

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED
HIGHWAY PLANS

FAP ROUTE 693 (IL 9)
SECTION 118-SR
PROJECT HSIP-DPVW(073)
SHOULDER IMPROVEMENTS
TAZEWELL COUNTY

C-94-014-24

DISTRICT STANDARDS

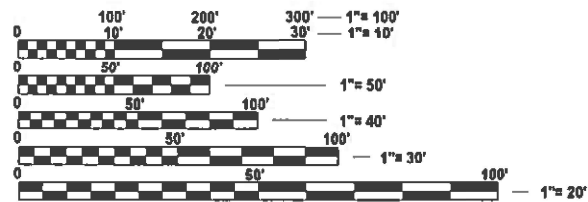
780001-D4 TYPICAL PAVEMENT MARKINGS

HIGHWAY STANDARDS

- 000001-08
- 001006
- 642006-01
- 701006-05
- 701011-04
- 701306-04
- 701311-03
- 701326-04
- 701901-09
- 780001-05

DESIGN DESIGNATION FAP 693 (IL 9):

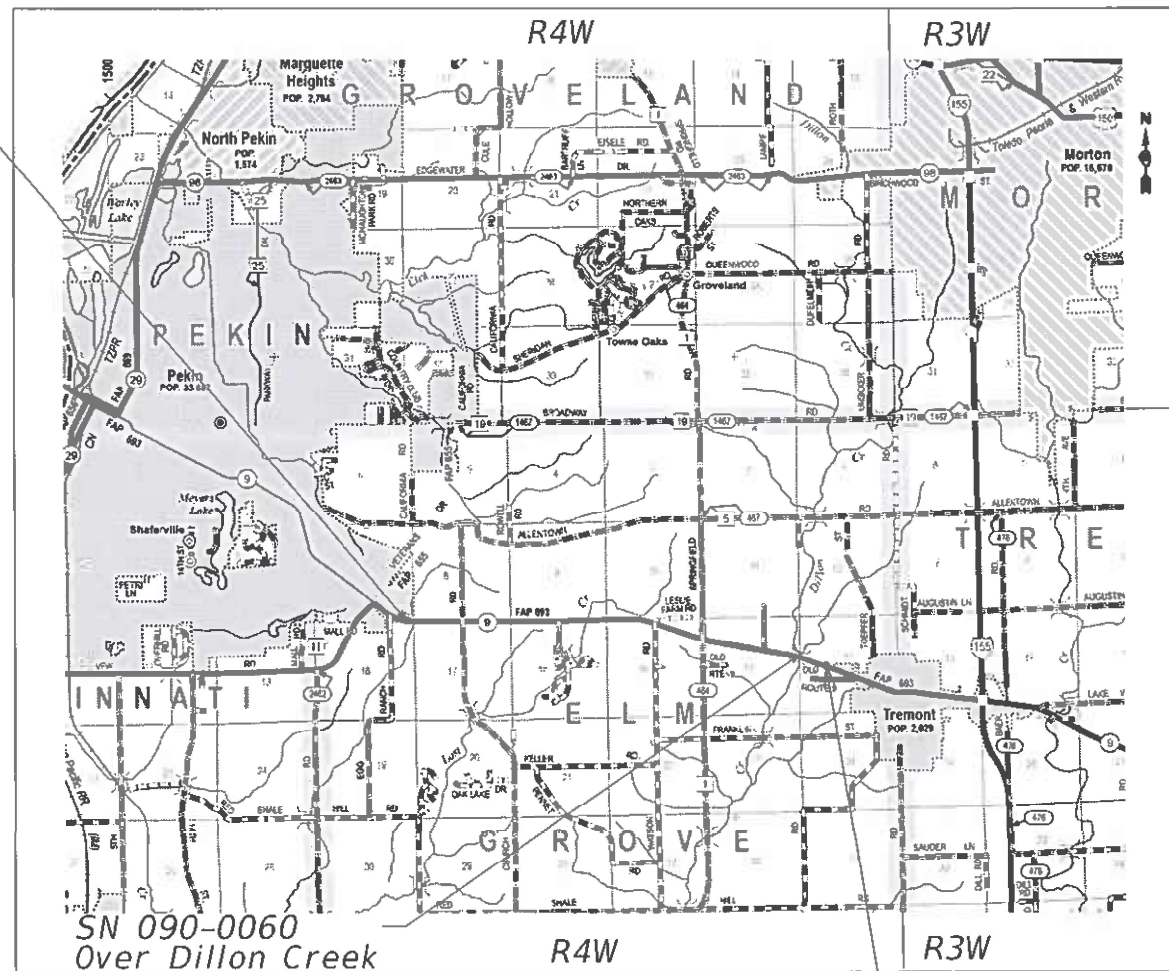
OTHER PRINCIPAL ARTERIAL
ADT = 7200 (2021)
MU = 6.64% (2021)
SU = 5.21% (2021)



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 EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: ROBERT JULICH 309-671-3457
PROJECT MANAGER: NEIL SLOWINSKI 309-671-3456
CATALOG NO. 036461-00D
CONTRACT NO. 68H95



GROSS LENGTH = 22097 FT. = 4.185 MILES
NET LENGTH = 22097 FT. = 4.185 MILES

PROJECT ENDS
STA. 367+88

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	1
		ILLINOIS	CONTRACT NO. 68H95	

D-94-014-24



LOCATION OF SECTION INDICATED THUS: -

SCOPE OF WORK:
HMA SHOULDER IMPROVEMENT,
RUMBLE STRIPS, PAVEMENT MARKING,
AND OTHER COLLATORAL WORK
FROM 0.4 MILES EAST OF VETERAN'S DR
IN PEKIN TO 0.4 MILES WEST OF OLD IL 9

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 19 2024
Robert Julich
REGIONAL ENGINEER

May 10, 2024 John A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

May 10, 2024 Stephen M. Spina
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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6	LINE DIAGRAM
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20-27	PROPOSED PLANS
28-35	PROPOSED PAVEMENT MARKING
36-37	DISTRICT STANDARD 780001-D4

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Polymer Shoulder (Surface Lift) 1.5"	HMA Shoulders (Binder Lift) 2"	HMA Shoulders (Lower Lifts) 4.5"
AC/PC:	SBS or SBR 70-28	PG 58-28	PG 58-28
4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Gradation Mixture):	IL 9.5	IL 9.5	IL 19.0
Friction Aggregate:	Mix D	N.A.	N.A.
Quality Management Program:	QCQA	QCQA	QCQA

Notes:

- 1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size, unless otherwise approved by the Engineer.
- 2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb./s.y./in., unless otherwise noted.
- 3) Sublot sizes for PFP and QCP mixes will be 600 tons, unless otherwise agreed to by the Engineer and the paving contractor.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

The required environmental resource documentation shall include the following:

- * BDE Form 2289 (Borrow Site Review)
- * BDE Form 2290 (Waste/Use Area Review)
- * A location map showing the size limits and location of the use area
- * Color photographs depicting the use area
- * Borrow Area Entry Agreement form - D4 PI0101

Prior to any waste materials being removed from the construction site the required environmental resource surveys shall be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

Please note that a minimum of four weeks shall be allowed for the District to obtain the required waste site environmental clearances and six weeks for the required borrow site environmental clearances.

GENERAL NOTES:

PLAN DRAWINGS

Existing conditions based on old plans and aerial photographs.

COMMITMENTS

No commitments were made for this project.

POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

Surface Type	Residual Rate
Milled (HMA or PCC)	0.08 lb / sq ft
Existing Pavement	0.08 lb / sq ft
Fog Coat (between lifts)	0.08 lb / sq ft

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	DRAWN -	REVISED -
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PLOT DATE = 3/4/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 9
GENERAL NOTES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	2
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				

CONSECUTIVE SIDE STREET (ROAD) CLOSURE - PROHIBITED

1. No two consecutive side streets (roads) may be closed at the same time during construction. The Contractor must alternate streets (roads).

PROJECT SPECIFIC NOTES

1. The alignment, existing conditions, and existing R.O.W. shown on the plans along IL 9 are based on R.O.W. plats, old plans, and aerial photographs. The alignment and R.O.W. have not been surveyed.

2. Winter Shutdown Restrictions

No work area shall be open past November 15th weather permitting.

Prior to winter shutdown the following steps shall be taken:

- All excavation areas shall be covered.
- Temporary pavement marking shall be placed as applicable.

3. Pavement edge drop-offs greater than 3 inches will not be permitted overnight.

UTILITIES - LOCATIONS /INFORMATION ON PLANS

The locations of existing water mains, gas mains, sewers, electric power lines, telephone lines, and other utilities as shown on the plans are based on careful field investigation and the best information available, but they are not guaranteed. It shall be the Contractor's responsibility to ascertain their exact location from the utility companies and by field inspection.

CHANGEABLE MESSAGE SIGNS

Two message boards shall be provided, one on each end of the project, for seven days prior to commencement of work to give notice to the public. The precise locations, dates, and language of the message shall be determined by the Resident Engineer.

STATUS OF UTILITIES		
No utility conflicts have been found within the project limits. Dig responsibly, call JULIE Utilities located within the ROW consist of:		
COMPANY	CONTACT PERSON	CONTACT INFO
Ameren Electric	Jon Reick	jreick@ameren.com
Ameren Gas	Elizabeth Cooke	ecooke@ameren.com
ATT- Distribution	William Conover	Wc2473@att.com
ATT – Transmission	Vanessa Ross	Vf2021@att.com
Corn Belt Energy	Greg Yakle	Greg.yakle@combeltenergy.com
Brightspeed	Case Wells	Case.wells@brightspeed.com
Frontier Communications	Jason Klein	Jason.klein@ftr.com
Illinois American Water	Brad Reeser	Brad.reeser@amwater.com
Panhandle Eastern Pipeline Co.	Kenny Egelhoff	Kenneth.egelhoff@energytransfer.com
Stratus	Tyler Evans	tevans@stratusnet.com

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	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO
ILLINOIS FED. AID PROJECT										

CONSTR. CODE
90% FEDERAL
10% STATE
SAFETY
0021
TAZEWELL CO

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	403	403
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	36595	36595
44000100	PAVEMENT REMOVAL	SQ YD	7503	7503
48102100	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	446	446
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	22416	22416
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	38109	38109
67100100	MOBILIZATION	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	40662	40662
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	41721	41721
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1

*

* = SPECIALTY ITEM

* = SPECIALTY ITEM

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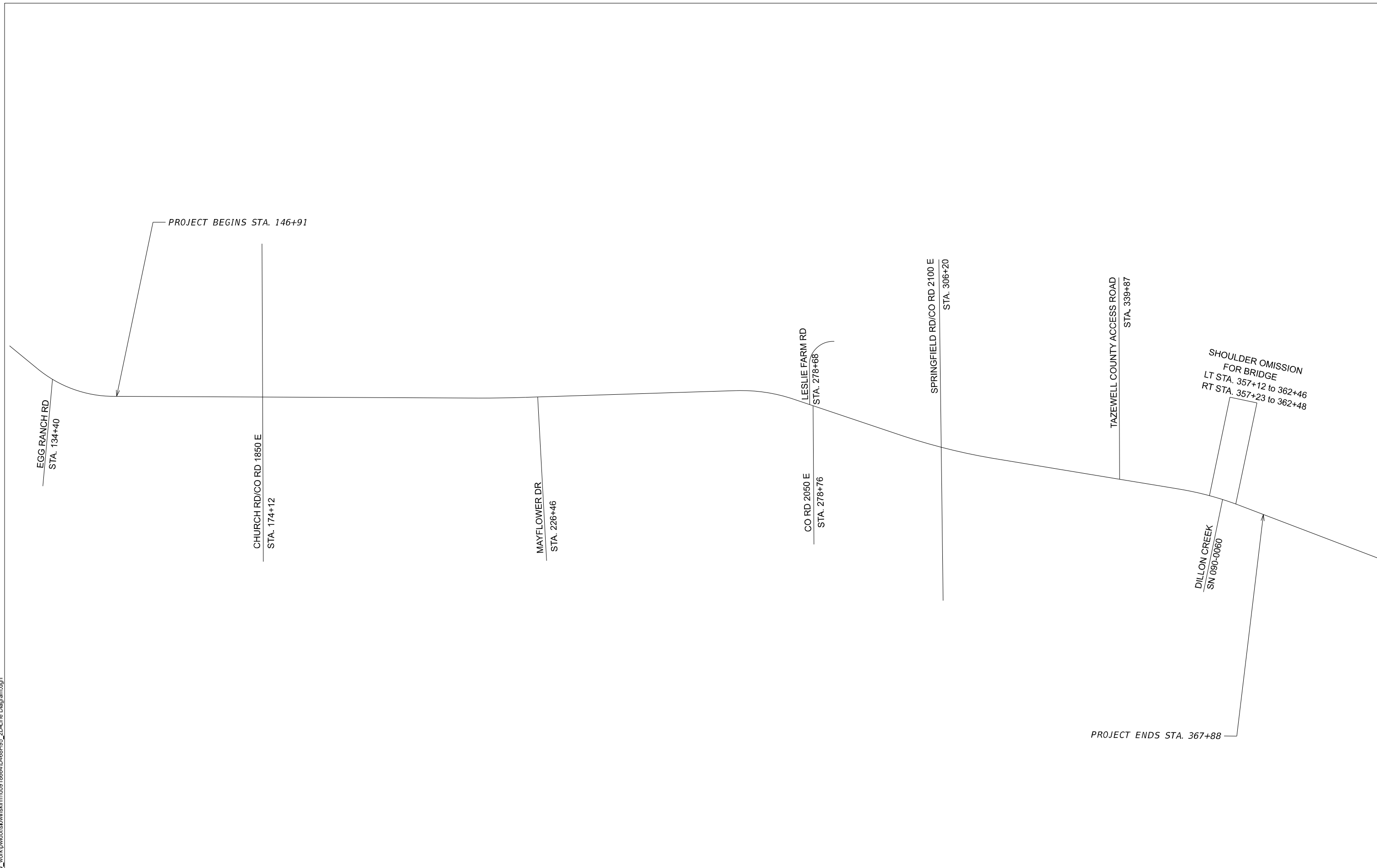
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 9
SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	4
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				

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PROJECT BEGINS STA. 146+91

PROJECT ENDS STA. 367+88

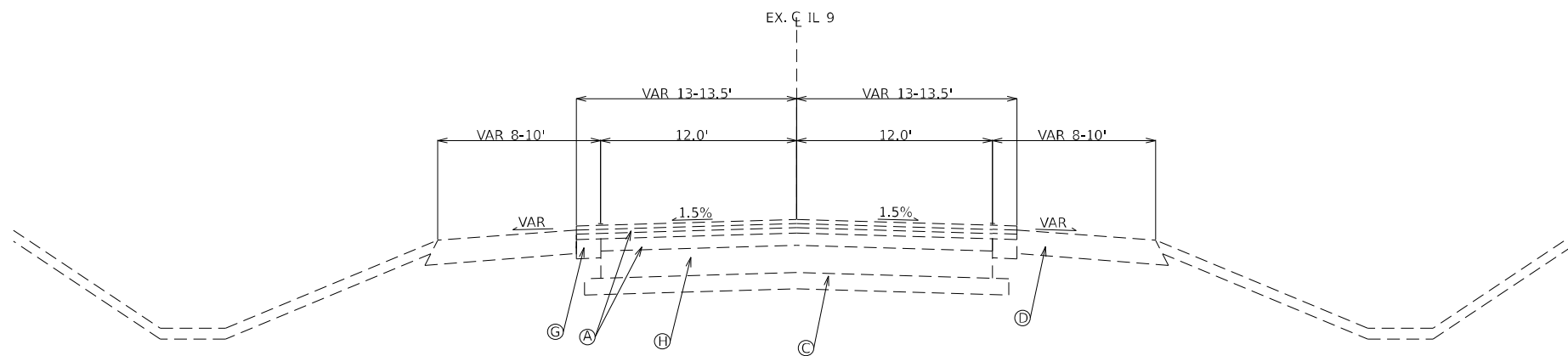
SHOULDER OMISSION
 FOR BRIDGE
 LT STA. 357+12 to 362+46
 RT STA. 357+23 to 362+48

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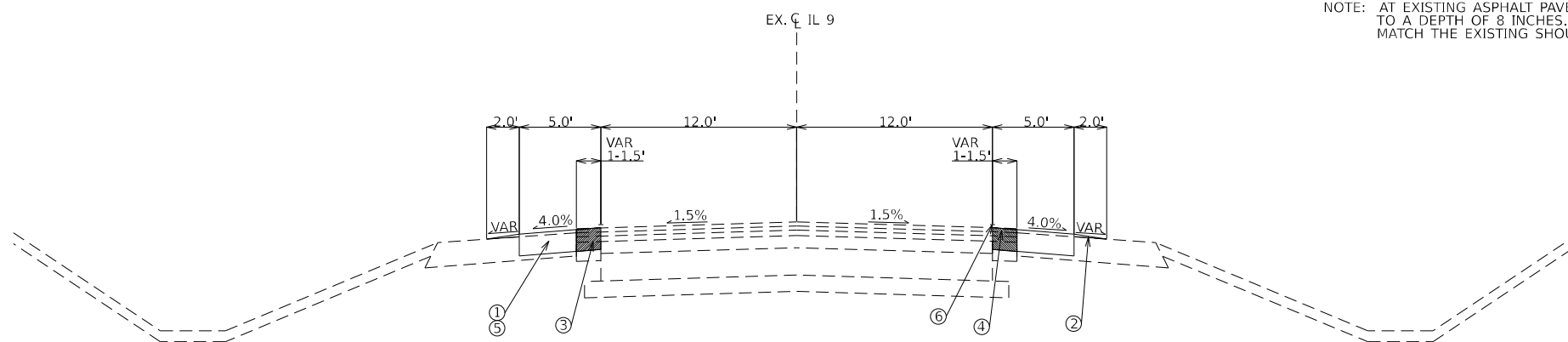
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 9 LINE DIAGRAM			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	6
CONTRACT NO. 68H95				
		ILLINOIS	FED. AID PROJECT	



EXISTING - IL 9



PROPOSED - IL 9

NOTE: AT EXISTING ASPHALT PAVED ENTRANCES, THE PAVEMENT REMOVAL SHALL BE 5.0 FEET WIDE TO A DEPTH OF 8 INCHES. THE PROPOSED SHOULDER SLOPE ACROSS THESE ENTRANCES SHALL MATCH THE EXISTING SHOULDER CROSS SLOPE PRIOR TO PAVEMENT REMOVAL.

STA. 146+91 TO 153+00
 STA. 273+00 TO 298+00 (SUPERELEVATED 273+00-275+92)
 STA. 316+00 TO 331+30
 STA. 344+83 TO 358+00 (SUPERELEVATED 351+46-362+99)

LEGEND

- EXISTING
 A. EXISTING HMA OVERLAYS
 B. PCC PAVEMENT
 C. EXISTING SUB-BASE
 D. EXISTING AGG SHOULDERS
 E. CCC&G M-4.12
 F. EXISTING MEDIAN
 G. EXISTING HMA SHOULDER
 H. EXISTING AGGREGATE BASE COURSE TYPE A
 I. EXISTING HMA BASE

- PROPOSED
 1. HOT-MIX ASPHALT SHOULDERS, 8"
 2. AGGREGATE WEDGE SHOULDERS, TYPE B
 3. PAVEMENT REMOVAL
 4. SHOULDER RUMBLE STRIPS, 8 INCH
 5. EXCAVATING & GRADING EXISTING SHOULDER
 6. PAINT PAVEMENT MARKING - LINE 4"

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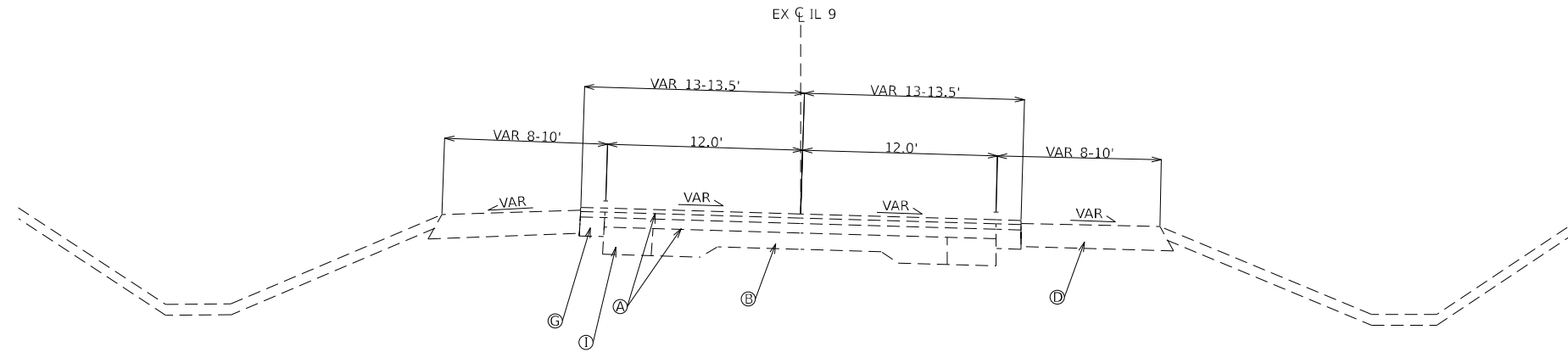
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

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693	118-SR	TAZEWELL	37	7
CONTRACT NO. 68H95				

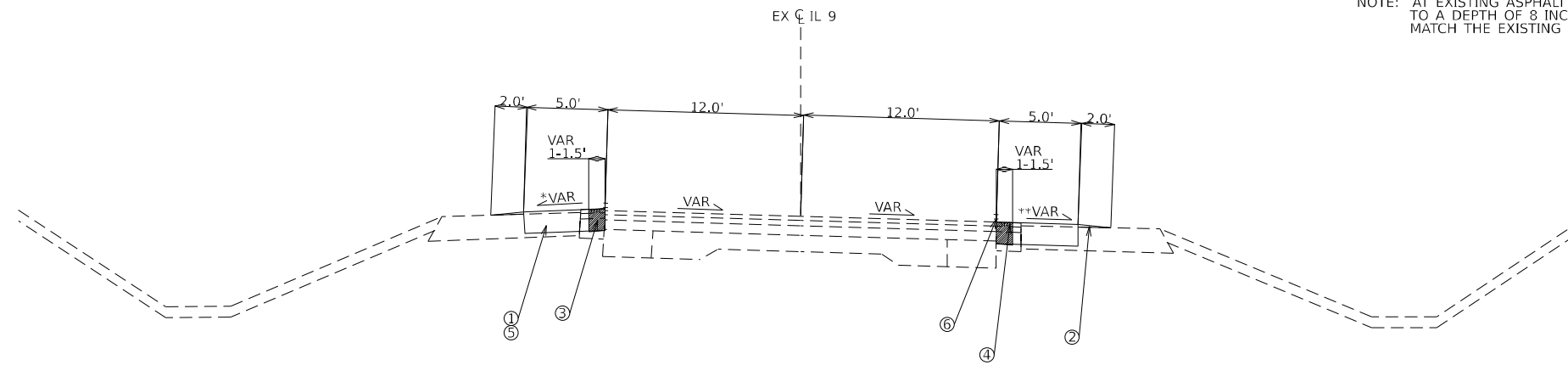
ILLINOIS FED. AID PROJECT



EXISTING - IL 9

*ROLLOVER AT SUPERELEVATED SECTIONS SHALL NOT EXCEED 8%
 **SHOULDER SLOPE SHALL MATCH SUPERELEVATION

NOTE: AT EXISTING ASPHALT PAVED ENTRANCES, THE PAVEMENT REMOVAL SHALL BE 5.0 FEET WIDE TO A DEPTH OF 8 INCHES. THE PROPOSED SHOULDER SLOPE ACROSS THESE ENTRANCES SHALL MATCH THE EXISTING SHOULDER CROSS SLOPE PRIOR TO PAVEMENT REMOVAL.



PROPOSED - IL 9

STA. 264+75 TO 275+92
 STA. 351+46 TO 362+99

SHOULDER OMISSION FOR BRIDGE
 LT STA. 357+12 TO 362+46
 RT STA. 357+23 TO 362+48

LEGEND

- EXISTING
 A. EXISTING HMA OVERLAYS
 B. PCC PAVEMENT
 C. EXISTING SUB-BASE
 D. EXISTING AGG SHOULDERS
 E. CCC&G M-4.12
 F. EXISTING MEDIAN
 G. EXISTING HMA SHOULDER
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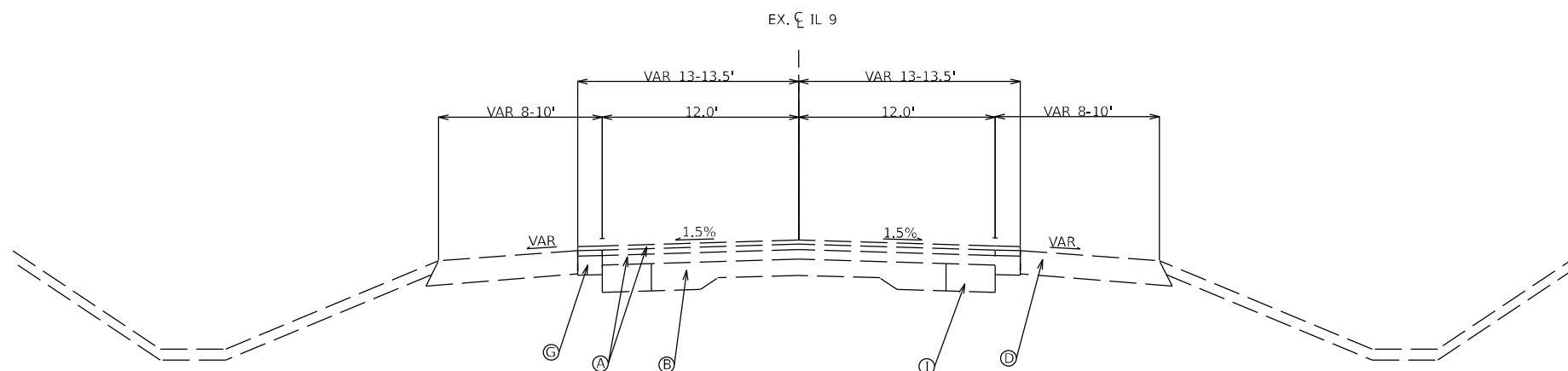
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 TYPICAL SECTIONS**

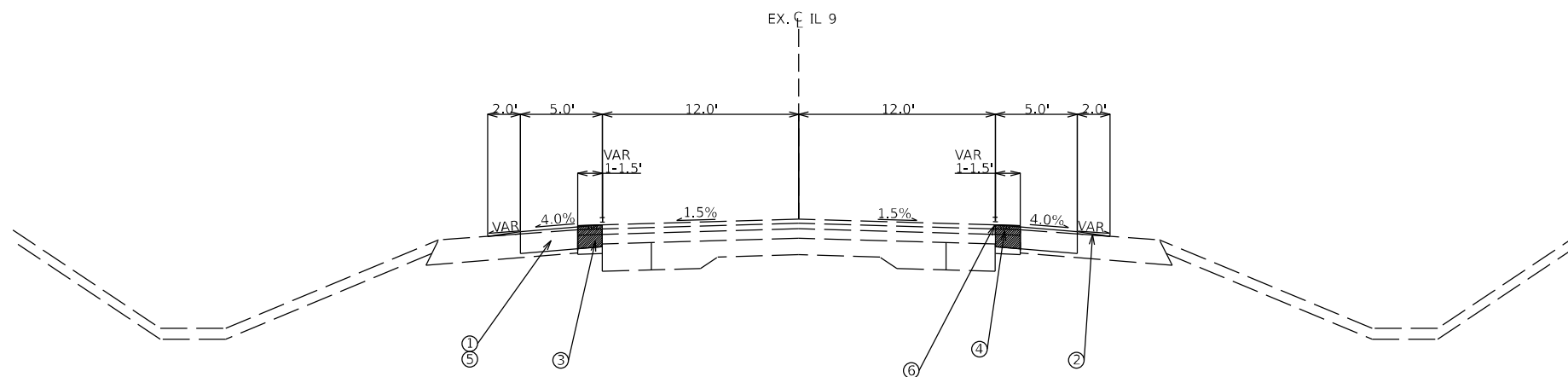
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	8
				CONTRACT NO. 68H95
ILLINOIS FED. AID PROJECT				



EXISTING - IL 9

NOTE: AT EXISTING ASPHALT PAVED ENTRANCES, THE PAVEMENT REMOVAL SHALL BE 5.0 FEET WIDE TO A DEPTH OF 8 INCHES. THE PROPOSED SHOULDER SLOPE ACROSS THESE ENTRANCES SHALL MATCH THE EXISTING SHOULDER CROSS SLOPE PRIOR TO PAVEMENT REMOVAL.



PROPOSED - IL 9

STA. 153+00 TO 264+75
STA. 362+99 TO 367+88

LEGEND

- EXISTING
A. EXISTING HMA OVERLAYS
B. PCC PAVEMENT
C. EXISTING SUB-BASE
D. EXISTING AGG SHOULDERS
E. CCC&G M-4.12
F. EXISTING MEDIAN
G. EXISTING HMA SHOULDER
H. EXISTING AGGREGATE BASE COURSE TYPE A
I. EXISTING HMA BASE
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6. PAINT PAVEMENT MARKING - LINE 4"

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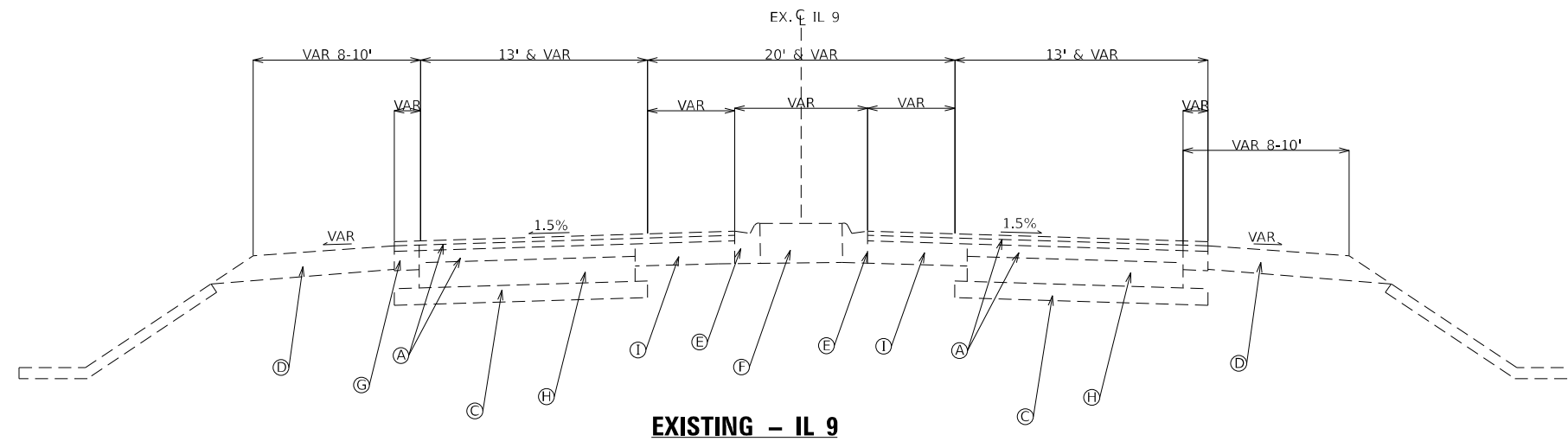
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

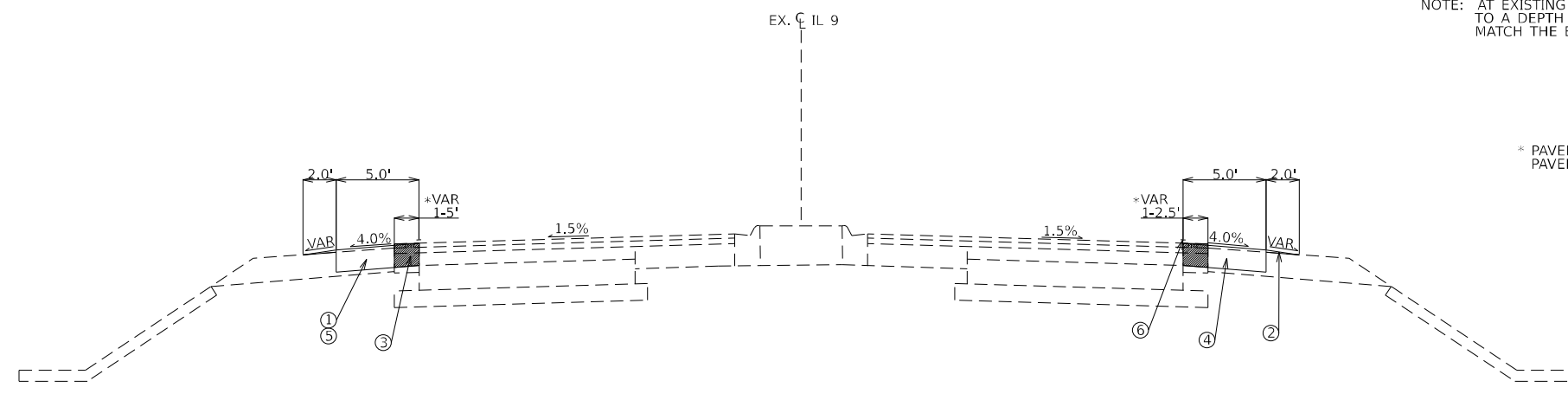
**IL 9
TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	9
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



EXISTING - IL 9



PROPOSED - IL 9

LT STA. 298+00 TO 304+55
 LT STA. 307+63 TO 316+00
 RT STA. 298+00 TO 305+54
 RT STA. 307+19 TO 316+00

NOTE: AT EXISTING ASPHALT PAVED ENTRANCES, THE PAVEMENT REMOVAL SHALL BE 5.0 FEET WIDE TO A DEPTH OF 8 INCHES. THE PROPOSED SHOULDER SLOPE ACROSS THESE ENTRANCES SHALL MATCH THE EXISTING SHOULDER CROSS SLOPE PRIOR TO PAVEMENT REMOVAL.

* PAVEMENT TO BE REMOVED TO EXISTING PAVEMENT MARKING LINE

LEGEND

- EXISTING
 A. EXISTING HMA OVERLAYS
 B. PCC PAVEMENT
 C. EXISTING SUB-BASE
 D. EXISTING AGG SHOULDERS
 E. CCC&G M-4.12
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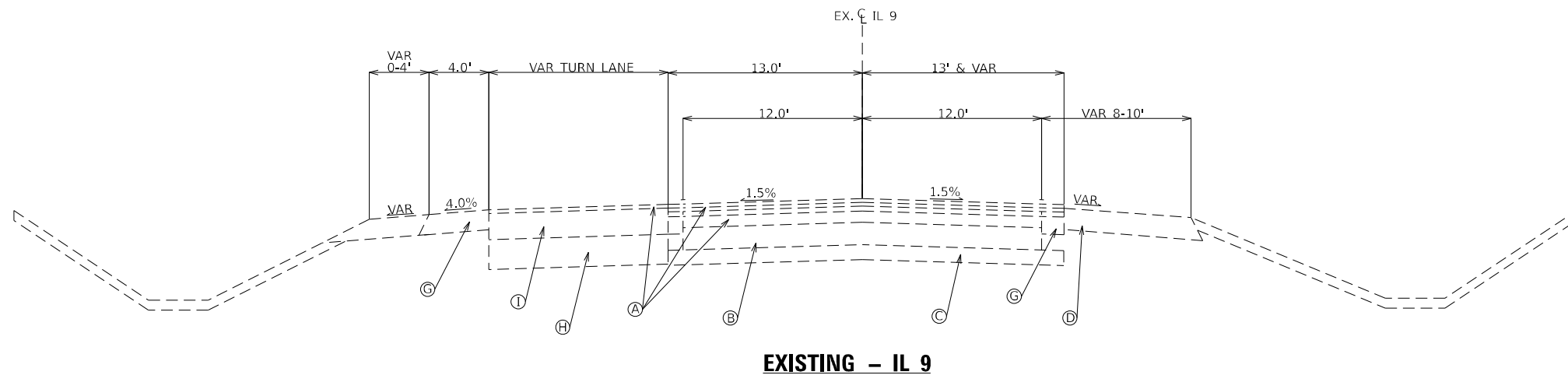
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

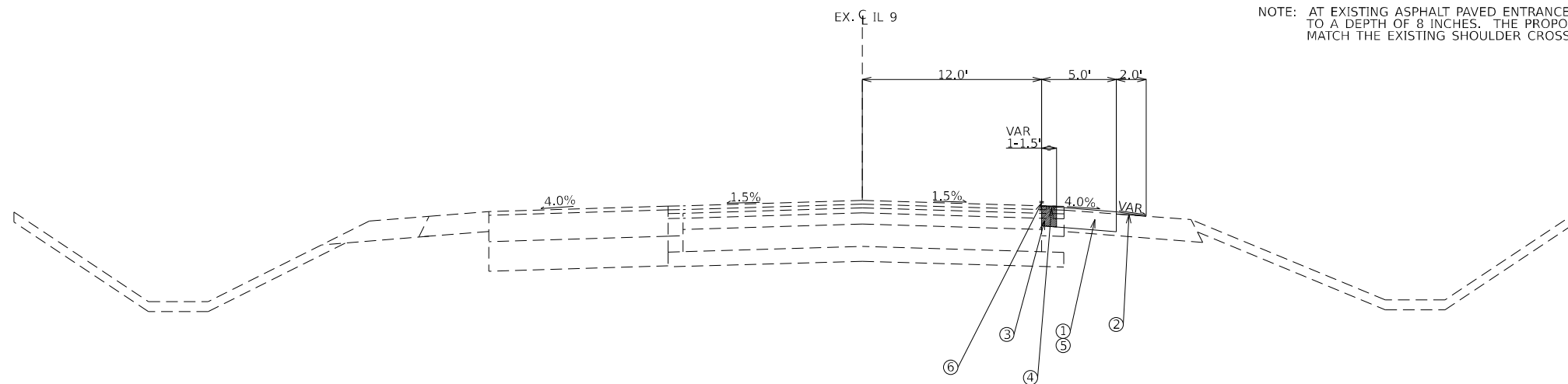
**IL 9
 TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	10
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



EXISTING - IL 9



PROPOSED - IL 9

STA. 331+30 TO 344+83

NOTE: AT EXISTING ASPHALT PAVED ENTRANCES, THE PAVEMENT REMOVAL SHALL BE 5.0 FEET WIDE TO A DEPTH OF 8 INCHES. THE PROPOSED SHOULDER SLOPE ACROSS THESE ENTRANCES SHALL MATCH THE EXISTING SHOULDER CROSS SLOPE PRIOR TO PAVEMENT REMOVAL.

LEGEND

- EXISTING
 A. EXISTING HMA OVERLAYS
 B. PCC PAVEMENT
 C. EXISTING SUB-BASE
 D. EXISTING AGG SHOULDERS
 E. CCC&G M-4.12
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PLOT DATE = 1/31/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	11
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 3/14/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 REMOVAL PLANS**

SCALE: 1"=50' SHEET OF 24 SHEETS STA. 130+00.00 TO STA. 160+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	12
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



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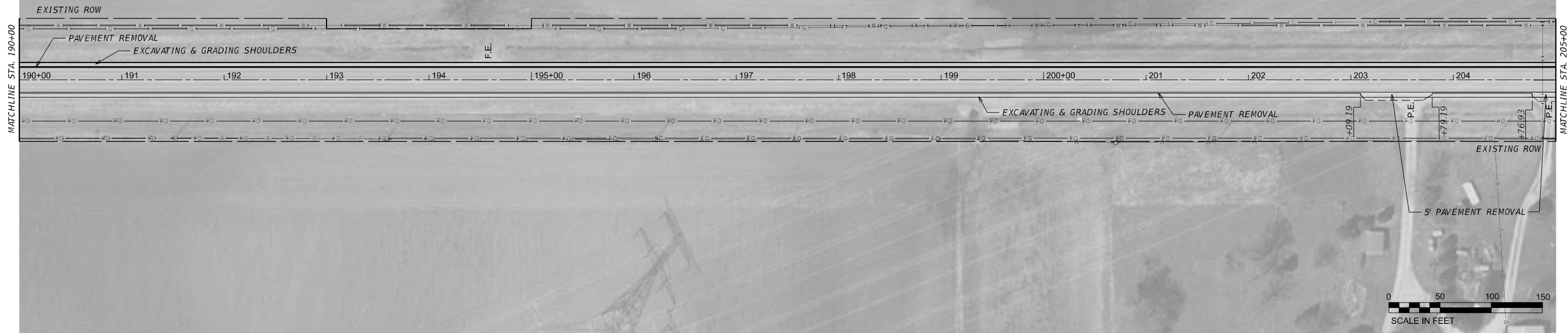
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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 2/6/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 REMOVAL PLANS**

SCALE: 1"=50' SHEET OF SHEETS STA. 160+00.00 TO STA. 190+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	13
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



MODEL: EXCL New - Removal 4 (Sheet)
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USER NAME = neil.slowinski	DESIGNED -	REVISED -
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PLOT DATE = 1/31/2024	CHECKED -	REVISED -
	DATE -	REVISED -

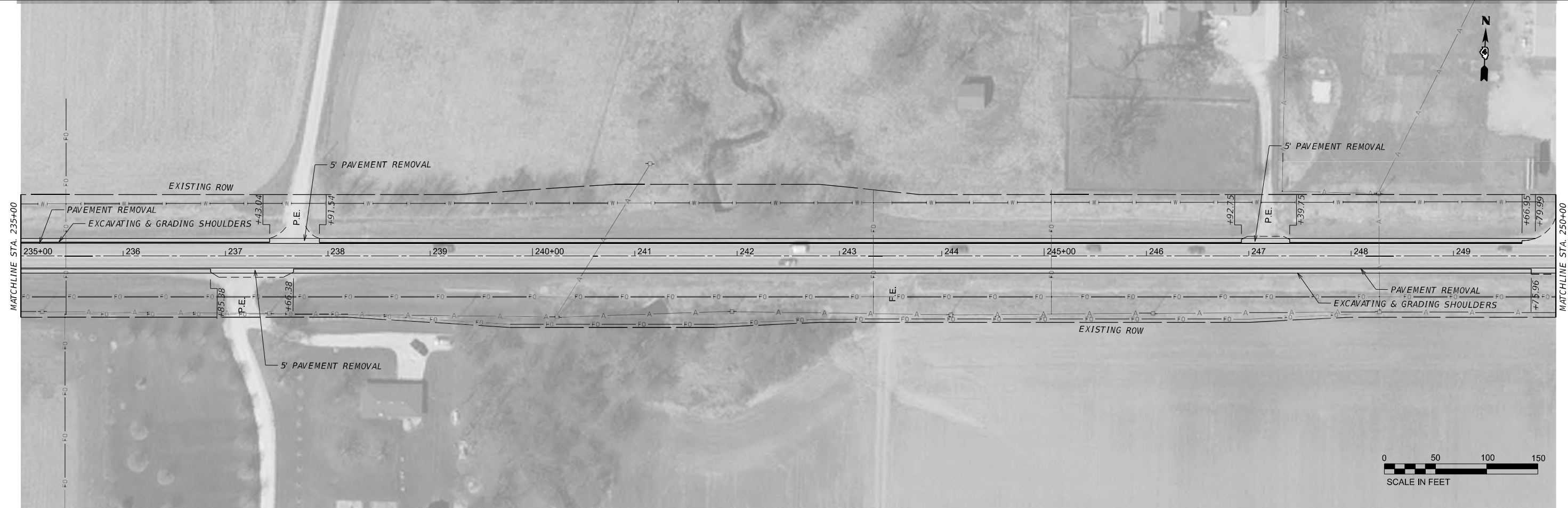
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 REMOVAL PLANS**

SCALE: 1"=50' SHEET OF SHEETS STA. 190+00.00 TO STA. 220+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	14
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				

EX CURVE
 PI STA = 220+15.11
 $\Delta = 02^{\circ}06'00''$ (LT)
 $D = 00^{\circ}14'00''$
 $R = 24,555.33'$
 $T = 450.05'$
 $L = 900.00'$
 $E = 4.12'$
 $e = \text{N.C.}$
 PC STA = 215+65.06
 PT STA = 224+65.06



MODEL: EXCI-New-Removal.dwg (Sheet)
 FILE NAME: c:\p\work\sevin\skin\m\0918664\18664\18664\2D-Removal.dgn

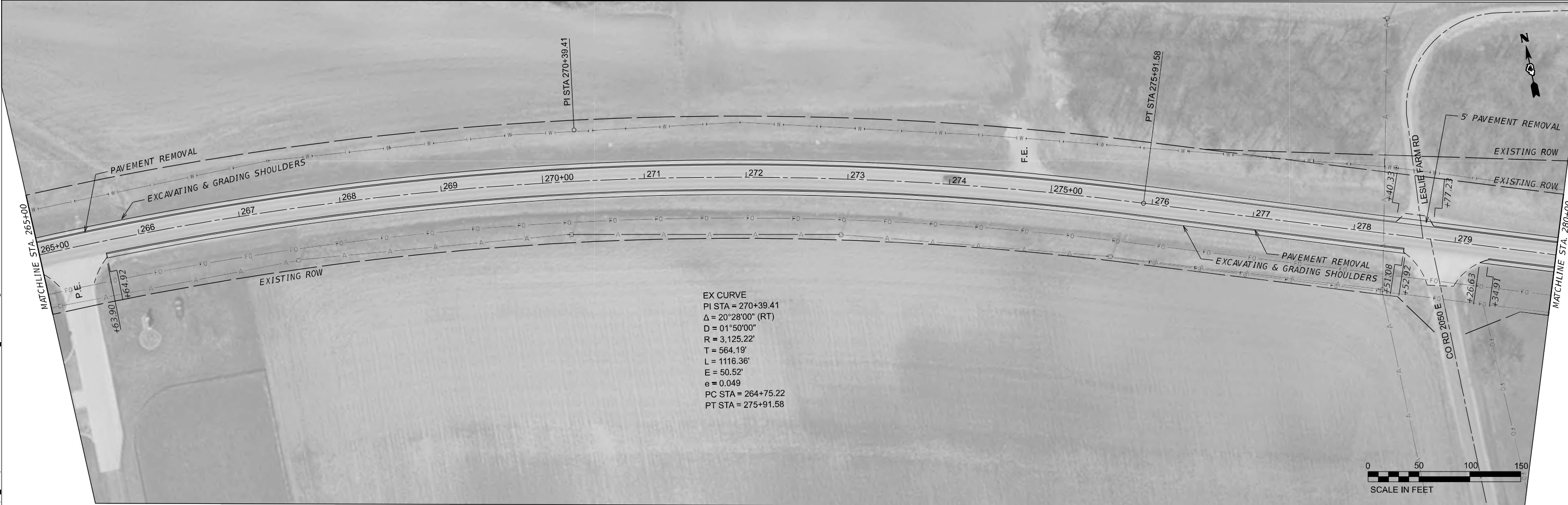
USER NAME = neil.slowinski	DESIGNED -	REVISED -
DRAWN -	REVISOR -	DATE -
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PLOT DATE = 2/1/2024	DATE -	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 REMOVAL PLANS**

SCALE: 1"=50' SHEET OF SHEETS STA. 220+00.00 TO STA. 250+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	15
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



MODEL: EXCL New - Removal-1 (Sheet)
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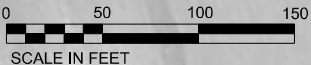
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DRAWN	-	REVISOR	-	REVISION	-
PLOT SCALE	= \$\$SCALE\$\$	CHECKED	-	REVISION	-
PLOT DATE	= 2/1/2024	DATE	-	REVISION	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 9
REMOVAL PLANS**

SCALE: 1"=50' SHEET OF SHEETS STA. 250+00.00 TO STA. 280+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	16
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



EX CURVE
PI STA = 306+65.53
 $\Delta = 09^\circ 15' 00''$ (LT)
 $D = 00^\circ 28' 30''$
 $R = 12,062.27'$
 $T = 975.81'$
 $L = 1947.37'$
 $E = 39.41'$
 $e = N.C.$
PC STA = 296+89.72
PT STA = 316+37.09

MODEL: EXCL New - Removal-10 [Sheet]
FILE NAME: c:\p\work\wis\stbs\stb\stb\m\0918664\D468H95_2D-Removal.dgn

USER NAME	= neil.slowinski	DESIGNED	-	REVISED	-
DRAWN	-	REVISION	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= 2/1/2024	DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 9
REMOVAL PLANS**

SCALE: 1"=50' SHEET OF SHEETS STA. 280+00.00 TO STA. 310+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	17
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



MODEL: EXCL-New-Removal-12 [Sheet]
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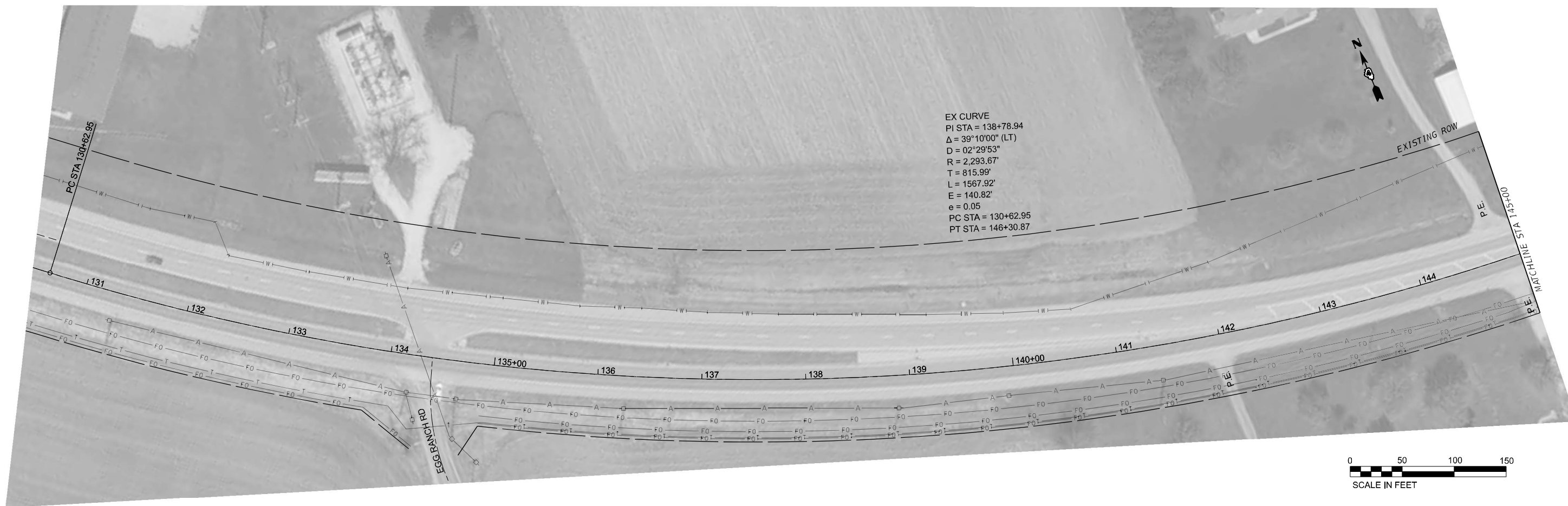
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		DRAWN	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= 2/1/2024	DATE	-	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 REMOVAL PLANS**

SCALE: 1"=50' SHEET OF SHEETS STA. 310+00.00 TO STA. 340+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	18
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



MODEL: IL 9 Plan (Sheet)
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USER NAME = neil.slowski	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 2/6/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 PROPOSED PLANS**

SCALE: 1"=50' SHEET OF SHEETS STA. 130+00.00 TO STA. 160+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	20
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				

MODEL: IL 9 Plans-1 (Sheet)
 FILE NAME: c:\p\work\stevinskinm\0918664\468H95_2D-Plan.dgn



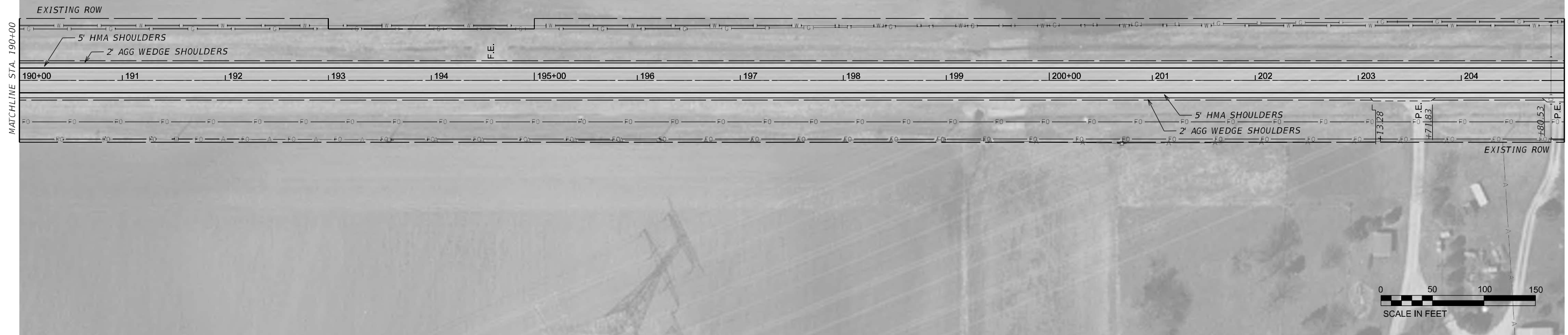
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	DRAWN -	REVISED -
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PLOT DATE = 2/1/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 PROPOSED PLANS**

SCALE: 1"=50' SHEET OF SHEETS STA. 160+00.00 TO STA. 190+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	21
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



MODEL: IL 9 Plan-2 (Sheet)
 FILE NAME: c:\p\work\stovinskinm\0918664\468H95_2D-Plan.dgn

USER NAME = neil.slowinski	DESIGNED -	REVISED -
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PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 2/1/2024	DATE -	REVISED -

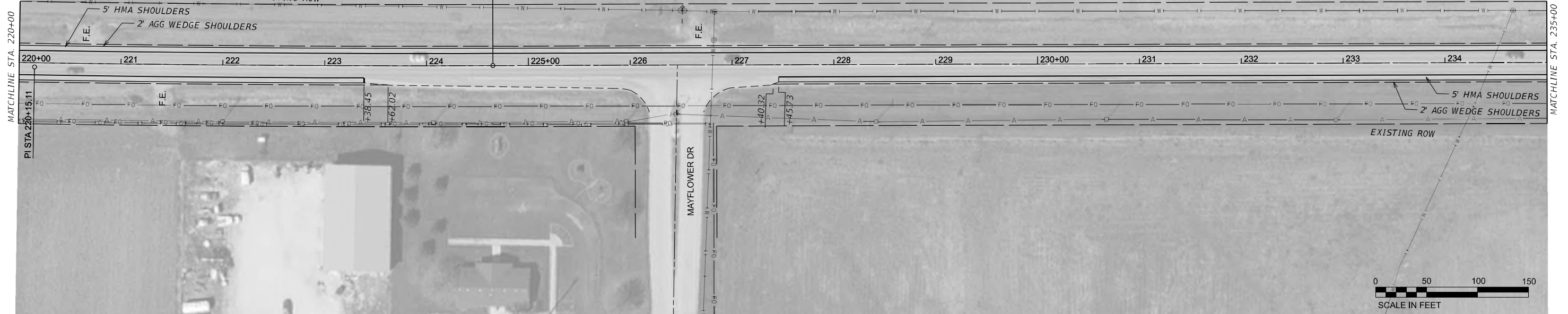
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 PROPOSED PLANS**

SCALE: 1"=50' SHEET OF SHEETS STA. 190+00.00 TO STA. 220+00.00

F.A.P. RTE. 693	SECTION 118-SR	COUNTY TAZEWELL	TOTAL SHEETS 37	SHEET NO. 22
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				

EX CURVE
 PI STA = 220+15.11
 $\Delta = 02^{\circ}06'00''$ (LT)
 $D = 00^{\circ}14'00''$
 $R = 24,555.33'$
 $T = 450.05'$
 $L = 900.00'$
 $E = 4.12'$
 $e = N.C.$
 PC STA = 215+65.06
 PT STA = 224+65.06



MODEL: IL 9 Plans-3 (Sheet)
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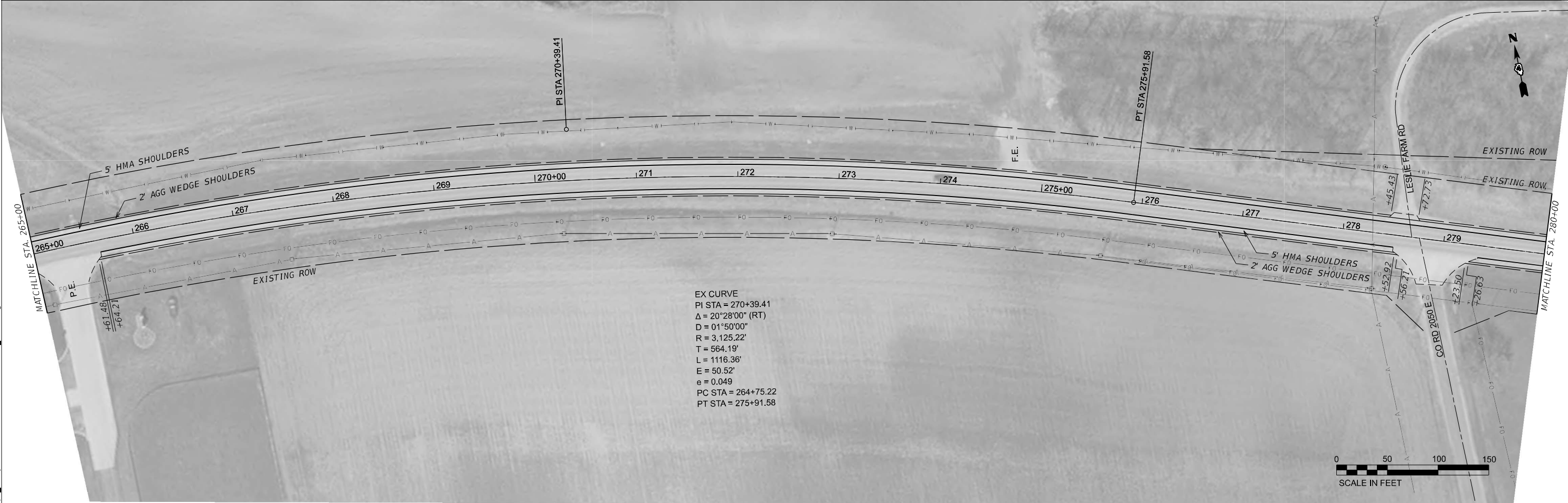
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	DRAWN -	REVISED -
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PLOT DATE = 2/1/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 PROPOSED PLANS**

SCALE: 1"=50' SHEET OF SHEETS STA. 220+00.00 TO STA. 250+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	23
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



EX CURVE
 PI STA = 270+39.41
 $\Delta = 20^\circ 28' 00''$ (RT)
 D = $01^\circ 50' 00''$
 R = 3,125.22'
 T = 564.19'
 L = 1116.36'
 E = 50.52'
 e = 0.049
 PC STA = 264+75.22
 PT STA = 275+91.58

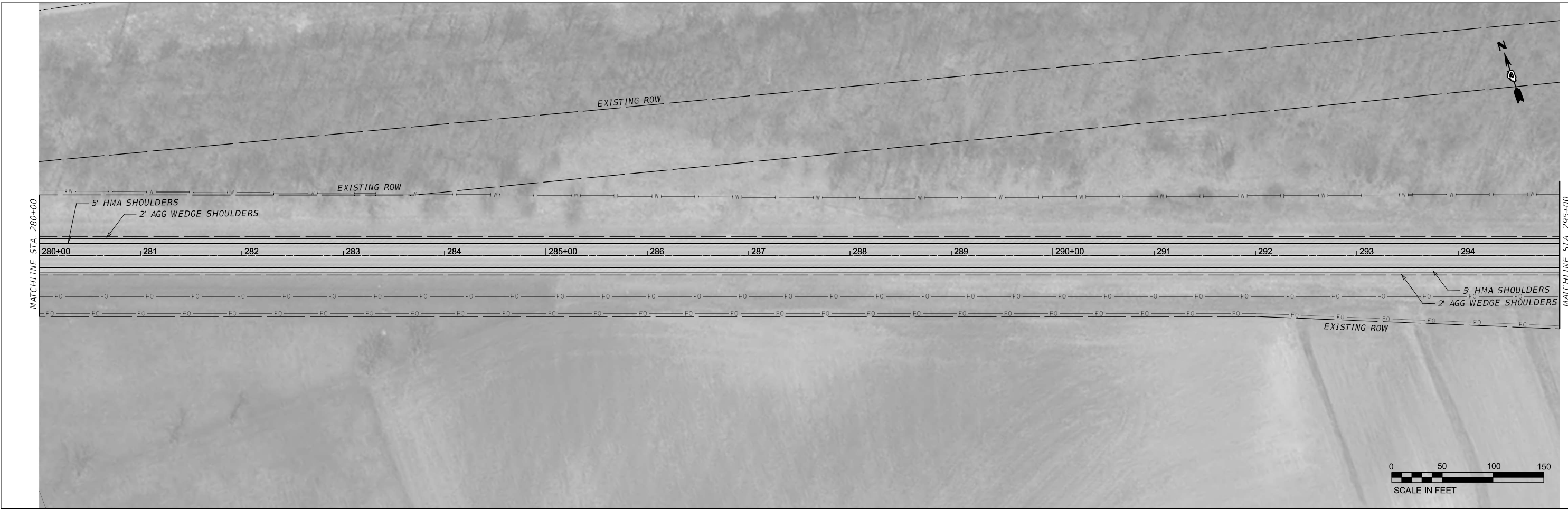
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USER NAME = neil.slowinski	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 3/4/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 9	
PROPOSED PLANS	
SCALE: 1"=50'	SHEET OF SHEETS
STA. 250+00.00	TO STA. 280+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	24
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



MODEL: IL 9 Plan-5 (Sheet)
 FILE NAME: c:\p\work\stovinskin\0918664\18664D468H95_2D-Plan.dgn

USER NAME = neil.slowski	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 3/4/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 9 PROPOSED PLANS	
SCALE: 1"=50'	SHEET OF SHEETS STA. 280+00.00 TO STA. 310+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	25
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



MODEL: IL 9 Plans (Sheet)
 FILE NAME: c:\p\work\stevinskinm\0918664\468H95_2D-Plan.dgn

USER NAME = neil.stowinski	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 2/1/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 PROPOSED PLANS**

SCALE: 1"=50' SHEET OF SHEETS STA. 310+00.00 TO STA. 340+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	26
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



EX CURVE
 PI STA = 357+24.59
 $\Delta = 11^{\circ}32'15"$ (RT)
 $D = 01^{\circ}00'01"$
 $R = 5,728.21'$
 $T = 578.70'$
 $L = 1153.49'$
 $E = 29.16'$
 $e = 0.02$
 PC STA = 351+45.89
 PT STA = 362+99.38

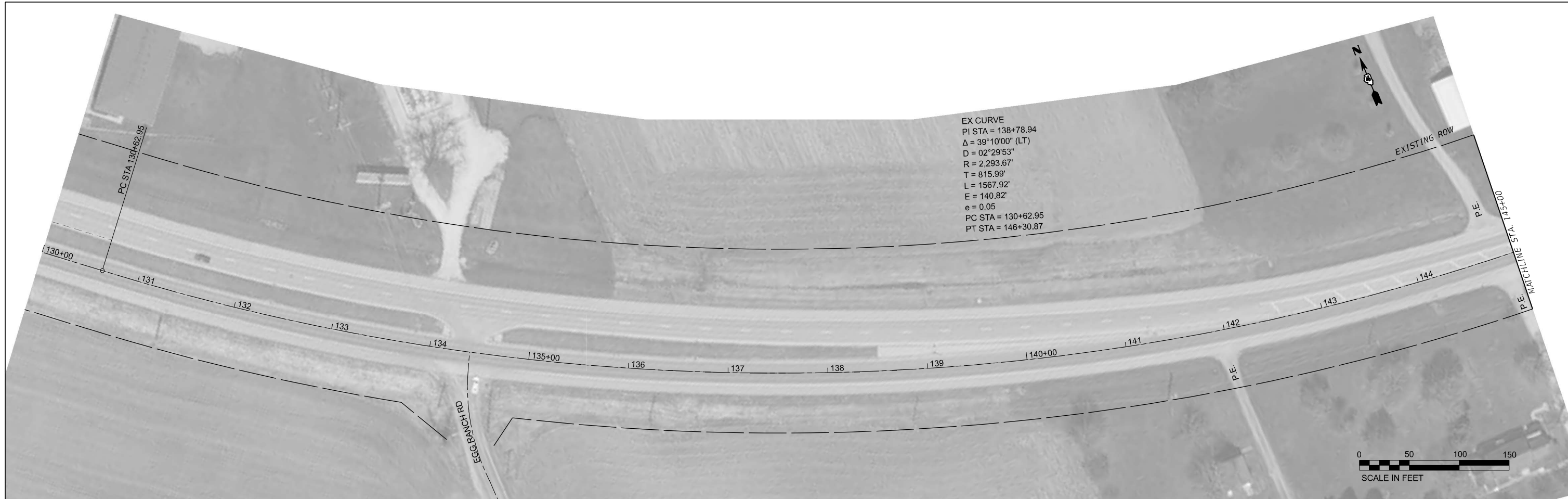
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PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = 3/4/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 9 PROPOSED PLANS				
SCALE: 1"=50'	SHEET	OF	SHEETS	STA. 340+00.00 TO STA. 370+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	27
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



MODEL: Pavement Marking - Plan 1 [Sheet]
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	DRAWN -	REVISED -
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PLOT DATE = 3/14/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 PROPOSED PAVEMENT MARKING & RUMBLE STRIPS**

SCALE: 1"=50' SHEET OF SHEETS STA. 130+00.00 TO STA. 160+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	28
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



MODEL: Pavement Marking-1 - Plan 3 [Sheet]
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PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 2/1/2024	DATE -	REVISED -

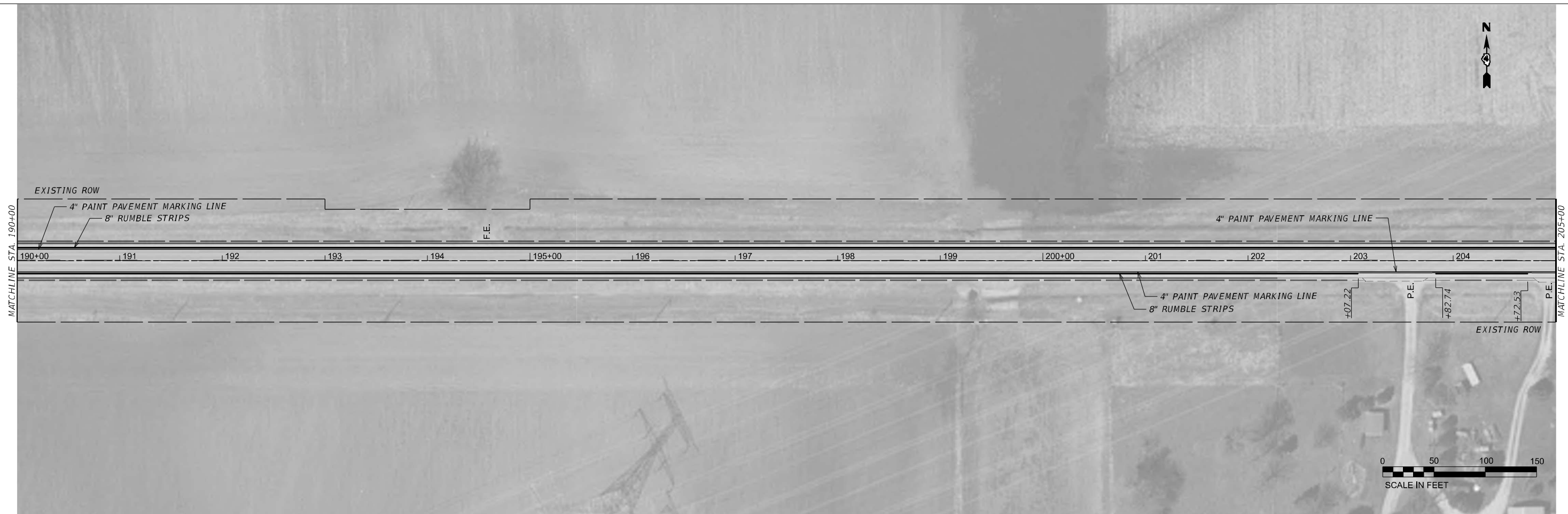
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 PROPOSED PAVEMENT MARKING & RUMBLE STRIPS**

SCALE: 1"=50' SHEET OF SHEETS STA. 160+00.00 TO STA. 190+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	29
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				

MODEL: Pavement Markings-1 - Plan 5 (Sheet)
 FILE NAME: c:\p\work\dot\slowinski\m\0918664\468H95_2D-Pavement Marking.dgn



USER NAME = neil.slowinski	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 2/1/2024	DATE -	REVISED -

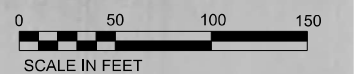
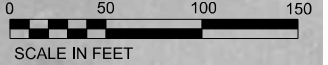
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 PROPOSED PAVEMENT MARKING & RUMBLE STRIPS**

SCALE: 1"=50' SHEET OF SHEETS STA. 190+00.00 TO STA. 220+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	30
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				

EX CURVE
 PI STA = 220+15.11
 $\Delta = 02^{\circ}06'00''$ (LT)
 D = 00°14'00"
 R = 24,555.33'
 T = 450.05'
 L = 900.00'
 E = 4.12'
 e = N.C.
 PC STA = 215+65.06
 PT STA = 224+65.06



MODEL: Pavement Markings-1 - Plan 7 (Sheet)
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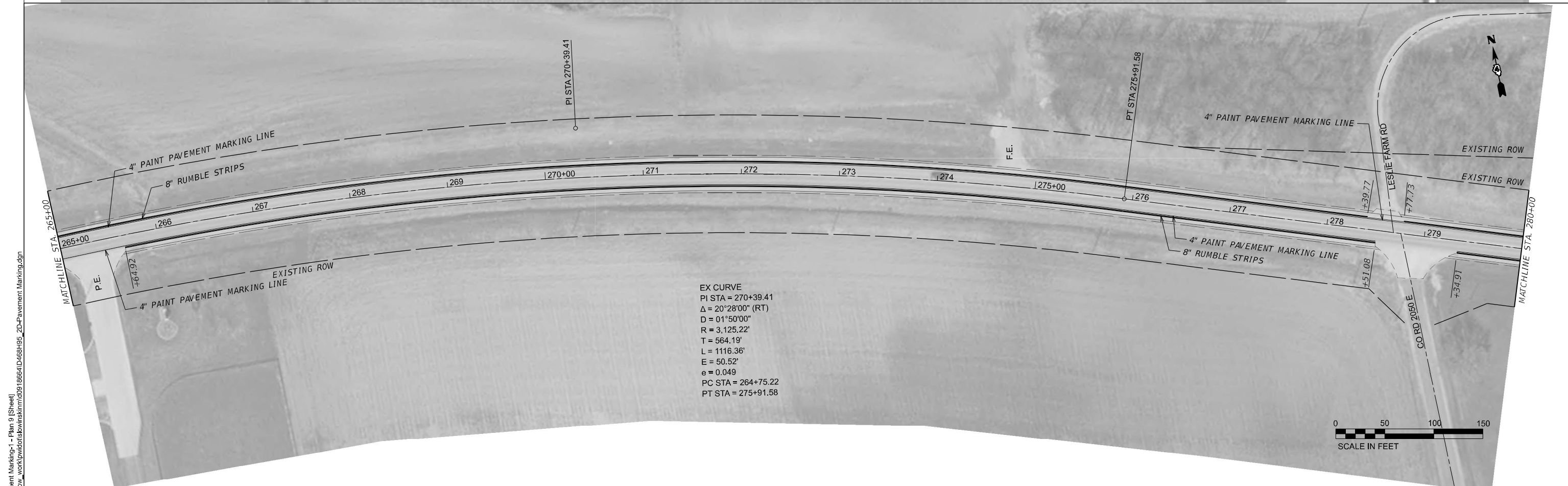
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DRAWN -		REVISED -		REVISED -	
PLOT SCALE =	SSCALE\$	CHECKED -		REVISED -	
PLOT DATE =	2/1/2024	DATE -		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 9
PROPOSED PAVEMENT MARKING & RUMBLE STRIPS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	31
CONTRACT NO. 68H95				
ILLINOIS		FED. AID PROJECT		

SCALE: 1"=50' SHEET OF SHEETS STA. 220+00.00 TO STA. 250+00.00



EX CURVE
 PI STA = 270+39.41
 $\Delta = 20^\circ 28' 00''$ (RT)
 $D = 01^\circ 50' 00''$
 $R = 3,125.22'$
 $T = 564.19'$
 $L = 1116.36'$
 $E = 50.52'$
 $e = 0.049$
 PC STA = 264+75.22
 PT STA = 275+91.58

MODEL: Pavement Markings-1 - Plan 9 [Sheet]
 FILE NAME: c:\p\work\186641D468H95_2D-Pavement Marking.dgn

USER NAME = neil.slowinski	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 2/1/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 9 PROPOSED PAVEMENT MARKING & RUMBLE STRIPS			
SCALE: 1"=50'	SHEET	OF	SHEETS
	STA. 250+00.00	TO	STA. 280+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	32
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



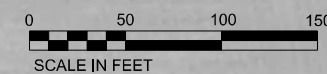
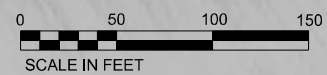
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USER NAME = neil.slowinski	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 3/4/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 9 PROPOSED PAVEMENT MARKING & RUMBLE STRIPS			
SCALE: 1"=50'	SHEET	OF	SHEETS
STA. 280+00.00	TO STA.	310+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	33
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



MODEL: Pavement Marking - Plan 13 (Sheet)
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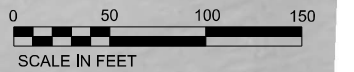
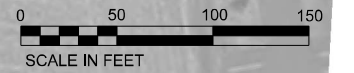
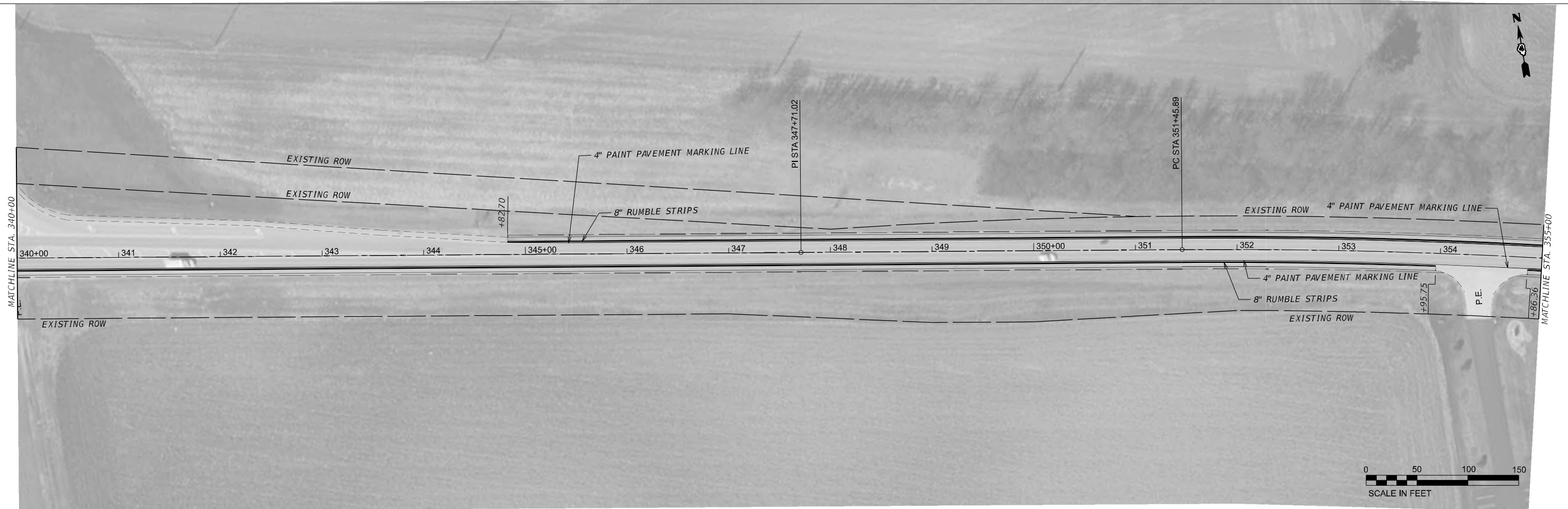
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	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 3/4/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 9
PROPOSED PAVEMENT MARKING & RUMBLE STRIPS**

SCALE: 1"=50' SHEET OF SHEETS STA. 310+00.00 TO STA. 340+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	34
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				



EX CURVE
 PI STA = 357+24.59
 $\Delta = 11^\circ 32' 15''$ (RT)
 $D = 01^\circ 00' 01''$
 $R = 5,728.21'$
 $T = 578.70'$
 $L = 1153.49'$
 $E = 29.16'$
 $e = 0.02$
 PC STA = 351+45.89
 PT STA = 362+99.38

MODEL: Pavement Markings - Plan 15 (Sheet)
 FILE NAME: c:\p\work\186641\d468h95_2D-Pavement Marking.dgn

USER NAME = neil.slowski	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 3/4/2024	DATE -	REVISED -

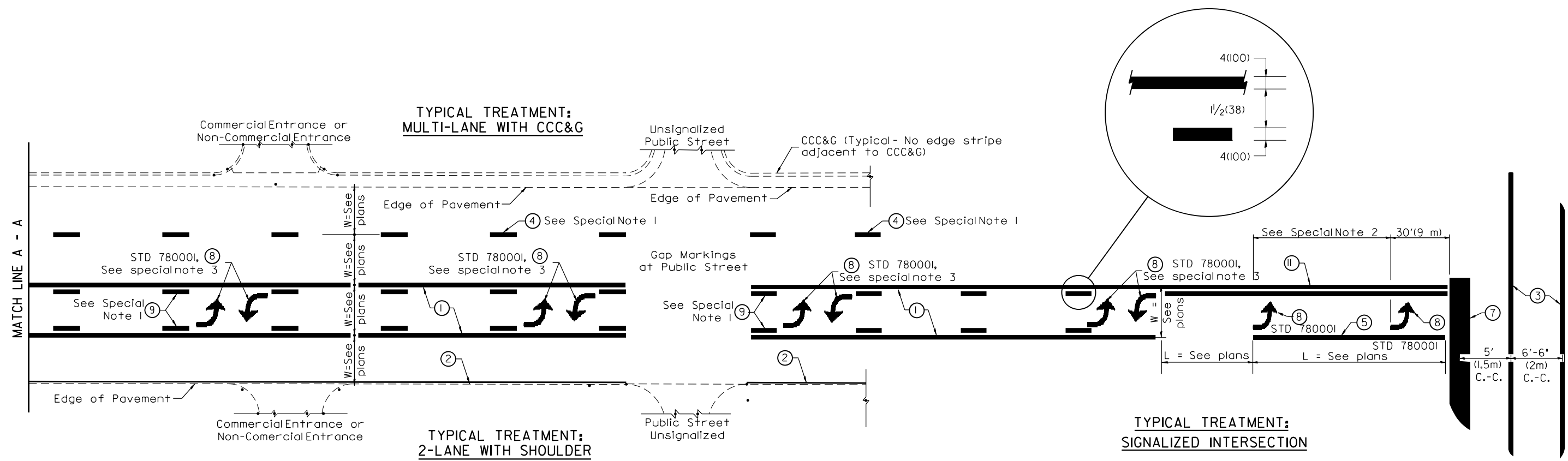
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 9
 PROPOSED PAVEMENT MARKING & RUMBLE STRIPS**

SCALE: 1"=50' SHEET OF SHEETS STA. 340+00.00 TO STA. 370+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118-SR	TAZEWELL	37	35
CONTRACT NO. 68H95				
ILLINOIS FED. AID PROJECT				

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)



FLUSH PAVED MEDIAN; TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m) min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m) min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item 6 (13) shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) 45°
- ⑪ 4(100) Double Solid (Yellow) 11(280) C.-C. See Table A

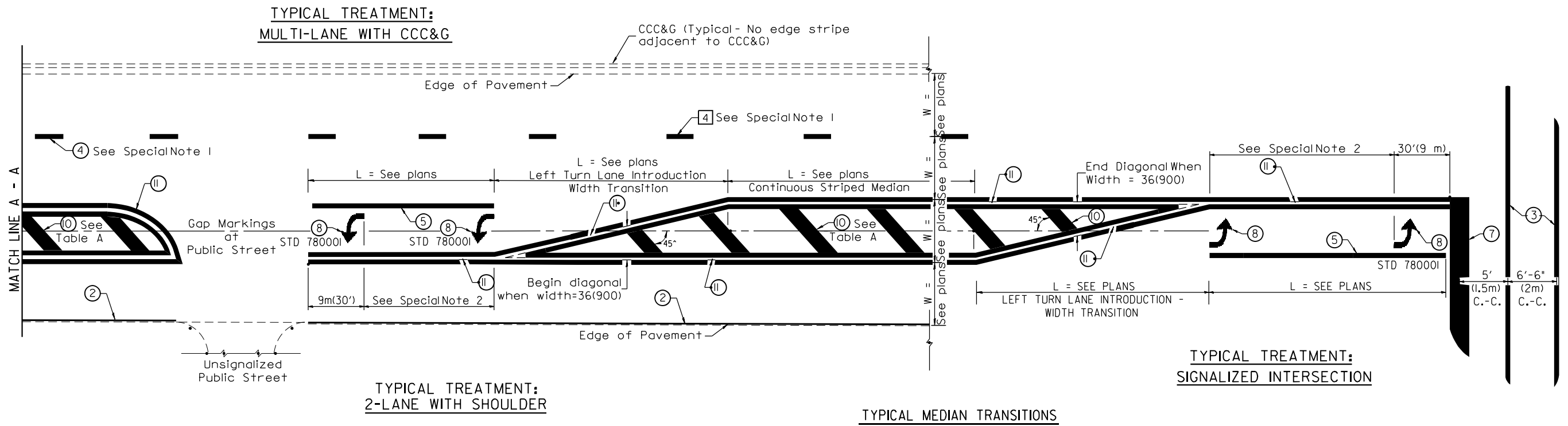
SPECIAL NOTES

- Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
- The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
- The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi-Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

- Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
- See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
- Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
- Areas are grooved 1" beyond each edge for the following symbols:
 - Through Arrow= 14.8 sq. ft.
 - Large Left or Right Arrow= 21.9 sq. ft.
 - 2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
 - Wrong Way Arrow= 29.5 sq. ft.
 - Railroad Crossing Symbol= 69.8 sq. ft.
 (For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

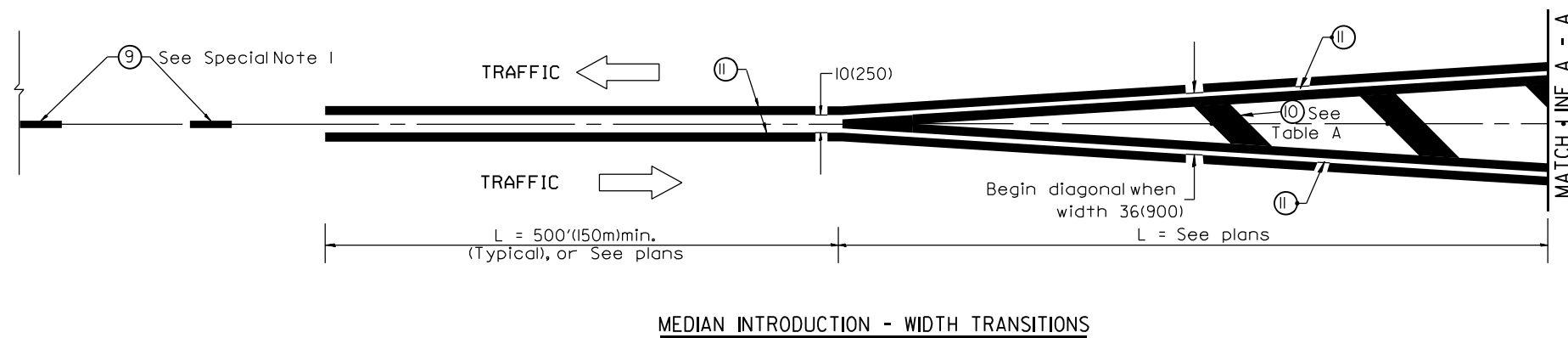
01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-07-97	ADD BIDIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.			693	118-SR	TAZEWELL	37	36
10-97	CORRECT BIDIRECTIONAL DIMENSION	J.A.	07-16-19	SPELLING CORRECTIONS	R.D.			CONTRACT NO. 68H95				
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.						SHT. 10F 2 CADD STD. 780001-D4				
							NOT TO SCALE	ILLINOIS FED. AID PROJECT				



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



All dimensions are in inches (millimeters) unless otherwise noted.