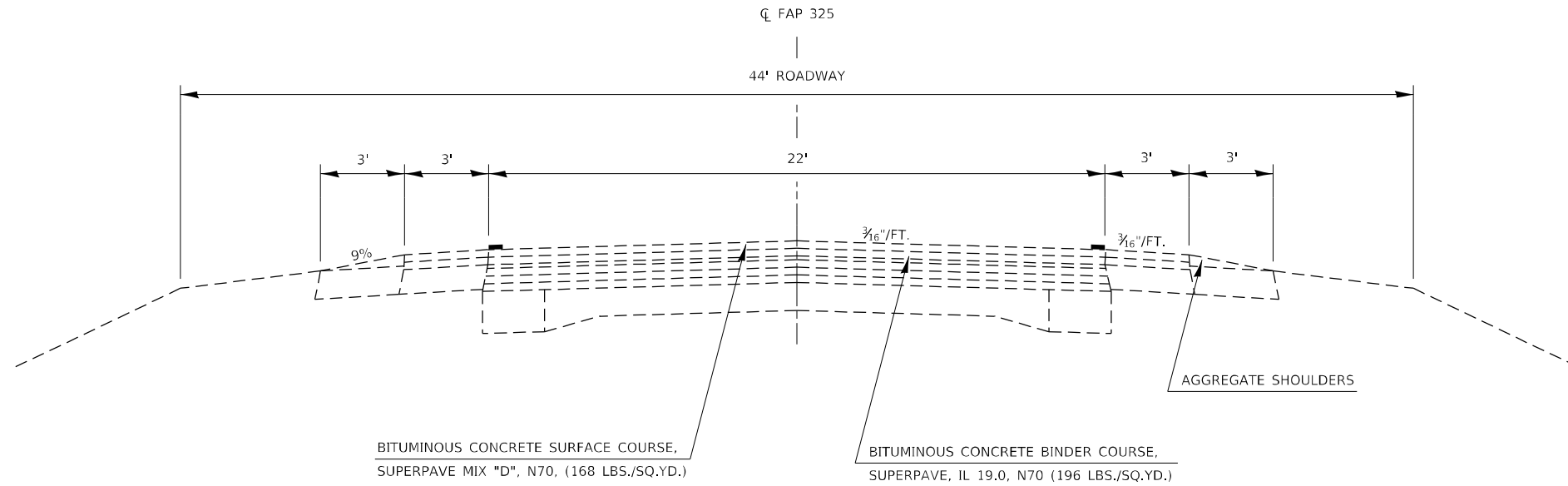
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	11
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				

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EXISTING TYPICAL CROSS SECTION ⑦

STA. 493+25.00 TO STA. 493+56.00

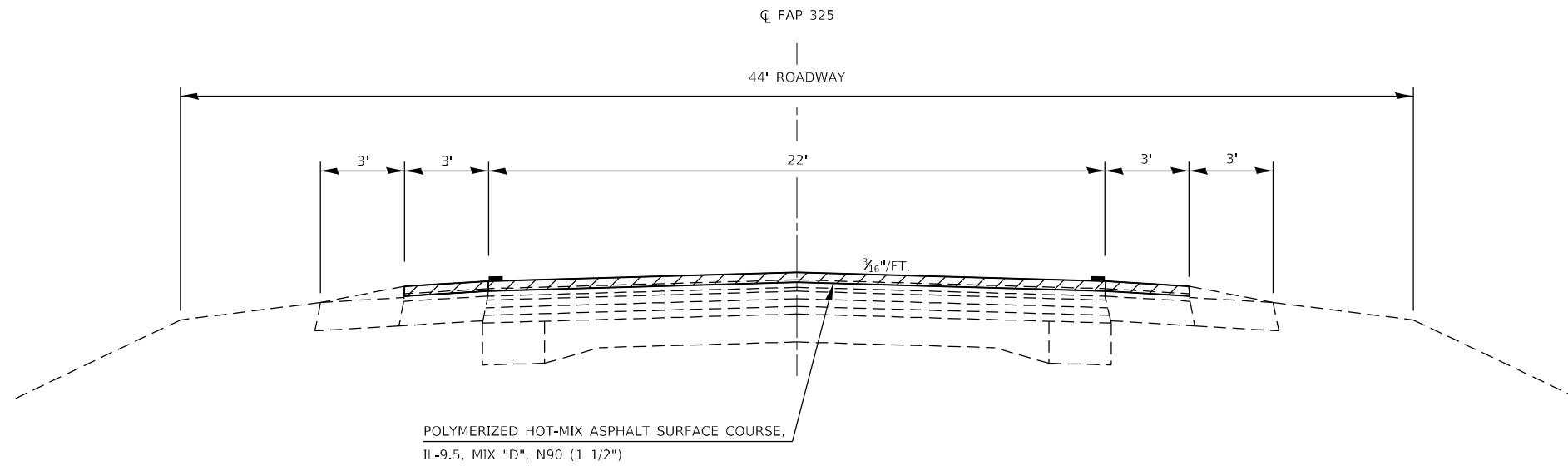
SN 087-0004




PROPOSED TYPICAL CROSS SECTION ⑦

STA. 493+25.00 TO STA. 493+56.00

SN 087-0004



 HMA SURFACE REMOVAL, 1 1/2"

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/1/2022	DATE -	REVISED -

SCALE: N/A SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	12
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE											
STATION	TO	STATION	LENGTH (FT)	PAVEMENT WIDTH (FT)	SHOULDER WIDTH TOTAL (L.T & RT COMBINED) (FT)	AREA (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" (SQ YD)	BITUMINOUS MATERIALS (TACK COAT) (POUND)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90 (TON)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90 (TON)	LONGITUDINAL JOINT SEALANT (FOOT)
98+72.00		138+23.47	3951.5	22.0	6.0	12293.5	12293.5	8298.1	1204.8	1376.9	3951.5
138+23.47		146+43.00	819.5	29.0	6.0	3187.1	3187.1	2151.3	312.3	357.0	1639.1
146+43.00		148+58.00	215.0	36.0	6.0	1003.3	1003.3	677.3	98.3	112.4	430.0
148+58.00		155+32.79	674.8	29.0	6.0	2624.2	2624.2	1771.3	257.2	293.9	674.8
155+32.79		218+92.88	6360.1	22.0	6.0	19786.9	19786.9	13356.2	1939.1	2216.1	6360.1
218+92.88	=	218+99.88	0.0								
218+99.88		237+68.00	1868.1	24.0	6.0	6227.1	6227.1	4203.3	610.3	697.4	1868.1
237+68.00		241+40.50	372.5								
241+40.50		263+70.90	2230.4	24.0	6.0	7434.7	7434.7	5018.4	728.6	832.7	2230.4
263+70.90	=	263+65.35	0.0								
263+65.35		265+00.00	134.7	24.0	6.0	448.8	448.8	303.0	44.0	50.3	134.7
265+00.00		326+61.50	6161.5	22.0	6.0	19169.1	19169.1	12939.2	1878.6	2146.9	6161.5
326+61.50	=	326+44.50	0.0								
326+44.50		329+38.50	294.0	22.0	6.0	914.7	914.7	617.4	89.6	102.4	294.0
329+38.50		360+99.30	3160.8	22.0	6.0	9833.6	9833.6	6637.7	963.7	1101.4	3160.8
360+99.30		392+21.70	3122.4	22.0	6.0	9714.1	9714.1	6557.0	952.0	1088.0	3122.4
392+21.70		392+36.99	15.3	22.0	6.0	47.6	47.6	32.1	4.7	5.3	15.3
392+36.99		411+41.20	1904.2	22.0	6.0	5924.2	5924.2	3998.8	580.6	663.5	1904.2
411+41.20		414+25.10	283.9	22.0	6.0	883.2	883.2	596.2	86.6	98.9	283.9
414+25.10	=	417+45.10	0.0								
417+45.10		444+45.37	2700.3	22.0	6.0	8400.8	8400.8	5670.6	823.3	940.9	2700.3
444+45.37		460+54.30	1608.9	22.0	6.0	5005.6	5005.6	3378.8	490.5	560.6	1608.9
460+54.30	=	460+42.60	0.0								
460+42.60		461+27.63	85.0	22.0	6.0	264.5	264.5	178.6	25.9	29.6	85.0
461+27.63		463+64.00	236.4	22.0	6.0	735.4	735.4	496.4	72.1	82.4	236.4
463+64.00		478+84.64	1520.6	22.0	10.0	5406.7	5406.7	3649.5	529.9	605.6	1520.6
478+84.64		489+47.10	1062.5	22.0	6.0	3305.4	3305.4	2231.2	323.9	370.2	1062.5
489+47.10	=	491+24.00	0.0								
491+24.00		493+08.00	184.0	22.0	6.0	572.4	572.4	386.4	56.1	64.1	184.0
493+08.00		493+25.00	17.0	22.0	6.0	52.9	52.9	35.7	5.2	5.9	17.0
493+25.00		493+56.00	31.0	22.0	6.0	96.4	96.4	43.4	0.0	8.1	31.0
493+56.00		493+81.00	25.0	22.0	6.0	77.8	77.8	52.5	7.6	8.7	25.0
493+81.00		494+26.00	45.0	22.0	6.0	140.0	140.0	94.5	13.7	15.7	45.0
494+26.00		586+30.24	9204.2	22.0	6.0	28635.4	28635.4	19328.9	2806.3	3207.2	9204.2
586+30.24		606+71.64	2041.4	22.0	6.0	6351.0	6351.0	4286.9	622.4	711.3	2041.4
606+71.64		638+75.24	3203.6	22.0	6.0	9966.8	9966.8	6727.6	976.7	1116.3	3203.6
638+75.24		639+93.00	117.8	22.0	6.0	366.4	366.4	247.3	35.9	41.0	117.8
639+93.00		640+00.00	7.0								
640+00.00	=	639+86.30	0.0								
639+86.30		640+33.00	46.7								
640+33.00		651+23.00	1090.0	22.0	6.0	3391.1	3391.1	2289.0	332.3	379.8	1090.0
						TOTAL	172,261.0	116,255.0	16,873.0	19,291.0	55,404.0

TEMPORARY RAMP SCHEDULE				
STATION	LOCATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)
98+72.00	PROJECT BEGINNING	5.0	28.0	15.6
237+68.00	SN 087-0005	5.0	30.0	16.7
241+40.50	SN 087-0005	5.0	30.0	16.7
639+93.00	SN 087-2009	5.0	28.0	15.6
640+33.00	SN 087-2009	5.0	28.0	15.6
651+23.00	PROJECT END	5.0	28.0	15.6
	TOTAL			96.0

SURVEY MARKER SCHEDULE						
STATION	DESCRIPTION	OFFSET (FT)	PROTECTING OR RESETTING SURVEY MARKERS (EACH)	PERMANENT SURVEY MARKERS, TYPE 1 (EACH)	SURVEY MARKER, TYPE 1 (SPECIAL) (EACH)	SURVEY MARKER VAULT (EACH)
117+62.00	MAG NAIL	0.56 RT	1.0	0.0	0.0	0.0
143+60.00	ALUM DISK IN ALUM VAULT	2.6 RT	1.0	0.0	0.0	1.0
147+60.00	I. PIN WITH IDOT CAP IN ALUM VAULT	0.0	1.0	0.0	1.0	0.0
169+85.00	MAG NAIL	4.3 RT	1.0	0.0	0.0	0.0
195+60.00	MAG NAIL	0.0	1.0	0.0	0.0	0.0
195+60.00	MAG NAIL	2.4 LT	1.0	0.0	0.0	0.0
218+92.88(BK)= 218+99.88(AH)	BRASS DISK IN ALUM VAULT-PC	2.0 LT	1.0	0.0	1.0	0.0
223+12.42	BRASS DISK IN ALUM VAULT-PI	5.2 LT	1.0	0.0	1.0	0.0
228+57.58	BRASS DISK IN COLD MIX PATCH-NO VAULT-PC	0.0	1.0	1.0	0.0	0.0
232+70.16	BRASS DISK IN ALUM VAULT-PI	4.5 RT	1.0	0.0	1.0	0.0
236+82.58	BRASS DISK IN ALUM VAULT-PT	0.0	1.0	0.0	1.0	0.0
246+25.94	BRASS DISK IN COLD MIX PATCH-NO VAULT-PC	0.0	1.0	1.0	0.0	0.0
250+36.62	BRASS DISK IN ALUM VAULT-PI	5.2 RT	1.0	0.0	1.0	0.0
254+47.09	BRASS DISK IN ALUM VAULT-PT	2.2 LT	1.0	0.0	1.0	0.0
255+73.17	BRASS DISK IN ALUM VAULT-PC	3.2 LT	1.0	0.0	1.0	0.0
258+90.53	BRASS DISK IN ALUM VAULT-PI	7.2 LT	1.0	0.0	1.0	0.0
262+07.78	BRASS DISK IN ALUM VAULT-PT	0.0	1.0	0.0	1.0	0.0
353+22.00	BRASS DISK IN ALUM VAULT	0.0	1.0	0.0	0.0	1.0
379+61.00	BRASS DISK IN ALUM VAULT	0.6 RT	1.0	0.0	0.0	1.0
607+84.00	MAG NAIL	0.0	1.0	0.0	0.0	1.0
634+22.00	BRASS DISK IN ALUM VAULT	1.5 LT	1.0	0.0	0.0	1.0
	TOTAL		21.0	2.0	10.0	5.0

GROOVING FOR RECESSED PAVEMENT MARKING SCHEDULE								
STATION	TO	STATION	LENGTH (FT)	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS (SQ FT)	GROOVING FOR RECESSED PAVEMENT MARKING 5" (FOOT)	GROOVING FOR RECESSED PAVEMENT MARKING 7" (FOOT)	GROOVING FOR RECESSED PAVEMENT MARKING 13" (FOOT)	GROOVING FOR RECESSED PAVEMENT MARKING 25" (FOOT)
138+22.60		144+62.60	640.0	0.0	2560.0	0.0	94.0	0.0
144+62.60		147+12.30	249.7	62.4	499.4	249.7	0.0	0.0
147+12.30		147+85.70	73.4	0.0	0.0	0.0	0.0	30.0
147+85.70		154+86.90	701.2	0.0	2804.8	0.0	212.0	0.0
		TOTAL		63.0	5865.0	250.0	306.0	30.0

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/1/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	13
CONTRACT NO. 74960				
ILLINOIS		FED. AID PROJECT		

GUARDRAIL REMOVAL SCHEDULE				
STATION		TO	STATION	(FOOT)
EASTBOUND APPROACH				
222+36.00		229+71.00	735.0	735.0
229+71.00		230+48.00	77.0	84.0
230+48.00		237+68.00	720.0	720.0
GUARDRAIL OMISSION: ROBINSON CREEK BRIDGE				
241+40.50		241+77.00	36.5	36.5
241+77.00		242+41.00	64.0	84.0
242+41.00		248+00.00	559.0	559.0
248+00.00		248+82.00	82.0	330.0
248+82.00		256+42.00	760.0	760.0
256+42.00		257+08.00	66.0	87.0
257+08.00		261+76.00	468.0	468.0
276+44.00		278+11.00	167.0	167.0
GUARDRAIL OMISSION: SN 087-2003				
278+35.00		280+87.00	252.0	252.0
286+21.00		288+00.00	179.0	179.0
GUARDRAIL OMISSION: SN 087-8603				
288+12.00		290+67.00	255.0	255.0
296+40.00		299+46.00	306.0	306.0
491+73.00		493+25.00	152.0	152.0
GUARDRAIL OMISSION: SN 087-0004				
493+56.00		493+70.00	14.0	14.0
493+70.00		493+90.00	20.0	44.0
623+87.00		627+77.00	390.0	390.0
638+55.00		639+93.00	138.0	138.0
GUARDRAIL OMISSION: SN 087-2009				
640+33.00		642+72.00	239.0	239.0
EASTBOUND SUB-TOTAL =				5999.5

GUARDRAIL REMOVAL SCHEDULE				
STATION		TO	STATION	(FOOT)
WESTBOUND APPROACH				
222+52.00		237+68.00	1516.0	1516.0
GUARDRAIL OMISSION: ROBINSON CREEK BRIDGE				
241+40.50		248+03.00	662.5	662.5
248+03.00		248+94.00	91.0	364.0
248+94.00		263+70.90	1476.9	1476.9
STATION EQUATION				
263+65.35		267+80.00	414.7	414.7
275+14.00		277+66.00	252.0	252.0
GUARDRAIL OMISSION: SN 087-2003				
277+93.00		279+70.00	177.0	177.0
285+47.00		288+00.00	253.0	253.0
GUARDRAIL OMISSION: SN 087-8603				
288+12.00		293+19.00	507.0	507.0
492+91.00		493+11.00	20.0	42.0
493+11.00		493+25.00	14.0	14.0
GUARDRAIL OMISSION: SN 087-0004				
493+56.00		495+10.00	154.0	154.0
622+33.00		626+53.00	420.0	420.0
637+68.00		639+93.00	225.0	225.0
GUARDRAIL OMISSION: SN 087-2009				
640+33.00		641+85.00	152.0	152.0
WESTBOUND SUB-TOTAL =				6630.1
EASTBOUND SUB-TOTAL =				5999.5
GRAND TOTAL =				12630.0

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE								
STATION	TO	STATION	LOCATION (CL/LT/RT)	LENGTH (FT)	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)	RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER) (EACH)	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER) (EACH)	RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL) (EACH)
98+72.00		137+42.60	CL	3870.6	48.4	48.4	0.0	0.0
137+42.60		147+12.30	TURN LANE/CL	969.7	65.1	18.5	39.6	7.0
147+85.70		155+66.90	TURN LANE/CL	781.2	43.5	7.0	36.5	0.0
155+66.90		218+92.88	CL	6326.0	79.1	79.1	0.0	0.0
218+92.88	=	218+99.99	STATION EQUATION					
218+99.99		237+68.00	CL	1868.0	23.4	23.4	0.0	0.0
237+68.00		241+40.50	CL	372.5	4.7	4.7	0.0	0.0
241+40.50		263+70.90	CL	2230.4	27.9	27.9	0.0	0.0
263+70.90	=	263+65.35	STATION EQUATION					
263+65.35		265+00.00	CL	134.7	1.7	1.7	0.0	0.0
265+00.00		326+61.50	CL	6161.5	77.0	77.0	0.0	0.0
326+61.50	=	326+44.50	STATION EQUATION					
326+44.50		329+38.50	CL	294.0	3.7	3.7	0.0	0.0
329+38.50		360+99.30	CL	3160.8	39.5	39.5	0.0	0.0
360+99.30		392+21.70	CL	3122.4	39.0	39.0	0.0	0.0
392+21.70		392+36.99	CL/LT/RT	15.3	0.2	0.4	0.0	0.8
392+36.99		411+41.20	CL/LT/RT	1904.2	23.8	47.6	0.0	95.2
411+41.20		414+25.10	CL/LT/RT	283.9	3.5	7.1	0.0	14.2
414+25.10	=	417+45.10	STATION EQUATION					
417+45.10		444+45.37	CL	2700.3	33.8	33.8	0.0	0.0
444+45.37		460+54.30	CL/LT/RT	1608.9	20.1	40.2	0.0	80.4
460+54.30	=	460+42.60	STATION EQUATION					
460+42.60		461+27.63	CL/LT/RT	85.0	1.1	2.1	0.0	4.3
461+27.63		463+64.00	CL	236.4	3.0	3.0	0.0	0.0
463+64.00		478+84.64	CL	1520.6	19.0	19.0	0.0	0.0
478+84.64		489+47.10	CL	1062.5	13.3	13.3	0.0	0.0
489+47.10	=	491+24.00	STATION EQUATION					
491+24.00		493+08.00	CL	184.0	2.3	2.3	0.0	0.0
493+08.00		493+53.00	CL	45.0	0.6	0.6	0.0	0.0
493+53.00		493+81.00	CL	28.0	0.4	0.4	0.0	0.0
493+81.00		494+26.00	CL	45.0	0.6	0.6	0.0	0.0
494+26.00		563+94.84	CL	6968.8	87.1	87.1	0.0	0.0
563+94.84		586+30.24	CL	2235.4	27.9	27.9	0.0	0.0
586+30.24		606+71.64	CL	2041.4	25.5	25.5	0.0	0.0
606+71.64		638+75.24	CL	3203.6	40.0	40.0	0.0	0.0
638+75.24		639+81.50	CL	106.3	1.3	1.3	0.0	0.0
639+81.50		640+00.00	CL	18.5	0.2	0.2	0.0	0.0
640+00.00	=	639+86.30	STATION EQUATION					
639+86.30		640+54.50	CL	68.2	0.9	0.9	0.0	0.0
640+54.50		651+23.00	CL	1068.5	13.4	13.4	0.0	0.0
TOTAL					771.0	737.0	77.0	202.0

NOTE: RRP'S WILL BE PLACED AT 40 FOOT ON CENTER SPACING WHERE RRP'S ARE DESIGNATED TO BE PLACED AT BOTH THE EDGELINES AND CENTERLINE (CL/LT/RT)

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	14
CONTRACT NO. 74960				
ILLINOIS		FED. AID PROJECT		

Table with 11 columns: STATION, TO, STATION, DISTANCE, STEEL PLATE BEAM GUARDRAIL TYPE A (6 FOOT POSTS), STEEL PLATE BEAM GUARDRAIL TYPE A (9 FOOT POSTS), STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS), TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL), TANGENT, TRAFFIC BARRIER TERMINAL TYPE 6, TRAFFIC BARRIER TERMINAL TYPE 6A (SPECIAL), TERMINAL MARKER - DIRECT APPLIED, GUARDRAIL REFLECTORS TYPE A. Includes sections for EASTBOUND APPROACH and WESTBOUND APPROACH with various stationing and quantities.

Table with 11 columns: STATION, TO, STATION, DISTANCE, STEEL PLATE BEAM GUARDRAIL TYPE A (6 FOOT POSTS), STEEL PLATE BEAM GUARDRAIL TYPE A (9 FOOT POSTS), STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS), TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL), TANGENT, TRAFFIC BARRIER TERMINAL TYPE 6, TRAFFIC BARRIER TERMINAL TYPE 6A (SPECIAL), TERMINAL MARKER - DIRECT APPLIED, GUARDRAIL REFLECTORS TYPE A. Includes sections for WESTBOUND APPROACH and EASTBOUND APPROACH with various stationing and quantities.

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PLOT DATE = 2/1/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES			
SCALE: N/A	SHEET 3	OF 8 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	14RS-6 & 12RS-8	SHELBY	53	15
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				

ENTRANCE SCHEDULE, CONT'D											
STATION	RT / LT	TYPE	MATERIAL	WIDTH	WIDTH	DEPTH	AREA	INCIDENTAL	AGGREGATE	TEMPORARY	SURFACE
				FRONT	BACK			HOT-MIX ASPHALT SURFACING	SURFACE COURSE, TYPE B	RAMP, SPECIAL	REMOVAL, VARIABLE DEPTH (SPECIAL)
				FEET	FEET	FEET	SQ YD	40800050	40200800	X4060995	X0326440
								TON	TON	SQ YD	SQ YD
105+09	LT	PE	HMA	48	30	10	43	5			43
108+17	LT	CE	HMA	68	47	10	64	8			64
113+04	LT	FE	HMA	38	27	6	22	3			22
119+05	LT	CE	HMA	90	61	10	84	10			84
122+53	LT	FE	AGG	30	20	6	17		2		
130+83	LT	FE	HMA	46	32	6	26	3			26
143+69	LT	FE	HMA	62	47	6	36	4			36
144+61	LT	FE	HMA	34	22	6	19	2			19
147+52.5	LT	PRA	HMA	174	48	40	493	59		27	493
161+77	LT	PE	HMA	46	28	10	41	5			41
163+41	LT	PE	HMA	42	26	10	38	5			38
170+70	LT	PE	HMA	45	34	6	26	3			26
174+65	LT	PE	HMA	42	28	10	39	5			39
182+59	LT	PE	HMA	43	25	10	38	5			38
188+10	LT	FE	HMA	26	18	6	15	2			15
195+60	LT	PRA	HMA	60	32	15	77	9			77
211+32	LT	PE	HMA	38	28	10	37	4			37
221+99	LT	PRA	HMA	62	37	15	83	10			83
230+02	LT	FE	HMA	51	35	6	29	3			29
241+98	LT	PE	HMA	60	33	6	31	4			31
248+48	LT	PRA	HMA	68	32	15	83	10			83
256+80	LT	PE	HMA	40	20	6	20	2			20
263+56	LT	PE	HMA	37	21	6	19	2			19
264+44	LT	PE	HMA	32	20	6	17	2			17
269+32	LT	FE	HMA	30	17	6	16	2			16
274+67	LT	FE	HMA	32	25	6	19	2			19
299+77	LT	PRA	HMA	65	25	15	75	9			75
303+07	LT	PE	HMA	44	33	10	43	5			43
305+38	LT	PE	HMA	63	33	10	53	6			53
310+89	LT	FE	HMA	33	23	6	19	2			19
320+45	LT	FE	HMA	37	23	6	20	2			20
326+51	LT	FE	AGG	30	20	6	17		2		
329+01	LT	PE	HMA	40	26	10	37	4			37
329+67	LT	PE	HMA	54	37	10	51	6			51
339+28	LT	FE	HMA	30	20	6	17	2			17
340+54	LT	CE	PCC	80	40	10	67			44	
344+29	LT	CE	PCC	80	40	10	67			44	
353+22	LT	PRA	HMA	62	42	15	87	10			87
366+42	LT	FE	HMA	43	31	6	25	3			25
375+70	LT	FE	HMA	40	27	6	22	3			22
397+87	LT	FE	HMA	42	30	6	24	3			24
404+77	LT	FE	HMA	50	31	6	27	3			27
421+87	LT	FE	HMA	52	40	6	31	4			31
429+11	LT	PE	HMA	48	29	10	43	5			43
432+20	LT	FE	HMA	39	32	6	24	3			24
438+00	LT	FE	HMA	35	25	6	20	2			20
452+16	LT	PRA	HMA	90	55	10	81	10			81
454+00	LT	CE	HMA	78	48	10	70	8			70
454+95	LT	CE	HMA	71	47	10	66	8			66
459+41	LT	PE	HMA	58	32	10	50	6			50
465+46	LT	PRA	PCC	68	38	10	59			38	
467+22	LT	PE	HMA	16	13	5	8	1			8
468+01	LT	PE	HMA	16	12	5	8	1			8
469+86	LT	PE	HMA	25	18	5	12	1			12
471+83	LT	PE	HMA	18	15	2	4	0			4
473+33	LT	PRA	HMA	55	35	10	50	6			50
473+95	LT	PE	HMA	20	10	10	17	2			17
475+02	LT	PE	HMA	35	24	3	10	1			10
475+99	LT	PRA	HMA	38	18	15	47	6			47
477+25	LT	PE	HMA	19	10	10	16	2			16
478+39	LT	CE	HMA	66	50	10	64	8			64
479+92	LT	CE	HMA	115	95	10	117	14			117
486+52	LT	FE	AGG	30	20	6	17		2		
516+49	LT	FE	HMA	31	20	6	17	2			17
524+96	LT	FE	HMA	32	20	6	17	2			17
529+50	LT	FE	HMA	35	20	6	18	2			18
549+12	LT	FE	HMA	40	24	6	21	2			21
550+80	LT	FE	HMA	22	15	6	12	1			12
553+09	LT	PE	AGG	31	20	10	28		3		
554+48	LT	PE	HMA	33	18	10	28	3			28
555+30	LT	PRA	HMA	52	25	15	64	8			64
561+47	LT	FE	HMA	38	28	6	22	3			22

ENTRANCE SCHEDULE, CONT'D											
STATION	RT / LT	TYPE	MATERIAL	WIDTH	WIDTH	DEPTH	ARFA	INCIDENTAL	AGGREGATE	TEMPORARY	SURFACE
				FRONT	BACK			HOT-MIX ASPHALT SURFACING	SURFACE COURSE, TYPE B	RAMP, SPECIAL	REMOVAL, VARIABLE DEPTH (SPECIAL)
				FEET	FEET	FEET	SQ YD	40800050	40200800	X4060995	X0326440
								TON	TON	SQ YD	SQ YD
581+25	LT	FE	HMA	33	26	6	20	2			20
594+78	LT	FE	HMA	40	28	6	23	3			23
605+54	LT	FE	HMA	40	28	6	23	3			23
607+86	LT	PRA	HMA	69	27	20	107	13			107
610+13	LT	FE	HMA	22	15	6	12	1			12
615+90	LT	PE	HMA	57	39	10	53	6			53
618+90	LT	PE	HMA	86	52	10	77	9			77
628+60	LT	PE	HMA	30	16	10	26	3			26
631+19	LT	PE	HMA	53	31	10	47	6			47
647+50	LT	PE	HMA	47	32	10	44	5			44
PAGE TOTAL								389	9.0	153	3284
PROJECT TOTAL								861	19	153	7278

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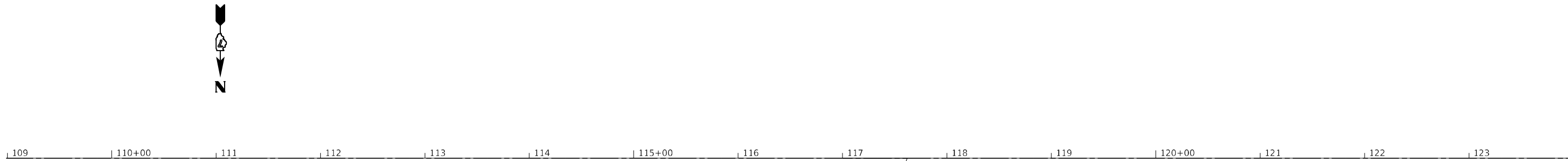
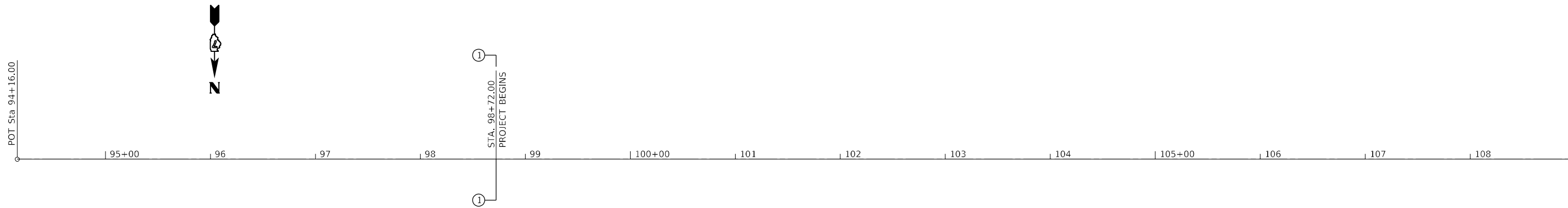
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	20
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				



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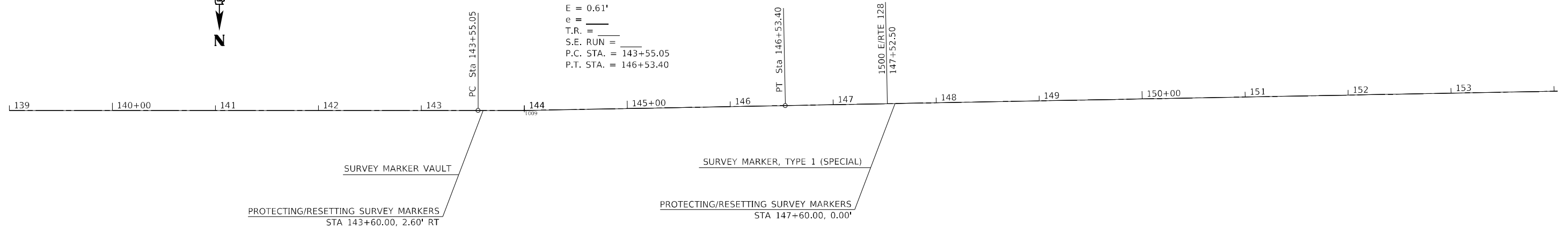
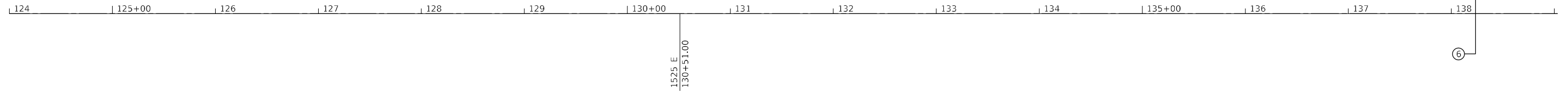
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: N/A SHEET 1 OF 19 SHEETS STA. 94+16.00 TO STA. 124+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	21
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE
 PI STA. = 145+04.20
 Δ = 0° 56' 31" (RT)
 R = 18,147.06'
 T = 149.18'
 L = 298.35'
 E = 0.61'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 143+55.05
 P.T. STA. = 146+53.40

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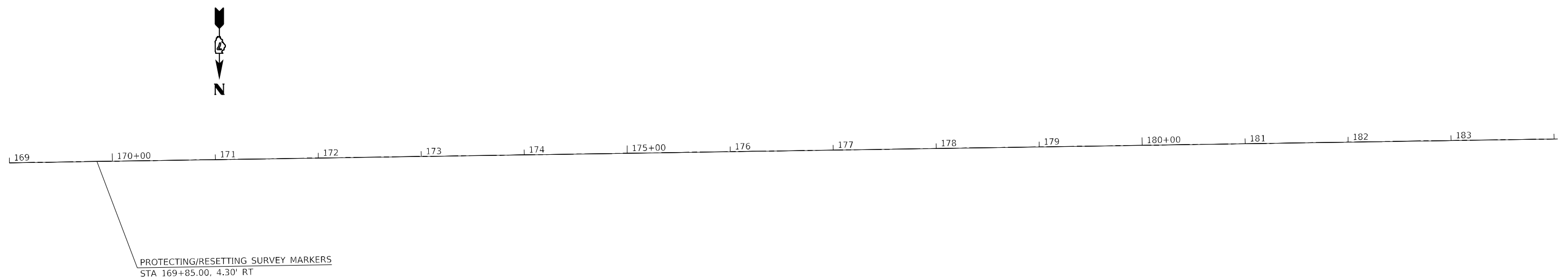
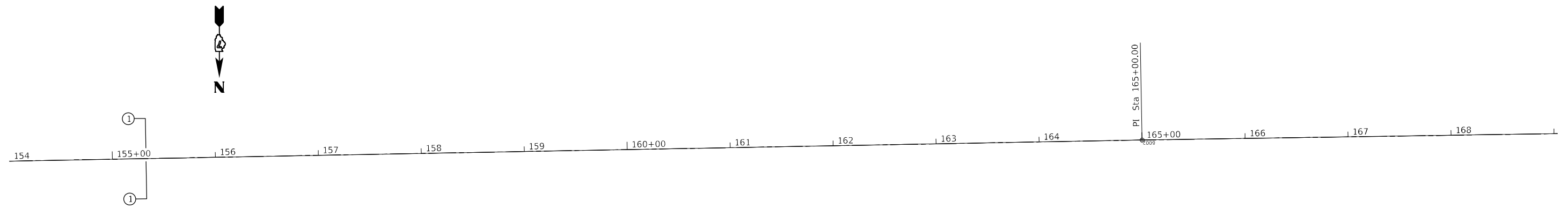
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: N/A SHEET 2 OF 19 SHEETS STA. 124+00.00 TO STA. 154+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	22
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				



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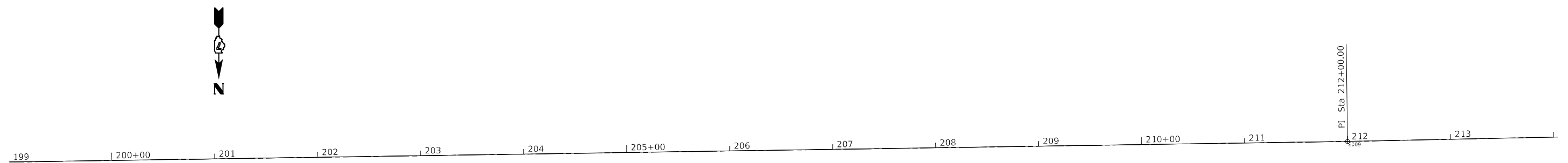
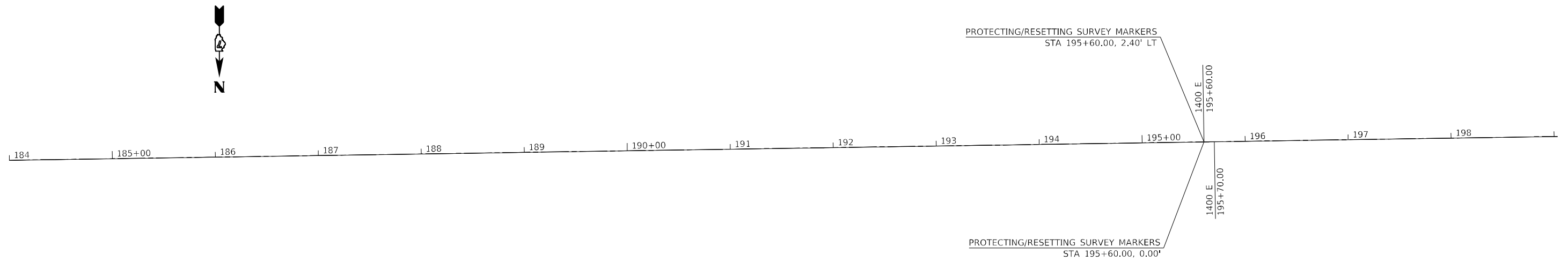
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PLOT DATE = 12/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: N/A SHEET 3 OF 19 SHEETS STA. 154+00.00 TO STA. 184+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74960	



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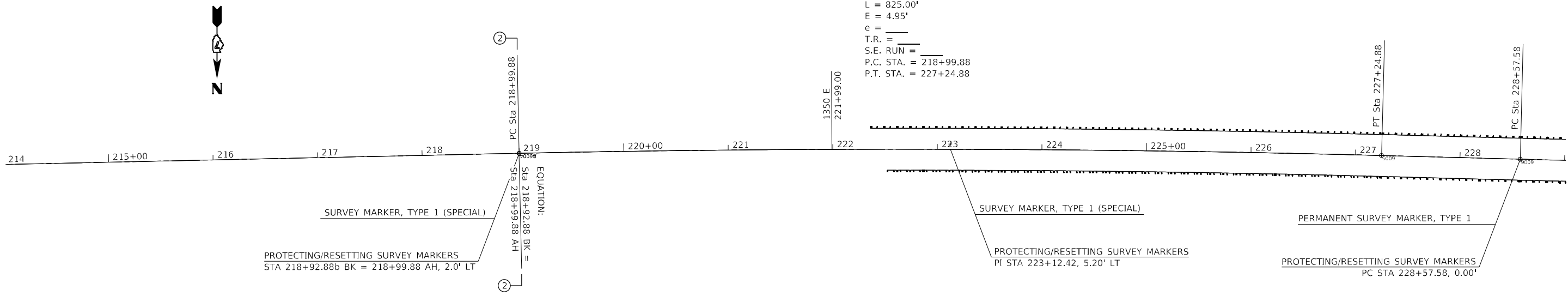
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

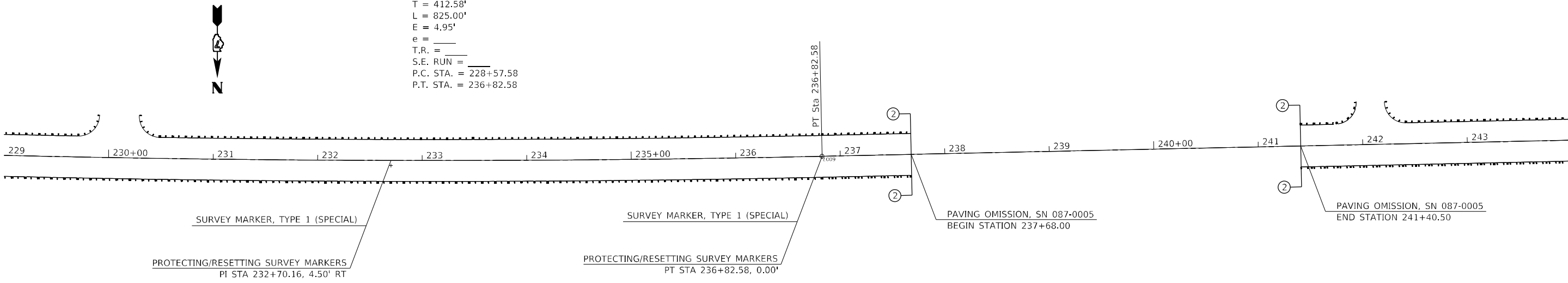
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	24
CONTRACT NO. 74960			ILLINOIS FED. AID PROJECT	

EXIST. CURVE
 PI STA. = 223+12.46
 $\Delta = 2^\circ 45' 00''$ (RT)
 $D = 0^\circ 20' 00''$
 $R = 17,188.73'$
 $T = 412.58'$
 $L = 825.00'$
 $E = 4.95'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 218+99.88$
 $P.T. STA. = 227+24.88$



EXIST. CURVE
 PI STA. = 232+70.16
 $\Delta = 2^\circ 45' 00''$ (LT)
 $D = 0^\circ 20' 00''$
 $R = 17,188.73'$
 $T = 412.58'$
 $L = 825.00'$
 $E = 4.95'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 228+57.58$
 $P.T. STA. = 236+82.58$



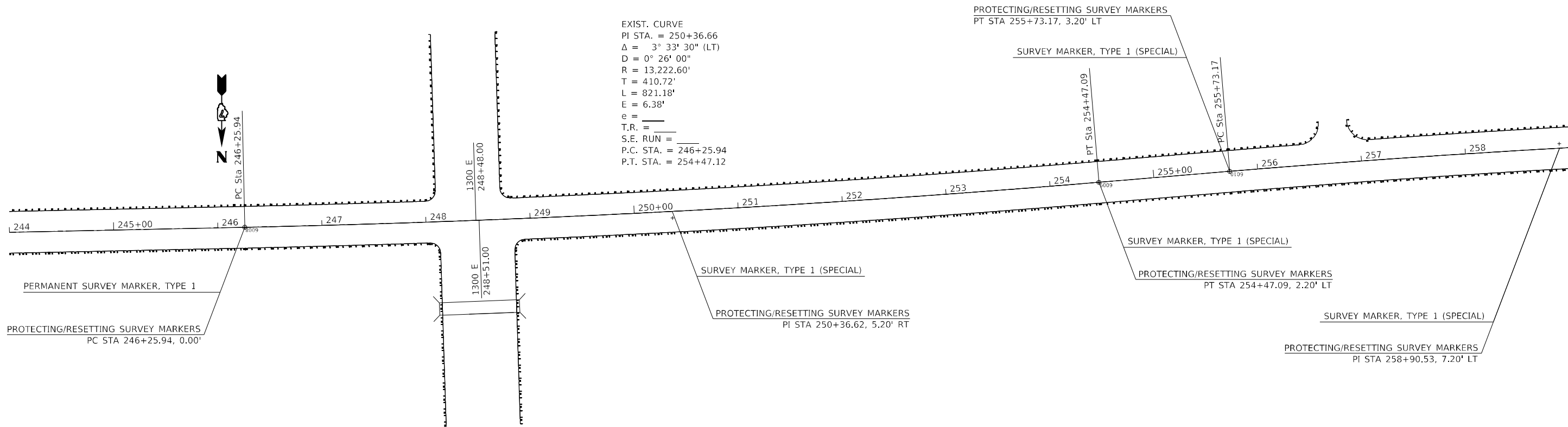
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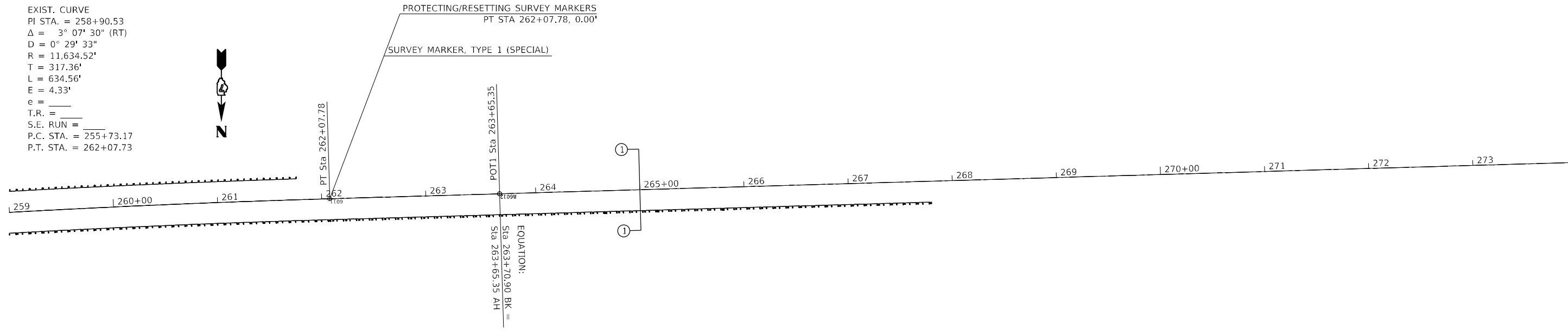
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE: N/A	SHEET 5	OF 19 SHEETS	STA. 214+00.00 TO STA. 244+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	25
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE
 PI STA. = 250+36.66
 $\Delta = 3^\circ 33' 30''$ (LT)
 $D = 0^\circ 26' 00''$
 $R = 13,222.60'$
 $T = 410.72'$
 $L = 821.18'$
 $E = 6.38'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 246+25.94$
 $P.T. STA. = 254+47.12$



EXIST. CURVE
 PI STA. = 258+90.53
 $\Delta = 3^\circ 07' 30''$ (RT)
 $D = 0^\circ 29' 33''$
 $R = 11,634.52'$
 $T = 317.36'$
 $L = 634.56'$
 $E = 4.33'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 255+73.17$
 $P.T. STA. = 262+07.73$

EQUATION:
 Sta 263+70.90 BK =
 Sta 263+65.35 AH

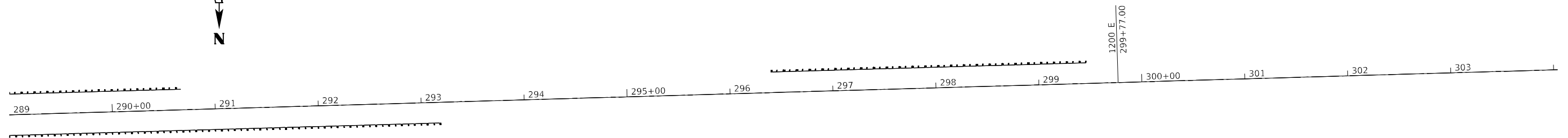
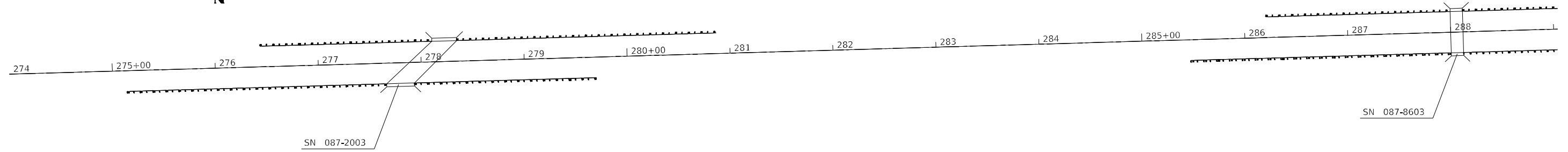
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE: N/A	SHEET 6	OF 19 SHEETS	STA. 244+00.00 TO STA. 274+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	26
CONTRACT NO. 74960			ILLINOIS FED. AID PROJECT	



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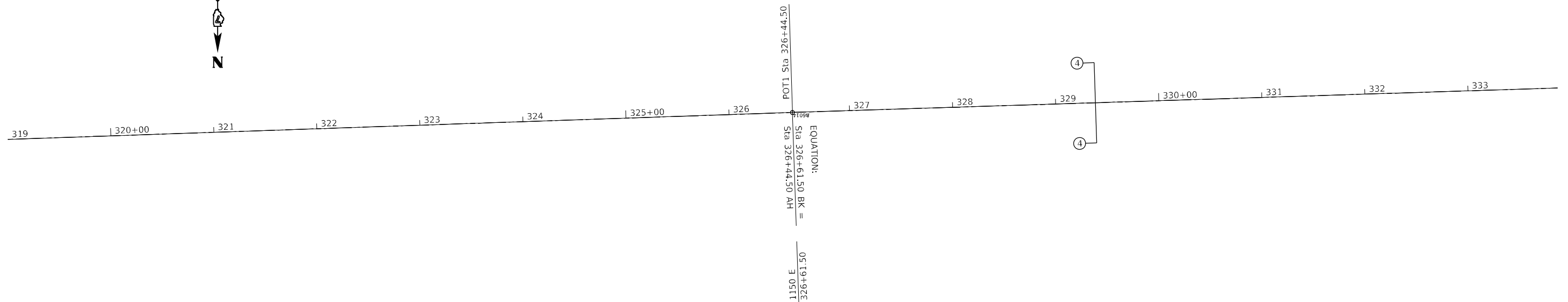
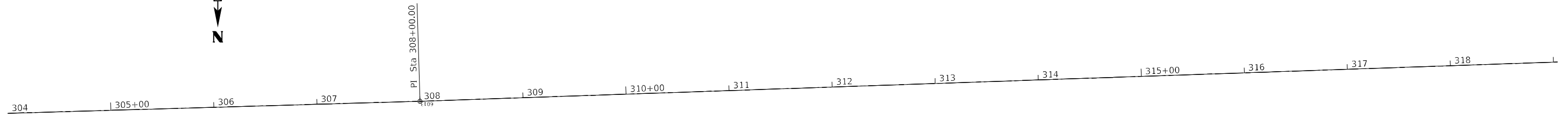
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PLOT DATE = 12/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: N/A SHEET 7 OF 19 SHEETS STA. 274+00.00 TO STA. 304+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	27
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74960	



MODEL: Default
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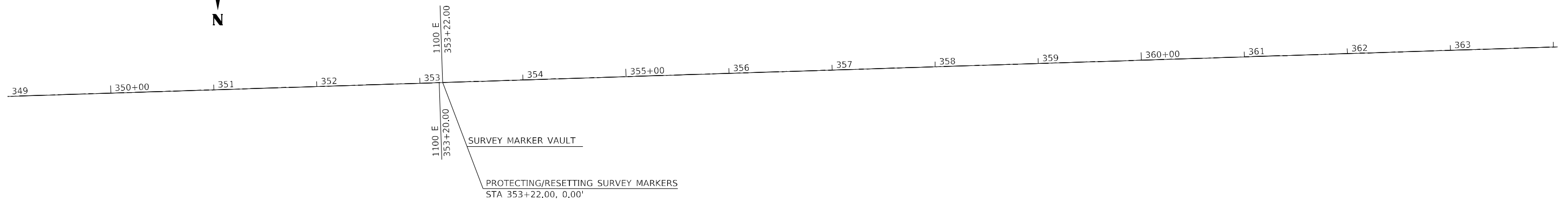
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	DRAWN -	REVISED -
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PLOT DATE = 12/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: N/A SHEET 8 OF 19 SHEETS STA. 304+00.00 TO STA. 334+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	28
CONTRACT NO. 74960			ILLINOIS FED. AID PROJECT	



MODEL: Default
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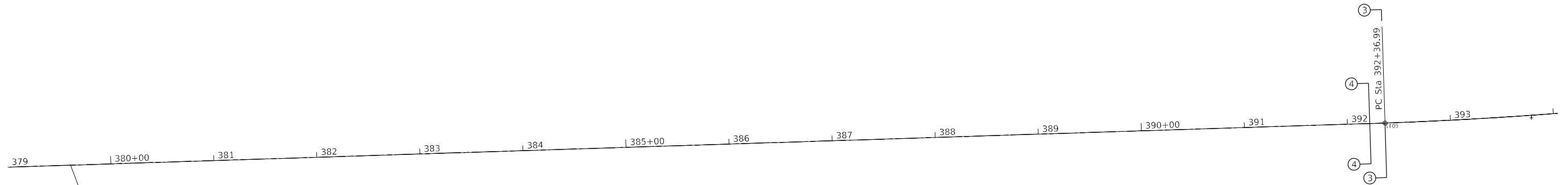
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PLOT DATE = 12/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: N/A SHEET 9 OF 19 SHEETS STA. 334+00.00 TO STA. 364+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	29
CONTRACT NO. 74960			ILLINOIS FED. AID PROJECT	



SURVEY MARKER VAULT

PROTECTING/RESETTING SURVEY MARKERS
STA 379+61.00, 0.60' RT

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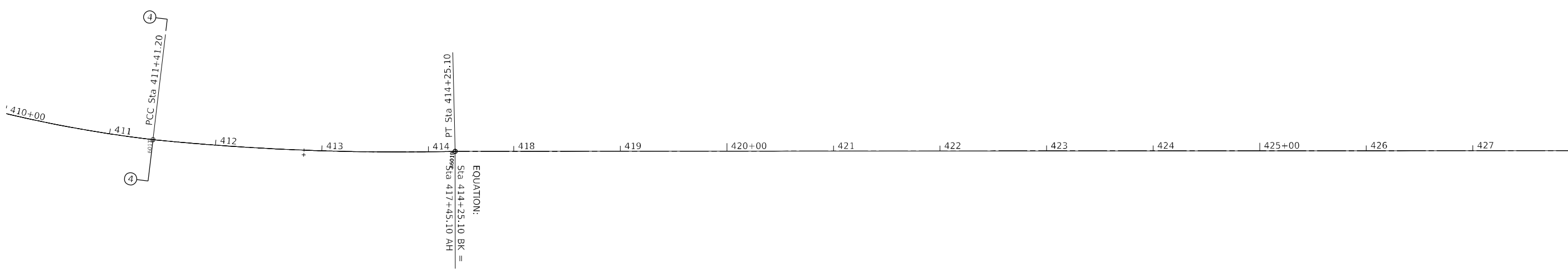
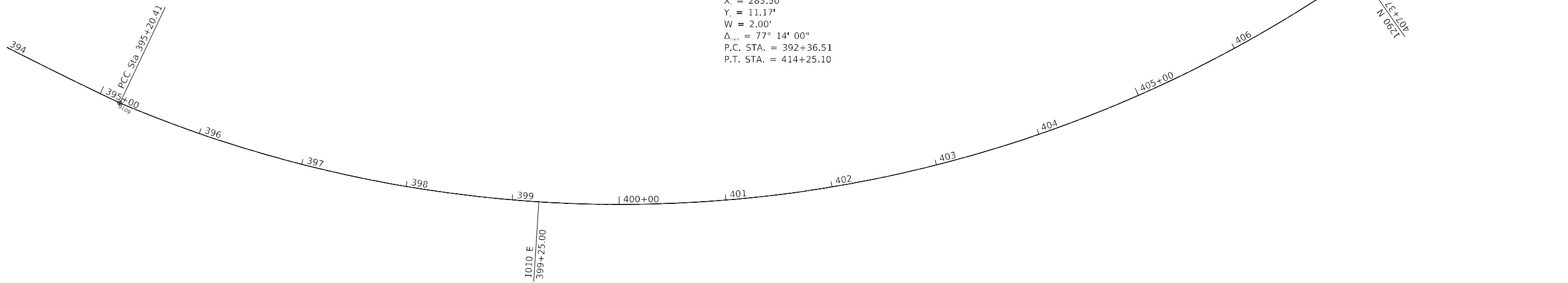
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: N/A SHEET 10 OF 19 SHEETS STA. 364+00.00 TO STA. 394+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	30
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74960	

EXIST. SPRIAL
 PI STA. = 406+00.00
 $\Delta = 90^\circ 46' 00''$ (LT)
 $\theta_{\text{START}} = 4^\circ 46' 00''$
 $R_{\text{START}} = 1,202.35'$
 $T_s = 1363.01'$
 $L_{\text{START}} = 1,620.00'$
 $E_s = 513.38'$
 $\theta = 6^\circ 46' 00''$
 $L = 283.90'$
 $X_s = 283.50'$
 $Y_s = 11.17'$
 $W = 2.00'$
 $\Delta_{\text{END}} = 77^\circ 14' 00''$
 P.C. STA. = 392+36.51
 P.T. STA. = 414+25.10



EQUATION:
 Sta 414+25.10 BK =
 Sta 417+45.10 AH

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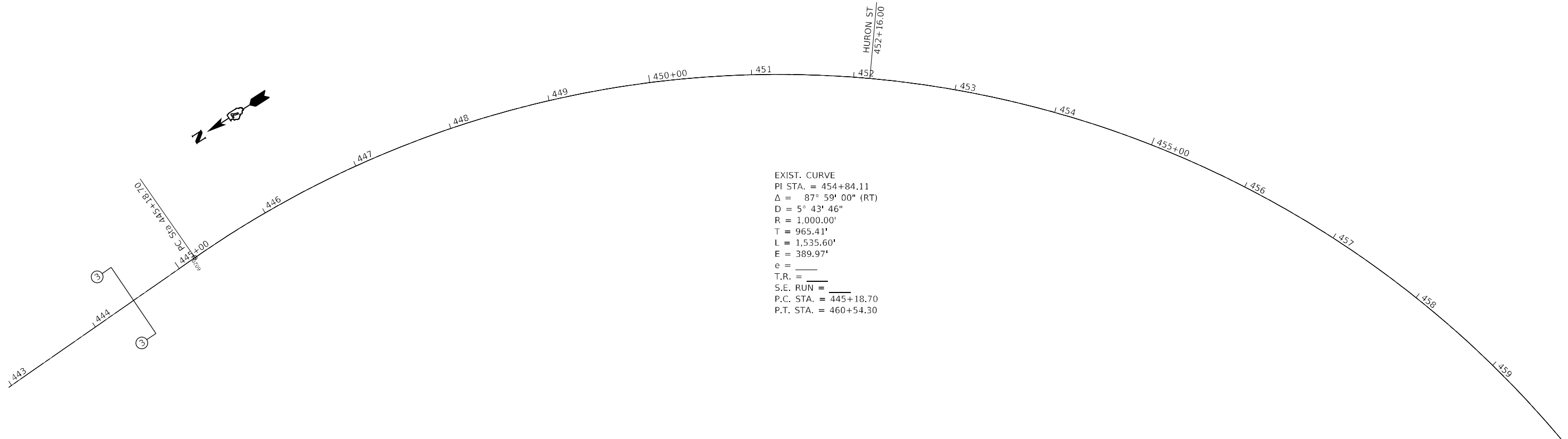
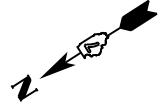
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE: N/A	SHEET 11 OF 19 SHEETS	STA. 394+00.00 TO STA. 428+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	31
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74960	



428 | 429 | 430+00 | 431 | 432 | 433 | 434 | 435+00 | 436 | 437 | 438 | 439 | 440+00 | 441 | 442



EXIST. CURVE
 PI STA. = 454+84.11
 Δ = 87° 59' 00" (RT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 965.41'
 L = 1,535.60'
 E = 389.97'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 445+18.70
 P.T. STA. = 460+54.30

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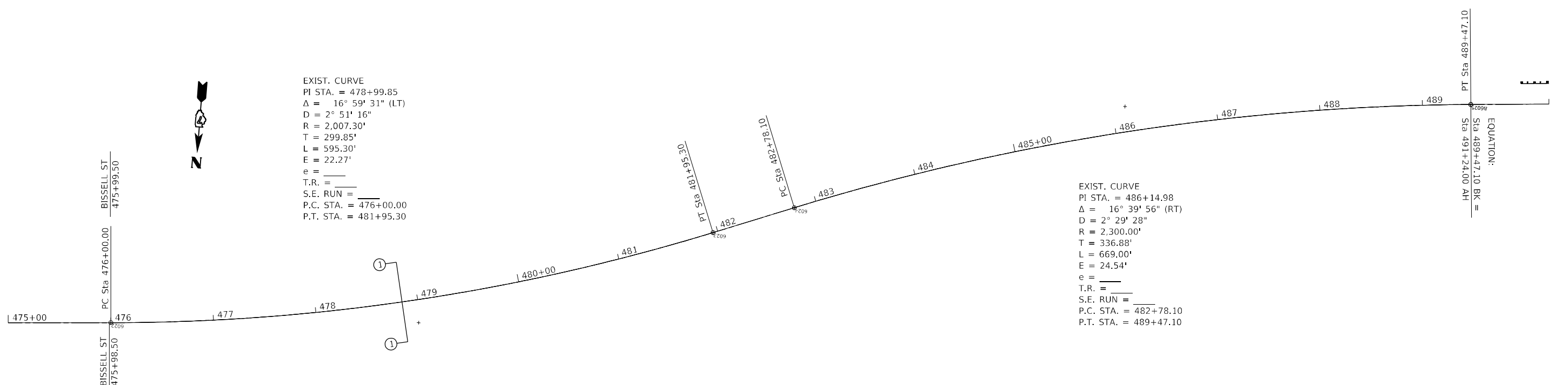
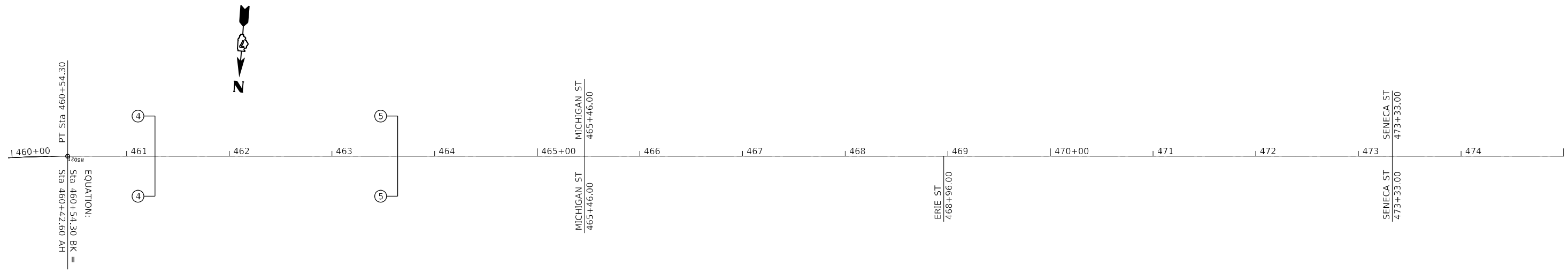
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PLOT DATE = 12/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: N/A SHEET 12 OF 19 SHEETS STA. 428+00.00 TO STA. 460+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	32
CONTRACT NO. 74960			ILLINOIS FED. AID PROJECT	



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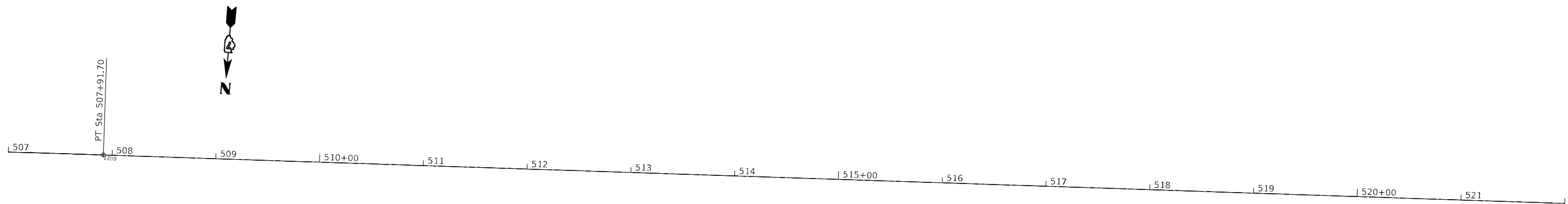
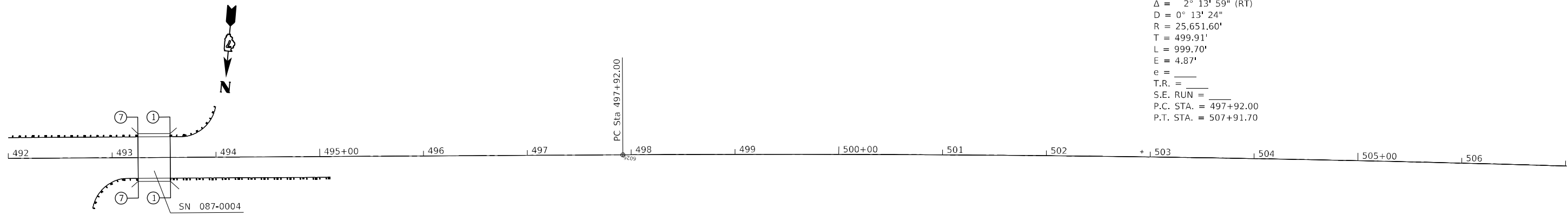
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PLOT DATE = 2/1/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE: N/A	SHEET 13 OF 19 SHEETS	STA. 460+00.00 TO STA. 492+00.00	

F.A.P. RTE. 325	SECTION 14RS-6 & 12RS-8	COUNTY SHELBY	TOTAL SHEETS 53	SHEET NO. 33
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE
 PI STA. = 502+91.91
 Δ = 2° 13' 59" (RT)
 D = 0° 13' 24"
 R = 25,651.60'
 T = 499.91'
 L = 999.70'
 E = 4.87'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 497+92.00
 P.T. STA. = 507+91.70



MODEL: Default
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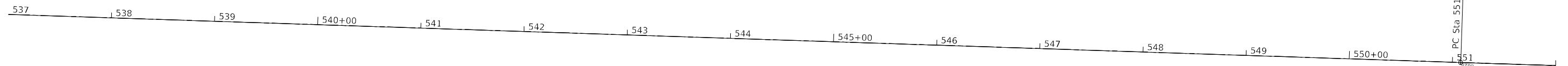
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PLOT DATE = 12/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: N/A SHEET 14 OF 19 SHEETS STA. 492+00.00 TO STA. 522+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	34
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74960	



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	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

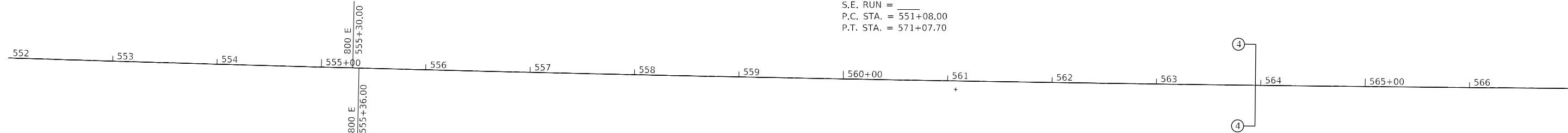
PLAN SHEET

SCALE: N/A SHEET 15 OF 19 SHEETS STA. 522+00.00 TO STA. 552+00.00

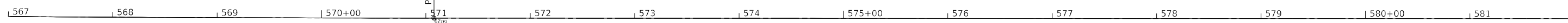
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	35
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74960	



EXIST. CURVE
 PI STA. = 561+07.94
 Δ = 1° 51' 59" (LT)
 D = 0° 05' 36"
 R = 61,387.30'
 T = 999.94'
 L = 1,999.70'
 E = 8.14'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 551+08.00
 P.T. STA. = 571+07.70



PT Sta 571+07.70



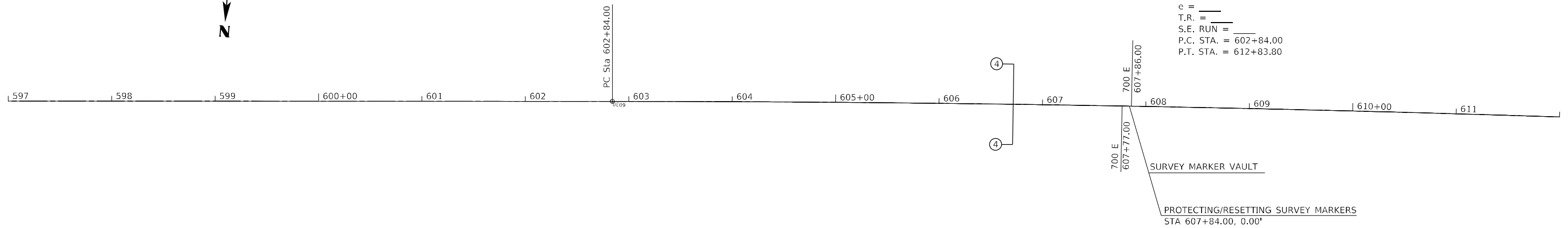
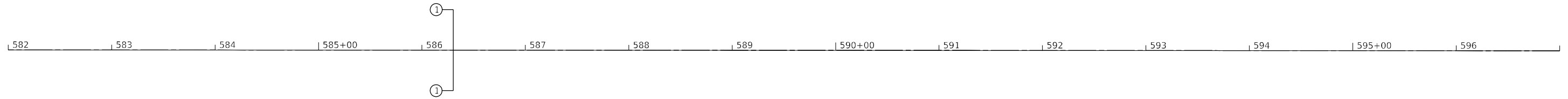
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PLOT DATE = 12/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE: N/A	SHEET 16	OF 19 SHEETS	STA. 552+00.00 TO STA. 582+00.00

F.A.P. RTE. 325	SECTION 14RS-6 & 12RS-8	COUNTY SHELBY	TOTAL SHEETS 54	SHEET NO. 36
ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 74960				



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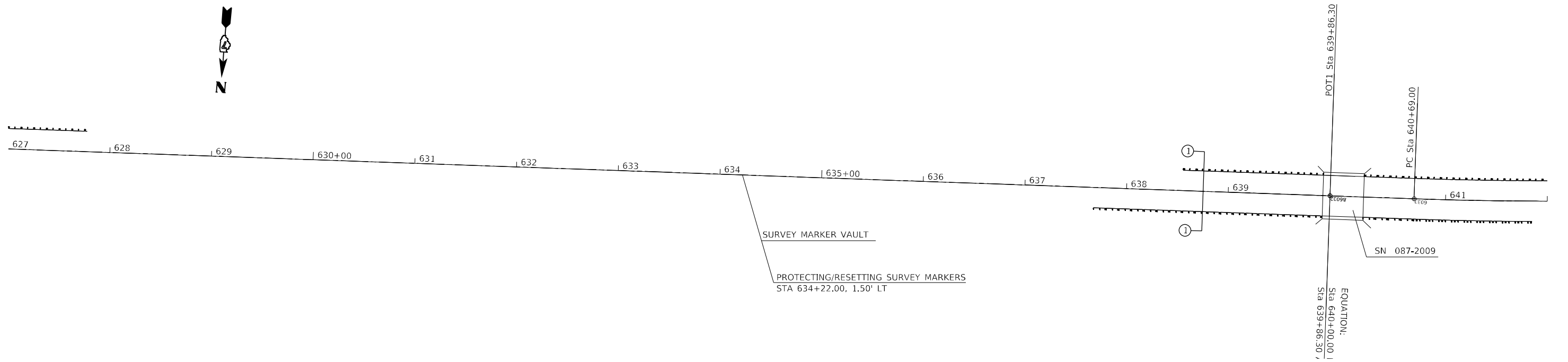
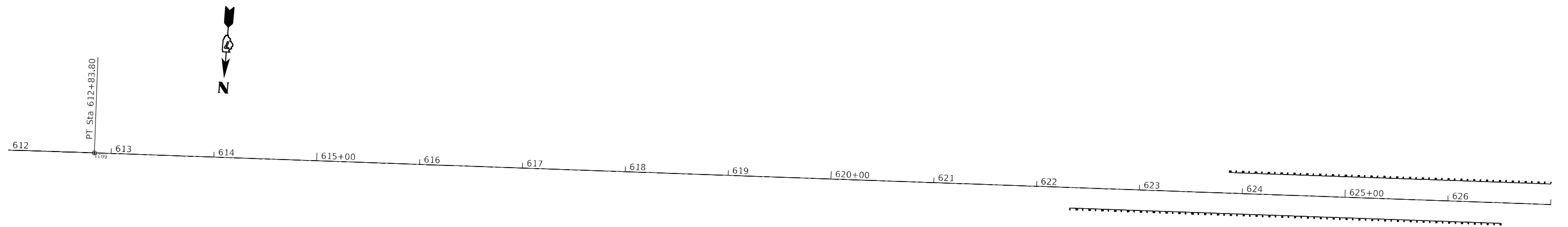
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PLOT DATE = 2/1/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: N/A SHEET 17 OF 19 SHEETS STA. 582+00.00 TO STA. 612+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	37
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74960	



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PLOT DATE = 12/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

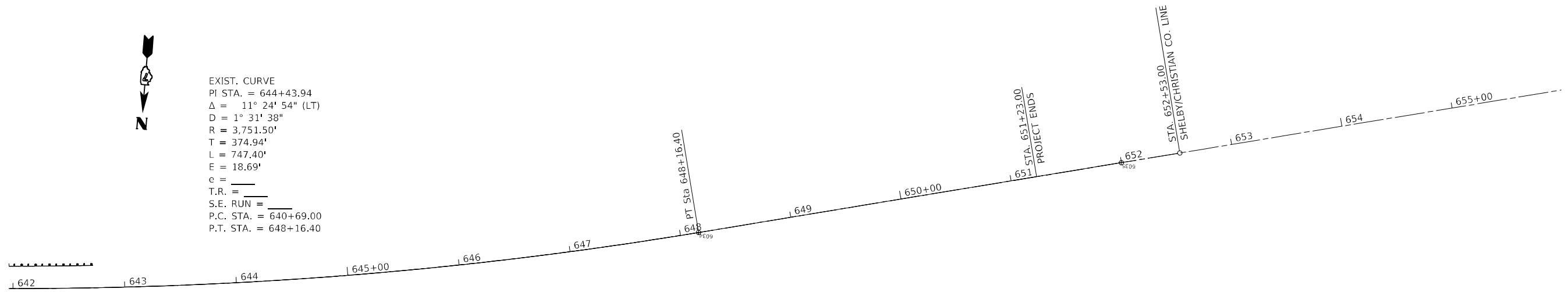
PLAN SHEET

SCALE: N/A SHEET 18 OF 19 SHEETS STA. 612+00.00 TO STA. 642+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	38
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74960	



EXIST. CURVE
 PI STA. = 644+43.94
 $\Delta = 11^\circ 24' 54''$ (LT)
 $D = 1^\circ 31' 38''$
 $R = 3,751.50'$
 $T = 374.94'$
 $L = 747.40'$
 $E = 18.69'$
 $e = \underline{\hspace{1cm}}$
 $T.R. = \underline{\hspace{1cm}}$
 S.E. RUN =
 P.C. STA. = 640+69.00
 P.T. STA. = 648+16.40



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

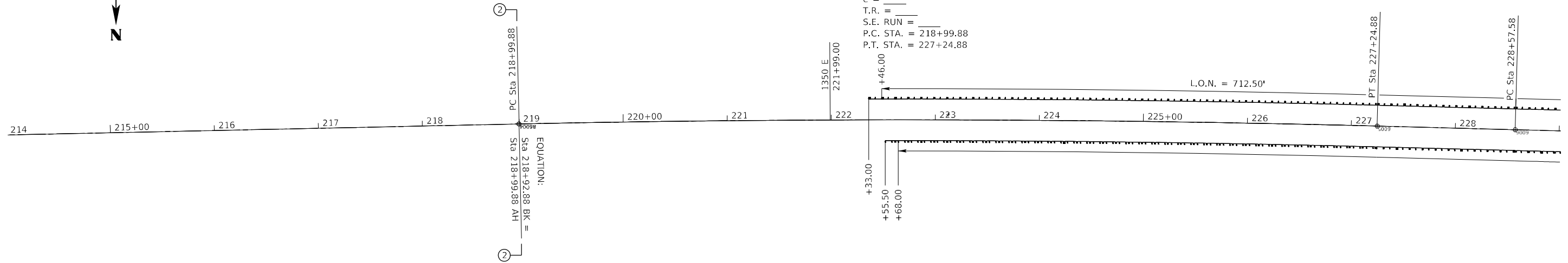
PLAN SHEET

SCALE: N/A SHEET 19 OF 19 SHEETS STA. 642+00.00 TO STA. 656+00.00

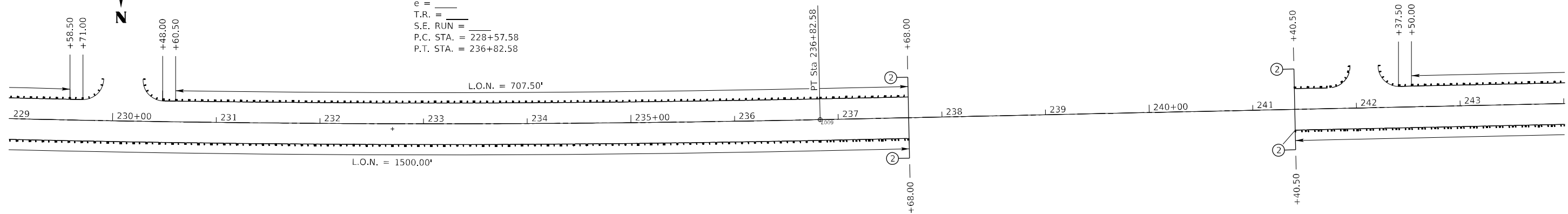
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	39
CONTRACT NO. 74960			ILLINOIS FED. AID PROJECT	



EXIST. CURVE
 PI STA. = 223+12.46
 $\Delta = 2^\circ 45' 00''$ (RT)
 $D = 0^\circ 20' 00''$
 $R = 17,188.73'$
 $T = 412.58'$
 $L = 825.00'$
 $E = 4.95'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 218+99.88
 P.T. STA. = 227+24.88



EXIST. CURVE
 PI STA. = 232+70.16
 $\Delta = 2^\circ 45' 00''$ (LT)
 $D = 0^\circ 20' 00''$
 $R = 17,188.73'$
 $T = 412.58'$
 $L = 825.00'$
 $E = 4.95'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 228+57.58
 P.T. STA. = 236+82.58



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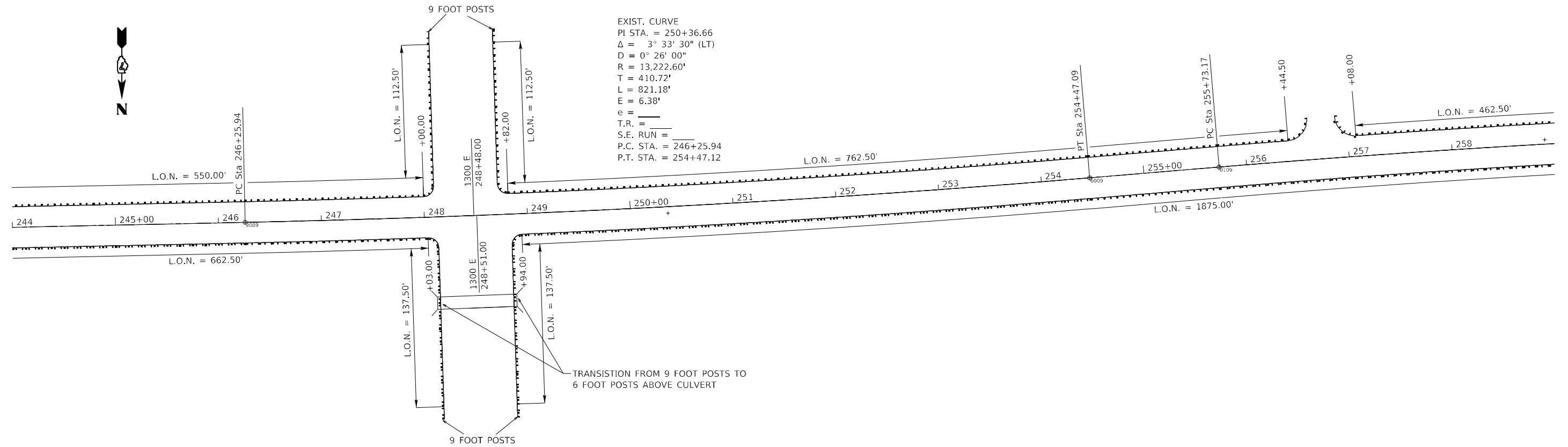
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

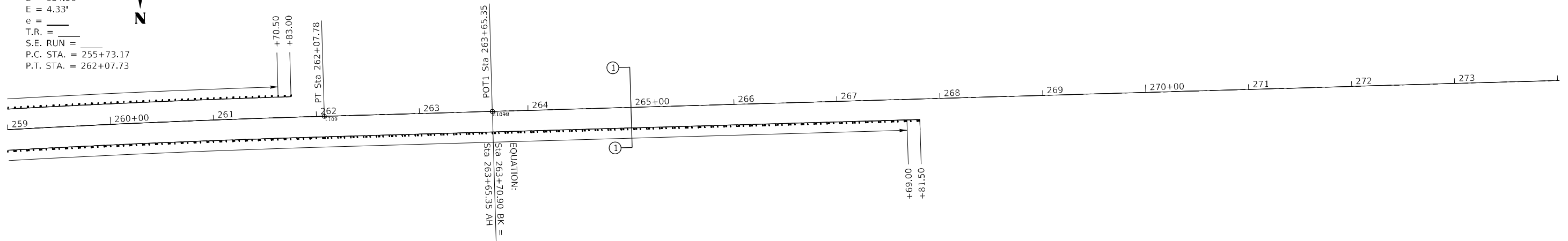
GUARDRAIL PLAN SHEETS

SCALE: N/A SHEET 1 OF 5 SHEETS STA. 214+00.00 TO STA. 244+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	40
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE
 PI STA. = 258+90.53
 $\Delta = 3^\circ 07' 30''$ (RT)
 $D = 0^\circ 29' 33''$
 $R = 11,634.52'$
 $T = 317.36'$
 $L = 634.56'$
 $E = 4.33'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 255+73.17
 P.T. STA. = 262+07.73



MODEL: Default
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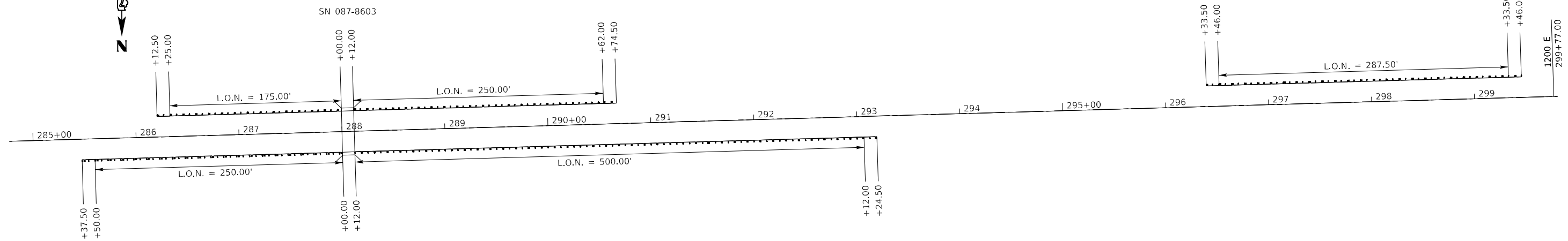
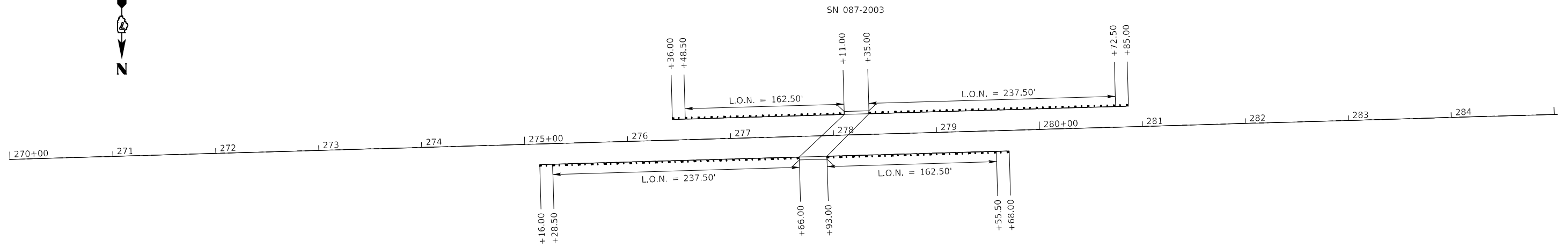
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PLOT DATE = 2/1/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GUARDRAIL PLAN SHEETS

SCALE: N/A SHEET 2 OF 5 SHEETS STA. 244+00.00 TO STA. 274+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	41
				CONTRACT NO. 74960
		ILLINOIS	FED. AID PROJECT	



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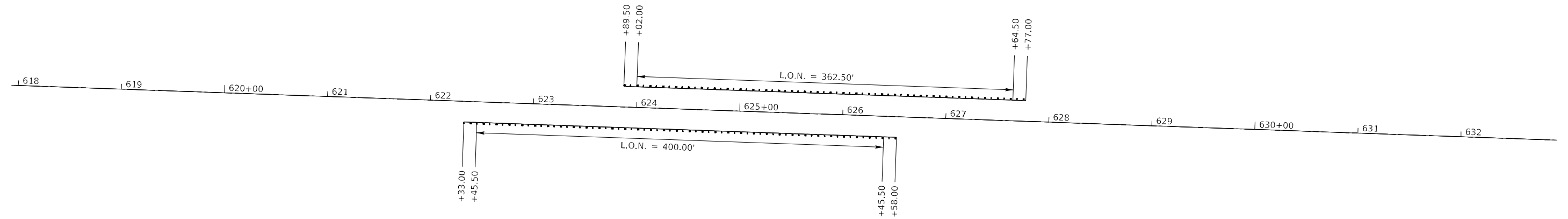
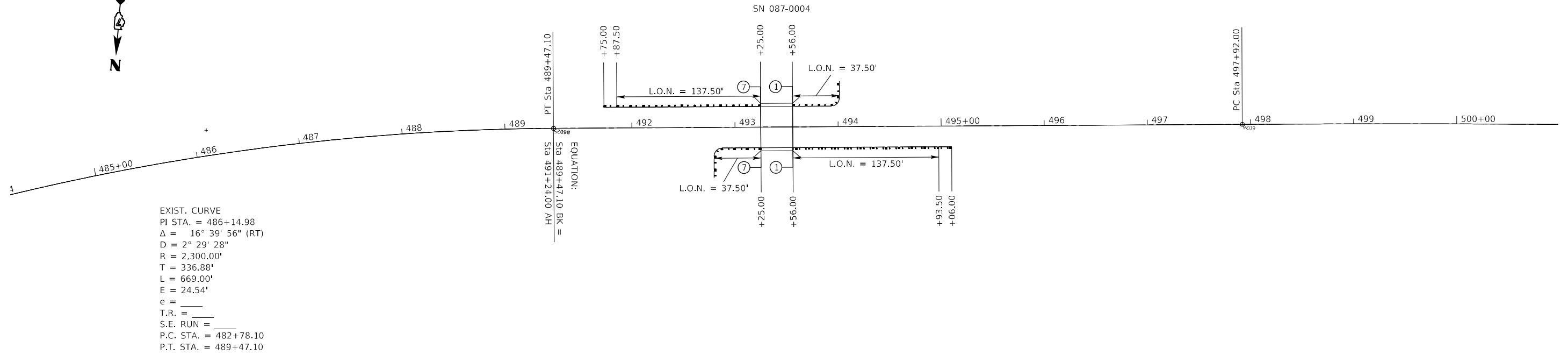
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PLOT DATE = 2/1/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL PLAN SHEETS

SCALE: N/A SHEET 3 OF 5 SHEETS STA. 270+00.00 TO STA. 300+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	42
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				



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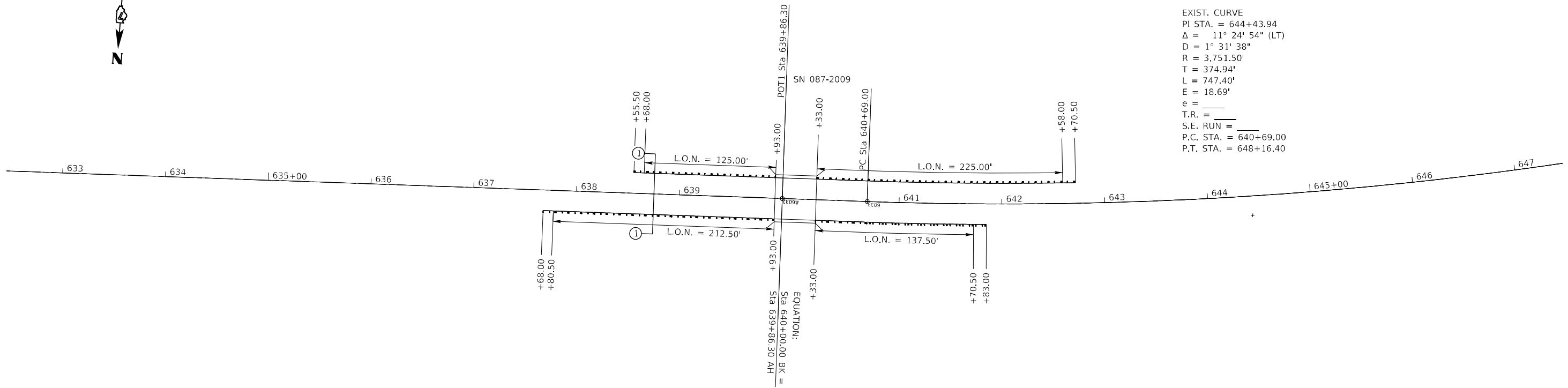
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PLOT DATE = 2/1/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GUARDRAIL PLAN SHEETS

SCALE: N/A SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	43
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 12/28/2021	DATE -	REVISED -

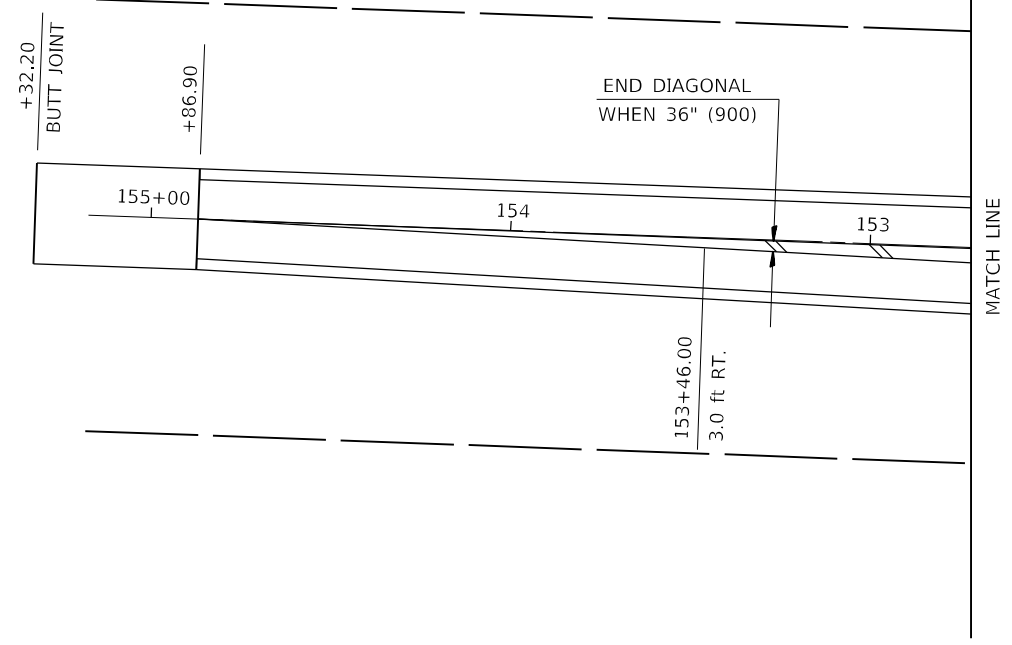
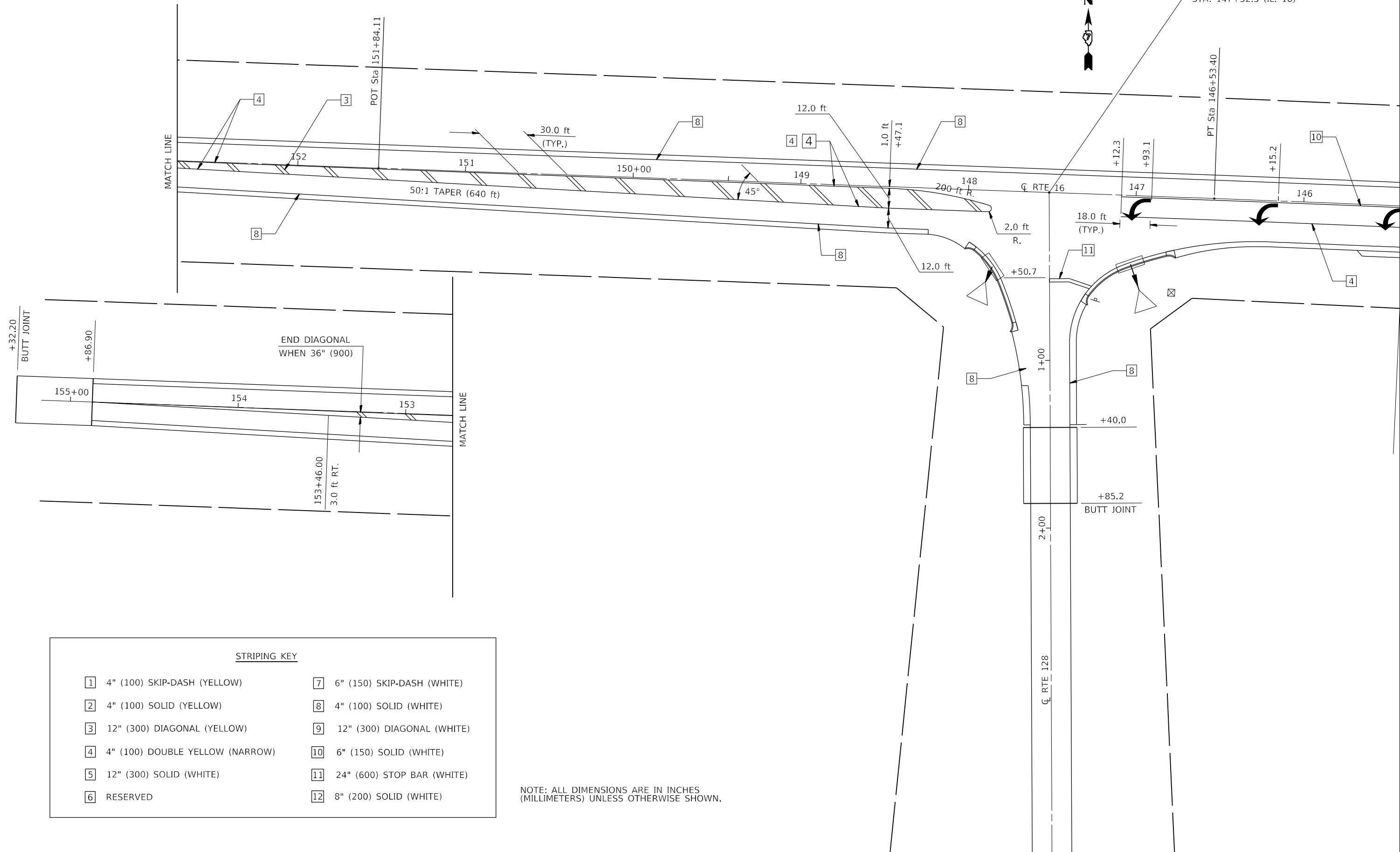
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL PLAN SHEETS

SCALE: N/A SHEET 5 OF 5 SHEETS STA. 634+00.00 TO STA. 647+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	44
CONTRACT NO. 74960				
ILLINOIS		FED. AID PROJECT		

STA. 0+00.00 (IL. 128) =
STA. 147+52.5 (IL. 16)



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

NOTE: ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

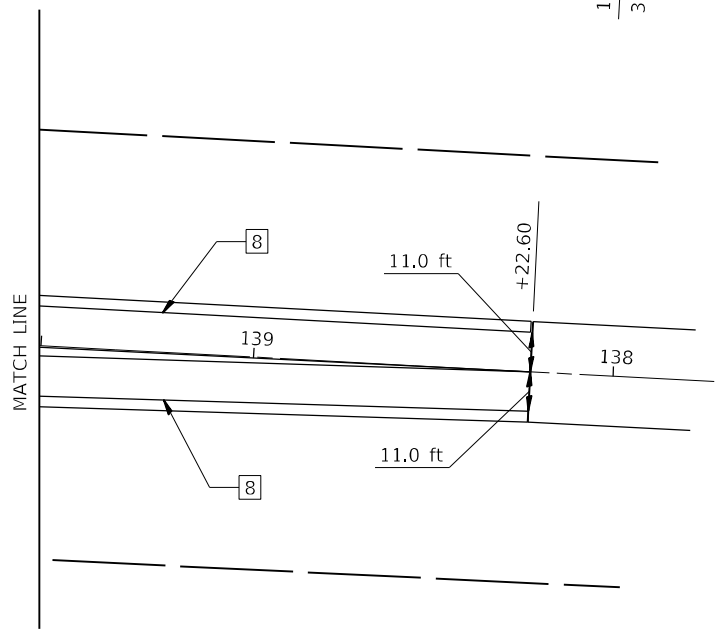
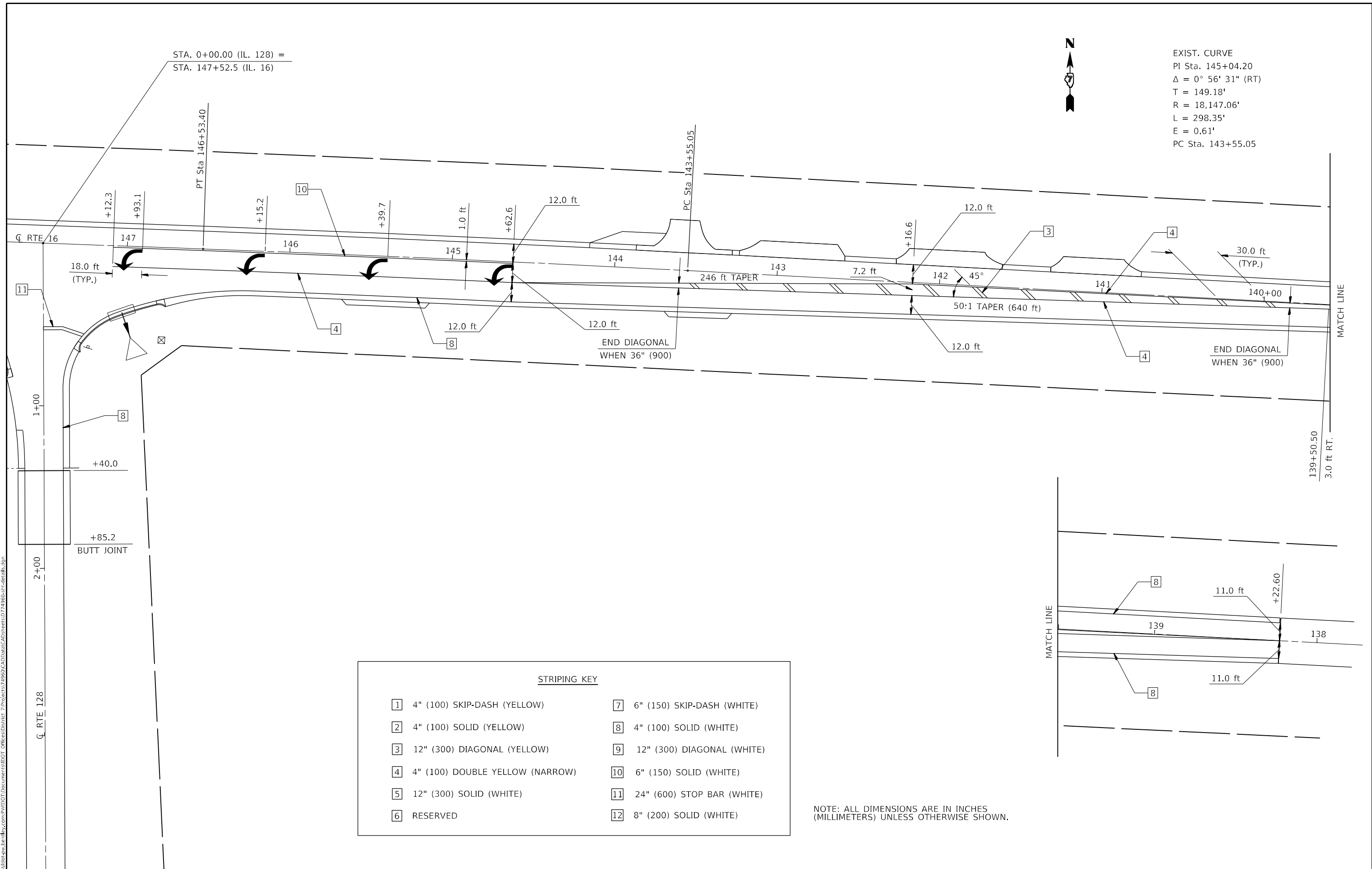
PAVEMENT MARKING DETAILS

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

F.A.P. RTE. 325	SECTION 14RS-6 & 12RS-8	COUNTY SHELBY	TOTAL SHEETS 53	SHEET NO. 45
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE
 PI Sta. 145+04.20
 $\Delta = 0^\circ 56' 31"$ (RT)
 T = 149.18'
 R = 18,147.06'
 L = 298.35'
 E = 0.61'
 PC Sta. 143+55.05



STRIPING KEY	
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)

NOTE: ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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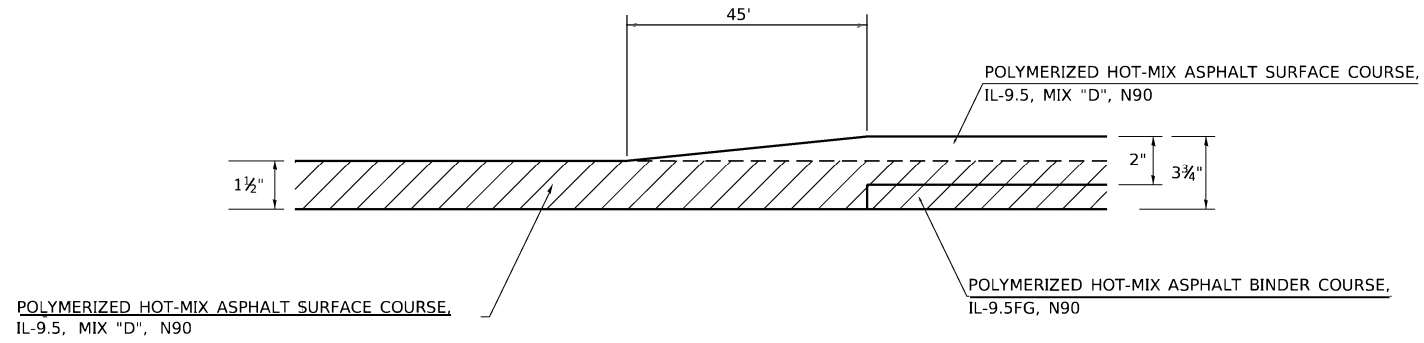
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PLOT DATE = 2/1/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS

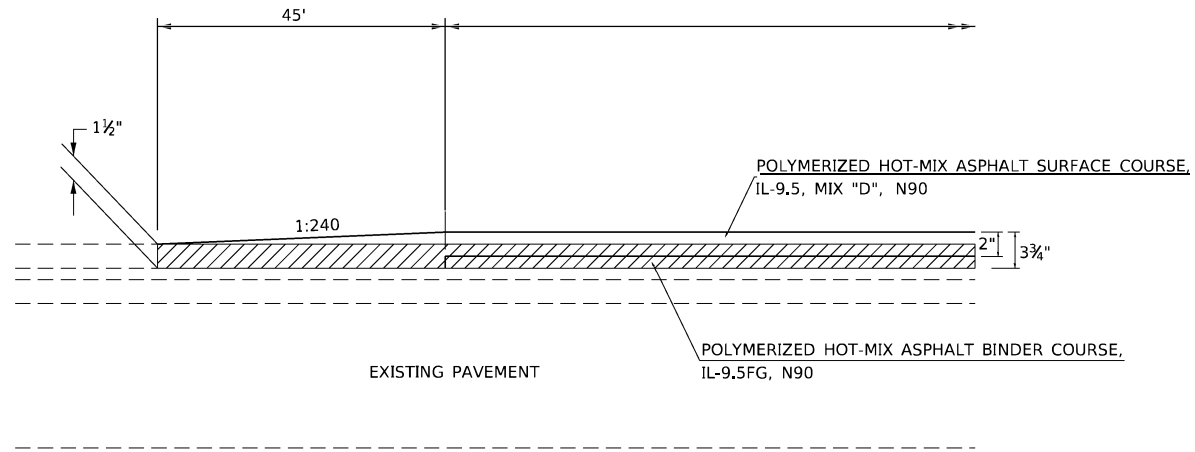
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	53	46
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				



PAVING TRANSITION DETAIL

STA. 492+80.00 TO STA. 493+25.00
 STA. 493+56.00 TO STA. 494+01.00



BUTT JOINT DETAIL

STA. 98+72.00 TO STA. 99+17.00
 STA. 237+23.00 TO STA. 237+68.00
 STA. 241+40.50 TO STA. 241+85.50
 STA. 639+48.00 TO STA. 639+93.00
 STA. 640+33.00 TO STA. 640+78.00
 STA. 650+78.00 TO STA. 651+23.00

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

REV. - MS

NOTE: NOT TO SCALE

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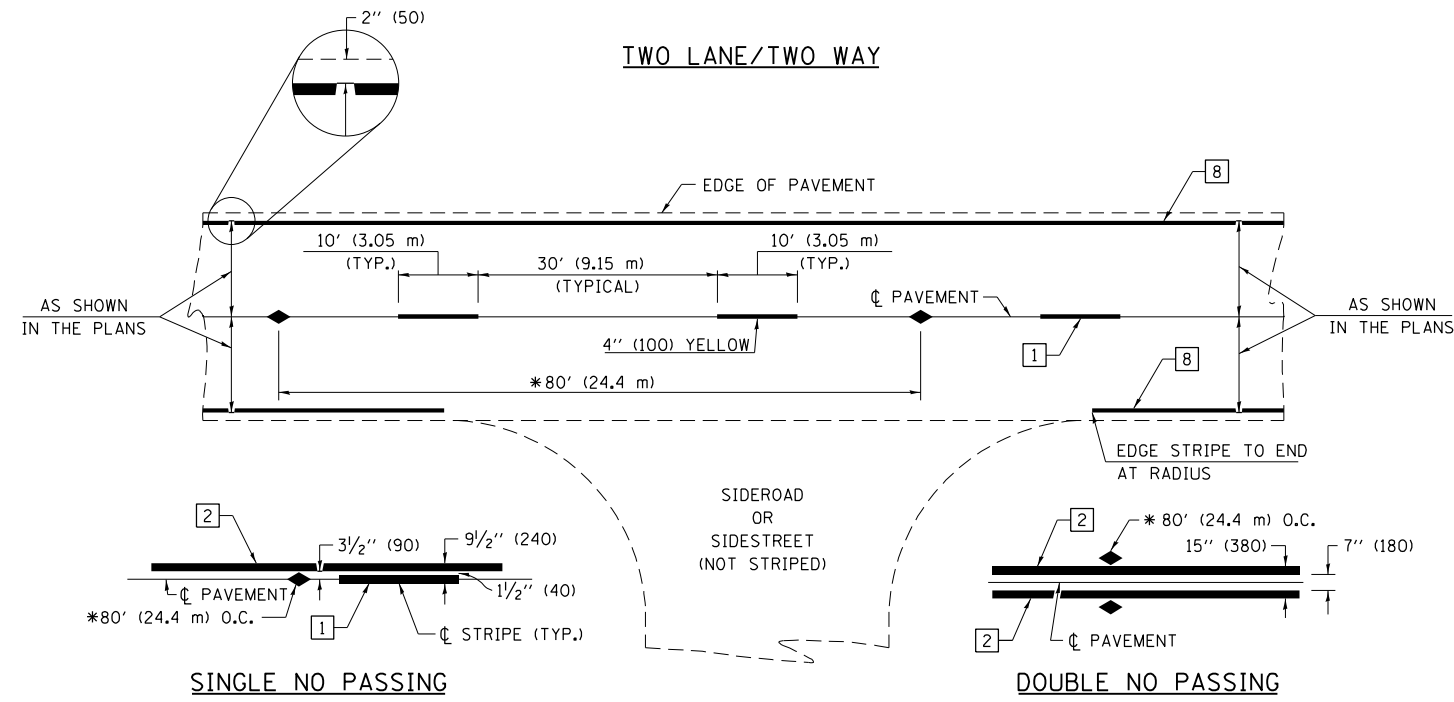
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	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/28/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVING DETAILS

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

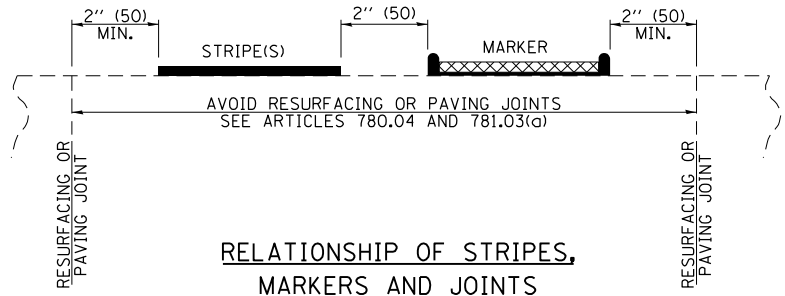
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	47
CONTRACT NO. 74960			ILLINOIS FED. AID PROJECT	



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

PAVEMENT MARKING LEGEND

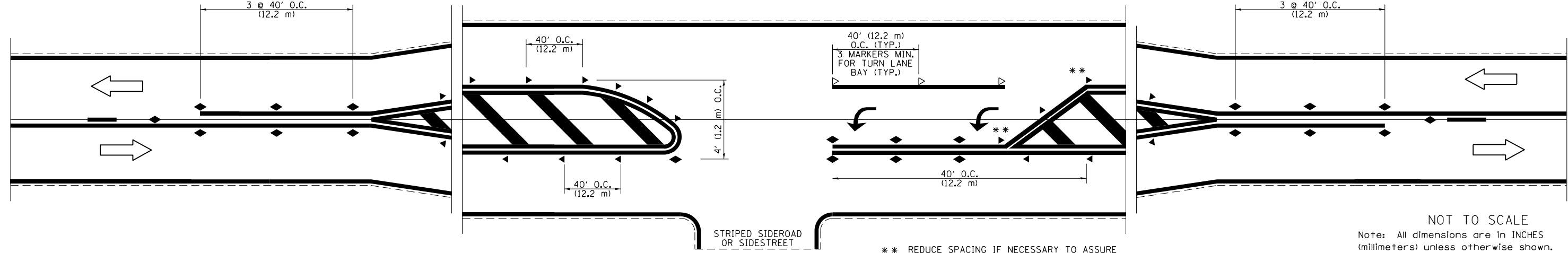
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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



TYPICAL PAVEMENT MARKERS LEGEND

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

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

USER NAME = stefnkmk	DESIGNED -	REVISED -
DRAWN -	REVISOR -	REVISION -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISOR -
PLOT DATE = 12/28/2021	DATE -	REVISION -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

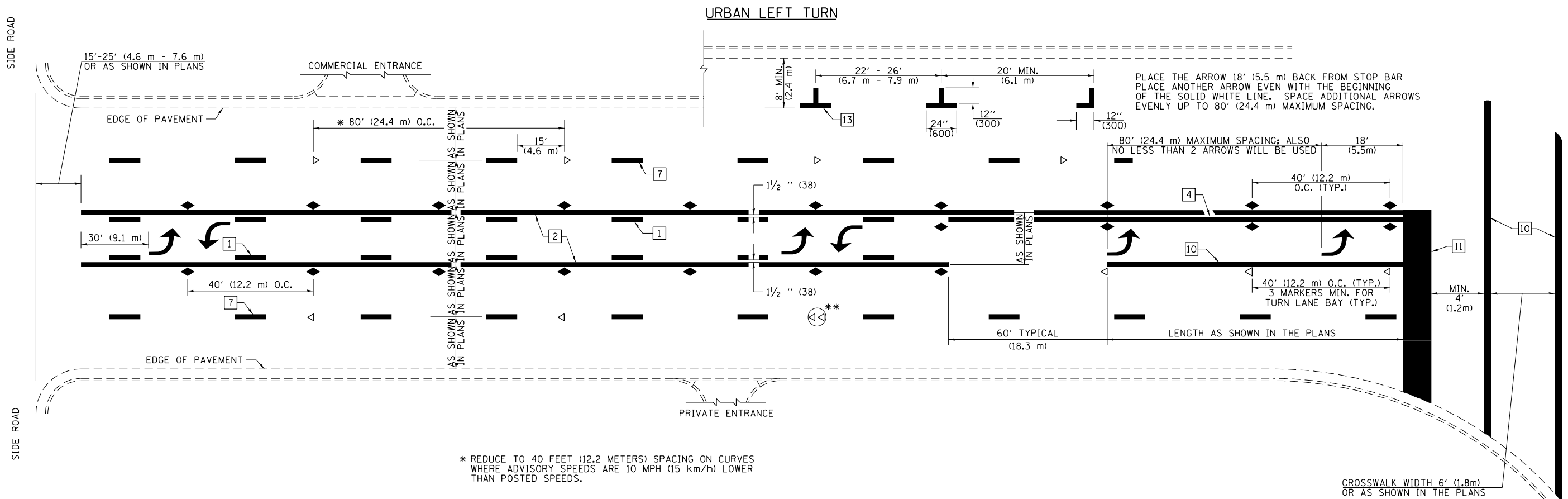
PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	49
CONTRACT NO. 74960				

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

ILLINOIS FED. AID PROJECT

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

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

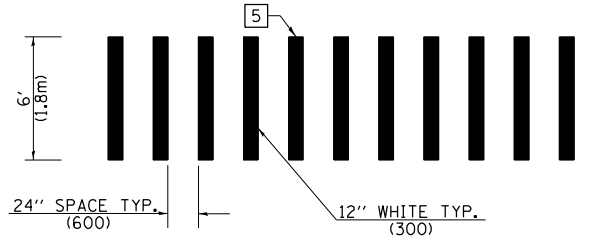
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED
 AND SPACED AS SHOWN IN HIGHWAY STANDARD
 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED
 HIGHWAYS.

PAVEMENT MARKING LEGEND

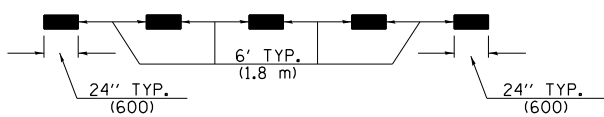
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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

GENERAL NOTES

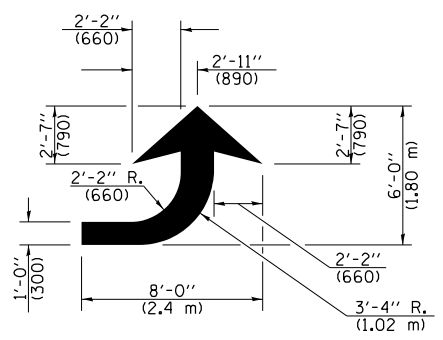
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.
6. ALL WHITE SKIP-DASH LINES SHALL BE 6" IN WIDTH.



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

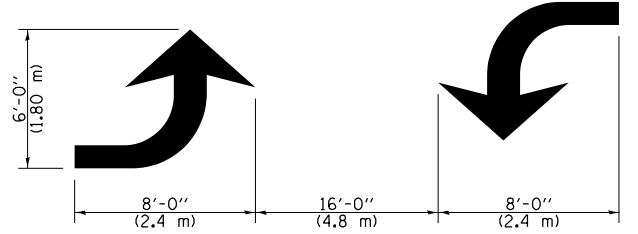


LANE LINE EXTENSIONS



LEFT ARROW

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



**TYPICAL DOUBLE
 TURN ARROWS (WHITE)**

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

USER NAME = stefenmk	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 */ in.	DRAWN -	REVISED -
PLOT DATE = 12/28/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

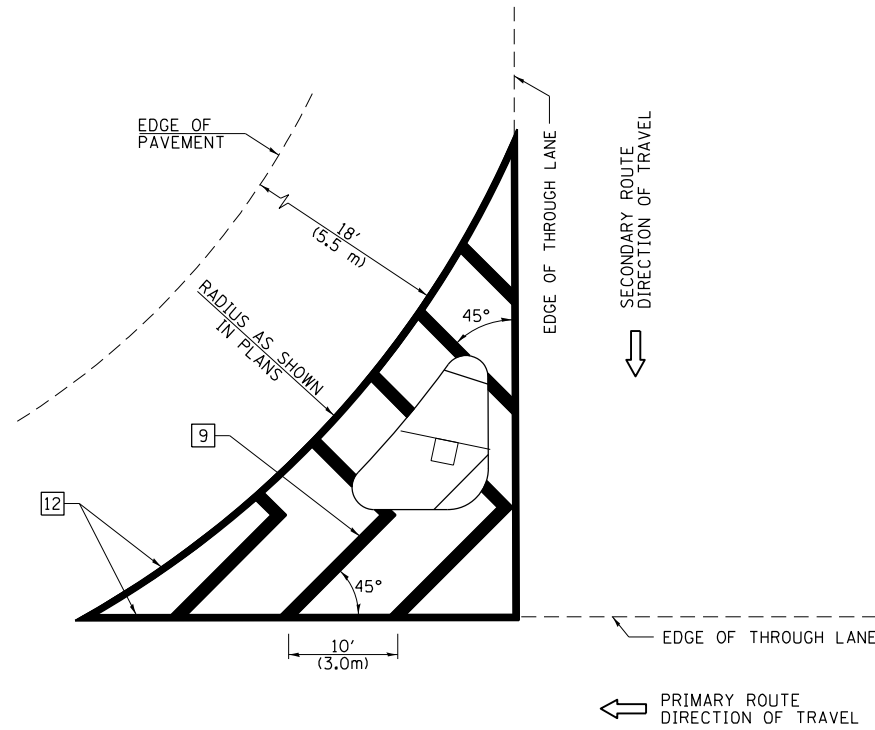
**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
 (RURAL & URBAN APPLICATIONS)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	50
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				

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

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ISLAND

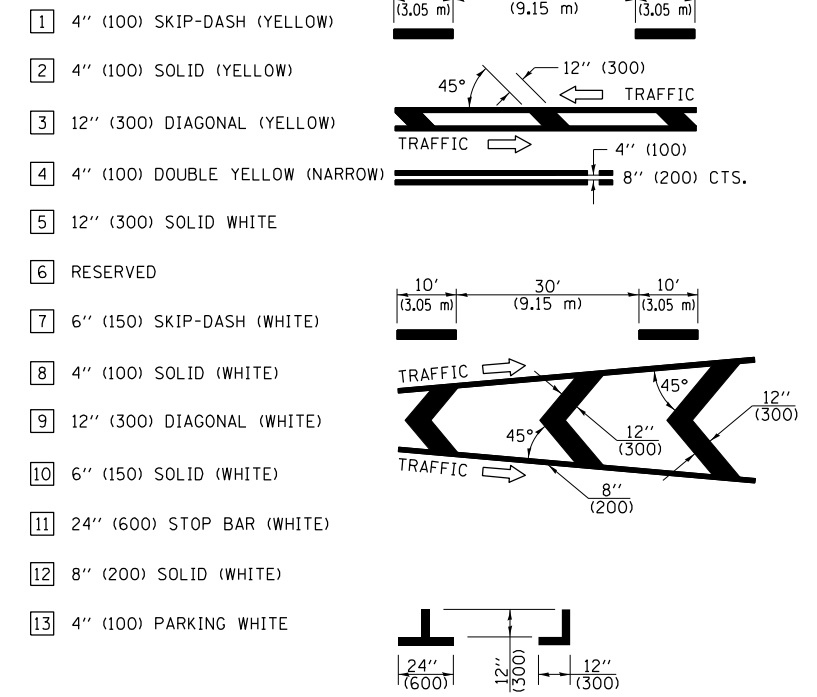


GENERAL NOTES

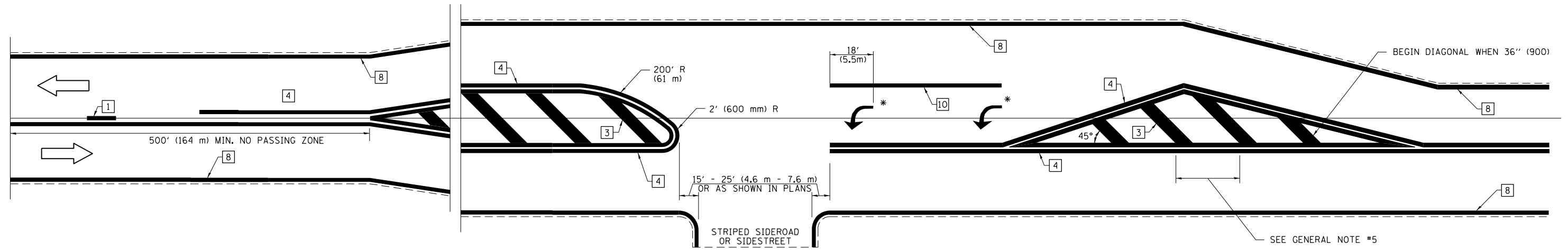
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING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

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

PAVEMENT MARKING LEGEND



RURAL LEFT TURN STRIPING



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

SEE GENERAL NOTE #5

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.	DRAWN -	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

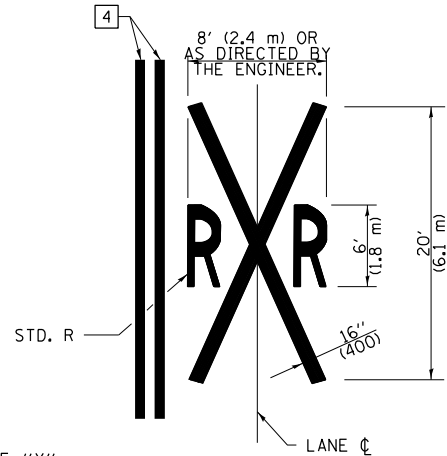
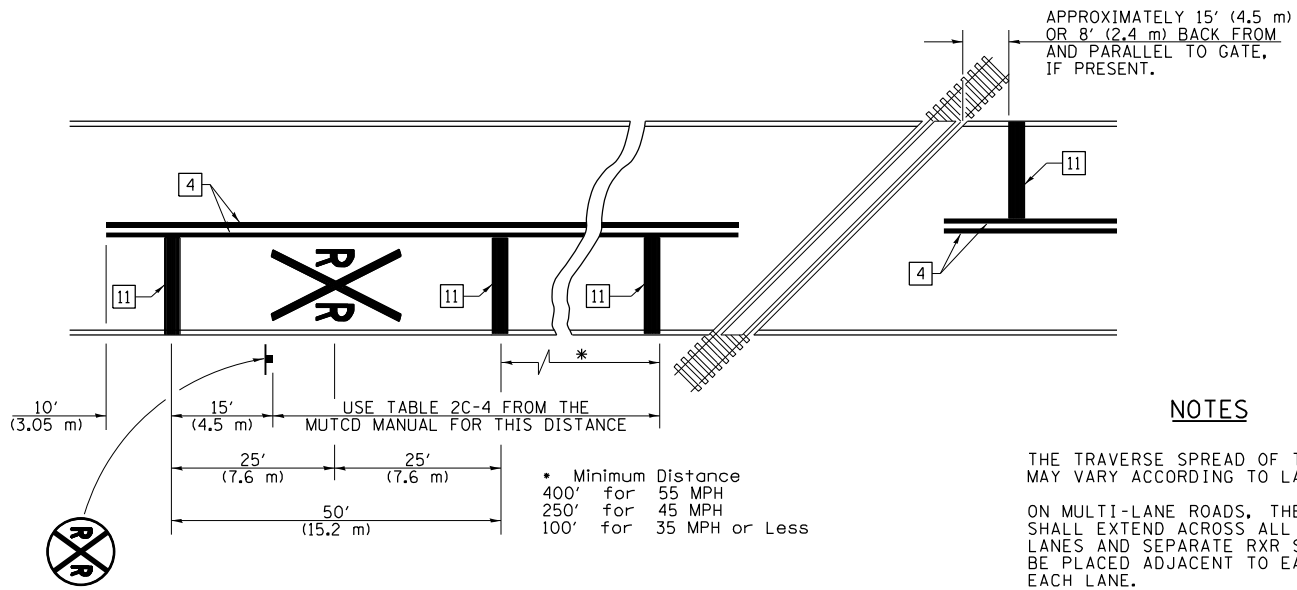
**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	51
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				

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PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

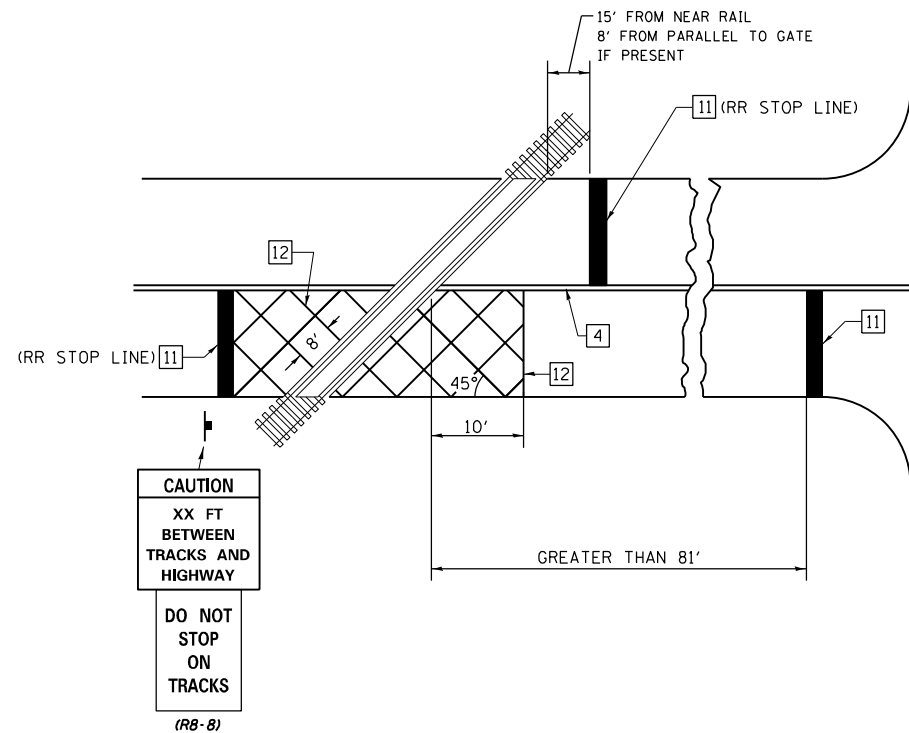
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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

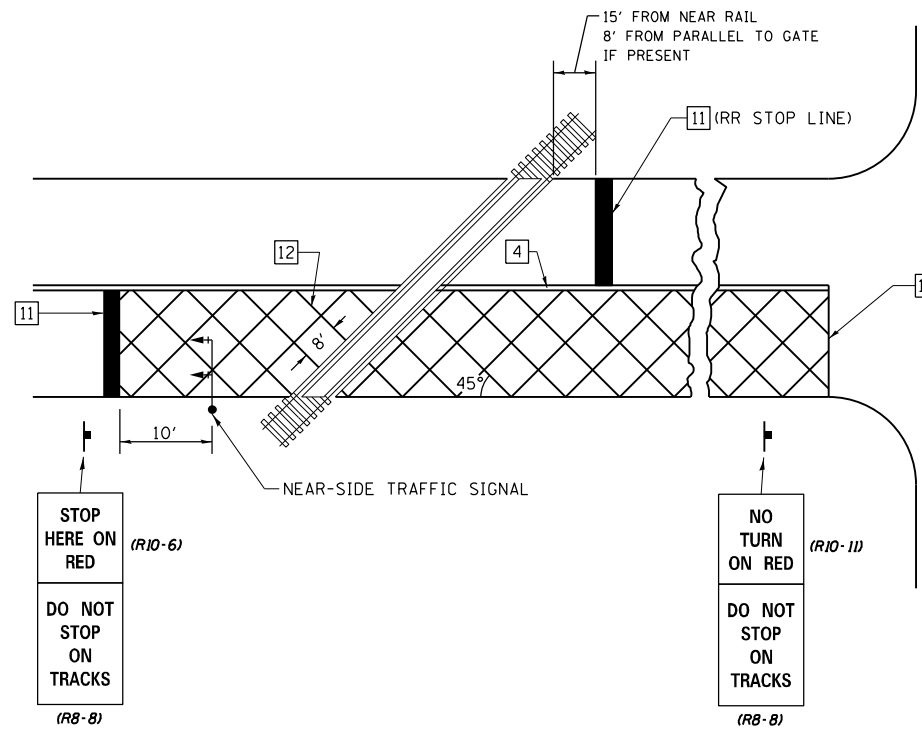
PAVEMENT MARKING LEGEND

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

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

GENERAL NOTES

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

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

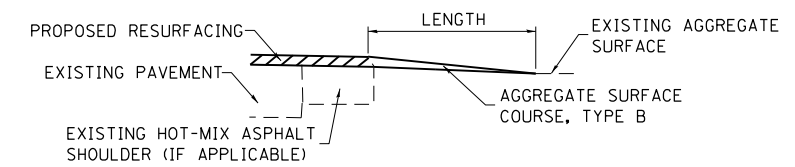
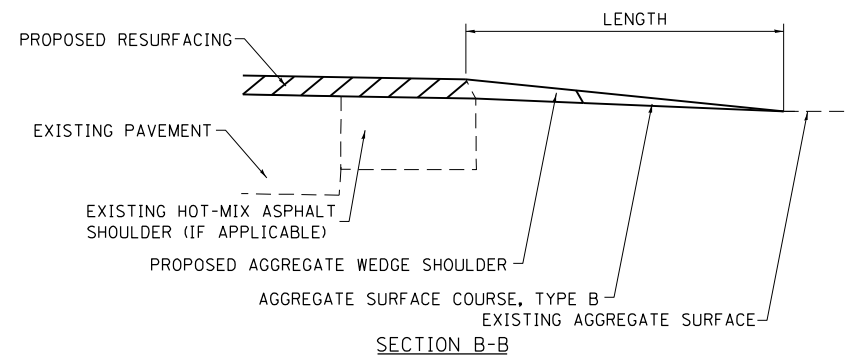
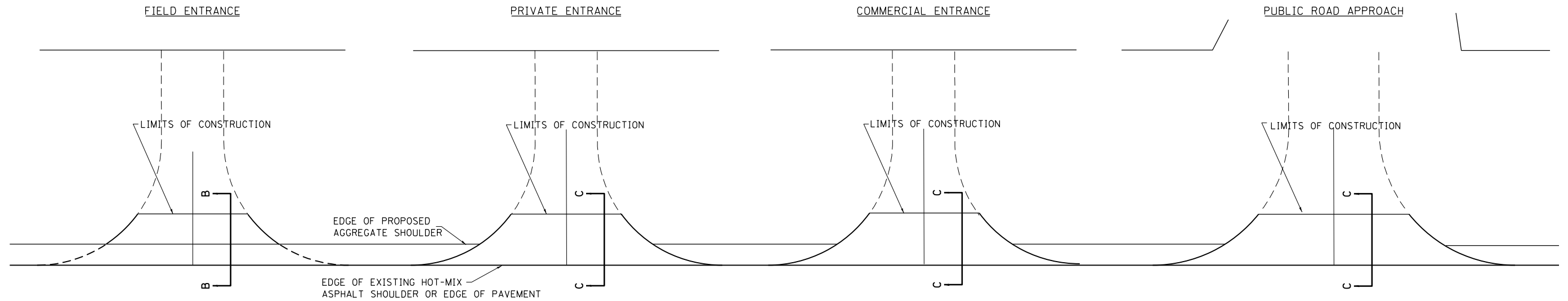
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

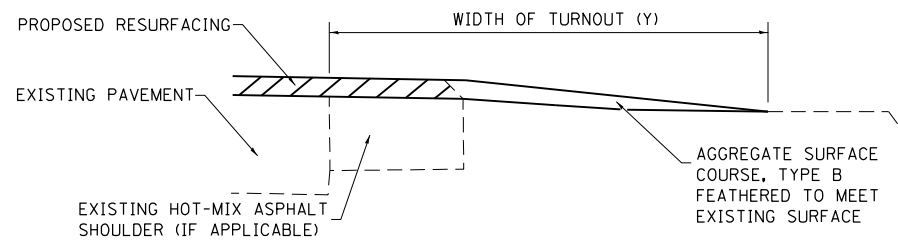
PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	52
			CONTRACT NO. 74960	
ILLINOIS FED. AID PROJECT				

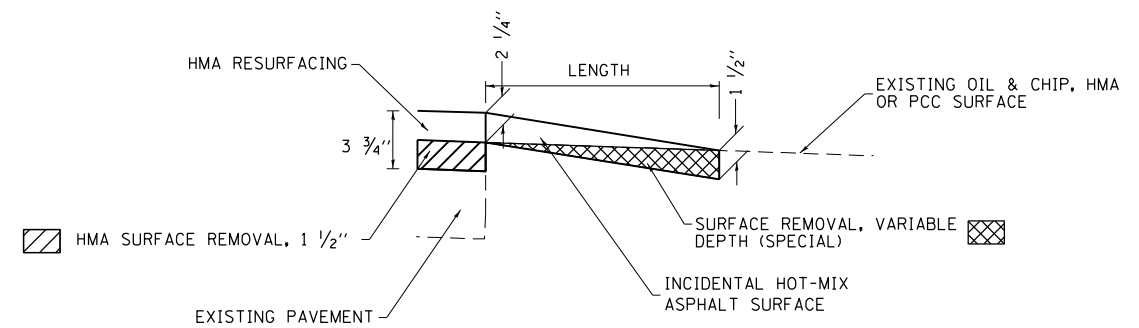


SECTION C-C



TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS



SECTION C-C

NOTES

LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS

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

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 PROJECT: 174960 | Documents | DOT Office | Director | 7 | Project | 174960 | CAD | Sheets | 0774960-sh-1-draw.dwg

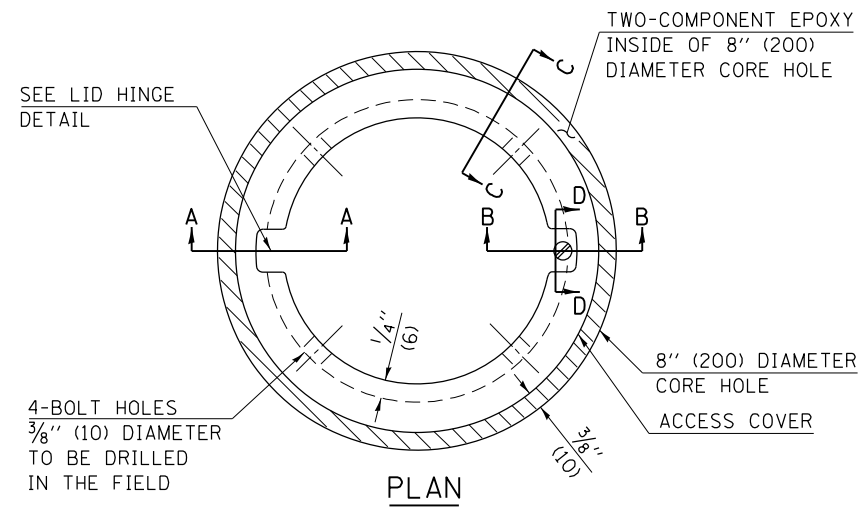
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	DRAWN -	REVISED -
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PLOT DATE = 12/28/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCE AND MAILBOX TURNOUT DETAILS
WITH SHOULDERS

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

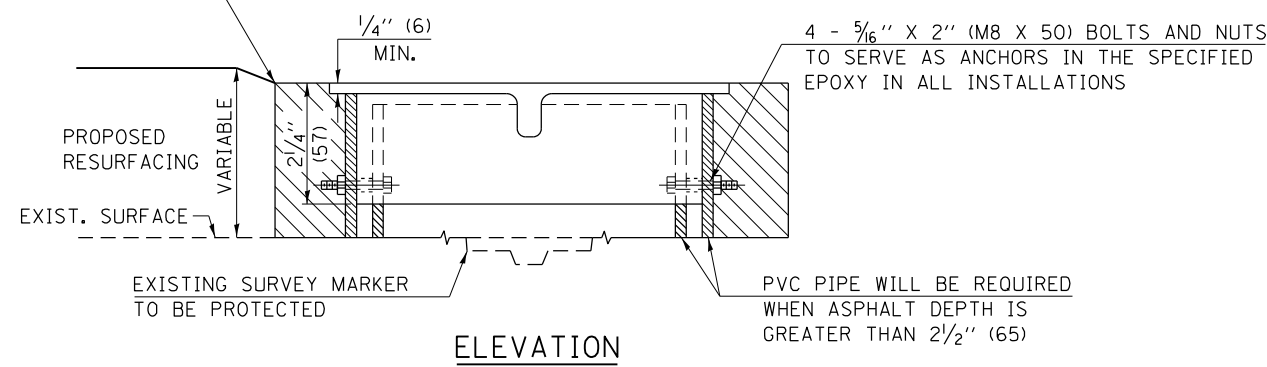
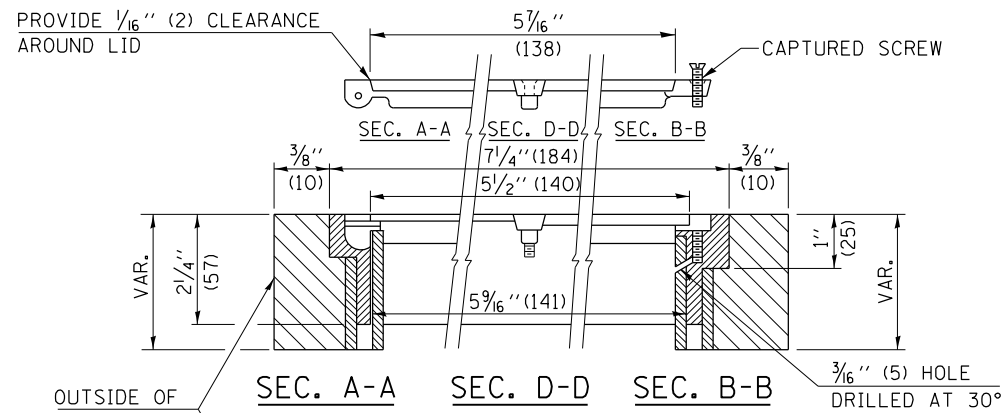
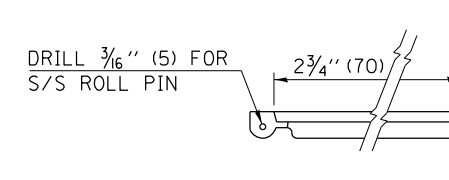
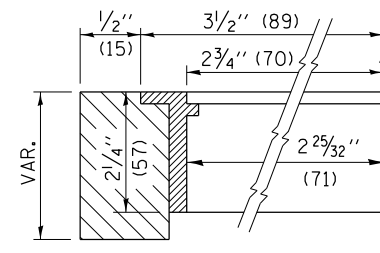
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	53
CONTRACT NO. 74960				
ILLINOIS FED. AID PROJECT				



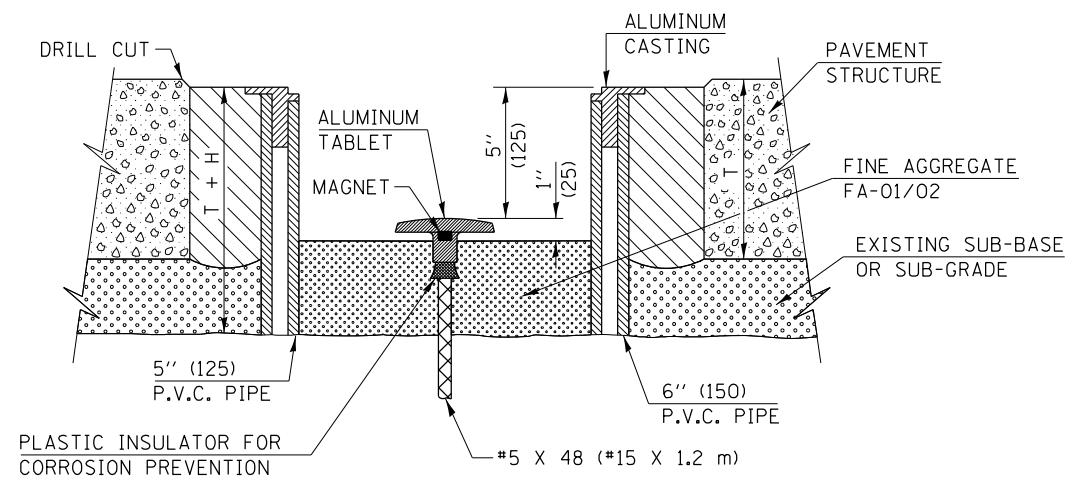
LEGEND

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY
- T = THICKNESS OF PAVEMENT STRUCTURE
- H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)

BILL OF MATERIAL	
ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS,	
4 EACH - 5/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY,	
5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).	



EXISTING SURVEY MARKER



PROPOSED SURVEY MARKER

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

DISTRICT 7 DETAIL NO. Z0070202

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED - MAD 6-11
pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 7\Projects\74960\CADD\Drawings\Drawings\74960-shd-details.dgn		CHECKED -	REVISED -
PLOT SCALE = 40.0000' / in.		DATE -	REVISED -
PLOT DATE = 12/28/2021			

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SURVEY MARKER VAULT

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	14RS-6 & 12RS-8	SHELBY	54	54
CONTRACT NO. 74960				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				