

MODEL: General Notes (Sheet)
FILE NAME: c:\p\work\p\td\slaf\shns\dm\09063114D468xxx-sh-GenNote.dgn

105.06 AVAILABILITY OF ELECTRONIC FILES

CADD files of this project will be made available to the Contractor after contract award. If there is a conflict between the electronic files and the printed contract plans and documents, the printed contract plans and documents shall take precedence over the electronic files. The Contractor shall accept all risk associated with using the electronic files and shall hold the Department harmless for any errors or omissions in the electronic files and the data contained therein. Errors or delays resulting from the use of the electronic files by the Contractor shall not result in an extension of time for any interim or final completion date or shall not be considered cause for additional compensation. The Contractor shall not use, share, or distribute these electronic files except for the purpose of constructing this contract. Any claims by third parties due to use or errors shall be the responsibility of the Contractor. The Contractor shall include this disclaimer with the transfer of these electronic files to any other parties and shall include appropriate language binding them to similar responsibilities.

105.09A PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM

Use one of the following two options.

1. All elevations shown on the plans are established from U.S.G.S. mean sea level datum.
2. All elevations shown refer to U.S.G.S. datum at mean sea level unless otherwise noted.

107.00 COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

202.08 EARTH EXCAVATION - INCIDENTAL TO CURB, GUTTER, & DRIVEWAY

Earth excavation and backfill for proposed curb and gutters and driveway pavements shall be included in the unit cost of the various items.

204.00 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.

406.05 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

406.10 HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Polymer Surface 1.5"	Polymer Binder 2.0"	Poly Shldr Surface 1.5"	Poly Shldr Binder 2"	Shldr Lower Lift 4.5"	Base Course Two 4.5" Lifts
AC/PC:	SBS or SBR 70-28	SBS or SBR 70-28	SBS or SBR 70-28	SBS or SBR 70-28	PG 64-22	PG 64-22
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	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 9.5	IL 9.5	IL 19.0	IL 19.0
Friction Aggregate:	Mix D	N.A.	Mix C	N.A.	N.A.	N.A.
Quality Management:	QCQA	QCQA	QCQA	QCQA	QCQA	QCQA
MTD:	No	No	No	No	No	No

Notes:
1) For design purposes, mixture weight for all mixes is determined to be 112.0 lb./s.y./ln., unless otherwise noted.

406.19 PAVING SURFACE COURSE

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the hot-mix asphalt surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

440.02 SAW CUT - 18" (450 mm) SHOULDER/PAVEMENT REMOVAL - IN-PLACE WHEEL SAW GRINDING PERMITTED

A full depth saw cut shall be required at the joint between the pavement that is to be left in place and the existing shoulder/pavement that is to be removed. The Contractor may have the option of using a wheel saw to grind up the existing shoulder and leave the finely ground pieces on site under the new shoulder and on the foreslope, with the approval of the Engineer. Maximum size of pieces shall be no more than 3" (75 mm). Larger pieces shall be picked up/removed from the jobsite. No additional compensation will be allowed for variations in assumed thickness. This work shall not be paid for separately, but shall be included in the cost of the removal items.

542.00 ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

701.01 ADDITIONAL SUPPLEMENTAL TRAFFIC CONTROL

The Department reserves the right at any time to add additional Traffic Control Systems or devices within the active contract limits, by means of an additional contract. All terms of Article 105.08 of the Standard Specifications shall be followed by each Contractor.

720.00 SIGNING

Sign locations may vary from the stations shown on the plans in accordance with directions from the Engineer at the time of construction. Sign locations may be adjusted in the field to avoid any found utilities.

All wood post locations shall be verified with the Bureau of Operations, Traffic Section, before installation.

PUBLIC LAND SURVEY SYSTEM MONUMENTS

The Resident Engineer shall contact the District Land Aquisition Engineer to coordinate the reestablishment and resetting of Public Land Survey System monuments, including section and quarter section corners, when construction activities necessitate their disturbance or removal.

UNCONFINED HMA JOINTS

The contractor shall joint-trim 6" off all unconfined HMA joints on the surface lifts of pavement. The joint-trimming, shall be at no extra cost to the department.

NO RAP FOR AGGREGATE WEDGE SHOULDER

RAP shall not be used in the construction of the aggregate wedge shoulders

PIPE CULVERTS, CLASS A, TYPE 1 EQ. ROUND SIZE 15"

The Pipe Culverts, Class A, Type 1 Equivalent Round Size 15" shall be reinforced concrete arch pipe culverts



Status of Utilities

Name of Utility Company	Route	FAS 368 (BUS 24)
	Section	(35)N-2
Ameren Illinois	County	Tazewell
Revised 5/14/2026	Contract No.	68H60
	Job No.	C-94-053-23

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
BUS 24	Lt 32'	139+15	Power pole	New sideroad radius	Relocate
BUS 24	Rt 25'	139+15	Power pole	New sideroad radius	Relocate

NOTE: Please check all your facilities within the construction limits of this project.

Name of Utility Company	Route	FAS 368 (BUS 24)
	Section	(35)N-2
Metro Communications	County	Tazewell
Revised 5/14/2026	Contract No.	68H60
	Job No.	C-94-053-23

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
BUS 24	Lt 31'	137+25 to 139+50	Buried Fiber	New sideroad radius / Ditch	Relocate

NOTE: Please check all your facilities within the construction limits of this project.

Name of Utility Company	Route	FAS 368 (BUS 24)
	Section	(35)N-2
Frontier	County	Tazewell
Revised 5/14/2026	Contract No.	68H60
	Job No.	C-94-053-23

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
BUS 24	Lt 30'	137+75 to 139+62	Buried Fiber	New radius & ditch	Relocate
BUS 24	Lt to Rt	139+62	Buried Fiber		Caution
BUS 24	Rt 30'	138+78 to 139+62	Buried Fiber	New radius & ditch	Relocate

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: SHEET OF 1 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	2
CONTRACT NO. 68H60				
ILLINOIS		FED. AID PROJECT		

TAZEWELL

MODEL: Typical Sections (Sheet) - 1
FILE NAME: c:\pwp_work\pwtolafowinski\mm\09063114\0468xxx-sh-SQQ.dgn

				CONSTR. CODE
				0021
				ROADWAY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HSIP-RURAL
				90% FEDERAL
				10% STATE
20200100	EARTH EXCAVATION	CU YD	1288	1288
20800150	TRENCH BACKFILL	CU YD	15	15
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1106	1106
25000750	MOWING	ACRE	4	4
25100630	EROSION CONTROL BLANKET	SQ YD	1106	1106
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	23	23
28000305	TEMPORARY DITCH CHECKS	FOOT	40	40
28000400	PERIMETER EROSION BARRIER	FOOT	747	747
28000500	INLET AND PIPE PROTECTION	EACH	3	3
28100205	STONE RIPRAP, CLASS A3	TON	15	15
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	935	935
31102150	SUBBASE GRANULAR MATERIAL, TYPE C 4 1/2"	SQ YD	309	309
35600712	HOT-MIX ASPHALT BASE COURSE WIDENING, 9"	SQ YD	626	626
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	49	49
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2312	2312

	USER NAME = neil.slowinski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUS 24 & DEE MACK RD SUMMARY OF QUANTITIES			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					368	(35)N-2	TAZEWELL	40	3
		CHECKED -	REVISED -					CONTRACT NO. 68H60				
	PLOT DATE = 6/22/2026	DATE -	REVISED -		SCALE:	SHEET	OF 5	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: Typical Sections (Sheet) - 2
FILE NAME: c:\pwp_work\pwtolafowinski\dm\09063114\468xxx-sh-SQO.dgn

				CONSTR. CODE
				0021
				ROADWAY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HSIP-RURAL
				90% FEDERAL
				10% STATE
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	1714	1714
40603205	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	70	70
40603535	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	53	53
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	20	20
44000100	PAVEMENT REMOVAL	SQ YD	20	20
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	11	11
44004250	PAVED SHOULDER REMOVAL	SQ YD	171	171
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	42	42
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	46	46
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	275	275
50105220	PIPE CULVERT REMOVAL	FOOT	100	100
542A5470	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FOOT	140	140
542D5470	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FOOT	40	40
54214290	END SECTIONS, EQUIVALENT ROUND-SIZE 15"	EACH	4	4
54262815	METAL FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 15"	EACH	2	2

	USER NAME = neil.slowinski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUS 24 & DEE MACK RD SUMMARY OF QUANTITIES			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					368	(35)N-2	TAZEWELL	40	4
		CHECKED -	REVISED -					CONTRACT NO. 68H60				
	PLOT DATE = 6/22/2026	DATE -	REVISED -		SCALE:	SHEET OF 5 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

MODEL: Typical Sections (Sheet) - 3
FILE NAME: c:\pawork\paw\slaw\slowinski\dm\0963114\468xxx-sh-SQ.dgn

					CONSTR. CODE
					0021 ROADWAY
					HSIP-RURAL
					90% FEDERAL
					10% STATE
	66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	11	11
	67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	6	6
	67100100	MOBILIZATION	L SUM	1	1
	70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30	30
	70106700	TEMPORARY RUMBLE STRIPS	EACH	4	4
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	116	116
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	210	210
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	66.1	66.1
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	962	962
	70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	1065	1065
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	92	92
*	72000100	SIGN PANEL - TYPE 1	SQ FT	96	96
*	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	4	4
	73000100	WOOD SIGN SUPPORT	FOOT	224	224

*= SPECIALTY ITEM

	USER NAME	= neil.slowinski	DESIGNED	-	REVISED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUS 24 & DEE MACK RD SUMMARY OF QUANTITIES				F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN	-	REVISED	-						368	(35)N-2	TAZEWELL	40	5
			CHECKED	-	REVISED	-		CONTRACT NO. 68H60								
	PLOT DATE	= 6/22/2026	DATE	-	REVISED	-		SCALE:	SHEET	OF 5	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Typical Sections (Sheet) - 4
FILE NAME: c:\p\p_work\p\tdot\slowinski\dm\09063114D468xxx-sh-SOQ.dgn

				CONSTR. CODE
				0021 ROADWAY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HSIP-RURAL
				90% FEDERAL
				10% STATE
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	962	962
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1065	1065
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	92	92
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	962	962
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1065	1065
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	92	92
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	229	229
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1
* 81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	30	30
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	70	70
* 81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	100	100
* 81603096	UNIT DUCT, 600V, 4-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	110	110
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	300	300
* 82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	2	2

*= SPECIALTY ITEM

	USER NAME = neil.slowinski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUS 24 & DEE MACK RD SUMMARY OF QUANTITIES			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					368	(35)N-2	TAZEWELL	40	6
		CHECKED -	REVISED -					CONTRACT NO. 68H60				
	PLOT DATE = 6/22/2026	DATE -	REVISED -		SCALE:	SHEET	OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Typical Sections (Sheet) - 5
FILE NAME: c:\p\p_work\p\td\slafowinski\mm\09063114\0468xxx-shl-SQO.dgn

*= SPECIALTY ITEM

				CONSTR. CODE
				0021 ROADWAY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HSIP-RURAL
				90% FEDERAL
				10% STATE
* 82500310	LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 60AMP	EACH	1	1
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	250	250
* 87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	1	1
* 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21	21
* 88040410	SIGNAL HEAD, POLYCARBONATE, LED, 4-FACE, 1-SECTION, MAST ARM MOUNTED	EACH	1	1
* 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	4	4
* X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	4	4
* X1400175	SOLAR-POWERED FLASHING BEACON ASSEMBLY (DUAL-ALTERNATING)	EACH	4	4
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1

	USER NAME = neil.slowinski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUS 24 & DEE MACK RD SUMMARY OF QUANTITIES			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					368	(35)N-2	TAZEWELL	40	7
		CHECKED -	REVISED -					CONTRACT NO. 68H60				
	PLOT DATE = 6/22/2026	DATE -	REVISED -		SCALE:	SHEET	OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Schedule [Sheet] - 1
FILE NAME: c:\paw_work\paw\olaf\olaf\olaf\ins\dm\09063114D468xxcsh-schedule.dgn

JOBSITE TABLE										
LOCATION	25000750	66600105	67100100	67000500	70100500	70103815	70106700	70107025	X7010216	Z0013798
	MOWING	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	MOBILIZATION	ENGINEER'S FIELD OFFICE, TYPE B	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	TRAFFIC CONTROL SURVEILLANCE	TEMPORARY RUMBLE STRIPS	CHANGEABLE MESSAGE SIGN	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	CONSTRUCTION LAYOUT
	ACRES	EACH	L SUM	CAL MO	L SUM	CAL DAY	EACH	CAL DAY	L SUM	LSUM
JOBSITE	4.00	11.00	1.0	6.0	1.0	30.0	4.0	116.0	1.0	1.0
GRAND TOTAL	4.00	11.00	1.0	6.0	1.0	30.0	4.0	116.0	1.0	1.0

DRAINAGE SCHEDULE													
LOCATION				50105220	54262815	542D5470	54214290	542A5470	28100205		20800150		
				PIPE CULVERT REMOVAL	METAL FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 15"	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 15"	END SECTIONS, EQUIVALENT ROUND-SIZE 15"	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 15"	STONE RIPRAP, CLASS A3		TRENCH BACKFILL		
				FOOT	EACH	FOOT	EACH	FOOT	AREA (SQ FT)	TONS	FT x (H x W-A) = CU FT		CU. YD.
Dee Mack Rd													
LT	9+45.17						2	70.0			18.8*((2.77*4.18)-1.42) = 190.9	7.1	
LT	9+49.61						2	70.0			21.5*((2.70*4.18)-1.42) = 212.2	7.9	
LT	9+47.4								143.0	4.0			
RT	9+47.4								190.0	5.3			
LT/RT.	9+78			75.0									
LT	10+60			25.0									
LT	11+88	TO	12+24		2	40.0			192.0	5.3			
SUBTOTAL				100.0	2.0	40.0	4.0	140.0		14.6		14.9	
GRAND TOTAL				100.0	2.0	40.0	4.0	140.0		15.0		15.0	

EARTHWORK							
LOCATION				20200100	Adjusted for 25% Shrinkage	EMBANKMENT (FILL)	EARTHWORK WASTE
				EARTH EXCAVATION			
				(Cu Yd)			
BUS 24							
STA.	136+96.0	TO	137+00.0	0.6	0.5	0.0	0.5
STA.	137+00.0	TO	137+25.0	10.3	7.7	1.7	6.0
STA.	137+25.0	TO	137+50.0	19.9	14.9	3.9	11.0
STA.	137+50.0	TO	137+75.0	29.8	22.4	4.1	18.3
STA.	137+75.0	TO	138+00.0	47.6	35.7	2.7	33.0
STA.	138+00.0	TO	138+25.0	103.3	77.5	1.2	76.3
STA.	138+25.0	TO	138+50.0	174.8	131.1	0.3	130.8
STA.	138+50.0	TO	138+75.0	101.0	75.8	0.0	75.8
STA.	138+75.0	TO	139+00.0	61.4	46.1	6.1	40.0
STA.	139+00.0	TO	139+25.0	86.9	65.2	7.4	57.8
STA.	139+25.0	TO	139+50.0	33.0	24.8	2.7	22.1
STA.	139+50.0	TO	139+75.0	16.9	12.7	3.4	9.3
STA.	139+75.0	TO	140+00.0	15.1	11.3	3.1	8.2
STA.	140+00.0	TO	140+25.0	9.8	7.4	1.5	5.9
STA.	140+25.0	TO	140+29.0	1.2	0.9	0.1	0.8
DEE MACK RD							
STA.	08+46.0	TO	08+50.0	0.1	0.1	0.0	0.1
STA.	08+50.0	TO	08+79.0	2.7	2.0	0.0	2.0
STA.	08+79.0	TO	09+00.0	9.7	7.3	0.0	7.3
STA.	09+00.0	TO	09+45.0	157.4	118.1	3.3	114.8
STA.	09+45.0	TO	09+50.0	30.0	22.5	0.7	21.8
STA.	09+50.0	TO	10+00.0	155.7	116.8	3.9	112.9
STA.	10+00.0	TO	10+50.0	86.0	64.5	0.1	64.4
STA.	10+50.0	TO	11+00.0	100.2	75.2	6.1	69.1
STA.	11+00.0	TO	11+50.0	24.1	18.1	10.3	7.8
STA.	11+50.0	TO	11+54.0	1.5	1.1	0.7	0.4
STA.	11+54.0	TO	12+00.0	9.1	6.8	22.4	-15.6
SUBTOTAL				1288.1	966.5	85.7	880.5
GRAND TOTAL				1288.0	967.0	86.0	881.0

REMOVAL SCHEDULE													
LOCATION					44000100		44004250		44000200		44201759		
					PAVEMENT REMOVAL		PAVED SHOULDER REMOVAL		DRIVEWAY PAVEMENT REMOVAL		CLASS D PATCHES, TYPE IV, 9 INCH		
					SQ FT	SQ YD	SQ FT	SQ YD	SQ FT	SQ YD	LENGTH	WIDTH	SQ YD
BUS 24											(FOOT)	(FOOT)	
LT	STA.	137+12	TO	137+53	41.2	4.6							
LT	STA.	137+12	TO	138+57			331.0	36.8					
RT	STA.	137+96	TO	138+09	12.2	1.4							
RT	STA.	137+96	TO	138+57			188.4	20.9					
LT	STA.	138+84	TO	139+47			414.0	46.0					
LT	STA.	139+33	TO	139+47	13.7	1.5							
RT	STA.	138+80	TO	140+29			596.2	66.2					
RT	STA.	139+90	TO	140+29	37.6	4.2							
DEE MACK RD													
LT	STA.	8+46	TO	8+83	38.7	4.3							
LT	STA.	8+46	TO	9+08					99.6	11.1	3.0	61.7-54.2	19.3
LT/RT	STA.	9+43		9+53							7.8	26.0	22.6
LT	STA.	10+58	TO	10+70			11.3	1.3					
RT	STA.	11+17	TO	11+54	37.1	4.1							
SUBTOTAL						20.1		171.2		11.1			41.9
TOTAL						20.0		171.0		11.0			42.0

SHORT TERM PAVEMENT MARKING TABLE											
LOCATION			70300100				70300150				
			SHORT TERM PAVEMENT MARKING				SHORT TERM PAVEMENT MARKING REMOVAL				
								CENTERLINE	EDGE-LINE	STOP BAR	TOTAL
								YELLOW	WHITE	WHITE	
			SOLID	SOLID	SOLID						
			LENGTH (FT)	LENGTH (FT)	LENGTH(FT)	FOOT	SQ. FT.				
BUS 24 (EUREKA ROAD)											
STA.	136+96.0	TO	138+29.0	266.0		26.6	8.8				
STA.	139+13.1	TO	140+36.0	246.0		24.6	8.1				
STA.	136+96.0	TO	138+60.0		270.9	5.4	1.8				
STA.	138+82.9	TO	140+36.0		260.8	5.2	1.7				
STA.	138+29.0	TO	138+29.8		24.0	24.0	7.9				
STA.	139+13.1	TO	139+19.7		22.0	22.0	7.3				
CH 6 (Dee Mack Road)											
STA.	08+46.0	TO	09+58.0	224.0		22.4	4.4				
STA.	10+41.3	TO	11+54.0	226.0		22.6	4.4				
STA.	08+46.0	TO	09+87.7		261.8	5.4	4.4				
STA.	10+09.9	TO	11+54.0		271.3	5.4	4.4				
STA.	09+57.9	TO	09+53.7		22.0	22.0	4.4				
STA.	10+41.3	TO	10+44.9		24.0	24.0	4.4				
SUBTOTAL			962.0	1064.9	92.0	209.7	4.4				
GRAND TOTAL						210.0	66.1				

PAVING SCHEDULE														
				35600712	40800050	40603535	40603205	48203029	40600295	40600275	40200800		30300112	31102150
LOCATION				HMA BASE COURSE WIDENING, 9"	INCIDENTAL HMA SURFACING	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	HMA SHOULDERS, 8"	POLY. BIT. MATERIALS (TACK COAT)	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE SURFACE COURSE, TYPE B		AGGREGATE SUBGRADE IMPROVEMENT, 12"	SUBBASE GRANULAR MATERIAL, TYPE C 4 1/2"
						1.5"	2"		0.08 LB/SQ FT	0.25 LB/SQ FT				
						SQ. YD.	TON		TON	TON				
LT. BUS 24														
STA.	137+12.0	TO	138+58.0	142.2		11.9	15.9	74.5	406.7	535.4			225.9	83.6
STA.	138+83.4	TO	139+47.1	158.0		13.3	17.7	74.6	442.1	572.5			241.8	83.8
RT. BUS 24														
STA.	137+96.3	TO	138+58.7	148.1		12.4	16.6	49.3	401.5	492.1			203.4	55.3
STA.	138+80.5	TO	140+28.9	178.0		15.0	19.9	76.7	463.9	598.3			264.0	86.1
DEE MACK RD														
STA.	08+53.0	TO	09+03.1		19.5					113.8				
STA.	11+76.0	TO	12+35.6								1,045.2	49.0		
SUBTOTAL				626.3	19.5	52.6	70.1	275.1	1,714.2	2,312.1		49.0	935.1	308.8
GRAND TOTAL				626.0	20.0	53.0	70.0	275.0	1,714.0	2,312.0		49.0	935.0	309.0

USER NAME	= neil.slowsinski		DESIGNED	-	REVISED	-
			DRAWN	-	REVISED	-
			CHECKED	-	REVISED	-
	PLOT DATE = 6/16/2026		DATE	-	REVISED	-

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUS 24 & DEE MACK RD SCHEDULE OF QUANTITIES					F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
							368	(35)N-2	TAZEWELL	40	8
		SCALE:		SHEET	OF 2	SHEETS	STA.	TO STA.	CONTRACT NO. 68H60		
								ILLINOIS	FED. AID PROJECT		

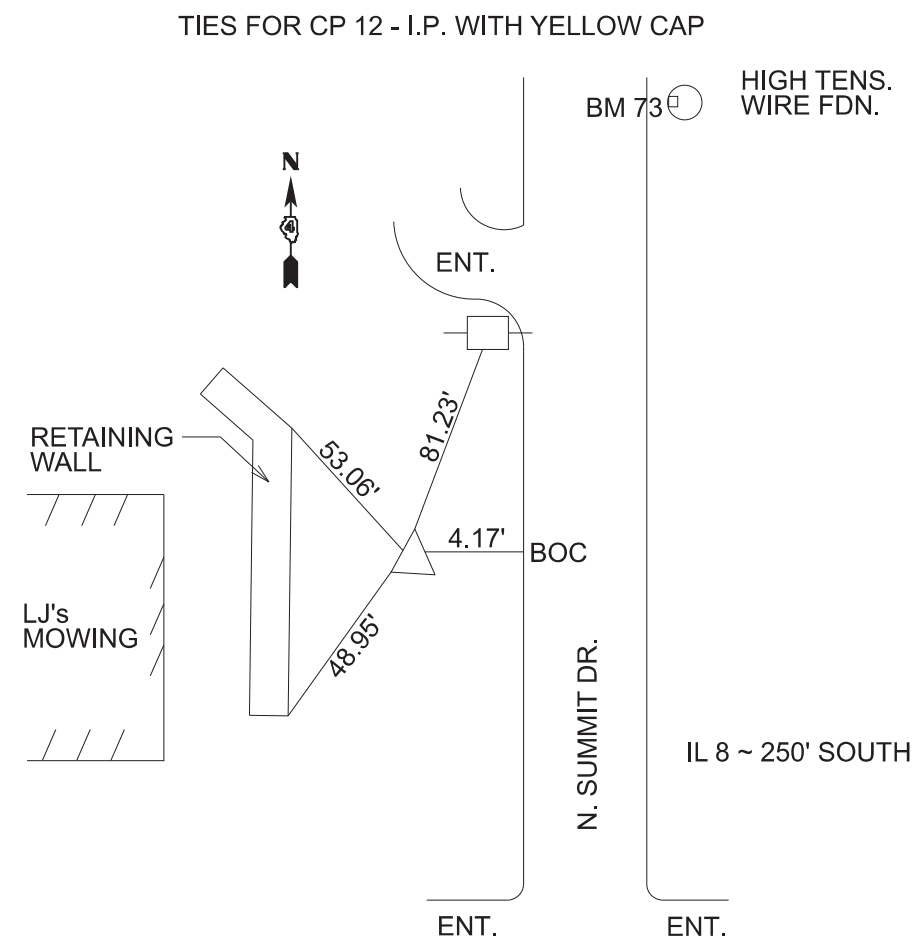
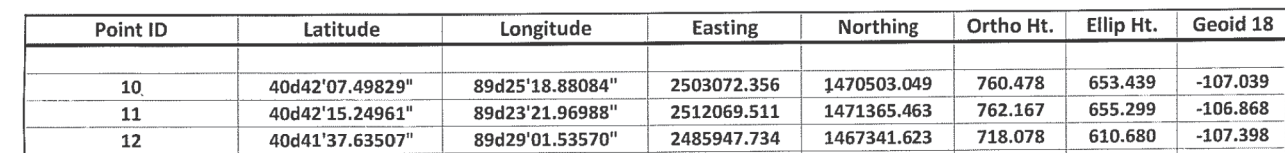
AGGREGATE WEDGE SHOULDER SCHEDULE							
LOCATION					LENGTH	WIDTH	48102100
							AGGREGATE WEDGE SHOULDER, TYPE B
LT. BUS 24							
STA.	137+12.0	TO	138+58.0	164.8	2.0	12.5	
STA.	138+83.4	TO	139+47.1	164.9	2.0	12.5	
RT. BUS 24							
STA.	137+96.3	TO	138+48.0	109.1	2.0	8.3	
STA.	138+82.4	TO	140+28.9	169.5	2.0	12.9	
SUBTOTAL							46.2
GRAND TOTAL							46.0

SIGNING TABLE									
LOCATION				72400200	73000100	72000100	X0326899	X1400175	
				REMOVE SIGN PANEL ASSEMBLY - TYPE B	WOOD SIGN SUPPORT	SIGN PANEL, TYPE 1	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	SOLAR-POWERED FLASHING BEACON ASSEMBLY (DUAL- ALTERNATING)	
				EACH	FOOT	SQ FT	EACH	EACH	
BUS 24									
LT	STA.	132+50.0	W3-1		13.5	2.3			
RT	STA.	132+50.0	W3-1		13.5	2.3		1.0	
LT	STA.	138+25.0	R1-1 & R1-3P		14.5	9.8			
RT	STA.	138+25.0	R1-1 & R1-3P		14.5	9.8	1.0		
LT	STA.	139+20.0	R1-1 & R1-3P		14.5	9.8	1.0		
RT	STA.	139+20.0	R1-1 & R1-3P		14.5	9.8			
LT	STA.	144+15.0	W3-1		13.5	2.3		1.0	
RT	STA.	144+15.0	W3-1		13.5	2.3			
DEE MACK RD									
LT	STA.	1+72.0	W3-1		13.5	2.3			
RT	STA.	1+72.0	W3-1		13.5	2.3		1.0	
LT	STA.	09+54.0	R1-1 & R1-3P	1.0	14.5	9.8			
RT	STA.	09+54.0	R1-1 & R1-3P	1.0	14.5	9.8	1.0		
LT	STA.	10+45.0	R1-1 & R1-3P	1.0	14.5	9.8	1.0		
RT	STA.	10+45.0	R1-1 & R1-3P	1.0	14.5	9.8			
LT	STA.	17+37.0	W3-1		13.5	2.3		1.0	
RT	STA.	17+37.0	W3-1		13.5	2.3			
SUBTOTAL				4.0	224.0	96.0	4.0	4.0	
GRAND TOTAL				4.0	224.0	96.0	4.0	4.0	

PAVEMENT MARKING TABLE												
LOCATION			78009004	70300221	78011025	78009006	70300241	78011035	78009024	70300281	78011125	78300202
			MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (CL - DOUBLE YELLOW)	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	GROOVING FOR RECESSED PAVEMENT MARKING 5"	MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE EDGLINE)	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	GROOVING FOR RECESSED PAVEMENT MARKING 7"	MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (STOP BARS)	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	GROOVING FOR RECESSED PAVEMENT MARKING 25"	PAVEMENT MARKING REMOVAL-WATER BLASTING (EXIST. EDGLINE/NO PASSING ZONE ,SKIP-DASH/2S TOP BARS)
			YELLOW	YELLOW	YELLOW	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	
			SOLID/SKIP-DASH	SOLID/SKIP-DASH	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	SOLID	
			FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
BUS 24 (Eureka Road)												
STA. 136+96.0	TO	138+29.0	266.0	266.0	266.0							
STA. 139+13.1	TO	140+36.0	246.0	246.0	246.0							
STA. 138+29.0	TO	138+29.8							24.0	24.0	24.0	
STA. 139+13.1	TO	139+19.7							22.0	22.0	22.0	
STA. 136+96.0	TO	138+60.0				270.9	270.9	270.9				34.7
STA. 138+82.9	TO	140+36.0				260.8	260.8	260.8				29.0
STA. 136+96.0	TO	140+36.0										45.0
CH6 (Dee Mack Road)												
STA. 08+46.0	TO	09+58.0	224.0	224.0	224.0							
STA. 10+41.3	TO	11+54.0	226.0	226.0	226.0							
STA. 09+57.9	TO	09+53.7							22.0	22.0	22.0	24.0
STA. 10+41.3	TO	10+44.9							24.0	24.0	24.0	22.0
STA. 08+46.0	TO	09+87.7				261.8	261.8	261.8				27.7
STA. 10+09.9	TO	11+54.0				271.3	271.3	271.3				47.0
SUBTOTAL			962.0	962.0	962.0	1064.9	1064.9	1064.9	92.0	92.0	92.0	229.3
GRAND TOTAL			962.0	962.0	962.0	1065.0	1065.0	1065.0	92.0	92.0	92.0	229.0

SEEDING SCHEDULE											
LOCATION					28000400	28000305		28000500	25100630	28000250	21101615
					PERIMETER EROSION BARRIER	TEMPORARY DITCH CHECKS		INLET AND PIPE PROTECTION	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING	TOPSOIL FURNISH AND PLACE, 4"
					FOOT	# (10' EACH)	FOOT	EACH	SQ. YD.	POUND	SQ YD
BUS 24											
LT	STA.	136+84.0	TO	138+39.1	170.0	1	10				
LT	STA.	137+12.0	TO	138+52.2					223.5	4.6	223.5
LT	STA.	139+01.2	TO	139+54.5	156.0	1	10				
LT	STA.	138+89.4	TO	139+47.1					119.3	2.5	119.3
RT	STA.	136+79.0	TO	138+38.5	195.0			2			
RT	STA.	136+96.3	TO	138+48.2					353.2	7.3	353.2
RT	STA.	138+88.6	TO	140+99.9	226.0	1	10				
RT	STA.	138+88.4	TO	140+99.9					333.6	6.9	333.6
DEE MACK RD											
LT	STA.	11+74.3	TO	12+41.3		1	10	1	76.0	1.6	76.0
SUBTOTAL					747.0		40.0	3.0	1105.5	22.8	1105.5
TOTAL					747.0		40.0	3.0	1106.0	23.0	1106.0

	USER NAME = neil.slowinski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUS 24 & DEE MACK RD SCHEDULE OF QUANTITIES			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -					368	(35)N-2	TAZEWELL	40	9	
		CHECKED -	REVISED -				CONTRACT NO. 68H60						
	PLOT DATE = 6/22/2026	DATE -	REVISED -		SCALE:	SHEET OF 2 SHEETS	STA. TO STA.						





- ① PCC PAVEMENT 9" - 6" - 9"
- ② 6" CRUSHED STONE
- ③ 14" CRUSHED STONE WIDENING
- ④ 7" BITUMINOUS SHOULDER
- ⑤ HMA OVERLAY
- ⑥ 2 1/4" BINDER COURSE
- ⑦ 1 1/2" SURFACE COURSE
- ⑧ 11 1/4" HMA SHOULDER
- ⑨ 3' AGGREGATE SHOULDER



STA. 132+49.31 TO STA. 144+13.79

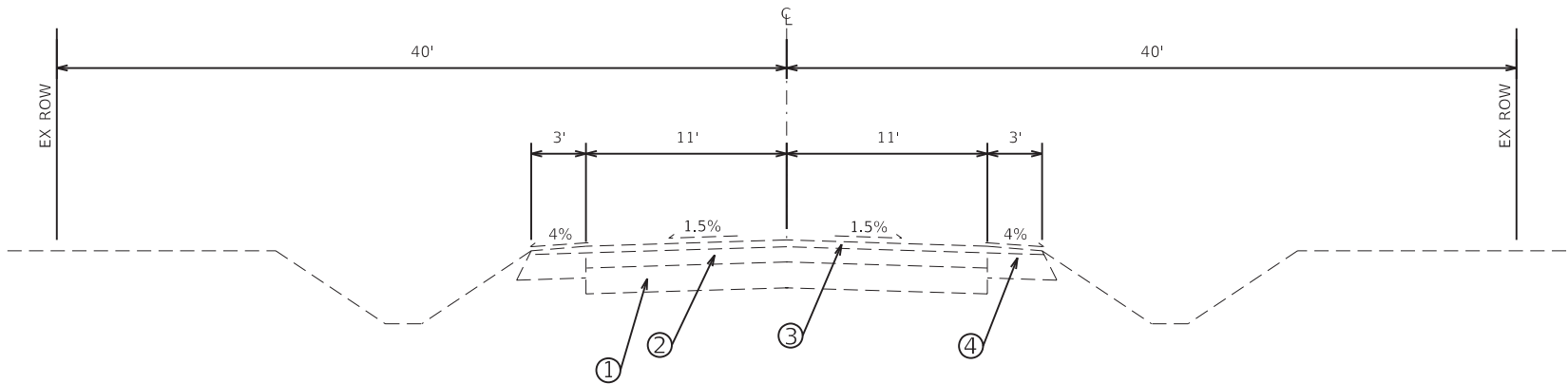
(A)	PAVED SHOULDER REMOVAL
(B)	PAVEMENT REMOVAL
(C)	AGGREGATE SUBGRADE IMPROVEMENT, 12"
(D)	HMA BASE COURSE WIDENING, 9"
(E)	POLY. HMA BINDER COURSE, IL-9.5, N50, (2")
(F)	POLY. HMA SURFACE COURSE, MIX D, N50, (1.5")
(G)	HMA SHOULDERS, 8"
(H)	AGGREGATE WEDGE SHOULDER, TYPE B
(J)	TOPSOIL FURNISH AND PLACE, 4"
(I)	SUB-BASE GRANULAR MATERIAL, TYPE C
(K)	MODIFIED URETHANE PAVEMENT MARKING 6"
(L)	MODIFIED URETHANE PAVEMENT MARKING 4"

* LT STA. 137+11.98 to 137+53.22 & 139+33.37 to 139+47.03 RT STA. 137+96.32 to 138+08.51 & 139+90.13 to 140+28.92

	USER NAME = neil.slowinski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUS 24 (EUREKA ROAD) TYPICAL SECTIONS			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					368	(35)N-2	TAZEWELL	40	11
		CHECKED -	REVISED -				CONTRACT NO. 68H60		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 5/18/2026	DATE -	REVISED -		SCALE:	SHEET OF 2 SHEETS	STA. TO STA.					

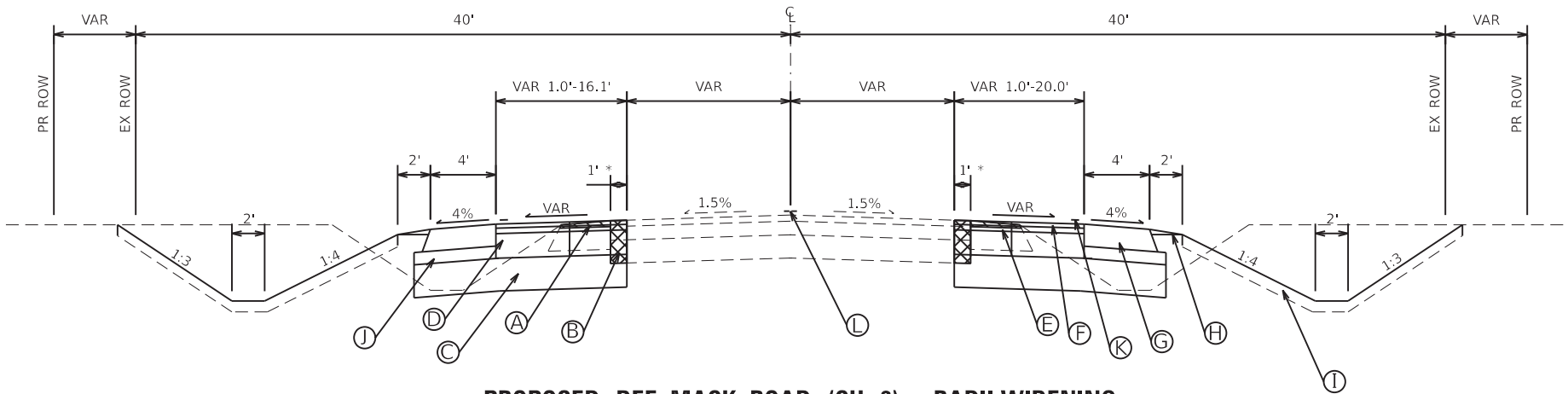
TAZEWELL

MODEL: Typical Sections [Sheet] - 1
FILE NAME: c:\pw work\pwt\dot\slow\lnsk\hnm\d0963114\ID468H60-sh1-typical.dgn



EXISTING DEE MACK ROAD (CH 6) – ON TANGENT

- EXISTING LEGEND
- ① 8.5" AGGREGATE BASE
 - ② 5" HMA SURFACE
 - ③ HMA SURFACE COURSE 2 1/2"
 - ④ AGGREGATE SHOULDER



PROPOSED DEE MACK ROAD (CH 6) – RADII WIDENING

STA. 8+46.16 TO STA. 12+37.26

- PROPOSED LEGEND
- Ⓐ PAVED SHOULDER REMOVAL
 - Ⓑ PAVEMENT REMOVAL
 - Ⓒ AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - Ⓓ HMA BASE COURSE WIDENING, 9"
 - Ⓔ POLY. HMA BINDER COURSE, IL-9.5, N50, (2")
 - Ⓕ POLY. HMA SURFACE COURSE, MIX D, N50, (1.5")
 - Ⓖ HMA SHOULDERS, 8"
 - Ⓗ AGGREGATE WEDGE SHOULDER, TYPE B
 - Ⓘ TOPSOIL FURNISH AND PLACE, 4"
 - Ⓣ SUB-BASE GRANULAR MATERIAL, TYPE C
 - Ⓚ MODIFIED URETHANE PAVEMENT MARKING 6"
 - Ⓛ MODIFIED URETHANE PAVEMENT MARKING 4"

* LT STA. 8+46.16 to 8+83.07 & 10+58.71 to 10+69.94 RT STA. 9+24.29 to 9+88.31 & 11+16.81 to 11+53.86

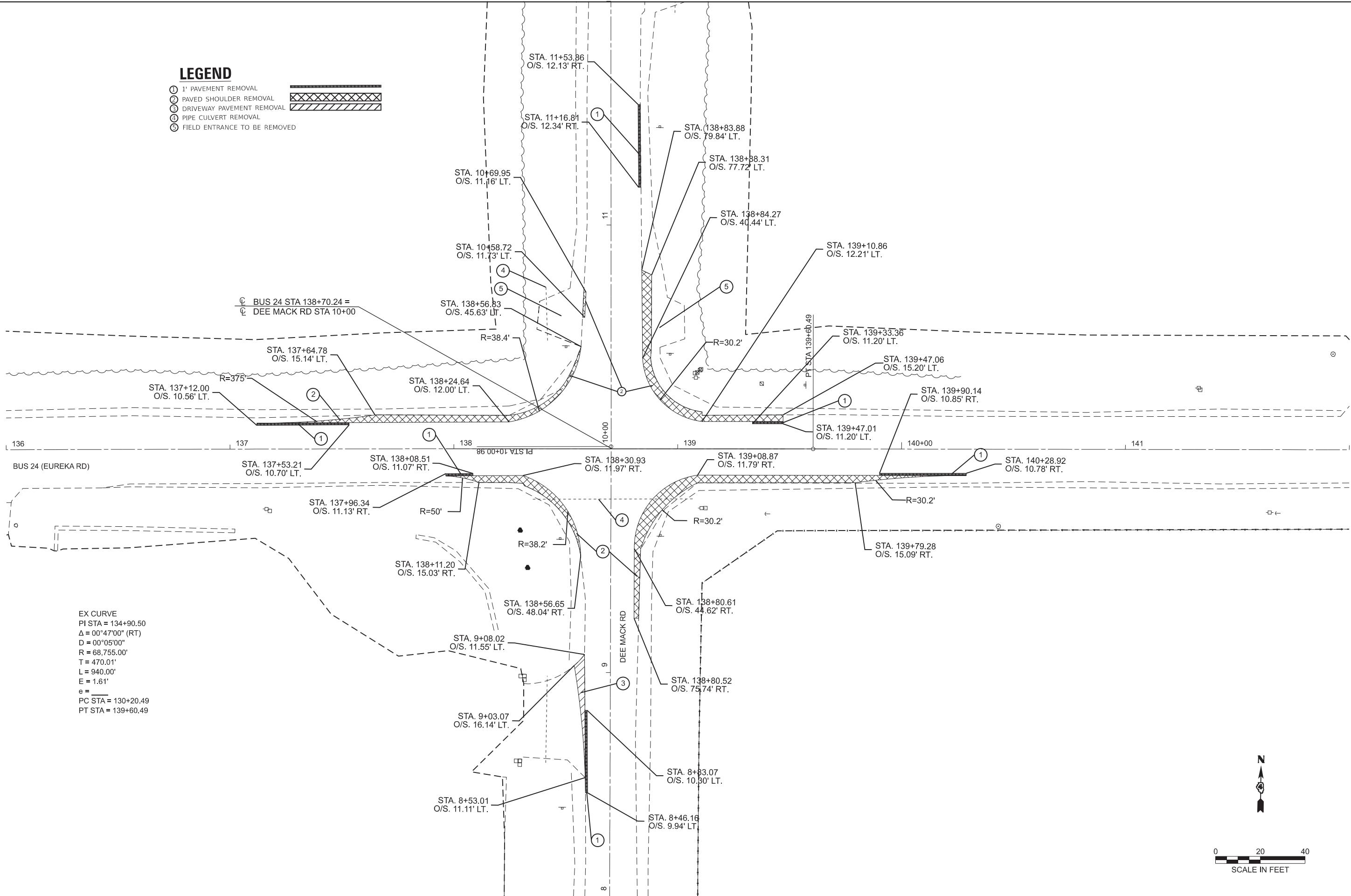
MODEL: Typical Sections (Sheet) - 2
FILE NAME: c:\pawork\pawork\slowinski\dm\096311\4D46H60-shr-hypba.dgn

	USER NAME = neil.slowinski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEE MACK ROAD TYPICAL SECTIONS		F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				368	(35)N-2	TAZEWELL	40	12
		CHECKED -	REVISED -				CONTRACT NO. 68H60				
	PLOT DATE = 5/18/2026	DATE -	REVISED -		SCALE:	SHEET OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

TAZEWELL

LEGEND

- 1' PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PIPE CULVERT REMOVAL
- FIELD ENTRANCE TO BE REMOVED



EX CURVE
PI STA = 134+90.50
Δ = 00°47'00" (RT)
D = 00°05'00"
R = 68,755.00'
T = 470.01'
L = 940.00'
E = 1.61'
e = _____
PC STA = 130+20.49
PT STA = 139+60.49

MODEL: Ex_Bus24 - Removal [Sheet]
FILE NAME: c:\pawork\pawork\slowinski\m\096311\4D468H60-shr+Removal.dgn

USER NAME	= neil.slowinski	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/2/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

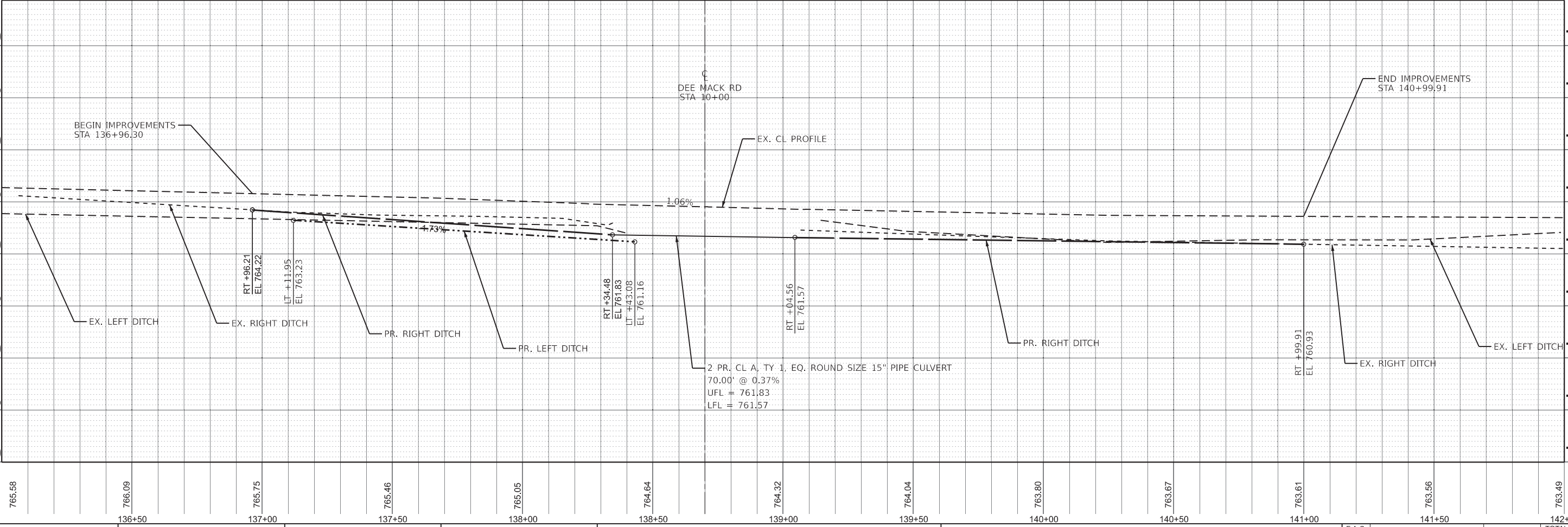
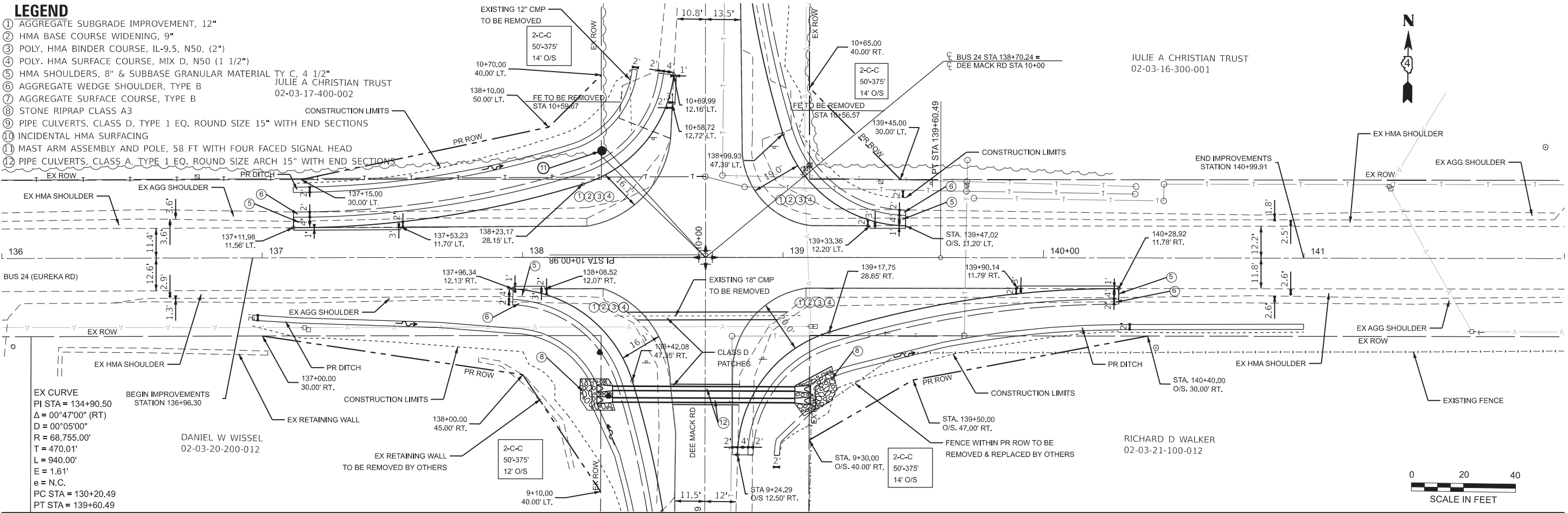
BUS 24 (EUREKA RD) & DEE MACK RD REMOVAL PLANS			
SCALE: 1"=20'	SHEET 1	OF 1	SHEETS
STA. 136+00.00		TO STA. 142+00.00	

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	13
CONTRACT NO. 68H60				
ILLINOIS		FED. AID PROJECT		

TAZEWELL

LEGEND

- 1 AGGREGATE SUBGRADE IMPROVEMENT, 12"
- 2 HMA BASE COURSE WIDENING, 9"
- 3 POLY. HMA BINDER COURSE, IL-9.5, N50, (2")
- 4 POLY. HMA SURFACE COURSE, MIX D, N50 (1 1/2")
- 5 HMA SHOULDERS, 8" & SUBBASE GRANULAR MATERIAL TY C, 4 1/2"
- 6 AGGREGATE WEDGE SHOULDER, TYPE B
- 7 AGGREGATE SURFACE COURSE, TYPE B
- 8 STONE RIPRAP CLASS A3
- 9 PIPE CULVERTS, CLASS D, TYPE 1 EQ. ROUND SIZE 15" WITH END SECTIONS
- 10 INCIDENTAL HMA SURFACING
- 11 MAST ARM ASSEMBLY AND POLE, 58 FT WITH FOUR FACED SIGNAL HEAD
- 12 PIPE CULVERTS, CLASS A, TYPE 1 EQ. ROUND SIZE ARCH 15" WITH END SECTIONS



USER NAME = neil.slowski				DESIGNED -				REVISED -			
				DRAWN -				REVISED -			
				CHECKED -				REVISED -			
PLOT DATE = 6/3/2026				DATE -				REVISED -			

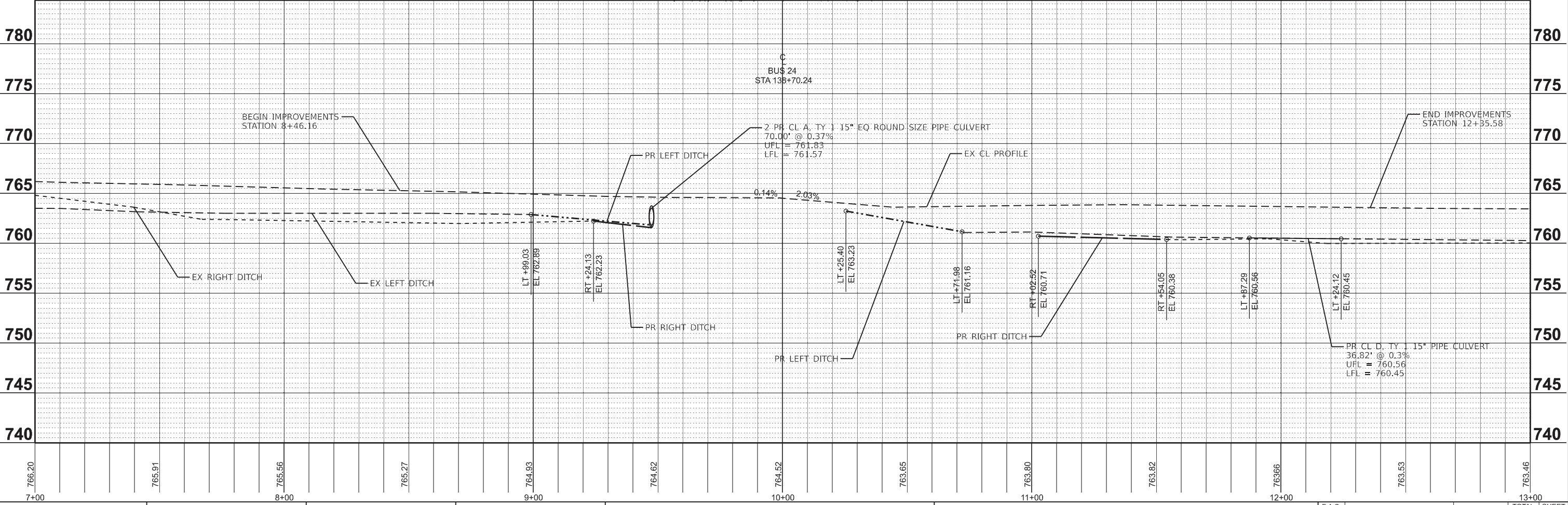
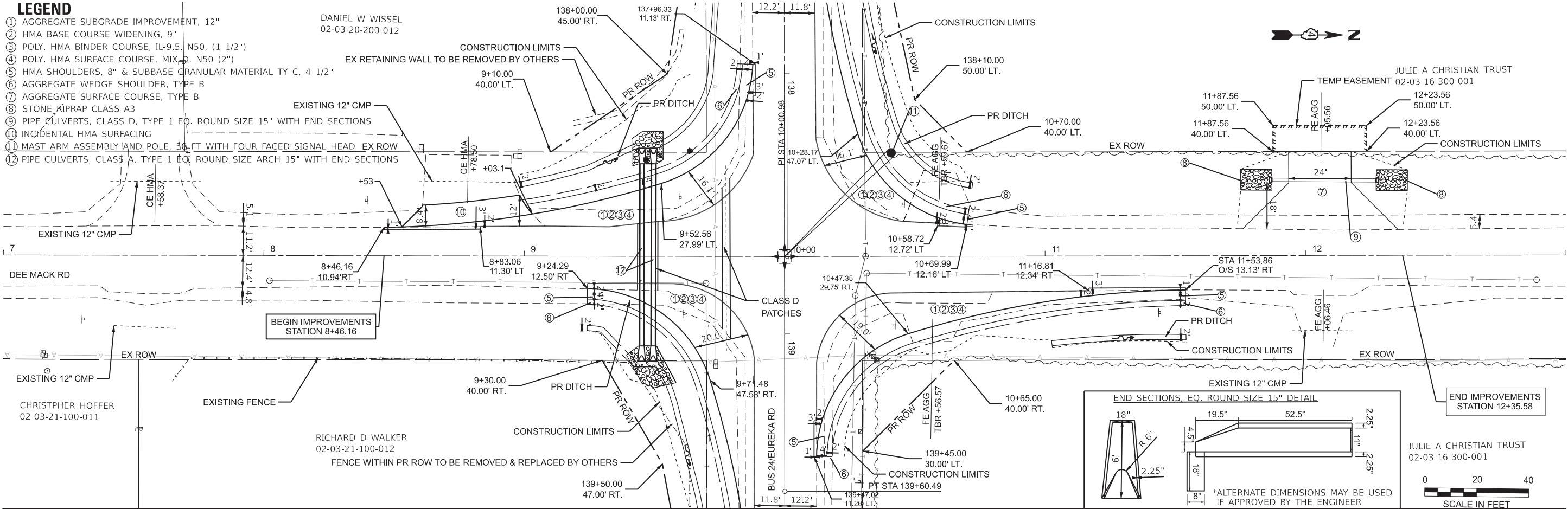
STATE OF ILLINOIS				PLAN AND PROFILE				F.A.S			
DEPARTMENT OF TRANSPORTATION				BUS 24 (EUREKA ROAD)				RTE.			
				SCALE: 1"=20'				SECTION			
				SHEET OF 2 SHEETS				COUNTY			
				STA. 136+00.00 TO STA. 142+00.00				TAZEWELL			
								CONTRACT NO. 68H60			
								TOTAL SHEETS			
								SHEET NO.			
								40			
								14			

MODEL: EXCL_BUS24 - Plan 2 (Sheet)
FILE NAME: c:\pwworking\jwd\old\slowski\dm\09063114D468H60-shp-planproj.dgn

LEGEND

- 1 AGGREGATE SUBGRADE IMPROVEMENT, 12"
- 2 HMA BASE COURSE WIDENING, 9"
- 3 POLY. HMA BINDER COURSE, IL-9.5, N50, (1 1/2")
- 4 POLY. HMA SURFACE COURSE, MIX D, N50 (2")
- 5 HMA SHOULDERS, 8" & SUBBASE GRANULAR MATERIAL TY C, 4 1/2"
- 6 AGGREGATE WEDGE SHOULDER, TYPE B
- 7 AGGREGATE SURFACE COURSE, TYPE B
- 8 STONE RIPRAP CLASS A3
- 9 PIPE CULVERTS, CLASS D, TYPE 1 EQ. ROUND SIZE 15" WITH END SECTIONS
- 10 INCIDENTAL HMA SURFACING
- 11 MAST ARM ASSEMBLY AND POLE, 58 FT WITH FOUR FACED SIGNAL HEAD EX ROW
- 12 PIPE CULVERTS, CLASS A, TYPE 1 EQ. ROUND SIZE ARCH 15" WITH END SECTIONS

DANIEL W WISSEL
02-03-20-200-012



MODEL: EXCL_DEEMACK-DIMAC-1 [Sheet]
FILE NAME: c:\p\work\dwg\slowinski\dm0063114\46860-shp-planprof.dgn

USER NAME	= neil.slowinski	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/17/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
DEE MACK RD

SCALE: 1"=20' SHEET OF 2 SHEETS STA. 7+00.00 TO STA. 13+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	15
CONTRACT NO. 68H60				
ILLINOIS FED. AID PROJECT				

TAZEWELL

CONSTRUCTION SEQUENCE

1. SET UP ROAD CLOSURE FOR SOUTH LEG OF DEE MACK RD
2. INSTALL EROSION CONTROL MEASURES ON SOUTH SIDE OF INTERSECTION
3. INSTALL EQUIVALENT ROUND SIZE 18" PIPE CULVERTS, END SECTIONS & RIPRAP ALONG DEE MACK RD. PATCH PAVEMENT
4. REMOVE EXISTING 18" CMP ALONG DEE MACK RD. PATCH PAVEMENT
5. REMOVE PAVEMENT & SHOULDERS ALONG SOUTH RADII, INSTALL AGGREGATE SUBGRADE IMPROVEMENT, PAVE BASE COURSE, BINDER COURSE, AND SURFACE COURSE
6. PAVE HMA SHOULDERS AND INCIDENTAL HMA SURFACING. INSTALL AGGREGATE WEDGE SHOULDERS. GRADE SLOPES AND DITCHES
7. PLACE TOPSOIL, EROSION CONTROL BLANKET, & SEED ON THE SOUTH SIDE OF THE INTERSECTION.
8. MOVE ROAD CLOSURE TO NORTH LEG OF DEE MACK RD
9. INSTALL EROSION CONTROL MEASURES ON NORTH SIDE OF INTERSECTION
10. CONSTRUCT PROPOSED FIELD ENTRANCE, INSTALL EQUIVALENT ROUND SIZE 15" PIPE CULVERT, END SECTION, RIPRAP & AGGREGATE SURFACE COURSE ON DEE MACK RD STA. 12+05
11. REMOVE FIELD ENTRANCES ON DEE MACK RD STA. 10+57 & 10+60
12. REMOVE PAVEMENT & SHOULDERS ALONG NORTH RADII, INSTALL AGGREGATE SUBGRADE IMPROVEMENT, PAVE BASE COURSE, BINDER COURSE, AND SURFACE COURSE
13. PAVE HMA SHOULDERS AND INCIDENTAL HMA SURFACING. INSTALL AGGREGATE WEDGE SHOULDERS. GRADE SLOPES AND DITCHES
14. INSTALL MAST ARM AND SIGNAL HEAD, SIGNING, & PAVEMENT MARKING
15. PLACE TOPSOIL, EROSION CONTROL BLANKET, & SEED ON THE NORTH SIDE OF THE INTERSECTION



LEGEND

- = TY 3 BARRICADE
- = SIGN



MODEL: South Leg Closure AND Con Sequence (Sheet)
FILE NAME: c:\p\work\p\work\slowinski\m\0906311\ID468H60_TC.dgn

USER NAME	= neil.slowinski	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 5/18/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

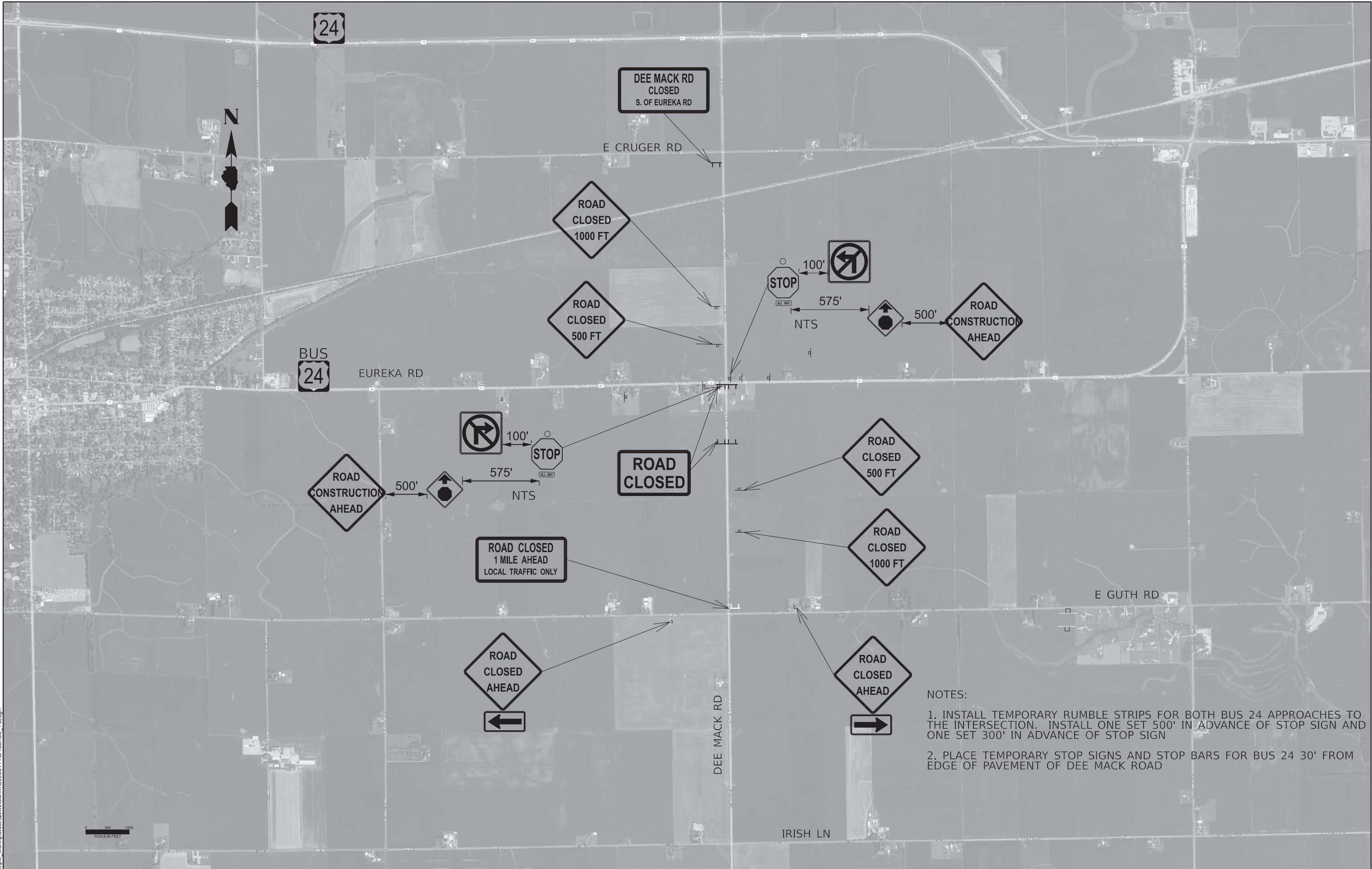
CONSTRUCTION SEQUENCE & SOUTH LEG CLOSURE

SCALE: SHEET 001 OF 3 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	16
CONTRACT NO. 68H60				
ILLINOIS FED. AID PROJECT				

TAZEWELL

MODEL: South Leg Closure-1 [Sheet]
FILE NAME: c:\p\work\kwl\sl\slowinski\m\09063114D468H60_TC.dgn



- NOTES:
1. INSTALL TEMPORARY RUMBLE STRIPS FOR BOTH BUS 24 APPROACHES TO THE INTERSECTION. INSTALL ONE SET 500' IN ADVANCE OF STOP SIGN AND ONE SET 300' IN ADVANCE OF STOP SIGN
 2. PLACE TEMPORARY STOP SIGNS AND STOP BARS FOR BUS 24 30' FROM EDGE OF PAVEMENT OF DEE MACK ROAD

USER NAME	= neil.slowinski	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 5/18/2026	DATE	-	REVISED	-

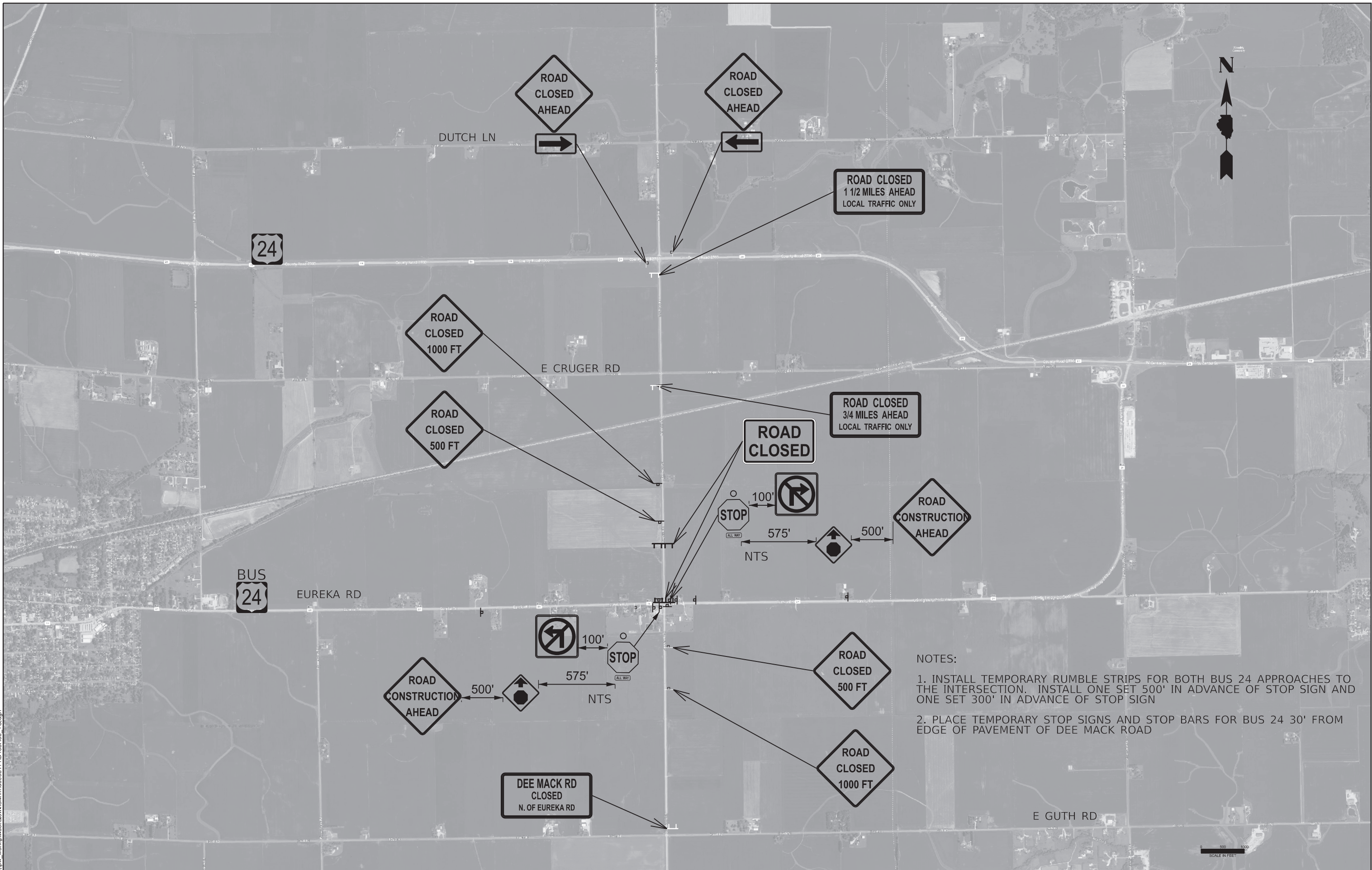
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEE MACK RD SOUTH LEG CLOSURE			
SCALE:	SHEET 002	OF 3	SHEETS
STA.	TO STA.		

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	17
CONTRACT NO. 68H60				
ILLINOIS FED. AID PROJECT				

TAZEWELL

MODEL: North Leg Closure (Sheet)
FILE NAME: c:\pwr_work\pwlslawinski\dm\09063114D468H60_TC.dgn



NOTES:
1. INSTALL TEMPORARY RUMBLE STRIPS FOR BOTH BUS 24 APPROACHES TO THE INTERSECTION. INSTALL ONE SET 500' IN ADVANCE OF STOP SIGN AND ONE SET 300' IN ADVANCE OF STOP SIGN
2. PLACE TEMPORARY STOP SIGNS AND STOP BARS FOR BUS 24 30' FROM EDGE OF PAVEMENT OF DEE MACK ROAD

USER NAME	= neil.slowski	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/3/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEE MACK RD NORTH LEG CLOSURE			
SCALE:	SHEET 003	OF 3	SHEETS
STA.	TO STA.		

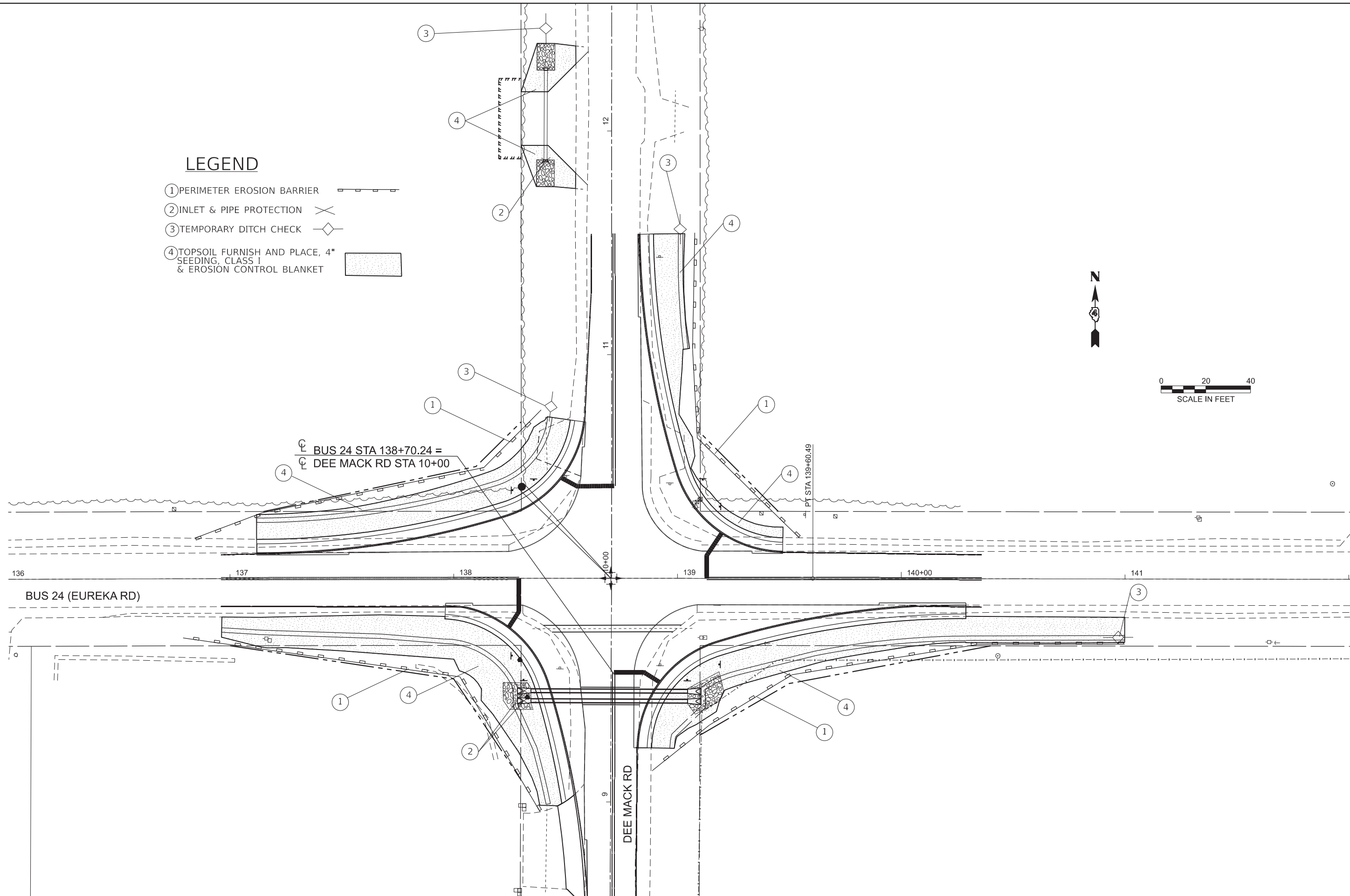
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	18
CONTRACT NO. 68H60				
ILLINOIS FED. AID PROJECT				

TAZEWELL

MODEL: Ex_Bus24_Plan 1 [Sheet]
FILE NAME: c:\pw_work\p\td\sl\slowinski\m\09063114D468H60_ErosionControl.dgn

LEGEND

- ① PERIMETER EROSION BARRIER
② INLET & PIPE PROTECTION
③ TEMPORARY DITCH CHECK
④ TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS I & EROSION CONTROL BLANKET



USER NAME	= neil.slowinski	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/1/2026	DATE	-	REVISED	-

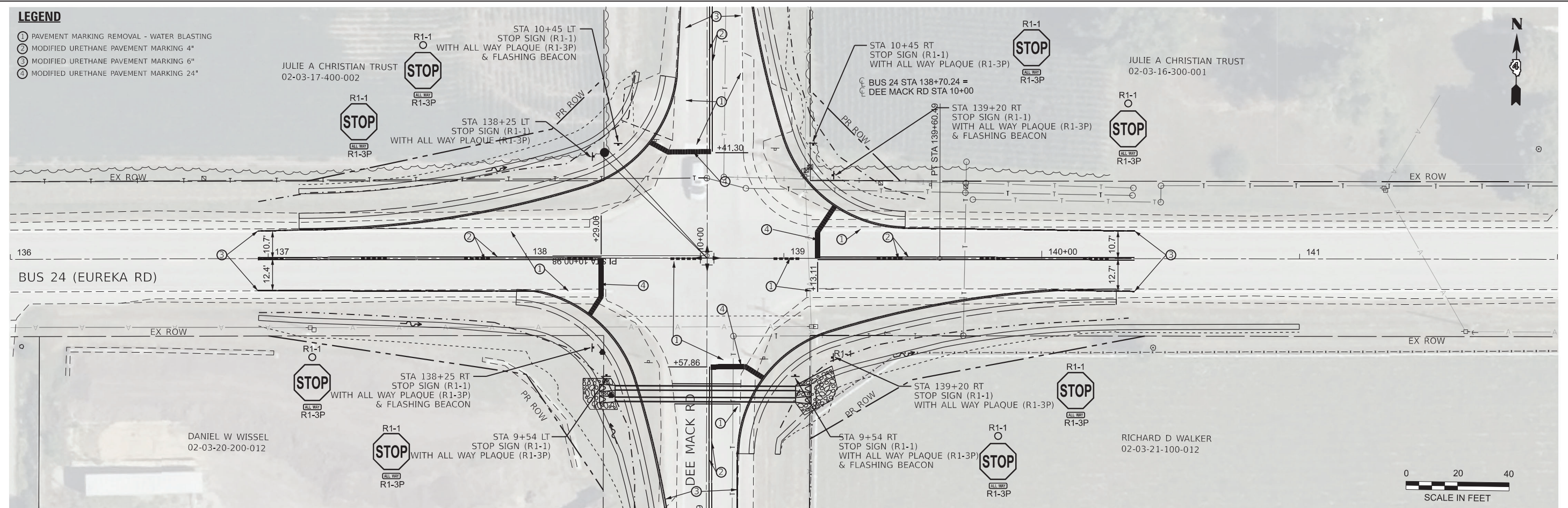
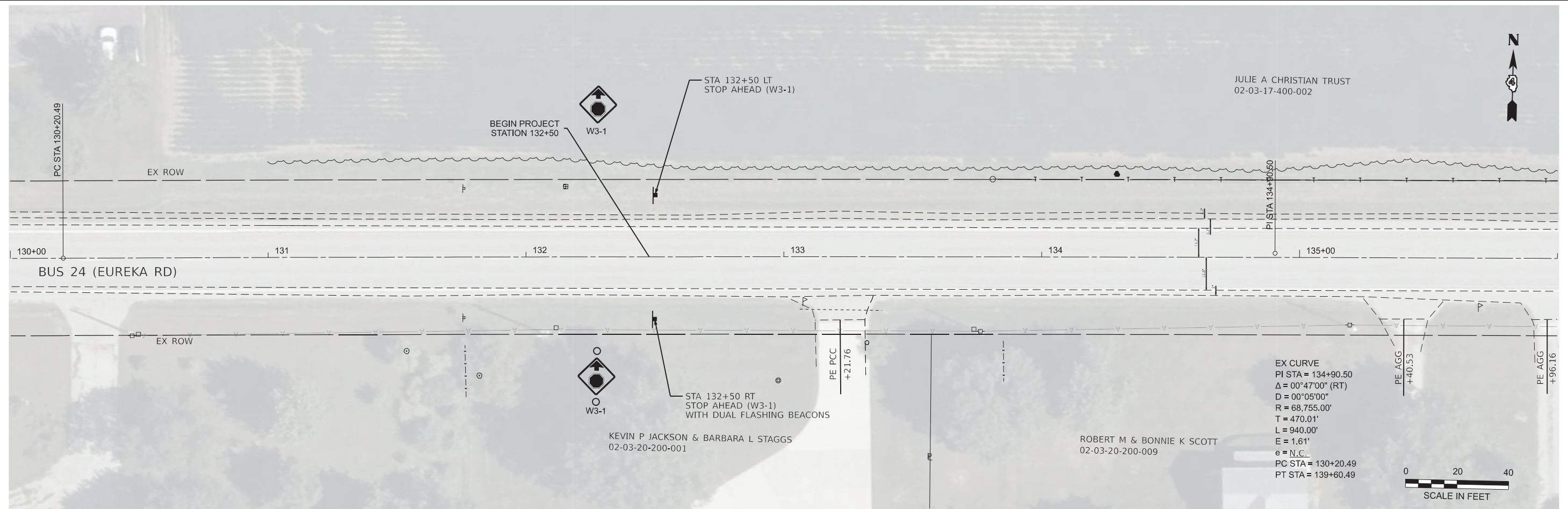
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUS 24 & DEE MACK RD EROSION CONTROL PLANS

SCALE: 1"=20' SHEET A001 OF 1 SHEETS STA. 136+00.00 TO STA. 142+00.00

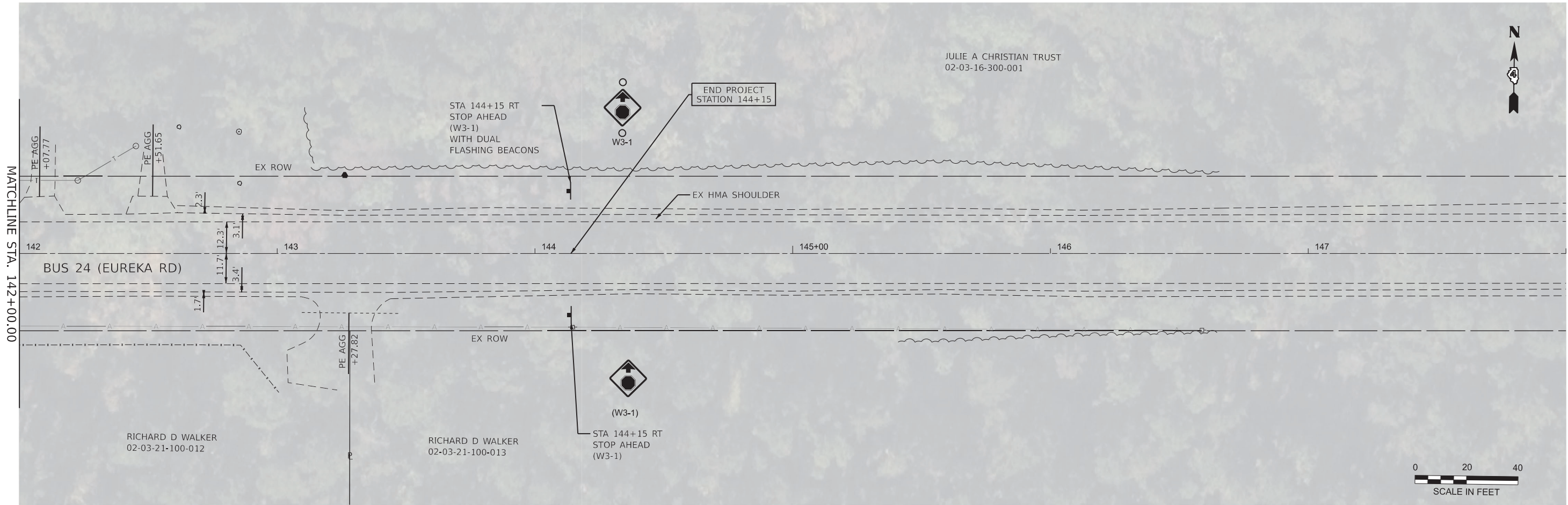
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	19
CONTRACT NO. 68H60				
ILLINOIS FED. AID PROJECT				

TAZEWELL



USER NAME = neil.slowinski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING & PAVEMENT MARKING BUS 24 (EUREKA RD)					F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -							368	(35)N-2	TAZEWELL	40	20
	CHECKED -	REVISED -		CONTRACT NO. 68H60									
PLOT DATE = 6/1/2026	DATE -	REVISED -		SCALE: 1"=20'	SHEET A001	OF 3	SHEETS	STA. 130+00.00	TO STA. 142+00.00	ILLINOIS FED. AID PROJECT			

MODEL: EXCL_BUS25 - cm Plan 3 [Sheet]
FILE NAME: c:\p\work\pav\slowinski\m\096311\40468H60-shr-PavementMarking.dgn



	USER NAME	= neil.slowinski	DESIGNED	-	REVISED	-
	DRAWN	-	CHECKED	-	REVISED	-
	DATE	-	DATE	-	REVISED	-
	PLOT DATE	= 6/2/2026				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING
BUS 24 (EUREKA ROAD)

SCALE: 1"=20' SHEET OF 3 SHEETS STA. 142+00.00 TO STA. 148+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	21
CONTRACT NO. 68H60				
ILLINOIS FED. AID PROJECT				

(35)N-2 TAZEWELL

LEGEND

- 1 PAVEMENT MARKING REMOVAL - WATER BLASTING
- 2 MODIFIED URETHANE PAVEMENT MARKING 4"
- 3 MODIFIED URETHANE PAVEMENT MARKING 6"
- 4 MODIFIED URETHANE PAVEMENT MARKING 24"

EXISTING
STOP AHEAD (W3-1)
TO REMAIN

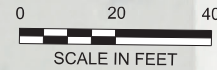


W3-1



W3-1

STA 1+72 RT
STOP AHEAD (W3-1)
WITH DUAL FLASHING BEACONS



SCALE IN FEET

DANIEL W WISSEL
02-03-20-200-012

DEE MACK RD

CHRISTPHER HOFFER
02-03-21-100-011

RICHARD D WALKER
02-03-21-100-012

JULIE A CHRISTIAN TRUST
02-03-16-300-001

STA 17+37 RT
STOP AHEAD (W3-1)
WITH DUAL FLASHING BEACONS



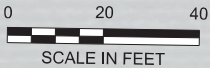
W3-1

PROJECT ENDS
STA 17+37

EXISTING
STOP AHEAD (W3-1)
TO REMAIN



W3-1



SCALE IN FEET

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING & PAVEMENT MARKING
DEE MACK RD

SCALE: 1"=20' SHEET A003 OF 3 SHEETS STA. 5+00.00 TO STA. 17+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	22
CONTRACT NO. 68H60				

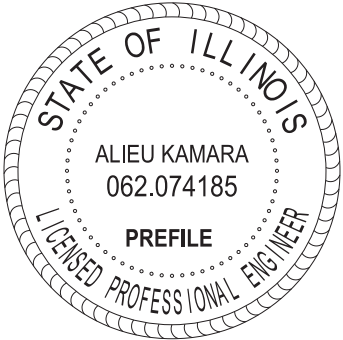
ILLINOIS FED. AID PROJECT

TAZEWELL

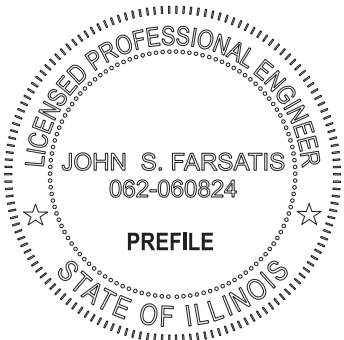
MODEL: EXCL_DEEMACK-1 - Plan 4 [Sheet]
FILE NAME: c:\p\work\kwl\slawinski\dm\00963114\0468H60-shp-PavementMarking.dgn

MODEL: Default
FILE NAME: C:\Users\Akamara\A. Watts Inc\Dept 20 Projects - Documents\IDOT PTB 216-037 TMM\WO 04 Flashing Beacon\00_CADD FILES\00_CADD Drawings\01_D468H60_SQG.dgn

BILL OF MATERIALS		
ITEM	UNIT	TOTAL QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	30
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	70
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	100
UNIT DUCT, 600V, 4-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	110
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	300
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	2
LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 60AMP	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	250
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	1
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
SIGNAL HEAD, POLYCARBONATE, LED, 4-FACE, 1-SECTION, MAST ARM MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE	EACH	4



SIGNED 04/30/2026
EXPIRES 11/30/2027
RESPONSIBLE FOR CIVIL PORTIONS ONLY



SIGNED 04/30/2026
EXPIRES 11/30/2027
RESPONSIBLE FOR ELECTRICAL PORTIONS ONLY

ELECTRICAL WORK GENERAL NOTES:

1. THE CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE FLASHING BEACON SYSTEM IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, APPLICABLE HIGHWAY STANDARDS, AND THESE PLANS.
2. ALL ELECTRICAL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) AND APPLICABLE LOCAL CODES.
3. EXACT LOCATIONS OF PROPOSED EQUIPMENT SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
4. EXISTING SIGNS AND EQUIPMENT DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT NO ADDITIONAL COST.
5. ALL CONDUIT INSTALLED UNDERGROUND SHALL BE PVC SCHEDULE 40 UNLESS OTHERWISE NOTED.
6. THE CONTRACTOR SHALL COORDINATE ELECTRICAL SERVICE INSTALLATION WITH THE UTILITY PROVIDER. THE LOCATION OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS. THE ENGINEER SHALL BE NOTIFIED OF ANY CONFLICTS. THE FLASHING BEACON SHALL NOT BE PLACED INTO OPERATION UNTIL INSPECTED AND APPROVED BY THE ENGINEER.
7. CONTRACTOR SHALL RESTORE DISTURBED AREAS TO EXISTING CONDITIONS OR BETTER.
8. MAST ARM AND POLE ASSEMBLY SHALL BE INSTALLED PER MANUFACTURE RECOMMENDATIONS AND IDOT STANDARDS. CONTRACTOR SHALL FIELD VERIFY MOUNTING HEIGHT AND CLEARANCES PRIOR TO INSTALLATION.
9. ALL ELECTRICAL SYSTEMS, EQUIPMENT, AND APPURTENANCES MUST BE GROUNDED AND BONDED IN STRICT CONFORMANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE EVEN THOUGH EVERY DETAIL OF REQUIREMENTS IS NOT SPECIFIED OR SHOWN.
10. COMMENCEMENT OF WORK SHALL BE CONSTRUED AS EVIDENCE THAT A CAREFUL EXAMINATION OF THE PORTION OF EXISTING ROADWAY FOR THIS WORK AND ACCESS TO THE WORK SPACES HAS BEEN PERFORMED BY THE CONTRACTOR AND THAT THE CONTRACTOR IS FAMILIAR WITH THE EXISTING CONDITIONS AND ANY DIFFICULTIES THAT MAY AFFECT THE EXECUTION OF THE WORK. LATER CLAIMS BY THE CONTRACTOR WILL NOT BE PERMITTED FOR ADDITIONAL LABOR OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORSEEN DURING SUCH AND EXAMINATION.
11. ALL NEW LIGHTING EQUIPMENT AND WIRING SHOWN IS DIAGRAMMATIC TO SHOW INTENT. ACTUAL LOCATIONS IN THE FIELD MUST BE APPROVED BY THE ENGINEER.
12. CONDUIT BENDS SHALL NOT EXCEED 180 DEGREES BETWEEN PULL POINTS. HANDHOLES SHALL BE INSTALLED WHERE REQUIRED TO FACILITATE CONDUCTOR PULLS.
13. ALL TRAFFIC SIGNAL SECTION SHALL BE 12-INCH LED TYPE WITH BACKPLATES.
14. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND THE FOLLOWING APPLICABLE HIGHWAY STANDARDS:

- 821101-03

- 825001-04

- 873001-02

- 877012-07

- 878001-11

- 880006-01

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE DETAILS UNLESS OTHERWISE NOTED IN THE PLANS OR SPECIAL PROVISIONS.
15. CONDUIT CROSSINGS BENEATH PAVEMENT SHALL BE THROUGH A 4" SCHEDULE 40 PVC CONDUIT SLEEVE INSTALLED A MINIMUM OF 36 INCHES BELOW PAVEMENT STRUCTURE AND EXTENDED A MINIMUM OF 3 FEET BEYOND THE EDGE OF PAVED AREA. ALL UNIT DUCTS SHOWN ON THE PLANS SHALL BE ROUTED THROUGH THIS CONDUIT SLEEVE.
16. CONTRACTOR SHALL PROVIDE TWO (2) 10 FOOT STEEL TRUSS-TYPE LUMINAIRE MAST ARM ASSEMBLIES FOR INSTALLATION OF LUMINAIRES. ORIENTATION OF MAST ARMS AND LUMINAIRES SHALL BE AS INDICATED ON THE PLANS. MAST ARMS SHALL BE STRUCTURALLY ADEQUATE FOR THE APPLICATION AND BE IN CONFORMANCE WITH ALL APPLICABLE PROVISIONS OF STANDARD SPECIFICATION SECTION 1069. COST FOR LUMINAIRE MAST ARM ASSEMBLIES AND ALL APPURTENANCE REQUIRED FOR A COMPLETE INSTALLATION SHALL BE INCIDENTAL TO THE LUMINAIRE PAY ITEM.



USER NAME = AlieuKamara	DESIGNED - AK	REVISED -
	DRAWN - AK	REVISED -
	CHECKED - JF	REVISED -
PLOT DATE = 5/6/2026	DATE - 04/30/26	REVISED -

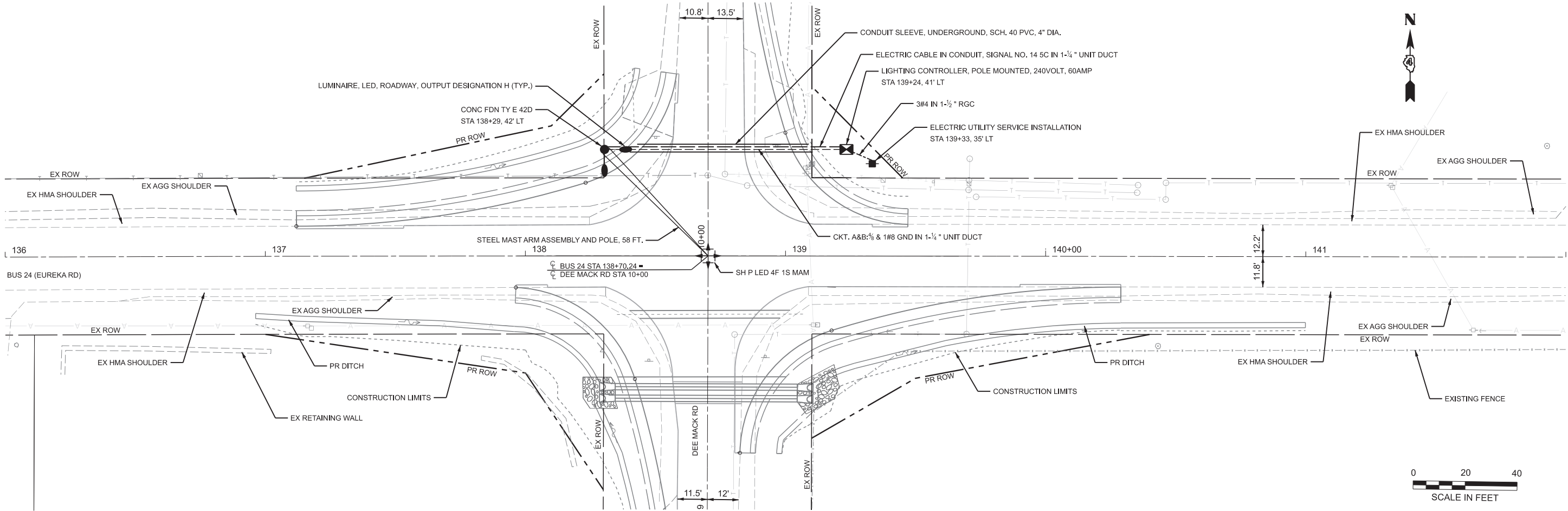
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FLASHING BEACON & LIGHTING
GENERAL NOTES AND BILL OF MATERIALS

SCALE: NA SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	23
		CONTRACT NO. 68H60		
		ILLINOIS	FED. AID PROJECT	

MODEL: EXCL_BUS26 - Plan 2 [Sheet] - Copy-1
FILE NAME: C:\Users\Akamara\A. Watts Inc\Dept 20 Projects - Documents\IDOT PTB 216-037 TWM\WO 04 Flashing Beacon\00_CADD FILES\00_CADD Drawings\U468H60-shh-planprod.dgn



NOTES:

- THE PROPOSED LIGHTING CONTROLLER SHALL CONTAIN ONE NEMA FLASHER SOCKET, NEMA FLASHER, TERMINAL BLOCKS, 120V AC TO 48V DC TRANSFORMER, AND ALL OTHER ITEMS REQUIRED FOR 48V DC FLASHING BEACON OPERATION. THE COST OF THESE ITEMS SHALL BE INCLUDED IN THE COST OF THE LIGHTING CONTROLLER.
- ALL LED MODULES SHALL OPERATE AT 48VDC OR LESS TO REDUCE THE POTENTIAL FOR ELECTROCUTION AND INJURY IN THE EVENT OF A KNOCKDOWN.
- THE FLASHING BEACON CONTROL PANEL SHALL BE INSTALLED INSIDE THE PROPOSED LIGHTING CONTROLLER CABINET.

LEGEND	
	PROP. 4-FACE, 1-SECTION MAST ARM MOUNTED SIGNAL HEAD
	PROP. LIGHTING MAST ARM AND LUMINAIRE
	PROP. COMBINATION MAST ARM ASSEMBLY AND POLE
	PROP. LIGHTING CONTROLLER
	PROP. ELECTRIC SERVICE
	PROP. 5/C NO. 14 SIGNAL CABLE IN 1-1/4" UNIT DUCT
	PROP. CKT. A&B: 4#8 & 1#8 GND IN 1 1/4" UNIT DUCT
	PROP. 3#4 IN 1-1/2" RGC
	PROP. CONDUIT SLEEVE, UNDERGROUND, SCH. 40 PVC, 4" DIA.



USER NAME	= AliouKamara	DESIGNED	-	AK	REVISED	-	
		DRAWN	-	AK	REVISED	-	
		CHECKED	-	JF	REVISED	-	
PLOT DATE	= 6/3/2026	DATE	-	04/30/26	REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

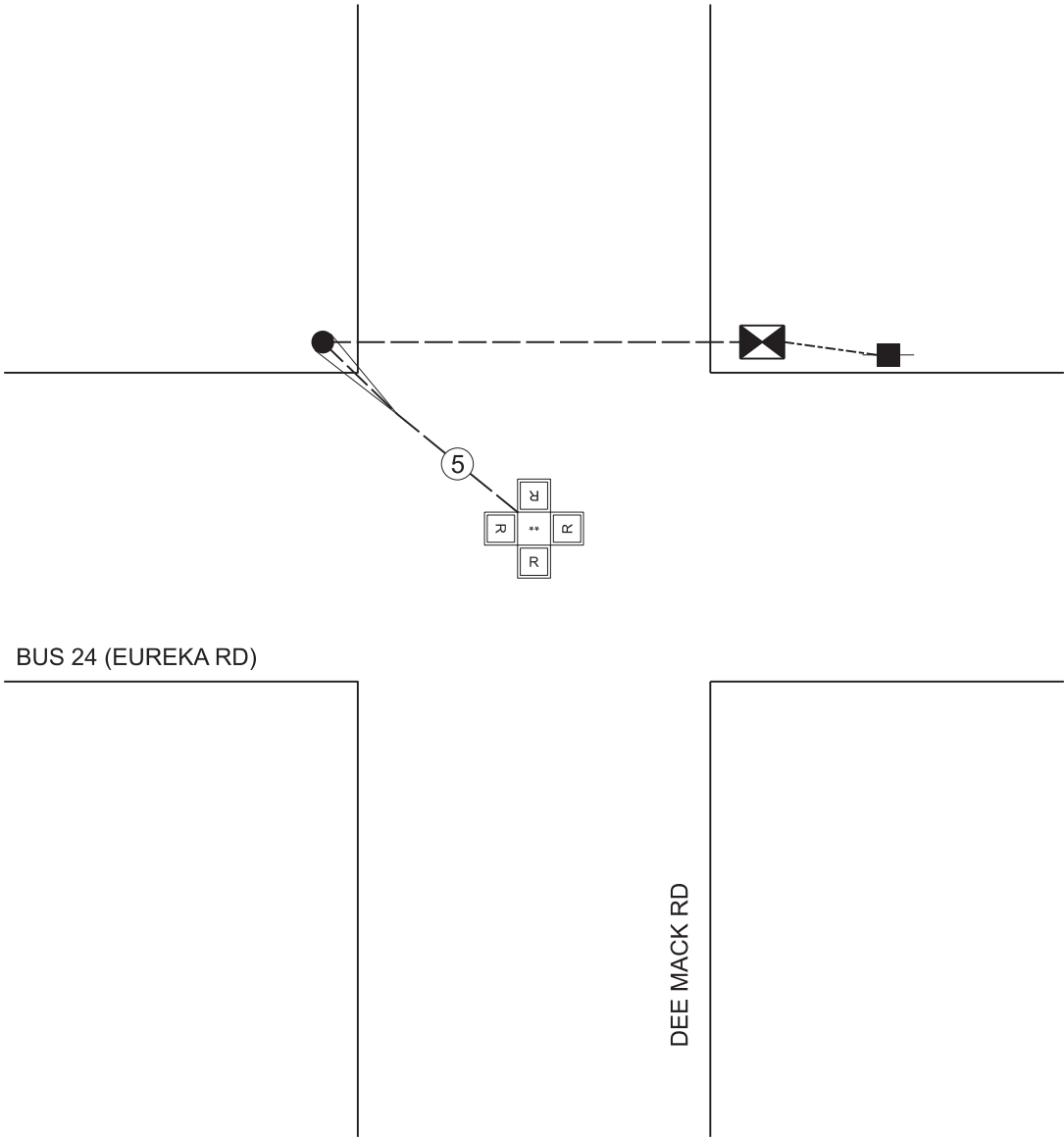
PROPOSED FLASHING BEACON AND LIGHTING PLAN
BUS 24 (EUREKA ROAD) & DEE MACK RD

SCALE: 1"=20'
SHEET OF SHEETS
STA. 136+00.00 TO STA. 142+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	24
CONTRACT NO. 68H60				
		ILLINOIS	FED. AID PROJECT	

MODEL: DETAILS
FILE NAME: C:\Users\Akamara\A. Watts Inc\Dept 20 Projects - Documents\IDOT PTB 216-037 TMM\WO 04 Flashing Beacon\00_CADD FILES\00_CADD Drawings\0468H60-shh-planprod.dgn

FLASHING BEACON WIRING DIAGRAM

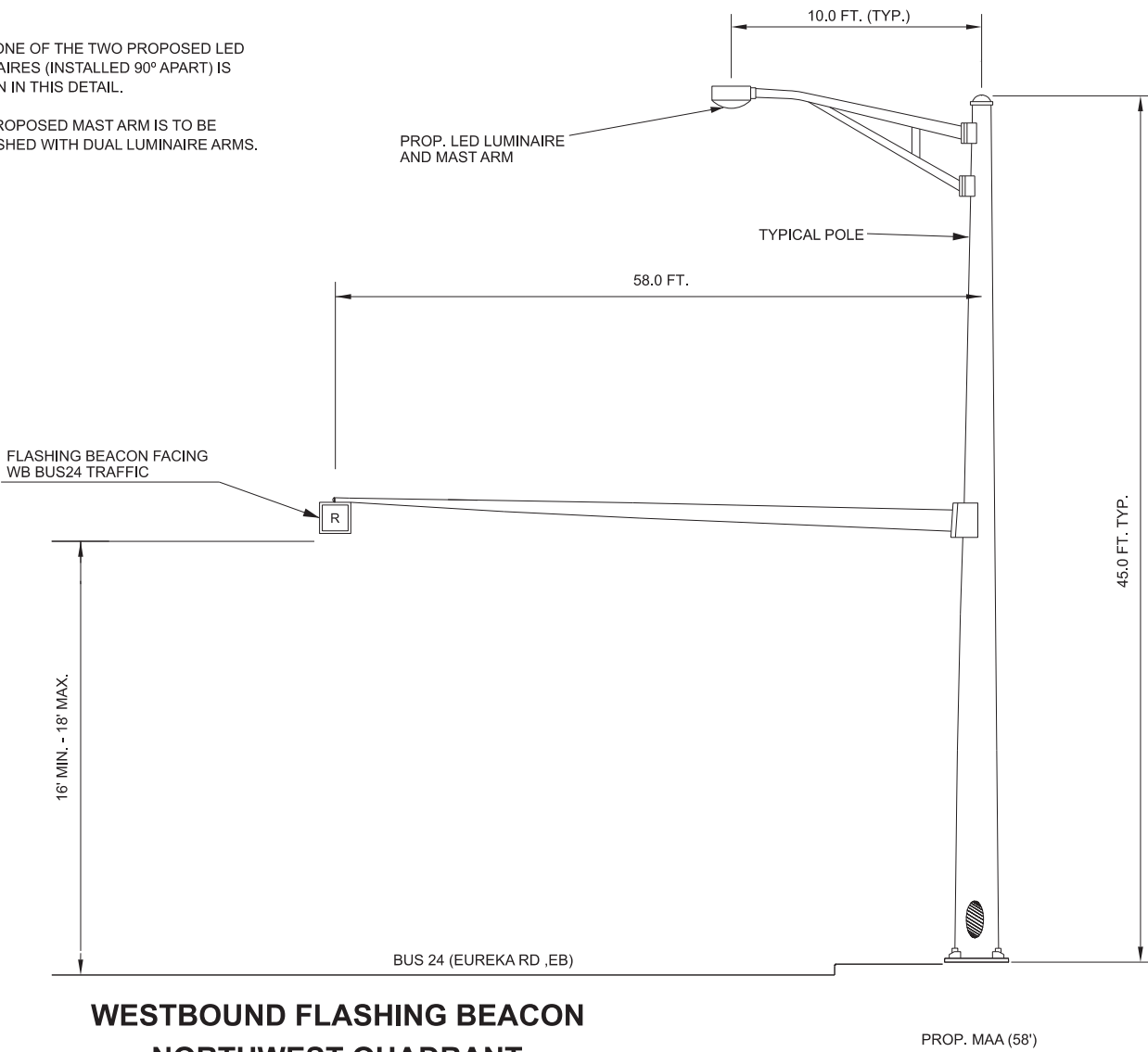


LIGHTING WIRING DIAGRAM



NOTES:

- ONLY ONE OF THE TWO PROPOSED LED LUMINAIRES (INSTALLED 90° APART) IS SHOWN IN THIS DETAIL.
- THE PROPOSED MAST ARM IS TO BE FURNISHED WITH DUAL LUMINAIRE ARMS.



LEGEND

- PROP. 4-FACE, 1-SECTION MAST ARM MOUNTED SIGNAL HEAD
- PROP. LIGHTING MAST ARM AND LUMINAIRE
- PROP. COMBINATION MAST ARM ASSEMBLY AND POLE
- PROP. LIGHTING CONTROLLER
- PROP. ELECTRIC SERVICE
- PROP. 5/C NO. 14 SIGNAL CABLE IN 1-1/4" UNIT DUCT
- PROP. CKT. A&B: 4#8 & 1#8 GND IN 1-1/4" UNIT DUCT
- PROP. 3#4 IN 1-1/2" RGC
- PROP. CONDUIT SLEEVE, UNDERGROUND, SCH. 40 PVC, 4" DIA.



USER NAME	= AllieuKamara	DESIGNED	- AK	REVISED	-
		DRAWN	- AK	REVISED	-
		CHECKED	- JF	REVISED	-
PLOT DATE	= 6/3/2026	DATE	- 04/30/26	REVISED	-

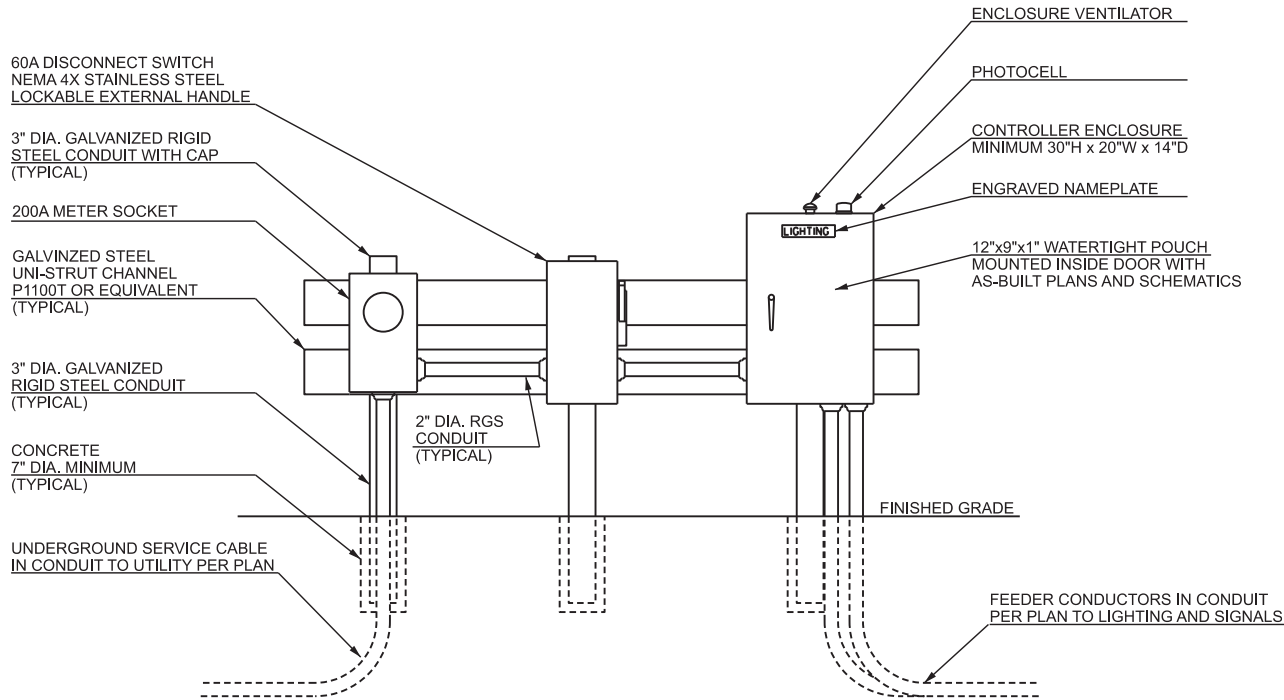
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED MAST ARM ASSEMBLY POLE DETAIL,
FLASHING BEACON AND LIGHTING WIRING DIAGRAMS

SCALE: 1"=20' SHEET OF SHEETS STA. 136+00.00 TO STA. 142+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	25
CONTRACT NO. 68H60				
ILLINOIS FED. AID PROJECT				

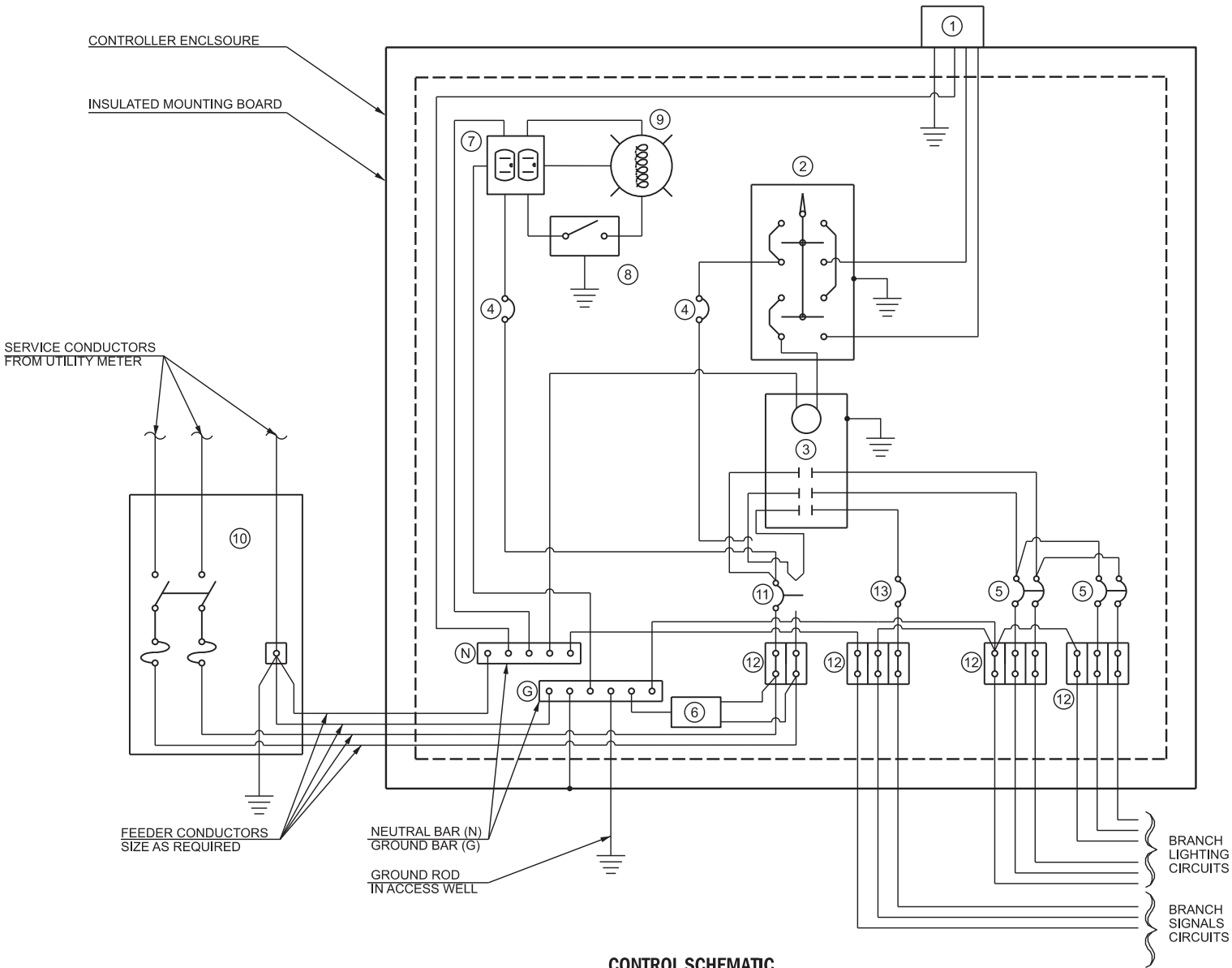
MODEL: Default
FILE NAME: C:\Users\muedafivas\A - Watts Inc\Dept 20 Projects - Documenta\IDOT PTB 216-037 TMM\WO 04 Flashing Beacon\00_CADD FILES\00_CADD Drawings\1-Pole\MountedDetail.dgn



ELECTRIC SERVICE INSTALLATION

NOTE:

1. THE COST OF THE UNDERGROUND SERVICE CABLE/ CONDUIT FROM THE EXISTING TRANSFORMER TO THE PROPOSED ELECTRICAL SERVICE SHALL BE INCLUDED IN THE COST OF THE PROPOSED ELECTRICAL SERVICE INSTALLATION.
2. THE CONTRACTOR SHALL VERIFY UTILITY COMPANY SERVICE INSTALLATION REQUIREMENTS, THERE WILL BE NO ADDITIONAL COMPENSATION TO ACCOMODATE ADDITIONAL REQUIREMENTS NOT SHOWN IN THE PLANS.
3. THE PROPOSED ELECTRICAL SERVICE INSTALLATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH CURRENT UTILITY COMPANY REQUIREMENTS.
4. WIRE TO BE SIZED PER NEC REQUIREMENTS.
5. CONTRACTOR TO PROVIDE GROUND RODS AND GROUND/BOND ALL METALLIC COMPONENTS IN ACCORDANCE WITH NEC REQUIREMENTS.



CONTROL SCHEMATIC

- ① PHOTOCELL WITH INTEGFRAL SURGE ARRESTER
- ② HAND-OFF-AUTO SELECTOR SWITCH
- ③ 100 AMP* ELECTRICALLY HELD CONTACTOR
- ④ 15 AMP*, 1-POLE CIRCUIT BREAKER
- ⑤ 20 AMP*, 2-POLE CIRCUIT BREAKER (ONE SPARE REQUIRED, NOT SHOWN)
- ⑥ SURGE ARRESTER
- ⑦ GFCI DUPLEX RECEPTACLE
- ⑧ SINGLE-POLE, SINGLE-THROW SWITCH
- ⑨ INCANDESCENT LUMINAIRE, ENCLOSED AND GASKETED WITH 100 WATT LAMP
- ⑩ SERVICE DISCONNECT SWITCH, 60 AMP*, 2-POLE, 3-WIRE, FUSED AT 60 AMP*, SOLID NEUTRAL, NEMA 4X ENCLOSURE WITH LOCKABLE EXTERNAL HANDLE
- ⑪ 60 AMP*, 2-POLE CIRCUIT BREAKER
- ⑫ TERMINAL BLOCK SIZED FOR CONDUCTORS AS SHOWN ON PLANS
- ⑬ 30 AMP*, 1-POLE CIRCUIT BREAKER (ONE SPARE REQUIRED NOT SHOWN)

* SIZE LARGER AS REQUIRED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING/SIGNALS
CONTROLLER & ELECTRIC SERVICE DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEVELL	40	26
CONTRACT NO. 68H60				
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: C:\Users\mueda\raas\A. Watts Inc\Dept 20 Projects - Documents\IDOT PTB 2-16-037 TMM\WO 04 Flashing Beacon\00_CADD FILES\00_CADD Drawings\02_D468H60_Standards3.dgn

ILLINOIS DEPARTMENT OF TRANSPORTATION
LUMINAIRE PERFORMANCE TABLE

LED Replacement for 250W HPS Multi-Mount Luminaire
(replacement luminaire shall be mounted horizontally)

GIVEN CONDITIONS

ROADWAY DATA	Lane Width	12 ft
	Number of Lanes (One Direction Only)	3
	Median Width	0 ft
	I.E.S. Surface Classification	R3
	Q-Zero Value	.07
LIGHT POLE DATA	Mounting Height	45 ft
	Luminaire Overhang From Edge of Pavement (White Line)	-30 ft
LUMINAIRE DATA	Luminaire Type	LED
	I.E.S. Vertical Distribution	Medium
	BUG Rating	U = 0
	I.E.S. Lateral Distribution	Type III or IV
	Total Light Loss Factor	0.684
LAYOUT DATA	Spacing	145 ft
	Configuration	One Sided

NOTES:

1. Total light loss factor is the product of “Lumen Depreciation” (LLD) = 0.90, “Dirt Depreciation” (LDF) = 0.80, and “Equipment factors” (EF) = 0.95.

PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

ILLUMINANCE	Average Illuminance, E _{AVE}	0.9 fc to 1.4 fc
	Uniformity Ratio, E _{AVE} /E _{MIN}	≤ 3.0:1
LUMINANCE	Average Luminance, L _{AVE}	0.6 cd/m ² to 0.9 cd/m ²
	Uniformity Ratio, L _{AVE} /L _{MIN}	≤ 3.5:1
	Uniformity Ratio, L _{MAX} /L _{MIN}	≤ 6.0:1
	Max. Veiling Luminance Ratio, L _v /L _{AVE}	≤ 0.3:1



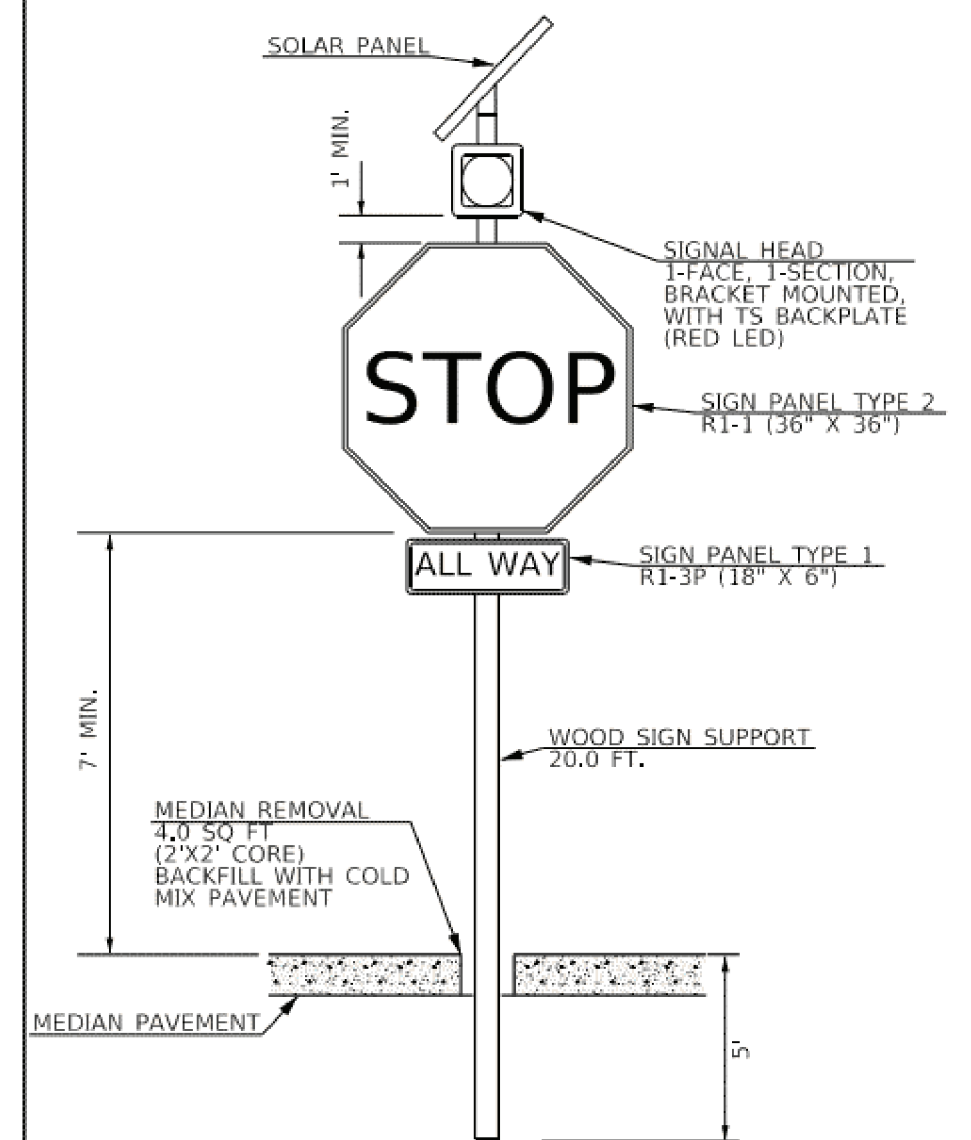
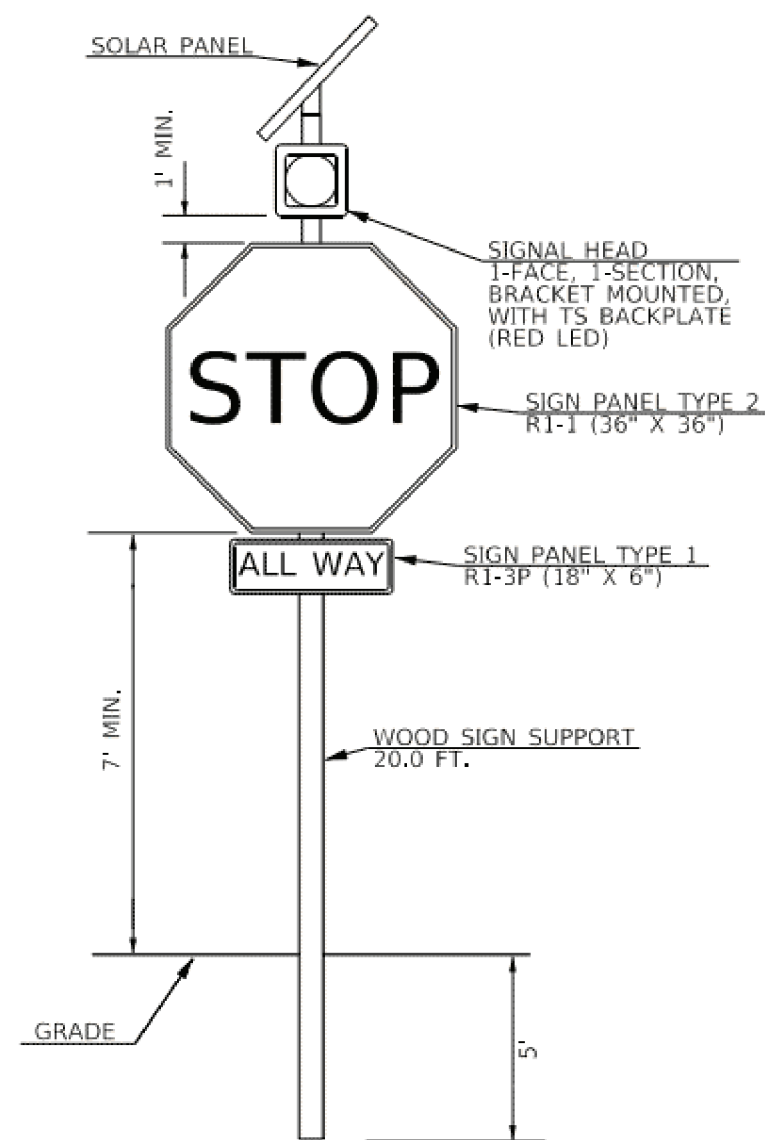
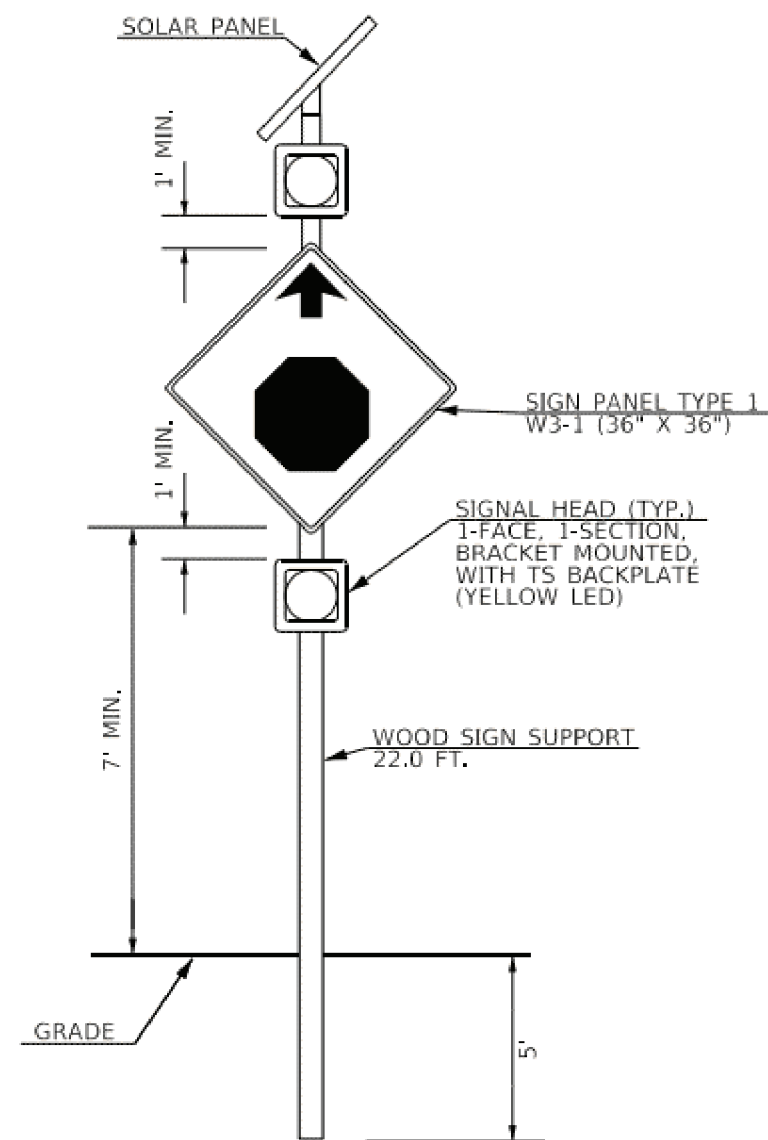
USER NAME =	AllieuKamara	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
PLOT DATE =	6/3/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LUMINAIRE PERFORMANCE TABLE
BUS 24 (EUREKA RD) & DEE MACK RD - TAZEWell COUNTY

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWell	40	27
CONTRACT NO. 68H60				
		ILLINOIS	FED. AID PROJECT	



- NOTES:
1. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL REQUIRED COMPONENTS INCLUDING, BUT NOT LIMITED TO, SOLAR PANEL, CONTROL UNIT, BRACKETING, HARDWARE, ELECTRICAL COMPONENTS, WIRING, TWO FLASHING BEACON ASSEMBLIES (YELLOW LED) FOR OPERATION OF THE SOLAR-POWERED FLASHING BEACON ASSEMBLY (DUAL-ALTERNATING). THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE OF THE SOLAR-POWERED FLASHING BEACON ASSEMBLY (DUAL-ALTERNATING.)
 2. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL REQUIRED COMPONENTS INCLUDING, BUT NOT LIMITED TO, SOLAR PANEL, CONTROL UNIT, BRACKETING, HARDWARE, ELECTRICAL COMPONENTS, WIRING, ONE FLASHING BEACON ASSEMBLY (RED LED) FOR OPERATION OF THE SOLAR-POWERED FLASHING BEACON INSTALLATION. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE OF THE SOLAR-POWERED FLASHING BEACON INSTALLATION.
 3. AFTER THE SIGN POSTS HAVE BEEN INSTALLED, THE CONTRACTOR SHALL BACKFILL THE 2'X2' HOLE IN THE MEDIAN PAVEMENT WITH COLD MIX ASPHALT. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE OF THE MEDIAN REMOVAL.

NOT TO SCALE

USER NAME = neil.slowinski	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/18/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

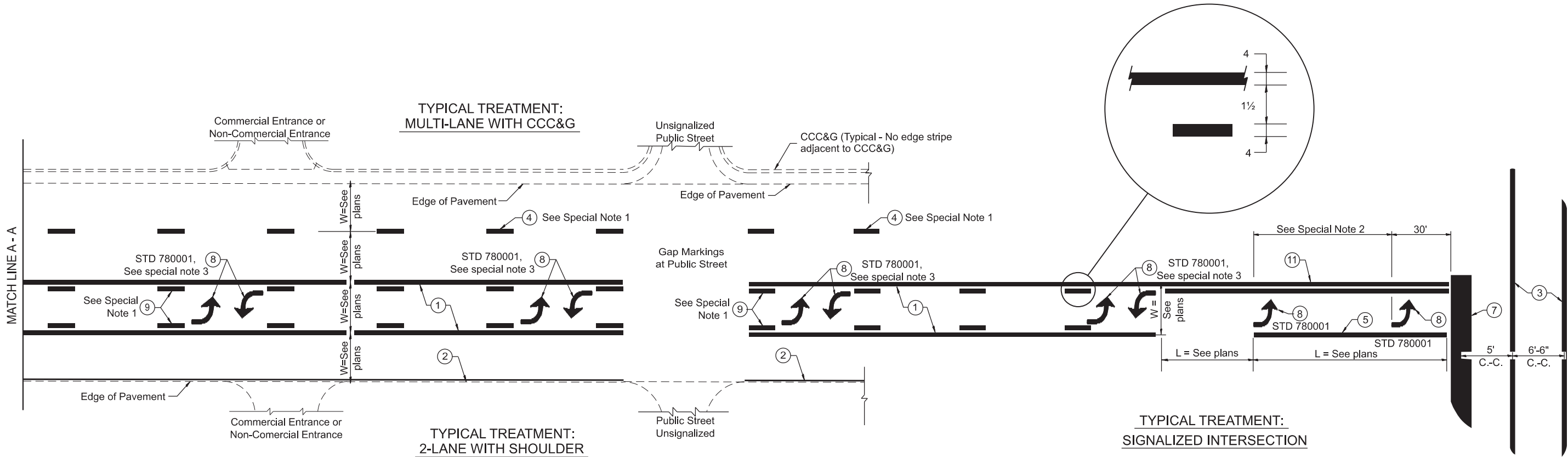
FLASHING BEACON AND SIGN DETAILS

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

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	28
		CONTRACT NO. 68H60		
ILLINOIS		FED. AID PROJECT		

DESIGNER NOTES:

MODEL: D4-780001 - 01 1. Include State Standard 780001 (Typical Pavement Markings)
FILE NAME: c:\pawork\pawork\mtd\mtd\33111047-780001.dgn



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 Solid (Yellow)
- 2

4 Solid (White)
- 3

2-6 Crosswalk @ 6'-6" min C.-C. (White)

2-8 Crosswalk @ 6'-6" min C.-C. (White) (When traffic signals are present.)
- 4

6 Skip-Dash (White)

10'

30'

10'

(See Special Note 1)
- 5

8 Solid (White)
- 6

12 Diagonal (White) (Item 6 is shown on Std. 780001)
- 7

24 Stop Bar (White)
- 8

Letters & Arrows

33'

(See Std. 780001 and Special Notes 2 & 3)
- 9

4 Skip-Dash (Yellow)

10'

30'

10'

(See Special Note 1)
- 10

12 Diagonal (Yellow) (See Table A)

45°
- 11

4 Double Solid (Yellow)

11 C.-C.

See Table A

SPECIAL NOTES

1. ~~Skip-Dash markings will be centered between~~
both ends of city blocks and shall be placed
in alignment transversely across the pavement.
2. 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'.
C. Arrows shall be evenly spaced if three (3)
or more are required.
3. 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'.
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'.

GENERAL NOTES

1. Refer to State Standard 780001 for additional
Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to
curbed islands and medians, and through lane
reductions.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
4. 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)

USER NAME	= neil.slowinski	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 5/12/2026	DATE	-	REVISED	-

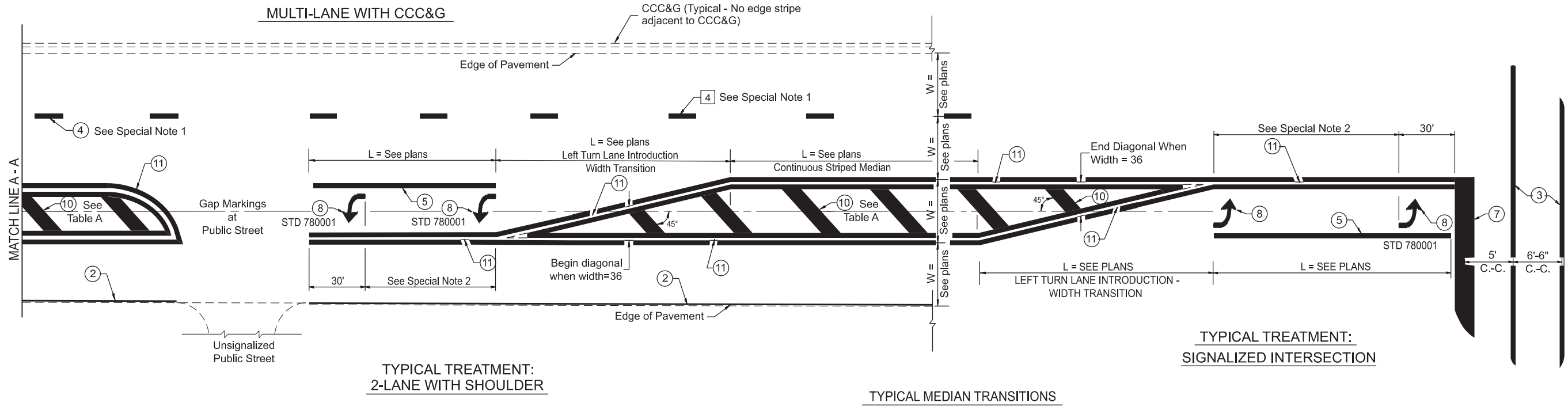
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS

SCALE: NOT TO SCALE SHEET 1 1 OF 22 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	29
DISTRICT 4 DETAIL NO. 780001		CONTRACT NO. 68H60		
		ILLINOIS FED. AID PROJECT		

TAZEWELL

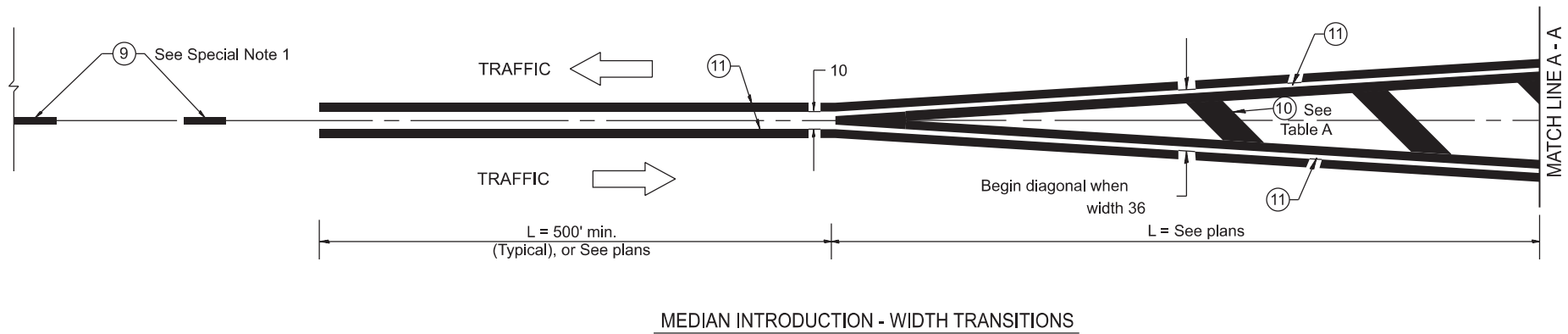


FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A

RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	CONTINUOUS	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)
Less Than 30 mph	50'	15'
30 - 45 mph	75'	20'
Over 45 mph	150'	30'



All dimensions are in inches unless otherwise noted.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS

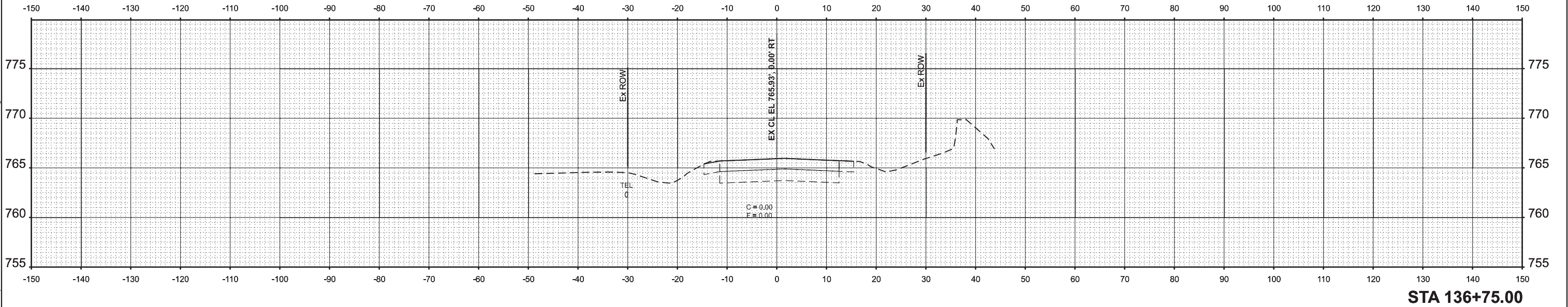
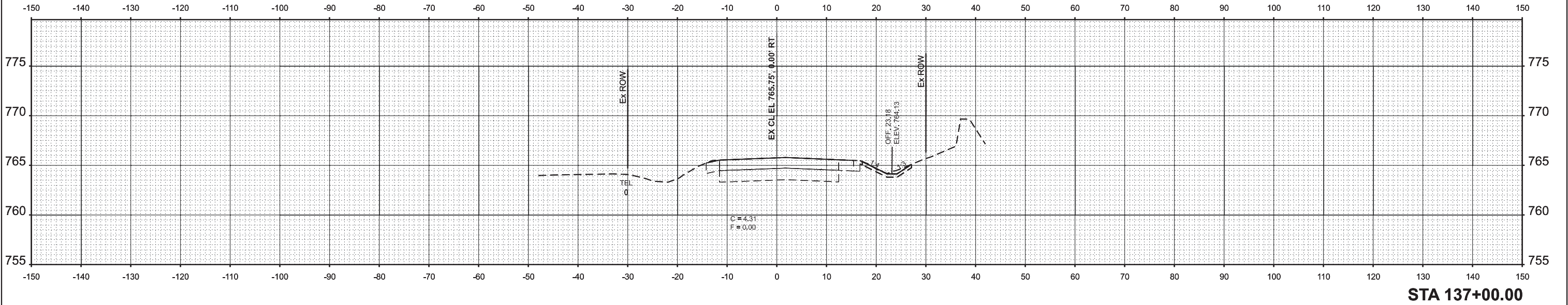
SCALE: NOT TO SCALE SHEET 2 2 OF 2 2 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	30
DISTRICT 4 DETAIL NO. 780001		CONTRACT NO. 68H60		
		ILLINOIS	FED. AID PROJECT	

TAZEWELL

MODEL: D4-780001 - 02
FILE NAME: c:\p\work\pav\slawinski\dm\09063114\D4-780001.dgn

MODEL: EXCL_BUS24 - 136+75.00 [Sheet]
FILE NAME: c:\pwworking\pwworking\114D468H60-shr+CrossSections.dgn



USER NAME = neil.slowinski	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/17/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

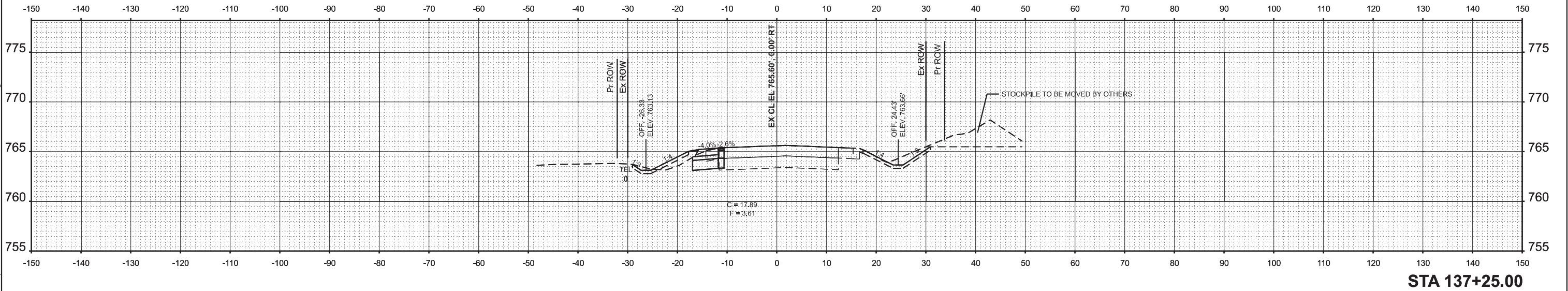
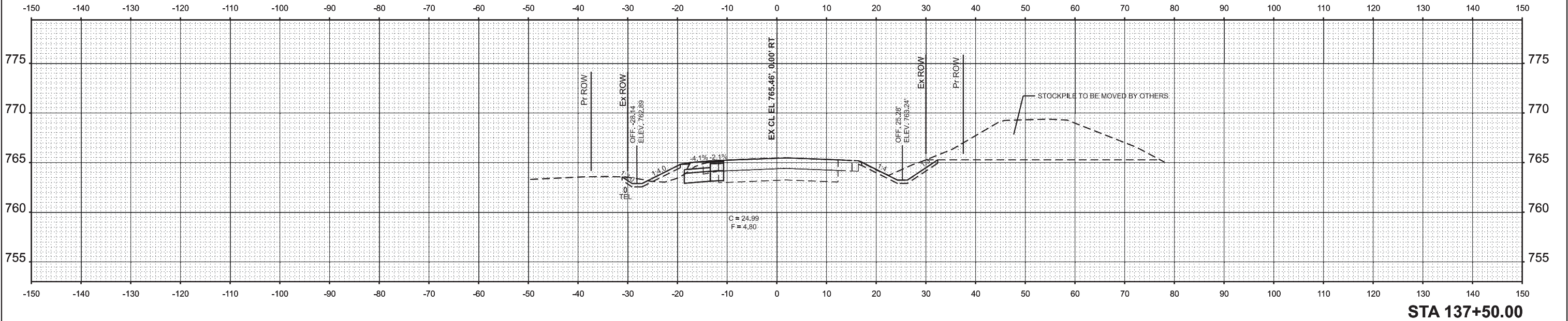
BUS 24
CROSS SECTIONS

SCALE: SHEET OF 10 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	31
CONTRACT NO. 68H60				
ILLINOIS FED. AID PROJECT				

TAZEWELL

MODEL: EXCL_BUS24 - 137+25.00 [Sheet]
FILE NAME: c:\pwworking\tdawkins\m\09063114D46H60-shr+CrossSections.dgn



USER NAME	= neil.slowinski	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/17/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

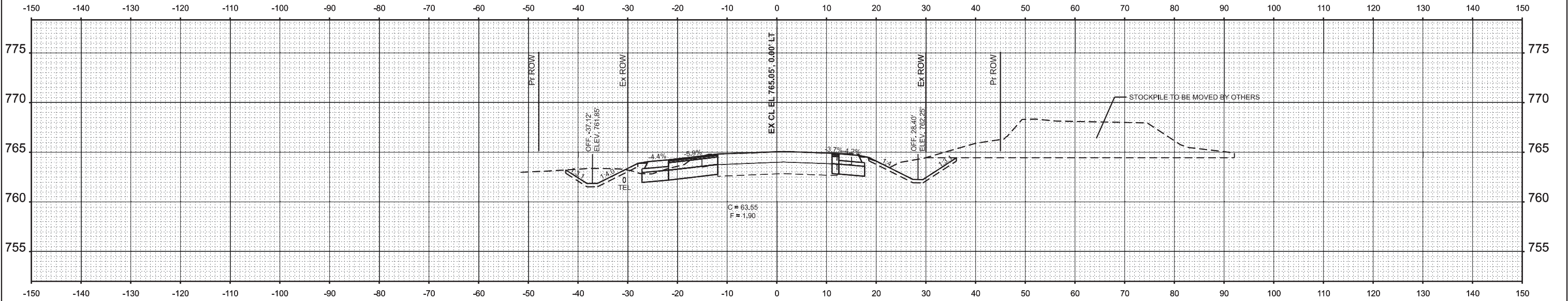
BUS 24
CROSS SECTIONS

SCALE: SHEET OF 10 SHEETS STA. TO STA.

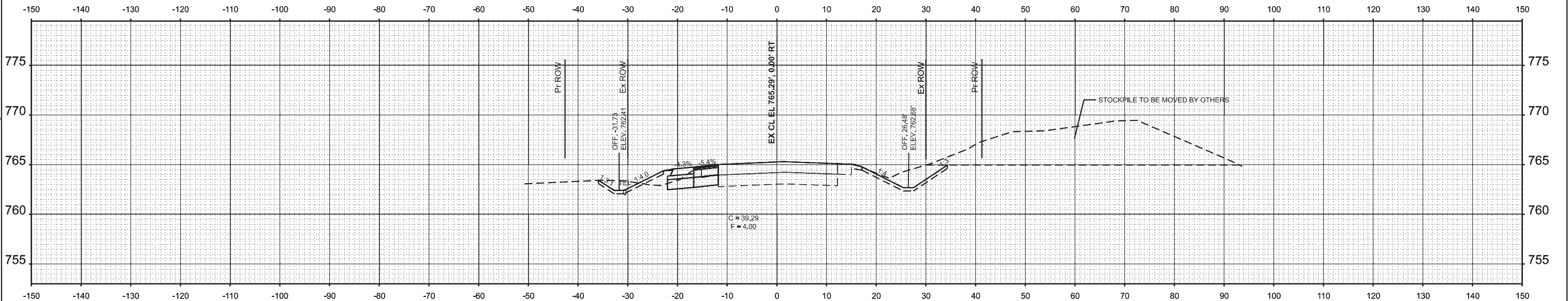
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	32
CONTRACT NO. 68H60				
ILLINOIS FED. AID PROJECT				

TAZEWELL

MODEL: EXCL_BUS24 - 137+75.00 [Sheet]
FILE NAME: c:\pwworking\tdolalowski\m\09063114\0468H60-shr+CrossSections.dgn



STA 138+00.00



STA 137+75.00

USER NAME	= neil.slowinski	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/24/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

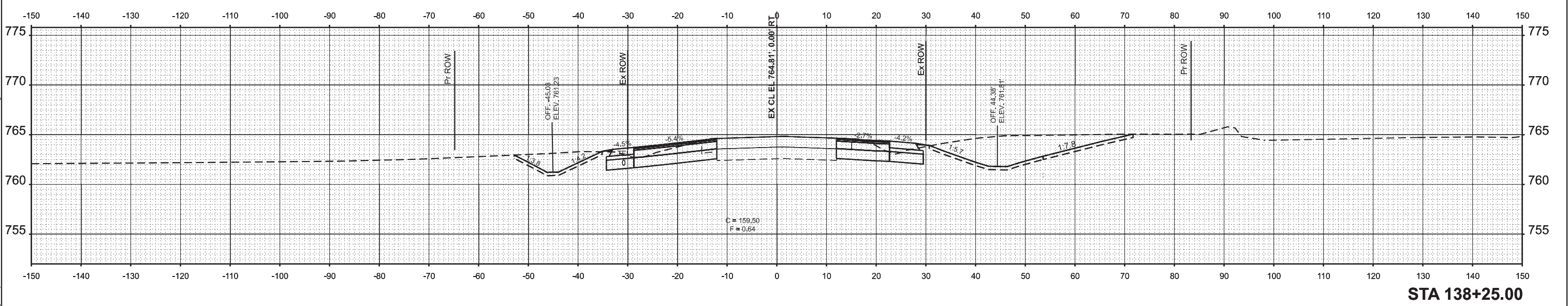
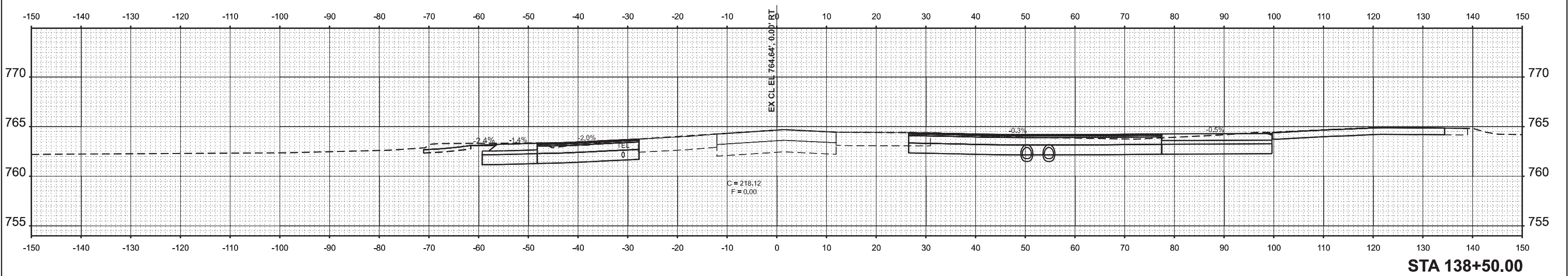
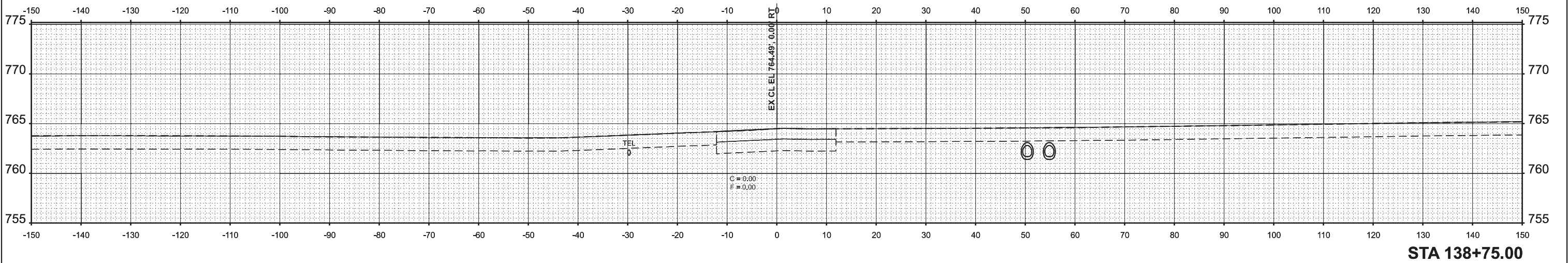
BUS 24
CROSS SECTIONS

SCALE: SHEET OF 10 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	33
CONTRACT NO. 68H60				
ILLINOIS FED. AID PROJECT				

TAZEWELL

MODEL: EXCL_BUS24 - 138+25.00 [Sheet]
FILE NAME: c:\pwworking\neilslowinski\m\0906311\AD46H60-shr+CrossSections.dgn



USER NAME	= neilslowinski	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/17/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

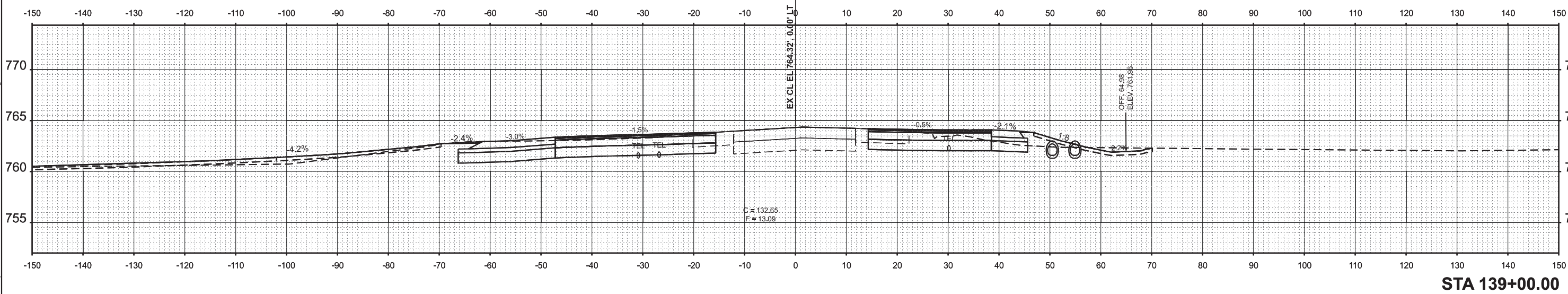
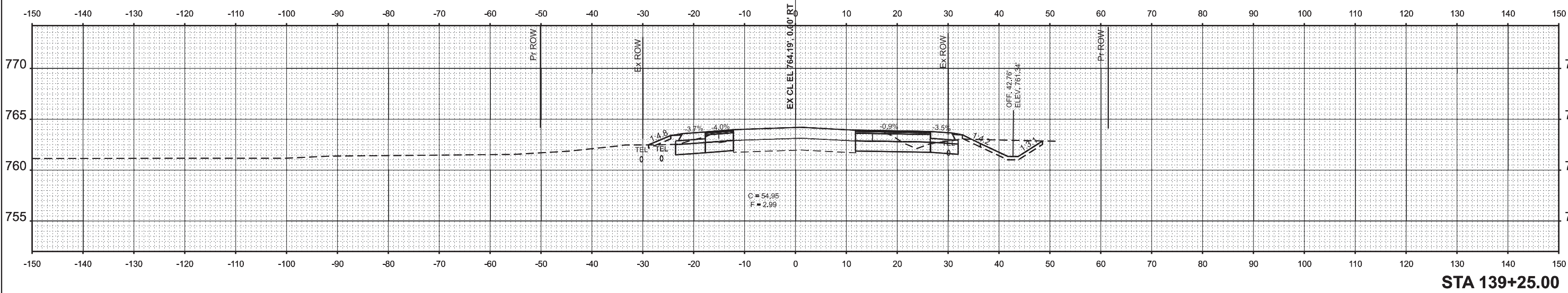
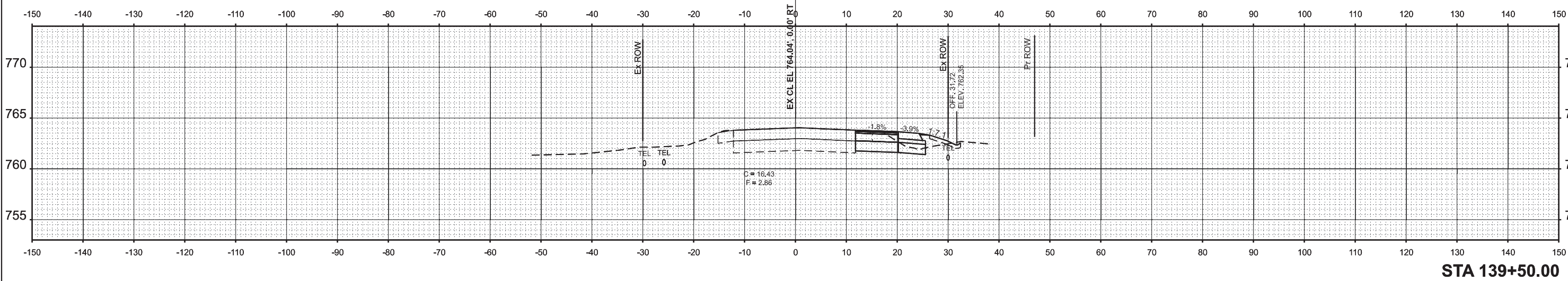
BUS 24
CROSS SECTIONS

SCALE: SHEET OF 10 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	34
CONTRACT NO. 68H60				
ILLINOIS FED. AID PROJECT				

TAZEWELL

MODEL: EXCL_BUS24 - 139+00.00 [Sheet]
FILE NAME: c:\pwworking\neil.slowinski\m\09063114\68H60-shr+CrossSections.dgn



USER NAME	= neil.slowinski	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/1/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

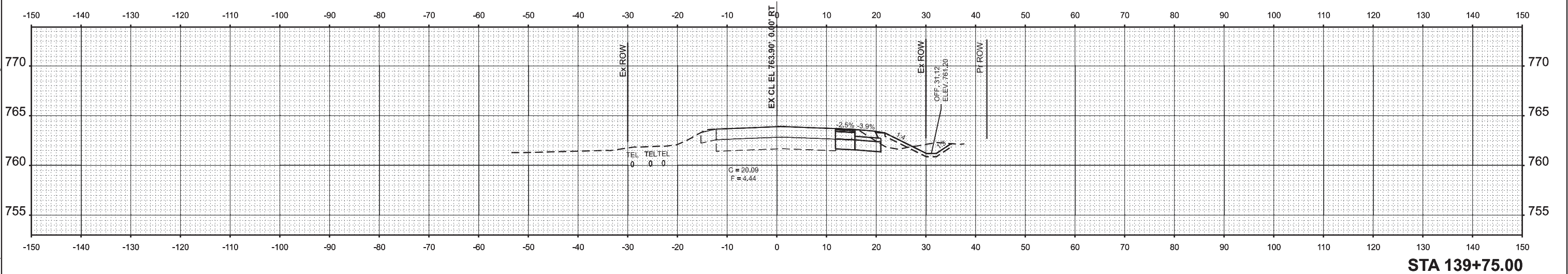
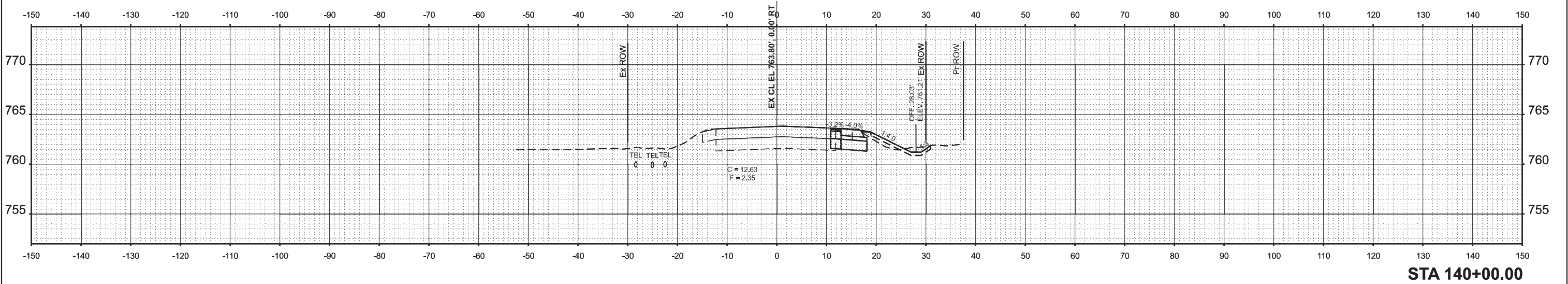
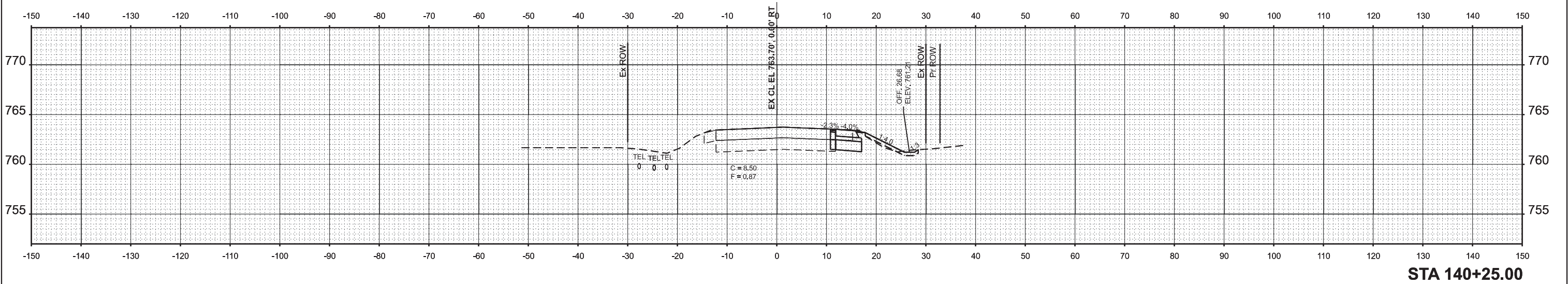
BUS 24
CROSS SECTIONS

SCALE: SHEET OF 10 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	35
CONTRACT NO. 68H60				
ILLINOIS FED. AID PROJECT				

TAZEWELL

MODEL: EXCL_BUS24 - 139+75.00 [Sheet]
FILE NAME: c:\pwworking\tdol\slowinski\m\09063114\468H60-shr+CrossSections.dgn



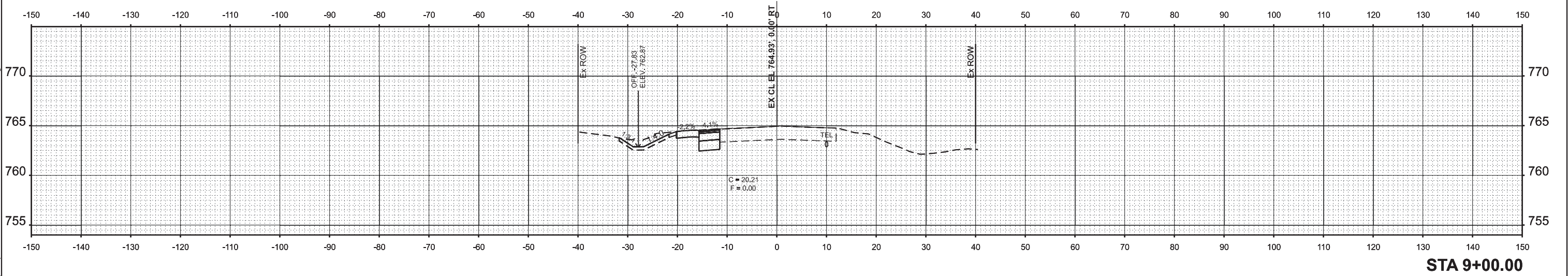
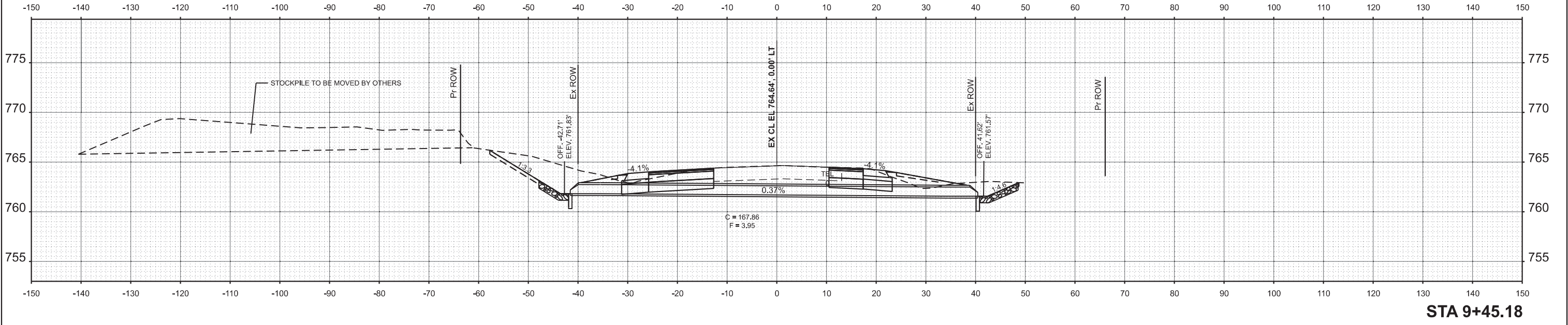
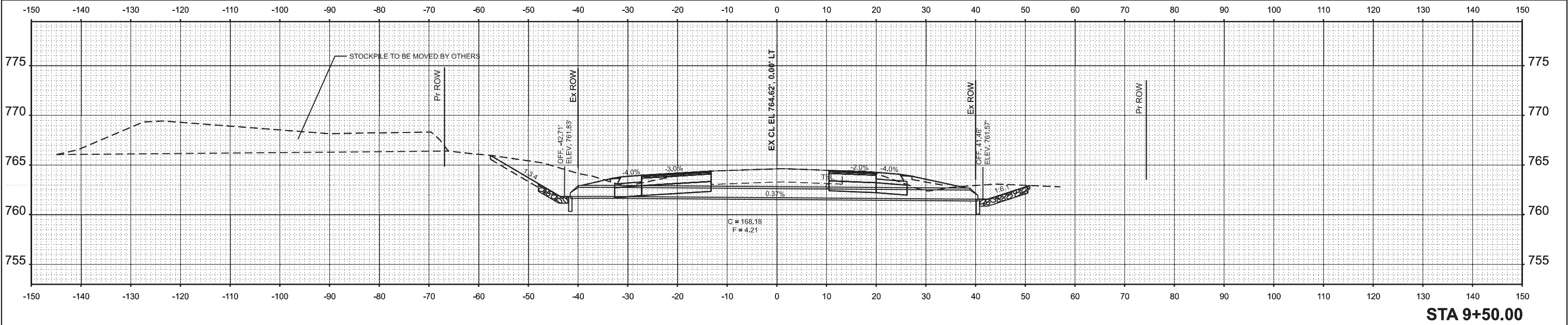
USER NAME	= neil.slowinski	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/1/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUS 24
CROSS SECTIONS

SCALE: SHEET OF 10 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	36
CONTRACT NO. 68H60				
		ILLINOIS	FED. AID PROJECT	TAZEWELL



MODEL: EXCL_DEEMACK-5-9+00.00 [Sheet]
FILE NAME: c:\p\work\deemack\slawinski\m\0906311\AD46H60-sh+CrossSections.dgn

USER NAME	= neil.slawinski	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/1/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

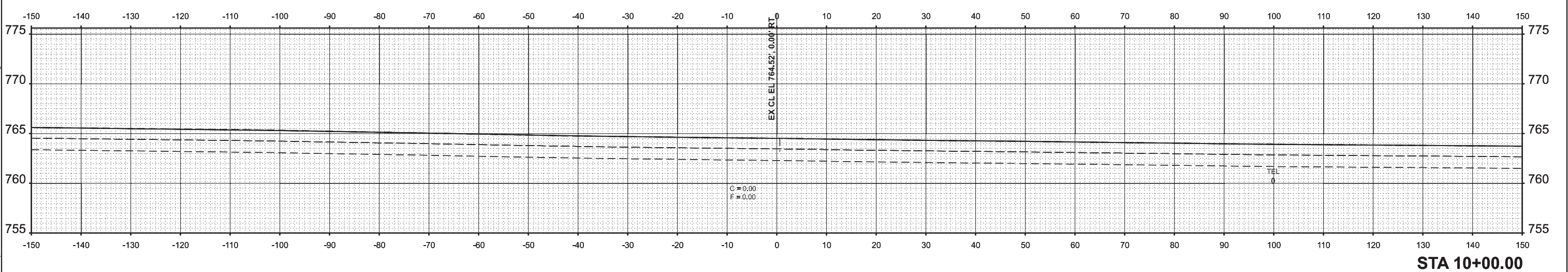
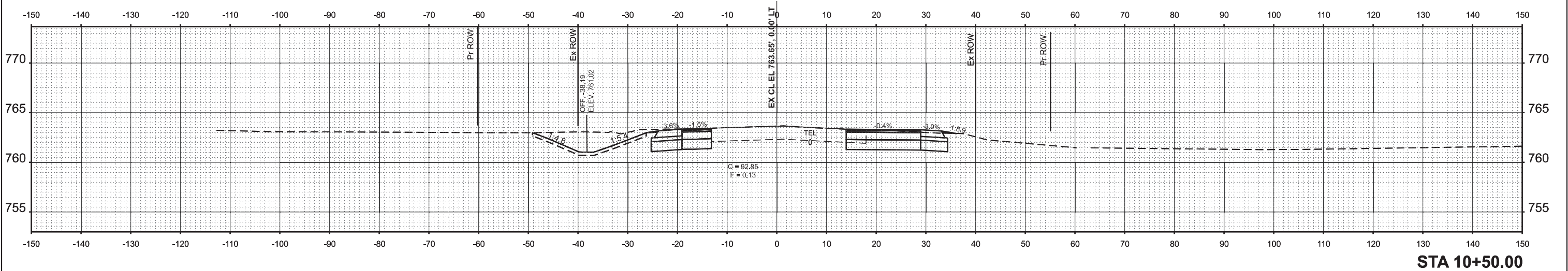
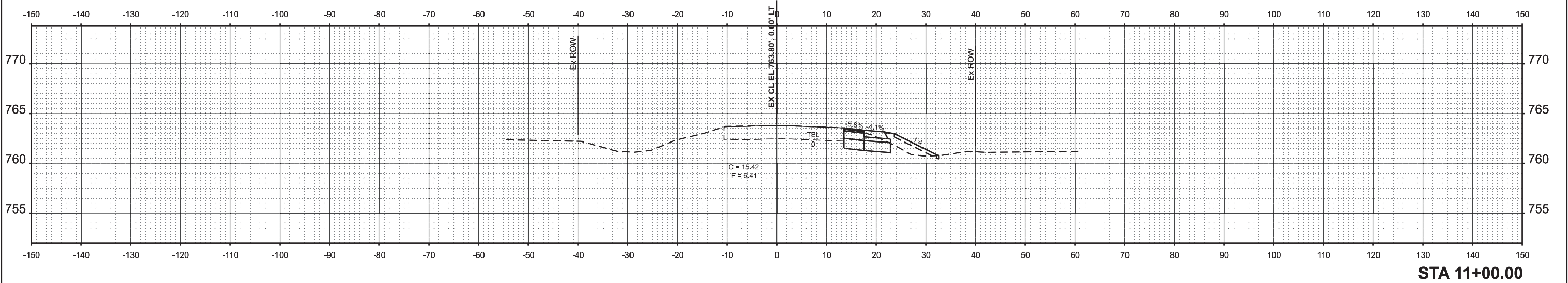
DEE MACK RD
CROSS SECTIONS

SCALE: 1"=10' SHEET OF 10 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	38
CONTRACT NO. 68H60				
ILLINOIS FED. AID PROJECT				

TAZEWELL

MODEL: EXCL_DEEMACK-5 - 10+00.00 [Sheet]
FILE NAME: c:\p\work\p\deemack-5\m\00963114\468H60-sh+CrossSections.dgn



USER NAME	= neil.slowinski	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/1/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

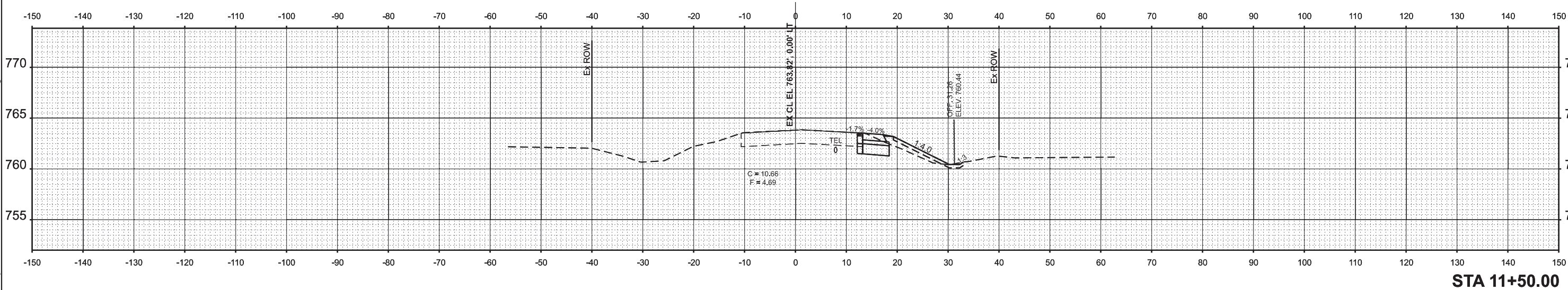
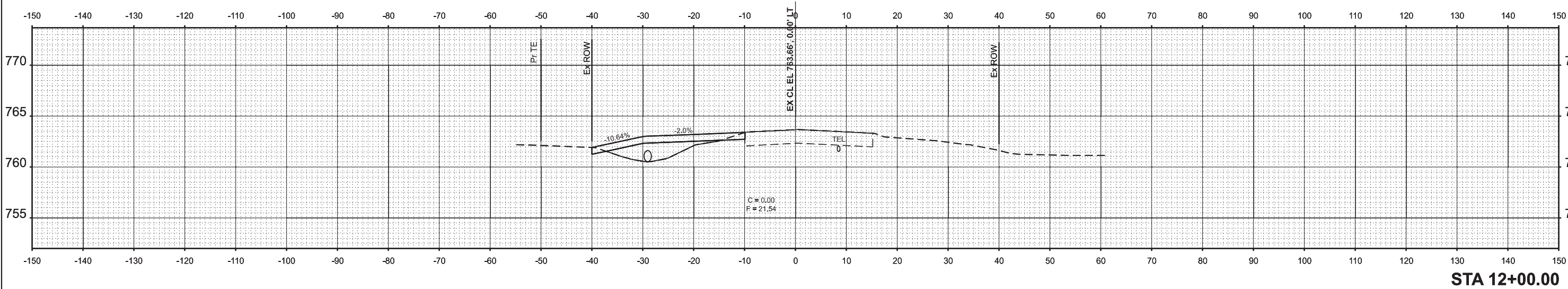
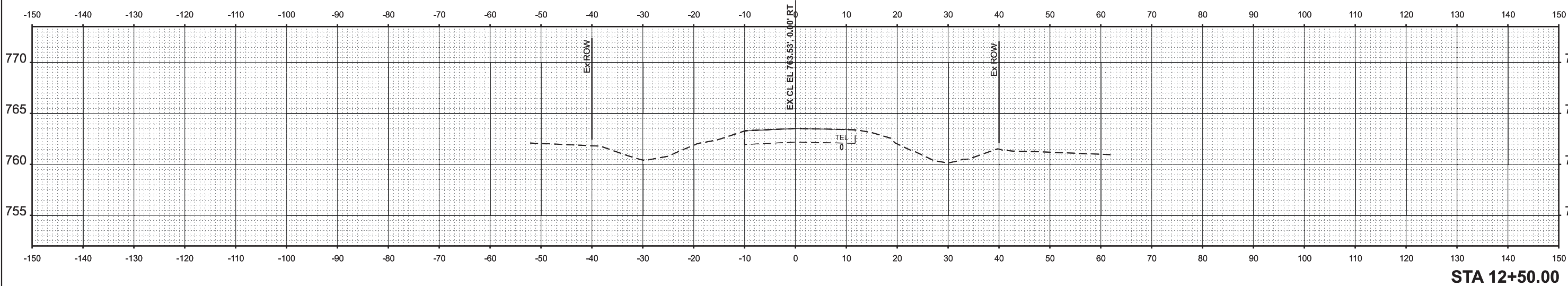
DEE MACK RD
CROSS SECTIONS

SCALE: 1"=10' SHEET OF 10 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	39
CONTRACT NO. 68H60				
ILLINOIS FED. AID PROJECT				

TAZEWELL

MODEL: EXCL_DEEMACK-5 - 11+50.00 [Sheet]
FILE NAME: c:\p\work\k\slawinski\m\0906311\AD46H60-shr+CrossSections.dgn



USER NAME	= neil.slawinski	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/1/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEE MACK RD
CROSS SECTIONS

SCALE: 1"=10' SHEET OF 10 SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
368	(35)N-2	TAZEWELL	40	40
CONTRACT NO. 68H60				
		ILLINOIS	FED. AID PROJECT	TAZEWELL