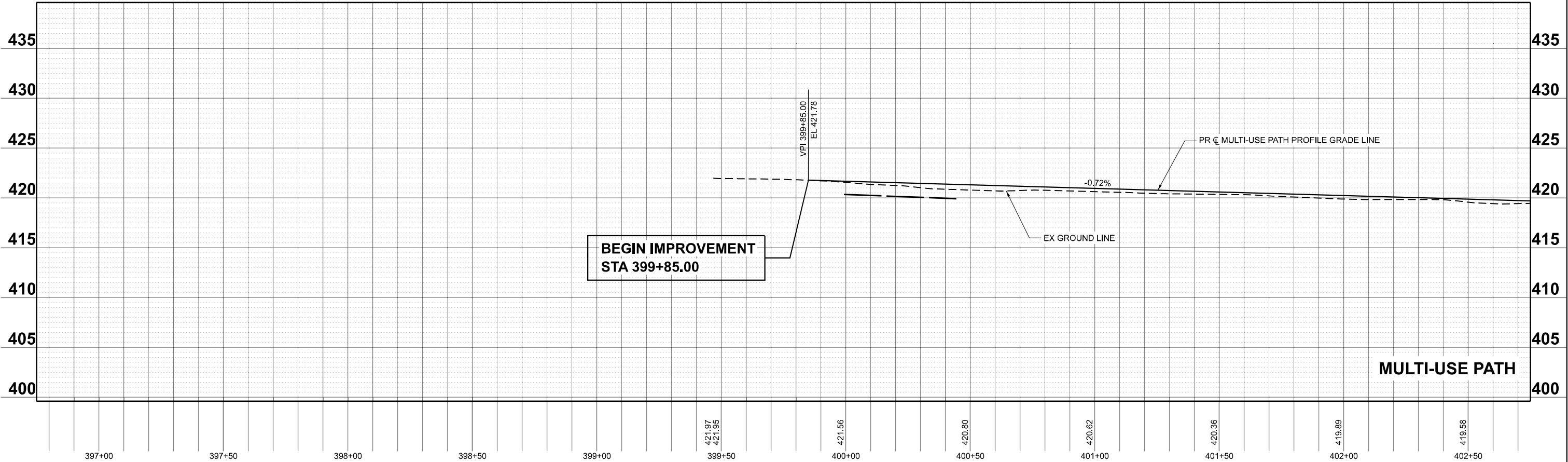


MODEL: Profile - IL 154 - Profile - IL 154-17 (Sheet)
FILE NAME: \\Quigg\Projects\2023\IL 072 - PTB 205-38 D9 - QEI - Var Ph I\IWC3 IL 154 Rend Lake Rdwy PH IICADD\CADD Sheets\DS78786-shr-Profile.dgn



QEI QUIGG ENGINEERING INC	USER NAME = TOverton	DESIGNED - RG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN & PROFILE (WEST) IL 154 & MULTI-USE PATH			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666633" / in.	DRAWN - RG	REVISED -					845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	101
	PLOT DATE = 5/5/2025	CHECKED - SMK	REVISED -		SCALE: 1"=20' SHEET 34 OF 36 SHEETS STA. 396+75.00 TO STA. 402+75.00			CONTRACT NO. 78786				
		DATE - 05/07/2025	REVISED -					ILLINOIS FED. AID PROJECT				

MODEL: Path - Roadway Plan 19 (Sheet)
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38 D9 - QEI - Var PH IL154 Rend Lake Rdwy PH IICADD\CADD Sheets\078786-shr-Plan.dgn



USER NAME	= TOverton
PLOT SCALE	= 0.16666633" / lin.
PLOT DATE	= 5/5/2025

DESIGNED	- RG
DRAWN	- RG
CHECKED	- SMK
DATE	- 05/07/2025

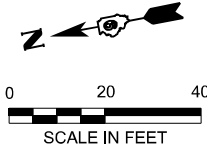
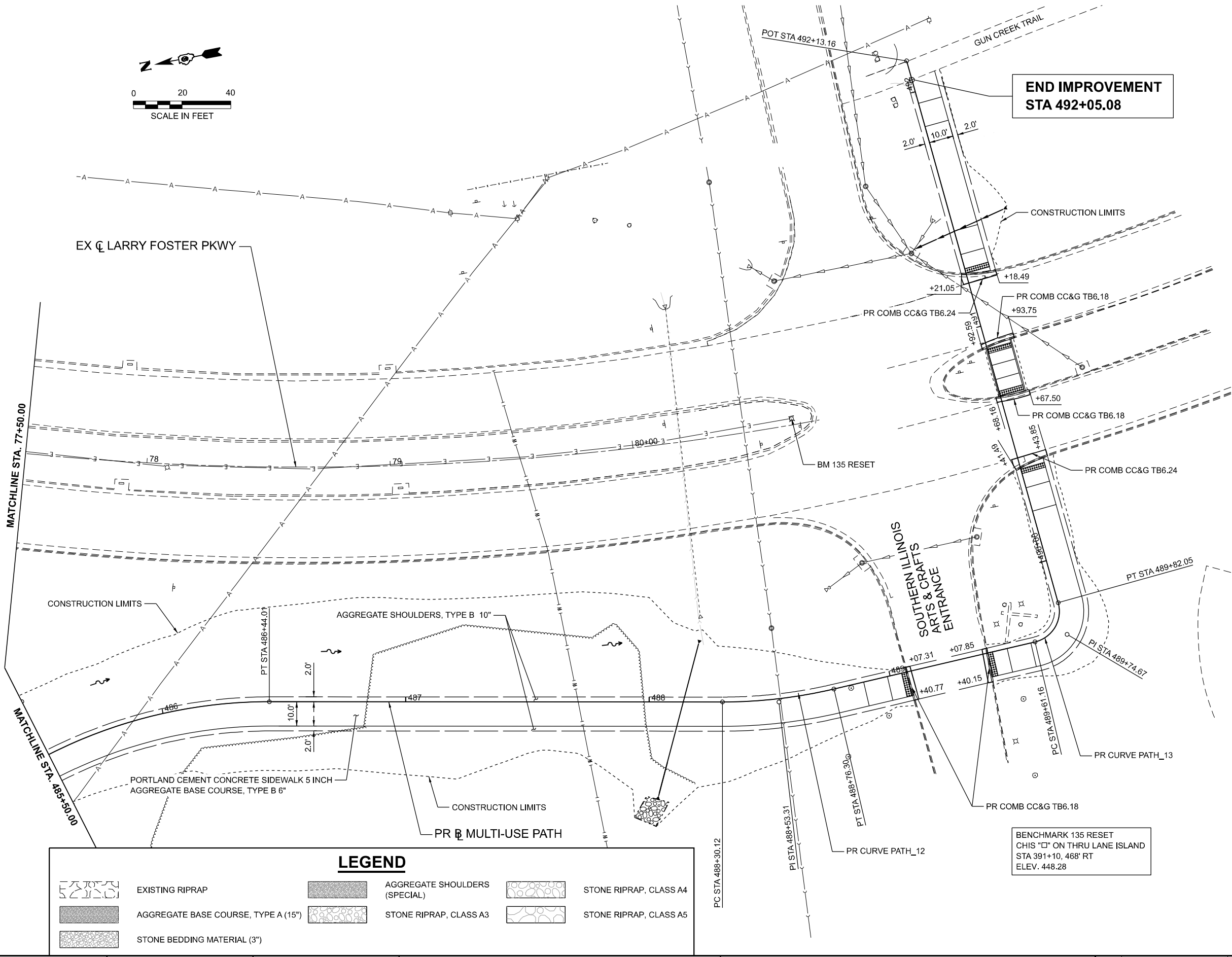
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN & PROFILE (WEST)
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 35 OF 36 SHEETS STA. 485+50.00 TO STA. 492+03.16

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	102
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



MODEL: Profile - IL 154 - Profile - IL154-18 [Sheet]
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38 D9 - QEI - Var Phl ILLVO3 IL154 Rend Lake Rwy PH IICADD\CADD Sheets\D9786-shr-Profile.dgn



USER NAME	= TOverton
PLOT SCALE	= 0.16666633' / in.
PLOT DATE	= 5/5/2025

DESIGNED	-	RG
DRAWN	-	RG
CHECKED	-	SMK
DATE	-	05/07/2025

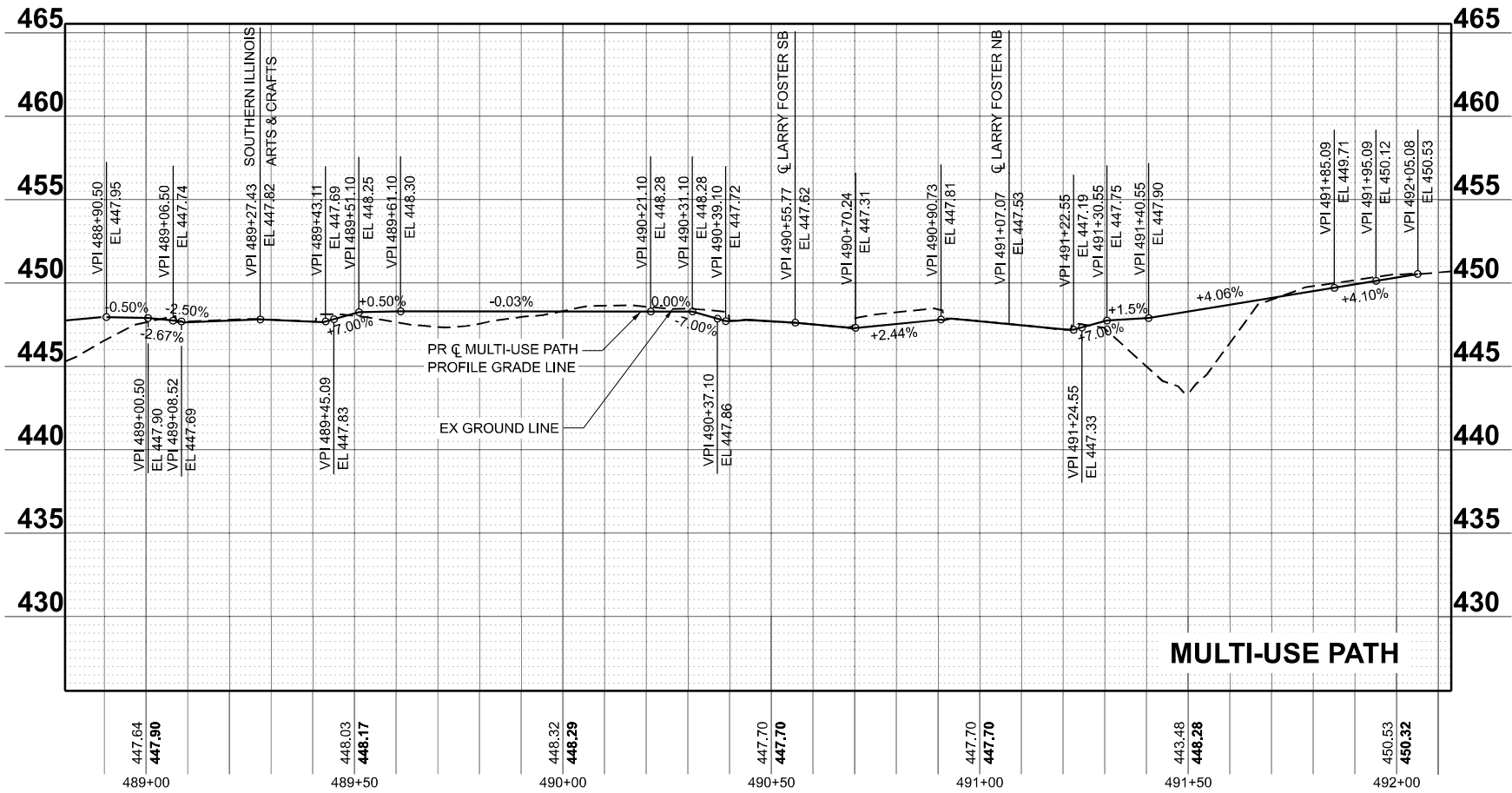
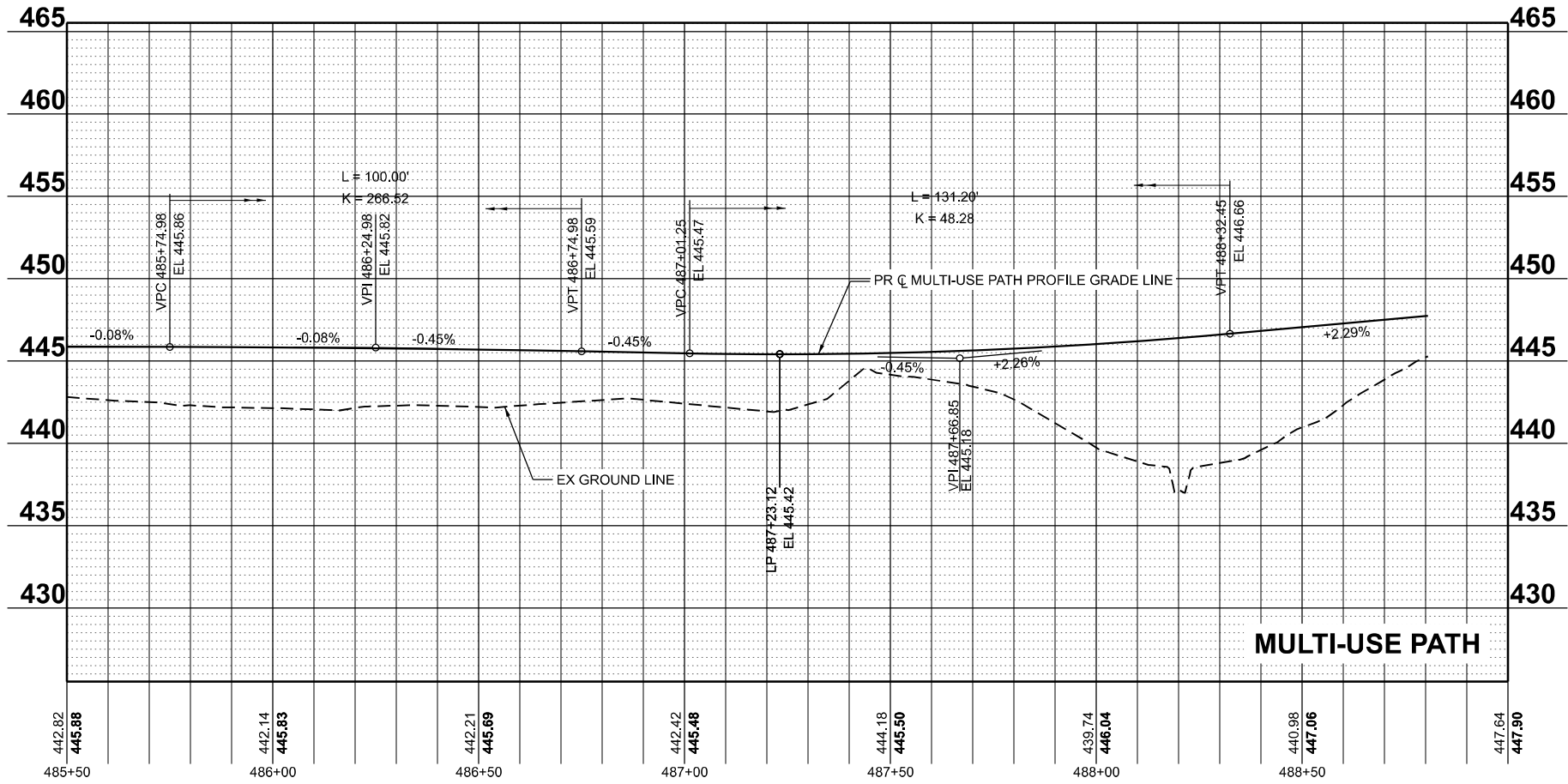
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

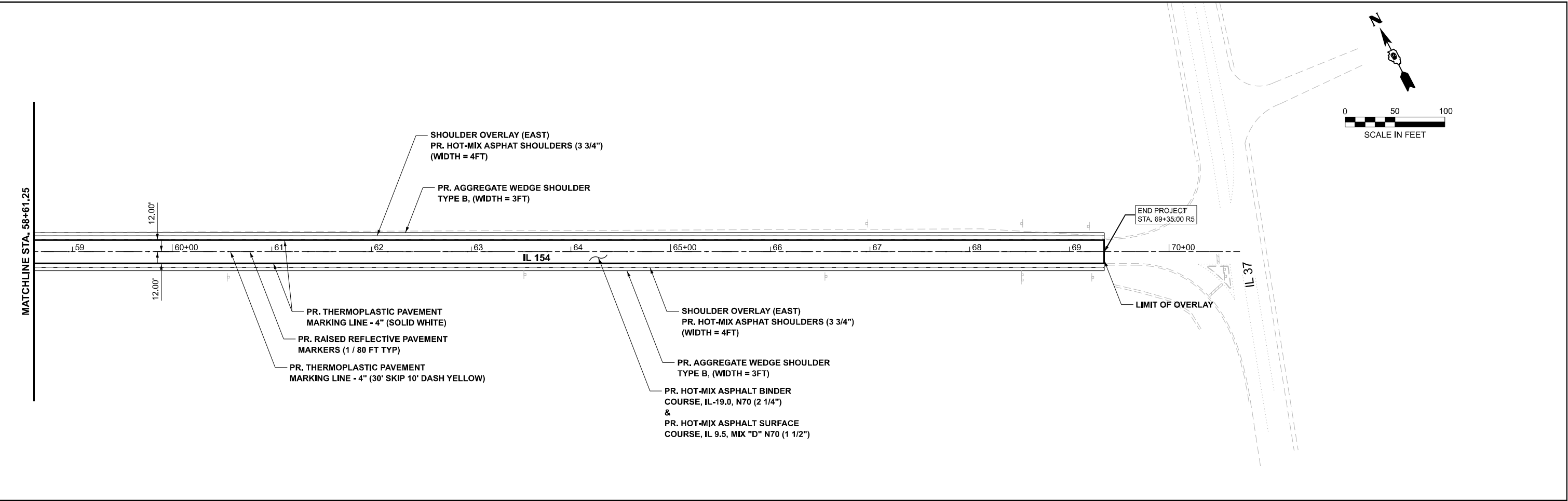
ROADWAY PLAN & PROFILE (WEST)
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 36 OF 36 SHEETS STA. 485+49.95 TO STA. 492+03.11

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	103
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



MODEL: IL154 - Plan 3 (Sheet)
FILE NAME: S:\PROJECTS\2023\2084D23_IDOT\WO 3 Contract # -23IL072\CAD_SHEETS\0978786_Sht_Plan-Overlay.dgn



WILLETT HOFMANN ASSOCIATES, INC. 1100 NORTH LAKE STREET, SUITE 200, CHICAGO, IL 60606 TEL: 312.345.1234 FAX: 312.345.5678	USER NAME = greg		DESIGNED - GBG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ROADWAY PLANS IL 154 & MULT-USE PATH			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - GBG	REVISED -					845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	105
			CHECKED - GFS	REVISED -					CONTRACT NO. 78786				
	PLOT DATE = 5/05/2025		DATE - 5/07/2025	REVISED -		SCALE: 1"=50'	SHEET 2	OF 2 SHEETS	STA. 58+61.25 R5	TO STA. 73+61.25 R5	ILLINOIS FED. AID PROJECT		

MODEL: Notes [Sheet]
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TRAFFIC CONTROL NOTES

ALL TEMPORARY PAVEMENT MARKINGS, DRUMS, ETC. SHALL BE PLACED PRIOR TO PLACING TEMPORARY CONCRETE BARRIER.

TWO PHASE SIGNAL OPERATION IS REQUIRED WHEN IDOT STANDARD 701321 IS IN EFFECT. THE ENGINEER OF TRAFFIC SHALL APPROVE ALL TIMING PARAMETERS.

STAGE CONSTRUCTION GENERAL NOTES

ONE LANE OF TRAFFIC ALONG IL 154 SHALL BE MAINTAINED AT ALL TIMES.

EMERGENCY ACCESS SHALL BE PROVIDED AT ALL TIMES.

SUGGESTED PRE-STAGE 1 CONSTRUCTION

CONSTRUCTION:
REHABILITATION OF EXISTING PAVED SHOULDERS ALONG THE NORTH SIDE OF IL 154 THROUGH THE CAUSEWAY. REMOVE AND REPLACE SHOULDER WITH 10' WIDE 10" PCC SHOULDER FROM STA. 308+15.00 TO STA. 356+86.77. REMOVE AND REPLACE SHOULDER WITH 8' WIDE 10" PCC SHOULDER FROM STA. 356+86.77 TO STA. 377+65.00 (OMIT EX. BRIDGE).

CONSTRUCT WESTBOUND LANE PATCHING AS NEEDED FOR THE PROPOSED STAGE 1 TRAFFIC SHIFT. PATCHING SHALL NOT IMPEDE ON THE SCHEDULE TO SHIFT TRAFFIC IN STAGE 1.

TRAFFIC:
TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLAN DETAILS AND IDOT STANDARDS 701326 AND 701336.

SUGGESTED STAGE 1 CONSTRUCTION

CONSTRUCTION:
SET UP TRAFFIC CONTROL SIGNING, STRIPING, AND BARRICADES FOR MAINTENANCE OF TRAFFIC ACTIVITIES SHIFTING TRAFFIC ALONG IL 154 TO THE NORTH. REMOVE EXISTING GUARDRAIL TO THE SOUTH OF THE ROADWAY. CONSTRUCT EASTBOUND PORTION OF BRIDGE (OMITTING THE CONSTRUCTION OF THE 39" CONSTANT-SLOPE CONCRETE PARAPET ON THE BRIDGE AND APPROACH PAVEMENT). CONSTRUCT THE PROPOSED EMBANKMENT ALONG THE SOUTH SIDE OF IL 154 FOR THE MULTI-USE PATH AND ROADWAY GRADE TRANSITION AT THE PROPOSED BRIDGE. CONSTRUCT TEMPORARY PAVEMENT TO BE USED FOR STAGE 2 TRAFFIC ADJACENT TO THE BRIDGE ABUTMENTS.

CONSTRUCTION OF THE PROPOSED SOUTHERN EMBANKMENT DOES NOT NEED TO BE ENTIRELY COMPLETED BEFORE PROCEEDING TO STAGE 2. COMPLETION OF THIS CONSTRUCTION CAN EXTEND INTO STAGE 2 TRAFFIC WITH ADJUSTMENT TO THE LANE TAPER LOCATIONS.

PATCHING THAT DOES NOT IMPEDE ON THE STAGE 1 TRAFFIC PATTERNS CAN OCCUR DURING STAGE 1.

TRAFFIC:
TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLAN DETAILS AND IDOT STANDARD 701006, INCLUDING LANE SHIFT SIGNAGE W1-4L AND W1-4R AT THE ENDS OF THE CAUSEWAY. TRAFFIC CONTROL AT THE BRIDGE SHALL BE IN ACCORDANCE WITH THE PLAN DETAILS AND IDOT STANDARD 701321. TRAFFIC CONTROL AT LARRY E FOSTER PKWY SHALL BE IN ACCORDANCE WITH THE PLAN DETAILS AND IDOT STANDARD 701601.

SUGGESTED STAGE 2 CONSTRUCTION

CONSTRUCTION:
SET UP TRAFFIC CONTROL SIGNING, STRIPING, AND BARRICADES FOR MAINTENANCE OF TRAFFIC ACTIVITES KEEPING TRAFFIC TO THE NORTH FROM STAGE 1 AND SHIFTING TRAFFIC TO THE SOUTH ACROSS THE BRIDGE. CONSTRUCT WESTBOUND PORTION OF BRIDGE ALONG WITH THE PROPOSED EMBANKMENT, APPROACH PAVEMENT AND GUARDRAIL.

PATCHING THAT DOES NOT IMPEDE ON THE STAGE 2 TRAFFIC PATTERNS CAN OCCUR DURING STAGE 2.

TRAFFIC:
TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLAN DETAILS AND IDOT STANDARD 701006 FROM PREVIOUS STAGE IF NECESSARY, INCLUDING LANE SHIFT SIGNANGE W1-4L AND W1-4R. TRAFFIC CONTROL AT THE BRIDGE SHALL BE IN ACCORDANCE WITH THE PLAN DETAILS AND IDOT STANDARD 701321.

SUGGESTED STAGE 3 CONSTRUCTION

CONSTRUCTION:
SET UP TRAFFIC CONTROL SIGNING, STRIPING, AND BARRICADES FOR MAINTENANCE OF TRAFFIC ACTIVITIES KEEPING TRAFFIC TO THE NORTH FROM STAGE 2 AND SHIFTING TRAFFIC AT THE BRIDGE TO USE THE SHOULDER AND BRIDGE CONSTRUCTED IN STAGE 2. REMOVE TEMPORARY PAVEMENT THAT WAS USED FOR STAGE 2 TRAFFIC ALONG THE SOUTH SIDE OF THE BRIDGE. INSTALL THE REMAINDER OF THE MULTI-USE PATH, GUARDRAIL, AND 39" CONSTANT-SLOPE CONCRETE PARAPET SEPARATING THE ROADWAY AND MULTI-USE PATH ACROSS THE BRIDGE AND APPROACH PAVEMENT.

PATCHING THAT DOES NOT IMPEDE ON THE STAGE 3 TRAFFIC PATTERNS CAN OCCUR DURING STAGE 3.

TRAFFIC:
TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLAN DETAILS AND IDOT STANDARDS 701006 FOR TRAFFIC CONTROL AT THE BRIDGE.

SUGGESTED POST-STAGE CONSTRUCTION

CONSTRUCTION:
REMOVE ALL TRAFFIC CONTROL DEVICES AND RESTORE TRAFFIC TO STANDARD LANE CONFIGURATION. CONSTRUCT PATCHING AND MILL AND OVERLAY IL 154 ROADWAY FROM FITZGERRELL PARK DR TO LARRY E FOSTER PKWY AND FROM LARRY E FOSTER PKWY TO IL 37 AS SHOWN IN ROADWAY PLANS (WEST) AND (EAST). INSTALL REMAINING NORTH SIDE GUARDRAIL WEST OF THE BRIDGE AND PERMANENT PAVEMENT MARKINGS THROUGH THE PROJECT EXTENTS. CONSTRUCT ANY REMAINING MULTI-USE PATH SIGNAGE AND STRIPING AND OTHER SITE RESTORATION ACTIVITIES THAT DO NOT AFFECT TRAFFIC. COMPLETE FINAL CLEANUP AND RESTORATION.

TRAFFIC:
TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH IDOT STANDARDS 701006, 701201, 701306, 701311, AND 701336.



ENGINEERING
& CONSULTING

USER NAME	= dhawes	DESIGNED	- BB	REVISED	-
		DRAWN	- BB	REVISED	-
		CHECKED	- DH	REVISED	-
PLOT DATE	= 5/5/2025	DATE	- 05/07/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC NOTES
IL 154 & MULTI-USE PATH

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112 (RS-4, BLP-1); 112B-4	FRANKLIN	406	106
CONTRACT NO. 78786				
ILLINOIS			FED. AID PROJECT	

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ENGINEERING
& CONSULTING

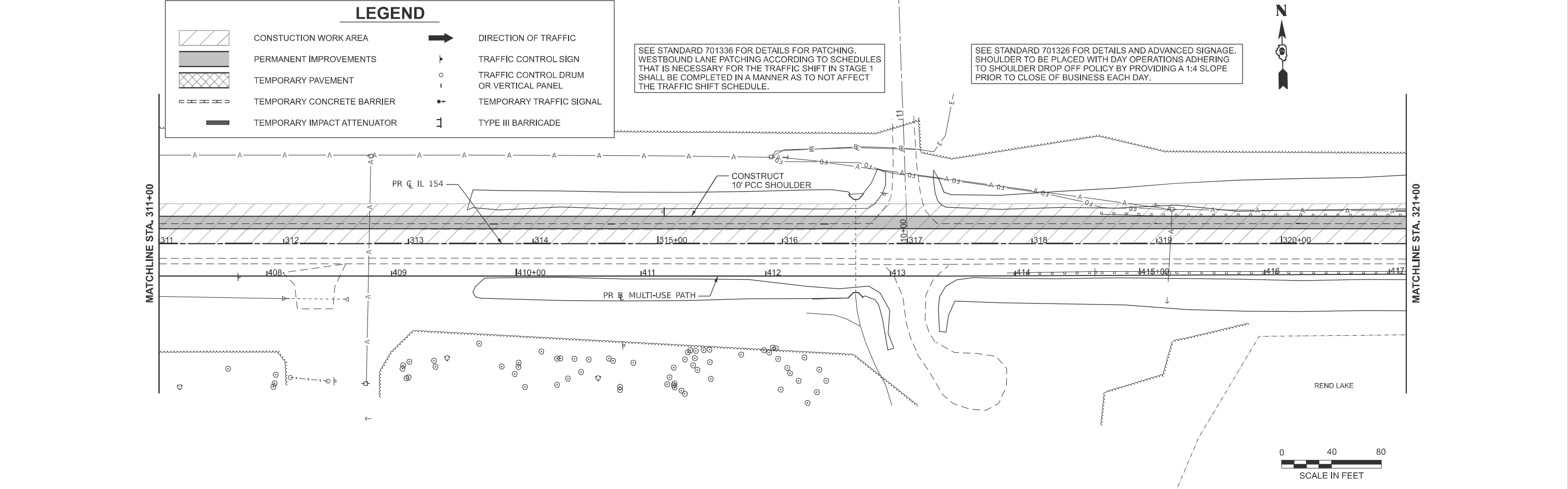
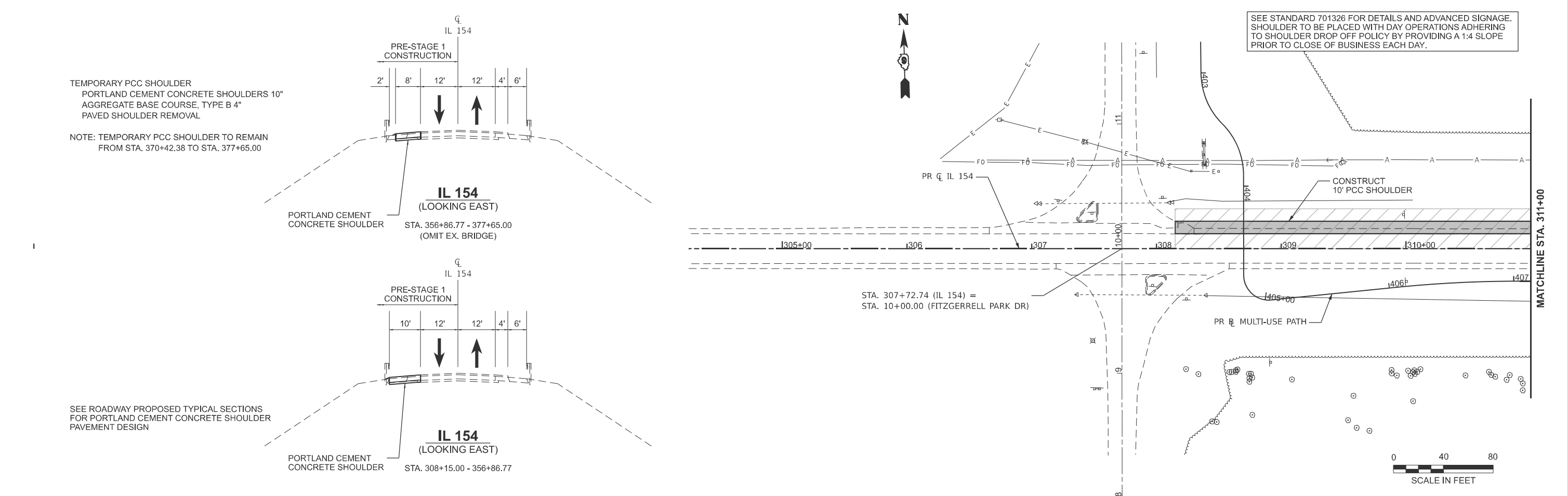
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

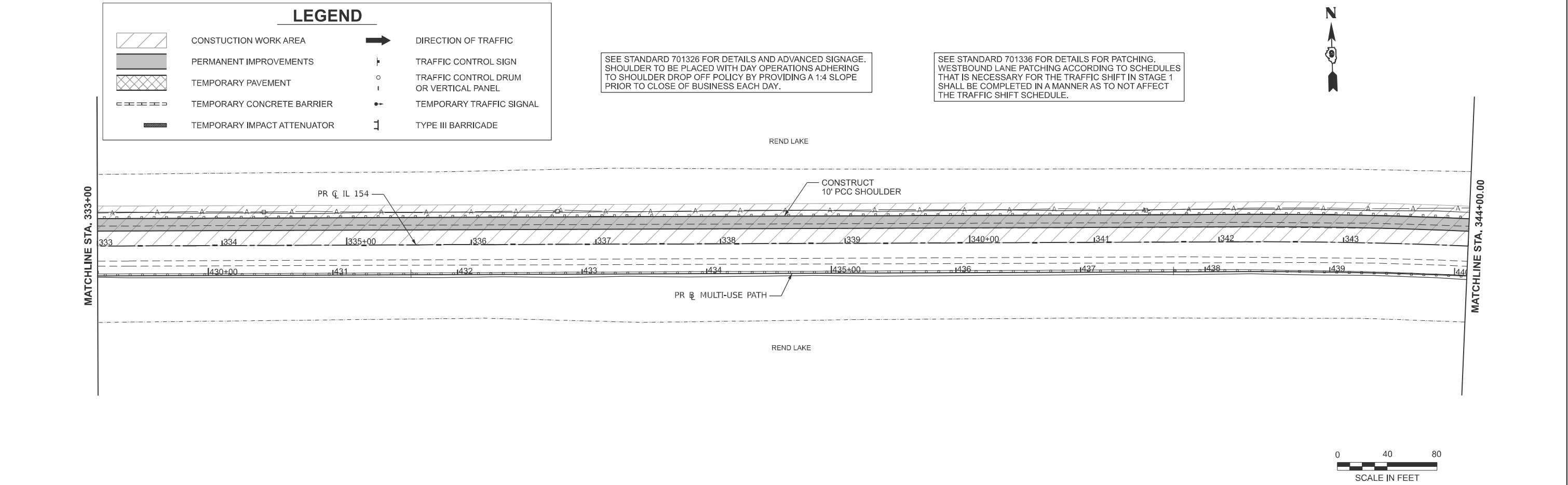
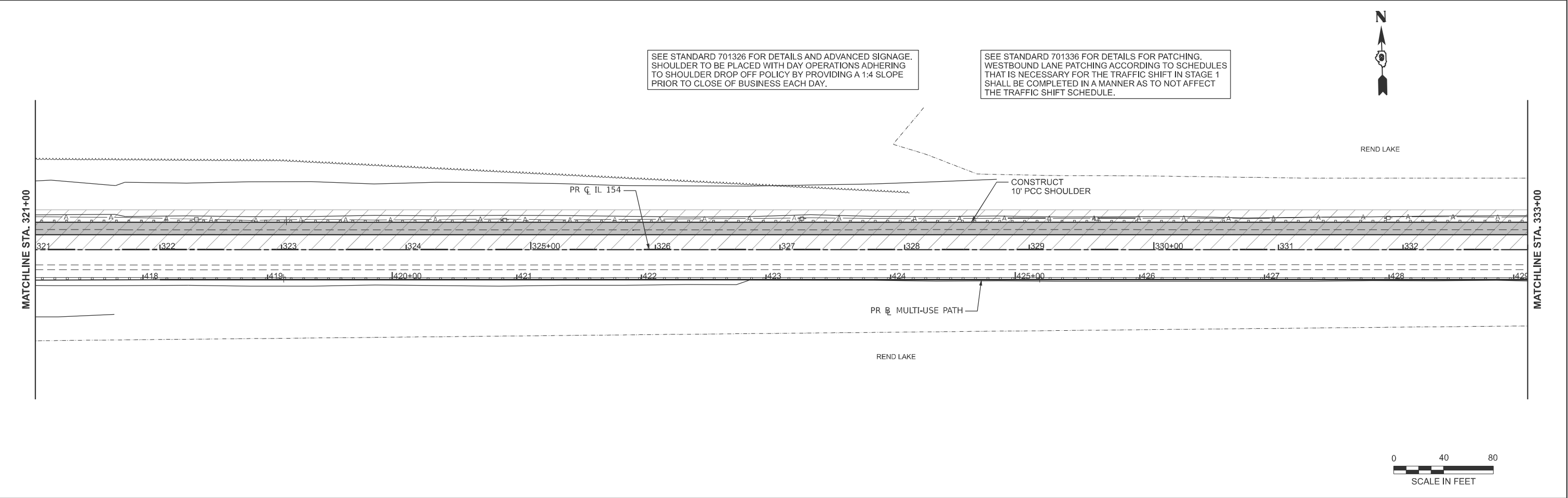
MAINTENANCE OF TRAFFIC PRE-STAGE
IL 154 & MULTI-USE PATH

SCALE: 1"=40' SHEET 1 OF 4 SHEETS STA. 306+00.00 TO STA. 321+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

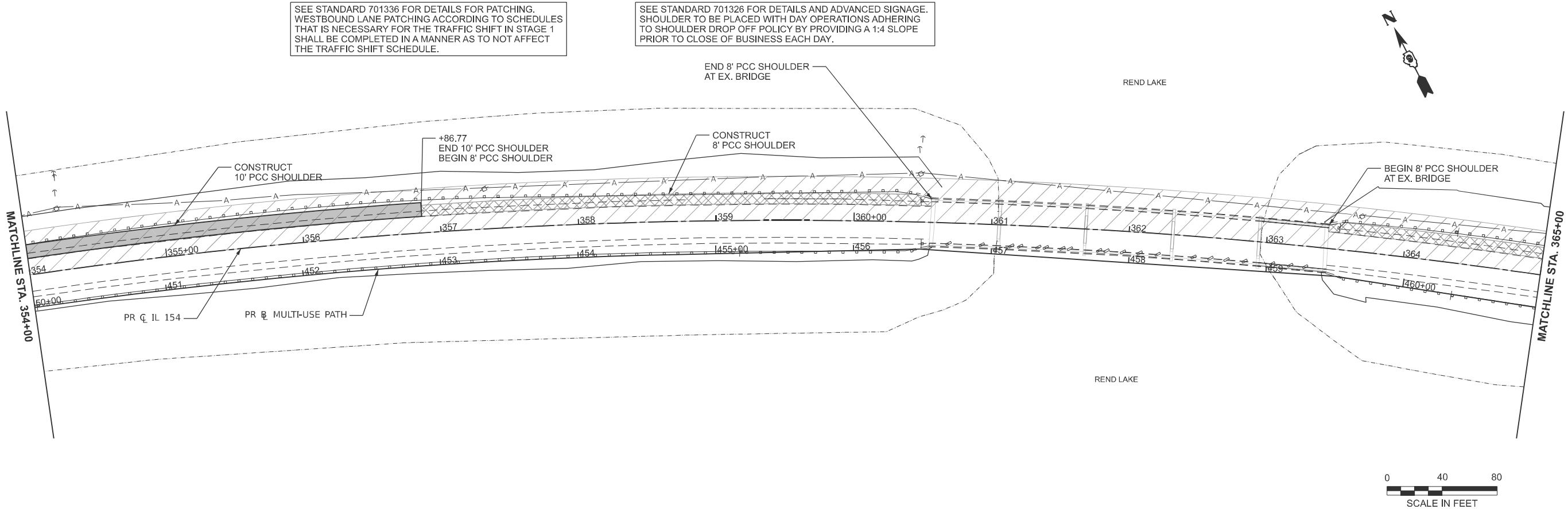
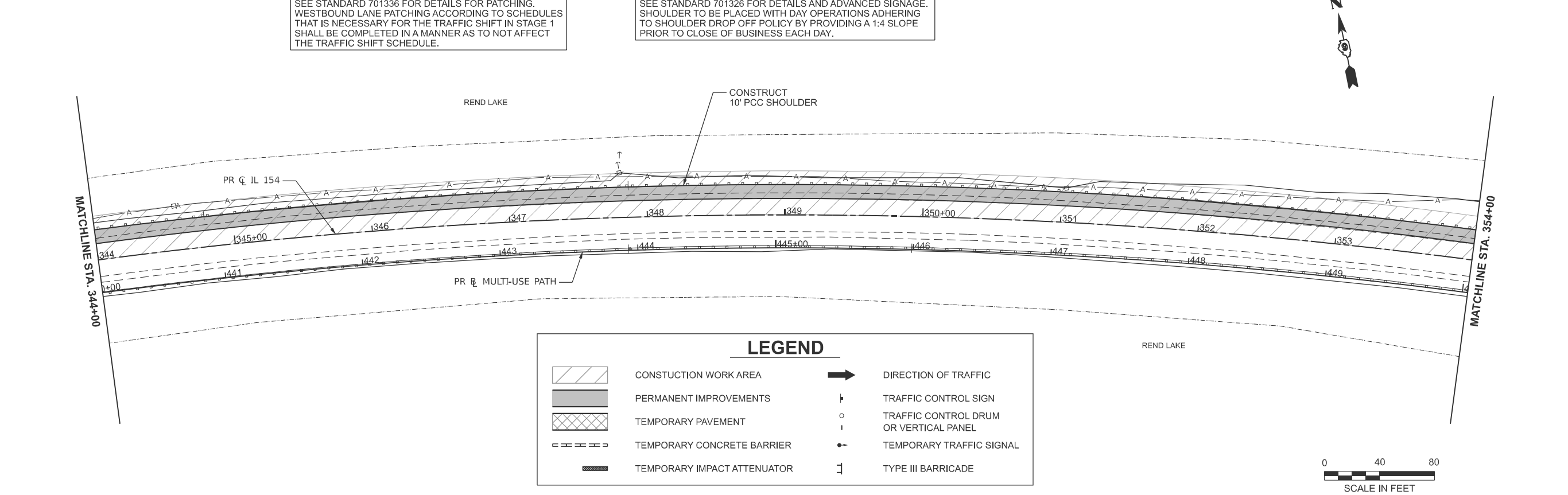


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	USER NAME = dhawes		DESIGNED - BB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PRE-STAGE IL 154 & MULTI-USE PATH			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CHECKED - DH	REVISED -					CONTRACT NO. 78786				
	PLOT DATE = 5/5/2025		DATE - 05/07/2025	REVISED -		SCALE: 1"=40'	SHEET 2	OF 4 SHEETS	STA. 321+00.00	TO STA. 344+00.00	ILLINOIS FED. AID PROJECT		

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USER NAME	= dhawes	DESIGNED -	BB	REVISED -	
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		CHECKED -	DH	REVISED -	
PLOT DATE	= 5/5/2025	DATE	= 05/07/2025	REVISED -	

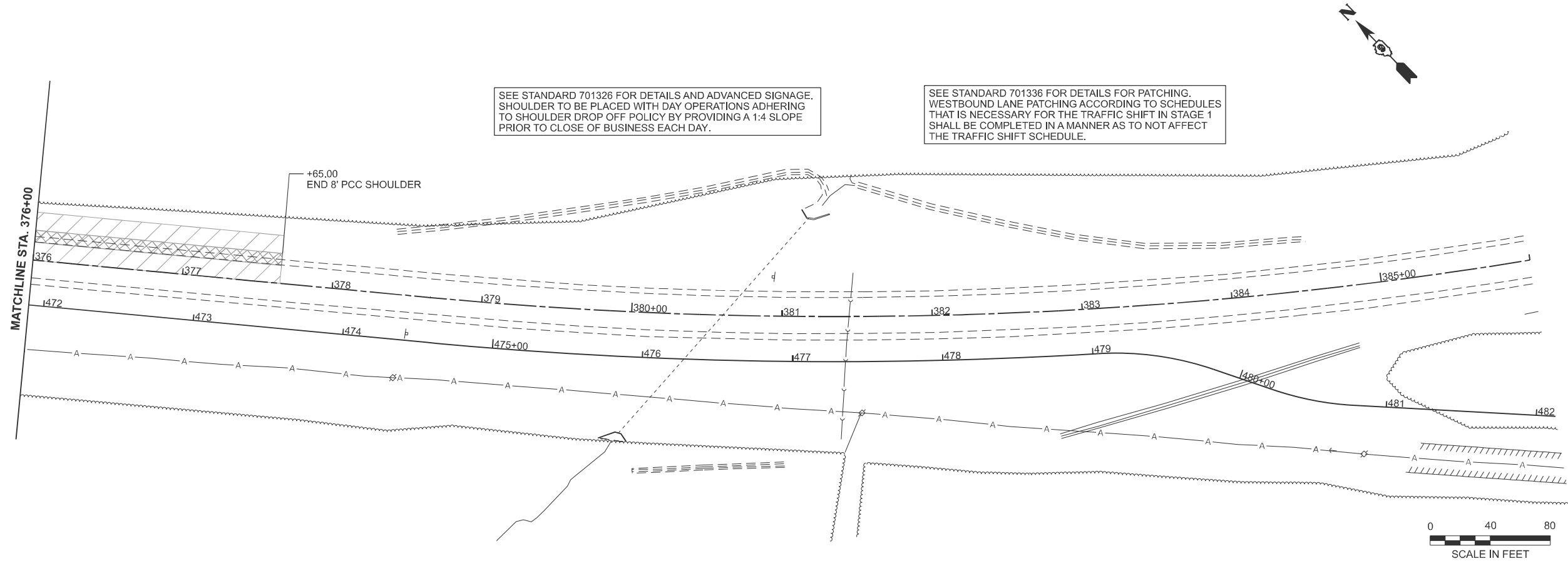
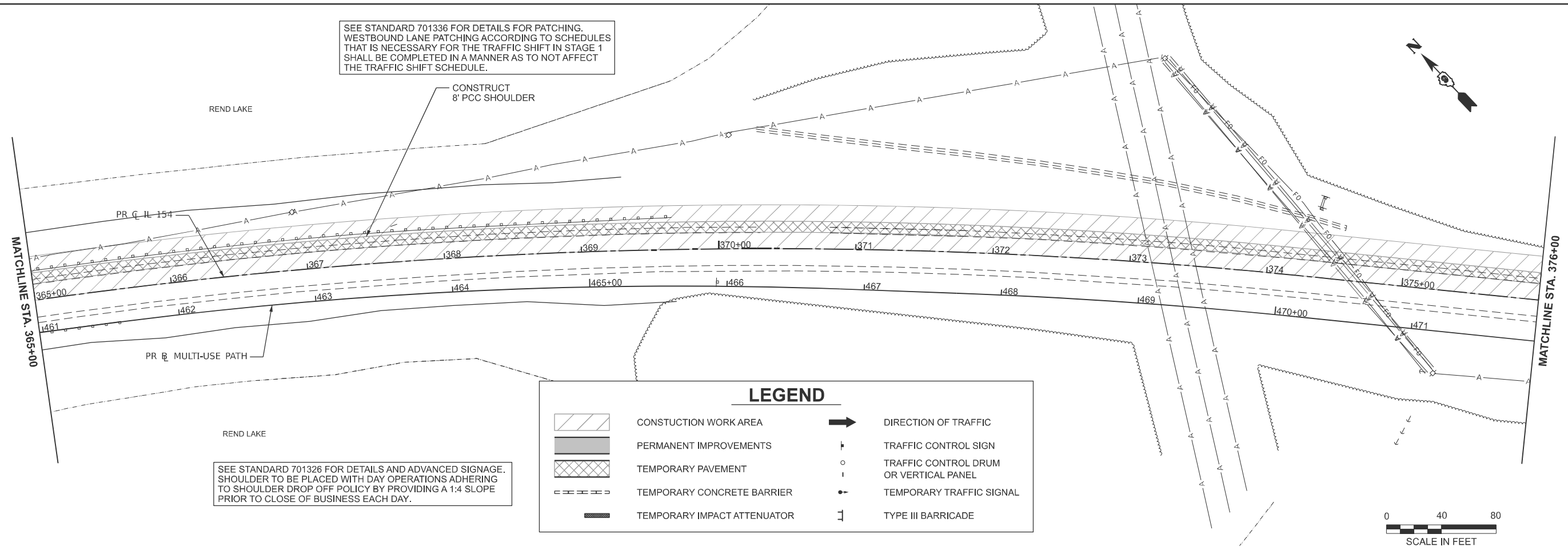
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

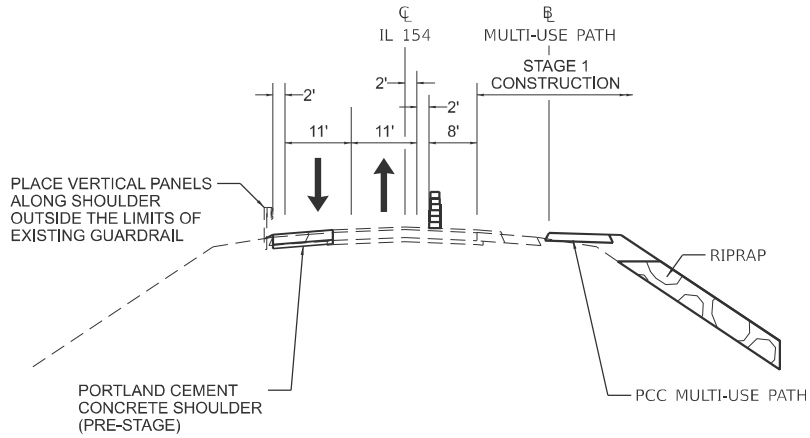
MAINTENANCE OF TRAFFIC PRE-STAGE
IL 154 & MULTI-USE PATH

SCALE: 1"=40' SHEET 3 OF 4 SHEETS STA. 344+00.00 TO STA. 366+00.00

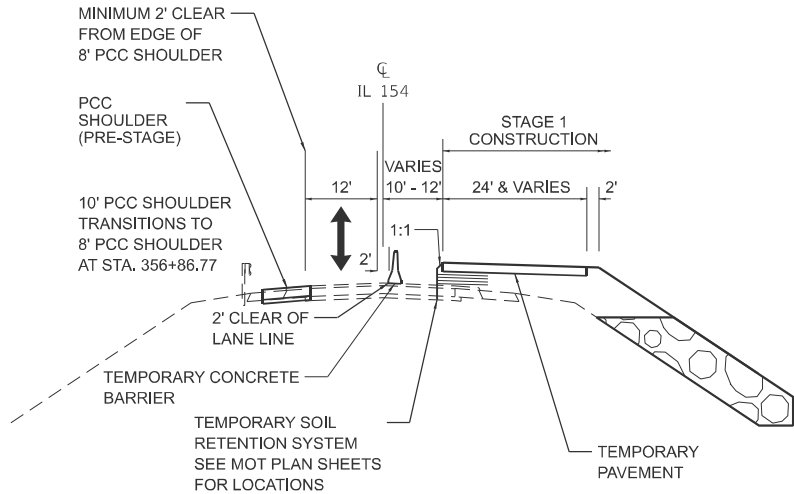
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CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

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IL 154
(LOOKING EAST)
STA. 303+40.00 - 350+86.50

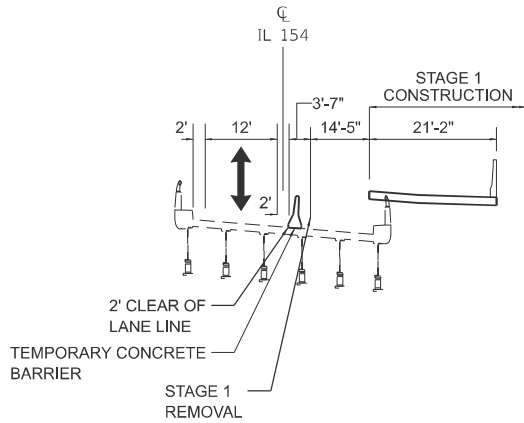


IL 154
(LOOKING EAST)
STA. 350+86.50 - 360+48.13
STA. 363+51.87 - 376+00.67

TRANSITION FROM TWO LANES TO ONE LANE
FROM STA. 350+86.50 TO 352+30.50
TRANSITION FROM ONE LANE TO TWO LANES
FROM 373+59.77 TO 376+00.67
SHIFT TO EXISTING LANES AT STA. 376+00.67

TEMPORARY PAVEMENT, 8 3/4"
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")
BITUMINOUS MATERIALS (TACK COAT)
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (7 1/4"; 3 1/4" TOP, 4" LOWER)
AGGREGATE BASE COURSE, TYPE A (VARIES)*
PAVED SHOULDER REMOVAL

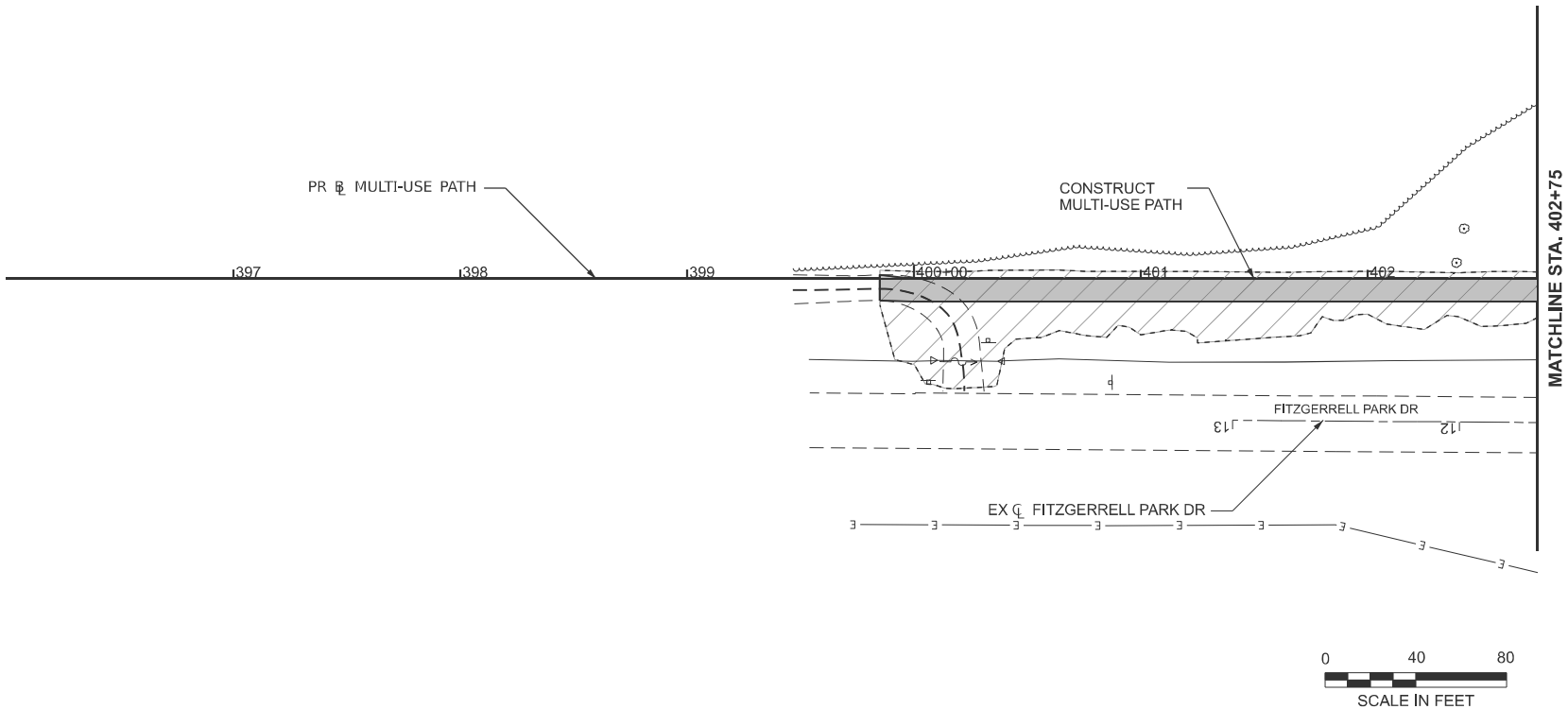
* AGGREGATE BASE COURSE, TYPE A, TO BE USED BETWEEN
THE PERMANENT AGGREGATE BASE AND THE 8 3/4" TEMPORARY PAVEMENT
TO ACCOUNT FOR THE DIFFERENCES IN THICKNESSES.
SEE ROADWAY TYPICAL SECTIONS FOR ADDITIONAL INFORMATION.



IL 154
(LOOKING EAST)
STA. 360+48.13 - 363+51.87

LEGEND

	CONSTRUCTION WORK AREA		DIRECTION OF TRAFFIC
	PERMANENT IMPROVEMENTS		TRAFFIC CONTROL SIGN
	TEMPORARY PAVEMENT		TRAFFIC CONTROL DRUM OR VERTICAL PANEL
	TEMPORARY CONCRETE BARRIER		TEMPORARY TRAFFIC SIGNAL
	TEMPORARY IMPACT ATTENUATOR		TYPE III BARRICADE



USER NAME = dhawes	DESIGNED - BB	REVISED -
	DRAWN - BB	REVISED -
	CHECKED - DH	REVISED -
PLOT DATE = 5/5/2025	DATE - 05/07/2025	REVISED -

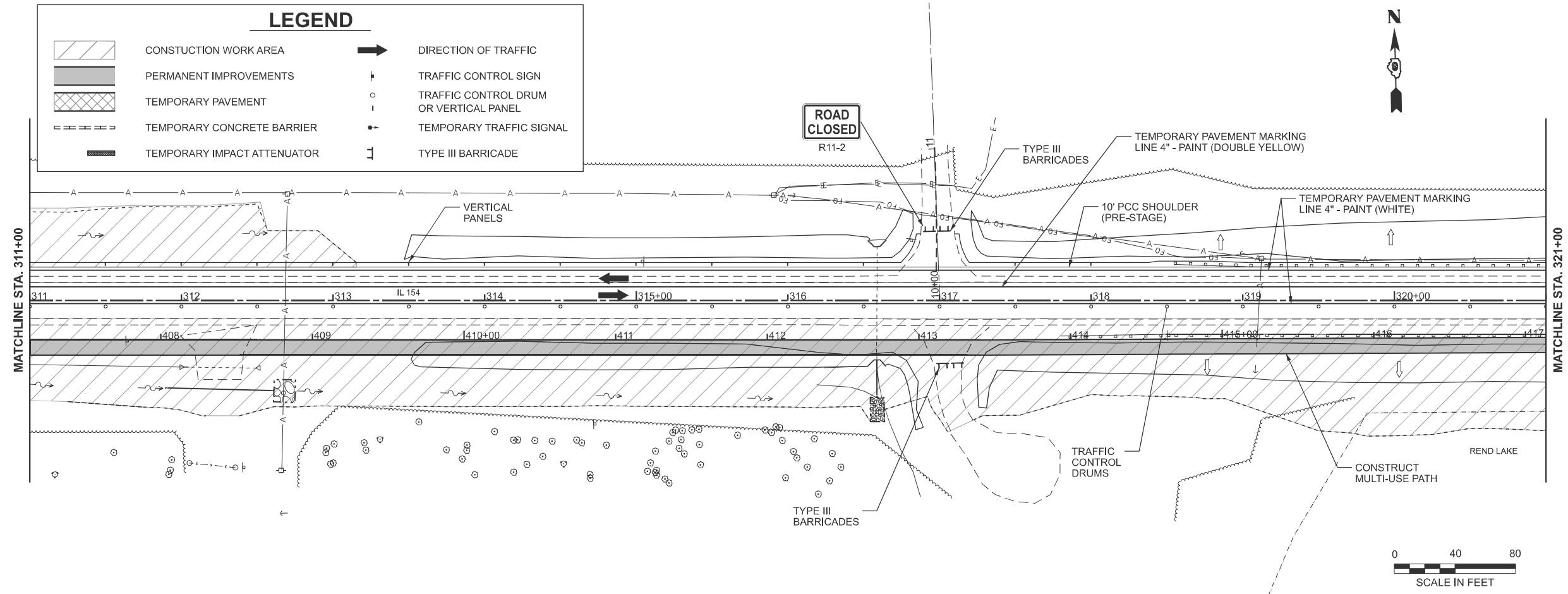
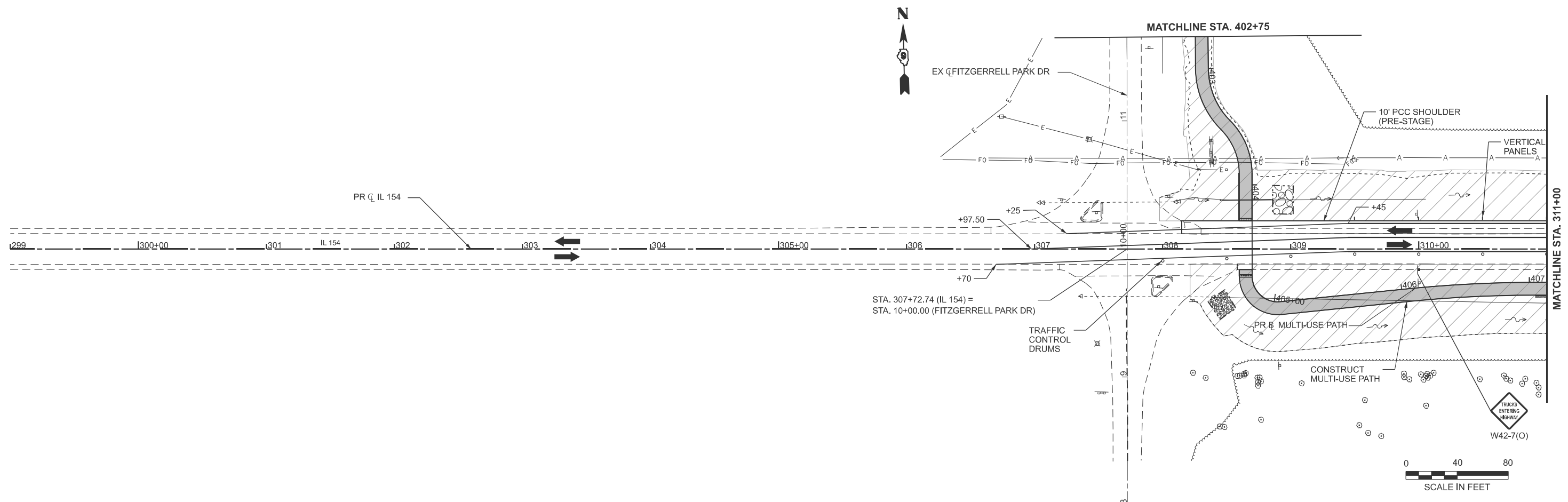
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE I
IL 154 & MULTI-USE PATH

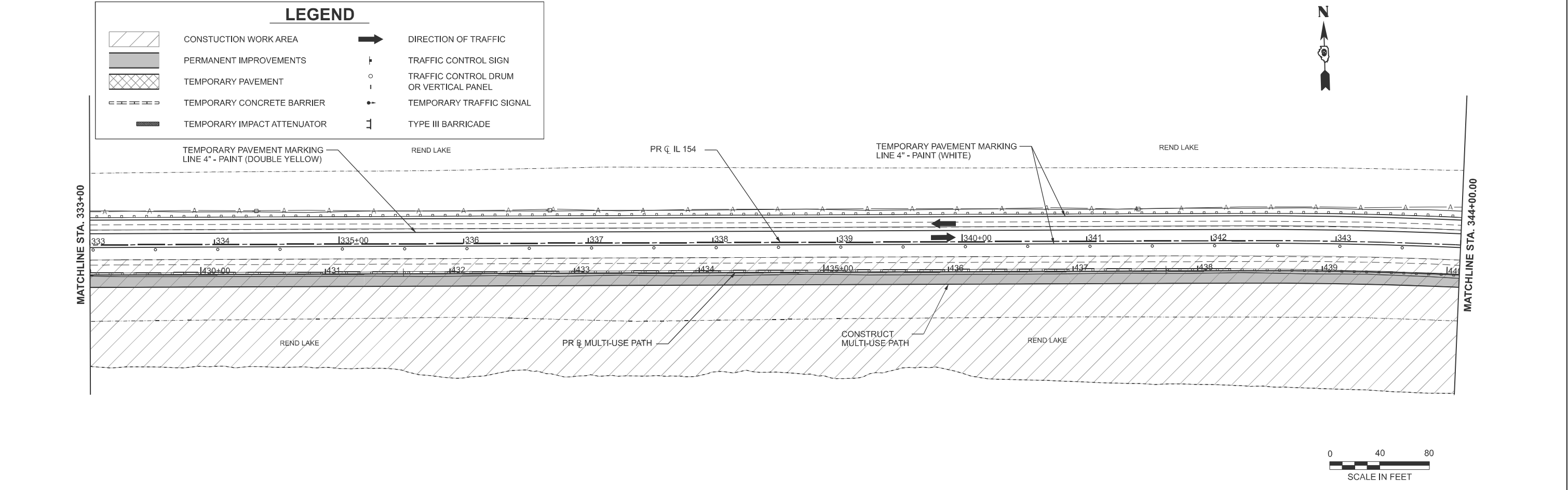
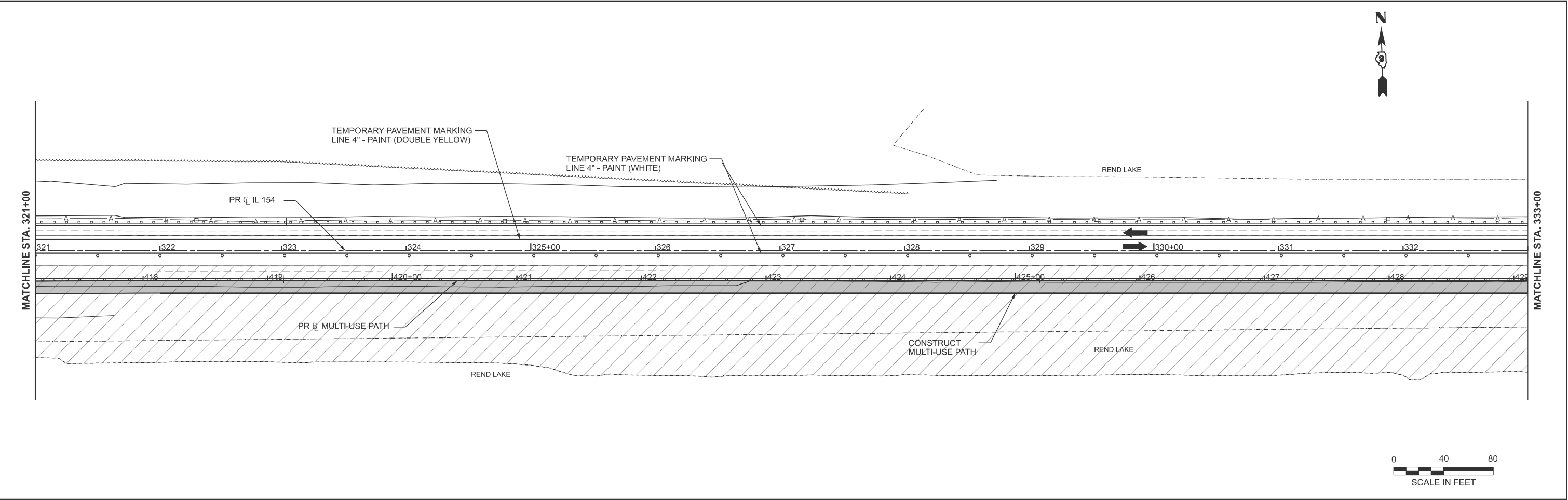
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112 (RS-4, BLP-1); 112B-4	FRANKLIN	406	111
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

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LEGEND

CONSTRUCTION WORK AREA

PERMANENT IMPROVEMENTS

TEMPORARY PAVEMENT

TEMPORARY CONCRETE BARRIER

TEMPORARY IMPACT ATTENUATOR

DIRECTION OF TRAFFIC

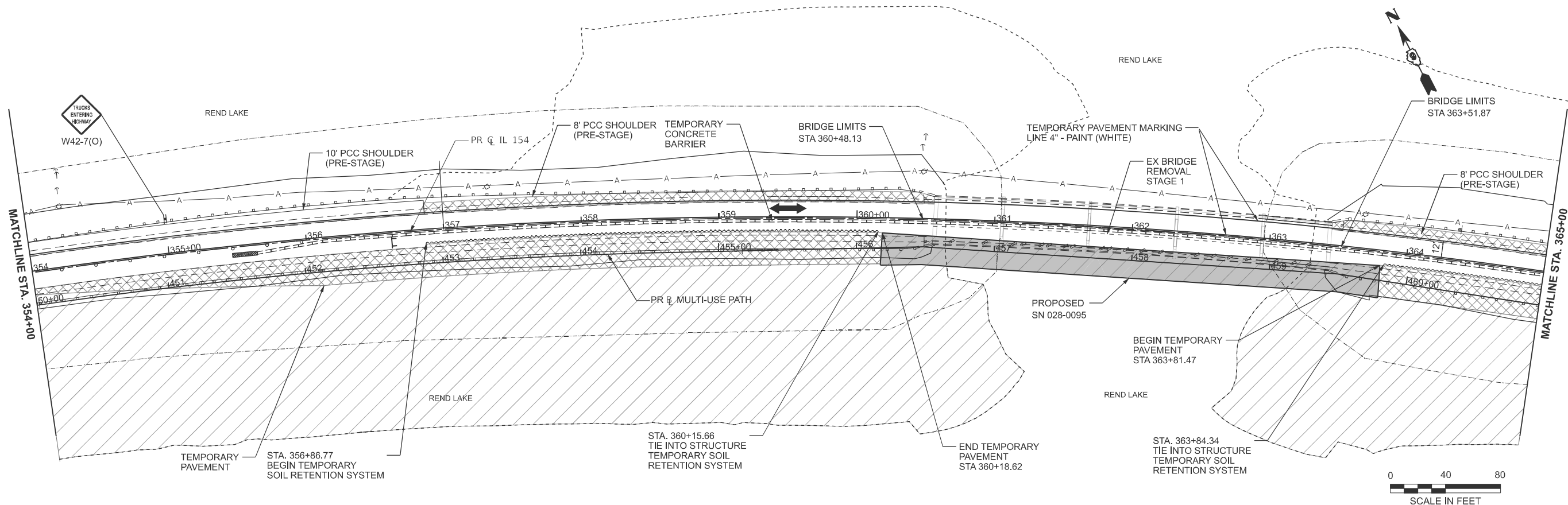
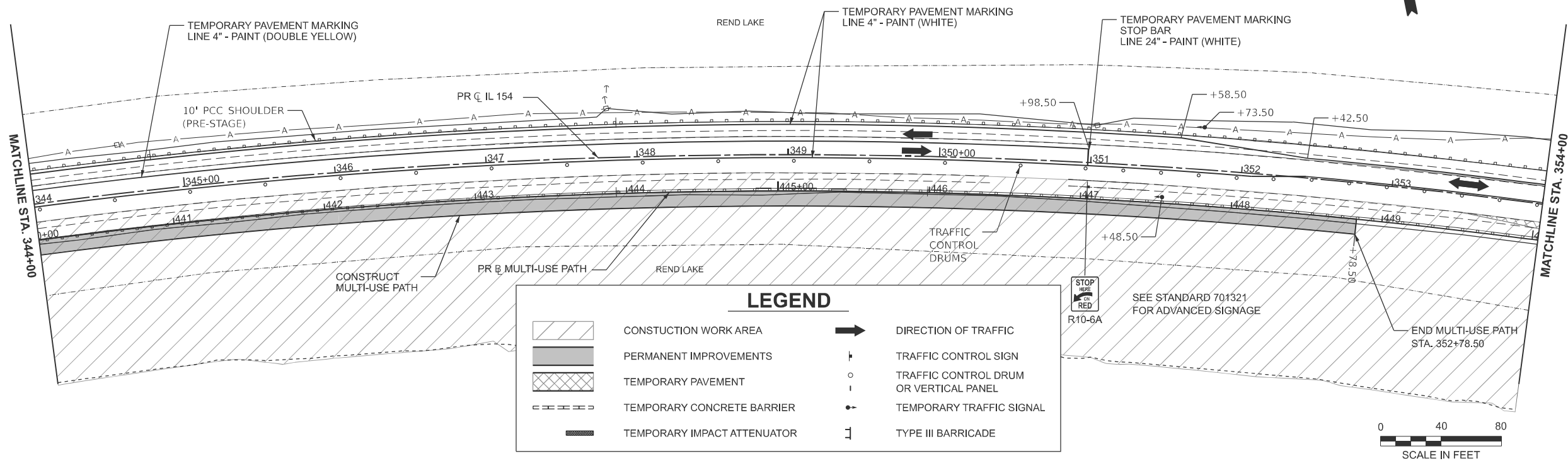
TRAFFIC CONTROL SIGN

TRAFFIC CONTROL DRUM OR VERTICAL PANEL

TEMPORARY TRAFFIC SIGNAL

TYPE III BARRICADE

BFW ENGINEERING & CONSULTING	USER NAME = dhawes	DESIGNED - BB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE I IL 154 & MULTI-USE PATH					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BB	REVISED -							845	112 (RS-4, BLP-1); 112B-4	FRANKLIN	406	113
		CHECKED - DH	REVISED -							CONTRACT NO. 78786				
	PLOT DATE = 5/5/2025	DATE - 05/07/2025	REVISED -		SCALE: 1"=40'		SHEET 3	OF 6	SHEETS	STA. 321+00.00		TO STA. 344+00.00		
	ILLINOIS FED. AID PROJECT													



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ENGINEERING
& CONSULTING

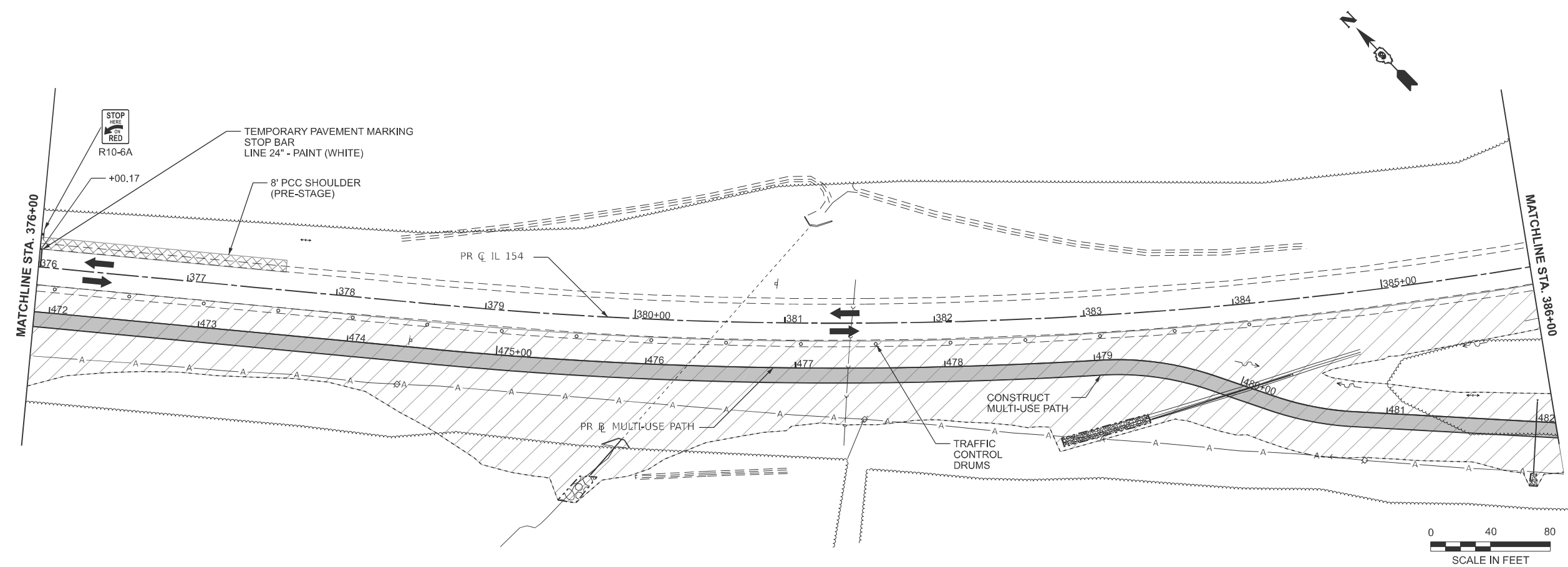
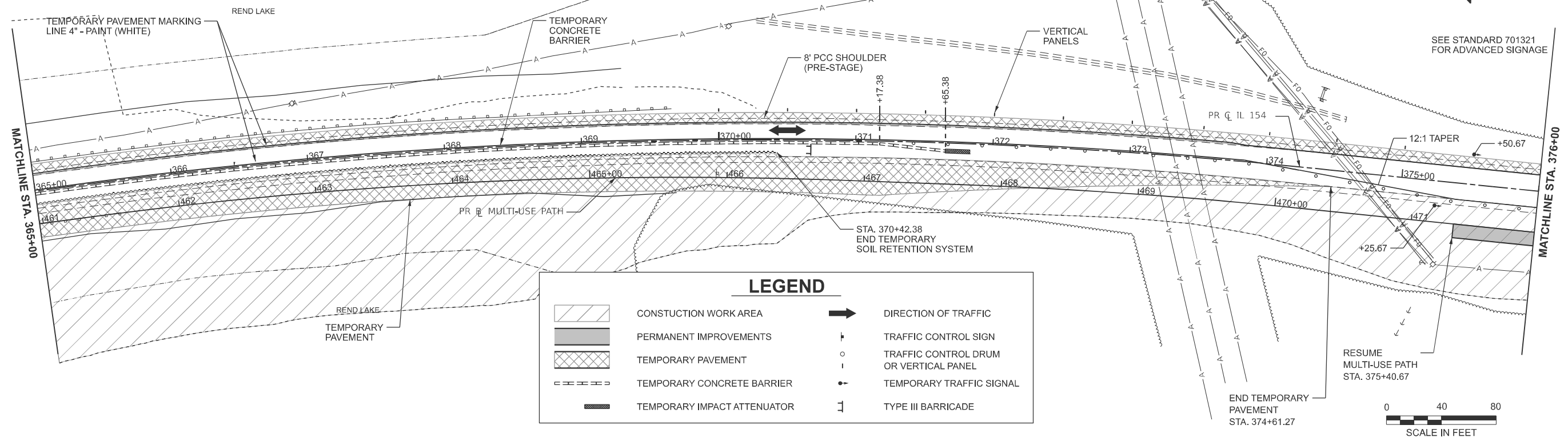
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		CHECKED -	DH	REVISED -	
PLOT DATE	= 5/5/2025	DATE	= 05/07/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE I
IL 154 & MULTI-USE PATH

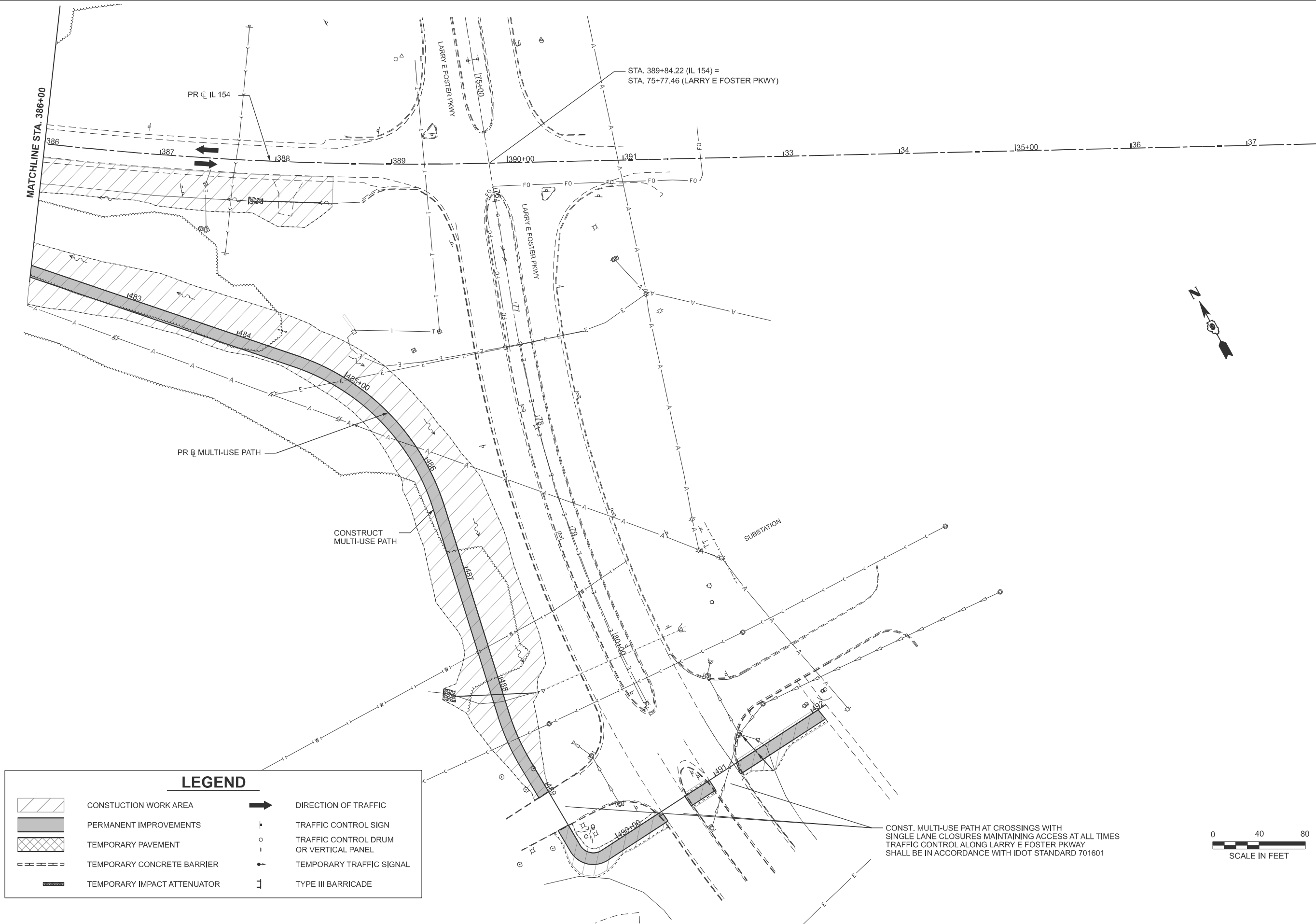
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112 (RS-4, BLP-1); 112B-4	FRANKLIN	406	114
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



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CONSTRUCTION WORK AREA

PERMANENT IMPROVEMENTS

TEMPORARY PAVEMENT

TEMPORARY CONCRETE BARRIER

TEMPORARY IMPACT ATTENUATOR

DIRECTION OF TRAFFIC

TRAFFIC CONTROL SIGN

TRAFFIC CONTROL DRUM OR VERTICAL PANEL

TEMPORARY TRAFFIC SIGNAL

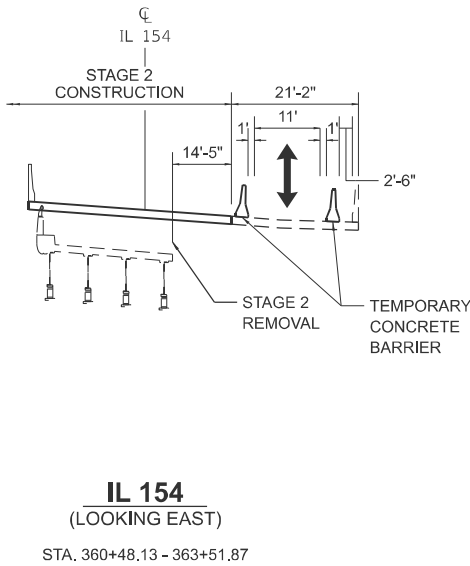
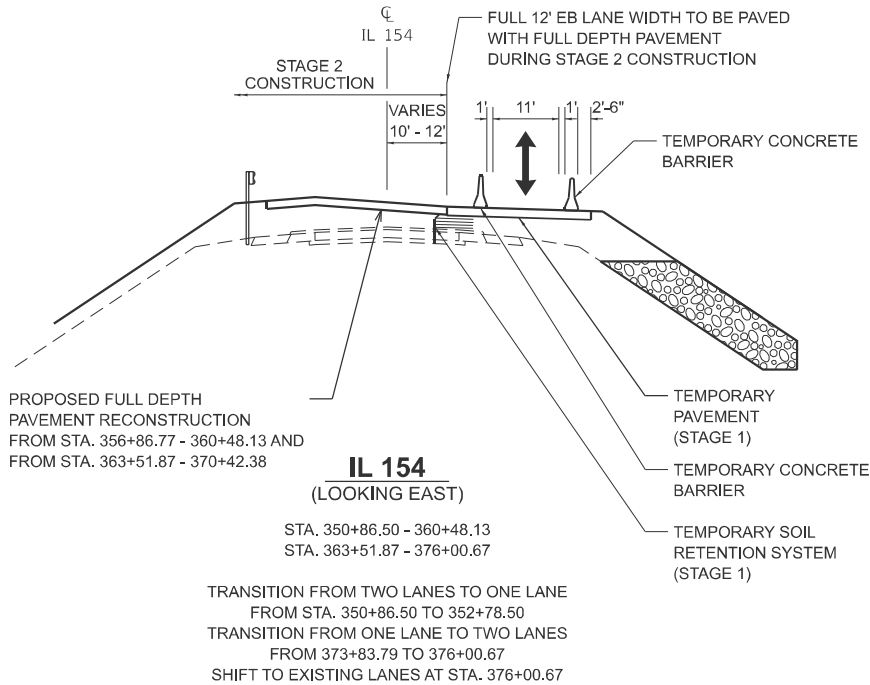
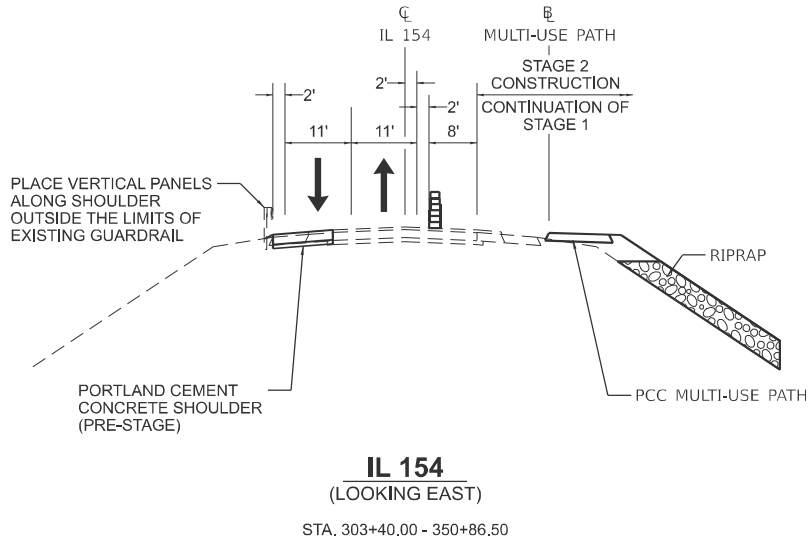
TYPE III BARRICADE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE I
IL 154 & MULTI-USE PATH

SCALE: 1"=40' SHEET 6 OF 6 SHEETS STA. 386+00.00 TO STA. 37+61.25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112 (RS-4, BLP-1); 112B-4	FRANKLIN	406	116
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



CONSTRUCTION WORK AREA

PERMANENT IMPROVEMENTS

TEMPORARY PAVEMENT

TEMPORARY CONCRETE BARRIER

TEMPORARY IMPACT ATTENUATOR

DIRECTION OF TRAFFIC

TRAFFIC CONTROL SIGN

TRAFFIC CONTROL DRUM OR VERTICAL PANEL

TEMPORARY TRAFFIC SIGNAL

TYPE III BARRICADE

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BFW

ENGINEERING & CONSULTING

USER NAME = dhawes

DESIGNED - BB

DRAWN - BB

CHECKED - DH

PLOT DATE = 5/5/2025

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE II

IL 154 & MULTI-USE PATH

SCALE: 1"=40'

SHEET 1 OF 6 SHEETS

STA. 396+00.00 TO STA. 402+75.00

F.A.P. RTE. 845

SECTION 112 (RS-4, BLP-1); 112B-4

COUNTY FRANKLIN

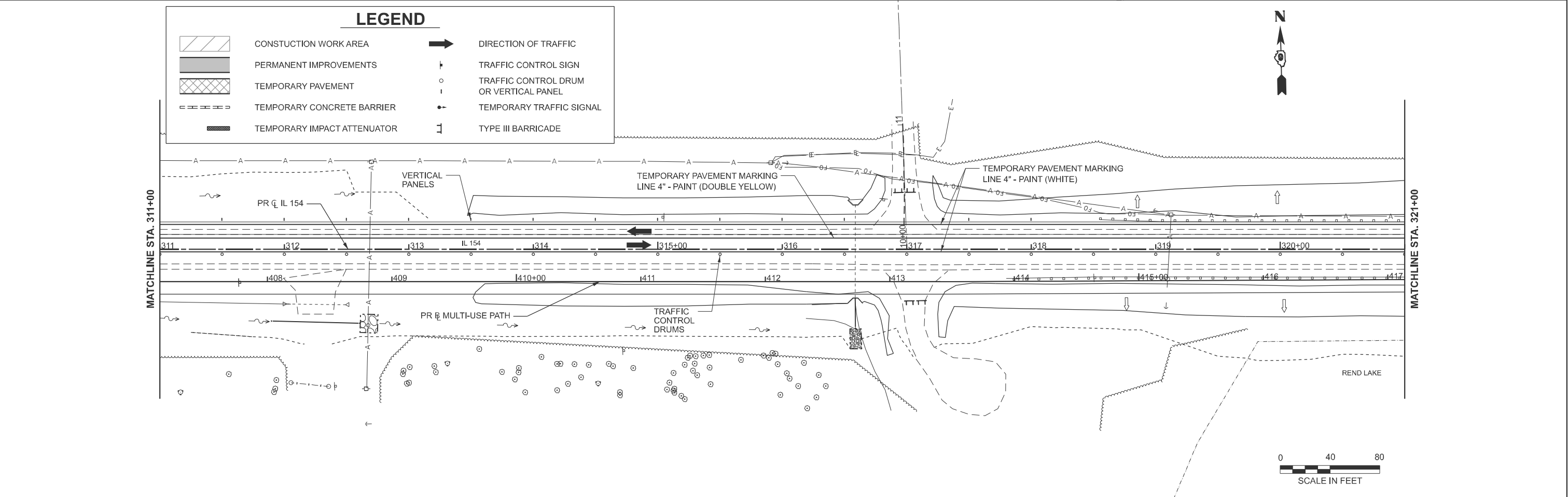
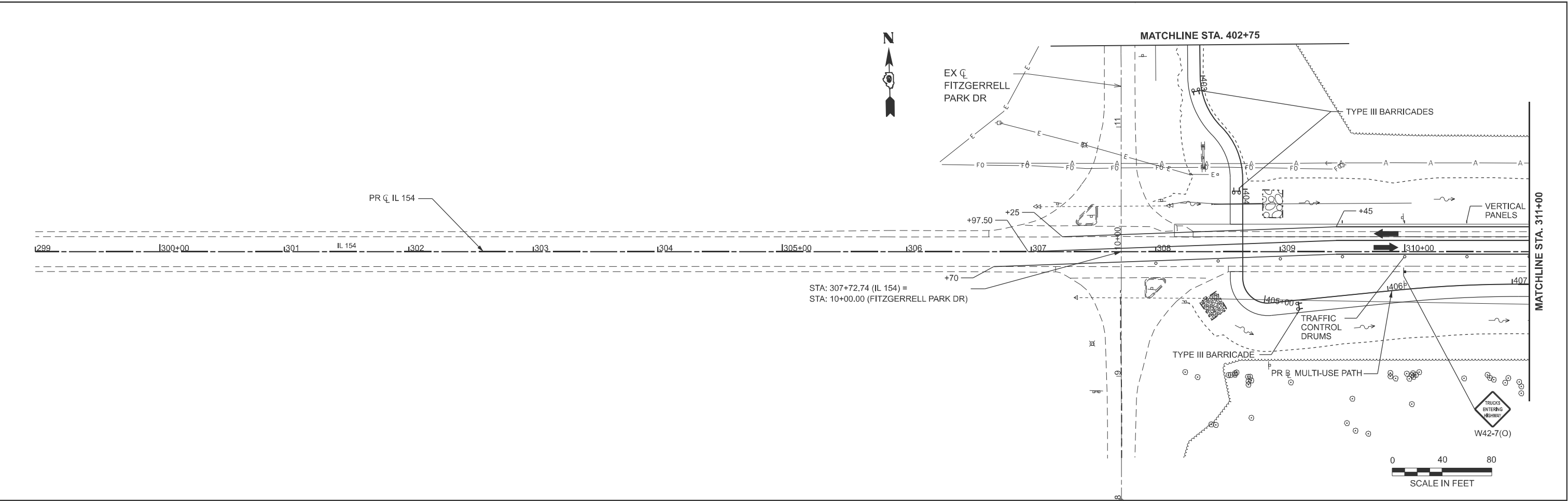
TOTAL SHEETS 406

SHEET NO. 117

CONTRACT NO. 78786

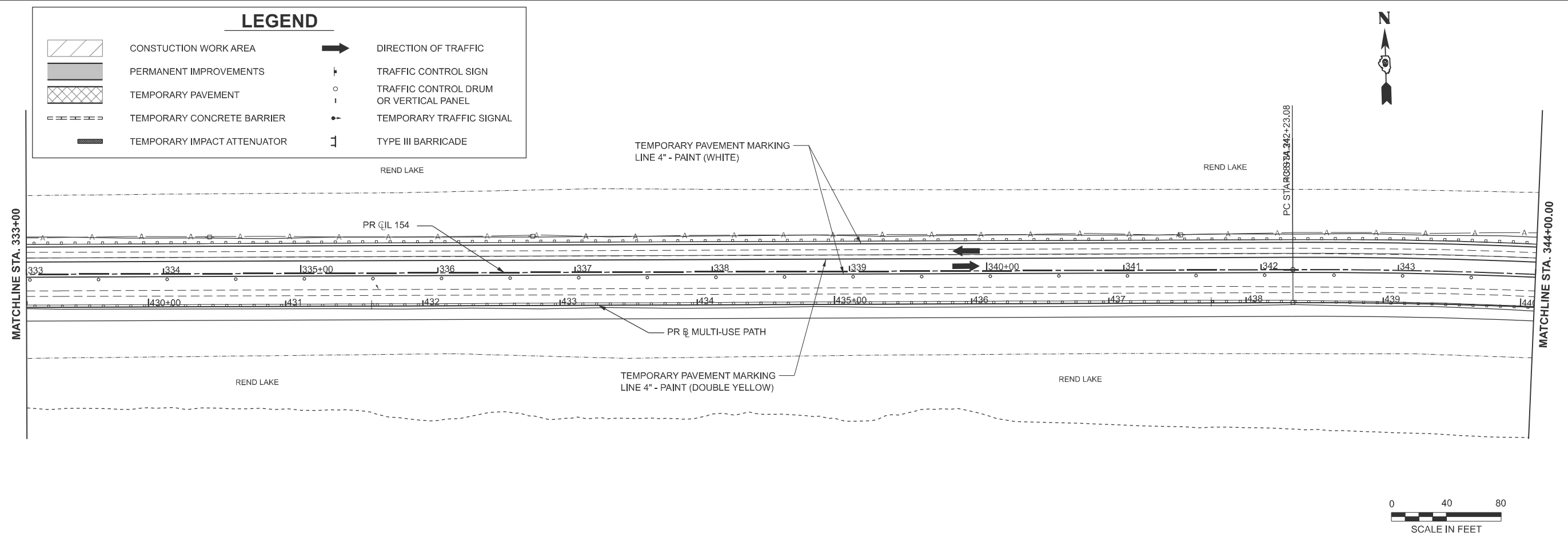
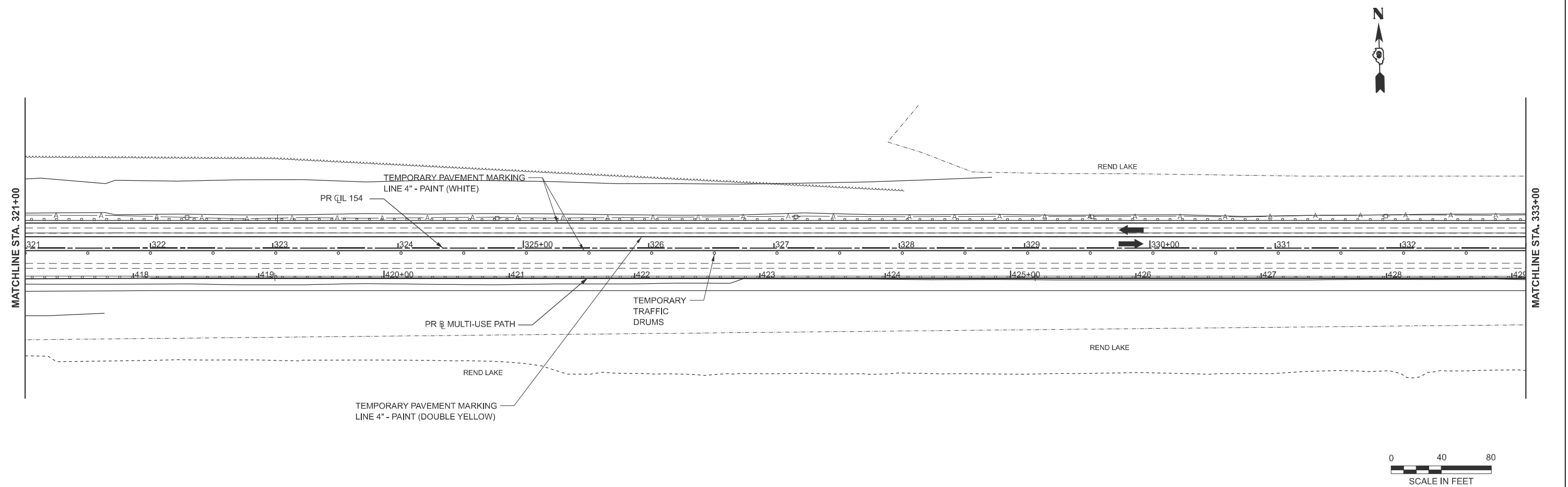
ILLINOIS FED. AID PROJECT

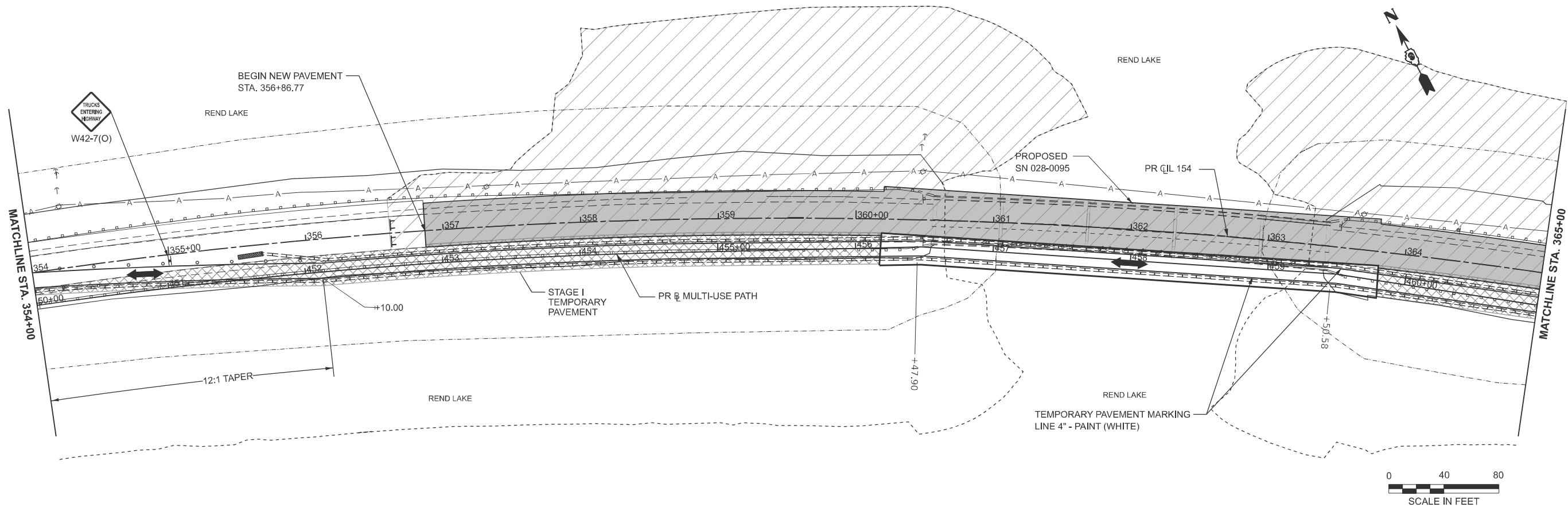
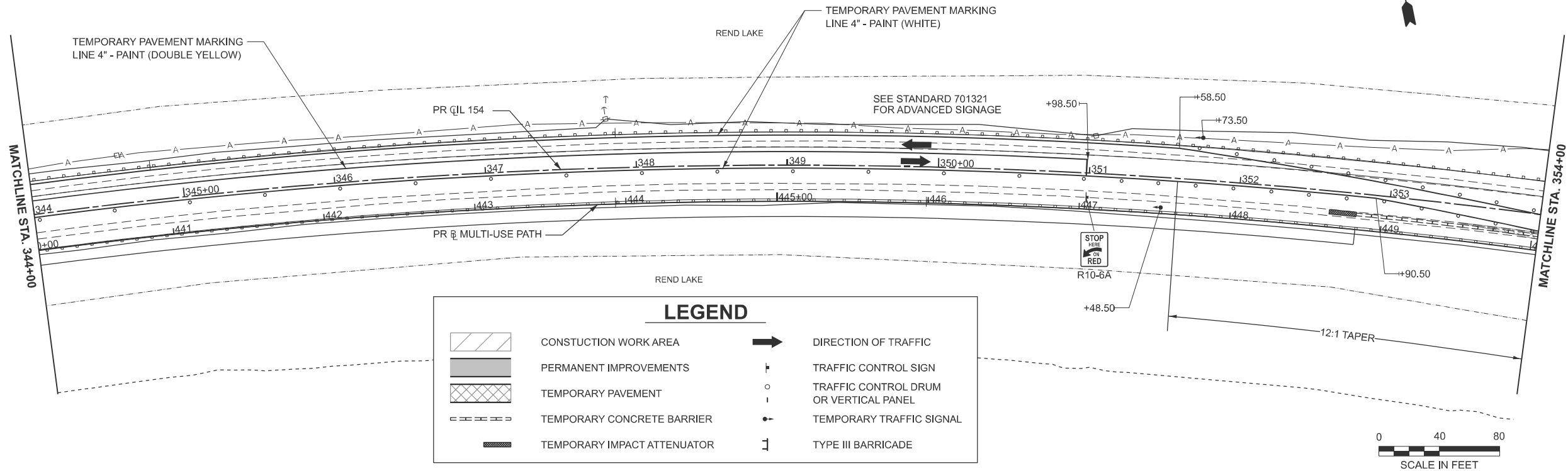
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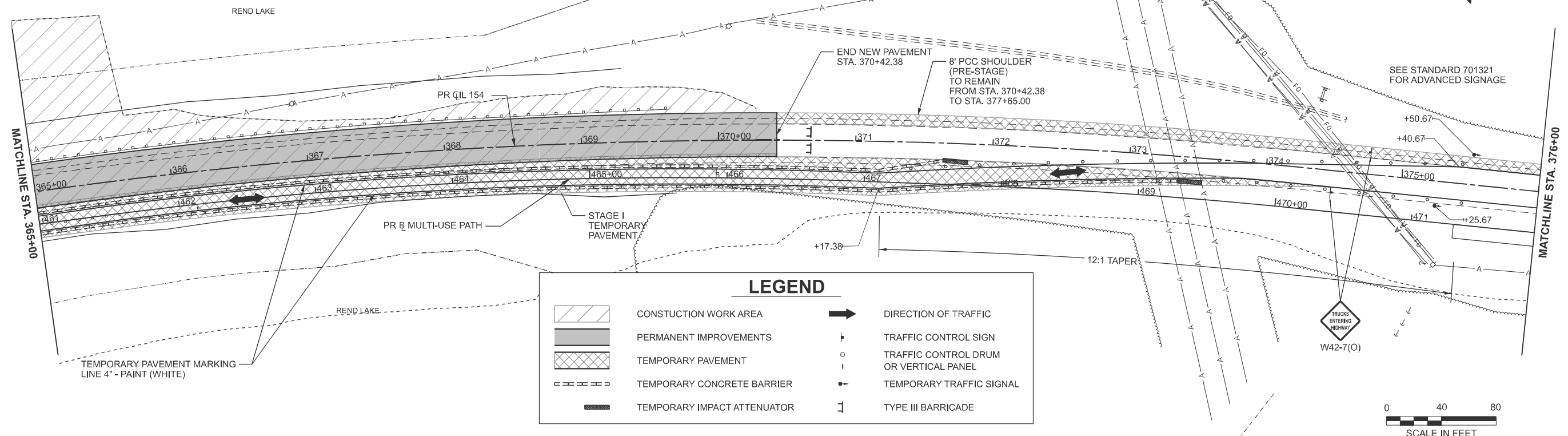
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	CONSTRUCTION WORK AREA		DIRECTION OF TRAFFIC
	PERMANENT IMPROVEMENTS		TRAFFIC CONTROL SIGN
	TEMPORARY PAVEMENT		TRAFFIC CONTROL DRUM OR VERTICAL PANEL
	TEMPORARY CONCRETE BARRIER		TEMPORARY TRAFFIC SIGNAL
	TEMPORARY IMPACT ATTENUATOR		TYPE III BARRICADE

	USER NAME = dhawes		DESIGNED - BB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE II IL 154 & MULTI-USE PATH			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BB		REVISIONS -	REVISED -		SCALE: 1"=40'			845	112 (RS-4, BLP-1); 112B-4	FRANKLIN	406	118
	CHECKED - DH		REVISIONS -	REVISED -		SHEET 2 OF 6 SHEETS			CONTRACT NO. 78786				
	PLOT DATE = 5/5/2025		DATE - 05/07/2025	REVISED -		STA. 299+00.00 TO STA. 321+00.00			ILLINOIS FED. AID PROJECT				





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CONSTRUCTION WORK AREA

PERMANENT IMPROVEMENTS

TEMPORARY PAVEMENT

TEMPORARY CONCRETE BARRIER

TEMPORARY IMPACT ATTENUATOR

DIRECTION OF TRAFFIC

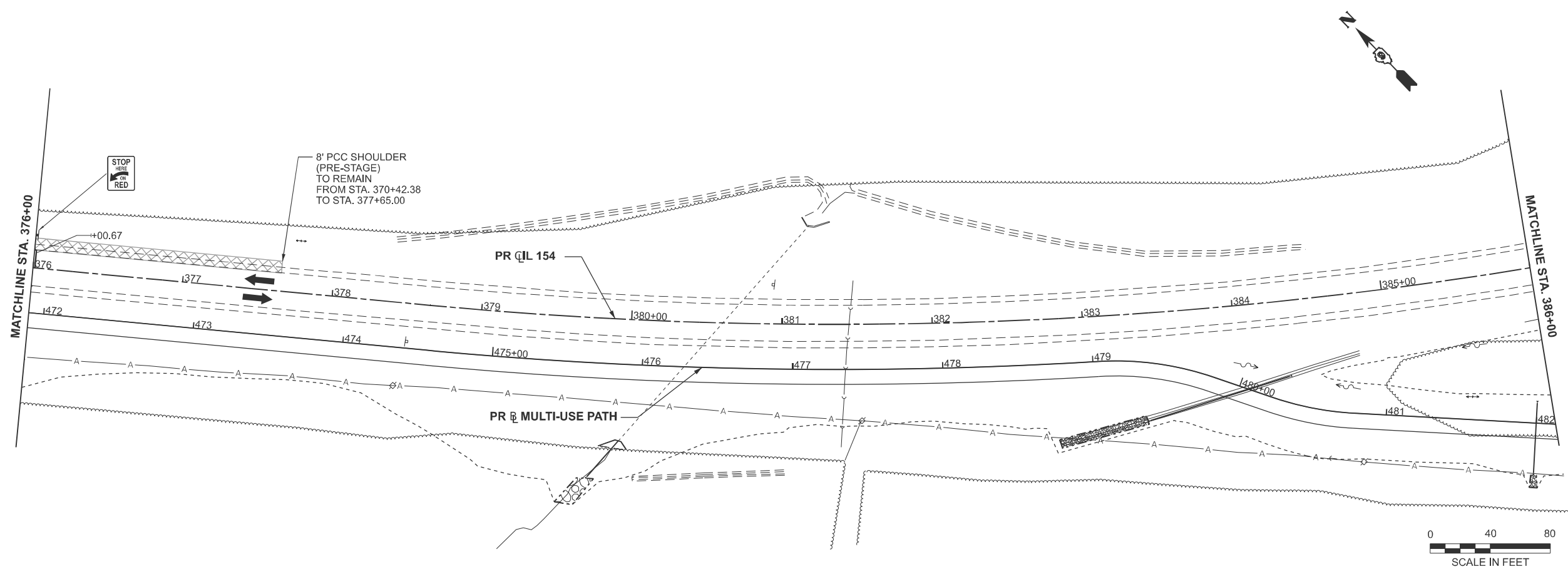
TRAFFIC CONTROL SIGN

TRAFFIC CONTROL DRUM OR VERTICAL PANEL

TEMPORARY TRAFFIC SIGNAL

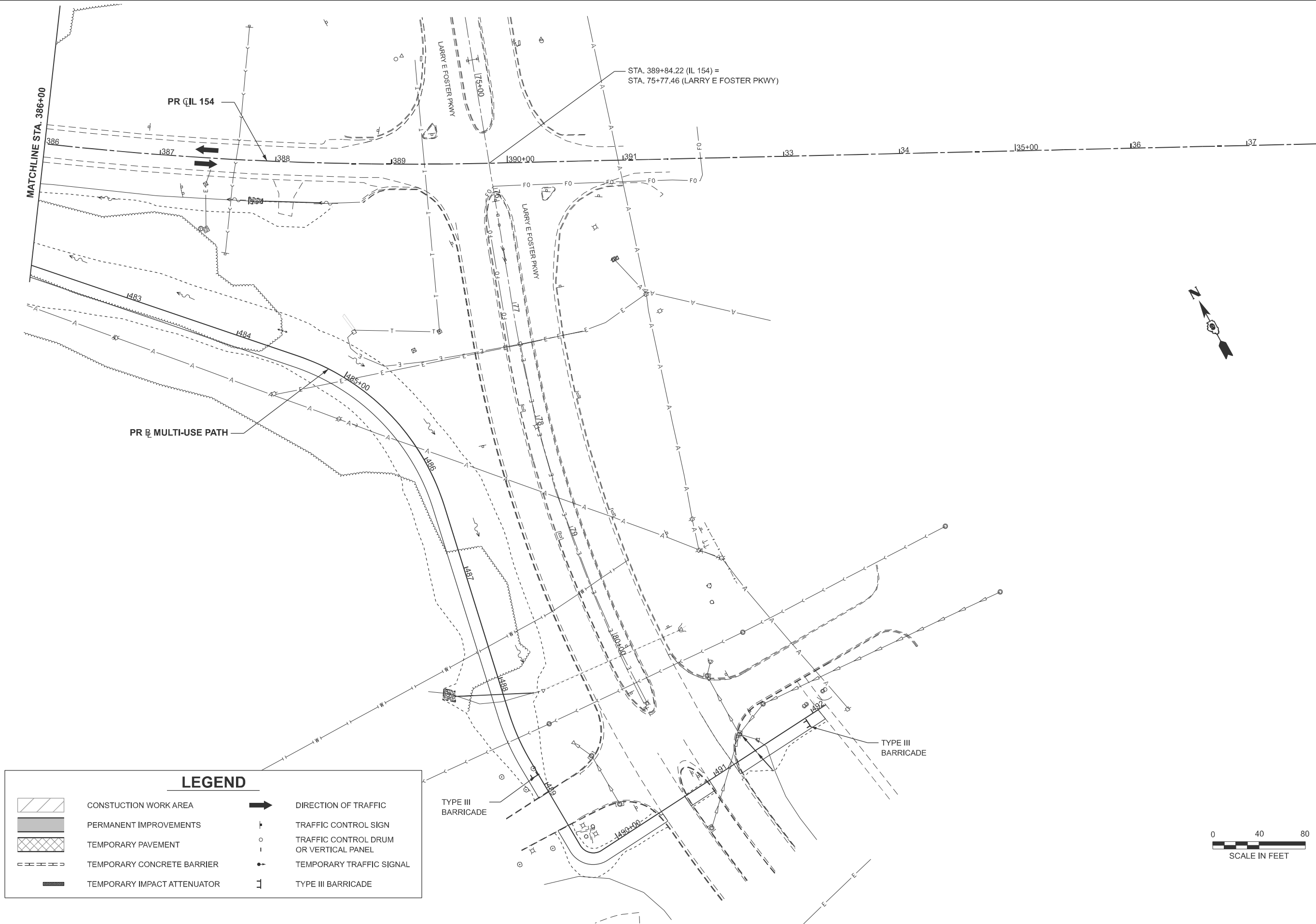
TYPE III BARRICADE

LEGEND



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ENGINEERING
& CONSULTING

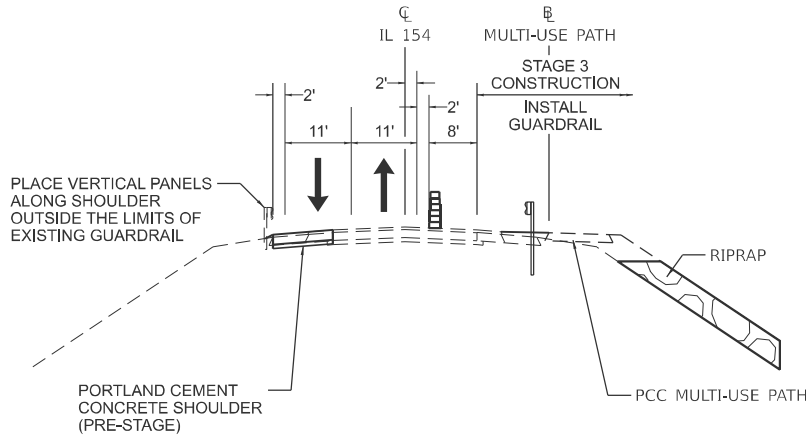
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		CHECKED -	DH	REVISED -	
PLOT DATE	= 5/5/2025	DATE	= 05/07/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE II
IL 154 & MULTI-USE PATH

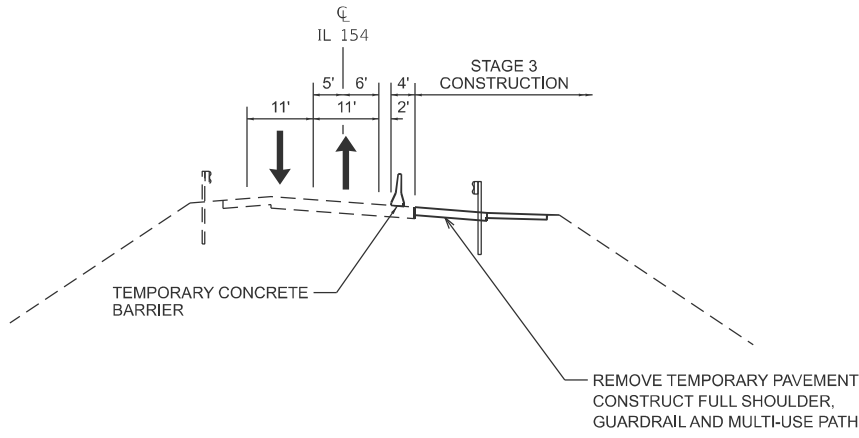
SCALE: 1"=40' SHEET 6 OF 6 SHEETS STA. 386+00.00 R4 TO STA. 37+61.25 R5

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112 (RS-4, BLP-1); 112B-4	FRANKLIN	406	122
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



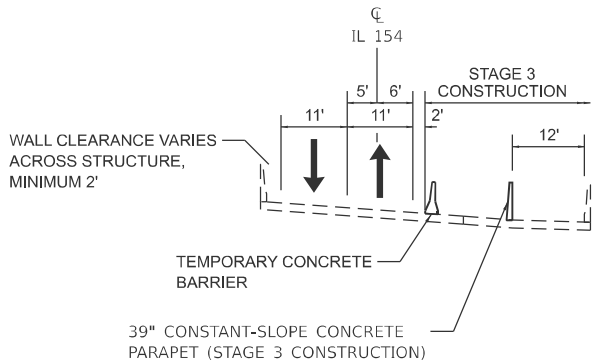
IL 154
(LOOKING EAST)

STA. 303+40.00 - 352+78.50



IL 154
(LOOKING EAST)

STA. 352+78.50 - 360+48.13
STA. 363+51.87 - 375+40.67
LANE SHIFT FROM STA. 355+70.00 TO 356+80.00
SHIFT TO EXISTING LANES FROM STA. 376+00.00 TO 377+65.00



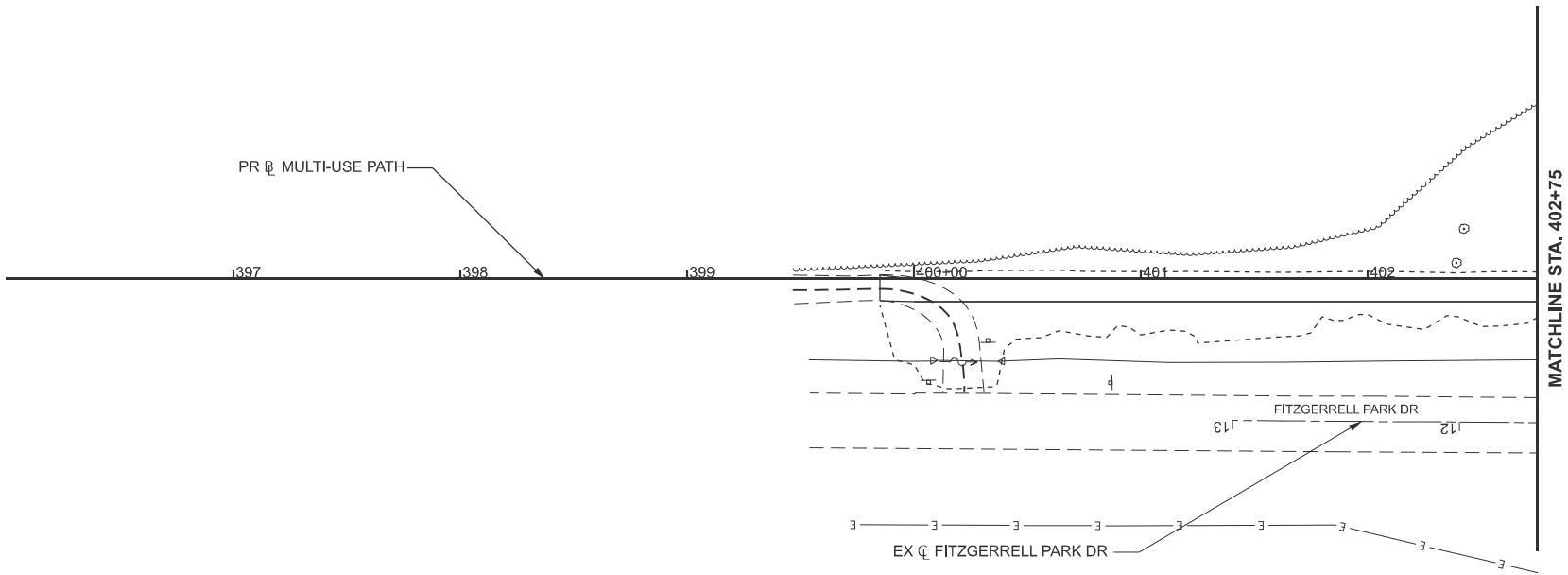
IL 154
(LOOKING EAST)

STA. 360+48.13 - 363+51.87
(BRIDGE STRUCTURE AT ABUTMENTS)

LEGEND

	CONSTRUCTION WORK AREA		DIRECTION OF TRAFFIC
	PERMANENT IMPROVEMENTS		TRAFFIC CONTROL SIGN
	TEMPORARY PAVEMENT		TRAFFIC CONTROL DRUM OR VERTICAL PANEL
	TEMPORARY CONCRETE BARRIER		TEMPORARY TRAFFIC SIGNAL
	TEMPORARY IMPACT ATTENUATOR		TYPE III BARRICADE

SEE MAINTENANCE OF TRAFFIC NOTES
FOR SUGGESTED POST-STAGE CONSTRUCTION



0 40 80
SCALE IN FEET



USER NAME = dhawes	DESIGNED - BB	REVISED -
	DRAWN - BB	REVISED -
	CHECKED - DH	REVISED -
PLOT DATE = 5/5/2025	DATE - 05/07/2025	REVISED -

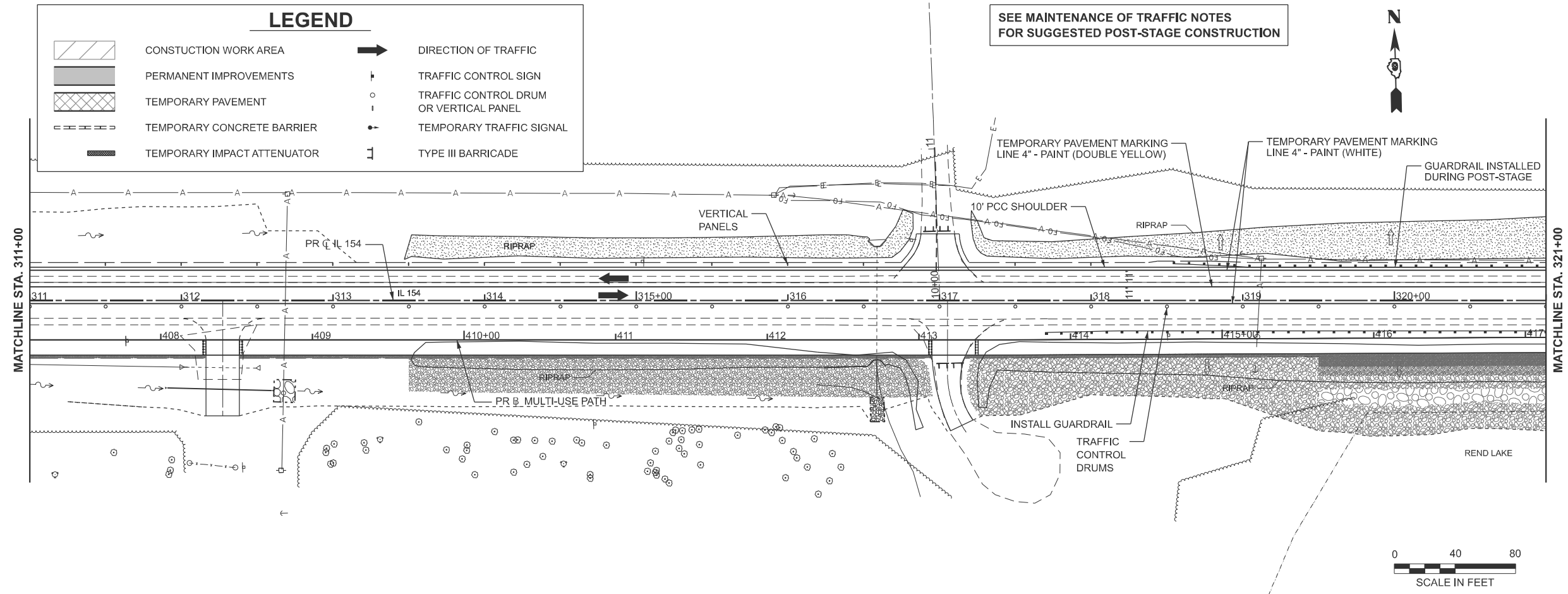
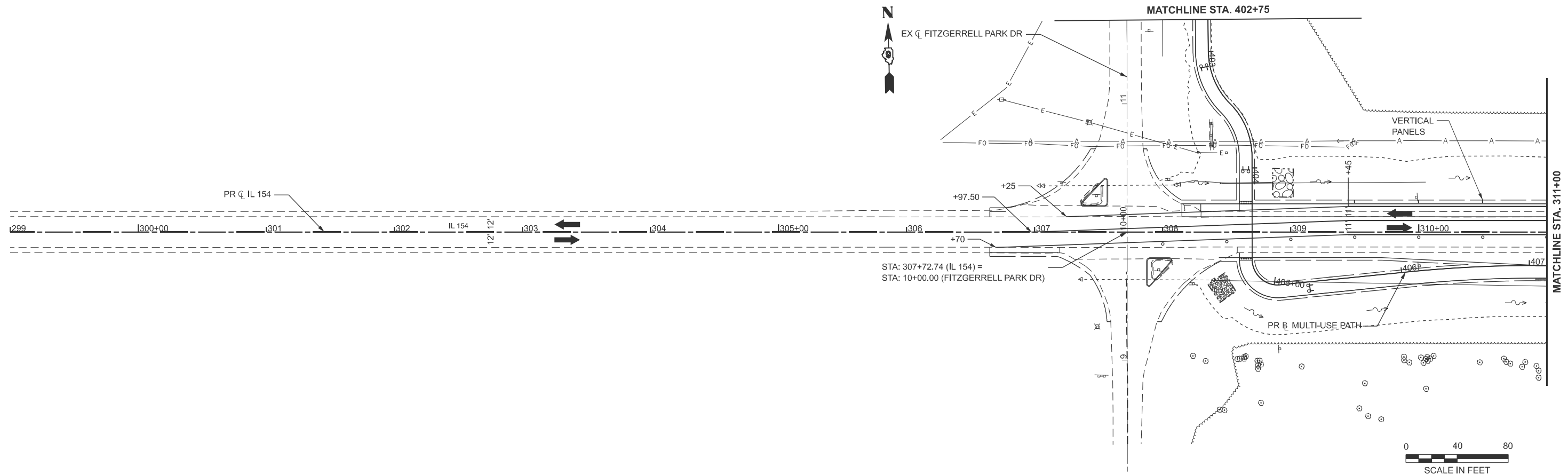
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE III
IL 154 & MULTI-USE PATH

SCALE: 1"=40' SHEET 1 OF 6 SHEETS STA. 396+00.00 TO STA. 402+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112 (RS-4, BLP-1); 112B-4	FRANKLIN	406	123
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

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LEGEND

CONSTRUCTION WORK AREA

PERMANENT IMPROVEMENTS

TEMPORARY PAVEMENT

TEMPORARY CONCRETE BARRIER

TEMPORARY IMPACT ATTENUATOR

DIRECTION OF TRAFFIC

TRAFFIC CONTROL SIGN

TRAFFIC CONTROL DRUM OR VERTICAL PANEL

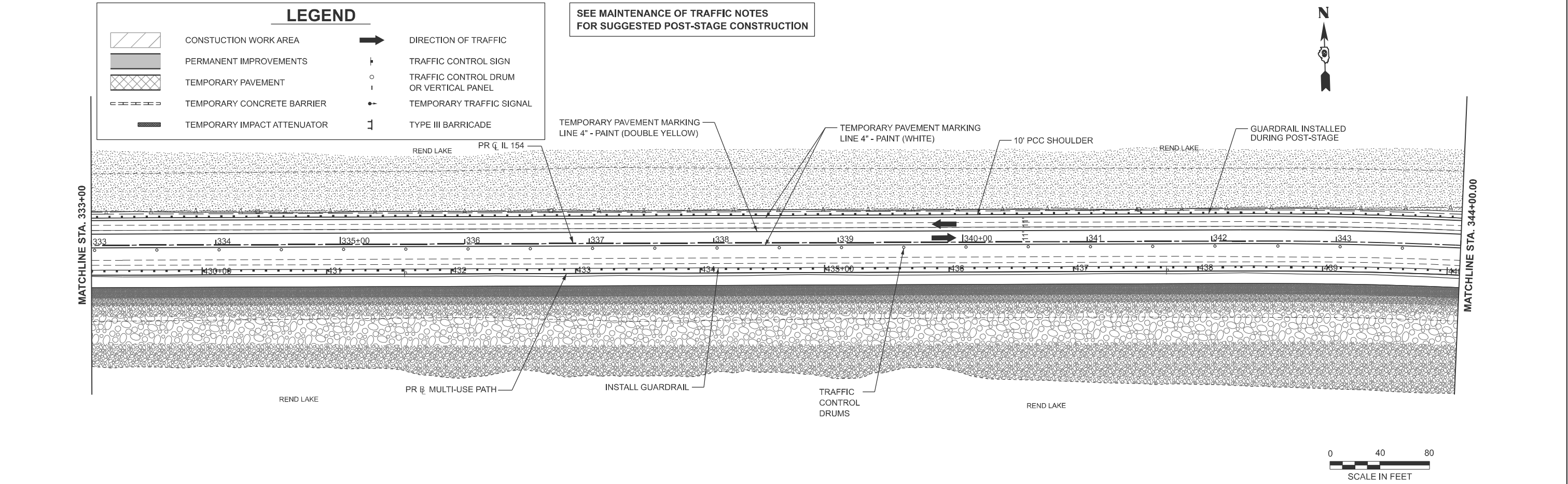
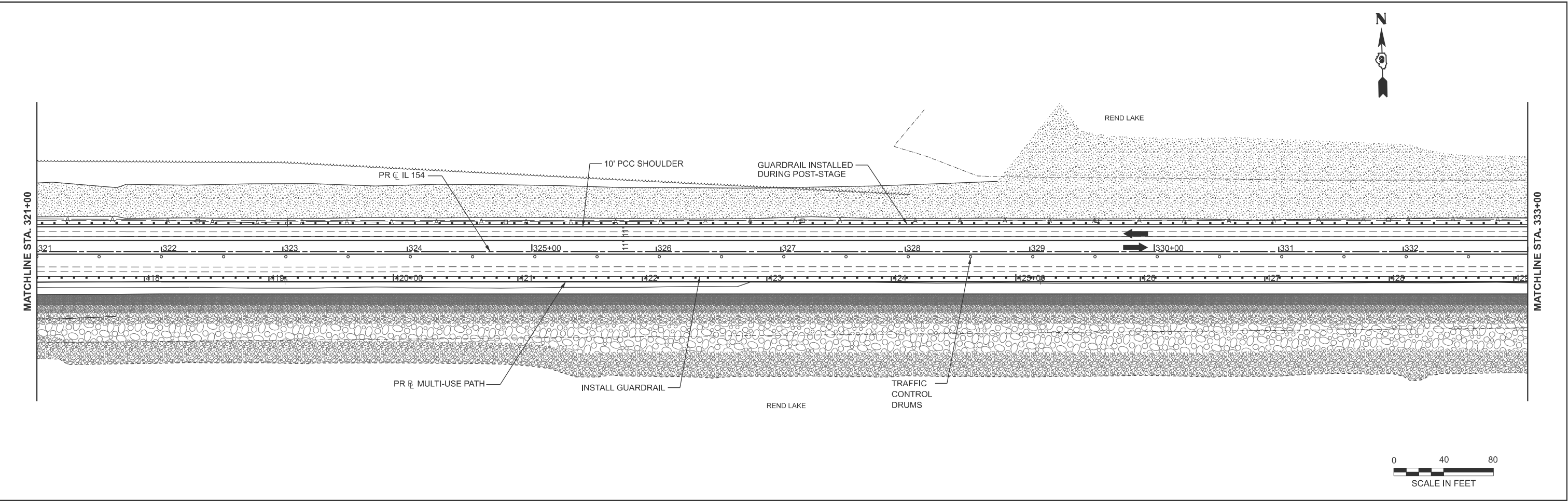
TEMPORARY TRAFFIC SIGNAL

TYPE III BARRICADE

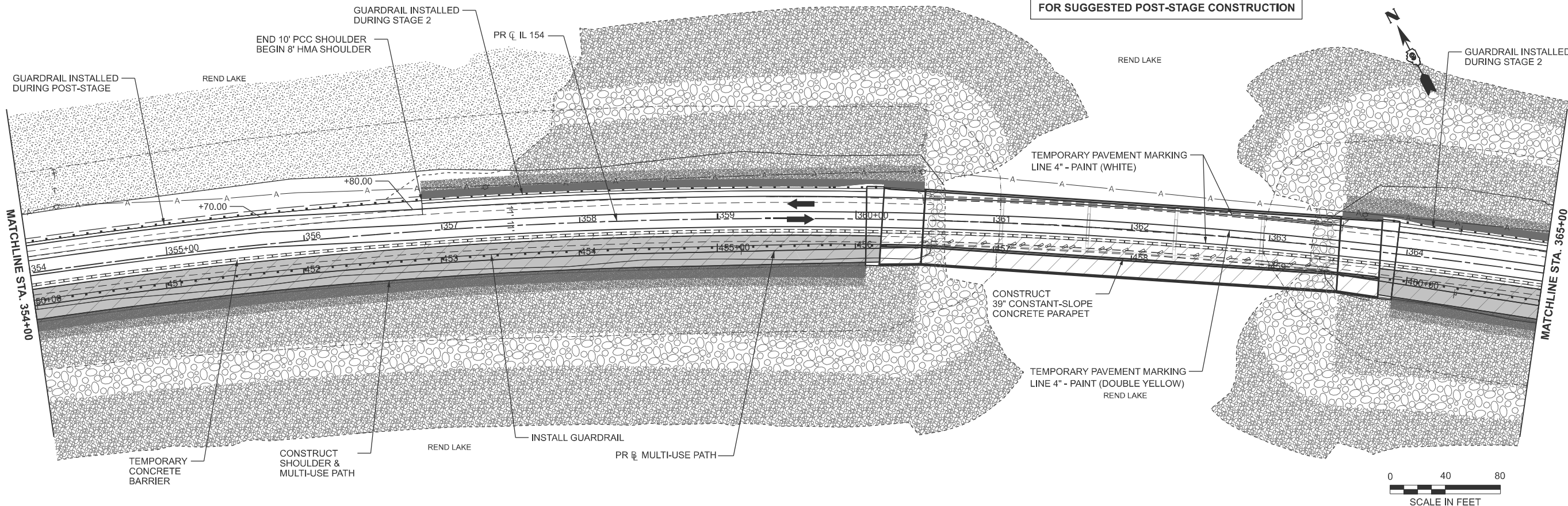
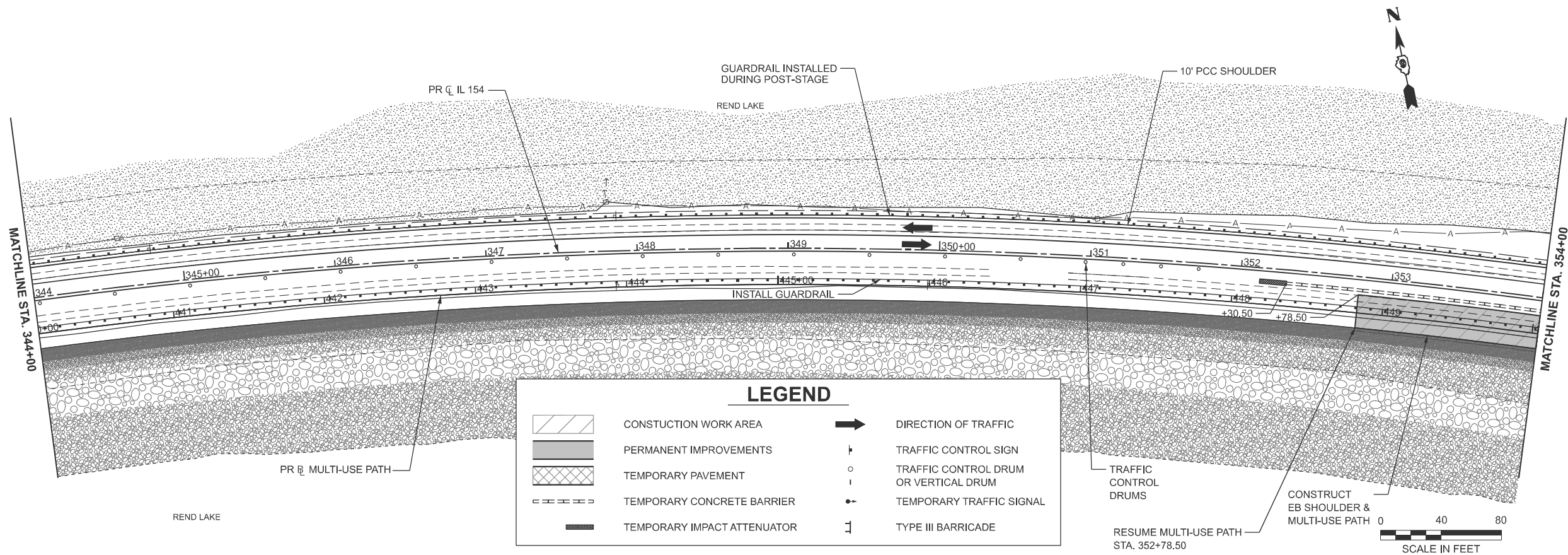
SEE MAINTENANCE OF TRAFFIC NOTES
FOR SUGGESTED POST-STAGE CONSTRUCTION

BFW ENGINEERING & CONSULTING	USER NAME = dhawes		DESIGNED - BB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE III IL 154 & MULTI-USE PATH						F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
			DRAWN - BB	REVISED -		845	112 (RS-4, BLP-1); 112B-4	FRANKLIN	406	124							
			CHECKED - DH	REVISED -		CONTRACT NO. 78786											
	PLOT DATE = 5/5/2025		DATE - 05/07/2025	REVISED -													
						SCALE: 1"=40'	SHEET 2	OF 6	SHEETS	STA. 299+00.00	TO STA. 321+00.00					ILLINOIS FED. AID PROJECT	

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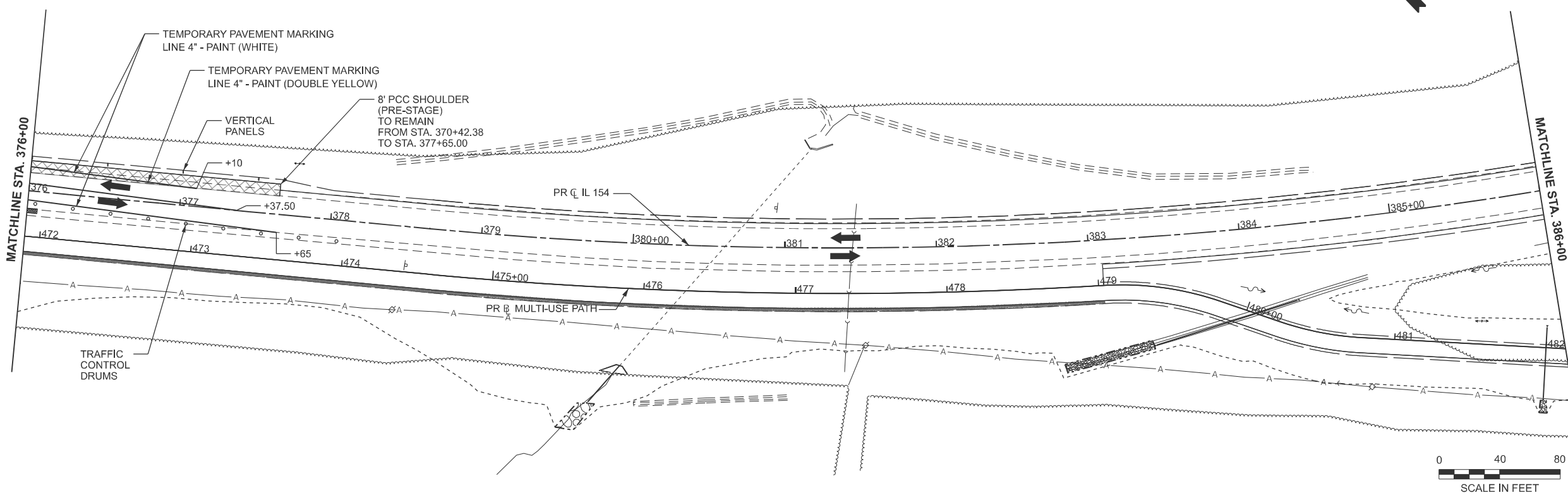
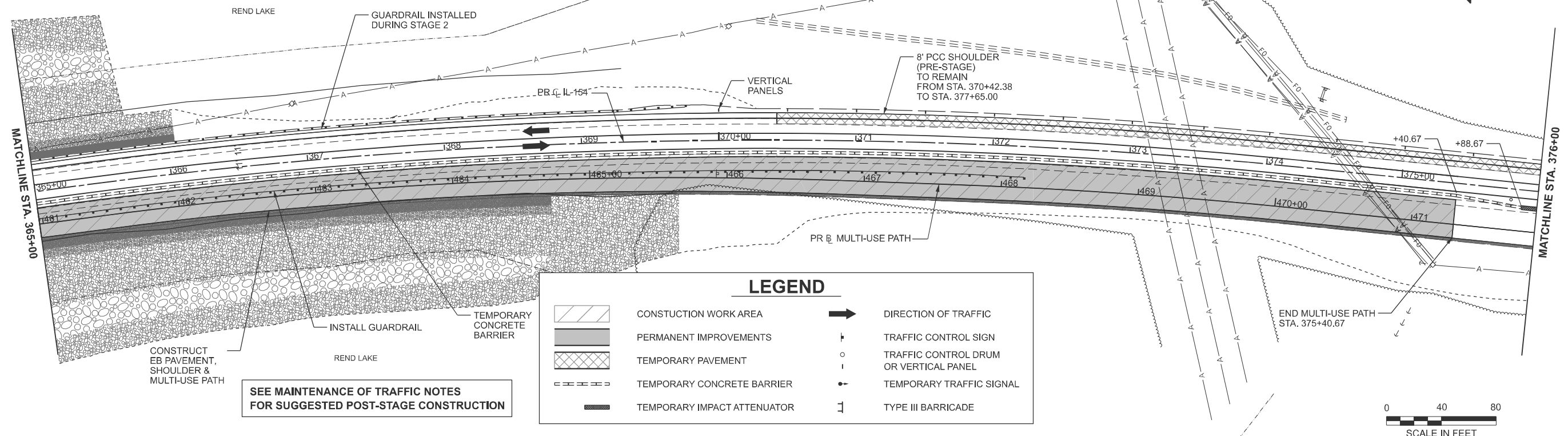


BFW ENGINEERING & CONSULTING	USER NAME = dhawes		DESIGNED - BB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE III IL 154 & MULTI-USE PATH			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - BB	REVISED -		SCALE: 1"=40'			845	112 (RS-4, BLP-1); 112B-4	FRANKLIN	406	125
			CHECKED - DH	REVISED -		SHEET 3 OF 6 SHEETS			CONTRACT NO. 78786				
	PLOT DATE = 5/5/2025		DATE - 05/07/2025	REVISED -		STA. 321+00.00 TO STA. 344+00.00			ILLINOIS FED. AID PROJECT				



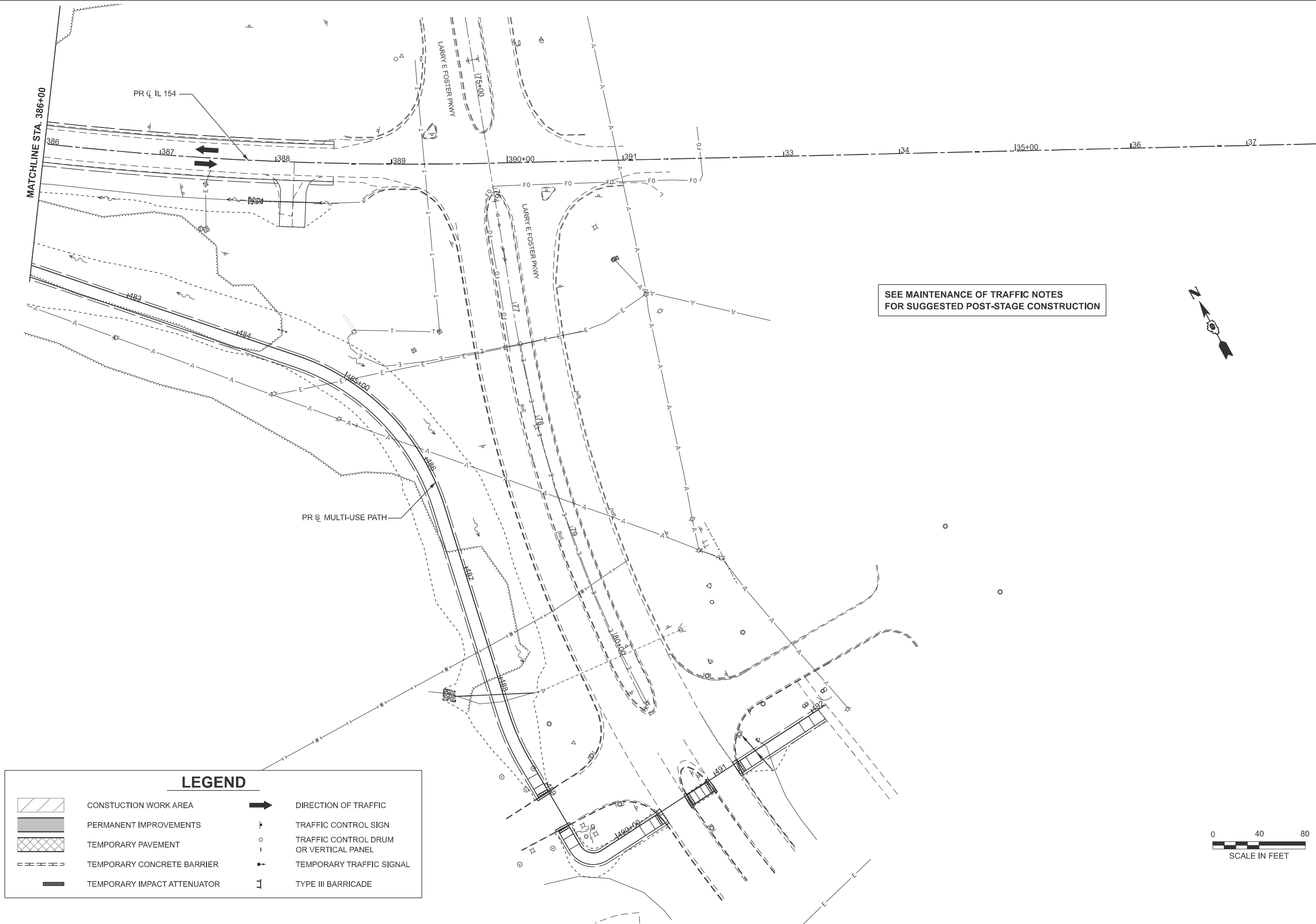
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	USER NAME = dhawes		DESIGNED - BB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE III IL 154 & MULTI-USE PATH			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - BB	REVISED -		SCALE: 1"=40'			845	112 (RS-4, BLP-1); 112B-4	FRANKLIN	406	126
			CHECKED - DH	REVISED -		SHEET 4 OF 6 SHEETS			CONTRACT NO. 78786				
	PLOT DATE = 5/5/2025		DATE - 05/07/2025	REVISED -		STA. 344+00.00 TO STA. 365+00.00			ILLINOIS FED. AID PROJECT				



MODEL: Staging - Staging 5 (Sheet)
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USER NAME = dhawes	DESIGNED - BB	REVISED -
	DRAWN - BB	REVISED -
	CHECKED - DH	REVISED -
PLOT DATE = 5/5/2025	DATE - 05/07/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

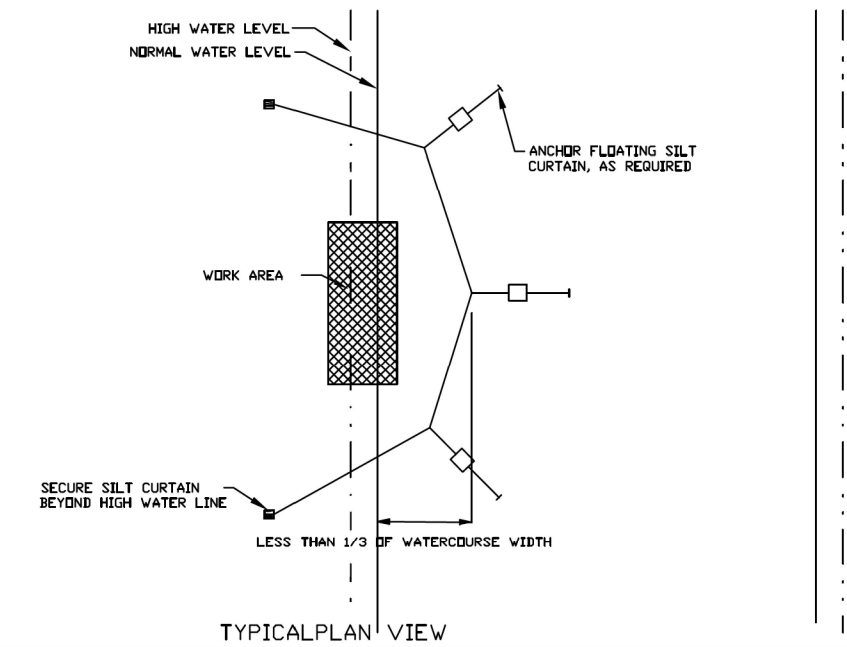
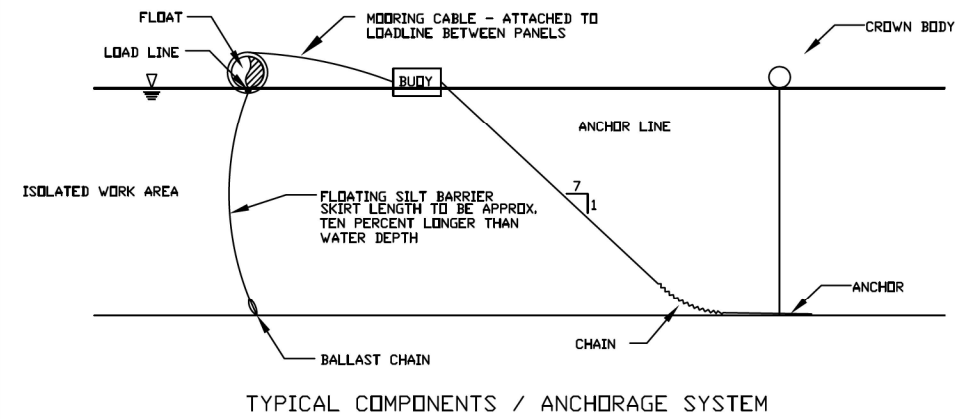
MAINTENANCE OF TRAFFIC STAGE III
IL 154 & MULTI-USE PATH

SCALE: 1"=40' SHEET 6 OF 6 SHEETS STA. 386+00.00 R4 TO STA. 37+61.25 R5

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112 (RS-4, BLP-1); 112B-4	FRANKLIN	406	128
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

MODEL: Staging - Staging 1 (Sheet)
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FLOATING SILT CURTAIN - TYPICAL LAYOUT



Maximum flow for waterbody shall be less than 5fps.
Isolated work area shall not exceed more than 1/3 stream width.
Silt curtain shall be placed parallel to stream flow.

REFERENCE	
Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____

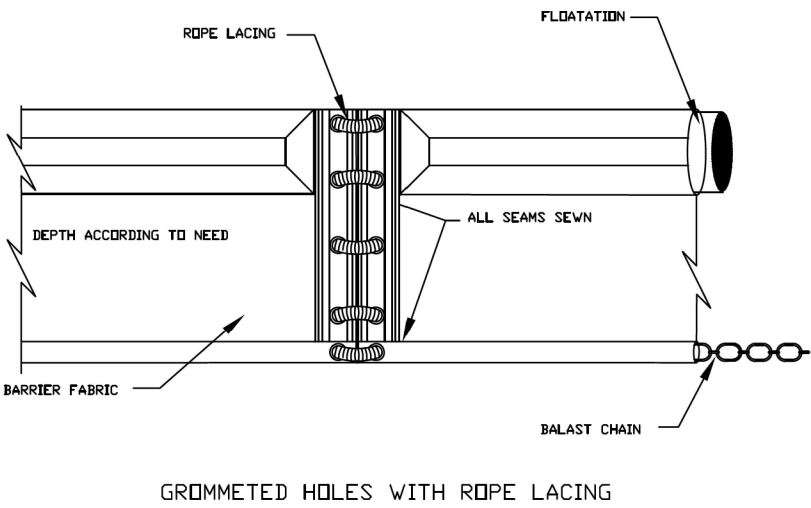
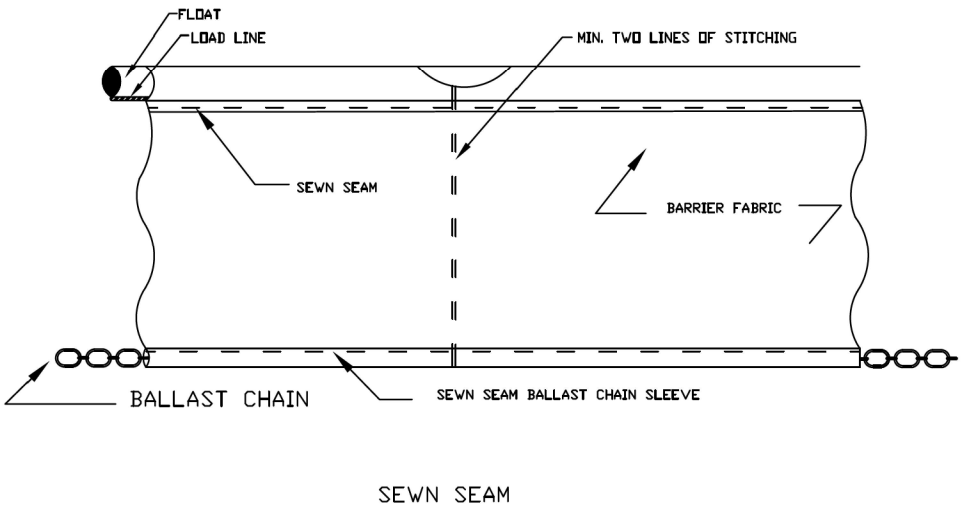


STANDARD DWG. NO.
IUM-617A
SHEET 1 OF 1
DATE 1-06-2012

EROSION PROTECTION AND SEDIMENT CONTROL NOTES

INLET PROTECTION, PERIMETER EROSION BARRIER AND DITCH CHECKS SHALL HAVE SEDIMENT REMOVED UPON REACHING HALF THE HEIGHT OR CAPACITY OF THE DEVICE.

FLOATING SILT CURTAIN - PANEL CONNECTORS



REFERENCE	
Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



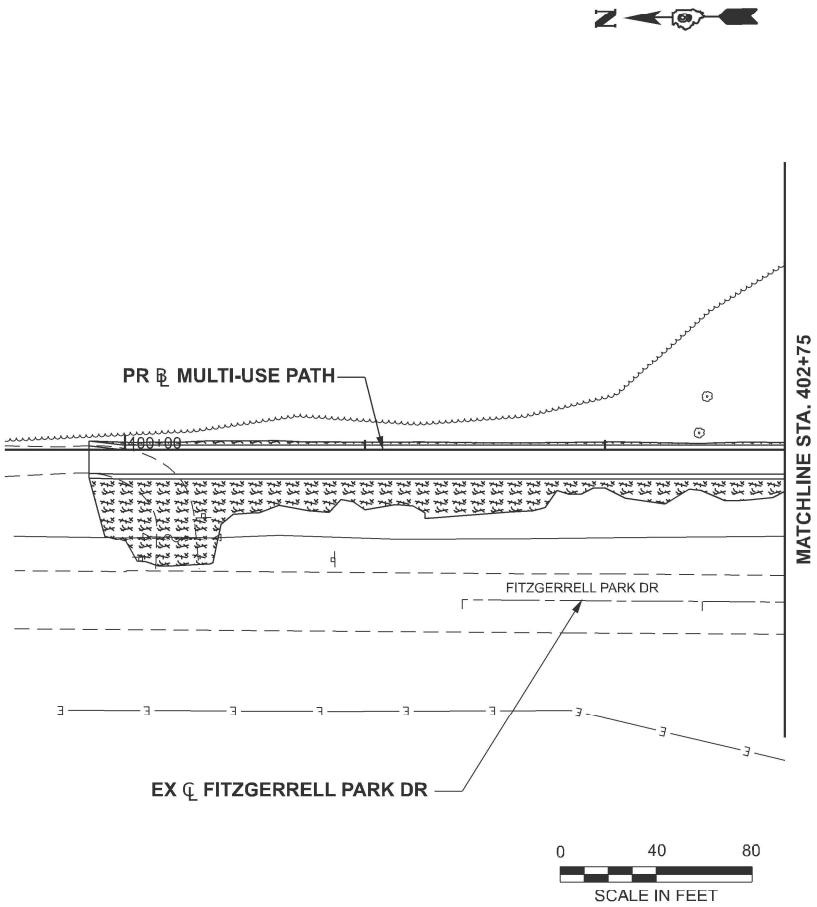
STANDARD DWG. NO.
IUM-617B
SHEET 1 OF 1
DATE 1-6-2012

LEGEND

	MULCH, METHOD 2 & TEMPORARY SEEDING		TEMPORARY DITCH CHECK
	PERIMETER EROSION BARRIER		INLET AND PIPE PROTECTION
	SEDIMENT CONTROL, SILT CURTAIN		

SEDIMENT CONTROL SILT CURTAIN NOTES

1. SEE DETAILS THIS SHEET AND THE ILLINOIS URBAN MANUAL FOR BEST PRACTICES.
2. APPROXIMATE CURTAIN LOCATIONS ARE SHOWN IN THE PLANS. THE CURTAIN SHALL BE PLACED AS DIRECTED BY THE ENGINEER IN WORK AREAS DETERMINED BY THE CONTRACTOR'S ANTICIPATED CONSTRUCTION OPERATIONS AND RELOCATED AS WORK PROGRESSES ALONG THE BANKS.
3. MAINTENANCE SHALL BE PERFORMED AS NEEDED.
4. CONTRACTOR SHALL RELOCATE OR REMOVE THE CURTAIN IN A MANNER THAT WILL PREVENT SILTATION OF THE WATERWAY.



USER NAME	= dhawes
DESIGNED	- BB
DRAWN	- BB
CHECKED	- DH
DATE	- 05/07/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

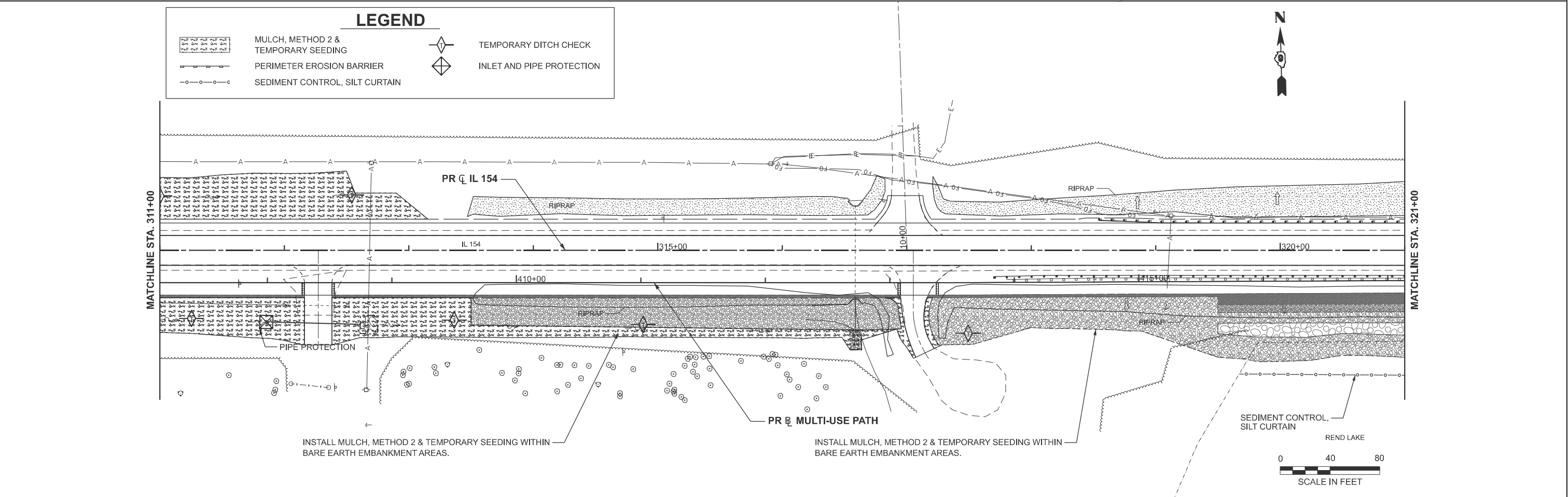
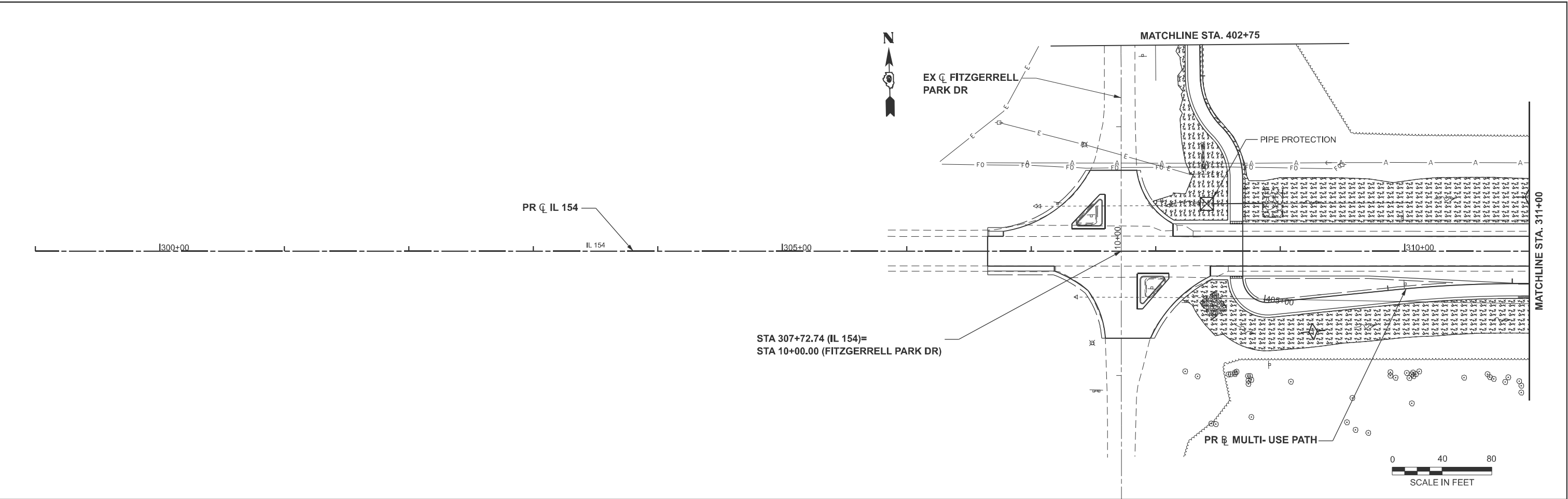
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION PROTECTION AND SEDIMENT CONTROL PLAN
IL 154 & MULTI-USE PATH

SCALE: 1"=40' SHEET 1 OF 6 SHEETS STA. 396+00.00 TO STA. 402+75.00

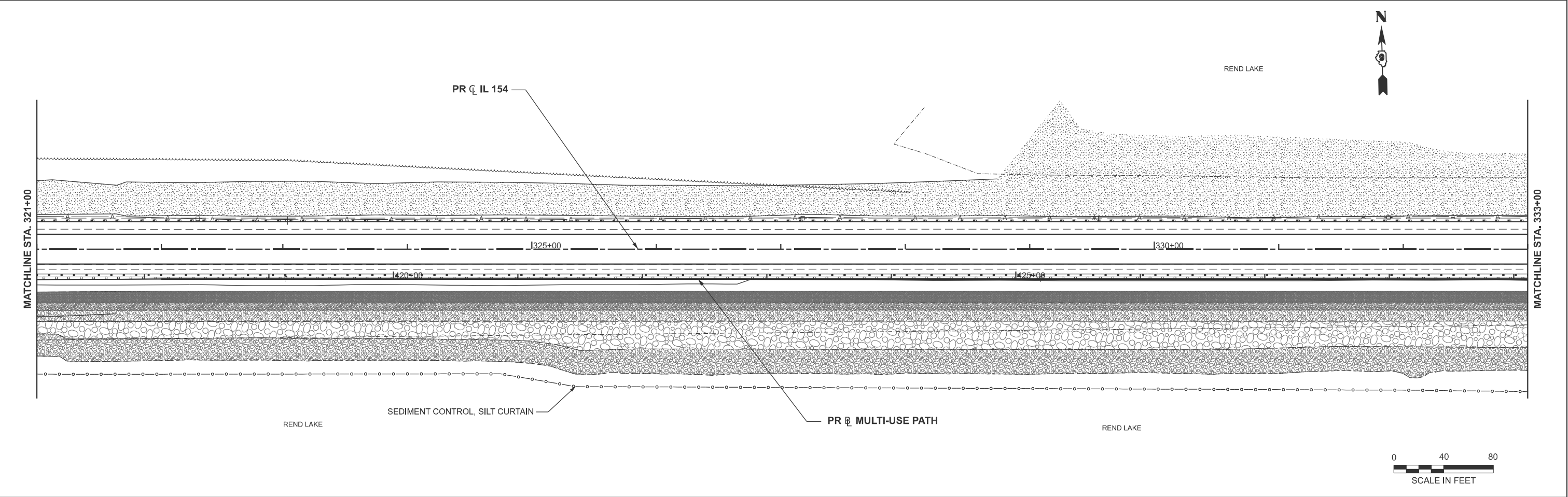
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112 (RS-4, BLP-1); 112B-4	FRANKLIN	406	129
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

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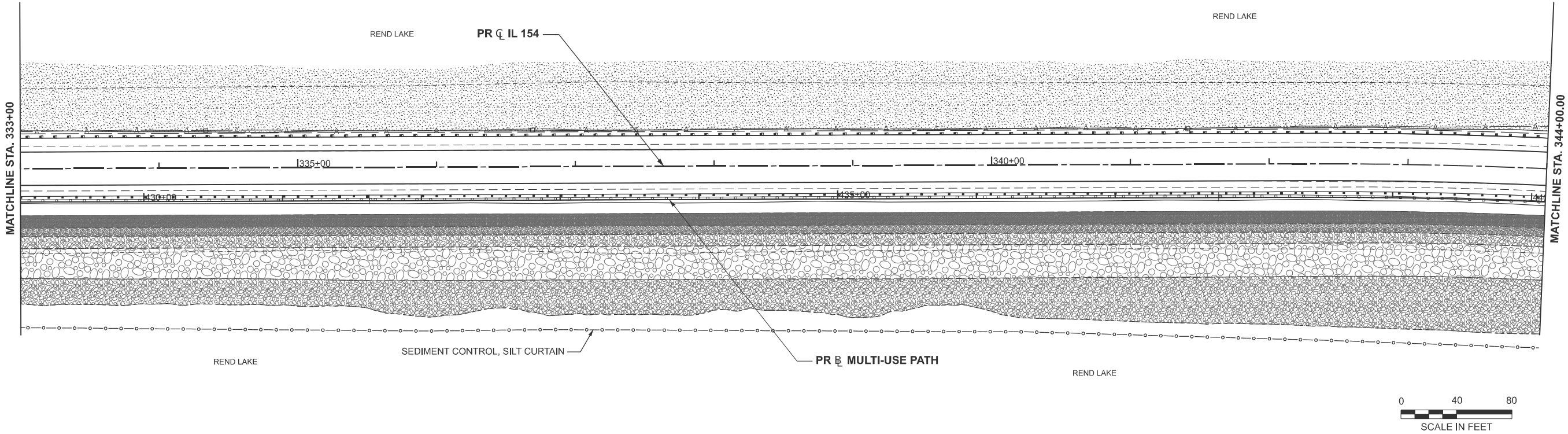


BFW ENGINEERING & CONSULTING	USER NAME = dhawes		DESIGNED - BB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION PROTECTION AND SEDIMENT CONTROL PLAN IL 154 & MULTI-USE PATH				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CHECKED - DH	REVISED -		SHEET 2 OF 6 SHEETS				CONTRACT NO. 78786				
	PLOT DATE = 5/5/2025		DATE - 05/07/2025	REVISED -		STA. 299+00.00 TO STA. 321+00.00				ILLINOIS FED. AID PROJECT				

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LEGEND			
	MULCH, METHOD 2 & TEMPORARY SEEDING		TEMPORARY DITCH CHECK
	PERIMETER EROSION BARRIER		INLET AND PIPE PROTECTION
	SEDIMENT CONTROL, SILT CURTAIN		



USER NAME = dhawes	DESIGNED - BB	REVISED -
	DRAWN - BB	REVISED -
	CHECKED - DH	REVISED -
PLOT DATE = 5/5/2025	DATE - 05/07/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION PROTECTION AND SEDIMENT CONTROL PLAN
IL 154 & MULTI-USE PATH

SCALE: 1"=40' SHEET 3 OF 6 SHEETS STA. 321+00.00 TO STA. 344+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112 (RS-4, BLP-1); 112B-4	FRANKLIN	406	131
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

MODEL: Staging - Staging 4 (Sheet)
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ENGINEERING
& CONSULTING

USER NAME = dhawes

PLOT DATE = 5/5/2025

DESIGNED - BB

DRAWN - BB

CHECKED - DH

DATE - 05/07/2025

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION PROTECTION AND SEDIMENT CONTROL PLAN
IL 154 & MULTI-USE PATH

SCALE: 1"=40'

SHEET 4

OF 6

SHEETS

STA. 344+00.00

TO STA. 365+00.00

F.A.P.

RTE.

845

SECTION

112 (RS-4, BLP-1); 112B-4

COUNTY

FRANKLIN

TOTAL

SHEETS

406

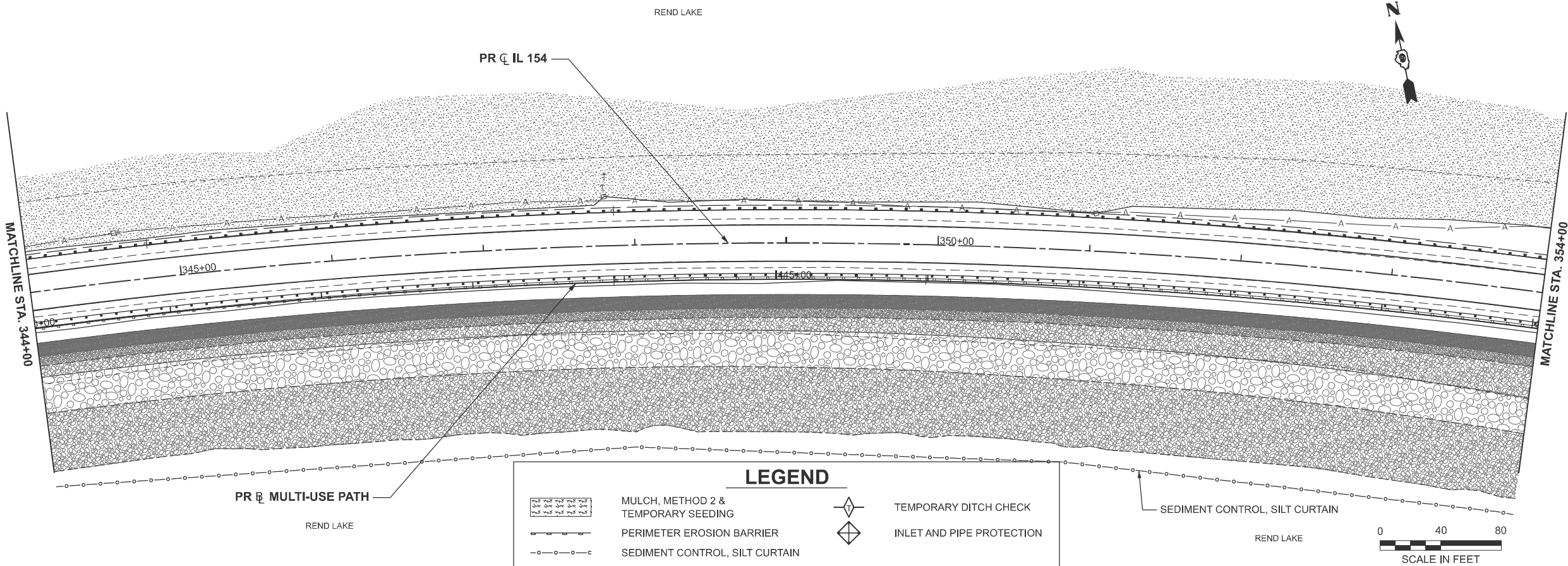
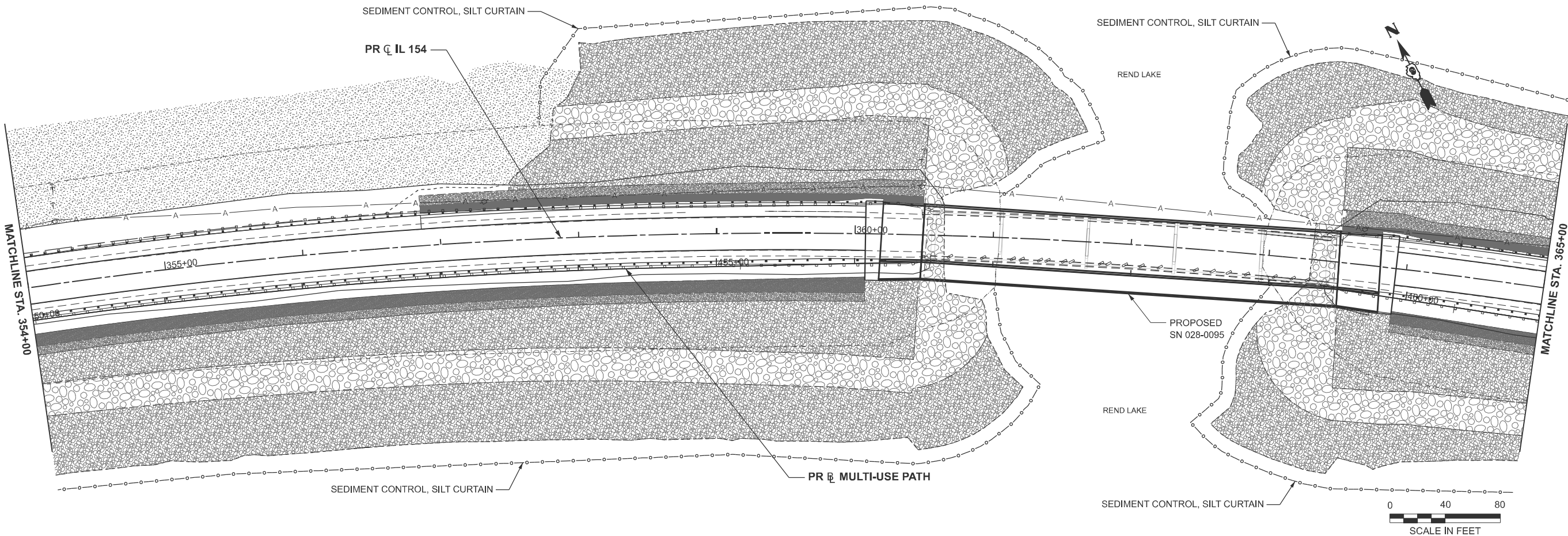
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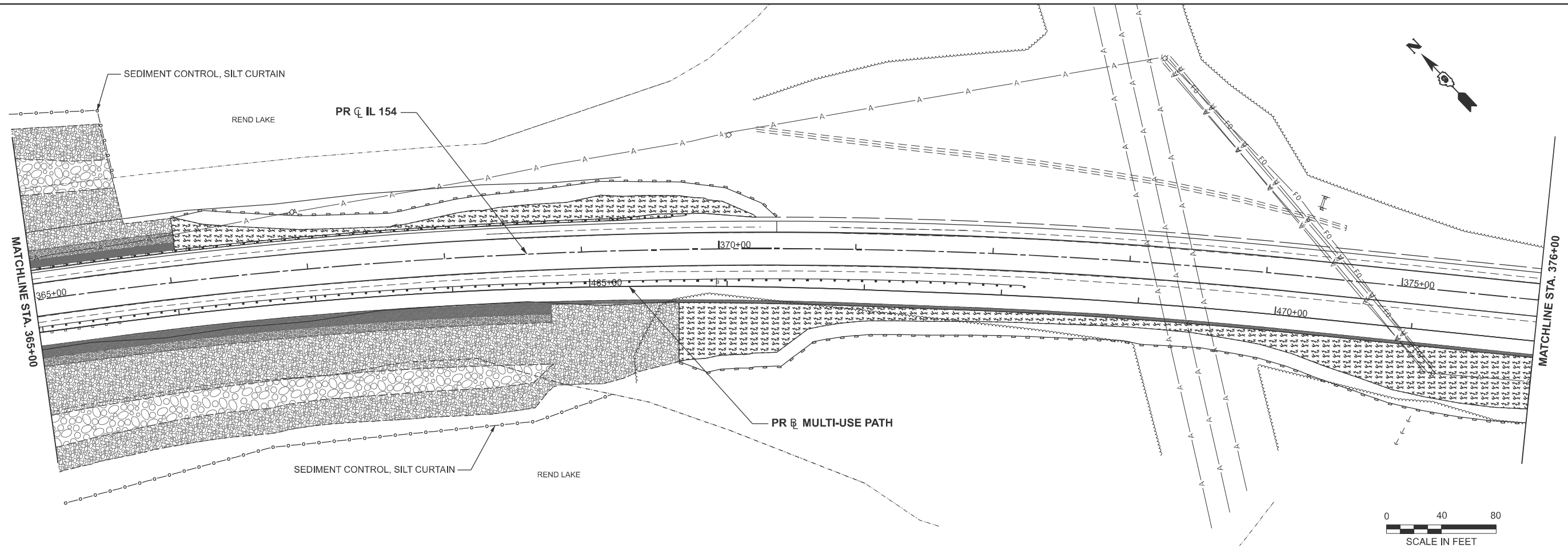
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132

CONTRACT NO. 78786

ILLINOIS FED. AID PROJECT





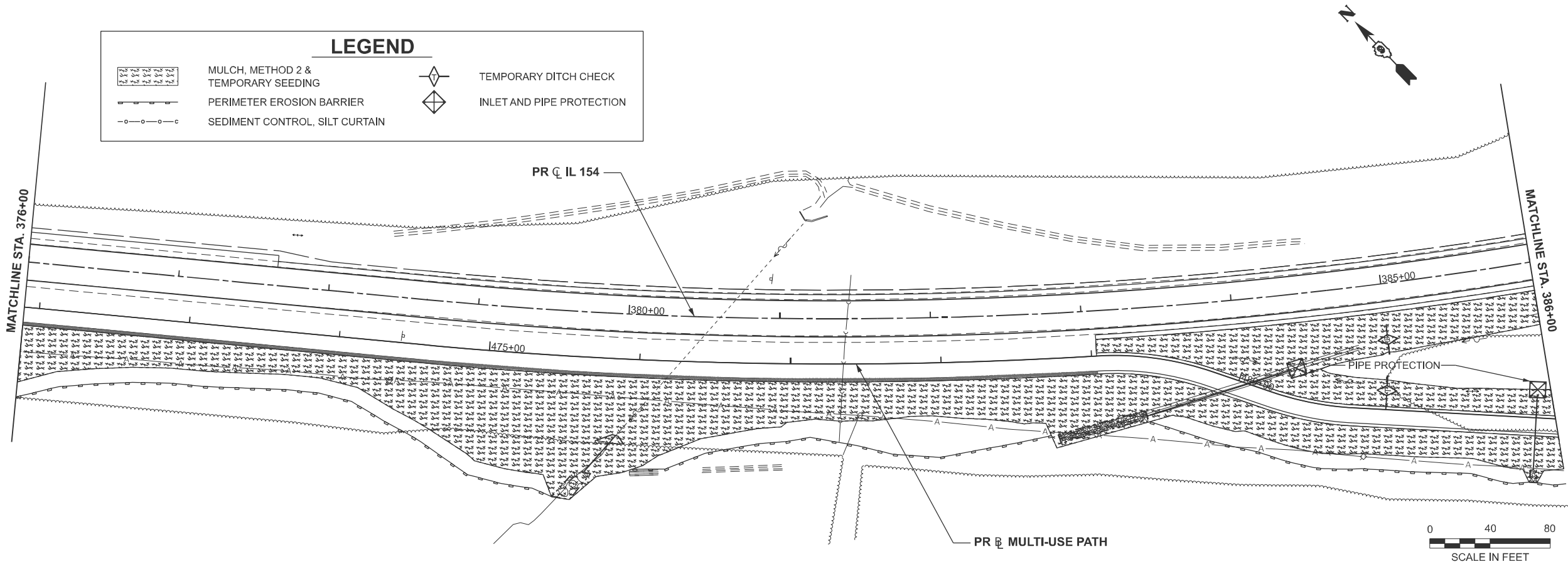
MULCH, METHOD 2 & TEMPORARY SEEDING

PERIMETER EROSION BARRIER

SEDIMENT CONTROL, SILT CURTAIN

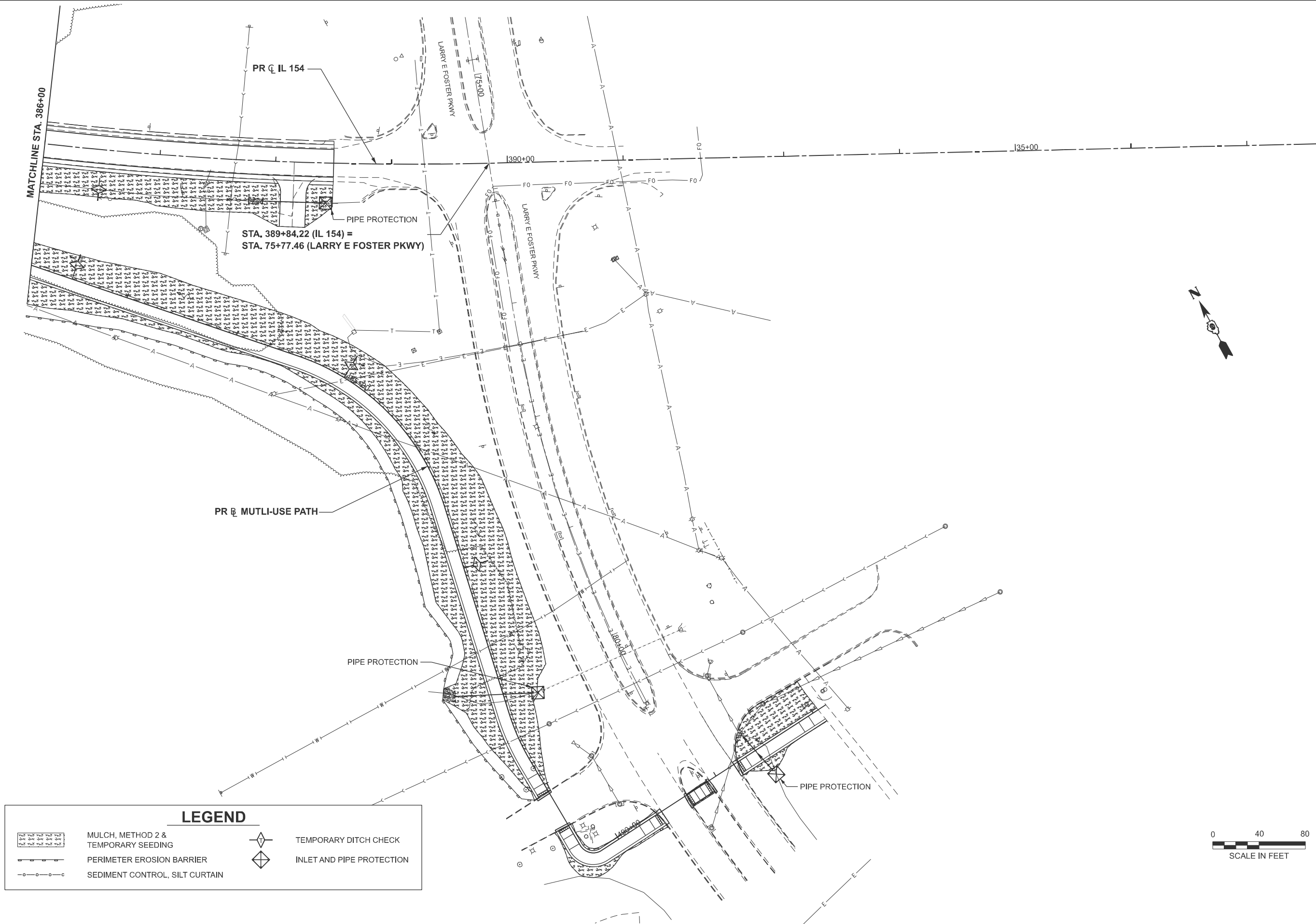
TEMPORARY DITCH CHECK

INLET AND PIPE PROTECTION



MODEL: Staging - Staging 5 (Sheet)
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LEGEND			
	MULCH, METHOD 2 & TEMPORARY SEEDING		TEMPORARY DITCH CHECK
	PERIMETER EROSION BARRIER		INLET AND PIPE PROTECTION
	SEDIMENT CONTROL, SILT CURTAIN		



USER NAME = dhawes	DESIGNED - BB	REVISED -
	DRAWN - BB	REVISED -
	CHECKED - DH	REVISED -
PLOT DATE = 5/5/2025	DATE - 05/07/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION PROTECTION AND SEDIMENT CONTROL PLAN
IL 154 & MULTI-USE PATH

SCALE: 1"=40' SHEET 6 OF 6 SHEETS STA. 386+00.00 R4 TO STA. 37+61.25 R5

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112 (RS-4, BLP-1); 112B-4	FRANKLIN	406	134
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

MODEL: General Notes [Sheet]
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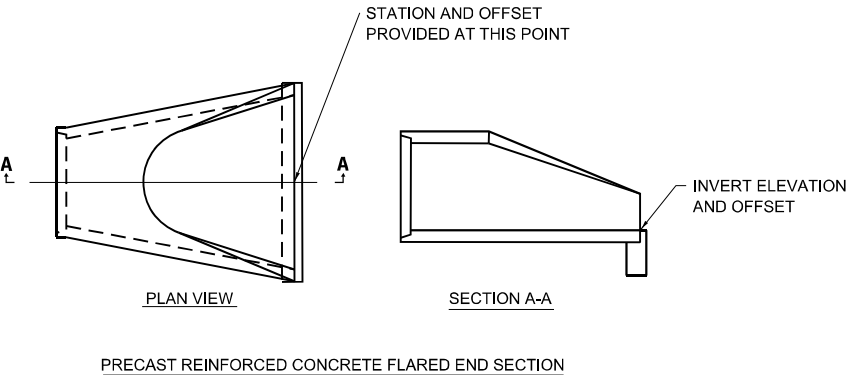
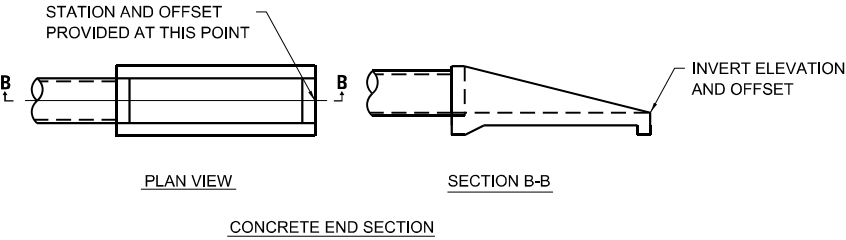
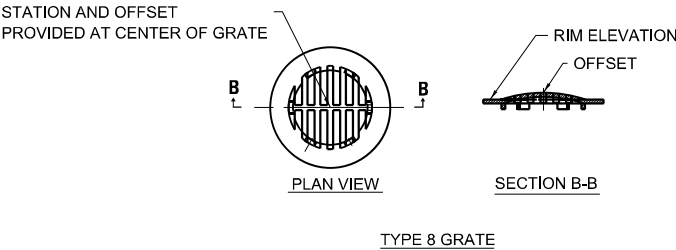


USER NAME	= ALAU	DESIGNED	-	KD	REVISED	-	
		DRAWN	-	KD	REVISED	-	
		CHECKED	-	AL	REVISED	-	
PLOT DATE	= 05/07/2025	DATE	-	05/07/2025	REVISED	-	

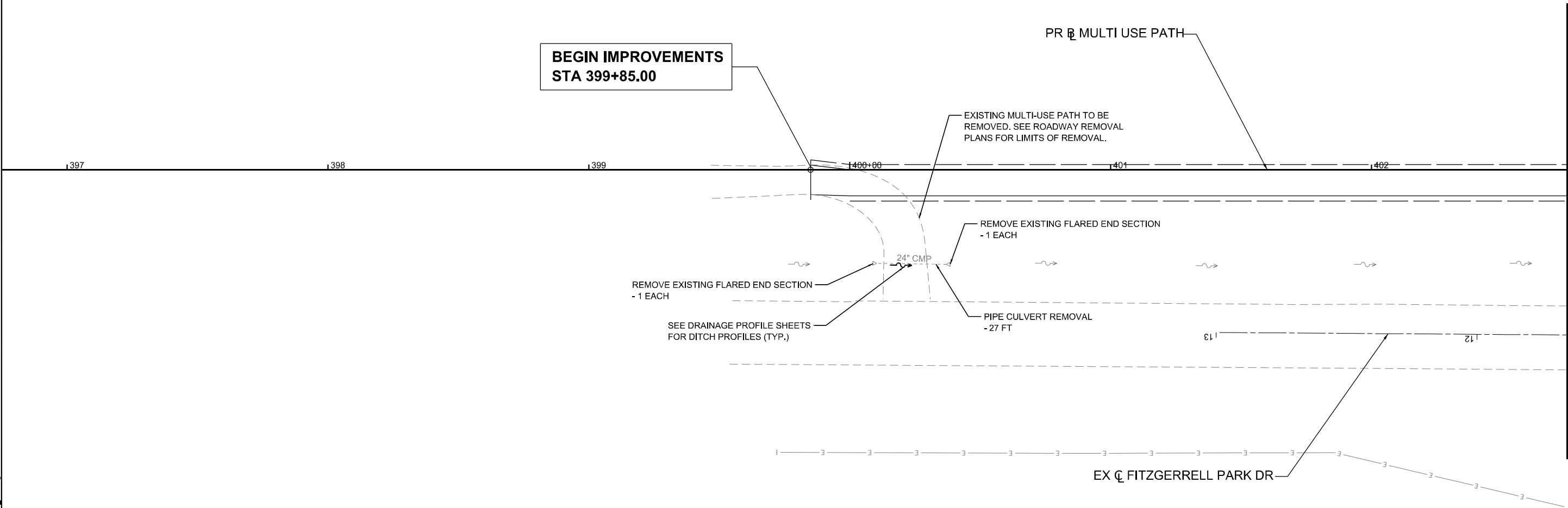
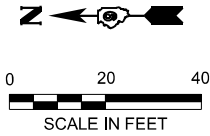
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE LEGEND AND STRUCTURE STATION/OFFSET DETAIL			
SCALE: NTS	SHEET 1 OF 1 SHEETS	STA. N/A	TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(R5-4, BLP-1); 112B-4	FRANKLIN	406	135
CONTRACT NO. 78786				
		ILLINOIS	FED. AID PROJECT	



LEGEND	
DRAINAGE ITEMS	EX
WETLAND BOUNDARIES	-----
WATERWAY BOUNDARIES	-----
FLOODPLAIN BOUNDARY	-----
FLOODWAY BOUNDARY	-----



MODEL: plan 0 [Sheet]
FILE NAME: c:\p\working\lochner-pw-01\40186573\0978786-sh-dm_Plan.dgn

	USER NAME = ALAU	DESIGNED - KD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED DRAINAGE PLAN IL 154 & MULTI-USE PATH				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KD	REVISED -						845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	136
		CHECKED - AL	REVISED -		CONTRACT NO. 78786								
	PLOT DATE = 05/07/2025	DATE - 05/07/2025	REVISED -		SCALE: 1"=20'	SHEET 1	OF 8	SHEETS	STA. 396+75.00	TO STA. 402+75.00	ILLINOIS FED. AID PROJECT		

MODEL: IL 154 Plan 1 [Sheet]
FILE NAME: c:\pwworking\lochner-cw-01\40186573\0978786-sh-cm_Plan.dgn



USER NAME	= ALAU
DESIGNED	- KD
DRAWN	- KD
CHECKED	- AL
DATE	- 05/07/2025

DESIGNED	- KD
REVIS	-
REVIS	-
REVIS	-
REVIS	-

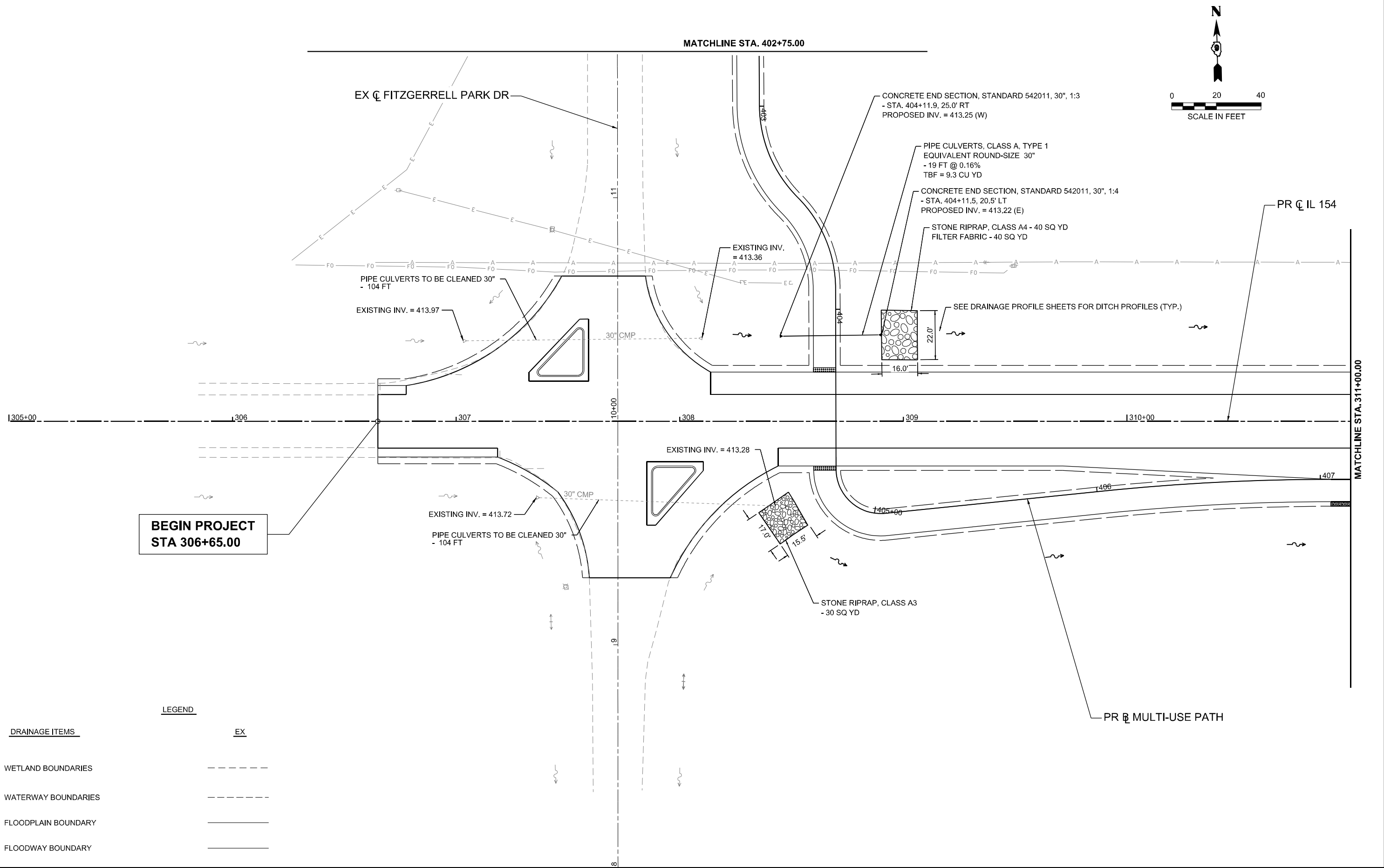
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE PLAN
IL 154 & MULTI-USE PATH

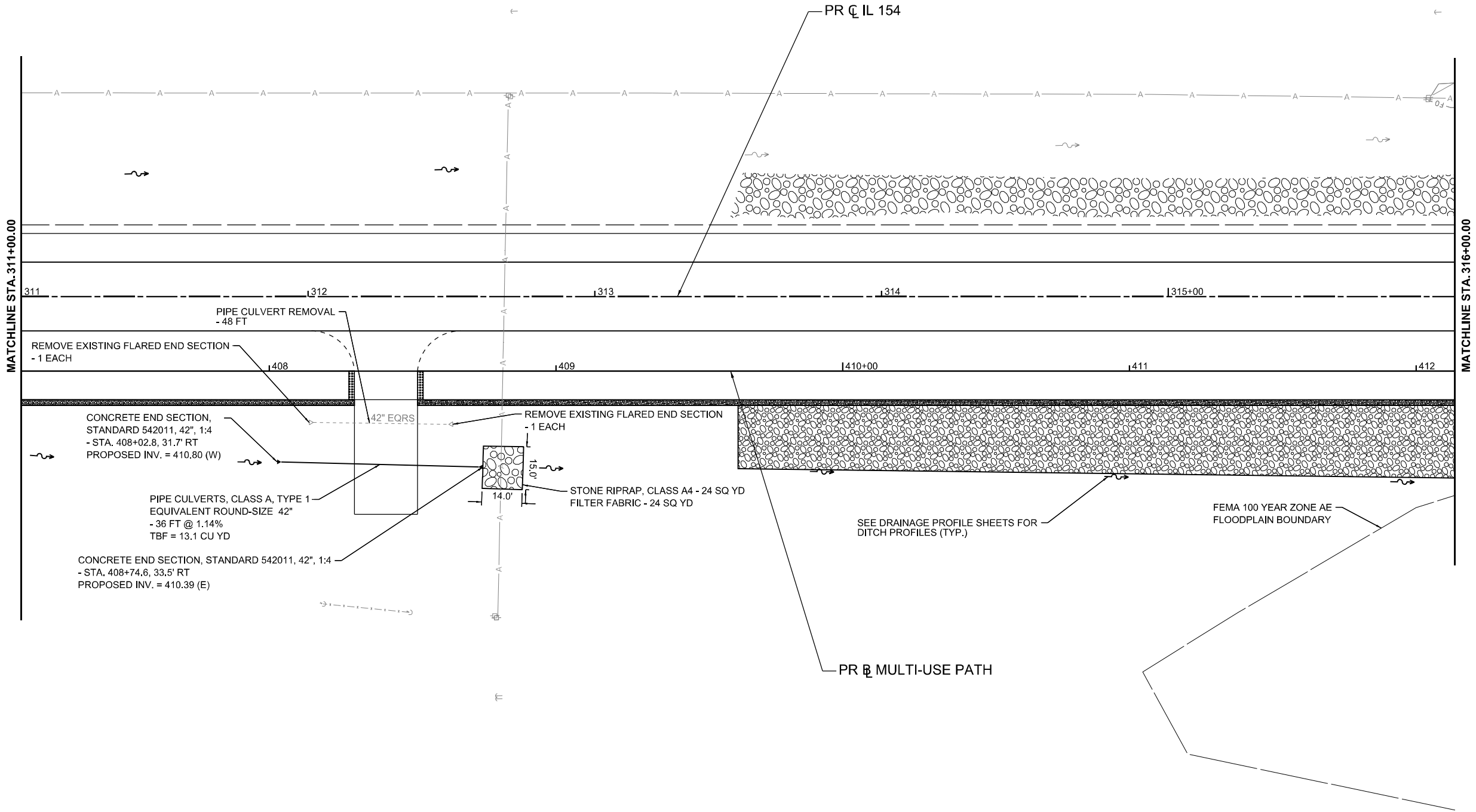
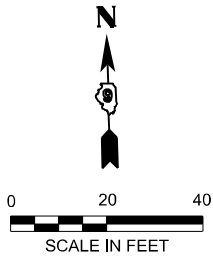
SCALE: 1"=20'
SHEET 2 OF 8 SHEETS
STA. 305+00.00 R2 TO STA. 311+00.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	137
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

LEGEND	EX
DRAINAGE ITEMS	
WETLAND BOUNDARIES	---
WATERWAY BOUNDARIES	---
FLOODPLAIN BOUNDARY	---
FLOODWAY BOUNDARY	---



DRAINAGE ITEMS	EX
WETLAND BOUNDARIES	----
WATERWAY BOUNDARIES	----
FLOODPLAIN BOUNDARY	----
FLOODWAY BOUNDARY	----



MODEL: IL 154 Plan 2 [Sheet]
FILE NAME: c:\p\working\lochner\pw-01\40186573\0978766-sh-cm_Plan.dgn

	USER NAME = ALAU	DESIGNED - KD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED DRAINAGE PLAN IL 154 & MULTI-USE PATH			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KD	REVISED -					845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	138
		CHECKED - AL	REVISED -					CONTRACT NO. 78786				
	PLOT DATE = 05/07/2025	DATE = 05/07/2025	REVISED -		SCALE: 1"=20'	SHEET 3	OF 8 SHEETS	STA. 311+00.00 R2	TO STA. 316+00.00 R2	ILLINOIS	FED. AID PROJECT	

MODEL: IL 154 Plan 3 [Sheet]
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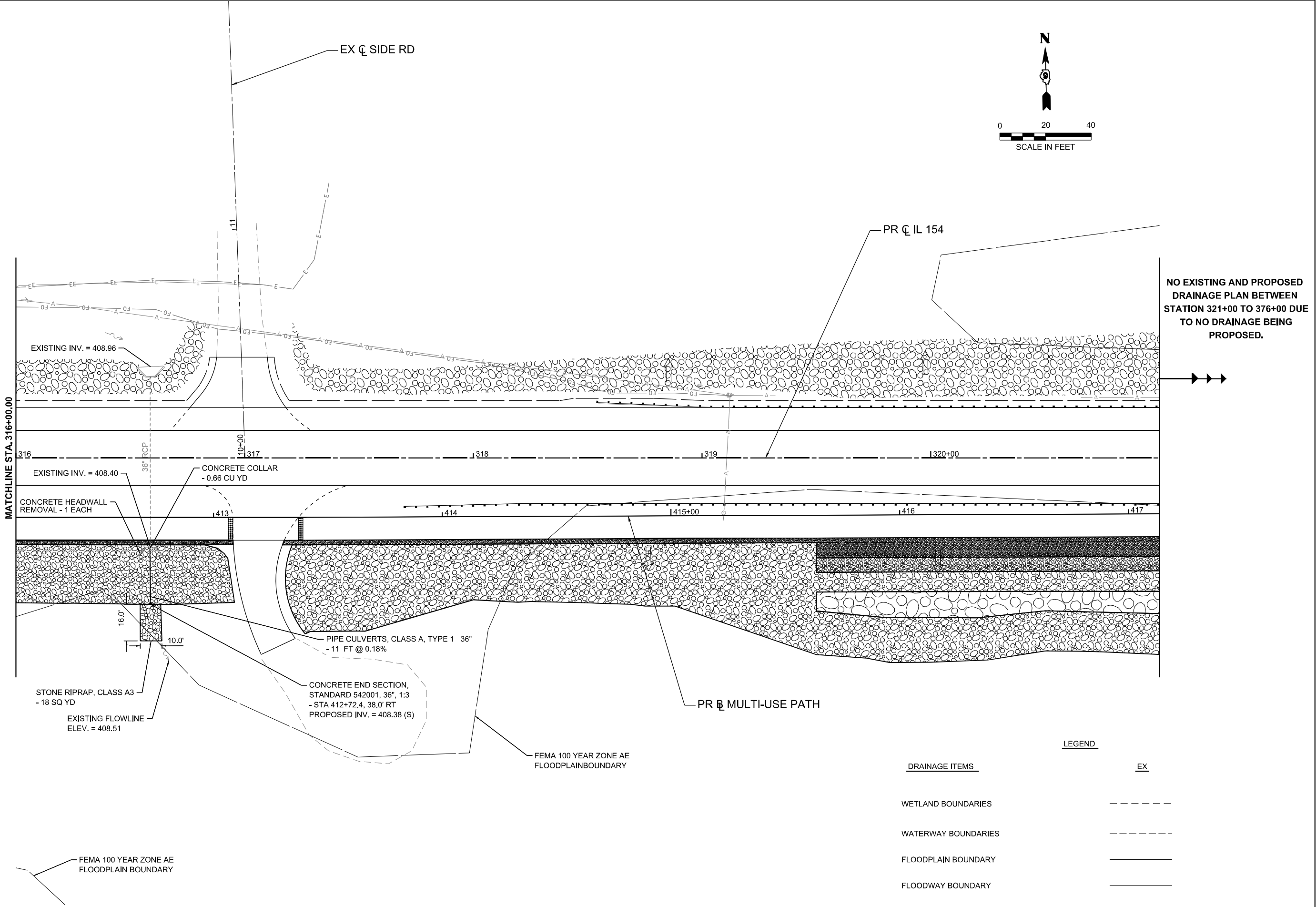
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	DRAWN - KD	REVISED -
	CHECKED - AL	REVISED -
PLOT DATE = 05/07/2025	DATE - 05/07/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

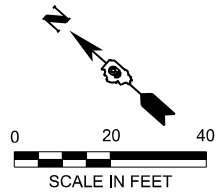
EXISTING AND PROPOSED DRAINAGE PLAN
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 4 OF 8 SHEETS STA. 316+00.00 R2 TO STA. 321+00.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	139
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



<u>DRAINAGE ITEMS</u>	<u>EX</u>
WETLAND BOUNDARIES	----
WATERWAY BOUNDARIES	----
FLOODPLAIN BOUNDARY	----
FLOODWAY BOUNDARY	----



NO EXISTING AND PROPOSED
DRAINAGE PLAN BETWEEN
STATION 321+00 TO 376+00 DUE
TO NO DRAINAGE BEING
PROPOSED



PR $\varnothing$ IL 154

EXISTING PAVED DITCH

376 377 378 379 380+00

472 473 474 475+00 476

MATCHLINE STA. 381+00.00

PR $\varnothing$ MULTI-USE PATH

FEMA 100 YEAR ZONE AE FLOODPLAINBOUNDARY

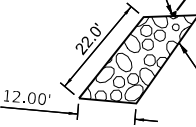
PIPE CULVERTS, CLASS A, TYPE 1 36"
- 27 FT @ 4.11%

REINFORCED CONCRETE END SECTIONS
FOR PIPE CULVERTS PER STANDARD
542201-02, 36" DIAMETER, 40 DEGREE
SKEW WITH WINGS FOR 1:2 SLOPE.
- STA 475+66.3, 77.1' RT
PROPOSED INV. = 414.40 (W)

CONCRETE COLLAR
- 0.66 CU YD

EXISTING INV. = 415.51

CONCRETE HEADWALL REMOVAL
- 1 EACH



EXISTING PAVED DITCH

STONE RIPRAP, CLASS A4 - 30 SQ YD
FILTER FABRIC - 30 SQ YD

MODEL: IL 154 Plan 4 [Sheet]
FILE NAME: c:\p\working\lochner-cw-01\40186573\0978786-sh-cm_Plan.dgn



USER NAME = ALAU	DESIGNED - KD	REVISED -
	DRAWN - KD	REVISED -
	CHECKED - AL	REVISED -
PLOT DATE = 05/07/2025	DATE - 05/07/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE PLAN
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 5 OF 8 SHEETS STA. 376+00.00 R4 TO STA. 381+00.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	140
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

MODEL: IL 154 Plan 5 [Sheet]
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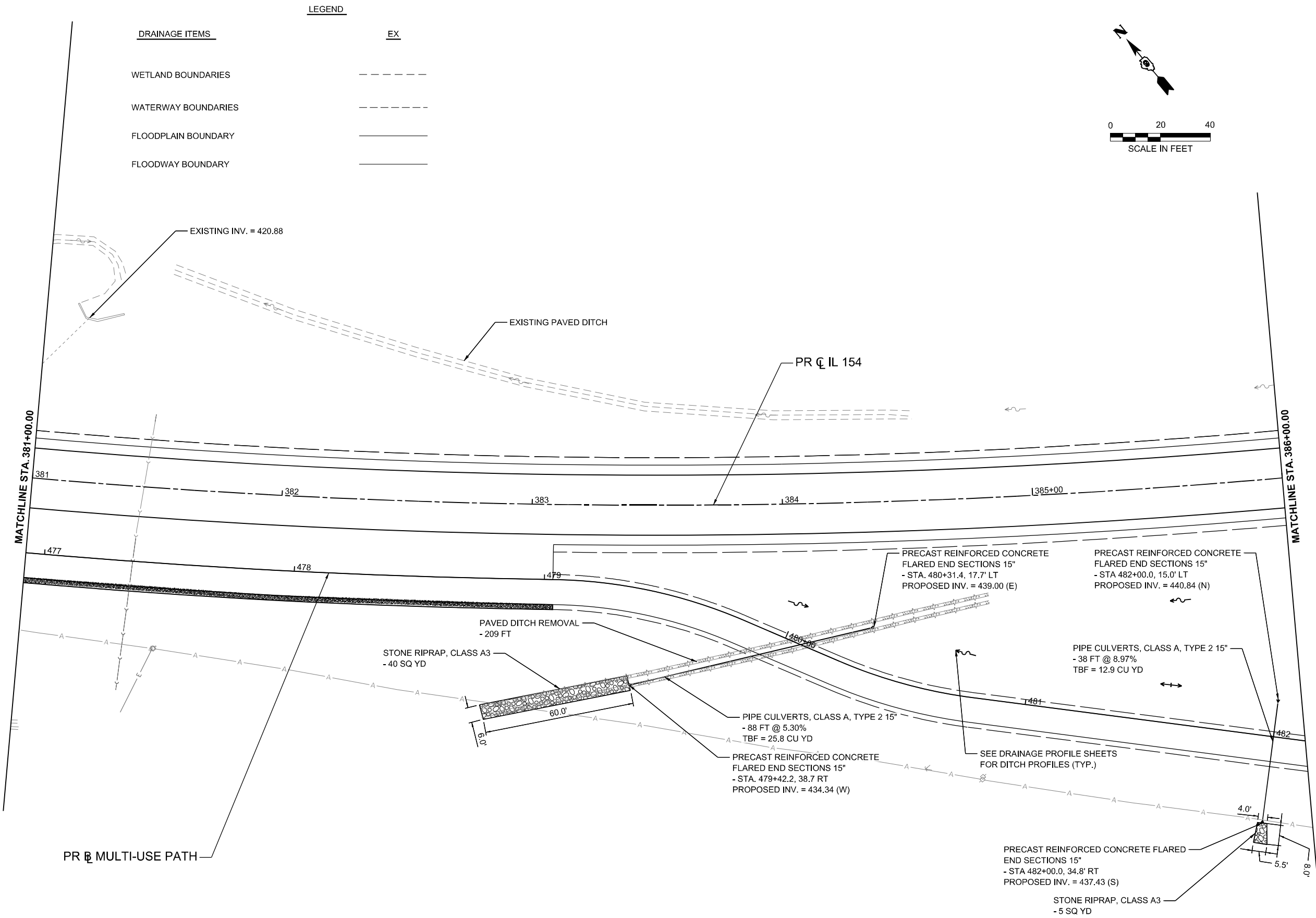


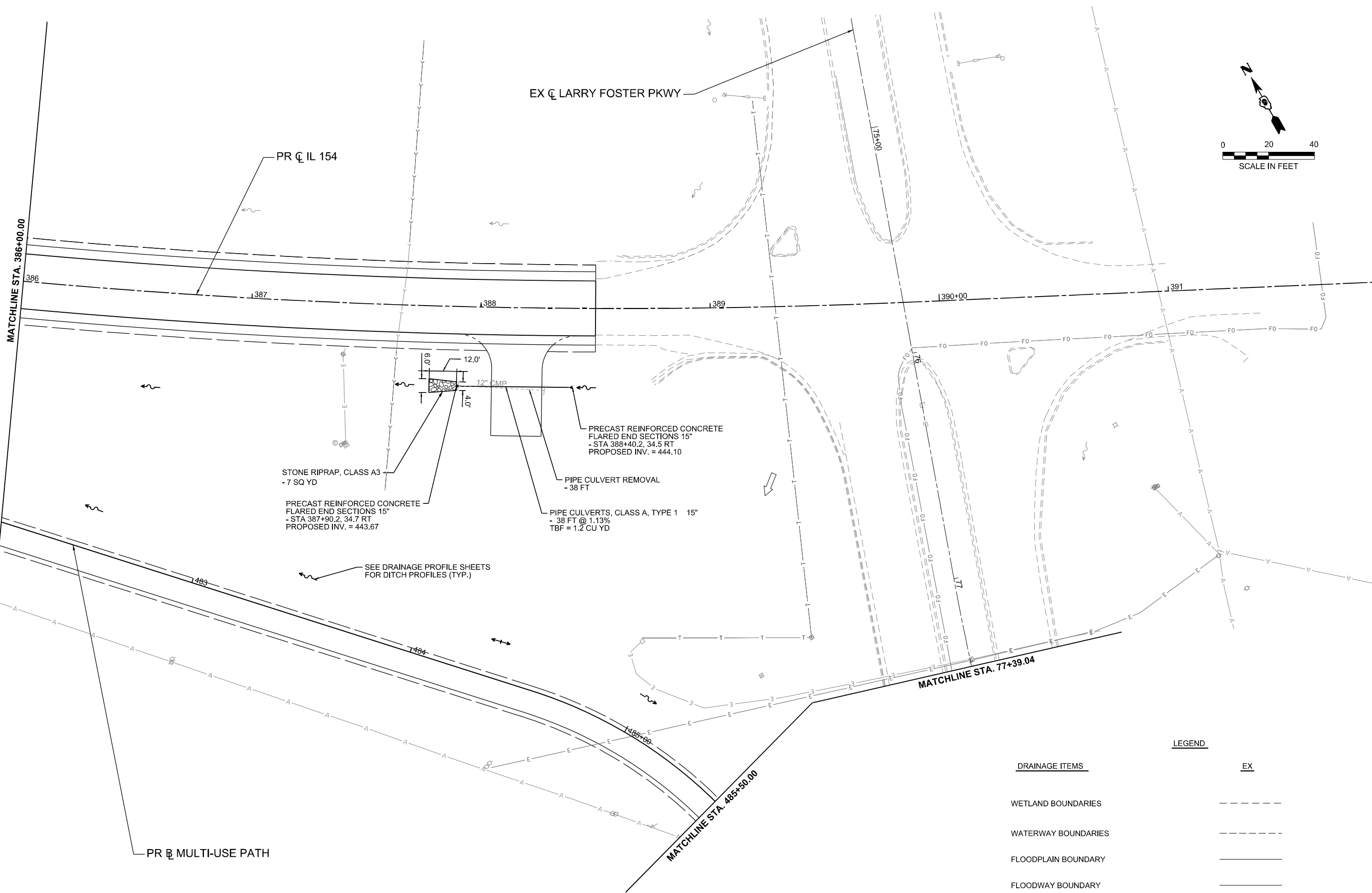
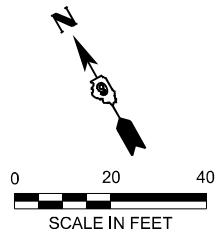
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	CHECKED - AL	REVISED -
PLOT DATE = 05/07/2025	DATE - 05/07/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE PLAN IL 154 & MULTI-USE PATH			
SCALE: 1"=20'	SHEET 6	OF 8 SHEETS	STA. 381+00.00 R4 TO STA. 386+00.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



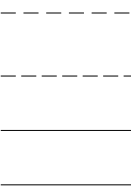


DRAINAGE ITEMS

- WETLAND BOUNDARIES
- WATERWAY BOUNDARIES
- FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY

LEGEND

EX



MODEL: IL 154 Plan 6 [Sheet]
FILE NAME: c:\pwworking\lochner-cw\0140186573\0978786-sh-cm_Plan.dgn



USER NAME = ALAU	DESIGNED - KD	REVISED -
	DRAWN - KD	REVISED -
	CHECKED - AL	REVISED -
PLOT DATE = 05/07/2025	DATE - 05/07/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE PLAN IL 154 & MULTI-USE PATH			
SCALE: 1"=20'	SHEET 7	OF 8 SHEETS	STA. 386+00.00 R4 TO STA. 391+90.00

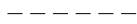
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	142
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



DRAINAGE ITEMS

EX

WETLAND BOUNDARIES



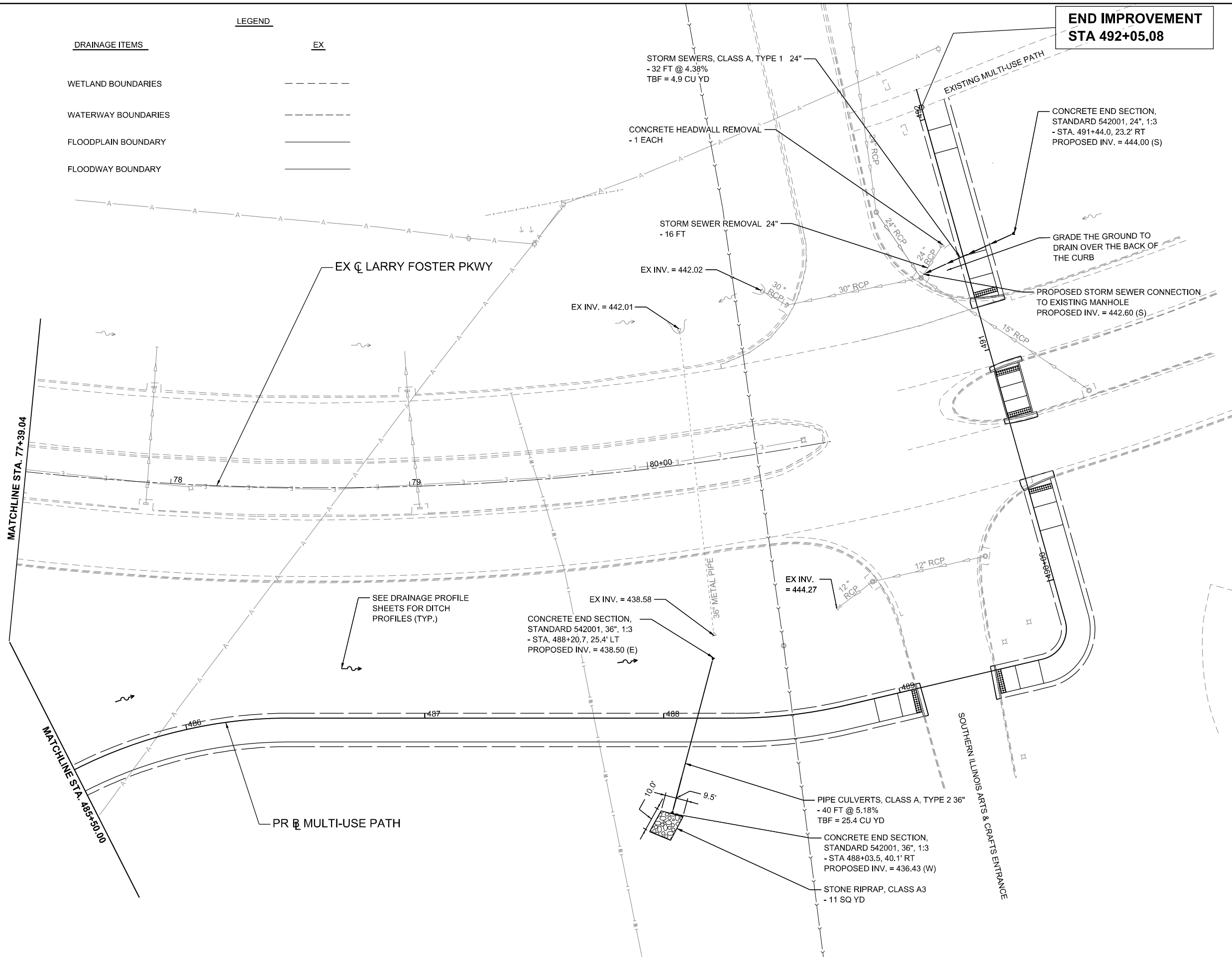
WATERWAY BOUNDARIES



FLOODPLAIN BOUNDARY



FLOODWAY BOUNDARY

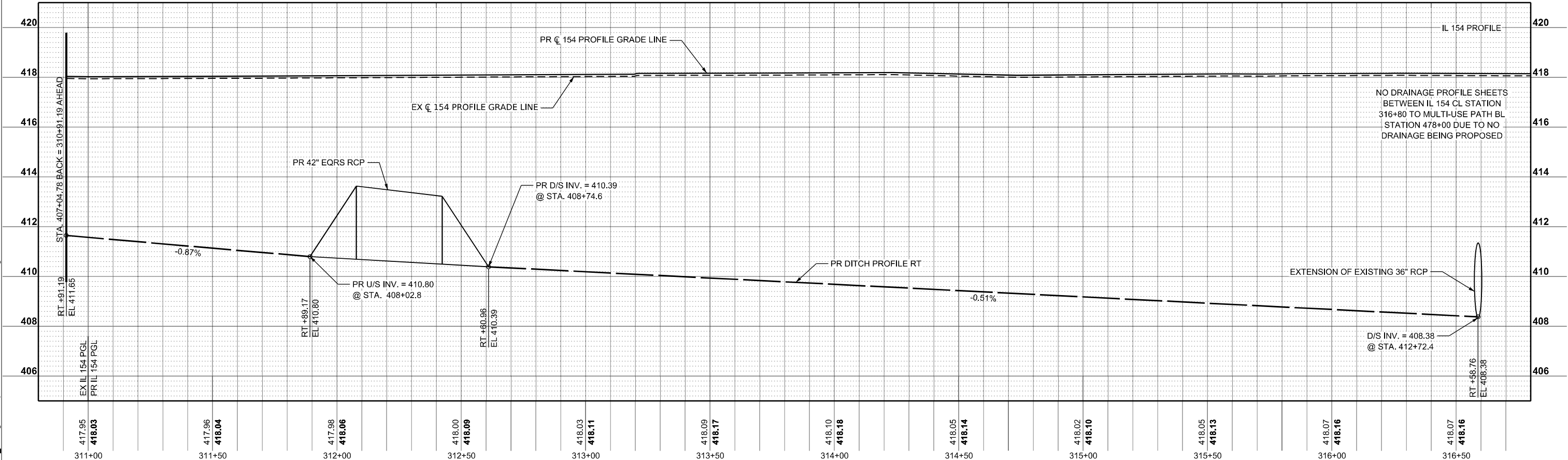
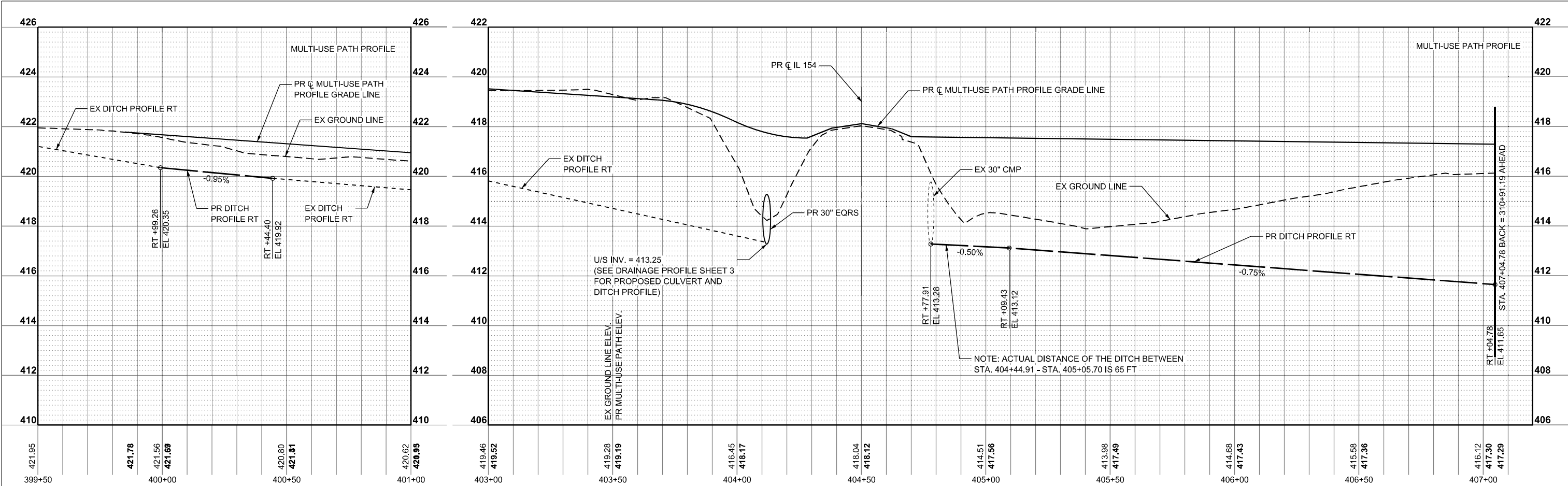


**END IMPROVEMENT
STA 492+05.08**

MODEL: Path - Plan 7 (Sheet)
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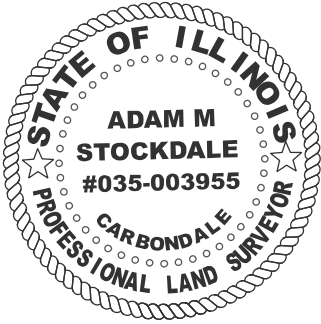
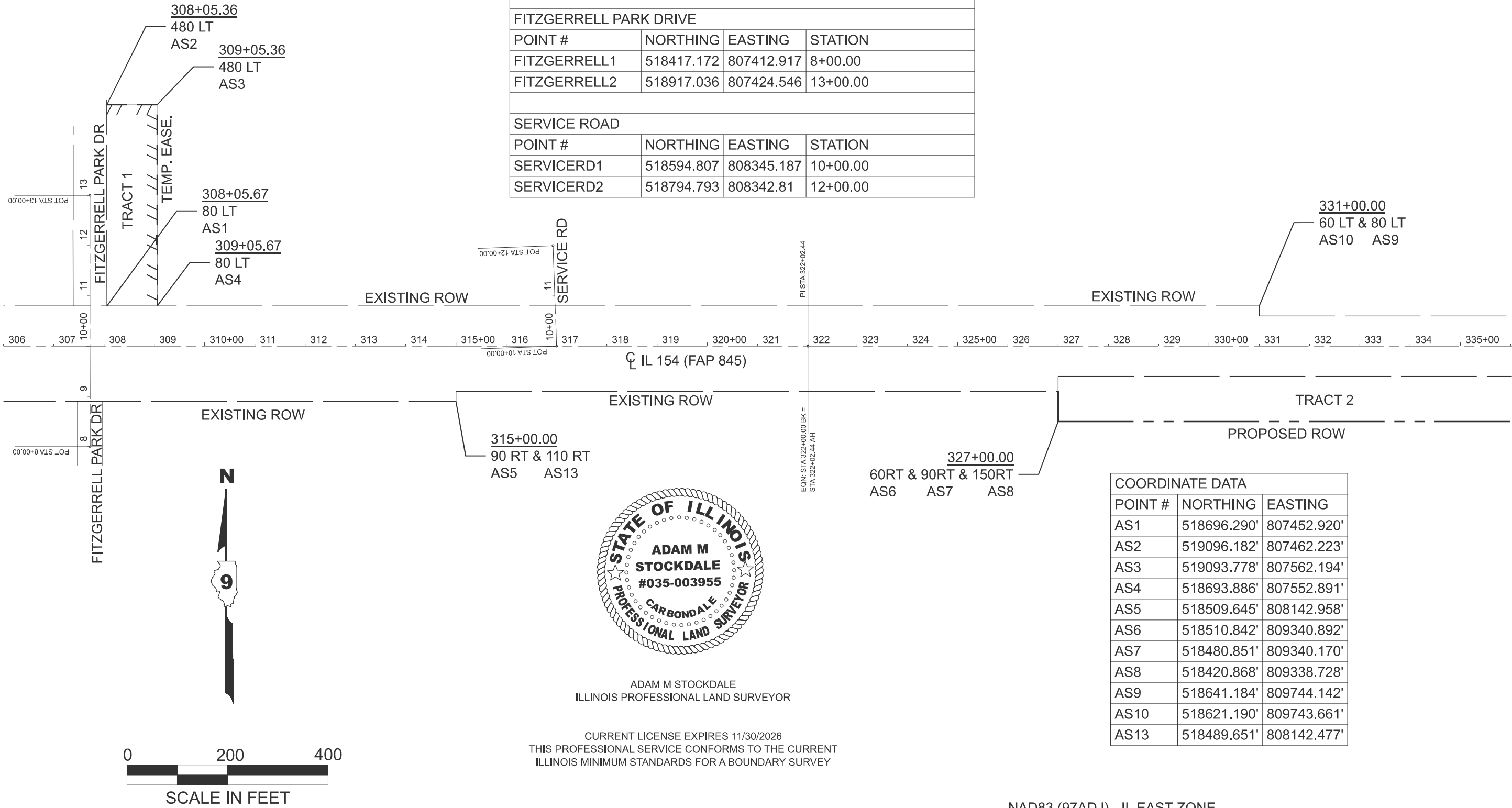
	USER NAME = ALAU	DESIGNED - KD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED DRAINAGE PLAN LARRY FOSTER PKWY AND MULTI-USE PATH				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KD	REVISED -						845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	143
		CHECKED - AL	REVISED -						CONTRACT NO. 78786				
	PLOT DATE = 05/07/2025	DATE - 05/07/2025	REVISED -		SCALE: 1"=20'		SHEET 8 OF 8 SHEETS	STA. 77+39.04 TO STA. 80+77.46		ILLINOIS FED. AID PROJECT			

MODEL: P:\B\Multi - Profile 1 [Sheet]
FILE NAME: c:\p\working\lochner-gw-01\0186573\0978786-sh-cm-Profile.dgn



ALIGNMENT INFO			
IL 154 (FAP 845)			
POINT #	NORTHING	EASTING	STATION
STAEQU1	518764.887	801273.603	246+26.49
STAEQU2	518582.788	808844.92	322+00BK=322+02.44AH
154PC6	518534.204	810864.974	342+23.08
FITZGERRELL PARK DRIVE			
POINT #	NORTHING	EASTING	STATION
FITZGERRELL1	518417.172	807412.917	8+00.00
FITZGERRELL2	518917.036	807424.546	13+00.00
SERVICE ROAD			
POINT #	NORTHING	EASTING	STATION
SERVICERD1	518594.807	808345.187	10+00.00
SERVICERD2	518794.793	808342.81	12+00.00

PARCEL OWNER	TRACT#	PURPOSE	AREA
USA	1	TEMP. EASE.	+/- 0.918 ACRES
USA	2	PROP. ROW	+/- 8.751 ACRES



ADAM M STOCKDALE
ILLINOIS PROFESSIONAL LAND SURVEYOR

CURRENT LICENSE EXPIRES 11/30/2026
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT
ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY

NAD83 (97ADJ) - IL EAST ZONE
REFERENCE TO AN ALIGNMENT DEVELOPED BY IDOT DATED 4/13/2020

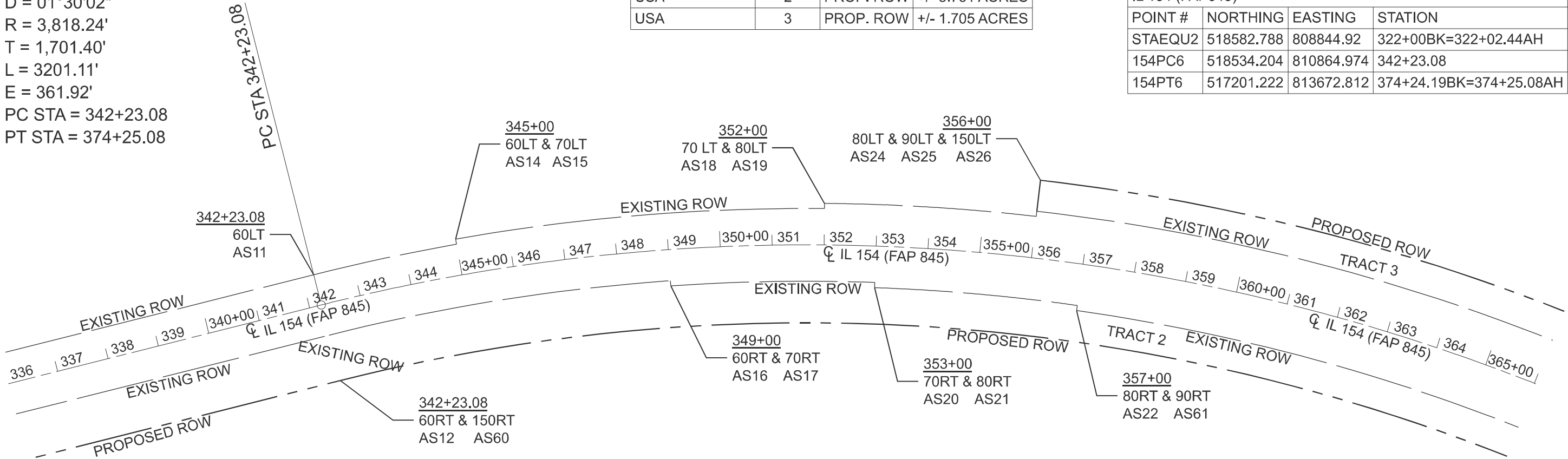
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FILE NAME: c:\p\work\p\work\stockdale\m\1023057\IL154 Proposed ROW.dgn

	USER NAME = adam.stockdale	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY PLANS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					845	112(RS-4.BLP-1);112B-4	FRANKLIN	406	147
		CHECKED -	REVISED -					IL 154; SEC13 - T5S - R2E		CONTRACT NO. 78786		
	PLOT DATE = 4/21/2025	DATE -	REVISED -		SCALE: 1"=200'	SHEET 1 OF 3 SHEETS	PROJECT JOB NO. R-99-005-23 STA. 306+00 TO STA. 336+00	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EX CURVE IL154_6
PI STA = 359+24.48
Δ = 48°02'07" (RT)
D = 01°30'02"
R = 3,818.24'
T = 1,701.40'
L = 3201.11'
E = 361.92'
PC STA = 342+23.08
PT STA = 374+25.08

PARCEL OWNER	TRACT#	PURPOSE	AREA
USA	2	PROP. ROW	+/- 8.751 ACRES
USA	3	PROP. ROW	+/- 1.705 ACRES

ALIGNMENT INFO			
IL 154 (FAP845)			
POINT #	NORTHING	EASTING	STATION
STAEQU2	518582.788	808844.92	322+00BK=322+02.44AH
154PC6	518534.204	810864.974	342+23.08
154PT6	517201.222	813672.812	374+24.19BK=374+25.08AH



ADAM M STOCKDALE
ILLINOIS PROFESSIONAL LAND SURVEYOR

NAD83 (97ADJ) - IL EAST ZONE
REFERENCE TO AN ALIGNMENT DEVELOPED BY IDOT DATED 4/13/2020

CURRENT LICENSE EXPIRES 11/30/2026
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT
ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY

COORDINATE DATA		
POINT #	NORTHING	EASTING
AS11	518594.186'	810866.417'
AS12	518474.221'	810863.531'
AS14	518577.237'	811147.115'
AS15	518587.190'	811148.080'
AS16	518399.395'	811524.721'
AS17	518389.597'	811522.722'
AS18	518453.986'	811847.341'
AS19	518463.597'	811850.103'
AS20	518291.083'	811902.644'
AS21	518281.548'	811899.631'
AS22	518144.213'	812266.189'
AS24	518330.419'	812236.029'
AS25	518339.713'	812239.722'
AS26	518395.328'	812262.237'
AS60	518384.247'	810861.367'
AS61	518135.045'	812262.195'

MODEL: IL 154 - Plan 2-1 [Sheet]
FILE NAME: c:\p\work\ilstockdale\m\1023057\IL154 Proposed ROW.dgn

USER NAME = adam.stockdale	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 5/8/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS		
PROJECT	JOB NO. R-99-005-23	
SCALE: 1"=200'	SHEET 2 OF 3 SHEETS	STA. 336+00 TO STA. 366+00

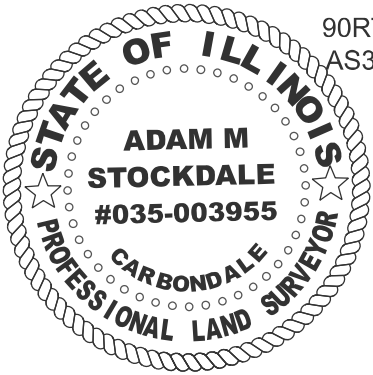
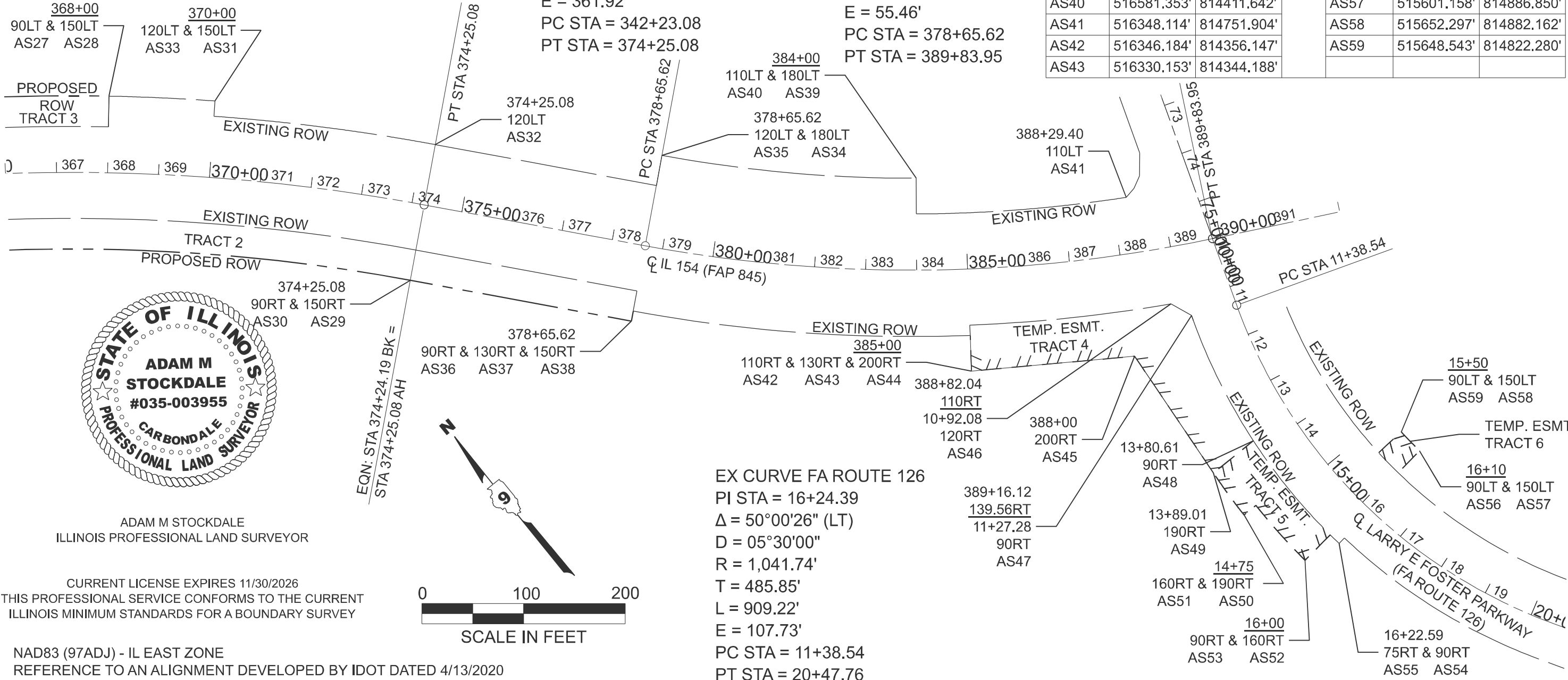
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4.BLP-1);112B-4	FRANKLIN	406	148
IL 154: SEC13-T5S-R2E, SEC18-T5S-R3E CONTRACT NO. 78786				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ALIGNMENT INFO			
IL 154 (FAP 845)			
POINT #	NORTHING	EASTING	STATION
154PC6	518534.204	810864.974	342+23.08
154PT6	517201.222	813672.812	374+24.19BK=374+25.08AH
154PC9	516866.667	813959.429	378+65.62
154PT9	516179.036	814832.367	389+83.95

LARRY E FOSTER PARKWAY (FA ROUTE 126)			
POINT #	NORTHING	EASTING	STATION
FA ROUTE126-1	516179.049	814832.347	10+00
FA ROUTE126-PC	516047.986	814787.426	11+38.54
FA ROUTE126-PT	515172.112	814878.874	20+47.76
FA ROUTE126-2	516462.413	814930.73	72+77.46
FAROUTE126-3	516063.258	814792.573	75+77.46

PARCEL OWNER	TRACT#	PURPOSE	AREA
USA	2	PROP. ROW	+/- 8.751 ACRES
USA	3	PROP. ROW	+/- 1.705 ACRES
USA	4	TEMP. EASE.	+/- 1.493 ACRES
RLCD	5	TEMP. EASE.	+/- 0.459 ACRES
RLCD	6	TEMP. EASE.	+/- 0.073 ACRES

COORDINATE DATA			
POINT #	NORTHING	EASTING	
AS27	517708.912'	813287.767'	
AS28	517754.844'	813326.371'	
AS29	517103.632'	813558.899'	
AS30	517142.668'	813604.465'	
AS31	517617.001'	813481.916'	
AS32	517279.294'	813763.943'	
AS33	517595.078'	813461.438'	
AS34	516983.775'	814096.125'	
AS35	516944.739'	814050.560'	
AS36	516808.112'	813891.082'	
AS37	516782.088'	813860.705'	
AS38	516769.076'	813845.517'	
AS39	516635.965'	814455.432'	
AS40	516581.353'	814411.642'	
AS41	516348.114'	814751.904'	
AS42	516346.184'	814356.147'	
AS43	516330.153'	814344.188'	
POINT #	NORTHING	EASTING	
AS44	516274.046'	814302.331'	
AS45	516095.943'	814569.149'	
AS46	516130.841'	814688.980'	
AS47	516087.826'	814705.941'	
AS48	515821.066'	814646.068'	
AS49	515821.169'	814545.617'	
AS50	515719.654'	814540.469'	
AS51	515719.372'	814570.468'	
AS52	515575.444'	814577.758'	
AS53	515583.171'	814647.330'	
AS54	515558.806'	814650.304'	
AS55	515560.784'	814665.173'	
AS56	515593.963'	814827.282'	
AS57	515601.158'	814886.850'	
AS58	515652.297'	814882.162'	
AS59	515648.543'	814822.280'	



ADAM M STOCKDALE
ILLINOIS PROFESSIONAL LAND SURVEYOR

CURRENT LICENSE EXPIRES 11/30/2026
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT
ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY

NAD83 (97ADJ) - IL EAST ZONE
REFERENCE TO AN ALIGNMENT DEVELOPED BY IDOT DATED 4/13/2020

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS

PROJECT	JOB NO. R-99-005-23
SCALE: 1"=200'	SHEET 3 OF 3 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4.BLP-1);112B-4	FRANKLIN	406	149
IL 154; SEC 18 & 19 - T5S - R3E				
CONTRACT NO. 78786				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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MODEL: IL154.Ln1scsp.2 [Sheet]
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QUIGG ENGINEERING INC

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PLOT DATE	= 5/5/2025

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DRAWN -	SL
CHECKED -	SMK
DATE -	05/07/2025

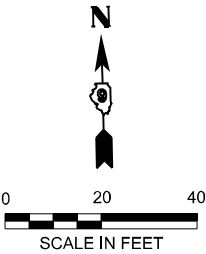
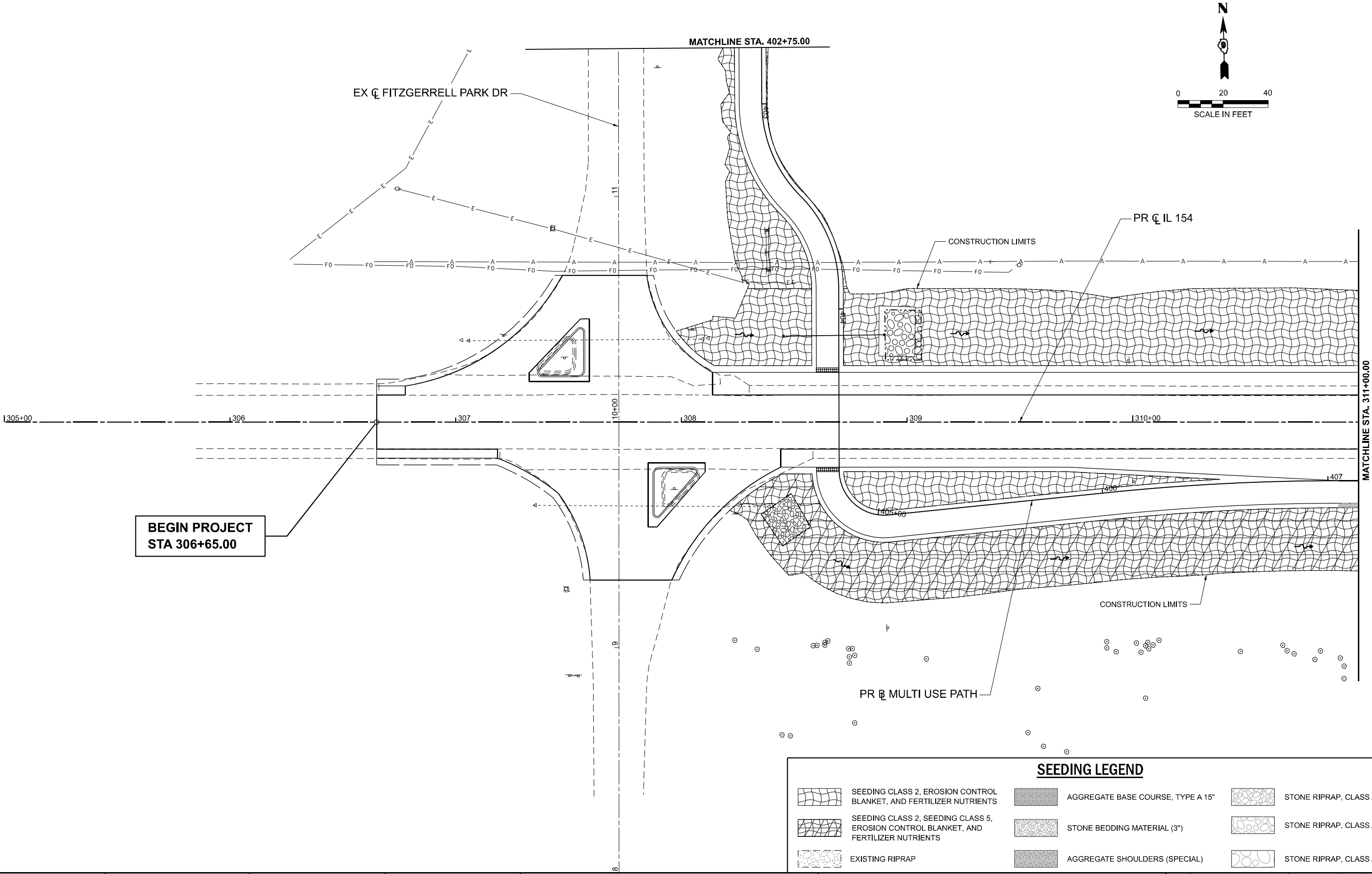
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REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL SEEDING PLANS (WEST)
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 1 OF 19 SHEETS STA. 305+00.00 R2 TO STA. 311+00.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	150
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



SEEDING LEGEND

	SEEDING CLASS 2, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		AGGREGATE BASE COURSE, TYPE A 15"		STONE RIPRAP, CLASS A3
	SEEDING CLASS 2, SEEDING CLASS 5, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		STONE BEDDING MATERIAL (3")		STONE RIPRAP, CLASS A4
	EXISTING RIPRAP		AGGREGATE SHOULDERS (SPECIAL)		STONE RIPRAP, CLASS A5

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FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38 D9 - QEI - Var PH I\IWO3 IL154 Rend Lake Rdwy PH I\ICADD\CADD Sheets\DS78786-shH-Lnscsp.dgn



USER NAME	= TOverton
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PLOT DATE	= 5/5/2025

DESIGNED	-	SL
DRAWN	-	SL
CHECKED	-	SMK
DATE	-	05/07/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL SEEDING PLANS (WEST)
IL 154 & MULTI-USE PATH

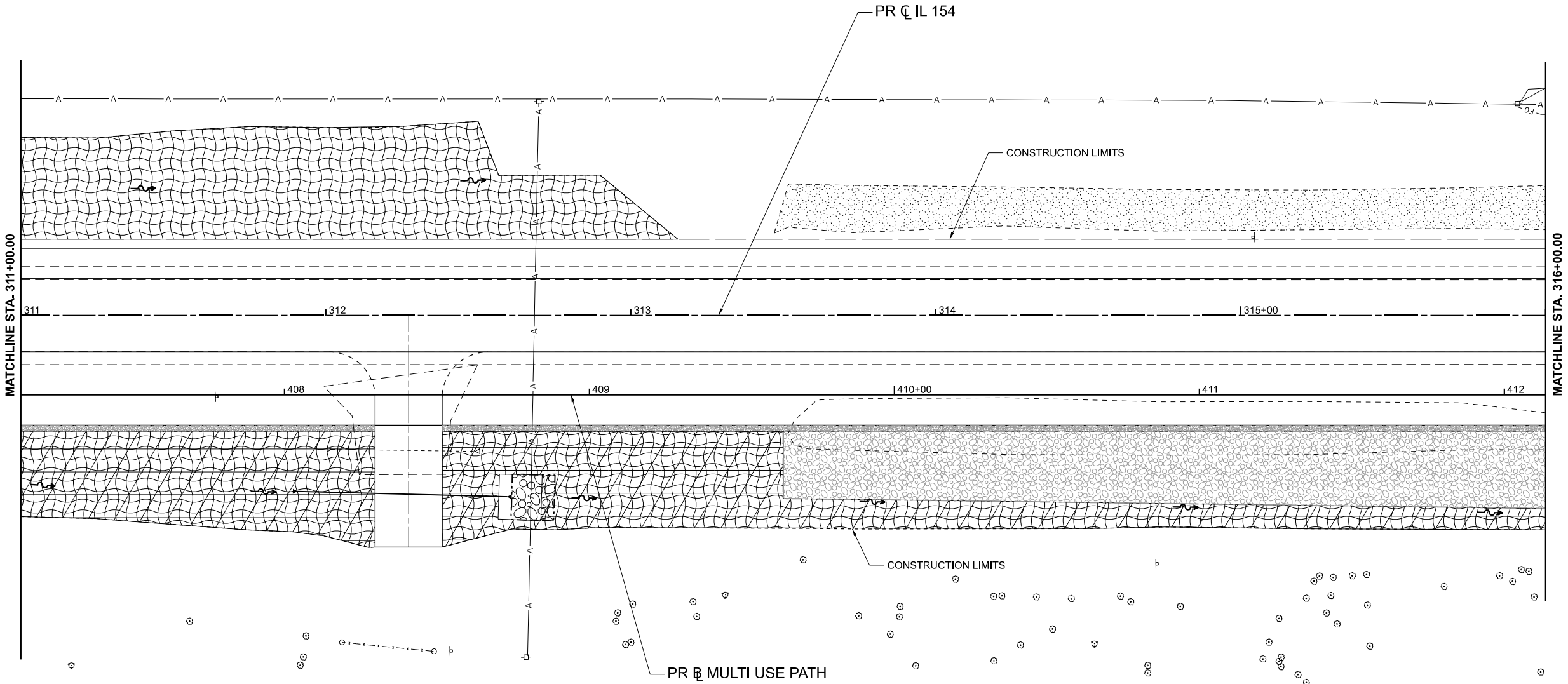
SCALE: 1"=20' SHEET 2 OF 19 SHEETS STA. 311+00.00 R2 TO STA. 316+00.00 R2

SEEDING LEGEND

	SEEDING CLASS 2, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		AGGREGATE BASE COURSE, TYPE A 15"		STONE RIPRAP, CLASS A3
	SEEDING CLASS 2, SEEDING CLASS 5, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		STONE BEDDING MATERIAL (3")		STONE RIPRAP, CLASS A4
	EXISTING RIPRAP		AGGREGATE SHOULDERS (SPECIAL)		STONE RIPRAP, CLASS A5



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SCALE IN FEET



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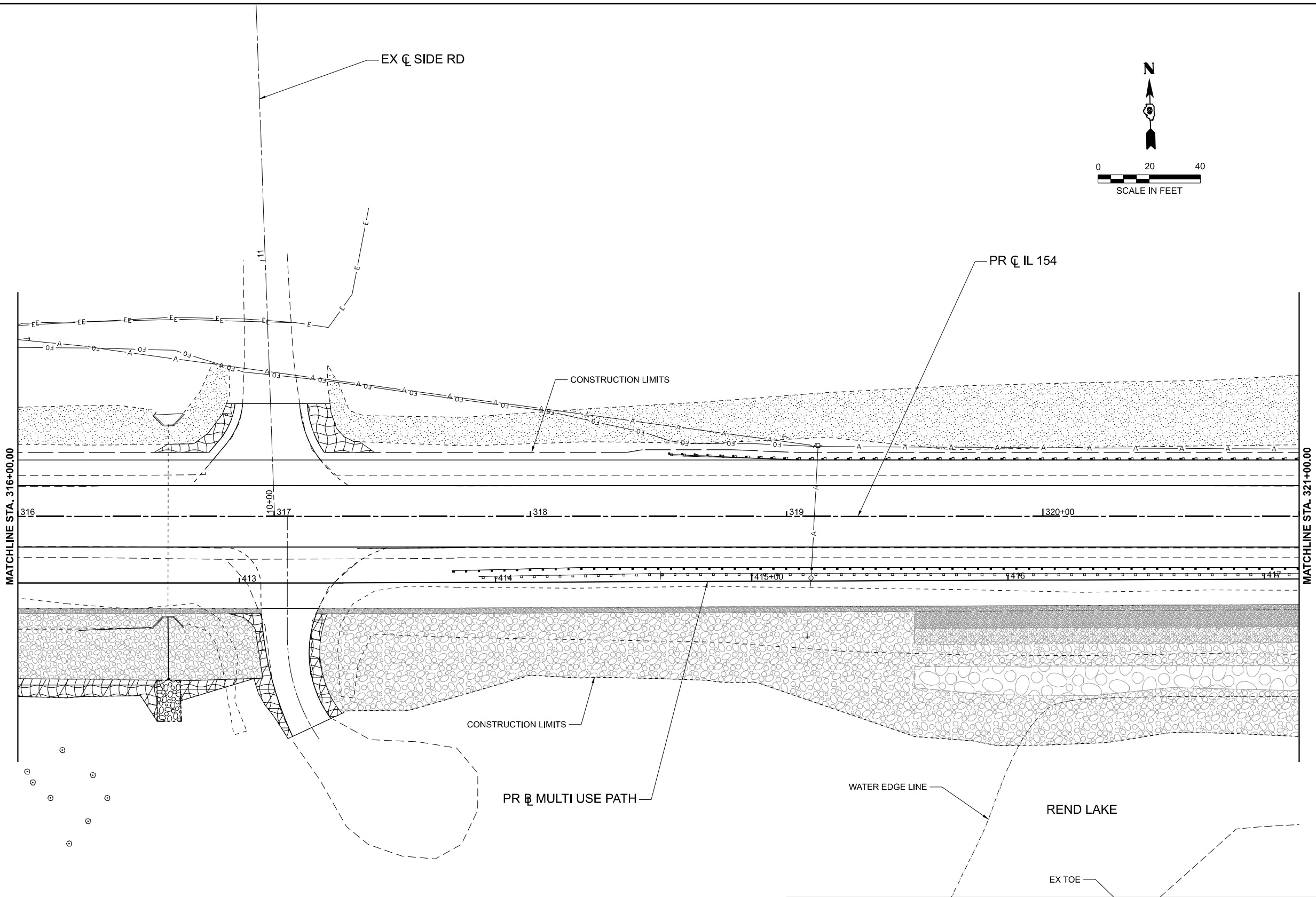
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PLOT DATE	= 5/5/2025	DATE	= 05/07/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL SEEDING PLANS (WEST)
IL 154 & MULTI-USE PATH

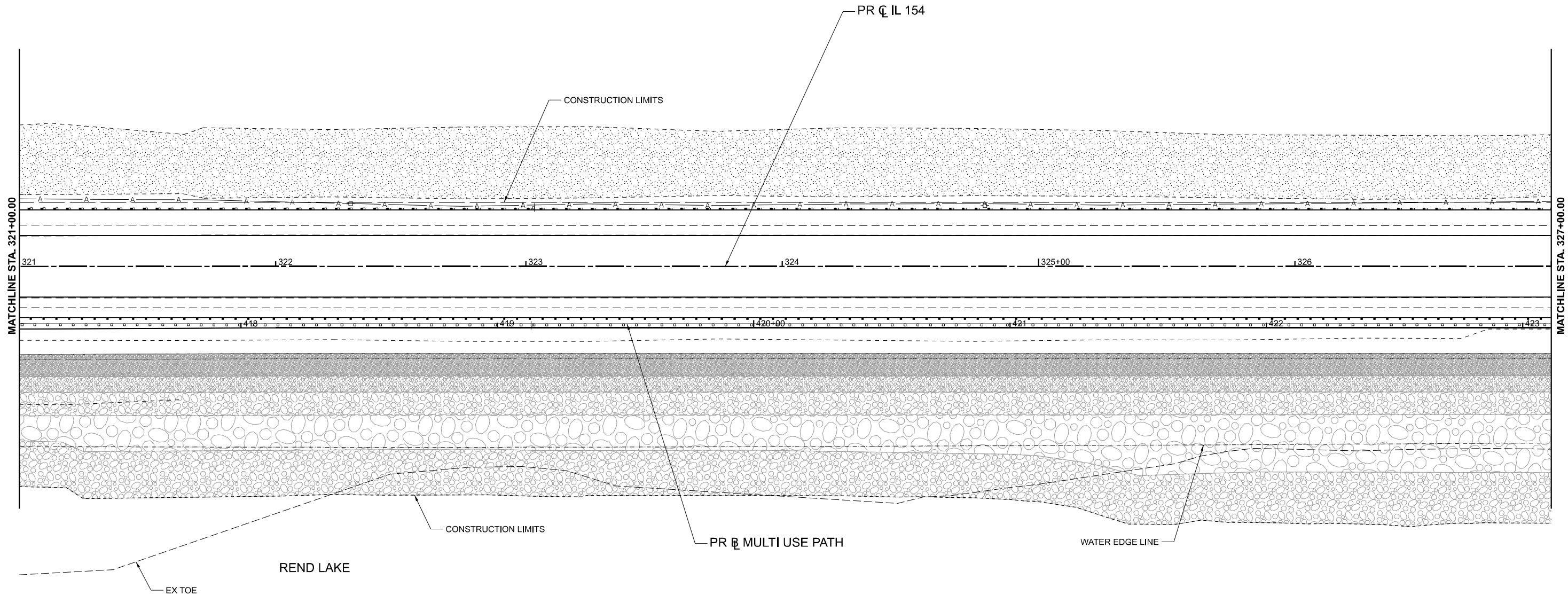
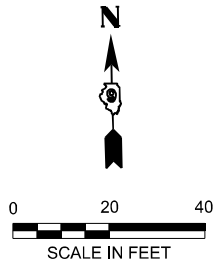
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	152
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



SEEDING LEGEND

	SEEDING CLASS 2, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		AGGREGATE BASE COURSE, TYPE A 15"		STONE RIPRAP, CLASS A3
	SEEDING CLASS 2, SEEDING CLASS 5, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		STONE BEDDING MATERIAL (3")		STONE RIPRAP, CLASS A4
	EXISTING RIPRAP		AGGREGATE SHOULDERS (SPECIAL)		STONE RIPRAP, CLASS A5



SEEDING LEGEND

	SEEDING CLASS 2, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		AGGREGATE BASE COURSE, TYPE A 15"		STONE RIPRAP, CLASS A3
	SEEDING CLASS 2, SEEDING CLASS 5, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		STONE BEDDING MATERIAL (3")		STONE RIPRAP, CLASS A4
	EXISTING RIPRAP		AGGREGATE SHOULDERS (SPECIAL)		STONE RIPRAP, CLASS A5

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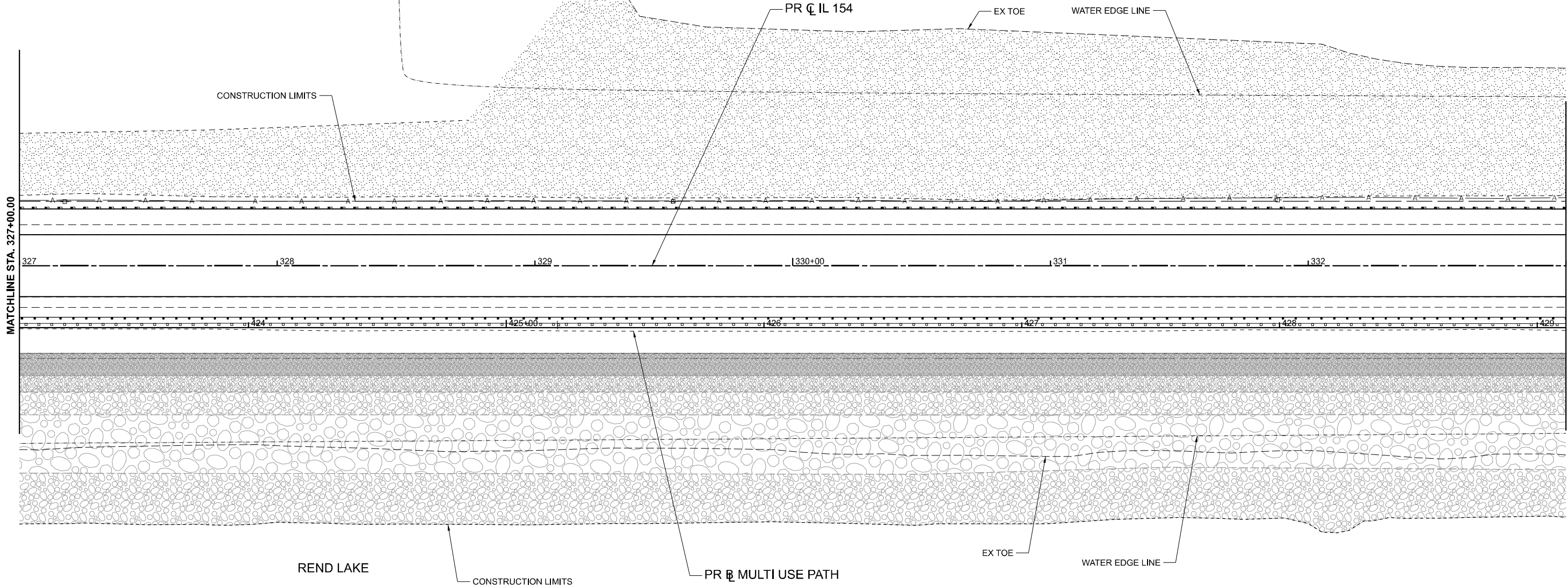
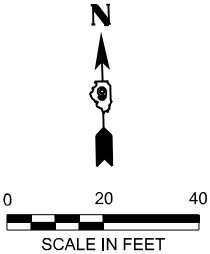
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL SEEDING PLANS (WEST)
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 4 OF 19 SHEETS STA. 321+00.00 R2 TO STA. 327+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	153
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

MODEL: IL 154 Lindscop 6 [Sheet]
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SEEDING LEGEND

	SEEDING CLASS 2, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		AGGREGATE BASE COURSE, TYPE A 15"		STONE RIPRAP, CLASS A3
	SEEDING CLASS 2, SEEDING CLASS 5, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		STONE BEDDING MATERIAL (3")		STONE RIPRAP, CLASS A4
	EXISTING RIPRAP		AGGREGATE SHOULDERS (SPECIAL)		STONE RIPRAP, CLASS A5



QUIGG ENGINEERING INC

USER NAME = TOverton	DESIGNED - SL	REVISED -
DRAWN - SL	REVISED -	
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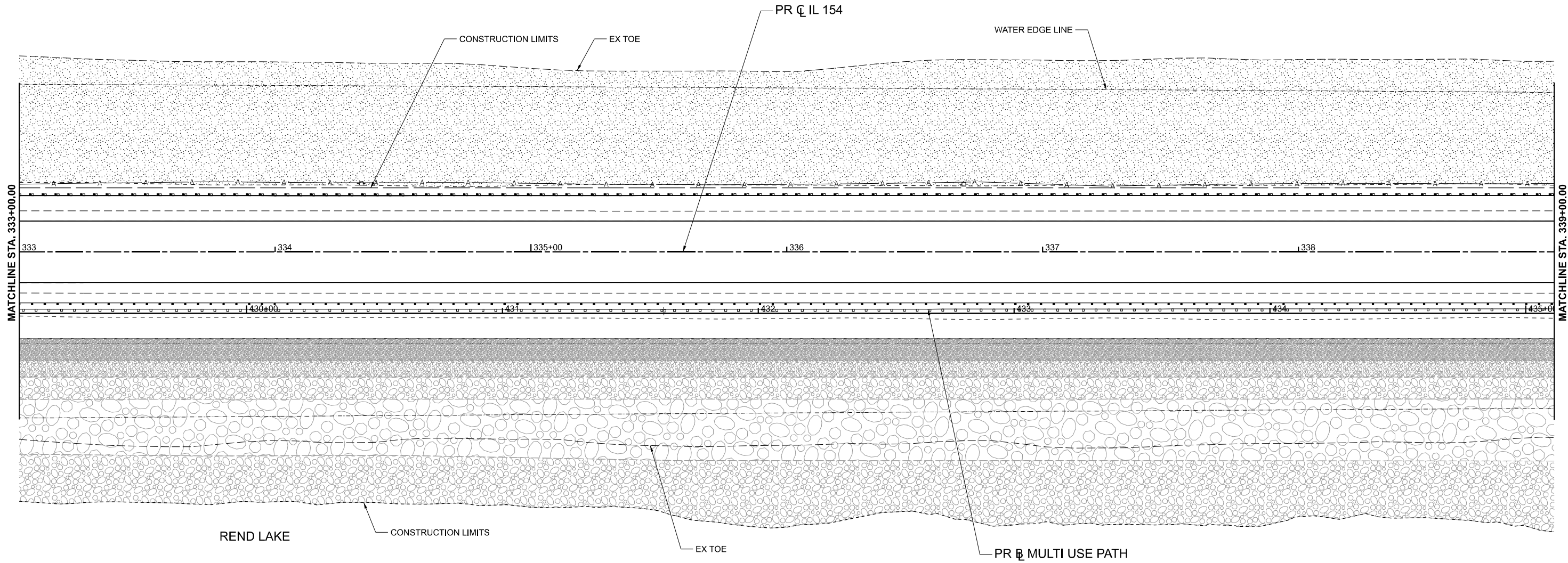
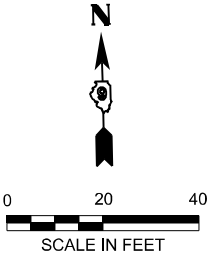
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL SEEDING PLANS (WEST)
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 5 OF 19 SHEETS STA. 327+00.00 R3 TO STA. 333+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	154
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

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FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 209-38 D9 - QEI - Var PH I\IWO3 IL154 Rend Lake Rwy PH I\ICADD\ICADD Sheets\DS78786-shH-Lnsdscp.dgn



SEEDING LEGEND

	SEEDING CLASS 2, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		AGGREGATE BASE COURSE, TYPE A 15"		STONE RIPRAP, CLASS A3
	SEEDING CLASS 2, SEEDING CLASS 5, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		STONE BEDDING MATERIAL (3")		STONE RIPRAP, CLASS A4
	EXISTING RIPRAP		AGGREGATE SHOULDERS (SPECIAL)		STONE RIPRAP, CLASS A5



QUIGG ENGINEERING INC

USER NAME = TOverton	DESIGNED - SL	REVISED -
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PLOT SCALE = 0.16666633' / in.	CHECKED - SMK	REVISED -
PLOT DATE = 5/5/2025	DATE - 05/07/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**FINAL SEEDING PLANS (WEST)
IL 154 & MULTI-USE PATH**

SCALE: 1"=20' SHEET 6 OF 19 SHEETS STA. 333+00.00 R3 TO STA. 339+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	155
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

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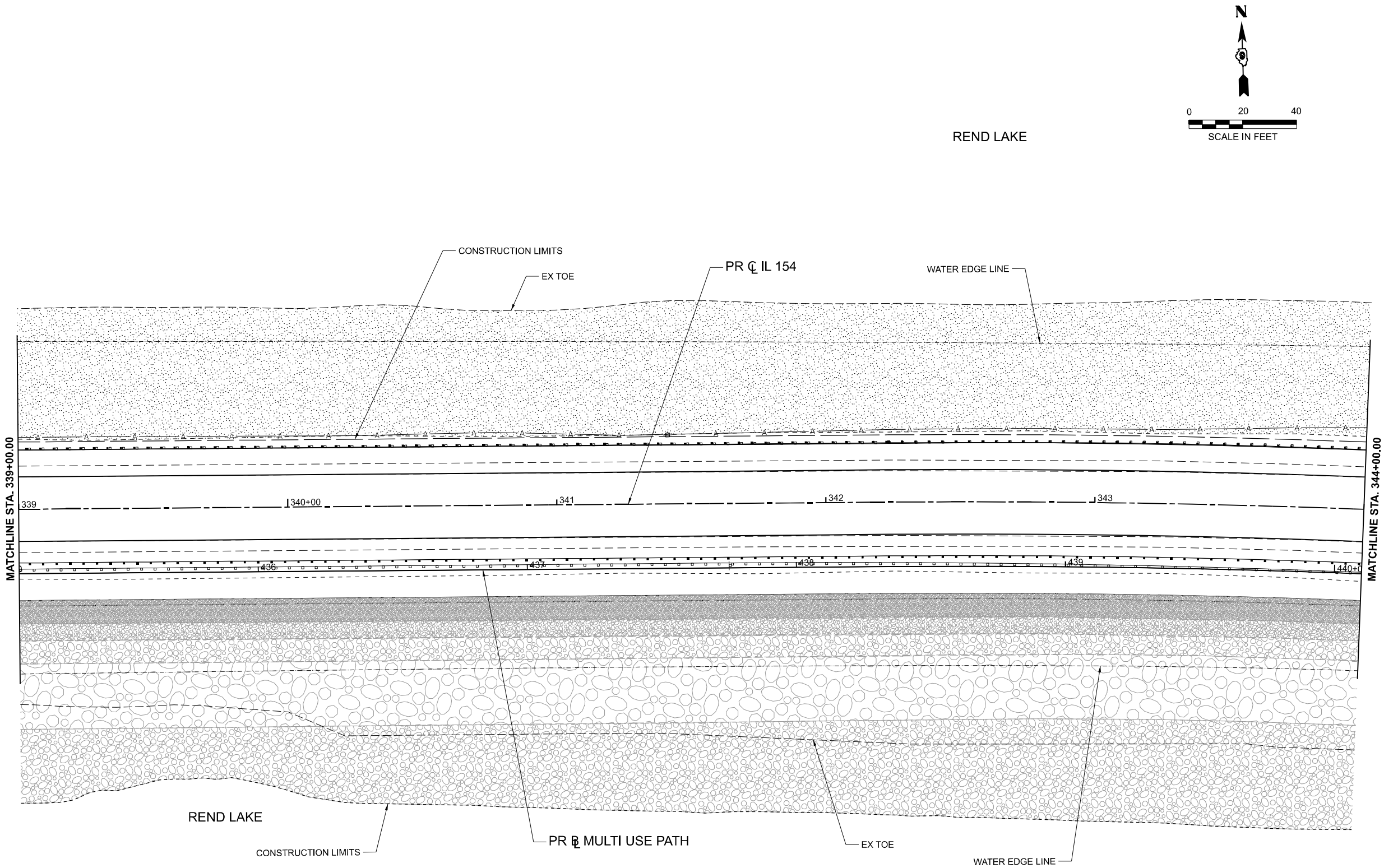
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL SEEDING PLANS (WEST)
IL 154 & MULTI-USE PATH

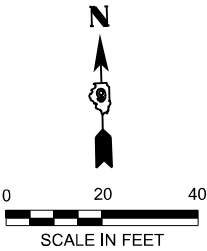
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SEEDING LEGEND

	SEEDING CLASS 2, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		AGGREGATE BASE COURSE, TYPE A 15"		STONE RIPRAP, CLASS A3
	SEEDING CLASS 2, SEEDING CLASS 5, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		STONE BEDDING MATERIAL (3")		STONE RIPRAP, CLASS A4
	EXISTING RIPRAP		AGGREGATE SHOULDERS (SPECIAL)		STONE RIPRAP, CLASS A5



REND LAKE



SCALE IN FEET

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QUIGG ENGINEERING INC

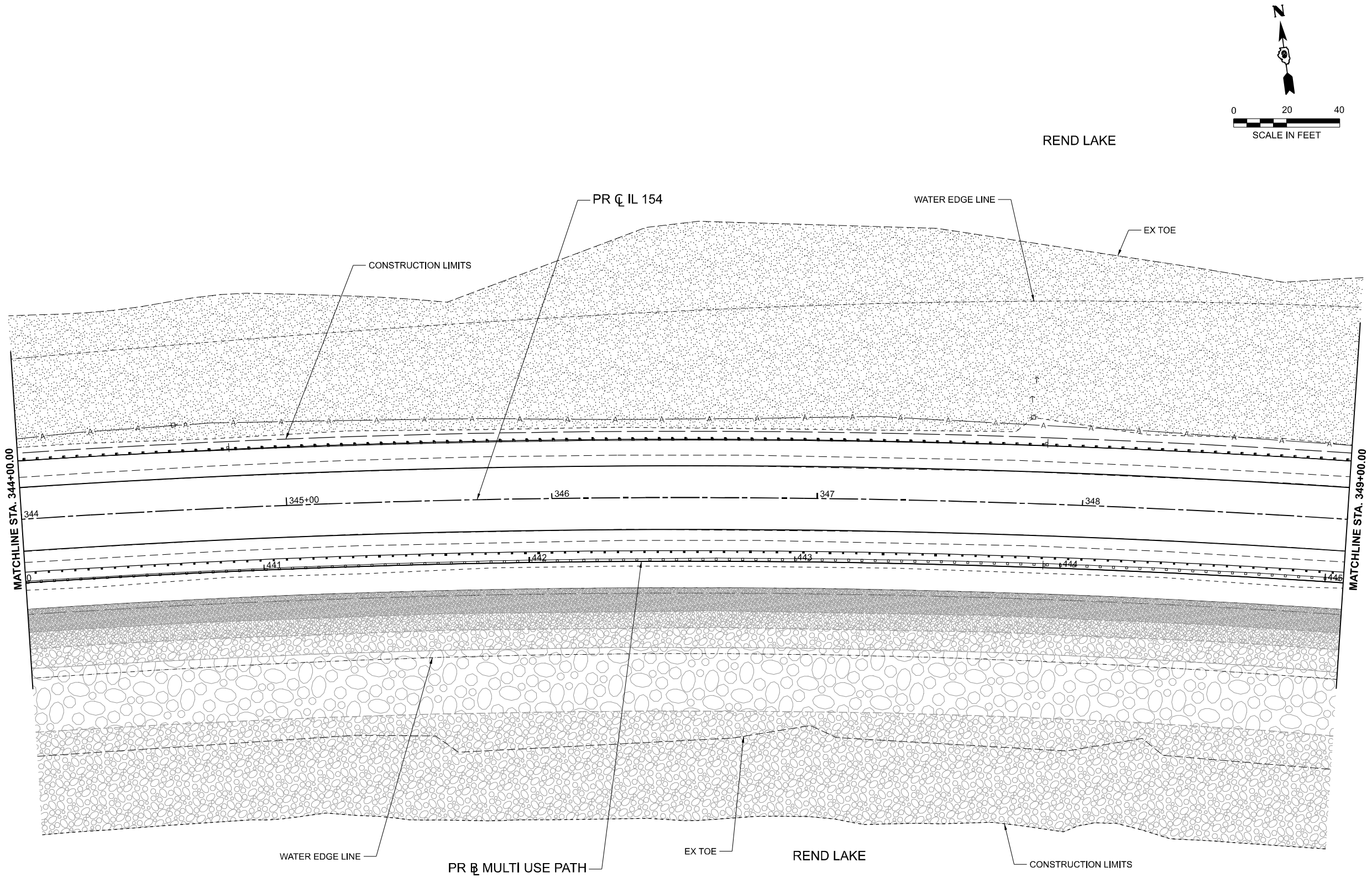
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL SEEDING PLANS (WEST)
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 8 OF 19 SHEETS STA. 344+00.00 R3 TO STA. 349+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	157
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



SEEDING LEGEND

	SEEDING CLASS 2, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		AGGREGATE BASE COURSE, TYPE A 15"		STONE RIPRAP, CLASS A3
	SEEDING CLASS 2, SEEDING CLASS 5, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		STONE BEDDING MATERIAL (3")		STONE RIPRAP, CLASS A4
	EXISTING RIPRAP		AGGREGATE SHOULDERS (SPECIAL)		STONE RIPRAP, CLASS A5

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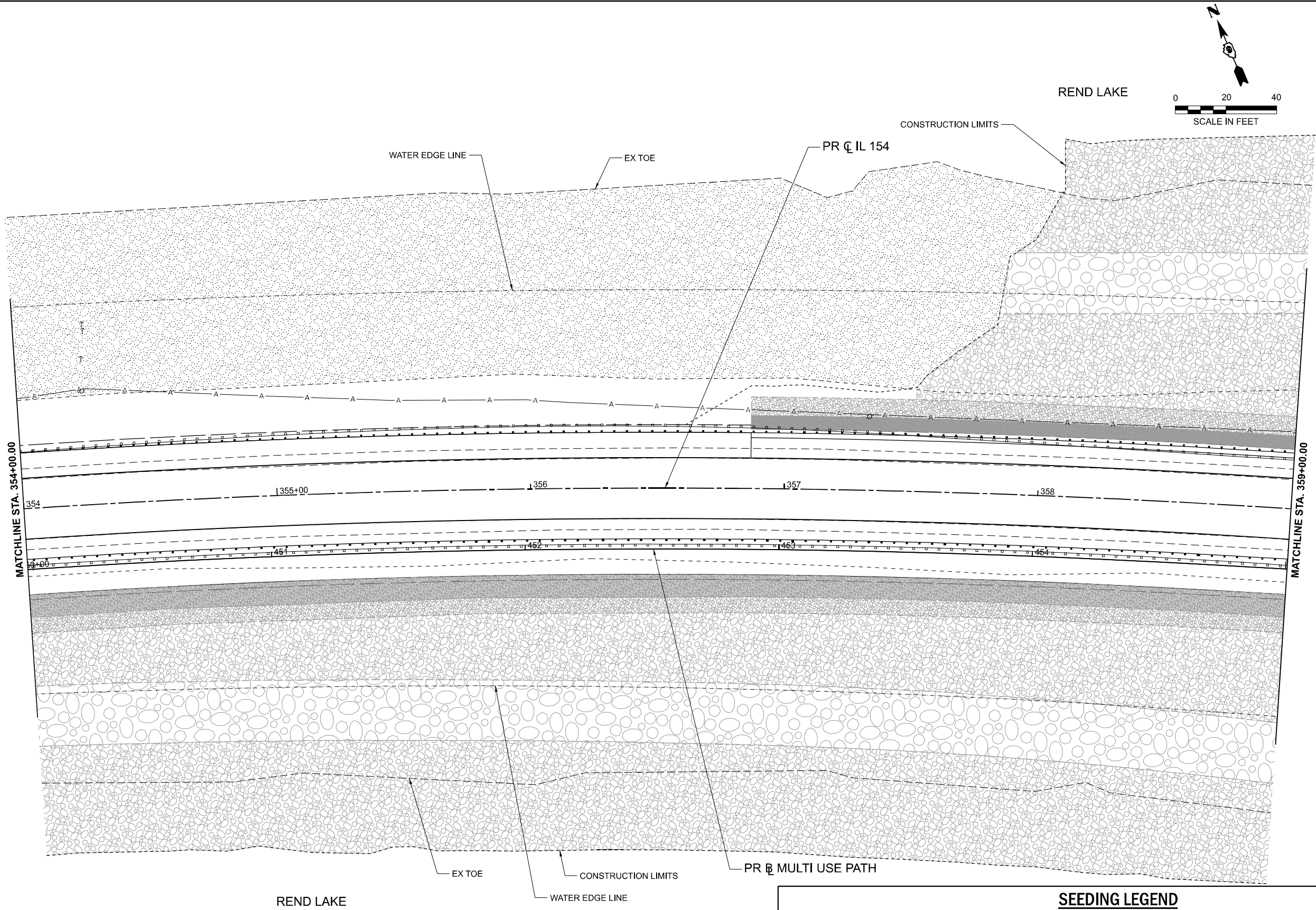
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL SEEDING PLANS (WEST)
IL 154 & MULTI-USE PATH

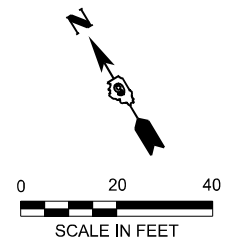
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	159
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



SEEDING LEGEND

	SEEDING CLASS 2, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		AGGREGATE BASE COURSE, TYPE A 15"		STONE RIPRAP, CLASS A3
	SEEDING CLASS 2, SEEDING CLASS 5, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		STONE BEDDING MATERIAL (3")		STONE RIPRAP, CLASS A4
	EXISTING RIPRAP		AGGREGATE SHOULDERS (SPECIAL)		STONE RIPRAP, CLASS A5



SEEDING LEGEND

	SEEDING CLASS 2, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		AGGREGATE BASE COURSE, TYPE A 15"		STONE RIPRAP, CLASS A3
	SEEDING CLASS 2, SEEDING CLASS 5, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		STONE BEDDING MATERIAL (3")		STONE RIPRAP, CLASS A4
	EXISTING RIPRAP		AGGREGATE SHOULDERS (SPECIAL)		STONE RIPRAP, CLASS A5

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL SEEDING PLANS (WEST) IL 154 & MULTI-USE PATH

SCALE: 1"=20'	SHEET 11	OF 19	SHEETS	STA. 359+00.00 R3	TO STA. 365+00.00 R3
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	160
		CONTRACT NO. 78786		
3		ILLINOIS	FED. AID PROJECT	

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QUIGG ENGINEERING INC

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QUIGG ENGINEERING INC

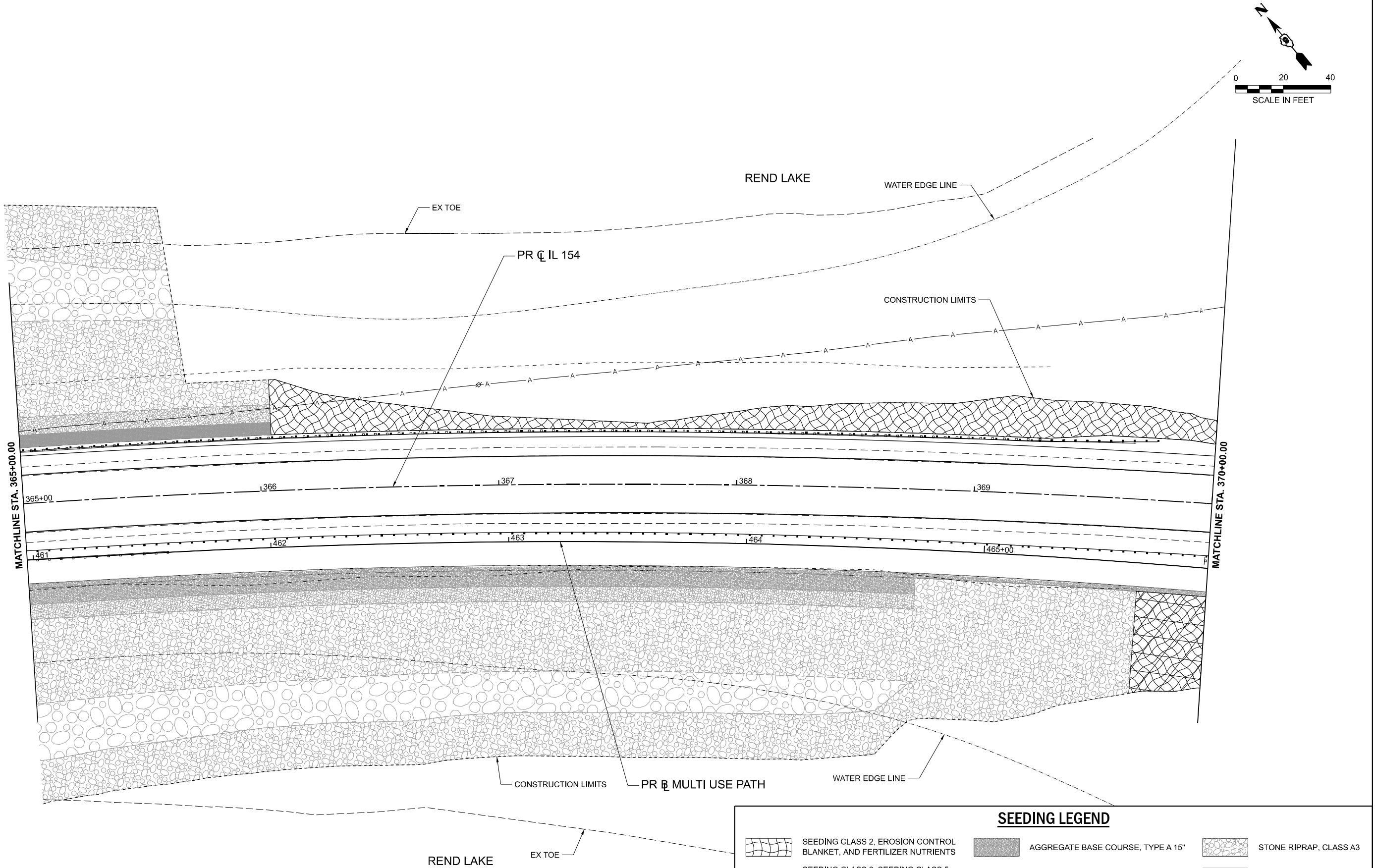
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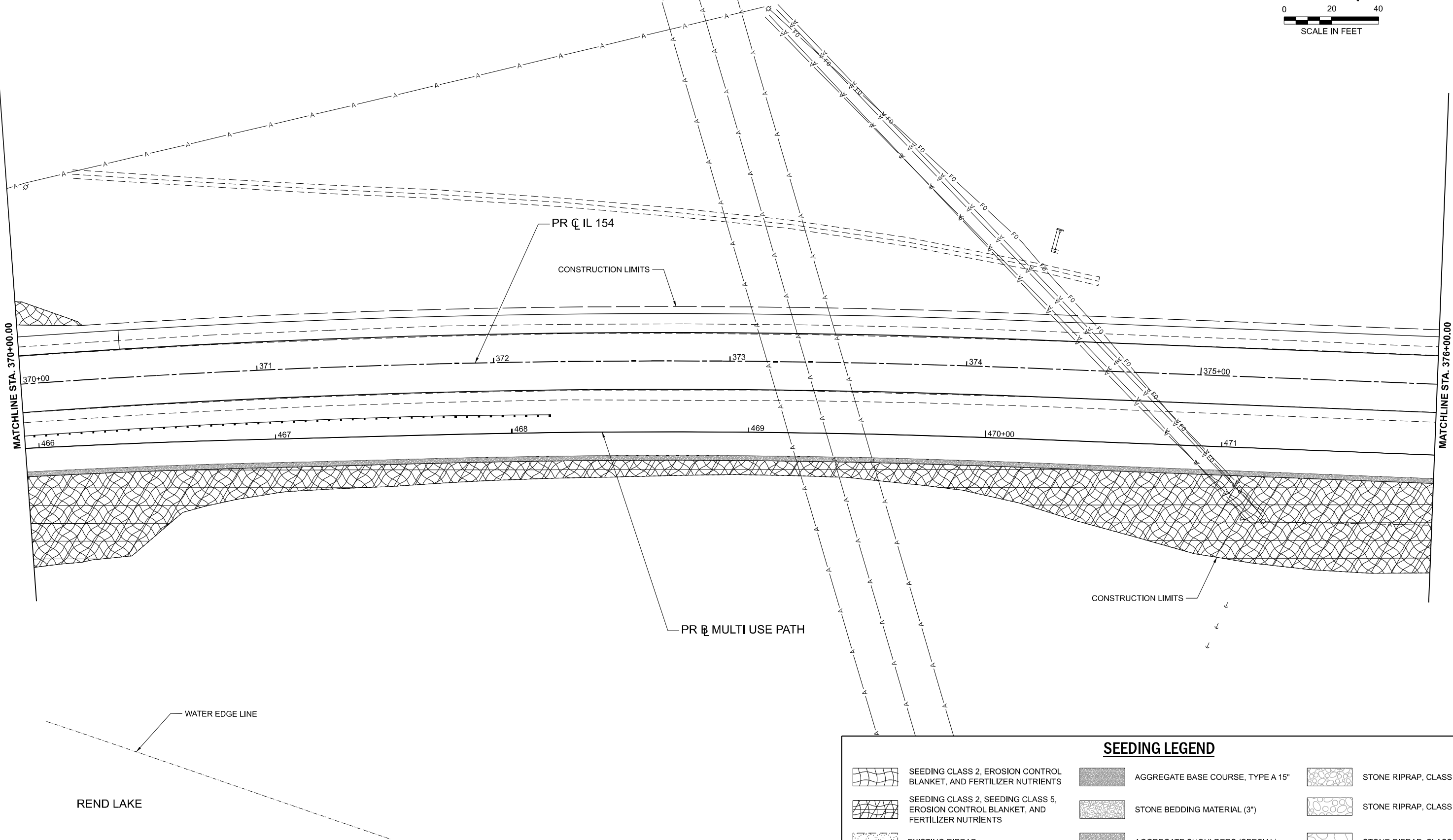
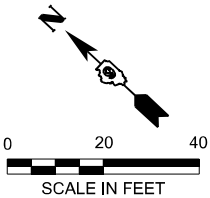
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL SEEDING PLANS (WEST)
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 12 OF 19 SHEETS STA. 365+00.00 R3 TO STA. 370+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	161
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				





SEEDING LEGEND

	SEEDING CLASS 2, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		AGGREGATE BASE COURSE, TYPE A 15"		STONE RIPRAP, CLASS A3
	SEEDING CLASS 2, SEEDING CLASS 5, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		STONE BEDDING MATERIAL (3")		STONE RIPRAP, CLASS A4
	EXISTING RIPRAP		AGGREGATE SHOULDERS (SPECIAL)		STONE RIPRAP, CLASS A5

MODEL: IL154.Lndscp 14 [Sheet]
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38 D9 - QEI - Var PH I\IWO3 IL154 Rend Lake Rdwy PH IICADD\CADD Sheets\DS78786-srh-Lndscp.dgn



USER NAME	= TOverton
PLOT SCALE	= 0.16666633' / in.
PLOT DATE	= 5/5/2025

DESIGNED	-	SL
DRAWN	-	SL
CHECKED	-	SMK
DATE	-	05/07/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL SEEDING PLANS (WEST)
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 13 OF 19 SHEETS STA. 370+00.00 R3 TO STA. 376+00.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	162
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

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USER NAME	= TOverton
PLOT SCALE	= 0.16666633''/lin.
PLOT DATE	= 5/5/2025

DESIGNED	-	SL
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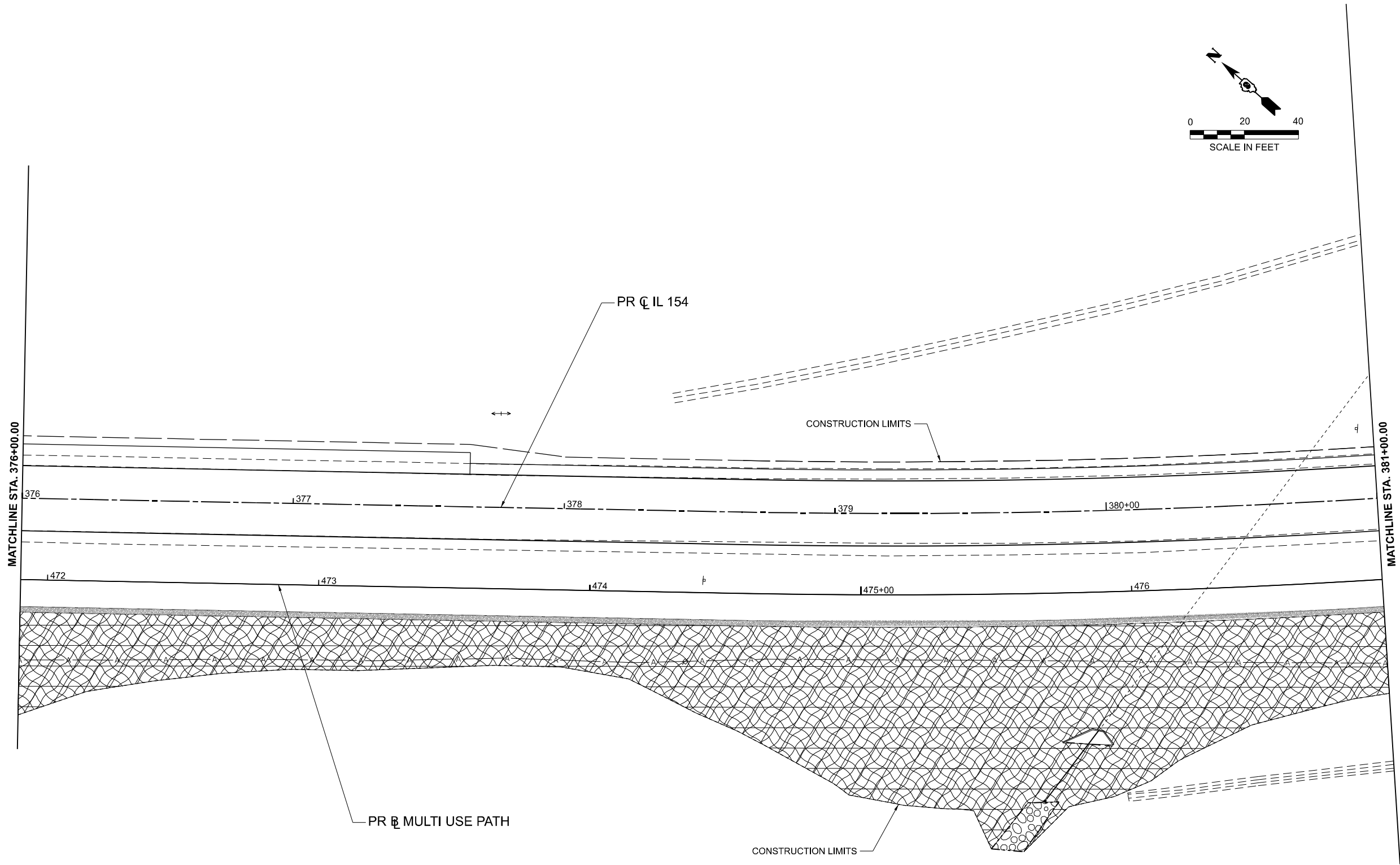
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

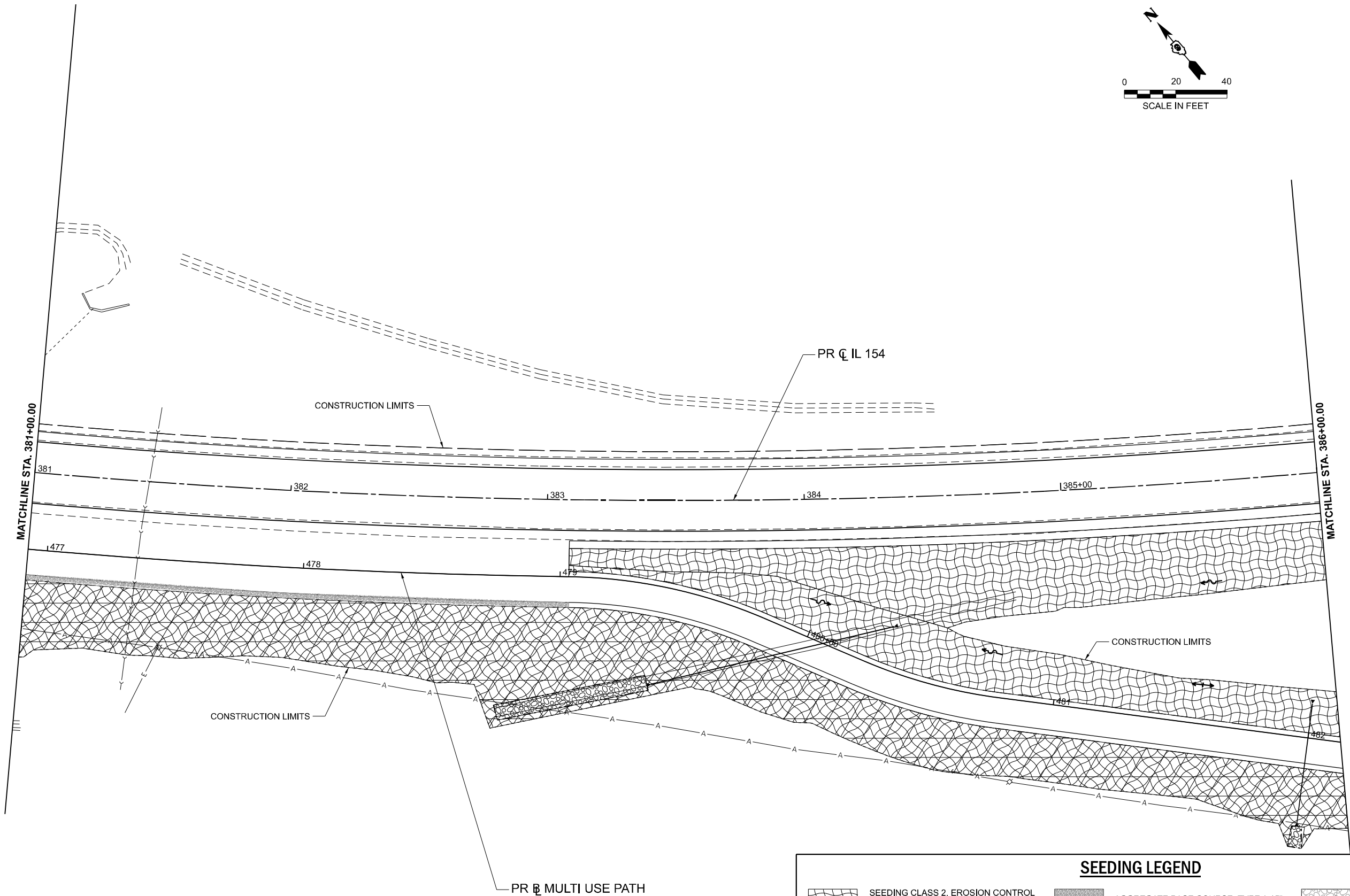
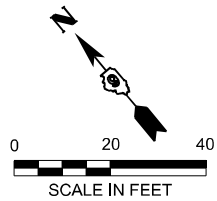
FINAL SEEDING PLANS (WEST)
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 14 OF 19 SHEETS STA. 376+00.00 R4 TO STA. 381+00.00 R4

SEEDING LEGEND

	SEEDING CLASS 2, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		AGGREGATE BASE COURSE, TYPE A 15"		STONE RIPRAP, CLASS A3
	SEEDING CLASS 2, SEEDING CLASS 5, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		STONE BEDDING MATERIAL (3")		STONE RIPRAP, CLASS A4
	EXISTING RIPRAP		AGGREGATE SHOULDERS (SPECIAL)		STONE RIPRAP, CLASS A5





SEEDING LEGEND

	SEEDING CLASS 2, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		AGGREGATE BASE COURSE, TYPE A 15"		STONE RIPRAP, CLASS A3
	SEEDING CLASS 2, SEEDING CLASS 5, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		STONE BEDDING MATERIAL (3")		STONE RIPRAP, CLASS A4
	EXISTING RIPRAP		AGGREGATE SHOULDERS (SPECIAL)		STONE RIPRAP, CLASS A5

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FINAL SEEDING PLANS (WEST)
IL 154 & MULTI-USE PATH**

SCALE: 1"=20' SHEET 15 OF 19 SHEETS STA. 381+00.00 R4 TO STA. 386+00.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	164
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

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PLOT SCALE = 0.16666633" / in.	DRAWN - SL	REVISED -
PLOT DATE = 5/5/2025	CHECKED - SMK	REVISED -
	DATE - 05/07/2025	REVISED -

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QUIGG ENGINEERING INC

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DATE	-	05/07/2025

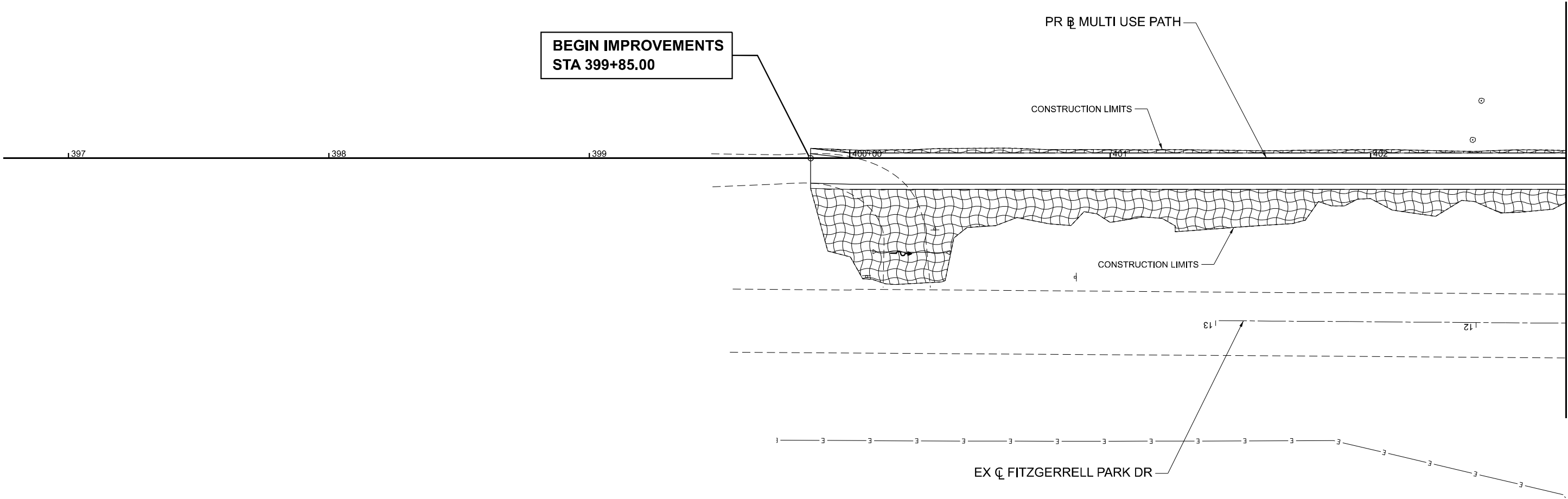
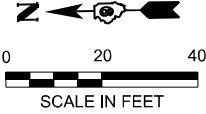
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REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL SEEDING PLANS (WEST)
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 17 OF 19 SHEETS STA. 396+75.00 TO STA. 402+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	166
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



SEEDING LEGEND

	SEEDING CLASS 2, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		AGGREGATE BASE COURSE, TYPE A 15"		STONE RIPRAP, CLASS A3
	SEEDING CLASS 2, SEEDING CLASS 5, EROSION CONTROL BLANKET, AND FERTILIZER NUTRIENTS		STONE BEDDING MATERIAL (3")		STONE RIPRAP, CLASS A4
	EXISTING RIPRAP		AGGREGATE SHOULDERS (SPECIAL)		STONE RIPRAP, CLASS A5

MODEL: Path - Lndscp 19 [Sheet]
FILE NAME: \\Quigg\Projects\2023\23IL 072 - PTB 205-38 D9 - QEI - Var PH IIV03 IL 154 Rend Lake Rdwy PH IICADD\CADD Sheets\DS78786-shH-Lndscp.dgn



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PLOT SCALE	= 0.16666633" / in.
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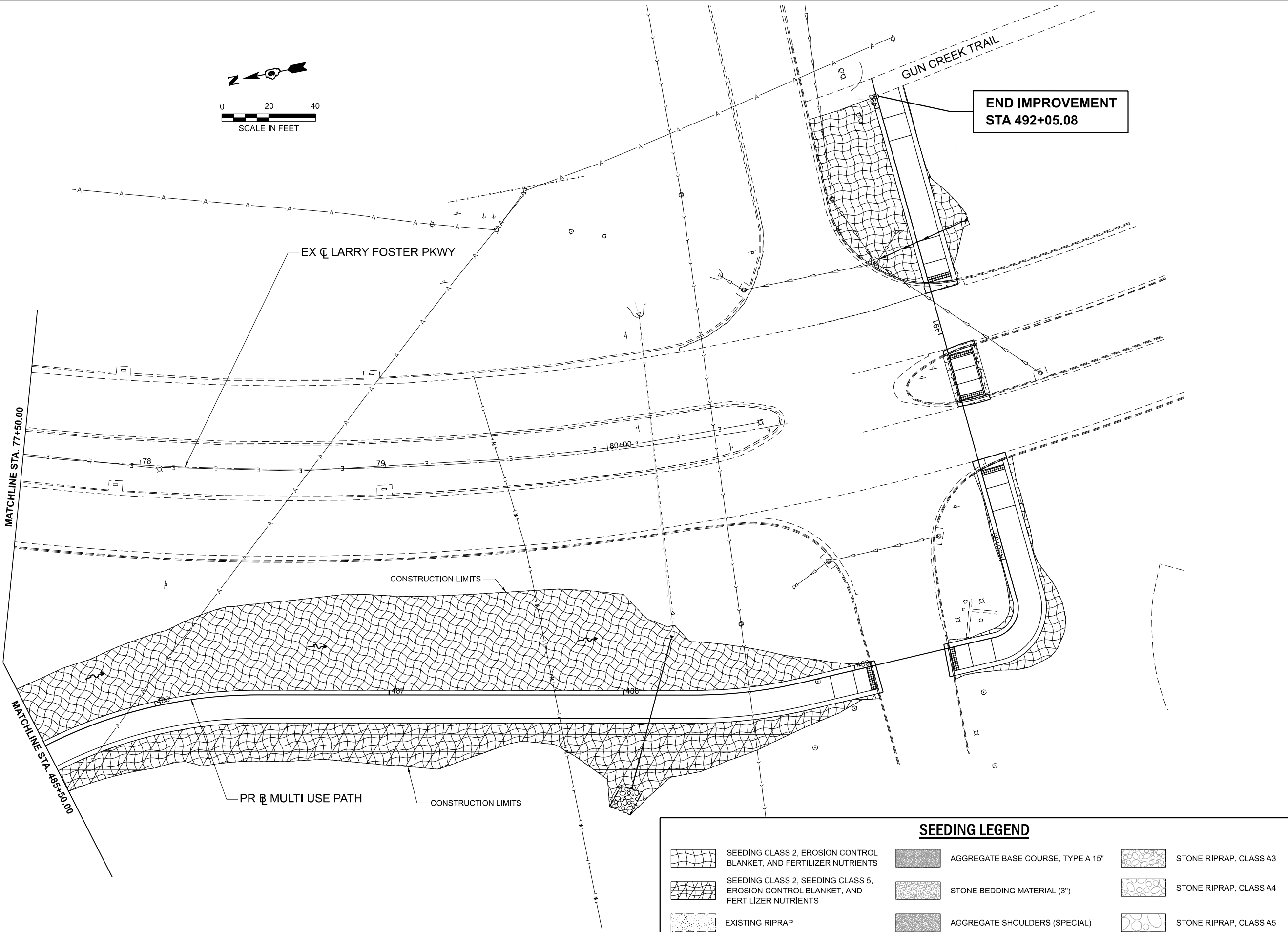
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

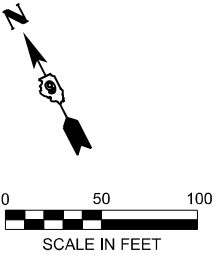
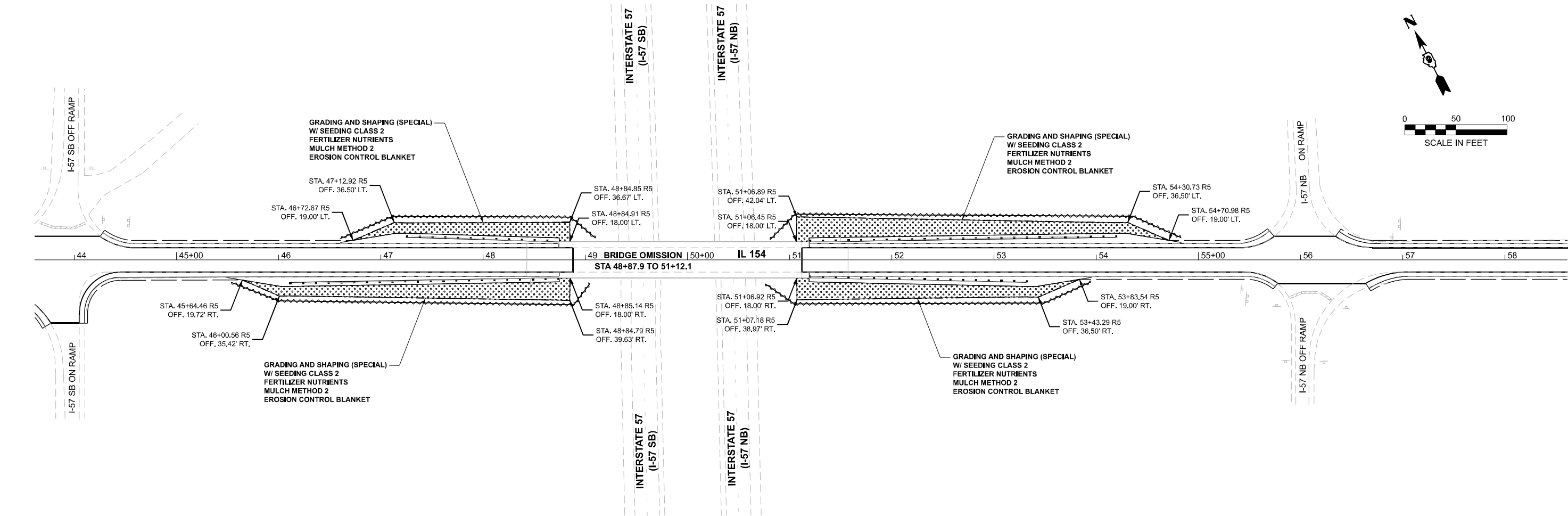
FINAL SEEDING PLANS (WEST)
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 18 OF 19 SHEETS STA. 485+50.00 TO STA. 492+03.16

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	167
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



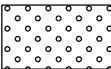
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NOTES:

- 1) GRADING AND SHAPING SHALL BE UTILIZED TO RESHAPE THE FORESLOPES BEHIND THE PROPOSED GUARDRAILS. THE AREA SHOWN IN THE PLANS IS AN ESTIMATED AREA, AND SHALL BE ADJUSTED AND FIELD VERIFIED BY THE RESIDENT ENGINEER.
- 2) THE ALLOWABLE SLOPES SHALL BE A MINIMUM OF 1:2 VERTICAL TO HORIZONTAL, ALL GRADING SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO FINAL SEEDING.
- 3) THE CONTRACTOR SHALL SUPPLY FILL MATERIAL TO BUILD UP THE FORE SLOPE TO MEET THE FINAL GRADE OF THE AGGREGATE SHOULDERS. THE FILL MATERIAL SHALL BE A SOIL MATERIAL THAT IS SUITABLE FOR VEGETATION GROWTH, AND IS FREE OF IN-ORGANIC MATERIAL AND AGGREGATE. THIS MATERIAL IS INCLUDED IN THE PAY ITEM "GRADING AND SHAPING SPECIAL".

SEEDING LEGEND



SEEDING CLASS 2, MULCH METHOD 2, AND FERTILIZER NUTRIENTS
SEEDING CLASS 7 FOR TEMPORARY SEEDING



PERIMETER EROSION BARRIER



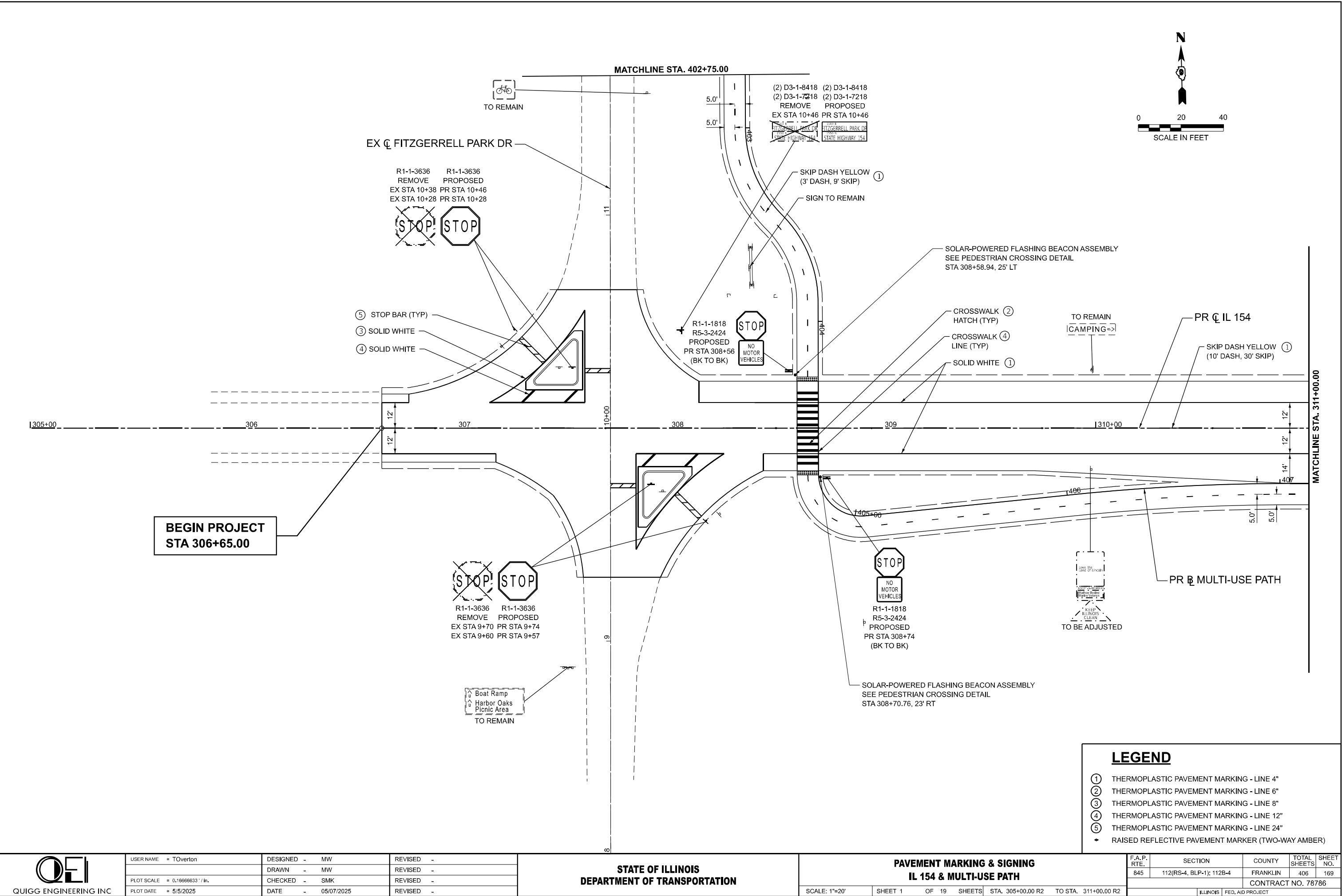
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	CHECKED - GFS	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL SEEDING PLANS (EAST) IL 154 & MULTI-USE PATH			
SCALE: 1"=50'	SHEET 19 OF 19 SHEETS	TO STA. 388+00.00 R4	TO STA. 58+61.25 R5

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4,BLP-1);112B-4	FRANKLIN	406	168
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

MODEL: IL154.PMK 2 [Sheet]
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38 D9 - QEI - Var PH IL154 Rend Lake Rdwy PH IICADD\CADD Sheets\078786-shh-pmk & sign.dgn



MODEL: IL154.PMK 3 [Sheet]
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QUIGG ENGINEERING INC

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DRAWN	- MW
CHECKED	- SMK
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PLOT DATE	= 5/5/2025

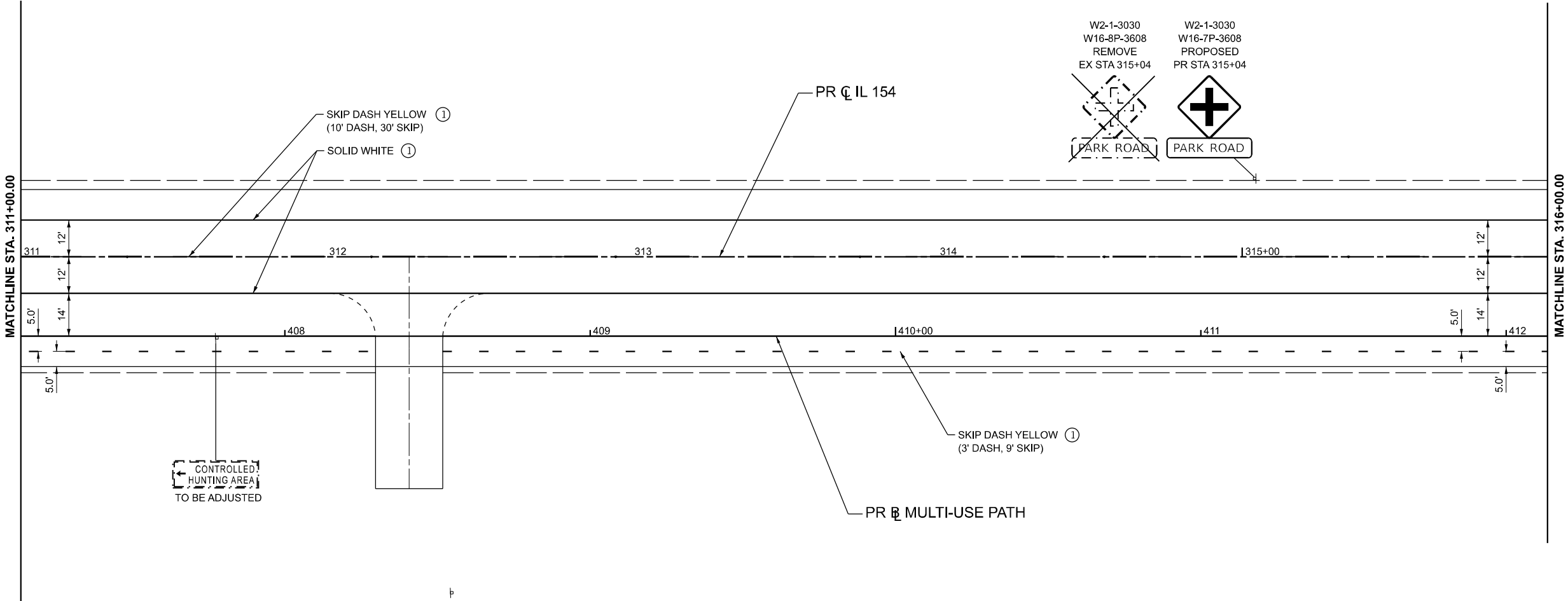
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REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 2 OF 19 SHEETS STA. 311+00.00 R2 TO STA. 316+00.00 R2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	170
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

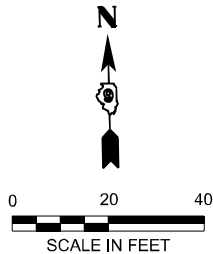
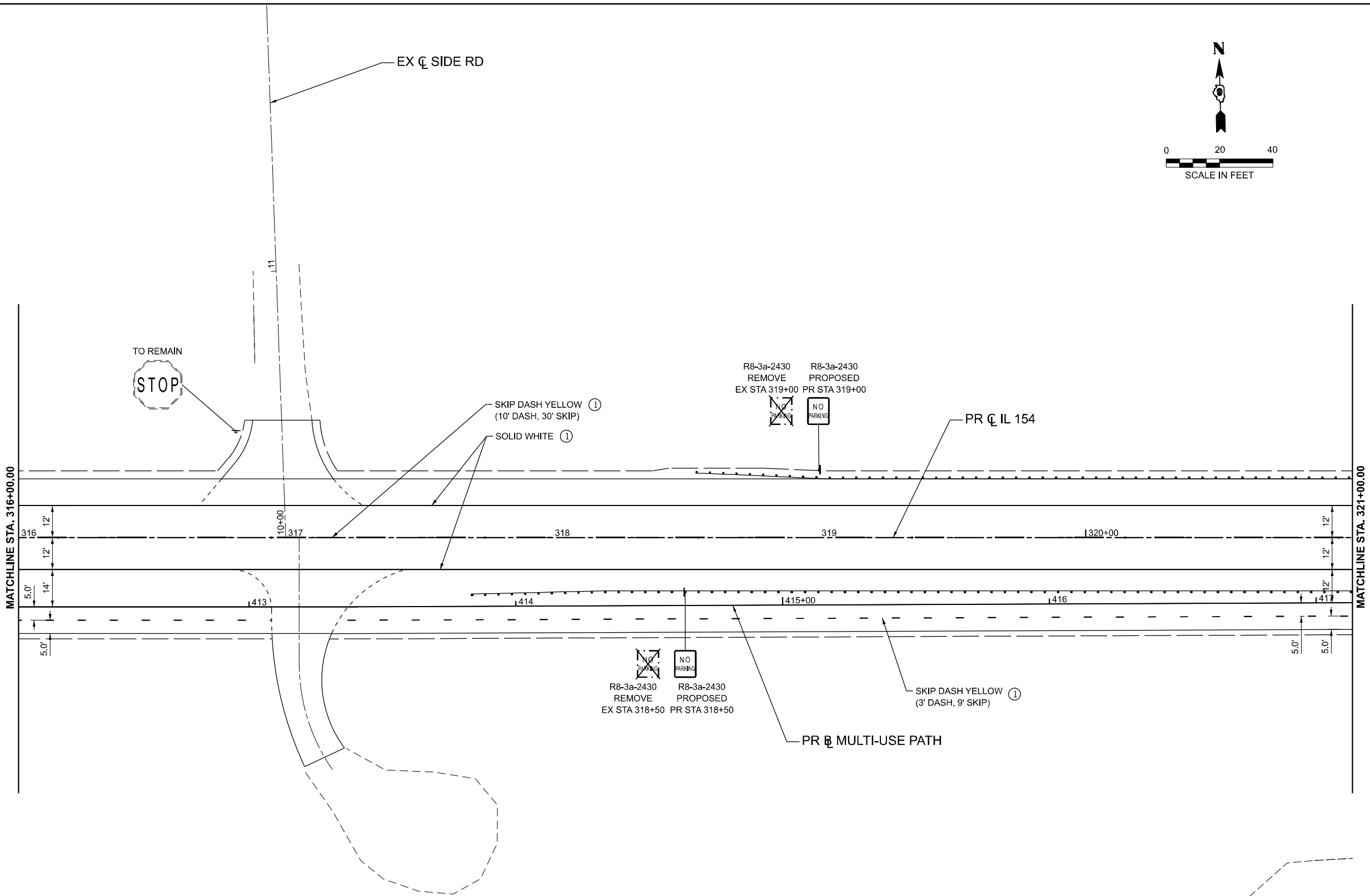
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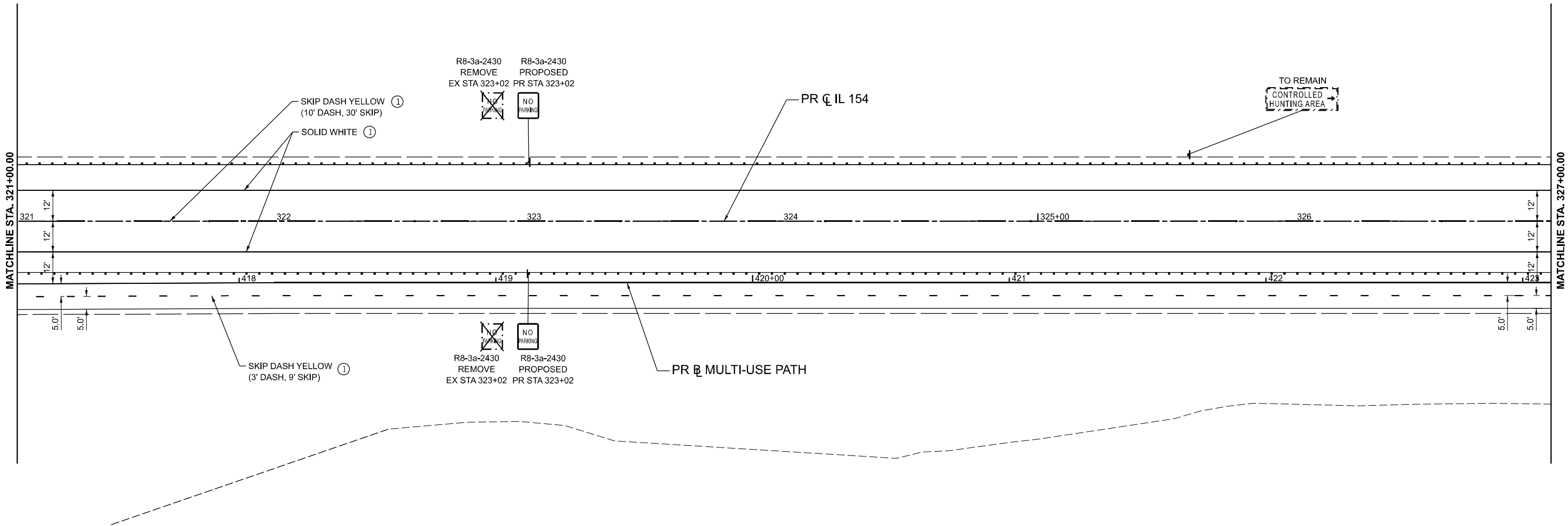
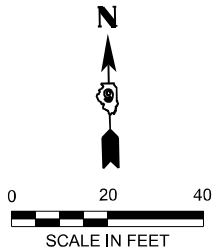
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PLOT DATE	= 5/5/2025	DATE -	05/07/2025	REVISED -	

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	171
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				





LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

MODEL: IL154.PMK 5 (Sheet)
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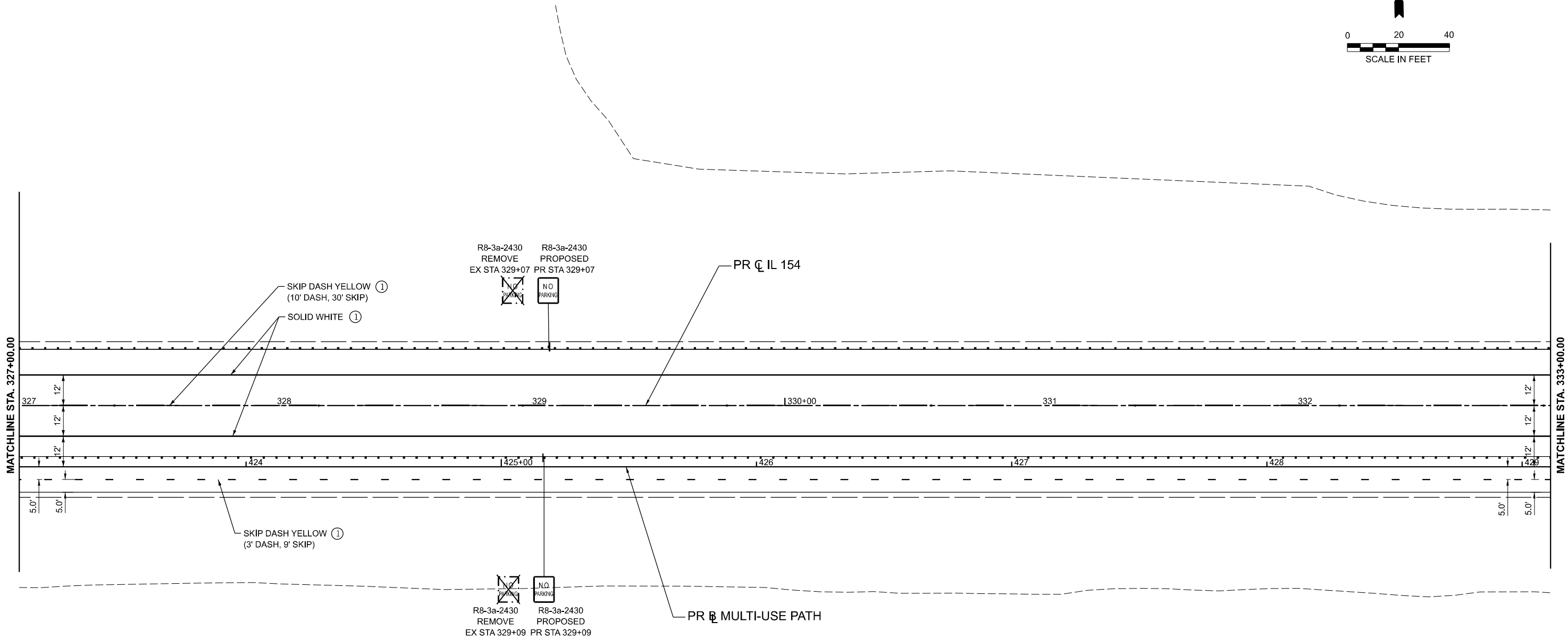
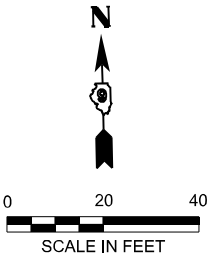
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 4 OF 19 SHEETS STA. 321+00.00 R2 TO STA. 327+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	172
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

MODEL: IL 154 PMK 6 (Sheet)
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 209-38 D9 - QEI - Var PH I\I\VO3 IL 154 Rend Lake Rdwy PH I\I\CADD\CADD Sheets\D9786-shr-pmk & sign.dgn



LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)



QUIGG ENGINEERING INC

USER NAME	= TOverton
DESIGNED	- MW
DRAWN	- MW
PLOT SCALE	= 0.16666633" / lin.
CHECKED	- SMK
DATE	- 05/07/2025
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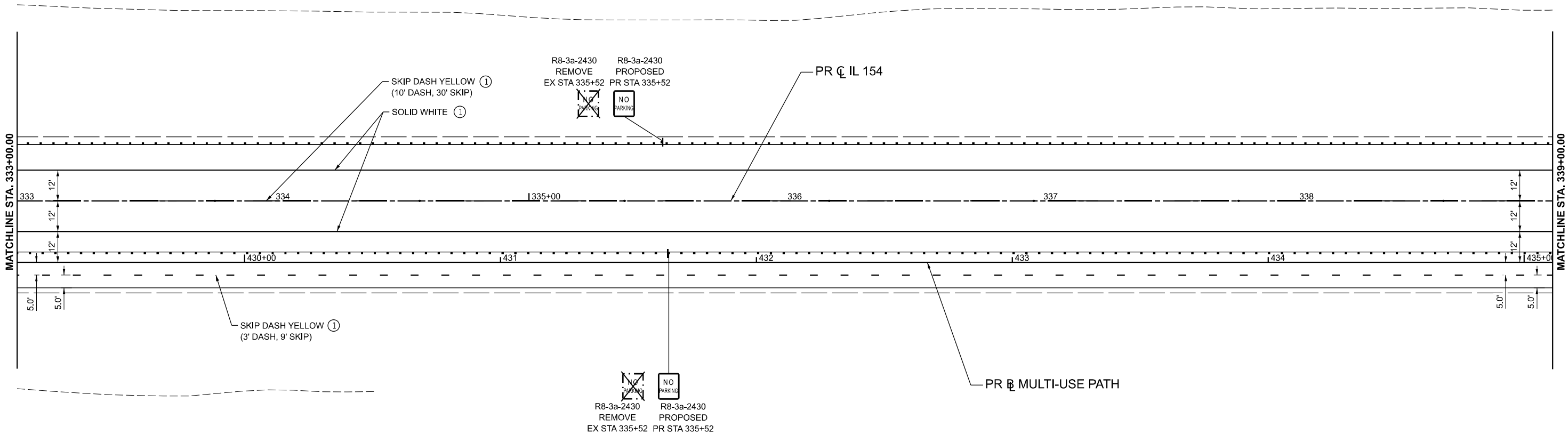
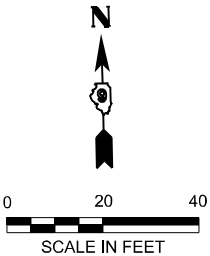
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DATE	- 05/07/2025
REVISIONS	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 5 OF 19 SHEETS STA. 327+00.00 R3 TO STA. 333+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	173
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

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USER NAME = TOverton	DESIGNED - MW	REVISED -
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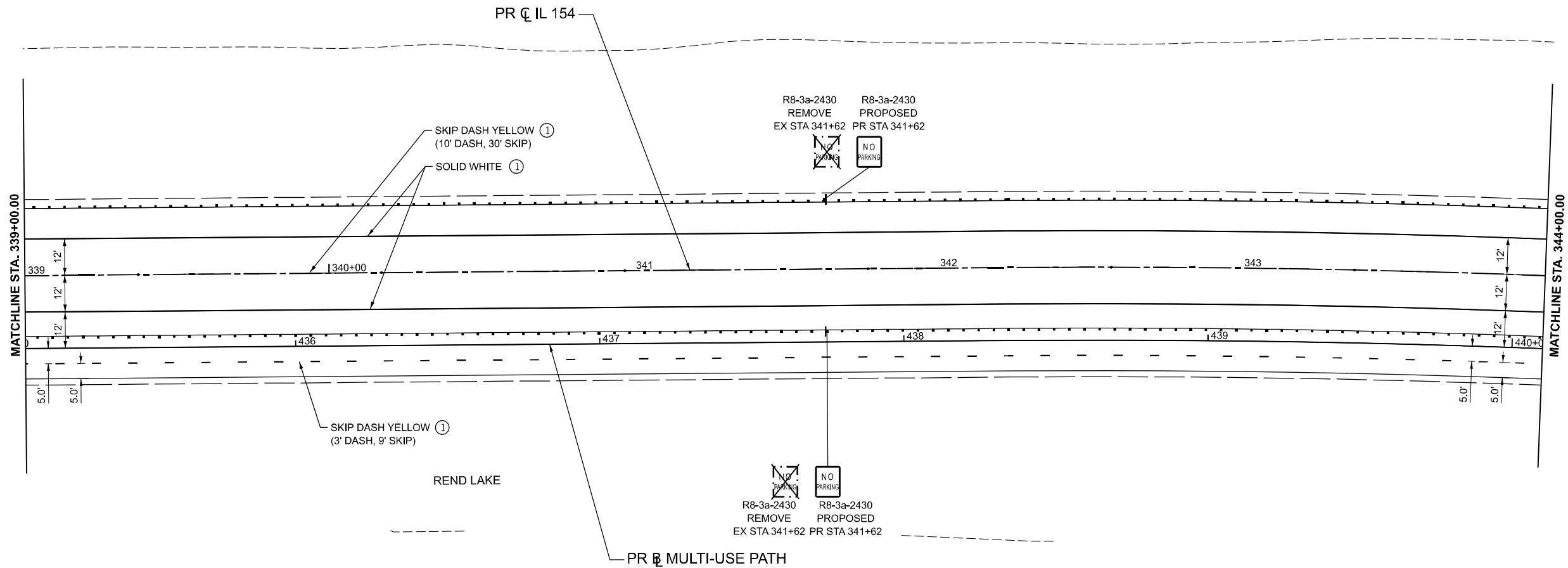
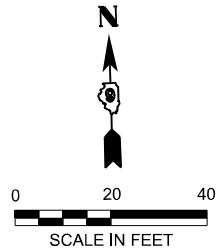
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 6 OF 19 SHEETS STA. 333+00.00 R3 TO STA. 339+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	174
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

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LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)



QUIGG ENGINEERING INC

USER NAME = TOverton	DESIGNED - MW	REVISED -
DRAWN - MW	REVISED -	
PLOT SCALE = 0.16666633"/in.	CHECKED - SMK	REVISED -
PLOT DATE = 5/5/2025	DATE - 05/07/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 7 OF 19 SHEETS STA. 339+00.00 R3 TO STA. 344+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	175
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

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CHECKED	-	SMK
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

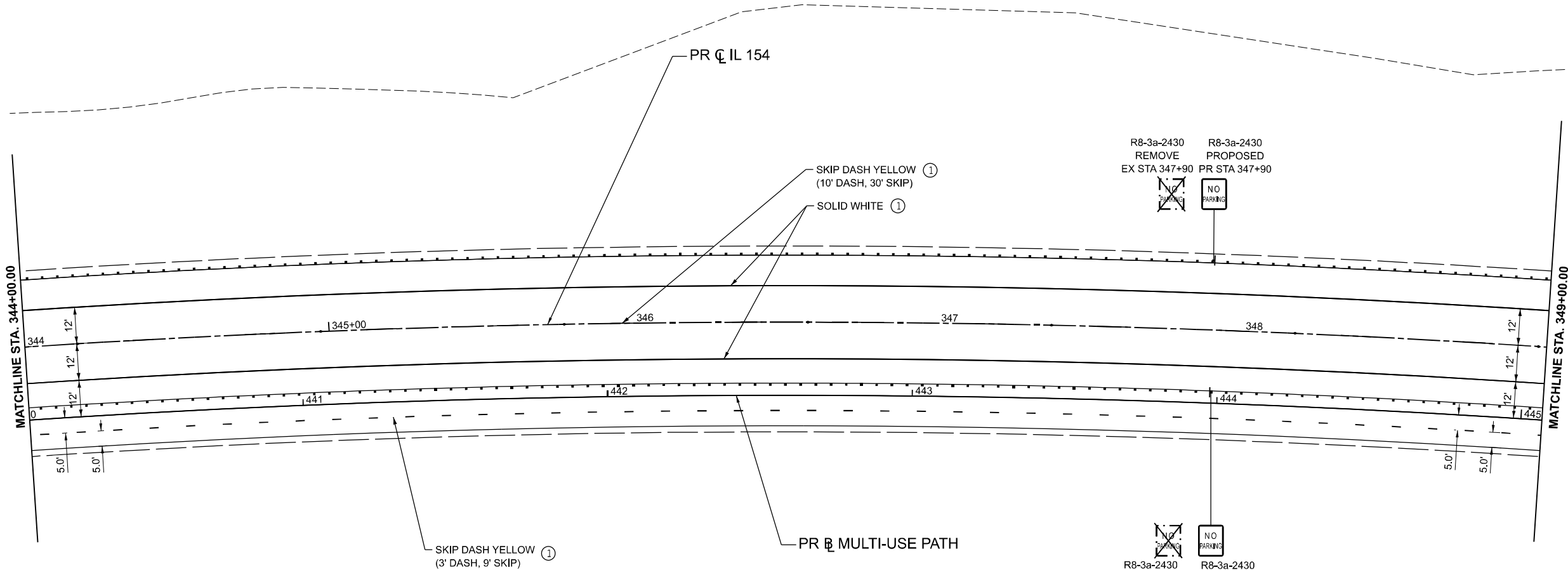
PAVEMENT MARKING & SIGNING
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 8 OF 19 SHEETS STA. 344+00.00 R3 TO STA. 349+00.00 R3

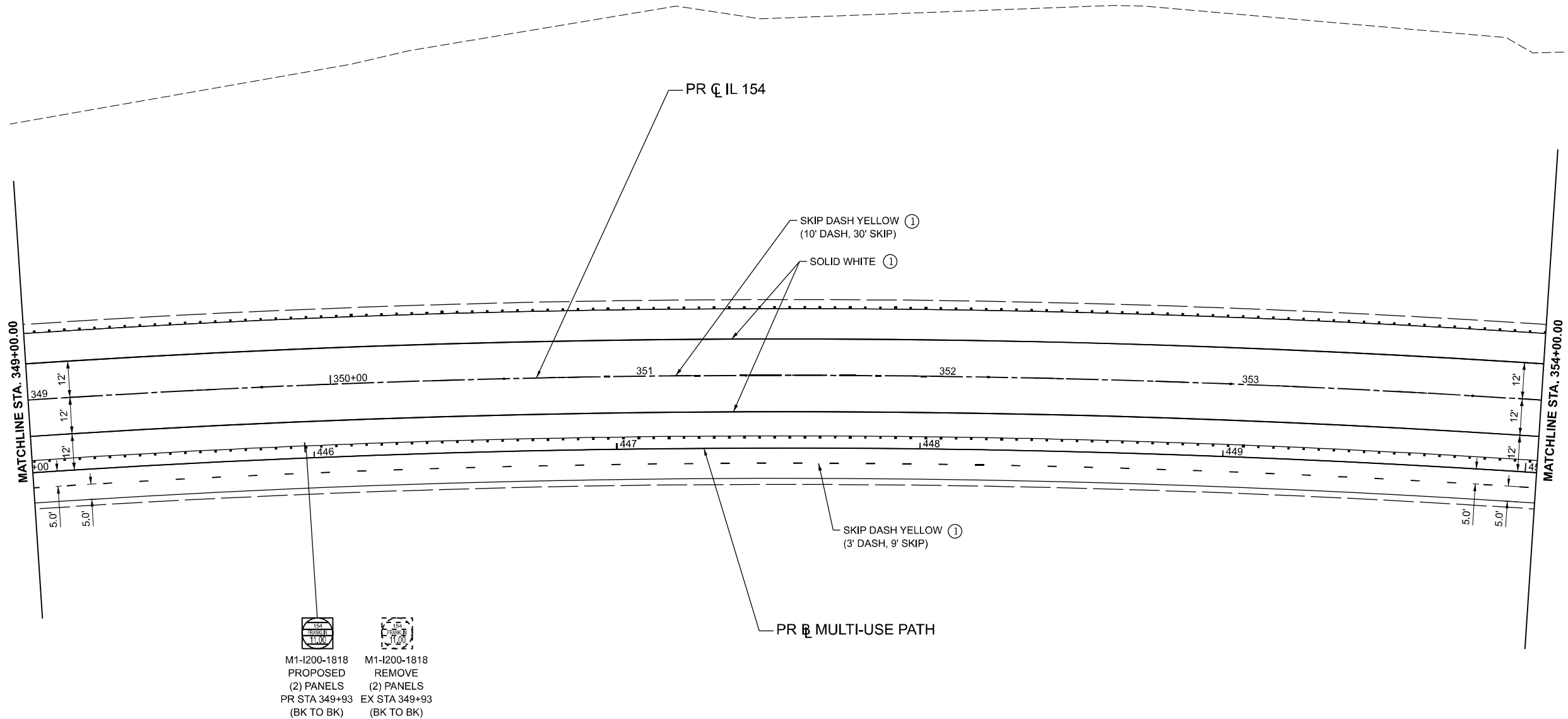
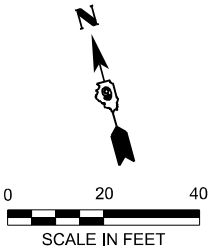
LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	176
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



MODEL: IL154.PMK 10 (Sheet)
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38 D9 - QEI - Var Ph I\IWO3 IL154 Rend Lake Rdwy PH IICADD\CADD Sheets\DS78786-shr-pmk & sign.dgn



 M1-1200-1818
PROPOSED
(2) PANELS
PR STA 349+93
(BK TO BK)

 M1-1200-1818
REMOVE
(2) PANELS
EX STA 349+93
(BK TO BK)

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)



QUIGG ENGINEERING INC

USER NAME = TOverton	DESIGNED - MW	REVISED -
	DRAWN - MW	REVISED -
PLOT SCALE = 0.16666633" / in.	CHECKED - SMK	REVISED -
PLOT DATE = 5/5/2025	DATE - 05/07/2025	REVISED -

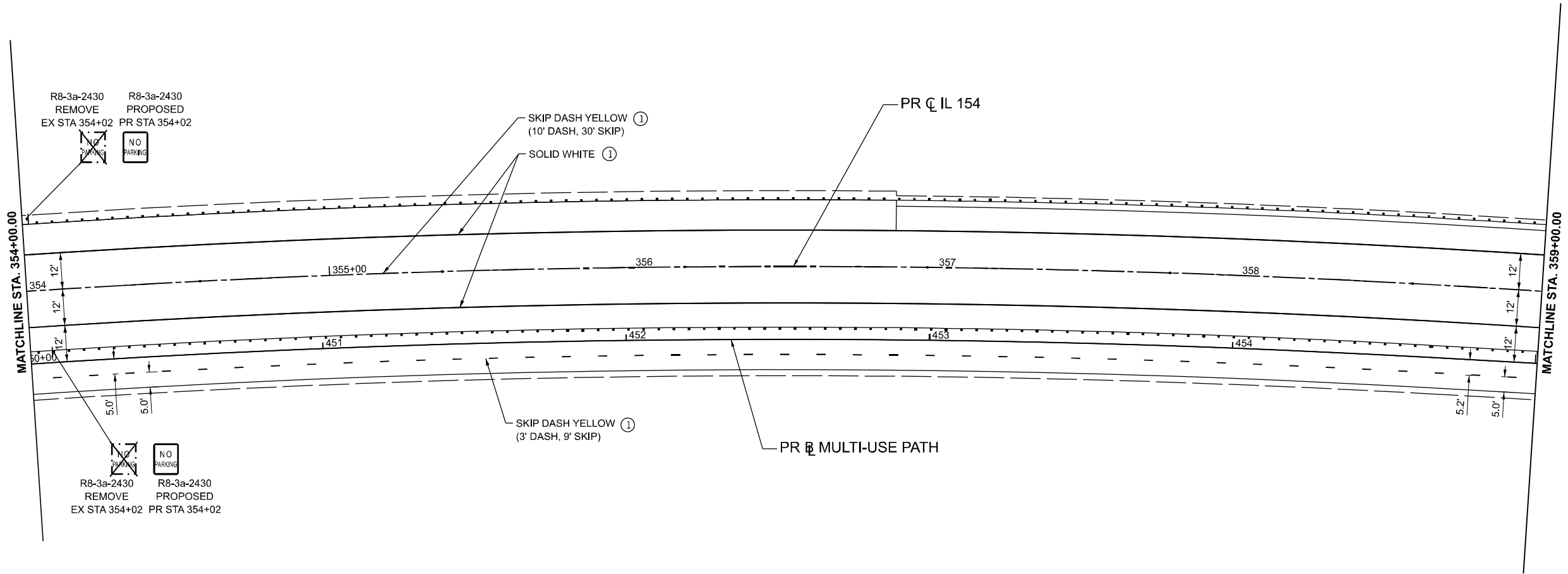
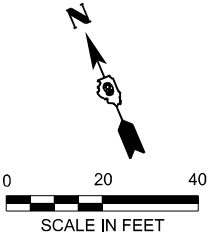
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 9 OF 19 SHEETS STA. 349+00.00 R3 TO STA. 354+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	177
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

MODEL: IL 154.PMK 11 [Sheet]
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38 D9 - QEI - Var Ph I\IWO3 IL 154 Rend Lake Rdwy PH IICADD\ICADD Sheets\DS78786-shr-pmk & sign.dgn



LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)



QUIGG ENGINEERING INC

USER NAME	= TOverton
DESIGNED	- MW
DRAWN	- MW
CHECKED	- SMK
PLOT SCALE	= 0.16666633" / lin.
PLOT DATE	= 5/5/2025

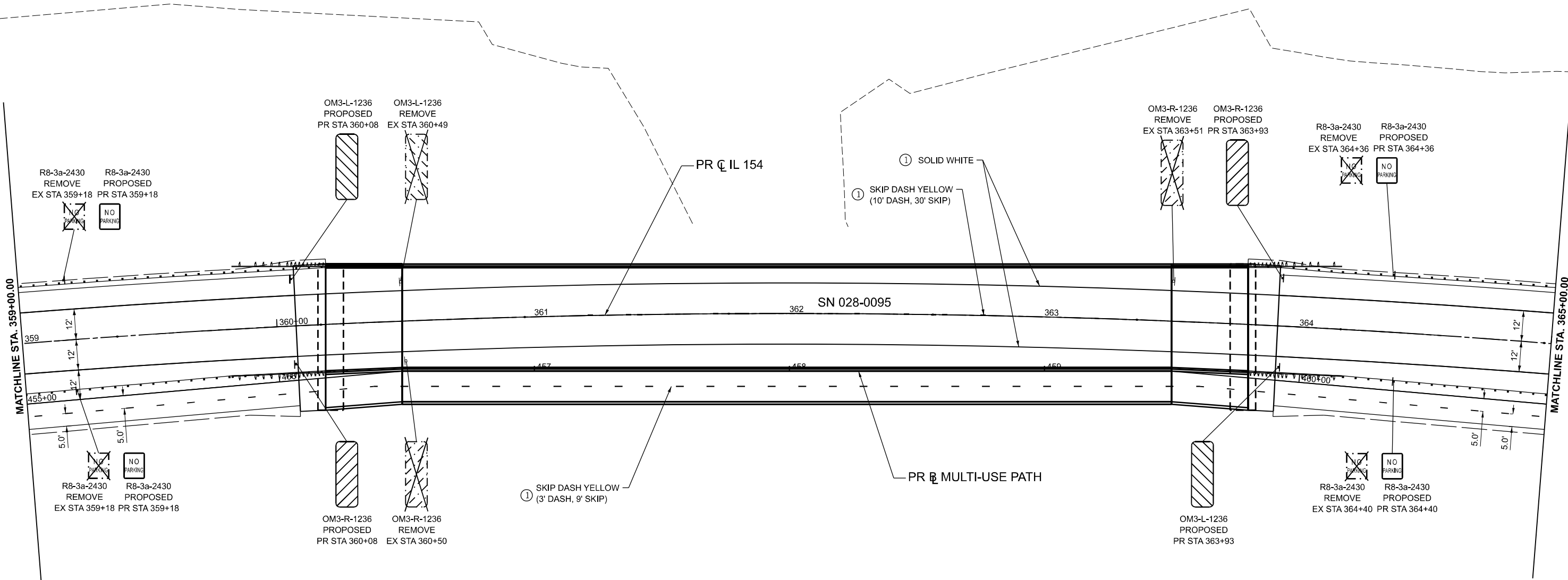
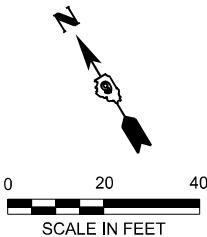
DESIGNED	- MW
REVIS	-
DRAWN	- MW
REVIS	-
CHECKED	- SMK
REVIS	-
DATE	- 05/07/2025
REVIS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 10 OF 19 SHEETS STA. 354+00.00 R3 TO STA. 359+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	178
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

MODEL: IL154.PMK 12 (Sheet)
FILE NAME: \\Quigg\Projects\2023\IL072 - PTB 205-38 D9 - QEI - Var PH IL154 Rend Lake Rdwy PH IICADD\CADD Sheets\078786-shr-pmk & sign.dgn



QUIGG ENGINEERING INC

USER NAME	= TOverton	DESIGNED	- MW	REVISED	-
DRAWN	- MW	REVISIONS	-	REVISIONS	-
PLOT SCALE	= 0.16666633" / in.	CHECKED	- SMK	REVISIONS	-
PLOT DATE	= 5/5/2025	DATE	- 05/07/2025	REVISIONS	-

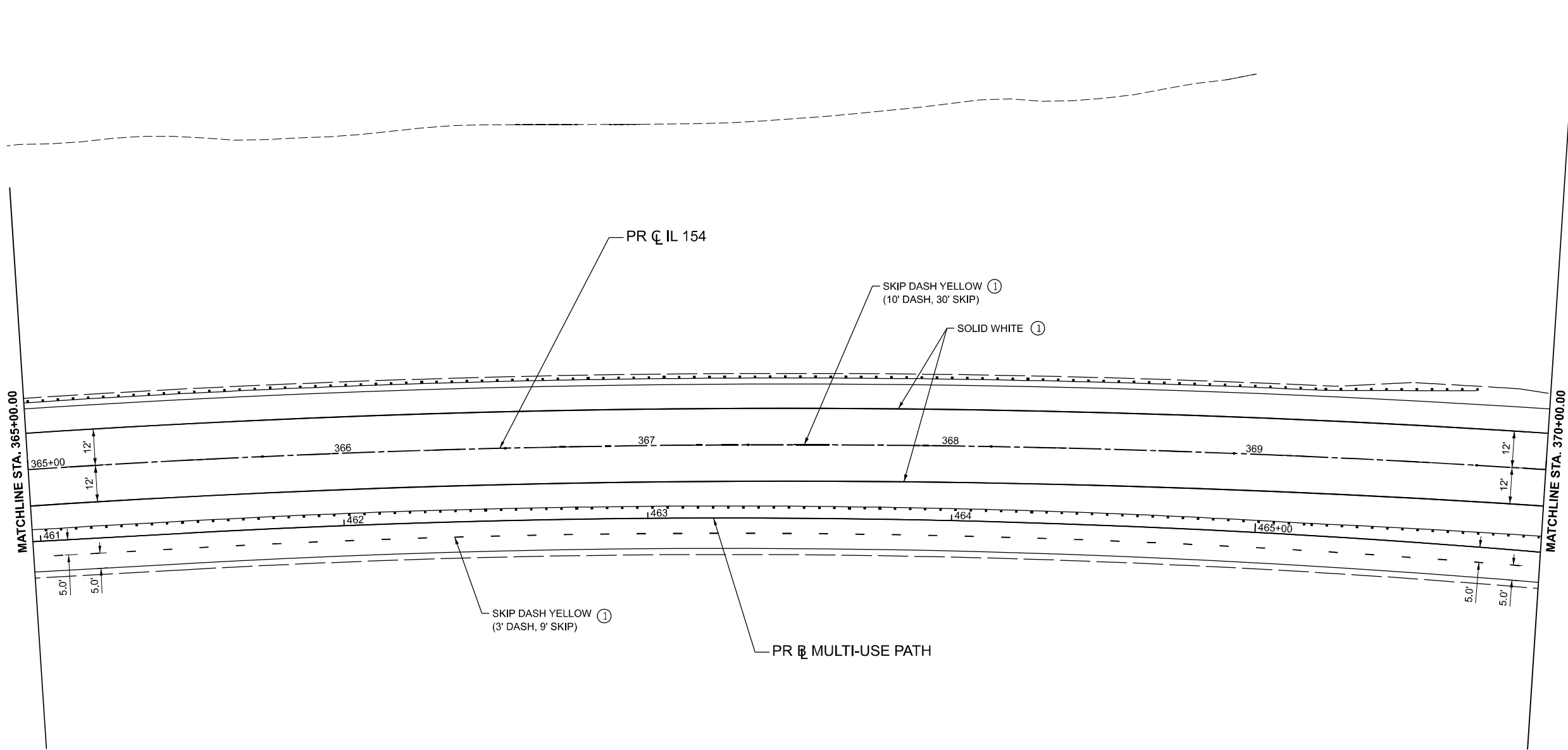
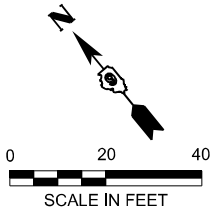
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 11 OF 19 SHEETS STA. 359+00.00 R3 TO STA. 365+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	179
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

MODEL: IL154.PMK 13 (Sheet)
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38 D9 - QEI - Var PH I\IWO3 IL154 Rend Lake Rdwy PH IICADD\CADD Sheets\DS78786-shh-pmk & sign.dgn



LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)



QUIGG ENGINEERING INC

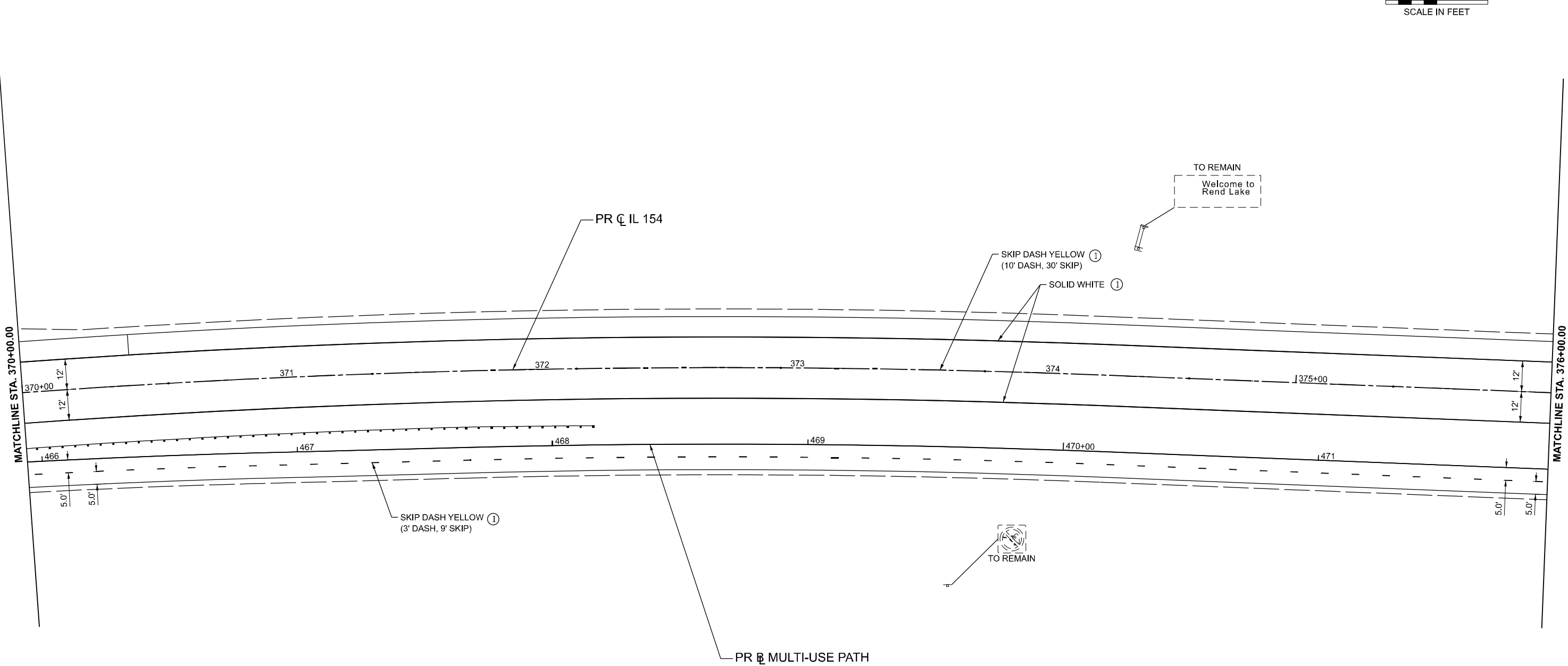
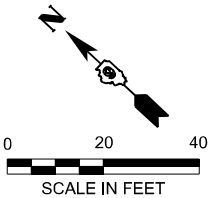
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DRAWN	- MW	REVISIONS			
PLOT SCALE	= 0.166666633''/in.	CHECKED	- SMK	REVISED	-
PLOT DATE	= 5/5/2025	DATE	- 05/07/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 12 OF 19 SHEETS STA. 365+00.00 R3 TO STA. 370+00.00 R3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	180
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

MODEL: IL154.PMK 14 (Sheet)
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38 D9 - QEI - Var PH IL154 Rend Lake Rdwy PH IICADD\CADD Sheets\07286-shr-pmk & sign.dgn



USER NAME = TOverton	DESIGNED - MW	REVISED -
	DRAWN - MW	REVISED -
PLOT SCALE = 0.16666633" / in.	CHECKED - SMK	REVISED -
PLOT DATE = 5/5/2025	DATE - 05/07/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 13 OF 19 SHEETS STA. 370+00.00 R3 TO STA. 376+00.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	181
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

MODEL: IL154.PMK 15 (Sheet)
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38 D9 - QEI - Var PH I\IWO3 IL154 Rend Lake Rdwy PH I\ICADD\ICADD Sheets\DS78786-shh-pmk & sign.dgn



USER NAME	= TOverton
PLOT SCALE	= 0.16666633''/in.
PLOT DATE	= 5/5/2025

DESIGNED	- MW
DRAWN	- MW
CHECKED	- SMK
DATE	- 05/07/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

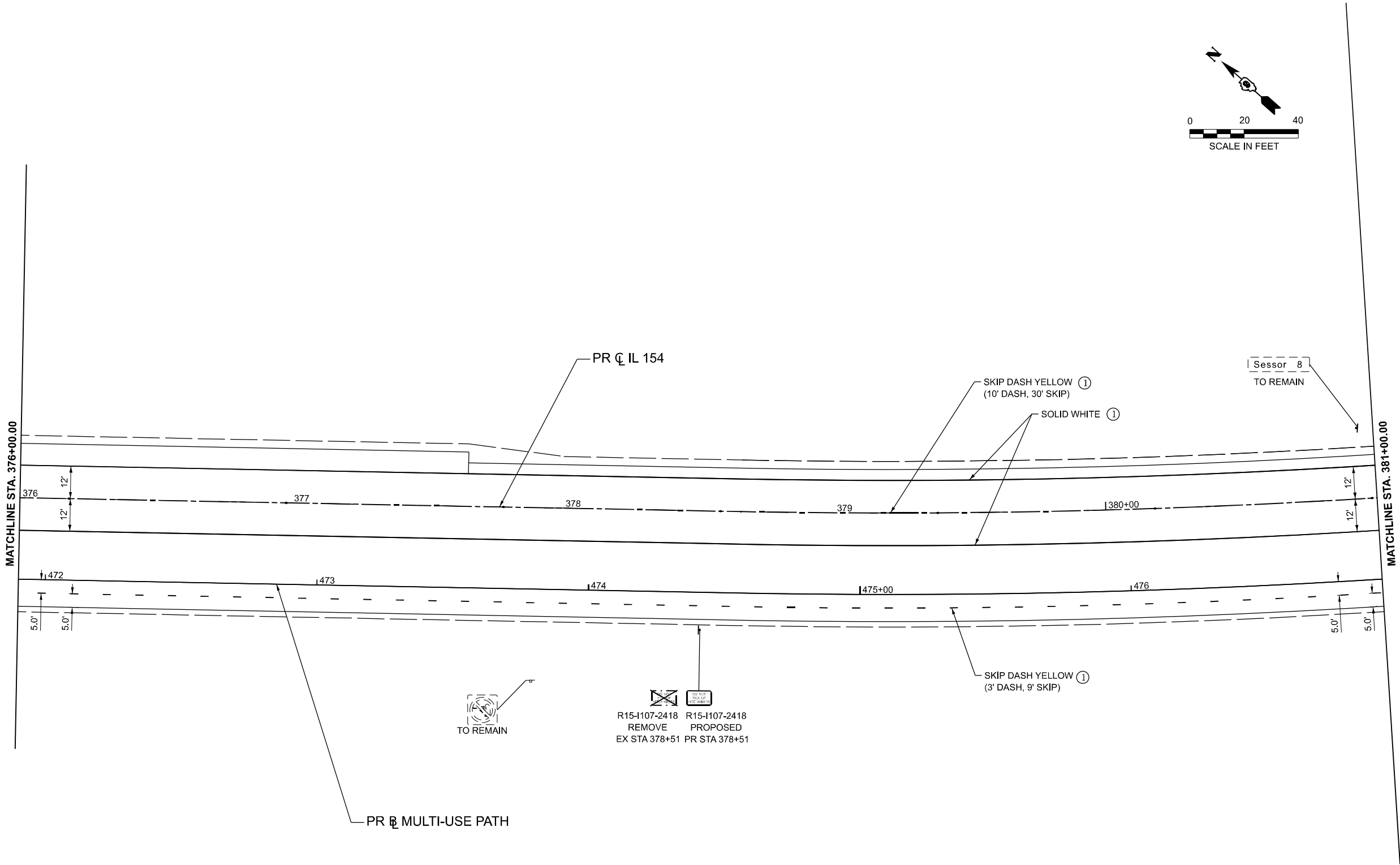
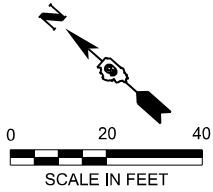
PAVEMENT MARKING & SIGNING
IL 154 & MULTI-USE PATH

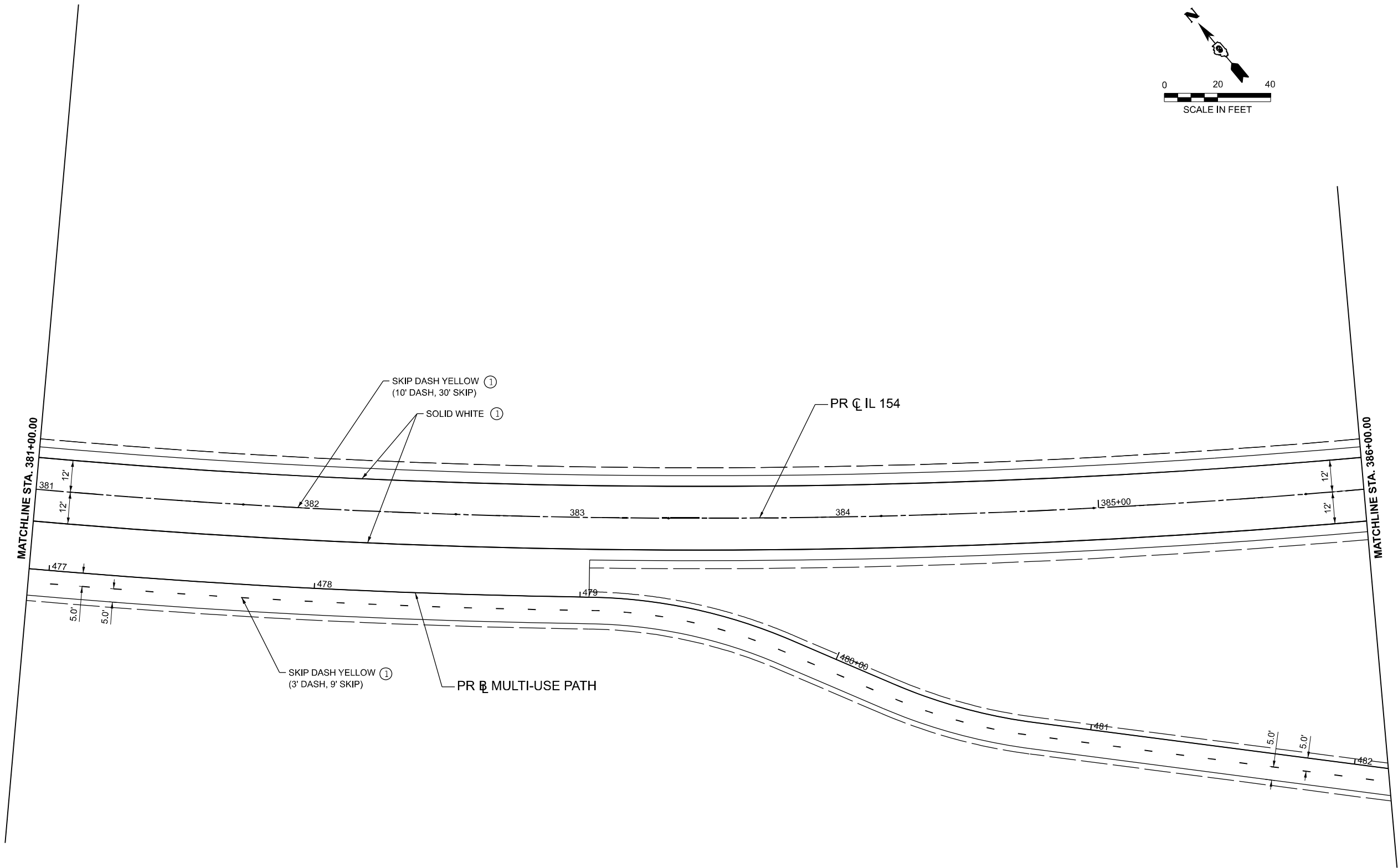
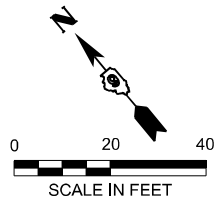
SCALE: 1"=20' SHEET 14 OF 19 SHEETS STA. 376+00.00 R4 TO STA. 381+00.00 R4

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	182
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				





LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

MODEL: IL154.PMK 16 (Sheet)
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38 D9 - QEI - Var PH I\I\VO3 IL154 Rend Lake Rdwy PH I\I\CADD\CADD Sheets\DS78786-sh-hpmk & sign.dgn



QUIGG ENGINEERING INC

USER NAME = TOverton	DESIGNED - MW	REVISED -
	DRAWN - MW	REVISED -
PLOT SCALE = 0.16666633" / lin.	CHECKED - SMK	REVISED -
PLOT DATE = 5/5/2025	DATE - 05/07/2025	REVISED -

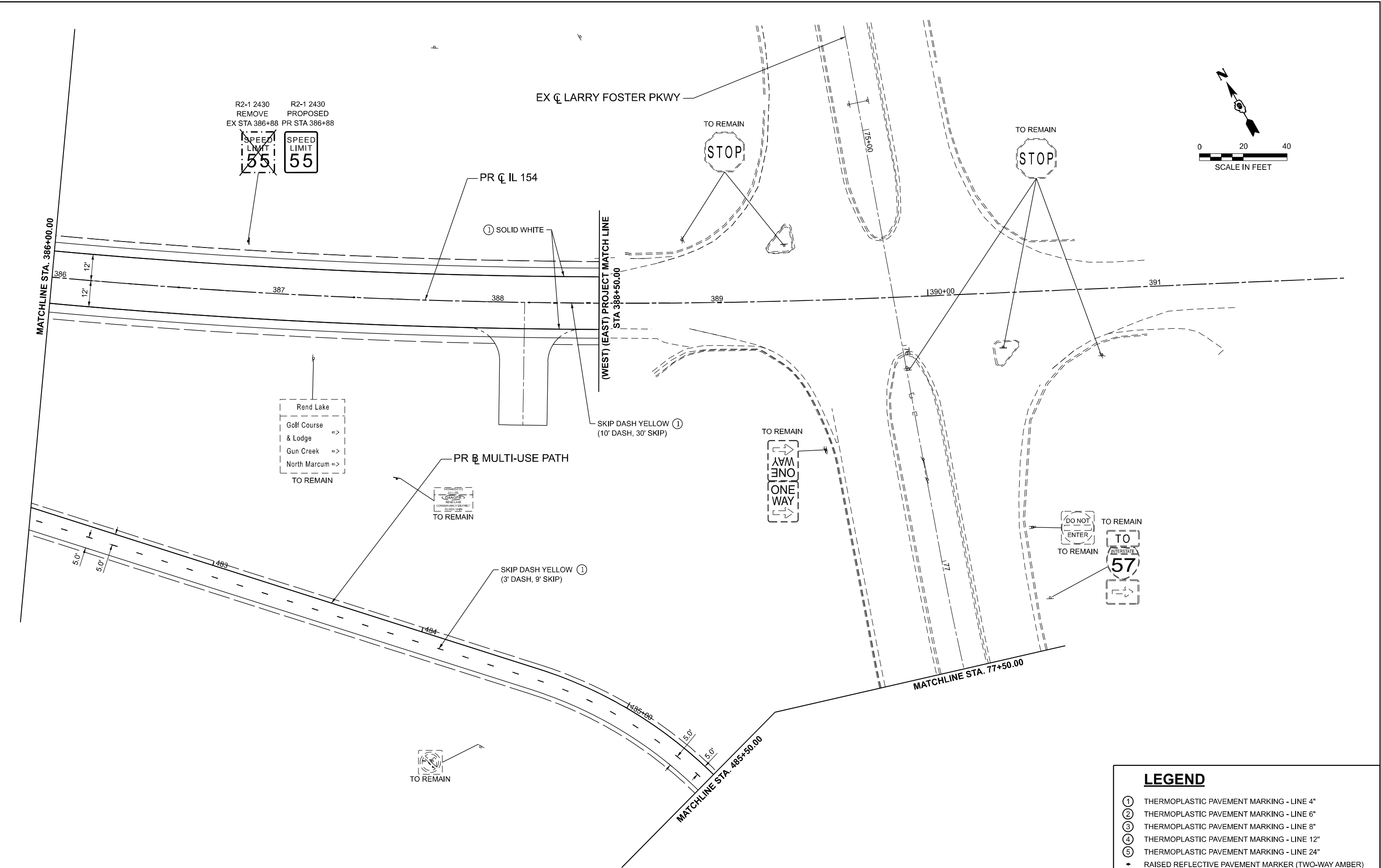
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 15 OF 19 SHEETS STA. 381+00.00 R4 TO STA. 386+00.00 R4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	183
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

MODEL: IL 154.PMK 17 (Sheet)
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38.D9 - QEI - Var PH IL154 Rend Lake Rdwy PH IICADD\CADD Sheets\078786-shp-pmk & sign.dgn



LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)



USER NAME	= TOverton
DESIGNED	- MW
DRAWN	- MW
CHECKED	- SMK
DATE	- 05/07/2025
PLOT SCALE	= 0.16666633" / in.
PLOT DATE	= 5/5/2025

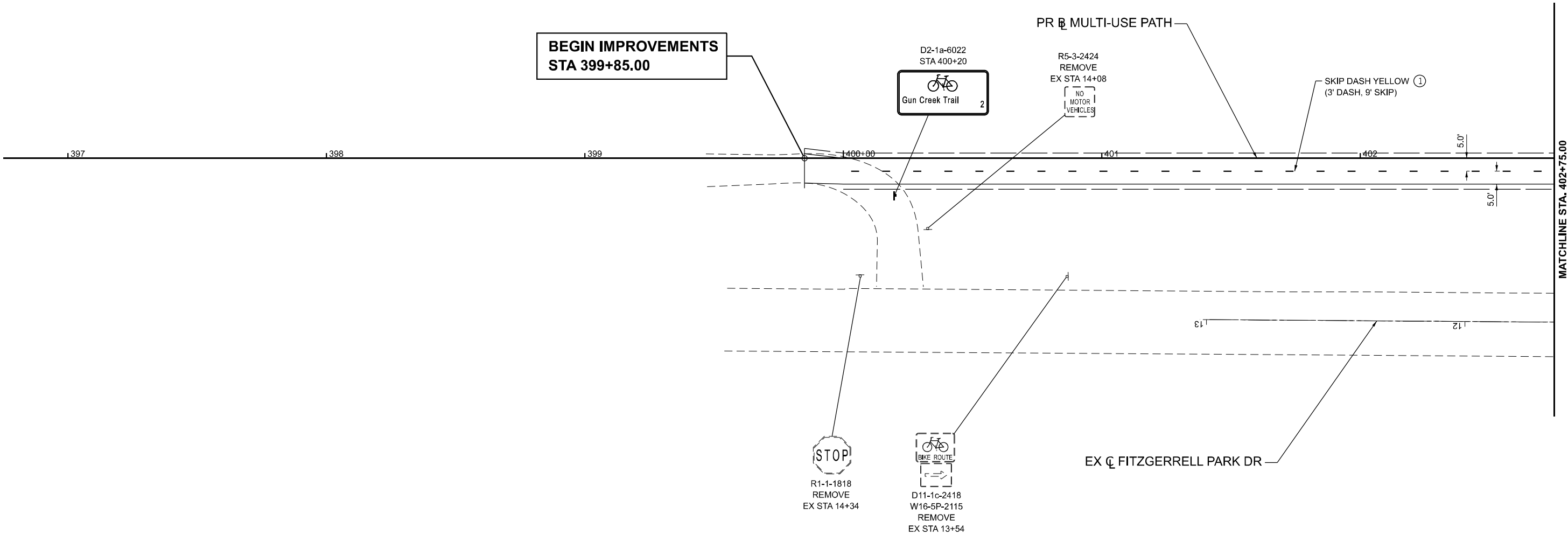
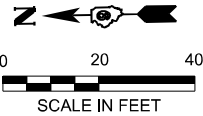
DESIGNED	- MW
REVIS	-
REVIS	-
REVIS	-
REVIS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 16 OF 19 SHEETS STA. 386+00.00 R4 TO STA. 388+90.65 R5

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	184
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

MODEL: Path - PMK 13 [Sheet]
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38 D9 - QEI - Var PH IL154 Rend Lake Rdwy PH IICADD\ICADD Sheets\DS78786-sh-pmk & sign.dgn



USER NAME	= TOverton	DESIGNED	- MW	REVISED	-
		DRAWN	- MW	REVISED	-
PLOT SCALE	= 0.16666633" / in.	CHECKED	- SMK	REVISED	-
PLOT DATE	= 5/5/2025	DATE	- 05/07/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING
IL 154 & MULTI-USE PATH

SCALE: 1"=20' SHEET 17 OF 19 SHEETS STA. 396+75.00 TO STA. 402+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	185
CONTRACT NO. 78786				
ILLINOIS			FED. AID PROJECT	

Technical drawing of a highway shield for State Highway 154. The shield is rectangular with rounded corners and a double border. The text "1550 N" is at the top, and "STATE HIGHWAY 154" is in the center. Dimensions are provided for the text and the shield itself.

Dimension	Value
Top text: 1550 N	11.8
Bottom text: STATE HIGHWAY 154	28.4
Shield width (overall)	72
Shield height (overall)	18
Top border (outer)	5.6
Top border (inner)	1.8
Bottom border (outer)	5.6
Bottom border (inner)	1.8
Left border (outer)	5.6
Left border (inner)	1.8
Right border (outer)	5.6
Right border (inner)	1.8

	I	5	5	O	N											
5.6	1.9	3.5	3.5	6.8	2.8	47.9										
	S	T	A	T	E	H	I	G	H	W	A	Y	I	5	4	
1.6	3.9	3.4	4.2	3.9	9.1	4.6	2.1	4.5	4.2	5.0	4.2	9.8	2.3	3.9	3.7	1.6

1100 E
FITZGERRELL PARK DR

60.4
2.8

6.8 10.3 4 2.5 41.9 6 16.5 6 8 2.8

84

	I	I	O	O	E													
6,8	1,9	1,9	3,6	6,9	2,5	60,4												
2,8	F	I	T	Z	G	E	R	R	E	L	L	P	A	R	K	D	R	
3,9	1,7	3,6	4,3	4,5	4,1	4,4	4,4	4,1	3,9	9,0	4,1	4,7	4,4	9,3	4,6	3,4	2,8	

A diagram of a rectangular sign with a black border and a grey background. The sign contains the text "PARK ROAD" in black, bold, sans-serif capital letters. Below the sign, dimensions are indicated with arrows and numbers. The width is divided into five segments: 5, 11, 4, 11, and 5, with a total width of 36. The height is divided into three segments: 2, 4, and 2, with a total height of 8.

5.0	P	A	R	K	R	O	A	D	5.0
-----	---	---	---	---	---	---	---	---	-----

Diagram of a rectangular sign with rounded corners. The sign features a bicycle icon at the top center. Below the icon, the text "Gun Creek Trail 2" is displayed. The sign is shown with dimensions: overall width is 60, overall height is 35.5. The sign face is 56 wide and 31.5 high. The text "Gun Creek Trail" is 44 wide, and the number "2" is 8 wide. The sign is mounted on a post with a 4-inch diameter. The sign is shown with a 2-inch gap from the post and a 4-inch gap from the top of the post. The sign is shown with a 4-inch gap from the bottom of the post. The sign is shown with a 4-inch gap from the side of the post.

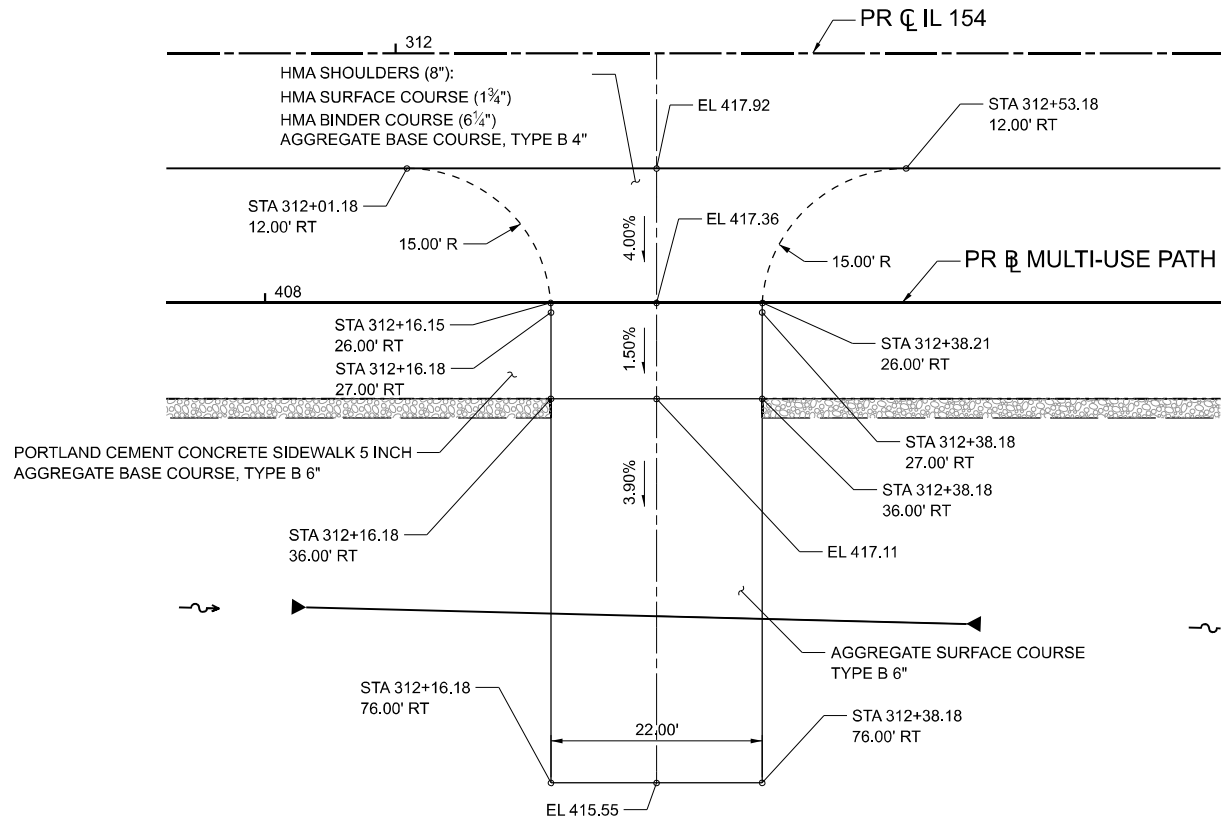
23.1		23.1													
4.4	G	u	n	C	r	e	e	k	T	r	a	i	l	2	
3.5	3.1	6.4	3.5	1.8	2.8	2.9	6.6	3.0	1.8	3.0	1.5	8.6	2.7	4.4	

Wayne Fitzgerald State Park 2

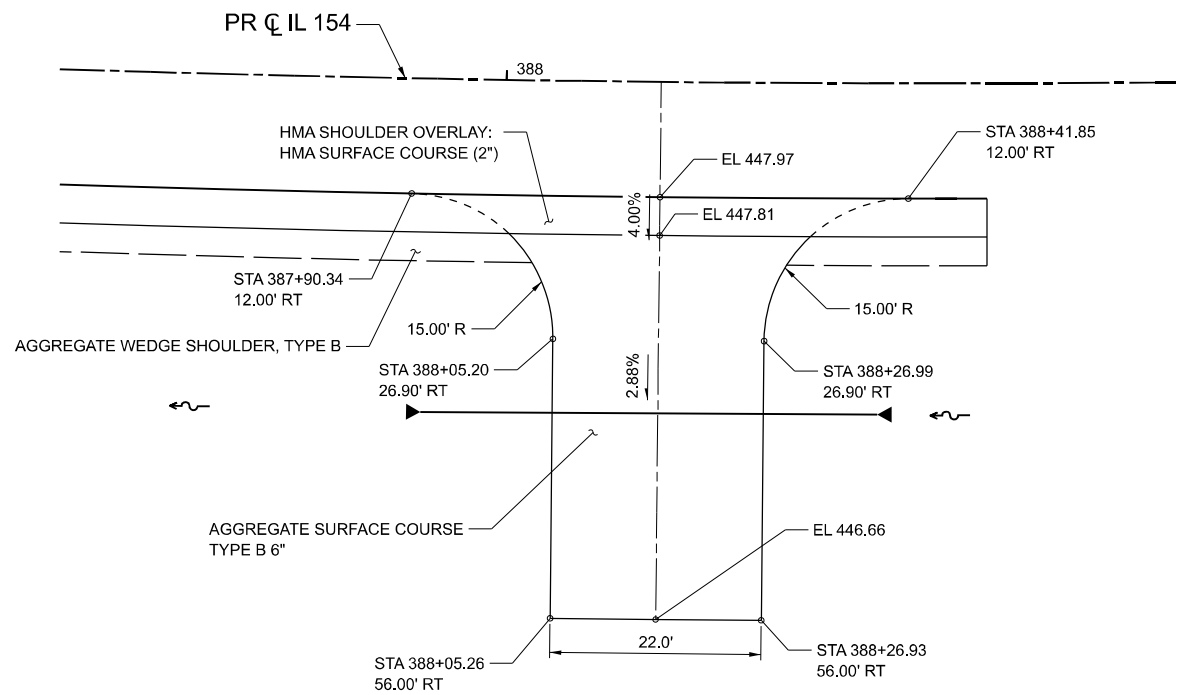
Diagram showing the layout of the sign with dimensions in feet and inches. The sign is 90 feet wide and 4.5 feet high. The text "Wayne Fitzgerald State Park" is 38.1 feet wide, and the number "2" is 3.5 feet wide. The sign is divided into three sections: 38.1 feet wide for the text, 13.8 feet wide for the number, and 38.1 feet wide for the text. The sign is divided into three sections: 38.1 feet wide for the text, 13.8 feet wide for the number, and 38.1 feet wide for the text. The sign is divided into three sections: 38.1 feet wide for the text, 13.8 feet wide for the number, and 38.1 feet wide for the text.

38.1		38.1															
3.3	W	a	y	n	e	F	i	t	z	g	e	r	r	e	l	l	
2.9	1.9	2.6	1.9	6.4	3.0	3.1	2.0	10.5	2	2.7	3.3						

MODEL: Unnamed Plan - Plan 1 [Sheet]
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38 D9 - QEI - Var PH IL154 Rend Lake Rdwy PH IICADD\CADD Sheets\078786-sht-Details_Ent.dgn

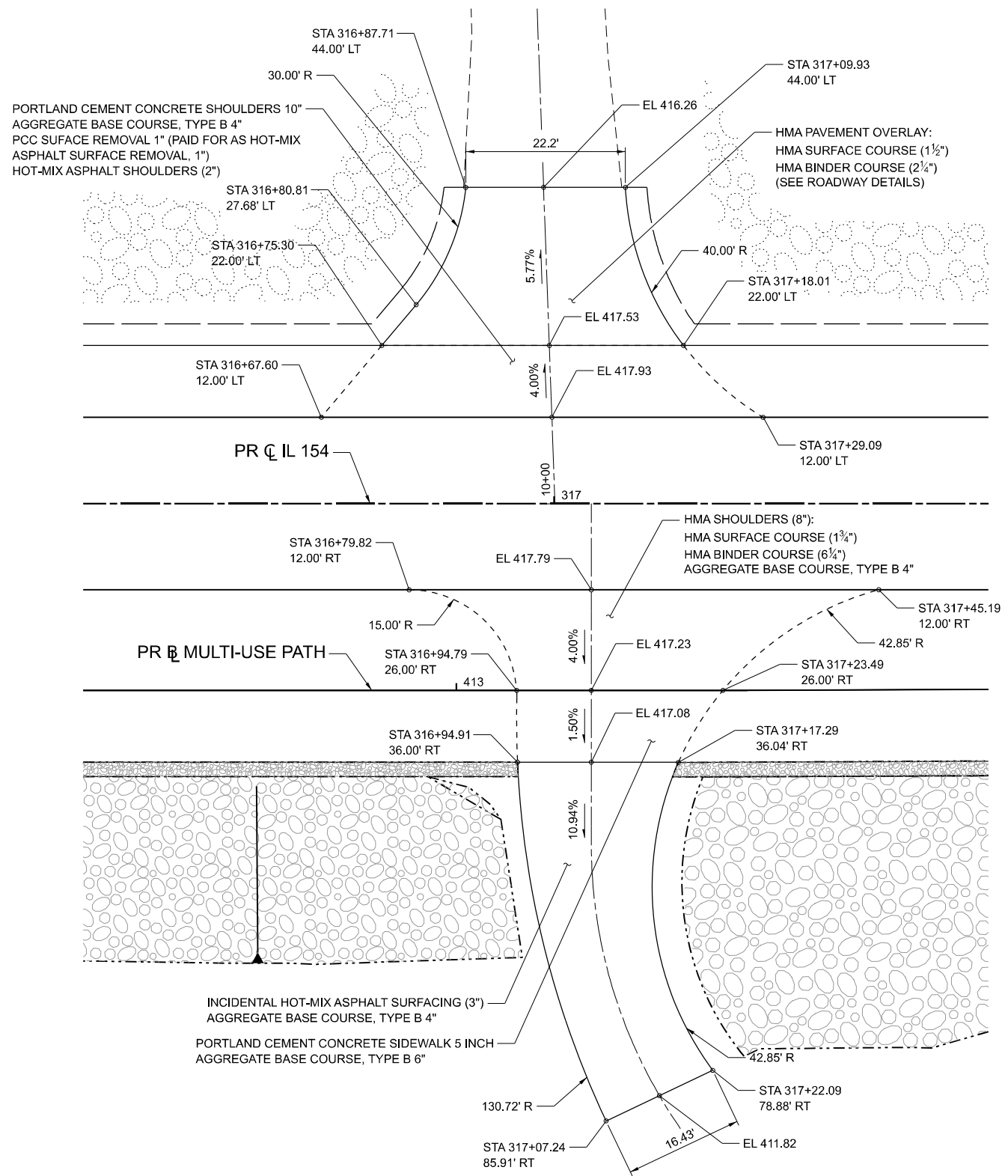


FIELD ENTRANCE DETAIL (STA. 312+27.18)



FIELD ENTRANCE DETAIL (STA. 388+16.09)

SIDE ROAD DETAIL (STA. 317+00.12)



FIELD ENTRANCE DETAIL (STA. 317+05.18)



QUIGG ENGINEERING INC

USER NAME = TOverton	DESIGNED - TO	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN - TO	REVISED -
PLOT DATE = 5/5/2025	CHECKED - SMK	REVISED -
	DATE - 05/07/2025	REVISED -

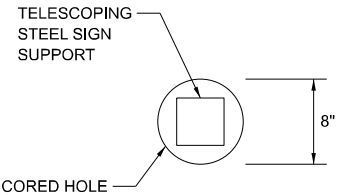
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ENTRANCE DETAILS
IL 154

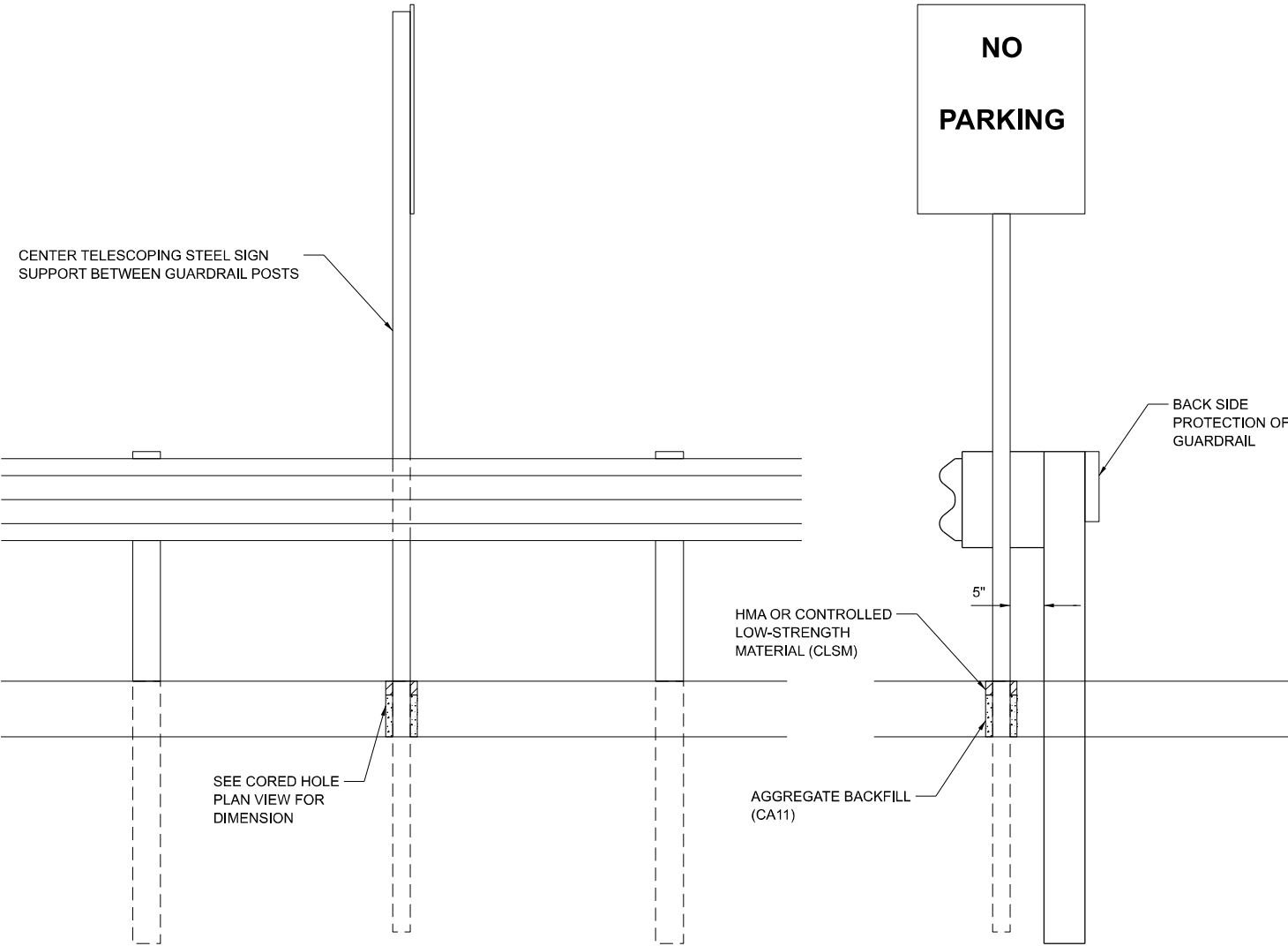
SCALE: 1" = 10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	188
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

NOTE:
EXTRA LABOR AND MATERIALS REQUIRED TO CORE THE HMA SHOULDER AND INSTALL SIGN POSTS SHALL BE INCLUDED IN THE COST OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



CORED HOLE PLAN

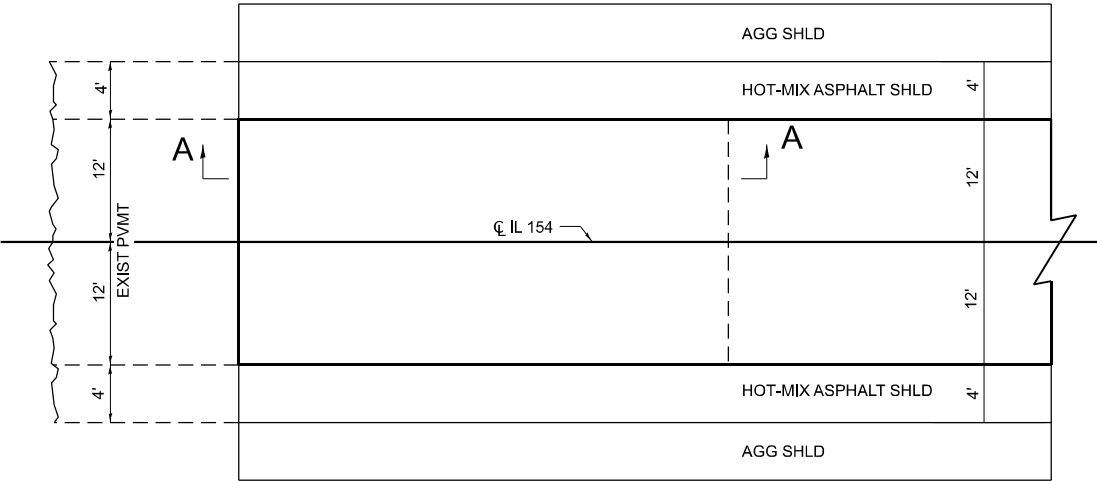


ELEVATION

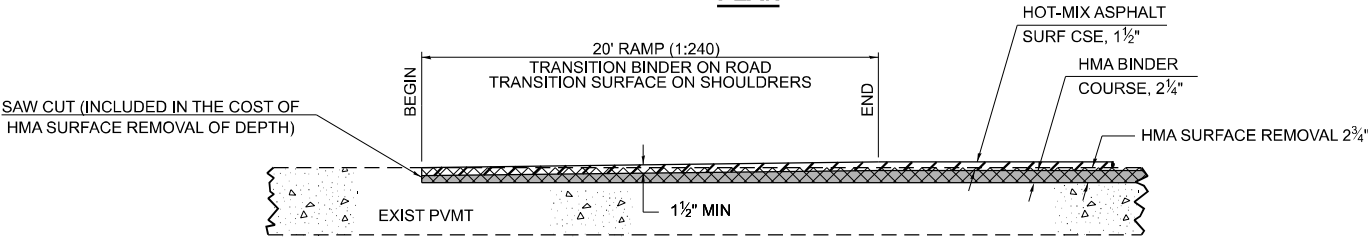
CORED HOLES FOR TELESCOPING STEEL SIGN SUPPORT

LOCATION TABLE

ROUTE	BEGIN STA	END STA
IL 154	306+65.00	306+85.00
FITZGERRELL	9+30.00	9+50.00
FITZGERRELL	10+45.00	10+65.00
SIDE ROAD	10+24.03	10+44.03
IL 154	388+30.00	388+50.00



PLAN



SECTION A-A

BUTT-JOINT DETAIL

MODEL: Unnamed Plan - Plan 1 [Sheet]
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38 D9 - QEI - Var PH IL154 Rend Lake Rdwy PH IICADD\CADD Sheets\DS78786-sh-Butt_Joint.dgn



QUIGG ENGINEERING INC

USER NAME = TOverton	DESIGNED - RG	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SMK	REVISED -
PLOT DATE = 5/5/2025	DATE - 05/07/2025	REVISED -

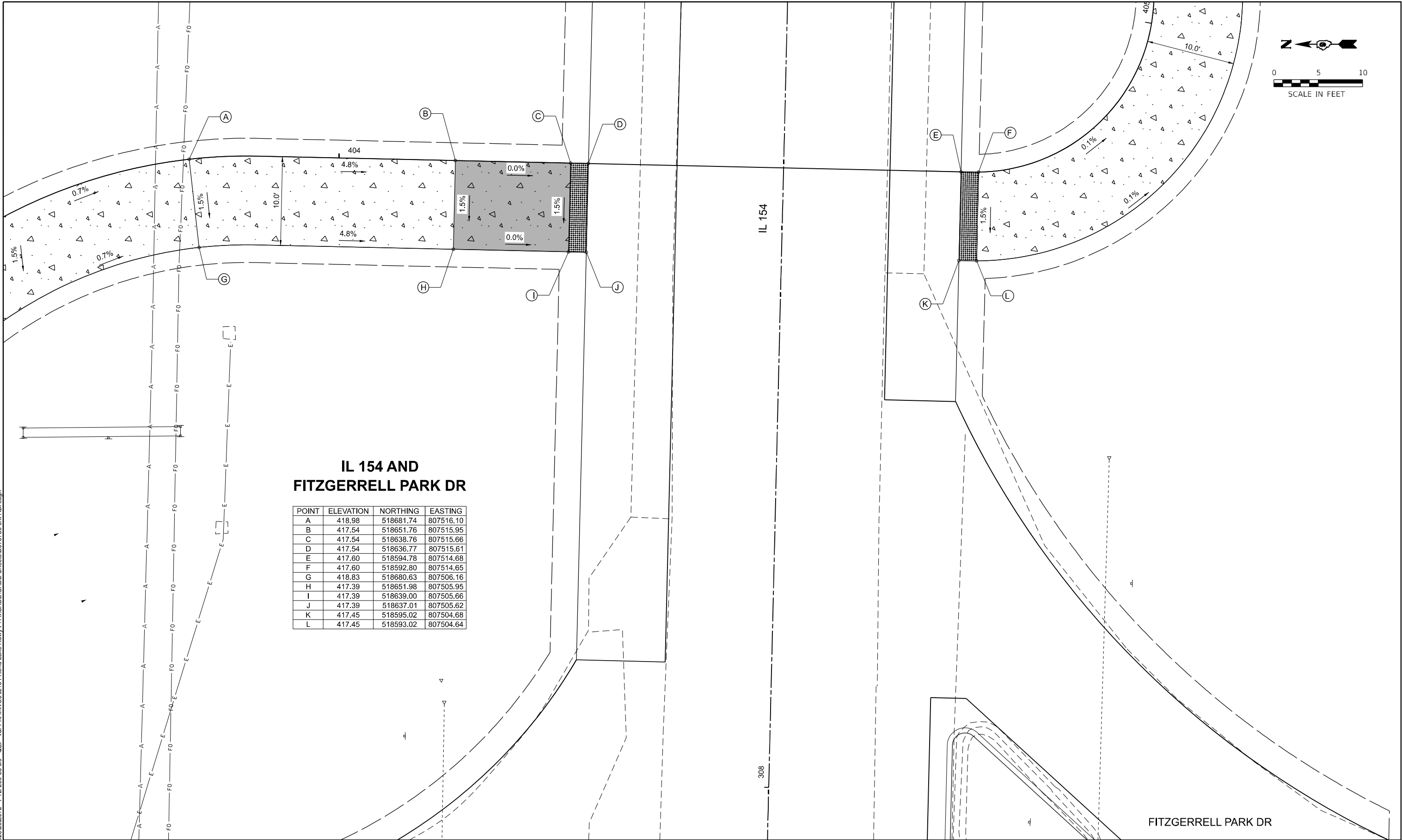
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
IL-154

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	189
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

MODEL: Multi-Use Path - Plan 7 [Sheet]
FILE NAME: \\Quigg\Projects\2023\IL072 - PTB 200-38 D9 - QEI - Var PH I\IWO3 IL154 Rend Lake Rdwy PH IICADD\CADD Sheets\DS78786-sht-ADA.dgn



QUIGG ENGINEERING INC

USER NAME = TOverton
PLOT SCALE = 0.16666633" / in.
PLOT DATE = 5/6/2025

DESIGNED - SL
DRAWN - SL
CHECKED - SMK
DATE - 05/07/2025

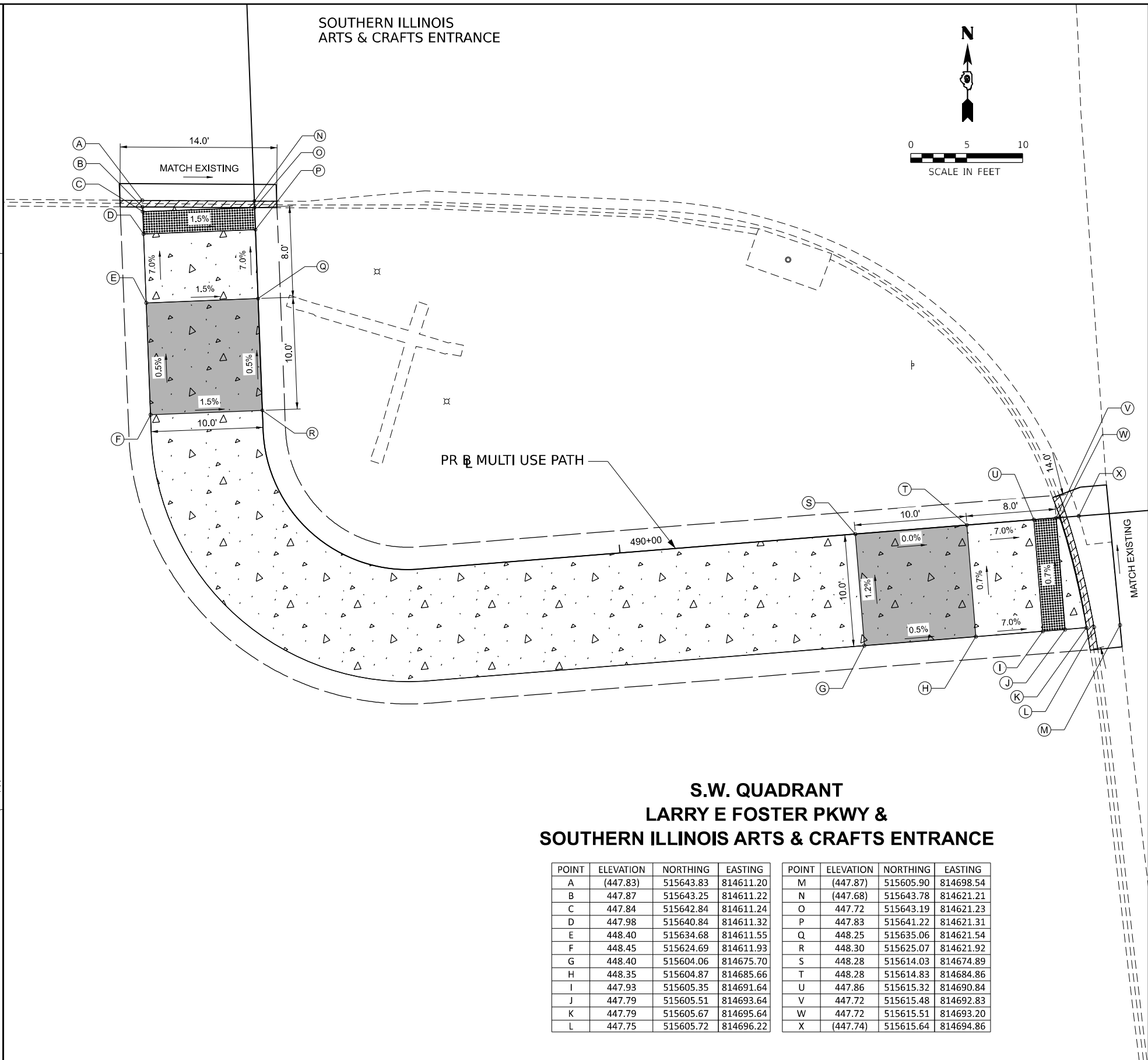
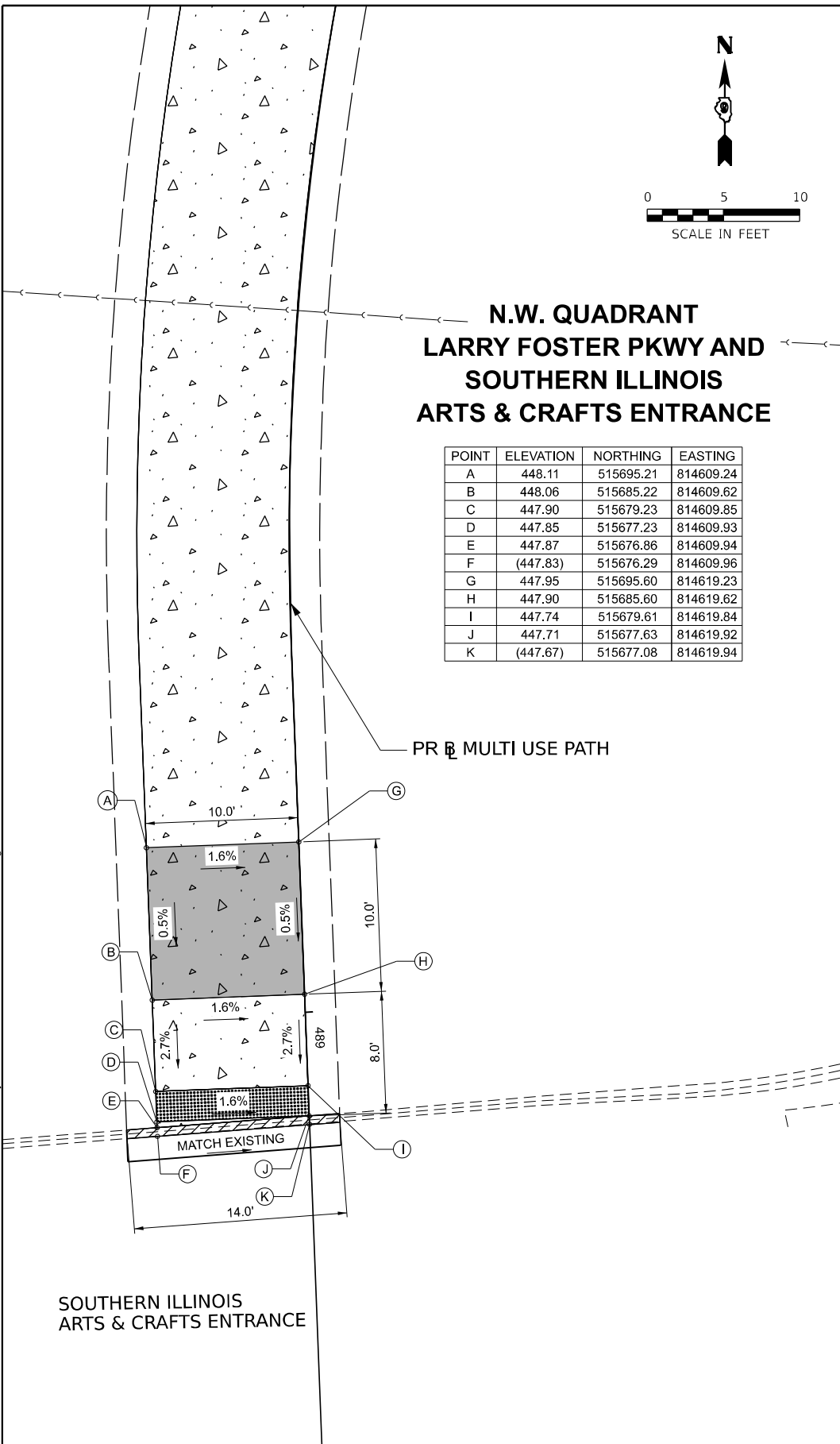
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA
MULTI-USE PATH
SCALE: 1"=5'
SHEET 1 OF 3 SHEETS
STA. 0+00.00 TO STA. 4+15.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	190
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

MODEL: Multi-Use Path - Plan 1 [Sheet]
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38 D9 - QEI - Var PH ILIWO3 IL154 Rend Lake Rwy PH IICADD\CADD Sheets\DS78786-sh-ADA.dgn



LEGEND

PROPOSED SIDEWALK

LANDING

DETECTABLE WARNING

DEPRESSED CURB AND GUTTER

EXISTING ELEVATION/SLOPE



QUIGG ENGINEERING INC

USER NAME = TOverton	DESIGNED - SL	REVISED -
	DRAWN - SL	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SMK	REVISED -
PLOT DATE = 5/5/2025	DATE - 05/07/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA
MULTI-USE PATH

SCALE: 1"=5'

SHEET 2

OF 3

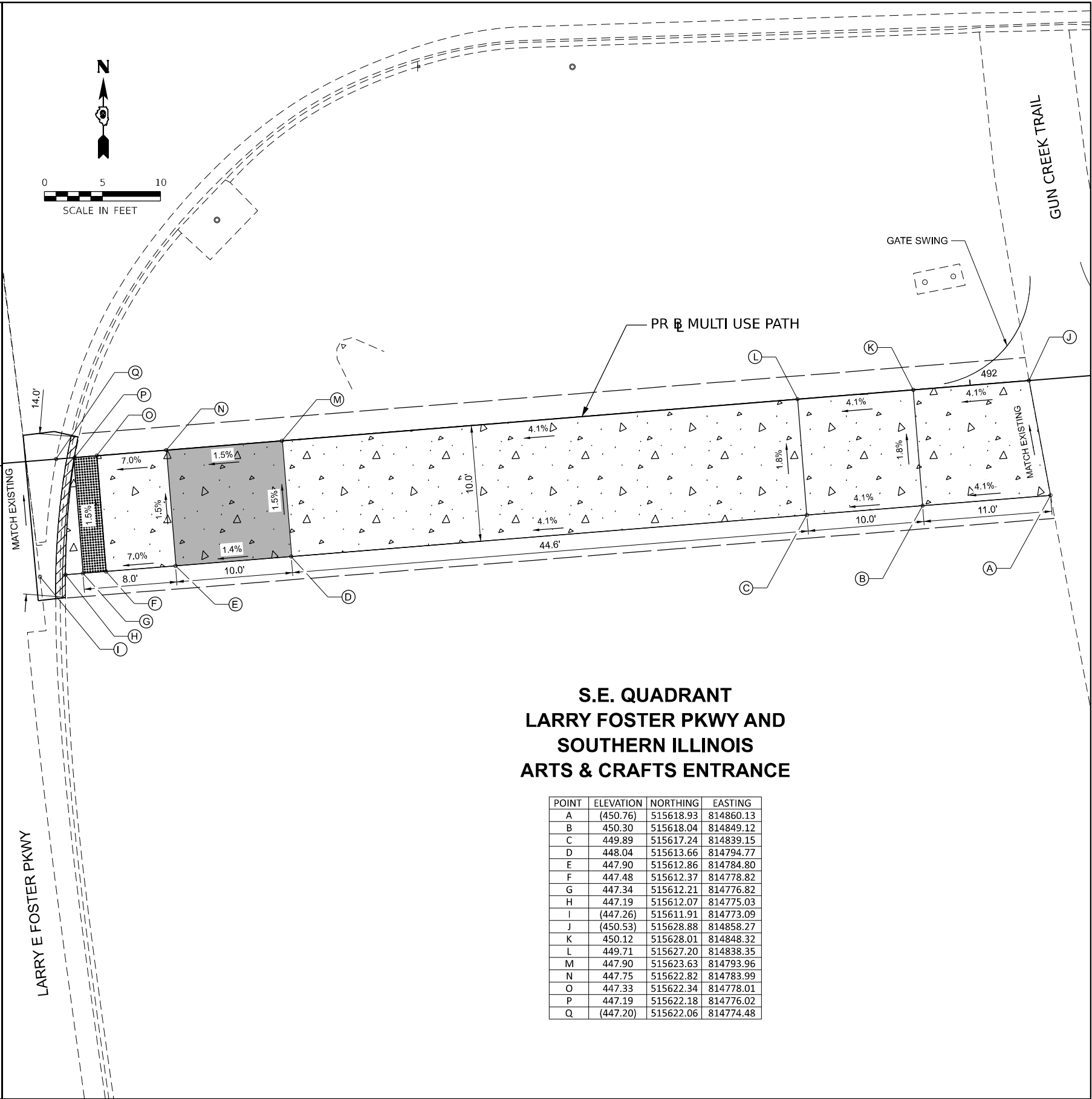
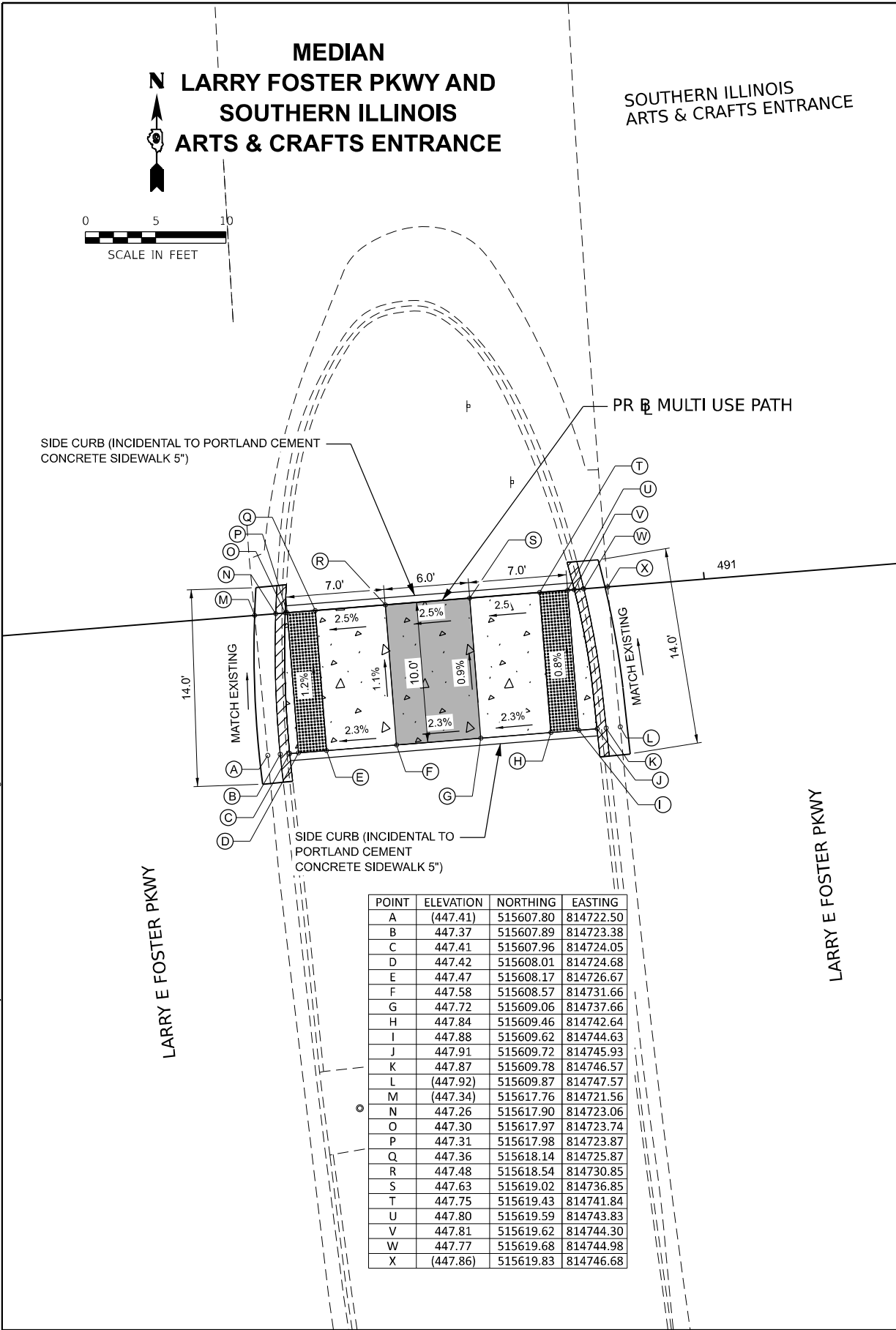
SHEETS

STA.

TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	191
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

MODEL: Multi-Use Path - Plan 3 [Sheet]
FILE NAME: \\Quigg\Projects\2023\23IL072 - PTB 205-38-D9-QEI - Var PH ILIWO3 IL154 Rend Lake Rdwy PH IICADD\ICADD Sheets\DS78786-sh-ADA.dgn



LEGEND

 PROPOSED SIDEWALK

 LANDING

 DETECTABLE WARNING

 DEPRESSED CURB AND GUTTER

 EXISTING ELEVATION/SLOPE



QUIGG ENGINEERING INC

USER NAME = TOverton	DESIGNED - SL	REVISED -
	DRAWN - SL	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SMK	REVISED -
PLOT DATE = 5/5/2025	DATE - 05/07/2025	REVISED -

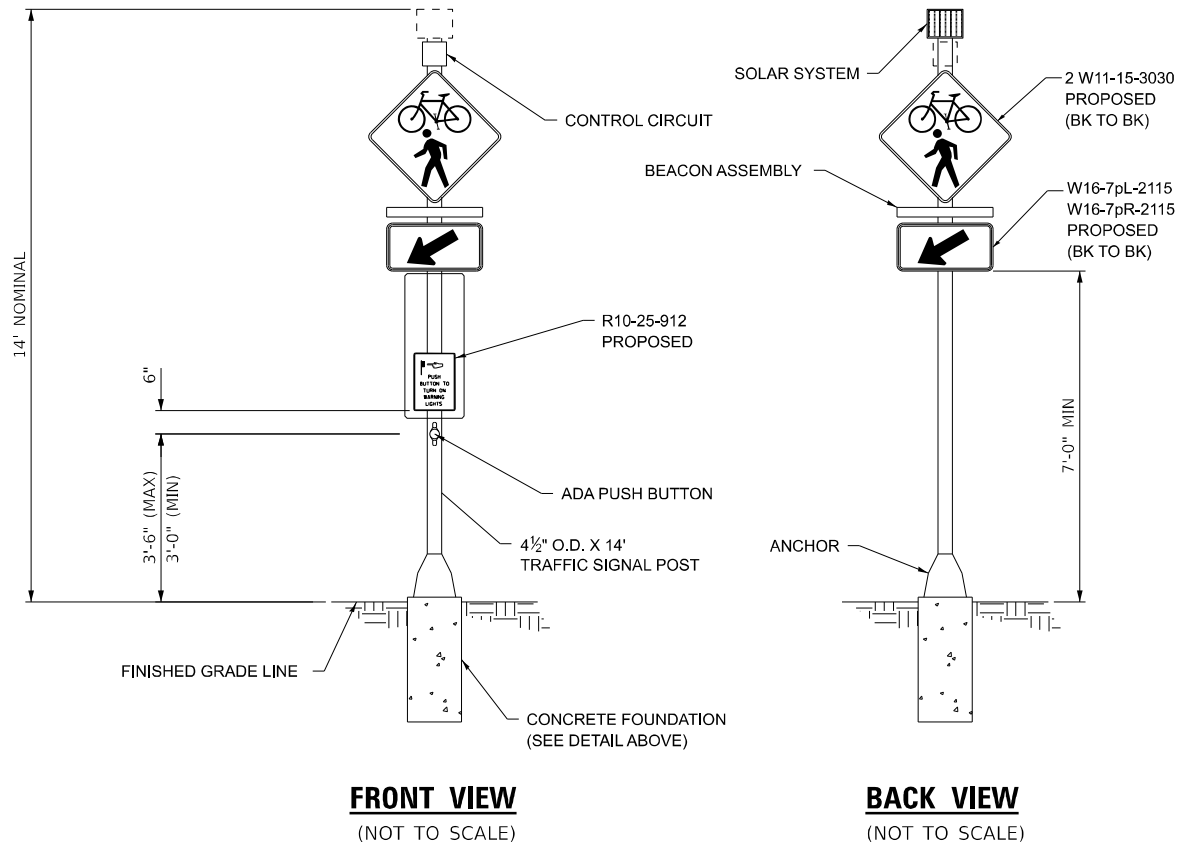
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA
MULTI-USE PATH

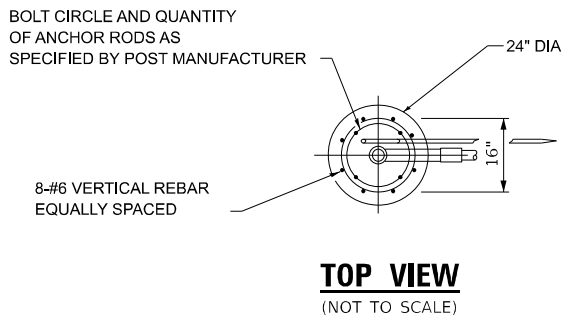
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

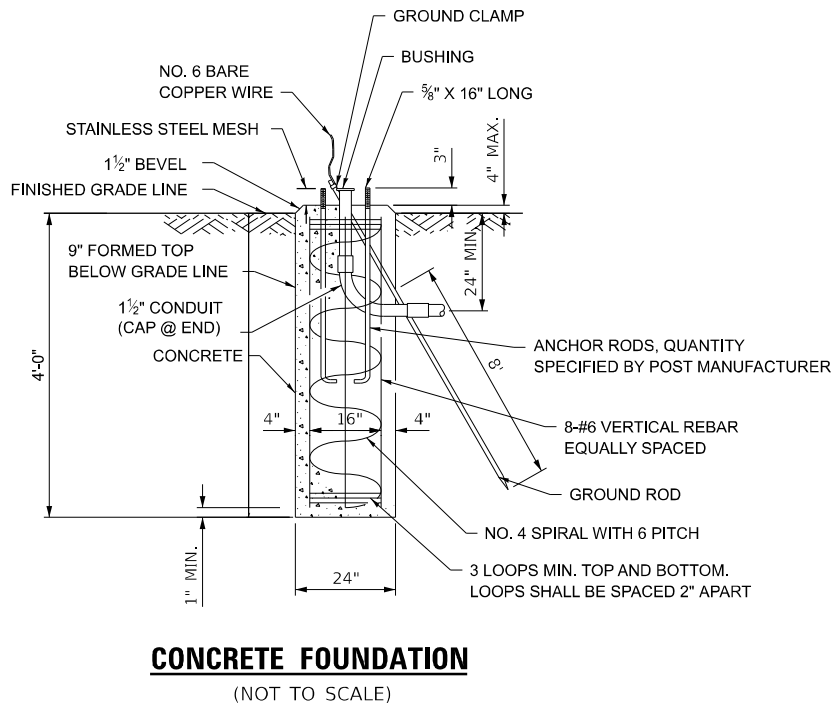
MODEL: Details - Plan 2 [Sheet]
FILE NAME: \\Quigg\Projects\2023\IL 154 Rend Lake Rdwy PH IICADD\CADD Sheets\DS78786-sht-Details_Rdwy.dgn



**SOLAR-POWERED FLASHING
BEACON ASSEMBLY (COMPLETE)**
(NOT TO SCALE)



- NOTES:**
- SEE SPECIAL PROVISION FOR SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE).
 - CONCRETE FOUNDATIONS, SIGN PANELS, CONTROL CIRCUITS, ETC SHALL BE INCLUDED IN THE COST OF THE ENTIRE ASSEMBLY.
 - POST AND FOUNDATION SHALL BE ACCORDING TO ARTICLE 1077.01 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - FOUNDATIONS SHALL BE PLACED ADJACENT TO THE EDGE OF SIDEWALK AT THE STATIONS INDICATED ON THE PLANS.



CONCRETE FOUNDATION
(NOT TO SCALE)



QUIGG ENGINEERING INC

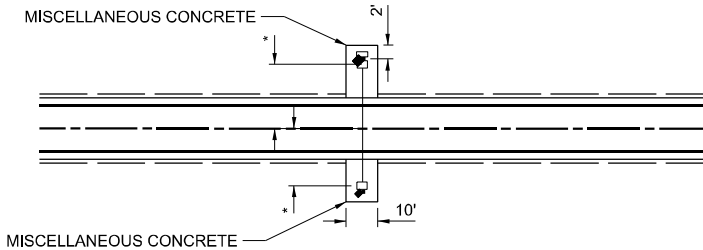
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	DRAWN - RG	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SMK	REVISED -
PLOT DATE = 5/5/2025	DATE - 05/07/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOLAR POWERED FLASHING BEACON ASSEMBLY & FOUNDATION DETAIL
IL 154

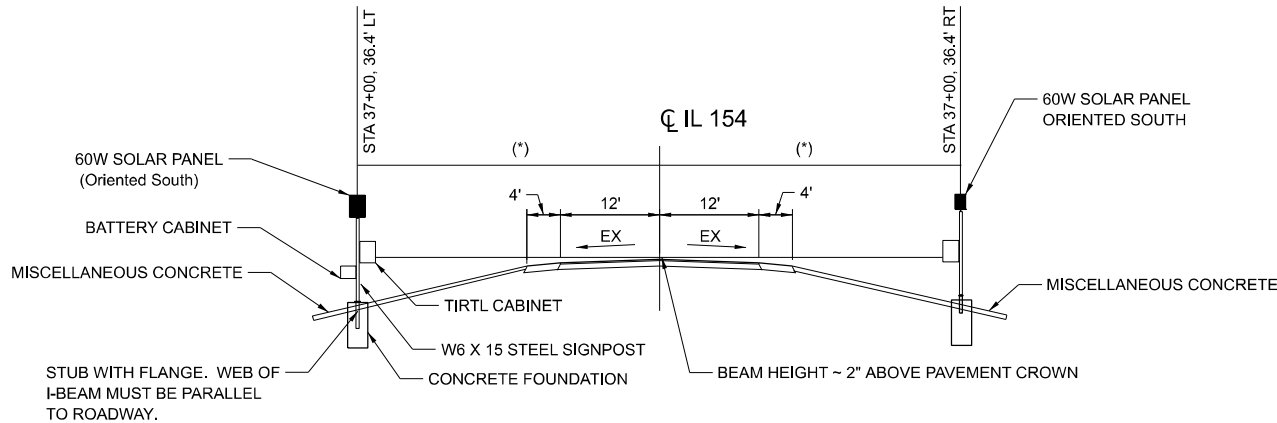
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	193
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

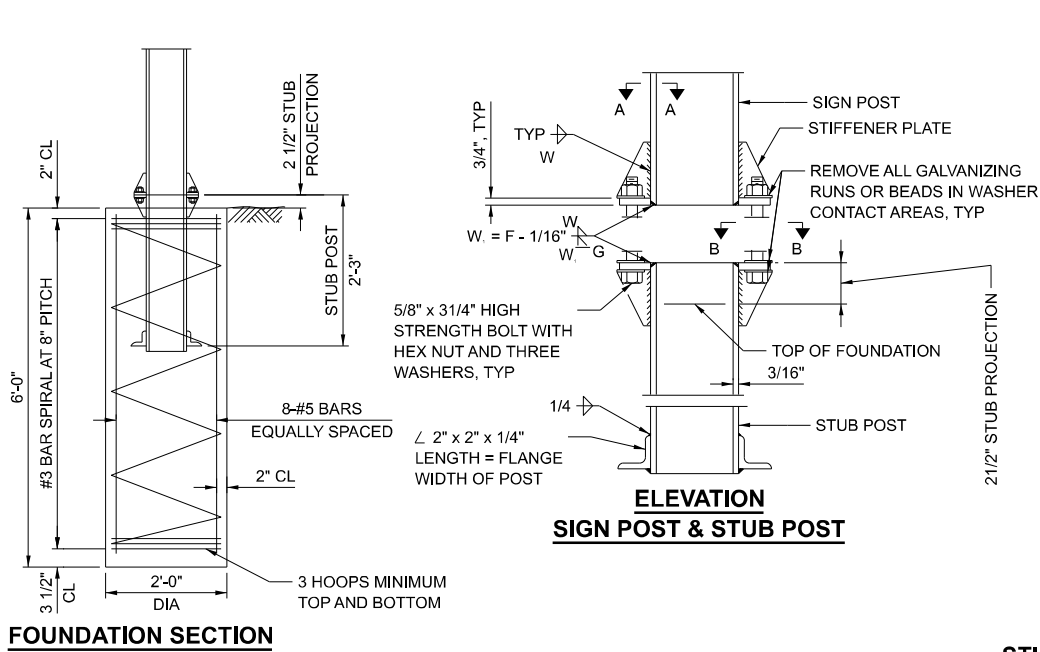


(*) THIS DISTANCE VARIES TO ADJUST THE PLACEMENT OF THE TIRTL CABINET SO THE HEIGHT OF THE BEAM IS 2" ABOVE THE CROWN OF THE PAVEMENT AND THE HEIGHT OF THE CABINET IS APPROX. 4' ABOVE THE GROUND.

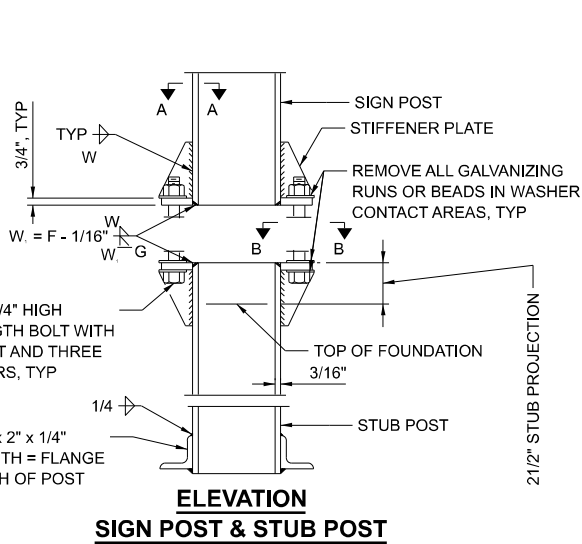
PLAN



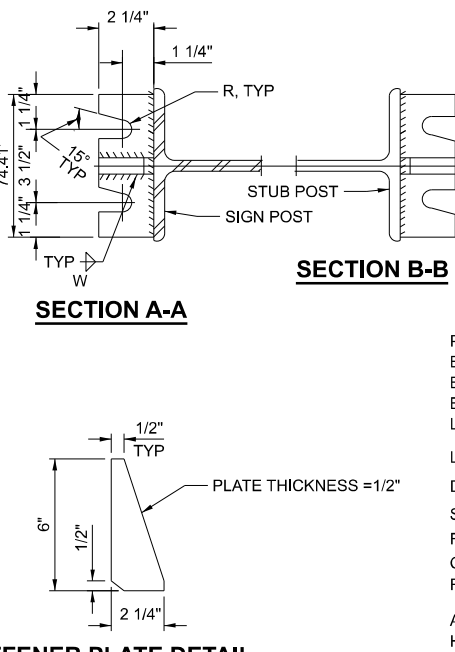
SECTION



FOUNDATION SECTION



ELEVATION SIGN POST & STUB POST



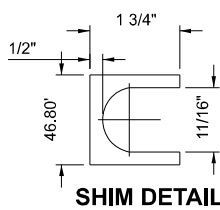
STIFFENER PLATE DETAIL

NOTES:

1. SYSTEM CONSISTS OF TWO W6 X 15 I-BEAM SIGNPOSTS WITH CONCRETE FOUNDATION AND A FLANGE WITH BREAKAWAY BOLTS
2. THE I-BEAMS ARE 12' LONG AND DRILLED AS PER THE I-BEAM DETAIL TO ACCOMMODATE A PIPE TO ALLOW THE MOUNTING OF THE SOLAR PANEL.
3. THE WEB OF THE I-BEAM IS TO BE PLACED PARALLEL TO THE LANES.
4. THE TWO POSTS MUST BE PLACED DIRECTLY ACROSS FROM EACH OTHER AND PERPENDICULAR TO THE LANES.
5. TWO POSTS ARE REQUIRED LOCATED AS PER THE ENGINEER AND DRAWING.
6. THE CABINETS ARE ATTACHED TO THE I-BEAM USING 8" GALVANIZED J-BOLTS.
7. THE BOTTOM OF THE CABINET HEIGHT MUST BE NO LOWER THAN 4' ABOVE THE GROUND AND BE ABLE TO VIEW ACROSS ALL LANES AT THE CROWN OF THE PAVEMENT.
8. THE IDOT OFFICE OF PLANNING AND PROGRAMMING DATA MANAGEMENT LAB RICH MARX (217-782-2065) SHALL BE NOTIFIED TWO WEEKS PRIOR TO THE LAYOUT AND SHALL BE PRESENT DURING THE PLACEMENT OF THE POST FOUNDATIONS.

TIRTL TRAFFIC COUNTER SCHEDULE OF QUANTITIES (FOR INFORMATION ONLY)

CODE NUMBER	ITEM	UNIT	QUANTITY
61100605	MISCELLANEOUS CONCRETE	CU YD	6
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	520
73400100	CONCRETE FOUNDATIONS	CU YD	1.4
X0320089	TRAFFIC COUNTER - TIRTL SYSTEM	EACH	1
TIRTL TRAFFIC DATA COLLECTION SYSTEM INCLUDES:			
	Sierra Wireless Modem RV-50	EACH	1
	Panorama Low Profile LTE MiMo LGAM-BC3G-26-3SP Antenna	EACH	1
	TIRTL CABINET 15" X 27" X 16"	EACH	2
	BATTERY CABINET 16.5" X 16" X 11.5" BBA1M w/ #2 Police Lock	EACH	1
	SOLAR PANEL 100 W 12 VDC with Bracket and junction box	EACH	2
	TIRTL TRAFFIC COUNTER	EACH	1
	VICTRON ENERGY SMARTSOLAR MPPT 75/15 CHARGE CONTROLLER	EACH	2
	BATTERY - 100 AH 12.8V LITHIUM IRON PHOSPHATE BATTERY (RB100)	EACH	2



SHIM DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

GENERAL NOTES

POSTS SHALL BE PLUMBED BY USING SHIMS WITH POST-TO-STUB POST CONNECTION BOLTS SNUG TIGHT ONLY. FINAL TIGHTENING OF ALL HIGH STRENGTH BOLTS SHALL BE IN ACCORDANCE WITH ARTICLE 727.05 AND THREADS AT THE JUNCTION OF THE BOLT AND NUT SHALL BE BURRED OR CENTER PUNCHED TO PREVENT THE NUT FROM LOOSENING.

LOADING: 80 M.P.H. WIND WITH 30% GUST FACTOR, NORMAL TO SIGN.

DESIGN STRESSES:

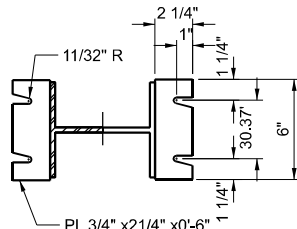
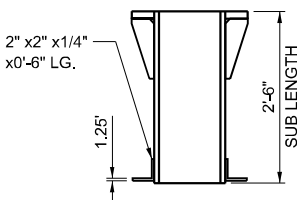
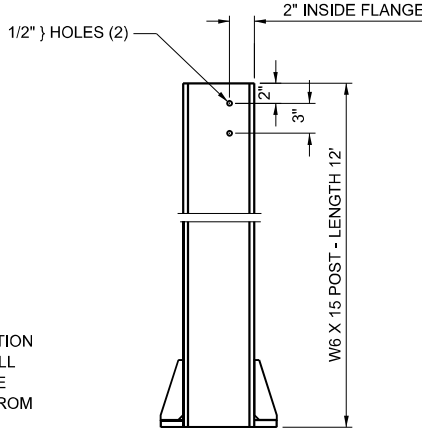
STRUCTURAL STEEL - 20,000 P.S.I.

REINFORCING STEEL - 20,000 P.S.I.

CONCRETE - 1,400 P.S.I.

FOOTING SOIL PRESSURE - 2,000 P.S.F.

AFTER FABRICATION, THE POST AND UPPER 6", MIN. OF THE STUB POST SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH AASHTO M111. ALL BOLTS, NUTS AND WASHERS SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH AASHTO M232.



BREAK-AWAY WIDE FLANGE STEEL POST DETAILS

MODEL: TrafficCounter - Plan 1 (Sheet)
FILE NAME: \\Quigg\Projects\2023\IL072 - PTB 205-38 D9 - QEI - Var PH ILIWO3 IL 154 Rend Lake Rdwy PH IICADD\CADD Sheets\078786-shl-Traffic_Counter.dgn



QUIGG ENGINEERING INC

USER NAME = TOverton	DESIGNED - RG	REVISED -
PLOT SCALE = 0.16666633' / in.	DRAWN - MB	REVISED -
PLOT DATE = 5/5/2025	CHECKED - SMK	REVISED -
	DATE - 05/07/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

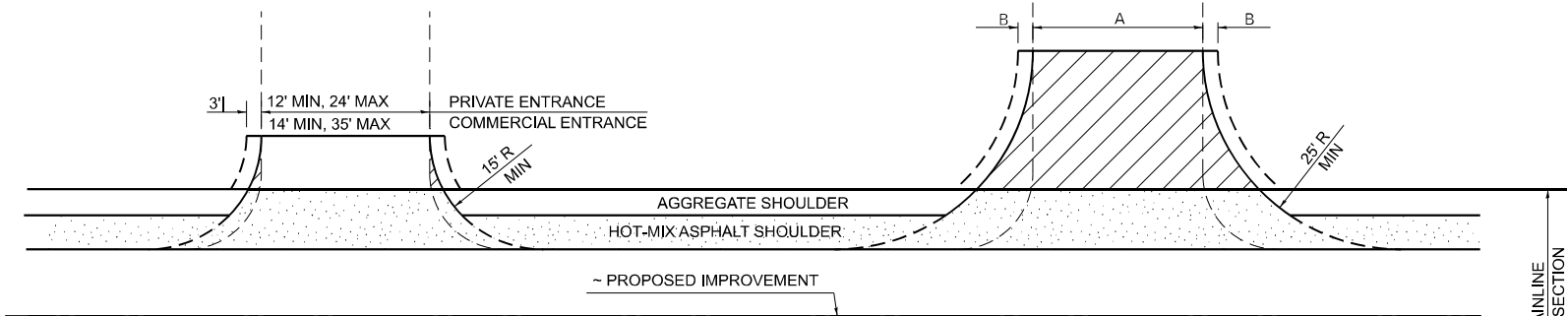
TIRTL TRAFFIC COUNTER DETAILS
IL 154

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

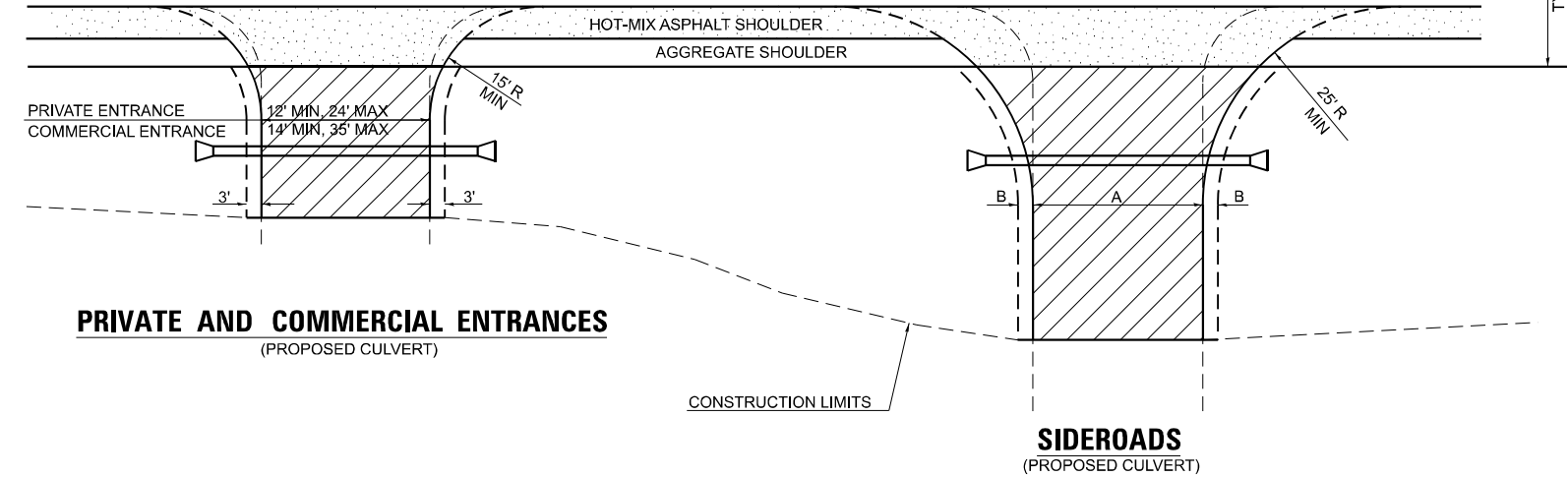
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	194
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

RURAL SIDE APPROACH DETAILS

PRIVATE AND COMMERCIAL ENTRANCES



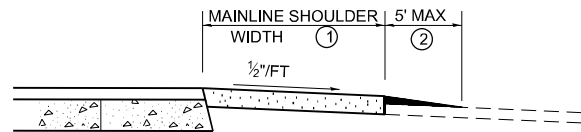
SIDEROADS



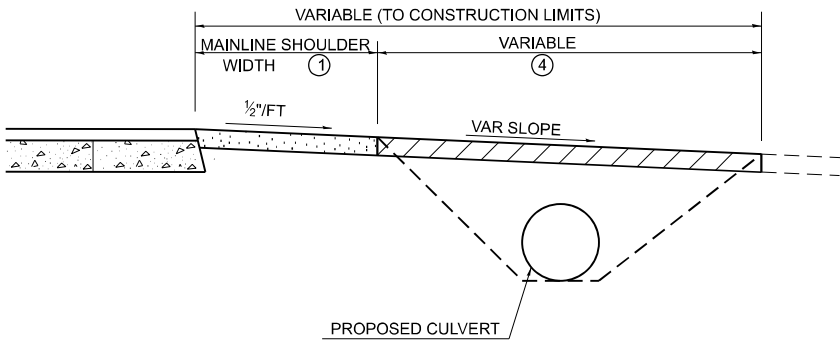
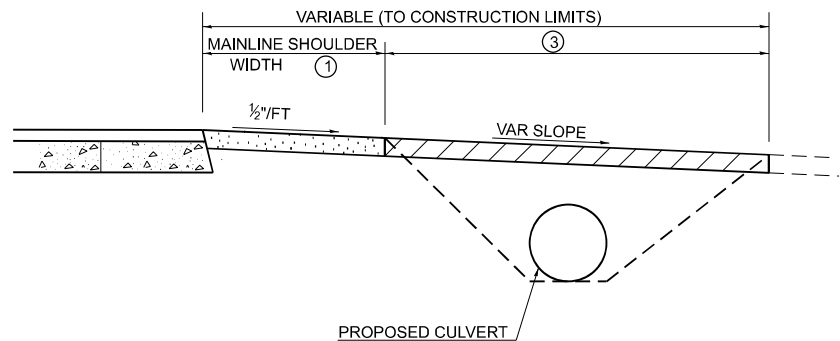
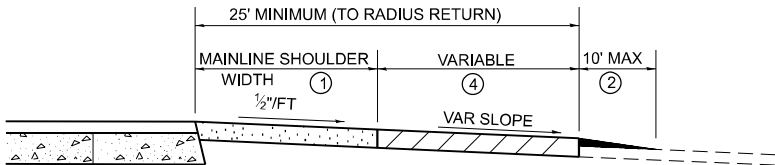
PRIVATE AND COMMERCIAL ENTRANCES
(PROPOSED CULVERT)

SIDEROADS
(PROPOSED CULVERT)

PRIVATE AND COMMERCIAL ENTRANCES



SIDEROADS



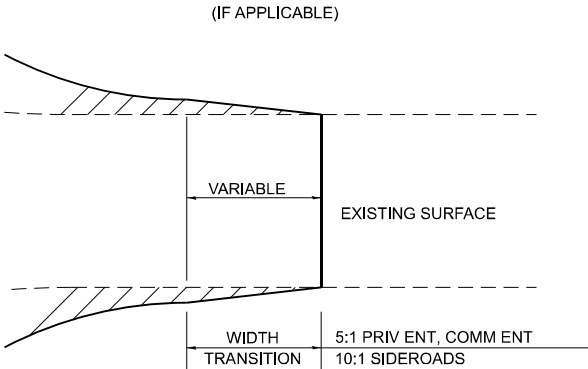
SIDEROAD DIMENSIONS (MIN.)

ADT	A (FT)	B (FT)
0 TO 250	18'	2'
250 TO 400	20'	2'
GREATER THAN 400	22'	4'

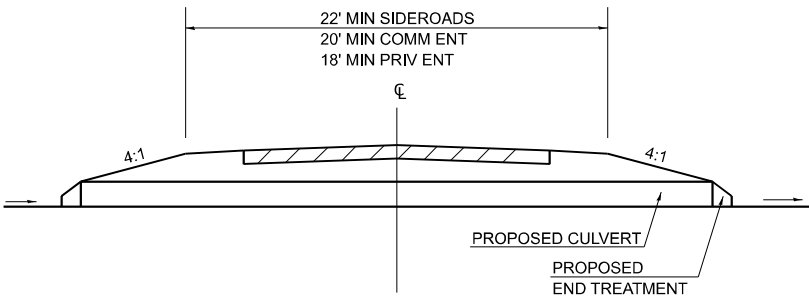
FIELD ENTRANCE TREATMENT

CONSTRUCT MAINLINE HOT-MIX ASPHALT AND AGGREGATE SHOULDERS THROUGH FIELD ENTRANCES.
IF A PIPE IS REQUIRED, PROVIDE A 22' WIDE EARTH EMBANKMENT WITH 15' RADII AT THE INTERSECTION.

WIDTH TRANSITION DETAIL TO EXISTING



DETAIL FOR CALCULATING CULVERT LENGTH



LEGEND

- CONSTRUCT HOT-MIX ASPHALT SHOULDER "FULL SHOULDER WIDTH" THROUGH ENTRANCE/INTERSECTION UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- IF REQUIRED, AGGREGATE TAPER FOR EXISTING GRAVEL SURFACE; HOT-MIX ASPHALT TAPER FOR EXISTING HIGHER TYPE SURFACES.
- 6" AGGREGATE SURFACE COURSE FOR EXISTING GRAVEL SURFACE; 2" HOT-MIX ASPHALT RESURFACING ON 4" AGGREGATE BASE COURSE FOR EXISTING HOT-MIX ASPHALT SURFACE; PCC DRIVEWAY PAVEMENT (6" - PE; 7" - CE) FOR EXISTING CONCRETE SURFACE.
- 3" MINIMUM HOT-MIX ASPHALT RESURFACING ON 8" MINIMUM AGGREGATE BASE COURSE FOR EXISTING GRAVEL SURFACE OR OIL & CHIP SURFACE; MATCH EXISTING FOR EXISTING HIGHER TYPE SURFACES.

GENERAL NOTES

- ENTRANCE LOCATIONS ARE TO COMPLY WITH IDOT'S POLICY "ACCESS TO STATE HIGHWAYS".
- IN GENERAL, RELOCATED PRIVATE ENTRANCES ARE TO HAVE A 16' WIDE SURFACE WITH 3' WIDE SHOULDERS (22' WIDE EMBANKMENT).
- SEE PLANS FOR PROPOSED PROFILE GRADES AT ENTRANCES/SIDEROADS. THE DESIRABLE MAXIMUM PROFILE GRADE FOR ENTRANCES ARE 12% FOR PE; 10% FOR CE.
- ENTRANCE PIPE CULVERTS ARE TO BE A MINIMUM 15" DIAMETER AND NORMALLY REPLACED IN KIND; SIDEROAD PIPE CULVERTS ARE GENERALLY TO BE CONCRETE (18" MINIMUM DIAMETER).
- THE INTERSECTION RADII OF SIDEROADS SHALL BE AS SHOWN ON THE PLANS.

MODEL: Details - Plan 1 [Sheet]
FILE NAME: \\Output\Projects\2023\2311072 - PTB 205-38 D9 - QEI - Var PH ILLVO3 IL154 Rend Lake Rdwy PH ILLCADDICADD Sheets\078786-sh-Details_D9_Stand.dgn

USER NAME = TOverton	DESIGNED -	REVISED -
PLOT SCALE = 0.16666633" / in.	DRAWN -	REVISED -
PLOT DATE = 5/5/2025	CHECKED -	REVISED -
	DATE = 05/07/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STANDARD DETAILS
DISTRICT 9

SCALE: NONE SHEET 1 OF 3 SHEETS STA. TO STA.

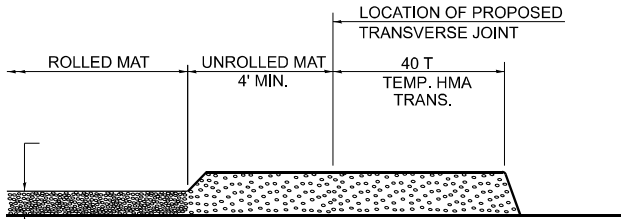
DRAWN	03-05-91
REVISED	01-20-00
REVISED	10-21-21
REVISED	05-27-22

STD. 9-

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	195
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

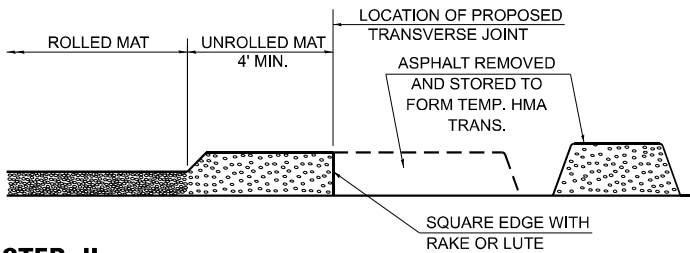
MODEL: Details - Plan 2 [Sheet]
FILE NAME: \\Ougg\Projects\2023\2311072 - PTB 205-38 D9 - QEI - Var Ph1.III\VO3 IL154 Rend Lake Rdwy PH IICADD\ICADD Sheets\D9\786-sh-Details_D9_Stand.dgn

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



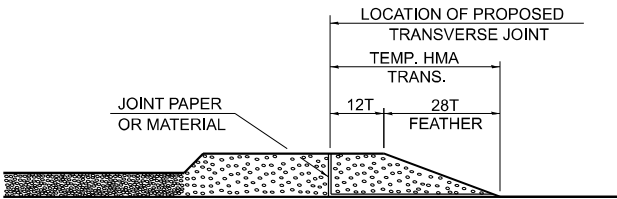
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 40 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



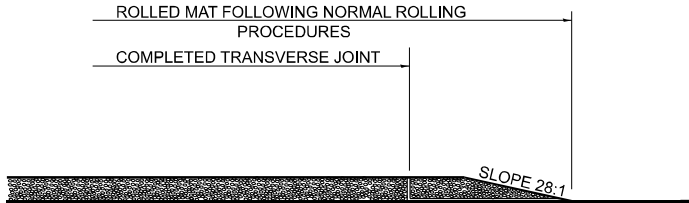
STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



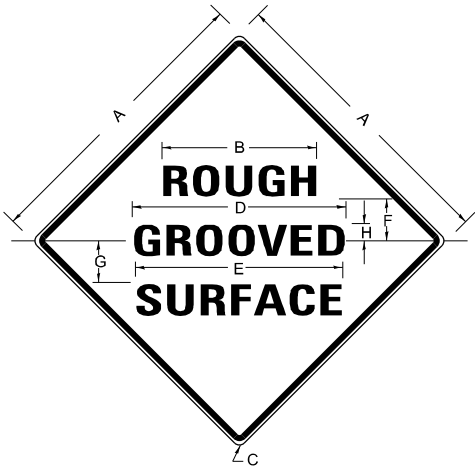
STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

STD. 9-18

DRAWN	02-15-89
REVISED	01-09-07
REVISED	10-21-21
REVISED	05-26-22

ILLINOIS STANDARD
ROUGH GROOVED SURFACE SIGN



NOTES

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

COLORS

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

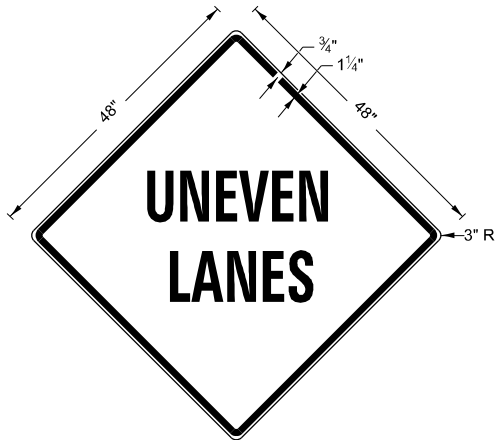
SIGN SIZE	SERIES LINES			MAR- GIN	BOR- DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

DRAWN	02-15-89
REVISED	03-27-08
REVISED	10-21-21
REVISED	05-27-22

STD. 9-23

UNEVEN LANES SIGN
W8-11 (48" X 48")



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

DRAWN	02-15-89
REVISED	05-08-08
REVISED	10-21-21
REVISED	05-27-22

STD. 9-24

USER NAME = TOverton	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 5/5/2025	DATE - 05/07/2025	REVISED -

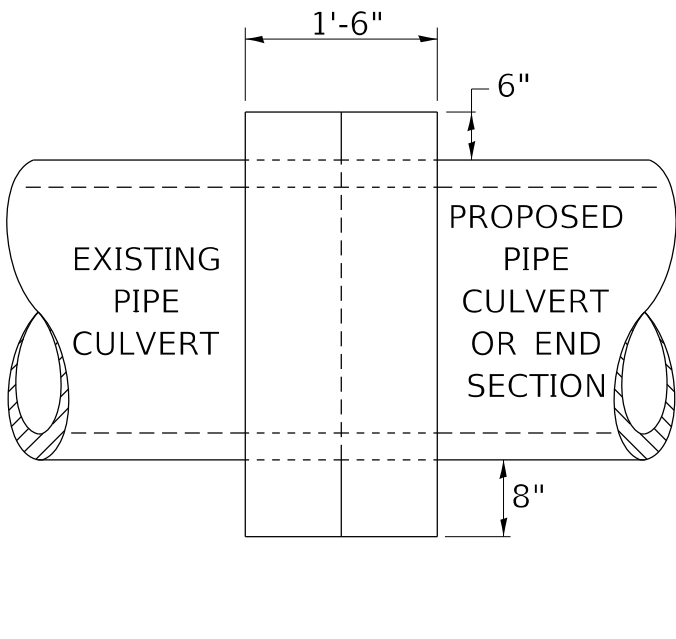
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STANDARD DETAILS
DISTRICT 9

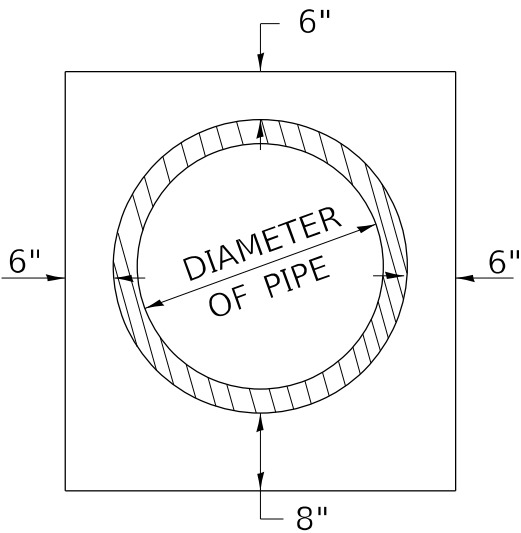
SCALE: NONE SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	196
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				

CONCRETE COLLAR
PIPE TO PIPE



SIDE VIEW



END VIEW

TABULATION

DIAMETER OF PIPE	CL SI CONC CU YDS EST
12"	0.24
15"	0.29
18"	0.32
24"	0.44
30"	0.56
36"	0.66
42"	0.80
48"	0.93
54"	1.07
60"	1.22
72"	1.55

THE CONCRETE COLLAR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE COLLAR, AS SHOWN ON THE PLANS, WHICH PRICE SHALL INCLUDE THE REMOVAL OF SUCH PORTIONS THE EXISTING HEADWALLS AS MAY BE REQUIRED.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

REVISIONS

DRAWN	7-13-90
REVISED	8-22-94
REVISED	3-26-08
REVISED	5-17-13
REVISED	10-21-21

STD. 9-79

MODEL: Concrete Collar Detail [Sheet]
FILE NAME: c:\pwworking\technet\pww-01\40186573\ConcCollarPipe-D9_Detail.dgn

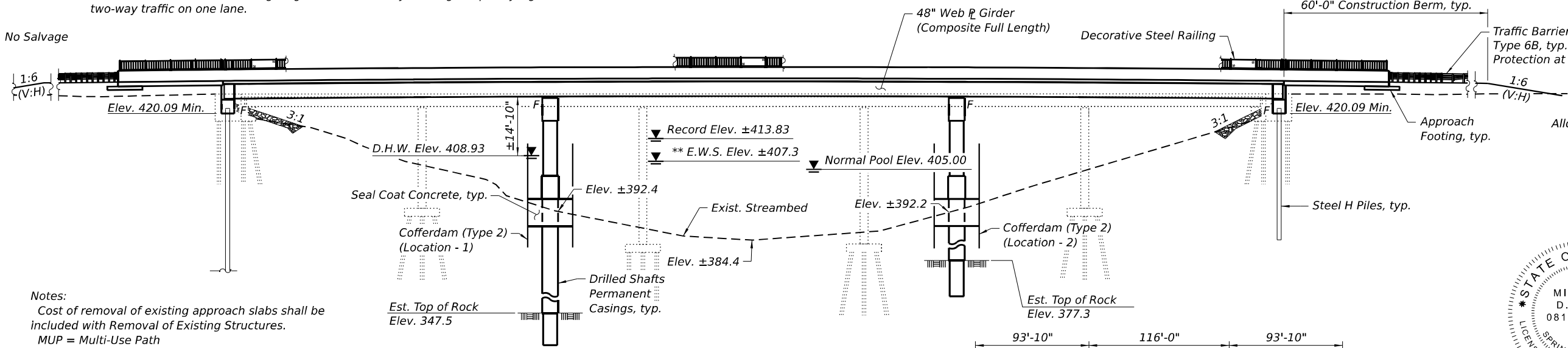
	USER NAME = ALAU	DESIGNED - KD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STANDARD DETAILS DISTRICT 9				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KD	REVISED -						845	112(RS-4, BLP-1); 112B-4	FRANKLIN	406	197
		CHECKED - AL	REVISED -						CONTRACT NO. 78786				
	PLOT DATE = 05/07/2025	DATE - 05/07/2025	REVISED -		SCALE: NTS	SHEET 3	OF 3 SHEETS	STA. N/A	TO STA. N/A	ILLINOIS FED. AID PROJECT			

Benchmark: BM 134 - Chiseled square on south parapet wall on east end of SN 028-0052 - Elevation 427.322

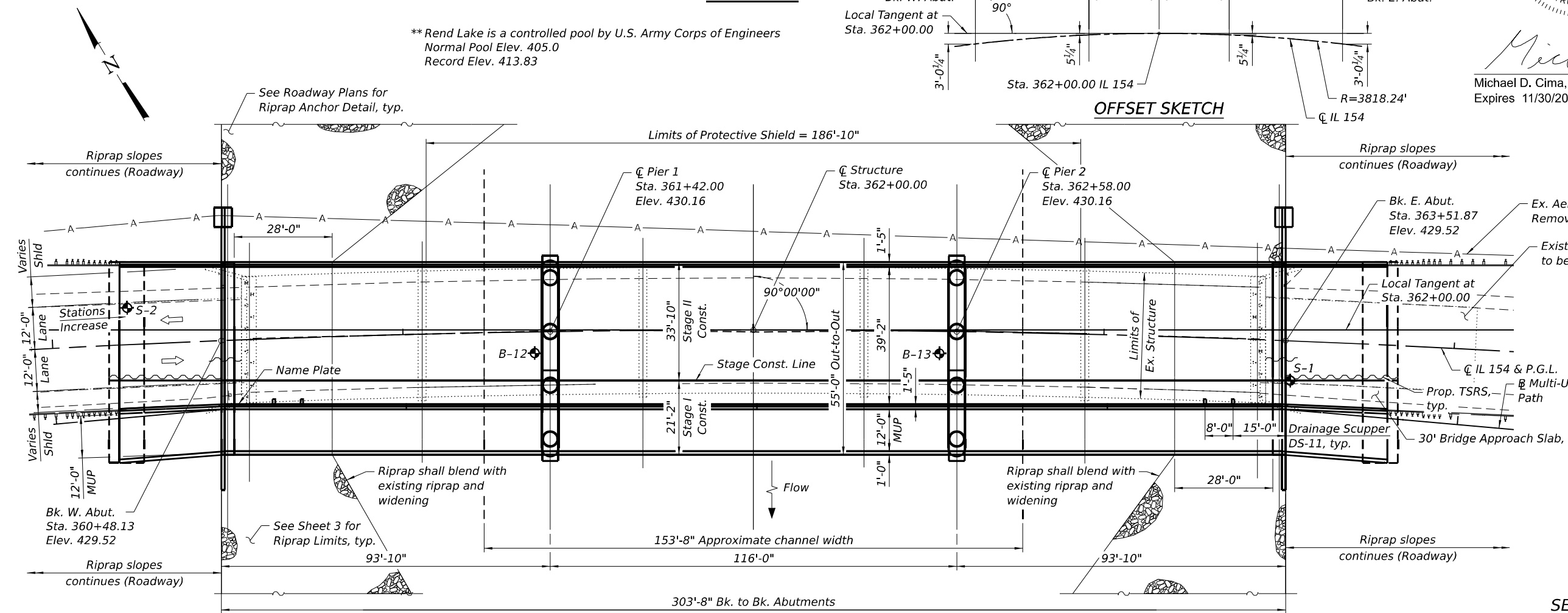
Existing Structure: SN 028-0052 Built In 1966, Station 362+00.00 under Section 112 B-3 to carry S.B.I Rte 183.
5-span reinforced concrete deck on continuous non-composite steel beams with welded cover plates supported by abutments and multi-column piers on rock. The structure length is 292'-2" bk. to bk. abutments, and 36'-0" out to out deck. Bridge alignment follows roadway horizontal curve. Superstructure is chorded beam sections at splices with variable overhangs.

Traffic Control: Traffic to be maintained utilizing staged construction by utilizing temporary signals to allow for two-way traffic on one lane.

No Salvage



ELEVATION



PLAN

SEISMIC DATA

Seismic Performance Zone (SPZ) = 3
Design Structural Acceleration at 1.0 Sec. (SD1) = 0.314 g
Design Structural Acceleration at 0.2 Sec. (SDS) = 0.634 g
Soil Site Class = D

DESIGN STRESSES

FIELD UNITS

$f'_c = 3,500$ psi (Substructure)
 $f'_c = 4,000$ psi (Superstructure & Drilled shafts)
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (M270 Grade 50) *
* Steel girders shall be metalized

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications,
9th Edition

LIVE LOAD DEFLECTION

Live Load Deflection $\leq$ Span Length/1000

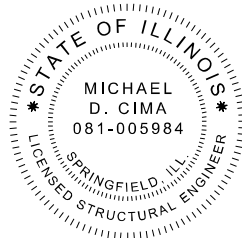
LOADING HL-93

Allow 50#/Sq. Ft. for future wearing surface

APPROVED

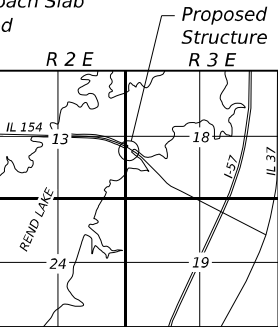
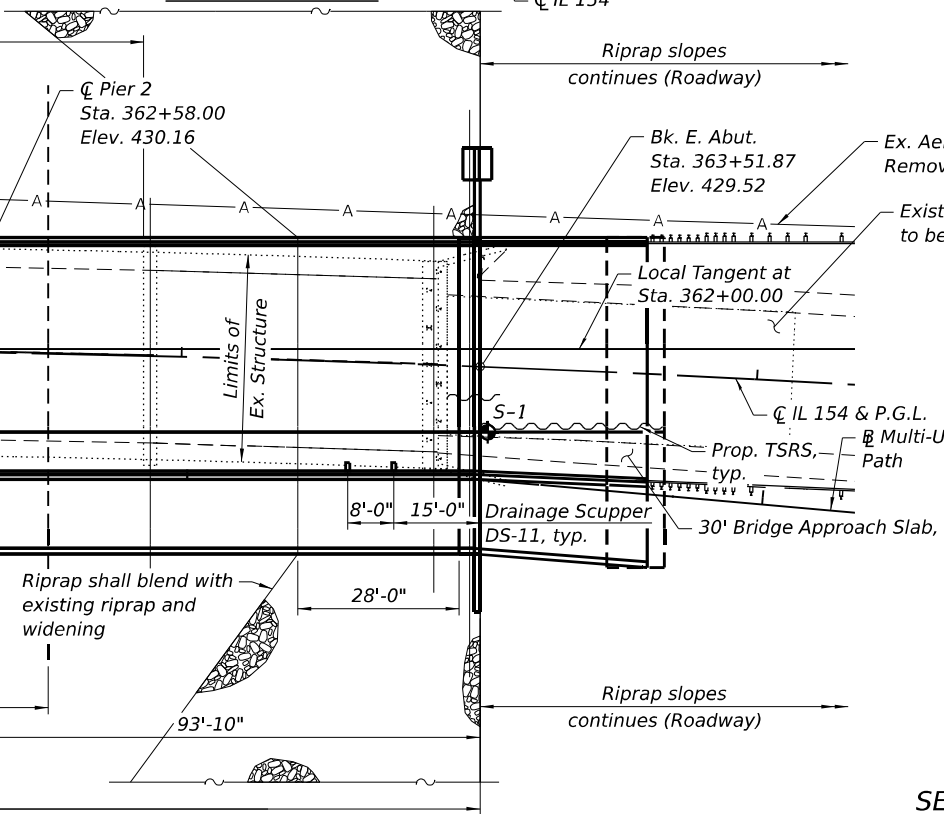
For Structural Adequacy Only

Engineer of Bridges & Structures



Michael D. Cima 5/2/2025
Michael D. Cima, Illinois S.E. 081-005984 Date
Expires 11/30/2025

OFFSET SKETCH



LOCATION SKETCH

GENERAL PLAN & ELEVATION

IL ROUTE 154 (F.A.P. 845)

OVER REND LAKE

FRANKLIN COUNTY

SECTION 112(RS-4,BLP-1); 112B-4

STATION 362+00.00

STRUCTURE NO. 028-0095

QUIGG ENGINEERING INC
DESIGN FIRM REG. NO. 184.004721

USER NAME = JCray
\$FILESS
PLOT SCALE = 33.333' / in.
PLOT DATE =

DESIGNED - RPW
CHECKED - KFO
DRAWN - JDC
CHECKED - MDC

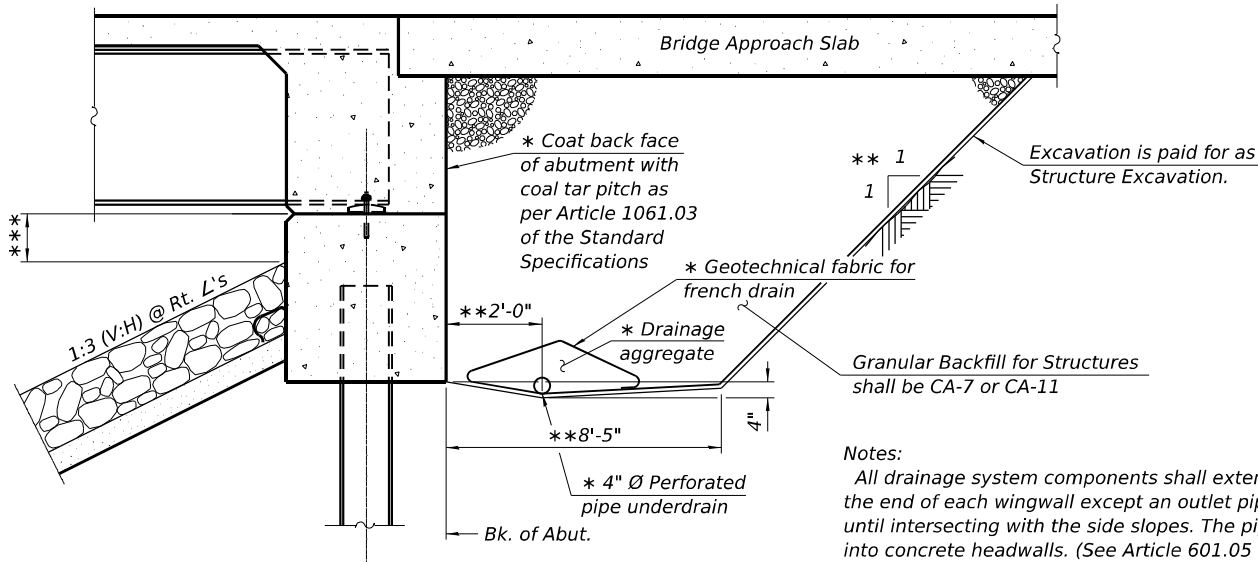
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
STRUCTURE NO. 028-0095

SHEET 1 OF 41 SHEETS

F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
845 112(RS-4,BLP-1); 112B-4 FRANKLIN 406 198
CONTRACT NO. 78786
ILLINOIS FED. AID PROJECT



SECTION THRU INTEGRAL ABUTMENT
(Horiz. Dim. at Rt. Angles)

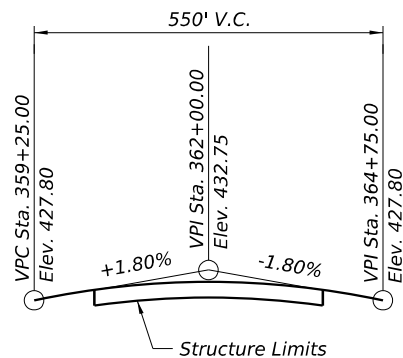
- * Included in the cost of Pipe Underdrains for Structures.
- ** Dimension parallel to Local Tangent at Sta. 362+00.00.
- *** 1'-0" min. to 2'-0" max. at low bearing seat.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal and Disposal of Unsuitable Material	Cu. Yd.		2,121	2,121
Stone Riprap, Class A3	Ton		827	827
Stone Riprap, Class A5	Ton		3,808	3,808
Filter Fabric	Sq. Yd.		189	189
Removal of Existing Structures	Each		1	1
Protective Shield	Sq. Yd.	748		748
Structure Excavation	Cu. Yd.		380	380
Cofferdam Excavation	Cu. Yd.		248	248
Cofferdam (Type 2) (Location - 1)	Each		1	1
Cofferdam (Type 2) (Location - 2)	Each		1	1
Concrete Structures	Cu. Yd.		441.8	441.8
Concrete Superstructure	Cu. Yd.	620.0		620.0
Bridge Deck Grooving	Sq. Yd.	2,041		2,041
Seal Coat Concrete	Cu. Yd.		471.6	471.6
Protective Coat	Sq. Yd.	2,694		2,694
Concrete Superstructure (Approach Slab)	Cu. Yd.	156.1		156.1
Furnishing & Erecting Structural Steel	L Sum	1		1
Stud Shear Connectors	Each	7,397		7,397
Reinforcement Bars	Pound		86,270	86,270
Reinforcement Bars, Epoxy Coated	Pound	212,950	124,040	336,990
Bar Splicers	Each	1,291	420	1,711
Mechanical Splicers	Each		352	352
Parapet Railing	Foot	357		357
Furnishing Steel Piles HP16x141	Foot		1,500	1,500
Driving Piles	Foot		1,500	1,500
Test Pile Steel HP16x141	Each		2	2
Name Plates	Each	1		1
Permanent Casing	Foot		269	269
Drilled Shaft in Soil	Cu. Yd.		158.4	158.4
Drilled Shaft in Rock	Cu. Yd.		102.5	102.5
Anchor Bolts, 1"	Each	28		28
Anchor Bolts, 1 1/4"	Each	28		28
Temporary Soil Retention System	Sq. Ft.		362	362
Granular Backfill for Structures	Cu. Yd.		542	542
Pipe Underdrains for Structures 4"	Foot		220	220
Crosshole Sonic Logging Access Ducts	Foot		489	489
Crosshole Sonic Logging Access Testing	Each		8	8
Coarse Aggregate Backfill (Special)	Ton		3,524	3,524
Bar Terminators	Each	110	708	818
Drainage Scuppers, DS-11	Each		4	4
Decorative Steel Railing	Foot	361		361

CURVE DATA

IL Route 154 (F.A.P. 845)
PI Sta. 359+24.48
 $\Delta=48^{\circ}02'07''$ Rt.
 $D=1^{\circ}30'02''$
 $R=3818.24'$
 $T=1701.40'$
 $L=3201.11'$
 $E=361.92'$
PC Sta. 342+23.08
PT Sta. 374+24.19



PROFILE GRADE
(Along CL 154)

INDEX OF SHEETS

- General Plan and Elevation
- General Data
- Substructure Layout
- Stage Construction Details
- Temporary Soil Retention System
- Temporary Concrete Barrier for Stage Construction
- Top of Slab Elevations
- Top of Approach Slab Elevations
- Superstructure
- Superstructure Details
- Diaphragm Details
- Drainage Scupper, DS-11
- Bridge Approach Slab Details
- Decorative Railing and Parapet Railing
- Framing Plan
- Structural Steel Details
- Design Data Tables
- Bearing Details
- West Abutment
- East Abutment
- Abutment Details
- Pier 1
- Pier 2
- Pier Details
- HP Pile Details
- Bar Splicer Assembly and Mechanical Splicer Details
- Boring Logs

GENERAL NOTES

Fasteners shall be ASTM F 3125 Grade A325 Type 1, hot dip galvanized bolts in uncoated metallized areas. Bolts 7/8 in. diameter, holes 15/16 in. diameter, unless otherwise noted. See special provision for "Metallizing of Structural Steel".

Calculated Weight of Structural Steel = 37,120 lbs (M270 Grade 36)
453,350 lbs (M270 Grade 50)

All structural steel shall be metallized with System 1 (clear sealer). See Special Provision for "Metallizing of Structural Steel."

No field welding is permitted except as specified in the contract documents.

Reinforcement bars designated (E) shall be epoxy coated.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 in. (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

The embankment configuration with 60 ft. berm shown shall be the minimum that must be placed and compacted prior to construction of the abutments.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to address the presence of lead on this project.

Slipforming of the parapets is not allowed.

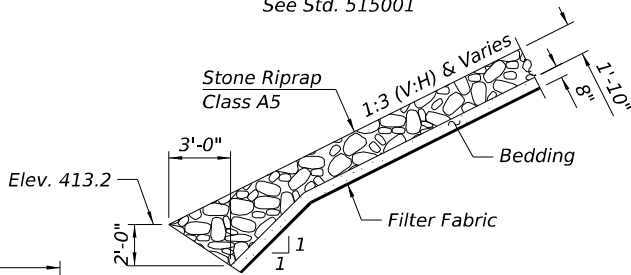
The Seal coat design thickness is estimated based on the Cofferdam Design Water Elevation (CDWE) shown. Final cofferdam design, details and seal coat thickness shall be submitted to the Engineer for approval.

Riprap shall be Stone Riprap, Class A5 above Elevation 402. Riprap shall be Stone Riprap, Class A3 below Elevation 402 and above top of Riprap Anchor. Course Aggregate Backfill (Special) shall be used for the Riprap Anchor. See Roadway Plans for additional Riprap details and limits of Removal and Disposal of Unsuitable Material.

STA. 362+00.00
BUILT BY
STATE OF ILLINOIS
F.A.P. 845
SEC. 112(RS-4,BLP-1); 112B-4
LOADING HL-93
STR. NO. 028-0095

NAME PLATE

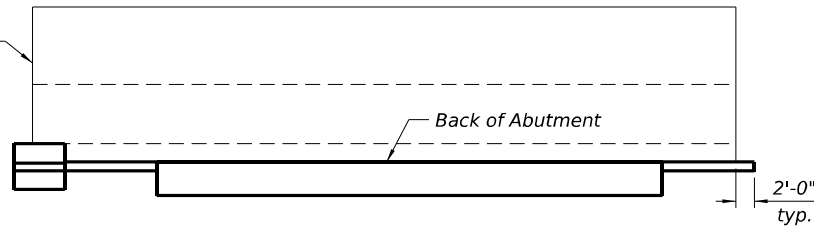
See Std. 515001



SECTION A-A

For location of Section A-A
see sheet 3 of 41.

Limits of Granular
Backfill for Structures



PLAN SHOWING GRANULAR
BACKFILL FOR STRUCTURES

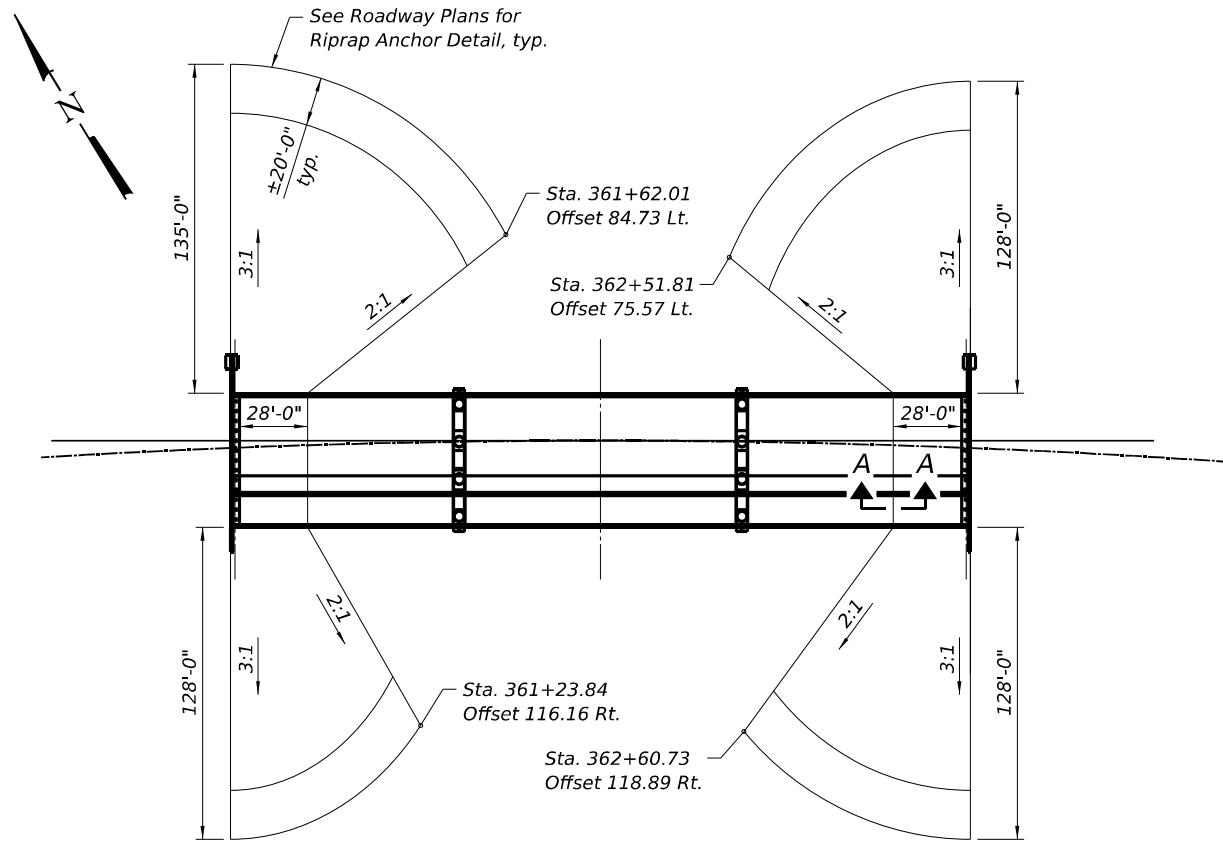
DESIGN SCOUR ELEVATION TABLE

Event / Limit State	Design Scour Elevations (ft.)				Item 113
	E. Abut.	Pier 1	Pier 2	W. Abut.	
Q100	420.09	380.8	380.8	420.09	5
Q200	420.09	380.6	380.6	420.09	
Design	420.09	380.8	380.8	420.09	
Check	420.09	380.6	380.6	420.09	

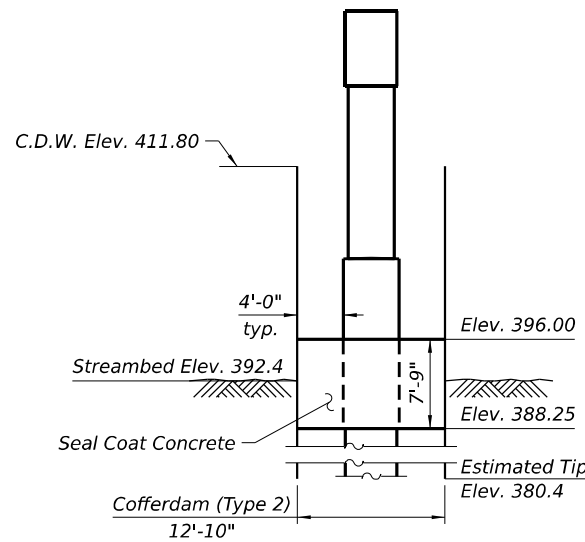
WATERWAY INFORMATION

Drainage Area = 46 Sq. mi.		Exist. Overtopping Elev. - 417.95 @ Sta. 325+62.12-348+44.65 Prop. Overtopping Elev. - 417.95 @ Sta. 325+62.12-348+44.65							
Flood Event	Freq. Yr.	Discharge Q C.F.S.	Waterway Opening Ft ²		Nat. H.W.E.	Head - Ft.		Headwater Elev.	
10 Year	10	3,310	Exist.	Prop.	Exist.	Exist.	Prop.	Exist.	Prop.
Design	50	5,035	3046	3068	408.93	0.0	0.0	408.93	408.93
Base	100	5,773	3157	3180	409.27	0.0	0.0	409.27	409.27
Scour Check	200	6,480	3279	3305	409.57	0.0	0.0	409.57	409.57
Max. Calc.	500	7,661	3451	3479	410.05	0.0	0.0	410.05	410.05

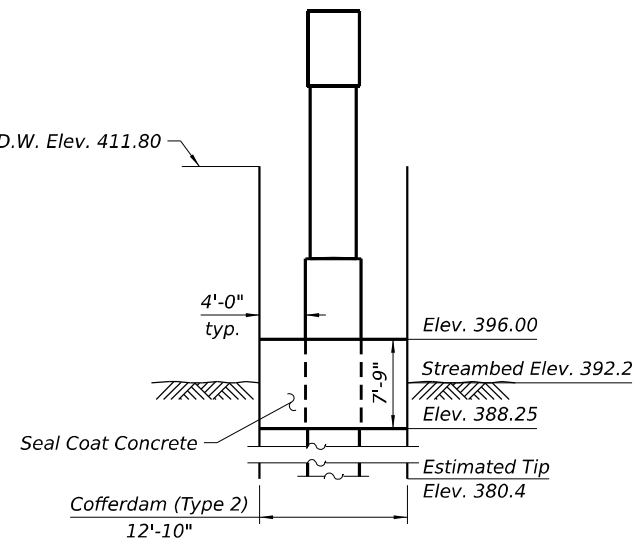
10 Year velocity through existing bridge = 1.2 ft/s
10 Year velocity through proposed bridge = 1.2 ft/s



RIPRAP LAYOUT

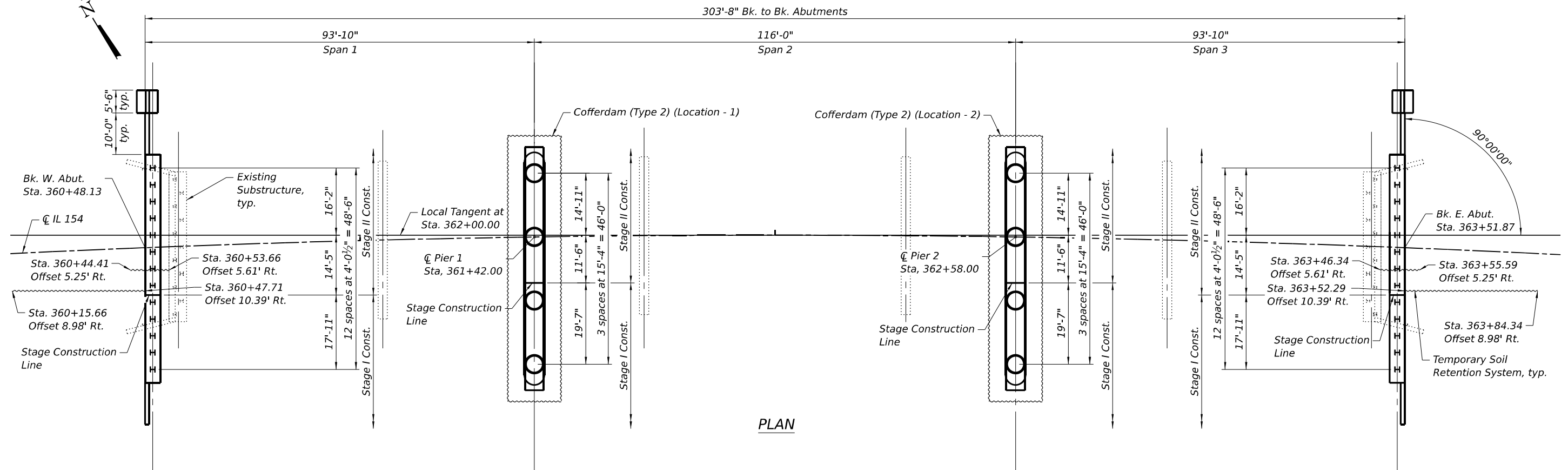


COFFERDAM DETAIL AT PIER 1



COFFERDAM DETAIL AT PIER 2

Notes:
The stage construction line at the new piers does not match that of the new deck and abutments. See the Pier 1 and Pier 2 sheets for details.
Stations are measured along CL IL 154 .
Offsets are measured from CL IL 154 .
For Section A-A see Sheet 2 of 41.



PLAN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE LAYOUT
STRUCTURE NO. 028-0095

SHEET 3 OF 41 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
845	112(RS-4,BLP-1); 112B-4	FRANKLIN	406	200
CONTRACT NO. 78786				
ILLINOIS FED. AID PROJECT				