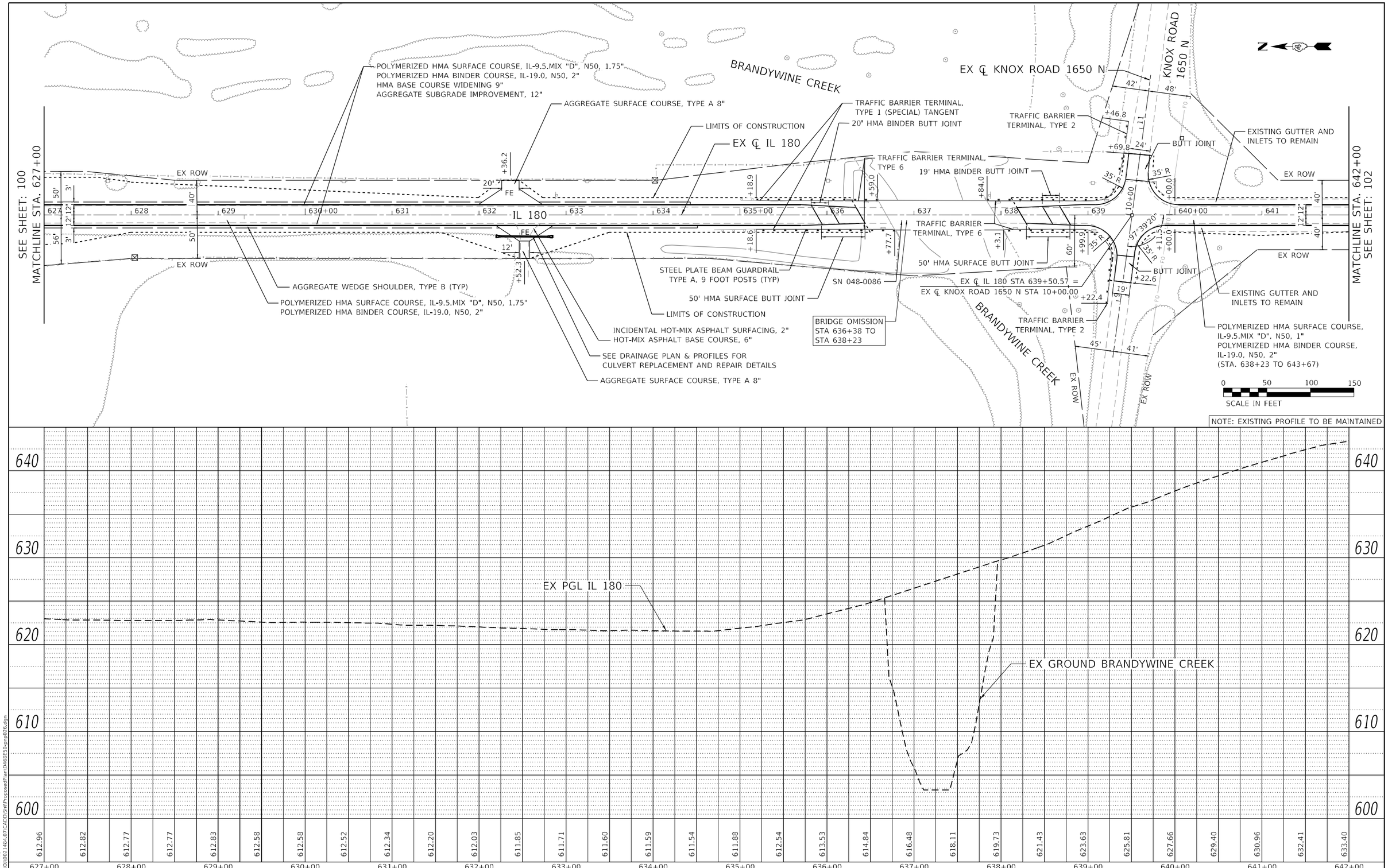

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R/W CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / BRIDGE NOTE CHKD / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

DATE PLOTTED = 12/18/2024 10:48:32 AM
PEN TABLE = 002148A07.tbl
PLOT DRIVER = CCH-PDF.pltcfg
MODEL SWORD NAME = ...
FILE NAME: N:\PROJ\002148A07\CADD\Shit\ProposedPlan\D468E50-prp026.dgn

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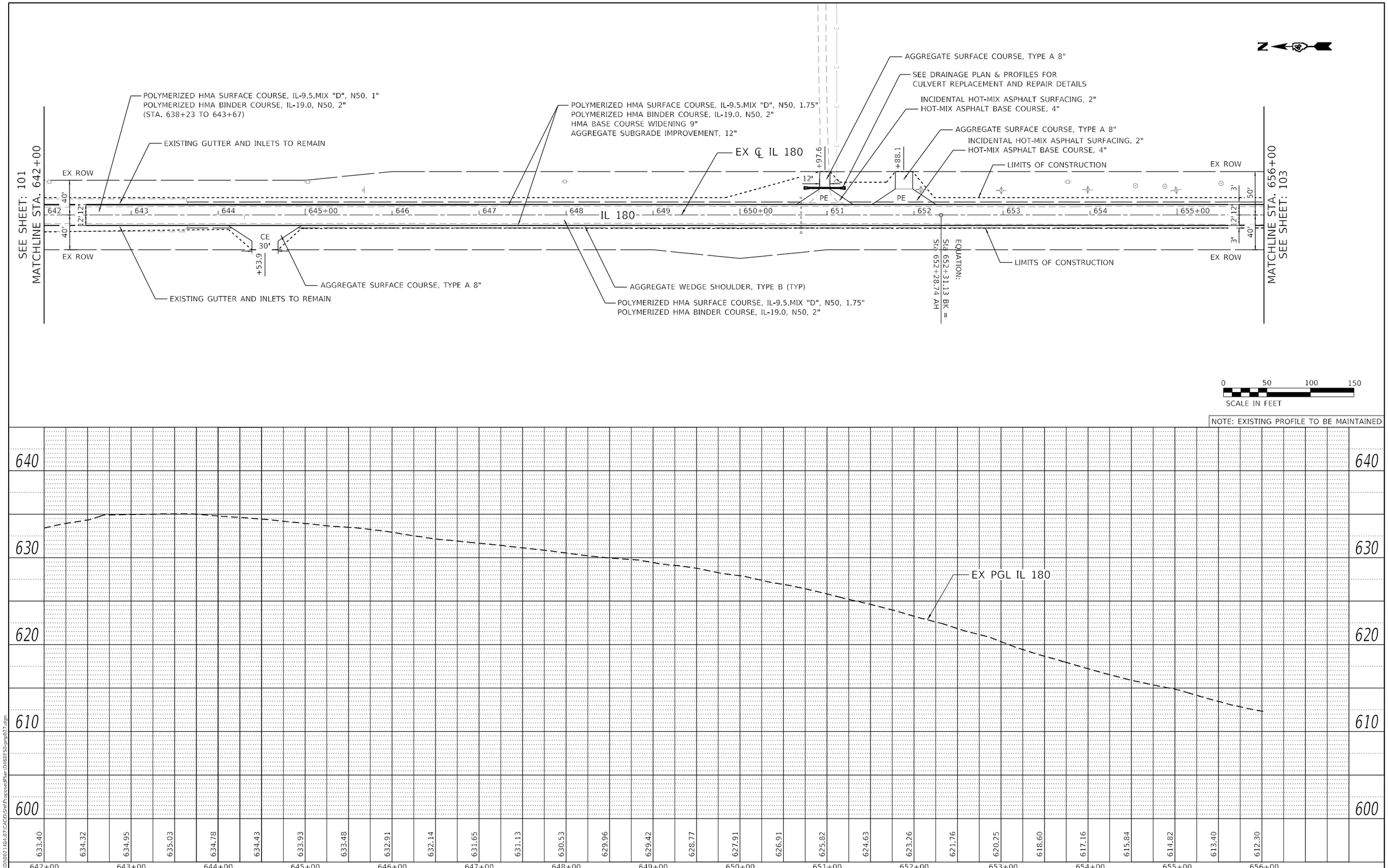
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 12/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
PROPOSED PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 26 OF 39 SHEETS | STA. 627+00 TO STA. 642+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	101
*	110RS-5;(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	



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

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

DATE PLOTTED = 12/18/2024 10:48:34 AM
PEN TABLE = 002148A07.tbl
PLOT STYLES = CCBH01F.pltcfg
MODEL SPACE
MODEL NAME =
FILE NAME: N:\PROJ\002148A07\CADD\Shit\ProposedPlan\D468E50-prp027.dgn

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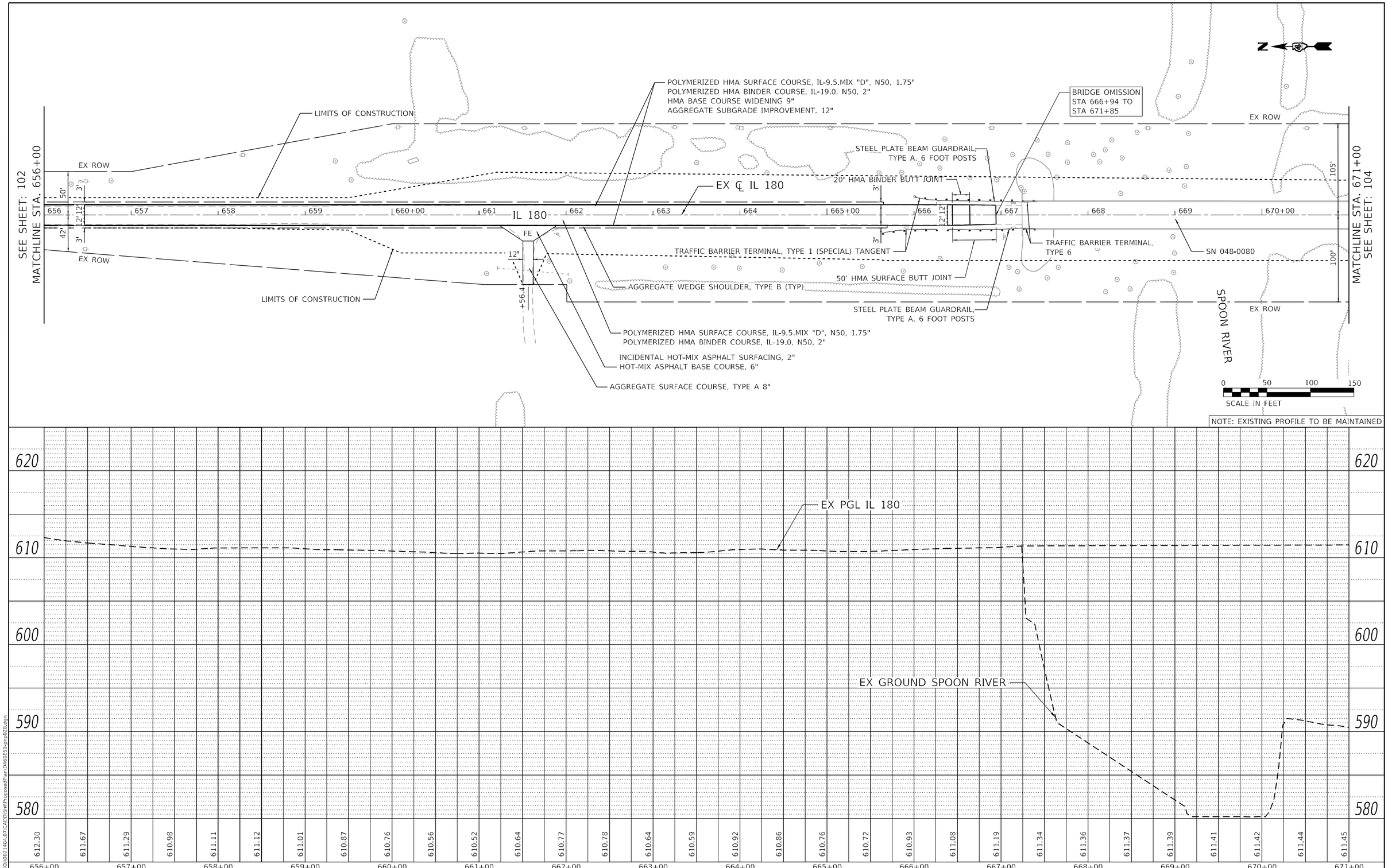
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 12/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
PROPOSED PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 27 OF 39 SHEETS | STA. 642+00 TO STA. 656+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	102
*	110RS-5;(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R/W CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

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

DATE PLOTTED = 12/18/2024 10:48:35 AM
PEN TABLE = 002148A07.tbl
PLOT STYLES = CCEM-Color.pltcfg
MODEL SPACE
MODEL NAME =
FILE NAME: N:\PROJ\002148\07\CADD\Shit\ProposedPlan\D468E50-prp028.dgn

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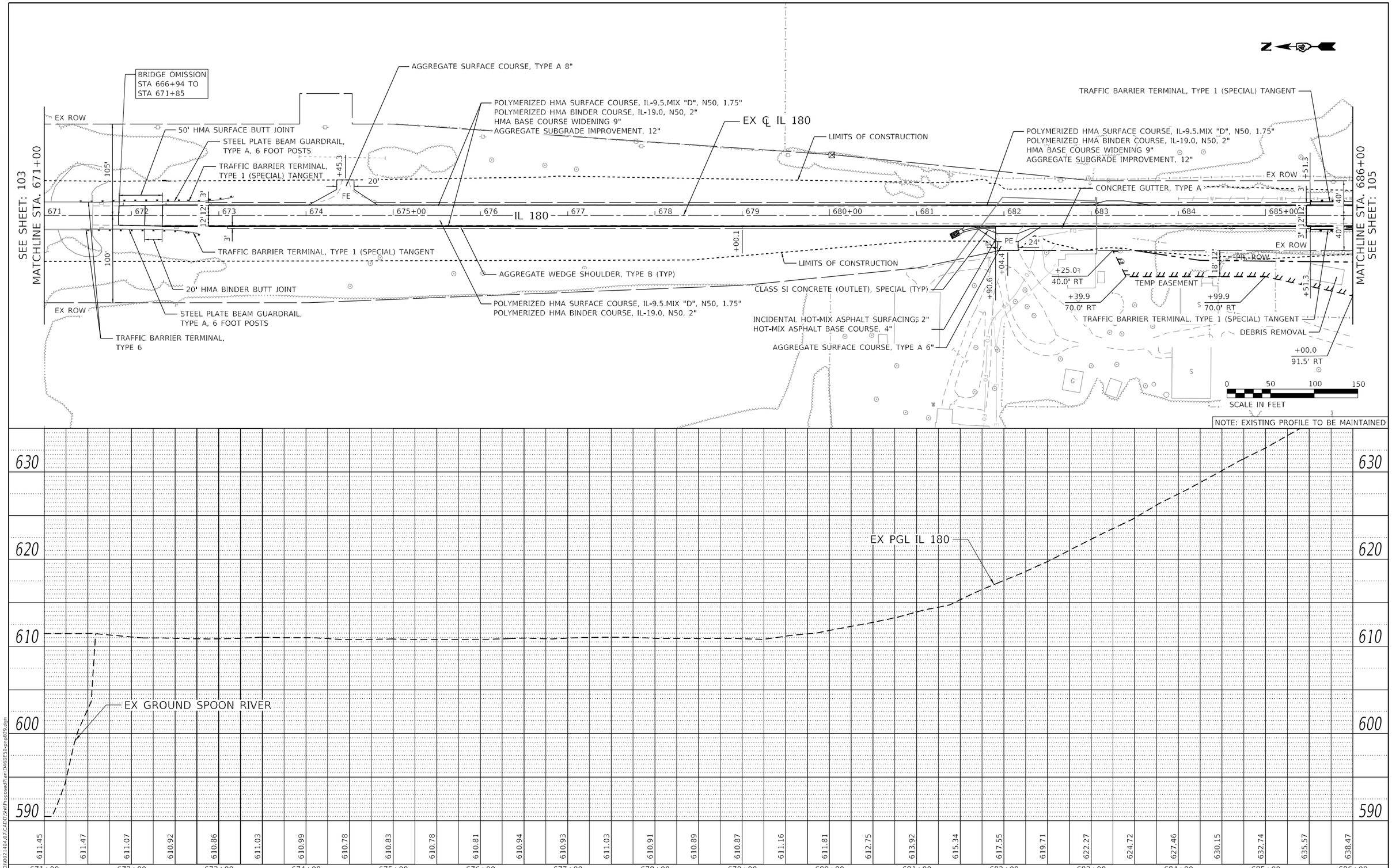
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 12/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
PROPOSED PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 28 OF 39 SHEETS | STA. 656+00 TO STA. 671+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	103
*	110RS-5;(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME / NOTE BOOK NO. / DATE / BY

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

DATE PLOTTED = 12/18/2024 10:48:36 AM
PEN TABLE = 002148A07.tbl
PLOT DRIVER = CCH-PDF.pltcfg
MODEL SPACE
FILE NAME: N:\PROJ\002148A07\CADD\Shit\ProposedPlan\D468E50-pmp029.dgn

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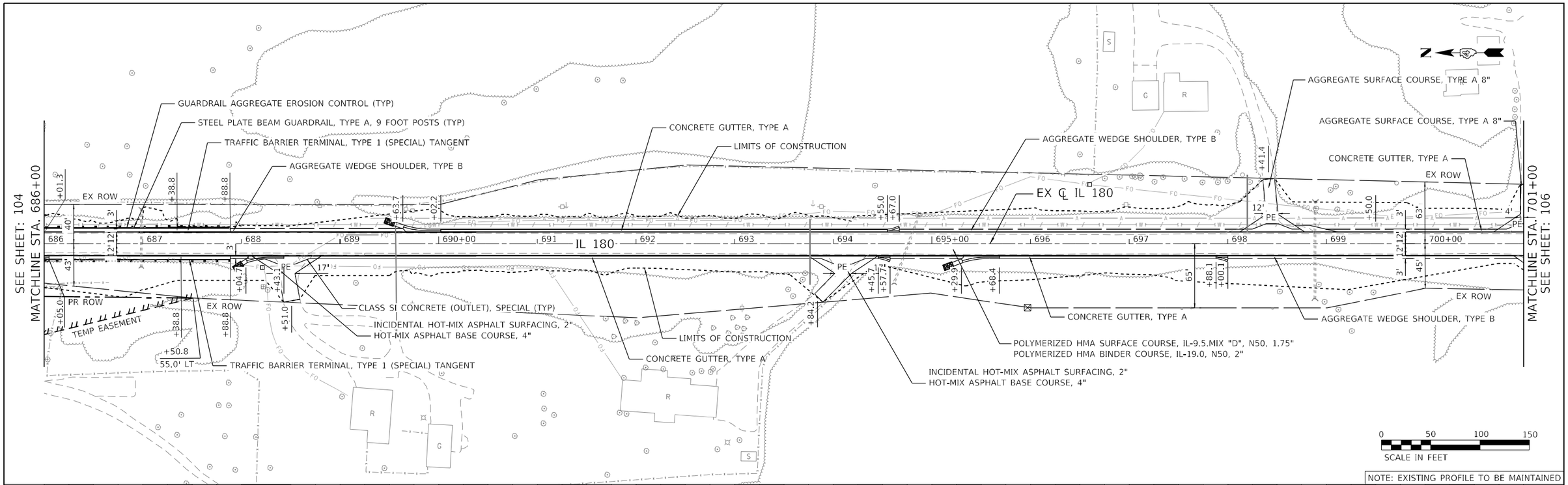
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 12/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
PROPOSED PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 29 OF 39 SHEETS | STA. 671+00 TO STA. 686+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195		KNOX	409	104
+	110RS-5;(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R/W CHECKED / CADD FILE NAME / NOTE BOOK NO. / DATE / BY

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / BRIDGE NOTES CHKD / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / DATE / BY

DATE PLOTTED = 12/18/2024 10:48:38 AM
PEN TABLE = 002148A07.tbl
PLOT STYLES = CCHIOR.pltcfg
MODEL SPACE
MODEL NAME =
FILE NAME: N:\PROJ\002148A07\CADD\Shit\ProposedPlan\D468E50-pmp030.dgn

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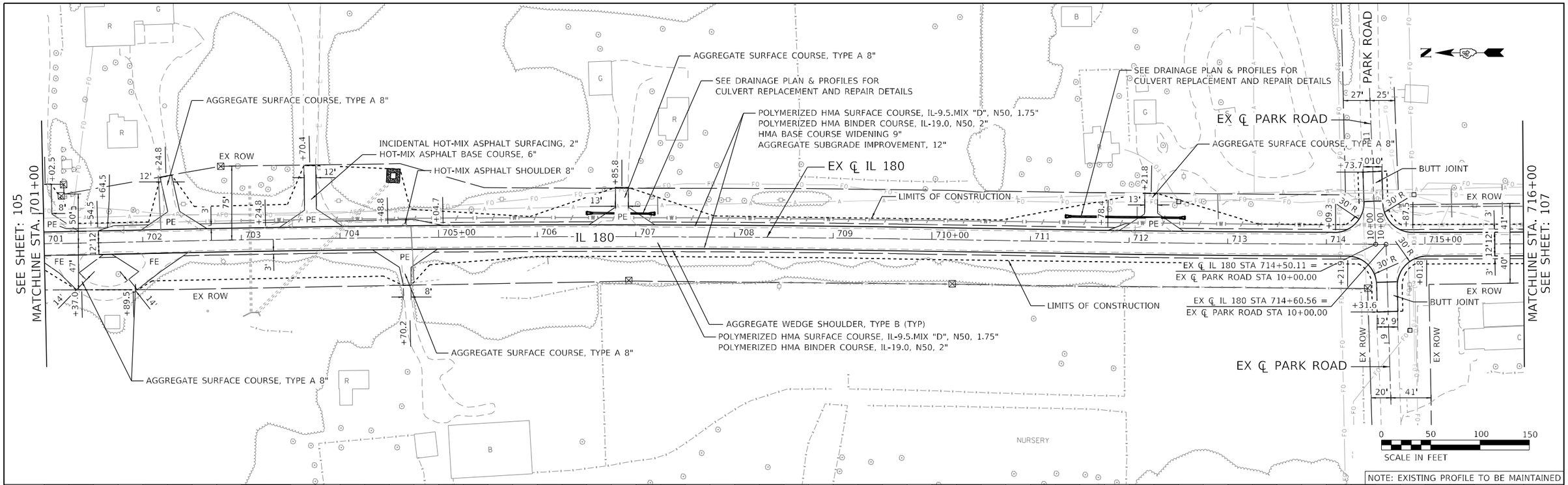
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 12/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
PROPOSED PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 30 OF 39 SHEETS | STA. 686+00 TO STA. 701+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	105
*	110RS-5;(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

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

DATE PLOTTED = 12/18/2024 10:48:39 AM
PEN TABLE = 002148A07.tbl
PLOT STYLES = CCS-HDR.plctg
MODEL SPACE
FILE NAME: N:\PROJ\002148A07\CADD\Shit\ProposedPlan\D468E50-pmp031.dgn

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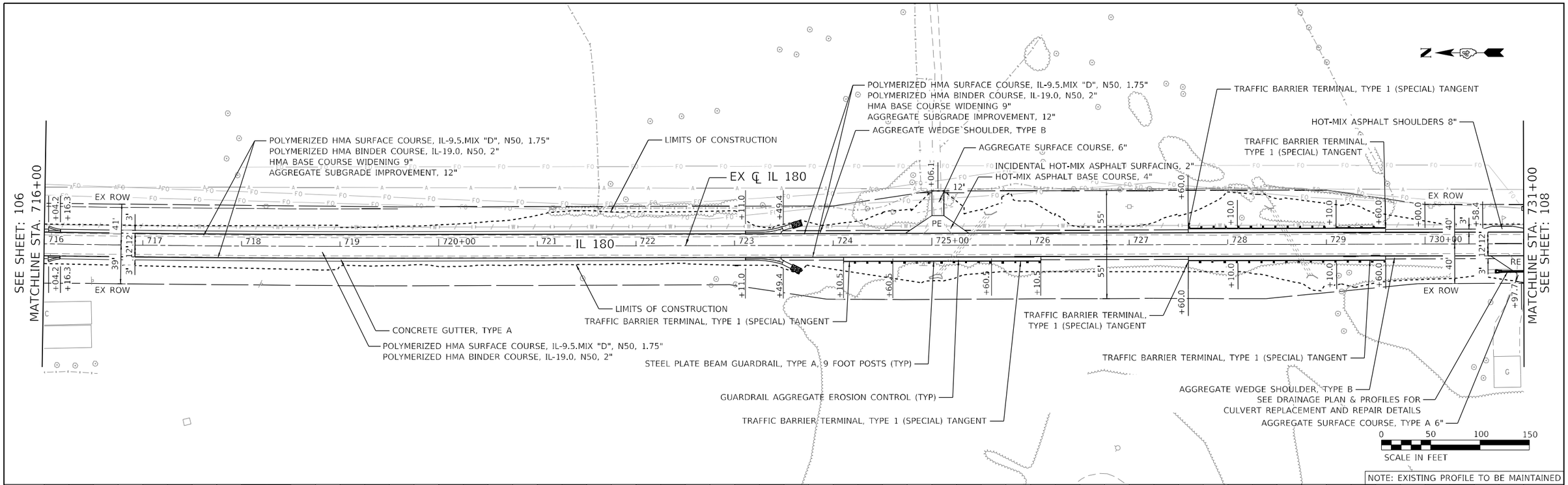
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 12/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
PROPOSED PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 31 OF 39 SHEETS | STA. 701+00 TO STA. 716+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	106
*	110RS-5;(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

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

DATE PLOTTED = 12/18/2024 10:48:40 AM
PEN TABLE = 002148A07.tbl
PLOT STYLES = CCHI-Color.pltcfg
MODEL SPACE
FILE NAME: N:\PROJ\002148A07\CADD\Shit\ProposedPlan\D468E50-prp032.dgn

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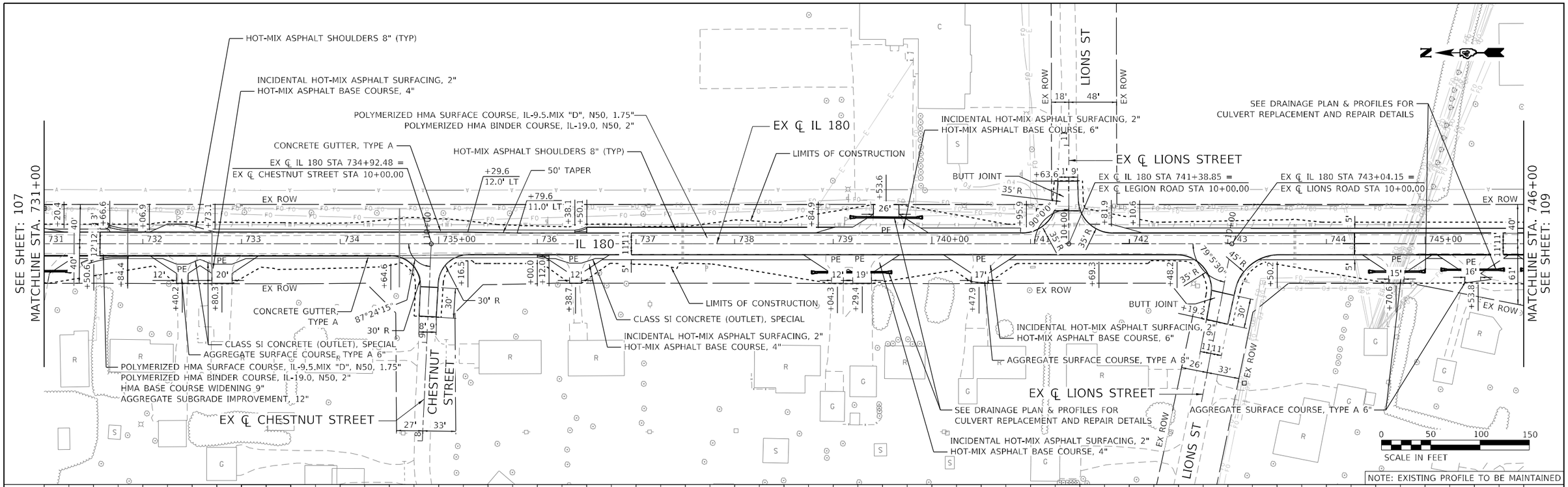
USER NAME = Roadway	DESIGNED - AEC	REVISED -
	DRAWN - AMS	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - NDF	REVISED -
PLOT DATE = 12/18/2024	DATE - 12/18/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
PROPOSED PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 32 OF 39 SHEETS | STA. 716+00 TO STA. 731+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	107
*	110RS-5;(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

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

DATE PLOTTED = 12/18/2024 10:48:42 AM
PEN TABLE = 002148A07.tbl
PLOT STYLES = CCBW.stb
MODEL SPACE = 7.0000 x 0.7500
FILE NAME: N:\PROJ\002148A07\CADD\Shit\ProposedPlan\D468E50-pmp03.dgn

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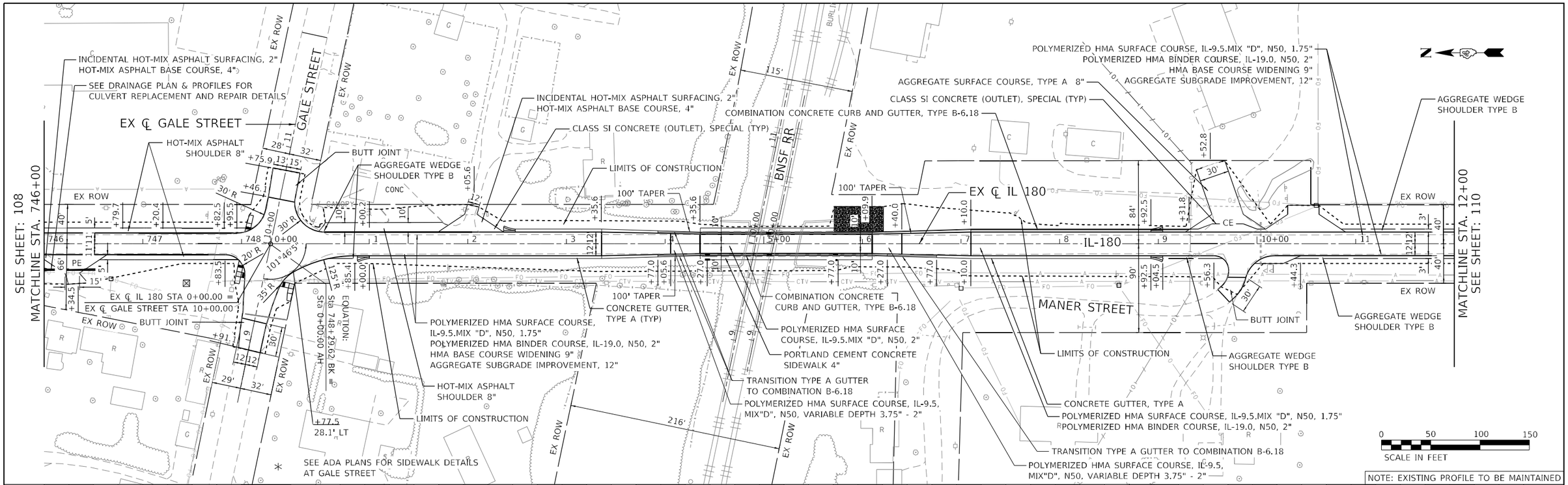
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 12/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
PROPOSED PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 33 OF 39 SHEETS | STA. 731+00 TO STA. 746+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	108
*	110RS-5;(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

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

DATE PLOTTED = 12/18/2024 10:48:43 AM
PEN TABLE = 002148A07.tbl
PLOT DRIVER = CS4-HDF.pltcfg
MODEL = MODEL NAME
FILE NAME: N:\PROJ\002148A07\CADD\Shit\ProposedPlan\D468E50-pmp034.dgn

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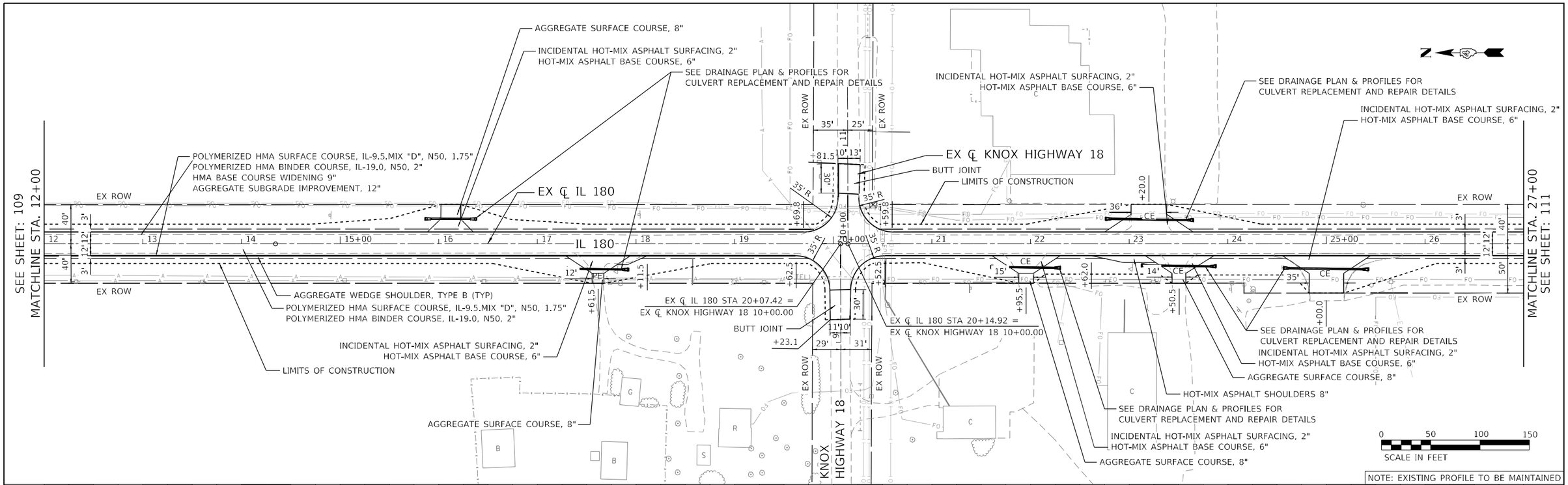
USER NAME = Roadway	DESIGNED - AEC	REVISED -
	DRAWN - AMS	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - NDF	REVISED -
PLOT DATE = 12/18/2024	DATE - 12/18/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
PROPOSED PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 34 OF 39 SHEETS | STA. 746+00 TO STA. 12+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	109
*	110RS-5;(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R/W CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / PROFILE CHECKED / BLDG. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

DATE PLOTTED = 12/18/2024 10:48:45 AM
PEN TABLE = 002148A07.tbl
PLOT SCALE = 20.0000 ' / in.
MODEL = PROFILE
FILE NAME: N:\PROJ\002148A07\CADD\Shit\ProposedPlan\D468E50-prp035.dgn

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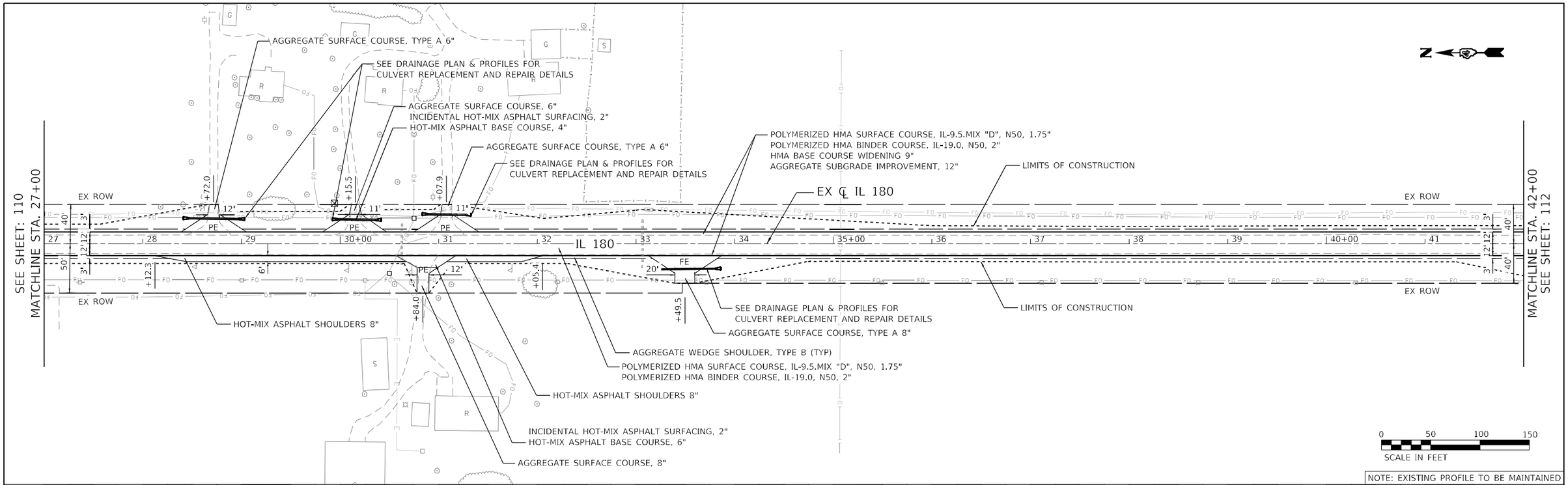
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 12/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
PROPOSED PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 35 OF 39 SHEETS | STA. 12+00 TO STA. 27+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	110
*	110RS-5;(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / BAR. NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK NO. — BY — DATE

DATE PLOTTED = 12/18/2024 10:48:46 AM
PEN TABLE = 002148A07.tbl
PLOT SCALE = 50.0000 ' / in.
MODEL SPACE
FILE NAME: N:\PROJ\002148A07\CADD\Shit\ProposedPlan\D468E50-prp036.dgn

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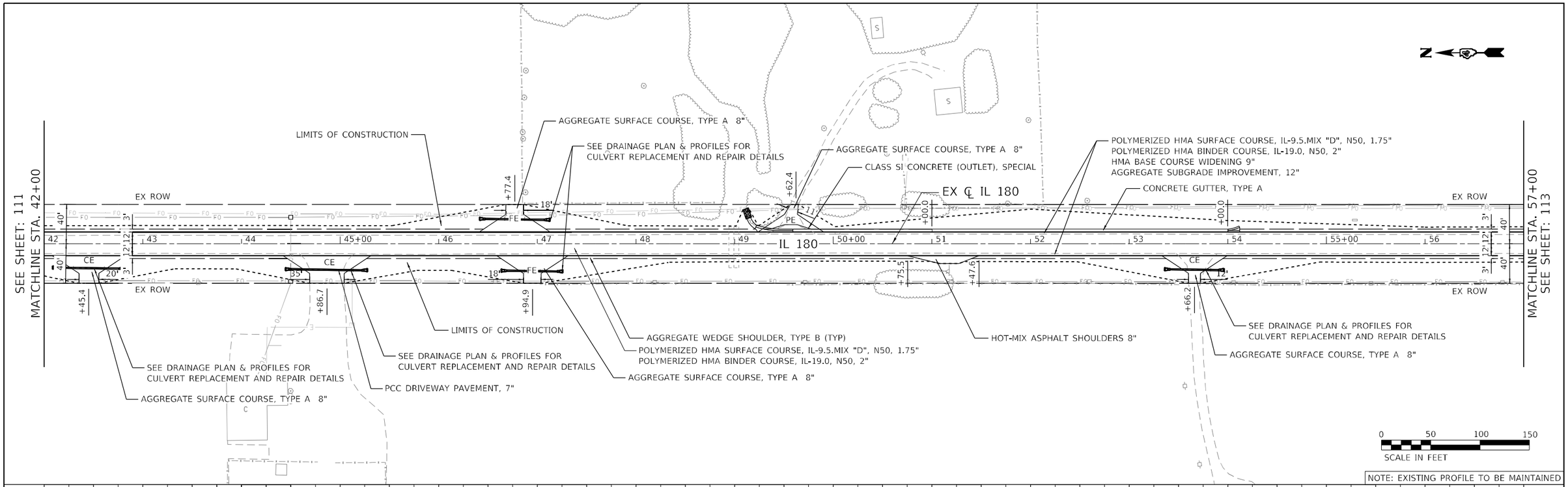
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 12/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
PROPOSED PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 36 OF 39 SHEETS | STA. 27+00 TO STA. 42+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	-	KNOX	409	111
+	110RS-5;(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R/W CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / PROFILE CHECKED / BLR. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

DATE PLOTTED = 12/18/2024 10:48:47 AM
PEN TABLE = 002148A07.tbl
PLOT STYLES = CCG-FOR.pltcfg
MODEL = MODEL NAME
FILE NAME: N:\PROJ\002148A07\CADD\Shit\ProposedPlan\D468E50-pmp037.dgn

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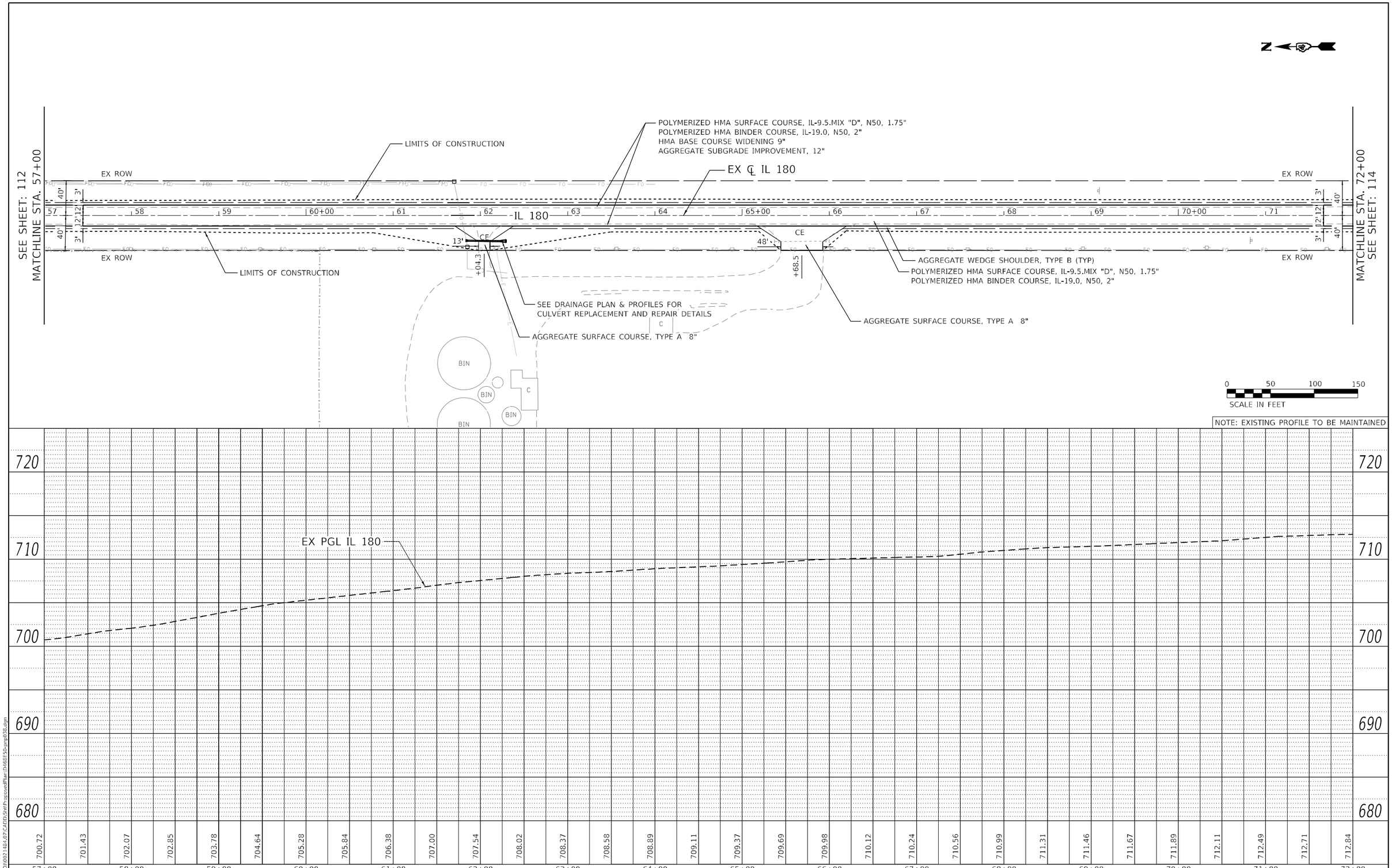
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 12/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
PROPOSED PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 37 OF 39 SHEETS | STA. 42+00 TO STA. 57+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	112
*	110RS-5;(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME / NOTE BOOK NO. / DATE / BY

PROFILE — SURVEYED / PLOTTED / PROFILE CHECKED / BAR. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / DATE / BY

DATE PLOTTED = 12/18/2024 10:48:19 AM
PEN TABLE = 002148A07.tbl
PLOT STYLES = CCS-HDR.pltcfg
MODEL SPACE
FILE NAME: N:\PROJ\002148A07\CADD\Shit\ProposedPlan\D468E50-prp038.dgn

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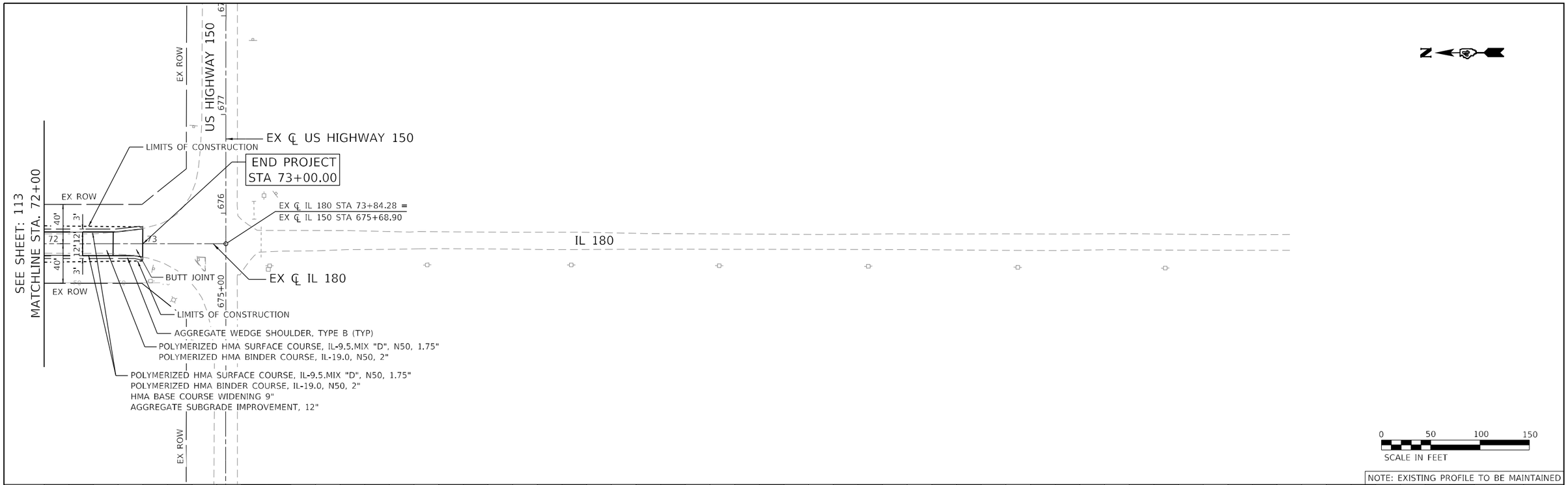
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 12/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

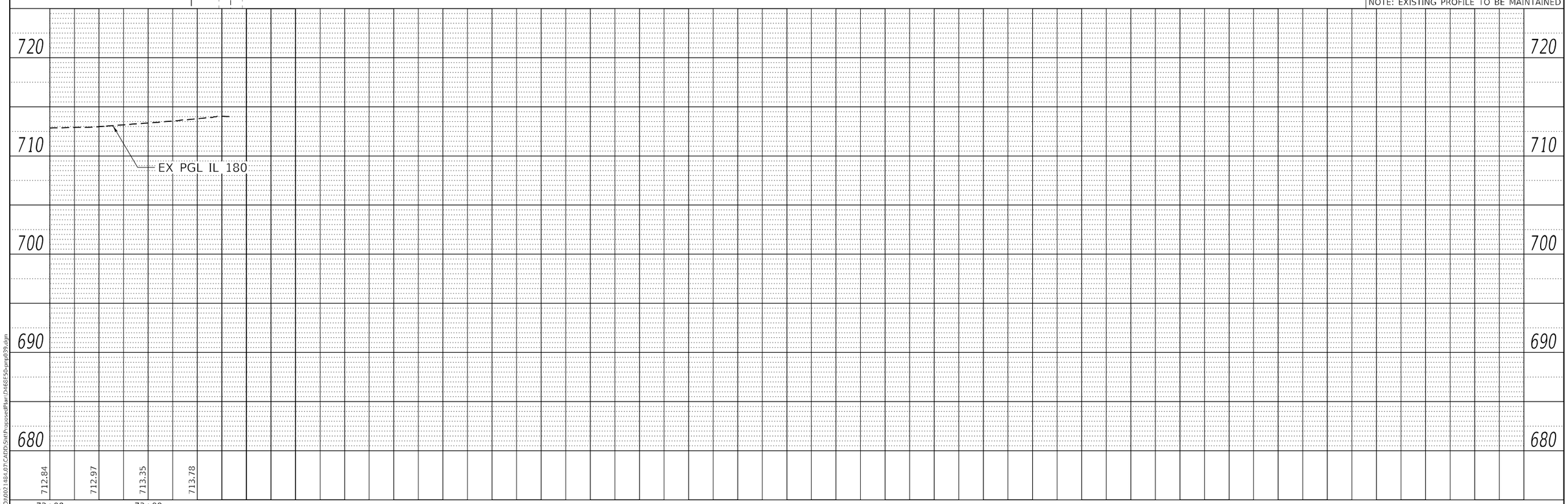
IL 180 WIDENING AND RESURFACING
PROPOSED PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 38 OF 39 SHEETS | STA. 57+00 TO STA. 72+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	113
*	110RS-5;(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
	ILLINOIS	FED. AID PROJECT		



NOTE: EXISTING PROFILE TO BE MAINTAINED



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SURVEYED
PLOTTED
ALIGNMENT CHECKED
R/W CHECKED
CADD FILE NAME
NOTE BOOK NO.
BY
DATE

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

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CiorbaGroup
8725 W. Higgins Rd, Ste 600, Chicago, IL 60631
P 773.775.4009 | www.ciorba.com

USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 12/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
PROPOSED PLAN AND PROFILE

SCALE: 1" = 50' | SHEET 39 OF 39 SHEETS | STA. 72+00 TO STA. 73+00

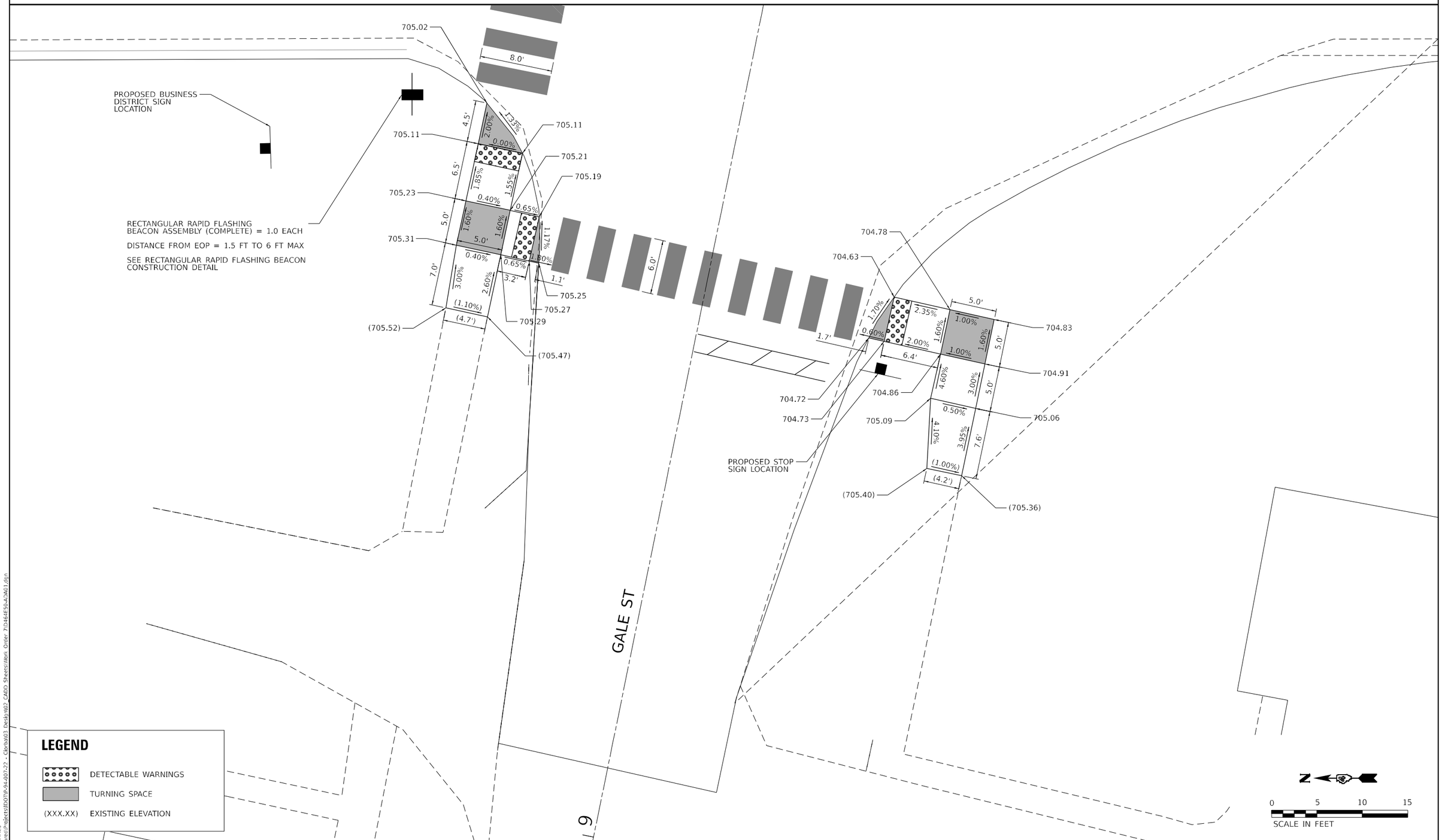
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	114
*	110RS-5;(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	

GALE ST. – NW

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMPS

GALE ST. – SW

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMPS



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OSEH inc. 415 S CAMPTON AVE. SUITE 301 WINSTON, IL 60587 WWW.OSEHINC.COM

USER NAME = AlexDefrancesco	DESIGNED - SSM	REVISED -	
	DRAWN - AP	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 12/18/2024	DATE - 12/18/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS

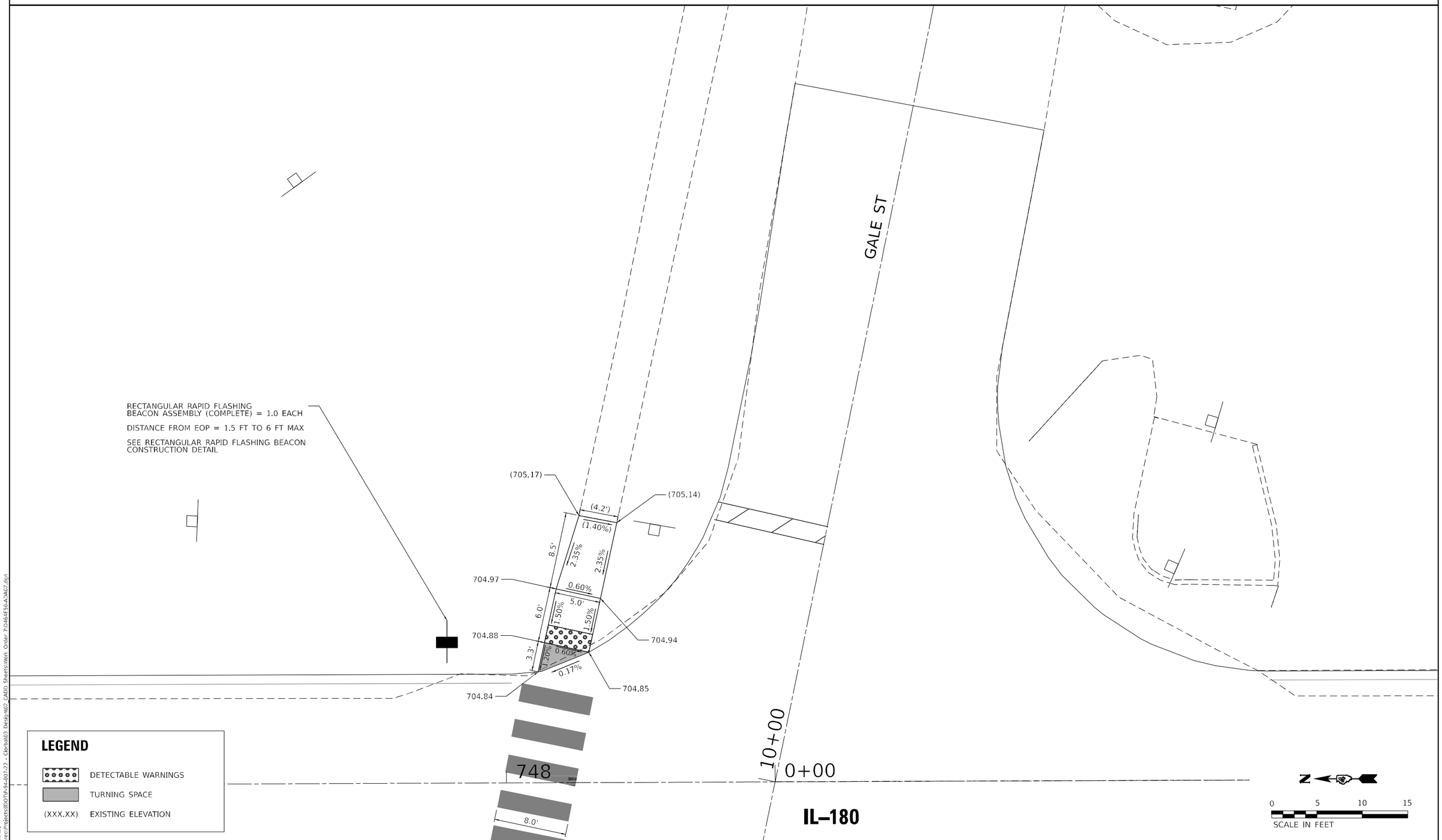
SCALE: 1" = 5' | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	110RS-5:(111,112,108X-1)W,RS-3	KNOX	409	115
		CONTRACT NO. 68E50		
	ILLINOIS	FED. AID PROJECT		

GALE ST. – NE

HIGHWAY STANDARD 424001 - PERPENDICULAR CURB RAMPS

GALE ST. – SE



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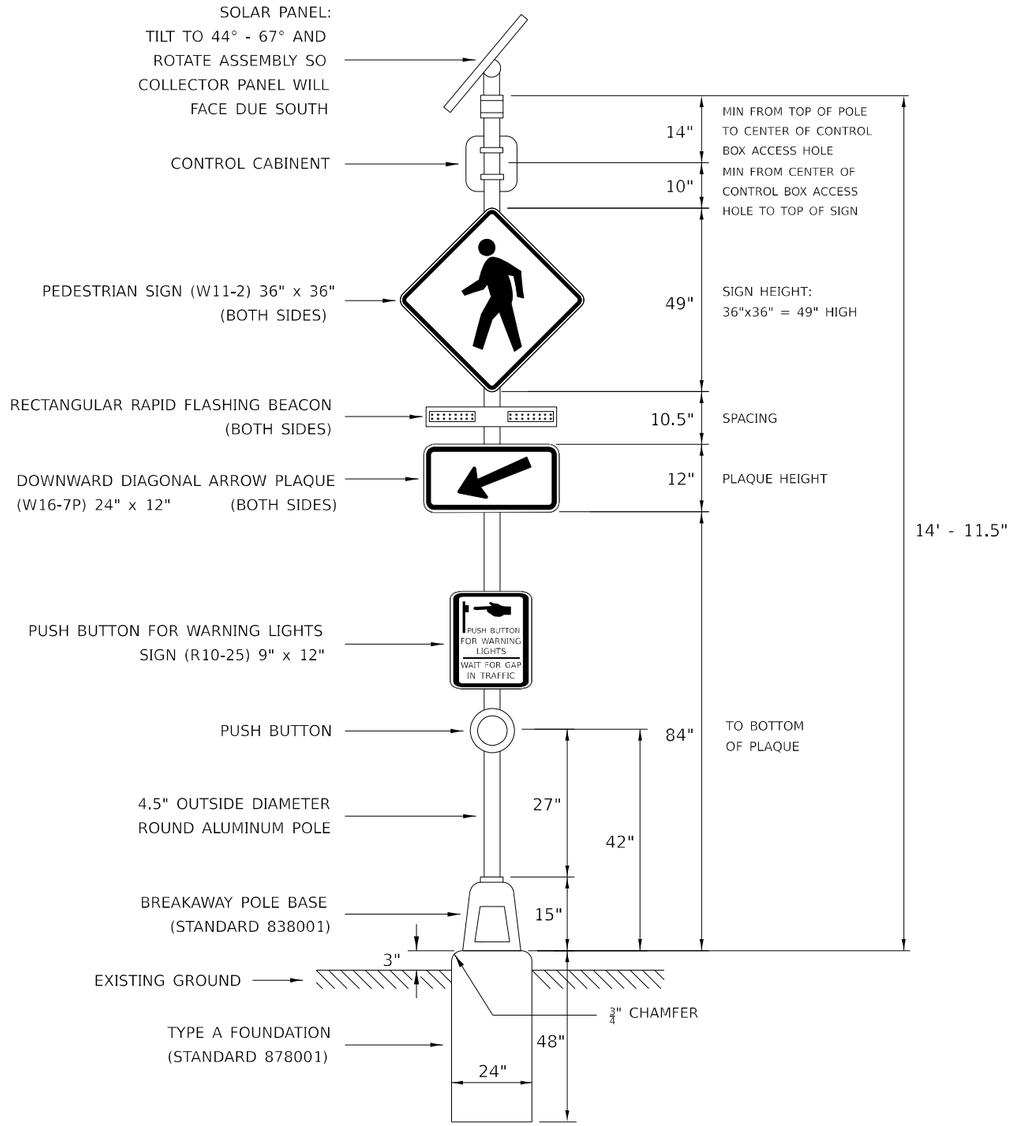
OSEH inc. 455 S CANTON AVE SUITE 201 WESTON, IL 60187 WWW.OSEHINC.COM	USER NAME = AlexDefrancesco	DESIGNED - SSM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA DETAILS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - AP	REVISED -			1195	110RS-5:(111,112,108X-1)W,RS-3	KNOX	409 / 116
	PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -					CONTRACT NO. 68E50	
	PLOT DATE = 12/18/2024	DATE - 12/18/2024	REVISED -		SCALE: 1" = 5' SHEET 2 OF 2 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	



TYPICAL RECTANGULAR RAPID FLASHING BEACON CONFIGURATION

NOTES

1. THE SCHEDULE OF QUANTITIES PER ASSEMBLY TABLE LISTS ITEMS REQUIRED FOR ONE COMPLETE ASSEMBLY.
2. SEE THE SPECIAL PROVISIONS FOR RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE) FOR FURTHER DETAILS.
3. PEDESTRIAN SIGNS, DOWNWARD DIAGONAL ARROW PLAQUES, AND RRFB SHALL BE INSTALLED FACING BOTH DIRECTIONS OF VEHICLE TRAFFIC ON EACH SIDE OF THE ROADWAY.
4. PREFERRED OFFSET FOR RRFB IS 1.5' TO 6' FROM EDGE OF SHOULDER, WITH A MAXIMUM OF 10 FEET.
5. MOUNT CROSSWALK SIGN AND PUSH BUTTON FOR EASIEST ACCESS BY PEDESTRIANS, BICYCLISTS, AND THE DISABLED: FOR MORE ADA GUIDELINES REFER TO www.access-board.gov/ada

SCHEDULE OF QUANTITIES PER ASSEMBLY

ITEM	UNIT	QUANTITY
SOLAR PANEL	EACH	1
CONTROL CABINET AND ELECTRICAL COMPONENTS	EACH	1
RRFB-XL	EACH	2
PEDESTRIAN PUSH BUTTON	EACH	1
4.5" DIAMETER ALUMINUM POLE AND BREAKAWAY BASE	EACH	1
P.C.C. FOUNDATION	EACH	1
PEDESTRIAN SIGN	EACH	2
DOWNWARD DIAGONAL ARROW PLAQUE	EACH	2
PUSH BUTTON FOR WARNING LIGHTS SIGN	EACH	1

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OSEH inc.
402 S CARLTON AVE
SUITE 200
WHEATON, IL 60187
WWW.OSEHINC.COM

USER NAME = AlexDefrancesco	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/18/2024	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RECTANGULAR RAPID FLASHING BEACON CONSTRUCTION DETAILS

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

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	110RS-5:(111,112,108X-1)W,RS-3	KNOX	409	117
		CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

1. STAGING WILL BE DONE SEQUENTIALLY AS SHOWN IN THE PLANS TO COMPLY WITH COMMITMENTS AND TO BE ABLE TO MAINTAIN TRAFFIC THROUGHOUT THE AREA.

2. A DROP OFF TO AN OPEN TRAFFIC LANE WILL NOT BE ALLOWED AT THE END OF EACH DAY. THE CONTRACTOR SHALL ELIMINATE DROP OFF WITH EITHER AGGREGATE OR PROPOSED HMA WIDENING AT THE END OF EACH DAY. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION PAY ITEM.

3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 7 CALENDAR DAYS IN ADVANCE OF TRAFFIC CONTROL SWITCH BETWEEN STAGES. THE CONTRACTOR SHALL ALSO CONFIRM THE PLANNED STAGE CHANGE WITH THE ENGINEER 24 HOURS PRIOR.

4. TYPE III BARRICADES WILL BE PROVIDED AT LOCATIONS SHOWN IN THE PLANS TO PROVIDE A PROPER CLOSURE, SPACING AND PLACEMENT AS SHOWN ON STANDARD 701901 OR AS APPROVED BY THE ENGINEER.

5. PRIOR TO REMOVING TRAFFIC CONTROL AND OPENING CLOSED PAVEMENT AREAS TO TRAFFIC, THE CONTRACTOR SHALL SWEEP THE PAVEMENT SURFACE CLEAN. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION PAY ITEMS.

6. PAVEMENT, CURB, SIDEWALK AND DRIVEWAYS TO BE REMOVED MUST BE COMPLETELY REMOVED FROM THE SITE BY THE END OF THE DAY. NO REMOVAL ITEMS MAY BE STORED ON SITE.

7. SIDEWALK CLOSURES SHALL BE ACCORDING TO STANDARD 701801.

8. ACCESS TO DRIVEWAYS, ENTRANCES, AND SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES PER THE TEMPORARY ACCESS SPECIAL PROVISION.

9. 9" PAVEMENT WIDENING WILL BE MILLED TO 7" FOR OVERLAY.

STA 366+52 CULVERT REPLACEMENT STAGING NOTES

PRE STAGE 1

IL 180 (STA. 362+24 TO STA 370+47)

CONSTRUCTION:

1. CONSTRUCT WESTBOUND TEMPORARY PAVEMENT IN LOCATIONS DESIGNATED BY THE ENGINEER.

MAINTENANCE OF TRAFFIC:

1. ALL EASTBOUND AND WESTBOUND TRAFFIC ALONG IL 180 WILL BE MAINTAINED IN THE EASTBOUND LANE USING TEMPORARY TRAFFIC SIGNALS, PER STANDARD 701316 AND 701321.
2. THE WEST LANE ALONG IL 180 WILL BE CLOSED

STAGE 1

IL 180 (STA. 362+24 TO STA 370+47)

CONSTRUCTION:

1. CONSTRUCT PROPOSED EASTBOUND TEMPORARY PAVEMENT, SHOULDER, AND DOWNSTREAM HALF OF CULVERT ACROSS IL 180.

MAINTENANCE OF TRAFFIC:

1. ALL EASTBOUND AND WESTBOUND TRAFFIC ALONG IL 180 WILL BE MAINTAINED IN THE WESTBOUND LANE USING TEMPORARY TRAFFIC SIGNALS, PER STANDARD 701321.
2. THE EAST LANE ALONG IL 180 WILL BE CLOSED

STAGE 2

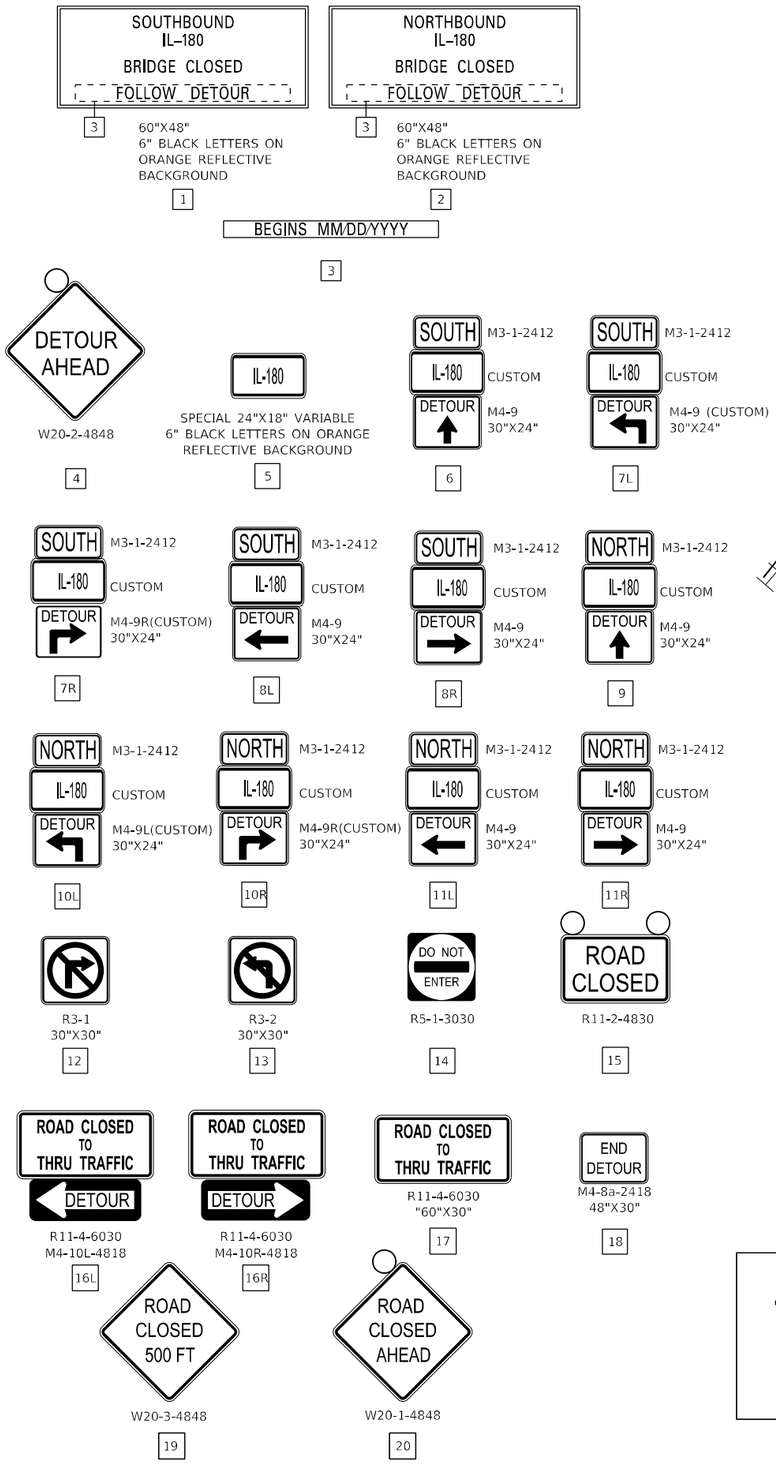
IL 180 (STA. 362+24 TO STA 370+47)

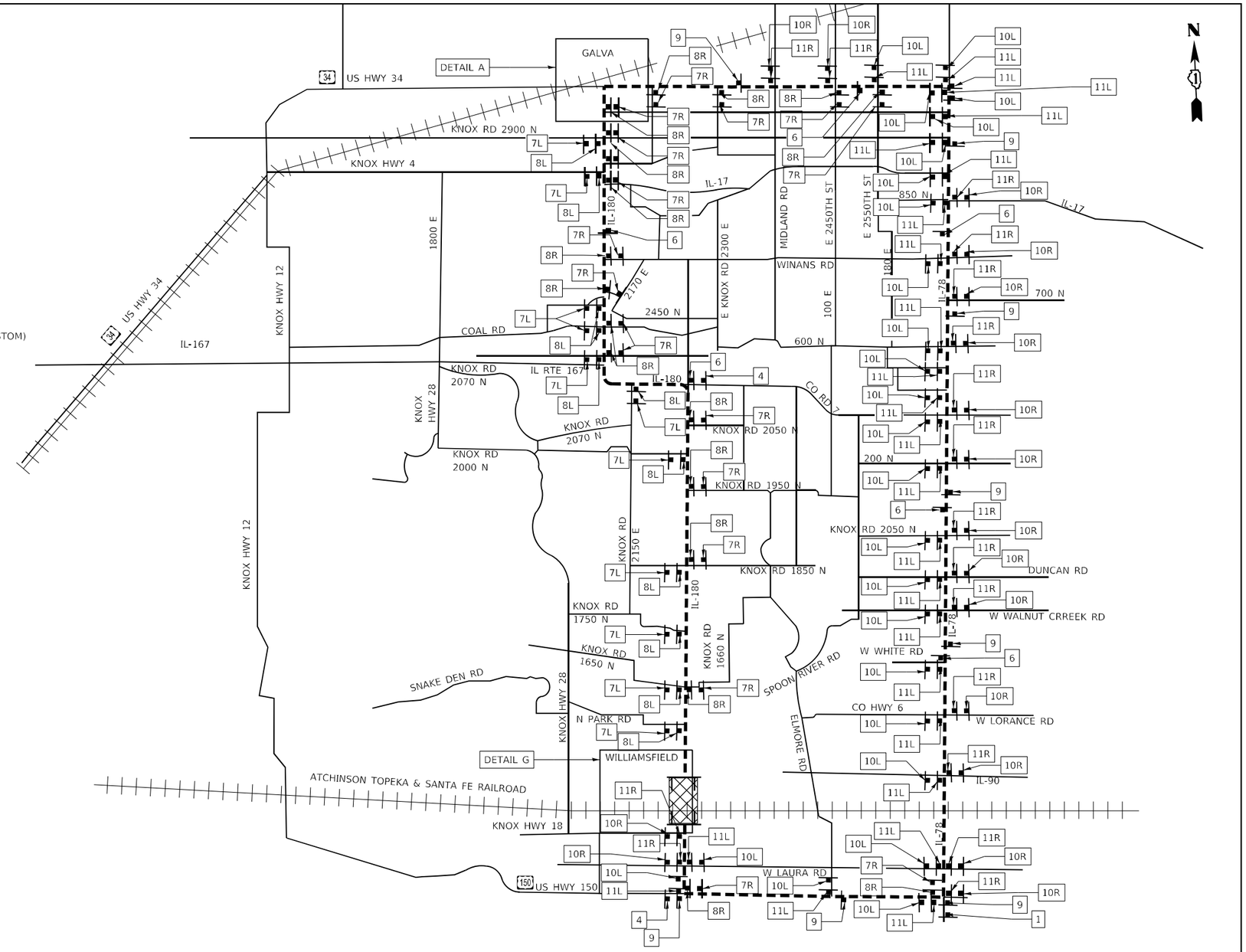
CONSTRUCTION:

1. CONSTRUCT PROPOSED WESTBOUND PAVEMENT, SHOULDER, AND UPSTREAM HALF OF CULVERT ACROSS IL 180.

MAINTENANCE OF TRAFFIC:

1. ALL EASTBOUND AND WESTBOUND TRAFFIC ALONG IL 180 WILL BE MAINTAINED IN THE EASTBOUND LANE USING TEMPORARY TRAFFIC SIGNALS, PER STANDARD 701321.
2. THE WEST LANE ALONG IL 180 WILL BE CLOSED





LEGEND:

- PROPOSED DETOUR ROUTE
- DETOUR SIGN POST-MOUNTED PER ARTICLE 701.14 AND HIGHWAY STANDARD 701901
- TYPE III BARRICADE WITH FLASHERS
- CHANGEABLE MESSAGE SIGN
- ROAD COMPLETELY CLOSED TO THRU TRAFFIC

1. SIGN 1 WITH SIGN 3 COVERING SHALL BE PLACED ONE (1) WEEK PRIOR TO CLOSURE. REMOVE SIGN 3 ONCE DETOUR BEGINS.
2. THE CONTRACTOR SHALL CALL J.U.L.I.E. BEFORE INSTALLING SIGNS.
3. ROAD CLOSURE SIGNAGE SHALL NOT BE INSTALLED ON ANY STREET LIGHT POLES OR SIGNAL POLES.
4. ROAD CLOSURE SIGNAGE SHALL NOT BLOCK ANY EXISTING SIGNS AND CANNOT USE THE EXISTING SIGN POSTS.
5. TYPE III BARRICADE PLACEMENT SHALL FOLLOW HIGHWAY STANDARD 701901.
6. SIGN SPACING SHALL FOLLOW THE IDOT TRAFFIC CONTROL FIELD MANUAL UNLESS NOTED ON PLAN OR AS DIRECTED BY THE ENGINEER.
7. PLAN NOT TO SCALE.

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CiorbaGroup
8725 W. Higgins Rd, Ste 600, Chicago, IL 60631
P 773.775.4009 | www.ciorba.com

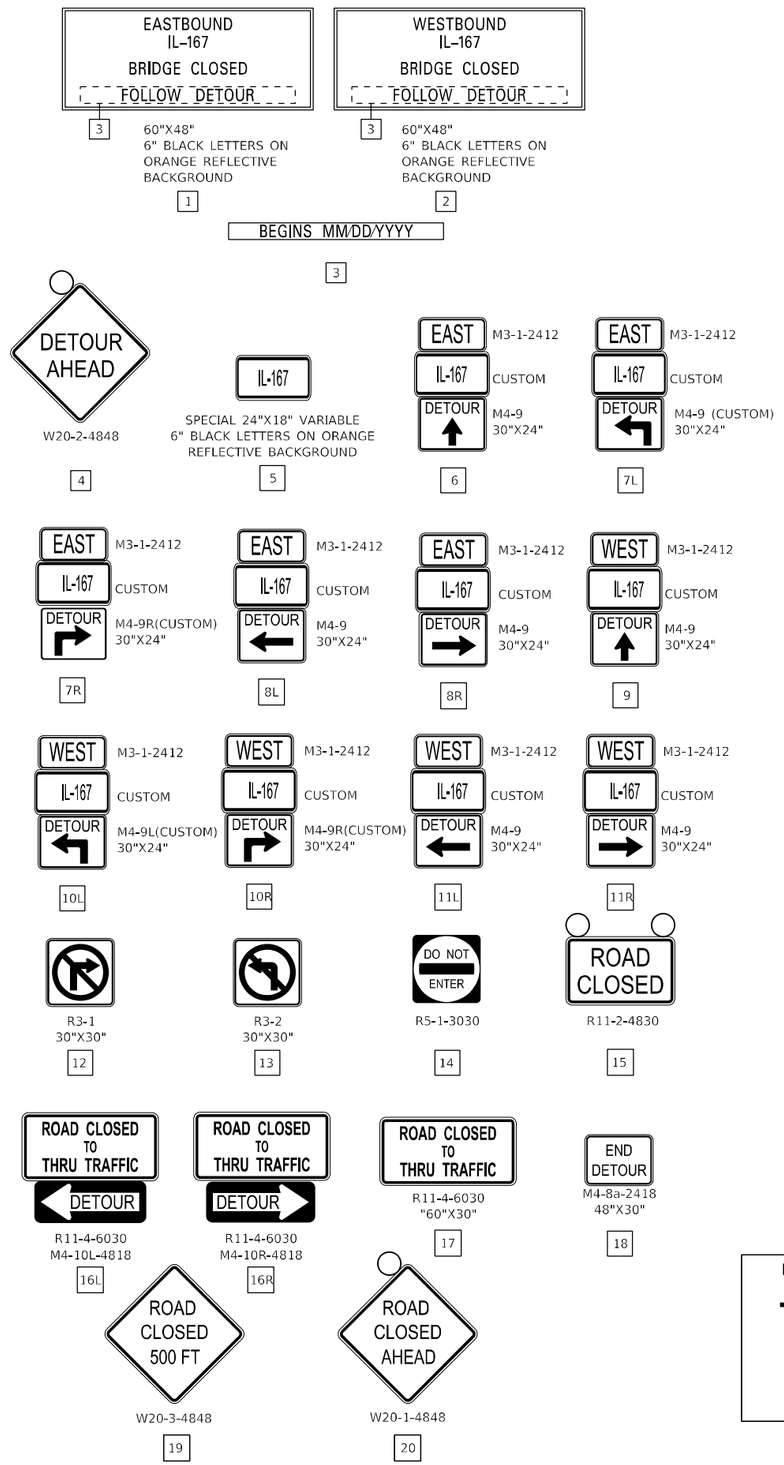
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 5/31/2024	REVISED -	

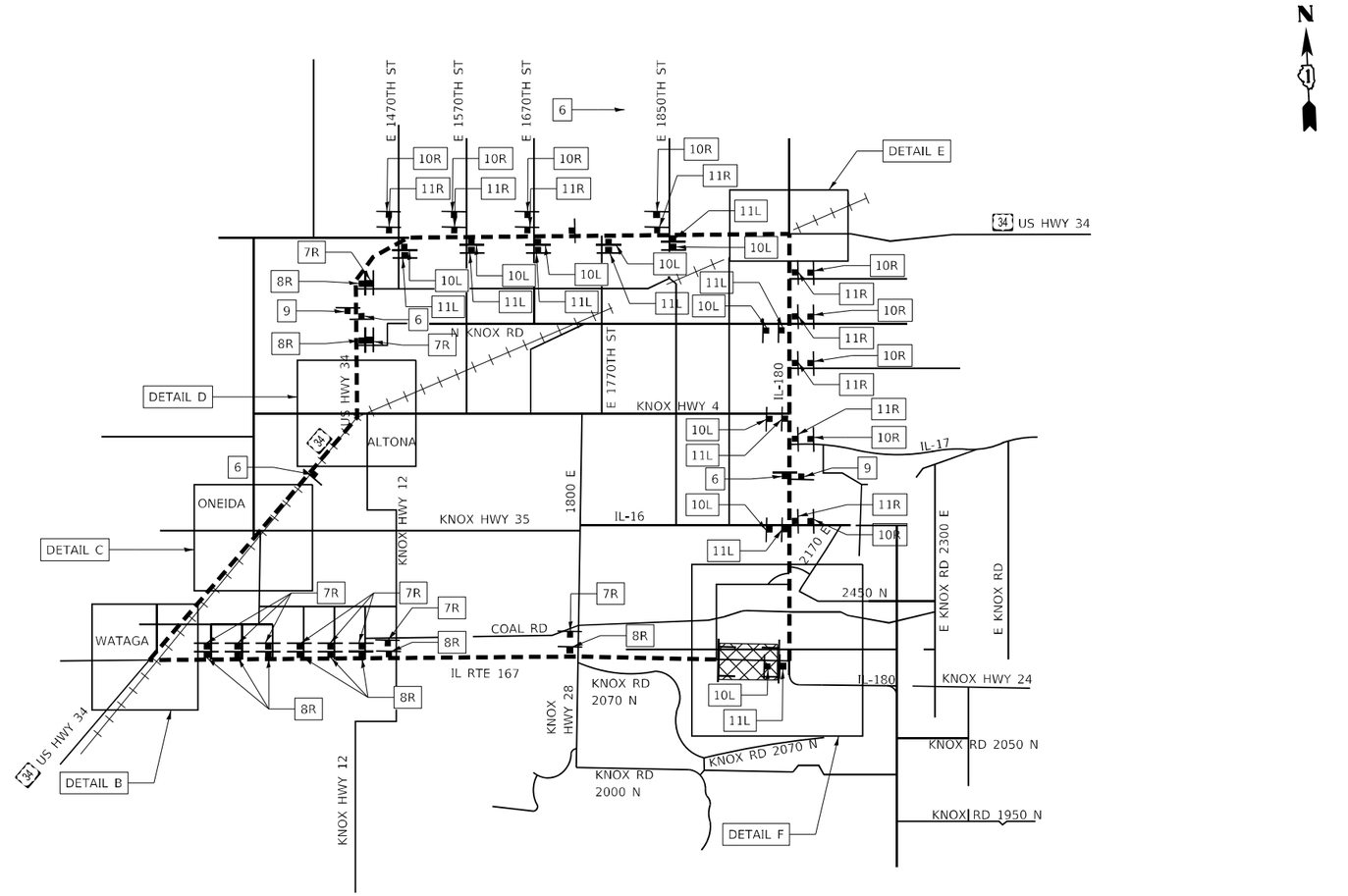
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
RAILROAD VIADUCT DETOUR PLAN

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	119
-	110RS-5:(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS FED. AID PROJECT		





LEGEND:

- PROPOSED DETOUR ROUTE
- DETOUR SIGN POST-MOUNTED PER ARTICLE 701.14 AND HIGHWAY STANDARD 701901
- TYPE III BARRICADE WITH FLASHERS
- CHANGEABLE MESSAGE SIGN
- ROAD COMPLETELY CLOSED TO THRU TRAFFIC

1. SIGN 1 WITH SIGN 3 COVERING SHALL BE PLACED ONE (1) WEEK PRIOR TO CLOSURE. REMOVE SIGN 3 ONCE DETOUR BEGINS.
2. THE CONTRACTOR SHALL CALL J.U.L.I.E. BEFORE INSTALLING SIGNS.
3. ROAD CLOSURE SIGNAGE SHALL NOT BE INSTALLED ON ANY STREET LIGHT POLES OR SIGNAL POLES.
4. ROAD CLOSURE SIGNAGE SHALL NOT BLOCK ANY EXISTING SIGNS AND CANNOT USE THE EXISTING SIGN POSTS.
5. TYPE III BARRICADE PLACEMENT SHALL FOLLOW HIGHWAY STANDARD 701901.
6. SIGN SPACING SHALL FOLLOW THE IDOT TRAFFIC CONTROL FIELD MANUAL UNLESS NOTED ON PLAN OR AS DIRECTED BY THE ENGINEER.
7. DETOURS NOT TO BE PREFORMED DURING HARVESTING OR PLANTING SEASON.
8. PLAN NOT TO SCALE.

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CiorbaGroup
8725 W. Higgins Rd, Ste 600, Chicago, IL 60631
P 773.775.4009 | www.ciorba.com

USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 5/31/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
IL-167 DETOUR PLAN

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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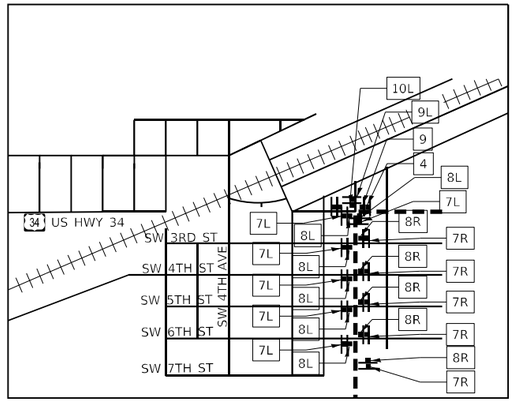
		ILLINOIS	FED. AID PROJECT	



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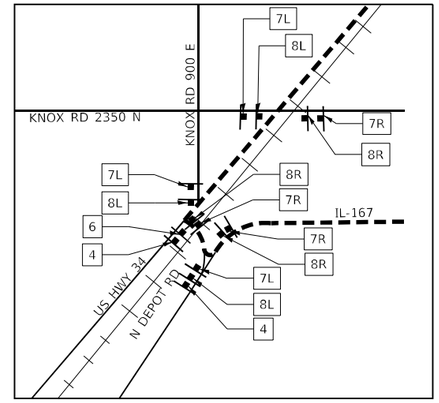

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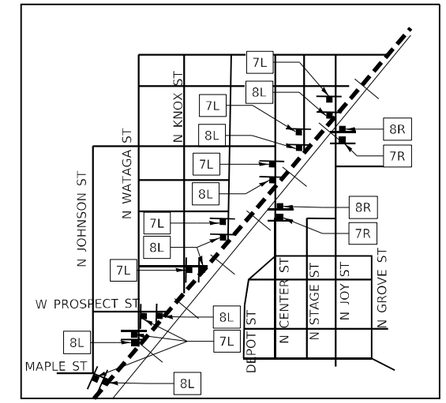

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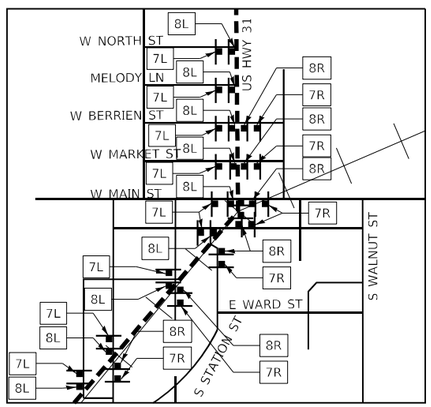

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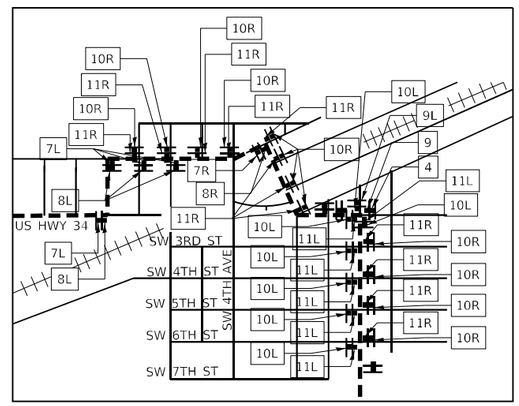

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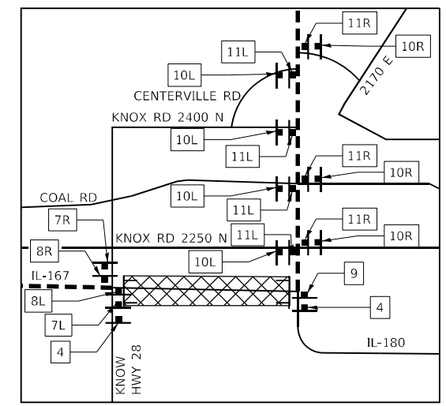

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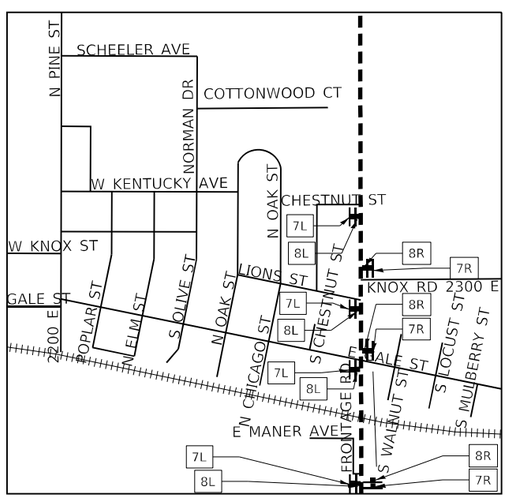

DETAIL G

LEGEND:

- PROPOSED DETOUR ROUTE
- DETOUR SIGN POST-MOUNTED PER ARTICLE 701.14 AND HIGHWAY STANDARD 701901
- TYPE III BARRICADE WITH FLASHERS
- CHANGEABLE MESSAGE SIGN
- ROAD COMPLETELY CLOSED TO THRU TRAFFIC

1. SIGN 1 WITH SIGN 3 COVERING SHALL BE PLACED ONE (1) WEEK PRIOR TO CLOSURE. REMOVE SIGN 3 ONCE DETOUR BEGINS.
2. THE CONTRACTOR SHALL CALL J.U.L.I.E. BEFORE INSTALLING SIGNS.
3. ROAD CLOSURE SIGNAGE SHALL NOT BE INSTALLED ON ANY STREET LIGHT POLES OR SIGNAL POLES.
4. ROAD CLOSURE SIGNAGE SHALL NOT BLOCK ANY EXISTING SIGNS AND CANNOT USE THE EXISTING SIGN POSTS.
5. TYPE III BARRICADE PLACEMENT SHALL FOLLOW HIGHWAY STANDARD 701901.
6. SIGN SPACING SHALL FOLLOW THE IDOT TRAFFIC CONTROL FIELD MANUAL UNLESS NOTED ON PLAN OR AS DIRECTED BY THE ENGINEER.
7. DETOURS NOT TO BE PREFORMED DURING HARVESTING OR PLANTING SEASON.
8. PLAN NOT TO SCALE.

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CiorbaGroup
8725 W. Higgins Rd, Ste 600, Chicago, IL 60631
P 773.775.4009 | www.ciorba.com

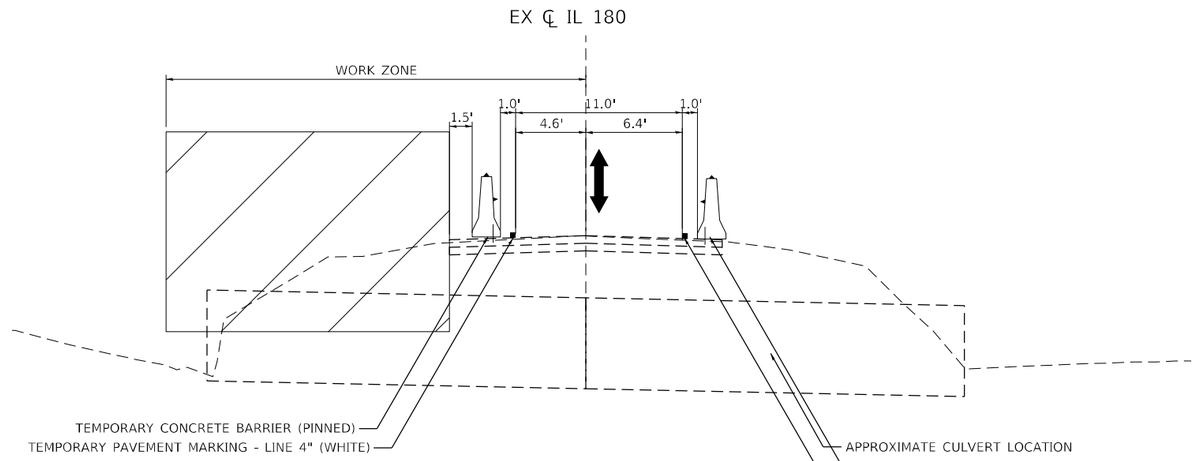
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 5/31/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
DETOUR PLAN – DETAILS

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

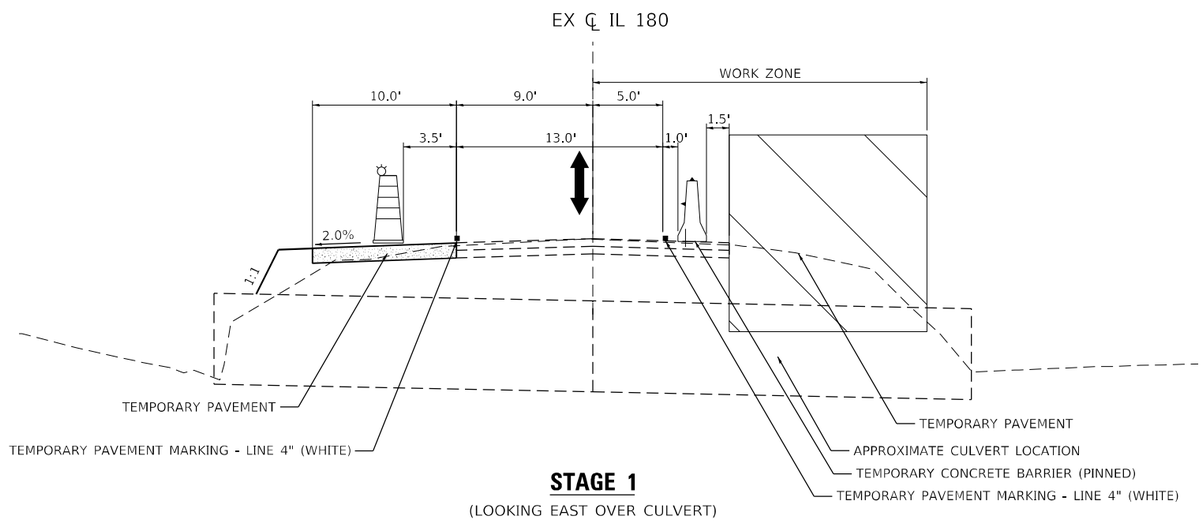
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	121
*	110RS-5;(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	



PRESTAGE 1

(LOOKING EAST OVER CULVERT)

* SEE MOT AND BRIDGE PLANS FOR STAGING STA 366+52



STAGE 1

(LOOKING EAST OVER CULVERT)

* SEE MOT AND BRIDGE PLANS FOR STAGING STA 366+52

LEGEND

TEMPORARY CONCRETE BARRIER WALL WITH DOUBLE SIDED CRYSTAL TYPE C MARKERS (PINNED WHEN SEPARATION IS LESS THAN 3.5')

DRUMS WITH FLASHING LIGHTS (25' SPACING ON TAPERS, 50' SPACING ON TANGENTS)

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CiorbaGroup
8725 W. Higgins Rd, Ste 600, Chicago, IL 60631
P 773.775.4009 | www.ciorba.com

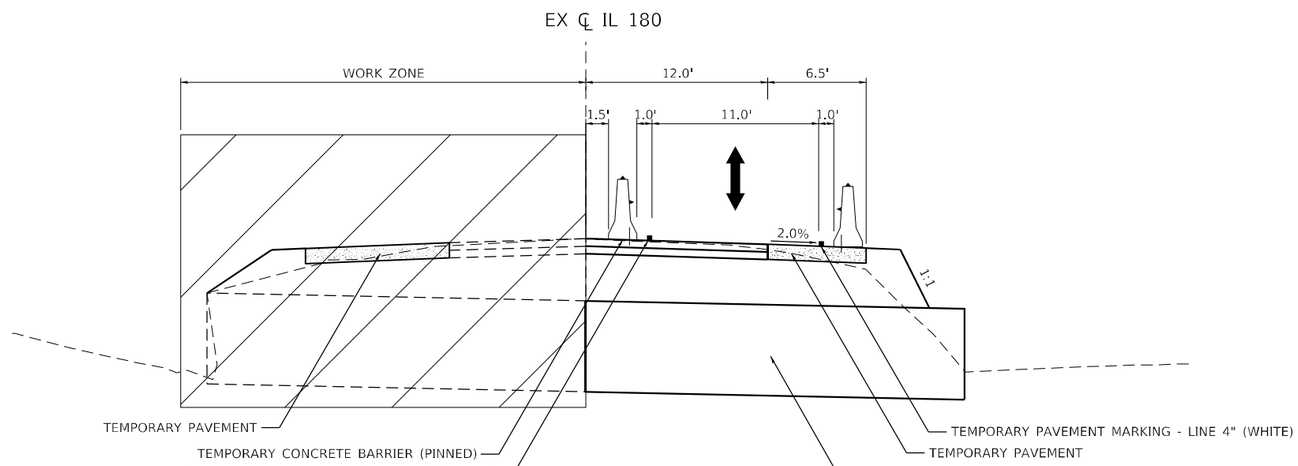
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 5/31/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
MAINTENANCE OF TRAFFIC – 366+52 CULVERT REPLACEMENT

SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

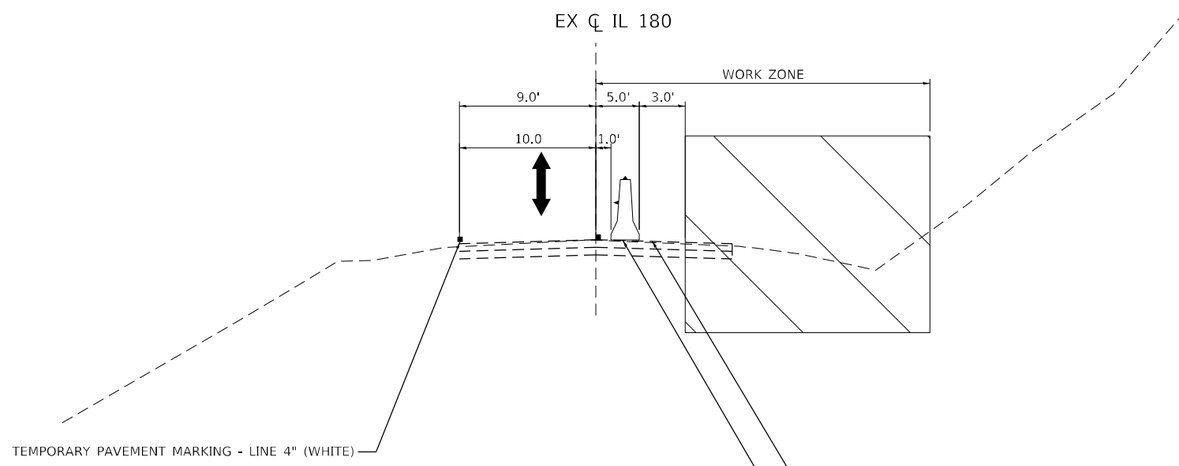
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	122
*	110RS-5:(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	



STAGE 2

(LOOKING EAST OVER CULVERT)

* SEE MOT AND BRIDGE PLANS FOR STAGING STA 366+52



STAGE 1

(LOOKING EAST OVER CULVERT)

* SEE MOT AND BRIDGE PLANS FOR STAGING STA 598+00

LEGEND

TEMPORARY CONCRETE BARRIER WALL WITH DOUBLE SIDED CRYSTAL TYPE C MARKERS (PINNED WHEN SEPARATION IS LESS THAN 3.5')

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CiorbaGroup
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P 773.775.4009 | www.ciorba.com

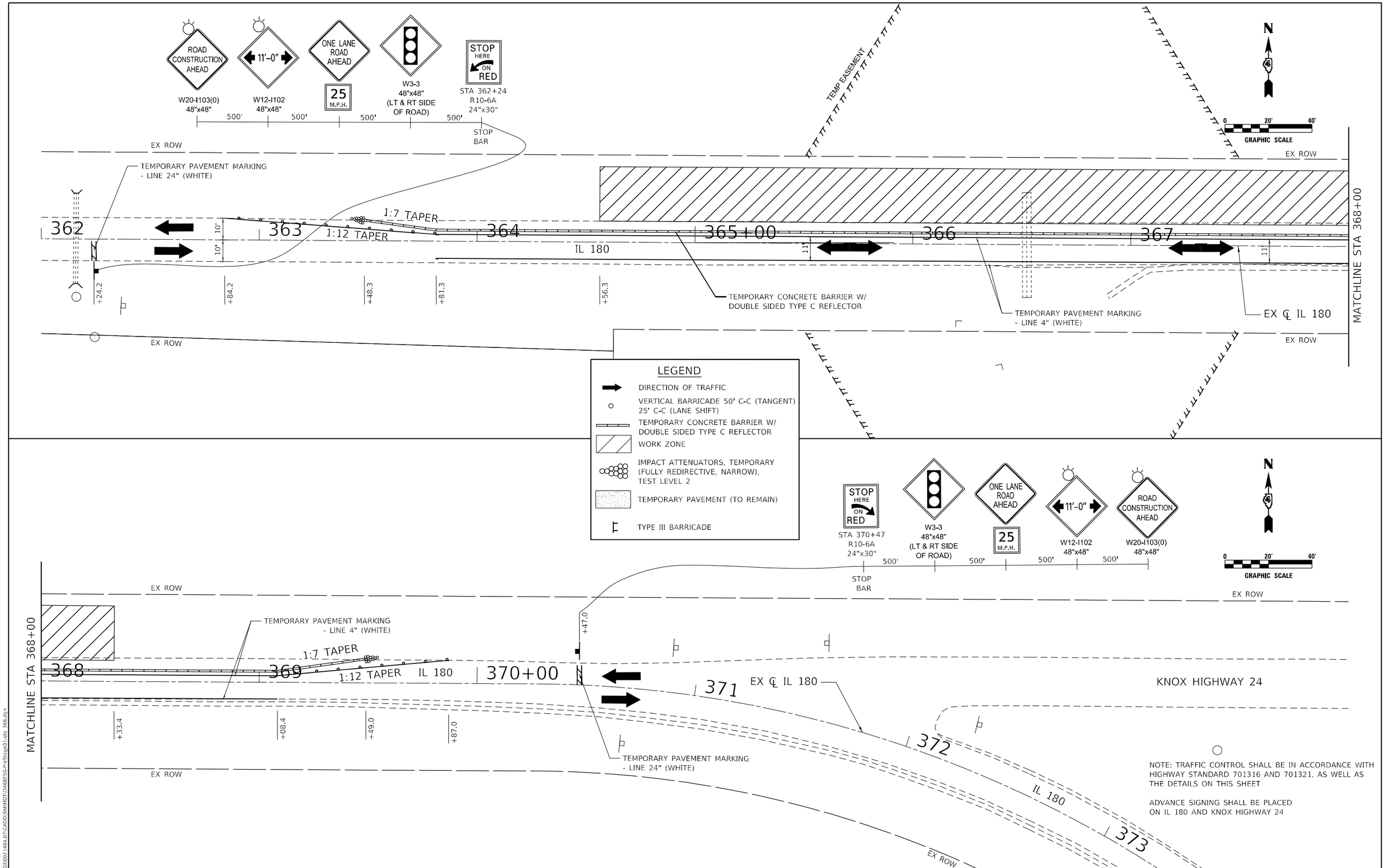
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 5/31/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
MAINTENANCE OF TRAFFIC – 366+52 CULVERT REPLACEMENT

SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	123
* 110RS-5;(111,112,108X-1)W,RS-3		CONTRACT NO. 68E50		
	ILLINOIS	FED. AID PROJECT		



NOTE: TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD 701316 AND 701321, AS WELL AS THE DETAILS ON THIS SHEET

ADVANCE SIGNING SHALL BE PLACED ON IL 180 AND KNOX HIGHWAY 24

DATE PLOTTED = 12/18/2024 10:49:00 AM
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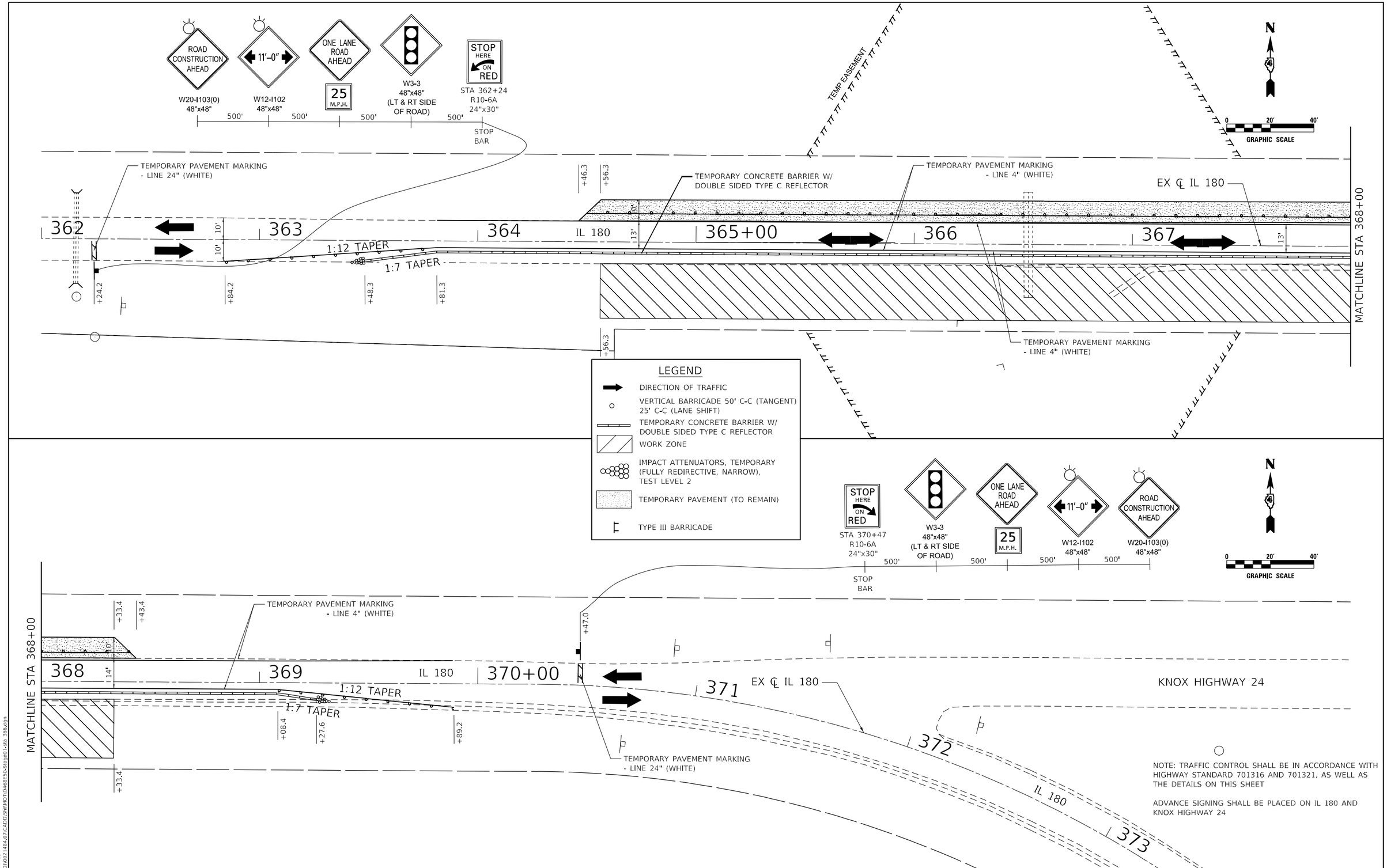
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 5/31/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
MAINTENANCE OF TRAFFIC – PRESTAGE 1

SCALE: 1" = 50' | SHEET OF SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	124
-	110RS-5:(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
	ILLINOIS	FED. AID PROJECT		



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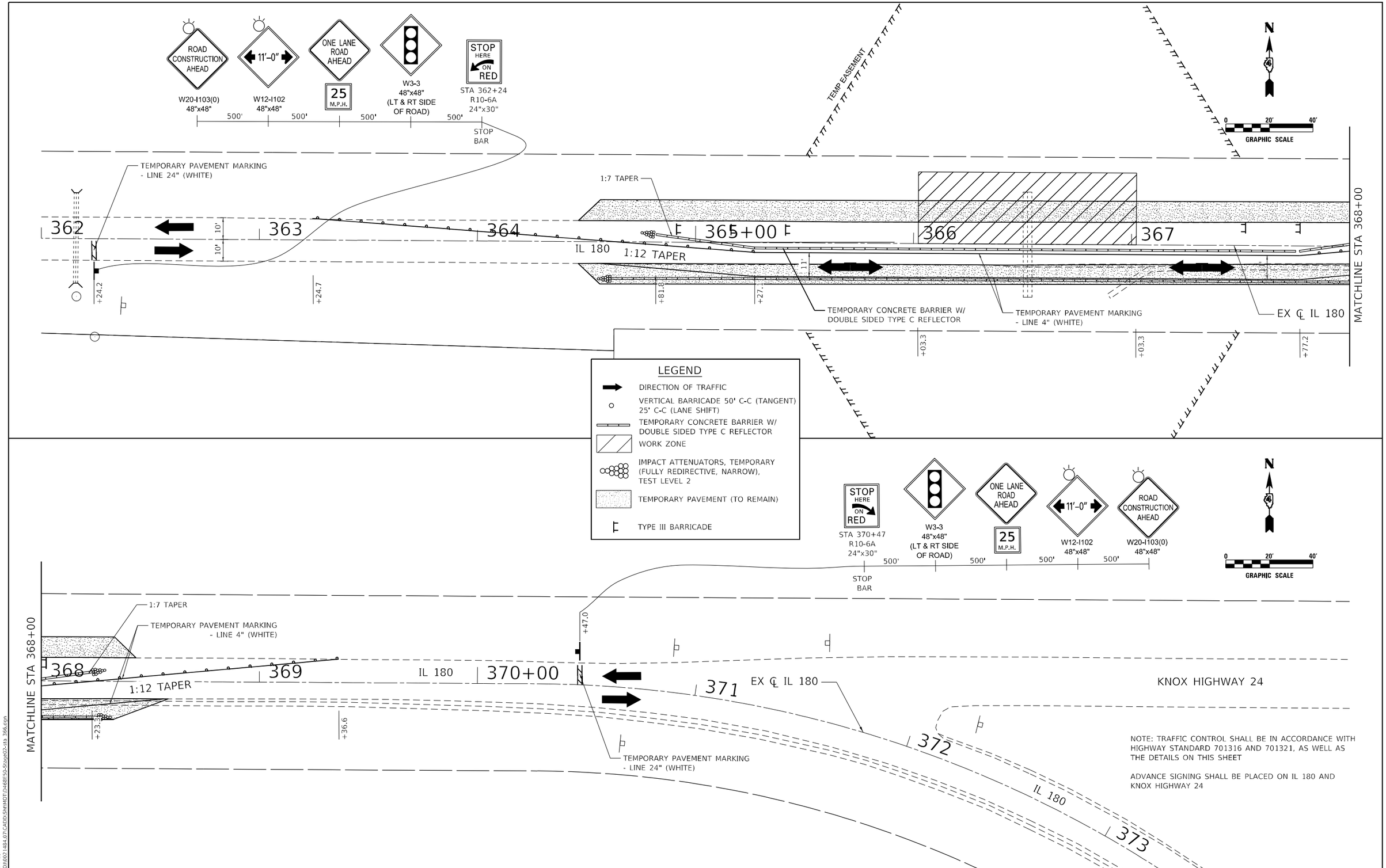
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 5/31/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
MAINTENANCE OF TRAFFIC – STAGE 1

SCALE: 1" = 50' | SHEET OF SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	125
*	110RS-5:(111,112,108X-1)W,RS-3	CONTRACT NO.	68E50	
	ILLINOIS	FED. AID PROJECT		



NOTE: TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH HIGHWAY STANDARD 701316 AND 701321, AS WELL AS THE DETAILS ON THIS SHEET

ADVANCE SIGNING SHALL BE PLACED ON IL 180 AND KNOX HIGHWAY 24

DATE PLOTTED = 12/18/2024 10:49:02 AM
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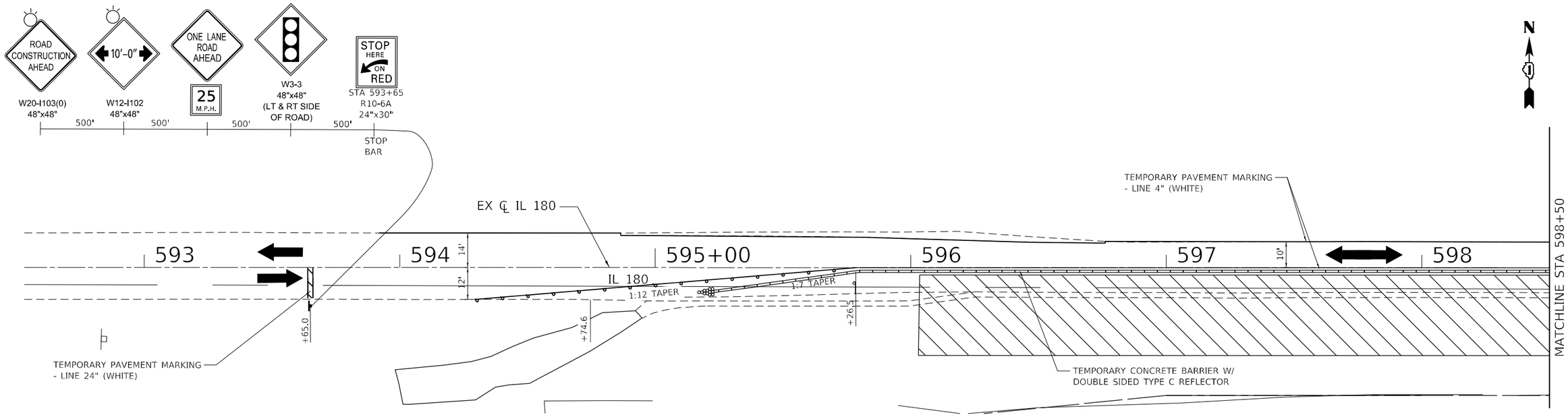
USER NAME = Roadway	DESIGNED - AEC	REVISED -	
	DRAWN - AMS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - NDF	REVISED -	
PLOT DATE = 12/18/2024	DATE - 5/31/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
MAINTENANCE OF TRAFFIC – STAGE 2

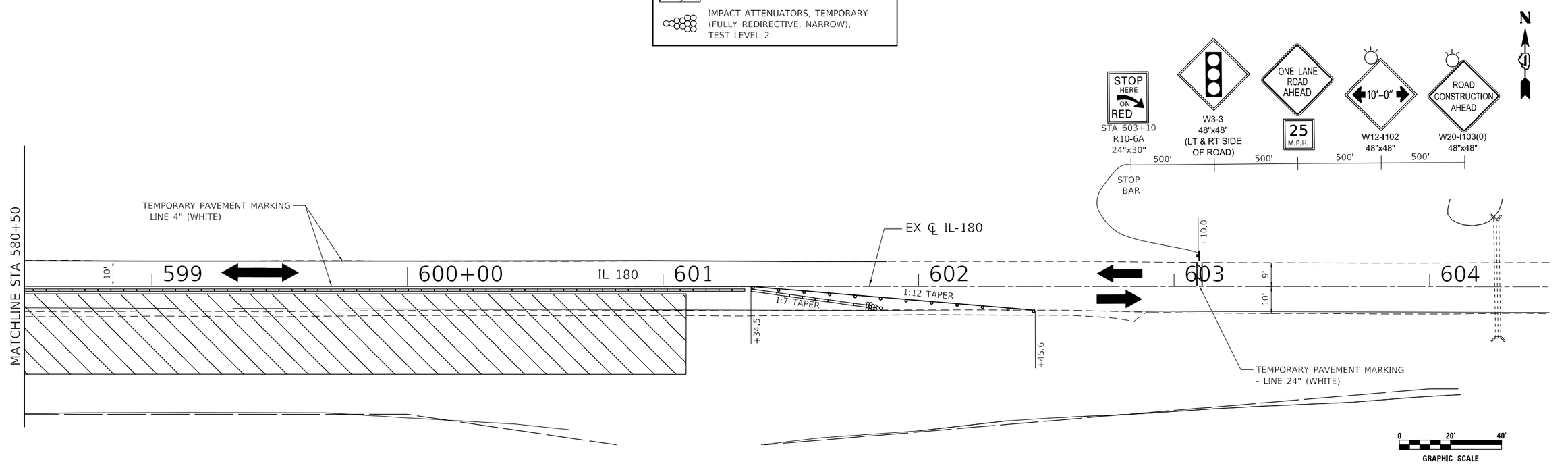
SCALE: 1" = 50' | SHEET OF SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	126
-	110RS-5:(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
	ILLINOIS	FED. AID PROJECT		



LEGEND

- DIRECTION OF TRAFFIC
- VERTICAL BARRICADE 50' C-C (TANGENT) 25' C-C (LANE SHIFT)
- TEMPORARY CONCRETE BARRIER W/ DOUBLE SIDED TYPE C REFLECTOR
- WORK ZONE
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2



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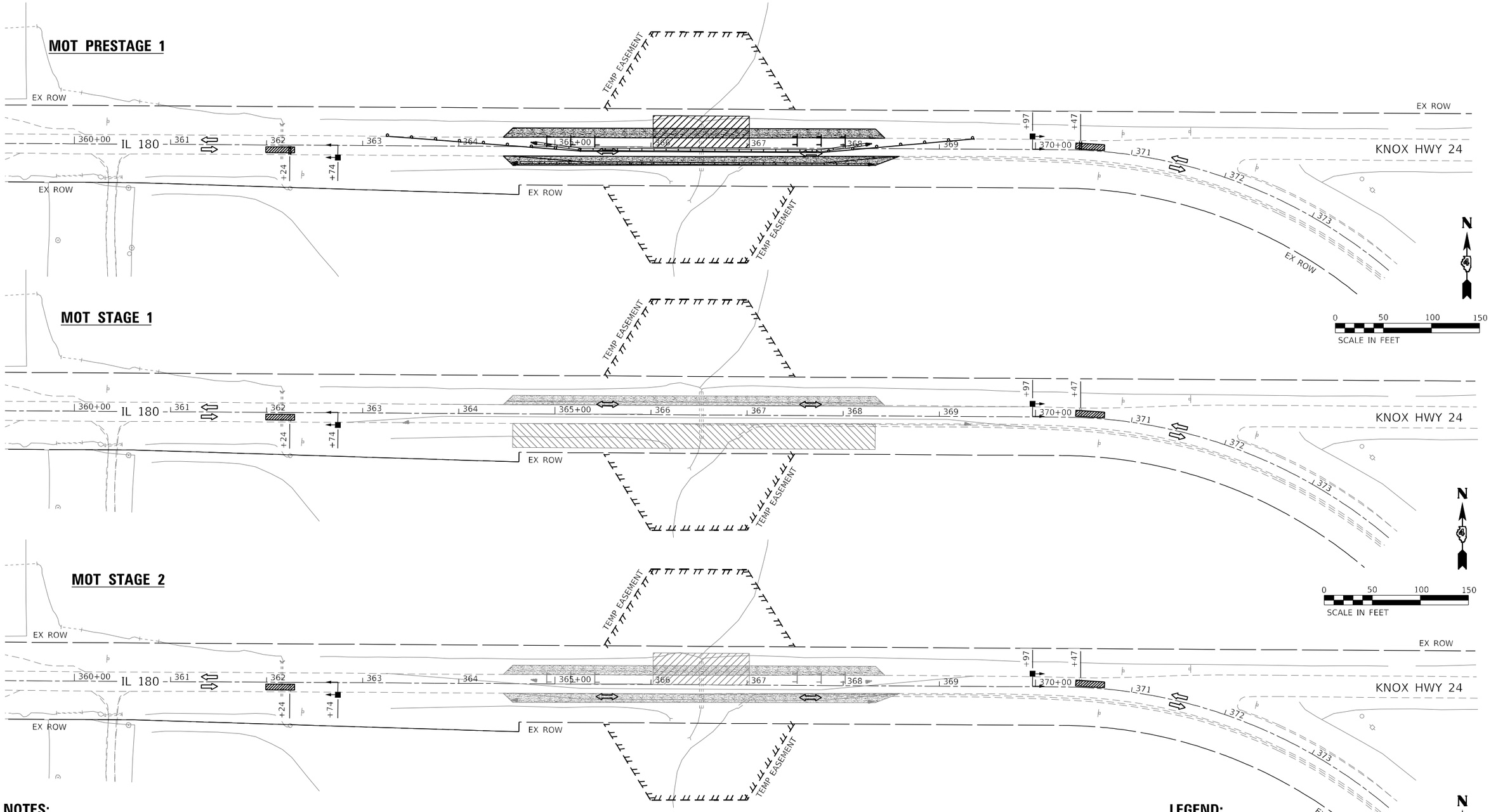
CiorbaGroup 8725 W. Higgins Rd, Ste 600, Chicago, IL 60631 P 773.775.4009 | www.ciorba.com	USER NAME = Roadway	DESIGNED - AEC	REVISED -
		DRAWN - AMS	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - NDF	REVISED -
	PLOT DATE = 12/18/2024	DATE - 5/31/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
MAINTENANCE OF TRAFFIC – STAGE 1

SCALE: 1" = 20' | SHEET OF SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	127
*	110RS-5:(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS	FED. AID PROJECT	



NOTES:

1. THE TRAFFIC SIGNAL INSTALLATION SHALL CONSIST OF TRAILER MOUNTED TEMPORARY PORTABLE TRAFFIC SIGNALS UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. VEHICLE DETECTION IS REQUIRED AND SHALL BE THE MICROWAVE TYPE UNLESS OTHERWISE APPROVED BY THE ENGINEER.
3. THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL M.U.T.C.D. REQUIREMENTS AND THE SPECIAL PROVISIONS FOR TEMPORARY BRIDGE TRAFFIC SIGNAL INSTALLATION.
4. STOP BAR AND SIGNAL PLACEMENT SHALL BE AS SHOWN OR AS DIRECTED BY THE ENGINEER.
5. TRAFFIC SIGNAL HEADS SHALL HAVE LOUVERED BACKPLATES.
6. ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO COMPLY WITH THE CONTRACT DOCUMENT SHALL BE INCLUDED IN THE BID PRICE FOR "TEMPORARY BRIDGE TRAFFIC SIGNALS". THIS SHALL INCLUDE FILL MATERIAL AND TEMPORARY PAVEMENT IF NECESSARY TO PROVIDE LEVEL SURFACES FOR THE PORTABLE TRAFFIC SIGNAL EQUIPMENT. THIS PAY ITEM SHALL INCLUDED ALL CHANGES AND ADJUSTEMENTS REQUIRED TO CONSTRUCT THE PROJECT AS SHOWN IN THE PLANS.

LEGEND:

- DIRECTION OF TRAVEL
- TEMPORARY PORTABLE TRAFFIC SIGNAL
- DETECTION ZONE

0 50 100 150
SCALE IN FEET

DATE PLOTTED = 12/18/2024 10:49:03 AM
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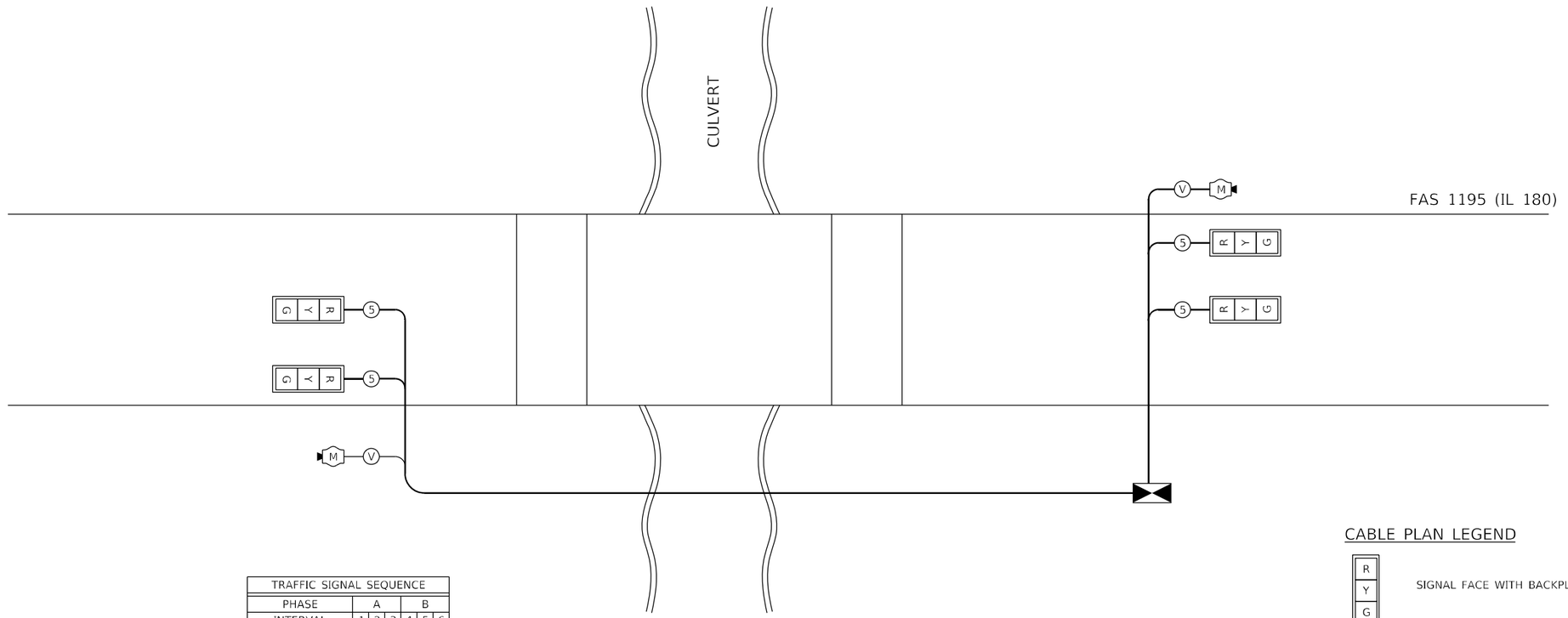
USER NAME = Roadway	DESIGNED - DTJ	REVISED -	
	DRAWN - DTJ	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JMV	REVISED -	
PLOT DATE = 12/18/2024	DATE - 5/31/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
TEMPORARY BRDIGE TRAFFIC SIGNALS

SCALE: 1" = 50' | SHEET OF SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	128
*	110RS-5:(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
	ILLINOIS	FED. AID PROJECT		



TRAFFIC SIGNAL SEQUENCE						
PHASE	A			B		
INTERVAL	1	2	3	4	5	6
EASTBOUND	G	Y	R	R	R	R
WESTBOUND	R	R	R	G	Y	R

TEMPORARY BRIDGE TRAFFIC SIGNAL INSTALLATION
WIRING DIAGRAM - PRESTAGE 1, STAGE 1, STAGE 2

CABLE PLAN LEGEND

- R / Y / G — SIGNAL FACE WITH BACKPLATE
- M — MICROWAVE VEHICLE SENSOR
- CONTROLLER CABINET
- V — VENDOR CABLE FOR MICROWAVE DETECTOR

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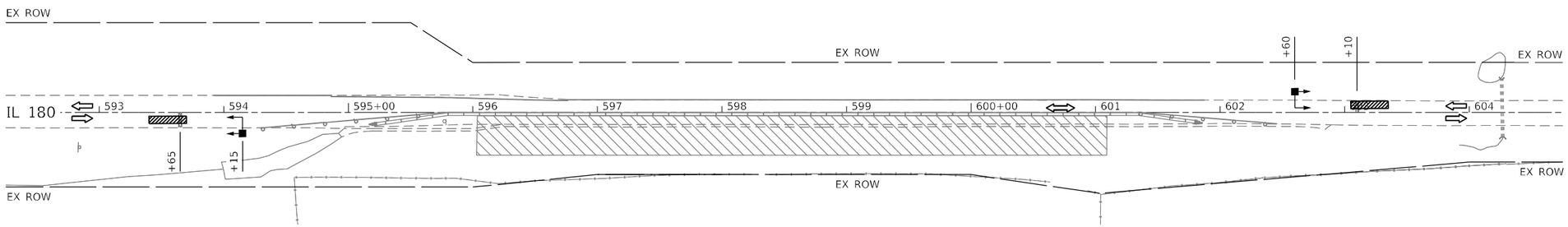
USER NAME = Roadway	DESIGNED - DTJ	REVISED -	
	DRAWN - DTJ	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JMV	REVISED -	
PLOT DATE = 12/18/2024	DATE - 5/31/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
TEMPORARY BRIDGE TRAFFIC SIGNALS WIRING DIAGRAM

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	129
*	110RS-5:(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
		ILLINOIS FED. AID PROJECT		



NOTES:

1. THE TRAFFIC SIGNAL INSTALLATION SHALL CONSIST OF TRAILER MOUNTED TEMPORARY PORTABLE TRAFFIC SIGNALS UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. VEHICLE DETECTION IS REQUIRED AND SHALL BE THE MICROWAVE TYPE UNLESS OTHERWISE APPROVED BY THE ENGINEER.
3. THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL M.U.T.C.D. REQUIREMENTS AND THE SPECIAL PROVISIONS FOR TEMPORARY BRIDGE TRAFFIC SIGNAL INSTALLATION.
4. STOP BAR AND SIGNAL PLACEMENT SHALL BE AS SHOWN OR AS DIRECTED BY THE ENGINEER.
5. TRAFFIC SIGNAL HEADS SHALL HAVE LOUVERED BACKPLATES.
6. ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO COMPLY WITH THE CONTRACT DOCUMENT SHALL BE INCLUDED IN THE BID PRICE FOR "TEMPORARY BRIDGE TRAFFIC SIGNALS". THIS SHALL INCLUDE FILL MATERIAL AND TEMPORARY PAVEMENT IF NECESSARY TO PROVIDE LEVEL SURFACES FOR THE PORTABLE TRAFFIC SIGNAL EQUIPMENT. THIS PAY ITEM SHALL INCLUDED ALL CHANGES AND ADJUSTEMENTS REQUIRED TO CONSTRUCT THE PROJECT AS SHOWN IN THE PLANS.

LEGEND:

- DIRECTION OF TRAVEL
- TEMPORARY PORTABLE TRAFFIC SIGNAL
- DETECTION ZONE

0 50 100 150
SCALE IN FEET

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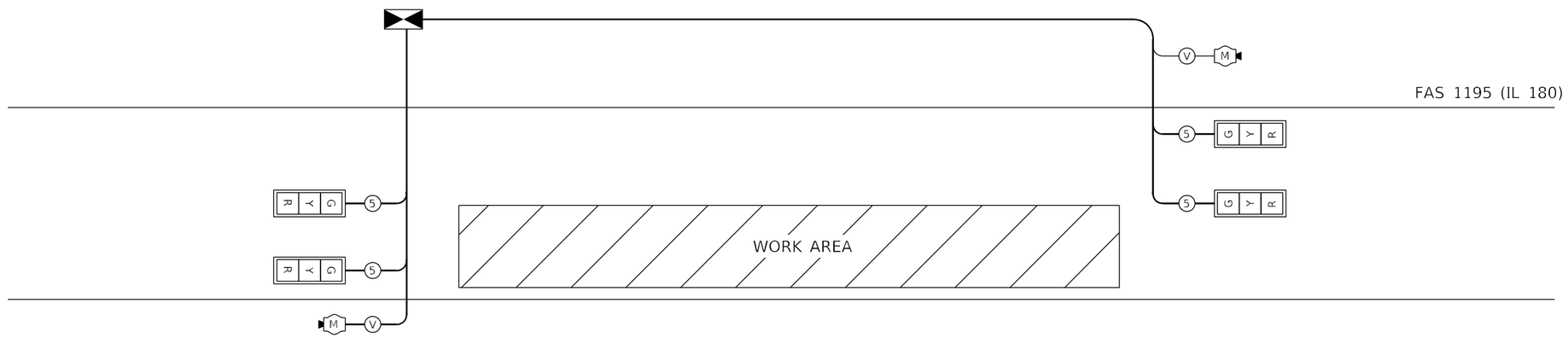
USER NAME = Roadway	DESIGNED - DTJ	REVISED -	
	DRAWN - DTJ	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JMV	REVISED -	
PLOT DATE = 12/18/2024	DATE - 5/31/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
TEMPORARY BRDIGE TRAFFIC SIGNALS

SCALE: 1" = 50' | SHEET OF SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	130
*	110RS-5:(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
	ILLINOIS	FED. AID PROJECT		



TRAFFIC SIGNAL SEQUENCE						
PHASE	A			B		
INTERVAL	1	2	3	4	5	6
NORTHBOUND	G	Y	R	R	R	R
SOUTHBOUND	R	R	R	G	Y	R

TEMPORARY BRIDGE TRAFFIC SIGNAL INSTALLATION
WIRING DIAGRAM

CABLE PLAN LEGEND

- R / Y / G — SIGNAL FACE WITH BACKPLATE
- M — MICROWAVE VEHICLE SENSOR
- CONTROLLER CABINET
- V — VENDOR CABLE FOR MICROWAVE DETECTOR

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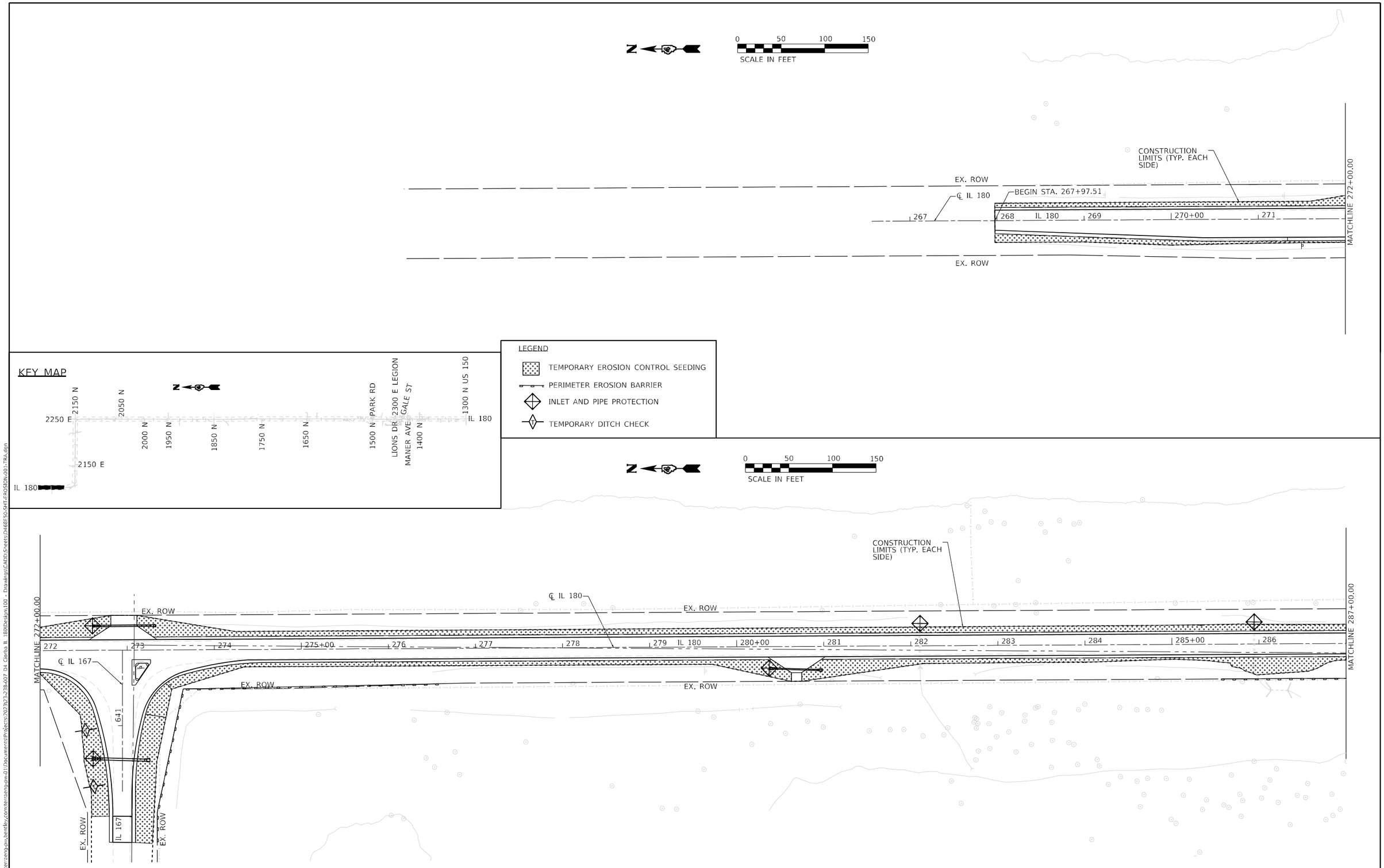
USER NAME = Roadway	DESIGNED - DTJ	REVISED -	
	DRAWN - DTJ	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JMV	REVISED -	
PLOT DATE = 12/18/2024	DATE - 5/31/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 180 WIDENING AND RESURFACING
TEMPORARY BRIDGE TRAFFIC SIGNALS WIRING DIAGRAM

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	131
*	110RS-5:(111,112,108X-1)W,RS-3	CONTRACT NO. 68E50		
	ILLINOIS	FED. AID PROJECT		



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TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION & SEDIMENT CONTROL IL 180	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - BAJ	REVISED -			1195	*	KNOX	409 / 132
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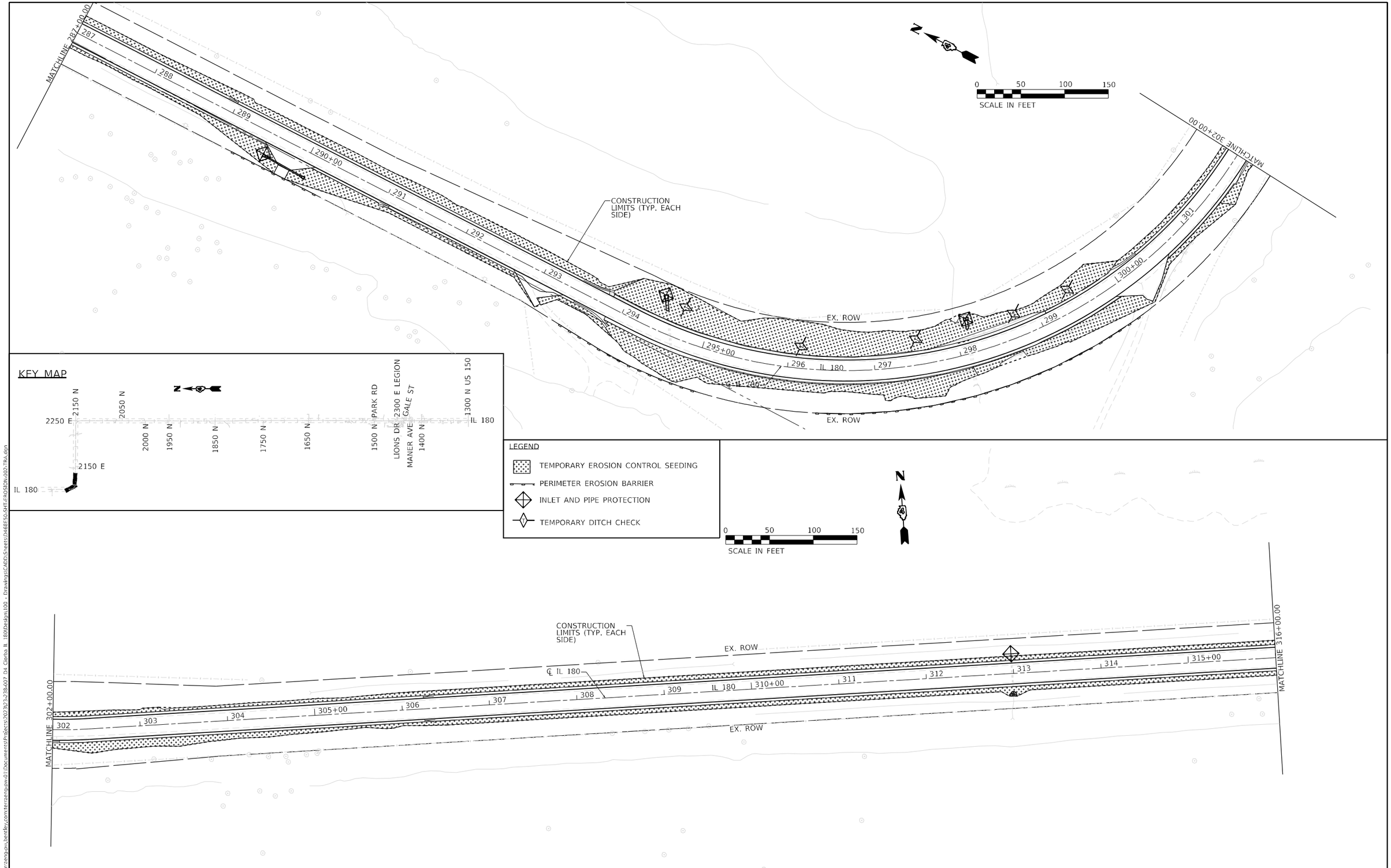
*110RS-5:(111,112,108X-1)W,RS-3



TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -
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	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL
IL 180

SCALE: SHEET 2 OF 20 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	133

CONTRACT NO. 68E50

ILLINOIS FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3

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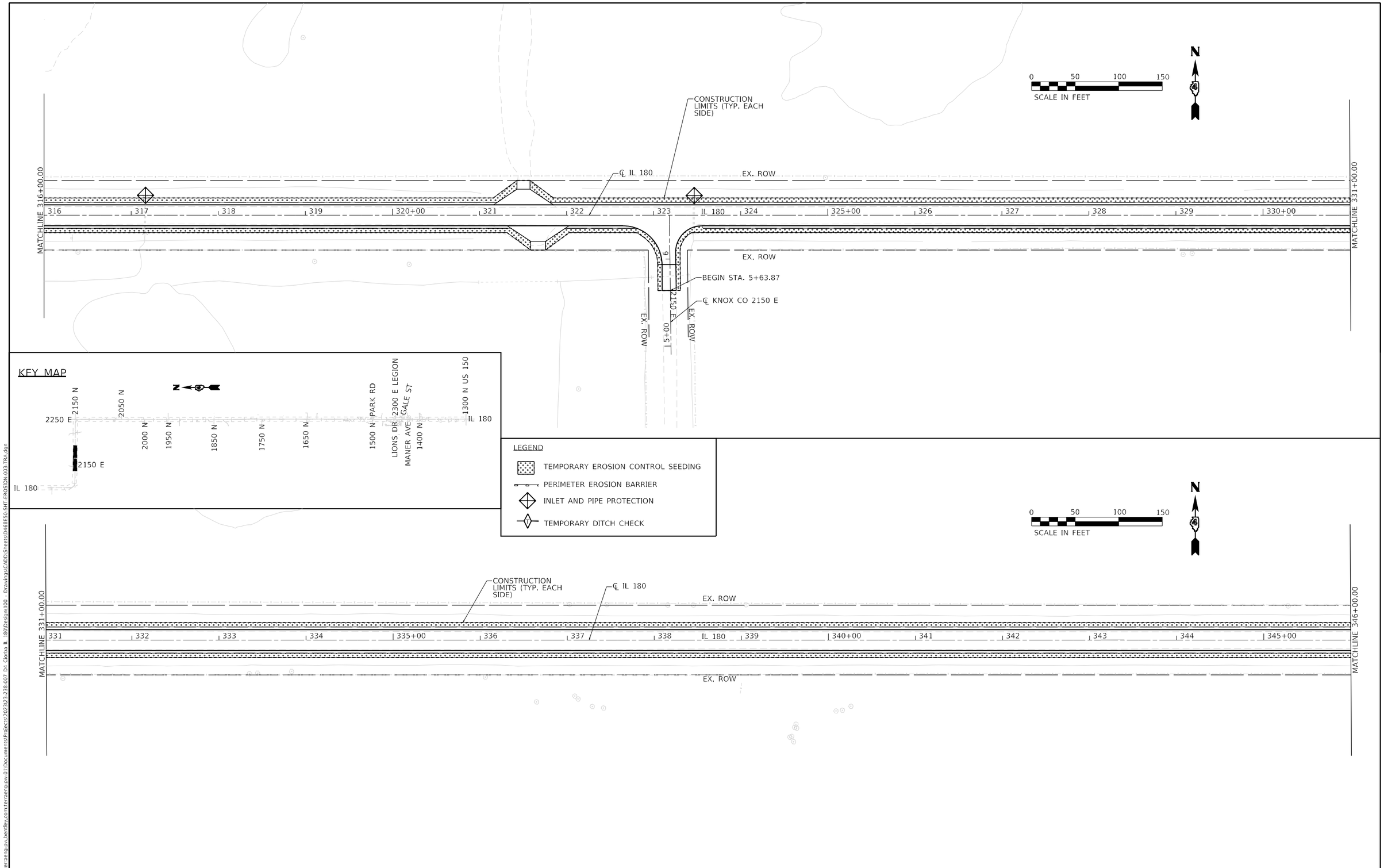

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TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -
		DRAWN - BAJ	REVISED -
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	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL
IL 180

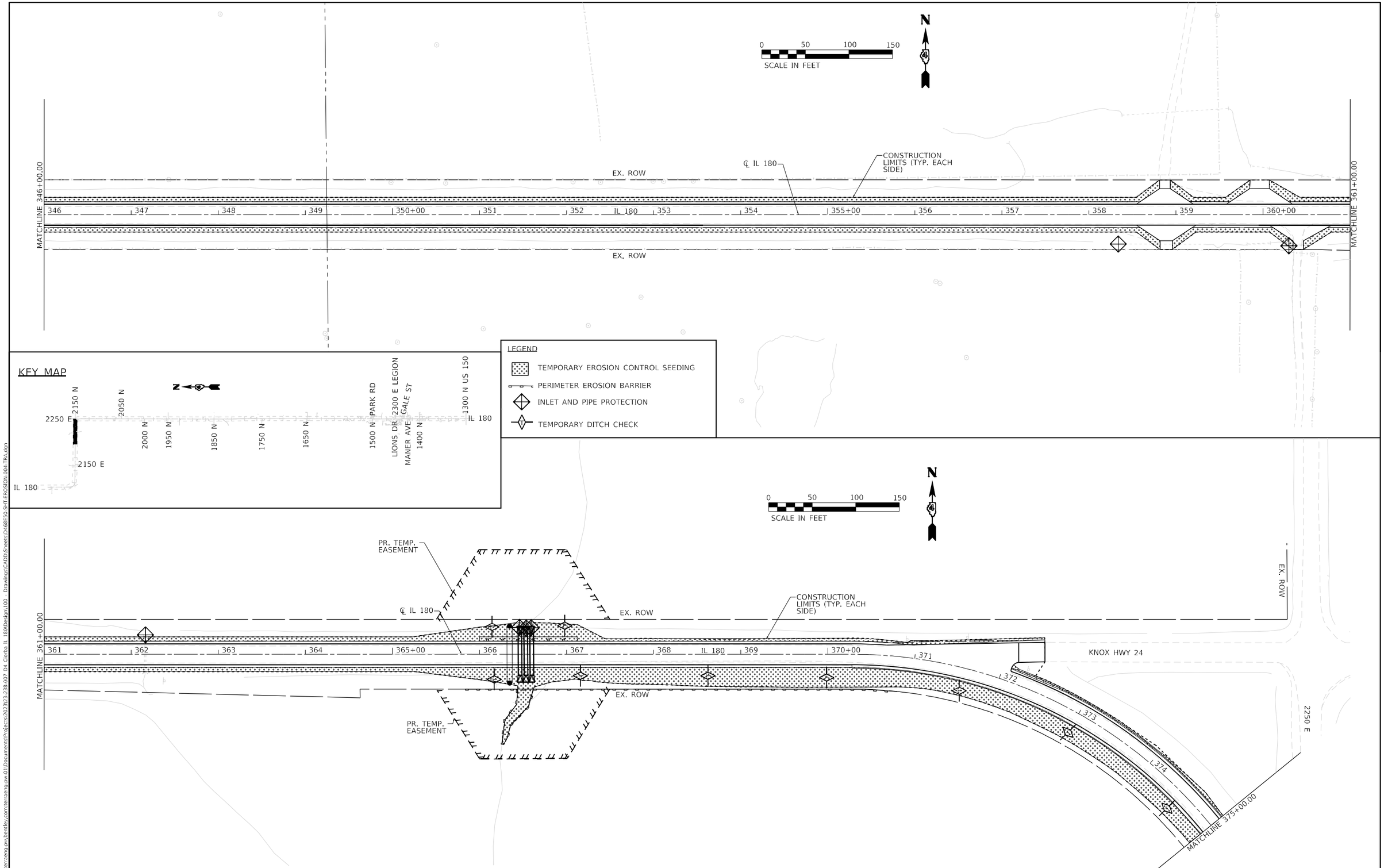
SCALE: | SHEET 3 OF 20 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	134

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3



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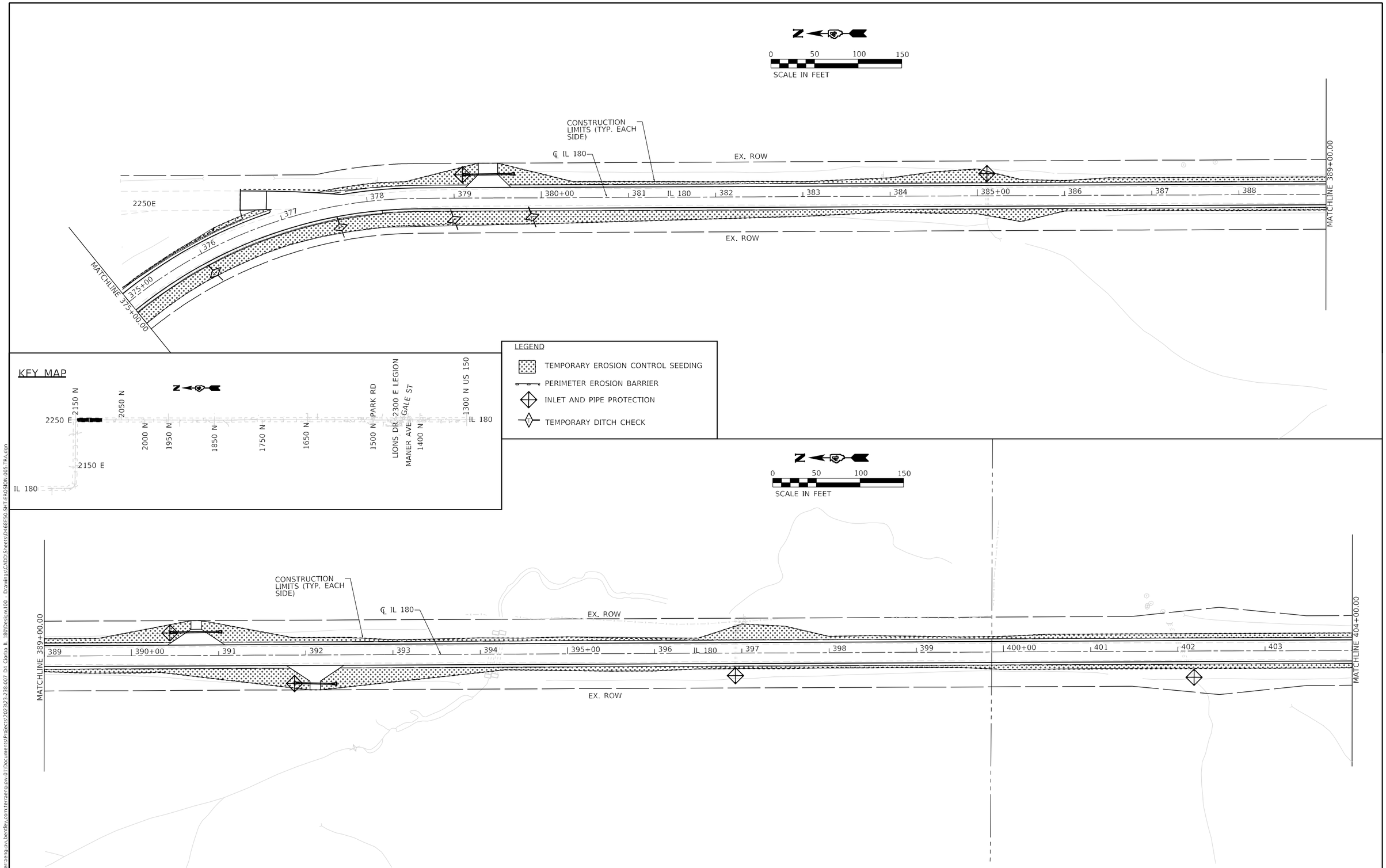
TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION & SEDIMENT CONTROL IL 180
		DRAWN - BAJ	REVISED -		
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -		
	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -		SCALE: SHEET 4 OF 20 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	135
		CONTRACT NO. 68E50		
		ILLINOIS FED. AID PROJECT		

*110RS-5;(111,112,108X-1)W,RS-3



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TERRA ENGINEERING LTD.

USER NAME = TravisW	DESIGNED - BAJ	REVISED -	
	DRAWN - BAJ	REVISED -	
PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -	
PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL
IL 180

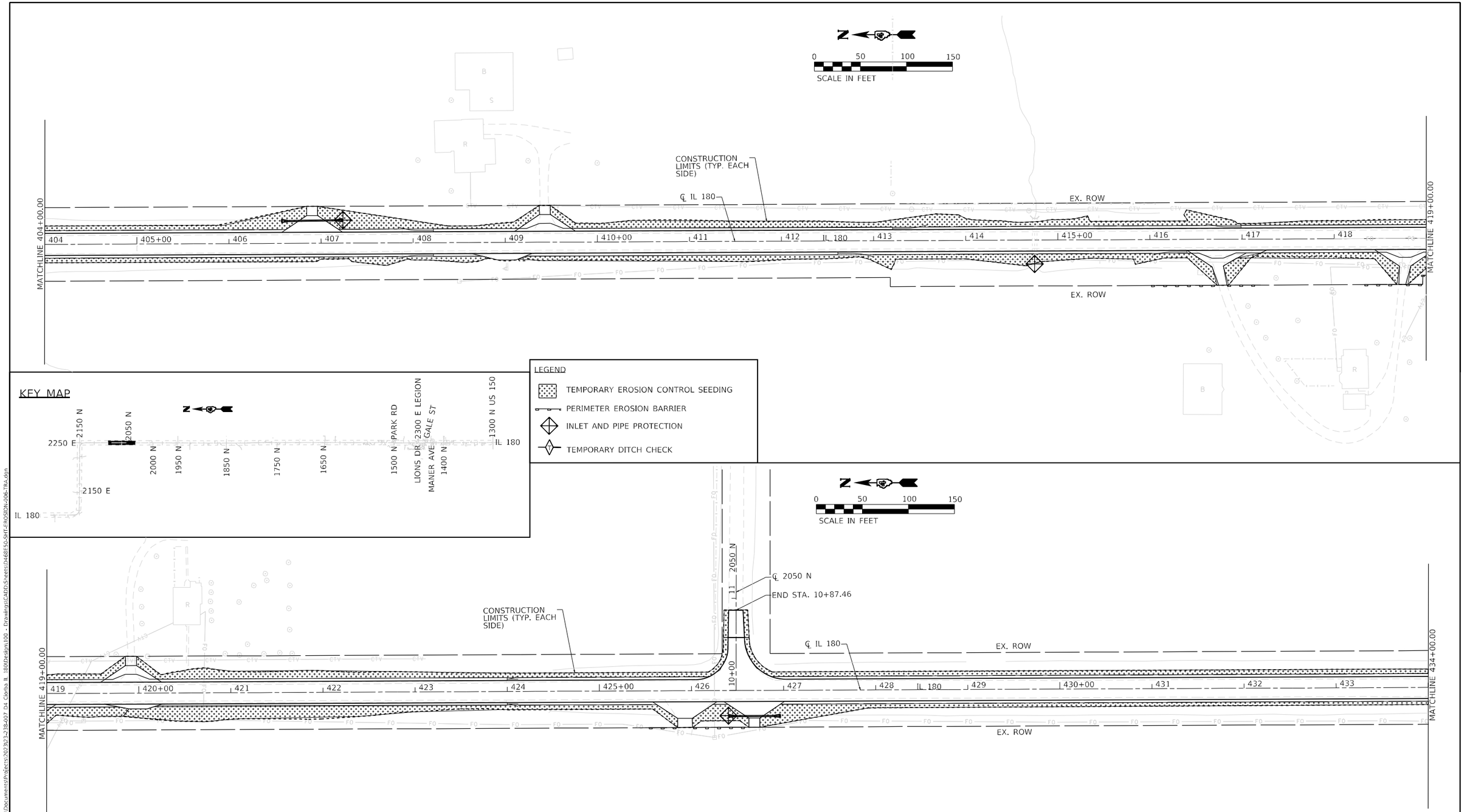
SCALE: | SHEET 5 OF 20 SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	136

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3



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TERRA ENGINEERING LTD.

USER NAME = TravisW	DESIGNED - BAJ	REVISED -	
	DRAWN - BAJ	REVISED -	
PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -	
PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL
IL 180

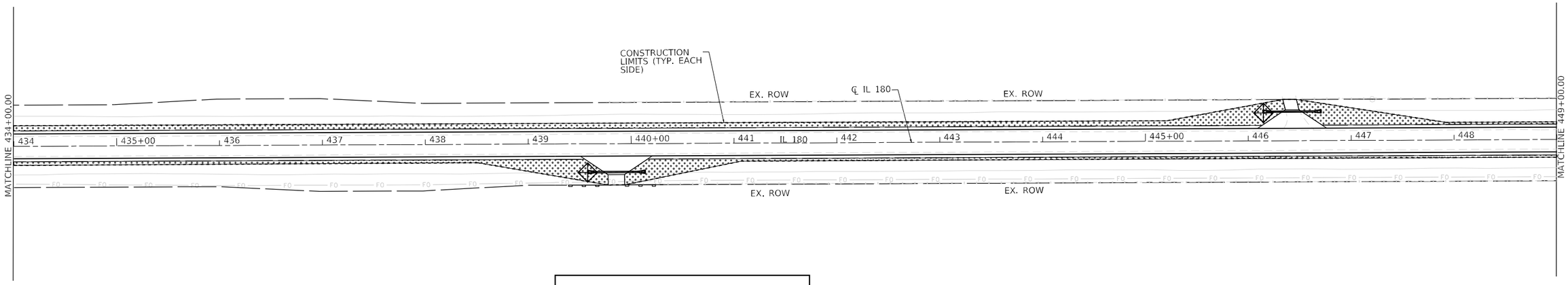
SCALE: | SHEET 6 OF 20 SHEETS | STA. TO STA.

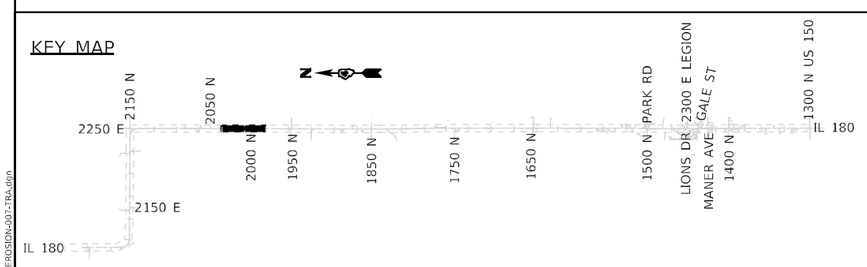
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	137

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

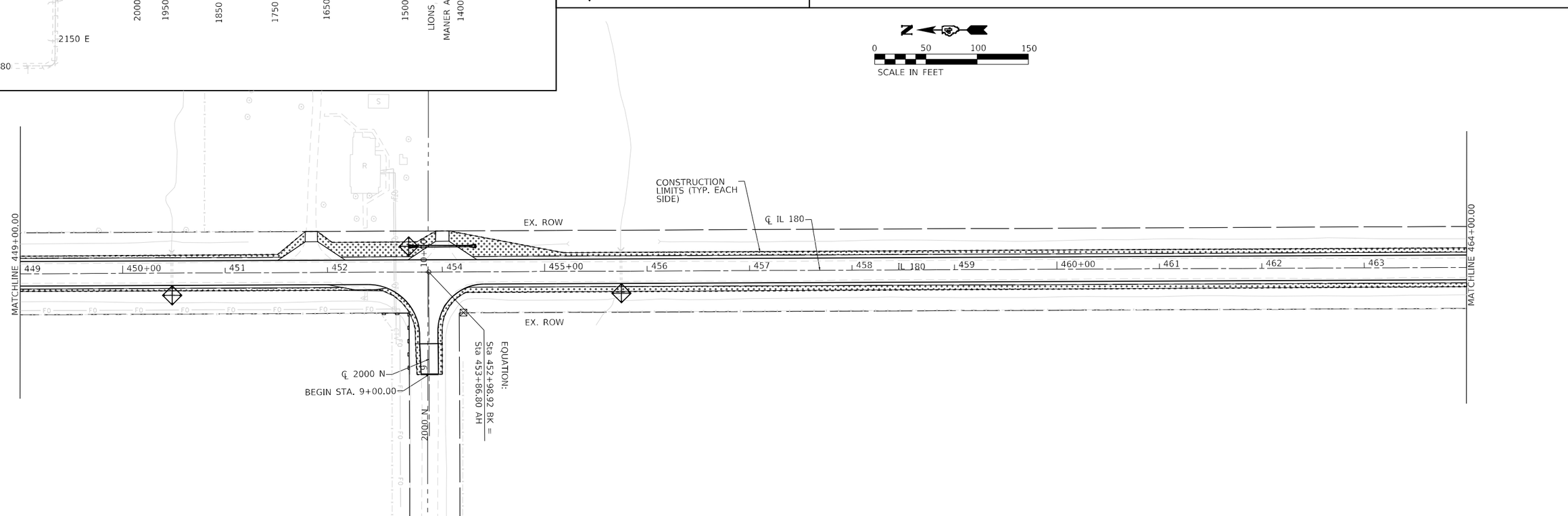
*110RS-5:(111,112,108X-1)W,RS-3





LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK



TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION & SEDIMENT CONTROL IL 180	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - BAJ	REVISED -			1195	*	KNOX	409 / 138
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -			CONTRACT NO. 68E50			
	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -		SCALE: / SHEET 7 OF 20 SHEETS / STA. / TO STA.	ILLINOIS	FED. AID PROJECT		

*110RS-5:(111,112,108X-1)W,RS-3

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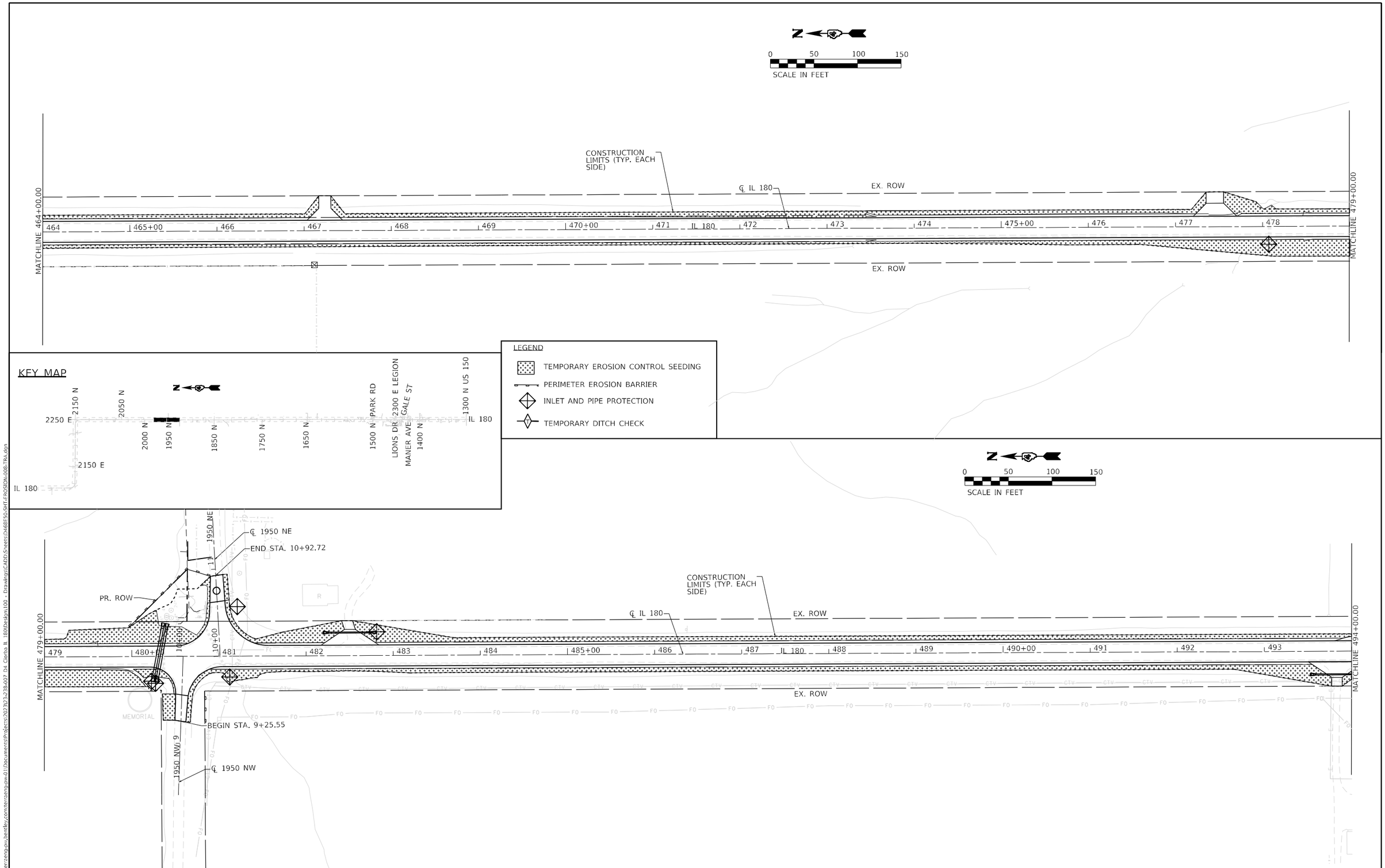

TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION & SEDIMENT CONTROL IL 180	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BAJ	REVISED -			1195	*	KNOX	409	139
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -					CONTRACT NO. 68E50		
	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -		SCALE: SHEET 8 OF 20 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		

*110RS-5;(111,112,108X-1)W,RS-3

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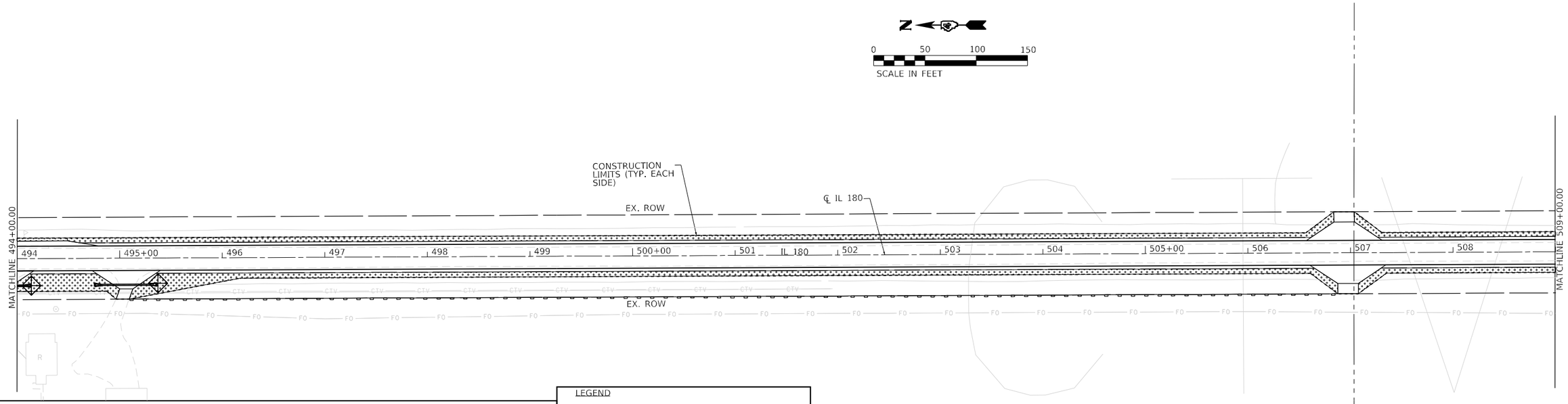
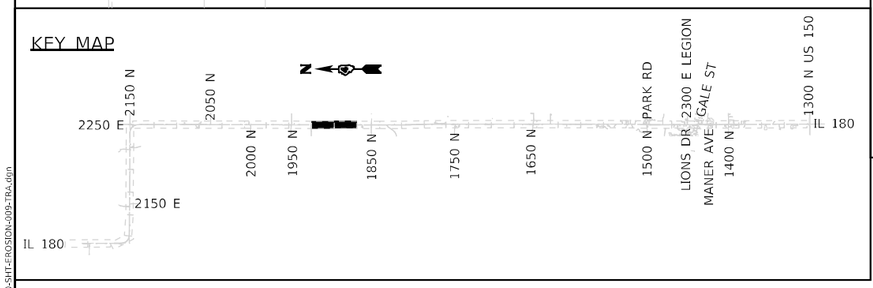
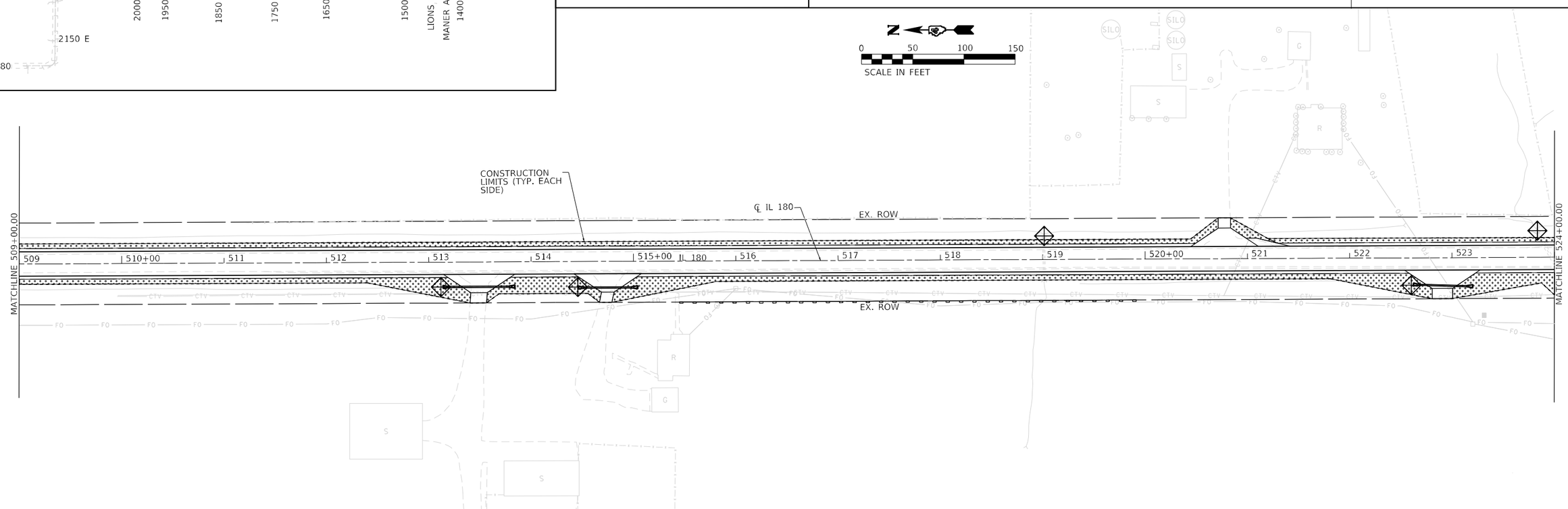




LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK



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TERRA ENGINEERING LTD.

USER NAME = TravisW	DESIGNED - BAJ	REVISED -	
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PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL
IL 180

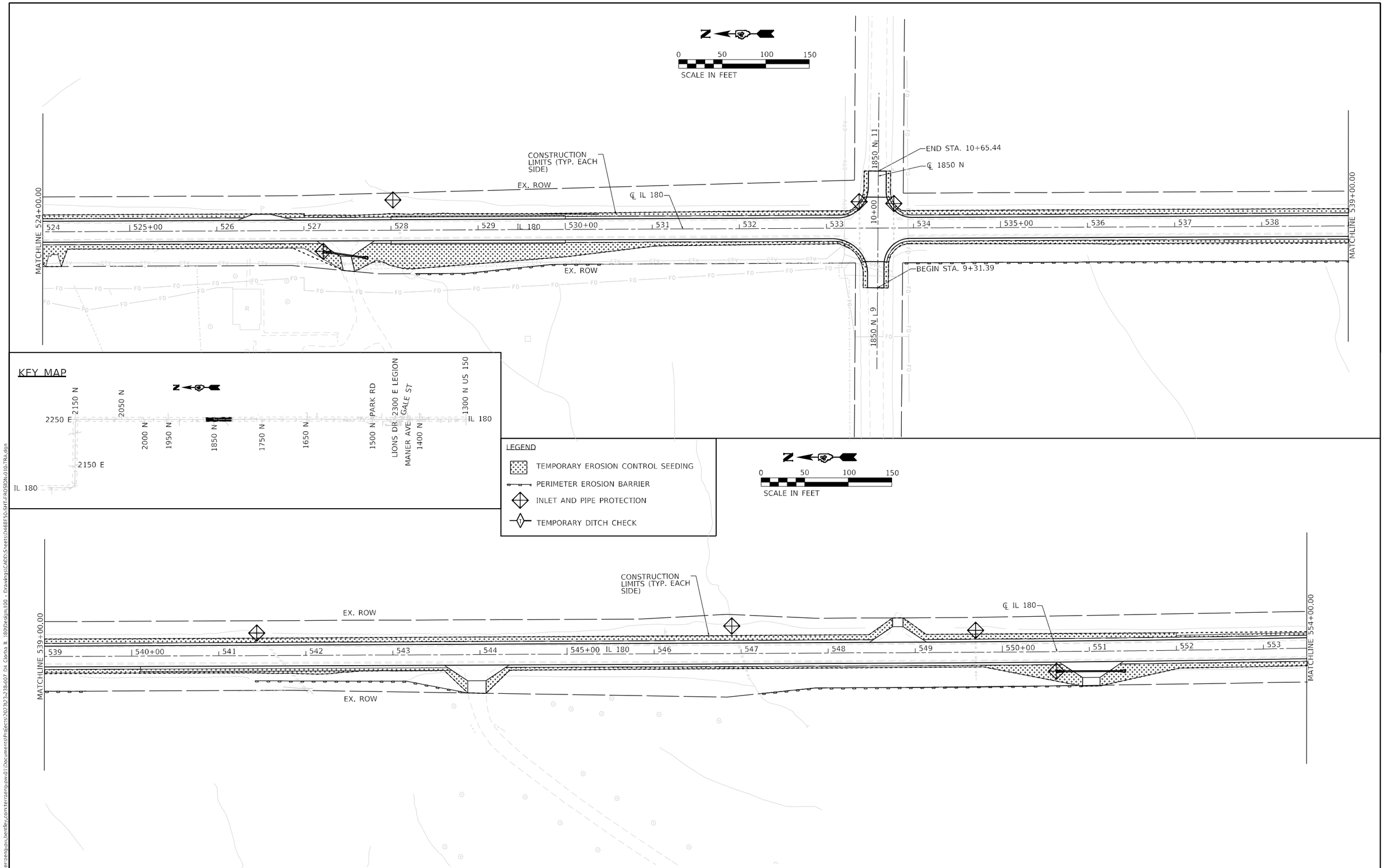
SCALE: | SHEET 9 OF 20 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	140

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3



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TERRA ENGINEERING LTD.

USER NAME = TravisW	DESIGNED - BAJ	REVISED -	
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PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -	
PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL
IL 180

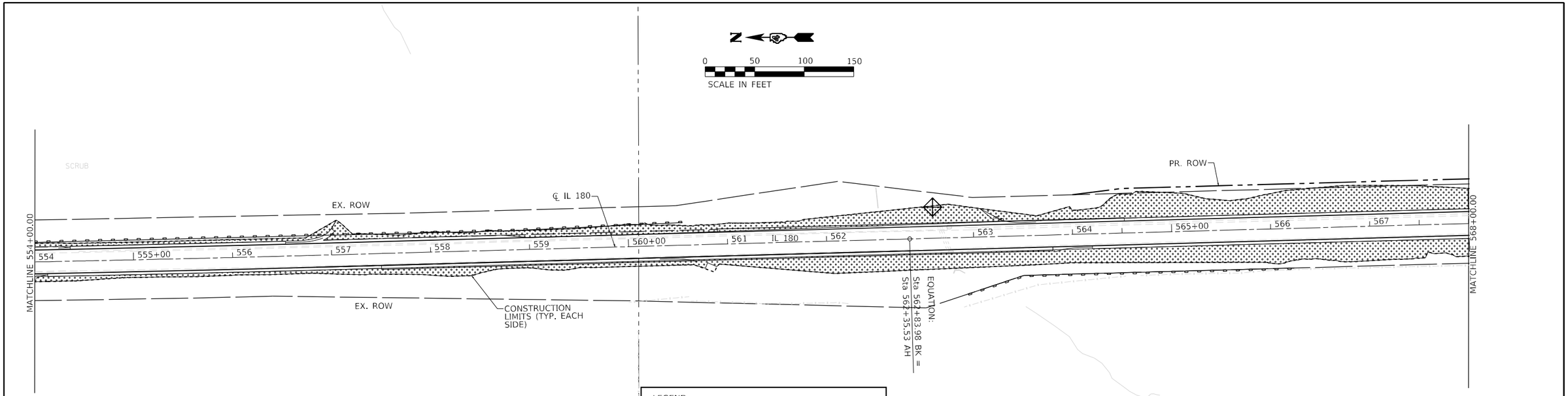
SCALE: | SHEET 10 OF 20 SHEETS | STA. | TO STA.

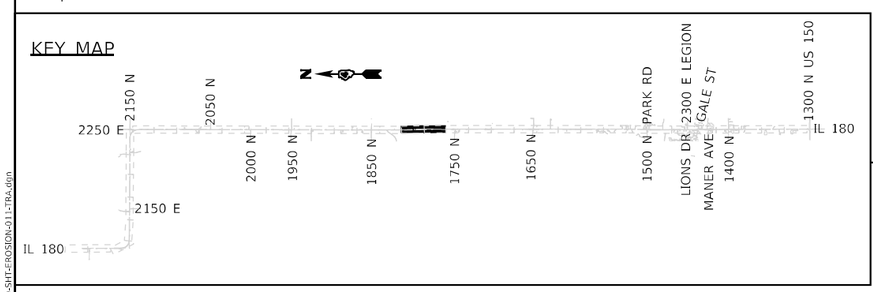
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	141

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

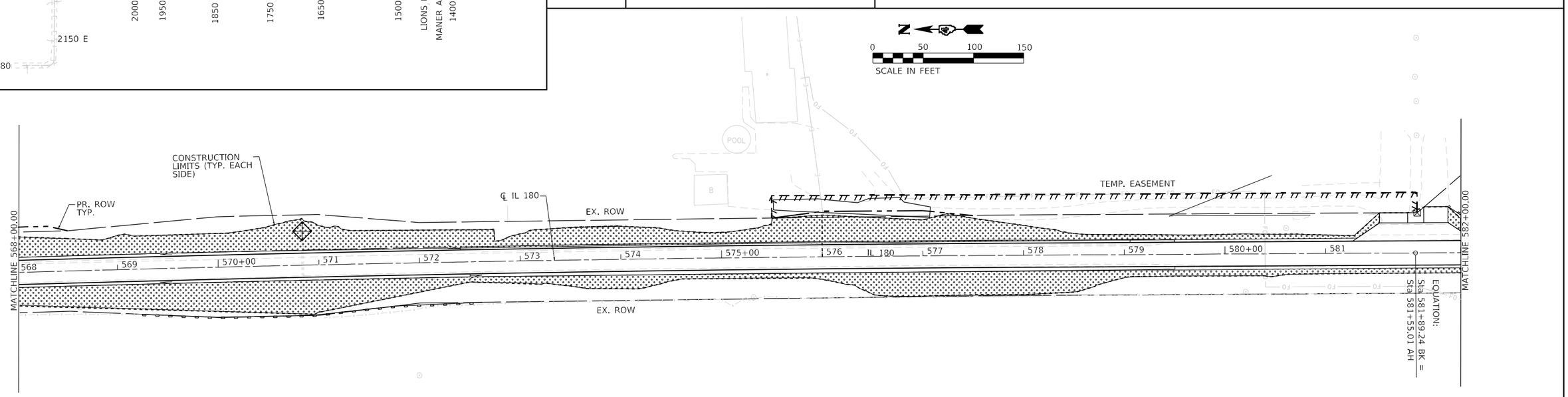
*110RS-5:(111,112,108X-1)W,RS-3





LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK



TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION & SEDIMENT CONTROL IL 180	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - BAJ	REVISED -			1195	*	KNOX	409 / 142
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	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -		SCALE: / SHEET 11 OF 20 SHEETS / STA. / TO STA.		ILLINOIS	FED. AID PROJECT	

*110RS-5:(111,112,108X-1)W,RS-3

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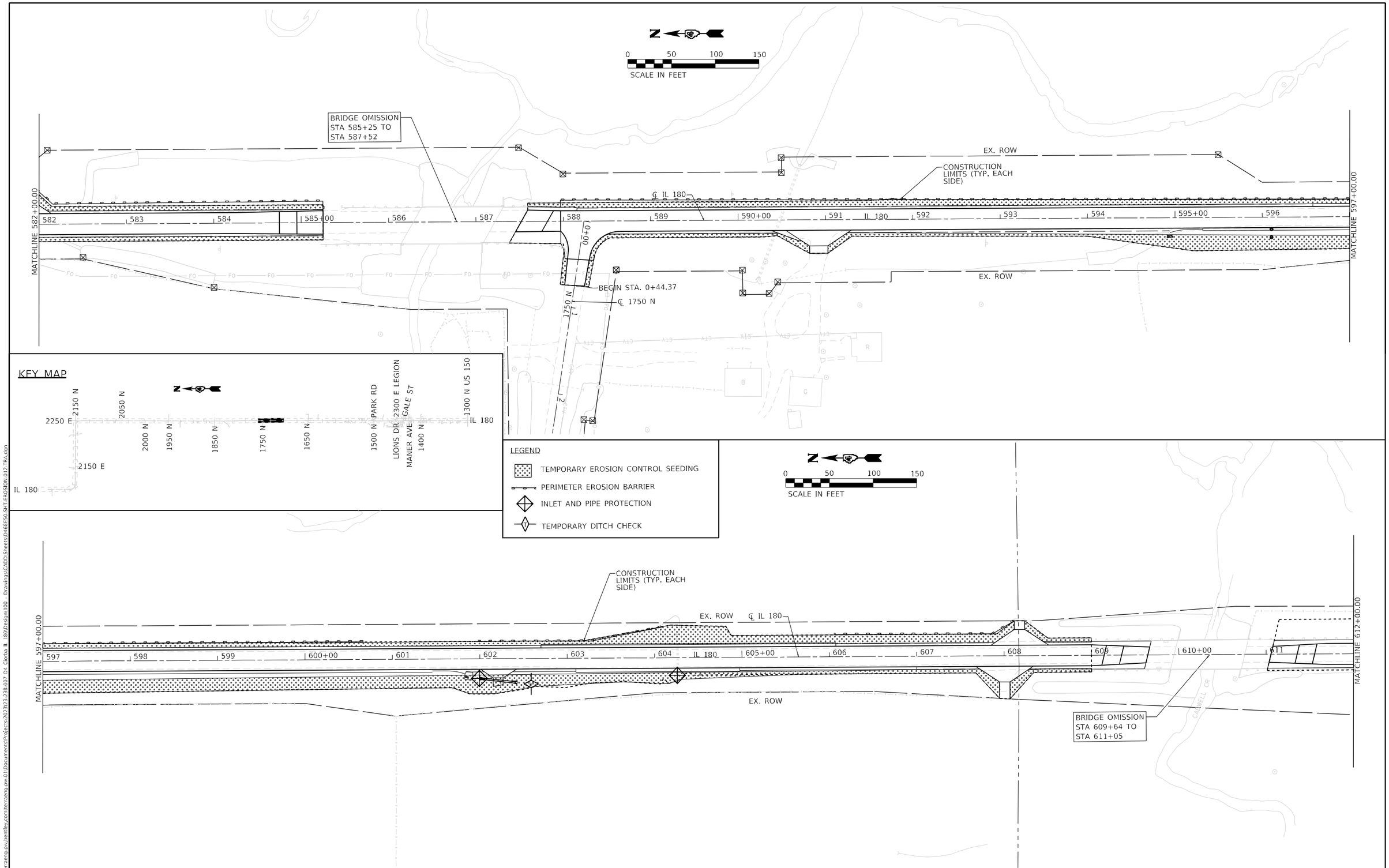

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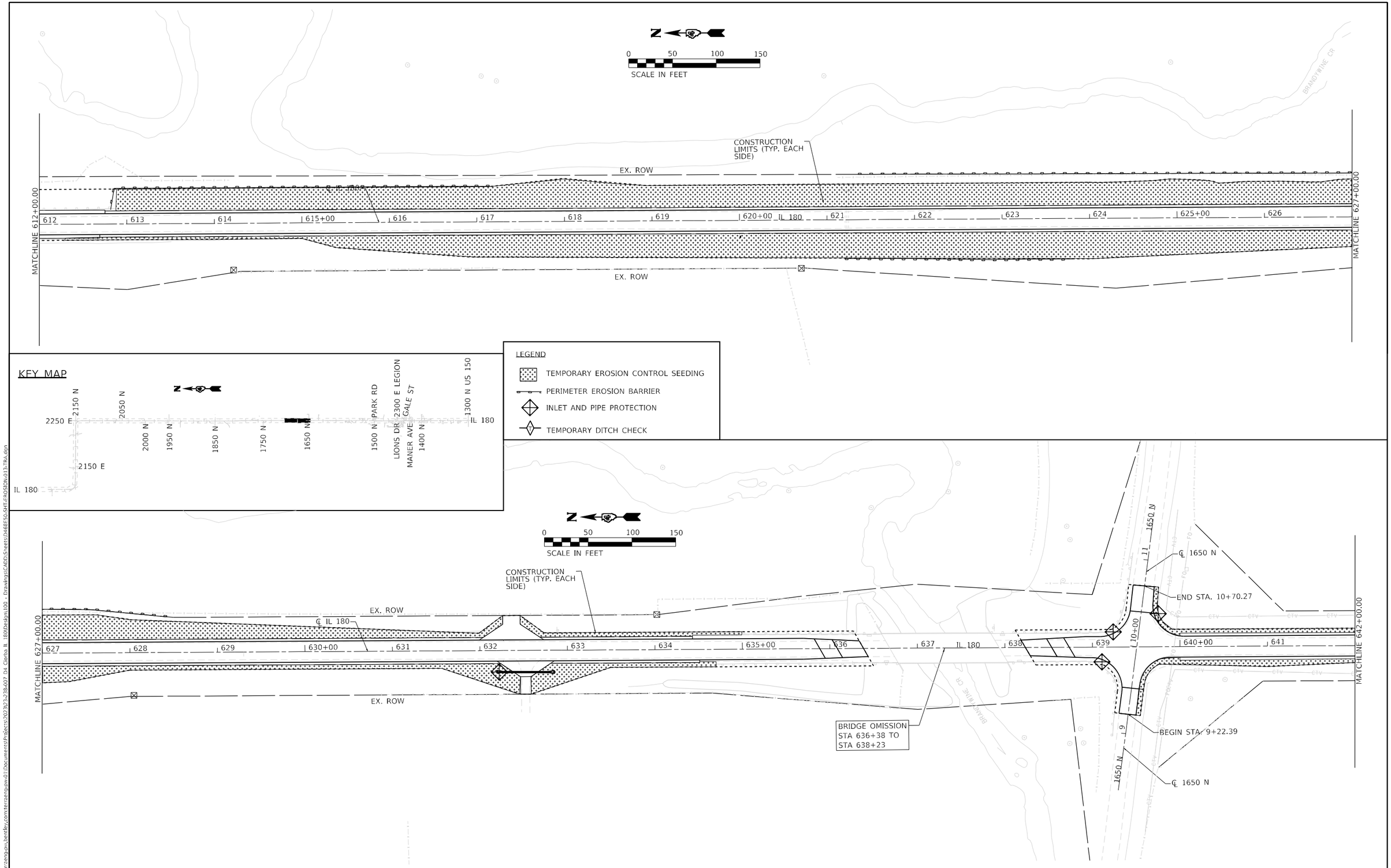
TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION & SEDIMENT CONTROL IL 180	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - BAJ	REVISED -			1195	*	KNOX	409 / 143
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -					CONTRACT NO. 68E50	
	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -		SCALE: / SHEET 12 OF 20 SHEETS / STA. / TO STA.		ILLINOIS	FED. AID PROJECT	

*110RS-5:(111,112,108X-1)W,RS-3



TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -
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	PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL
IL 180

SCALE: SHEET 13 OF 20 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	144

CONTRACT NO. 68E50

ILLINOIS FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3

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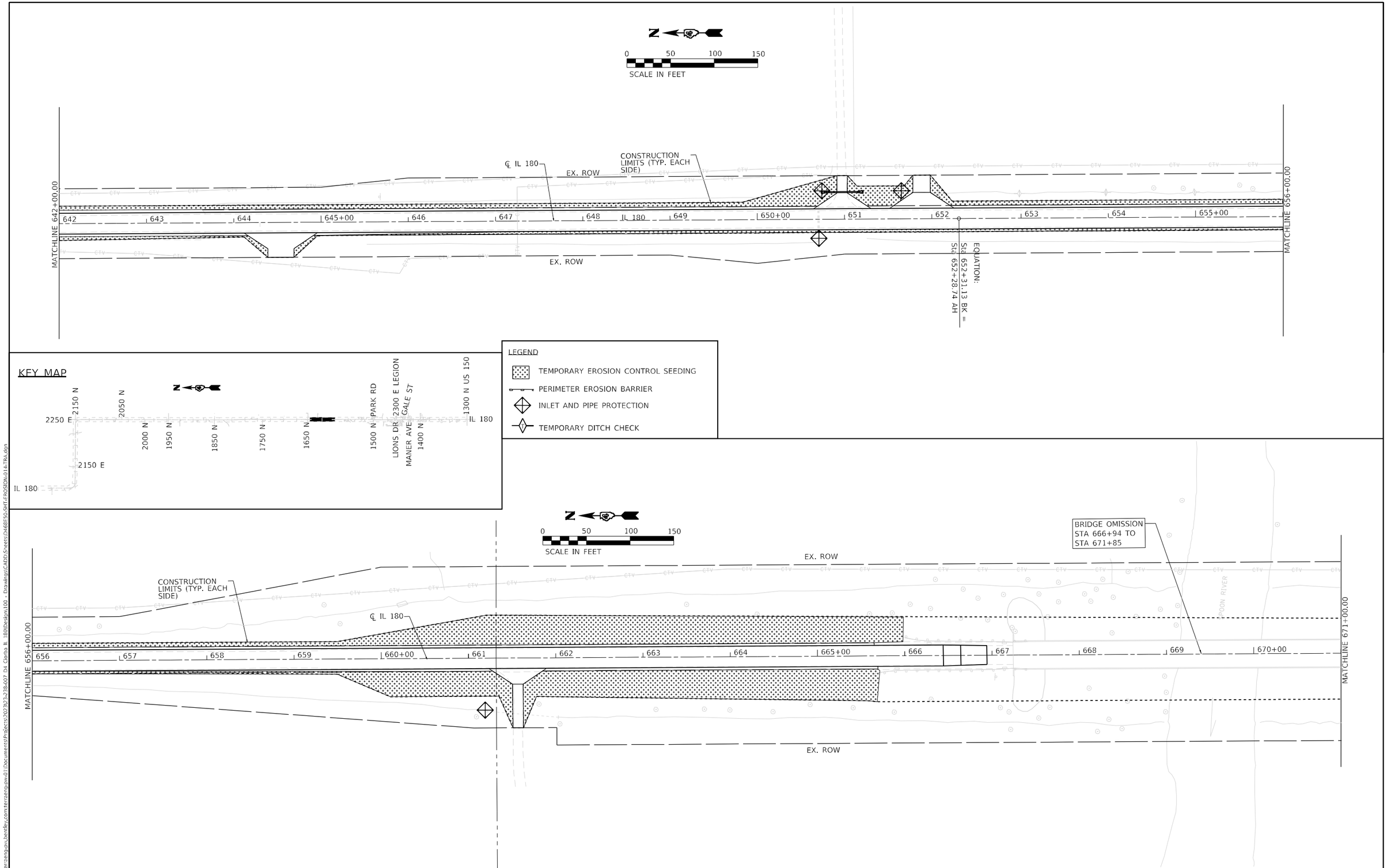

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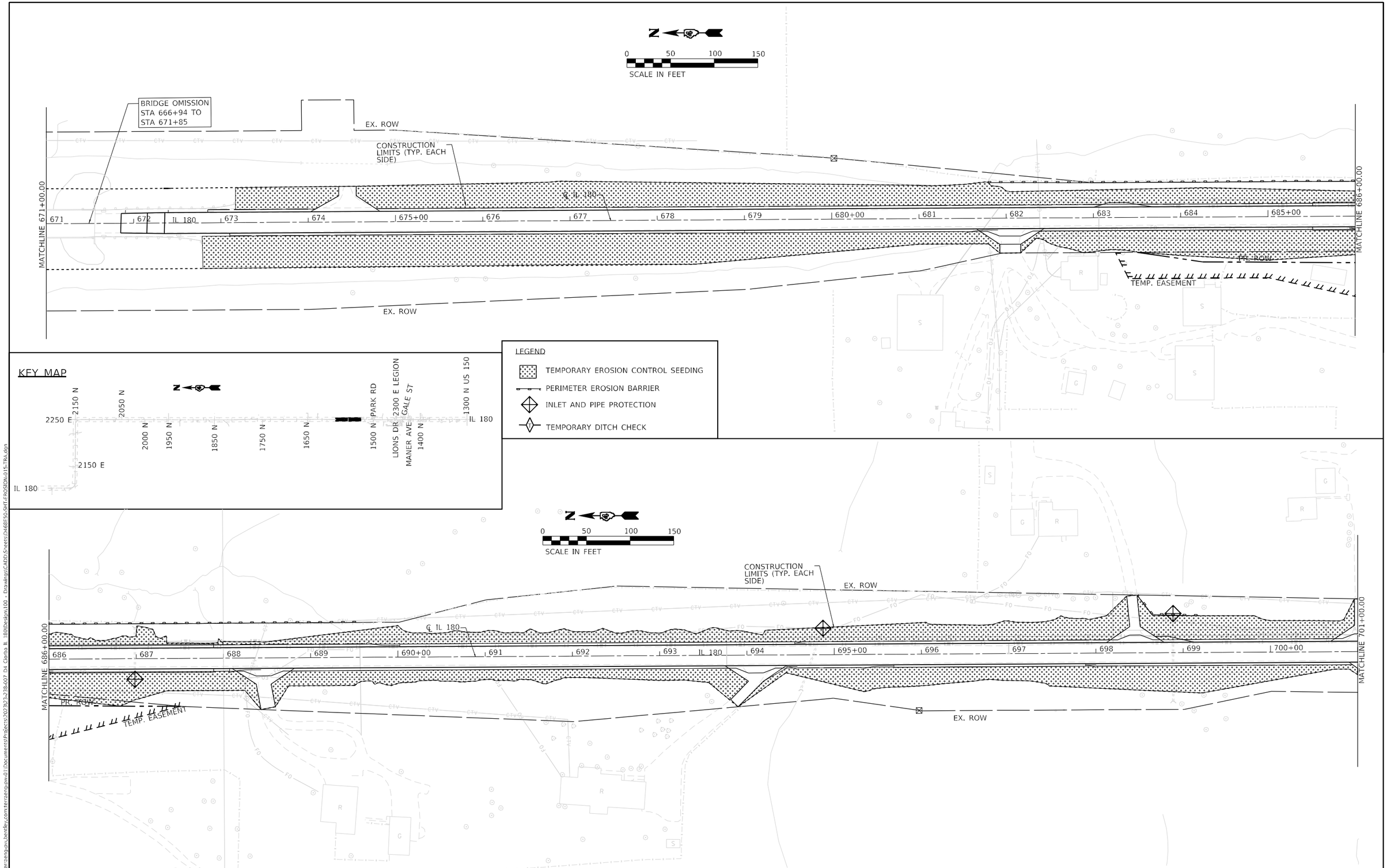
TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION & SEDIMENT CONTROL IL 180
		DRAWN - BAJ	REVISED -		
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -		
	PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -		SCALE: SHEET 14 OF 20 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	145
		CONTRACT NO. 68E50		
		ILLINOIS FED. AID PROJECT		

*110RS-5:(111,112,108X-1)W,RS-3



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TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION & SEDIMENT CONTROL IL 180
		DRAWN - BAJ	REVISED -		
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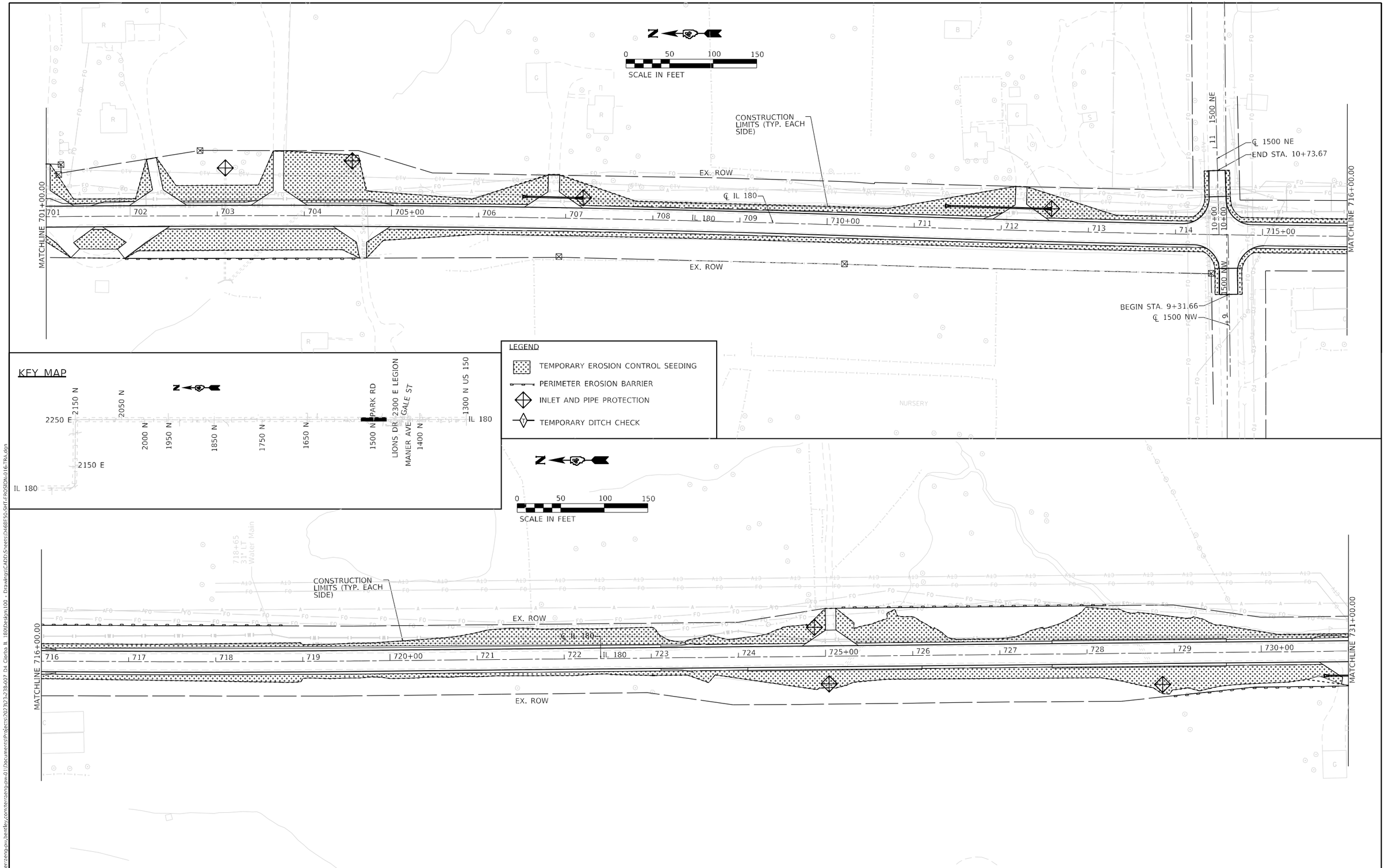
	PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -		SCALE: SHEET 15 OF 20 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	146
		CONTRACT NO. 68E50		
		ILLINOIS FED. AID PROJECT		

*110RS-5:(111,112,108X-1)W,RS-3



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TERRA ENGINEERING LTD.

USER NAME = TravisW	DESIGNED - BAJ	REVISED -	
	DRAWN - BAJ	REVISED -	
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PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL
IL 180

SCALE: | SHEET 16 OF 20 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	147

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3

LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK

0 50 100 150
SCALE IN FEET

℄ LEGION 2300 E
END STA. 10+63.66
CONSTRUCTION LIMITS (TYP. EACH SIDE)
℄ IL 180
EX. ROW
MATCHLINE 731+00.00
MATCHLINE 746+00.00
731 732 733 734 735+00 736 737 738 739 740+00 741 742 743 744 745+00
IL 180
10+00 LEGION 2300 E 11
19 N CHESTNUT
℄ N CHESTNUT
BEGIN STA. 9+26.17
℄ LIONS DR
BEGIN STA. 9+19.52
LIONS DRIVE 9

KEY MAP

2250 E
2150 N
2050 N
2150 E
2000 N
1950 N
1850 N
1750 N
1650 N
1500 N PARK RD
LIONS DR 2300 E LEGION
MANER AVE GALE ST
1400 N
1300 N US 150
IL 180

0 50 100 150
SCALE IN FEET

℄ E GALE ST
END STA. 10+76.24
11 E GALE ST
CONSTRUCTION LIMITS (TYP. EACH SIDE)
CONC
℄ IL 180
EX. ROW
MATCHLINE 746+00.00
MATCHLINE 12+00.00
746 747 748 0+00 1 2 IL 180 3 4 5+00 6 7 8 9 10+00 11
EQUATION:
Sta 748+29.62 BK =
Sta 0+00.00 AH
19 E GALE ST
BEGIN STA. 8+90.10
℄ E GALE ST
MANER AVE

MODEL: Default
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TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION & SEDIMENT CONTROL IL 180	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - BAJ	REVISED -			1195	*	KNOX	409 / 148
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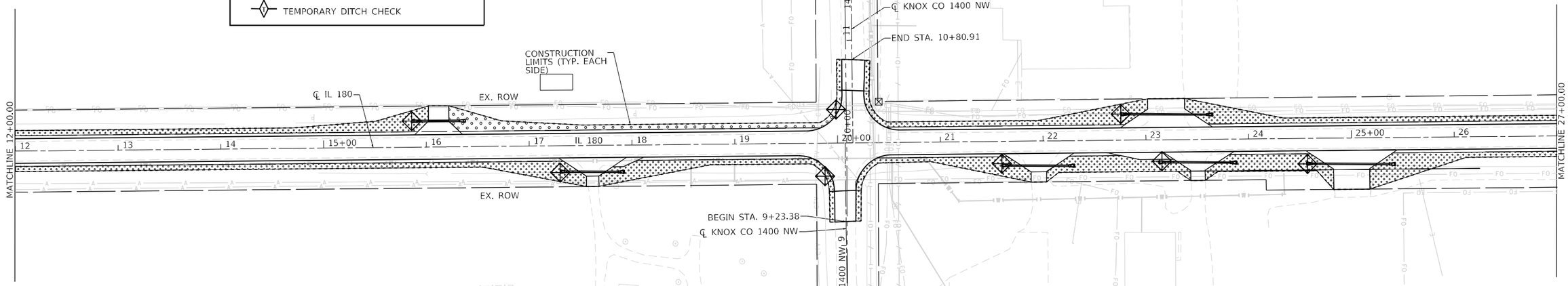
	PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -		SCALE: SHEET 17 OF 20 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT	

*110RS-5;(111,112,108X-1)W,RS-3

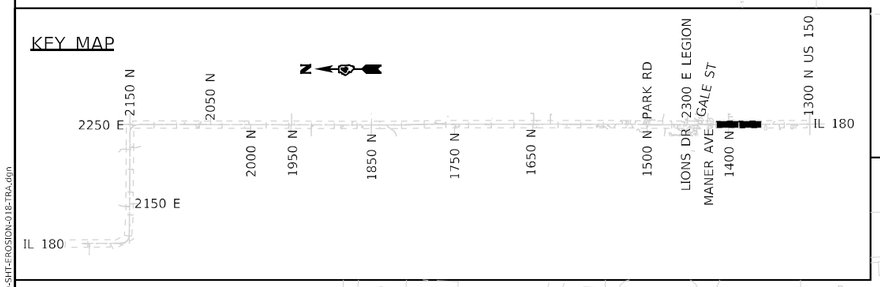
LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK

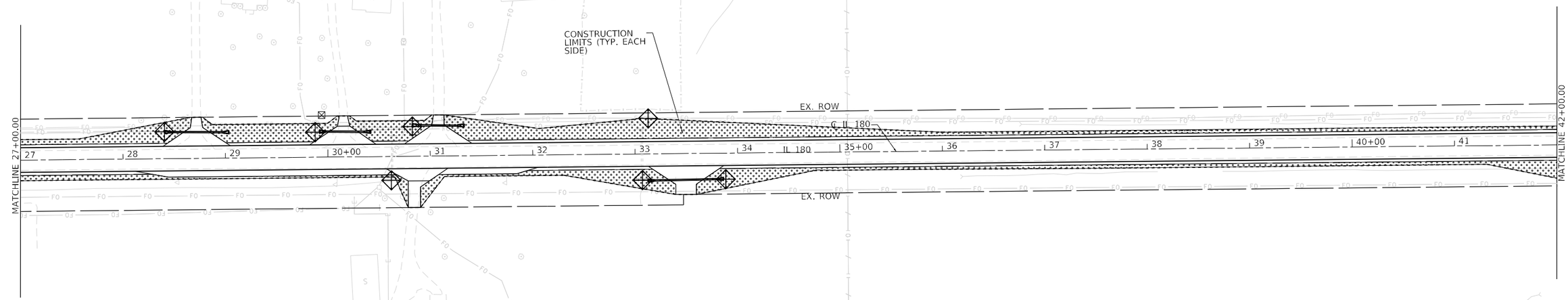
0 50 100 150
SCALE IN FEET



KEY MAP



0 50 100 150
SCALE IN FEET



TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION & SEDIMENT CONTROL IL 180
		DRAWN - BAJ	REVISED -		
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -		
	PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -		SCALE: SHEET 18 OF 20 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	149
		CONTRACT NO. 68E50		
		ILLINOIS FED. AID PROJECT		

*110RS-5;(111,112,108X-1)W,RS-3

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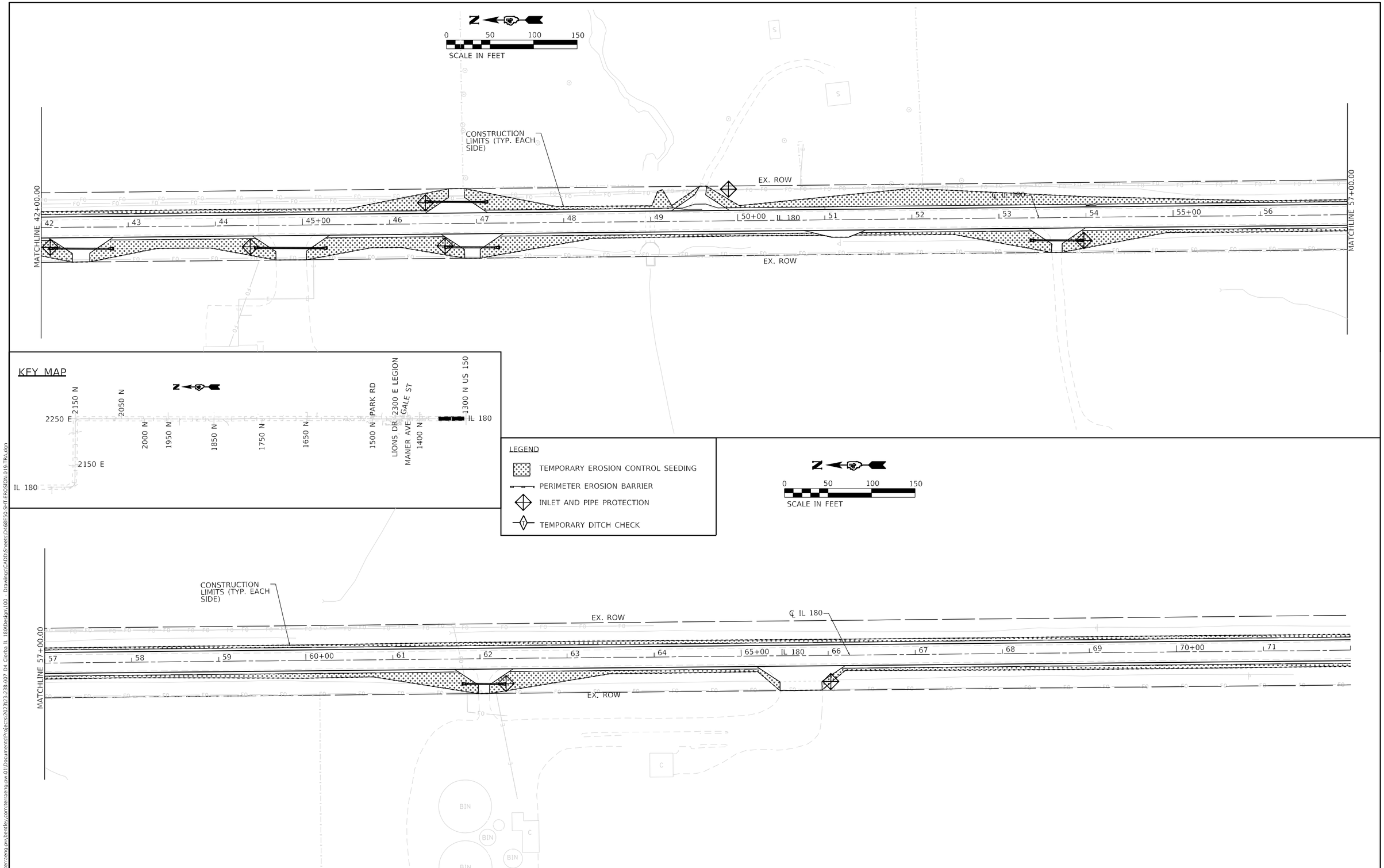

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TERRA ENGINEERING LTD.

USER NAME = TravisW	DESIGNED - BAJ	REVISED -	
	DRAWN - BAJ	REVISED -	
PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -	
PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL
IL 180

SCALE: | SHEET 19 OF 20 SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	150
		CONTRACT NO. 68E50		
	ILLINOIS	FED. AID PROJECT		

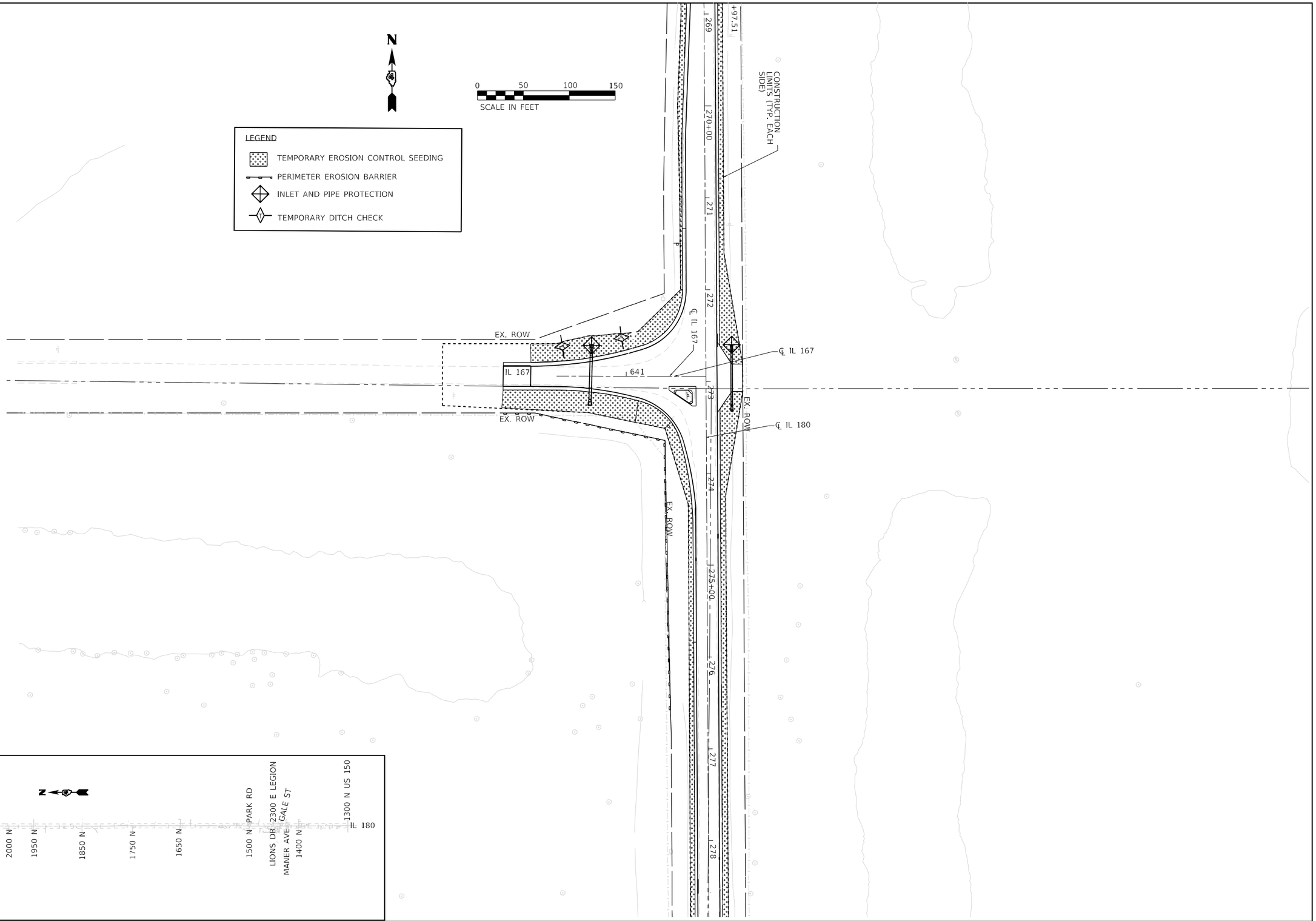
*110RS-5;(111,112,108X-1)W,RS-3

N

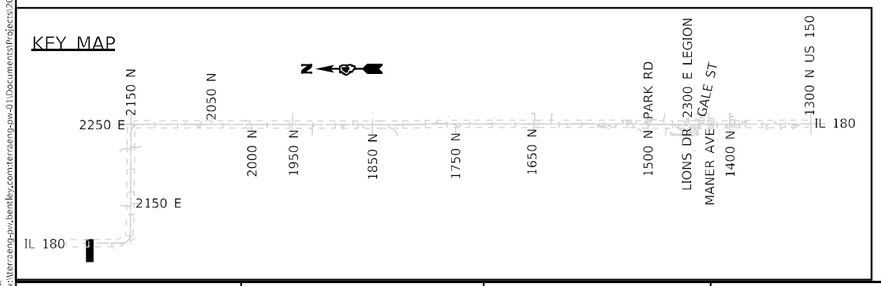
0 50 100 150
SCALE IN FEET

LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK



KEY MAP



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TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -
		DRAWN - BAJ	REVISED -
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -
	PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL
IL 180

SCALE: | SHEET 20 OF 20 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	151

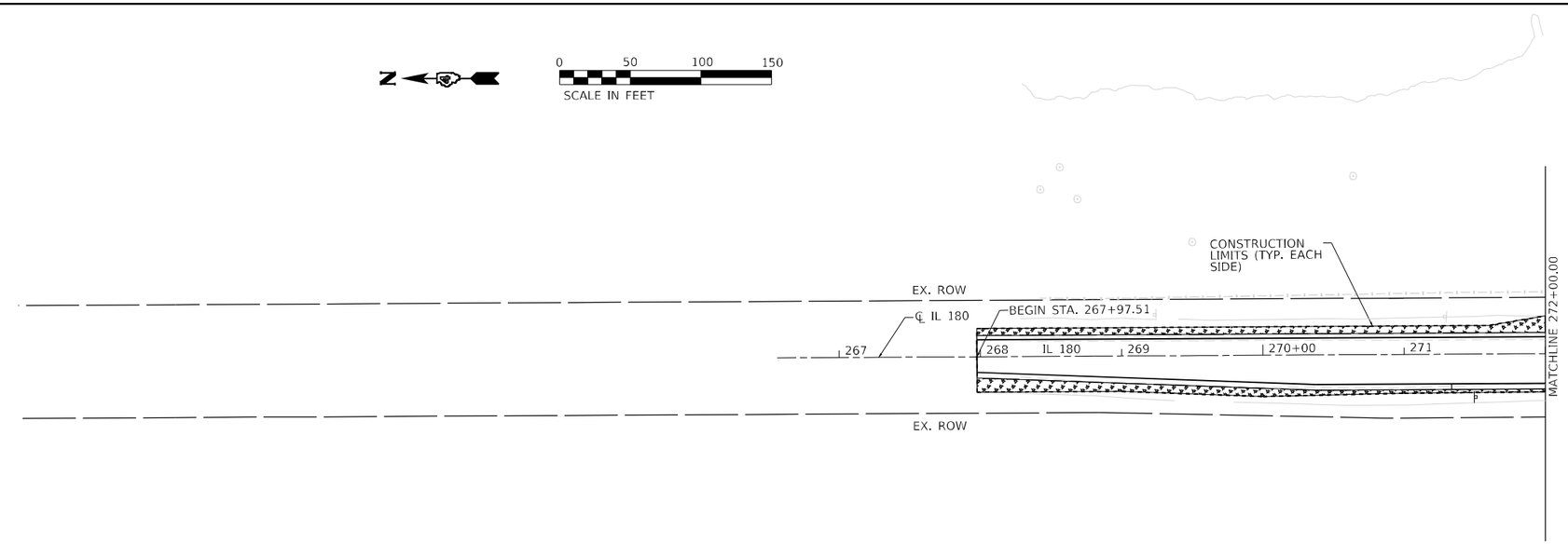
CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

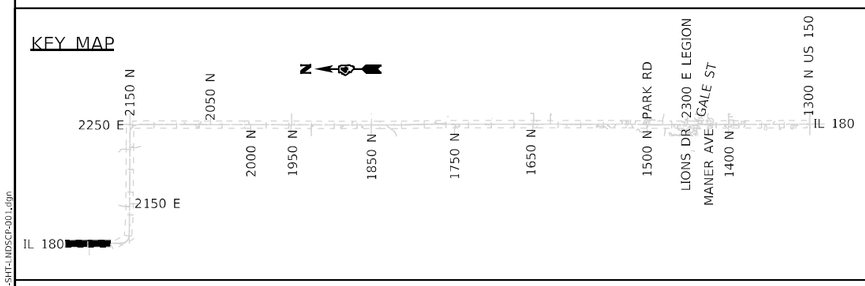
*110RS-5:(111,112,108X-1)W,RS-3

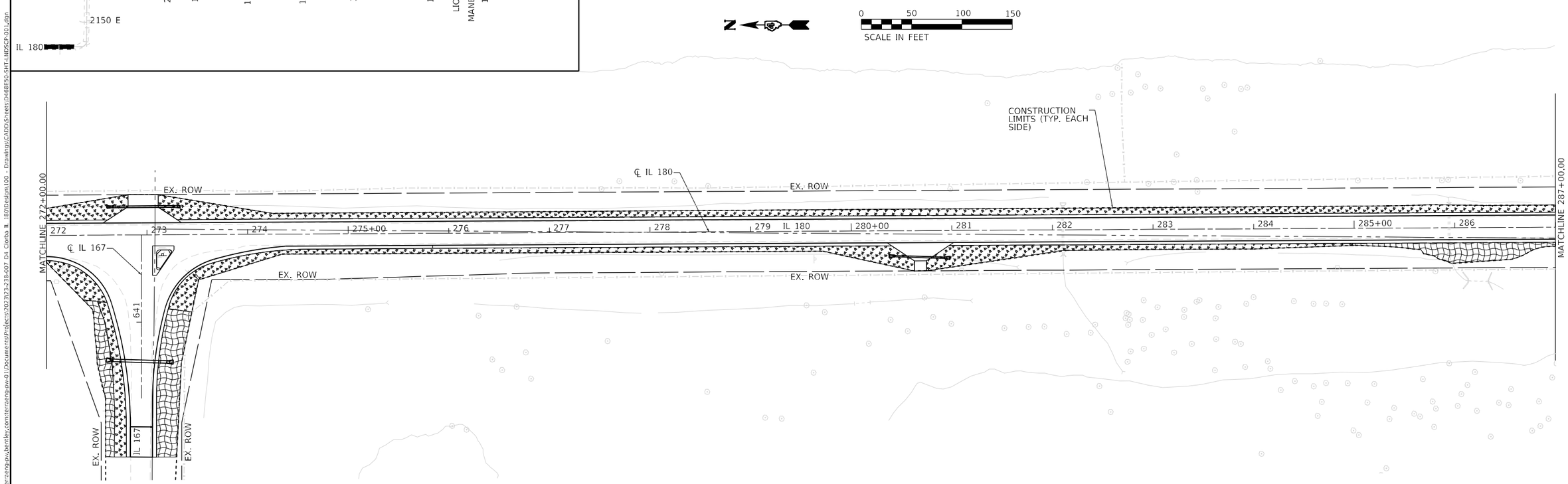
LEGEND

- EROSION CONTROL BLANKET
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- MULCH, METHOD 2
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- TURF REINFORCEMENT MAT
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT



KEY MAP





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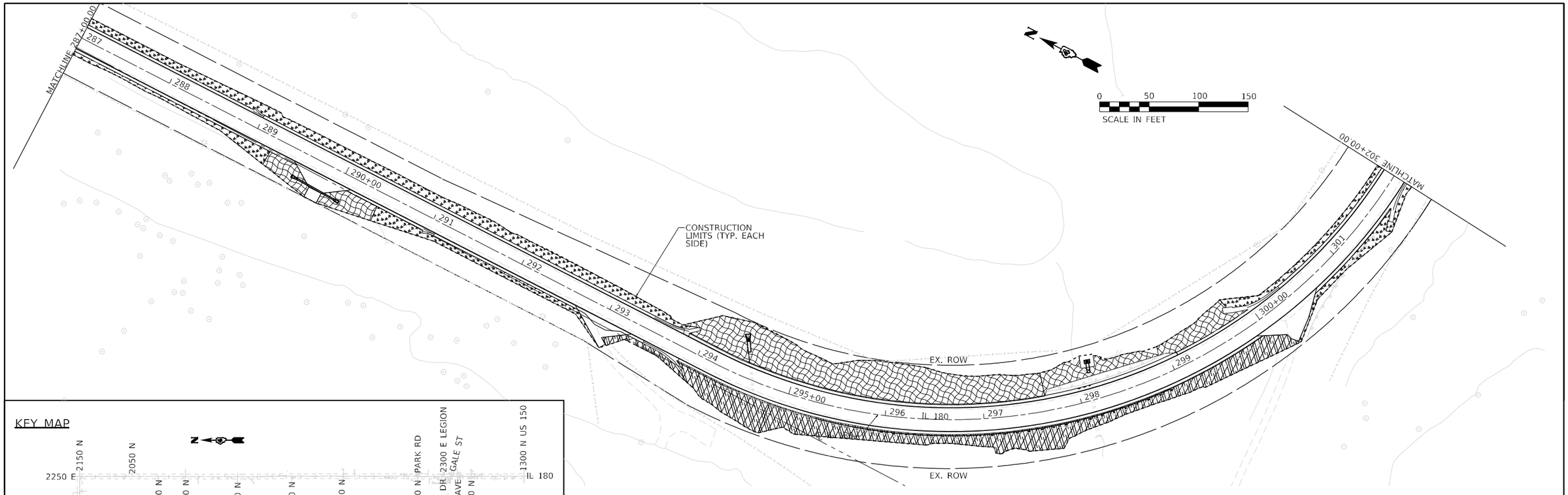
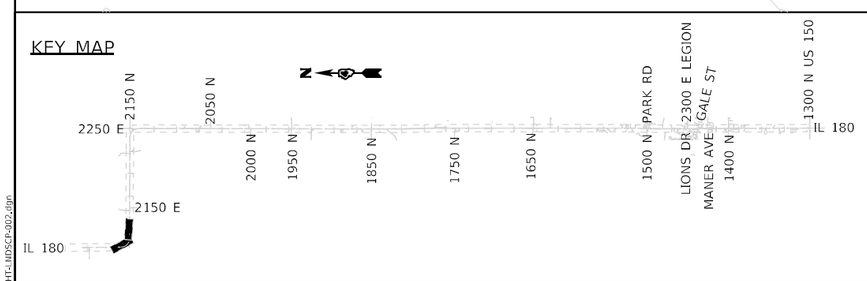
TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PERMANENT LANDSCAPING IL 180	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BAJ	REVISED -			1195	*	KNOX	409	152
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -			CONTRACT NO. 68E50				
	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -		SCALE: SHEET 1 OF 20 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT				

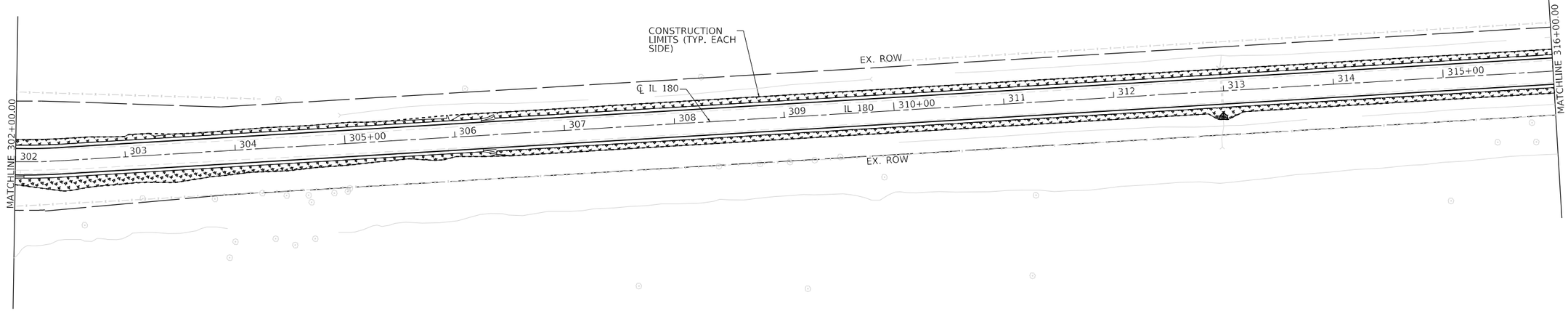
*110RS-5:(111,112,108X-1)W,RS-3





LEGEND

- EROSION CONTROL BLANKET
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- MULCH, METHOD 2
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- TURF REINFORCEMENT MAT
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT



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TERRA ENGINEERING LTD.

USER NAME = TravisW	DESIGNED - BAJ	REVISED -	
	DRAWN - BAJ	REVISED -	
PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -	
PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERMANENT LANDSCAPING
IL 180

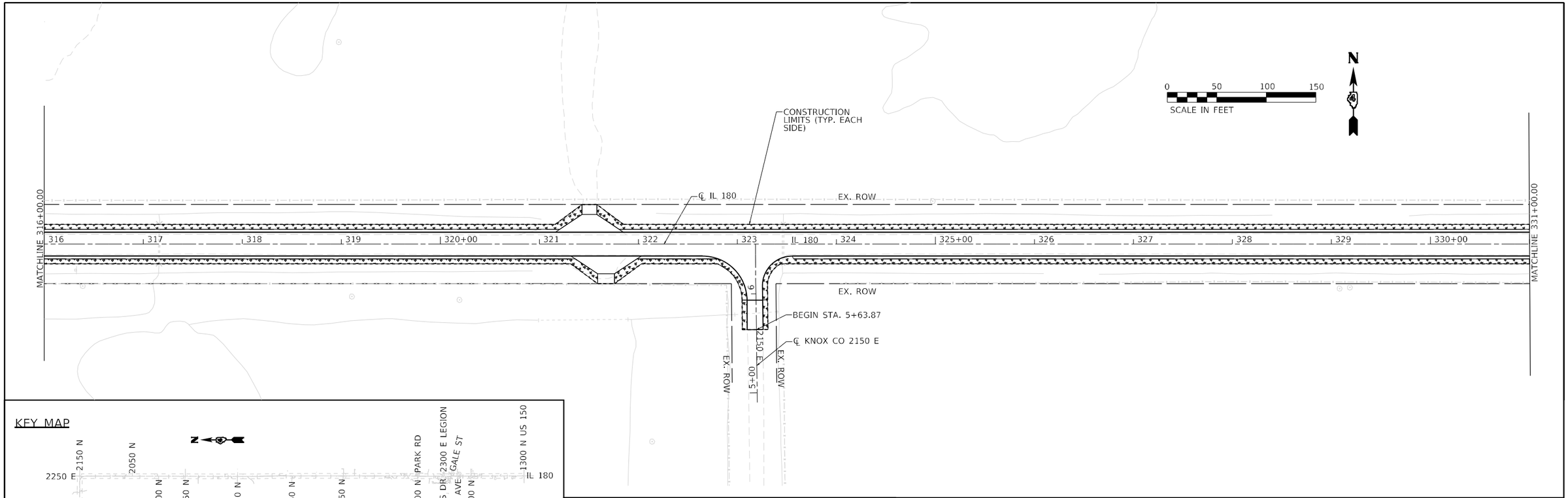
SCALE: | SHEET 2 OF 20 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	153

CONTRACT NO. 68E50

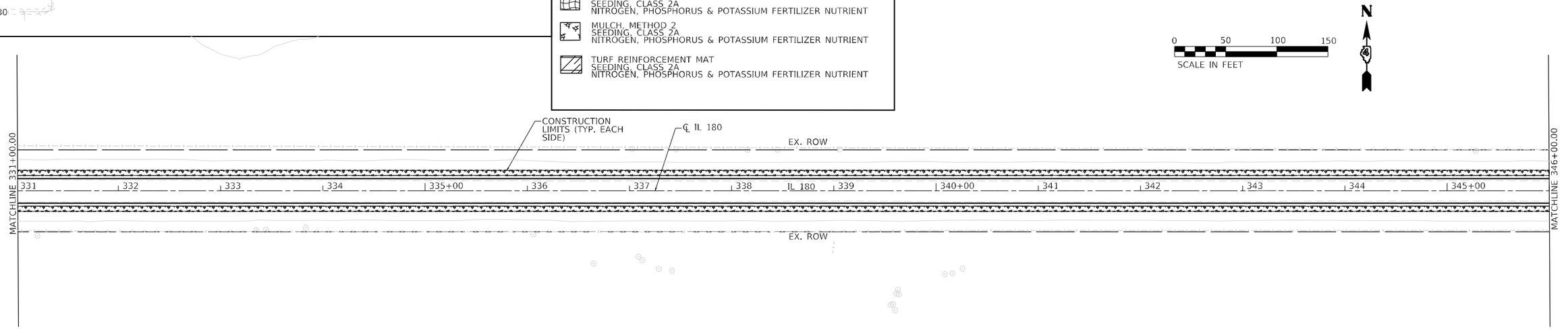
ILLINOIS | FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3



LEGEND

- EROSION CONTROL BLANKET
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- MULCH, METHOD 2
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- TURF REINFORCEMENT MAT
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT



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TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -
		DRAWN - BAJ	REVISED -
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -
	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -

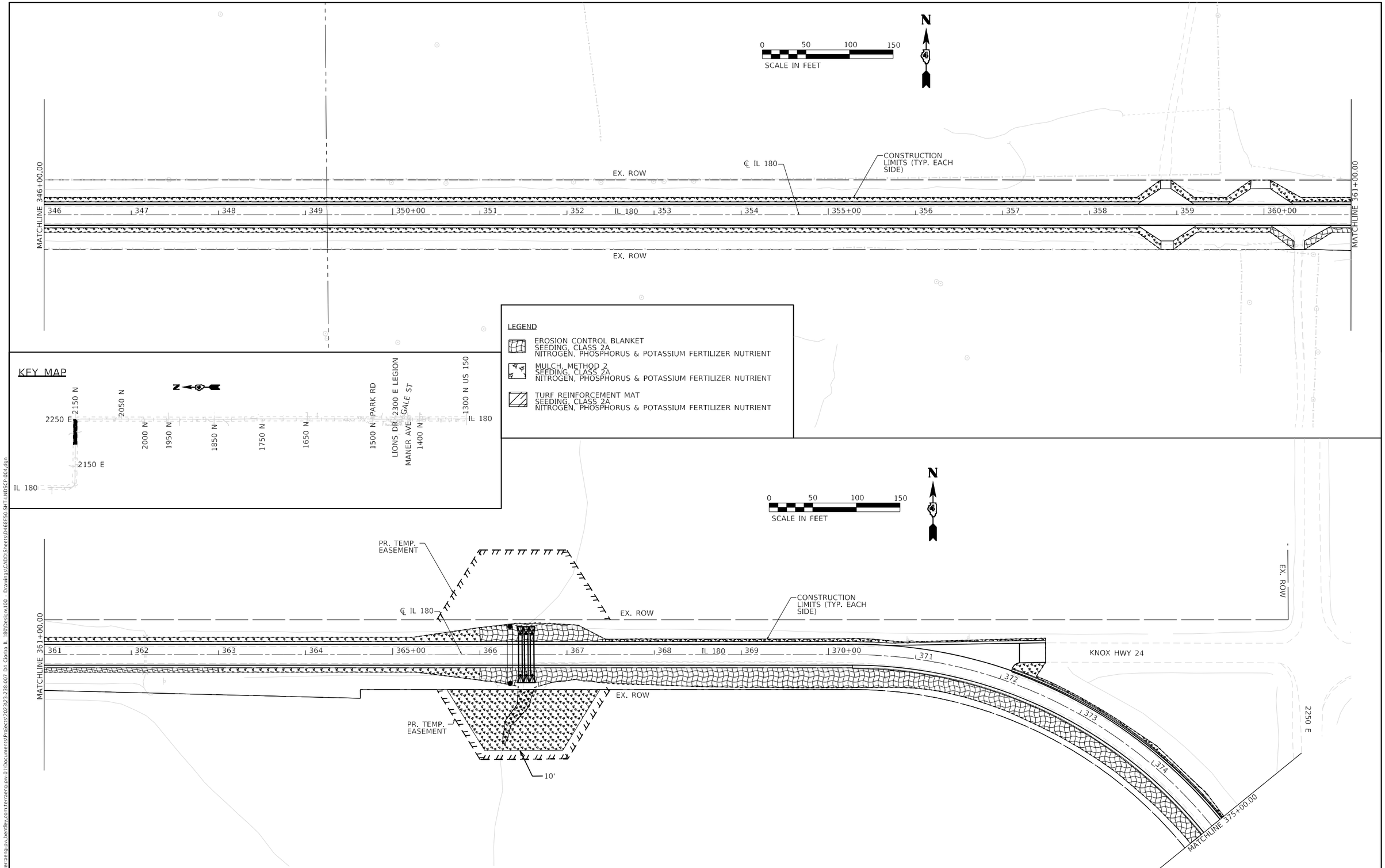
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERMANENT LANDSCAPING
IL 180

SCALE: | SHEET 3 OF 20 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	154
		CONTRACT NO. 68E50		
	ILLINOIS	FED. AID PROJECT		

*110RS-5:(111,112,108X-1)W,RS-3



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TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -
		DRAWN - BAJ	REVISED -
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	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -

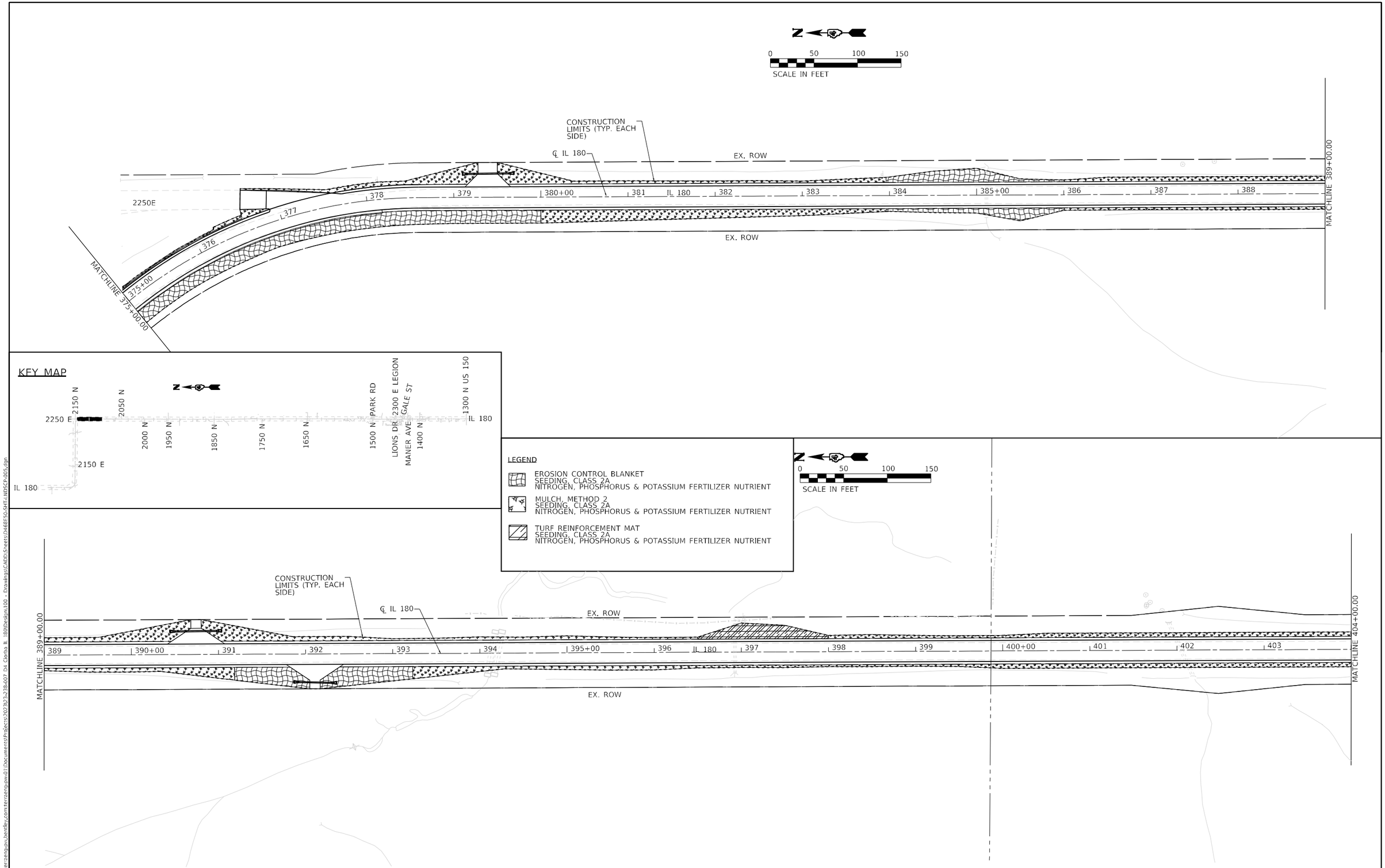
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERMANENT LANDSCAPING
IL 180

SCALE: | SHEET 4 OF 20 SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	155
		CONTRACT NO. 68E50		
		ILLINOIS FED. AID PROJECT		

*110RS-5:(111,112,108X-1)W,RS-3



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TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -
		DRAWN - BAJ	REVISED -
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	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -

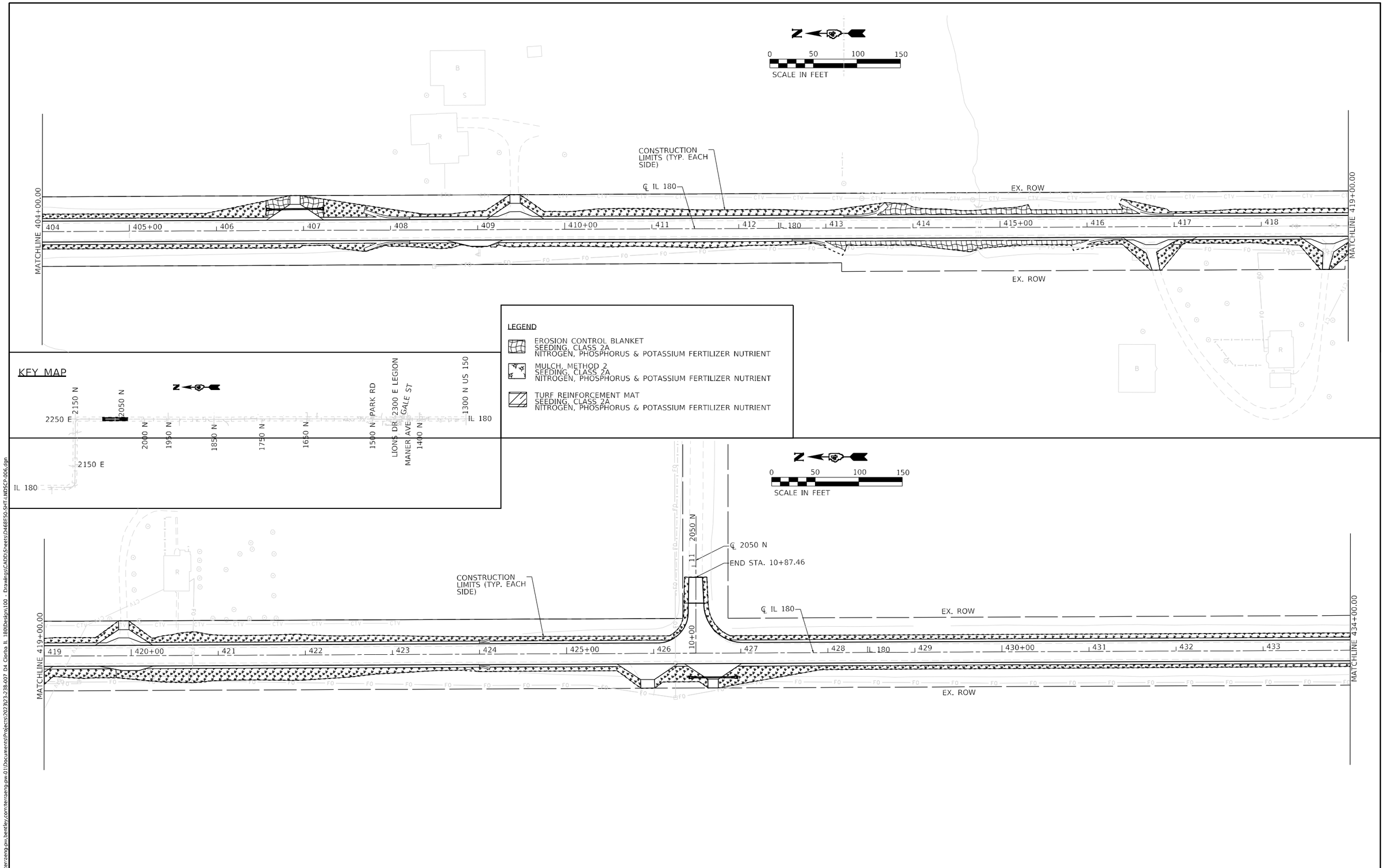
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERMANENT LANDSCAPING
IL 180

SCALE: | SHEET 5 OF 20 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	156
		CONTRACT NO. 68E50		
	ILLINOIS	FED. AID PROJECT		

*110RS-5:(111,112,108X-1)W,RS-3



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TERRA ENGINEERING LTD.

USER NAME = TravisW	DESIGNED - BAJ	REVISED -	
	DRAWN - BAJ	REVISED -	
PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -	
PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -	

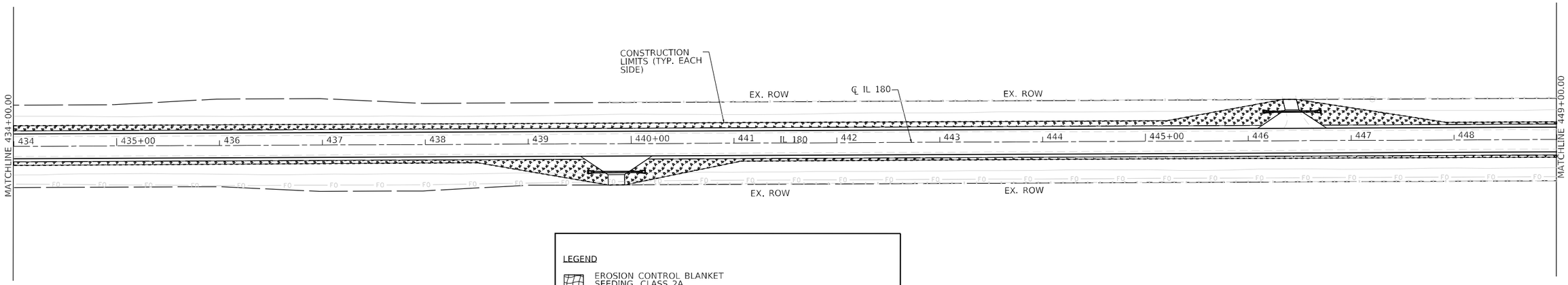
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERMANENT LANDSCAPING
IL 180

SCALE: | SHEET 6 OF 20 SHEETS | STA. TO STA.

F.A.B. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	157
		CONTRACT NO. 68E50		
		ILLINOIS FED. AID PROJECT		

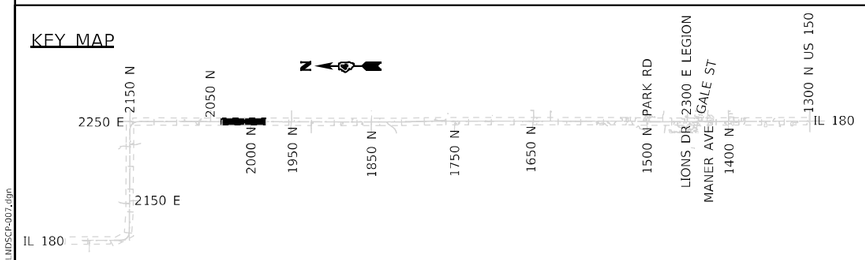
*110RS-5;(111,112,108X-1)W,RS-3

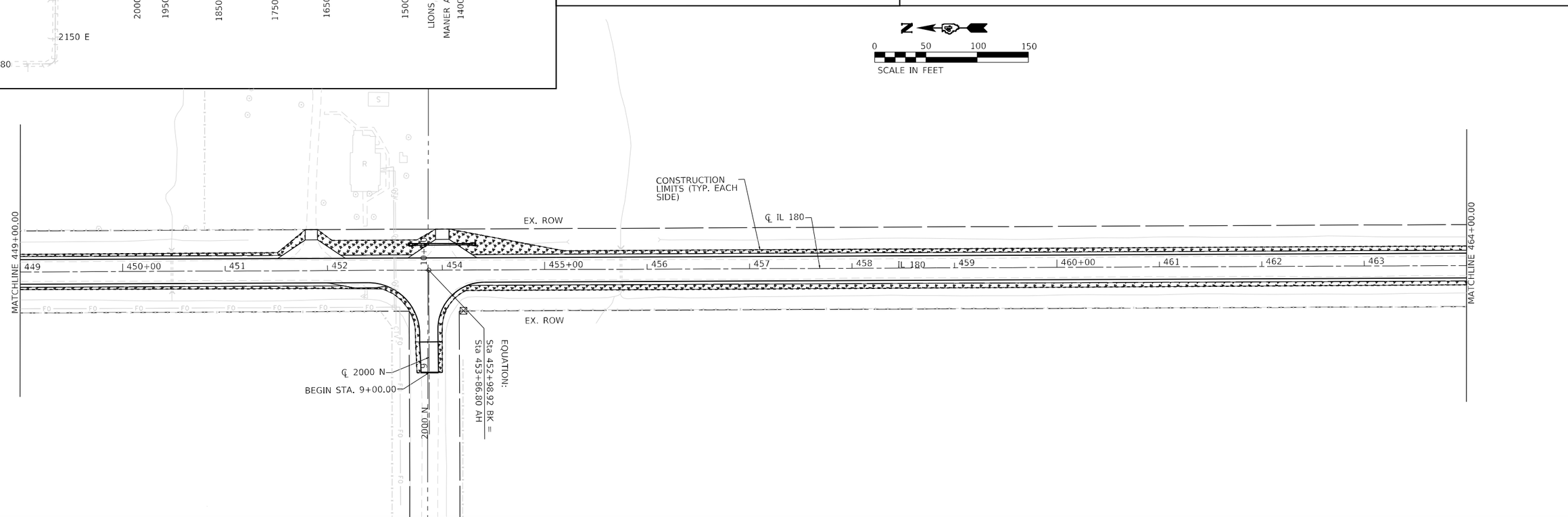


LEGEND

- EROSION CONTROL BLANKET
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- MULCH, METHOD 2
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- TURF REINFORCEMENT MAT
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT

KEY MAP





TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PERMANENT LANDSCAPING IL 180	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BAJ	REVISED -			1195	*	KNOX	409	158
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -			CONTRACT NO. 68E50				
	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -		SCALE: SHEET 7 OF 20 SHEETS STA. TO STA.	ILLINOIS	FED. AID PROJECT			

*110RS-5:(111,112,108X-1)W,RS-3

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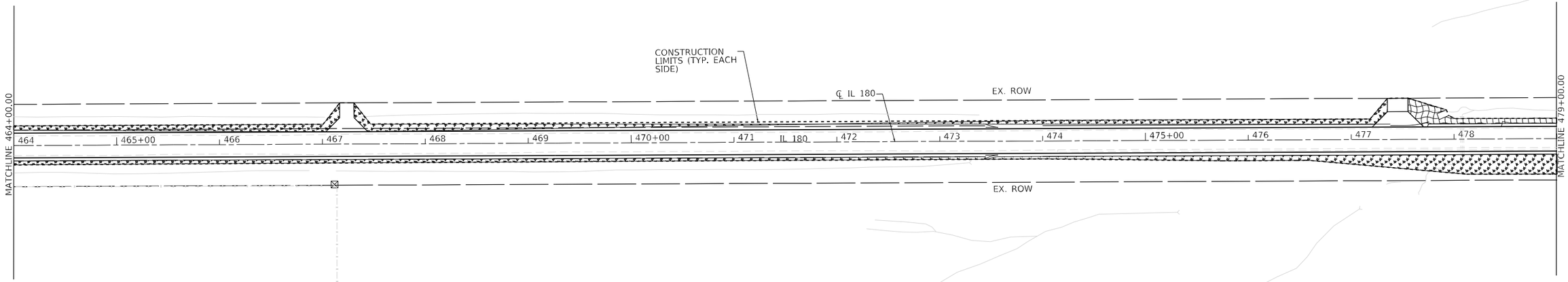
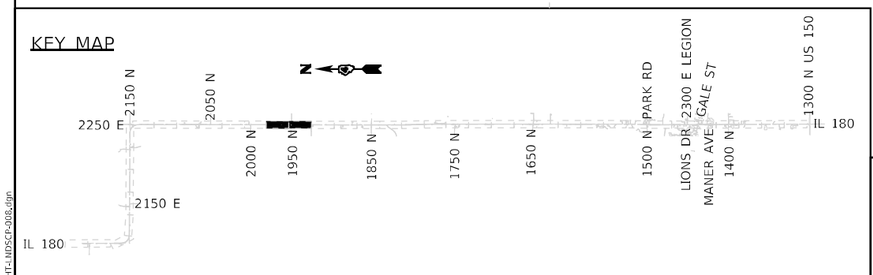
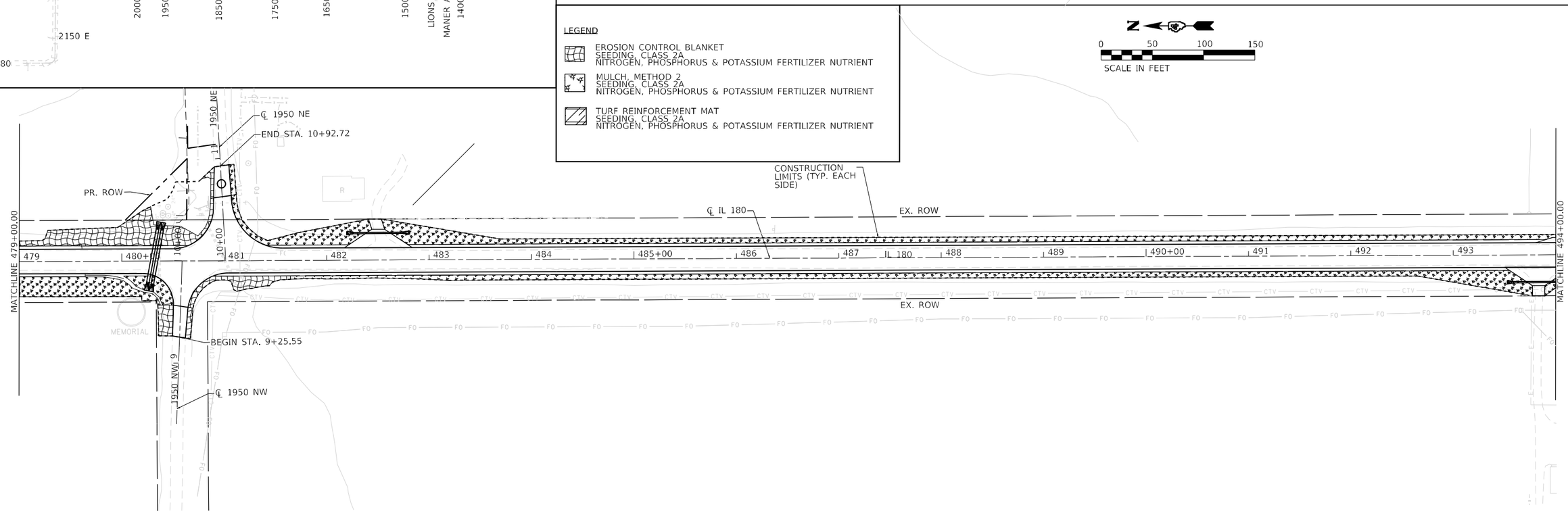




LEGEND

- EROSION CONTROL BLANKET
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- MULCH, METHOD 2
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- TURF REINFORCEMENT MAT
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT



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TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PERMANENT LANDSCAPING IL 180	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - BAJ	REVISED -			1195	*	KNOX	409 / 159
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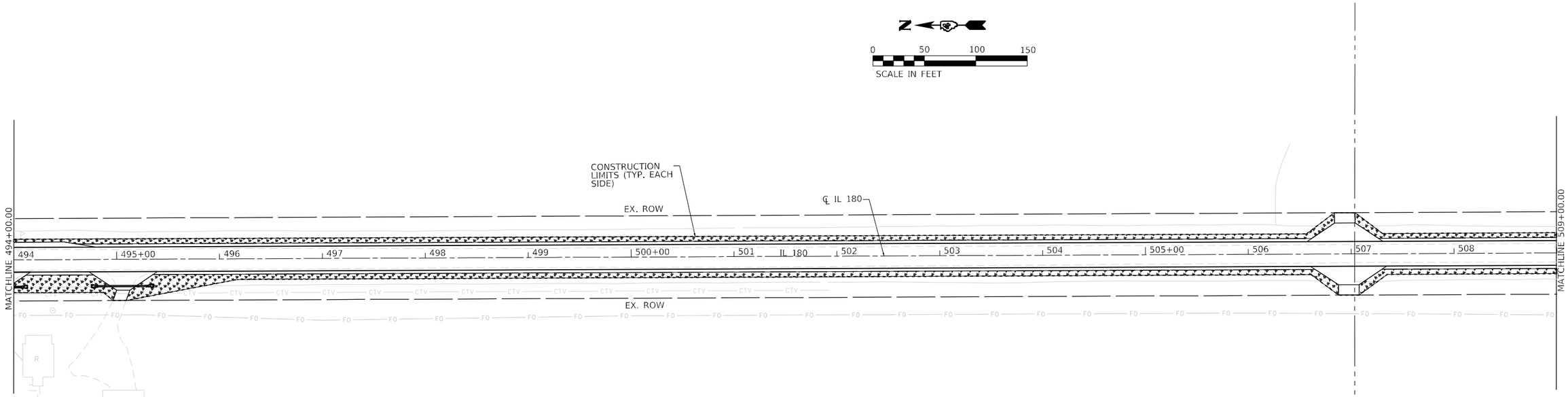
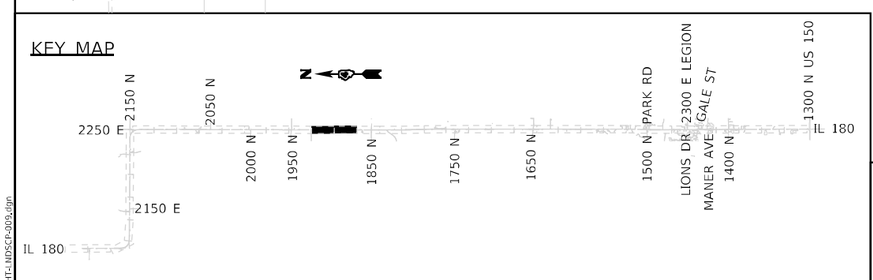
	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -		SCALE: SHEET 8 OF 20 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	

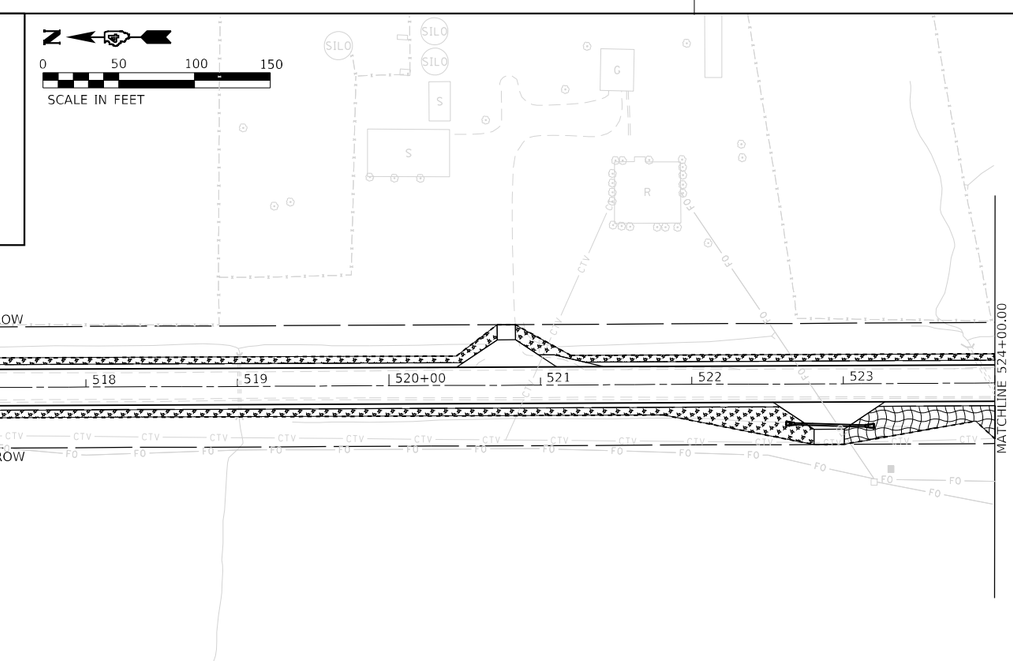
*110RS-5;(111,112,108X-1)W,RS-3





LEGEND

- EROSION CONTROL BLANKET
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- MULCH, METHOD 2
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- TURF REINFORCEMENT MAT
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT



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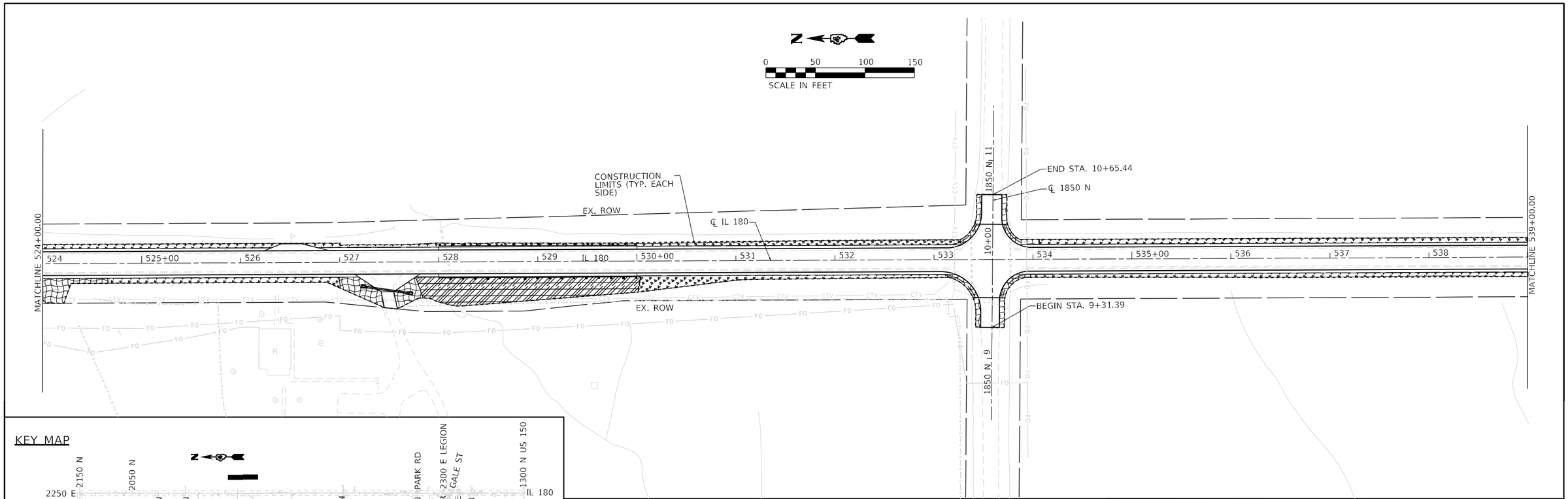
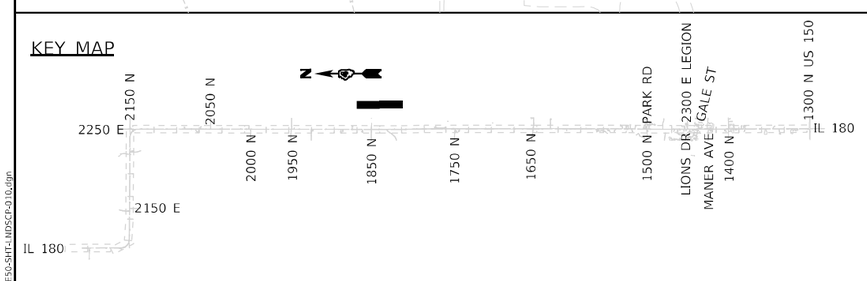
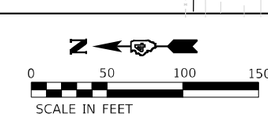
TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PERMANENT LANDSCAPING IL 180	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - BAJ	REVISED -			1195	*	KNOX	409 / 160
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -					CONTRACT NO. 68E50	
	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -		SCALE: SHEET 9 OF 20 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	

*110RS-5:(111,112,108X-1)W,RS-3

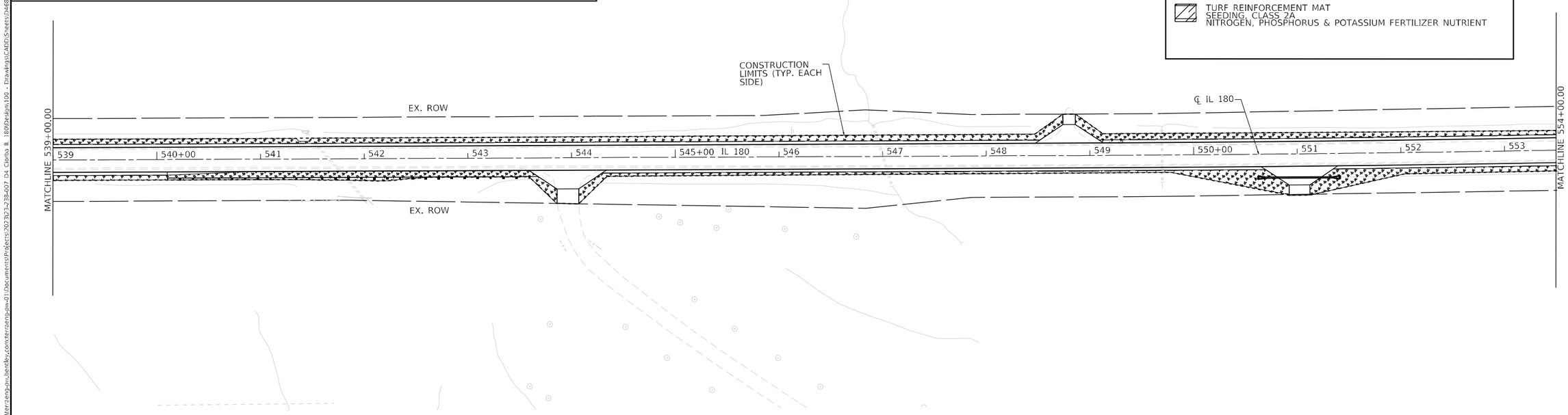






LEGEND

- EROSION CONTROL BLANKET
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- MULCH, METHOD 2
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- TURF REINFORCEMENT MAT
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT



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TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PERMANENT LANDSCAPING IL 180	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - BAJ	REVISED -			1195	*	KNOX	409 / 161
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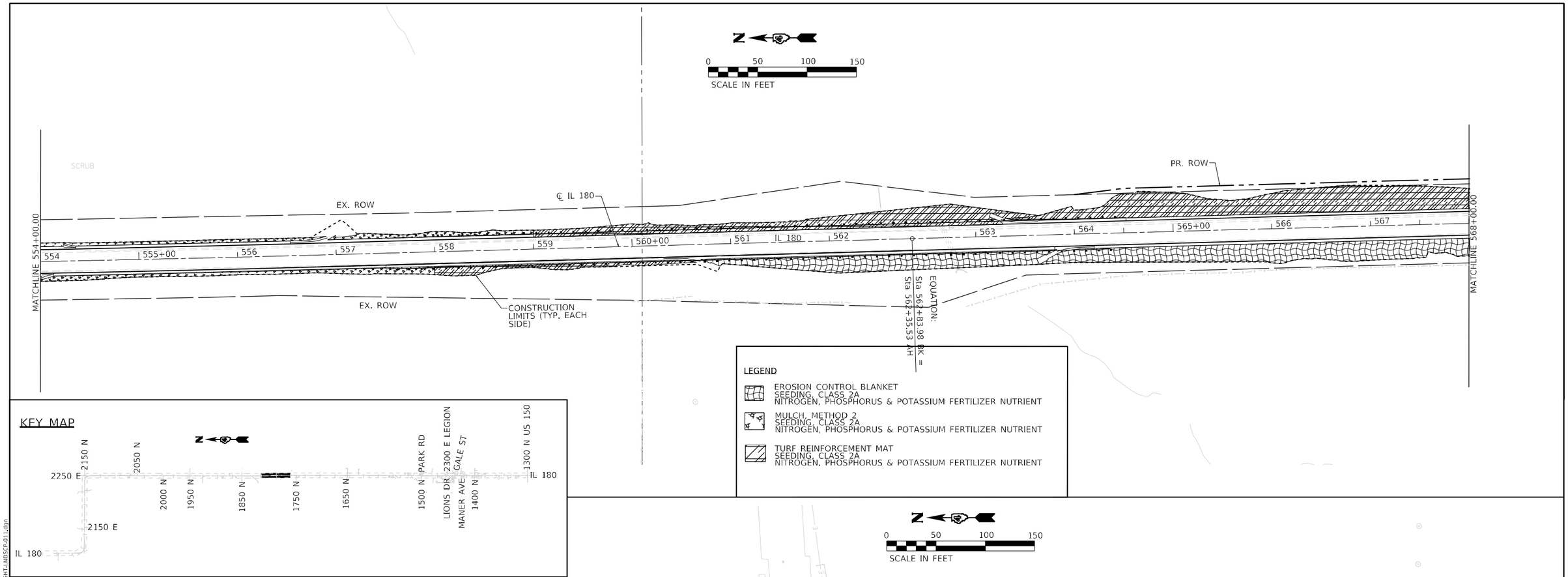
	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -		SCALE: SHEET 10 OF 20 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	

*110RS-5;(111,112,108X-1)W,RS-3



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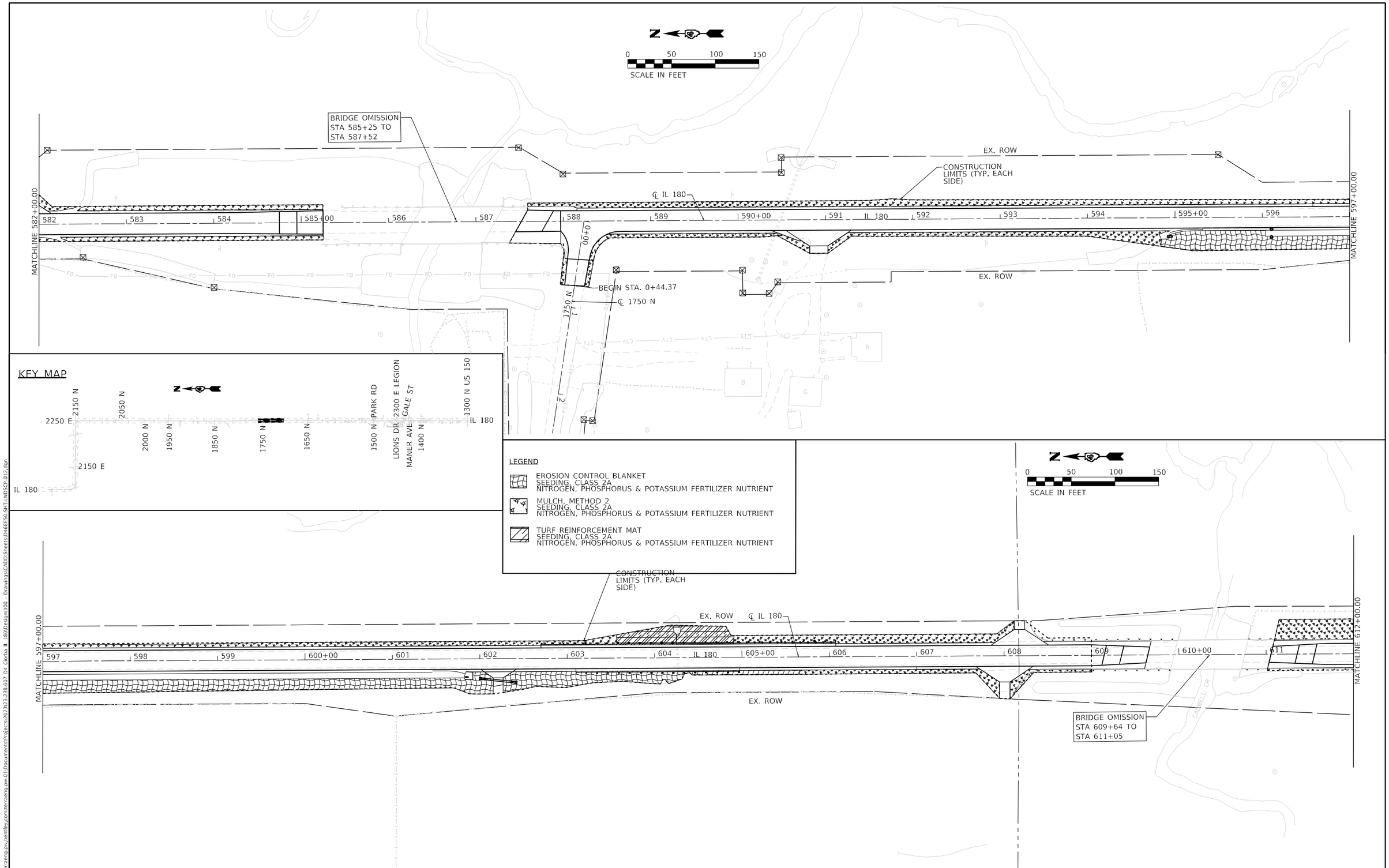
TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PERMANENT LANDSCAPING IL 180	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - BAJ	REVISED -			1195	*	KNOX	409 / 162
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -					CONTRACT NO. 68E50	
	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -		SCALE: SHEET 11 OF 20 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	

*110RS-5;(111,112,108X-1)W,RS-3



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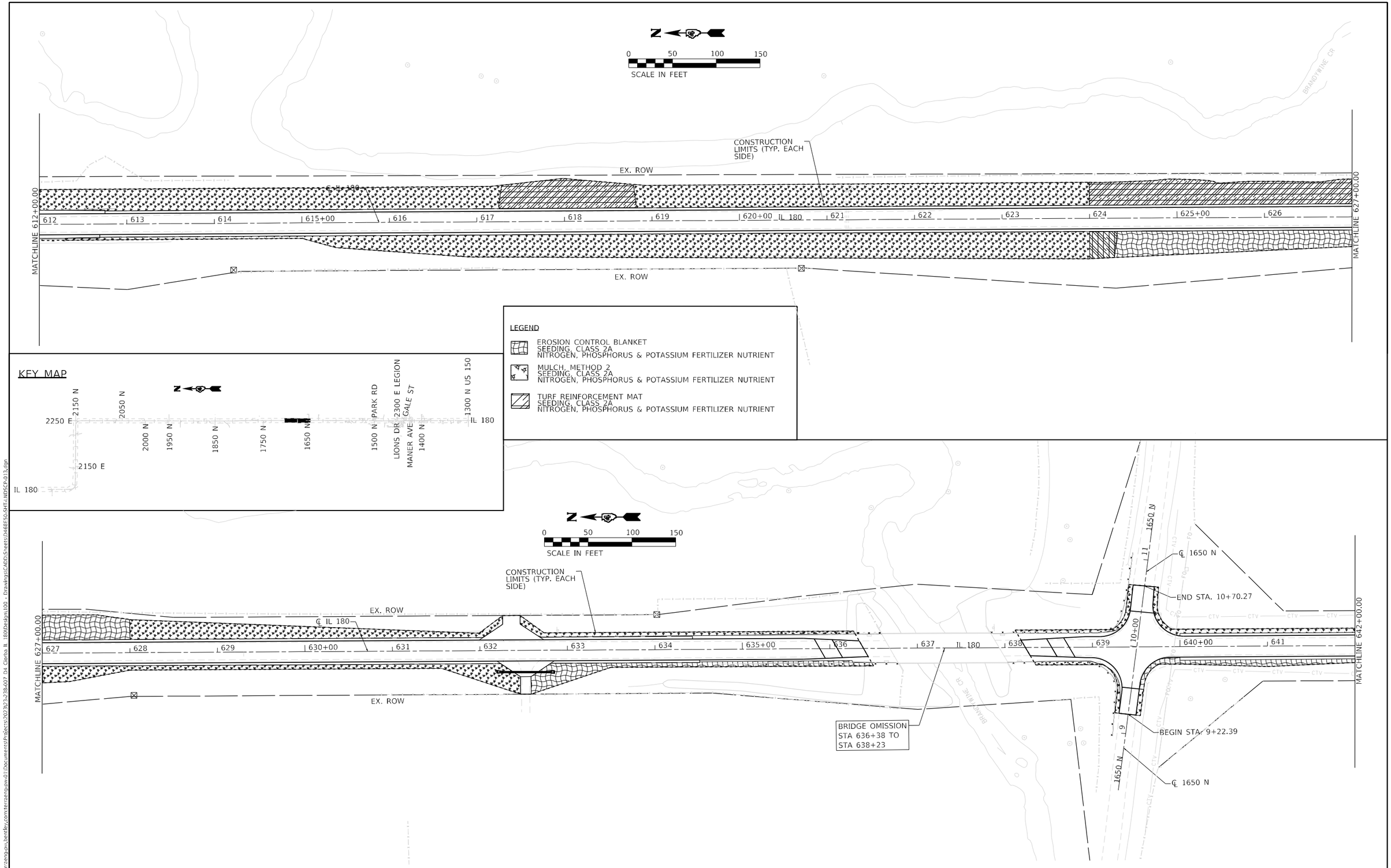
TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PERMANENT LANDSCAPING IL 180	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BAJ	REVISED -			1195	*	KNOX	409	163
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -					CONTRACT NO. 68E50		
	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -		SCALE: SHEET 12 OF 20 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT		

*110RS-5;(111,112,108X-1)W,RS-3



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	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -

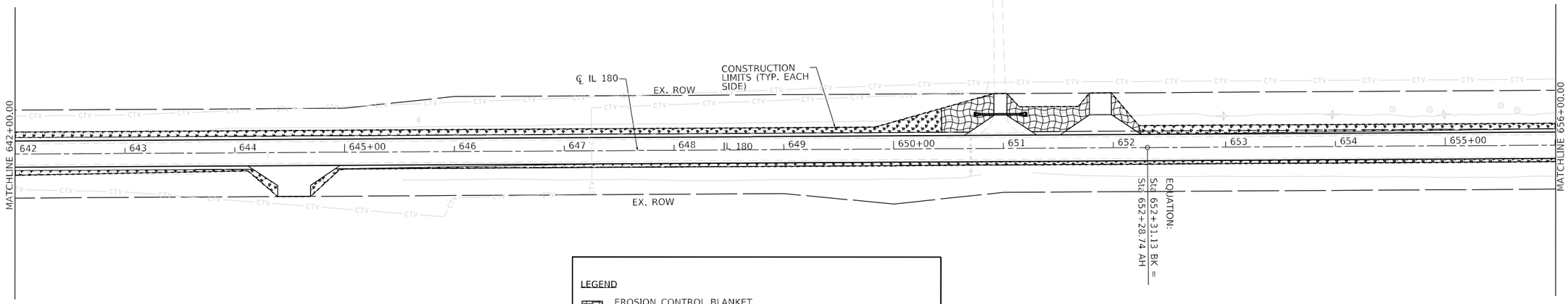
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

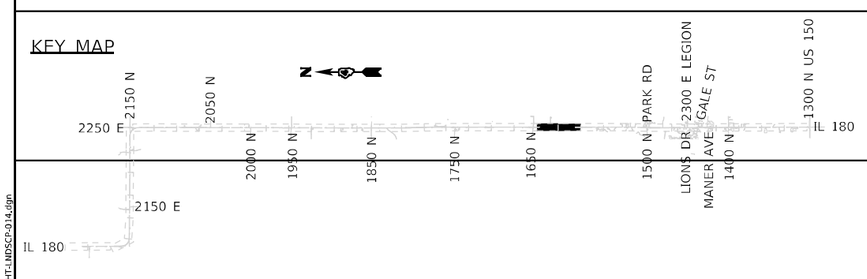
PERMANENT LANDSCAPING
IL 180

SCALE: | SHEET 13 OF 20 SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	164
		CONTRACT NO. 68E50		
		ILLINOIS FED. AID PROJECT		

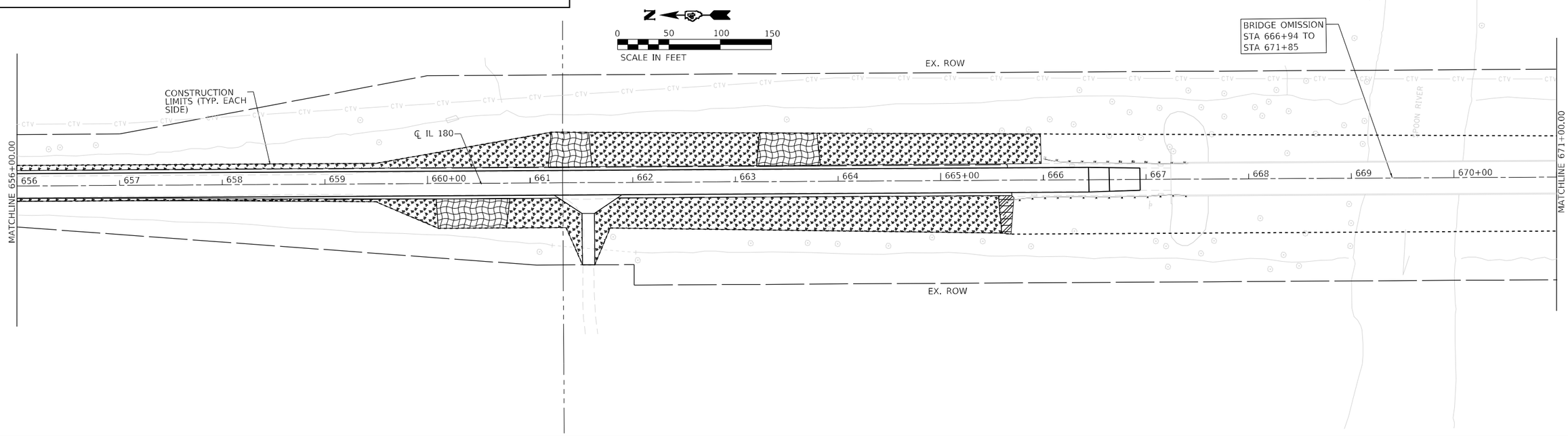
*110RS-5:(111,112,108X-1)W,RS-3





LEGEND

- EROSION CONTROL BLANKET
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- MULCH, METHOD 2
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- TURF REINFORCEMENT MAT
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT



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	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -					CONTRACT NO. 68E50	
	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -		SCALE: SHEET 14 OF 20 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	

*110RS-5;(111,112,108X-1)W,RS-3

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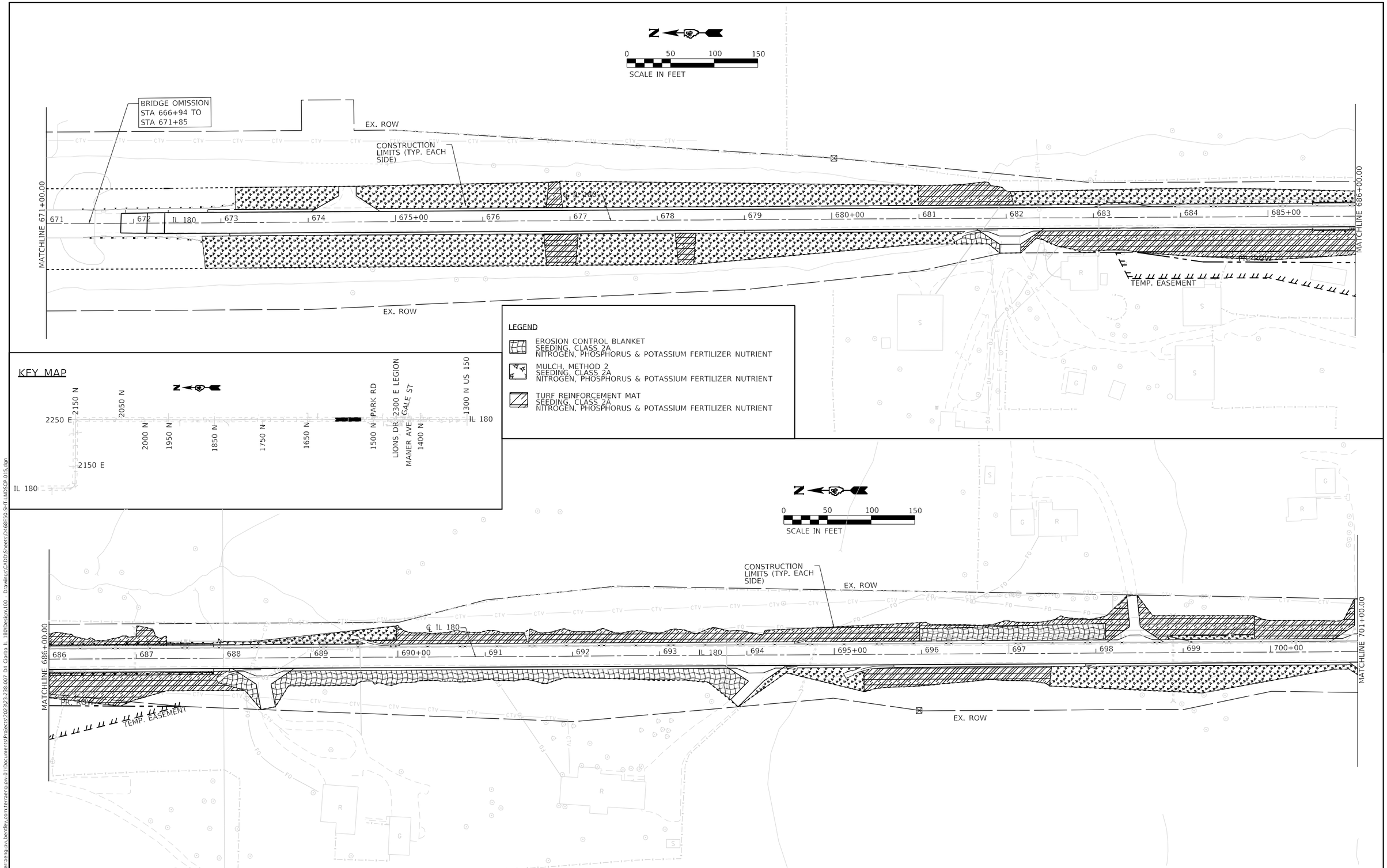

TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -
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	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERMANENT LANDSCAPING
IL 180

SCALE: SHEET 15 OF 20 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	166
		CONTRACT NO. 68E50		
		ILLINOIS FED. AID PROJECT		

*110RS-5;(111,112,108X-1)W,RS-3

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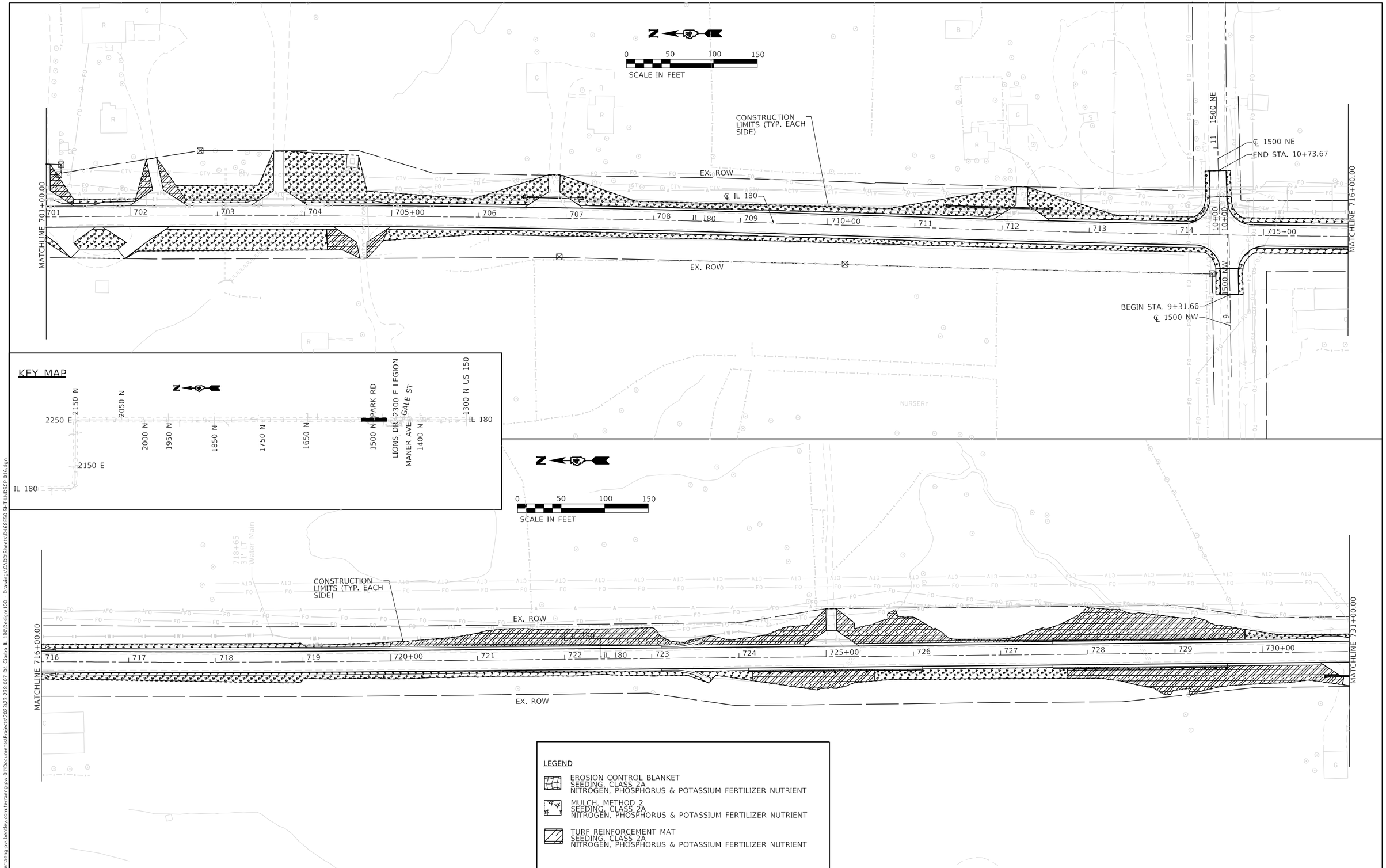

LEGEND

- EROSION CONTROL BLANKET
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- MULCH, METHOD 2
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- TURF REINFORCEMENT MAT
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT

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TERRA ENGINEERING LTD.

USER NAME = TravisW	DESIGNED - BAJ	REVISED -	
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PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -	
PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERMANENT LANDSCAPING
IL 180

SCALE: SHEET 16 OF 20 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	167
		CONTRACT NO. 68E50		
		ILLINOIS FED. AID PROJECT		

*110RS-5;(111,112,108X-1)W,RS-3

LEGEND

- EROSION CONTROL BLANKET
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- MULCH, METHOD 2
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- TURF REINFORCEMENT MAT
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT

0 50 100 150
SCALE IN FEET

℄ LEGION 2300 E

END STA. 10+63.66

CONSTRUCTION LIMITS (TYP. EACH SIDE)

℄ IL 180

EX. ROW

MATCHLINE 731+00.00

731 732 733 734 735+00 736 737 738 IL 180 739 740+00 741 742 743 744 745+00

MATCHLINE 746+00.00

℄ N CHESTNUT

BEGIN STA. 9+26.17

℄ LIONS DR

BEGIN STA. 9+19.52

LIONS DRIVE 9

KEY MAP

2250 E 2150 N 2050 N 2000 N 1950 N 1850 N 1750 N 1650 N 1500 N PARK RD LIONS DR 2300 E LEGION MANER AVE GALE ST 1400 N 1300 N US 150 IL 180

2150 E

IL 180

0 50 100 150
SCALE IN FEET

℄ E GALE ST

END STA. 10+76.24

CONSTRUCTION LIMITS (TYP. EACH SIDE)

CONC

℄ IL 180

MATCHLINE 746+00.00

746 747 748 10+00 1 2 IL 180 3 4 5+00 6 7 8 9 10+00 11

EX. ROW

MATCHLINE 12+00.00

MANER AVE

E GALE ST

EQUATION:
Sta 748+29.62 BK =
Sta 0+00.00 AH

BEGIN STA. 8+90.10

℄ E GALE ST

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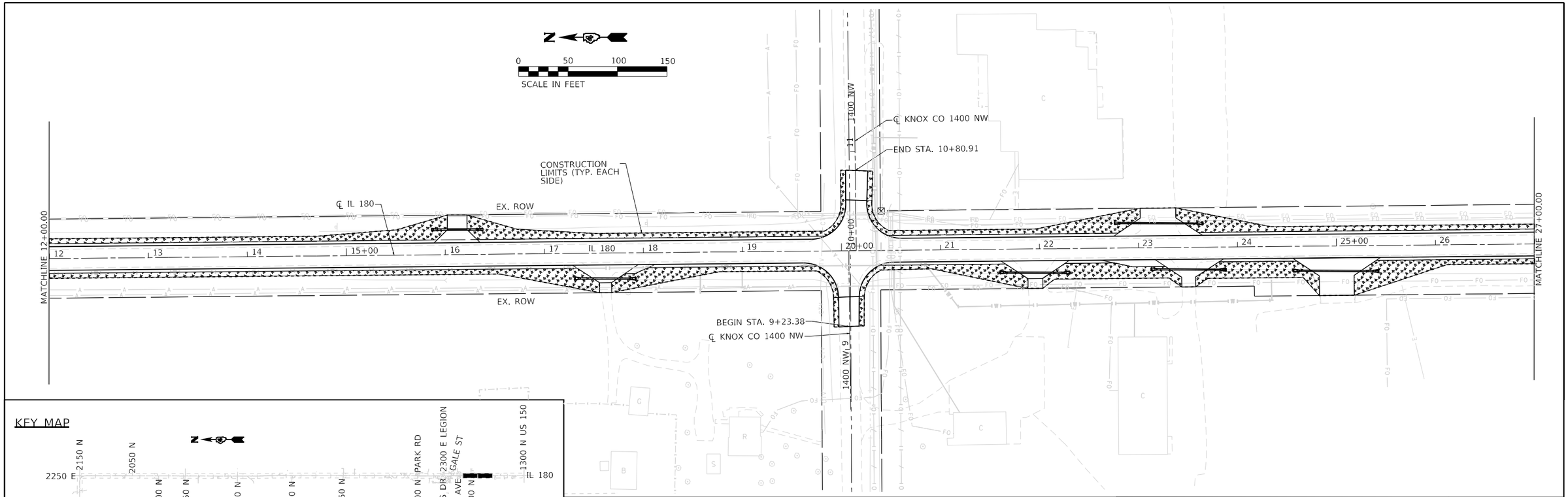
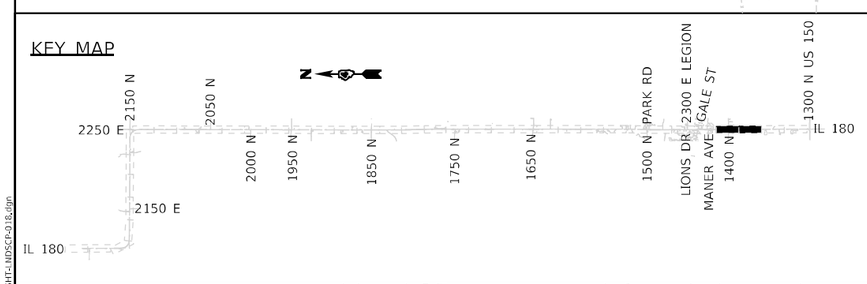
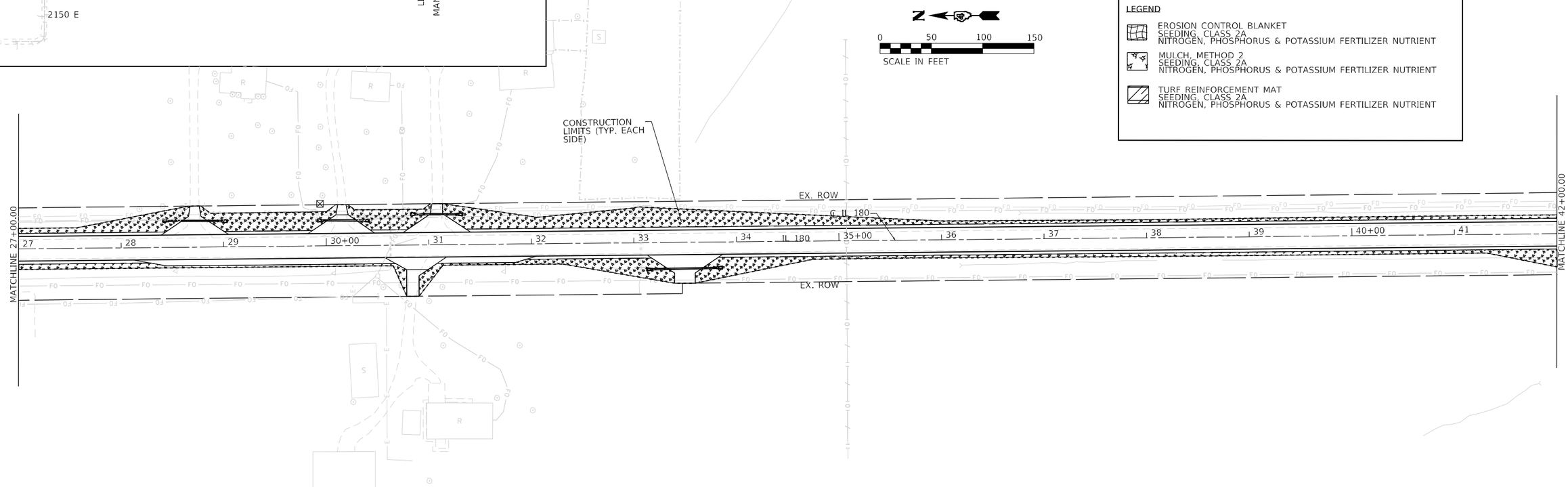
TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PERMANENT LANDSCAPING IL 180	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - BAJ	REVISED -			1195	*	KNOX	409 / 168
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -			CONTRACT NO. 68E50			
	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -		SCALE: SHEET 17 OF 20 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT			

*110RS-5:(111,112,108X-1)W,RS-3







LEGEND

- EROSION CONTROL BLANKET
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- MULCH, METHOD 2
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- TURF REINFORCEMENT MAT
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT

TERRA ENGINEERING LTD.

USER NAME = TravisW	DESIGNED - BAJ	REVISED -
	DRAWN - BAJ	REVISED -
PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -
PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERMANENT LANDSCAPING
IL 180

SCALE: | SHEET 18 OF 20 SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	169

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3

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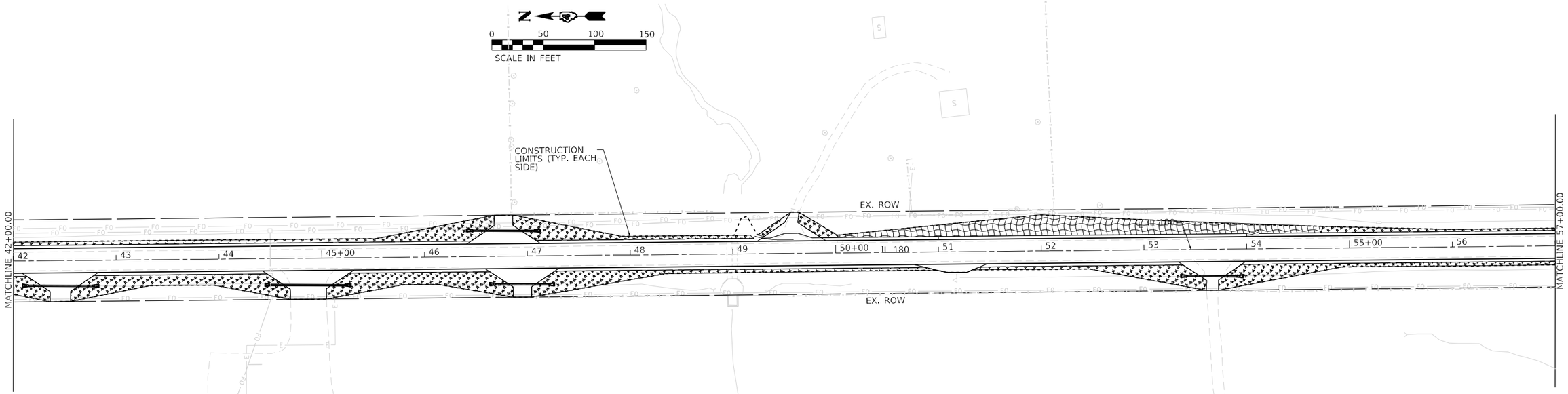

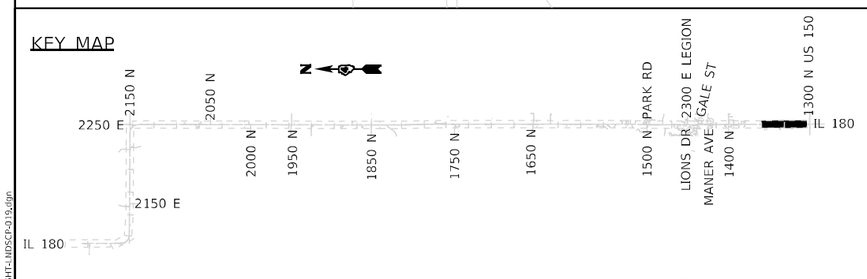

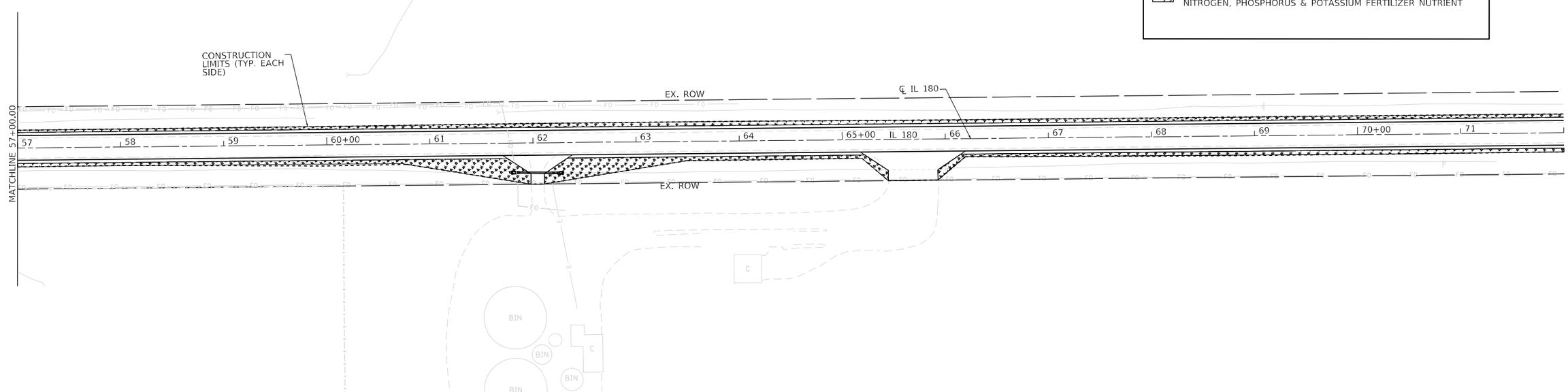

LEGEND

- EROSION CONTROL BLANKET
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- MULCH, METHOD 2
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- TURF REINFORCEMENT MAT
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT

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	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERMANENT LANDSCAPING
IL 180

SCALE: | SHEET 19 OF 20 SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	170

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

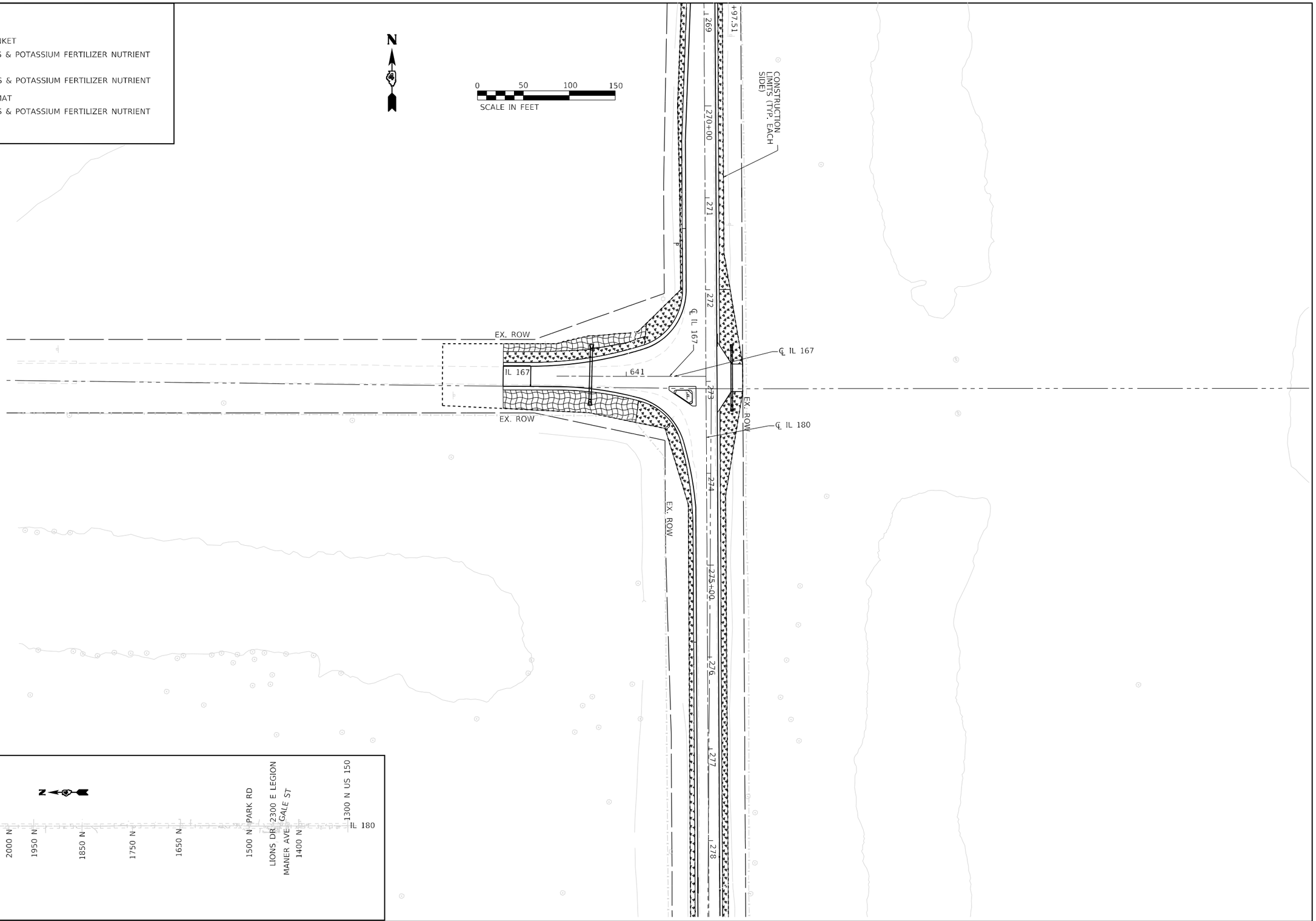
*110RS-5:(111,112,108X-1)W,RS-3

LEGEND

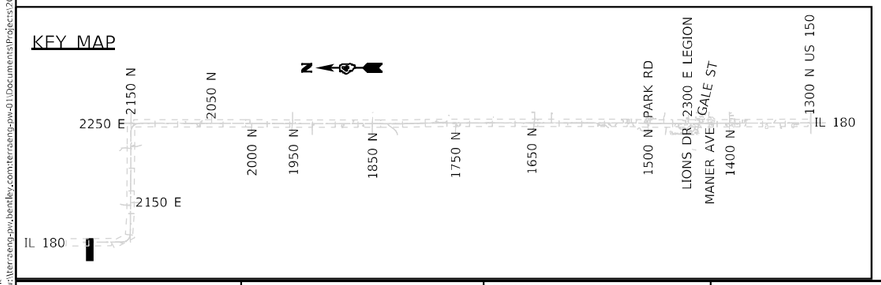
- EROSION CONTROL BLANKET
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- MULCH, METHOD 2
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT
- TURF REINFORCEMENT MAT
  SEEDING, CLASS 2A
  NITROGEN, PHOSPHORUS & POTASSIUM FERTILIZER NUTRIENT

N

0 50 100 150
SCALE IN FEET



KEY MAP



TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - BAJ	REVISED -
		DRAWN - BAJ	REVISED -
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -
	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERMANENT LANDSCAPING
IL 180

SCALE: SHEET 20 OF 20 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	171

CONTRACT NO. 68E50

ILLINOIS FED. AID PROJECT

*110RS-5;(111,112,108X-1)W,RS-3

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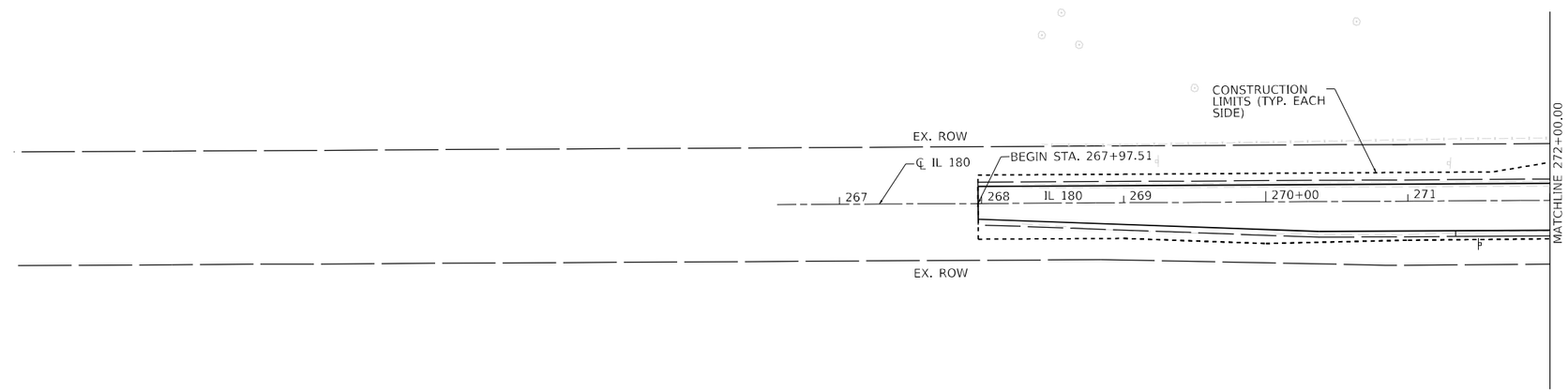
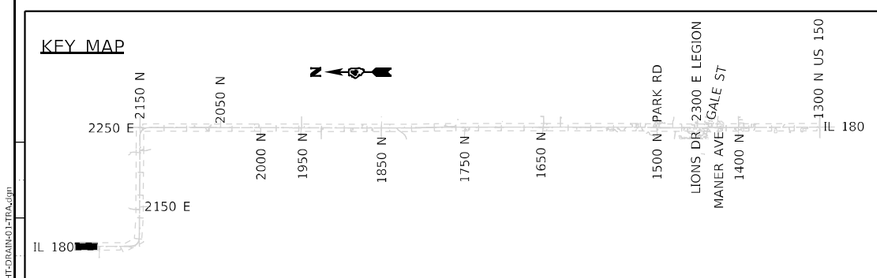
0 50 100 150
SCALE IN FEET

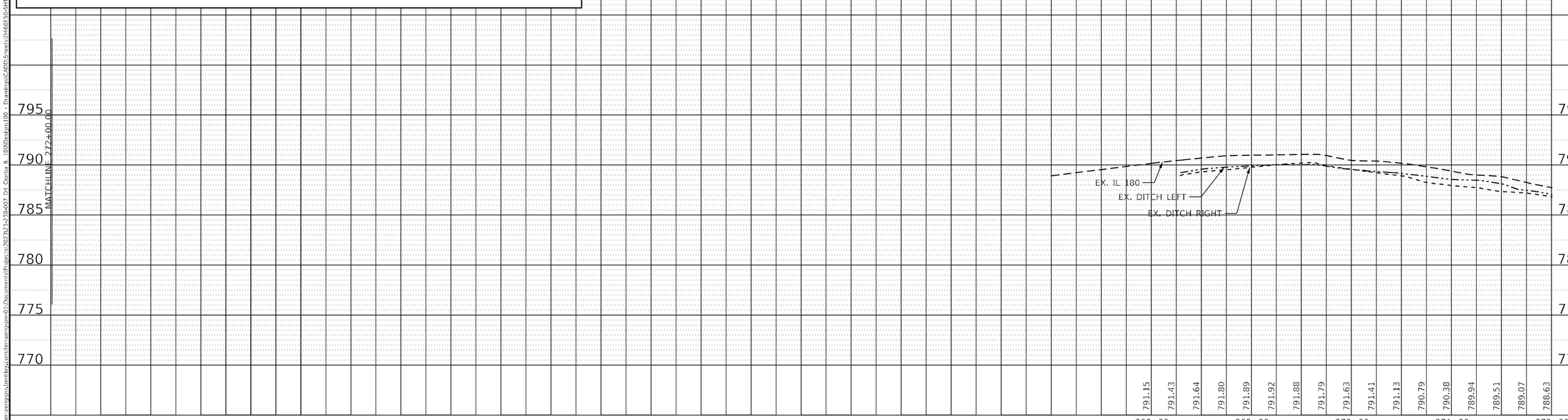
LEGEND

STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION







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SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
R/W CHECKED			
CADD FILE NAME			
NOTE BOOK NO.			

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SURVEYED			
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BLDG. NOTED			
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NOTE BOOK NO.			

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TERRA ENGINEERING LTD.

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	DRAWN - BAJ	REVISED -
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PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 1 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	172
		CONTRACT NO. 68E50		
		ILLINOIS FED. AID PROJECT		

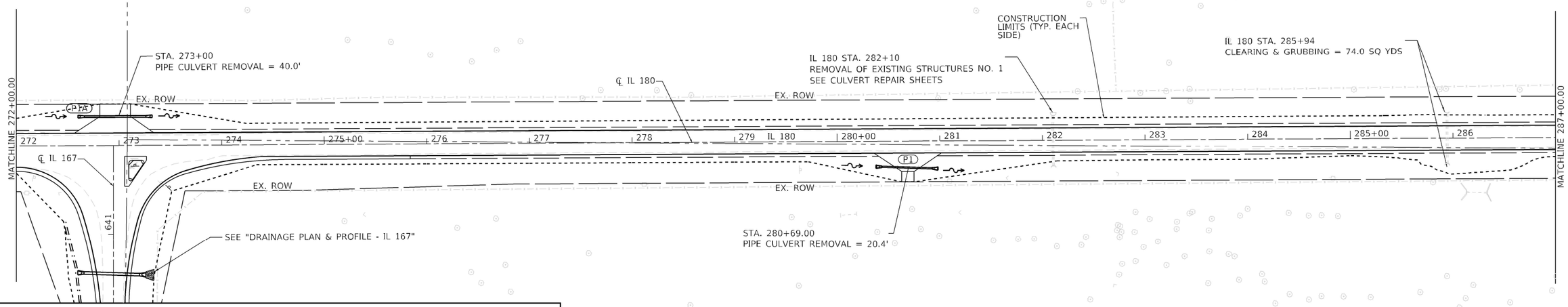
*110RS-5:(111,112,108X-1)W,RS-3

LEGEND

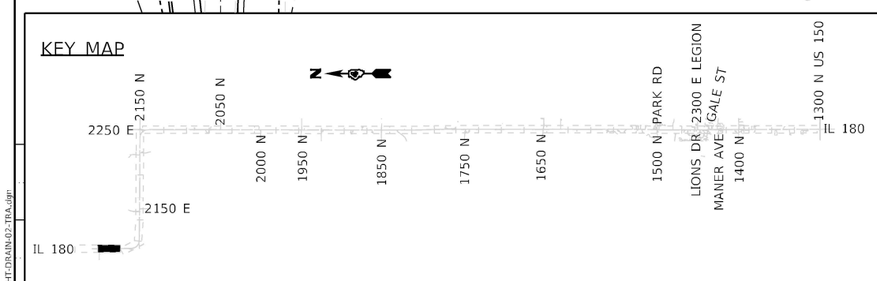
STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

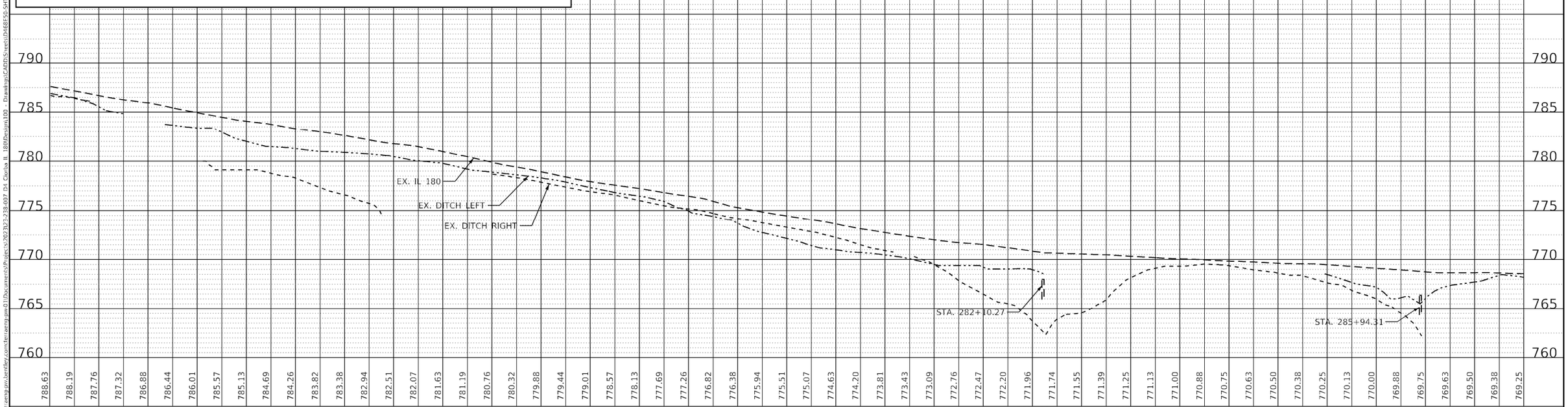
(XXX.XX) EXISTING ELEVATION

0 50 100 150
SCALE IN FEET



SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
2	P1A	P CUL CL D 1	15	60.0	METAL FL END SEC 15	272+60.24	27.94 LT	(785.55)	METAL FL END SEC 15	273+32.44	28.02 LT	(784.07)	2.1%	4.8
2	P1	P CUL CL D 1	15	48.8	METAL FL END SEC 15	280+37.82	25.17 RT	(771.68)	METAL FL END SEC 15	280+97.94	27.29 RT	(770.07)	2.7%	3.5





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SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
CADD FILE NAME	
NOTE BOOK NO.	
BY	
DATE	

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

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TERRA ENGINEERING LTD.

USER NAME = TravisW	DESIGNED - TW	REVISED -
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PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 2 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	173

CONTRACT NO. 68E50

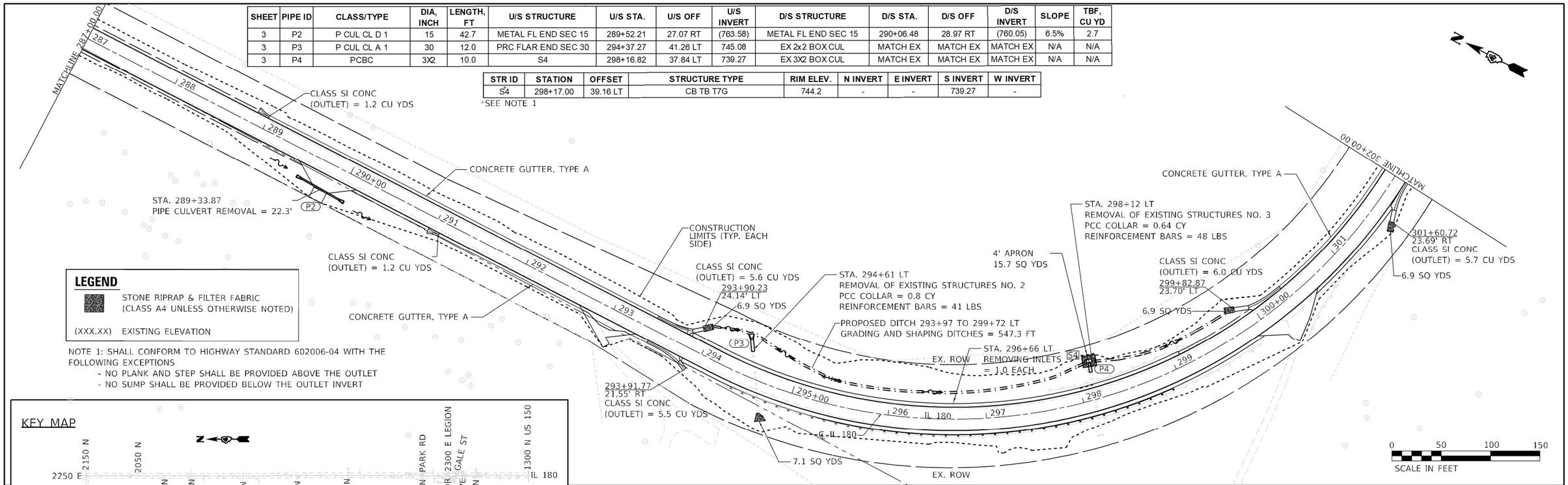
ILLINOIS FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3

SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
3	P2	P CUL CL D 1	15	42.7	METAL FL END SEC 15	289+52.21	27.07 RT	(763.58)	METAL FL END SEC 15	290+06.48	28.97 RT	(760.05)	6.5%	2.7
3	P3	P CUL CL A 1	30	12.0	PRC FLAR END SEC 30	294+37.27	41.26 LT	745.08	EX 2x2 BOX CUL	MATCH EX	MATCH EX	MATCH EX	N/A	N/A
3	P4	PCBC	3X2	10.0	S4	298+16.82	37.84 LT	739.27	EX 3X2 BOX CUL	MATCH EX	MATCH EX	MATCH EX	N/A	N/A

STR ID	STATION	OFFSET	STRUCTURE TYPE	RIM ELEV.	N INVERT	E INVERT	S INVERT	W INVERT
S4	298+17.00	39.16 LT	CB TB T7G	744.2	-	-	739.27	-

*SEE NOTE 1

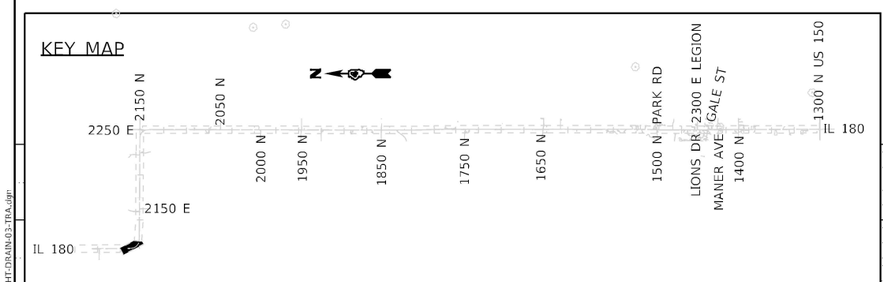


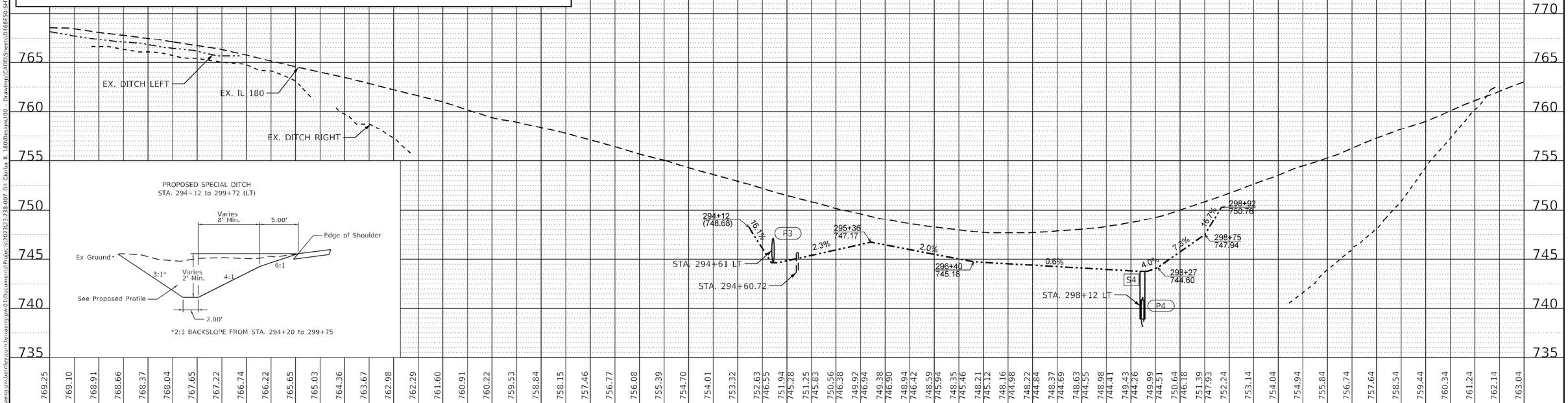
LEGEND

STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION

NOTE 1: SHALL CONFORM TO HIGHWAY STANDARD 602006-04 WITH THE FOLLOWING EXCEPTIONS
- NO PLANK AND STEP SHALL BE PROVIDED ABOVE THE OUTLET
- NO SUMP SHALL BE PROVIDED BELOW THE OUTLET INVERT





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PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -
PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -

TERRA ENGINEERING LTD.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 3 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	174

CONTRACT NO. 68E50

ILLINOIS FED. AID PROJECT

*110RS-5;(111,112,108X-1)W,RS-3

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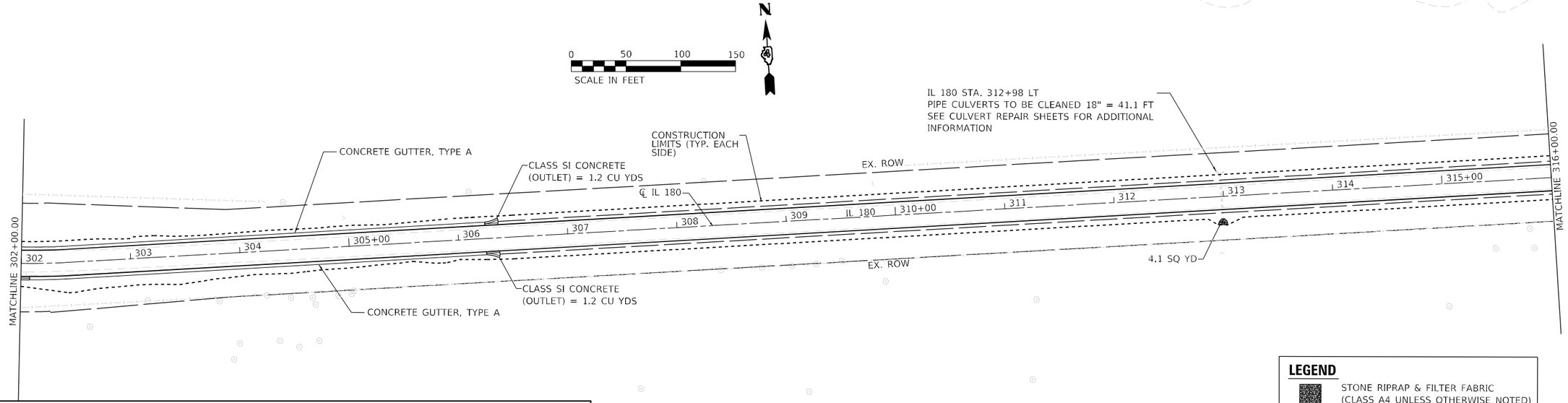
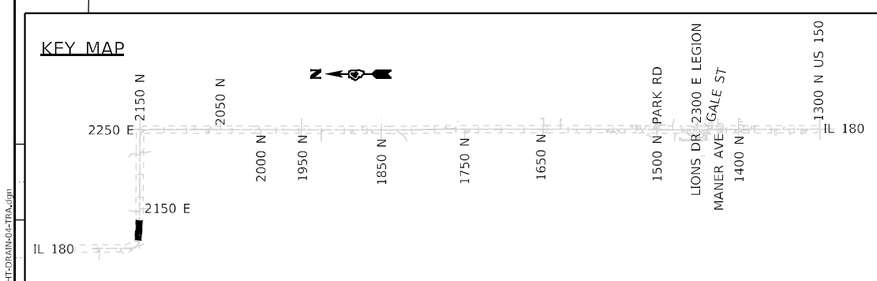
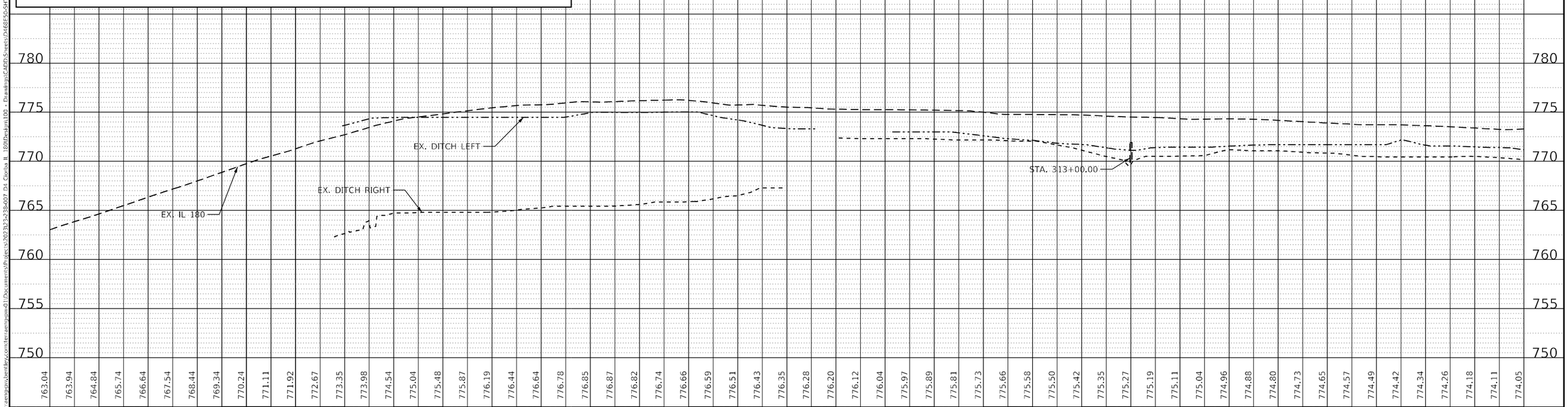


LEGEND

STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION





TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - TW	REVISED -
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	PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 4 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	175

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3

PLAN
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PLOTTED
ALIGNMENT CHECKED
R/W CHECKED
CADD FILE NAME
BY
DATE

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

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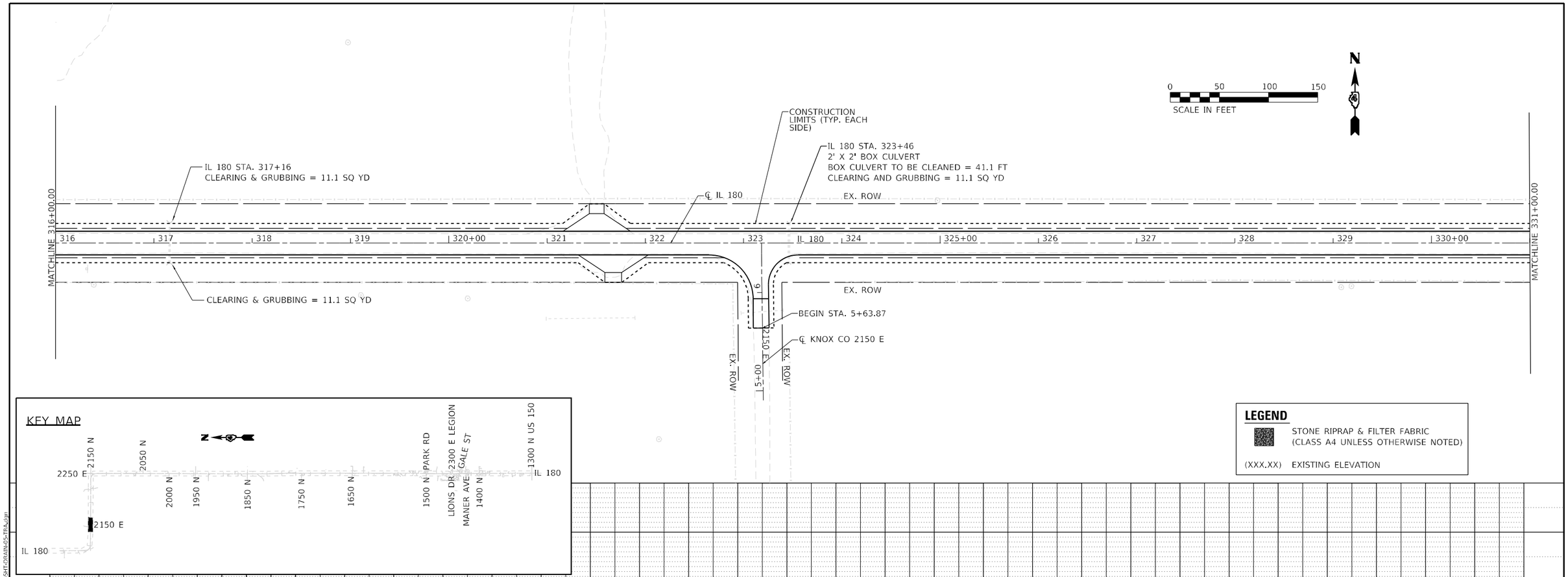

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B.M. NOTED
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

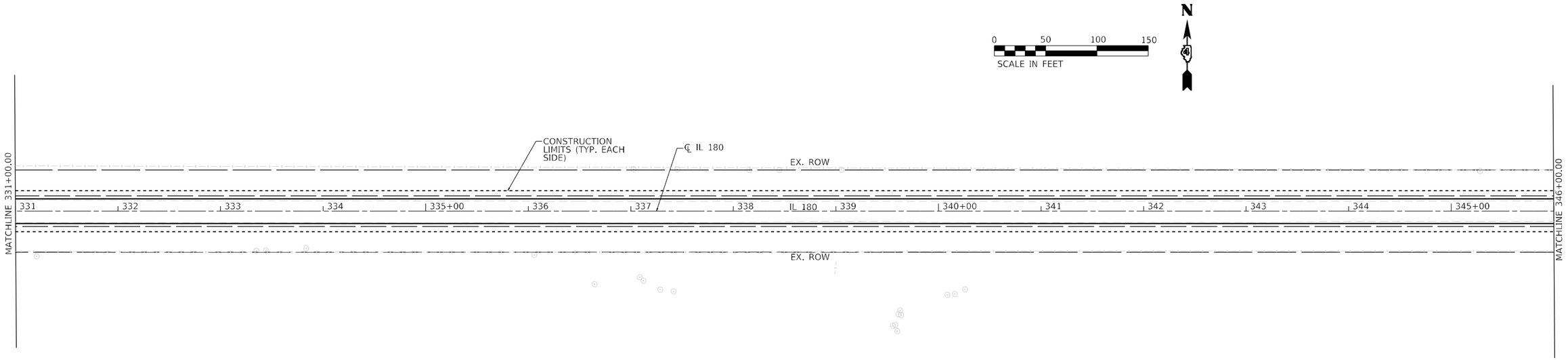
SCALE: SHEET 5 OF 42 SHEETS STA. TO STA.

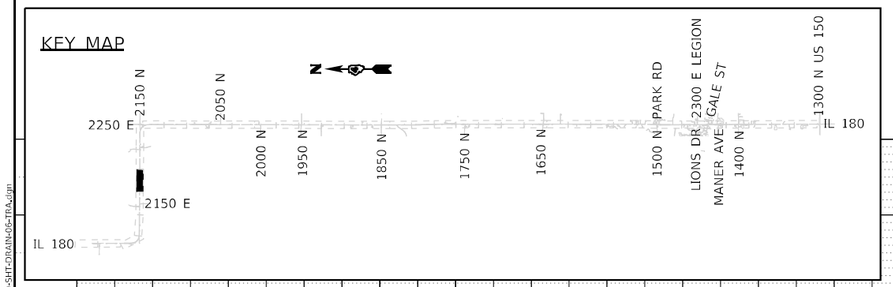
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	176

CONTRACT NO. 68E50

ILLINOIS FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3

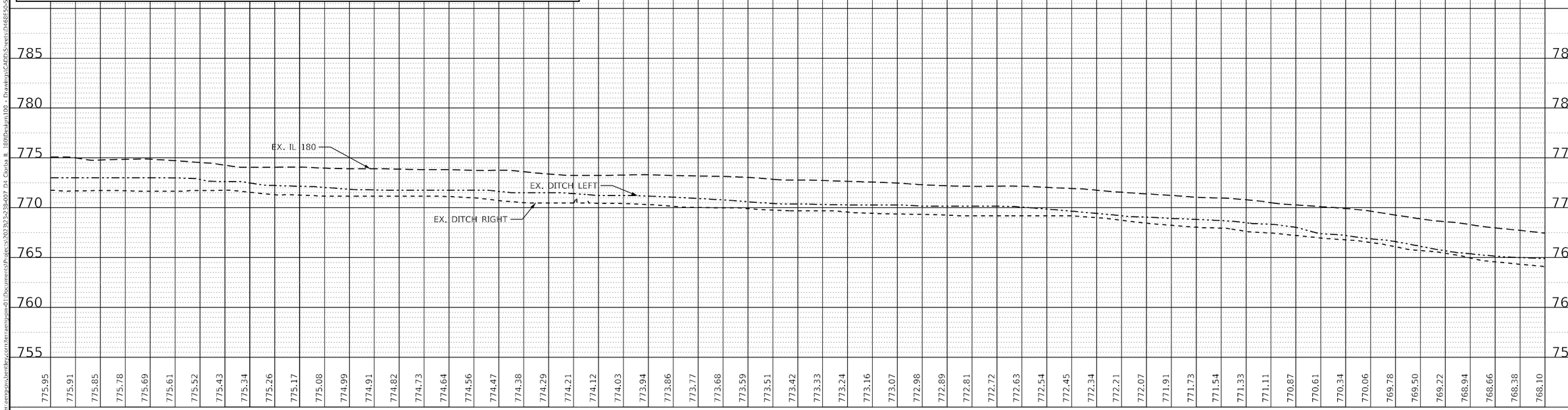




LEGEND

STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION



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NOTE BOOK NO.			

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TERRA ENGINEERING LTD.

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PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -	

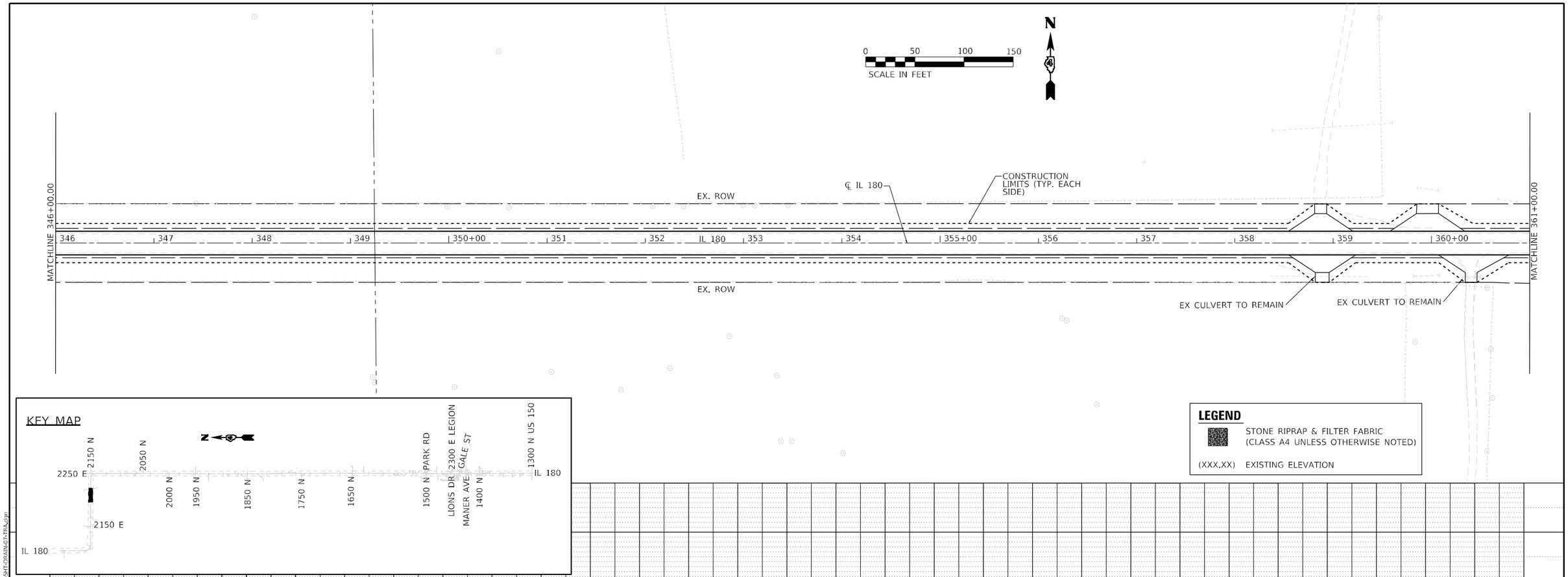
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 6 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	177
		CONTRACT NO. 68E50		
		ILLINOIS FED. AID PROJECT		

*110RS-5:(111,112,108X-1)W,RS-3



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R/W CHECKED
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NOTE BOOK NO.
BY
DATE

PROFILE
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GRADES CHECKED
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	PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 7 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	178

CONTRACT NO. 68E50

ILLINOIS FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3

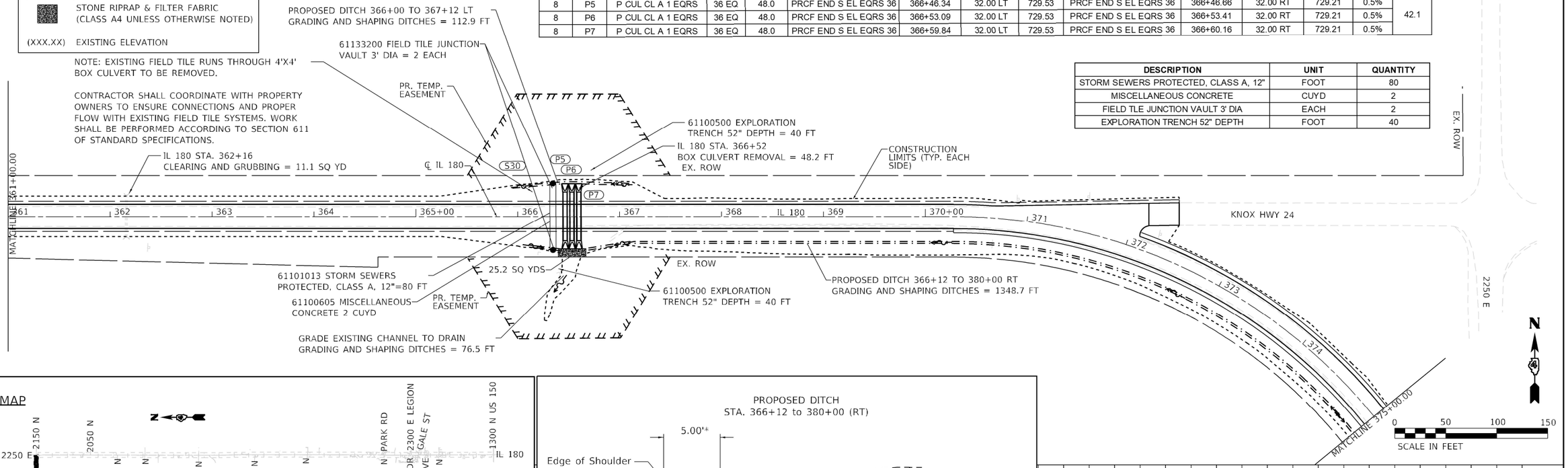
LEGEND

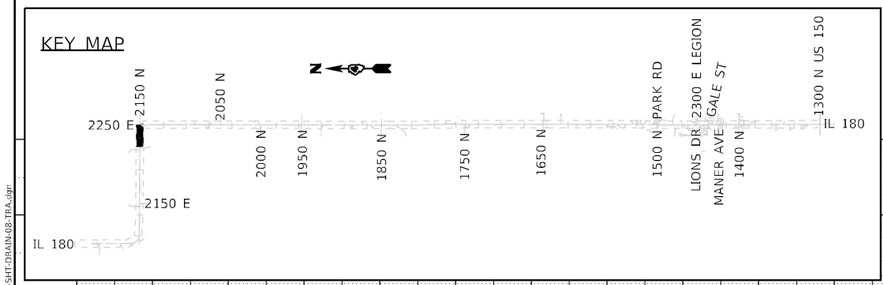
STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

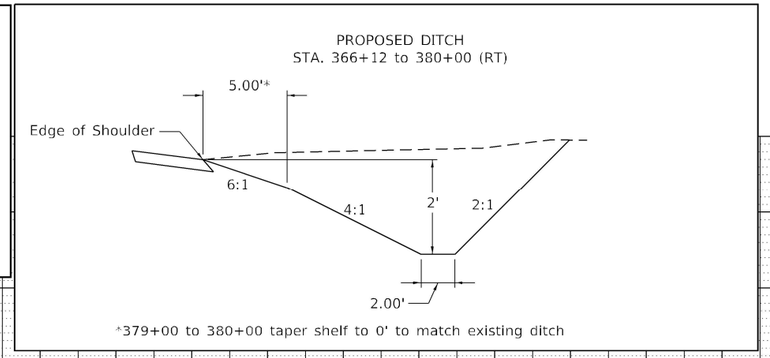
(XXX.XX) EXISTING ELEVATION

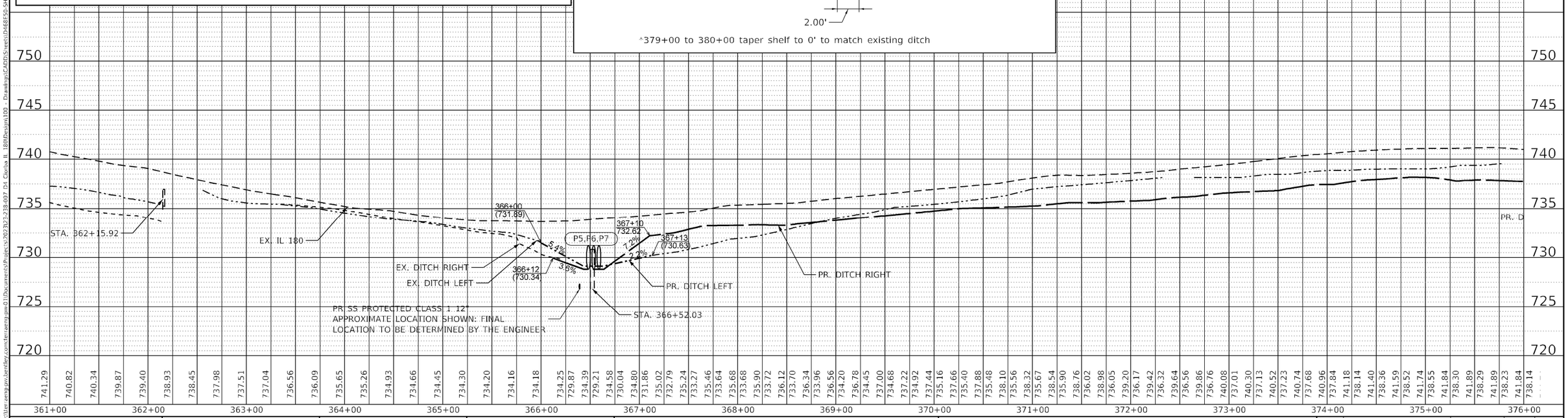
SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
8	P5	P CUL CL A 1 EQRS	36 EQ	48.0	PRCF END S EL EQRS 36	366+46.34	32.00 LT	729.53	PRCF END S EL EQRS 36	366+46.66	32.00 RT	729.21	0.5%	42.1
8	P6	P CUL CL A 1 EQRS	36 EQ	48.0	PRCF END S EL EQRS 36	366+53.09	32.00 LT	729.53	PRCF END S EL EQRS 36	366+53.41	32.00 RT	729.21	0.5%	
8	P7	P CUL CL A 1 EQRS	36 EQ	48.0	PRCF END S EL EQRS 36	366+59.84	32.00 LT	729.53	PRCF END S EL EQRS 36	366+60.16	32.00 RT	729.21	0.5%	

DESCRIPTION	UNIT	QUANTITY
STORM SEWERS PROTECTED, CLASS A, 12"	FOOT	80
MISCELLANEOUS CONCRETE	CUYD	2
FIELD TLE JUNCTION VAULT 3' DIA	EACH	2
EXPLORATION TRENCH 52" DEPTH	FOOT	40









PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

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

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TERRA ENGINEERING LTD.

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PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: | SHEET 8 OF 42 SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	179

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

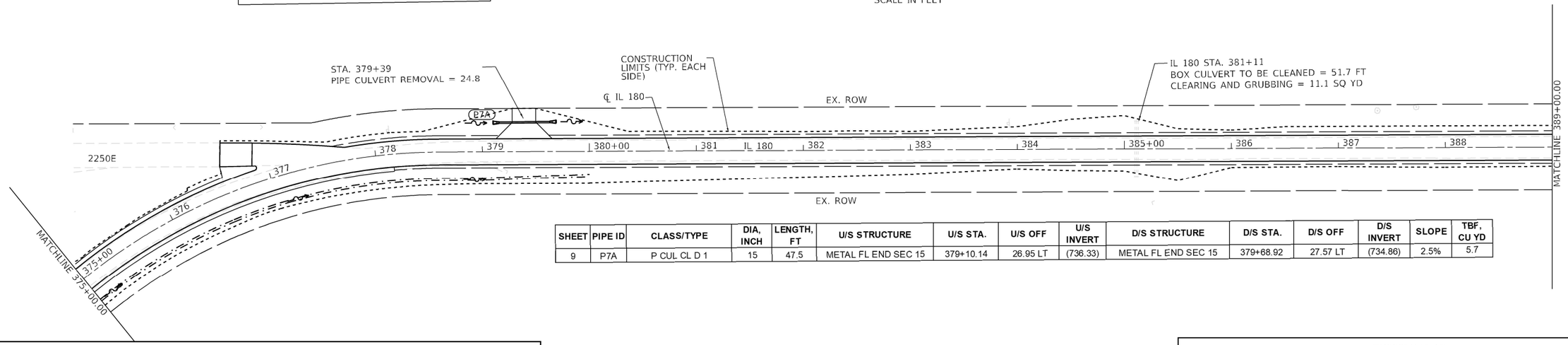
*110RS-5;(111,112,108X-1)W,RS-3

LEGEND

STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

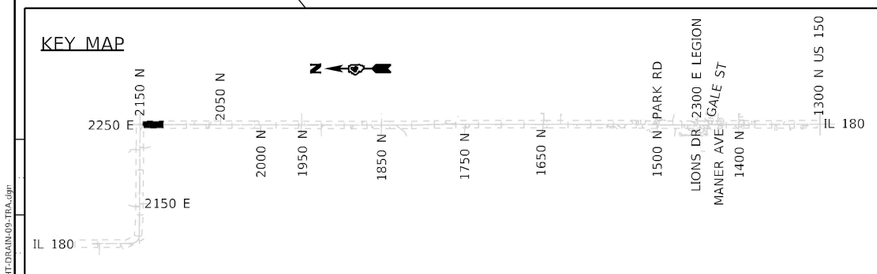
(XXX.XX) EXISTING ELEVATION

0 50 100 150
SCALE IN FEET

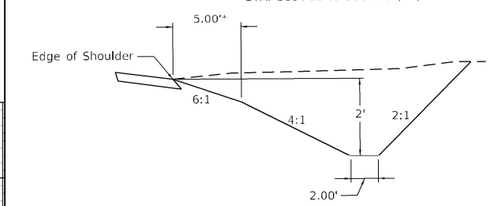


SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
9	P7A	P CUL CL D 1	15	47.5	METAL FL END SEC 15	379+10.14	26.95 LT	(736.33)	METAL FL END SEC 15	379+68.92	27.57 LT	(734.86)	2.5%	5.7

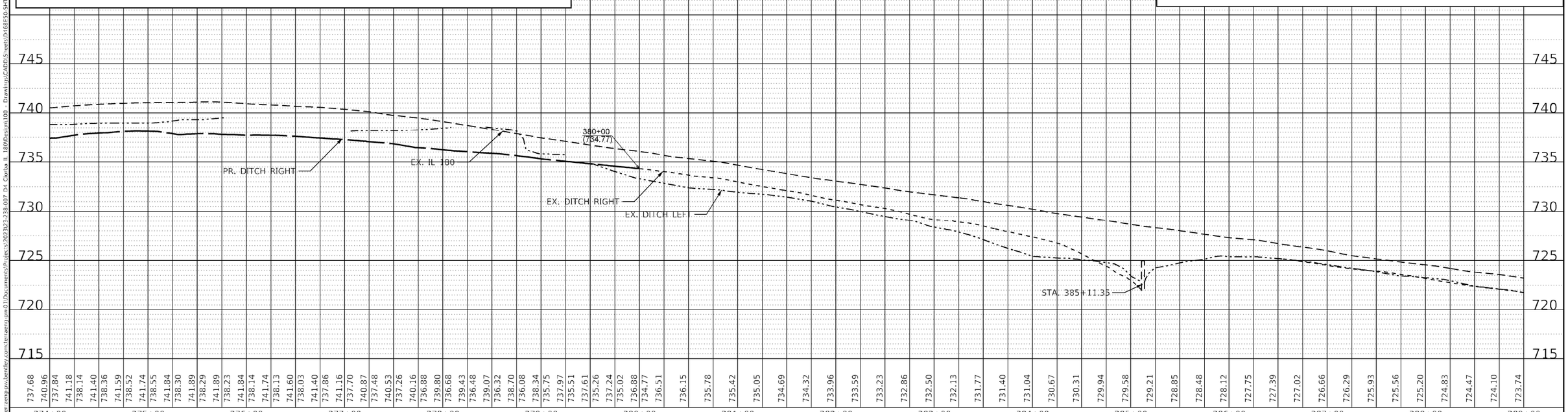
KEY MAP



PROPOSED DITCH
STA. 366+12 to 380+00 (RT)



*379+00 to 380+00 taper shelf to 0' to match existing ditch



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SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
R/W CHECKED			
NOTE BOOK	CADD FILE NAME		
NO.			

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B.M. NOTED			
NOTE BOOK	STRUCTURE NOTATIONS CHKD		
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TERRA ENGINEERING LTD.

USER NAME = TravisW	DESIGNED - TW	REVISED -	
	DRAWN - TW/BAJ	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - CL	REVISED -	
PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 9 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	180

CONTRACT NO. 68E50

ILLINOIS FED. AID PROJECT

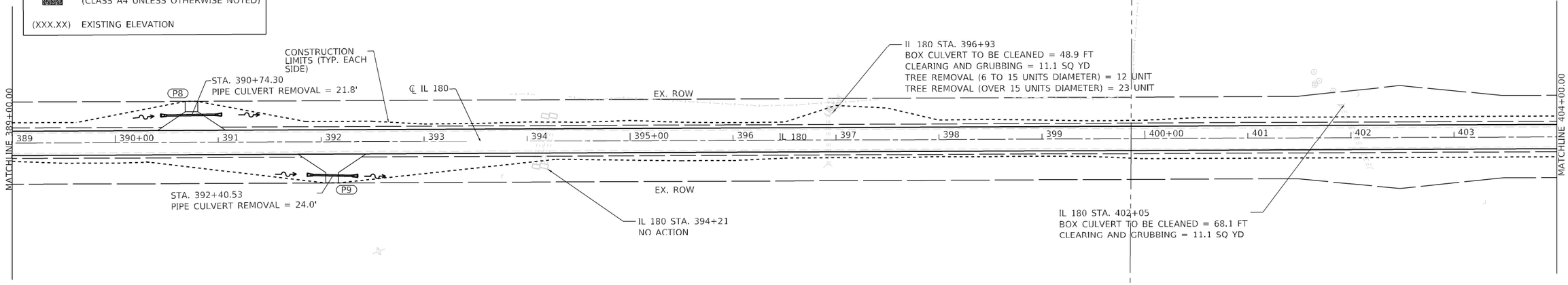
*110RS-5;(111,112,108X-1)W,RS-3

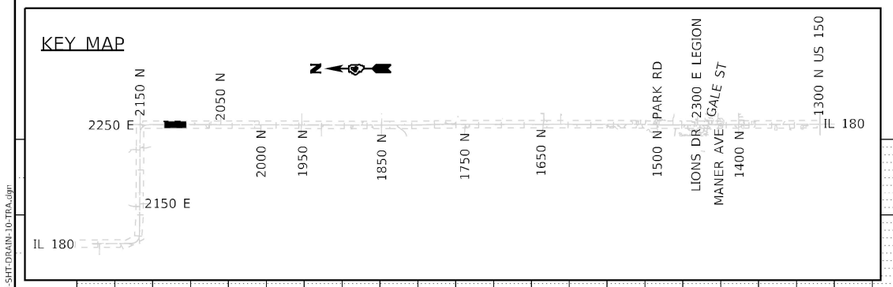
SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
10	P8	P CUL CL D 1	15	47.5	METAL FL END SEC 15	390+44.57	26.50 LT	(719.6)	METAL FL END SEC 15	391+03.34	27.11 LT	(718.82)	1.3%	3.3
10	P9	P CUL CL D 1	15	37.8	METAL FL END SEC 15	391+86.38	31.98 RT	(715.85)	METAL FL END SEC 15	392+35.26	33.25 RT	(715.54)	0.6%	2.1

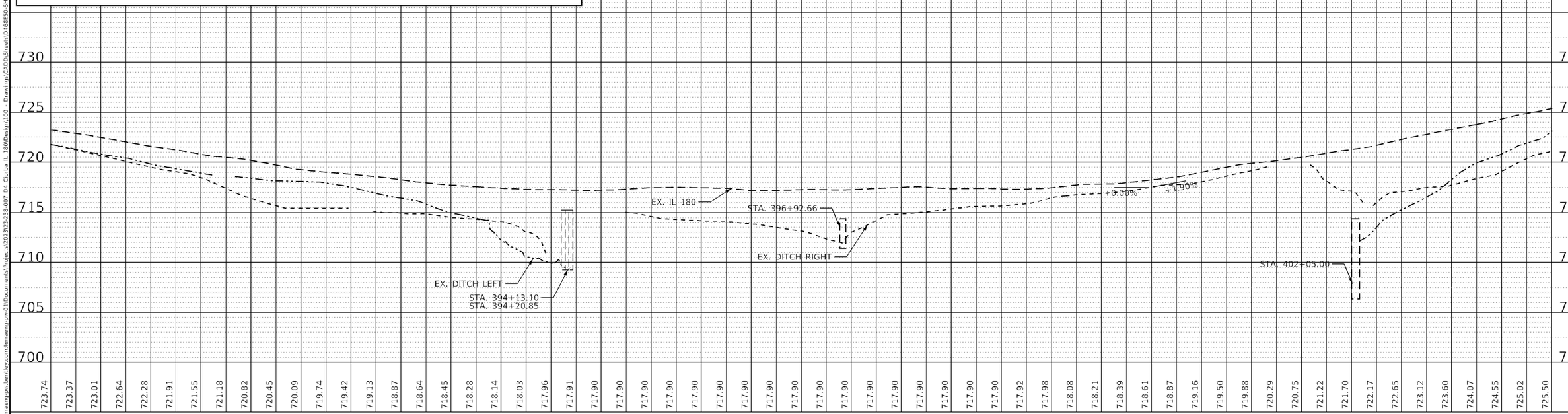
LEGEND

STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION







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R/W CHECKED		
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NOTE BOOK NO.		
CADD FILE NAME		

PROFILE	BY	DATE
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B.M. NOTED		
STRUCTURE NOTATNS CHKD		
NOTE BOOK NO.		

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TERRA ENGINEERING LTD.

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	DRAWN - TW/BAJ	REVISED -	
PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -	
PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 10 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	181

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3

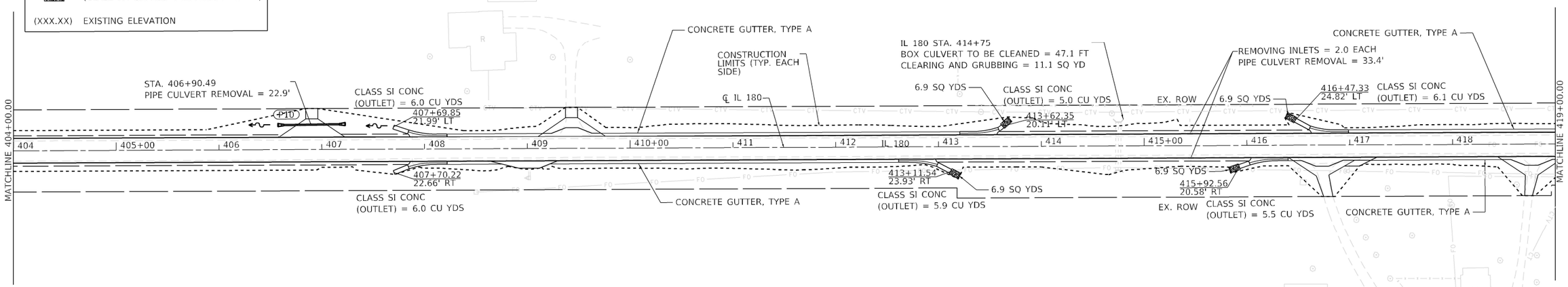
SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
11	P10	P CUL CL D 1	15	53.8	METAL FL END SEC 15	407+22.79	24.96 LT	(731.05)	METAL FL END SEC 15	406+57.70	24.30 LT	(729.64)	2.2%	4.1

LEGEND

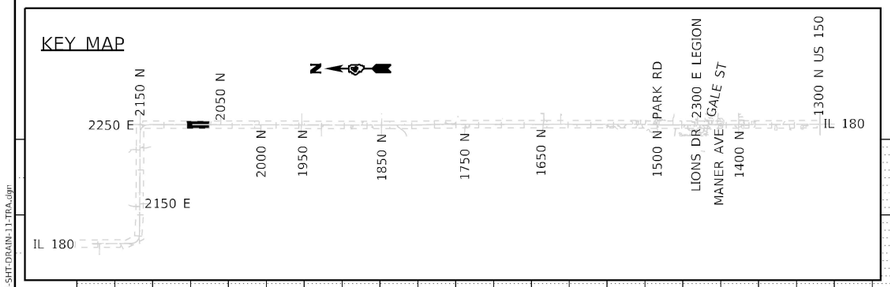
STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

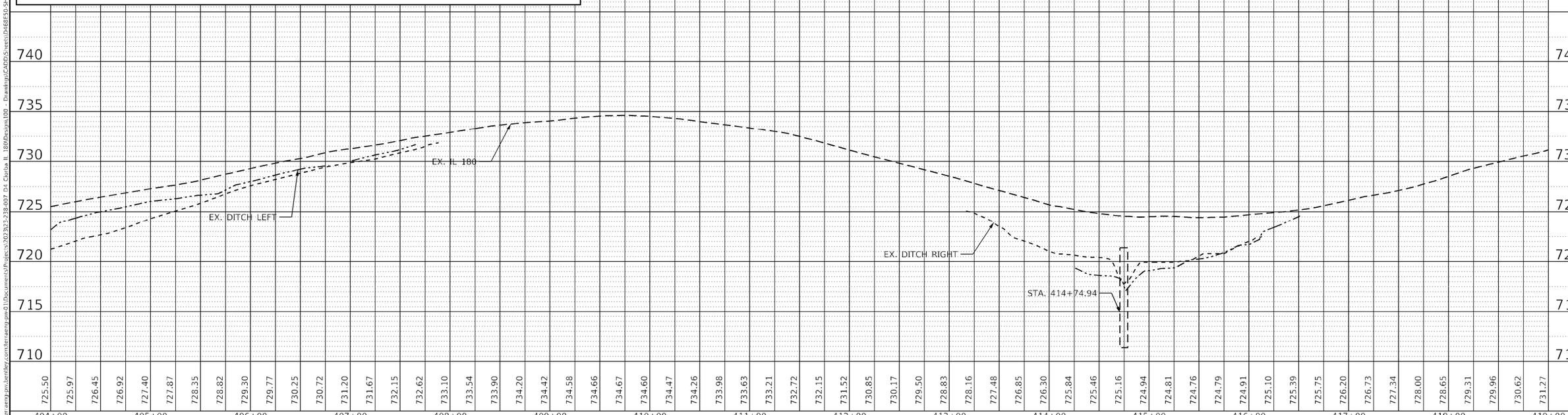
(XXX.XX) EXISTING ELEVATION

0 50 100 150
SCALE IN FEET



KEY MAP





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TERRA ENGINEERING LTD.

USER NAME = TravisW	DESIGNED - TW	REVISED -
	DRAWN - TW/BAJ	REVISED -
PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -
PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 11 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	182

CONTRACT NO. 68E50

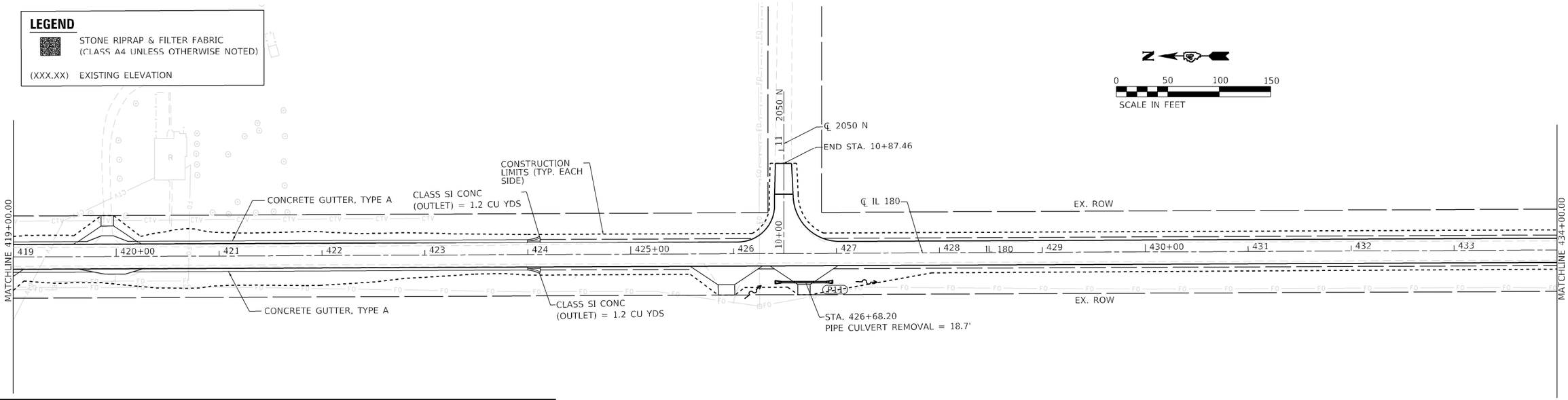
ILLINOIS | FED. AID PROJECT

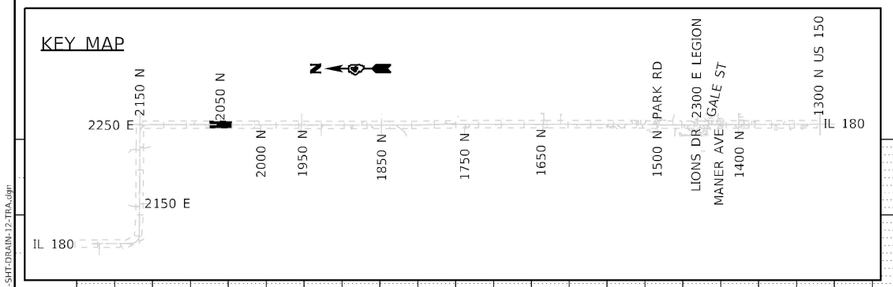
*110RS-5:(111,112,108X-1)W,RS-3

LEGEND

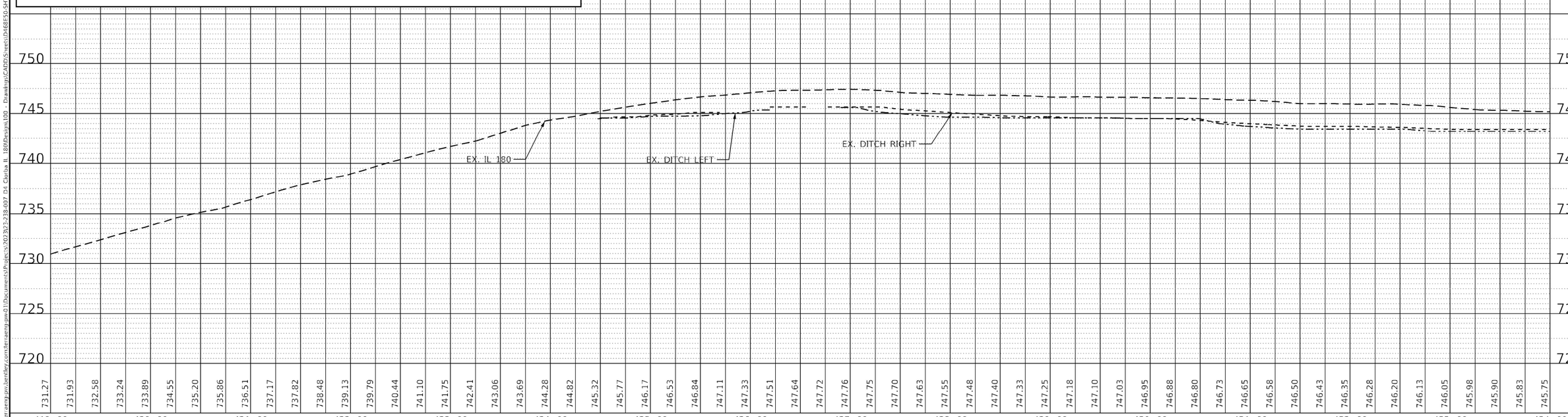
STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION





SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
12	P11	P CUL CL D 1	15	44.0	METAL FL END SEC 15	426+40.25	27.73 RT	(746.12)	METAL FL END SEC 15	426+96.16	27.70 RT	(746.12)	0.0%	2.9



PLAN — SURVEYED / PLOTTED / GRADES CHECKED / R.O.W. CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

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

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TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - TW	REVISED -
		DRAWN - TW/BAJ	REVISED -
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	PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 12 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	183

CONTRACT NO. 68E50

ILLINOIS FED. AID PROJECT

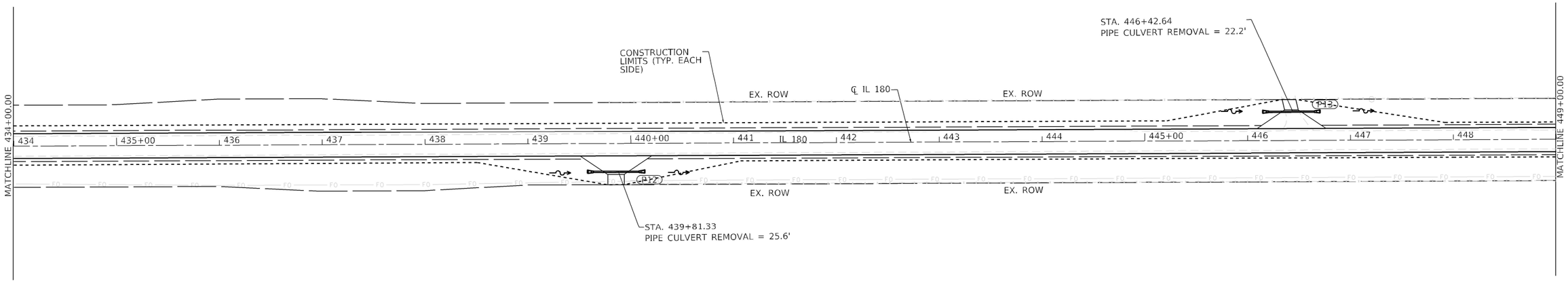
*110RS-5;(111,112,108X-1)W,RS-3

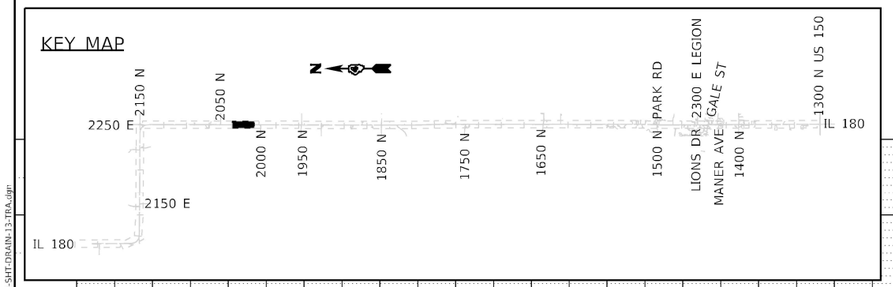
LEGEND

STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

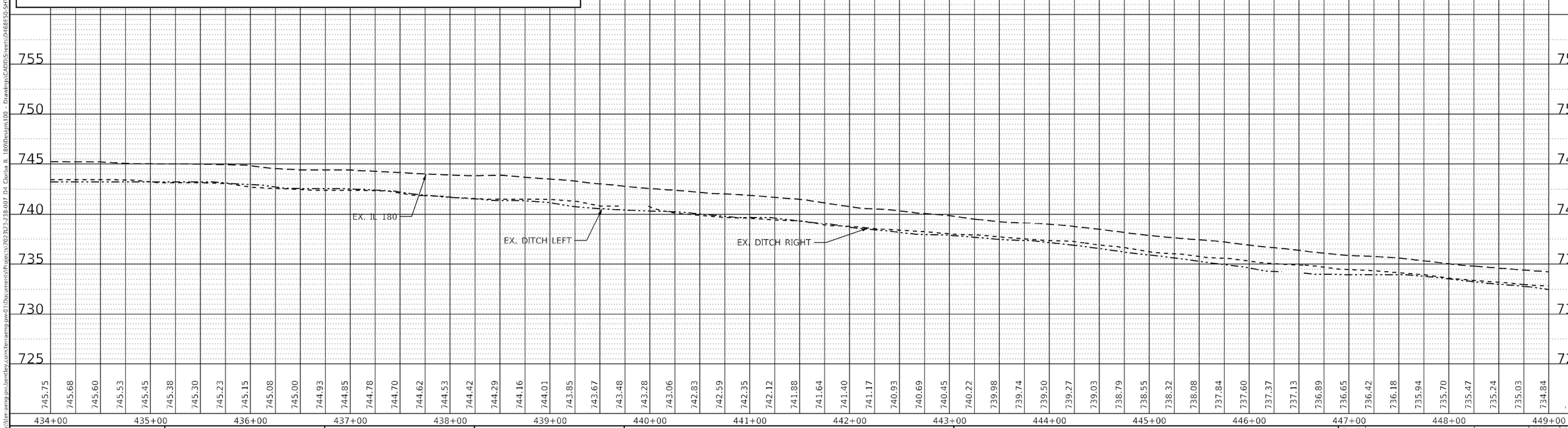
(XXX.XX) EXISTING ELEVATION

0 50 100 150
SCALE IN FEET





SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
13	P12	P CUL CL D 1	15	44.0	METAL FL END SEC 15	439+57.89	27.39 RT	(741.38)	METAL FL END SEC 15	440+13.80	27.35 RT	(740.94)	0.8%	2.9
13	P13	P CUL CL D 1	15	44.3	METAL FL END SEC 15	446+14.96	29.01 LT	(734.74)	METAL FL END SEC 15	446+70.53	28.76 LT	(734.4)	0.6%	2.9



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SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK NO.
BY
DATE

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

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TERRA ENGINEERING LTD.

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	DRAWN - TW/BAJ	REVISED -
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PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 13 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	184

CONTRACT NO. 68E50

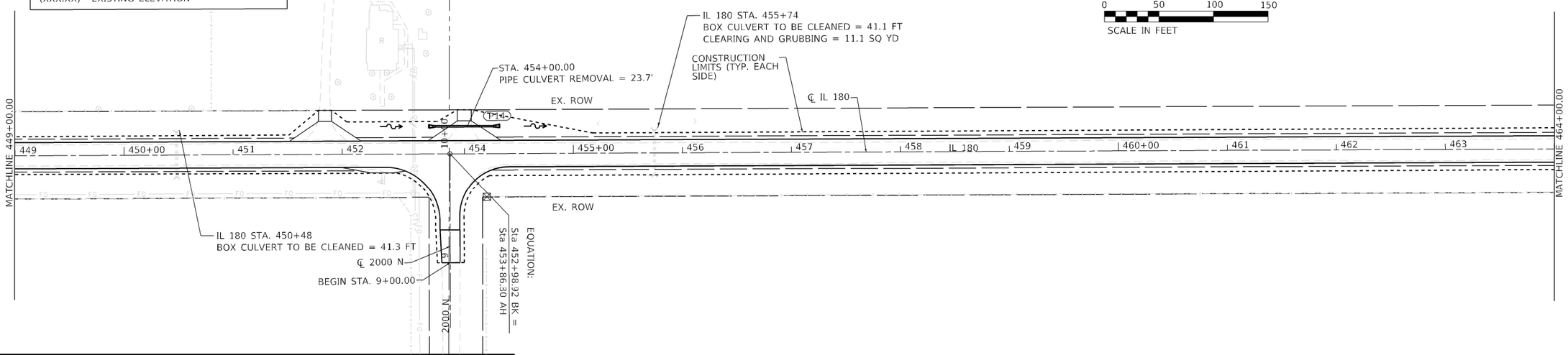
ILLINOIS FED. AID PROJECT

*110RS-5;(111,112,108X-1)W,RS-3

LEGEND

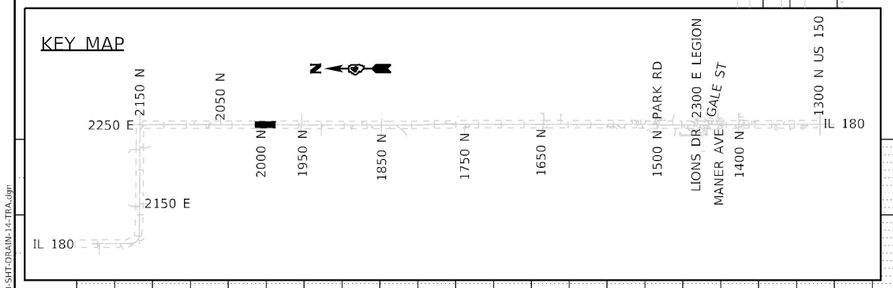
STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

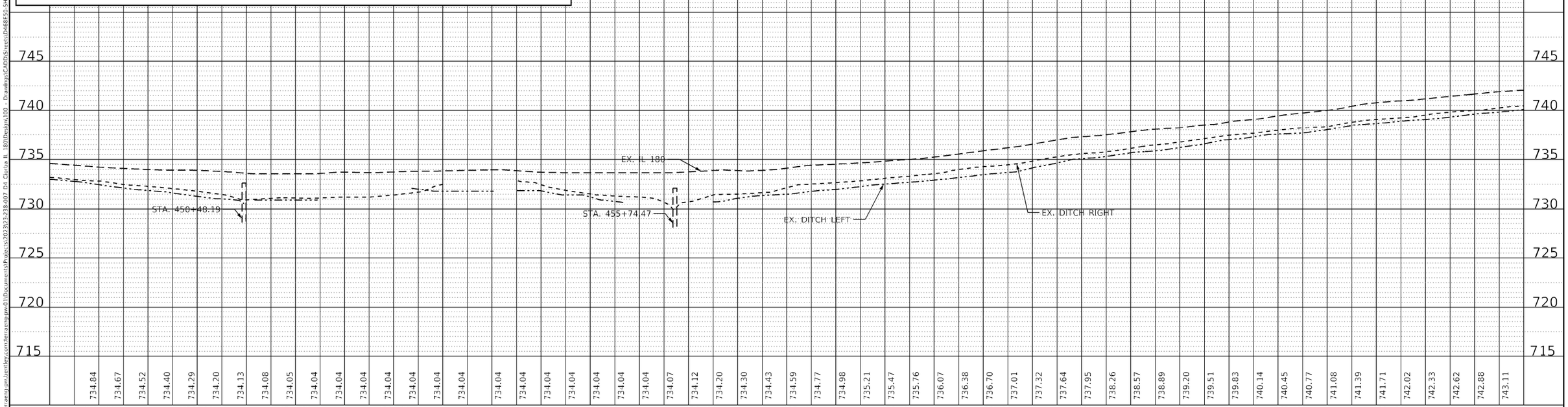
(XXX.XX) EXISTING ELEVATION



SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
14	P14	P CUL CL D 1	15	53.3	METAL FL END SEC 15	452+79.89	25.08 LT	(732.25)	METAL FL END SEC 15	454+32.64	25.17 LT	(732.2)	0.1%	4.0

KEY MAP





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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 14 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	185

CONTRACT NO. 68E50

ILLINOIS FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

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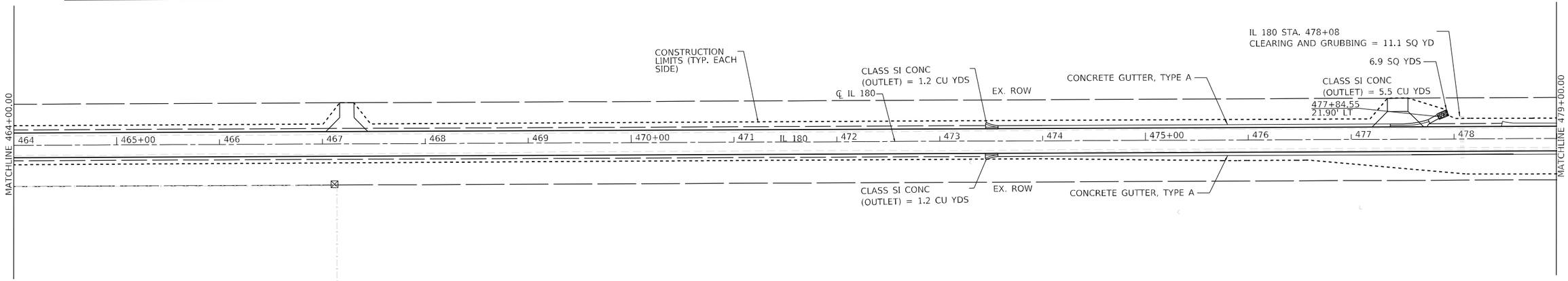
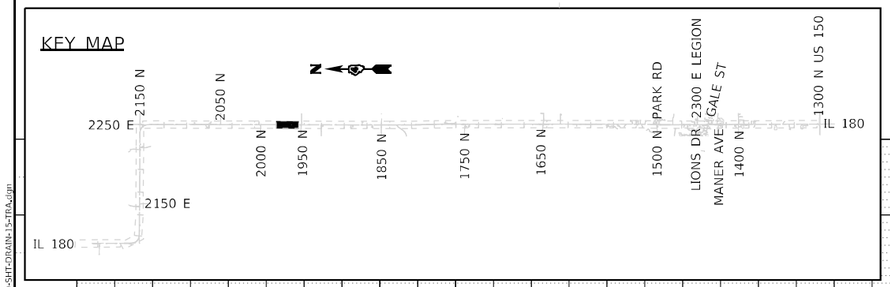
LEGEND

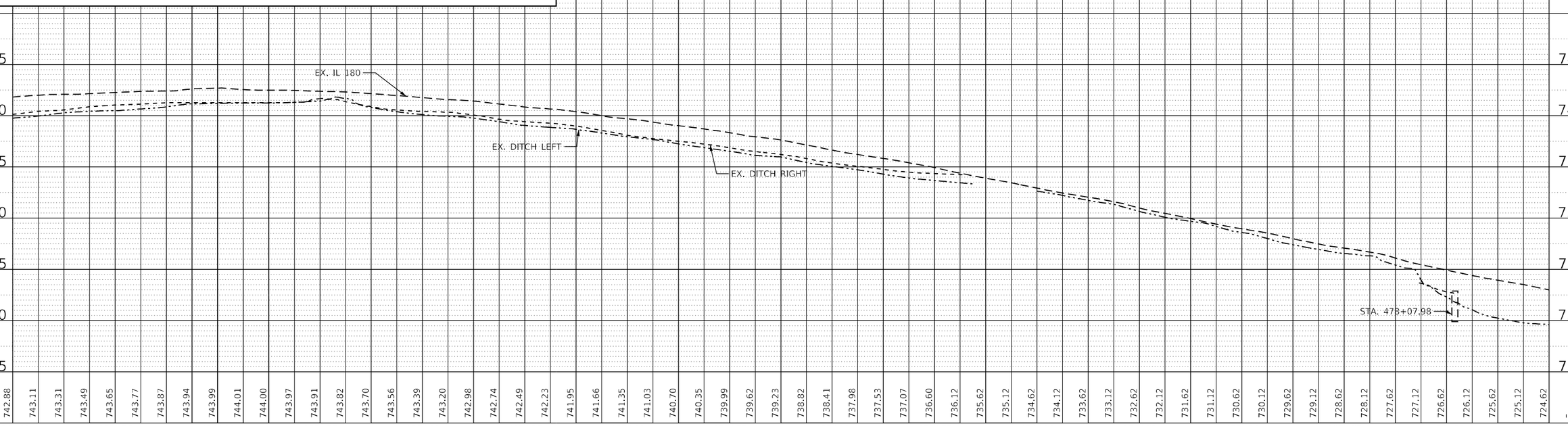
STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION

0 50 100 150
SCALE IN FEET







PLAN		BY	DATE
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NOTE BOOK NO.			

PROFILE		BY	DATE
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TERRA ENGINEERING LTD.

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PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 15 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	186

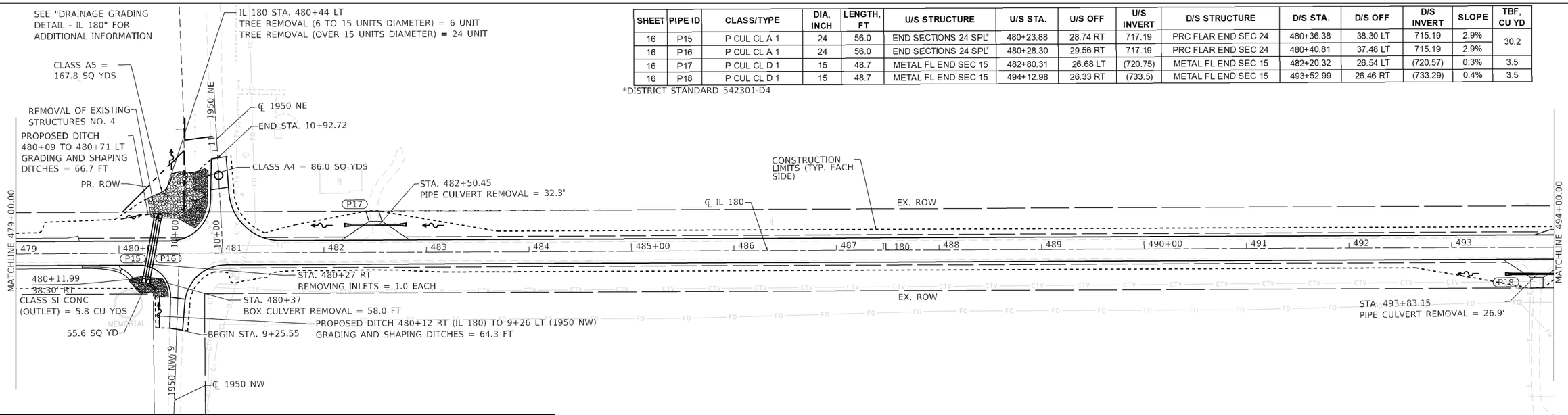
CONTRACT NO. 68E50

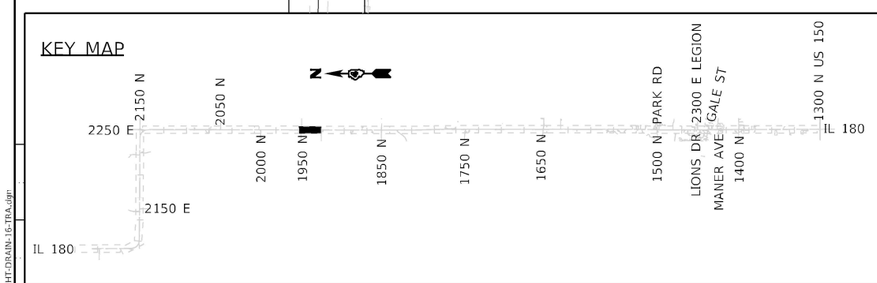
ILLINOIS FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3

SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
16	P15	P CUL CL A 1	24	56.0	END SECTIONS 24 SPL*	480+23.88	28.74 RT	717.19	PRC FLAR END SEC 24	480+36.38	38.30 LT	715.19	2.9%	30.2
16	P16	P CUL CL A 1	24	56.0	END SECTIONS 24 SPL*	480+28.30	29.56 RT	717.19	PRC FLAR END SEC 24	480+40.81	37.48 LT	715.19	2.9%	
16	P17	P CUL CL D 1	15	48.7	METAL FL END SEC 15	482+80.31	26.68 LT	(720.75)	METAL FL END SEC 15	482+20.32	26.54 LT	(720.57)	0.3%	3.5
16	P18	P CUL CL D 1	15	48.7	METAL FL END SEC 15	494+12.98	26.33 RT	(733.5)	METAL FL END SEC 15	493+52.99	26.46 RT	(733.29)	0.4%	3.5

*DISTRICT STANDARD 542301-D4



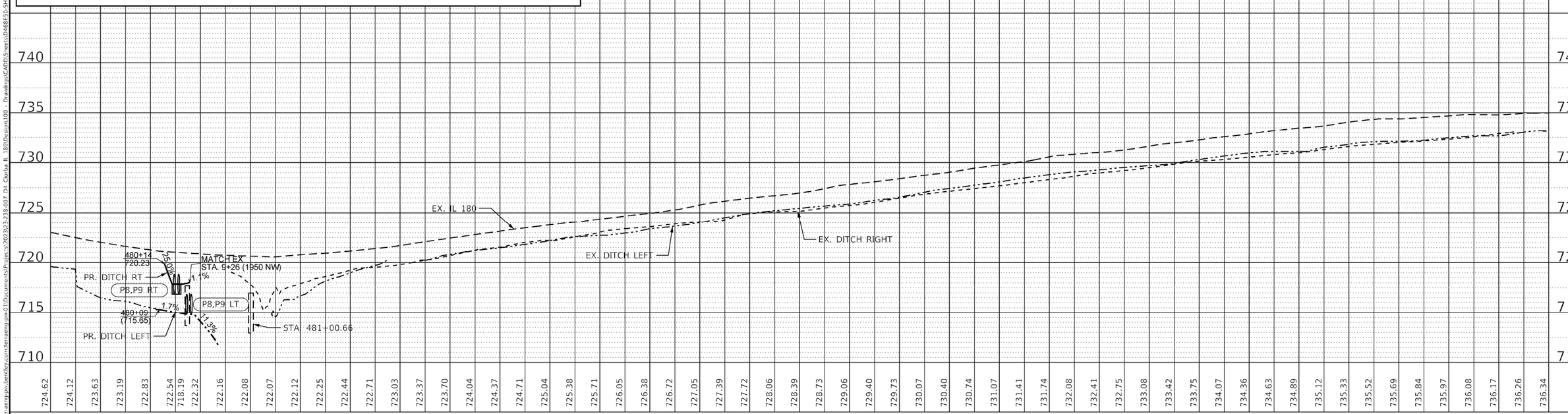


LEGEND

STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION

0 50 100 150
SCALE IN FEET



PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R/W CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE

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TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - TW	REVISED -
		DRAWN - TW/BAJ	REVISED -
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -
	PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: | SHEET 16 OF 42 SHEETS | STA. | TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	187

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

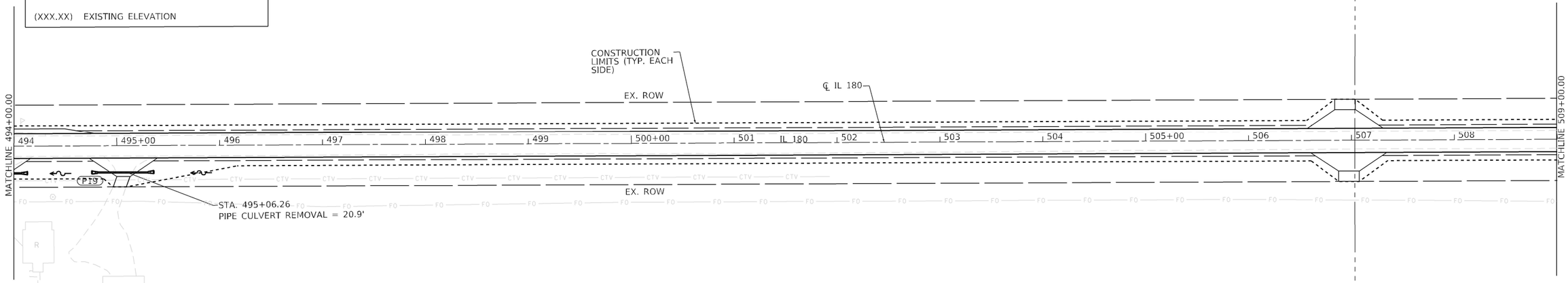
*110RS-5:(111,112,108X-1)W,RS-3

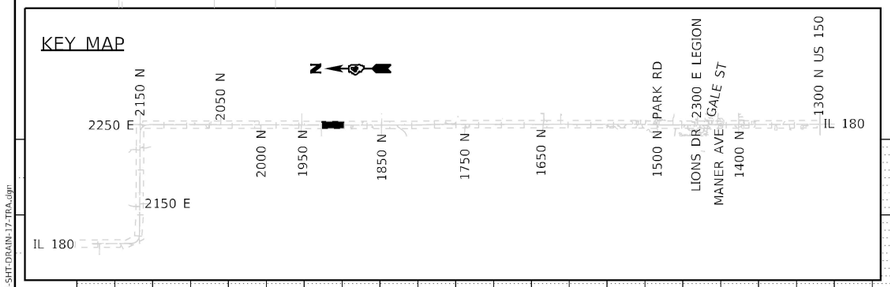
SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
17	P19	P CUL CL D 1	15	48.7	METAL FL END SEC 15	495+36.11	25.79 RT	(733.86)	METAL FL END SEC 15	494+75.82	25.93 RT	(733.75)	0.2%	3.5

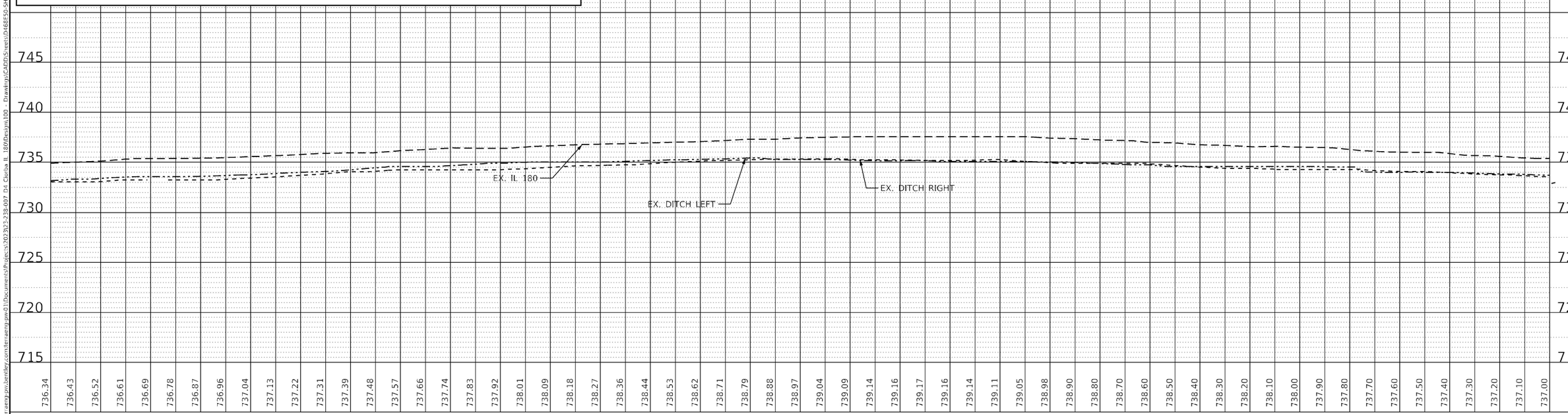
LEGEND

STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION







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TERRA ENGINEERING LTD.

USER NAME = TravisW	DESIGNED - TW	REVISED -	
	DRAWN - TW/BAJ	REVISED -	
PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -	
PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 17 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	188

CONTRACT NO. 68E50

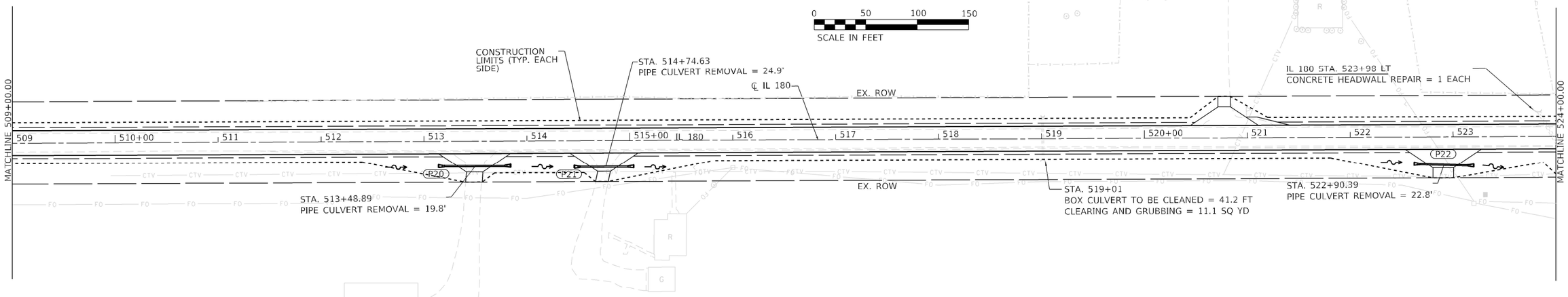
ILLINOIS | FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3

LEGEND

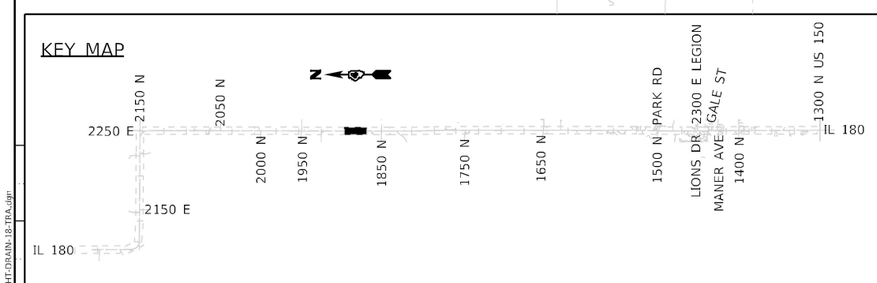
STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION



SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
18	P20	P CUL CL D 1	15	58.5	METAL FL END SEC 15	513+14.22	24.51 RT	(730.78)	METAL FL END SEC 15	513+84.06	25.22 RT	(729.94)	1.2%	4.7
18	P21	P CUL CL D 1	15	46.7	METAL FL END SEC 15	514+46.11	25.12 RT	(729.06)	METAL FL END SEC 15	515+03.74	25.83 RT	(728.3)	1.3%	3.2
18	P22	P CUL CL D 1	15	46.6	METAL FL END SEC 15	522+61.83	25.46 RT	(717.76)	METAL FL END SEC 15	523+20.25	28.28 RT	(715.99)	3.1%	3.2

KEY MAP



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TERRA ENGINEERING LTD.

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PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -
PLOT DATE = 12/18/2024	DATE - 2024/09/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 18 OF 42 SHEETS STA. TO STA.

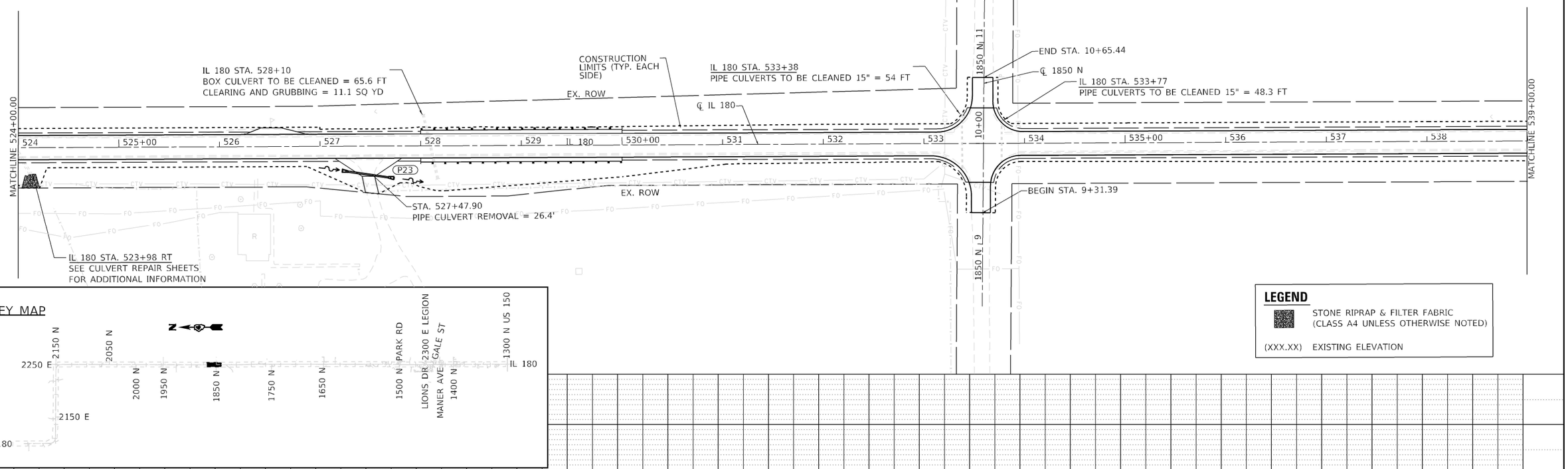
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	189

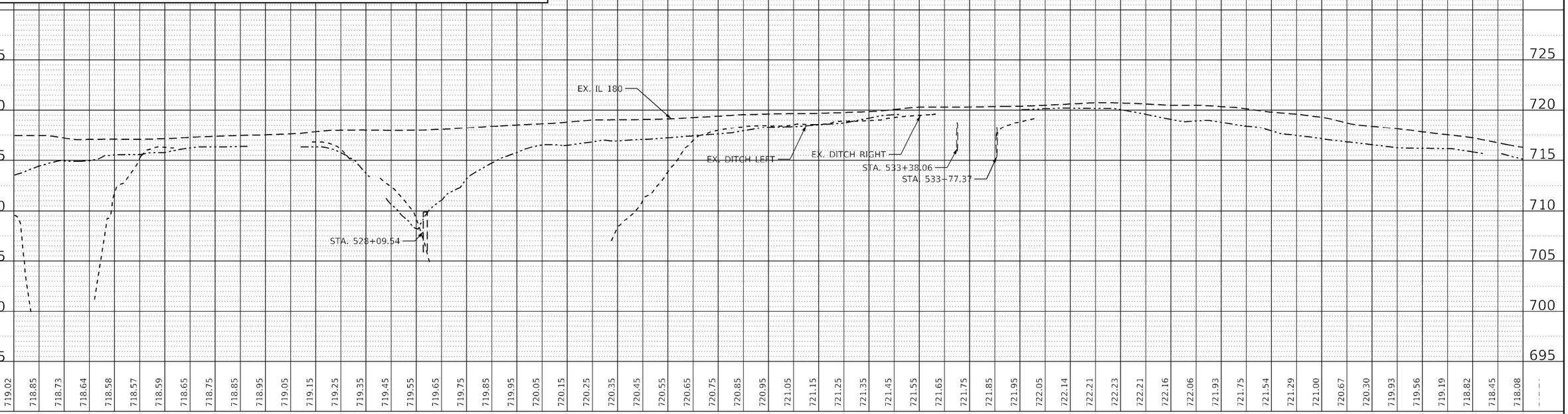
CONTRACT NO. 68E50

ILLINOIS FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3

SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
19	P23	P CUL CL D 1	15	40.6	METAL FL END SEC 15	527+21.87	23.78 RT	(716.75)	METAL FL END SEC 15	527+73.47	31.75 RT	(712.91)	7.4%	2.5





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B.M. NOTED
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TERRA ENGINEERING LTD.

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PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 19 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	190

CONTRACT NO. 68E50

ILLINOIS FED. AID PROJECT

*110RS-5;(111,112,108X-1)W,RS-3

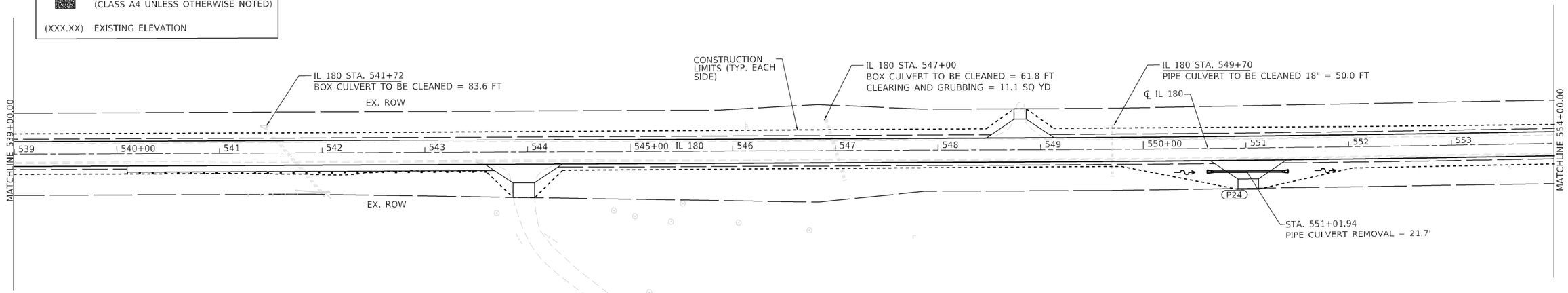
SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
20	P24	P CUL CL D 1	15	67.3	METAL FL END SEC 15	550+62.03	22.64 RT	(698.56)	METAL FL END SEC 15	551+41.00	22.86 RT	(697.47)	1.4%	5.7

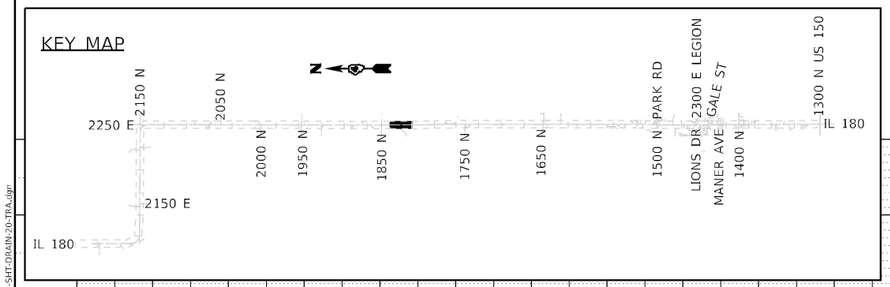
LEGEND

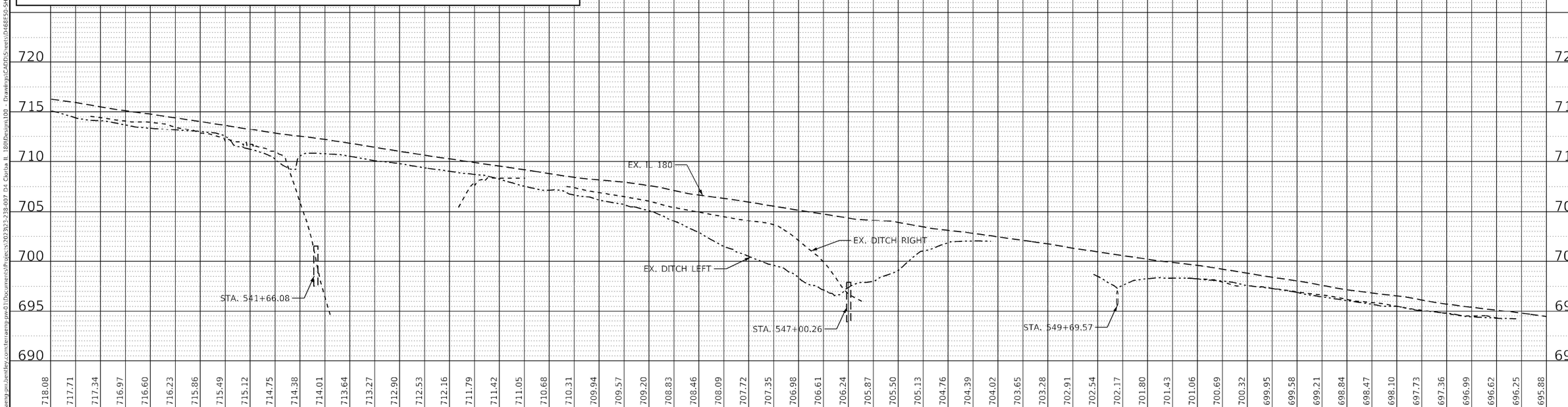
STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION

0 50 100 150
SCALE IN FEET







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TERRA ENGINEERING LTD.

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PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -	
PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

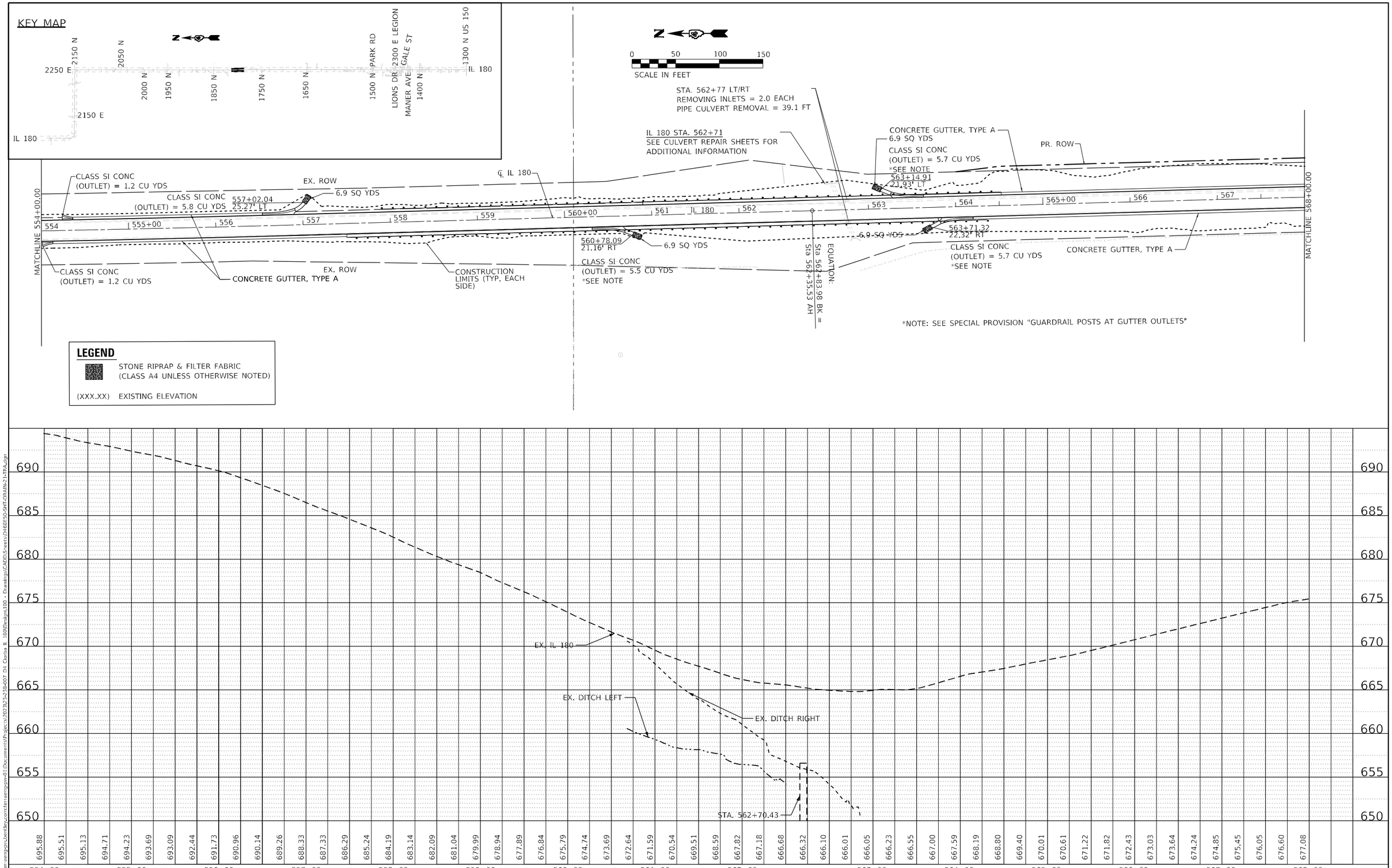
SCALE: SHEET 20 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	191

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3



PLAN
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NOTE BOOK NO.
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GRADES CHECKED
B.M. NOTED
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TERRA ENGINEERING LTD.

USER NAME = TravisW	DESIGNED - TW	REVISED -
	DRAWN - TW/BAJ	REVISED -
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PLOT DATE = 12/18/2024	DATE - 2024/12/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 21 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	192

CONTRACT NO. 68E50

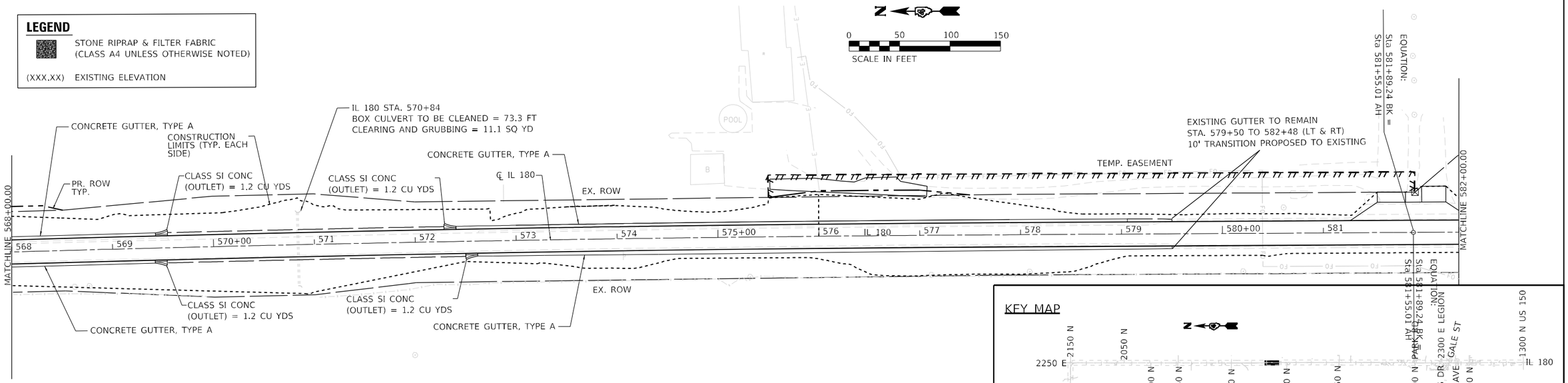
ILLINOIS FED. AID PROJECT

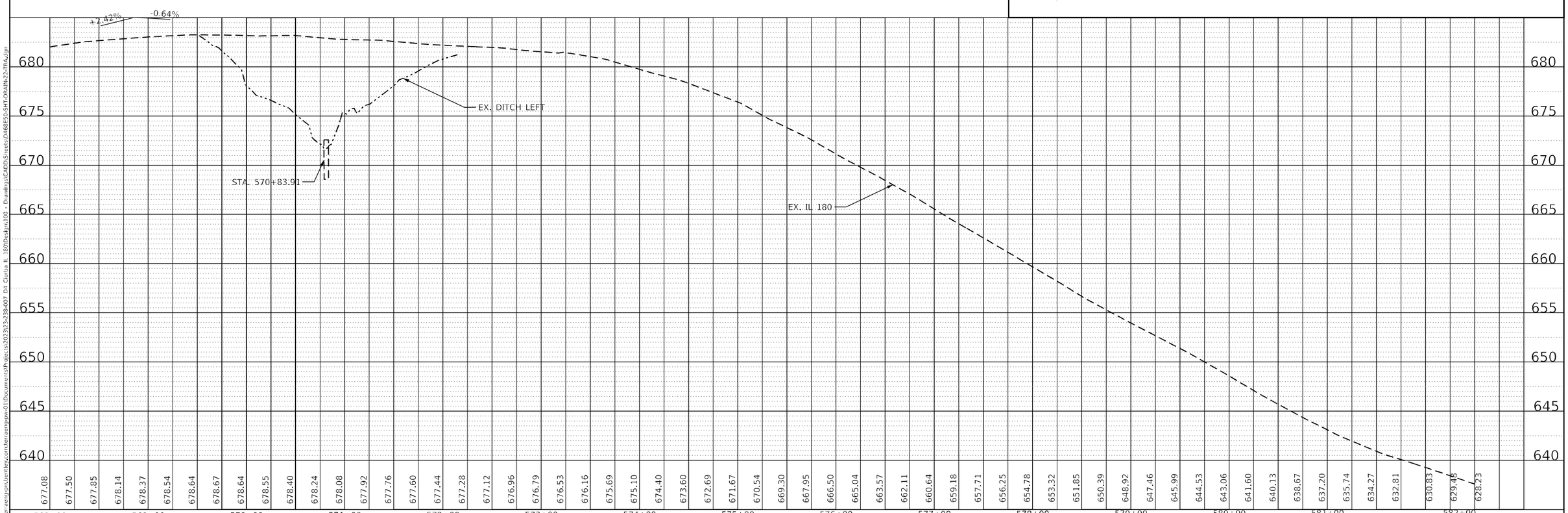
*110RS-5;(111,112,108X-1)W,RS-3

LEGEND

STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION





PLAN			BY	DATE
NOTE BOOK NO.	SURVEYED			
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PROFILE			BY	DATE
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TERRA ENGINEERING LTD.

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PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 22 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	193

CONTRACT NO. 68E50

ILLINOIS FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3

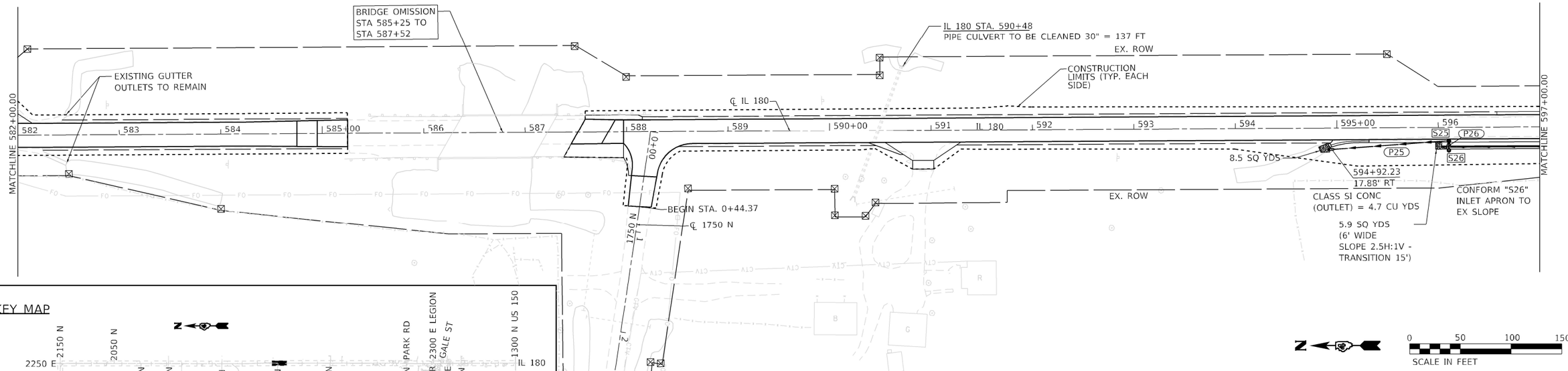
LEGEND

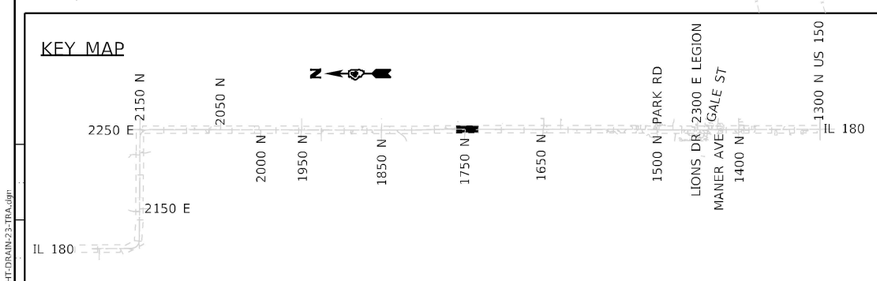
STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

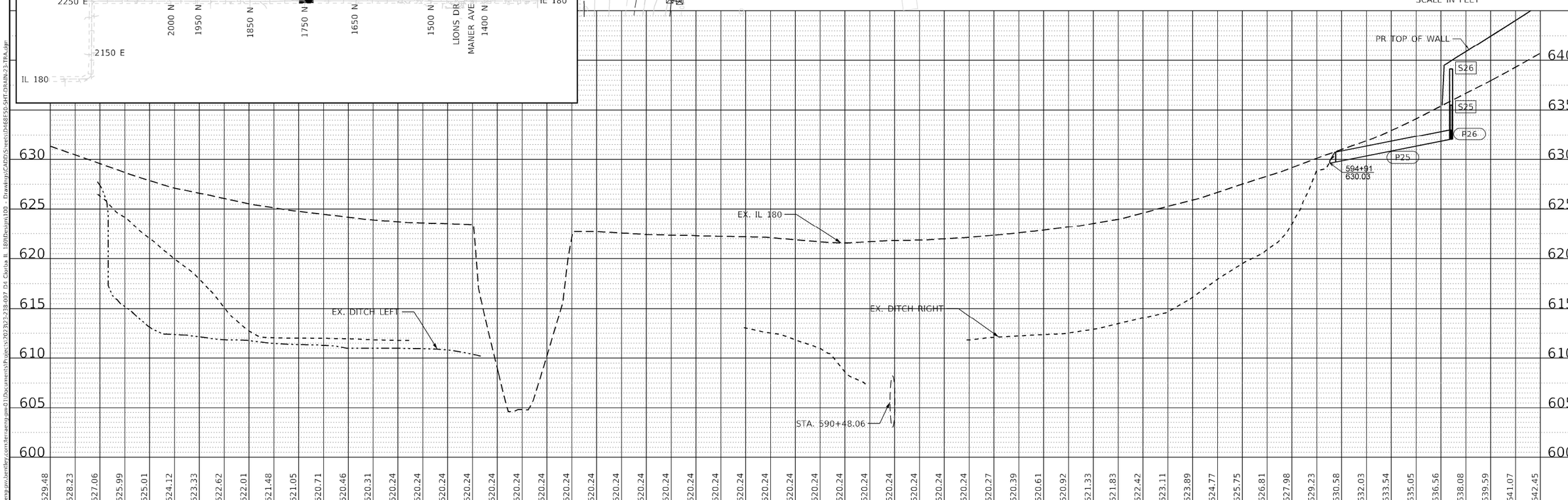
(XXX.XX) EXISTING ELEVATION

SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
23	P25	STORM SEW CL B 1	12	112.0	S25	596+09.90	14.66 RT	632.39	PRC FLAR END SEC 12	594+91.00	21.72 RT	630.03	2.0%	11.8
23	P26	STORM SEW CL B 1	12	6.5	S26	596+10.38	21.50 RT	632.44	S8	596+10.38	15.00 RT	632.4	1.0%	1.1

SHEET	STR ID	STATION	OFFSET	STRUCTURE TYPE	RIM ELEV.	N INVERT	E INVERT	S INVERT	W INVERT
23	S25	596+10.38	13.5 RT	INLETS TB T9F&G	636.04	632.39	-	-	632.4
23	S26	596+10.38	22.5 RT	INLETS TB M INL 604101	639.40	-	632.44	-	-







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TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - TW	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

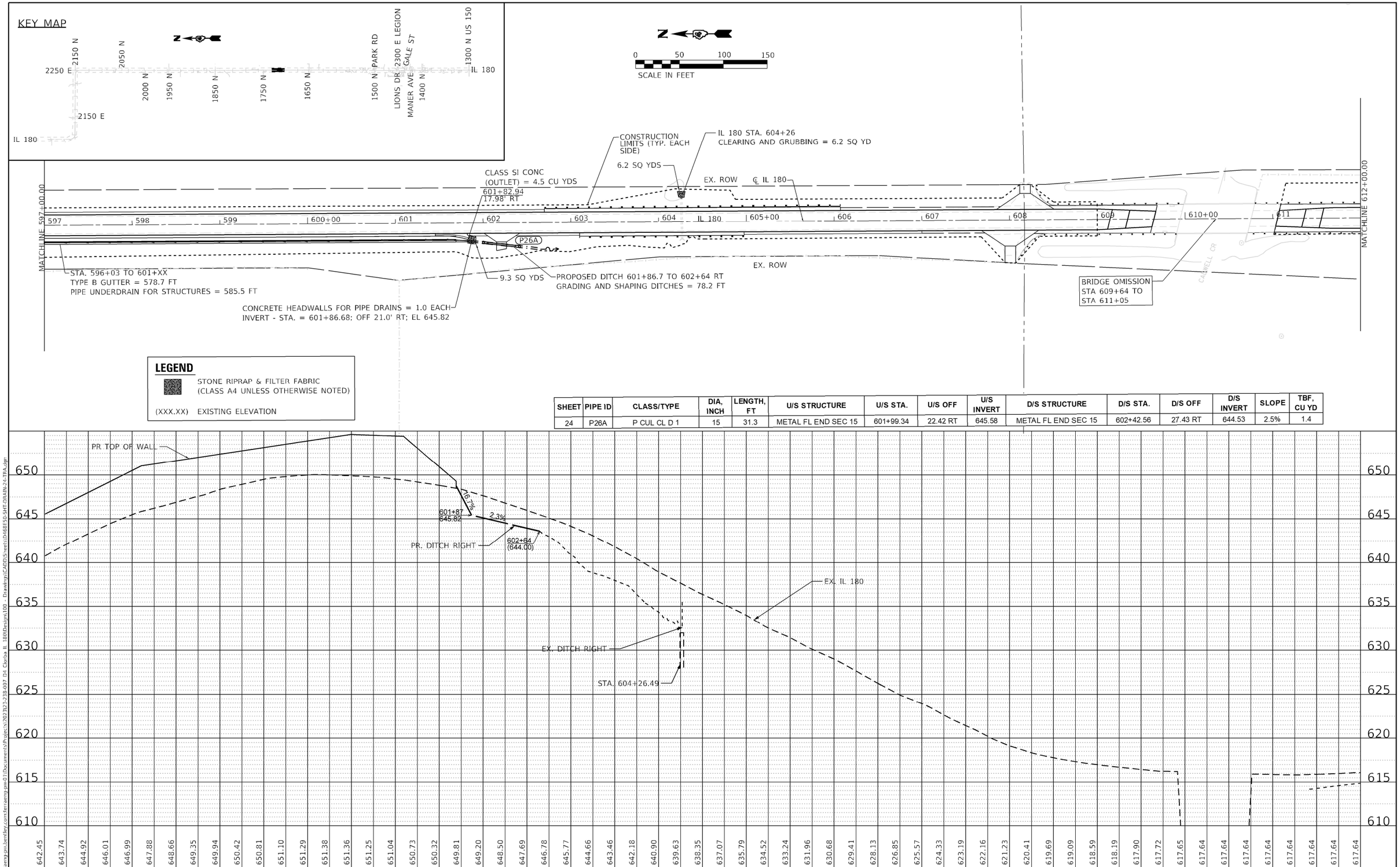
SCALE: | SHEET 23 OF 42 SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	194

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3



LEGEND

STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION

SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
24	P26A	P CUL CL D 1	15	31.3	METAL FL END SEC 15	601+99.34	22.42 RT	645.58	METAL FL END SEC 15	602+42.56	27.43 RT	644.53	2.5%	1.4

PLAN — NOTE BOOK NO.____ — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R/T OF WAY CHECKED / CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO.____ — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD — BY — DATE

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TERRA ENGINEERING LTD.

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PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 24 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	195

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

*110RS-5;(111,112,108X-1)W,RS-3

LEGEND

STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION

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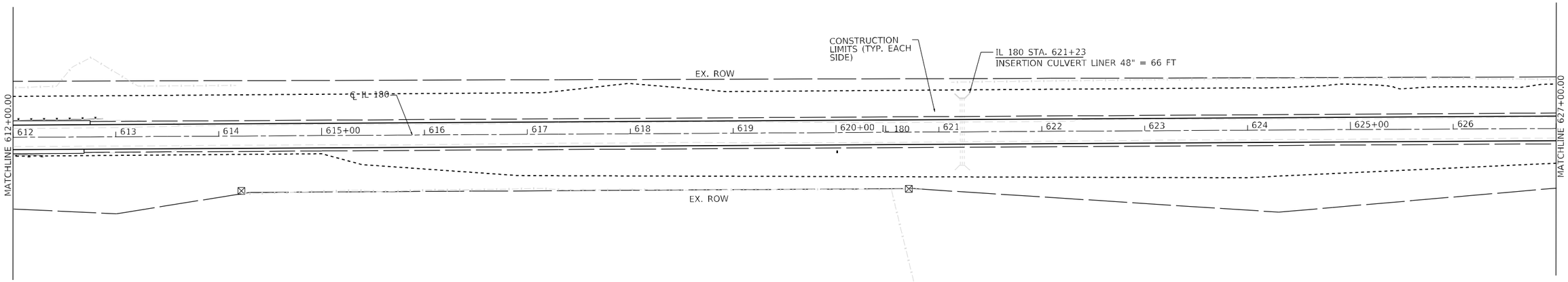

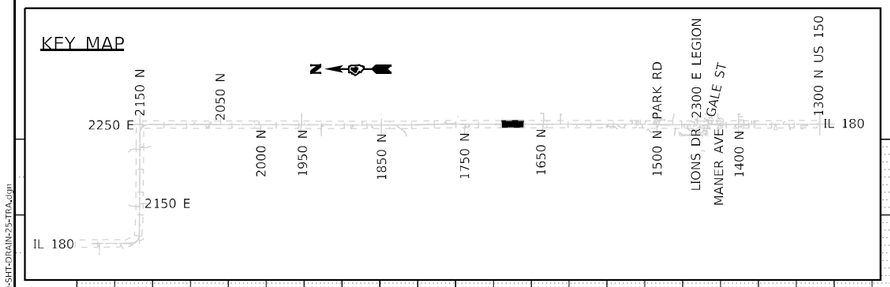

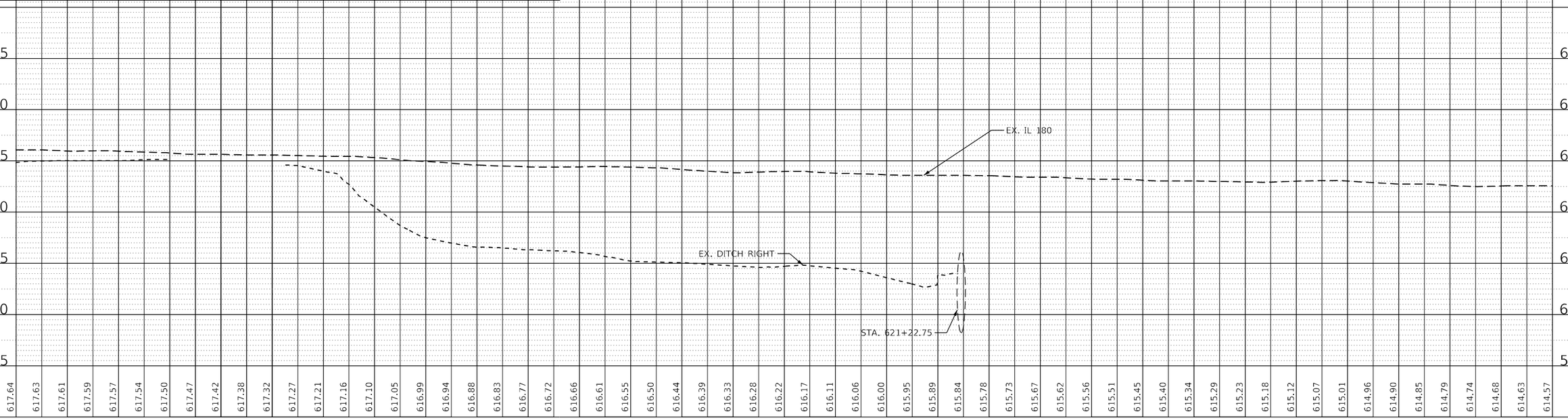

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TERRA ENGINEERING LTD.	USER NAME = TravisW	DESIGNED - TW	REVISED -
		DRAWN - TW/BAJ	REVISED -
	PLOT SCALE = 100.0002 ' / in.	CHECKED - CL	REVISED -
	PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 25 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	196
		CONTRACT NO. 68E50		
		ILLINOIS FED. AID PROJECT		

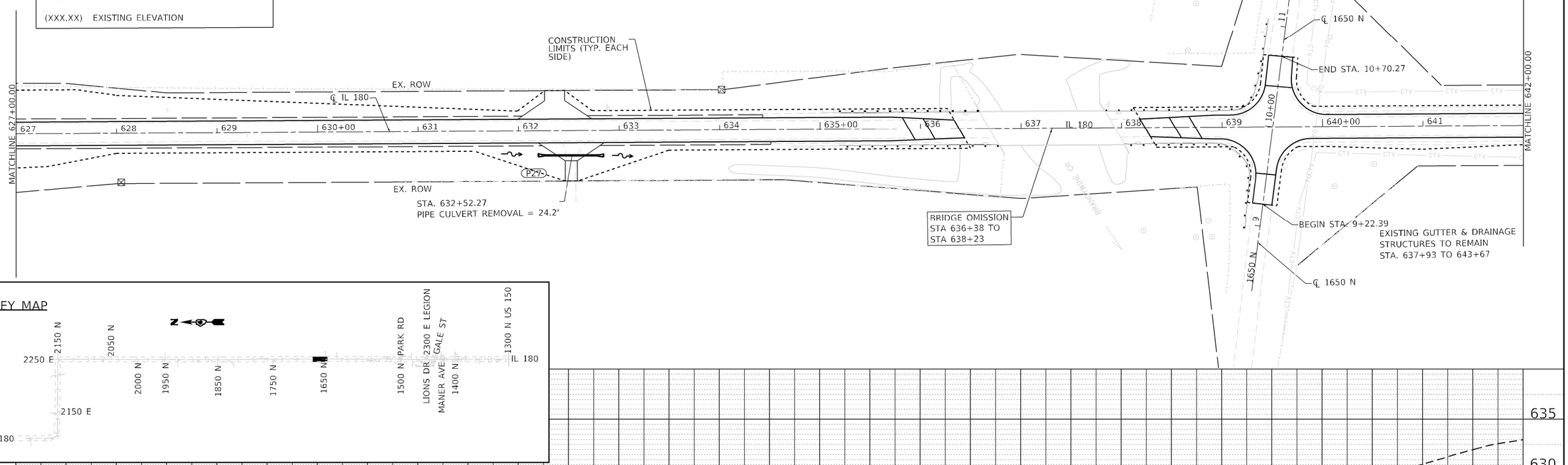
*110RS-5:(111,112,108X-1)W,RS-3

SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
26	P27	P CUL CL D 1	15	53.8	METAL FL END SEC 15	632+19.72	23.27 RT	(610.9)	METAL FL END SEC 15	632+84.41	24.81 RT	(608.34)	4.0%	4.1

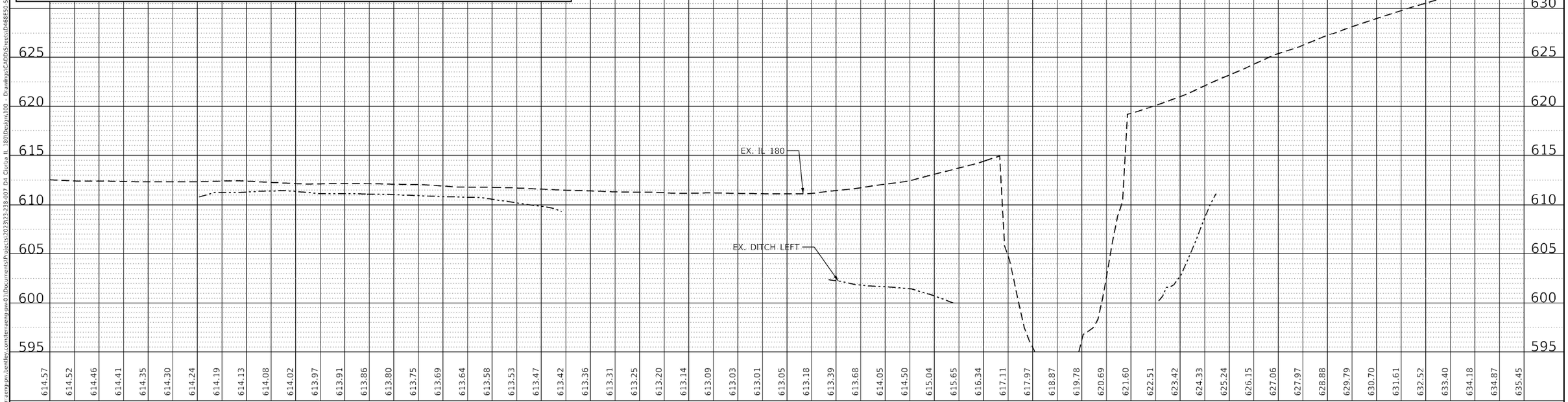
LEGEND

STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION



KEY MAP



PLAN — NOTE BOOK NO.____ — SURVEYED ____ PLOTTED ____ ALIGNMENT CHECKED ____ RT. OF WAY CHECKED ____ CADD FILE NAME ____ — BY ____ DATE ____

PROFILE — NOTE BOOK NO.____ — SURVEYED ____ PLOTTED ____ GRADES CHECKED ____ B.M. NOTED ____ STRUCTURE NOTATNS CHKD ____ — BY ____ DATE ____

MODEL: Default
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PLOT DATE = 12/18/2024	DATE - 2024/03/18	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 26 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	197

CONTRACT NO. 68E50

ILLINOIS FED. AID PROJECT

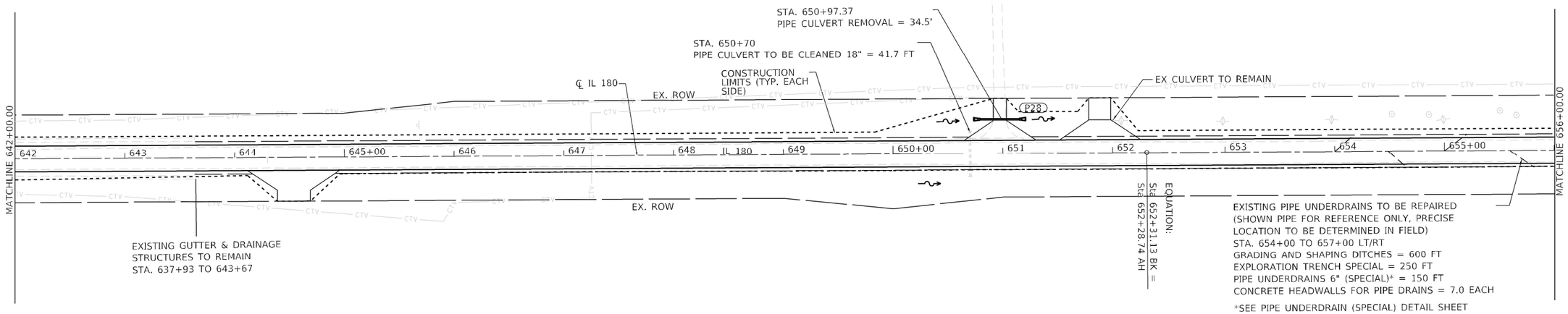
*110RS-5:(111,112,108X-1)W,RS-3

LEGEND

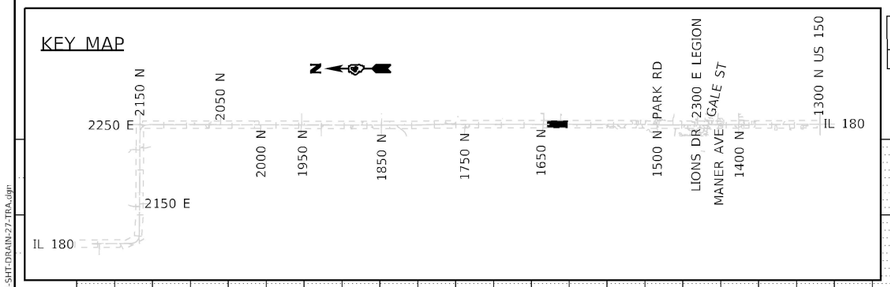
STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION

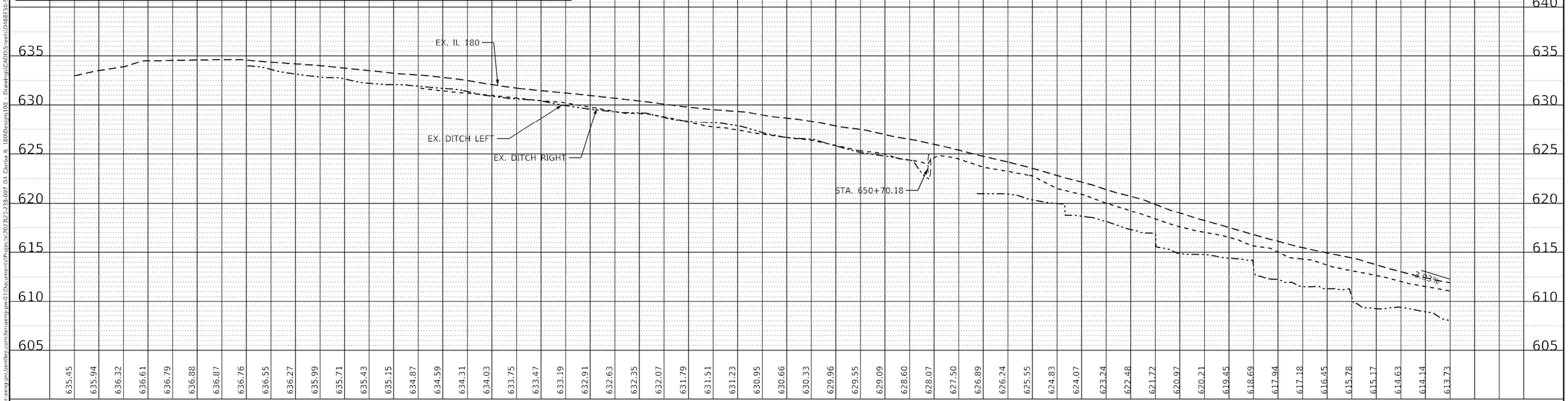
0 50 100 150
SCALE IN FEET



KEY MAP



SHEET	PIPE ID	CLASS/TYPE	DIA, INCH	LENGTH, FT	U/S STRUCTURE	U/S STA.	U/S OFF	U/S INVERT	D/S STRUCTURE	D/S STA.	D/S OFF	D/S INVERT	SLOPE	TBF, CU YD
27	P28	P CUL CL D 1	15	35.8	METAL FL END SEC 15	650+73.68	31.19 LT	(622.9)	METAL FL END SEC 15	651+21.02	30.64 LT	(621.41)	3.2%	1.9



PLAN: SURVEYED / PLOTTED / GRADES CHECKED / R.T. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE

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PLOT DATE = 12/18/2024	DATE - 2024/09/18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 27 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	198

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3

LEGEND

STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION

0 50 100 150
SCALE IN FEET

BRIDGE OMISSION
STA 666+94 TO
STA 671+85

EX. ROW

CONSTRUCTION LIMITS (TYP. EACH SIDE)

℄ IL 180

MATCHLINE 656+00.00

656 657 658 659 660+00 661 662 663 664 665+00 666 667 668 669 670+00

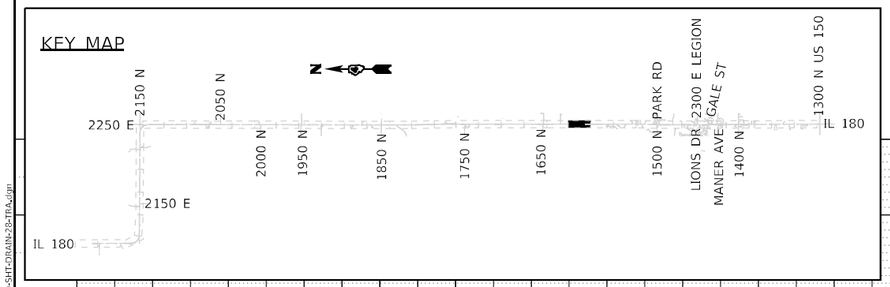
MATCHLINE 671+00.00

EX CULVERT TO REMAIN

EXISTING PIPE UNDERDRAINS TO BE REPAIRED (SHOWN PIPE FOR REFERENCE ONLY, PRECISE LOCATION TO BE DETERMINED IN FIELD) STA. 654+00 TO 657+00 SEE PREVIOUS SHEET FOR QUANTITIES

EX. ROW

KEY MAP



EX. IL 180

0.00%

EX. DITCH RIGHT

EX. DITCH LEFT

610 605 600 595 590 585 580

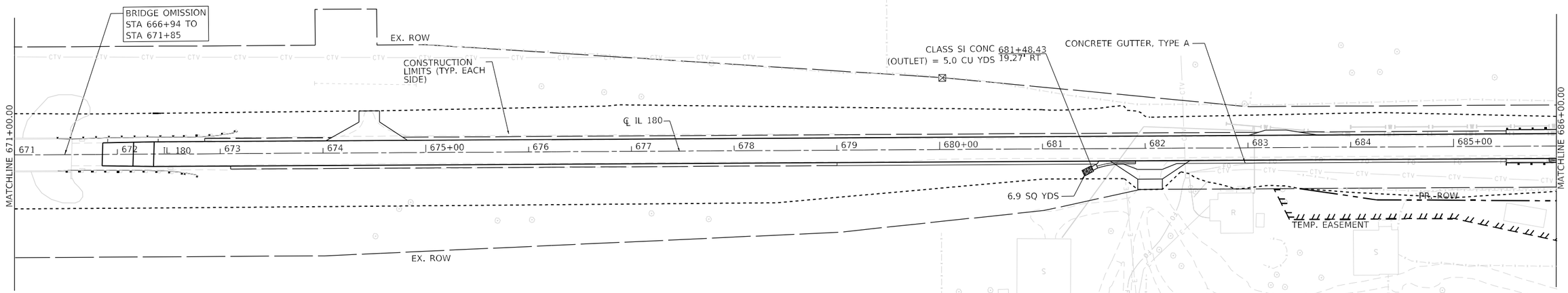
613.73 613.37 613.08 612.85 612.69 612.59 612.55 612.55 612.55

LEGEND

STONE RIPRAP & FILTER FABRIC (CLASS A4 UNLESS OTHERWISE NOTED)

(XXX.XX) EXISTING ELEVATION

0 50 100 150
SCALE IN FEET



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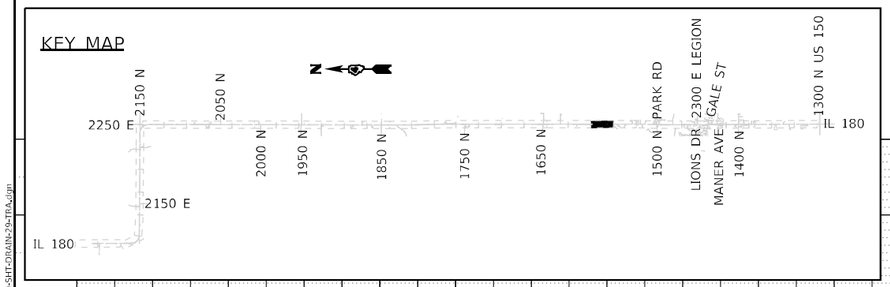

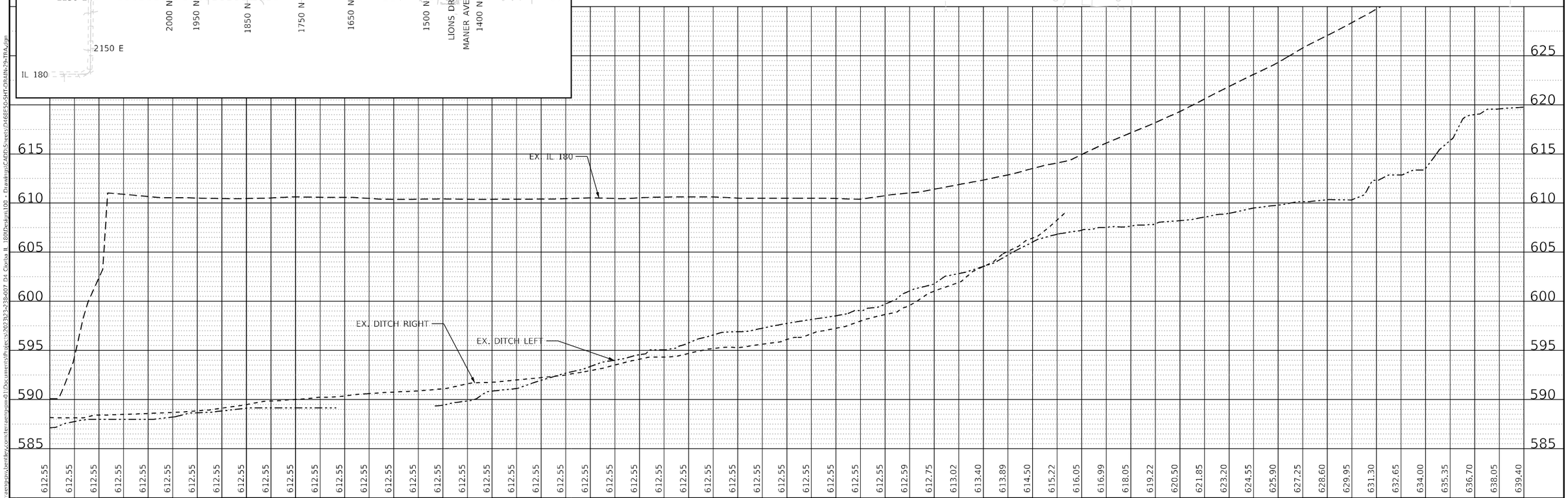

PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
R/ OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILES
IL 180

SCALE: SHEET 29 OF 42 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1195	*	KNOX	409	200

CONTRACT NO. 68E50

ILLINOIS | FED. AID PROJECT

*110RS-5:(111,112,108X-1)W,RS-3