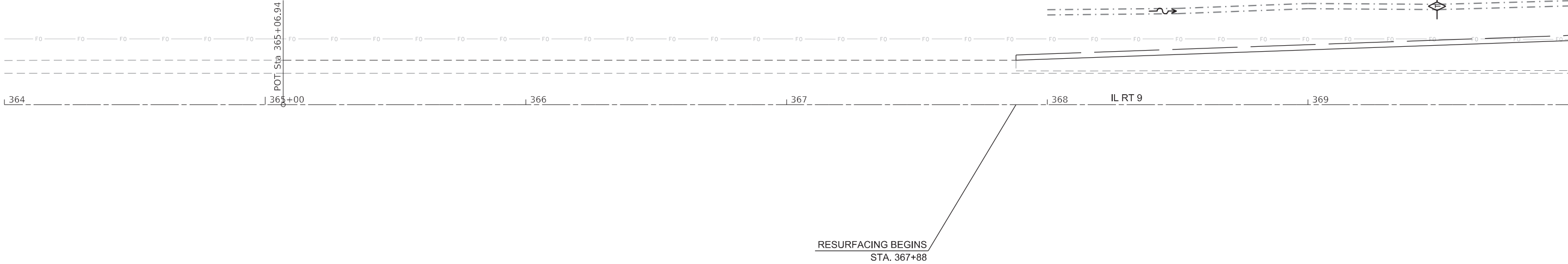


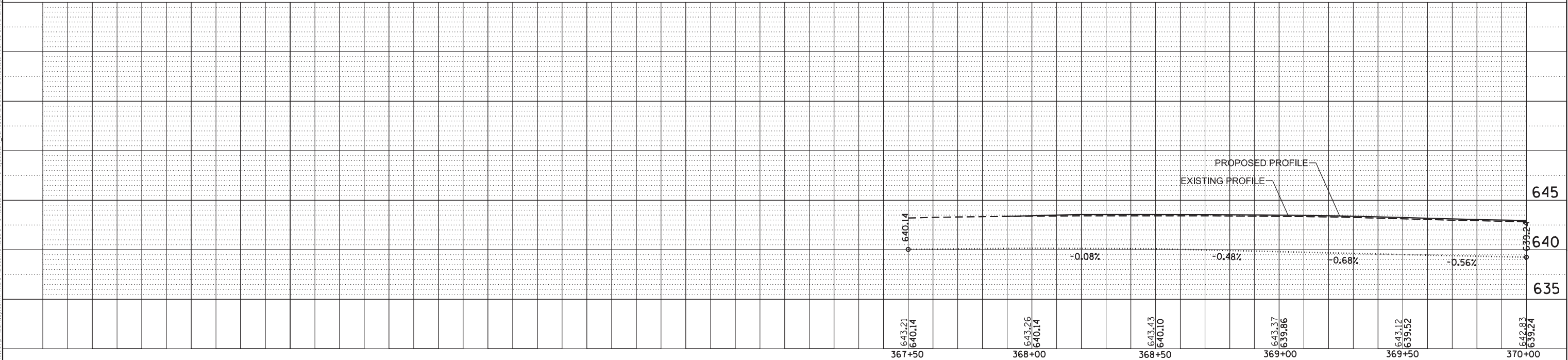
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	PLOTTED		
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	CADD FILE NAME		
NOTE BOOK NO.			

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHNG		
NOTE BOOK NO.			

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- LEGEND**
- FLOW DIRECTION
 - TEMPORARY DITCH CHECK
 - INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER
 - STRUCTURE TO BE REMOVED
 - MANHOLE STRUCTURE
 - STONE RIPRAP, CLASS A5
 - STONE RIPRAP, CLASS B3
 - LEFT DITCH PROFILE
 - PROPOSED DITCH



USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:40	CHECKED -	REVISED -
PLOT DATE = 3/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION / DRAINAGE PLANS - LEFT SIDE

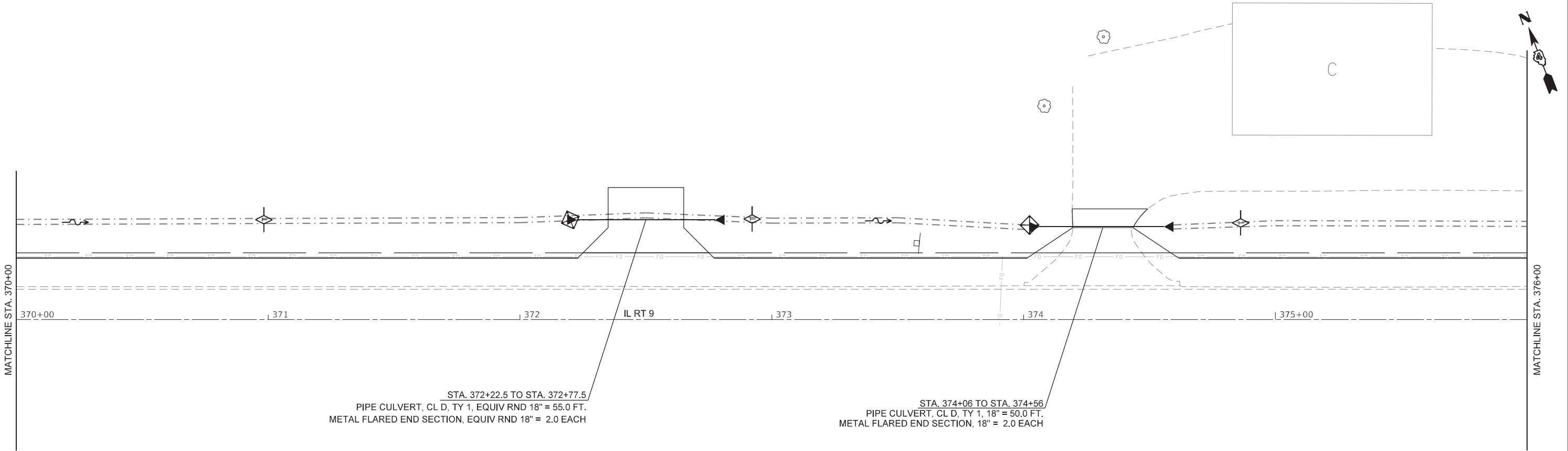
SCALE: SHEET 1 OF 26 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	101
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED PLOTTED	BY	DATE
NOTE BOOK NO. _____	ALIGNMENT CHECKED DATE _____	CADD FILE NAME _____	

PROFILE	SURVEYED PLOTTED	BY	DATE
NOTE BOOK NO. _____	GRADES CHECKED DATE _____	STRUCTURE NOTATIONS CHNG _____	

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LEGEND

FLOW DIRECTION

TEMPORARY DITCH CHECK

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

STRUCTURE TO BE REMOVED

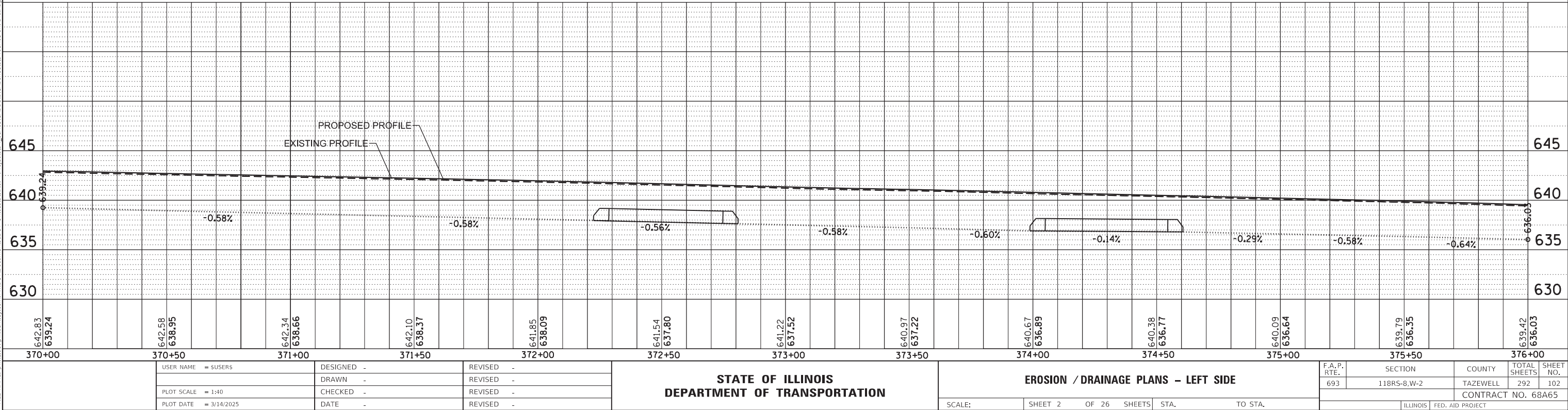
MANHOLE STRUCTURE

STONE RIPRAP, CLASS A5

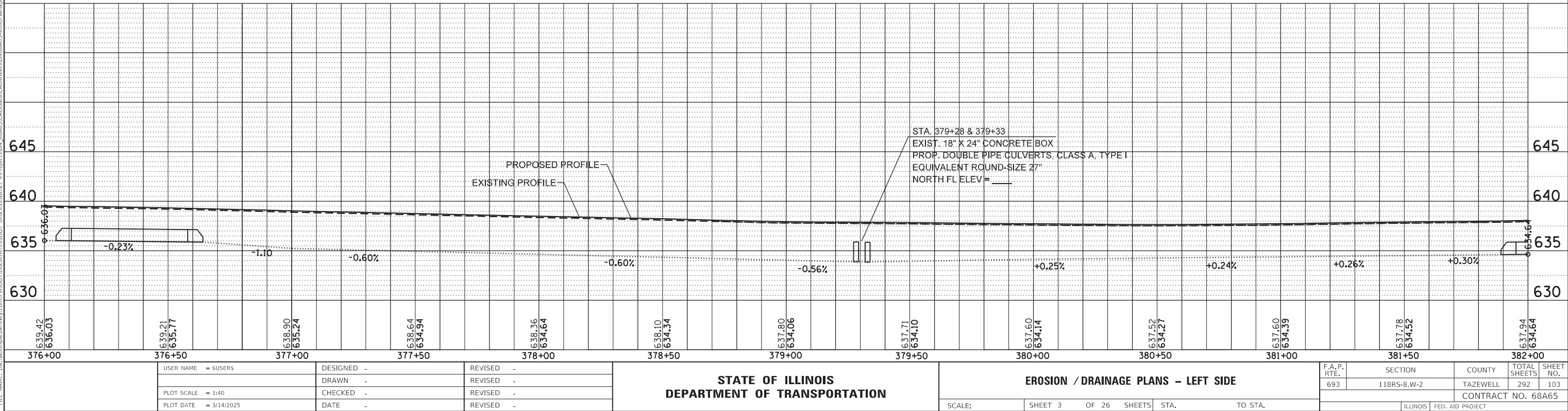
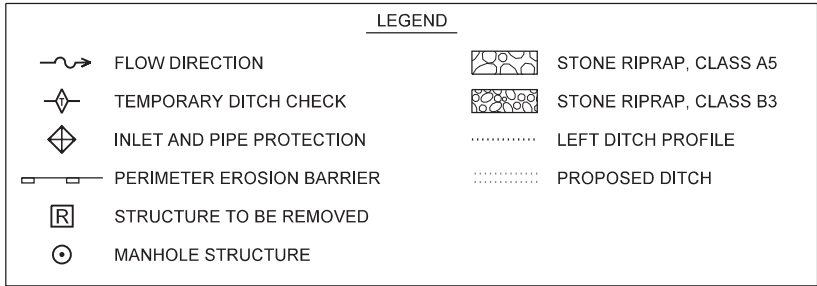
STONE RIPRAP, CLASS B3

LEFT DITCH PROFILE

PROPOSED DITCH

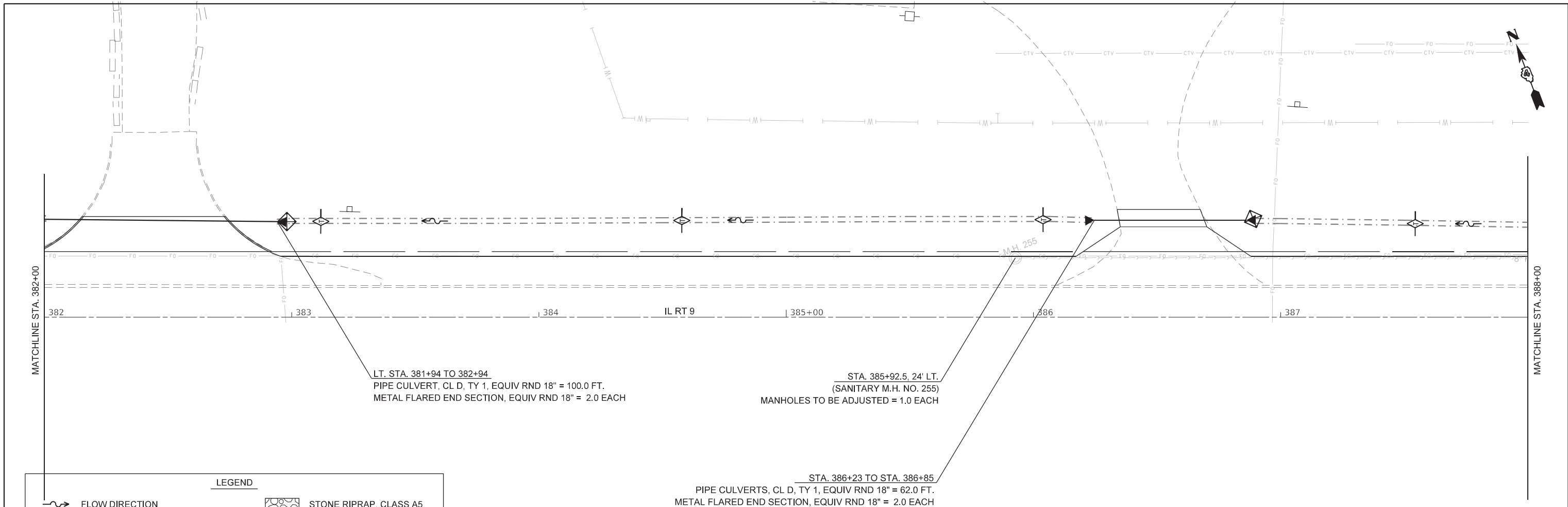


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NOTE BOOK	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHK'D _____		



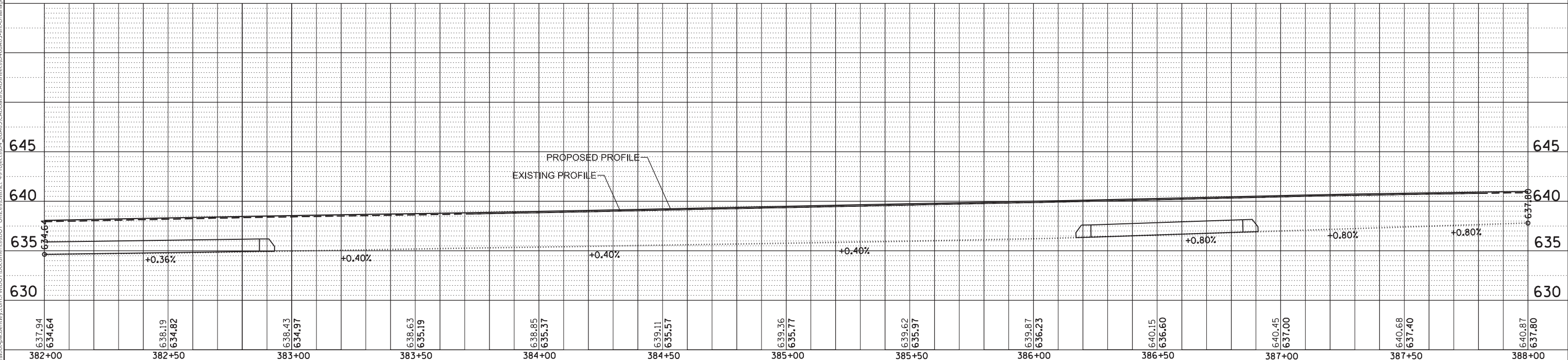
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	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHKD _____		

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LEGEND

	FLOW DIRECTION		STONE RIPRAP, CLASS A5
	TEMPORARY DITCH CHECK		STONE RIPRAP, CLASS B3
	INLET AND PIPE PROTECTION		LEFT DITCH PROFILE
	PERIMETER EROSION BARRIER		PROPOSED DITCH
	STRUCTURE TO BE REMOVED		
	MANHOLE STRUCTURE		

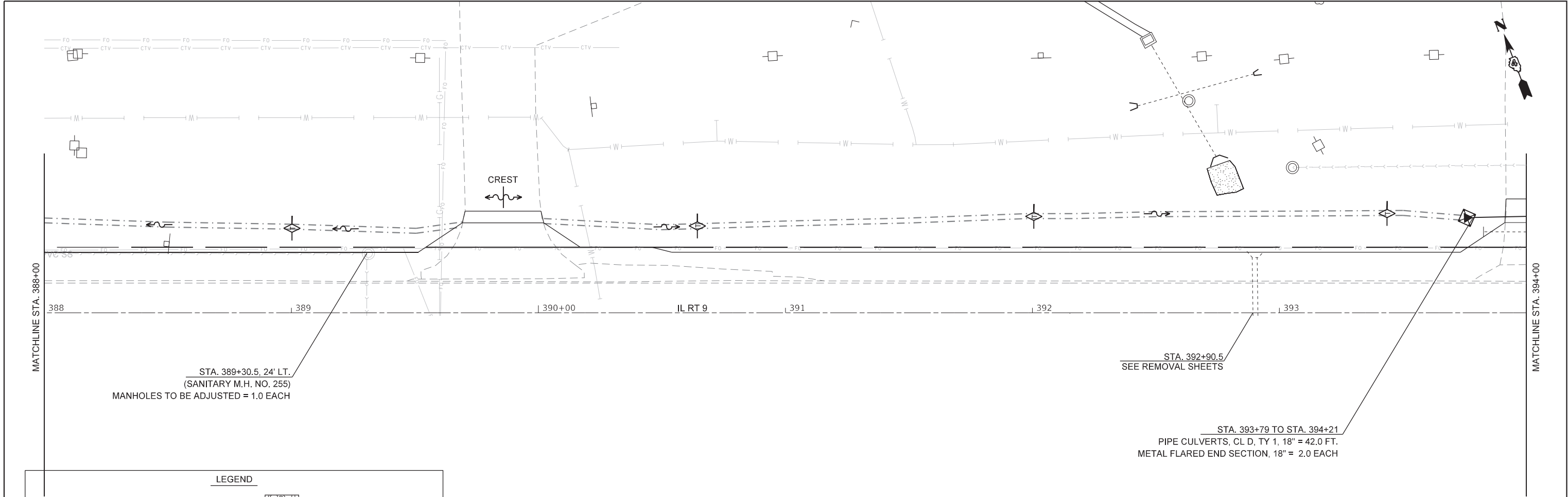


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	DRAWN -	REVISED -							693	118RS-8,W-2	TAZEWELL	292	104
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PLOT DATE = 3/14/2025	DATE -	REVISED -		SCALE:	SHEET 4	OF 26	SHEETS	STA.	TO STA.				

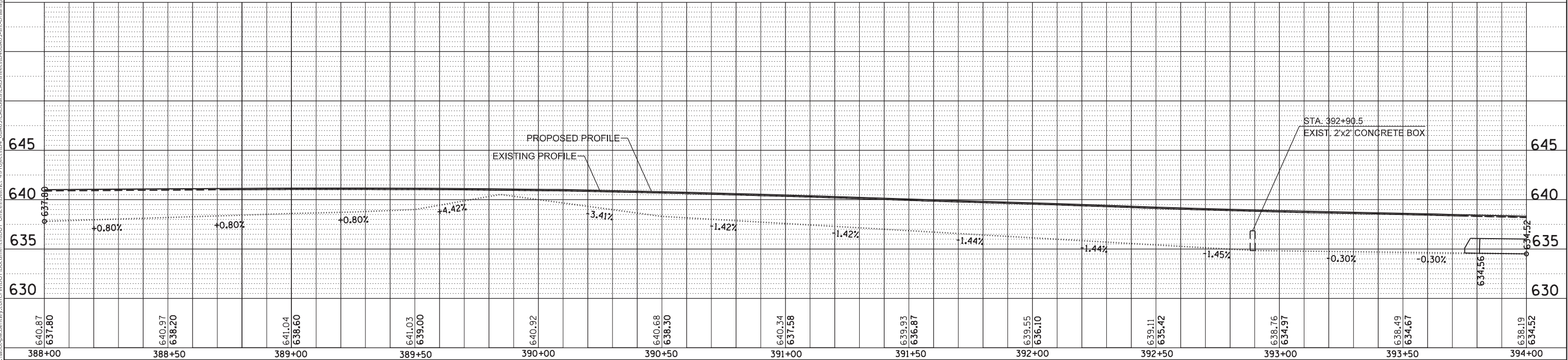
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	PLOTTED _____				
NOTE BOOK NO. _____	ALIGNMENT CHECKED _____			_____	_____
	RT. OF WAY CHECKED _____				
CADD FILE NAME _____					

PROFILE		BY	DATE
NOTE BOOK			
NO.			
SURVEYED _____			
PLOTTED _____			
GRADES CHECKED _____			
B.M. NOTED _____			
STRUCTURE NOTAT'NS CHKD _____			

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LEGEND	
	FLOW DIRECTION
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	STRUCTURE TO BE REMOVED
	MANHOLE STRUCTURE
	STONE RIPRAP, CLASS A5
	STONE RIPRAP, CLASS B3
	LEFT DITCH PROFILE
	PROPOSED DITCH



USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION / DRAINAGE PLANS - LEFT SIDE

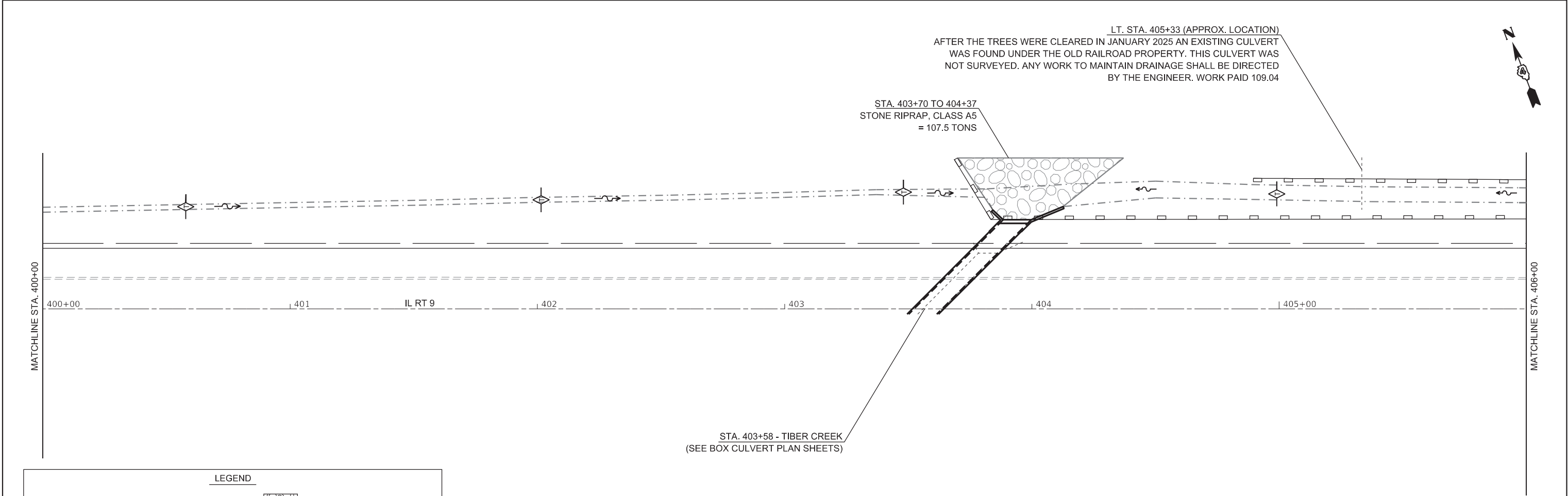
SCALE: SHEET 5 OF 26 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	105
CONTRACT NO. 68A65				
ILLINOIS		FED. AID PROJECT		

PLAN	SURVEYED PLOTTED ALIGNMENT CHECKED DATE CADD FILE NAME	BY	DATE
NOTE BOOK NO.			

PROFILE	SURVEYED PLOTTED GRADES CHECKED NOTE BOOK NO.	BY	DATE
STRUCTURE NOTATION CHNG			

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LEGEND

FLOW DIRECTION

TEMPORARY DITCH CHECK

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

STRUCTURE TO BE REMOVED

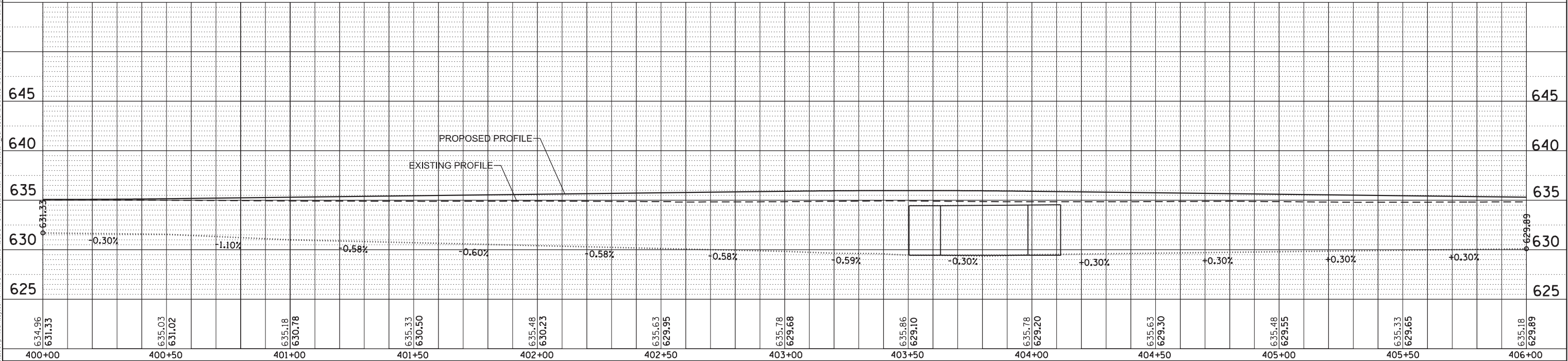
MANHOLE STRUCTURE

STONE RIPRAP, CLASS A5

STONE RIPRAP, CLASS B3

LEFT DITCH PROFILE

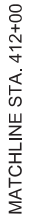
PROPOSED DITCH



USER NAME = \$USERS		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				EROSION / DRAINAGE PLANS - LEFT SIDE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -		CHECKED -	REVISED -									693	118R5-8,W-2	TAZEWELL	292	107
PLOT SCALE = 1:40		DATE -	REVISED -									CONTRACT NO. 68A65				
PLOT DATE = 3/14/2025												ILLINOIS FED. AID PROJECT				
				SCALE:				SHEET 7 OF 26 SHEETS		STA. TO STA.						

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHKD _____		

MATCHLINE STA. 406+00



The profile view graph displays two profiles: the Proposed Profile (solid line) and the Existing Profile (dashed line). The vertical axis represents elevation in feet, ranging from 625 to 645. The horizontal axis represents stationing, ranging from 406+00 to 412+00. The graph shows a constant grade of +0.30% for the existing profile and a proposed profile that follows the existing profile until station 409+50, where it begins to rise at a steeper grade of 0.40% (labeled as Flume Slope = 0.40%).

Station	Existing Profile Elevation (ft)	Proposed Profile Elevation (ft)
406+00	629.89	629.89
406+50	630.10	630.10
407+00	630.30	630.30
407+50	630.51	630.51
408+00	630.70	630.70
408+50	630.90	630.90
409+00	631.00	631.00
409+50	631.20	631.20
410+00	631.40	631.40
410+50	631.60	631.60
411+00	631.80	631.80
411+50	632.00	632.00
412+00	632.20	632.20

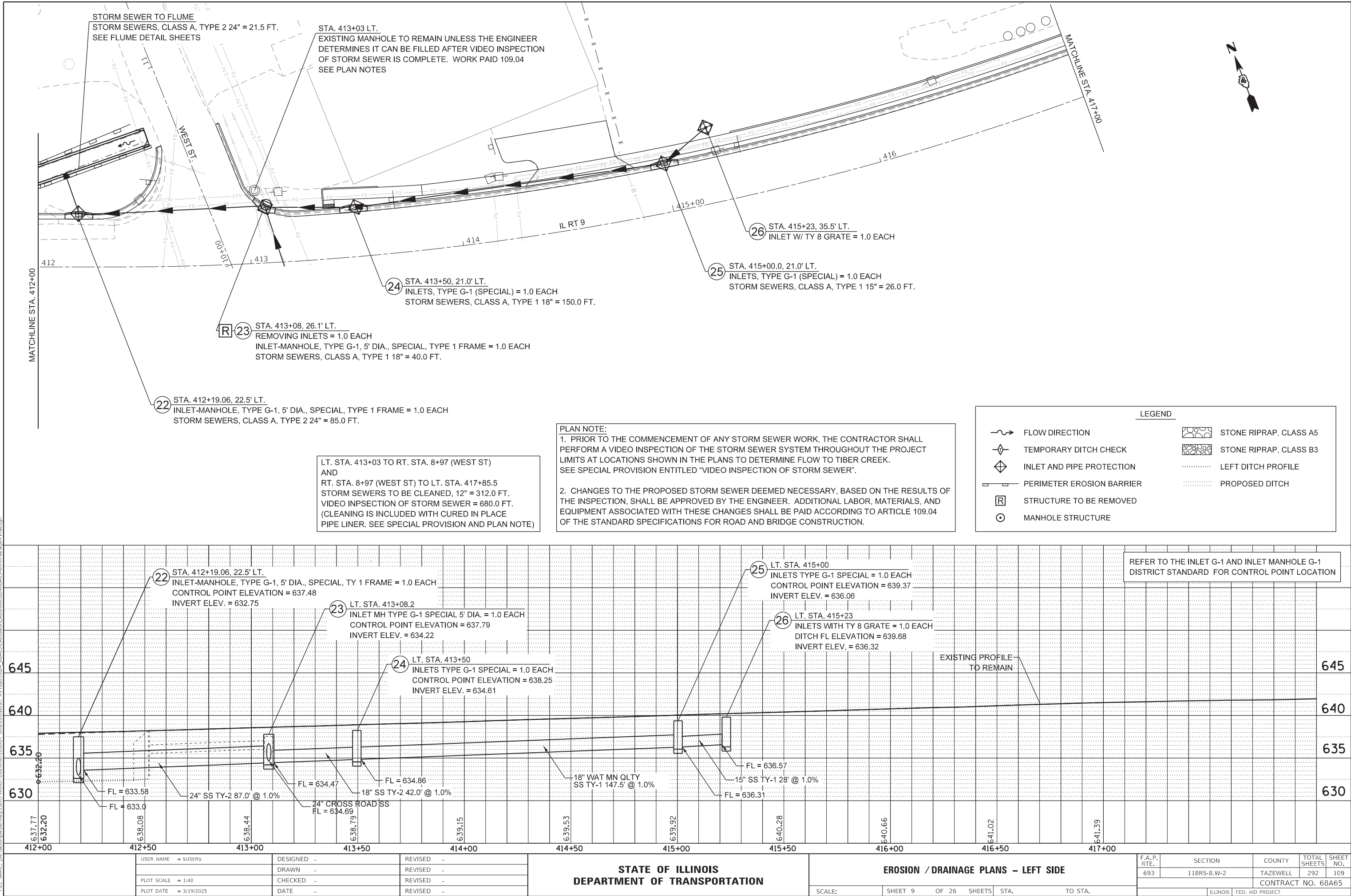
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION / DRAINAGE PLANS – LEFT SIDE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	108
		CONTRACT NO. 68A65		
ILLINOIS		FED. AID PROJECT		

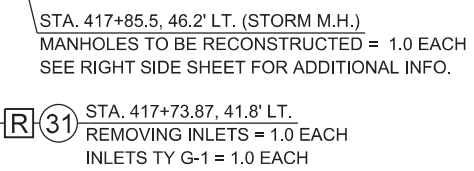
PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHKD _____		

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PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHKD _____		

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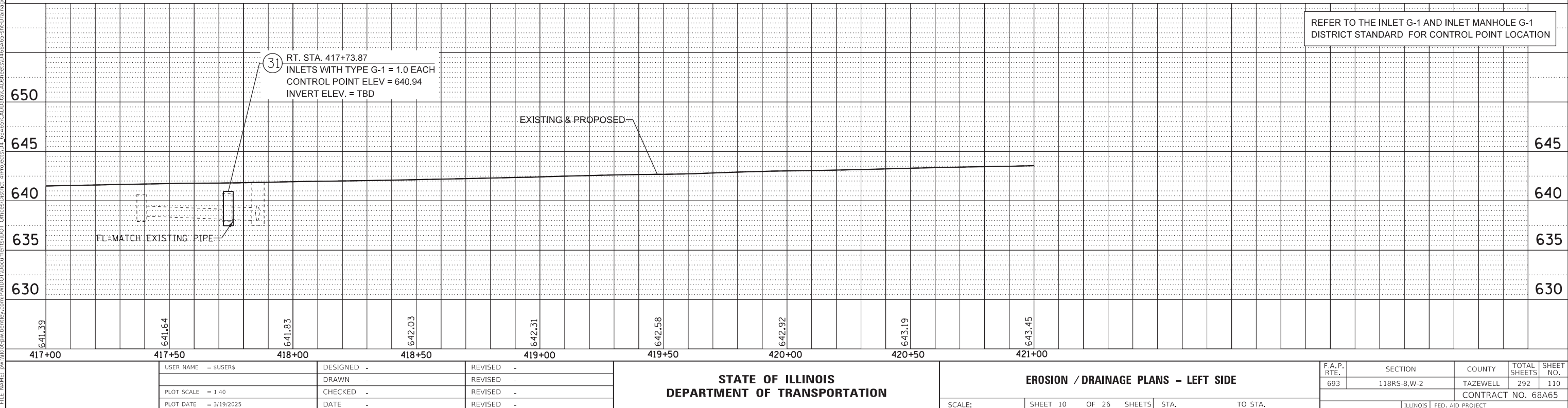


PLAN NOTE:

1. PRIOR TO THE COMMENCEMENT OF ANY STORM SEWER WORK, THE CONTRACTOR SHALL PERFORM A VIDEO INSPECTION OF THE STORM SEWER SYSTEM THROUGHOUT THE PROJECT LIMITS AT LOCATIONS SHOWN IN THE PLANS TO DETERMINE FLOW TO TIBER CREEK. SEE SPECIAL PROVISION ENTITLED "VIDEO INSPECTION OF STORM SEWER".

2. CHANGES TO THE PROPOSED STORM SEWER DEEMED NECESSARY, BASED ON THE RESULTS OF THE INSPECTION, SHALL BE APPROVED BY THE ENGINEER. ADDITIONAL LABOR, MATERIALS, AND EQUIPMENT ASSOCIATED WITH THESE CHANGES SHALL BE PAID ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

</



PROFILE		BY	DATE
	SURVEYED _____		
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHK'D _____		

PLAN VIEW

STATION 421+00

STATION 422

STATION 423

STATION 424

STATION 425+00

STATION 426

STATION 427+00

IL RT 9

SAMPSON ST. 11

ST. 422+28.7, 45.6' LT.
INLETS TO BE ADJUSTED (SPECIAL) = 1 EACH

SEE RIGHT SIDE SHEET FOR INFORMATION
CONCERNING MANHOLE IN CENTER OF
THE SAMPSON STREET INTERSECTION

EXISTING STORM
SEWERS TO REMAIN

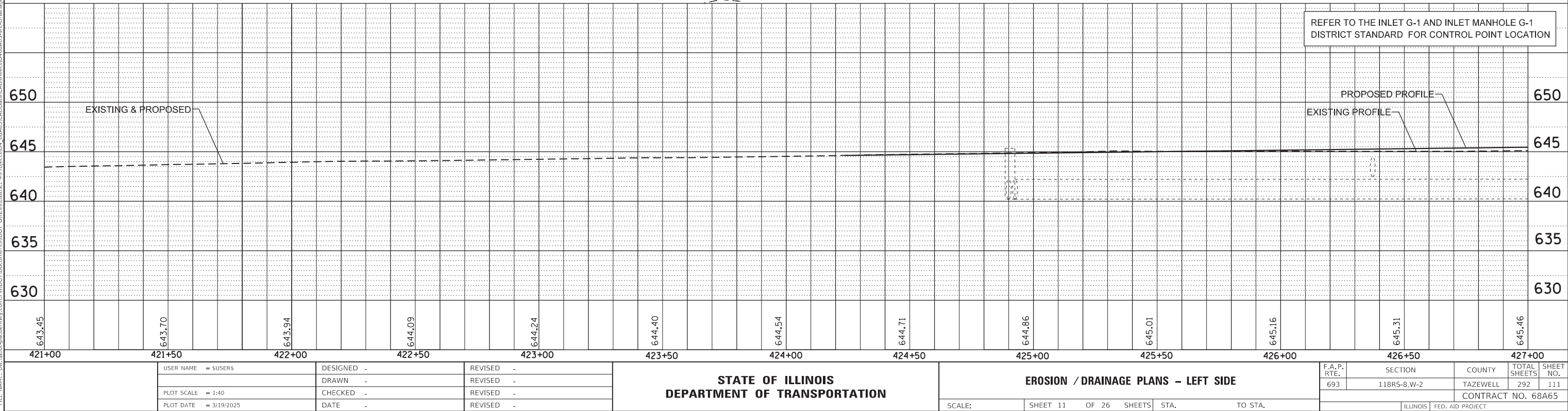
ST. 424+89.5, 37.2' LT.
REMOVING MANHOLES = 1.0 EACH

Matchline Sta. 421+00

Matchline Sta. 427+00

North Arrow

LEGEND			
	FLOW DIRECTION		STONE RIPRAP, CLASS A5
	TEMPORARY DITCH CHECK		STONE RIPRAP, CLASS B3
	INLET AND PIPE PROTECTION		LEFT DITCH PROFILE
	PERIMETER EROSION BARRIER		PROPOSED DITCH
	STRUCTURE TO BE REMOVED		
	MANHOLE STRUCTURE		



PROFILE		BY	DATE
	SURVEYED _____		
	PLOTTED _____		
NOTE BOOK	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHK'D _____		

Plan view of the proposed 10 ft wide station extension for the Harris St. station. The diagram shows the station layout with various inlets (FO, CTV, G-1) and dimensions. Key features include the matchline at station 427+00, the station extension from station 429+81.33 to 430+00, and the station extension from station 429+90.70 to 430+00. The diagram also shows the intersection with Harris St. and the adjacent Metro station. A north arrow is located in the top right corner.

Matchline Sta. 427+00

IL RT 9

HARRIS ST.

10 ft wide station extension

Sta. 429+81.33

Sta. 430+00

Sta. 429+90.70

36

STA. 427+20, 22.7' LT.
REMOVING INLETS = 1.0 EACH
INLET, TYPE G-1 (SPECIAL) = 1.0 EACH

40

STA. 430+19.53, 22.7' LT.
REMOVING INLETS = 1.0 EACH
INLET, TYPE G-1 = 1.0 EACH

30

STA. 429+90.70, 36.9' LT.

METRO

427 428 429 430+00 431 432

N

										REFER TO THE INLET G-1 AND INLET MANHOLE G-1 DISTRICT STANDARD FOR CONTROL POINT LOCATION									

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHKD _____		

MATCHLINE STA. 433+00



EXISTING & PROPOSED

[illegible]

PLAN	SURVEYED PLOTTED	BY	DATE
NOTE BOOK NO. _____	ALIGNMENT CHECKED DATE _____ CADD FILE NAME _____		

PROFILE	SURVEYED PLOTTED	BY	DATE
NOTE BOOK NO. _____	GRADES CHECKED DATE _____ STRUCTURE NOTATIONS CHNGD		

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LEGEND

FLOW DIRECTION

TEMPORARY DITCH CHECK

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

STRUCTURE TO BE REMOVED

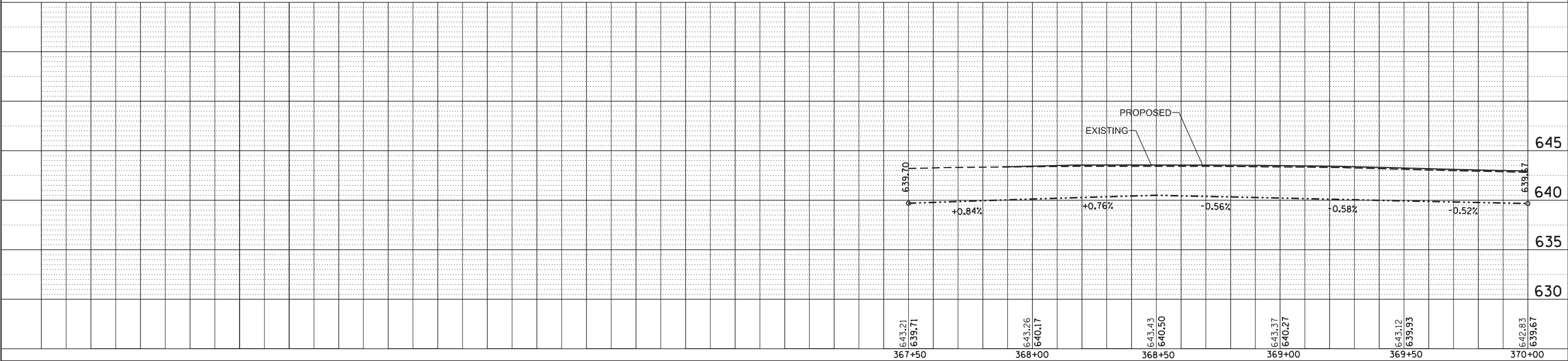
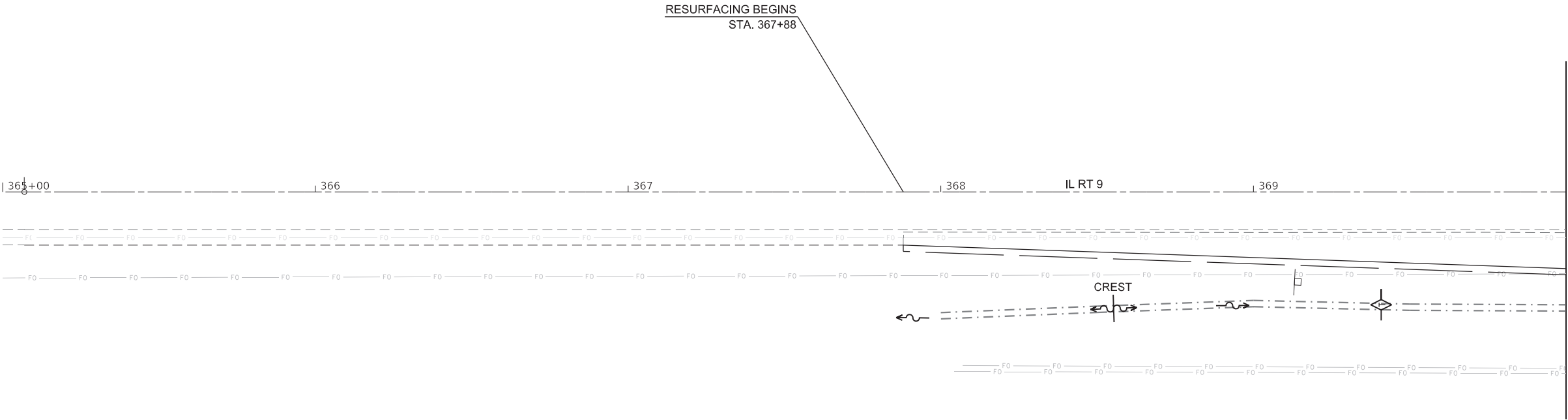
MANHOLE STRUCTURE

STONE RIPRAP, CLASS A5

STONE RIPRAP, CLASS B3

RIGHT DITCH PROFILE

PROPOSED DITCH BOTTOM



USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:40	CHECKED -	REVISED -
PLOT DATE = 3/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

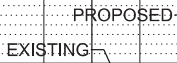
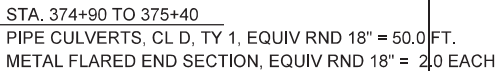
EROSION / DRAINAGE PLANS – RIGHT SIDE

SCALE: SHEET 14 OF 26 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	114
CONTRACT NO. 68A65				
ILLINOIS		FED. AID PROJECT		

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHKD _____		

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	115
		CONTRACT NO. 68A65		
ILLINOIS		FED. AID PROJECT		

PROFILE			BY	DATE
	SURVEYED			
	PLOTTED			
NOTE BOOK	GRADES CHECKED			
	B.M. NOTED			
NO. _____	STRUCTURE NOTATIONS CHKD			

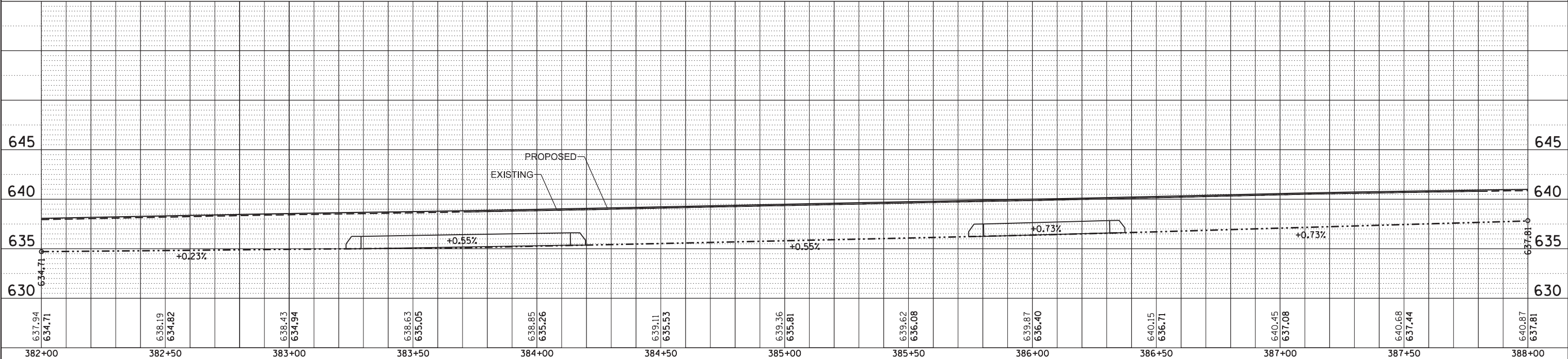
<u>LEGEND</u>			
	FLOW DIRECTION		STONE RIPRAP, CLASS A5
	TEMPORARY DITCH CHECK		STONE RIPRAP, CLASS B3
	INLET AND PIPE PROTECTION		RIGHT DITCH PROFILE
	PERIMETER EROSION BARRIER		PROPOSED DITCH BOTTOM
	STRUCTURE TO BE REMOVED		
	MANHOLE STRUCTURE		



USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION / DRAINAGE PLANS – RIGHT SIDE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						693	118RS-8,W-2	TAZEWELL	292	116
PLOT SCALE = 1:40	CHECKED -	REVISED -							CONTRACT NO. 68A65			
PLOT DATE = 3/14/2025	DATE -	REVISED -		SCALE:	SHEET 16 OF 26 SHEETS	STA.	TO STA.					
								ILLINOIS FED. AID PROJECT				

PROFILE	BY	DATE
SURVEYED _____		
PLOTTED _____		
GRADES CHECKED _____		
B.M. NOTED _____		
STRUCTURE NOTATIONS CHKD _____		

LEGEND	
	FLOW DIRECTION
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	STRUCTURE TO BE REMOVED
	MANHOLE STRUCTURE
	STONE RIPRAP, CLASS A5
	STONE RIPRAP, CLASS B3
	RIGHT DITCH PROFILE
	PROPOSED DITCH BOTTOM



USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION / DRAINAGE PLANS – RIGHT SIDE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						693	118RS-8,W-2	TAZEWELL	292	117
PLOT SCALE = 1:40	CHECKED -	REVISED -							CONTRACT NO. 68A65			
PLOT DATE = 3/14/2025	DATE -	REVISED -		SCALE:	SHEET 17 OF 26 SHEETS	STA.	TO STA.					
									ILLINOIS	FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
STRUCTURE TO BE REMOVED	ALIGNMENT CHECKED		
CAUD FILE NAME	FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
STRUCTURE NOTATIONS CHNG	GRADES CHECKED		
	FILE NAME		

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FILE NAME: p:\118r5-8\w\benlley.com\PWIDOT\Documents\DOT Offices\District 4\Projects\DI_68A65\CADData\CADsheets\DI_68A65-sho-Drainage-Final.dgn

LEGEND

FLOW DIRECTION

TEMPORARY DITCH CHECK

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

STRUCTURE TO BE REMOVED

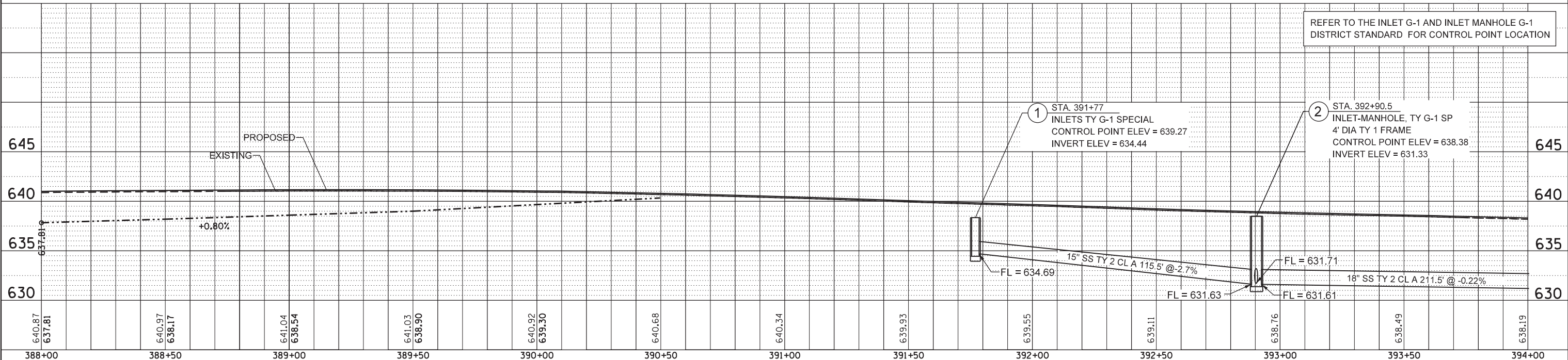
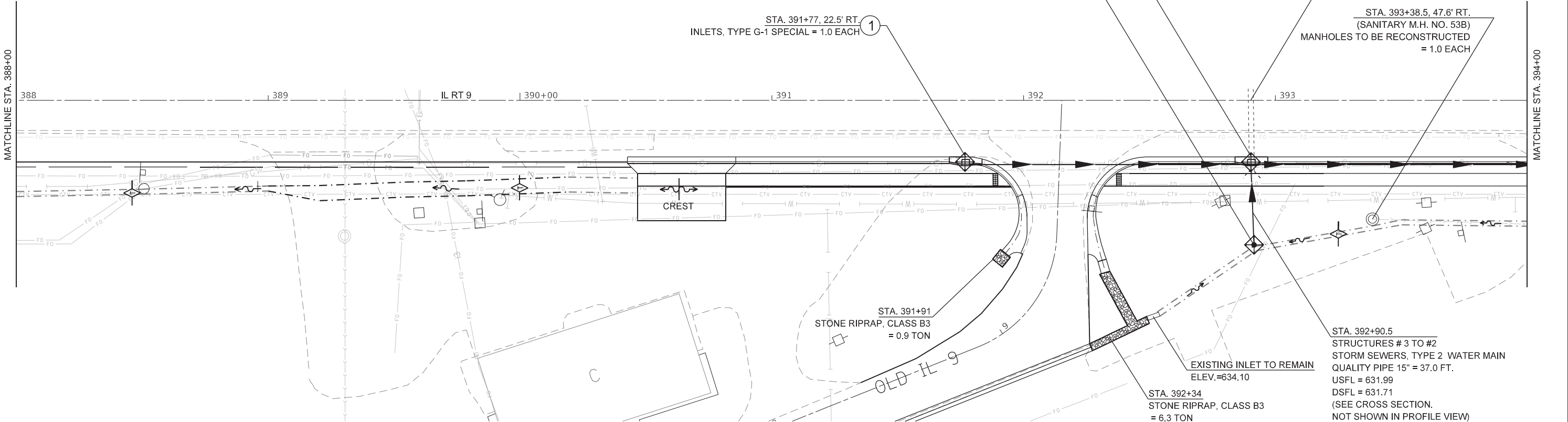
MANHOLE STRUCTURE

STONE RIPRAP, CLASS A5

STONE RIPRAP, CLASS B3

RIGHT DITCH PROFILE

PROPOSED DITCH BOTTOM



REFER TO THE INLET G-1 AND INLET MANHOLE G-1
DISTRICT STANDARD FOR CONTROL POINT LOCATION

1 STA. 391+77
INLETS TY G-1 SPECIAL
CONTROL POINT ELEV = 639.27
INVERT ELEV = 634.44

2 STA. 392+90.5
INLET-MANHOLE, TY G-1 SP
4' DIA TY 1 FRAME
CONTROL POINT ELEV = 638.38
INVERT ELEV = 631.33

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:40	CHECKED -	REVISED -
PLOT DATE = 3/19/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

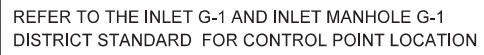
EROSION / DRAINAGE PLANS - RIGHT SIDE

SCALE: SHEET 18 OF 26 SHEETS STA. 388+00 TO STA. 394+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8-W-2	TAZEWELL	292	118
CONTRACT NO. 68A65				
ILLINOIS		FED. AID PROJECT		

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHKD _____		

LEGEND	
	FLOW DIRECTION
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	STRUCTURE TO BE REMOVED
	MANHOLE STRUCTURE
	STONE RIPRAP, CLASS A5
	STONE RIPRAP, CLASS B3
	RIGHT DITCH PROFILE
	PROPOSED DITCH BOTTOM



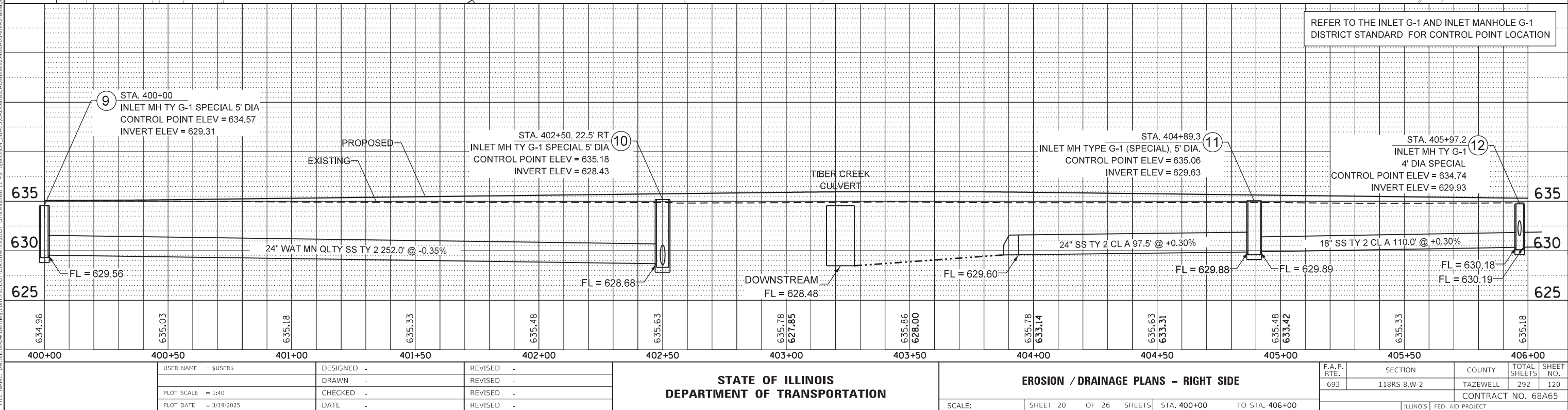
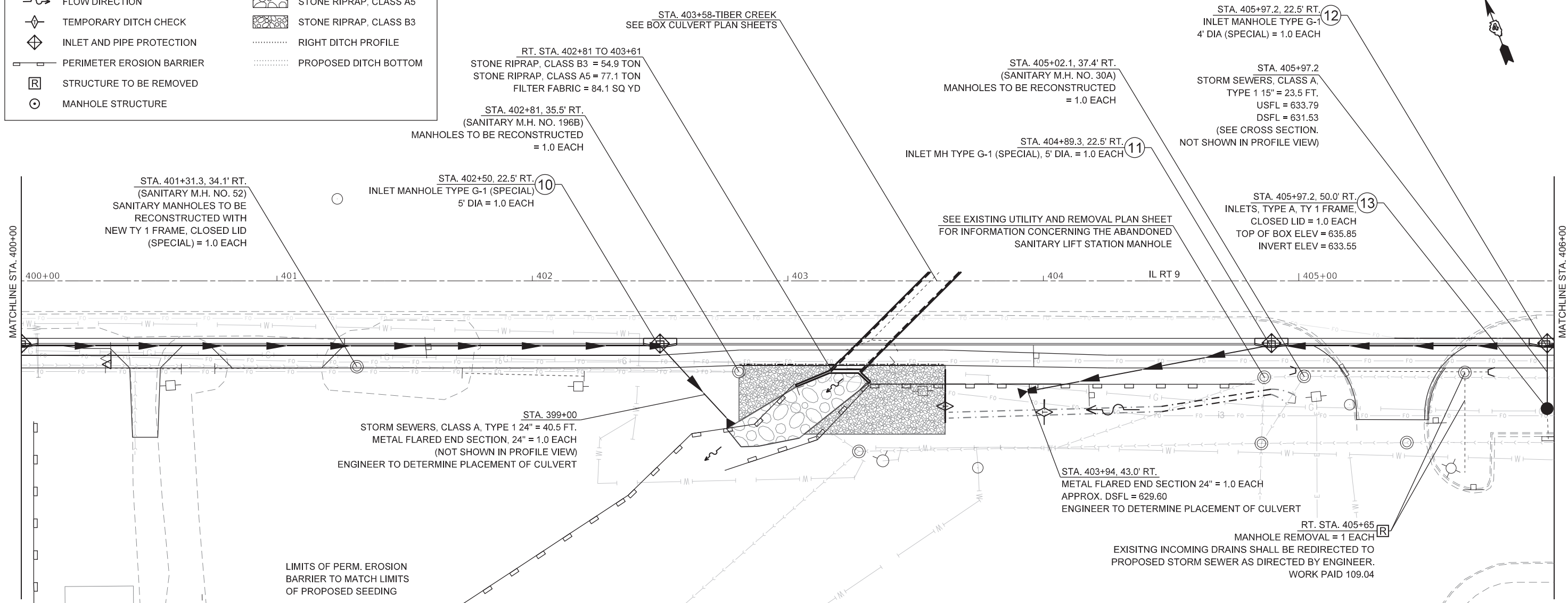
EROSION / DRAINAGE PLANS – RIGHT SIDE

SCALE:	SHEET 19	OF 26	SHEETS	STA. 394+00	TO STA. 400+00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	119
		CONTRACT NO. 68A65		
ILLINOIS		FED. AID PROJECT		

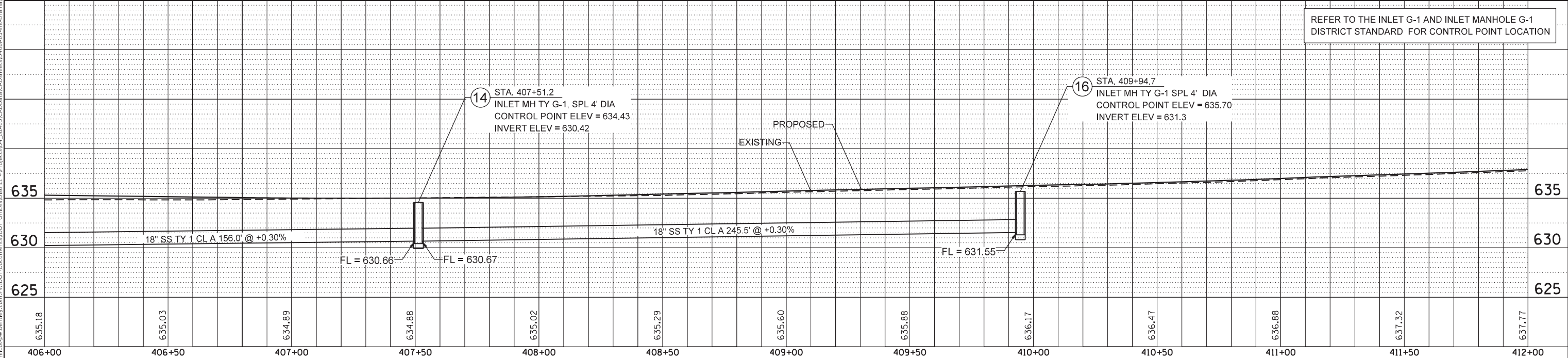
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	PLOTTED _____		
	GRADES CHECKED _____		
	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHECKED _____		
NOTE BOOK _____			
NO. _____			

LEGEND	
	FLOW DIRECTION
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	STRUCTURE TO BE REMOVED
	MANHOLE STRUCTURE
	STONE RIPRAP, CLASS A5
	STONE RIPRAP, CLASS B3
	RIGHT DITCH PROFILE
	PROPOSED DITCH BOTTOM



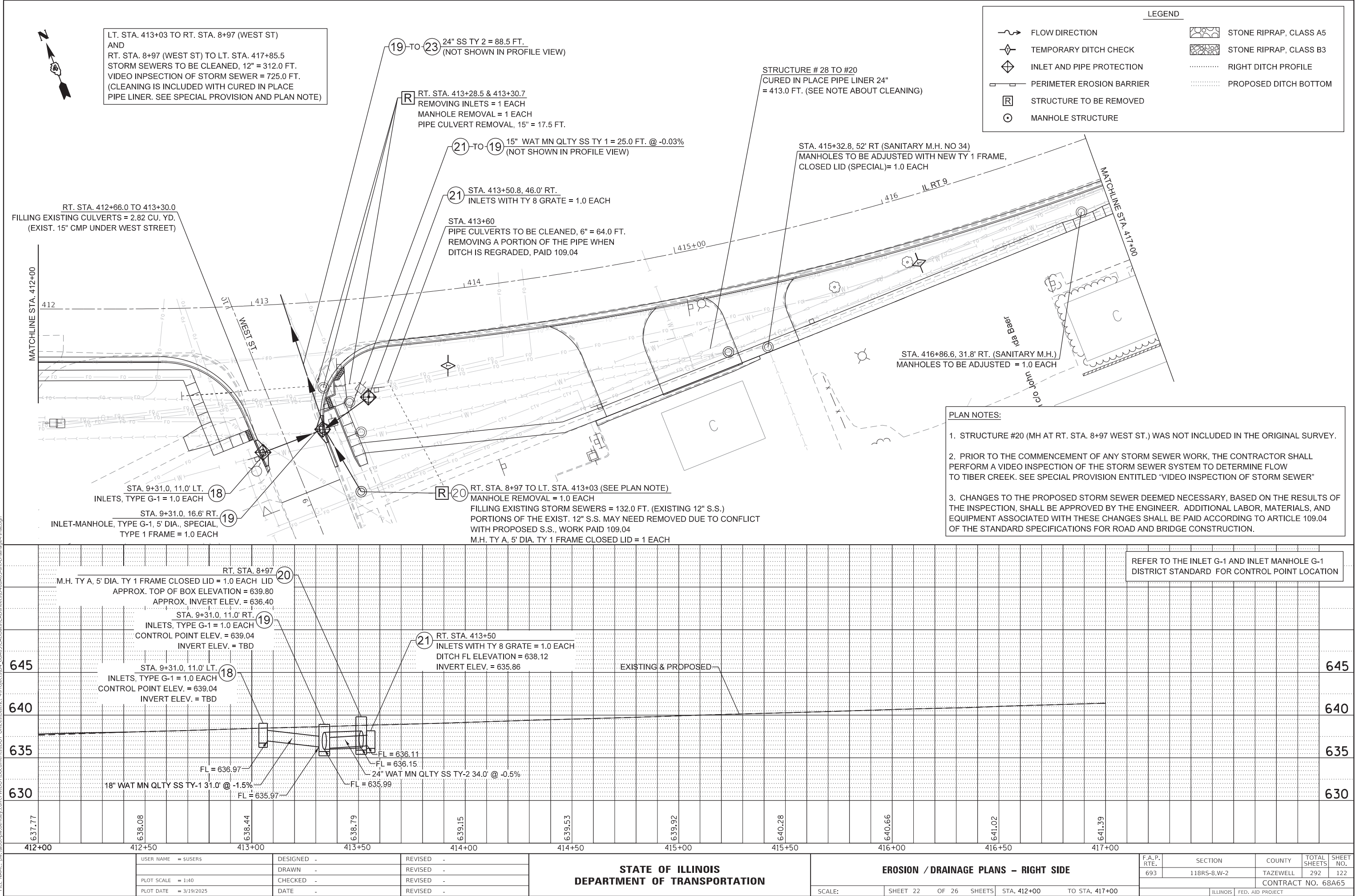
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	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHKD _____		

LEGEND	
	FLOW DIRECTION
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	STRUCTURE TO BE REMOVED
	MANHOLE STRUCTURE
	STONE RIPRAP, CLASS A5
	STONE RIPRAP, CLASS B3
	RIGHT DITCH PROFILE
	PROPOSED DITCH BOTTOM



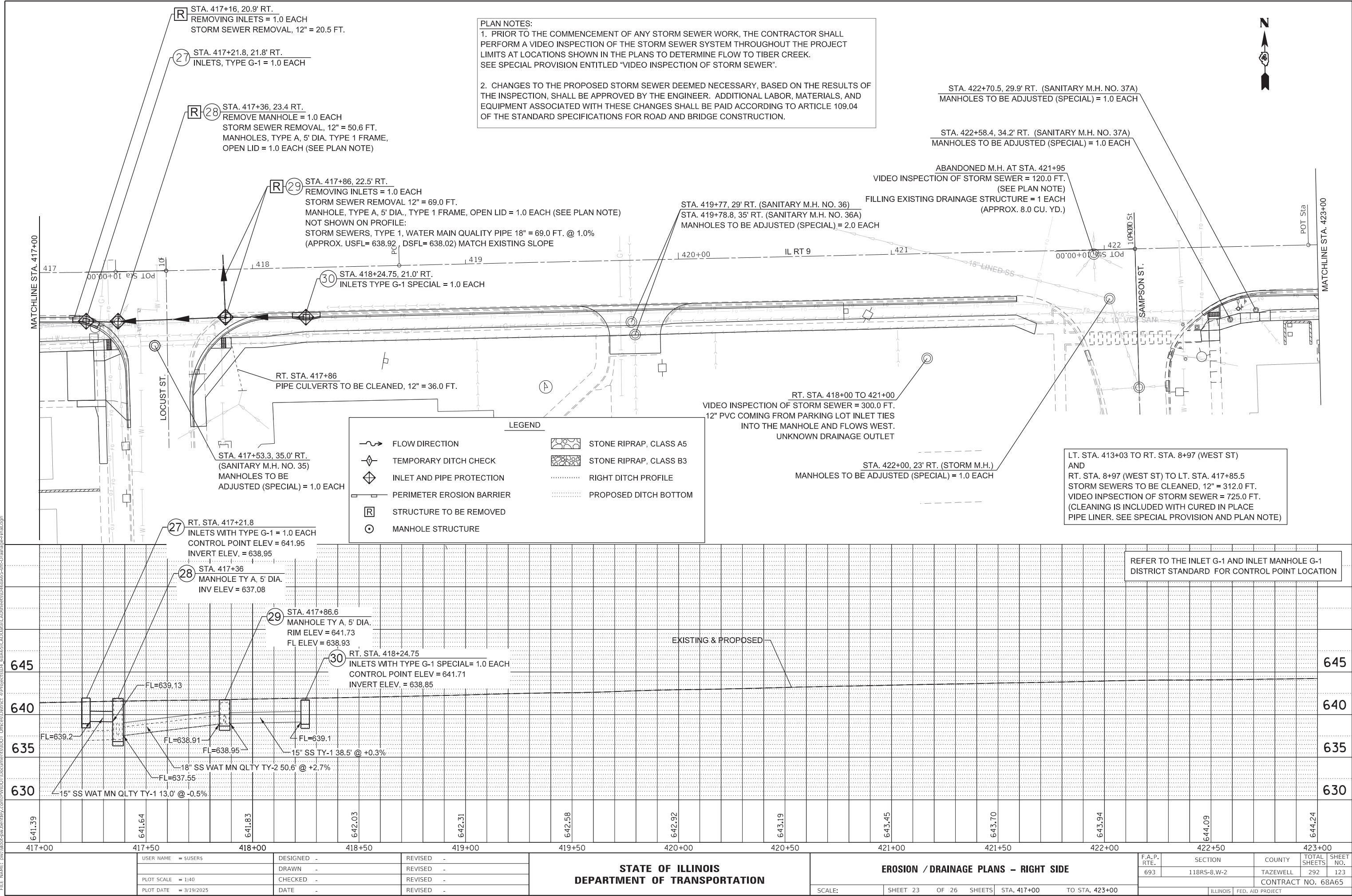
USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION / DRAINAGE PLANS – RIGHT SIDE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -						693	118RS-8,W-2	TAZEWELL	292	121	
PLOT SCALE = 1:40	CHECKED -	REVISED -		CONTRACT NO. 68A65									
PLOT DATE = 3/19/2025	DATE -	REVISED -		SCALE:	SHEET 21	OF 26	SHEETS	STA. 406+00	TO STA. 412+00				
				ILLINOIS FED. AID PROJECT									

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHKD _____		



PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHKD _____		

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PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CH'KD _____		

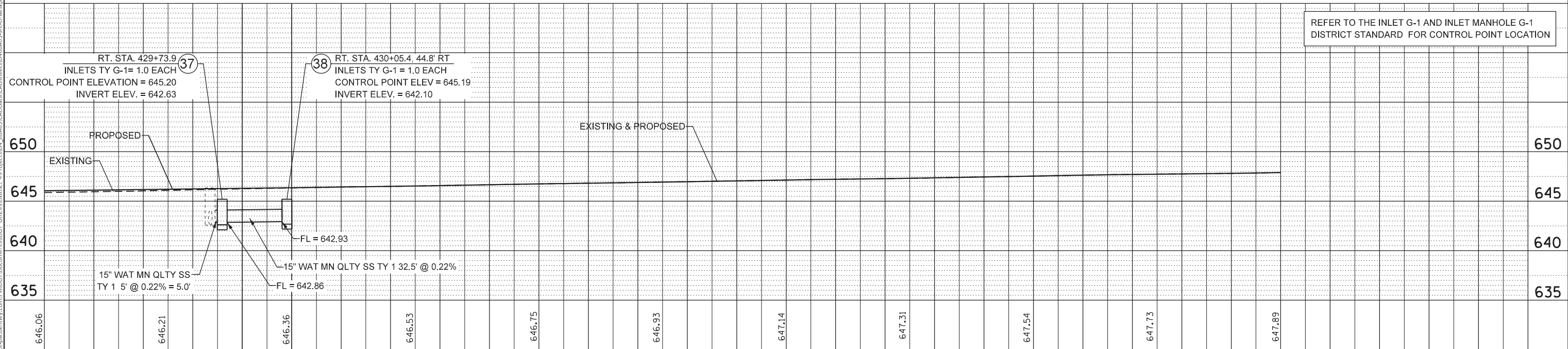
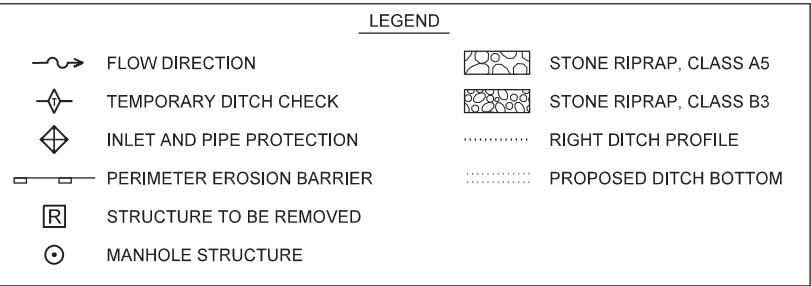
LEGEND	
	FLOW DIRECTION
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	STRUCTURE TO BE REMOVED
	MANHOLE STRUCTURE
	STONE RIPRAP, CLASS A5
	STONE RIPRAP, CLASS B3
	RIGHT DITCH PROFILE
	PROPOSED DITCH BOTTOM



USER NAME = SUSER5	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION / DRAINAGE PLANS – RIGHT SIDE					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -							693	118RS-8,W-2	TAZEWELL	292	124
PLOT SCALE = 1:40	CHECKED -	REVISED -							CONTRACT NO. 68A65				
PLOT DATE = 3/19/2025	DATE -	REVISED -		SCALE:	SHEET 24	OF 26	SHEETS	STA. 423+00	TO STA. 429+00			ILLINOIS	FED. AID PROJECT

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHKD _____		

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

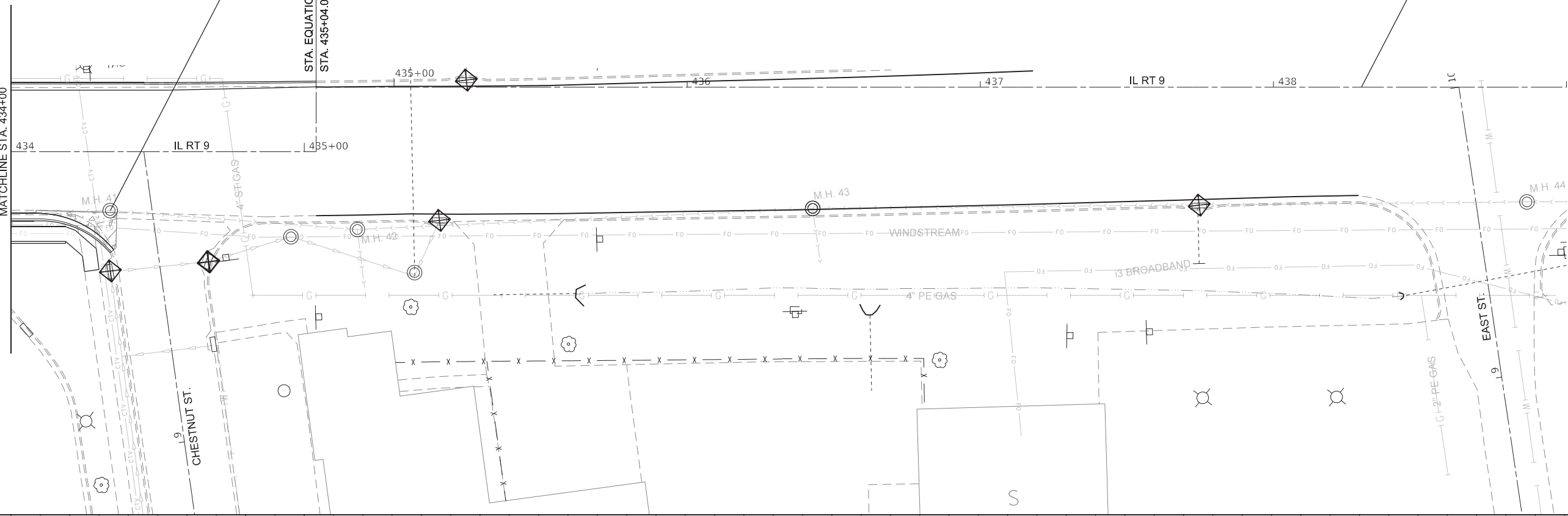
EROSION / DRAINAGE PLANS – RIGHT SIDE					
SCALE:	SHEET 25	OF 26	SHEETS	STA. 429+00	TO STA. 434+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	125
		CONTRACT NO. 68A65		
		ILLINOIS	FED. AID PROJECT	

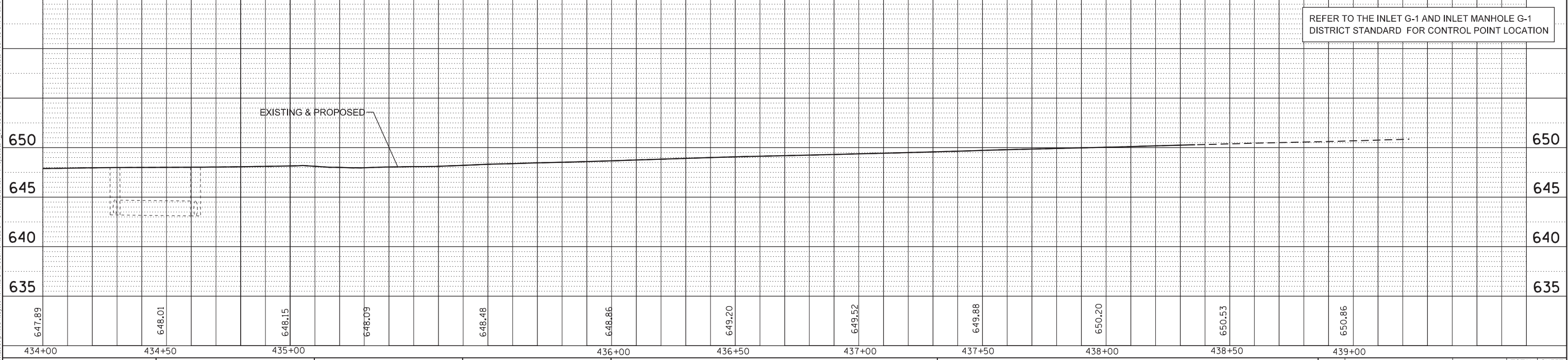
PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHKD _____		

STA. 434+34, 20.0' RT. (SANITARY M.H. NO. 41)
MANHOLES TO BE ADJUSTED (SPECIAL) = 1.0 EACH

STA. EQUATION
STA. 435+04.09 BK = STA. 434+73.42 AH



REFER TO THE INLET G-1 AND INLET MANHOLE G-1
DISTRICT STANDARD FOR CONTROL POINT LOCATION



USER NAME = \$USER\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:40	CHECKED -	REVISED -
PLOT DATE = 3/19/2025	DATE -	REVISED -

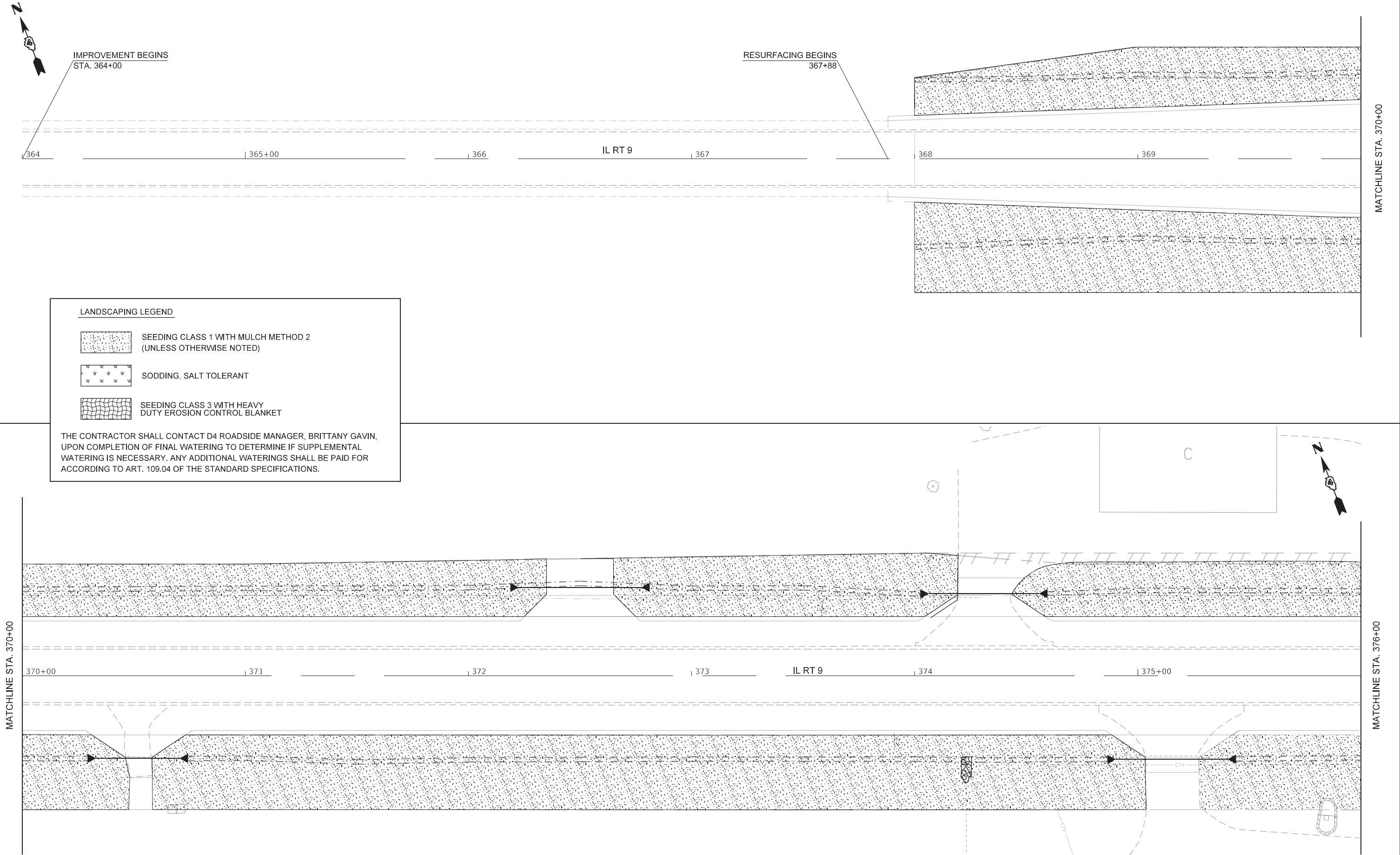
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION / DRAINAGE PLANS – RIGHT SIDE

SCALE:	SHEET 26	OF 26	SHEETS	STA. 434+00	TO STA. 439+00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	126
		CONTRACT NO. 68A65		
ILLINOIS		FED. AID PROJECT		

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USER NAME	= \$USERS	DESIGNED	-
DRAWN	-	REVISED	-
PLOT SCALE	= 1:40	CHECKED	-
PLOT DATE	= 2/14/2025	DATE	-

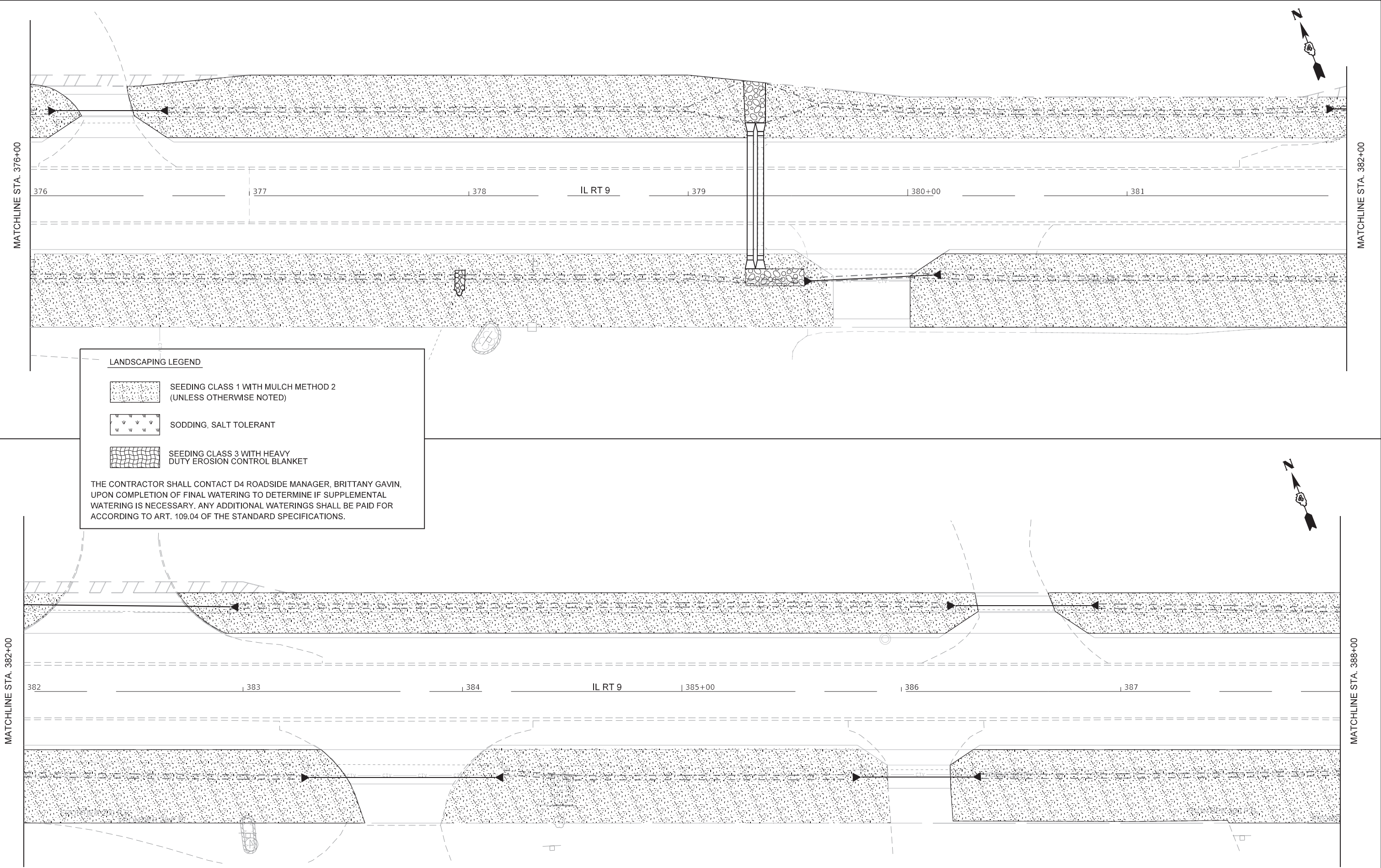
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN

SCALE: SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	127
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

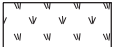
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LANDSCAPING LEGEND



SEEDING CLASS 1 WITH MULCH METHOD 2
(UNLESS OTHERWISE NOTED)



SODDING, SALT TOLERANT



SEEDING CLASS 3 WITH HEAVY
DUTY EROSION CONTROL BLANKET

THE CONTRACTOR SHALL CONTACT D4 ROADSIDE MANAGER, BRITTANY GAVIN,
UPON COMPLETION OF FINAL WATERING TO DETERMINE IF SUPPLEMENTAL
WATERING IS NECESSARY. ANY ADDITIONAL WATERINGS SHALL BE PAID FOR
ACCORDING TO ART. 109.04 OF THE STANDARD SPECIFICATIONS.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

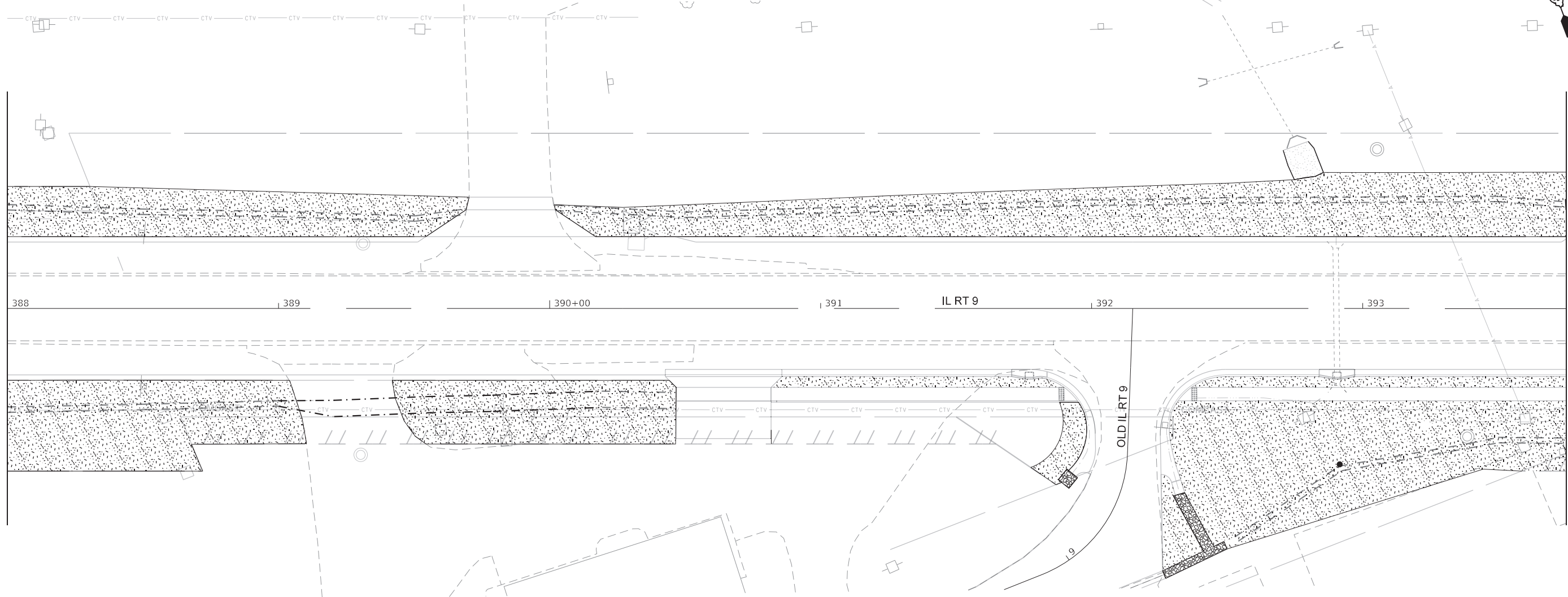
LANDSCAPING PLAN

SCALE: SHEET 2 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	128
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

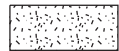
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MATCHLINE STA. 388+00

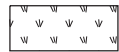


MATCHLINE STA. 393+75

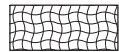
LANDSCAPING LEGEND



SEEDING CLASS 1 WITH MULCH METHOD 2
(UNLESS OTHERWISE NOTED)



SODDING, SALT TOLERANT



SEEDING CLASS 3 WITH HEAVY
DUTY EROSION CONTROL BLANKET

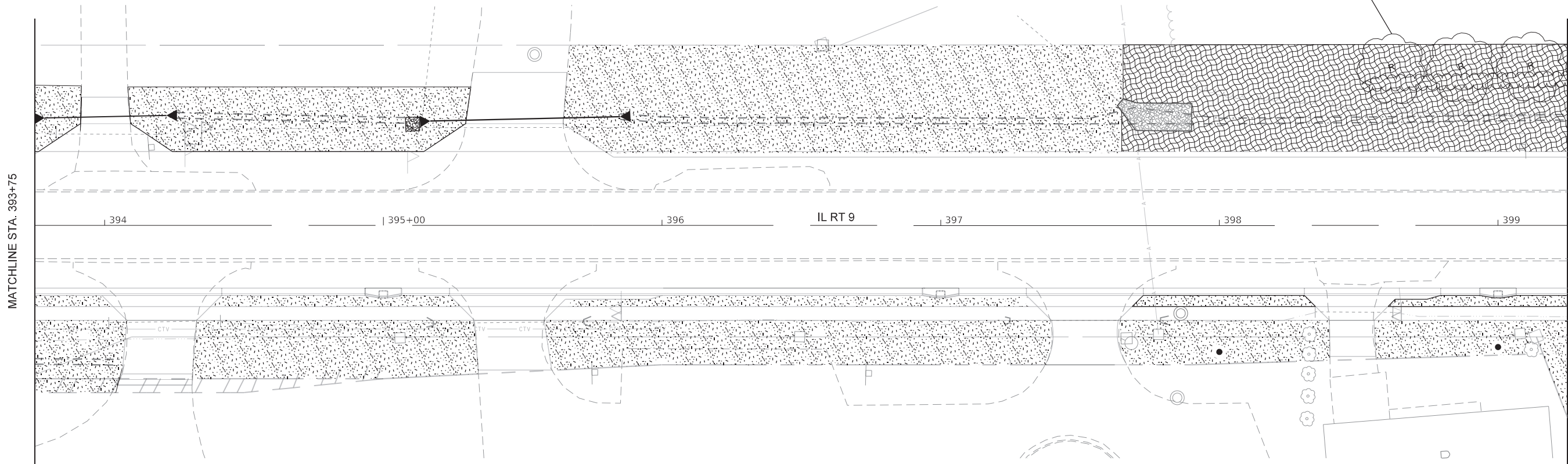
THE CONTRACTOR SHALL CONTACT D4 ROADSIDE MANAGER, BRITTANY GAVIN,
UPON COMPLETION OF FINAL WATERING TO DETERMINE IF SUPPLEMENTAL
WATERING IS NECESSARY. ANY ADDITIONAL WATERINGS SHALL BE PAID FOR
ACCORDING TO ART. 109.04 OF THE STANDARD SPECIFICATIONS.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN

SCALE: SHEET 3 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	129
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				



LANDSCAPING LEGEND

- | | | | |
|--|---|--|---|
| | SEEDING CLASS 1 WITH MULCH METHOD 2 (UNLESS OTHERWISE NOTED) | | SHRUB, HYDRANGEA QUERCIFOLIA BRENHIL (GATSBY OAKLEAF HYDRANGEA) |
| | SODDING, SALT TOLERANT | | SHRUB, JUNIPERUS VIRGINIANA BLUE MOUNTAIN (BLUE MOUNTAIN JUNIPER) |
| | SEEDING CLASS 3 WITH HEAVY DUTY EROSION CONTROL BLANKET | | ILEX CRENATA, SOFT TOUCH |
| | RIVER ROCK, 6" | | ANDROPOGON GERARDII, BLACKHAWKS |
| | SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 5 GAL (50 @ 5' SPACING) | | X = R: TREE, CERCIS CANADENSIS (REDBUD)
X = L: TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), CONTAINER GROWN, 5 GAL
X = C: TREE, MALUS ROYAL RAINDROPS (ROYAL RAINDROPS CRABAPPLE), 2.5" CALIPER, TREE FORM, BALLED AND BURLAPPED |

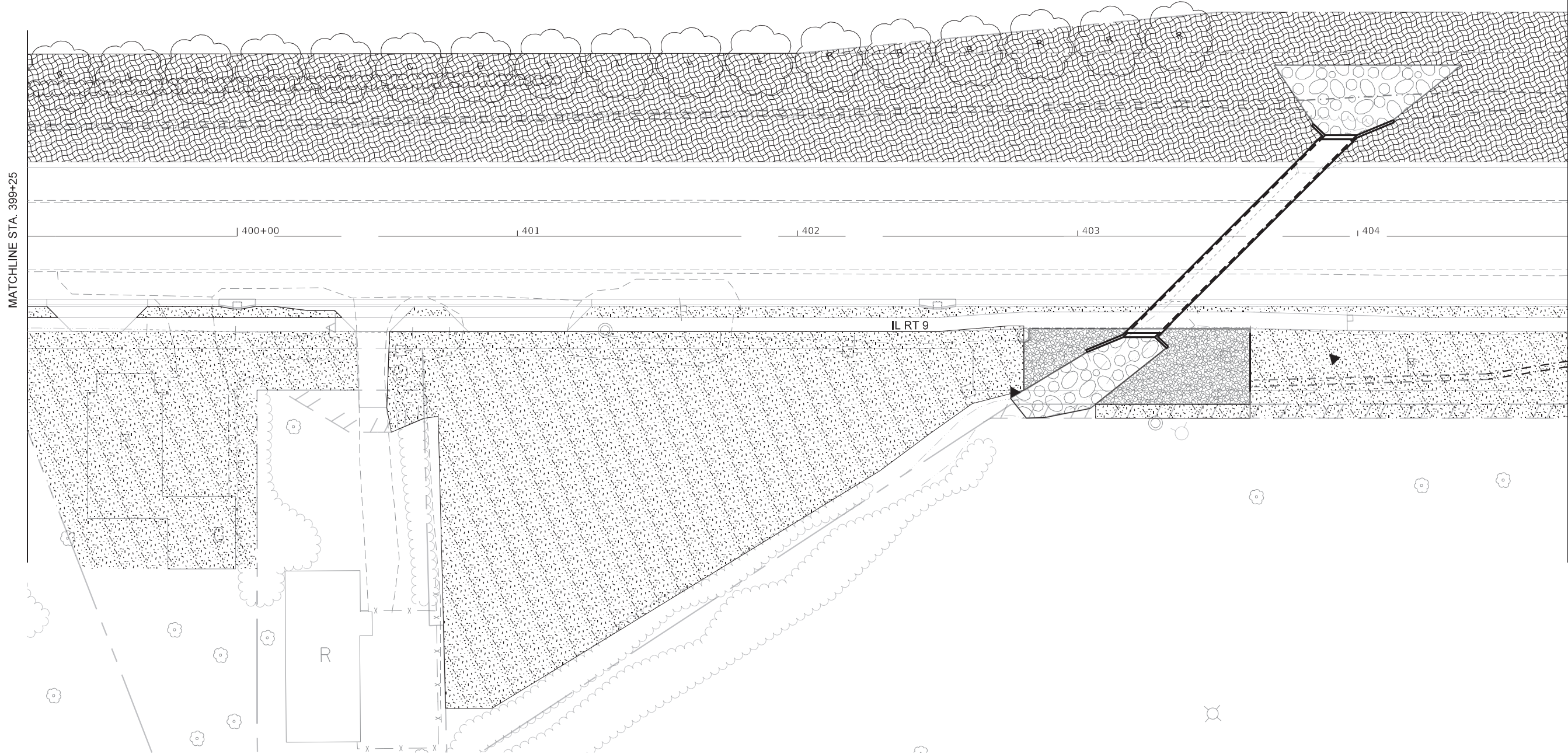
THE CONTRACTOR SHALL CONTACT D4 ROADSIDE MANAGER, BRITTANY GAVIN, UPON COMPLETION OF FINAL WATERING TO DETERMINE IF SUPPLEMENTAL WATERING IS NECESSARY. ANY ADDITIONAL WATERINGS SHALL BE PAID FOR ACCORDING TO ART. 109.04 OF THE STANDARD SPECIFICATIONS.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN

SCALE: SHEET 4 OF 10 SHEETS STA. TO STA.

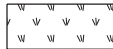
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	130
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				



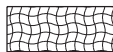
LANDSCAPING LEGEND



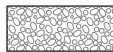
SEEDING CLASS 1 WITH MULCH METHOD 2
(UNLESS OTHERWISE NOTED)



SODDING, SALT TOLERANT



SEEDING CLASS 3 WITH HEAVY
DUTY EROSION CONTROL BLANKET



RIVER ROCK, 6"



SHRUB, RHUS AROMATICA GRO-LOW
(GRO-LOW FRAGRANT SUMAC), 5 GAL
(50 @ 5' SPACING)



SHRUB, HYDRANGEA QUERCIFOLIA BRENHIL
(GATSBY OAKLEAF HYDRANGEA)



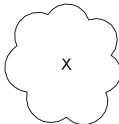
SHRUB, JUNIPERUS VIRGINIANA BLUE MOUNTAIN
(BLUE MOUNTAIN JUNIPER)



ILEX CRENATA, SOFT TOUCH



ANDROPOGON GERARDII, BLACKHAWKS



X = R: TREE, CERCIS CANADENSIS (REDBUD)

X = L: TREE, SYRINGA RETICULATA (JAPANESE
TREE LILAC), CONTAINER GROWN, 5 GAL

X = C: TREE, MALUS ROYAL RAINDROPS (ROYAL
RAINDROPS CRABAPPLE), 2.5" CALIPER,
TREE FORM, BALLED AND BURLAPPED

THE CONTRACTOR SHALL CONTACT D4 ROADSIDE MANAGER, BRITTANY GAVIN,
UPON COMPLETION OF FINAL WATERING TO DETERMINE IF SUPPLEMENTAL
WATERING IS NECESSARY. ANY ADDITIONAL WATERINGS SHALL BE PAID FOR
ACCORDING TO ART. 109.04 OF THE STANDARD SPECIFICATIONS.

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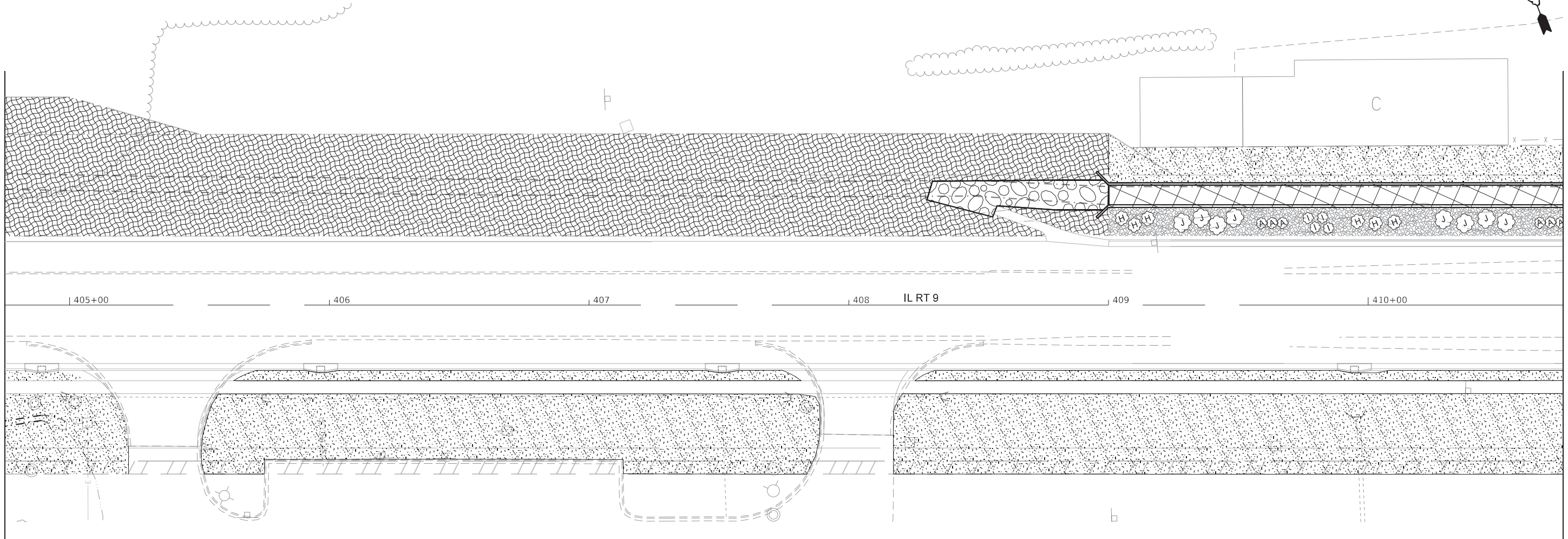
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN			
SCALE:	SHEET 5	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	131
CONTRACT NO. 68A65				
ILLINOIS		FED. AID PROJECT		

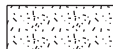
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MATCHLINE STA. 404+75

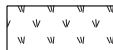


MATCHLINE STA. 410+75

LANDSCAPING LEGEND



SEEDING CLASS 1 WITH MULCH METHOD 2
(UNLESS OTHERWISE NOTED)



SODDING, SALT TOLERANT



SEEDING CLASS 3 WITH HEAVY
DUTY EROSION CONTROL BLANKET



RIVER ROCK, 6"



SHRUB, RHUS AROMATICA GRO-LOW
(GRO-LOW FRAGRANT SUMAC), 5 GAL
(50 @ 5' SPACING)



SHRUB, HYDRANGEA QUERCIFOLIA BRENHIL
(GATSBY OAKLEAF HYDRANGEA)



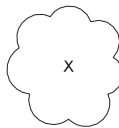
SHRUB, JUNIPERUS VIRGINIANA BLUE MOUNTAIN
(BLUE MOUNTAIN JUNIPER)



ILEX CRENATA, SOFT TOUCH



ANDROPOGON GERARDII, BLACKHAWKS



X = R: TREE, CERCIS CANADENSIS (REDBUD)

X = L: TREE, SYRINGA RETICULATA (JAPANESE
TREE LILAC), CONTAINER GROWN, 5 GAL

X = C: TREE, MALUS ROYAL RAINDROPS (ROYAL
RAINDROPS CRABAPPLE), 2.5" CALIPER,
TREE FORM, BALLED AND BURLAPPED

THE CONTRACTOR SHALL CONTACT D4 ROADSIDE MANAGER, BRITTANY GAVIN,
UPON COMPLETION OF FINAL WATERING TO DETERMINE IF SUPPLEMENTAL
WATERING IS NECESSARY. ANY ADDITIONAL WATERINGS SHALL BE PAID FOR
ACCORDING TO ART. 109.04 OF THE STANDARD SPECIFICATIONS.

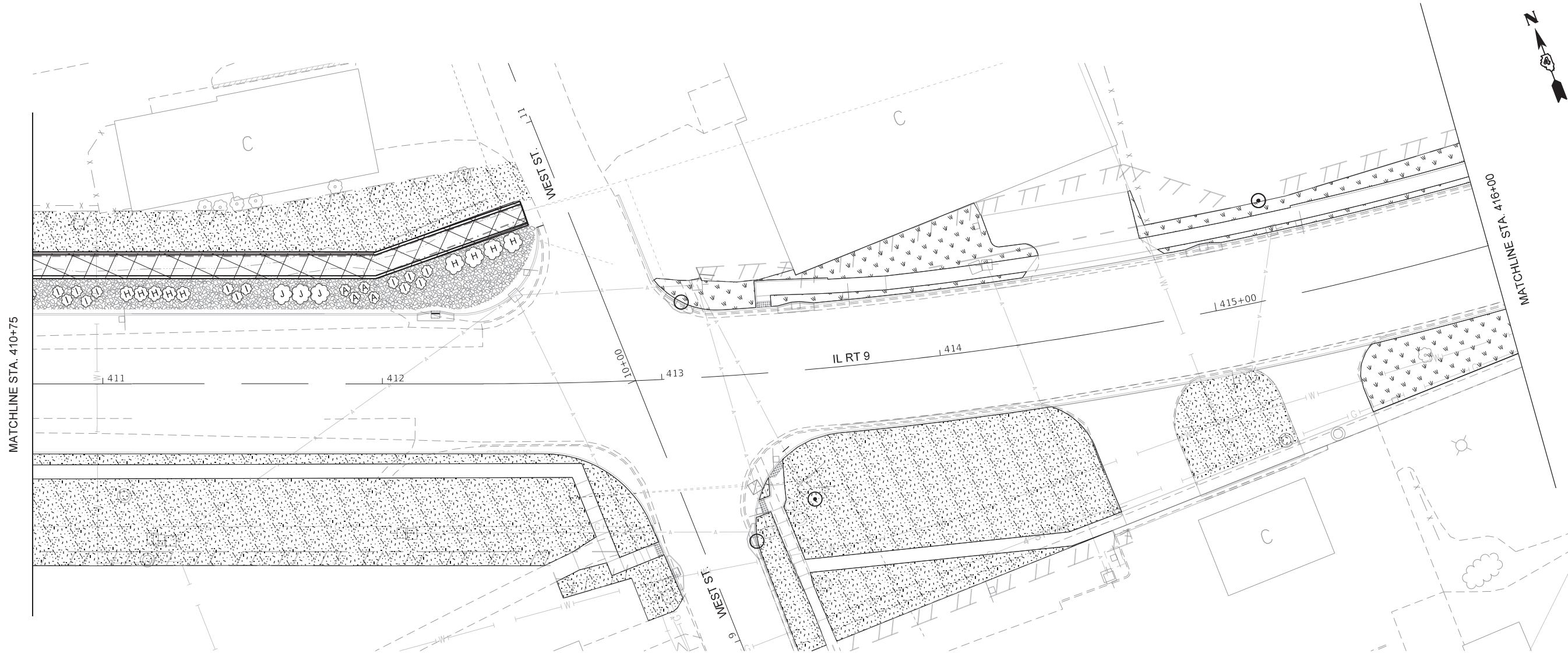
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PLOT DATE = 3/4/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

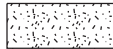
LANDSCAPING PLAN

SCALE: SHEET 6 OF 10 SHEETS STA. TO STA.

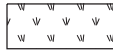
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	132
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				



LANDSCAPING LEGEND



SEEDING CLASS 1 WITH MULCH METHOD 2
(UNLESS OTHERWISE NOTED)



SODDING, SALT TOLERANT



SEEDING CLASS 3 WITH HEAVY
DUTY EROSION CONTROL BLANKET



RIVER ROCK, 6"



SHRUB, RHUS AROMATICA GRO-LOW
(GRO-LOW FRAGRANT SUMAC), 5 GAL
(50 @ 5' SPACING)



SHRUB, HYDRANGEA QUERCIFOLIA BRENHIL
(GATSBY OAKLEAF HYDRANGEA)



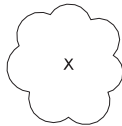
SHRUB, JUNIPERUS VIRGINIANA BLUE MOUNTAIN
(BLUE MOUNTAIN JUNIPER)



ILEX CRENATA, SOFT TOUCH



ANDROPOGON GERARDII, BLACKHAWKS



X = R: TREE, CERCIS CANADENSIS (REDBUD)

X = L: TREE, SYRINGA RETICULATA (JAPANESE
TREE LILAC), CONTAINER GROWN, 5 GAL

X = C: TREE, MALUS ROYAL RAINDROPS (ROYAL
RAINDROPS CRABAPPLE), 2.5" CALIPER,
TREE FORM, BALLED AND BURLAPPED

THE CONTRACTOR SHALL CONTACT D4 ROADSIDE MANAGER, BRITTANY GAVIN,
UPON COMPLETION OF FINAL WATERING TO DETERMINE IF SUPPLEMENTAL
WATERING IS NECESSARY. ANY ADDITIONAL WATERINGS SHALL BE PAID FOR
ACCORDING TO ART. 109.04 OF THE STANDARD SPECIFICATIONS.

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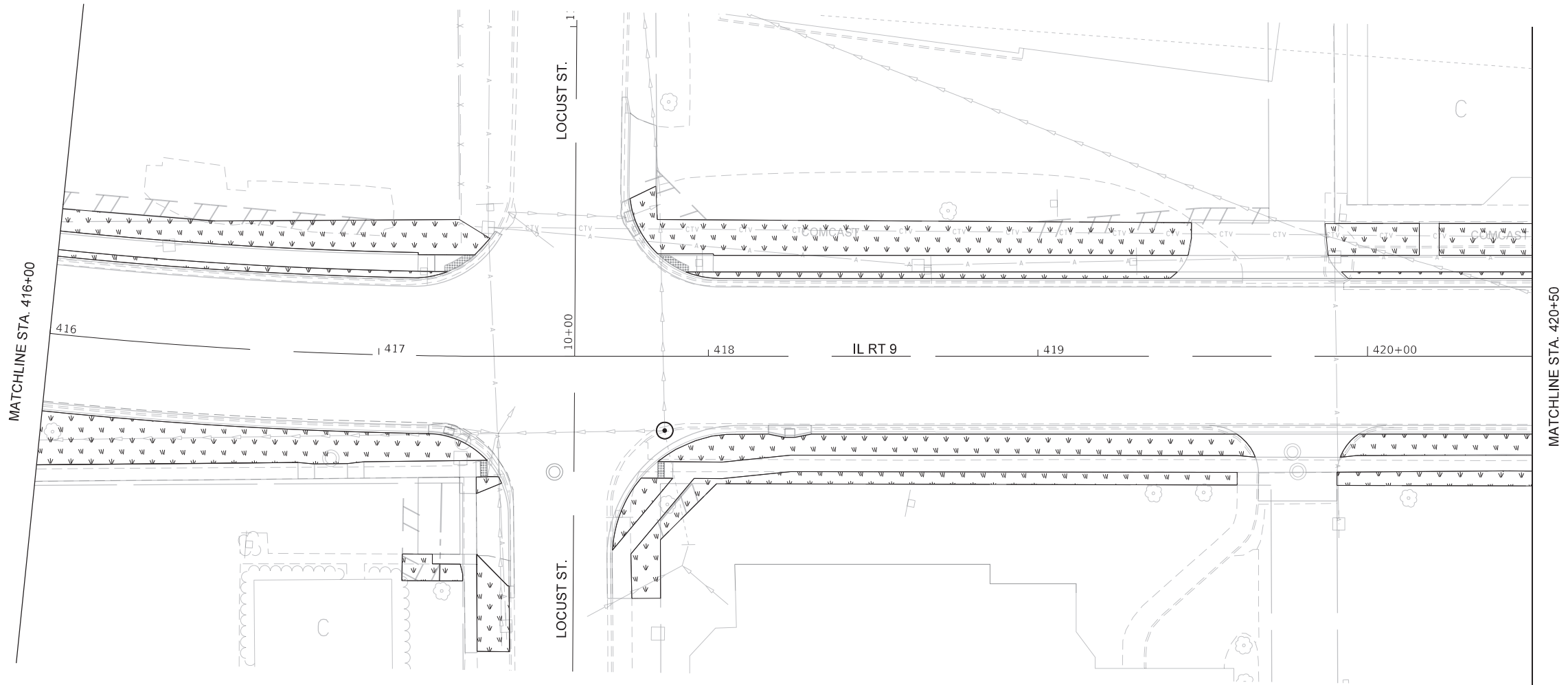
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN

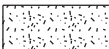
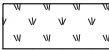
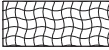
SCALE: SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	133
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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LANDSCAPING LEGEND

-  SEEDING CLASS 1 WITH MULCH METHOD 2
(UNLESS OTHERWISE NOTED)
-  SODDING, SALT TOLERANT
-  SEEDING CLASS 3 WITH HEAVY
DUTY EROSION CONTROL BLANKET

THE CONTRACTOR SHALL CONTACT D4 ROADSIDE MANAGER, BRITTANY GAVIN,
UPON COMPLETION OF FINAL WATERING TO DETERMINE IF SUPPLEMENTAL
WATERING IS NECESSARY. ANY ADDITIONAL WATERINGS SHALL BE PAID FOR
ACCORDING TO ART. 109.04 OF THE STANDARD SPECIFICATIONS.

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:40	CHECKED -	REVISED -
PLOT DATE = 3/14/2025	DATE -	REVISED -

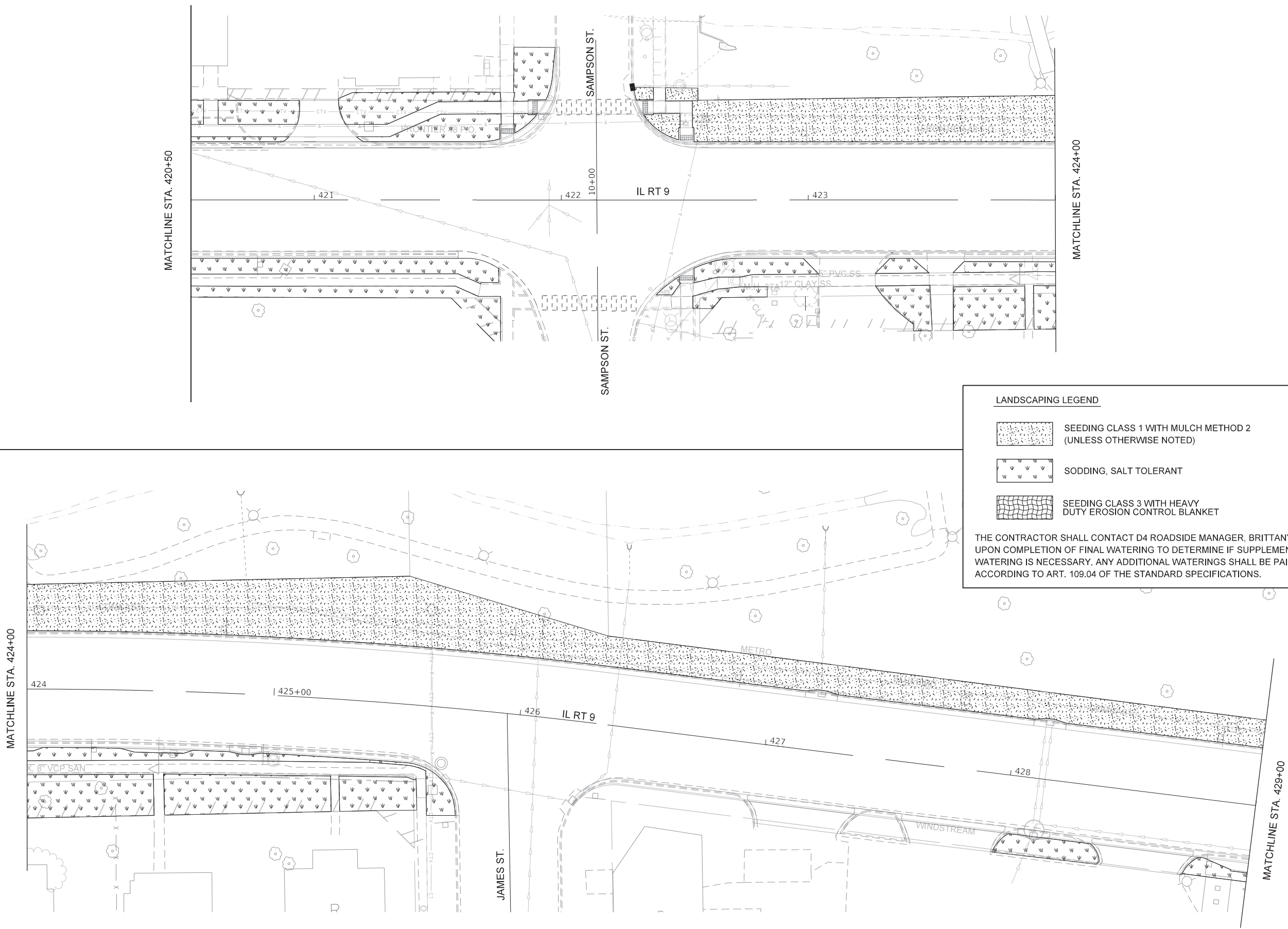
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN

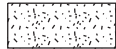
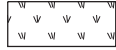
SCALE: SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	134
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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LANDSCAPING LEGEND

-  SEEDING CLASS 1 WITH MULCH METHOD 2
(UNLESS OTHERWISE NOTED)
-  SODDING, SALT TOLERANT
-  SEEDING CLASS 3 WITH HEAVY
DUTY EROSION CONTROL BLANKET

THE CONTRACTOR SHALL CONTACT D4 ROADSIDE MANAGER, BRITTANY GAVIN, UPON COMPLETION OF FINAL WATERING TO DETERMINE IF SUPPLEMENTAL WATERING IS NECESSARY. ANY ADDITIONAL WATERINGS SHALL BE PAID FOR ACCORDING TO ART. 109.04 OF THE STANDARD SPECIFICATIONS.



MATCHLINE STA. 424+00

MATCHLINE STA. 429+00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

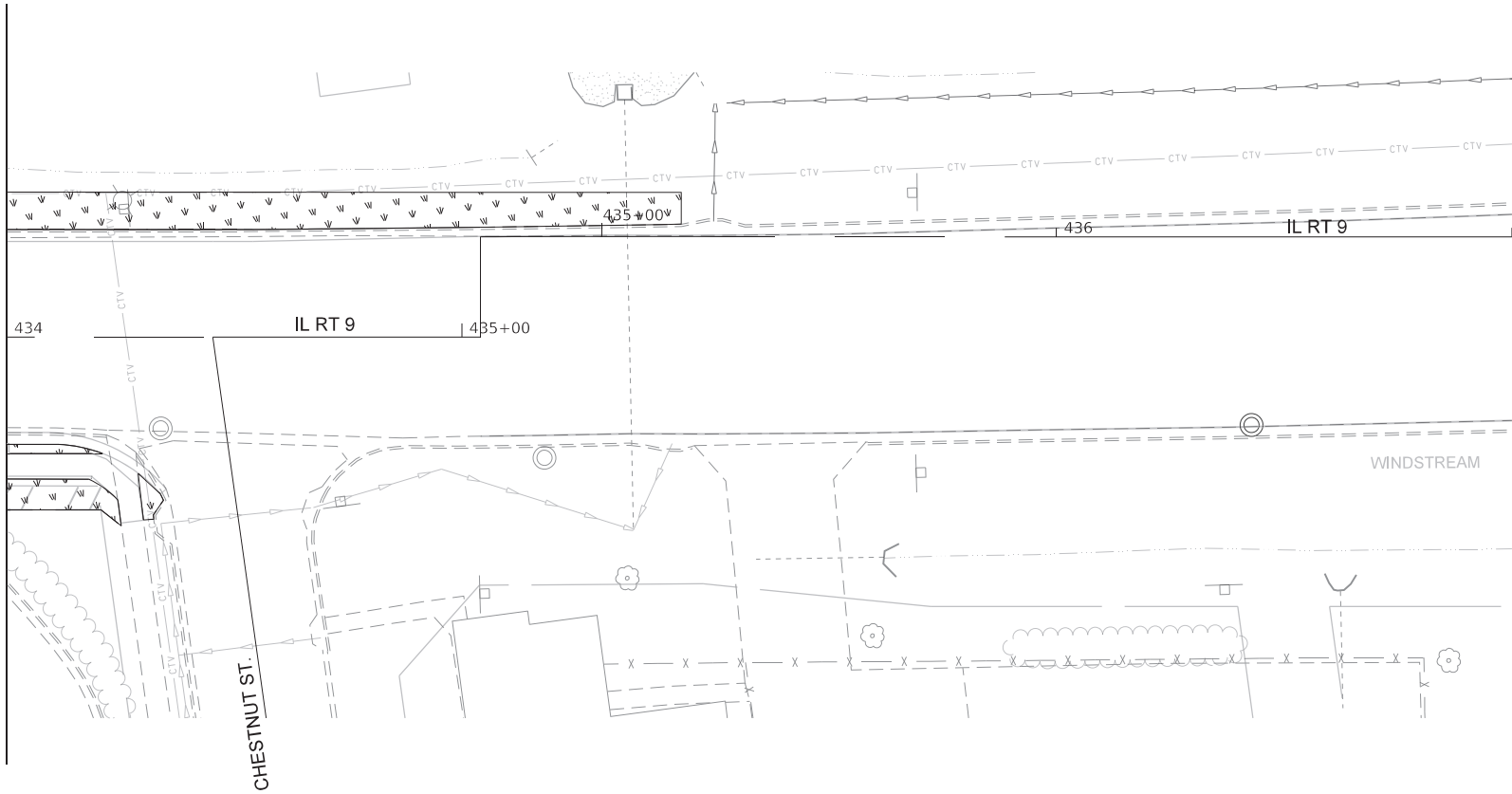
LANDSCAPING PLAN

SCALE: SHEET 9 OF 10 SHEETS STA. TO STA.

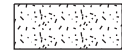
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	135
CONTRACT NO. 68A65				
ILLINOIS		FED. AID PROJECT		

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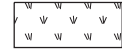
MATCHLINE STA. 434+00



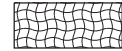
LANDSCAPING LEGEND



SEEDING CLASS 1 WITH MULCH METHOD 2
(UNLESS OTHERWISE NOTED)



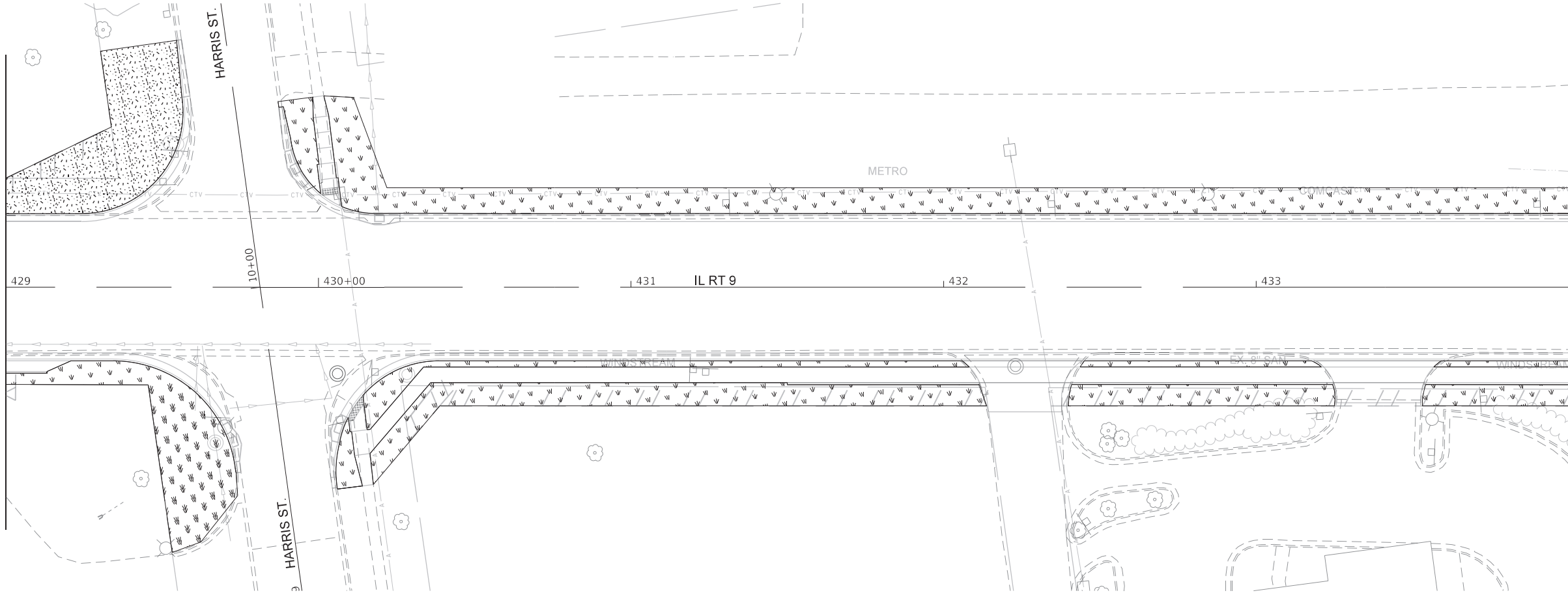
SODDING, SALT TOLERANT



SEEDING CLASS 3 WITH HEAVY
DUTY EROSION CONTROL BLANKET

THE CONTRACTOR SHALL CONTACT D4 ROADSIDE MANAGER, BRITTANY GAVIN, UPON COMPLETION OF FINAL WATERING TO DETERMINE IF SUPPLEMENTAL WATERING IS NECESSARY. ANY ADDITIONAL WATERINGS SHALL BE PAID FOR ACCORDING TO ART. 109.04 OF THE STANDARD SPECIFICATIONS.

MATCHLINE STA. 429+00



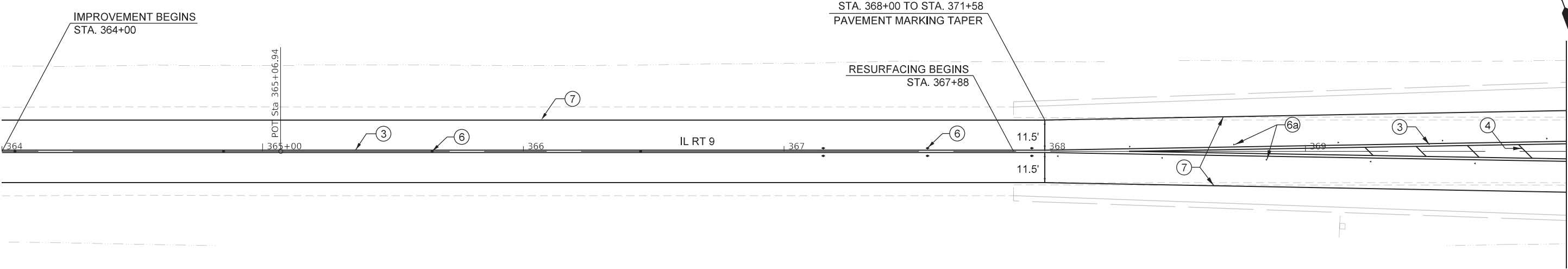
MATCHLINE STA. 434+00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN

SCALE: SHEET 10 OF 10 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	136
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- 1 4" YELLOW SOLID

2 4" YELLOW SKIP DASH

3 4" YELLOW SOLID (DOUBLE LINE)

4 12" YELLOW DIAGONAL 20' C-C

5 PAVEMENT MARKING - LETTERS AND SYMBOLS
- 6 R.R.P.M. TWO-WAY AMBER MARKER 40' C.C

6a R.R.P.M. ONE-WAY AMBER MARKER 40' C.C

6b R.R.P.M. ONE-WAY CRYSTAL MARKER 40' C.C

7 6" WHITE SOLID

8 CROSSWALK MARKINGS, 24" SOLID WHITE

9 8" SOLID (WHITE)

10 24" STOP BAR (WHITE)
- 10'-0"

30'-0"

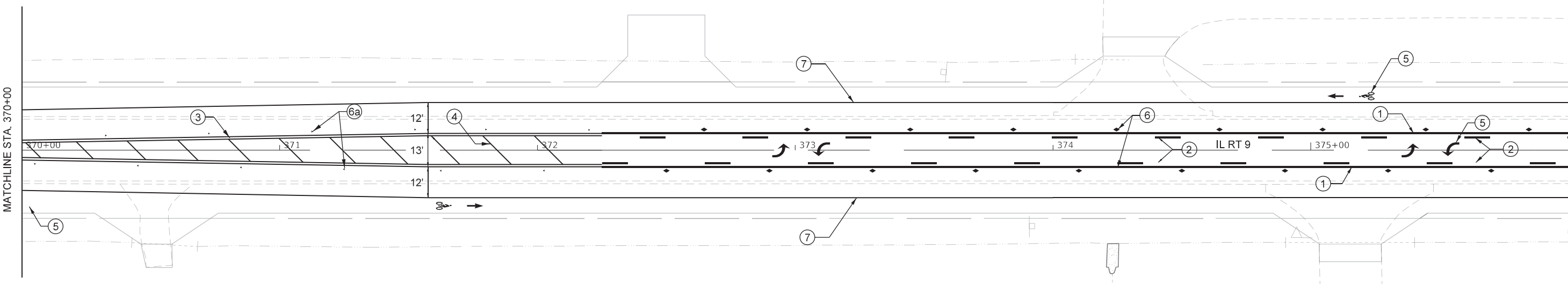
10'-0"

2
- 45°

20'-0"

4

PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH DISTRICT CADD DETAILS - STANDARD 780001



MODEL: \$MODELNAME\$
FILE: \$NAME\$. \$EXT\$

USER NAME	= \$USERS\$	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= \$SCALE\$	CHECKED	-	REVISED	-
PLOT DATE	= \$DATE\$	DATE	-	REVISED	-

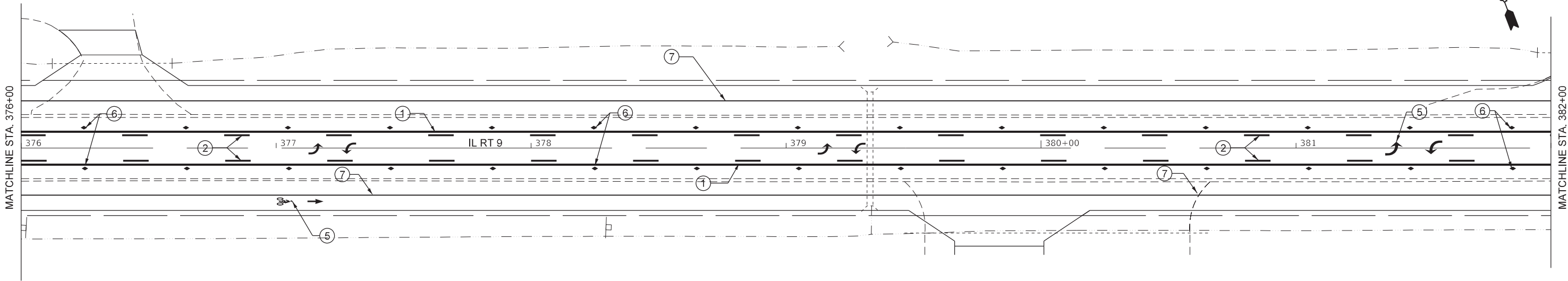
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: SHEET \$S OF \$OS SHEETS STA. TO STA.

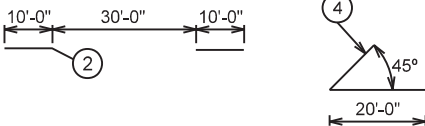
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	137
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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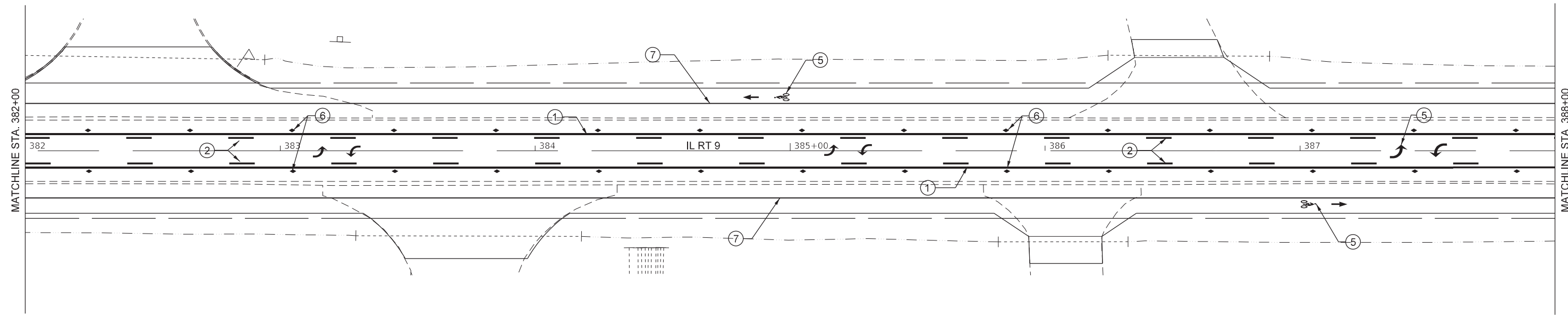


PAVEMENT MARKING LEGEND

- | | |
|--|--|
| ① 4" YELLOW SOLID | ⑥ R.R.P.M. TWO-WAY AMBER MARKER 40' C.C |
| ② 4" YELLOW SKIP DASH | ⑥a R.R.P.M. ONE-WAY AMBER MARKER 40' C.C |
| ③ 4" YELLOW SOLID (DOUBLE LINE) | ⑥b R.R.P.M. ONE-WAY CRYSTAL MARKER 40' C.C |
| ④ 12" YELLOW DIAGONAL 20' C-C | ⑦ 6" WHITE SOLID |
| ⑤ PAVEMENT MARKING - LETTERS AND SYMBOLS | ⑧ CROSSWALK MARKINGS, 24" SOLID WHITE |
| | ⑨ 8" SOLID (WHITE) |
| | ⑩ 24" STOP BAR (WHITE) |



PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH DISTRICT CADD DETAILS - STANDARD 780001

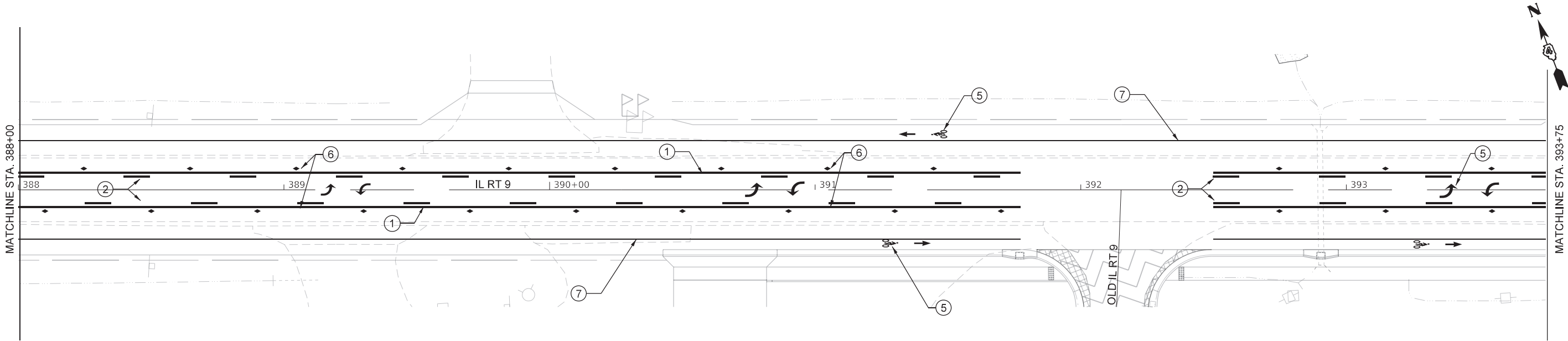


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: SHEET \$S OF \$OS SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	138	292
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

1 4" YELLOW SOLID

2 4" YELLOW SKIP DASH

3 4" YELLOW SOLID (DOUBLE LINE)

4 12" YELLOW DIAGONAL 20' C-C

5 PAVEMENT MARKING - LETTERS AND SYMBOLS

6 R.R.P.M. TWO-WAY AMBER MARKER 40' C.C

6a R.R.P.M. ONE-WAY AMBER MARKER 40' C.C

6b R.R.P.M. ONE-WAY CRYSTAL MARKER 40' C.C

7 6" WHITE SOLID

8 CROSSWALK MARKINGS, 24" SOLID WHITE

9 8" SOLID (WHITE)

10 24" STOP BAR (WHITE)

10'-0"30'-0"10'-0"

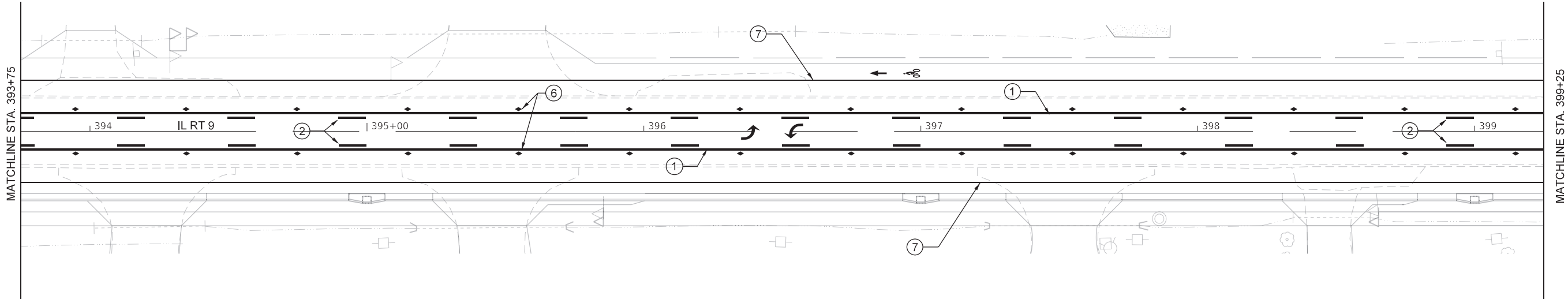
2

45°

20'-0"

4

PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH DISTRICT CADD DETAILS - STANDARD 780001



MODEL: \$MODELNAME\$
FILE: \$NAME\$. \$EXT\$

USER NAME = \$USERS\$	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

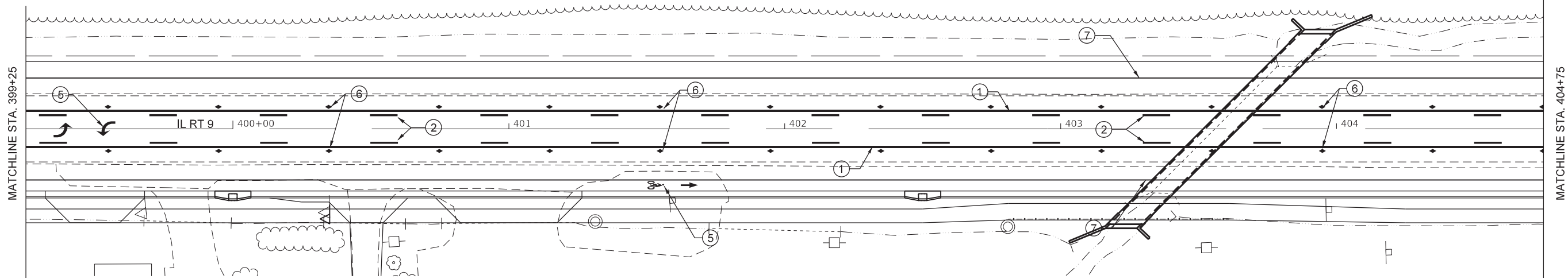
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: SHEET \$S OF \$OS SHEETS STA. TO STA.

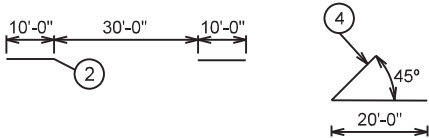
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	139
CONTRACT NO. 68A65				
		ILLINOIS	FED. AID PROJECT	

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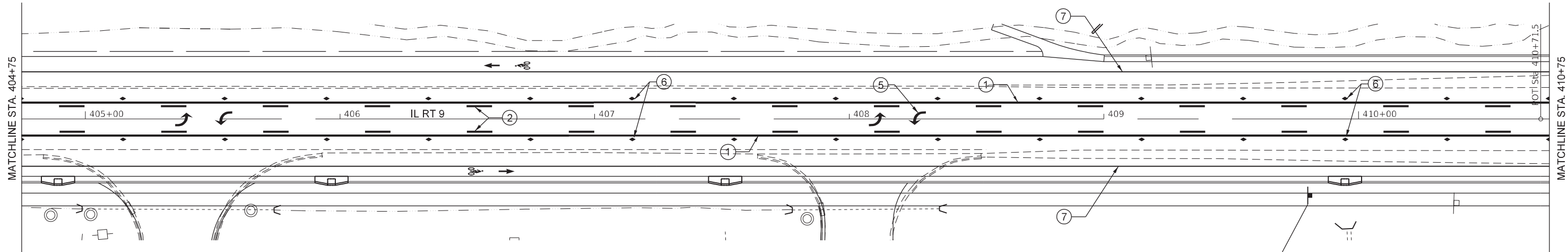


PAVEMENT MARKING LEGEND

- | | |
|--|--|
| ① 4" YELLOW SOLID | ⑥ R.R.P.M. TWO-WAY AMBER MARKER 40' C.C |
| ② 4" YELLOW SKIP DASH | ⑥a R.R.P.M. ONE-WAY AMBER MARKER 40' C.C |
| ③ 4" YELLOW SOLID (DOUBLE LINE) | ⑥b R.R.P.M. ONE-WAY CRYSTAL MARKER 40' C.C |
| ④ 12" YELLOW DIAGONAL 20' C-C | ⑦ 6" WHITE SOLID |
| ⑤ PAVEMENT MARKING - LETTERS AND SYMBOLS | ⑧ CROSSWALK MARKINGS, 24" SOLID WHITE |
| | ⑨ 8" SOLID (WHITE) |
| | ⑩ 24" STOP BAR (WHITE) |



PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH DISTRICT CADD DETAILS - STANDARD 780001



S1-1
W16-9P

USER NAME	= Zackariah.Githam	DESIGNED	-
DRAWN	-	REVISD	-
PLOT SCALE	= 40.0000 ' / in.	CHECKED	-
PLOT DATE	= 2/14/2025	DATE	-

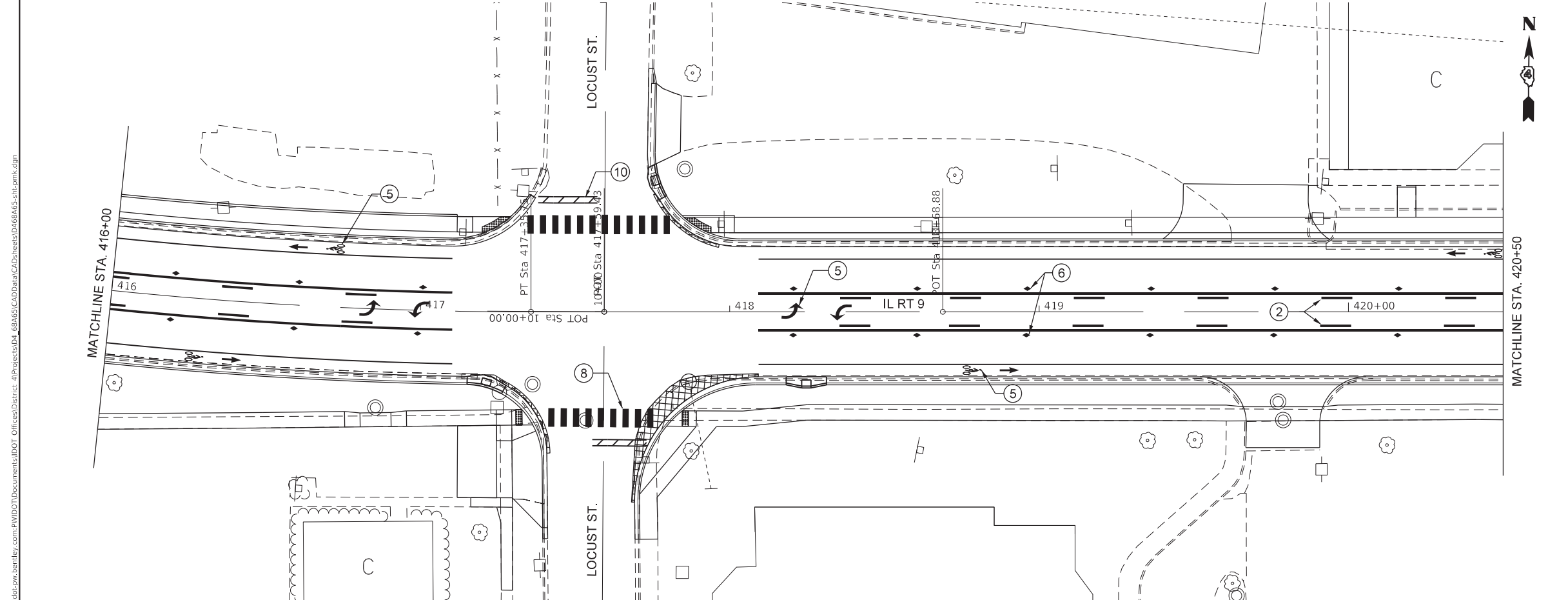
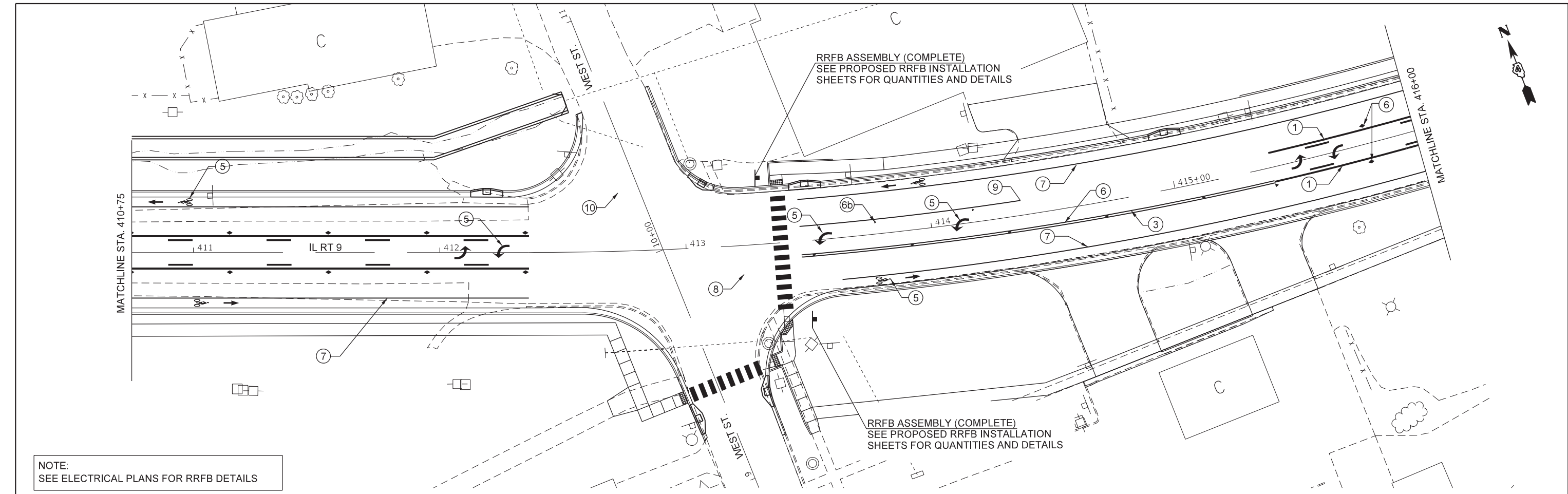
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: SHEET \$S OF \$OS SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	140	292
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

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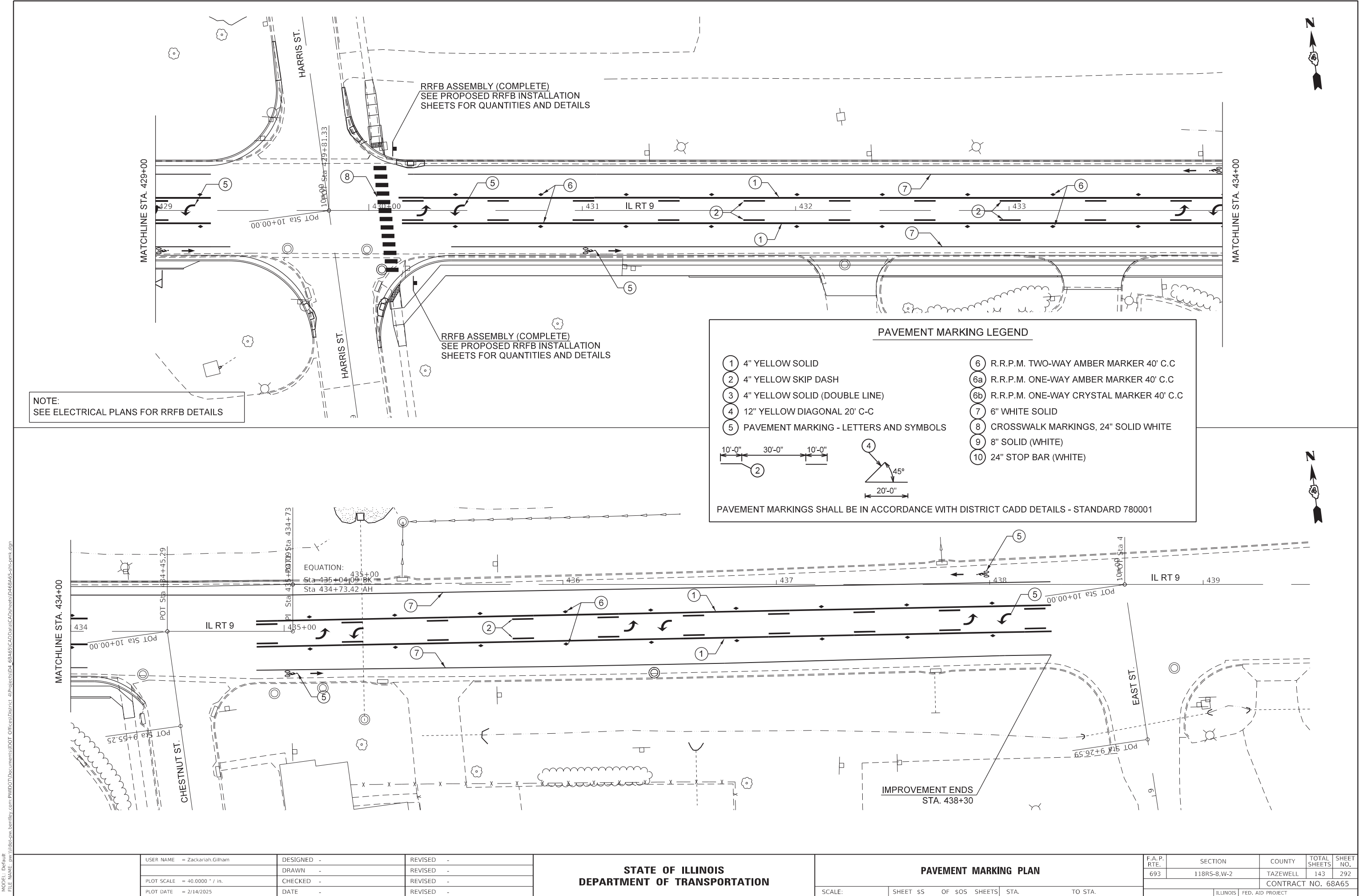
PAVEMENT MARKING LEGEND

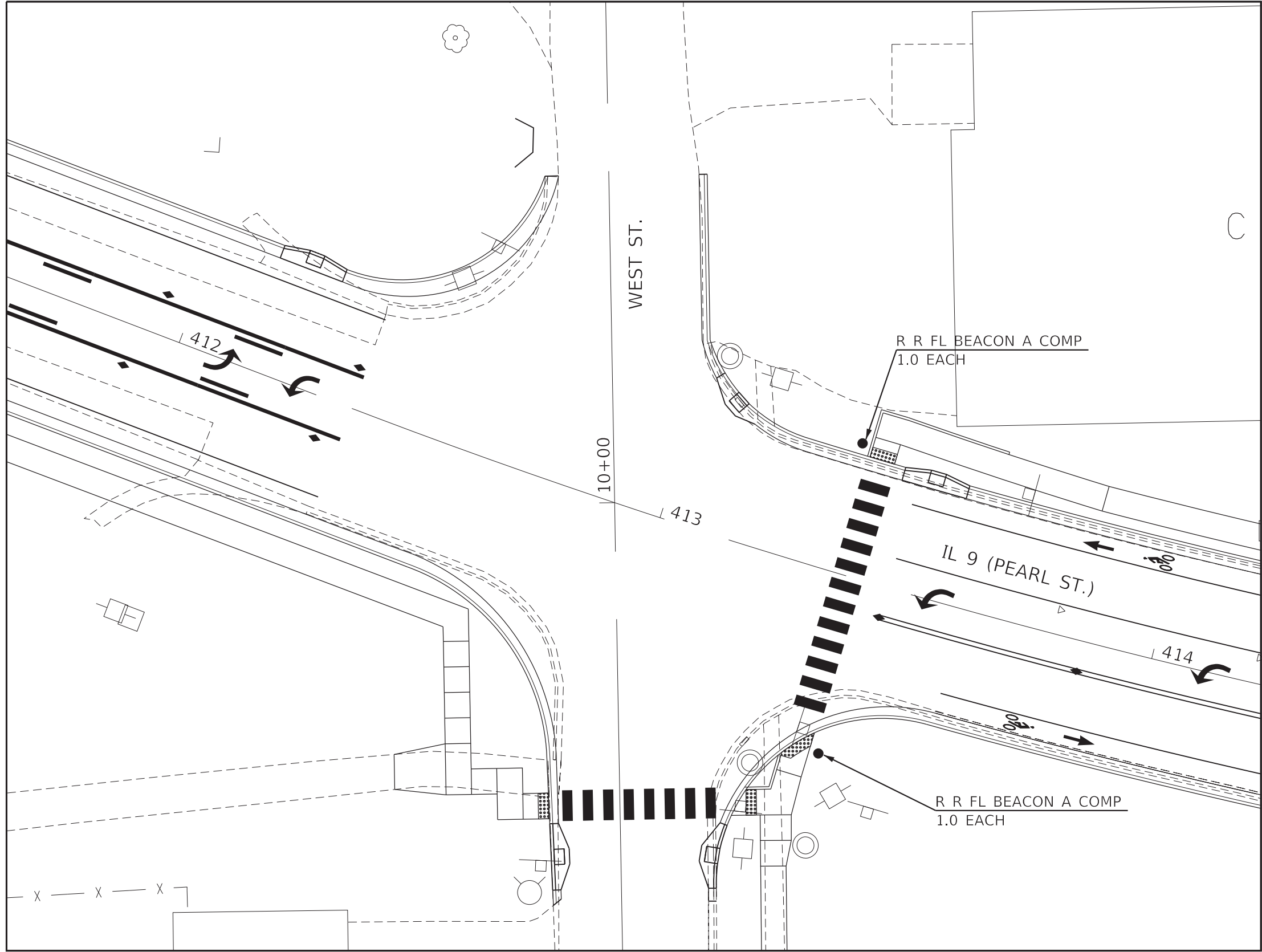
- ① 4" YELLOW SOLID
- ② 4" YELLOW SKIP DASH
- ③ 4" YELLOW SOLID (DOUBLE LINE)
- ④ 12" YELLOW DIAGONAL 20' C-C
- ⑤ PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑥ R.R.P.M. TWO-WAY AMBER MARKER 40' C.C
- ⑥a R.R.P.M. ONE-WAY AMBER MARKER 40' C.C
- ⑥b R.R.P.M. ONE-WAY CRYSTAL MARKER 40' C.C
- ⑦ 6" WHITE SOLID
- ⑧ CROSSWALK MARKINGS, 24" SOLID WHITE
- ⑨ 8" SOLID (WHITE)
- ⑩ 24" STOP BAR (WHITE)

PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH DISTRICT CADD DETAILS - STANDARD 780001

MODEL - Design FILE NAME - pav	USER NAME = Zackariah.Gilham		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN						F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -		REVISED -									693	118RS-8,W-2		TAZEWELL	141	292
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	PLOT DATE = 2/14/2025		DATE -		REVISED -														
	SCALE:				SHEET \$S OF \$OS SHEETS			STA.		TO STA.									

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BILL OF MATERIALS		
IL 9 (PEARL ST.) & WEST ST.		
ITEM DESCRIPTION	UNIT	QTY.
RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2.0

NOTE:
1. RRFB INSTALLATIONS AT WEST ST. SHALL INCLUDE SCHOOL CROSSING WARNING SIGNS (S1-1) AND YELLOW-GREEN FLUORESCENT/BLACK ARROW PLAQUES.

MODEL: Default
FILE: \\nrt1c2-pw.bentley.com\\P\\V\\DOT\\Documents\\DOT Offices\\D\\tremont\\4\\Projects\\68A65\\CADD\\3\\Operations-Traffic\\68A65-Electrical.dgn

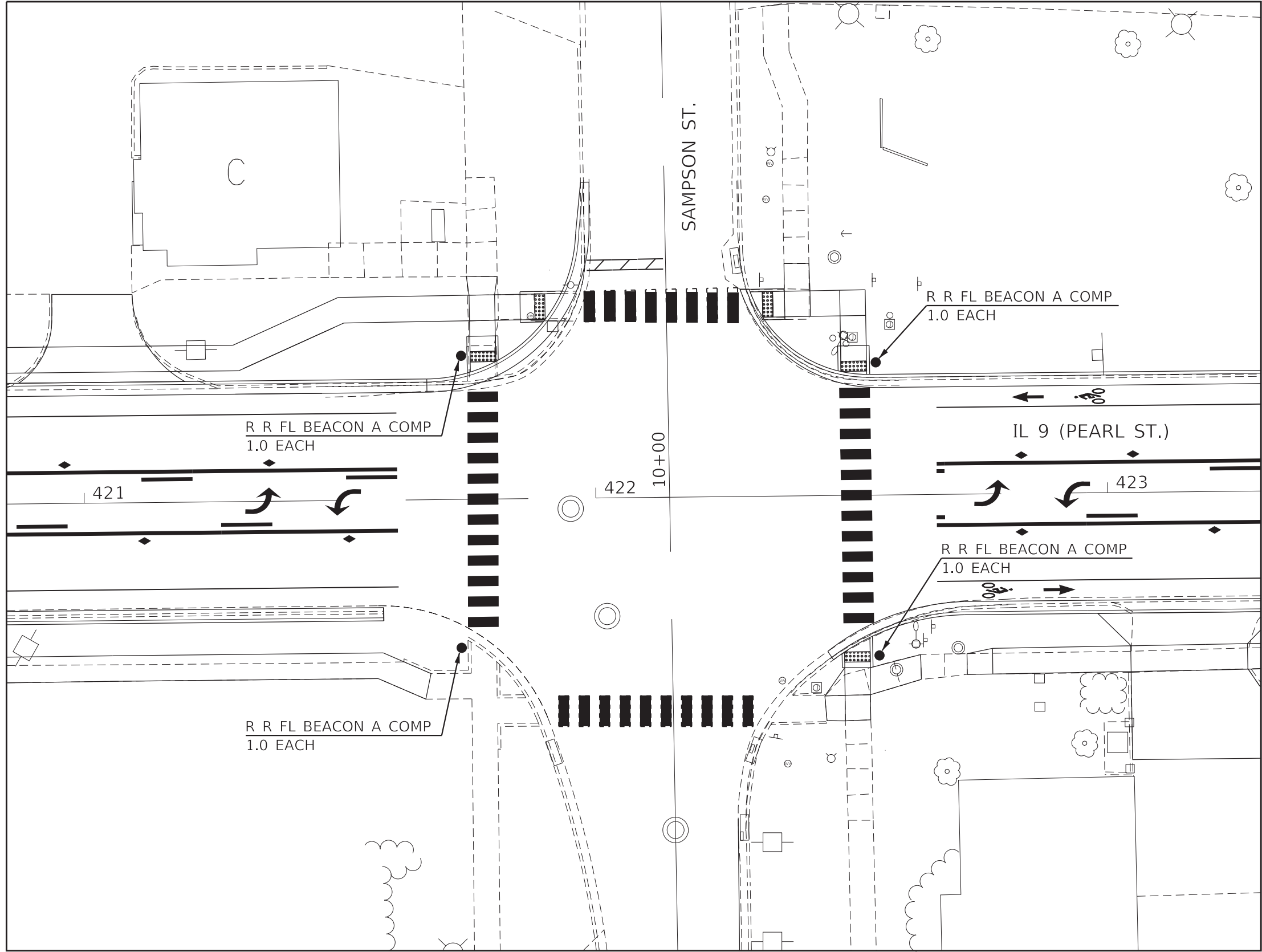
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	PLOT DATE = 2/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED RRFB INSTALLATIONS			
IL 9 (PEARL ST.) & WEST ST. - TREMONT			
SCALE:	SHEET 1	OF 4 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	144
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE



BILL OF MATERIALS		
IL 9 (PEARL ST.) & SAMPSON ST.		
ITEM DESCRIPTION	UNIT	QTY.
RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	4.0

NOTE:
1. RRFB INSTALLATIONS AT SAMPSON ST. SHALL INCLUDE PEDESTRIAN CROSSING WARNING SIGNS (W11-2) AND YELLOW/BLACK ARROW PLAQUES.

MODEL: Default
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	DATE -	REVISED -

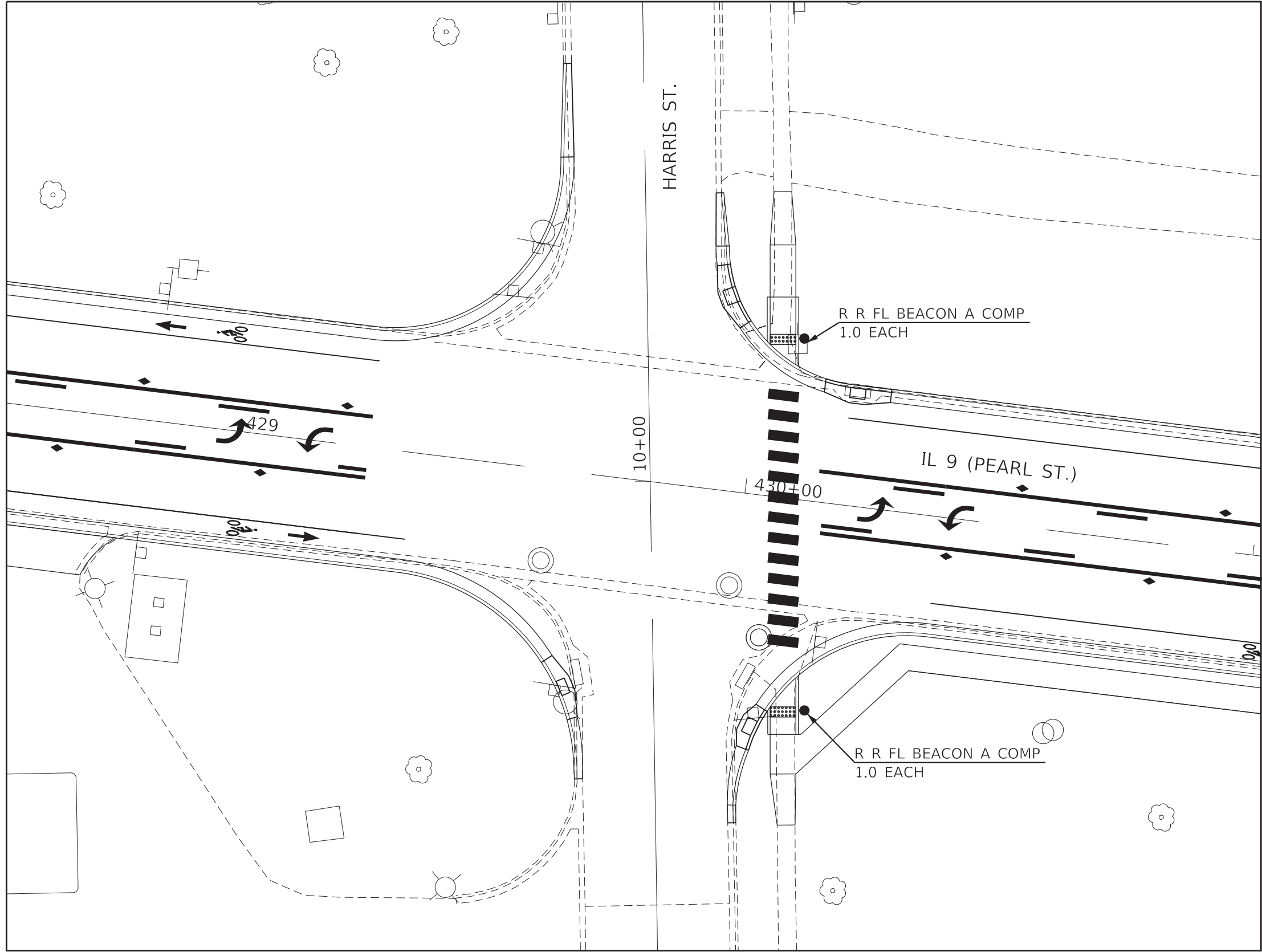
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED RRFB INSTALLATIONS
IL 9 (PEARL ST.) & SAMPSON ST. – TREMONT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	145
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE



BILL OF MATERIALS		
IL 9 (PEARL ST.) & HARRIS ST.		
ITEM DESCRIPTION	UNIT	QTY.
RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2.0

NOTE:
1. RRFB INSTALLATIONS AT HARRIS ST. SHALL INCLUDE SCHOOL CROSSING WARNING SIGNS (S1-1) AND YELLOW-GREEN FLUORESCENT/BLACK ARROW PLAQUES.

MODEL: Default
FILE: \\nrt1c2-pw.bentley.com\\P\\V\\DOT\\Documents\\DOT Offices\\D\\hrt1c2-4\\Projects\\D4_68A65\\CADD\\Data\\Operators-Traffic\\D468A65-Electrical.dgn

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:21,382.1	DRAWN -	REVISED -
PLOT DATE = 2/14/2025	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

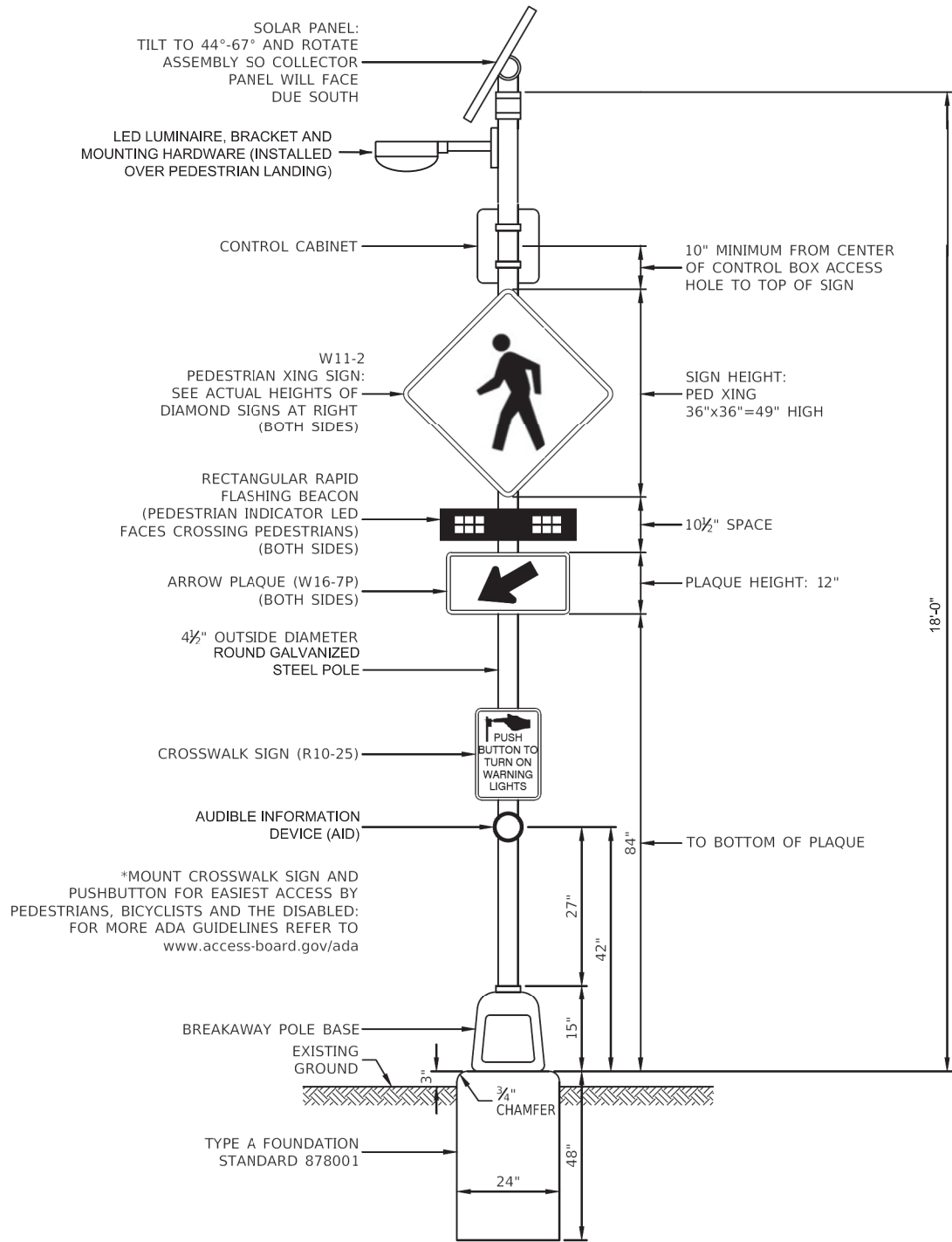
PROPOSED RRFB INSTALLATIONS			
IL 9 (PEARL ST.) & HARRIS ST. – TREMONT			
SCALE:	SHEET 3	OF 4 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	146
CONTRACT NO. 68A65				
		ILLINOIS	FED. AID PROJECT	

NOT TO SCALE

RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)

PEDESTRIAN CROSSING

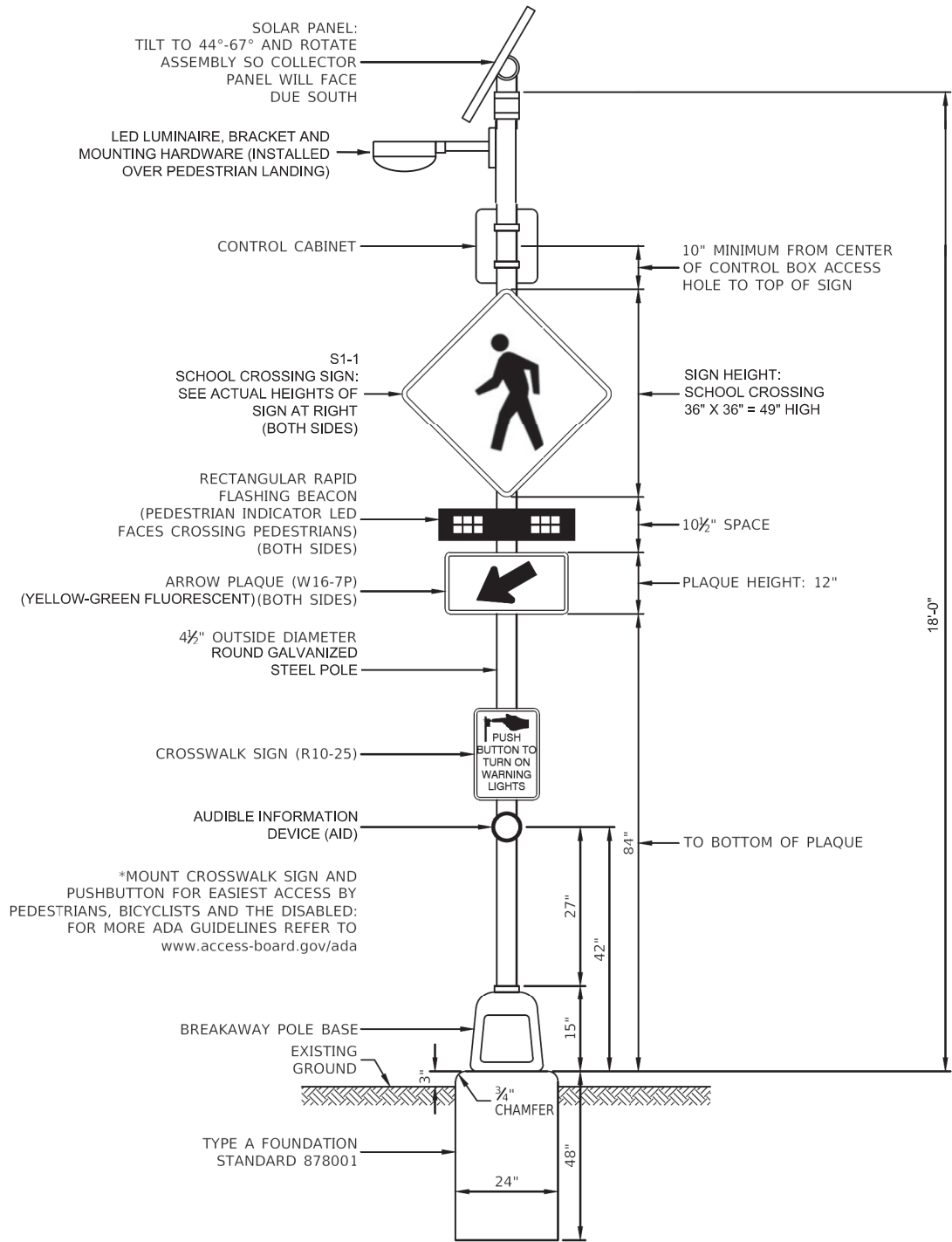


RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE) - PEDESTRIAN CROSSING		
SCHEDULE OF QUANTITIES PER 1.0 EACH		
ITEM	UNIT	QTY.
SOLAR PANEL	EACH	1.0
CONTROL CABINET AND ELECTRICAL COMPONENTS	EACH	1.0
RRFB-XL	EACH	2.0
AUDIBLE INFORMATION DEVICE	EACH	1.0
4 1/2" DIAMETER GALVANIZED STEEL POST AND BREAKAWAY BASE	EACH	1.0
PCC FOUNDATION (24"x48")	EACH	1.0
PEDESTRIAN CROSSING SIGN (W11-2)	EACH	2.0
ARROW PLAQUE (YELLOW/BLACK)	EACH	2.0
CROSSWALK SIGN	EACH	1.0
LED LUMINAIRE*	EACH	1.0
* INCLUDES REQUIRED MOUNTING BRACKET, HARDWARE, POLE WIRING, FUSE HOLDERS, ETC.		

- NOTES:
- SEE THE SPECIAL PROVISIONS FOR RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE) FOR FURTHER DETAILS.
 - AUDIBLE INFORMATION DEVICE (AID) SHALL BE LOCATED IN ACCORDANCE WITH THE ACCESSIBLE PEDESTRIAN SIGNAL GUIDANCE FROM THE 2009 MUTCD. THE COST TO MODIFY OR RELOCATE ANY AID THAT WERE NOT INSTALLED ACCORDING TO MUTCD APS REQUIREMENTS AND CONTRACT SPECIFICATIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - FOR ALL INSTALLATIONS, THE REACH RANGE (DISTANCE BETWEEN THE FACE OF AID AND THE CLEAR SPACE) SHALL NOT EXCEED 10 INCHES.
 - CROSSWALK SIGN (R10-25) SHALL BE CONSTRUCTED USING TYPE ZZ RETROREFLECTIVE SHEETING IN ACCORDANCE WITH ART. 1091.03.
 - THE ARROW PLAQUE (W16-7P) SIGNS SHALL HAVE THE CORRECT ARROW ORIENTATION AT EACH LOCATION.

RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)

SCHOOL CROSSING



RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE) - SCHOOL CROSSING		
SCHEDULE OF QUANTITIES PER 1.0 EACH		
ITEM	UNIT	QTY.
SOLAR PANEL	EACH	1.0
CONTROL CABINET AND ELECTRICAL COMPONENTS	EACH	1.0
RRFB-XL	EACH	2.0
AUDIBLE INFORMATION DEVICE	EACH	1.0
4 1/2" DIAMETER GALVANIZED STEEL POST AND BREAKAWAY BASE	EACH	1.0
PCC FOUNDATION (24"x48")	EACH	1.0
SCHOOL CROSSING SIGN (S1-1)	EACH	2.0
ARROW PLAQUE (YELLOW-GREEN FLUORESCENT/BLACK)	EACH	2.0
CROSSWALK SIGN	EACH	1.0
LED LUMINAIRE*	EACH	1.0
* INCLUDES REQUIRED MOUNTING BRACKET, HARDWARE, POLE WIRING, FUSE HOLDERS, ETC.		

NOT TO SCALE

MODEL: Default
FILE: \\nrt12-pw-bentley.com\p\WIDOT\Documents\DOT_Offices\Director_A\Projects\SDA_68A65\CADD\Drawings\Operations-Traffic\68A65-Electrical.dgn

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	DRAWN -	REVISED -
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PLOT DATE = 2/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE) DETAIL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	147
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

LEGEND:

- CLEAR AREA
- DETECTABLE WARNINGS (SPECIAL)

NOTES:

USE HIGHWAY STANDARD 424001-12 (PERPENDICULAR CURB RAMPS FOR SIDEWALKS)

STREET WIDTHS ARE NOT SHOWN TO SCALE

ALL ELEVATIONS ARE PROPOSED UNLESS OTHERWISE NOTED AND ARE SUBJECT TO REFINEMENT DURING CONSTRUCTION, AS APPROVED BY THE ENGINEER.

FINAL CROSS-SLOPE, RUNNING SLOPE, LANDINGS, CLEAR AREA, AND SLOPE AROUND RADIUS SHALL MEET PROWAG FINAL RULE.

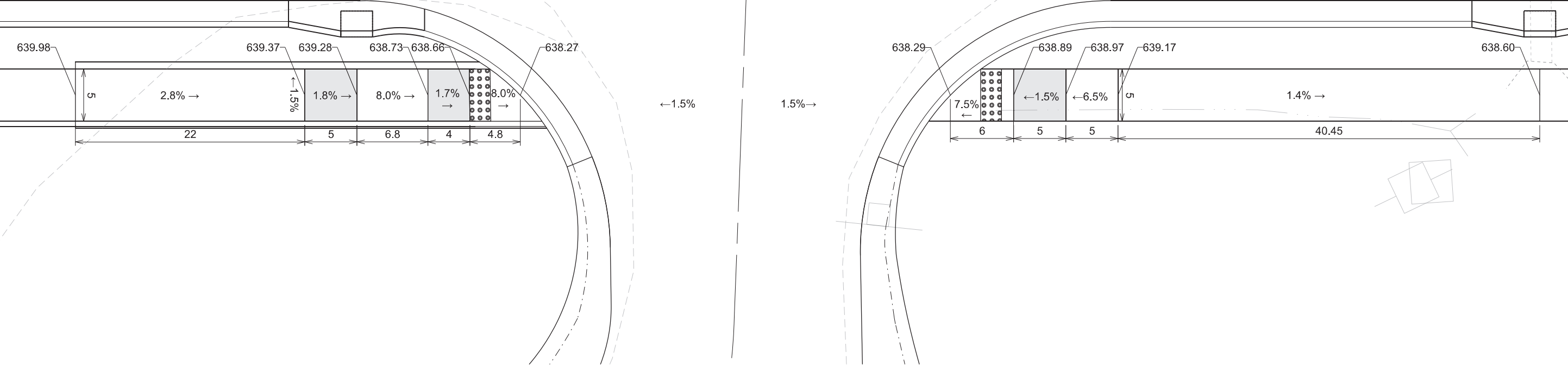
SEE "APPROACH NOSE DETAIL" FOR CURB RAMPS.

WHERE SIDE-CURB IS PROPOSED, THE CURB SHALL TAPER DOWN TO THE EXISTING SIDEWALK TO AVOID POTENTIAL TRIPPING HAZARD.

SEE SIDEWALK CURB DETAILS FOR CURBS GREATER THAN OR EQUAL TO 6".

CONTRACTOR SHALL UTILIZE RADIAL DETECTABLE WARNING PANELS AROUND RADIUS. CONTRACTOR IS RESPONSIBLE FOR MEASURING THE RADIUS PRIOR TO ORDERING PANELS.

DETECTABLE WARNINGS (SPECIAL) SHALL CONSIST OF CAST IRON PANELS THAT MEET CURRENT ACCESSIBILITY STANDARDS. INSTALLATION SHALL BE IN ACCORDANCE WITH IDOT STANDARDS AND SECTION 424 OF THE STANDARD SPECIFICATION.



MODEL: Default
FILE: \\nrt-pw-bentley.com\\P\\W\\DOT\\Documents\\DOT_Offices\\D\\hrtct_4\\Projects\\D4_68A65\\CADD\\D468A65-shr-ADA.dgn

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		DRAWN	-	REVISED	-
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PLOT DATE	= 2/14/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
OLD RT. 9

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	148
CONTRACT NO. 68A65				
		ILLINOIS	FED. AID PROJECT	



LEGEND:

- CLEAR AREA
- DETECTABLE WARNINGS (SPECIAL)

NOTES:

USE HIGHWAY STANDARD 424001-12 (PERPENDICULAR CURB RAMPs FOR SIDEWALKS
STREET WIDTHS ARE NOT SHOWN TO SCALE

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FINAL CROSS-SLOPE, RUNNING SLOPE, LANDINGS, CLEAR AREA, AND SLOPE
AROUND RADIUS SHALL MEET PROWAG FINAL RULE.

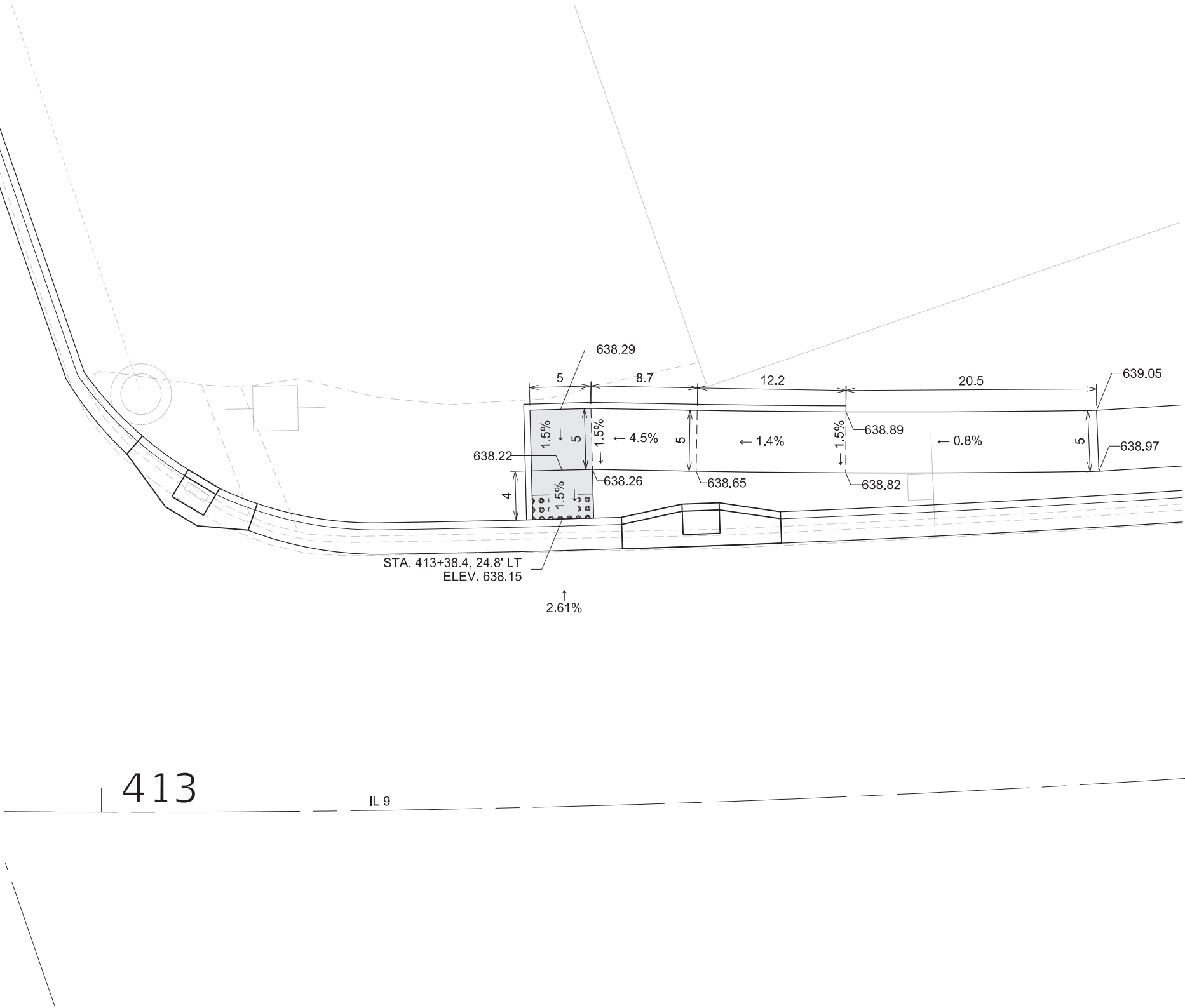
SEE "APPROACH NOSE DETAIL" FOR CURB RAMPs.

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SPECIFICATION.

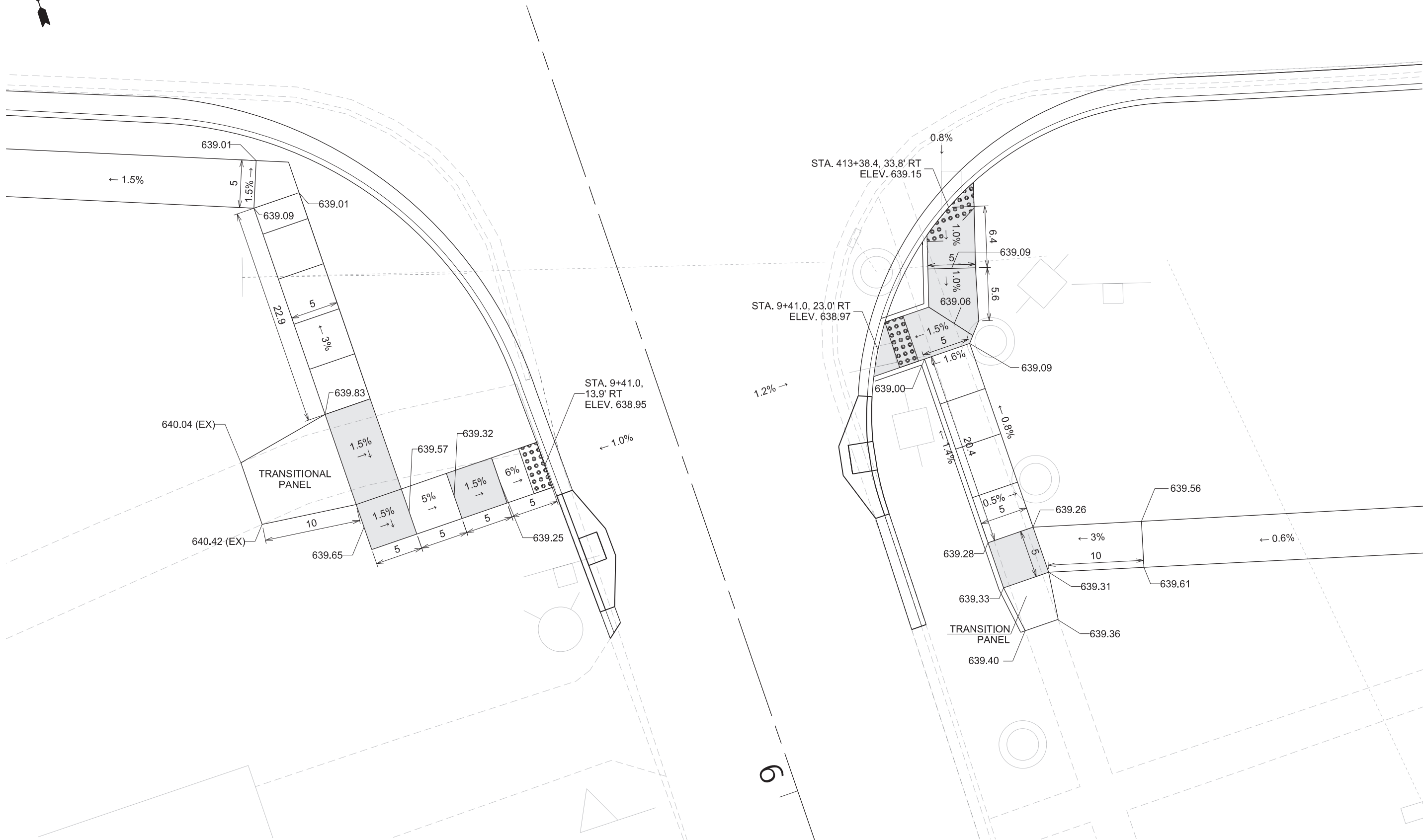


413

IL 9

MODEL: Default
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	USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA DETAILS WEST ST. (NE QUAD)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				693	118R5-8,W-2	TAZEWELL	292	149
	PLOT SCALE = 1:10	CHECKED -	REVISED -				CONTRACT NO. 68A65				
	PLOT DATE = 2/14/2025	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET 2	OF 7	SHEETS	STA.	TO STA.					



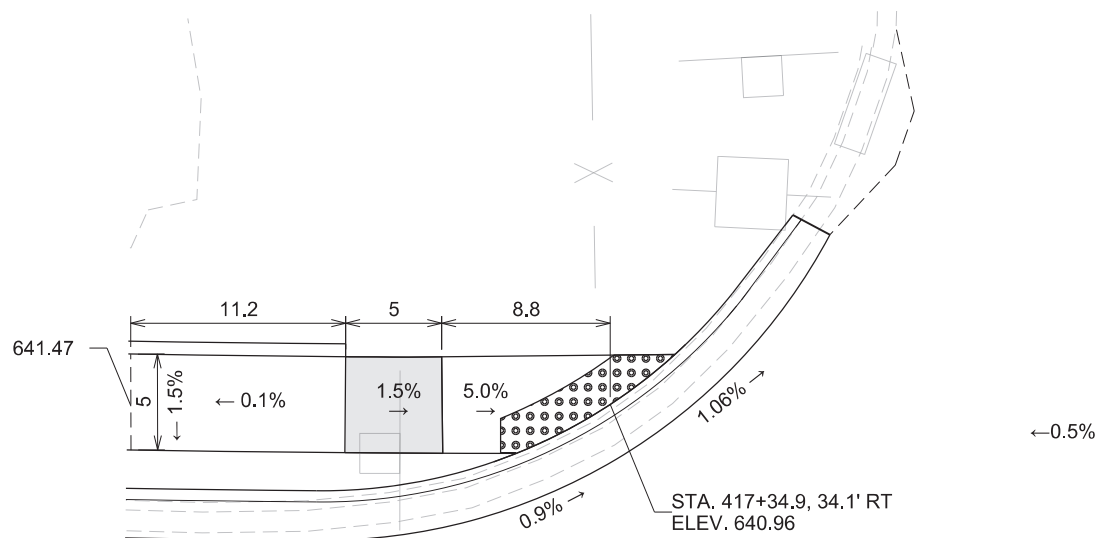
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USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 2/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

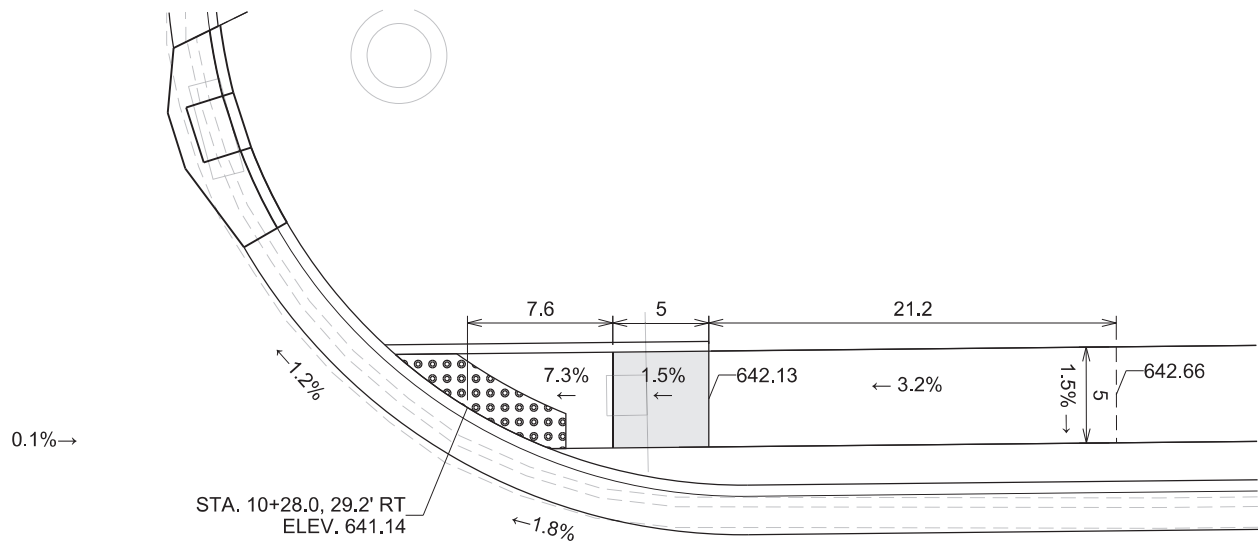
ADA DETAILS			
WEST ST. (SW & SE QUADS)			
SCALE:	SHEET 3	OF 7 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	150
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				



LOCUST ST.

10+00



LEGEND:

-  CLEAR AREA
-  DETECTABLE WARNINGS (SPECIAL)

NOTES:

USE HIGHWAY STANDARD 424001-12 (PERPENDICULAR CURB RAMPS FOR SIDEWALKS
STREET WIDTHS ARE NOT SHOWN TO SCALE

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SEE "APPROACH NOSE DETAIL" FOR CURB RAMPS.

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MEET CURRENT ACCESSIBILITY STANDARDS. INSTALLATION SHALL BE IN
ACCORDANCE WITH IDOT STANDARDS AND SECTION 424 OF THE STANDARD
SPECIFICATION.

IL 9

418

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DATE: 2/14/2025

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PLOT DATE = 2/14/2025	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
LOCUST ST. (NORTH)

SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.

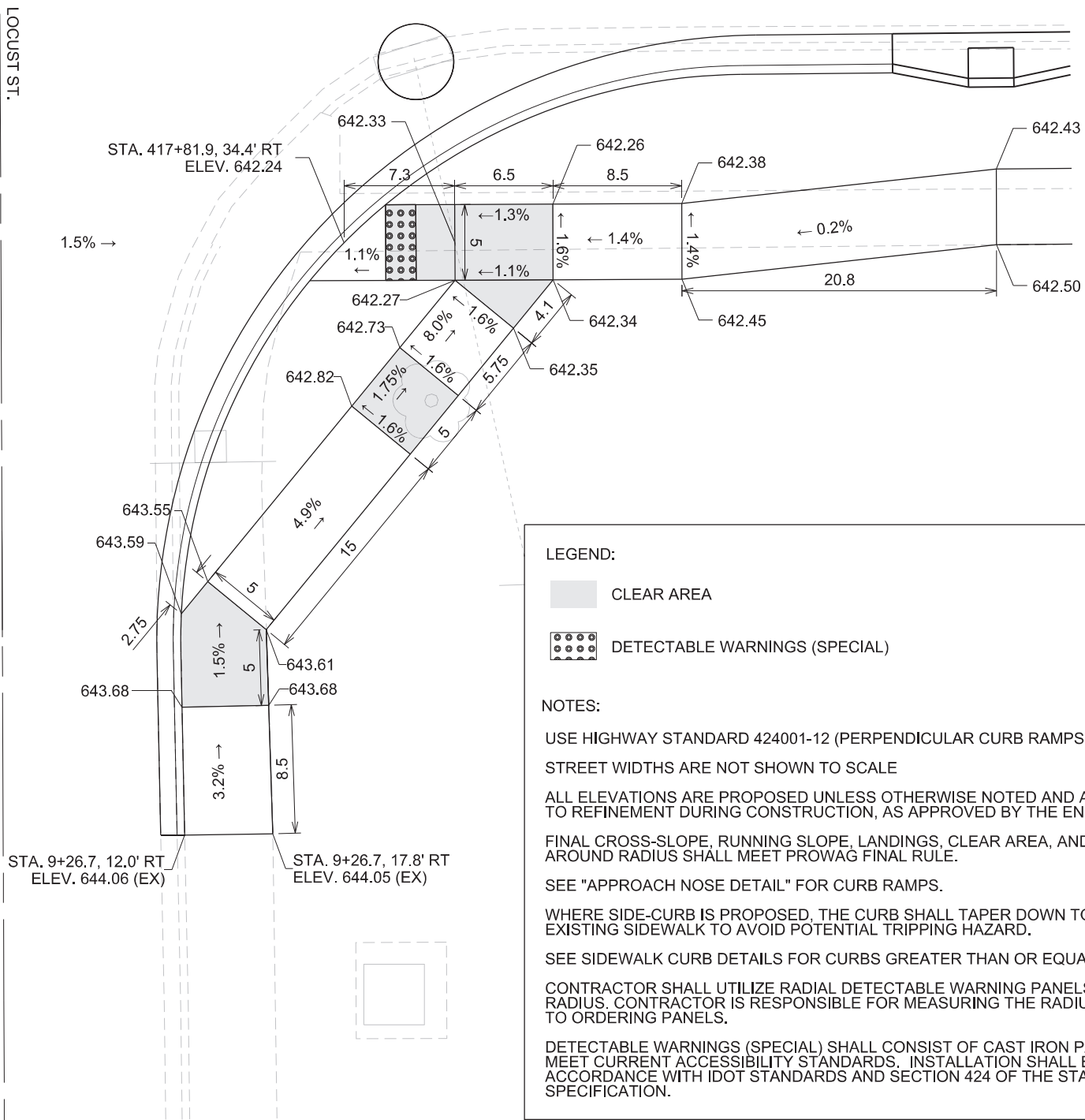
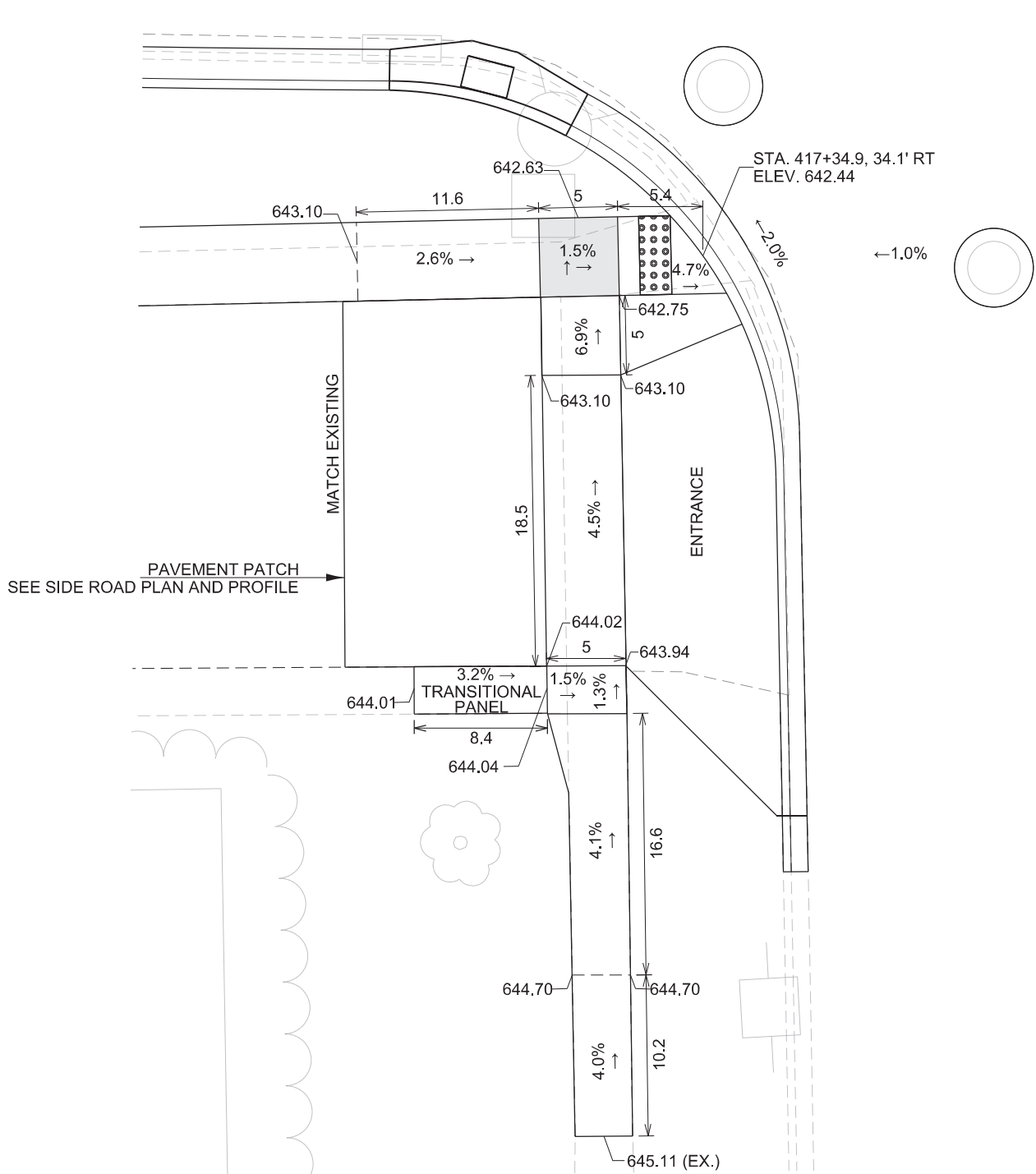
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	151
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

417

IL 9

10

418



LEGEND:

- CLEAR AREA
- DETECTABLE WARNINGS (SPECIAL)

NOTES:

USE HIGHWAY STANDARD 424001-12 (PERPENDICULAR CURB RAMPS FOR SIDEWALKS)

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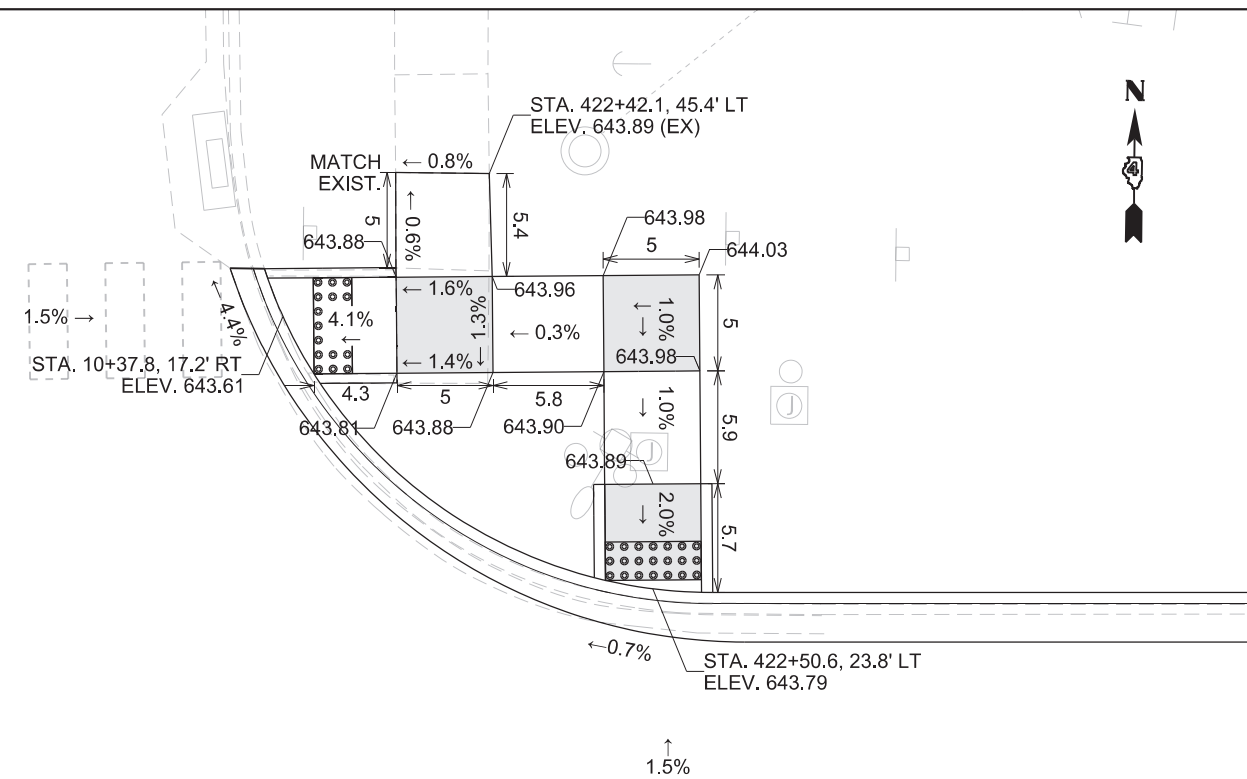
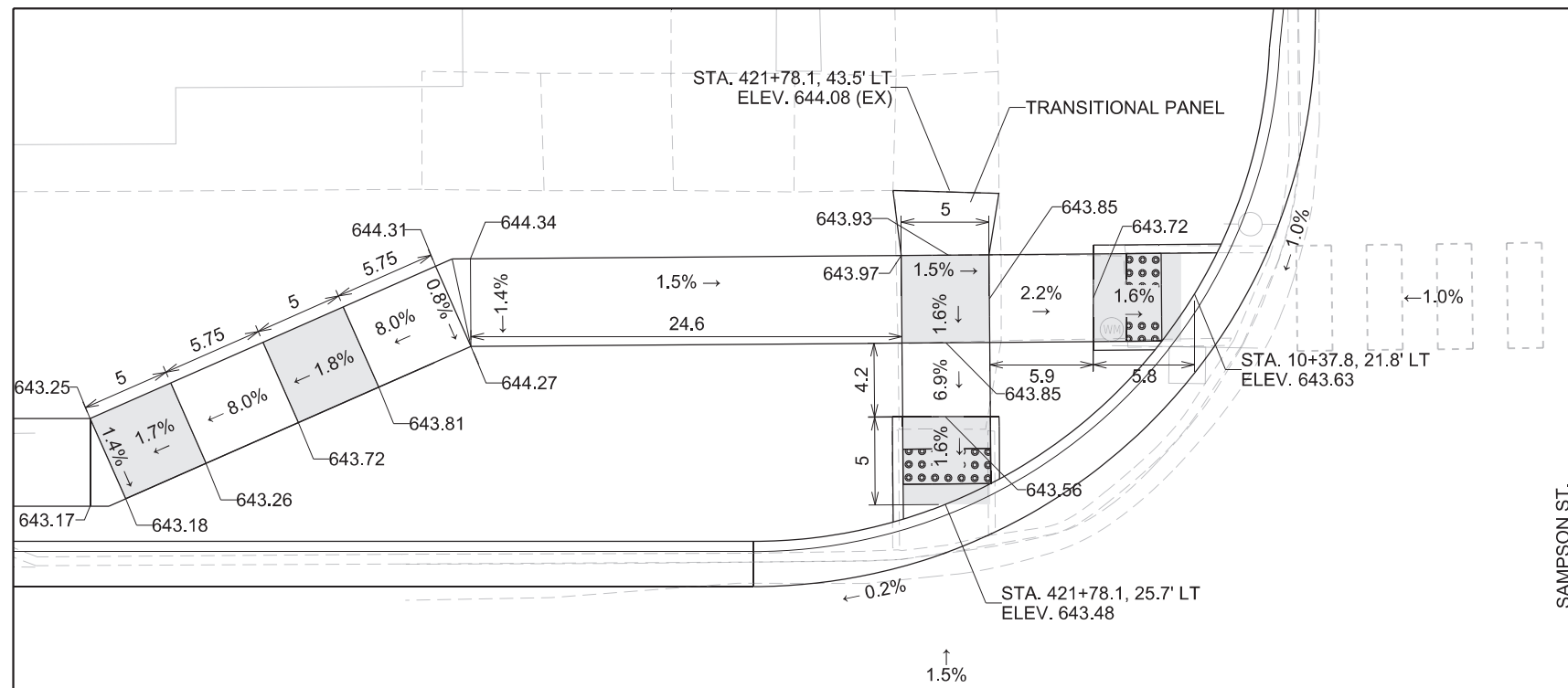
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PLOT DATE = 2/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
LOCUST ST. (SOUTH)

SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	152
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				



422 10+00

LEGEND:

-  CLEAR AREA
-  DETECTABLE WARNINGS (SPECIAL)

NOTES:

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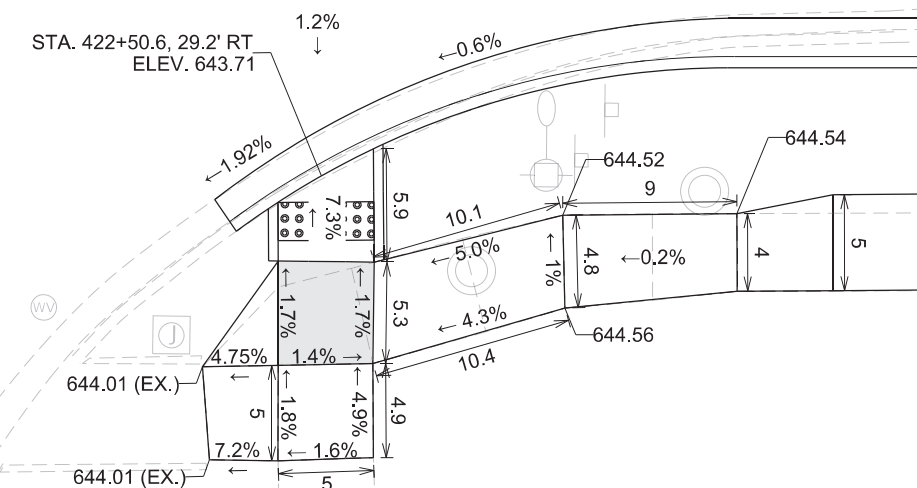
SEE "APPROACH NOSE DETAIL" FOR CURB RAMPS.

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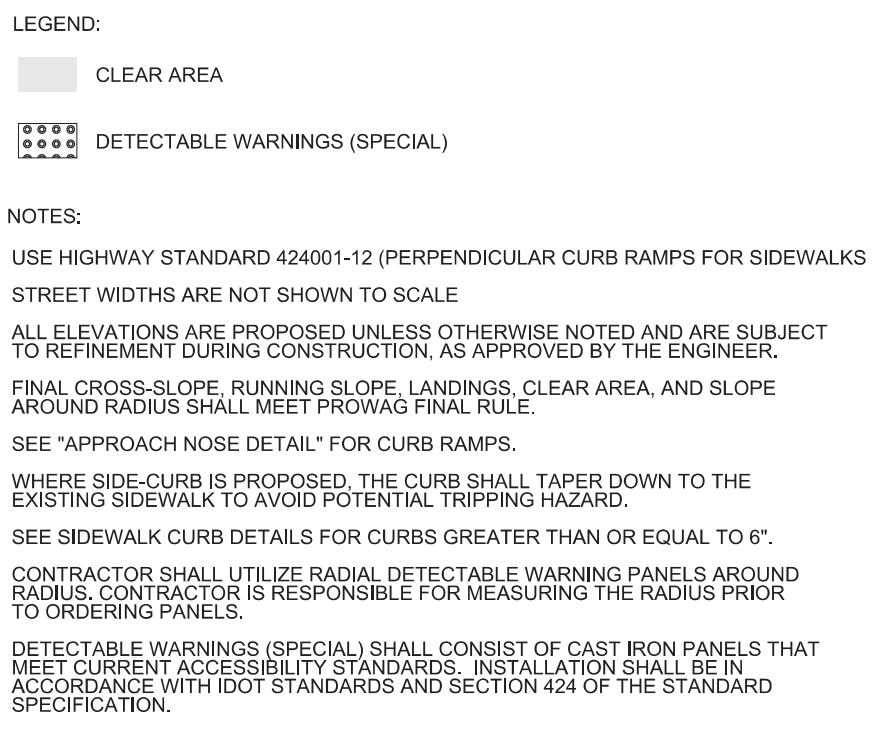
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA DETAILS
SAMPSON ST.**

SCALE:	SHEET 6	OF 7	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	153
		CONTRACT NO. 68A65		
ILLINOIS		FED. AID PROJECT		

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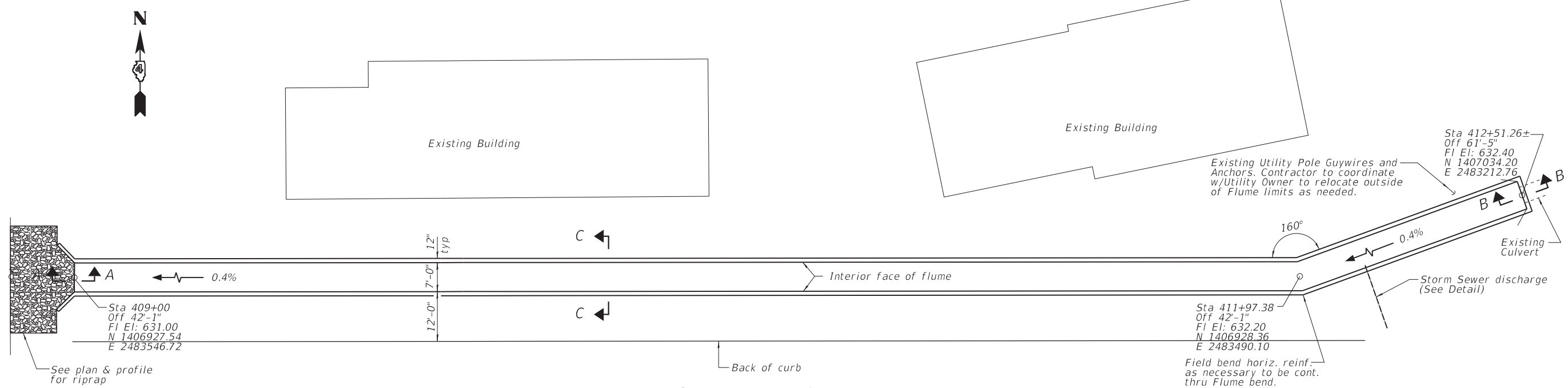
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PLOT DATE = 2/14/2025	DATE -	REVISED -

ADA DETAILS
HARRIS ST.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	154
		CONTRACT NO. 68A65		
ILLINOIS		FED. AID PROJECT		

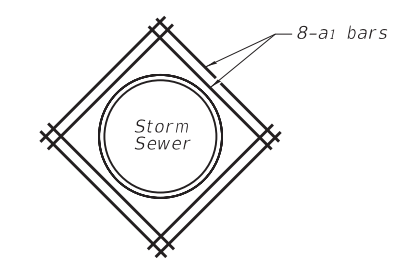
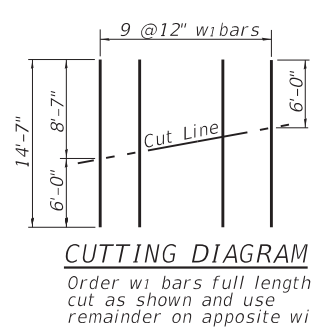
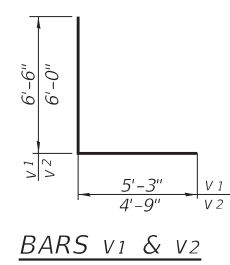
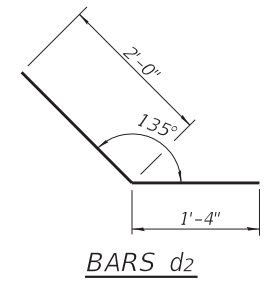
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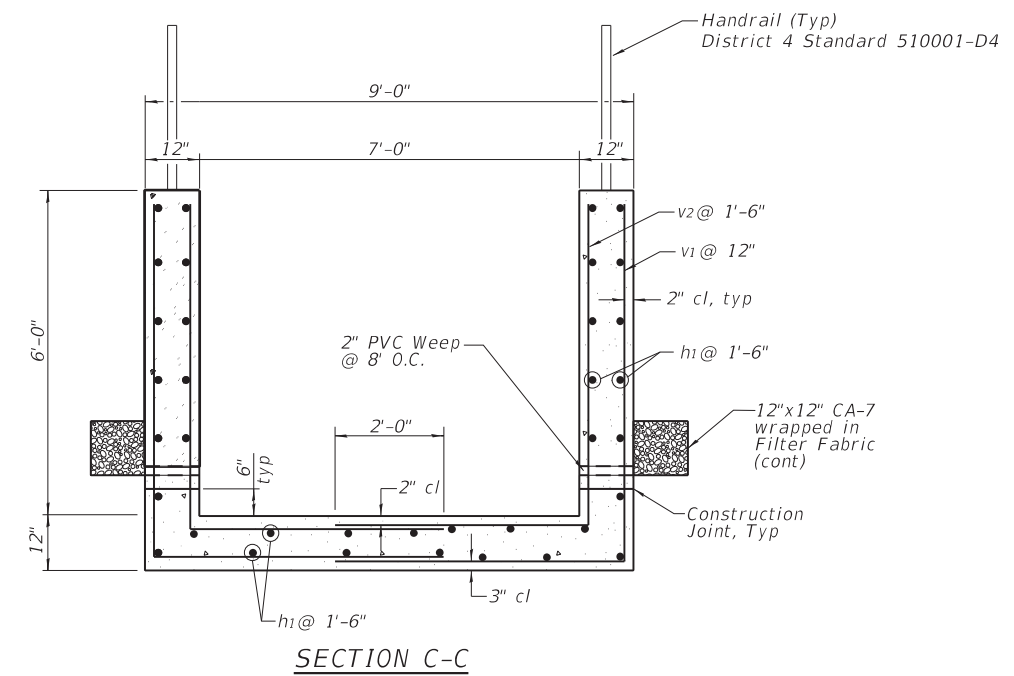
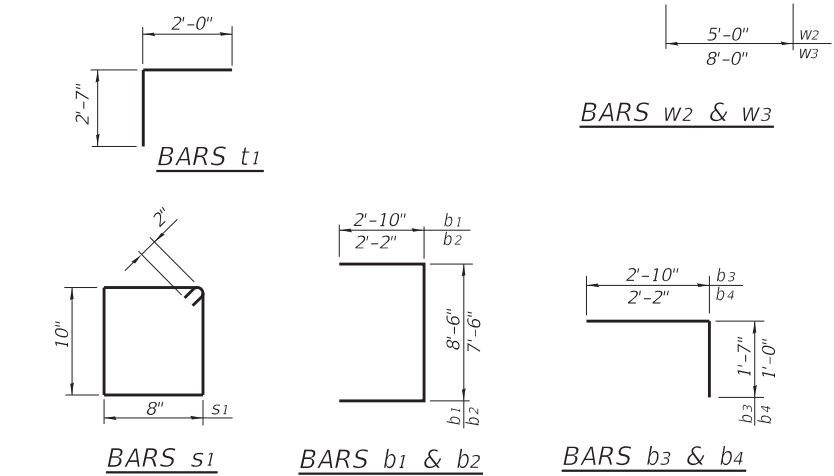
OVERALL PLAN VIEW

BAR SCHEDULE

Bar	No.	Size	Length	Shape
v1(E)	708	#5	11'-9"	
v2(E)	474	#4	10'-9"	
h1(E)	403	#4	29'-3"	
t1(E)	5	#4	4'-7"	
b1(E)	2	#4	14'-2"	
b2(E)	2	#4	11'-10"	
b3(E)	10	#4	4'-5"	
b4(E)	10	#4	3'-2"	
s1(E)	8	#3	3'-4"	
w1(E)	9	#4	14'-7"	
w2(E)	20	#4	9'-0"	
w3(E)	20	#4	11'-0"	
a1(E)	8	#4	3'-0"	
d1(E)	10	#4	2'-0"	
d2(E)	5	#4	3'-4"	
d3(E)	5	#4	1'-3"	
Reinforcement Bars			Pound	20,472



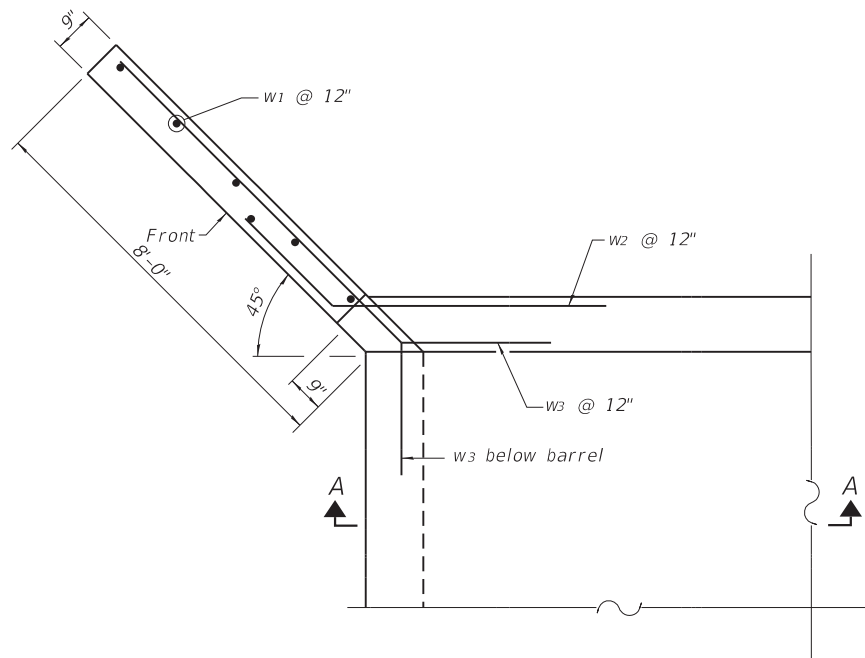
- GENERAL NOTES:
1. Concrete Class: SI
 2. Reinforcement: 60 ksi.
 3. #4 and #5 bar lap 2'-0".
 4. 2" cl unless noted otherwise.



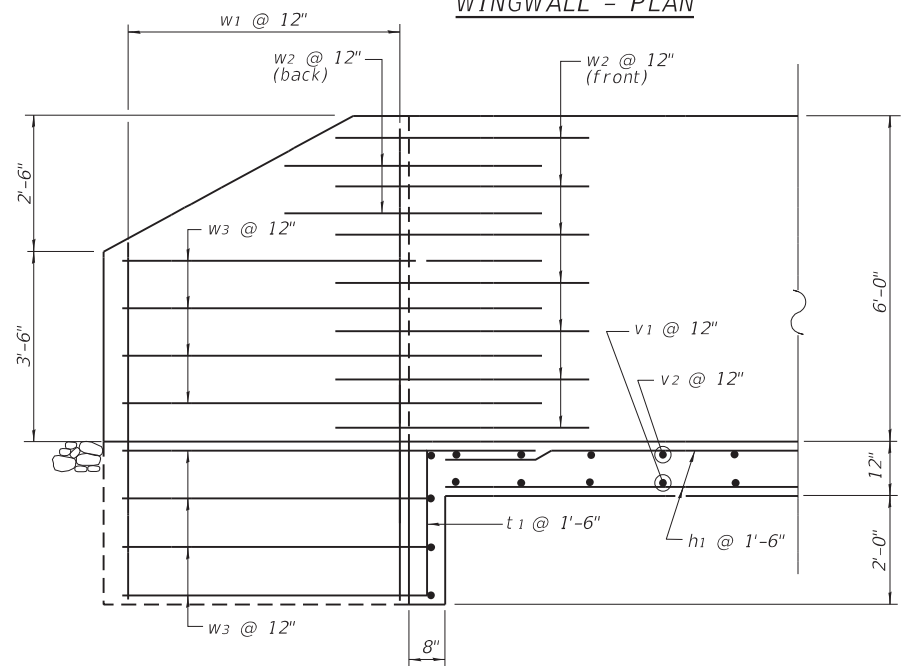
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structure Excavation	Cu Yd	474
Reinforcement Bars, Epoxy Coated	Pound	20,472
Concrete Structures	Cu Yd	281
Pipe Handrail	Foot	711
Concrete Removal	Cu Yd	1.7

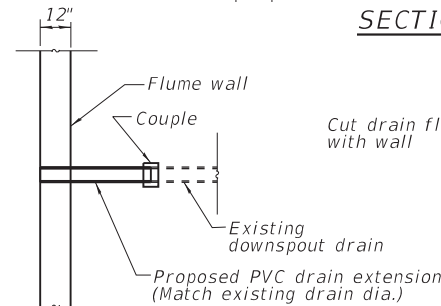
FLUME DETAILS
IL RTE 9 (PEARL ST) OVER
TIBER CREEK
F.A.P. RTE. 693 - SECTION 118RS-8
TAZEWELL COUNTY
STA 409+00.00 LT TO STA 412+50.00 LT



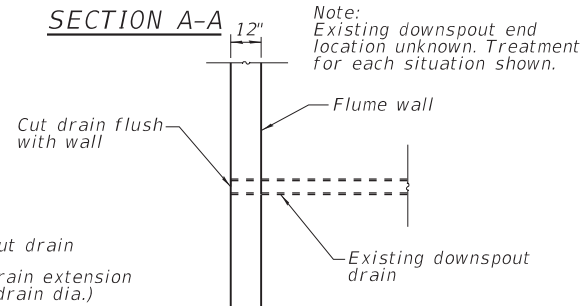
WINGWALL - PLAN



SECTION A-A

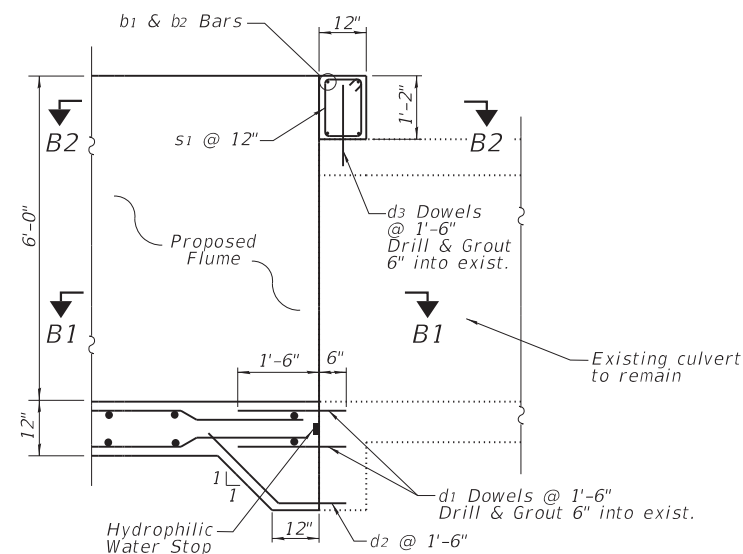


DRAIN EXTENSION

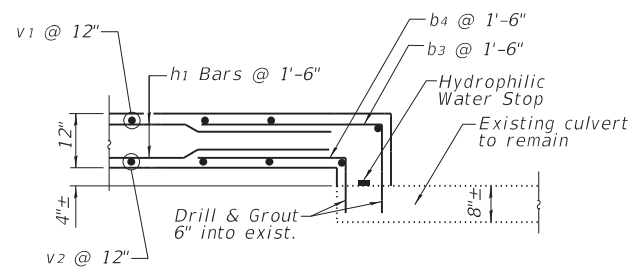


DRAIN TERMINATION

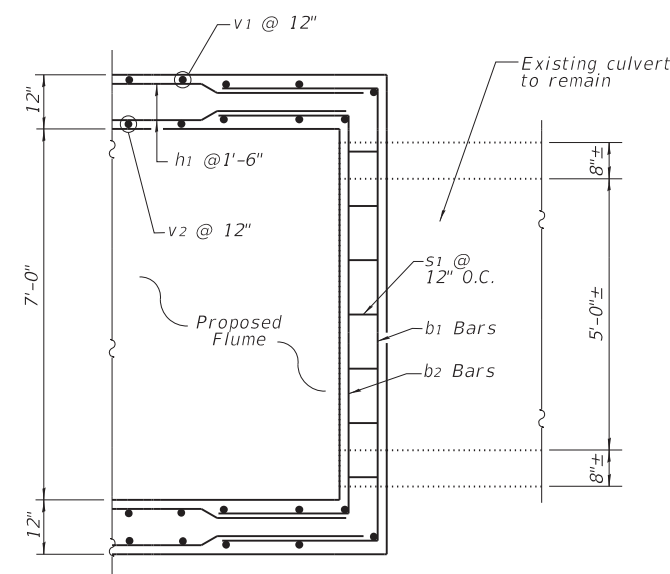
DOWNSPOUT CONNECTIONS



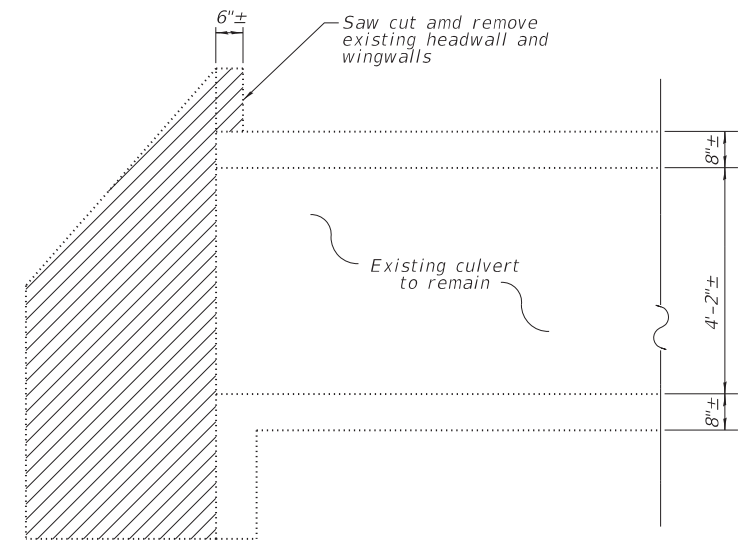
SECTION B-B



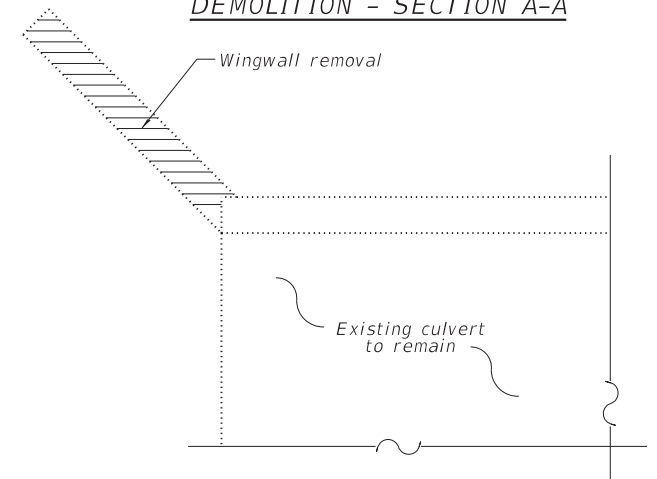
SECTION B1-B1



SECTION B2-B2



DEMOLITION - SECTION A-A



DEMOLITION - PLAN

FLUME DETAILS
IL RTE 9 (PEARL ST) OVER
TIBER CREEK
F.A.P. RTE. 693 - SECTION 118RS-8
TAZEWELL COUNTY
STA 409+00.00 LT TO STA 412+50.00 LT



SOIL BORING LOG

ROUTE FAP 693 (IL 9) DESCRIPTION Structure boring for flume installation LOGGED BY MK

SECTION 118RS-8 LOCATION IL 9 Tremont, SEC. 13, TWP. 24N, RNG. 4W, 3rd PM,
Latitude , Longitude

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO SPT Hammer

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft	D E P T H	B L O W S	U C S Qu	M O I S T
BORING NO. B-40883 Station 408+83 Offset 17.0 ft LT Ground Surface Elev. 634.97 ft	(ft)	(/6")	(tsf)	(%)	Groundwater Elev.: First Encounter 623.0 ft Upon Completion _____ ft After _____ Hrs. _____ ft	(ft)	(/6")	(tsf)	(%)
TOPSOIL, 3" / 634.72				10	Gray, moist to wet, stiff to very stiff SILTY CLAY, trace gravel (continued)		4		
FILL: Black to dark gray, moist, stiff to very stiff CLAY with sand, trace gravel and organics		3	1.8 B	30			5 8	2.8 B	13
		5							
		0					4		
		0	2.0	28			6	2.1	13
	-5	1	P		609.97	-25	9	B	
					End of Boring				
628.47		1							
Brownish gray, moist, medium stiff SILTY CLAY LOAM		1 2	0.6 B	25					
626.47									
Brown, moist, stiff SANDY CLAY LOAM, trace gravel		1 3 4	1.3 B	16					
	-10					-30			
623.97									
Gray, moist to wet, stiff to very stiff SILTY CLAY, trace gravel		3 4 4	0.9 S	16					
		4							
		4 6	1.7 B	14					
	-15					-35			
		4 5 6	1.8 B	14					
		4							
		6 7	1.6 B	14					
	-20					-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

ROUTE FAP 693 (IL 9) DESCRIPTION Structure boring for flume installation LOGGED BY MK

SECTION 118RS-8 LOCATION IL 9 Tremont, SEC. 13, TWP. 24N, RNG. 4W, 3rd PM,
Latitude , Longitude

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO SPT Hammer

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft	D E P T H	B L O W S	U C S Qu	M O I S T
BORING NO. B-41190 Station 411+90 Offset 25.0 ft LT Ground Surface Elev. 637.22 ft	(ft)	(/6")	(tsf)	(%)	Groundwater Elev.: First Encounter 628.7 ft Upon Completion 620.2 ft After _____ Hrs. _____ ft	(ft)	(/6")	(tsf)	(%)
TOPSOIL, 3" / 636.97				16	Gray, wet, very stiff SILTY CLAY, trace sand and gravel (continued)				
FILL: Dark brown and brown, moist CLAY LOAM, trace sand and gravel		0					5		
		2	1.2 S	26			5 7	2.5 B	13
		2							
		0					4		
		0	0.2	32			6	2.5	14
	-5	0	B		612.22	-25	8	B	
					End of Boring				
631.22									
Grayish brown to brown, moist to wet, stiff SILTY SANDY CLAY LOAM		0 1 1	0.2 B	25					
		1							
		3 4	1.9 B	16					
	-10					-30			
626.22									
Gray, wet, very stiff SILTY CLAY, trace sand and gravel		4 4 8	1.7 B	13					
		5							
		7 7	2.9 B	13					
	-15					-35			
		5							
		7 10	3.1 B	13					
		4							
		6 8	2.7 B	13					
	-20					-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1:100	CHECKED -	REVISED -
PLOT DATE = 2/14/2025	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	157
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

Benchmark: N CAP BOLT F.H. @ East end of circle drive for Tremont High pavement
STA 397+50 60.0' RT. Elev. = 638.566
Existing Structure: The structure is a 5'x4' reinforced concrete box culvert originally built in 1922 and extended in 1962.
Traffic to be maintained utilizing stage construction
No salvage
Precast alternate is not allowed

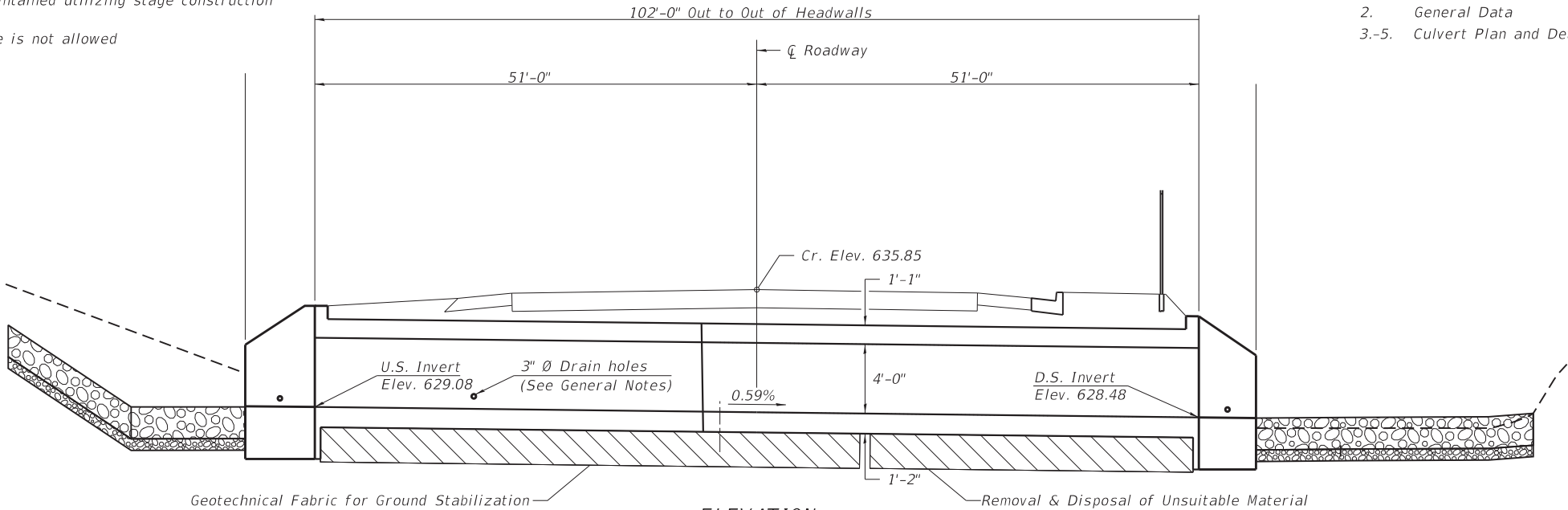
INDEX OF SHEETS

- 1. General Plan and Elevation
- 2. General Data
- 3.-5. Culvert Plan and Details

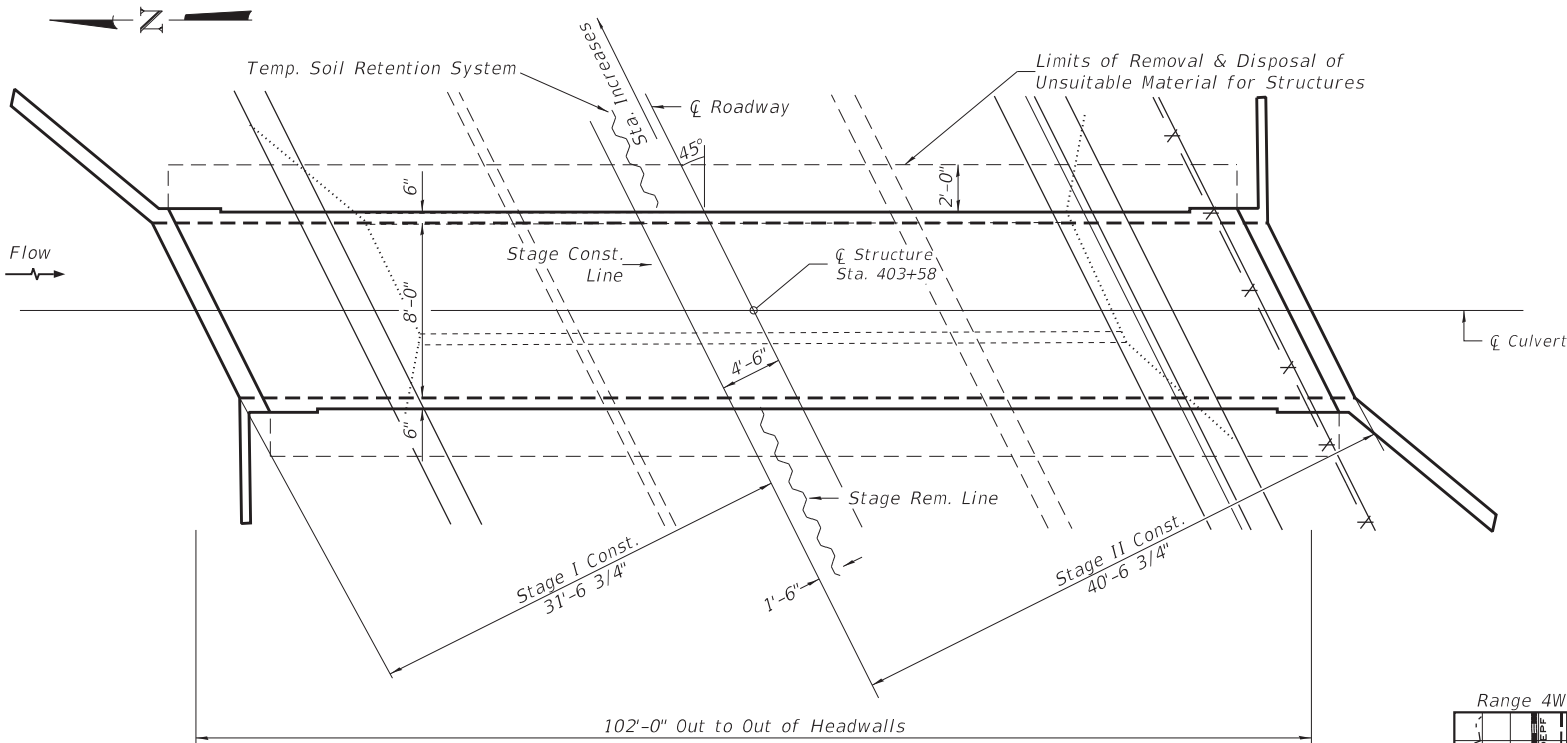
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures	Each	1
Name Plates	Each	1
Structure Excavation	Cu. Yd.	196
Concrete Box Culverts	Cu. Yd.	103.2
Reinforcement Bars, Epoxy Coated	Pound	16,925
Bar Splicers	Each	46
Porous Granular Embankment	Cu. Yd.	148
Rock Fill	Tons	151
Geotechnical Fabric for Ground Stabilization	Sq. Yd.	143
* Temporary Soil Retention System	Sq. Ft.	50
* Temporary Support System	Each	1
Removal & Disposal of Unsuitable Materials for Structures	Cu. Yd.	98
Membrane Waterproofing System for Buried Structures	Sq. Yd.	143
Geocomposite Wall Drain	Sq. Yd.	143

* See Sheet 94 for staging typicals. Temporary Support System to be used at stage line to support the existing box during Stage I.



ELEVATION
(See typicals for Roadway plans)



PLAN

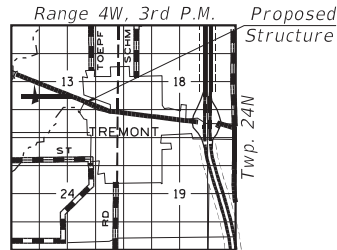
STATION 403+58.00
BUILT 20__ BY
STATE OF ILLINOIS
F.A.P. RT. 693 - SEC. 118 RS-8
LOADING HL-93
STR. NO. 090-2507

NAME PLATE
See Std. 515001



EXPIRES 11-30-2026

Jayme F. Schiff



LOCATION SKETCH

DESIGN SPECIFICATIONS

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

LOADING HL-93

Allow 50#/sq. ft for future wearing surface.

DESIGN STRESSES

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

GENERAL PLAN AND ELEVATION

IL RTE. 9 (PEARL ST.) OVER
TIBER CREEK

F.A.P. RTE. 693 SEC. 118RS-8

TAZEWELL COUNTY

STATION 403+58

S.N. 090-2507

MODEL: Default
FILE: \\net1\paw.bentley.com\paw\DOT\Documents\DOT Office\Dir\ct: A\Projects\DA_68A65\CADD\DA_68A65-shc-culvert\TiberCreek.dgn

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	DRAWN -	REVISED -
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PLOT DATE = 3/31/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
SN 090-2507

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	158
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

The design fill height for this box is 1 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.

Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be located within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.

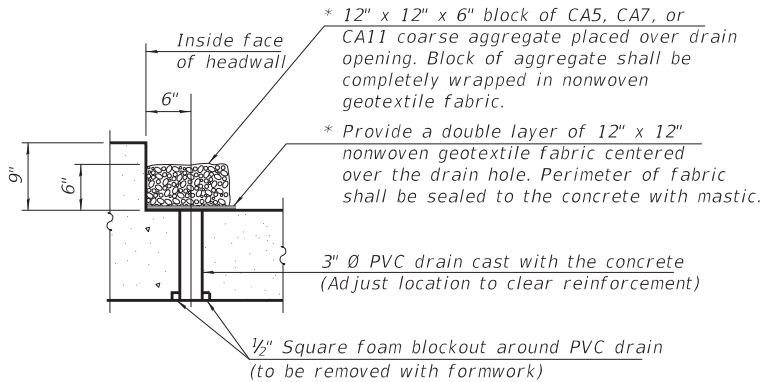
Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

Cast in place box culvert shall be backfilled with Porous Granular Embankment in the required excavation areas on the sides of the box culvert from the top of the box culvert to the bottom of the box culvert. This area of PGE is included in the Porous Granular Embankment pay item. The 6-inch thick layer of porous granular material required under the precast concrete box culvert, according to Section 540.06 of the standard specifications, shall also apply to the end sections. Cost of this porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.

Precast alternate is not allowed.

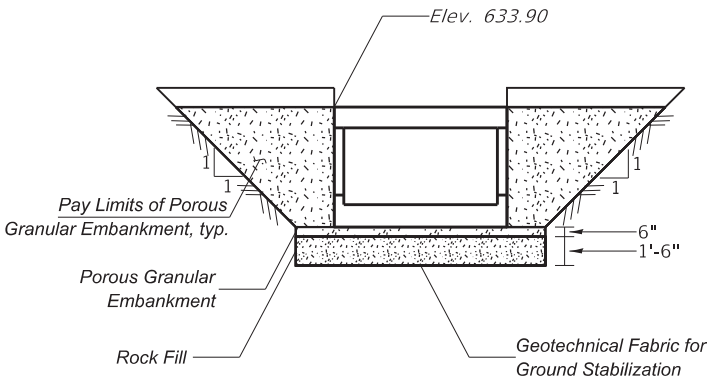
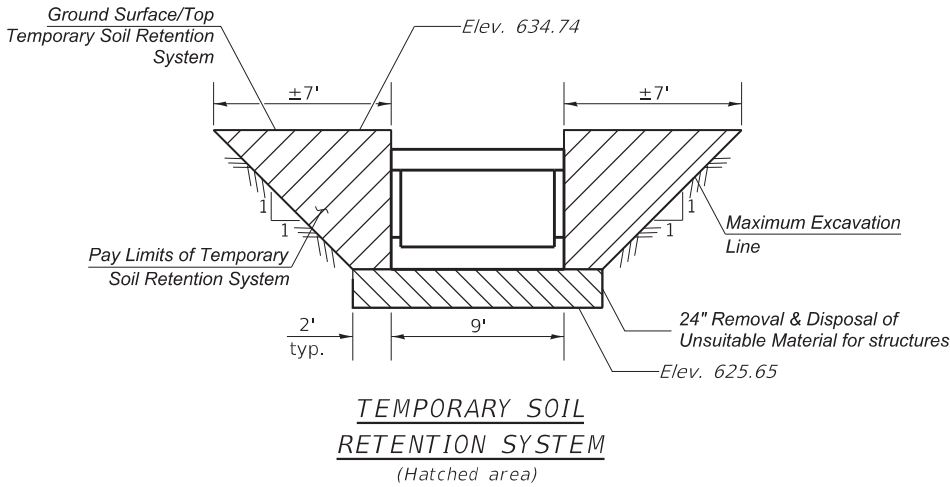
Reinforcement bars designated (E) shall be epoxy coated.

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

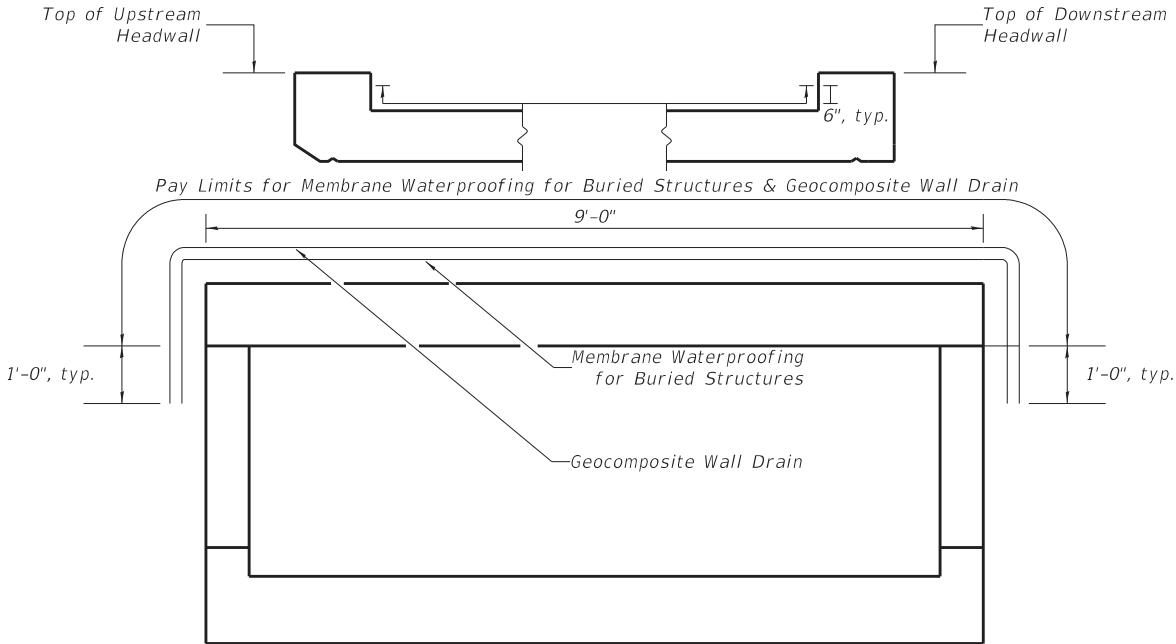


DRAIN DETAIL

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



POROUS GRANULAR EMBANKMENT



MEMBRANE WATERPROOFING FOR BURIED STRUCTURES

Note: Membrane Waterproofing for Culverts shall cover top of the top slab, top one foot of side walls (below top slab joint), and 6 inches up inside face of headwalls.

MODEL: Default
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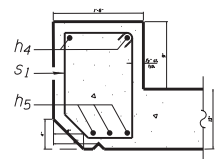
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PLOT SCALE = 1:40	DRAWN -	REVISED -
PLOT DATE = 2/14/2025	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

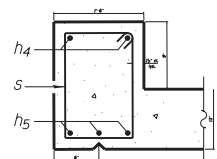
GENERAL DATA

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

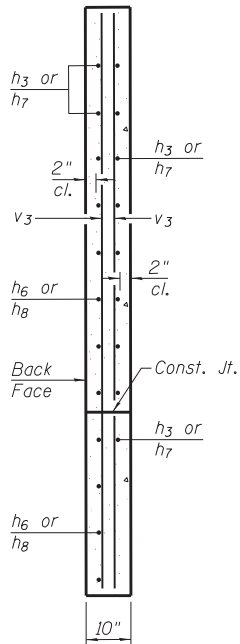


3/4" "A" Drip notch
full length of span
UPSTREAM



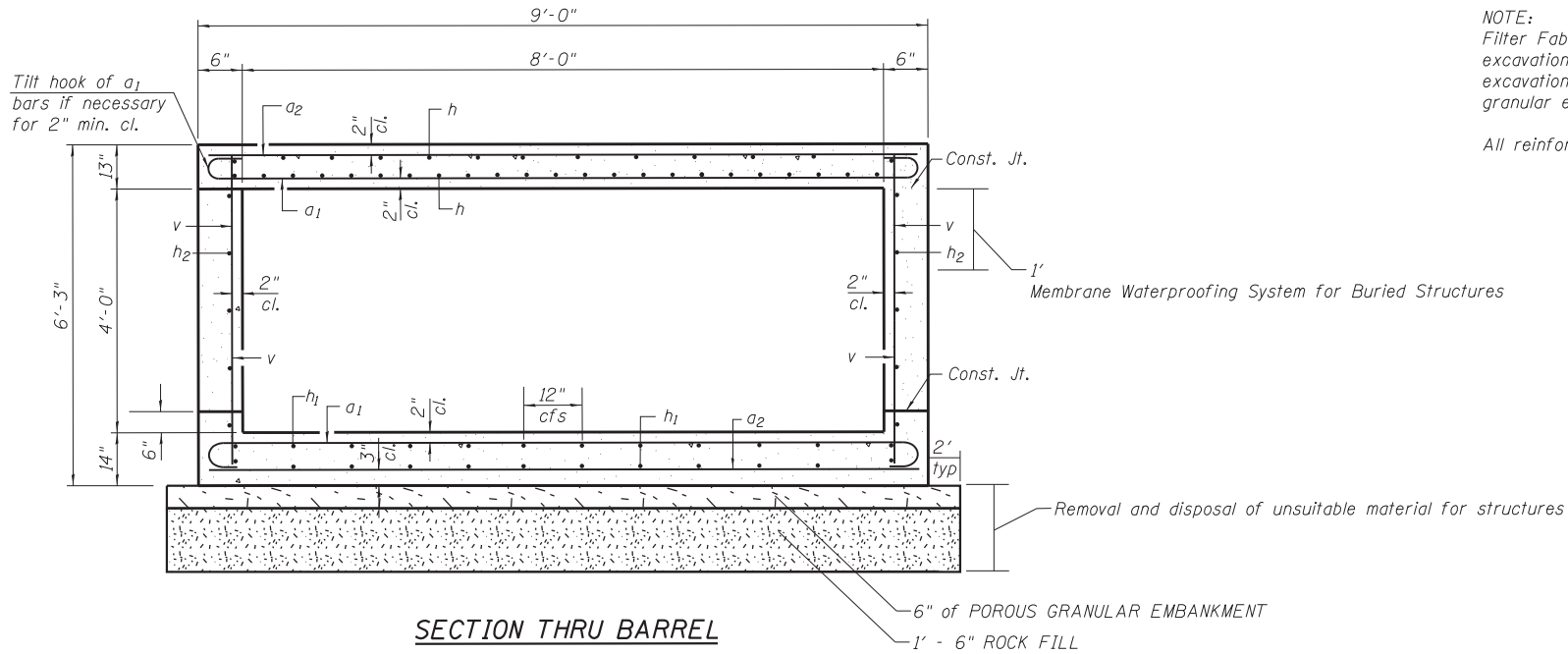
3/4" "A" Drip notch
full length of span
DOWNSTREAM

SECTION THRU HEADWALL



SECTION A-A

- Notes:
1. A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
 2. Bars indicated thus 12 x 4-#5 etc, indicates 12 lines of bars with 4 lengths per line.
 3. At the Contractor's option, a longer v₁ bar may be ordered to replace the v bar.
- No reduction in quantities shall be made for this substitution.



NOTE:
Filter Fabric shall be placed at the bottom of the excavation. Rockfill shall be used to backfill the excavation and capped with 6 inches of porous granular embankment (CA7 or CA11).

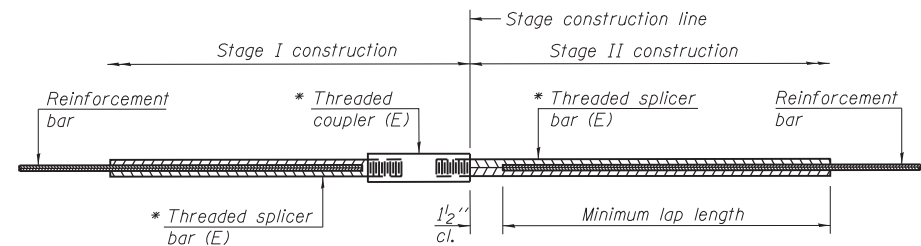
All reinforcement shall be epoxy coated.

BILL OF MATERIAL
STAGE I

Bar	No.	Size	Length	Shape
a ₁ (E)	122	#6	14'-9"	
a ₂ (E)	62	#5	12'-3"	
a ₅ (E)	1	#4	12'-3"	
d (E)	9	#4	4'-5"	
h (E)	36	#5	25'-6"	
h ₁ (E)	36	#5	25'-6"	
h ₂ (E)	20	#4	24'-11"	
h ₃ (E)	7	#8	8'-0"	
h ₄ (E)	2	#6	12'-3"	
h ₅ (E)	3	#7	12'-3"	
h ₆ (E)	8	#8	15'-7"	
h ₇ (E)	7	#8	8'-0"	
h ₈ (E)	8	#8	8'-7"	
s ₁ (E)	13	#4	6'-1/2"	
v (E)	200	#4	5'-4"	
v ₁ (E)	2	#4	5'-4"	
v ₃ (E)	8	#4	8'-3"	
Concrete Box Culverts			Cu. Yd.	45.2
Reinforcement Bars, Epoxy Coated			Pound	7,583
Membrane Waterproofing System for Buried Structures			Sq. Yd.	62.2
Geocomposite Wall Drain			Sq. Yd.	15

BILL OF MATERIAL
STAGE II

Bar	No.	Size	Length	Shape
a ₁ (E)	158	#6	14'-9"	
a ₂ (E)	80	#5	12'-3"	
a ₅ (E)	1	#4	12'-3"	
d (E)	9	#4	4'-5"	
h ₉ (E)	36	#5	31'-9"	
h ₁₀ (E)	36	#5	31'-9"	
h ₁₁ (E)	20	#4	31'-2"	
h ₃ (E)	7	#8	8'-0"	
h ₄ (E)	2	#6	12'-3"	
h ₅ (E)	3	#7	12'-3"	
h ₆ (E)	8	#8	15'-7"	
h ₇ (E)	7	#8	8'-0"	
h ₈ (E)	8	#8	8'-7"	
s (E)	13	#4	6'-2"	
v (E)	250	#4	5'-4"	
v ₁ (E)	2	#4	5'-4"	
v ₃ (E)	8	#4	8'-3"	
Concrete Box Culverts			Cu. Yd.	58.0
Reinforcement Bars, Epoxy Coated			Pound	9,342
Membrane Waterproofing System for Buried Structures			Sq. Yd.	80.8
Geocomposite Wall Drain			Sq. Yd.	19

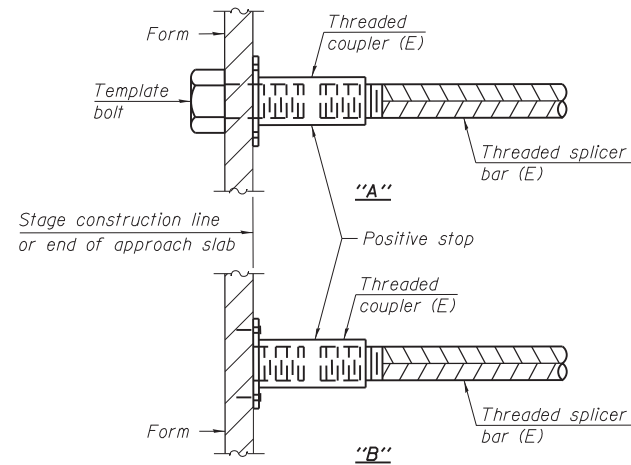


STANDARD BAR SPLICER ASSEMBLY

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

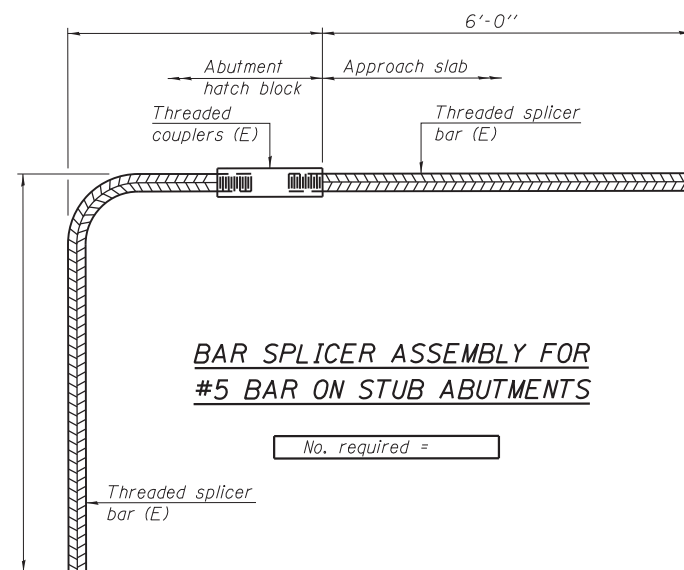
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Side Walls (h2 bar)	#4	10	2'-7"
Stage I (h1 & h)	#5	36	3'-2"
Top & Bott. Slab			



INSTALLATION AND SETTING METHODS

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



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required =

NOTES

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

BSD-1

11-22-2016

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\$FILEL\$		DRAWN -	REVISED -					693	118RS-8,W-2	TAZEWELL	292	161A
\$MODELNAME\$		CHECKED -	REVISED -		CONTRACT NO. 68A65			ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -		SCALE:	SHEET \$S	OF \$OS SHEETS	STA.	TO STA.			



SOIL BORING LOG

ROUTE FAP 693 (IL 9) DESCRIPTION Structure Boring for Culvert Replacement LOGGED BYDanish (SAM)

SECTION 115RS-5,118RS-7 LOCATION WB Shoulder, SEC. 13, TWP. 24N, RNG. 4W, 3rd PM,
Latitude 40d 31' 43" N, Longitude 89d 29' 51" W

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. Station 403+60	D E P T H ft (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. ft Stream Bed Elev. ft	D E P T H ft (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
BORING NO. SB-1 Station 403+80 Offset 15.0 ft LT Ground Surface Elev. 634.50					Groundwater Elev.: First Encounter ft Upon Completion ft After Hrs. Not Taken				
TOPSOIL, black 634.17					CLAY, gray, stiff, trace gravel				
CLAY, brown and gray, stiff, with roots 632.00		3 4 5					3 6 7	2.0	
CLAY, dark brown, medium stiff, trace gravel 628.50									
		2 2 -5	1.0 B				3 6 6	1.2	
					End of Boring				
SILTY CLAY, gray, medium stiff, trace gravel 624.50		1 2 3							
		1 2 -10	0.5 B						
CLAY, gray, medium stiff, trace gravel 621.00		2 2 5	0.7 B						
SILTY SAND, dark gray, loose, trace wood 616.00		2 3 4							
		3 3 5							
CLAY, brown and gray, stiff, trace gravel 614.50		3 5 -20	1.9						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

ROUTE FAP 693 (IL 9) DESCRIPTION Structure Boring for Culvert Replacement LOGGED BYDanish (SAM)

SECTION 115RS-5,118RS-7 LOCATION EB Shoulder, SEC. 13, TWP. 24N, RNG. 4W, 3rd PM,
Latitude 40d 31' 43" N, Longitude 89d 29' 52" W

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. Station 403+60	D E P T H ft (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev. ft Stream Bed Elev. ft	D E P T H ft (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)
BORING NO. SB-2 Station 403+24 Offset 16.5 ft RT Ground Surface Elev. 634.50					Groundwater Elev.: First Encounter ft Upon Completion ft After Hrs. Not Taken				
SAND and GRAVEL 633.50					CLAY, gray, stiff to very stiff, trace gravel (continued)				
CLAY, dark brown, stiff, trace gravel 632.00		2 4 4					4 5 7	1.7	
CLAY, brown and gray, soft, trace sand, gravel and wood 629.50									
		2 2 -5	0.3				4 5 8	1.9	
SILTY CLAY, brown and gray, soft, trace sand and gravel 625.00		1 2 2	0.4		End of Boring				
		1 2 -10	0.4						
SAND and GRAVEL, gray, loose 623.50		2 3 4	0.7 B						
CLAY, gray, medium stiff to stiff, trace coal and sand 618.50		2 4 5	1.7						
CLAY, gray, stiff to very stiff, trace gravel		4 7 10	1.9						
		3 6 8	2.1						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

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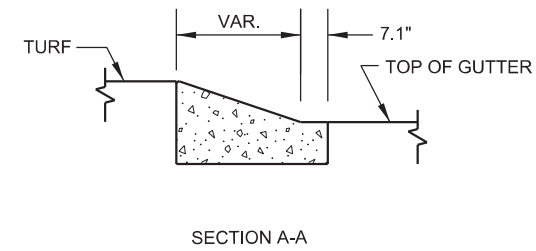
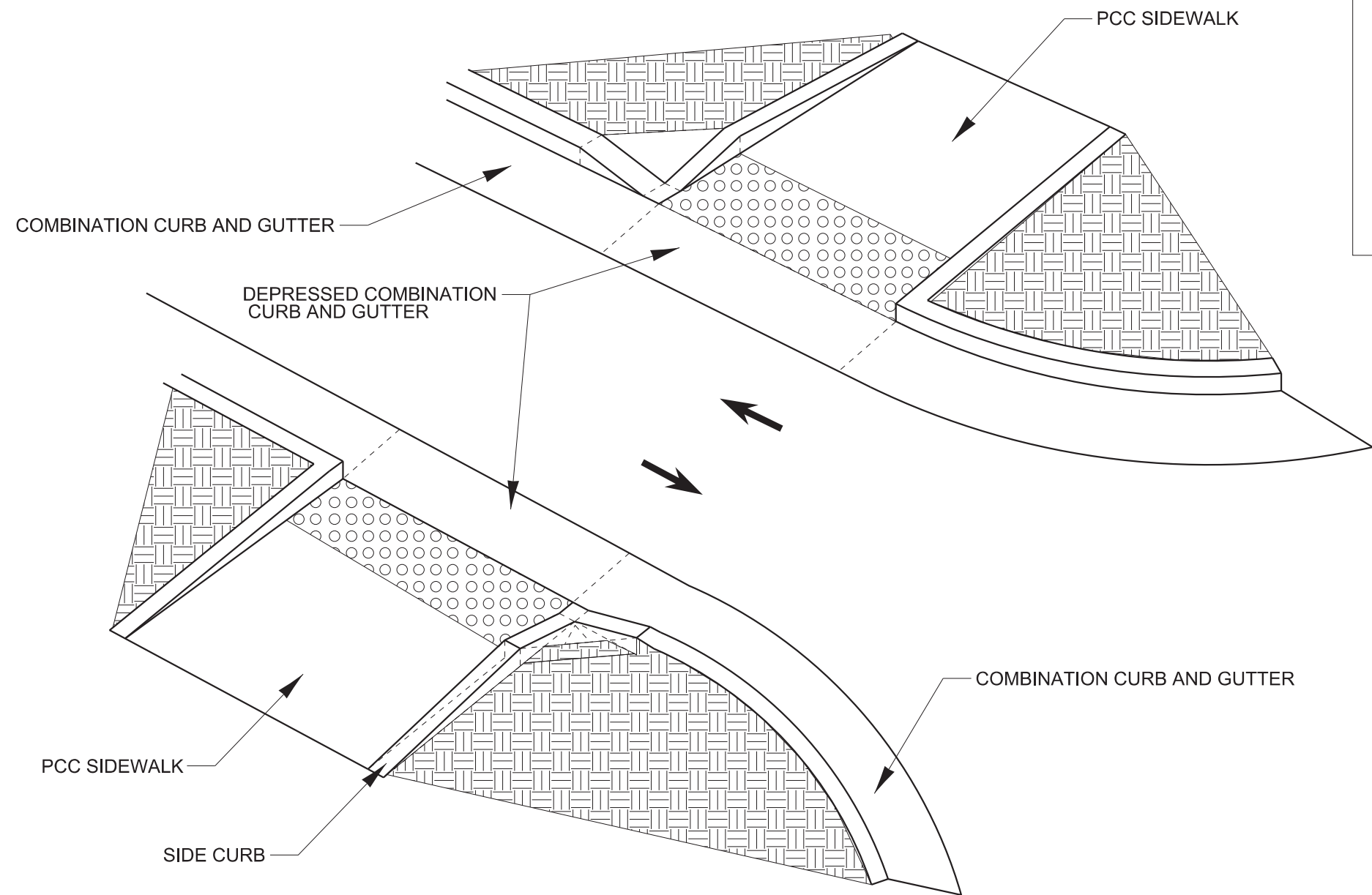
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PLOT DATE = 2/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

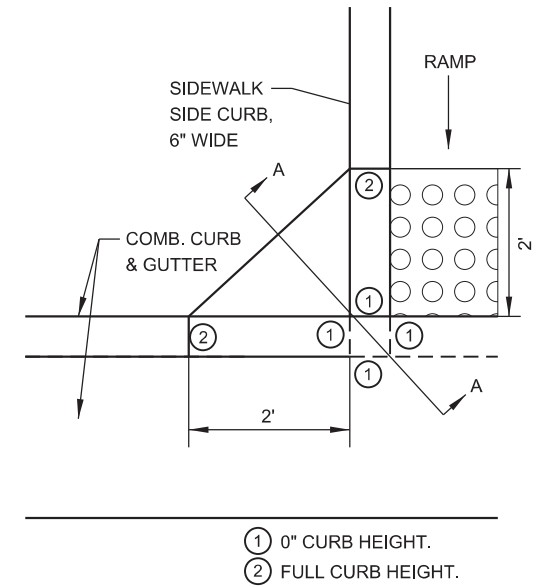
BORING LOGS (TIBER CREEK CULVERT)			
SCALE:	SHEET 5	OF 5 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	162
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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NOTE: APPROACH NOSE CAN EITHER BE P.C.C. SIDEWALK, 4" OR GRADED TURF.

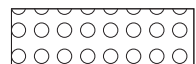


APPROACH NOSE DETAIL

LEGEND



TURF



DETECTABLE WARNING

NOTES:

IF CONTRACTOR OR LOCAL AGENCY REQUESTS A VARIATION OF THE BEAVER TAIL, APPROVAL MUST BE MADE BY BOTH RESIDENT ENGINEER AND DISTRICT ADA COORDINATOR.

APPROACH NOSE CAN EITHER BE CONCRETE OR GRADED TURF. IF CONCRETE IS USED, IT SHALL BE PAID FOR AS P.C.C SIDEWALK.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = 1:100	DRAWN -	REVISED -
PLOT DATE = 2/14/2025	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

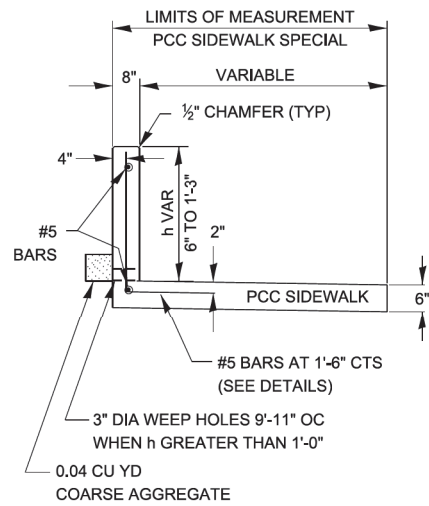
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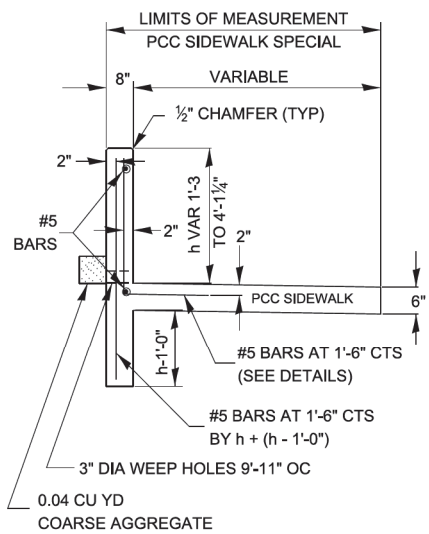
SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	163
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

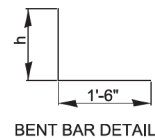
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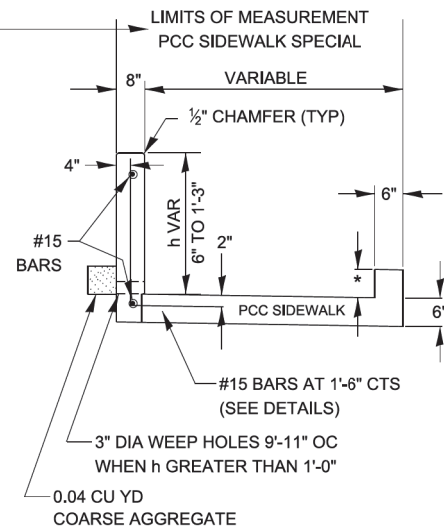
TYPE 1



TYPE 2

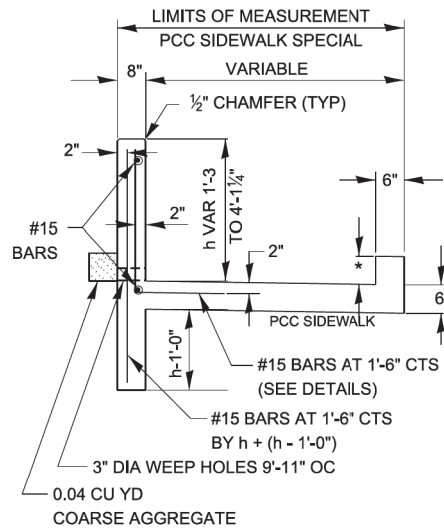


BENT BAR DETAIL



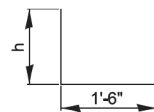
TYPE 1

APPLIED AT LOCATIONS WHERE WALL
HEIGHT VARIES FROM 6" TO 1'-3"



TYPE 2

APPLIED AT LOCATIONS WHERE WALL
HEIGHT VARIES FROM 1'-3" TO 4'-1 1/4"



BENT BAR DETAIL

* HEIGHT VARIES AS PER STANDARD 424001.

NOTE: PREFORMED EXPANSION JOINT FILLER SHALL BE PLACED ALONG THE ENTIRE
JOINT AT LOCATIONS WHERE THE PCC SIDEWALK SPECIAL CHANGES FROM TYPE 1
TO TYPE 2. PREFORMED EXPANSION JOINT FILLER SHALL COMPLY WITH SECTION 1051
OF THE STANDARD SPECIFICATIONS. COST INCIDENTAL TO PCC SIDEWALK 6" SPECIAL.

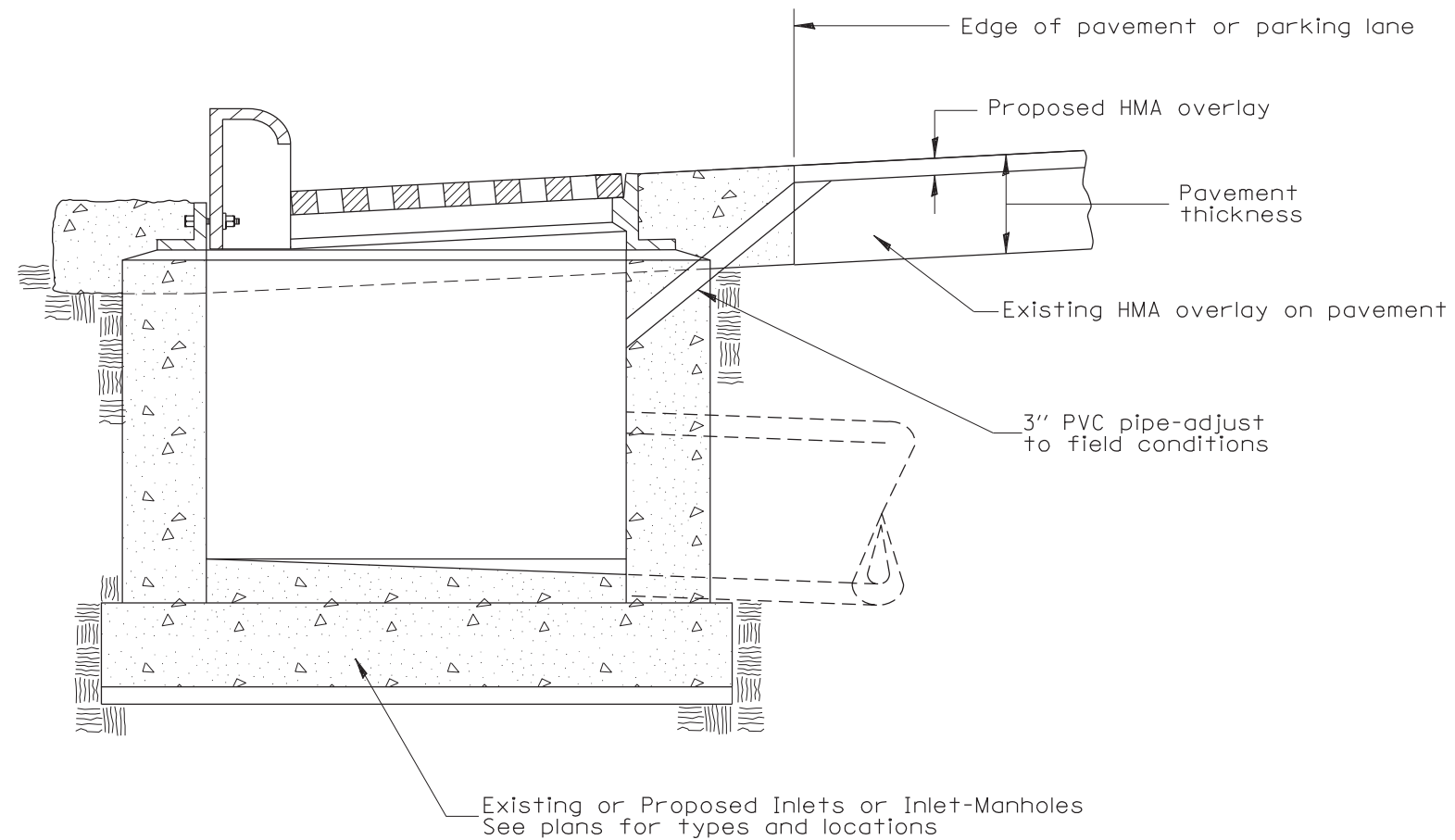
All materials needed to construct curb and retaining walls
as shown in the details shall be considered included in the cost of
PCC SIDEWALK 6 INCH (SPECIAL)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK WITH RETAINING WALL
AND CURB DETAILS

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	164
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

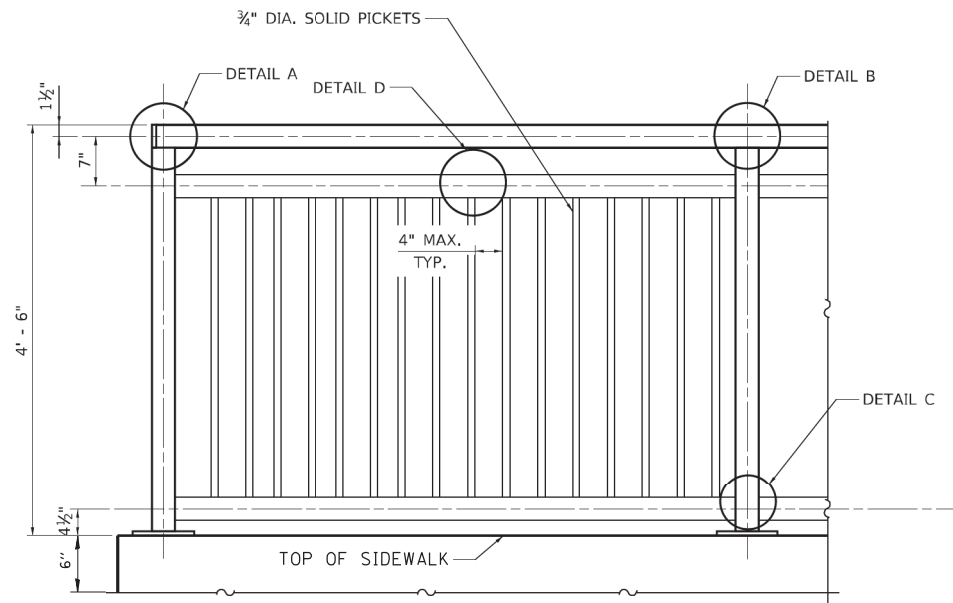


NOTES:

1. Temporary Drainage - This work consists of furnishing and installing a 3" PVC pipe in the existing or proposed drainage structure to facilitate drainage off the pavement prior to the placement of the HMA overlay.
2. Adequate pavement drainage shall be maintained during all phases of construction.
3. The PVC pipe is to be filled with mortar prior to the HMA surface placement.
4. This detail applies to all inlet and inlet-manhole types.
5. This work shall not be paid for seperately but shall be included in the cost of HMA surface removal pay items

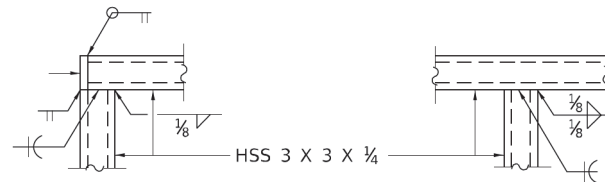
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	PLOT SCALE = 1:100	DRAWN -	REVISED -					693	118RS-8,W-2	TAZEWELL	292	165
	PLOT DATE = 2/14/2025	CHECKED -	REVISED -		SCALE:			CONTRACT NO. 68A65				
		DATE -	REVISED -		SHEET 3	OF 5	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



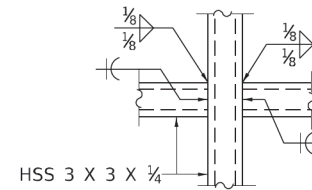
ORNAMENTAL FENCE

MAXIMUM POST SPACING = 10' - 0"

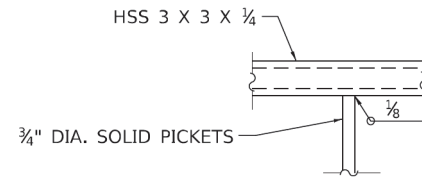


DETAIL A

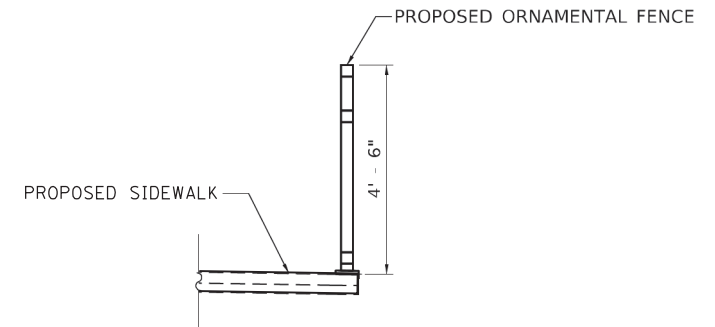
DETAIL B



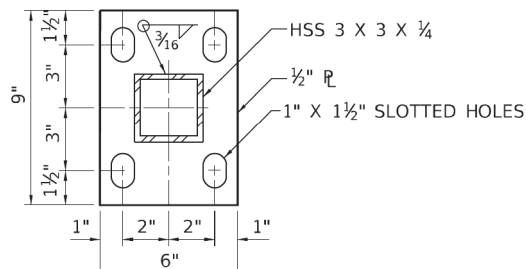
DETAIL C



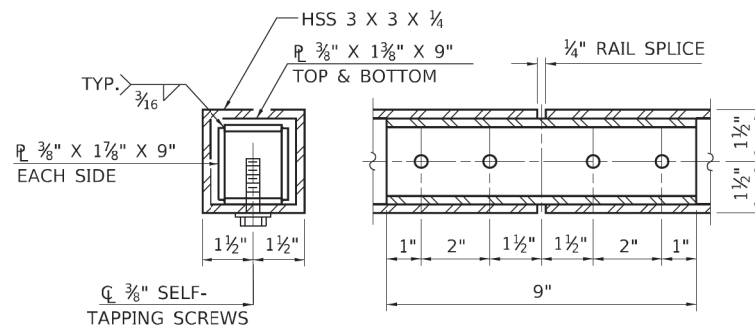
DETAIL D



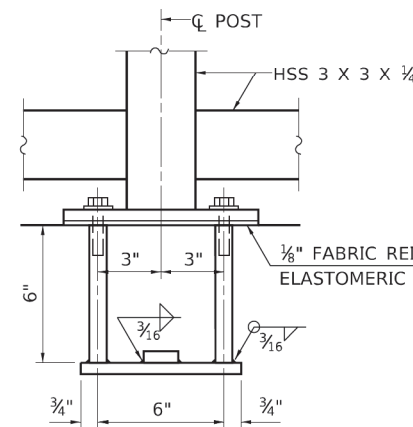
SECTION THRU SIDEWALK



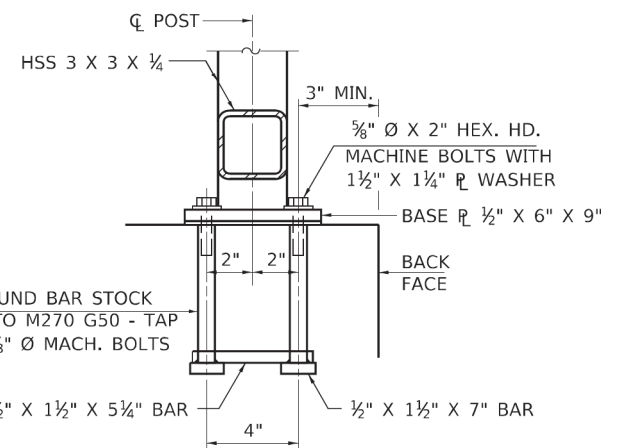
BASE PL



RAIL SPLICE



ANCHOR BOLT DETAILS



NOTES:

ALL STRUCTURAL STEEL TUBING, POST AND RAILING, FOR PARAPET RAILING SHALL BE CVN TESTED ACCORDING TO 1006.34(B) OF THE STANDARD SPECIFICATIONS. CVN TESTING MAY BE OMITTED FOR THE ORNAMENTAL FENCE.

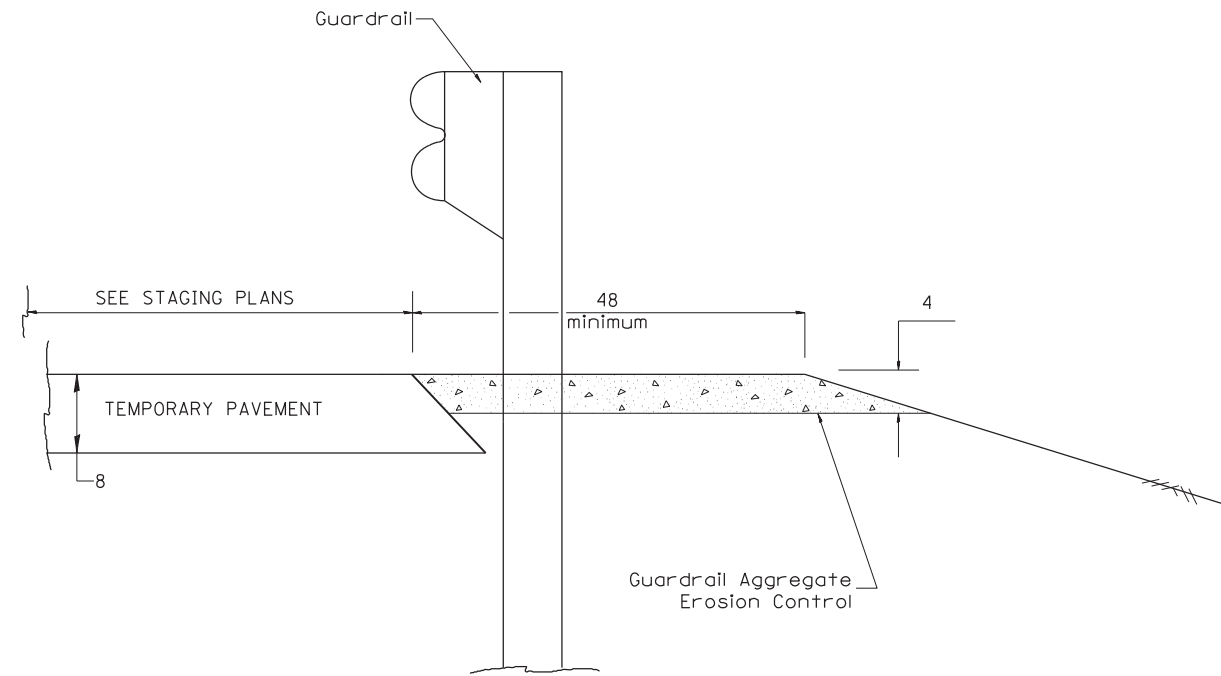
IN LIEU OF THE CAST-IN-PLACE ANCHOR DEVICE SHOWN, THE CONTRACTOR HAS THE OPTION OF DRILLING AND SETTING 5/8" Ø ANCHOR RODS ACCORDING TO ARTICLE 509.06 OF THE STANDARD SPECIFICATIONS. EMBEDDMENT SHALL BE ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ORNAMENTAL FENCE DETAIL

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

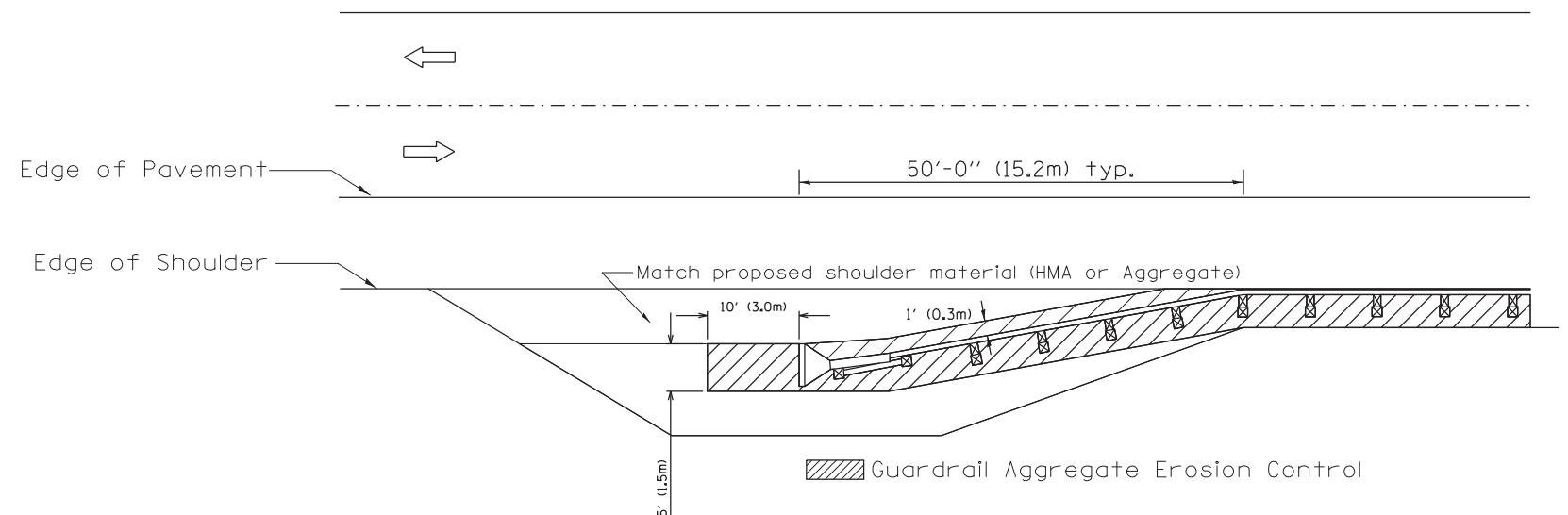
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	166
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate, weeds and grass shall be removed from the area to be covered.
3. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
4. The Contractor shall have the option of placing the guardrail before or after the Aggregate are in place. If the guardrail is placed after the Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
 - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.



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

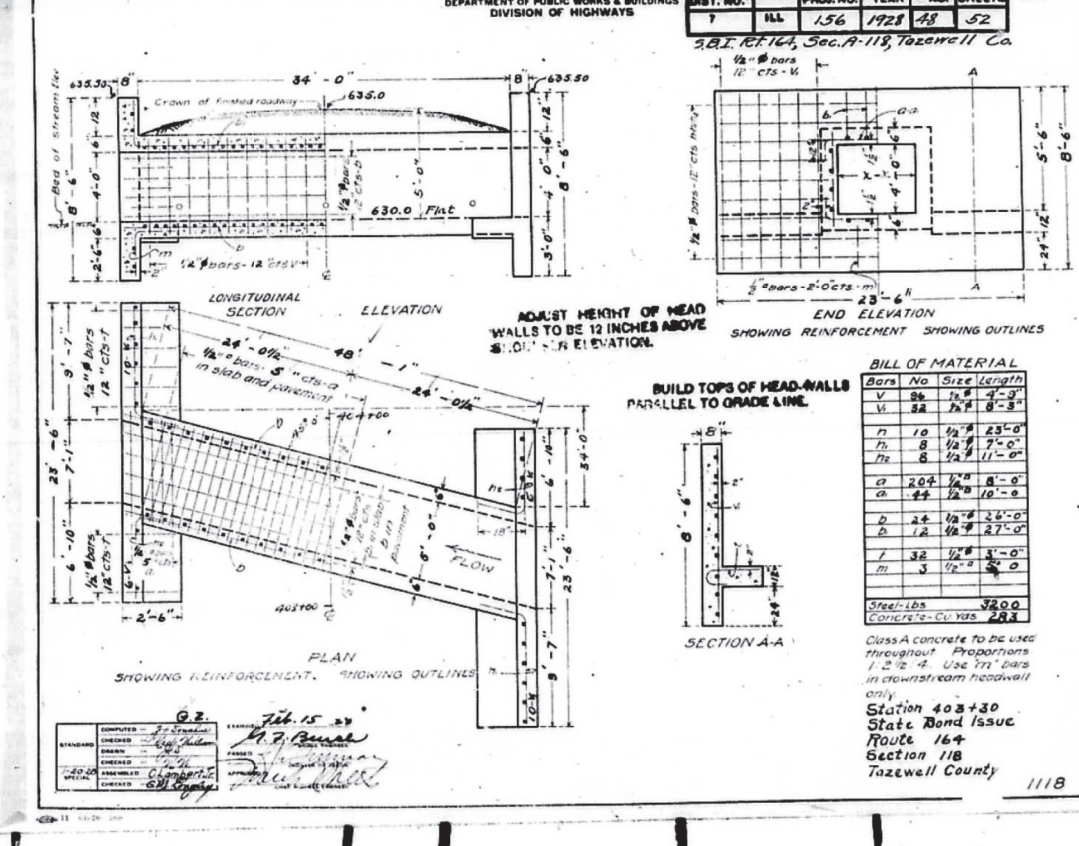
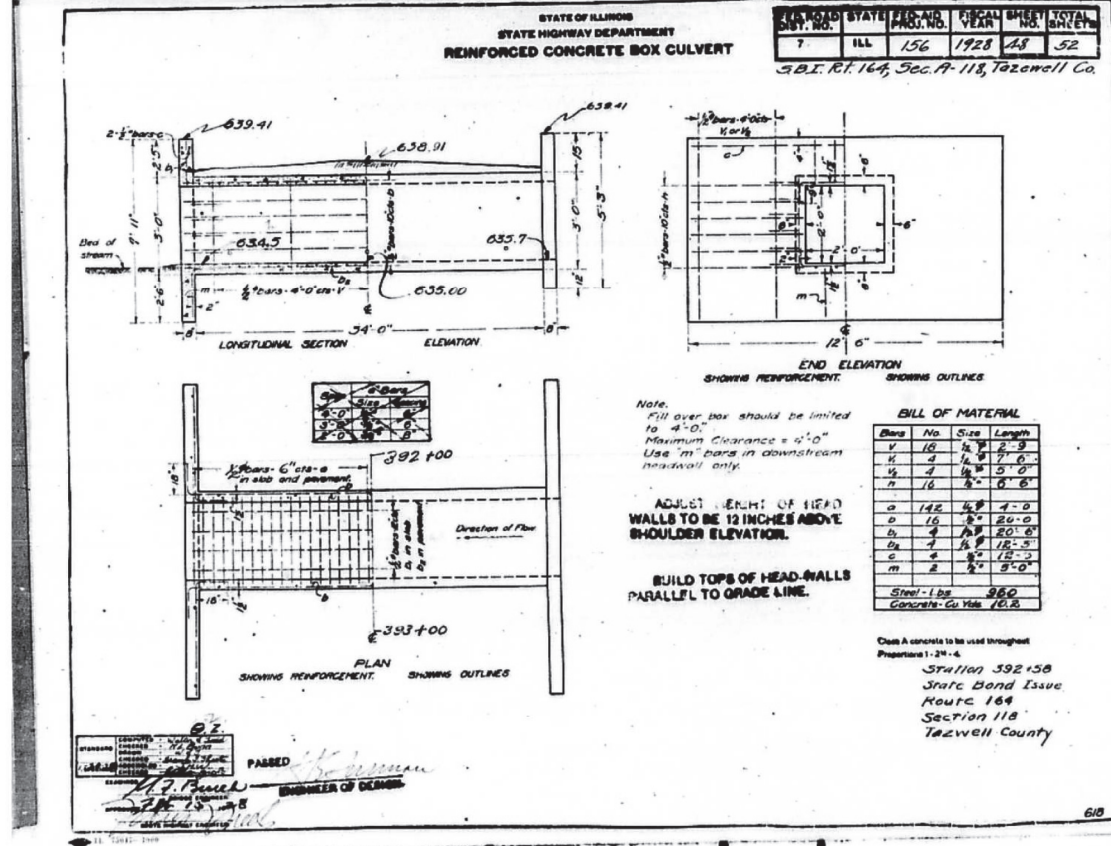
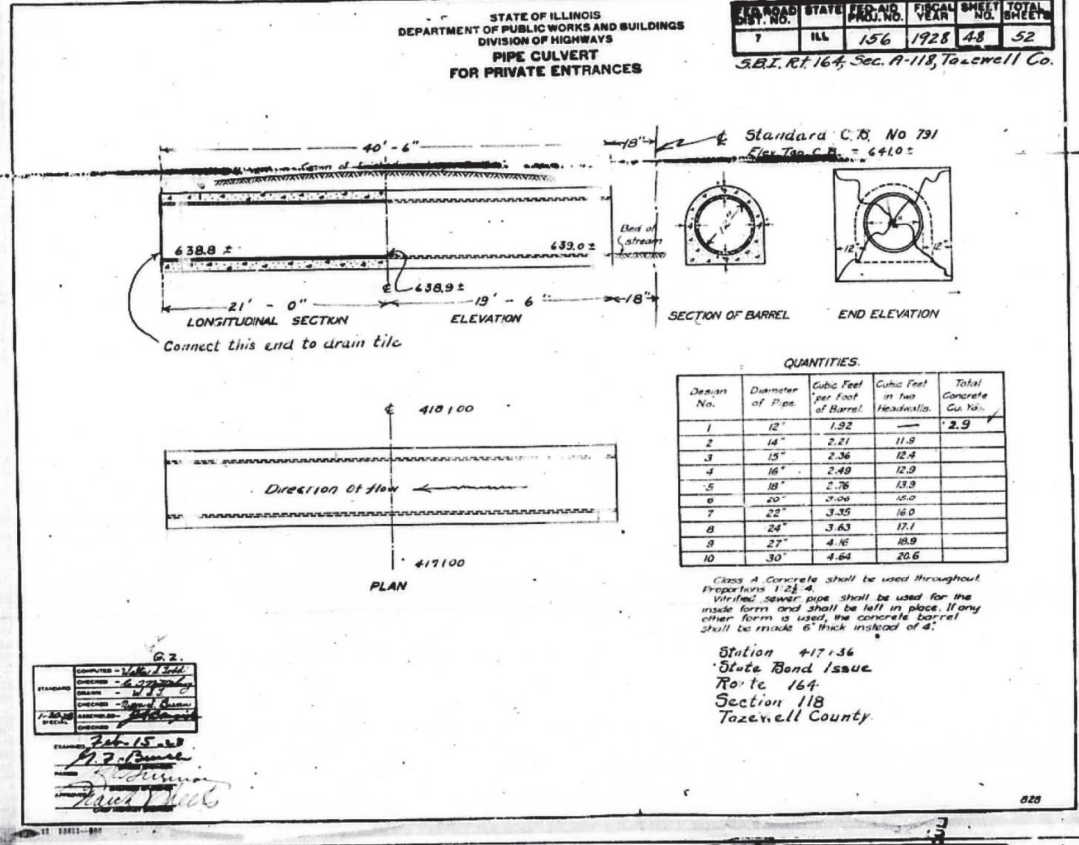
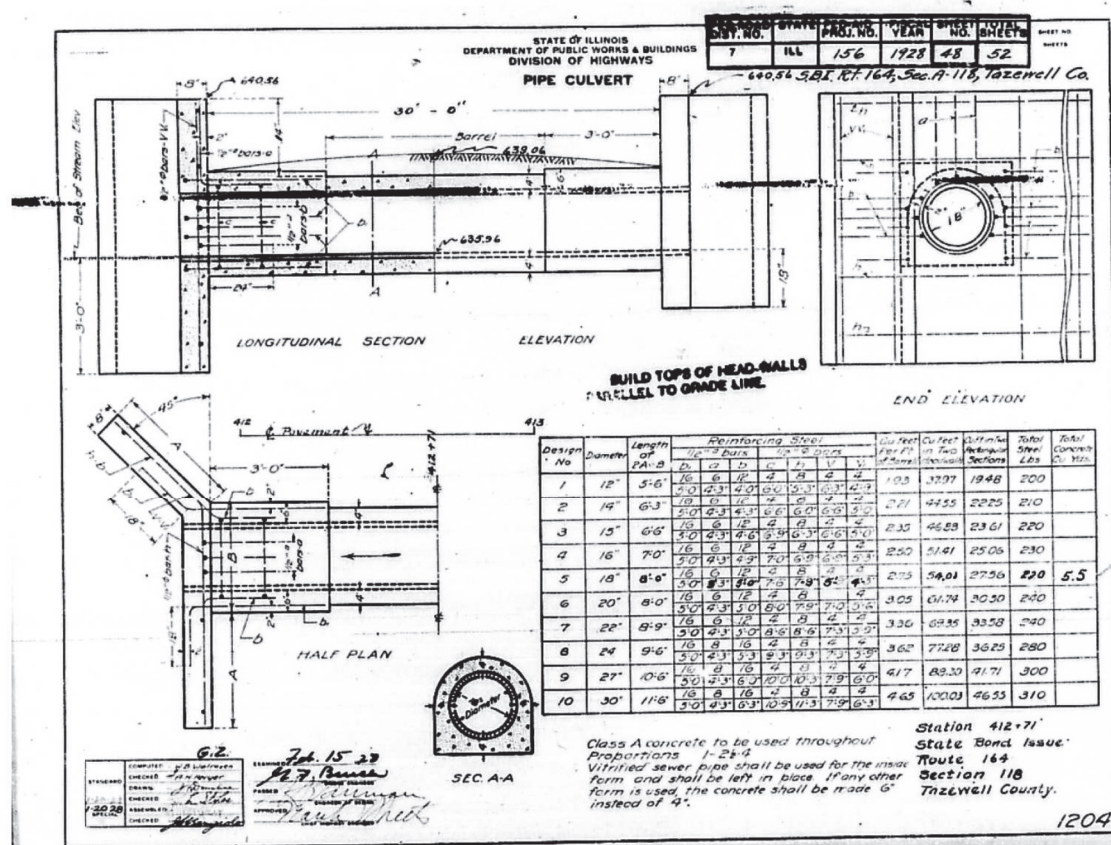
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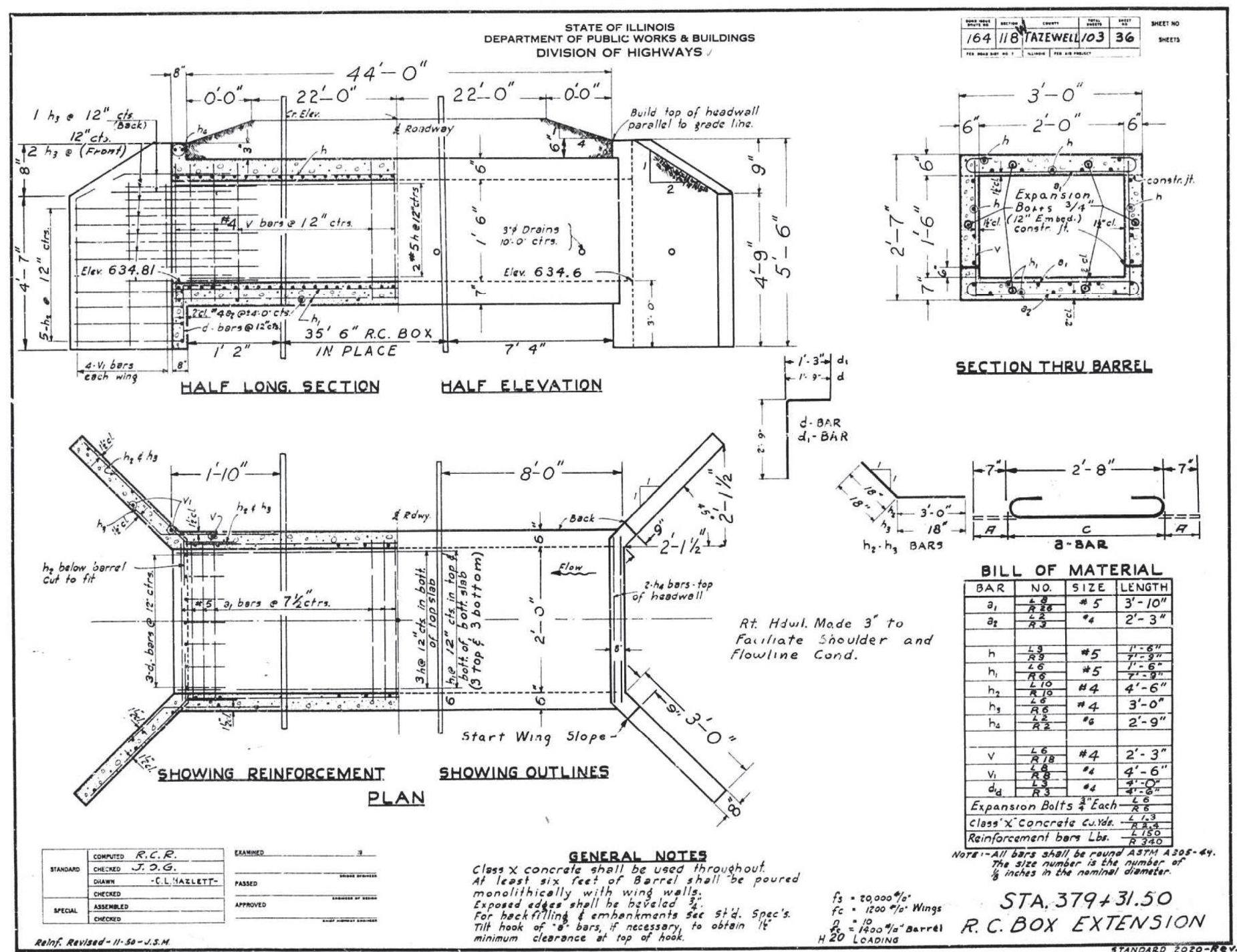
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL EROSION CONTROL DETAIL			
SCALE:	SHEET 5	OF 5 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	167
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				



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CHECKED -
DATE -

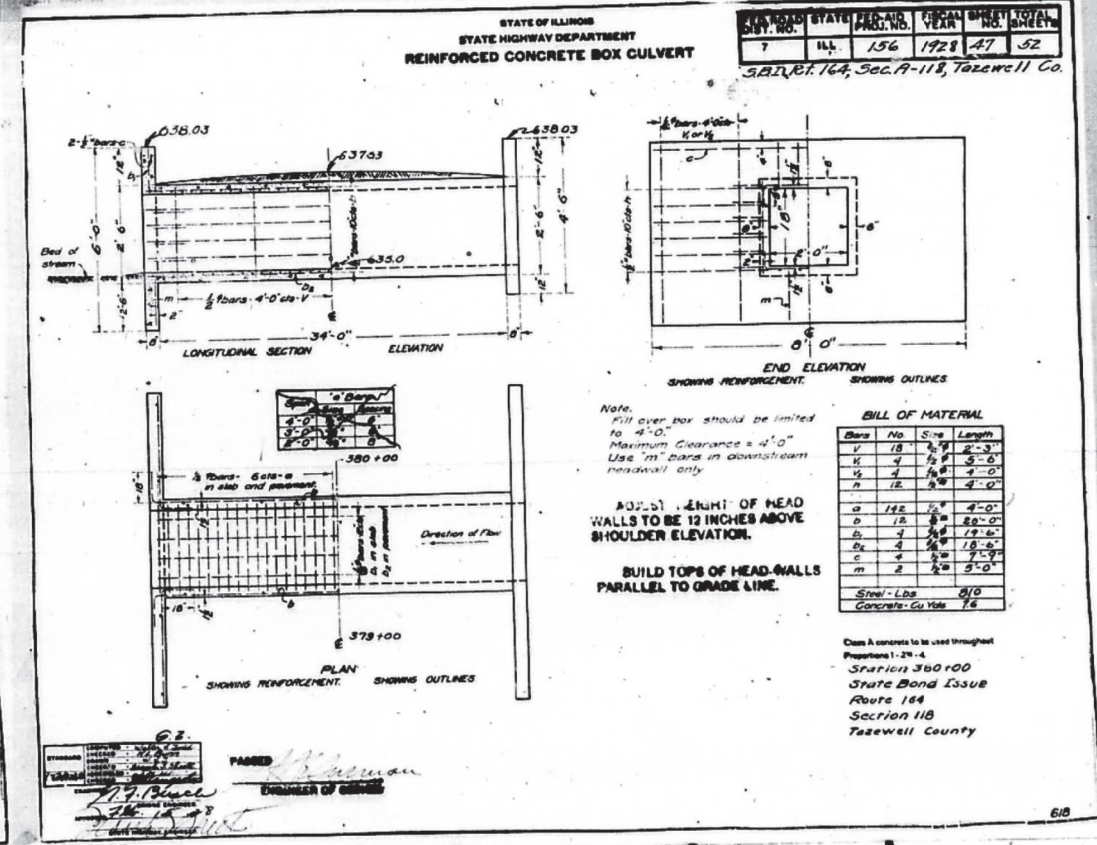
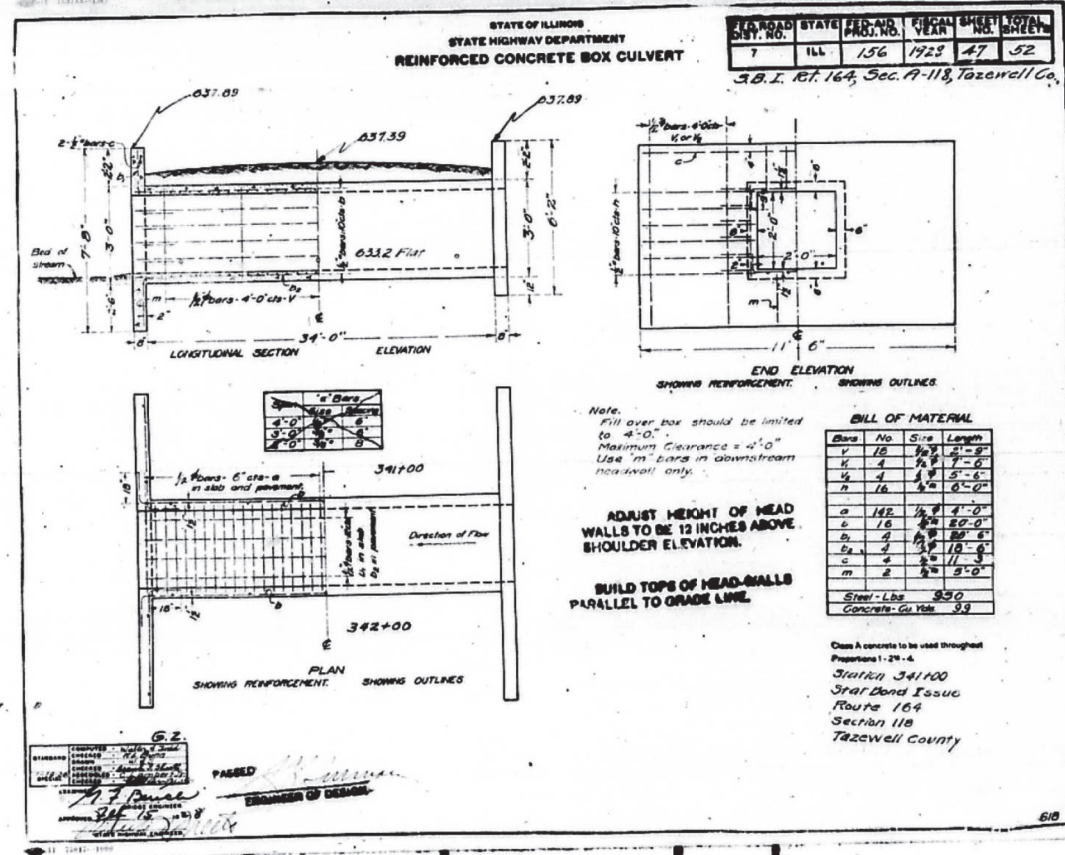
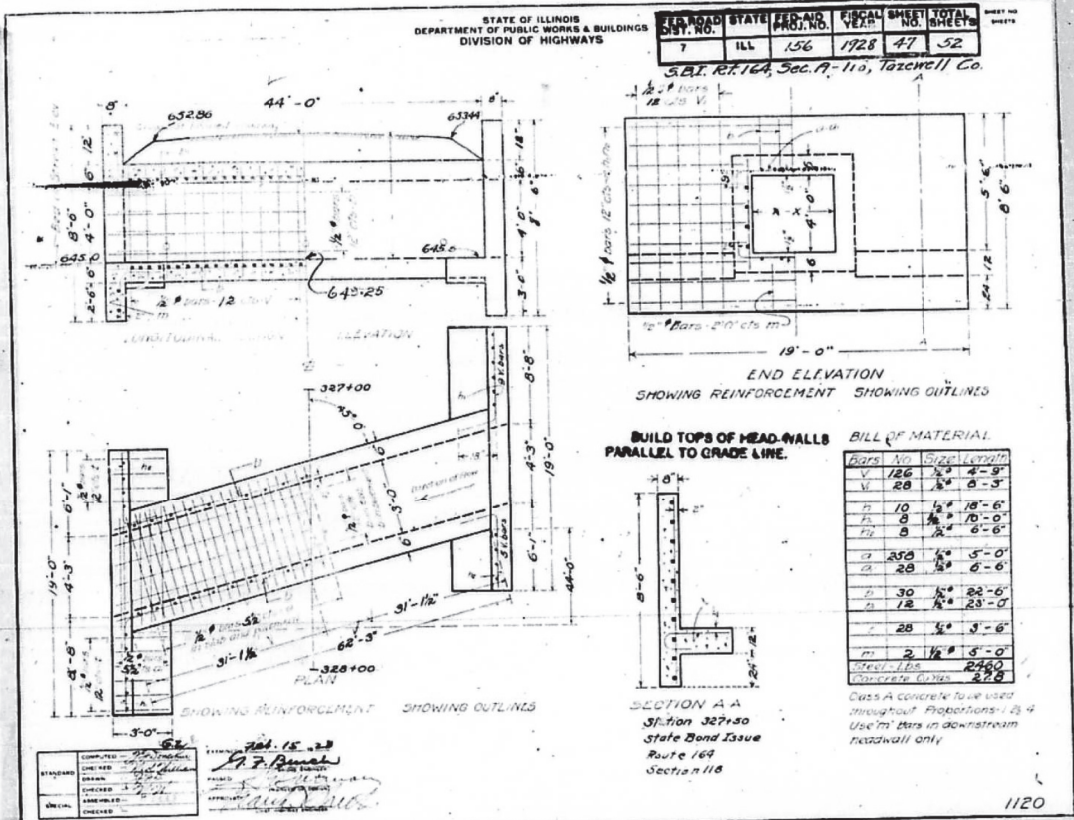
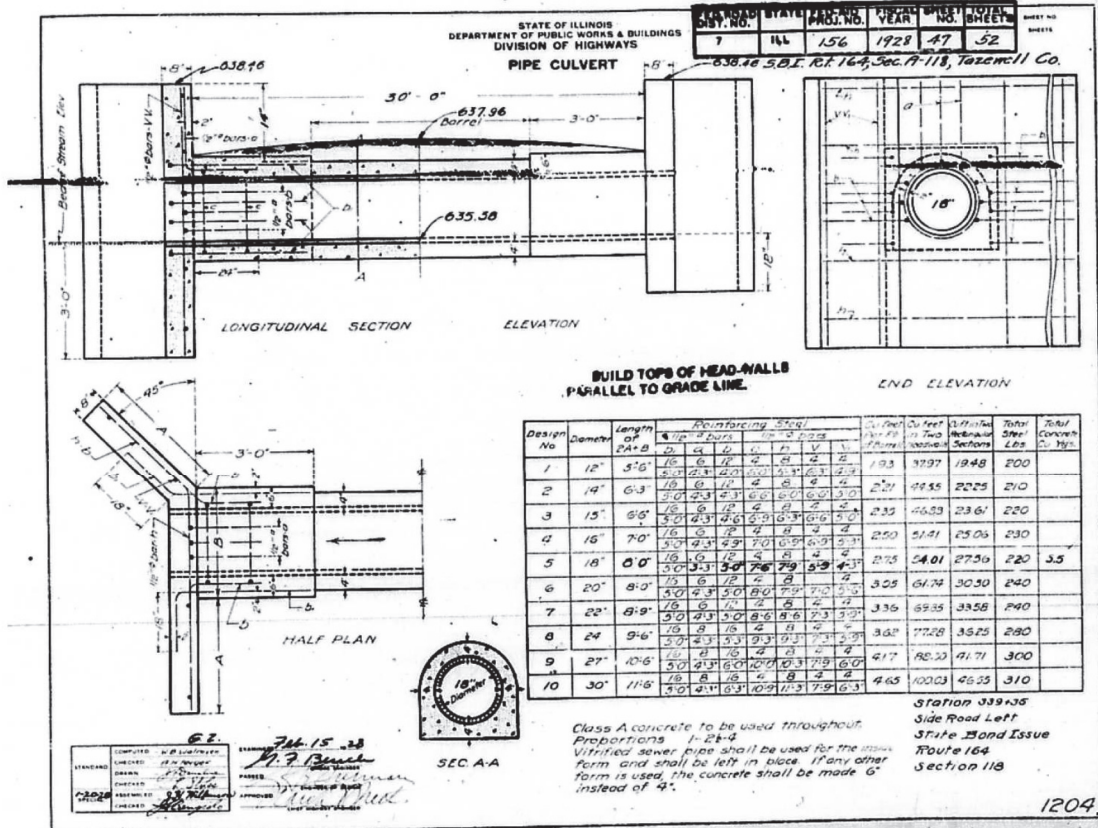
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY

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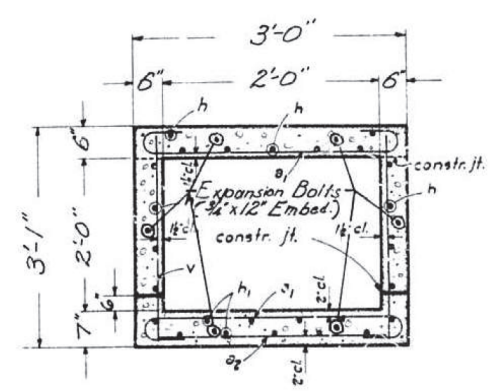
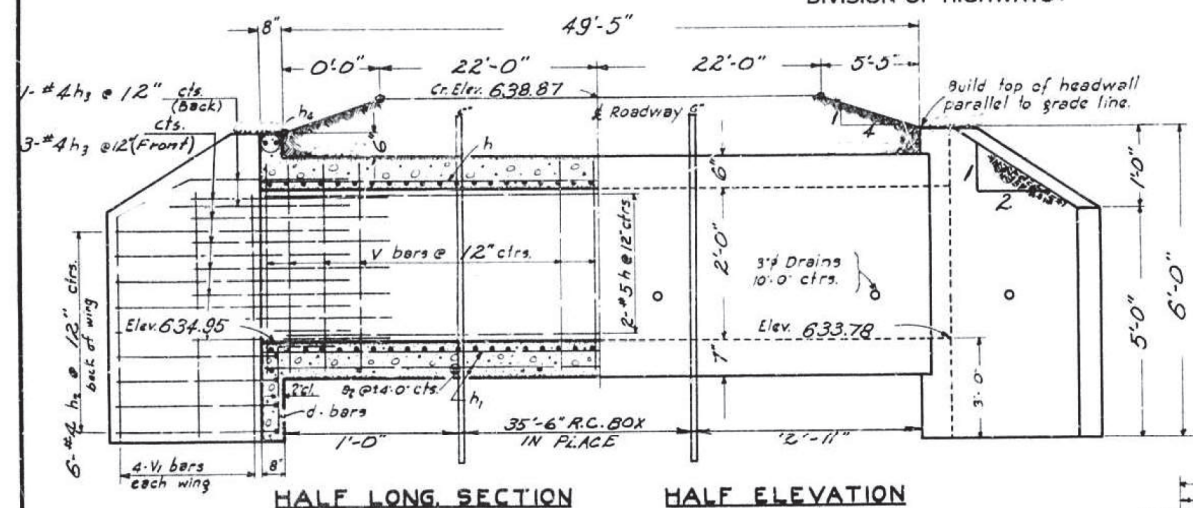
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8-W-2	TAZEVELL	292	169
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				



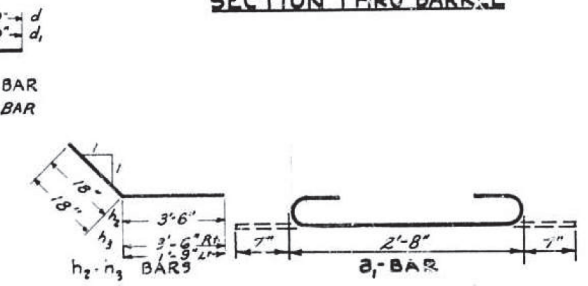
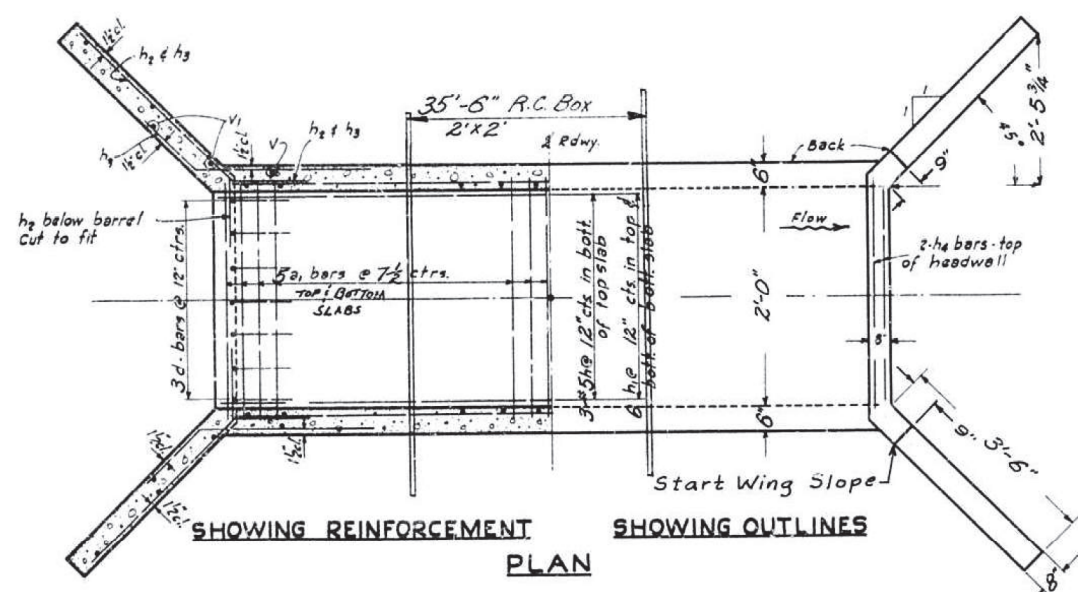
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STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

PROJECT NO.	SHEET NO.	TOTAL SHEETS	DATE
164 118 Tazewell	103	37	



SECTION THRU BARREL



BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH
a ₁	1	#5	3'-10"
a ₂	1	#4	2'-3"
h	1	#5	13'-3"
h ₁	1	#5	13'-3"
h ₂	1	#4	5'-0"
h ₃	1	#4	5'-0"
h ₄	1	#4	5'-0"
h ₅	1	#4	5'-0"
v	1	#4	2'-9"
v ₁	1	#4	5'-0"
d	1	#4	5'-0"
d ₁	1	#4	5'-0"
Expansion Bolts (3/4")			6'-4"
Class X Concrete cu. Yds.			8.38
Reinforcement bars Lbs.			1,160

NOTE: All bars shall be round A.S.T.M. A305-49. The size number is the number of 1/8 inches in the nominal diameter.

GENERAL NOTES

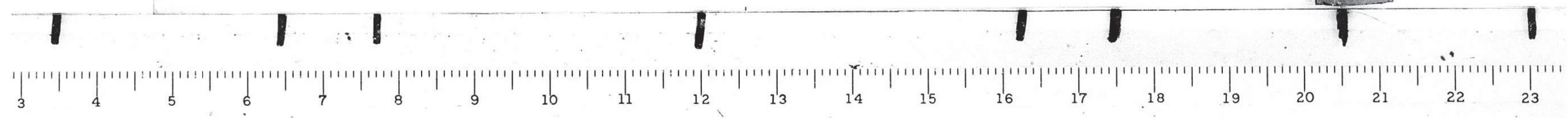
Class X concrete shall be used throughout. At least six feet of Barrel shall be poured monolithically with wing walls. Exposed edges shall be beveled 3/4". For backfilling & embankments see std. Spec's. Tilt hook of #4 bars, if necessary, to obtain 1/4" minimum clearance at top of hook.

f_s = 20,000 #/sq.
f_c = 1200 #/sq. Hor. Cent. Wings
n = 10
f_c = 1400 #/sq. Barrel
RT. / LT. STA. 392+89
H2O LOADING

COMPUTED	J.O.G.	EXAMINED	
CHECKED	R.C.R.	DESIGNED	
DRAWN	C.L. HAZLETT	PASSED	
CHECKED		APPROVED	
ASSEMBLED			
CHECKED			

Reinf. Revised - 11-58 - J.S.M.

STANDARD 2020-REV.



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY

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PLOT DATE	= 2/14/2025	DATE	-	REVISED	-

SCALE:	SHEET 4 OF 5 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	171
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

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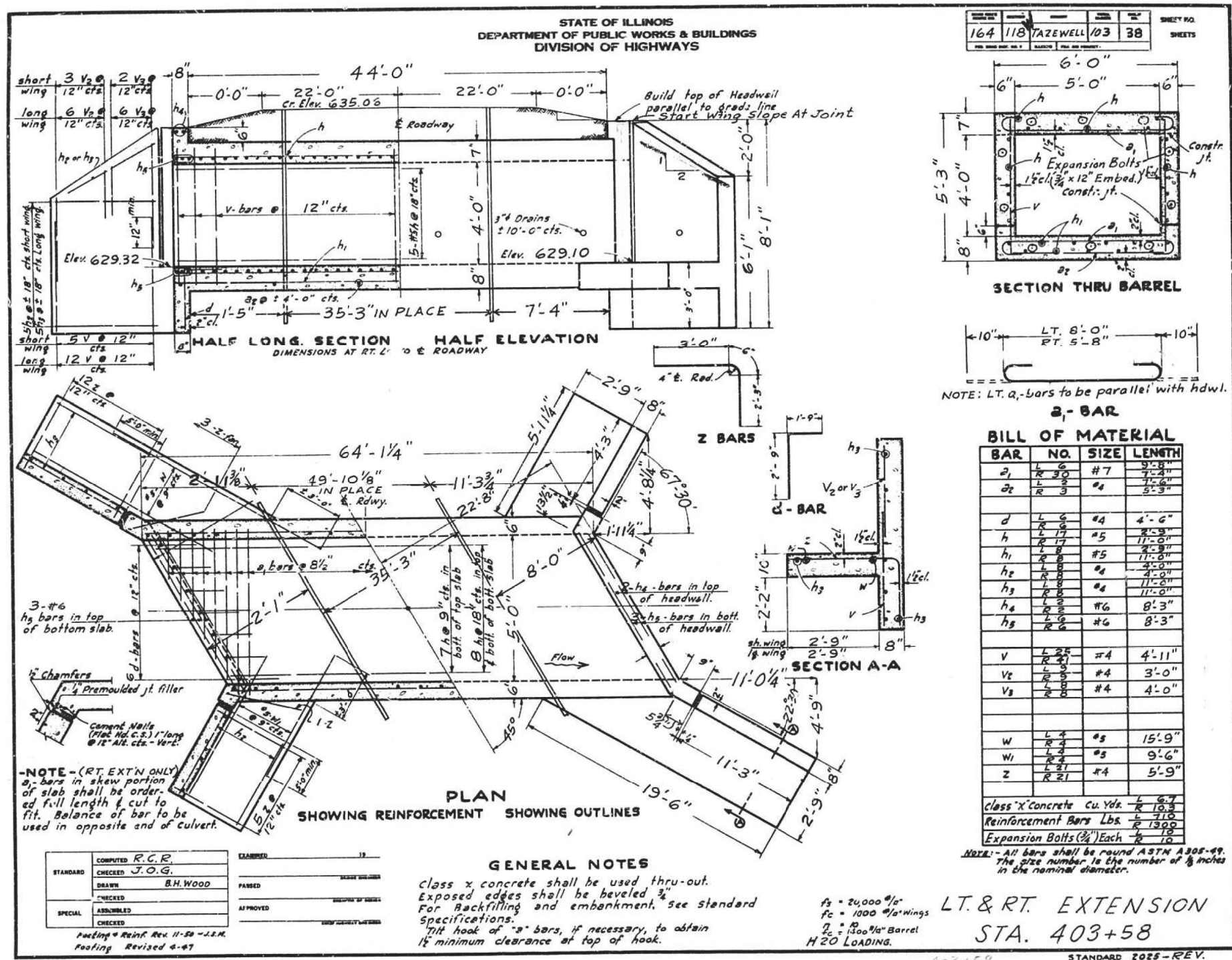
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY

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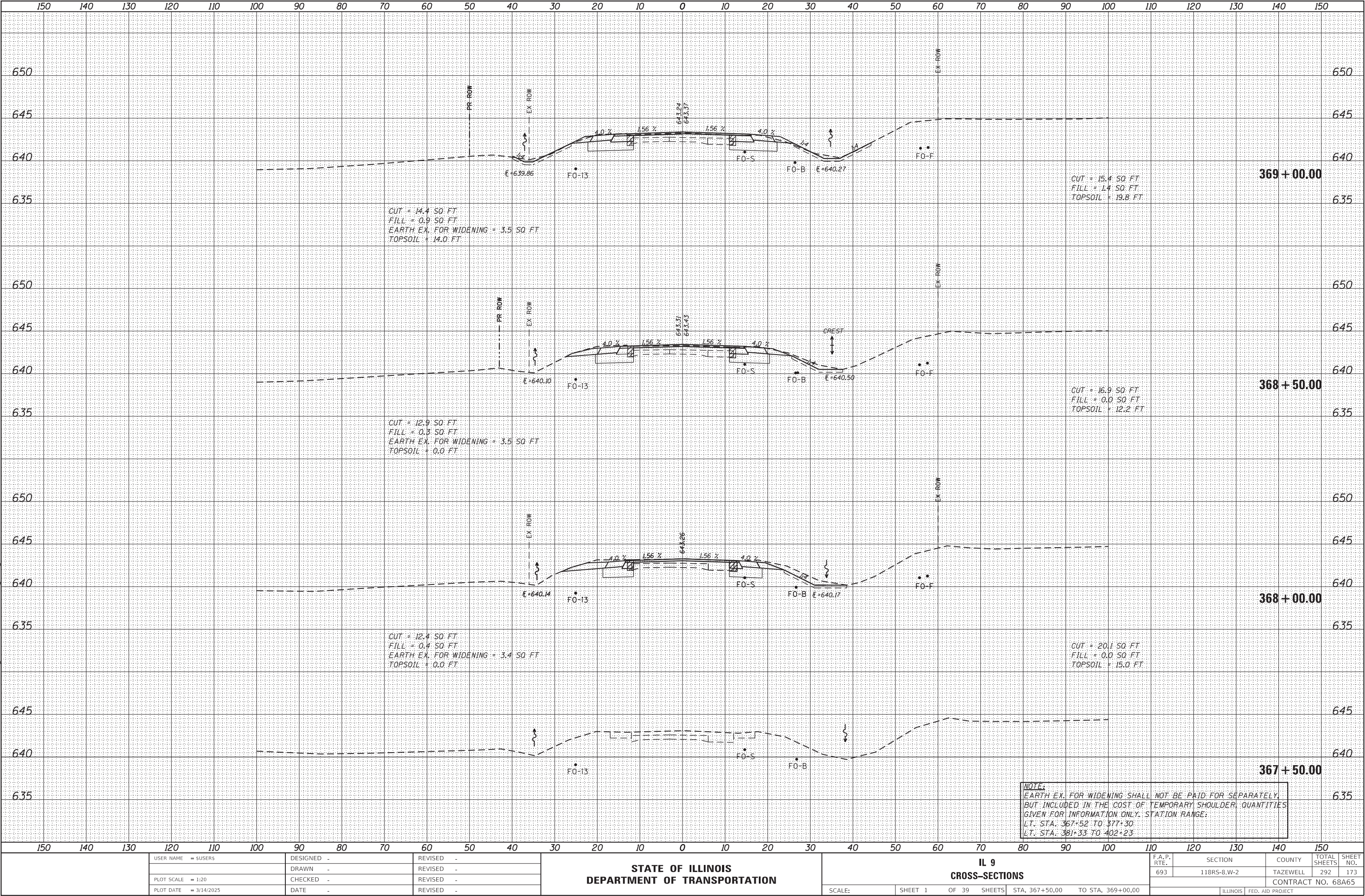
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693	118RS-8,W-2	TAZEWELL	292	172
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				



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DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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CROSS-SECTIONS

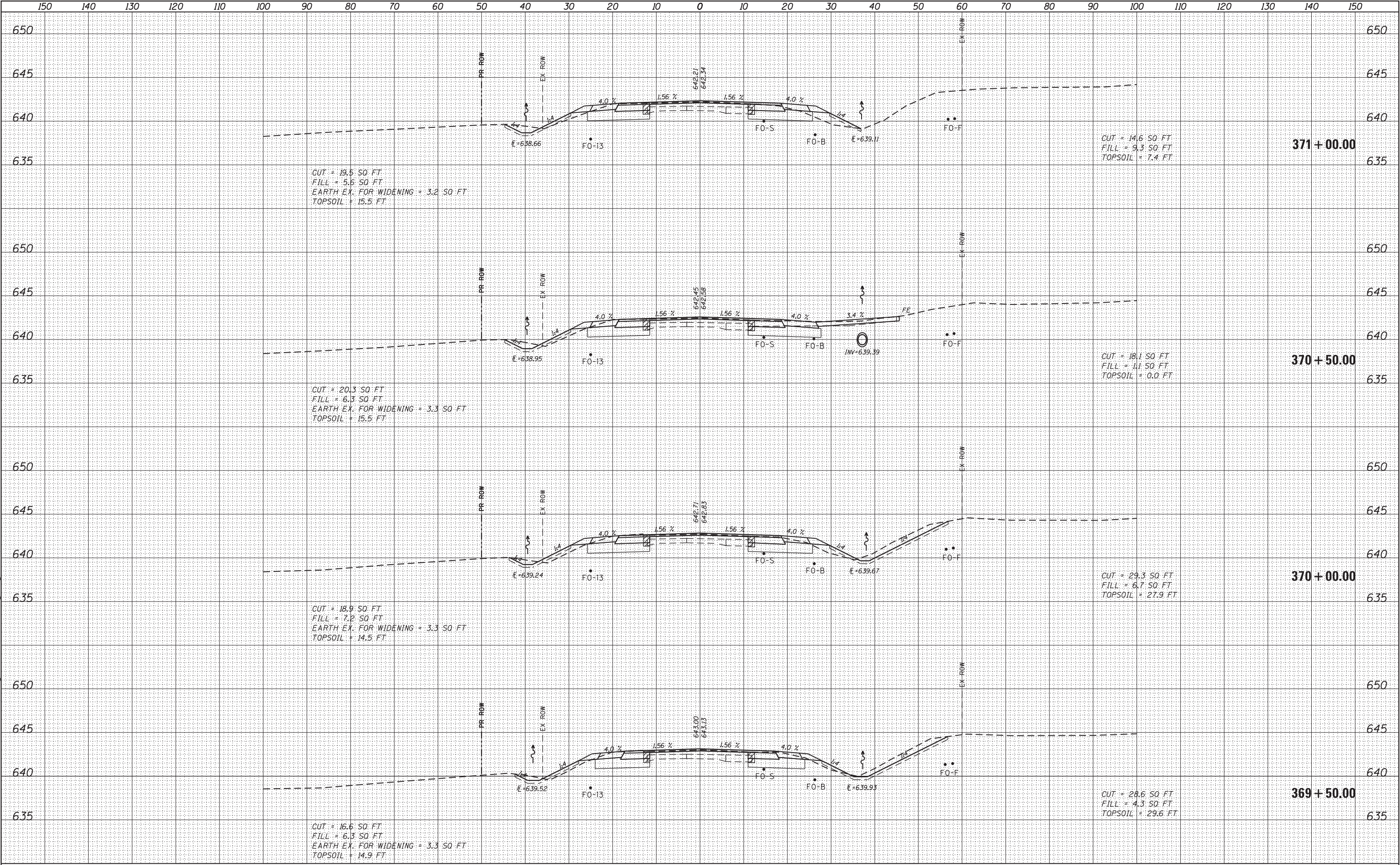
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	173
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

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SURVEY	PLOTTED	BY
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NO.	AREAS CHECKED	

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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CROSS-SECTIONS

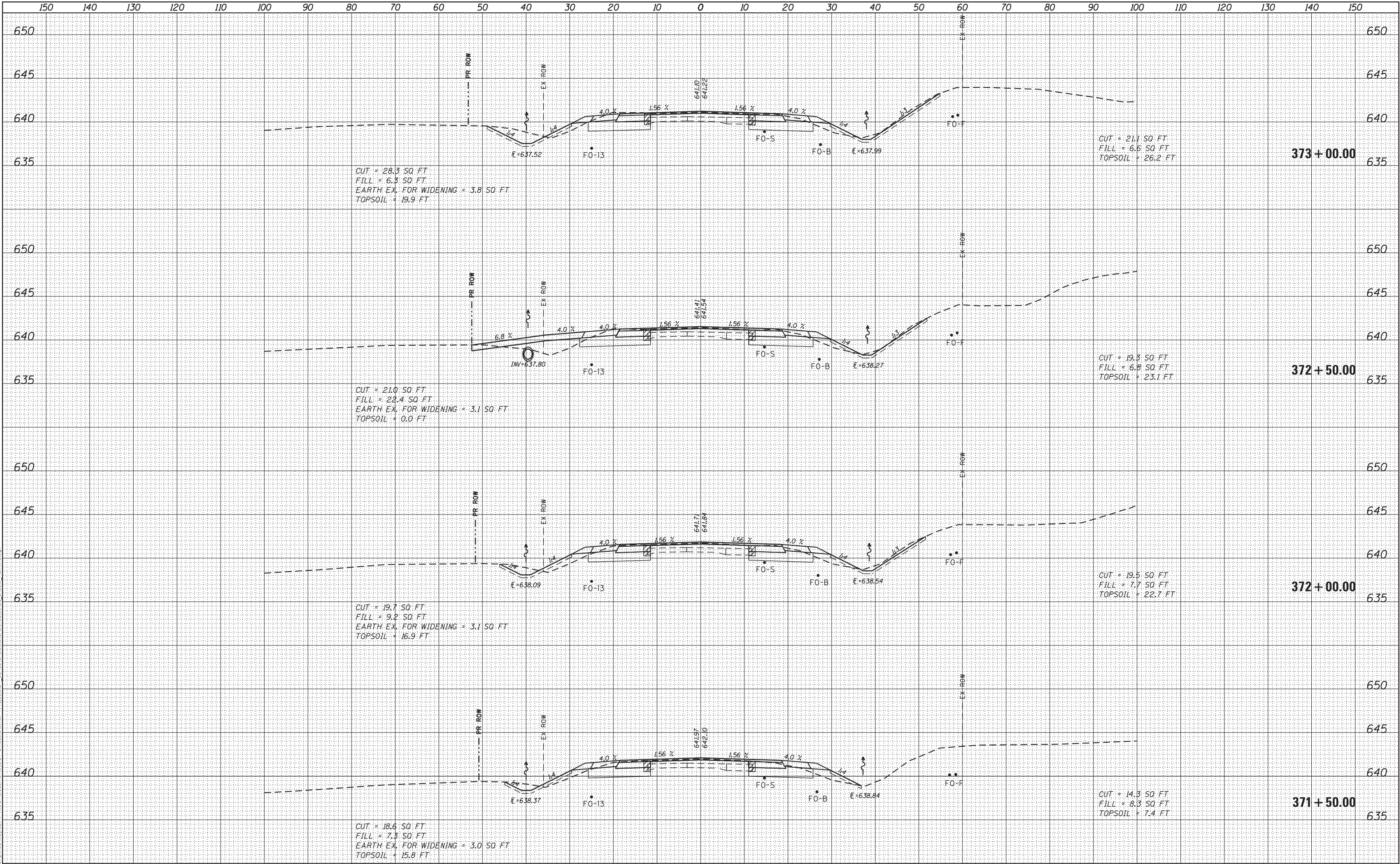
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693	118R5-8,W-2	TAZEWELL	292	174
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL	SURVEYED	DATE
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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CROSS-SECTIONS

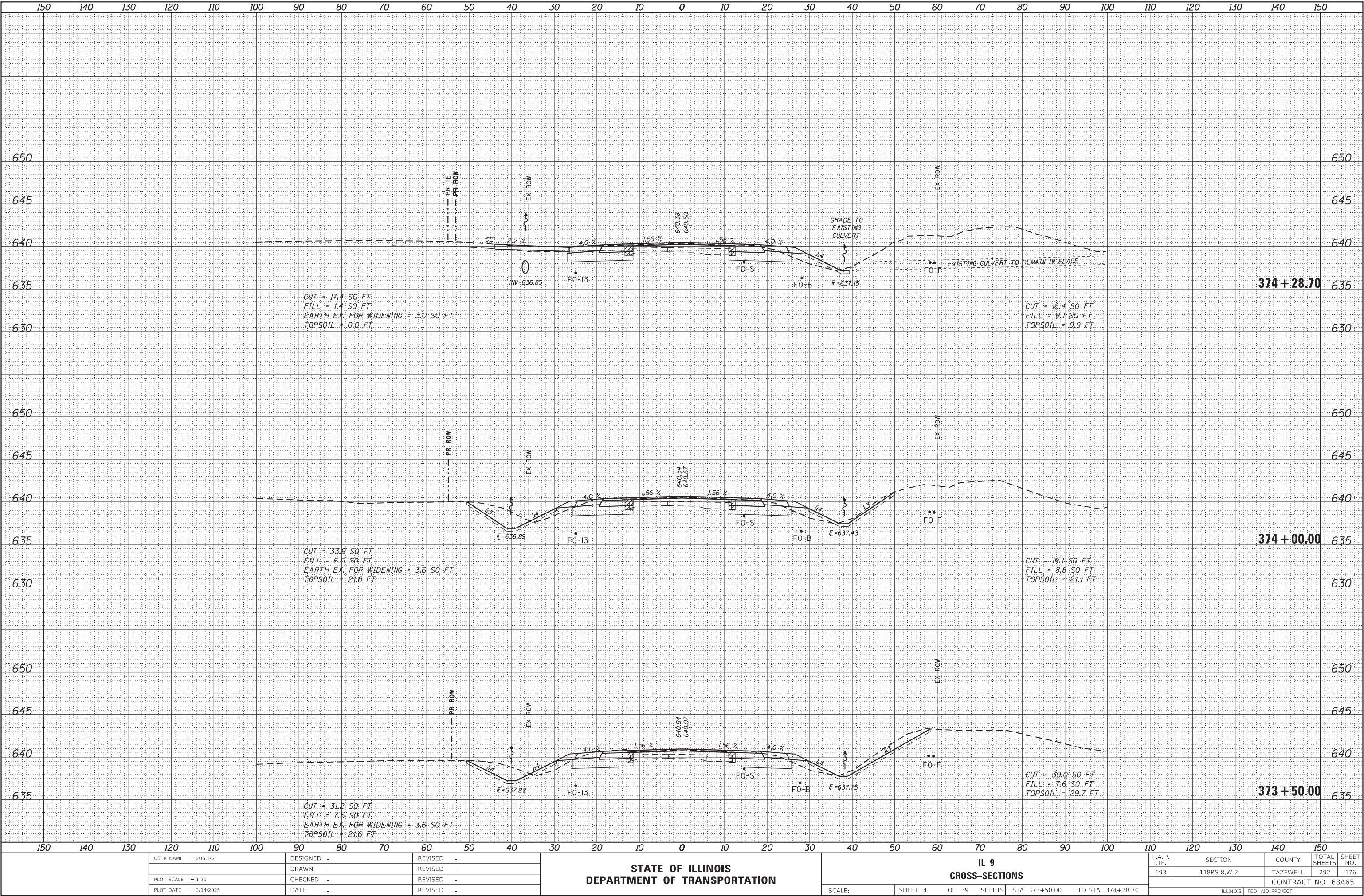
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	175
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

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SURVEY					
NOTE BOOK					
NO.					

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

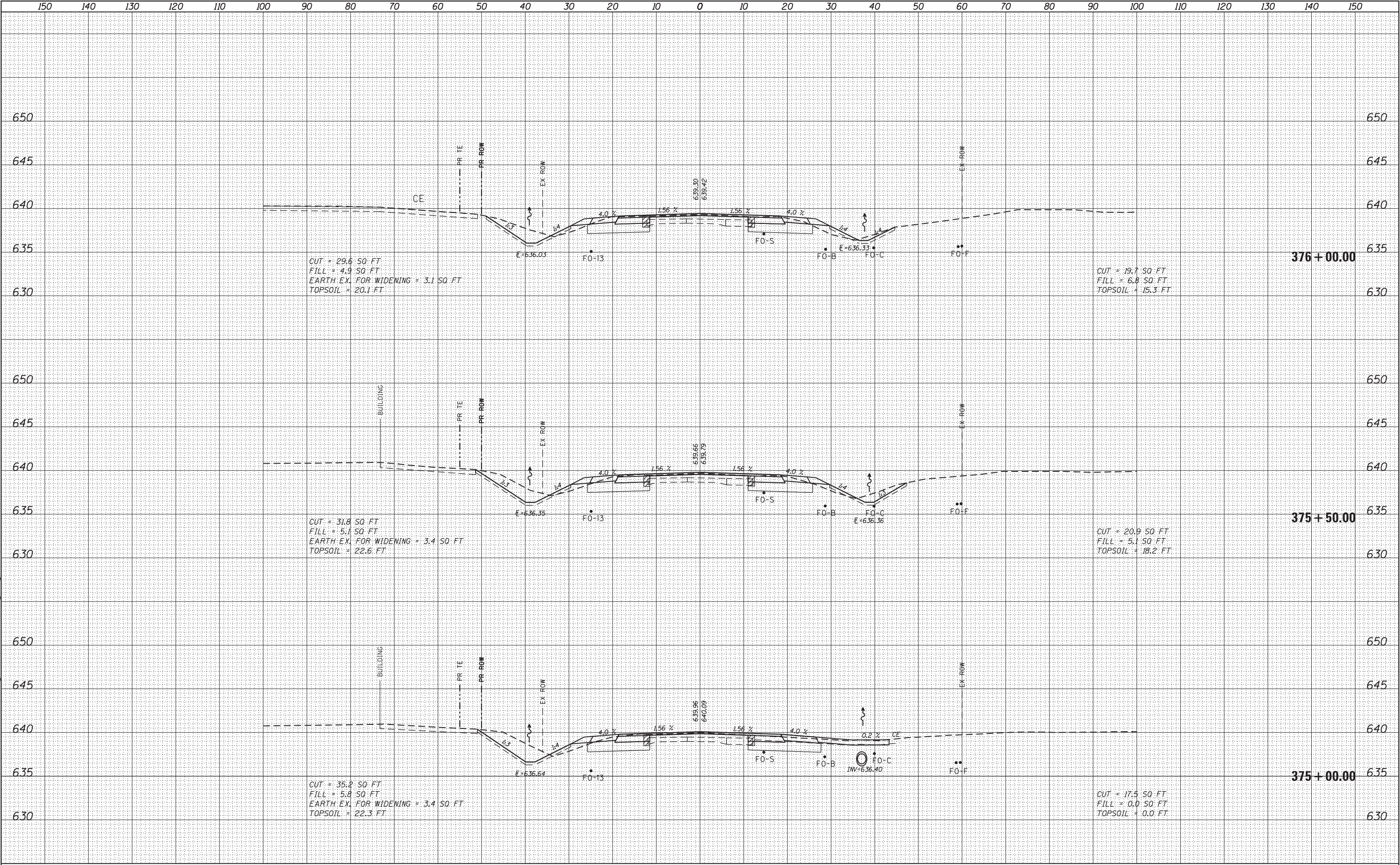
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	176
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
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NOTE BOOK	TEMPLATE		
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET 5	OF 39	SHEETS	STA. 375+00.00	TO STA. 376+00.00
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IL 9
CROSS-SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	177
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

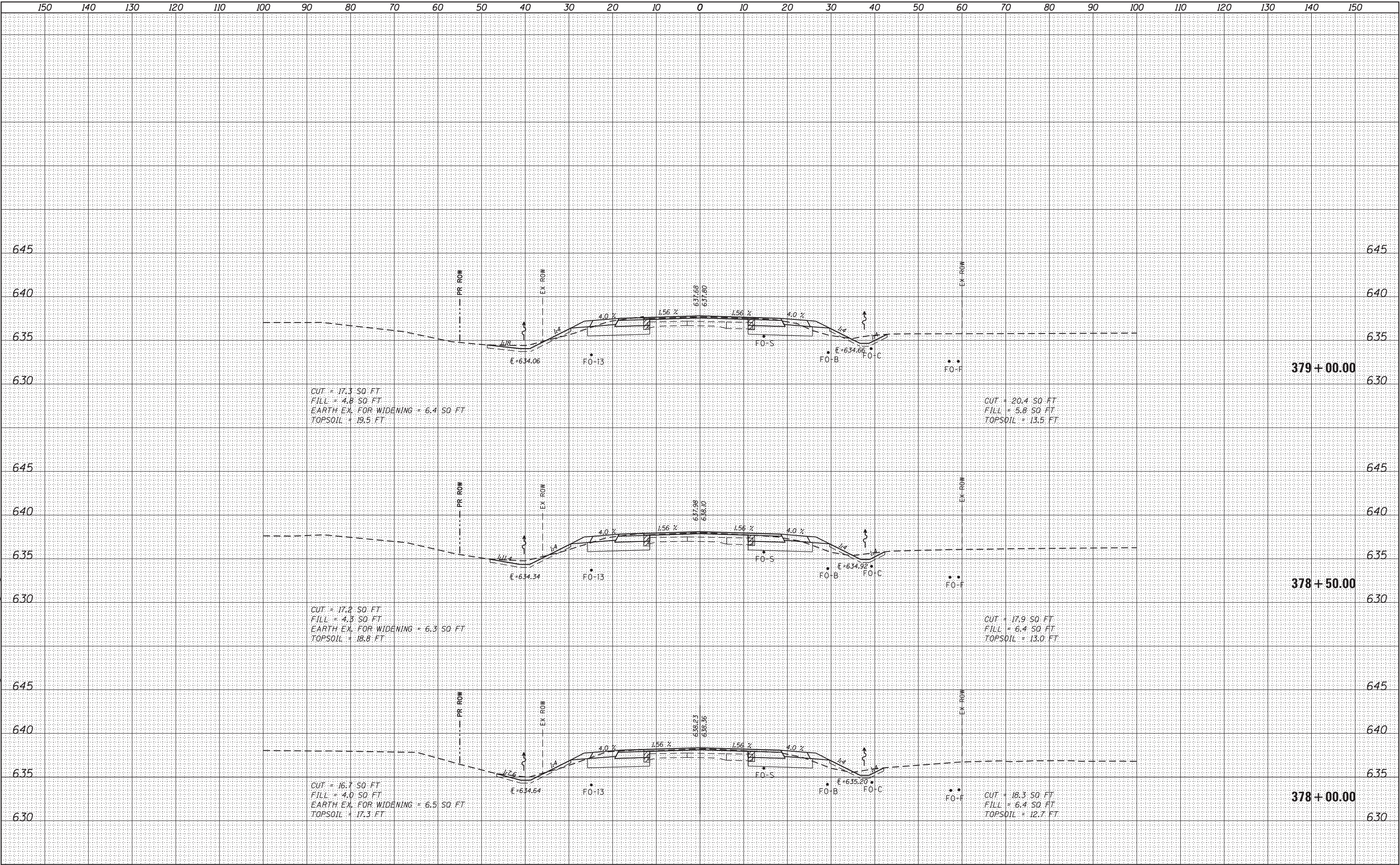
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NOTE BOOK			
NO. _____			

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		DRAWN -	REVISED -						693	118RS-8,W-2	TAEZEWELL	292	178
	PLOT SCALE = 1:20	CHECKED -	REVISED -						CONTRACT NO. 68A65				
	PLOT DATE = 3/14/2025	DATE -	REVISED -		SCALE:	SHEET 6	OF 39	SHEETS	STA. 376+35.51		TO STA. 377+50.00		

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

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

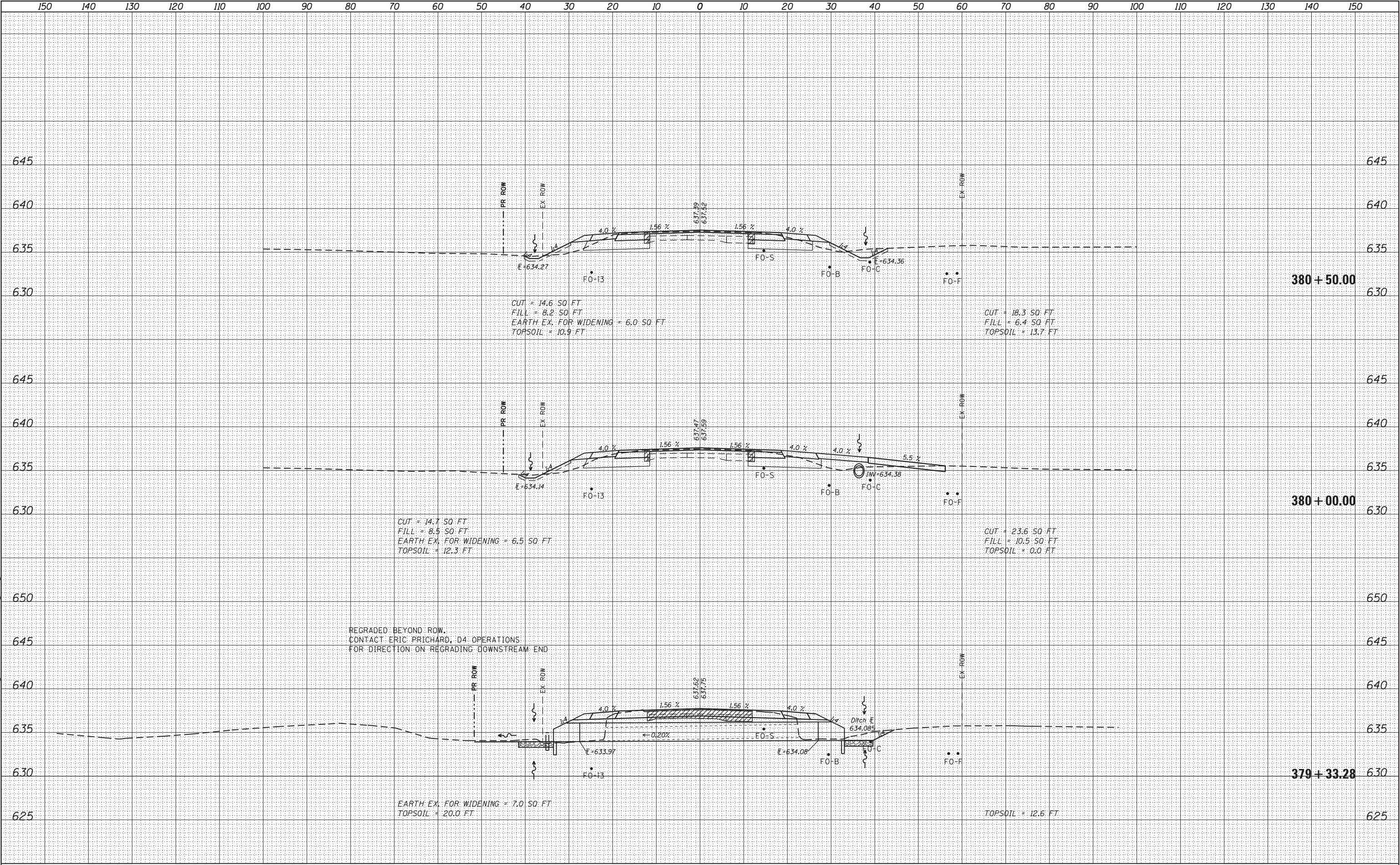
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	179
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

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		NO.	NO.	NO.	NO.

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PLOT DATE = 3/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 9
CROSS-SECTIONS

SCALE: SHEET 8 OF 39 SHEETS STA. 379+33.28 TO STA. 380+50.00

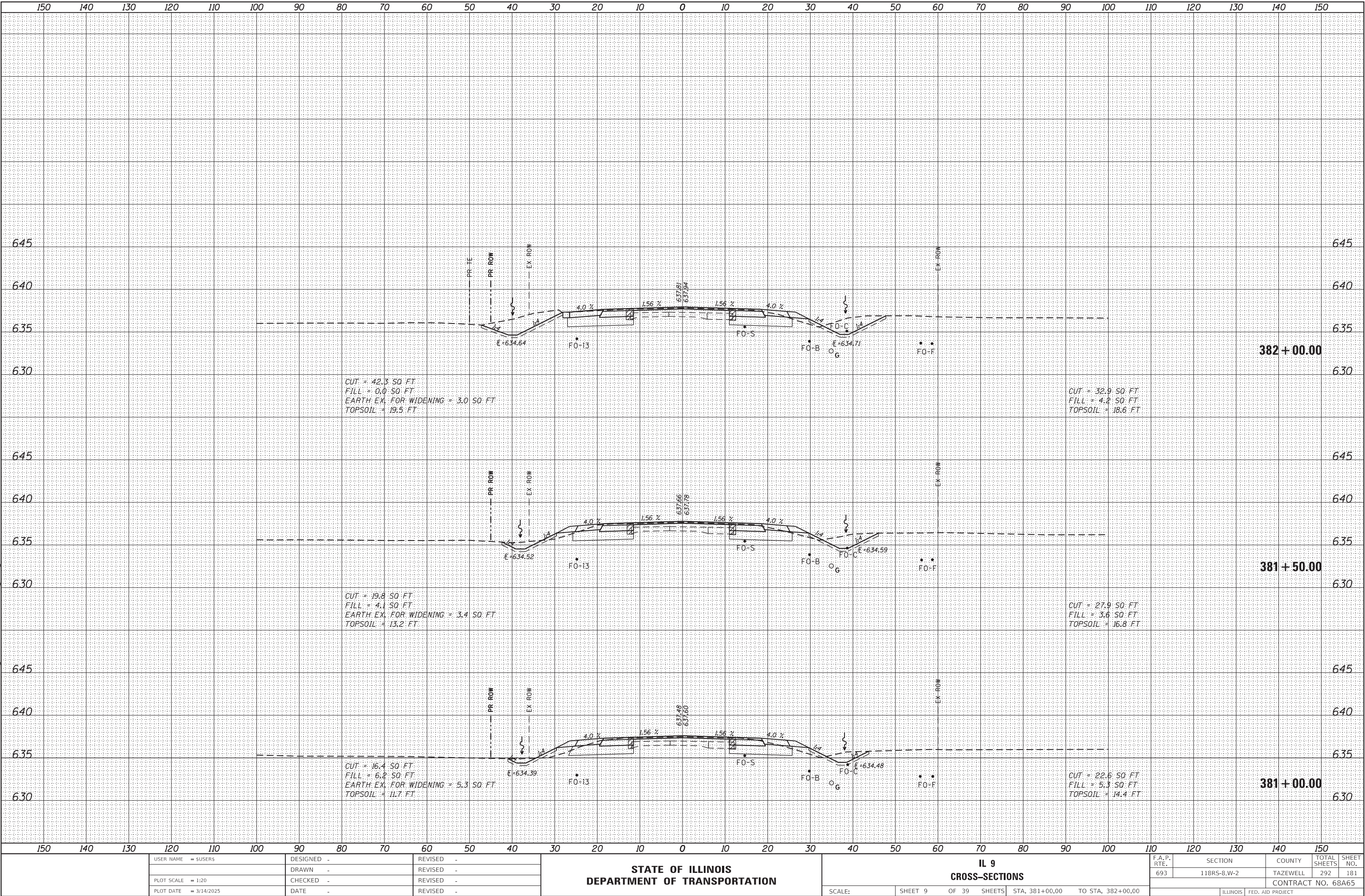
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	180
CONTRACT NO. 68A65				

ILLINOIS FED. AID PROJECT

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

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

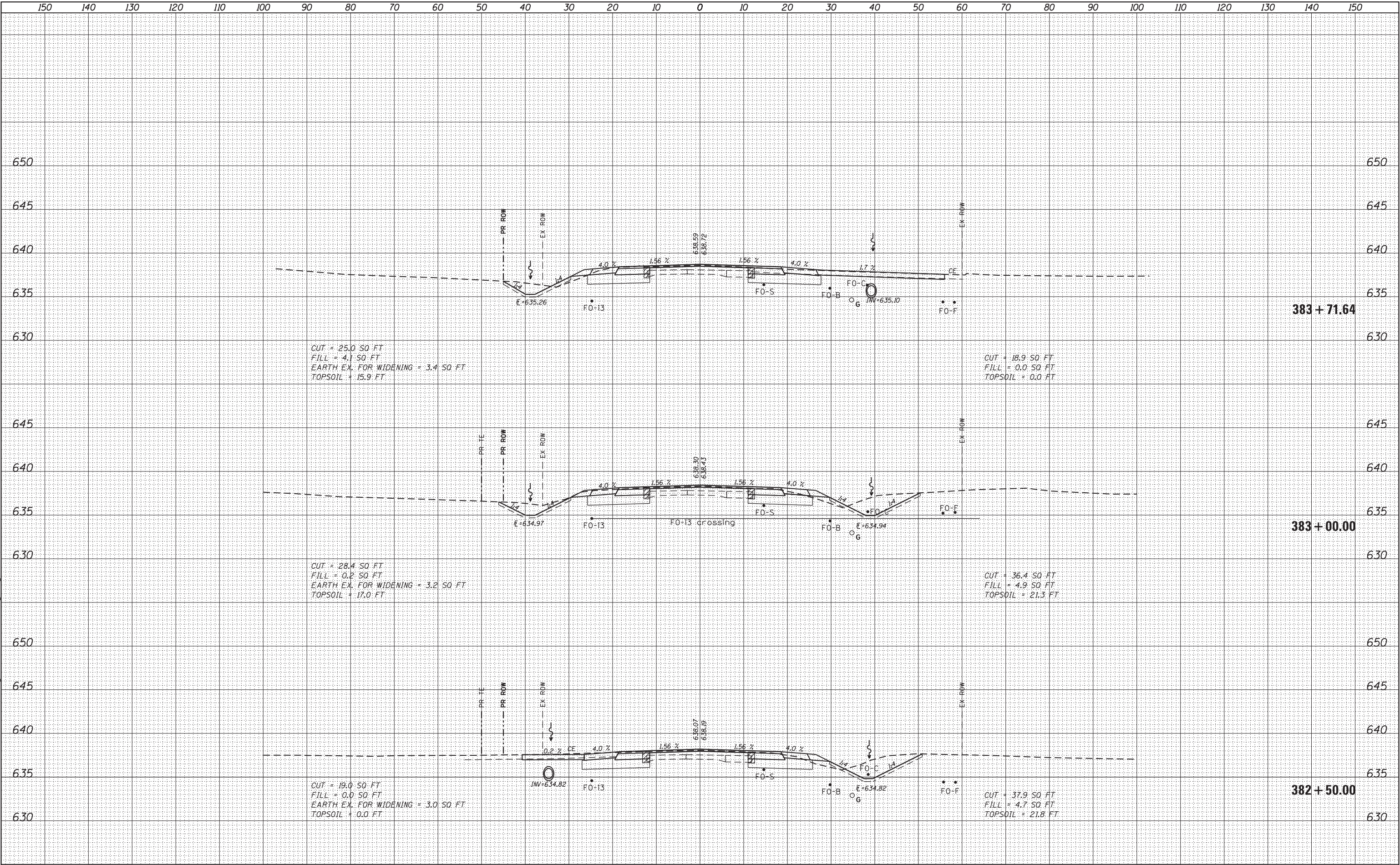
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FINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

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

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PLOT DATE = 3/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

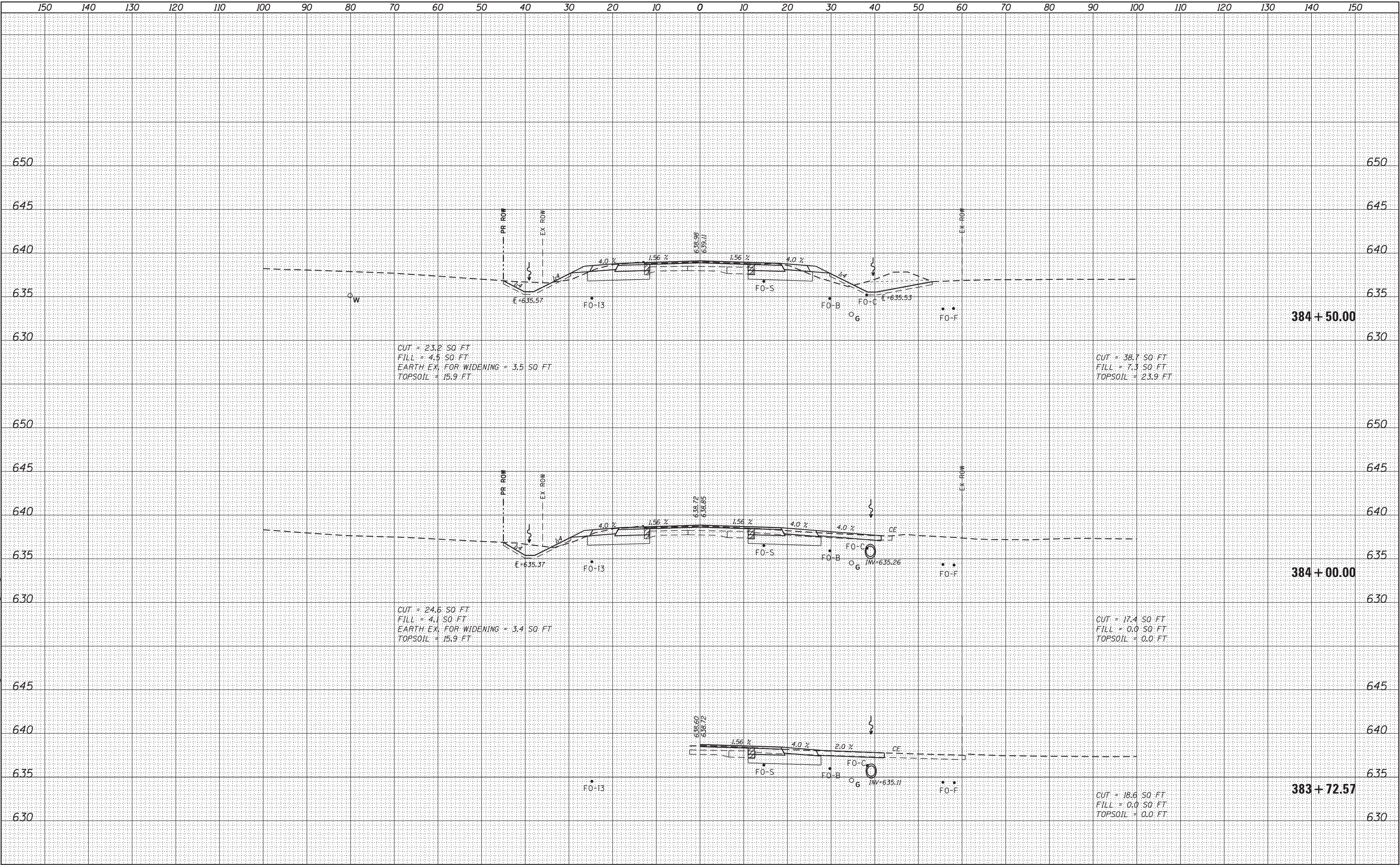
IL 9 CROSS-SECTIONS			
SCALE:	SHEET 10	OF 39	SHEETS
TO STA. 382+50.00		TO STA. 383+71.64	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	182
CONTRACT NO. 68A65				
ILLINOIS		FED. AID PROJECT		

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

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

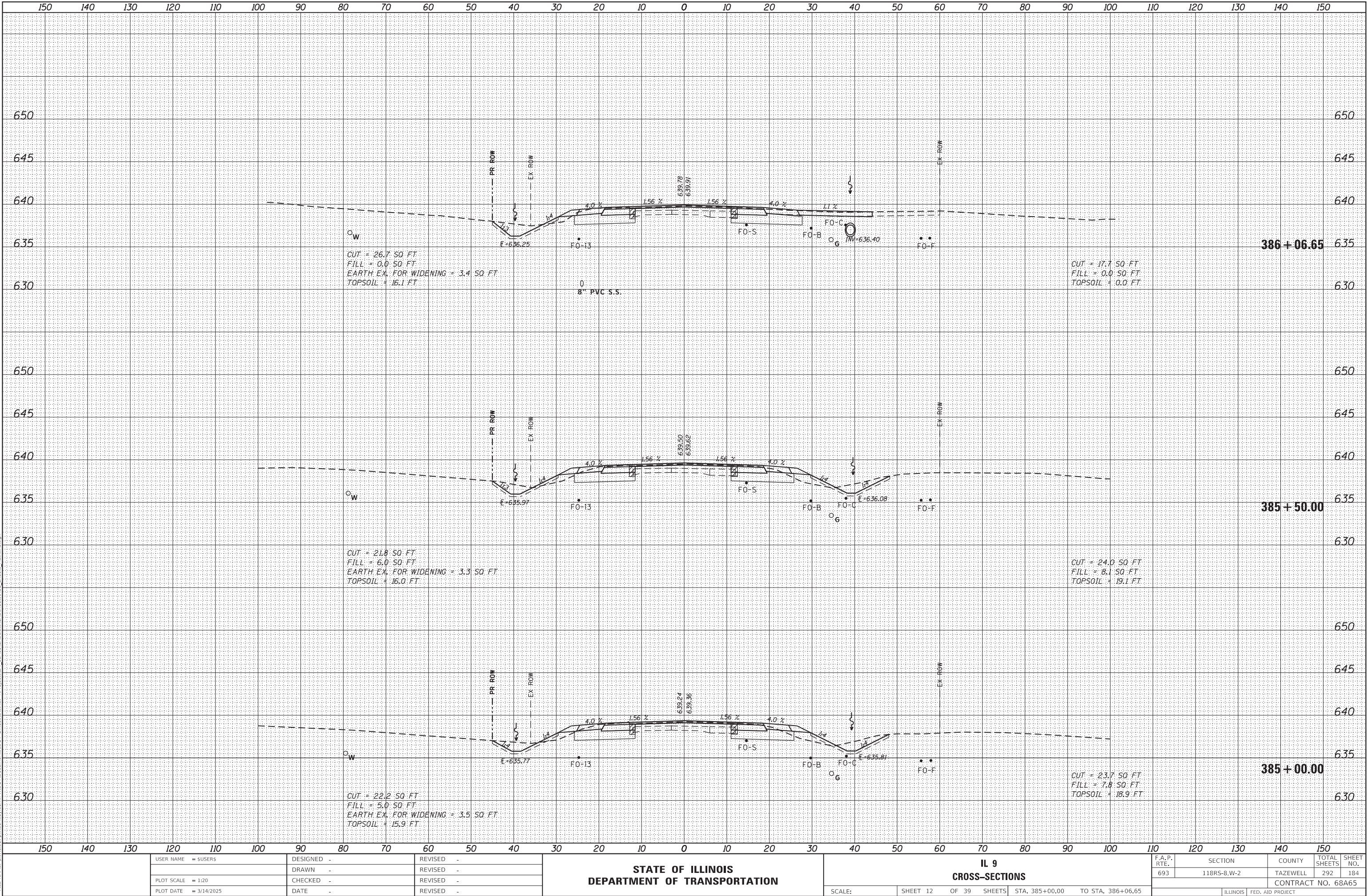
IL 9 CROSS-SECTIONS			
SCALE:	SHEET 11	OF 39	SHEETS
	STA. 383+72.57	TO STA. 384+50.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	183
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
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		NO.	NO.	NO.	NO.

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 9
CROSS-SECTIONS

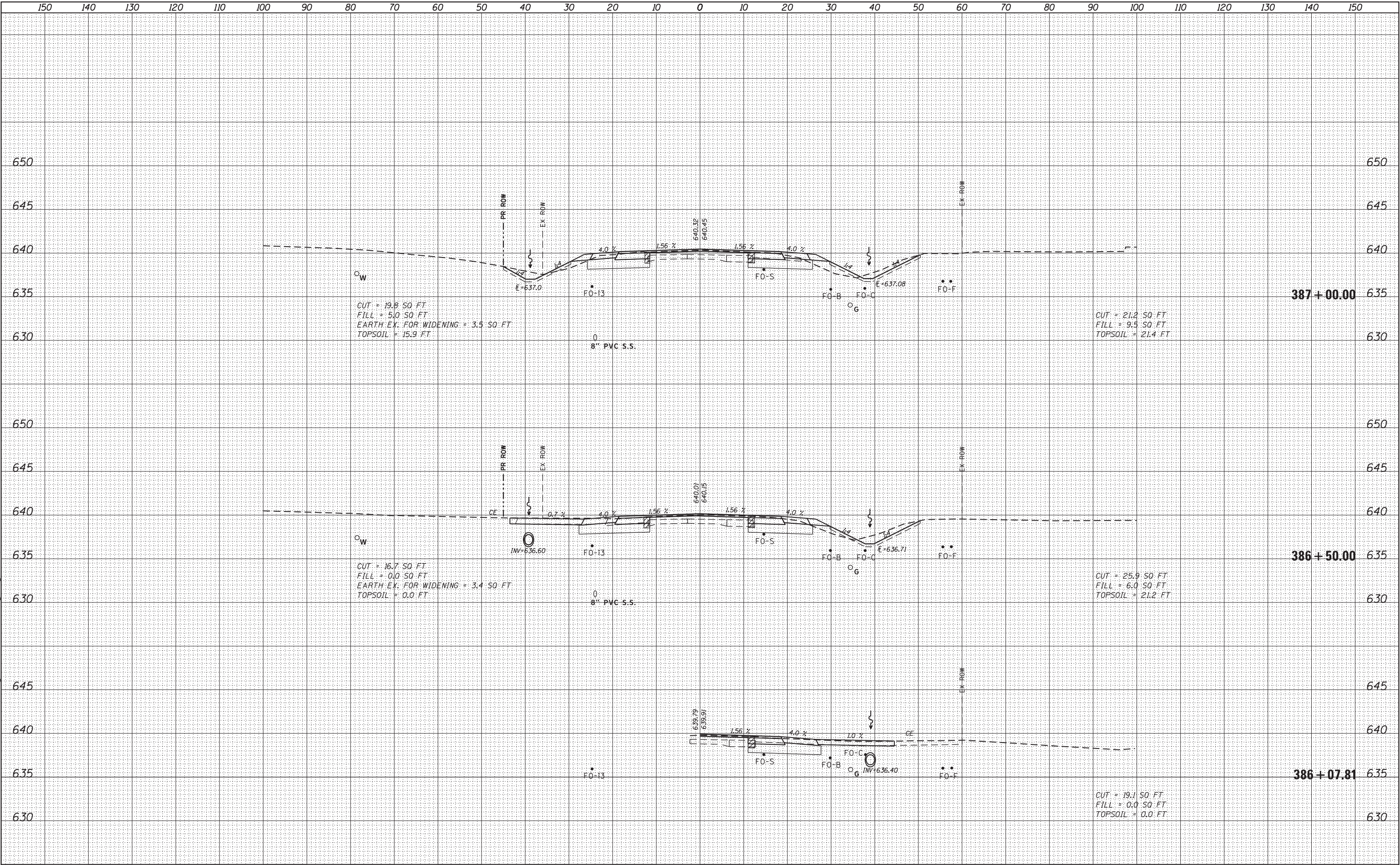
SCALE: SHEET 12 OF 39 SHEETS STA. 385+00.00 TO STA. 386+06.65

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	184
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

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

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

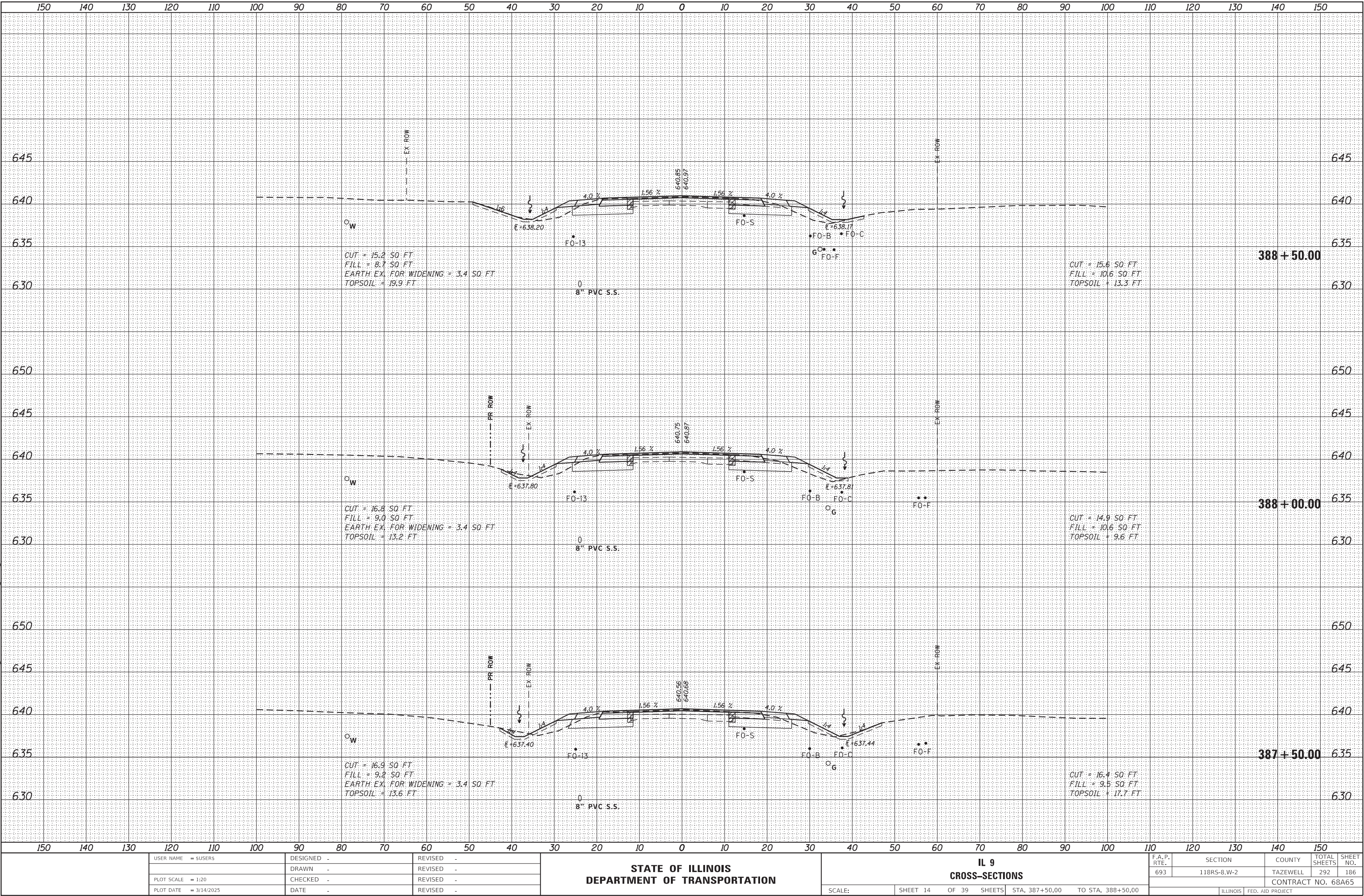
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			DRAWN -			REVISED -			693	118RS-8,W-2																	TAZEWELL		292	185												
			PLOT SCALE = 1:20			CHECKED -			REVISED -													SCALE:					SHEET 13		OF 39		SHEETS		STA. 386+07.81		TO STA. 387+00.00		ILLINOIS		FED. AID PROJECT		CONTRACT NO. 68A65	
			PLOT DATE = 3/14/2025			DATE -			REVISED -																		SHEET 13		OF 39		SHEETS		STA. 386+07.81		TO STA. 387+00.00							

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		

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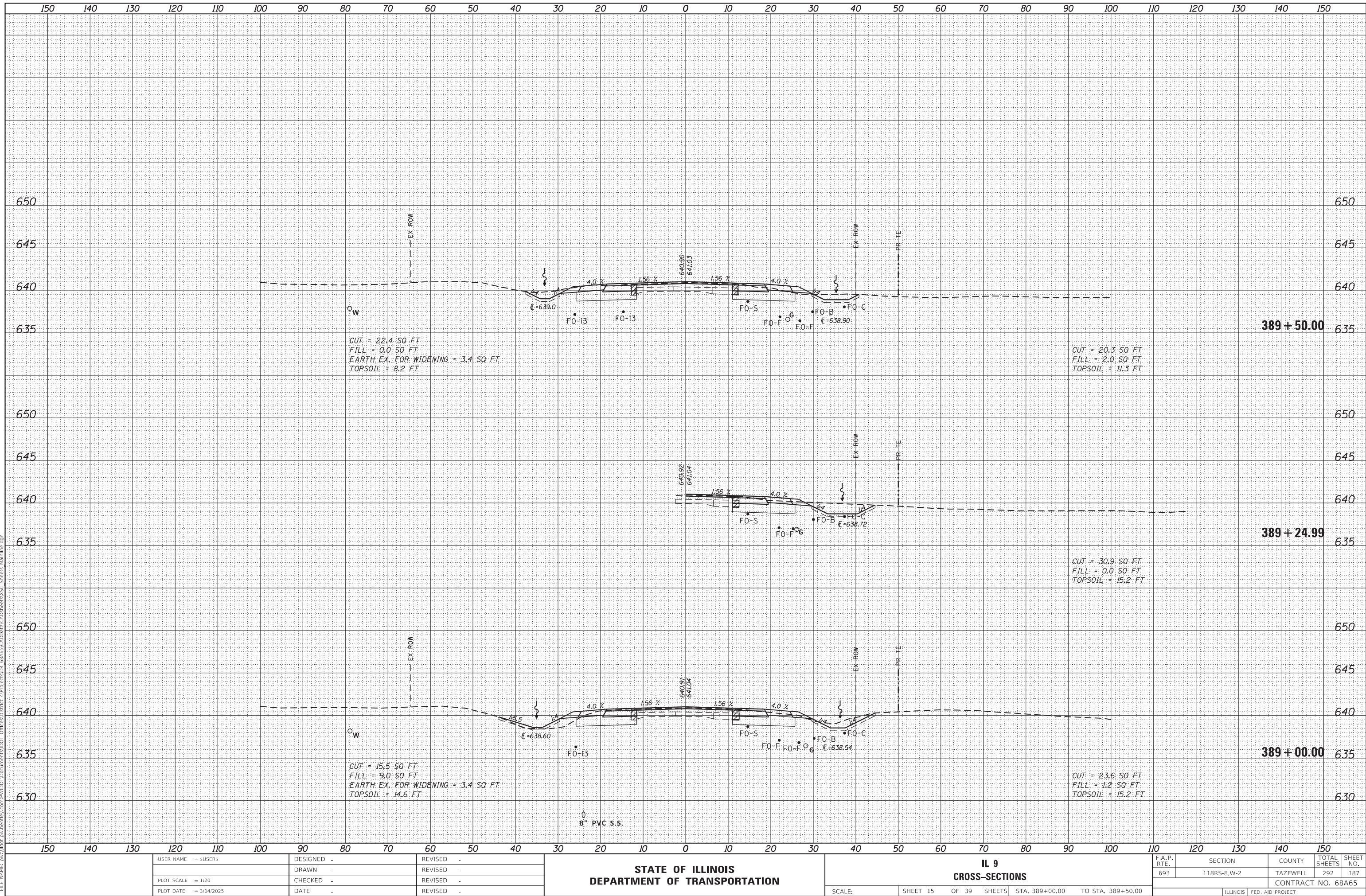


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	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		
	NO. _____		
NOTE BOOK			

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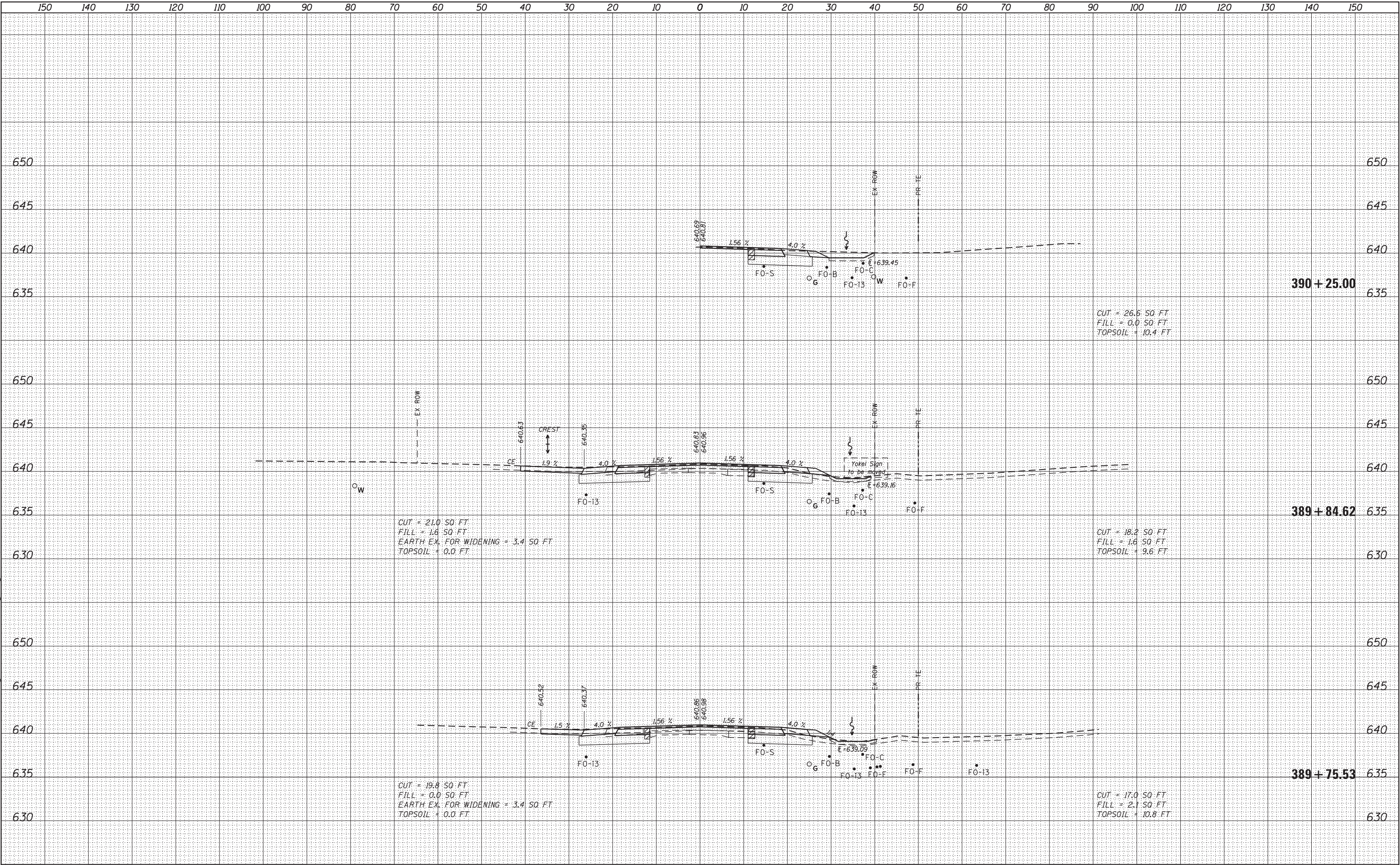
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FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

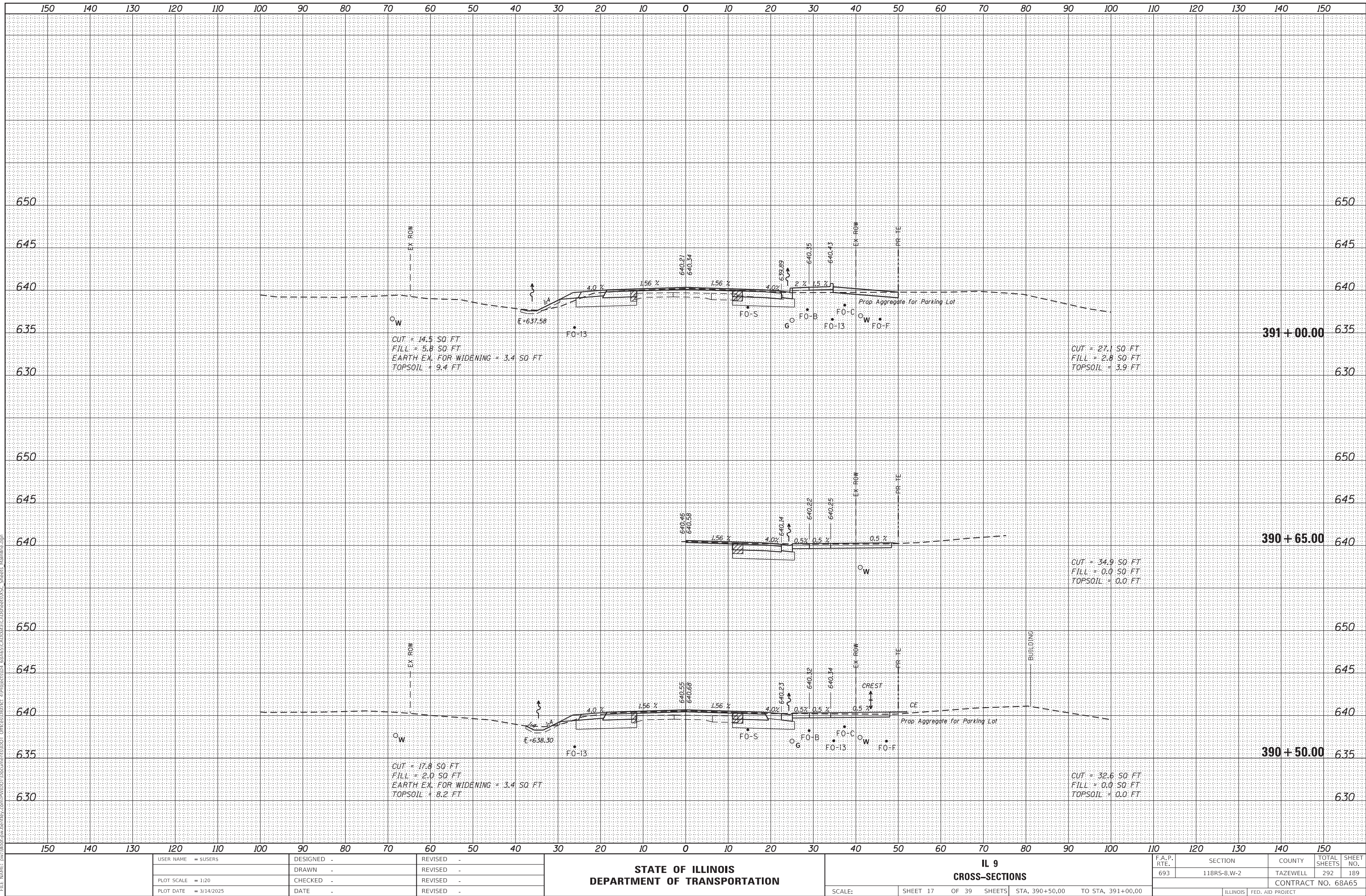
IL 9
CROSS-SECTIONS

SCALE: SHEET 16 OF 39 SHEETS STA. 389+75.53 TO STA. 390+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118RS-8,W-2	TAZEWELL	292	188
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

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

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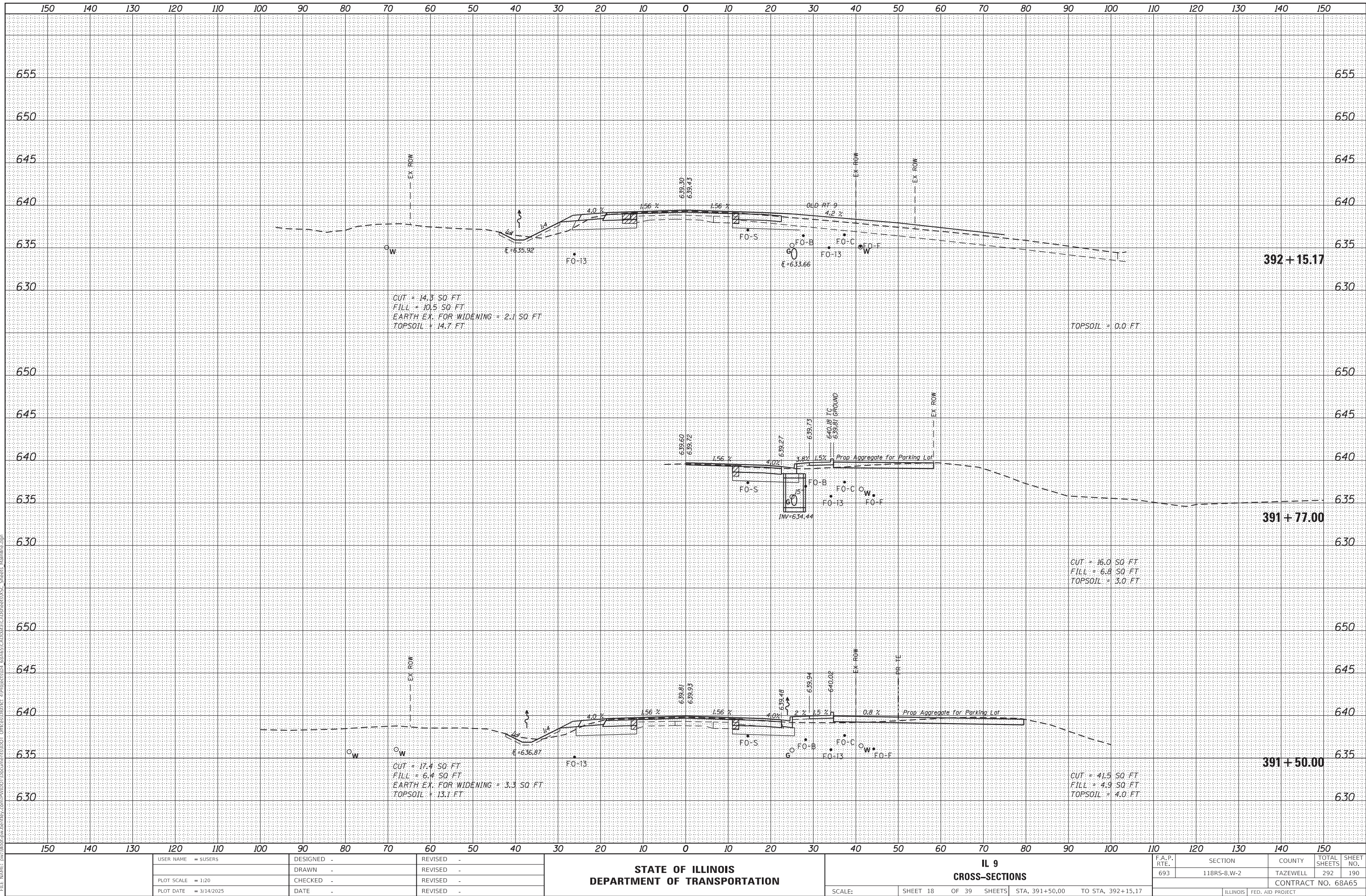


FINAL SURVEY			
	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		
NO. _____			
		BY	DATE

ORIGINAL		BY	DATE
SURVIVED			
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NOTE BOOK			
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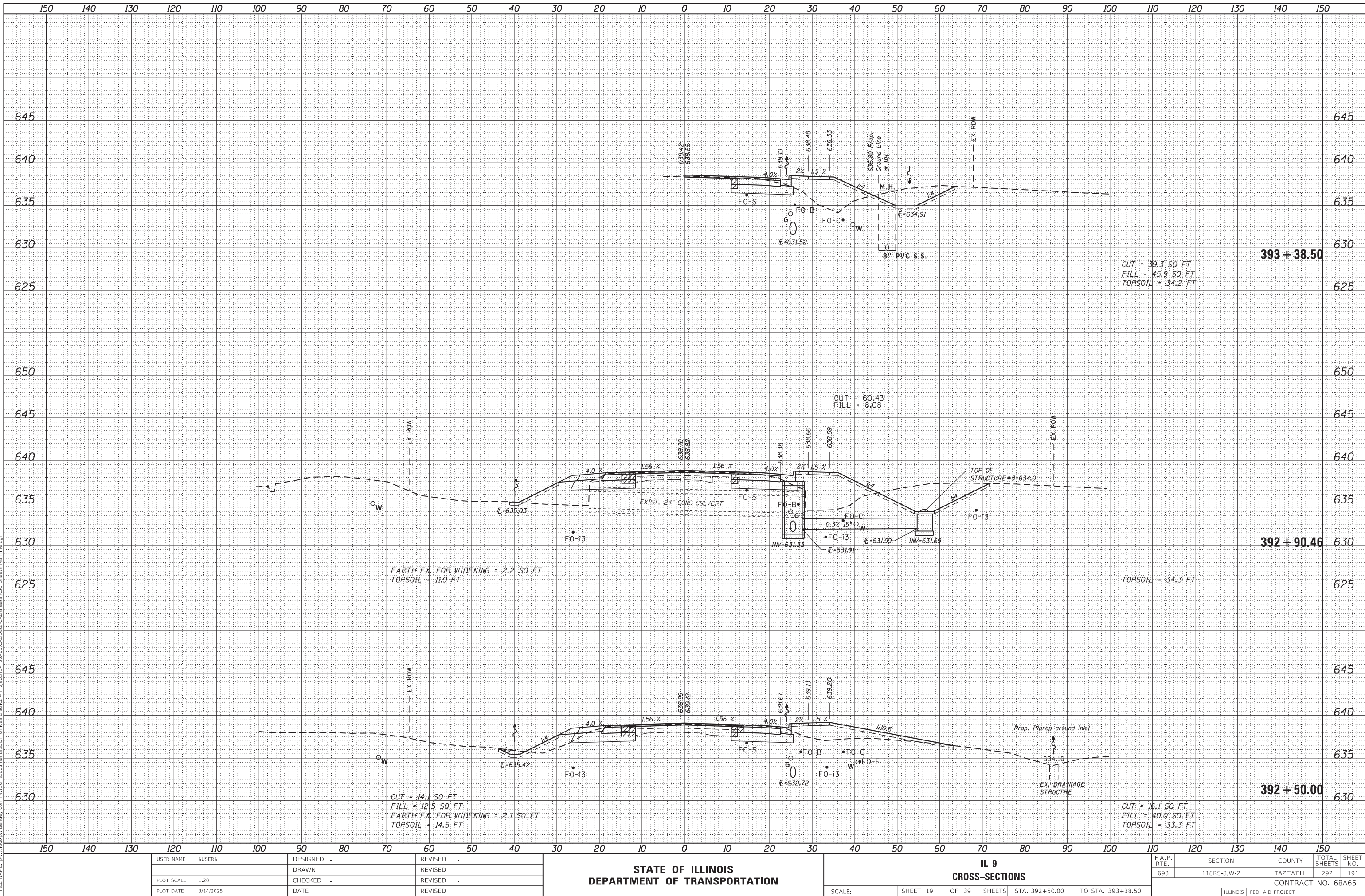
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SURVIVED			
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TEMPLATE			
AREAS			
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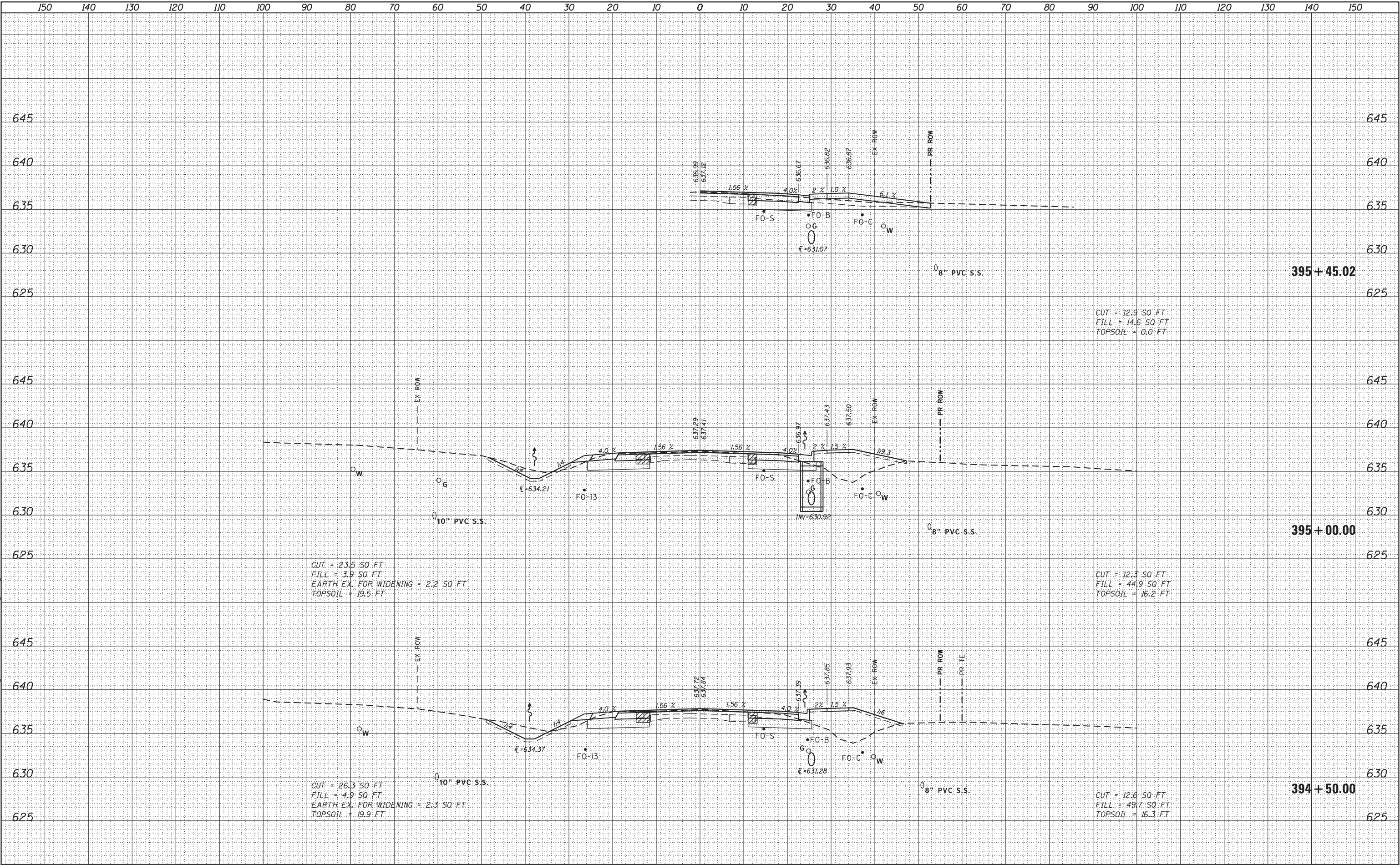
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	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS CHECKED _____		
NOTE BOOK			
NO. _____			

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		DRAWN -	REVISED -						693	118RS-8,W-2	TAZEWELL	292	192
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	PLOT DATE = 3/14/2025	DATE -	REVISED -			SCALE:	SHEET 20 OF 39 SHEETS	STA. 393+50.00 TO STA. 394+20.45					

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

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 9
CROSS-SECTIONS

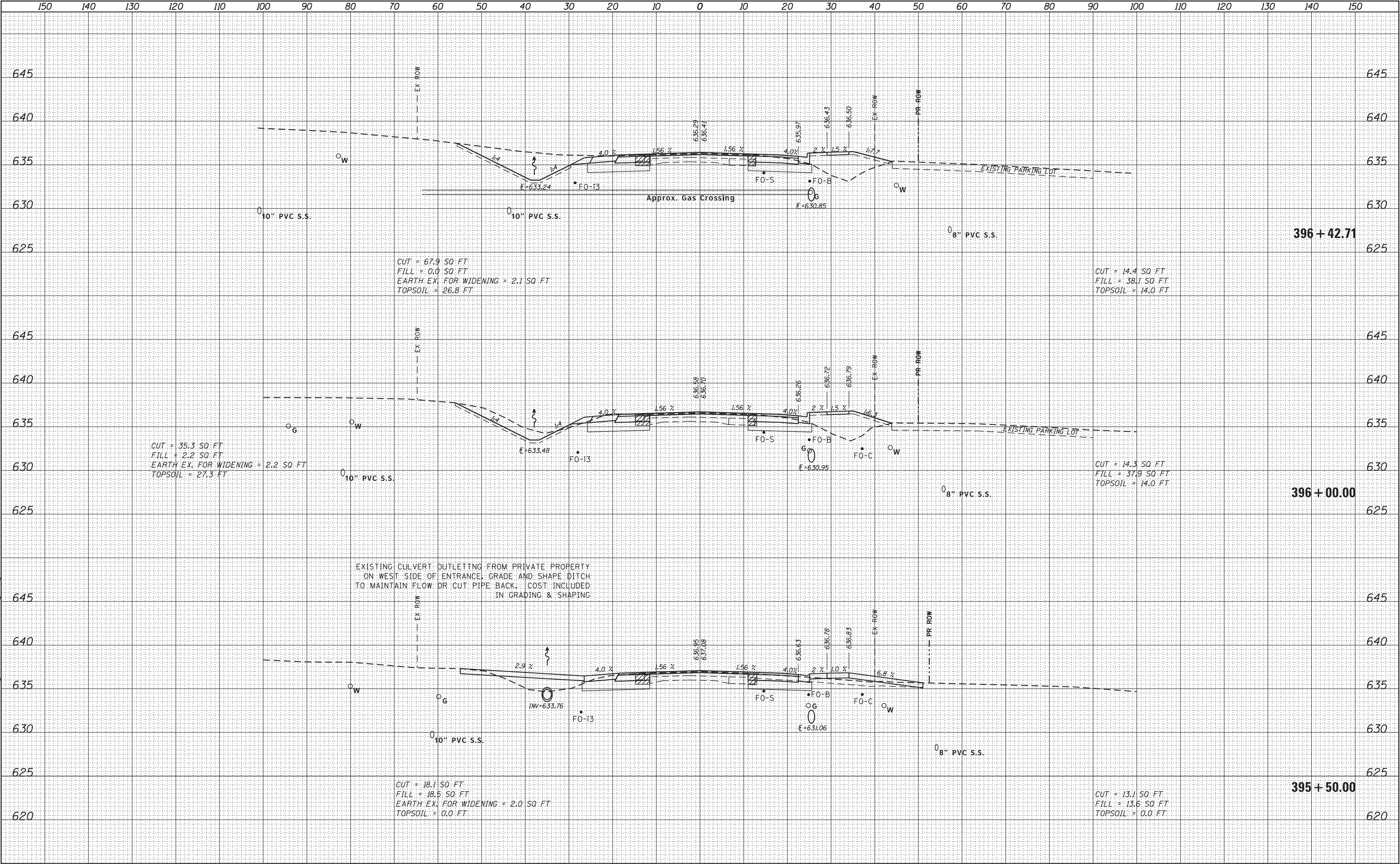
SCALE: SHEET 21 OF 39 SHEETS STA. 394+50.00 TO STA. 395+45.02

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	193
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
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		NO.	NO.	NO.	NO.

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
		ORIGINAL	NO.	NO.	NO.
		NO.	NO.	NO.	NO.

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			DRAWN -			REVISED -			693	118RS-8,W-2																	TAZEWELL		292	194							
			PLOT SCALE = 1:20			CHECKED -			REVISED -													SCALE:					SHEET 22	OF 39	SHEETS	STA. 395+50.00		TO STA. 396+42.71		ILLINOIS		FED. AID PROJECT	
			PLOT DATE = 3/14/2025			DATE -			REVISED -																		CONTRACT NO. 68A65										

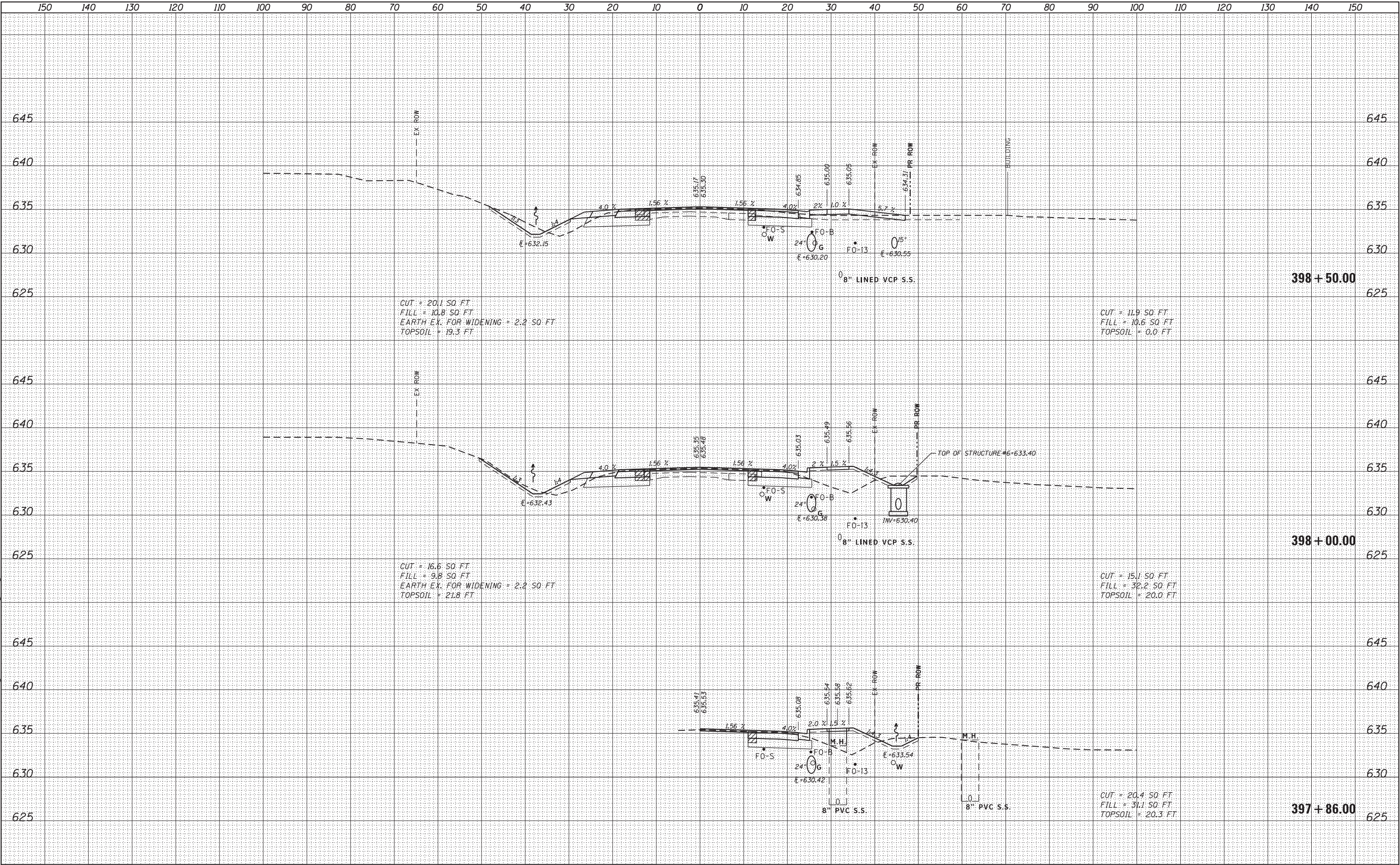
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		DRAWN -	REVISED -						693	118RS-8,W-2	TAZEWELL	292	195
	PLOT SCALE = 1:20	CHECKED -	REVISED -		SCALE:				SHEET 23 OF 39 SHEETS	STA. 397+00.00 TO STA. 397+70.39	CONTRACT NO. 68A65		
	PLOT DATE = 3/14/2025	DATE -	REVISED -							ILLINOIS	FED. AID PROJECT		

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
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FINAL		SURVEY	NOTE BOOK	AREAS CHECKED	

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

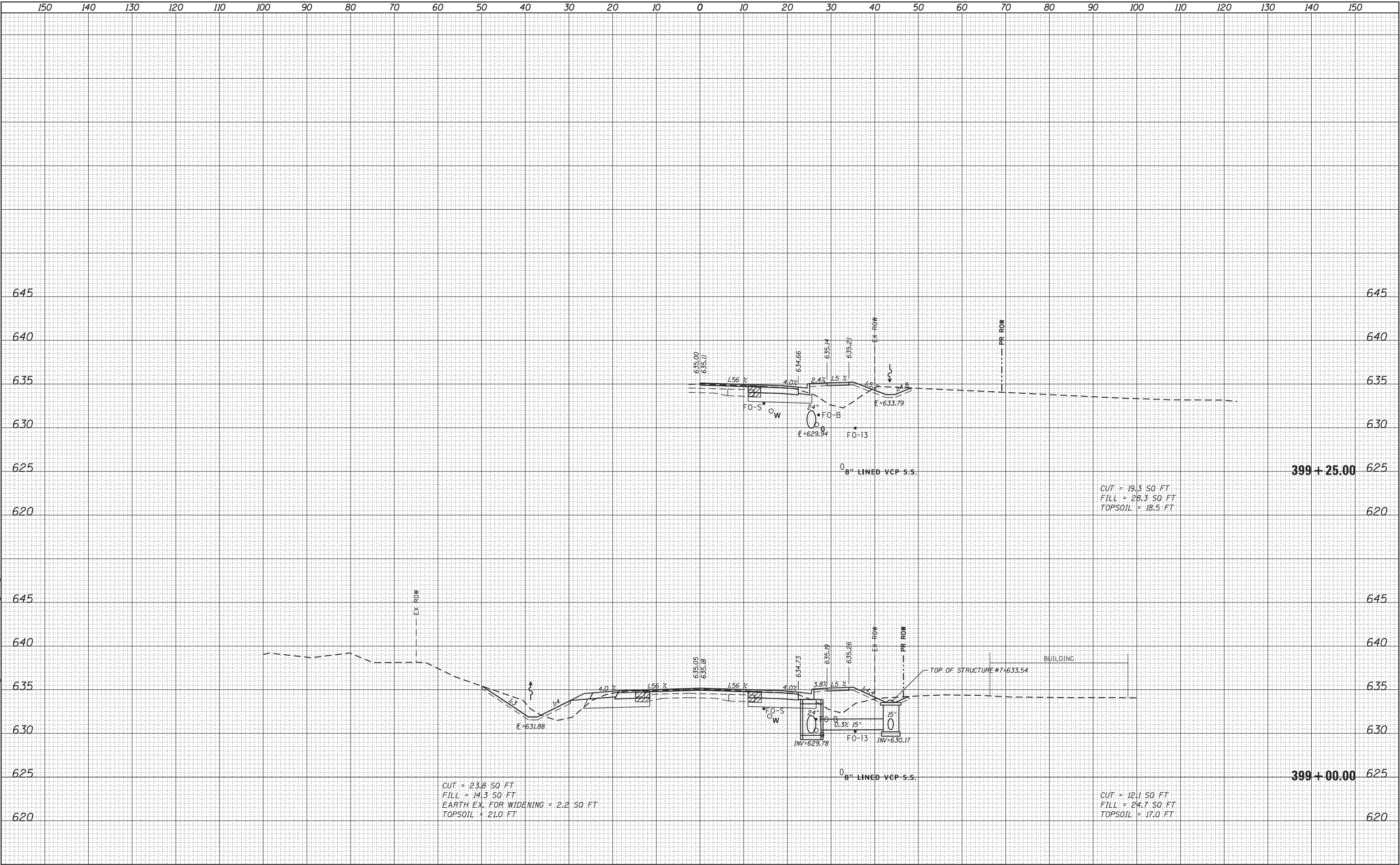
SCALE:	SHEET 24	OF 39	SHEETS	STA. 397+86.00	TO STA. 398+50.00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	196
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

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

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

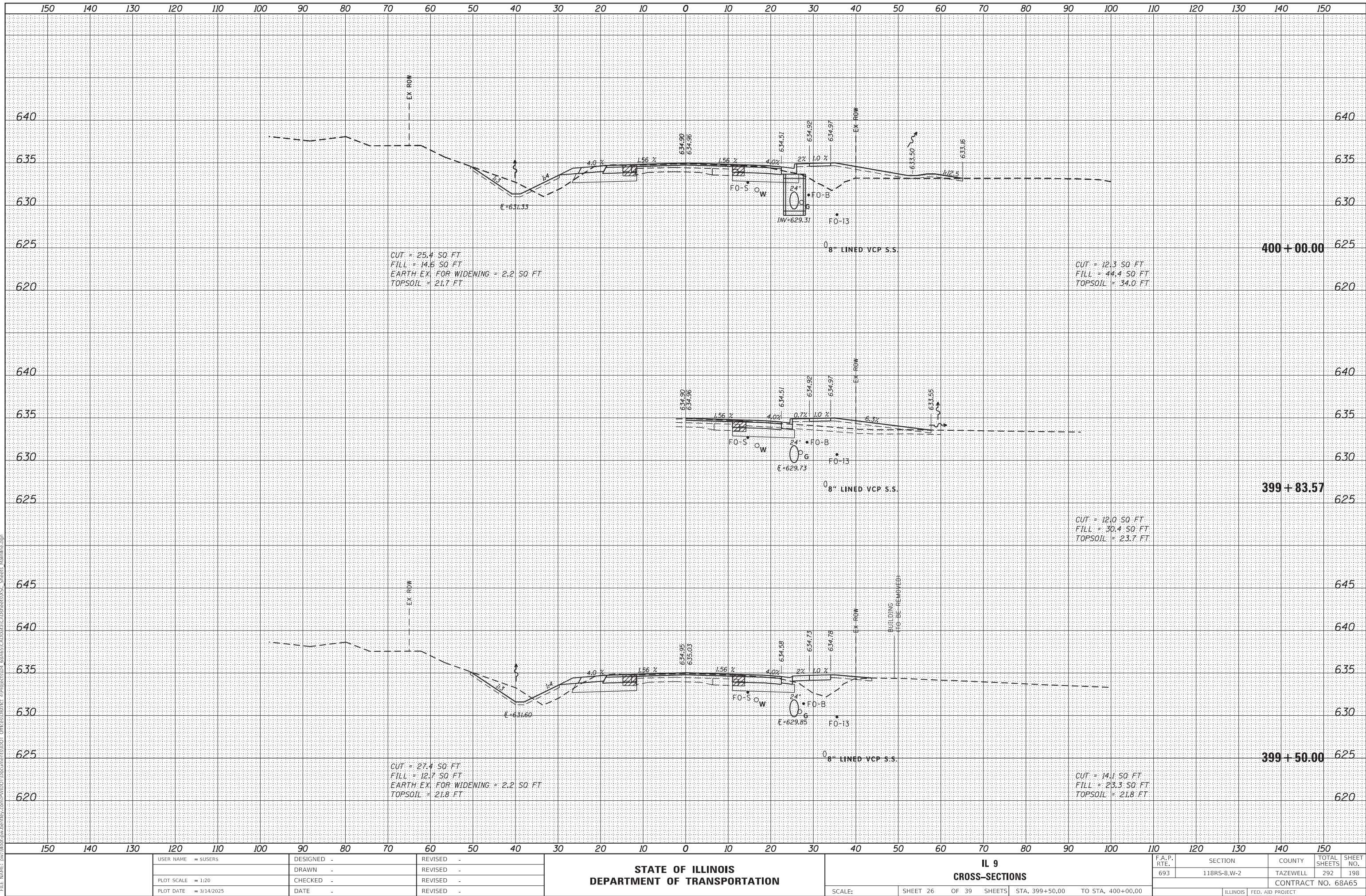
IL 9
CROSS-SECTIONS

SCALE: SHEET 25 OF 39 SHEETS STA. 399+00.00 TO STA. 399+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	118R5-8,W-2	TAZEWELL	292	197
CONTRACT NO. 68A65				
ILLINOIS FED. AID PROJECT				

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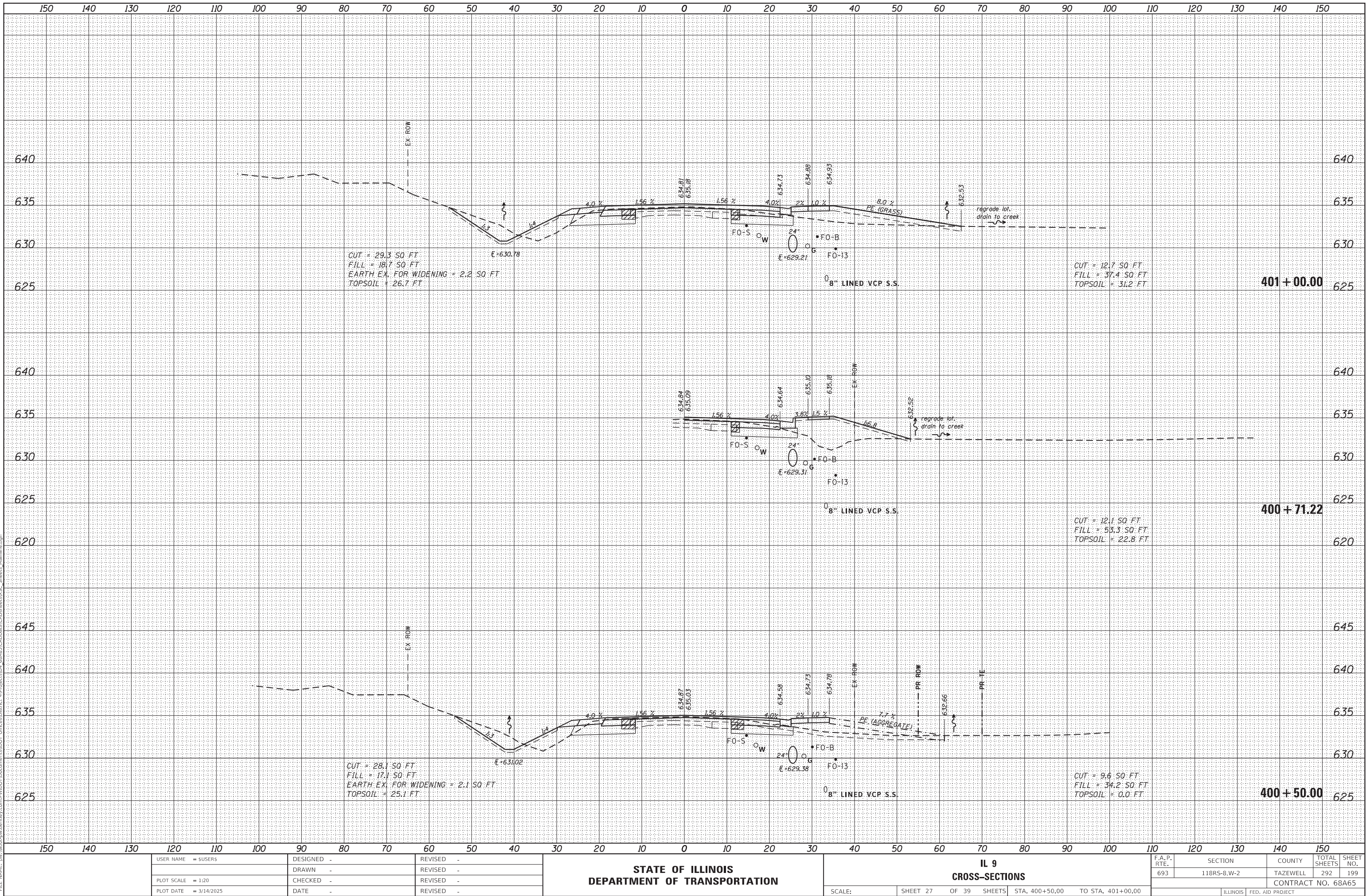
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	AREAS _____	_____	_____/_____/_____
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ORIGINAL SURVEY		BY	DATE
	SURVEYED _____		
	PLOTTED _____		
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NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
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