

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES AND COMMITMENTS
- 3 - 5 SUMMARY OF QUANTITIES
- 6 TYPICAL SECTIONS
- 7 BRIDGE TYPICAL SECTION
- 8 - 9 SCHEDULES
- 10 - 22 PLAN AND PROFILE SHEETS
- 23 - 28 EROSION CONTROL SHEETS
- 29 - 34 REMOVAL SHEETS
- 35 - 41 PAVEMENT MARKING AND SIGNING SHEETS
- 42 PARKING LOT GRADING DETAIL
- 43 - 45 INTERSECTION DETAILS
- 46 - 50 CONSTRUCTION DETAILS
- 51 - 55 CROSS SECTIONS

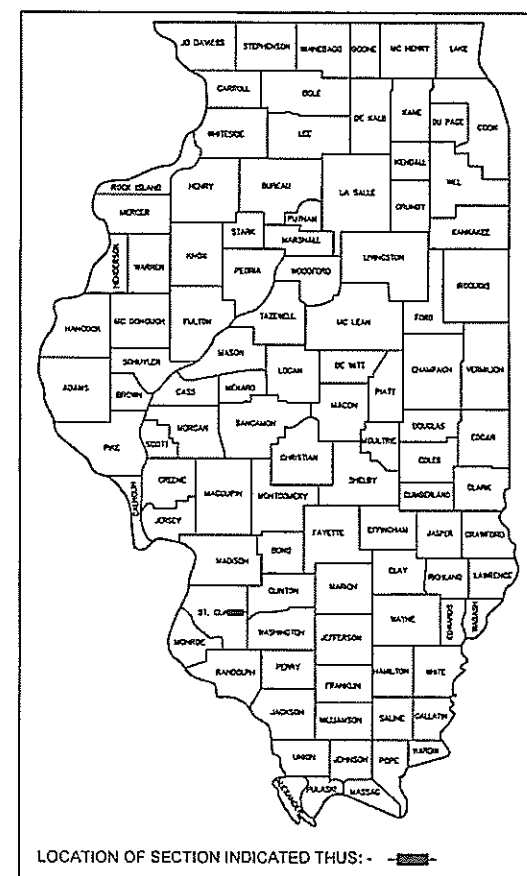
08-01-2025 LETTING ITEM 085

CITY OF MASCOUTAH ST. CLAIR COUNTY, ILLINOIS

PLANS FOR PROPOSED

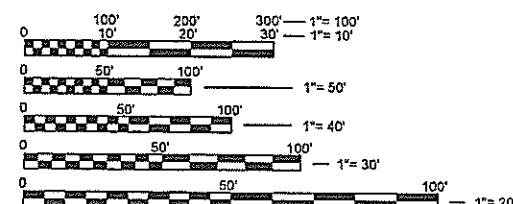
ITEP FUNDS CITY OF MASCOUTAH L & N AVENUE SHARED USE PATH CONSTRUCTION & BRIDGE IMPROVEMENTS SECTION: 21-00028-00-BT ST. CLAIR COUNTY JOB NO.: c-98-029-24

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1	1	ST. CLAIR	66	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 97863	



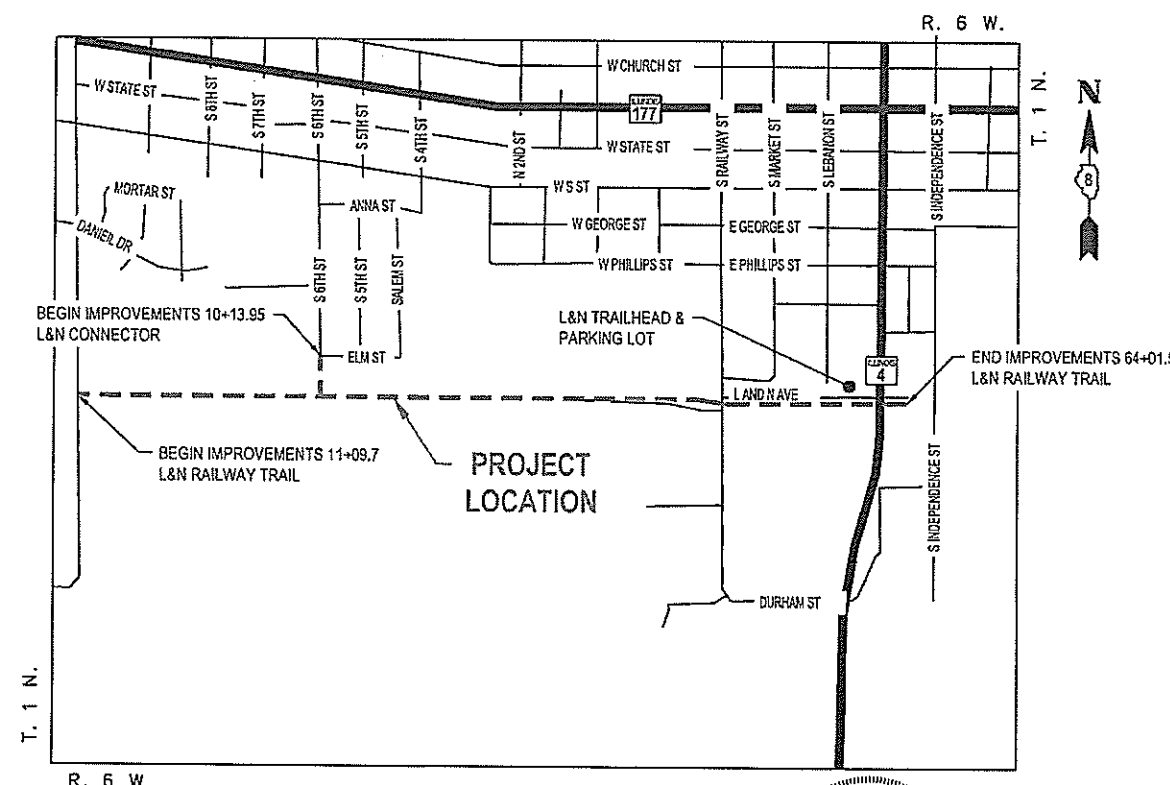
SCALE IN FEET

PLAN	1" = 20'
PROFILE HORIZ	1" = 20'
PROFILE VERT	1" = 5'
CROSS SECTION HORIZ	1" = 10'
CROSS SECTION VERT	1" = 5'



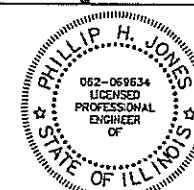
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



LOCATION MAP

SCALE: 1" = 500'
LENGTH OF PROJECT = 5292 FEET (1.002 MILES)



Phillip H. Jones
PHILLIP H. JONES, P.E.
LICENSE EXPIRES: 11/30/2025
DATE: 03/21/2025

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	<i>Pat McManhan</i> 3/20/25 DATE
PAT MCMAHMAN MAYOR OF MASCOUTAH	
PASSED	4-9-2025 DATE
<i>[Signature]</i> DISTRICT 6 ENGINEER OF LOCAL ROADS & STREETS	
RELEASING FOR BID BASED ON LIMITED REVIEW	040925 DATE
<i>Kensil A. Garnett</i> REGION 5 ENGINEER	



100 Lanter Court, Suite 1
Collinsville, IL 62234
618.345.2200
www.oatesassociates.com
Collinsville St. Louis Belleville St. Charles
ILLINOIS DESIGN FIRM LICENSE NO. 154 001118

GENERAL NOTES

UTILITIES

1.

EXISTING UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. NON-J.U.L.I.E. MEMBERS MUST BE CONTACTED DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.
2.

ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER. THE COST OF ANY NECESSARY RELOCATIONS SHALL BE INCURRED BY THE OWNER UNLESS NOTED OTHERWISE AND IF PRIOR AGREEMENTS ARE NOT IN PLACE.
3.

ABOVE-GROUND UTILITY FACILITIES OR APPURTENANCES SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS TO PROVIDE A MINIMUM HORIZONTAL CLEARANCE OF 1.5 FEET, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
4.

THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. REFER TO THE "STATUS OF UTILITIES TO BE ADJUSTED" SPECIAL PROVISION FOR ADDITIONAL INFORMATION.

AMEREN IL (GAS)

CITY OF MASCOUTAH (ELECTRIC)

700 OAKWOOD AVENUE

3 WEST MAIN STREET

ALTON, IL 62002

MASCOUTAH, IL 62258

(618) 463-4041

CONTACT: LARRY RASCH

(618) 566-2964 EXT. 502

CHARTER COMMUNICATIONS (CATV)

CITY OF MASCOUTAH (SEWER AND WATER)

210 W DIVISION ST

3 WEST MAIN STREET

MARYVILLE, IL 62062

MASCTOUAH, IL 62258

CONTACT: JAMIE JONES

CONTACT: KIM SIMPSON

(618) 407-5814

(618) 566-2964 EXT. 100

FRONTIER (FIBER)

HOYLETON, IL 62263

CONTACT: MICHAEL RAKERS

(618) 318-6646

THE ABOVE INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE OWNER AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.

JOINT UTILITY LOCATING INFORMATION FOR EXCAVATIONS
PHONE: 800-892-0123

4.

THE CONTRACTOR SHALL KEEP ALL UTILITIES IN SERVICE DURING CONSTRUCTION OPERATIONS. MEANS & METHODS TO ACCOMPLISH THIS ARE THE CONTRACTOR'S RESPONSIBILITY, BUT SOME EXAMPLES INCLUDE POTHOLING TO AVOID DISRUPTION, SHORING TO LIMIT EXCAVATION, PUMPING TO MAINTAIN FLOW, AND TEMPORARY SUPPORTING TO MAINTAIN STABILITY.
5.

SHOULD UNCHARTED OR INCORRECTLY CHARTED UTILITIES BE ENCOUNTERED DURING EXCAVATION, THE CONTRACTOR SHALL CONSULT WITH THE UTILITY OWNER AND ENGINEER IMMEDIATELY FOR DIRECTIONS. THE CONTRACTOR SHALL COOPERATE WITH THE SERVICES AND FACILITIES IN OPERATION AND REPAIR DAMAGED UTILITIES TO THE SATISFACTION OF THE UTILITY OWNER. IF THE UTILITY OWNER IS FOUND NOT RESPONSIBLE, THE COST TO REPAIR DAMAGED UTILITIES UNCHARTED OR INCORRECTLY CHARTED WILL BE CONSIDERED AN UNFORESEEN CONDITION AND WILL BE PAID FOR AT AN AGREED UPON PRICE OR ON A TIME AND MATERIAL BASIS.
6.

ALL EXISTING UTILITY ACCESS COVERS SUCH AS MANHOLES, VALVE BOXES, VAULT COVERS, METER COVERS, AND OTHER SURFACE APPURTENANCES - EVEN IF THERE IS NO SPECIFIC CALLOUT - SHALL BE ADJUSTED TO THE PROPER FINISH GRADE ELEVATION ACCORDING TO THE REQUIREMENTS OF THE AFFECTED UTILITY COMPANY.

GENERAL

7.

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR, OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. IF ANY PROPERTY MARKER IS TO REMAIN AND IS DAMAGED, IT SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AS DIRECTED BY THE ENGINEER OR OWNER.
8.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
9.

THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
10.

THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
11.

THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. FERTILIZER, SEEDING AND MULCH WITHIN THE CONSTRUCTION LIMITS WILL BE PAID FOR AS PROVIDED IN THE CONTRACT. FERTILIZER, SEEDING AND MULCH OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
12.

WHERE TREE REMOVAL CONFLICTS WITH EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL CUT THE TREE OFF AT THE GROUND LINE AND GRIND

THE STUMP AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS TREE REMOVAL ITEMS INCLUDED IN THE CONTRACT.

13.

IF ASH TREES ARE TO BE REMOVED FROM THE PROJECT, THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. IDOA INFORMATION REGARDING ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT WWW.AGR.STATE.IL.US/EAB.
14.

ALL EXISTING ROADWAY FEATURES INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURB, SIDEWALK, CULVERTS, HEADWALLS, RIPRAP, FENCING, RETAINING WALLS, WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS.
15.

ANY EXCESS EARTH EXCAVATION OR UNSUITABLE MATERIAL ENCOUNTERED DURING CONSTRUCTION SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AND LEGALLY DISPOSED OR REPLACED WITH SUITABLE MATERIAL AS APPROVED BY THE ENGINEER.
16.

FULL DEPTH SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM INVOLVED IN ACCORDANCE WITH SECTION 440 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
17.

AT THE CONCLUSION OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS FOR THE OWNER'S RECORDS.

EARTHWORK

18.

THE CONTRACTOR SHALL CONTACT THE ENGINEER DURING SUBGRADE PREPARATION AND PRIOR TO SOIL MODIFICATION TO DETERMINE THE NECESSITY OF THE PROPOSED SUBGRADE IMPROVEMENT. IF THE SUBGRADE IS FOUND NOT TO REQUIRE REMEDIAL PROCEDURES, THE SOIL MODIFICATION AND MODIFIER MAY BE DELETED.

PAVEMENT MARKING

16.

THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.

SYMBOLS & ABBREVIATIONS

18.

THE FOLLOWING SYMBOLS AND ABBREVIATIONS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

AD	ALGEBRAIC DIFFERENCE IN GRADE
BVCE	BEGINNING OF VERTICAL CURVE ELEVATION
BVCS	BEGINNING OF VERTICAL CURVE STATION
BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
ESMT	EASEMENT
ELEV	ELEVATION
EVCE	END OF VERTICAL CURVE ELEVATION
EVCS	END OF VERTICAL CURVE STATION
K	LENGTH OF VERTICAL CURVE PER PERCENT GRADE DIFFERENCE
N/F	NOW OR FORMERLY
O/C	OIL AND CHIP
PERM	PERMANENT
PVI	POINT OF VERTICAL INTERSECTION
PVC	POLYVINYL CHLORIDE PIPE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TUP	TEMPORARY USE PERMIT
TBA	TO BE ADJUSTED
TBRL	TO BE RELOCATED
TBR&R	TO BE REMOVED AND REPLACED
TYP	TYPICAL
W	WIDTH

COMMITMENTS

1.

A FLASHING BEAVON WILL BE INSTALLED WHERE THE TRAIL CROSSES IL 4.
2.

TREES THREE (3) INCHES IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR.

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
424026-04	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-07	PRECAST MANHOLE-TYPE A - 4 FT DIAMETER
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
606001-08	CONCRETE CURB TYPE B & COMBINATION CURB & GUTTER
701001-02	OFF-RD OPERATIONS 2L 2W MORE THAN 15FT
701006-05	OFF-RD OPERATIONS 2L 2W 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
725001-01	OBJECT AND TERMINAL MARKERS



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ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME =	PHILLIP JONES	DESIGNED -	_____	REVISED -	
		DRAWN -	_____	REVISED -	
PLOT SCALE =	4 41/64" = 1'	CHECKED -	_____	REVISED -	
PLOT DATE =	2025-06-18	DATE -	_____	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE:	SHEET NO. <u>1</u> OF <u>1</u> SHEETS	STA. _____ TO STA. _____
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
_____	21-00028-00-BT	ST. CLAIR	66	2
CONTRACT NO. 97863				
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

FILE NAME = 222015 - SUMMARY OF QUANTITIES.DWG

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
						ST. CLAIR COUNTY
						0028 100% STATE
X		20100500	TREE REMOVAL, ACRES	ACRE	3	3
	X	20200100	EARTH EXCAVATION	CU YD	1,920	1,920
	X	20800150	TRENCH BACKFILL	CU YD	55	55
	X	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	7,649	7,649
X	X	25000115	SEEDING, CLASS 1B	ACRE	2	2
X		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	143	143
X		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	143	143
X		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	143	143
X		25100115	MULCH, METHOD 2	ACRE	2	2
X		25100630	EROSION CONTROL BLANKET	SQ YD	1,113	1,113
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	158	158
		28000305	TEMPORARY DITCH CHECKS	FOOT	168	168
		28000400	PERIMETER EROSION BARRIER	FOOT	11,145	11,145
		28000500	INLET AND PIPE PROTECTION	EACH	6	6

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
	X	28100105	STONE RIPRAP, CLASS A3	SQ YD	34	34
		28200200	FILTER FABRIC	SQ YD	25	25
X	X	30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	7,339	7,339
X	X	30201500	LIME	TON	198	198
		35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	7,346	7,346
		40200300	AGGREGATE SURFACE COURSE, TYPE A 4"	SQ YD	72	72
		40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	14,157	14,157
		40604000	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50	TON	1,061	1,061
		40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	9	9
X		42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	660	660
		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	36	36
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2,124	2,124
X		42400800	DETECTABLE WARNINGS	SQ FT	212	212
		44000100	PAVEMENT REMOVAL	SQ YD	214	214



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USER NAME =	PHILLIP JONES	DESIGNED -	---	REVISED -	---
		DRAWN -	---	REVISED -	---
PLOT SCALE =	4 41/64" = 1'	CHECKED -	---	REVISED -	---
PLOT DATE =	2025-08-18	DATE -	---	REVISED -	---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET NO. 1 OF 3 SHEETS	STA. _____ TO STA. _____
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	21-00028-00-BT	ST. CLAIR	66	3
CONTRACT NO. 97863				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

FILE NAME = 222015 - SUMMARY OF QUANTITIES.DWG

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
		44000300	CURB REMOVAL	FOOT	303	303
		44000600	SIDEWALK REMOVAL	SQ FT	14	14
	X	50104000	BRIDGE RAIL REMOVAL	FOOT	148	148
	X	50105220	PIPE CULVERT REMOVAL	FOOT	47	47
X	X	50901720	BICYCLE RAILING	FOOT	148	148
		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2
		54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1
	X	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	107	107
	X	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	82	82
		60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1
		60600605	CONCRETE CURB, TYPE B	FOOT	561	561
		60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	57	57
		60605100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (ABUTTING EXISTING PAVEMENT)	FOOT	159	159
X		63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	13	13

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
X		66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	75	75
X		66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1
X		66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1
X		66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5	5
X		66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2
		67100100	MOBILIZATION	L SUM	1	1
X		72000100	SIGN PANEL - TYPE 1	SQ FT	154	154
X	X	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	100	100
X	X	73000100	WOOD SIGN SUPPORT	FOOT	200	200
X		78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	5,342	5,342
X		78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	40	40
X		78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	105	105
		X6024240	INLETS (SPECIAL)	EACH	1	1
X	X	X6640628	WOOD POST AND RAIL FENCE	FOOT	162	162



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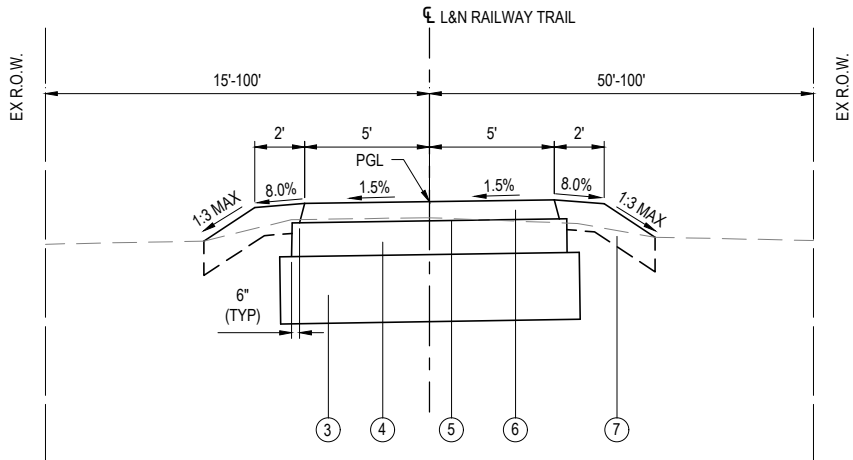
USER NAME =	PHILLIP JONES	DESIGNED -	___	REVISED -	___
		DRAWN -	___	REVISED -	___
PLOT SCALE =	4 41/64" = 1'	CHECKED -	___	REVISED -	___
PLOT DATE =	2025-06-18	DATE -	___	REVISED -	___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

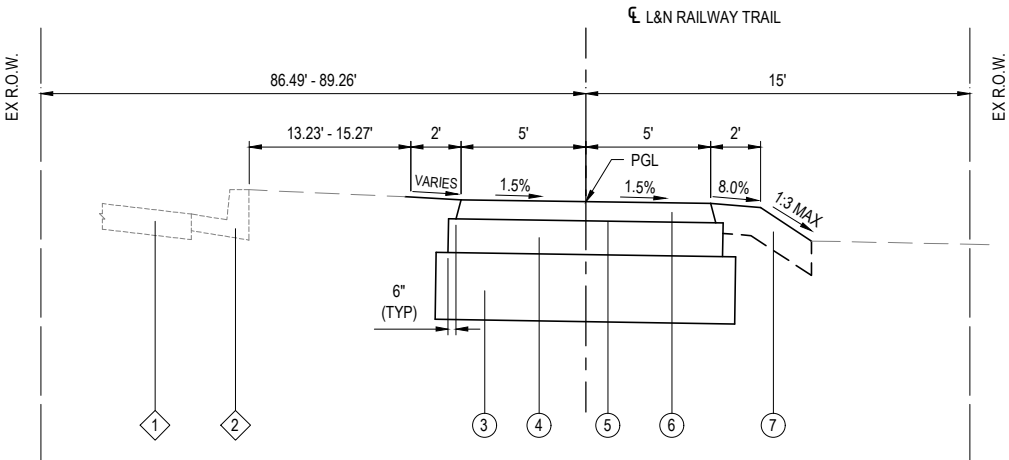
SCALE:	SHEET NO. 2 OF 3 SHEETS	STA. _____ TO STA. _____
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
___	21-00028-00-BT	ST. CLAIR	66	4
CONTRACT NO. 97863				
FED. ROAD DIST. NO. ___ ILLINOIS FED. AID PROJECT				



L&N RAILWAY TRAIL

INTERSECTION OMISSION STA. 11+00.0 TO STA. 11+20.0 (S TENTH ST)
STA. 11+20.0 TO STA. 40+50.4
BRIDGE OMISSION STA. 40+53.4 TO STA. 41+27.1 (HOG RIVER)
STA. 41+27.1 TO STA. 53+06.8
INTERSECTION OMISSION STA. 53+06.8 TO STA. 53+51.3 (S RAILWAY ST)



L&N RAILWAY TRAIL

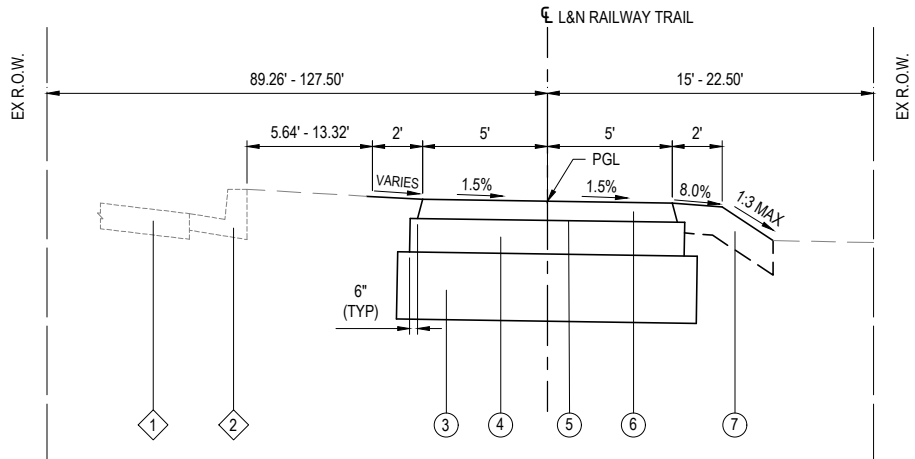
STA. 53+51.3 TO STA. 60+00.0

TYPICAL SECTION LEGEND

- 1 EXISTING PAVEMENT
- 2 EXISTING CURB AND GUTTER
- 3 PROPOSED MODIFIED SOIL 12"
- 4 PROPOSED AGGREGATE BASE COURSE , TYPE A 6"
- 5 PROPOSED BIT. MATERIALS PRIME COAT
- 6 PROPOSED HOT - MIX SURFACE COURSE 3" (INCREASE TO 4" FOR CONNECTOR TRAIL)
- 7 PROPOSED PROPOSED TOPSOIL FURNISH AND PLACE, 4"

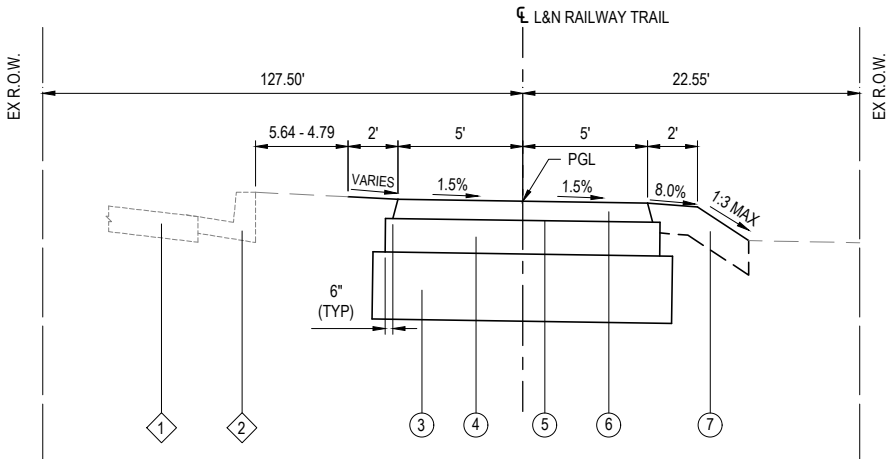
HMA MIXTURES TABLE

LOCATION	L&N RAILWAY TRAIL	CONNECTOR TRAIL	HMA PAVEMENT (SIDE STREETS)
MIXTURE USE	SURFACE COURSE	SURFACE COURSE	SURFACE COURSE
THICKNESS	3"	4"	VARIABLE DEPTH
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	15%	15%	15%
DESIGN AIR Voids	4.0% @ NDES = 50	4.0% @ NDES = 50	4.0% @ NDES = 70
MIX COMPOSITION	IL-9.5 FG	IL-9.5 FG	IL-9.5
FRICTION AGG	MIXTURE "C"	MIXTURE "C"	MIXTURE "C"



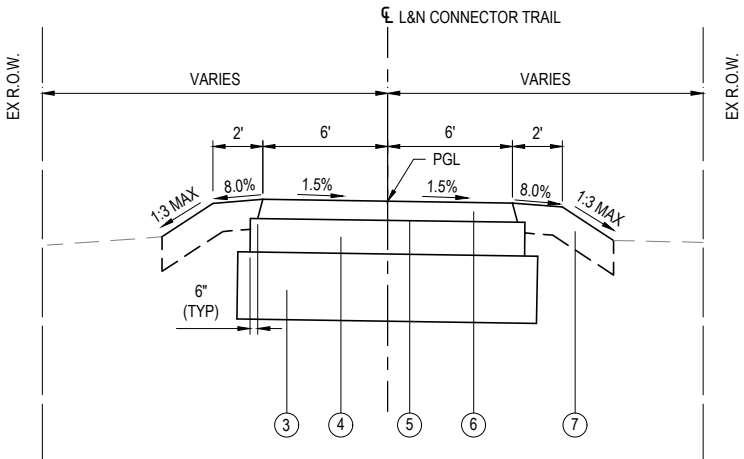
L&N RAILWAY TRAIL

STA. 60+00 TO STA. 60+54.91



L&N RAILWAY TRAIL

STA. 60+54.91 TO STA. 63+60.8
INTERSECTION OMISSION STA. 63.60.8 TO STA 63.91.5 (IL 4)



L&N CONNECTOR TRAIL

STA. 10+11.01 TO STA. 11+58.03

FILE NAME = 222015 - TYPICAL SECTIONS.DWG



ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

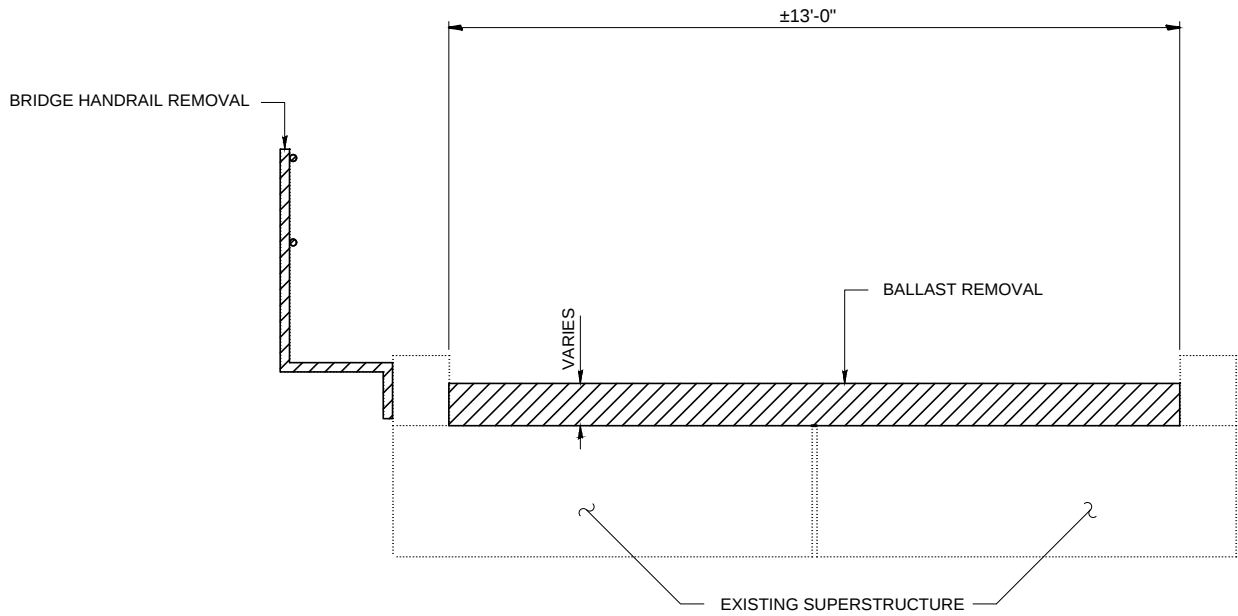
USER NAME =	PHILLIP JONES	DESIGNED -	---	REVISED -	---
PLOT SCALE =	4 41/64" = 1'	DRAWN -	---	REVISED -	---
PLOT DATE =	2025-06-23	CHECKED -	---	REVISED -	---
		DATE -	---	REVISED -	---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

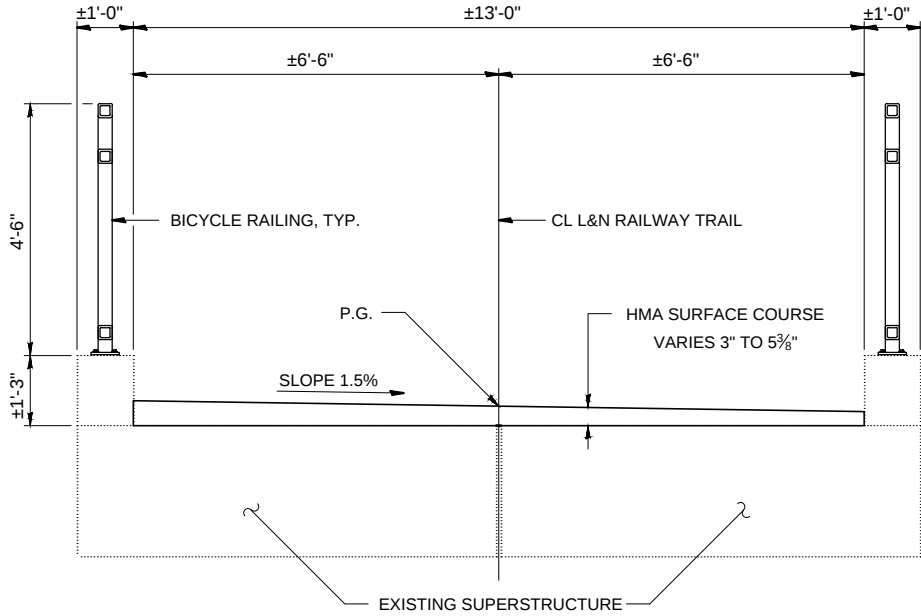
SCALE: SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	21-00028-00-BT	ST. CLAIR	66	6
CONTRACT NO. 97863				
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



EXISTING BRIDGE TYPICAL SECTION

STA. 40+53.4 TO STA. 41+27.1 (HOG RIVER)



PROPOSED BRIDGE TYPICAL SECTION

STA. 40+53.4 TO STA. 41+27.1 (HOG RIVER)

FILE NAME = 222015 - BRIDGE PLANS.DWG



OATES ASSOCIATES
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME =	PHILLIP JONES	DESIGNED -	___	REVISED -	___
PLOT SCALE =	4 41/64" = 1'	DRAWN -	___	REVISED -	___
PLOT DATE =	2025-06-18	CHECKED -	___	REVISED -	___
		DATE -	___	REVISED -	___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE TYPICAL SECTION		
SCALE:	SHEET NO. <u>1</u> OF <u>1</u> SHEETS	STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
___	21-00028-00-BT	ST. CLAIR	66	7
CONTRACT NO. 97863				
FED. ROAD DIST. NO. ___	ILLINOIS	FED. AID PROJECT		

PAVEMENT

STATION	STATION	OFFSET	PROCESS MOD SOIL 12 (SQ YD)	LIME (TON)	AGG BASE CSE A 6 (SQ YD)	AGG SURF CSE A 4 (SQ TD)	BIT MATLS PR CT (POUND)	HMA SC IL- 9.5FG C N50 (TON)	HMA SC IL- 9.5 C N70 (TON)	PCC PVT 8 JOINTED (SQ YD)	PCC DRIVEWAY PAVT 6 (SQ YD)	PC CONC SIDEWALK 5 (SQ FT)	PAVEMENT REM (SQ YD)	SIDEWALK REM (SQ FT)
11+10	40+53	CL	3615	98	3615		7902	590						
41+27	53+06	CL	1361	37	1361		2892	216						
53+46	63+50	CL	1125	30	1125									
63+86	64+04	CL					2405	180						
63+89	63+99	CL	143	4	143									
60+25	62+01	LT	756	20	756									
63+86	64+04	LT					140	11						
52+96	53+01	LT										480		
60+25	62+01	LT							660					
63+89	64+00	LT										316	104	
63+86	64+08	LT									36			
63+86	63+86	LT					140		1					
63+99	64+03	LT												14
11+09	11+25	CL										217		
52+84	53+05	CL										214		
53+46	53+65	CL										184		
63+26	63+51	CL										248		
90+43	90+69	CL										345		
10+14	10+24	CL										120		
52+90	53+14	RT/LT					12		7				98	
53+37	53+37	RT/LT			7		16		1				12	
10+24	12+24	CL	267	7	267		650	65						
12+24	12+78	CL	72	2	72	72								
TOTAL			7,339	198	7,346	72	14,157	1,062	9	660	36	2,124	214	14

SIGNAGE

STATION	OFFSET	TYPE	DESCRIPTION	SIGN PANEL T1 (SQ FT)	TELES STL SIN SUPPORT (FOOT)	WOOD SIN SUPPORT (FOOT)	FL BEACON P MTD SP IN (EACH)
11+22	LT	W11-1	BICLYCLE CROSSING SIGN	4	10		
11+26	RT	W11-2	BICLYCLE CROSSING SIGN	4	10		
11+22	LT	W16-1P	SHARE THE ROAD	3			
11+26	LT	W16-1P	SHARE THE ROAD	3			
11+20	LT	R1-1	STOP SIGN	3		10	
11+20	RT	R5-3	NO MOTOR VEHICLES	4		10	
27+15	LT	D11-1	BIKE ROUTE	3		10	
27+15	LT	M6-4	DIRECTIONAL ARROWS	1			
27+15	RT	R1-2	YIELD SIGN	3		10	
27+15	RT	R5-3	NO MOTOR VEHICLES	4			
27+29	RT	D11-1	BIKE ROUTE	3		10	
27+29	RT	M4-6	ENDS	1			
27+47	LT	R1-2	YIELD SIGN	3		10	
27+47	LT	R5-3	NO MOTOR VEHICLES	4			
53+03	LT	D11-1	BIKE ROUTE	3		10	
53+03	LT	M6-4	DIRECTIONAL ARROWS	1		10	
53+00	RT	R1-1	STOP SIGN	3			
53+04	LT	W11-15	BIKE AND PED CROSSING	7	10		
53+04	LT	W16-7P	DIAGONAL DOWNWARD ARROW	2			
53+46	RT	W11-15	BIKE AND PED CROSSING	7	10		
53+46	RT	W16-7P	DIAGONAL DOWNWARD ARROW	2			
53+53	LT	R1-1	STOP SIGN	3		10	
61+03	LT	D11-1	BIKE ROUTE	3			
61+03	LT	M6-4	DIRECTIONAL ARROWS	1		10	
61+00	LT	W11-15	BIKE AND PED CROSSING	7	10		
61+00	LT	W16-7P	DIAGONAL DOWNWARD ARROW	2			
61+03	LT	R1-1	STOP SIGN	3		10	
61+18	LT	R1-1	STOP SIGN	3		10	
61+22	LT	W11-15	BIKE AND PED CROSSING	7	10		
61+22	LT	W16-7P	DIAGONAL DOWNWARD ARROW	2			
63+22	LT	R5-3	NO MOTOR VEHICLES	4		10	
63+42	RT	R1-1	STOP SIGN	3		10	
63+93	LT	R1-1	STOP SIGN	3		10	
63+98	RT	D11-1	BIKE ROUTE	3		10	
63+98	RT	SPL_K-6739	DISMOUNT BIKES	2		10	
63+98	RT	R3-17B	"ENDS" GREEN	1			
64+01	LT	D11-1	BIKE ROUTE	3		10	
64+01	LT	M6-1	DIRECTIONAL ARROW	1			
63+54	LT	W11-15	BIKE AND PED CROSSING	7	10		
63+54	LT	R3-17B	"AHEAD"	2			
63+99	RT	W11-15	BIKE AND PED CROSSING	7	10		
63+99	RT	R3-17B	"AHEAD"	2			
61+92	LT	R5-1	DO NOT ENTER	7	10		
10+22	LT	R1-1	STOP SIGN	3		10	
10+22	RT	R5-3	NO MOTOR VEHICLES	4		10	
9+70	LT	W16-1P	SHARE THE ROAD	3	10		
63+54	RT		POST MOUNTED FLASHING BEACON				1
63+92	RT		POST MOUNTED FLASHING BEACON				1
TOTAL				154	100	200	2

PAVEMENT MARKING

STATION	STATION	OFFSET	PAINT PVT MK LINE 4 (FOOT)	PAINT PVT MK LINE 12 (FOOT)	PAINT PVT MK LINE 24 (FOOT)
11+25	53+00	CL	4175	20	
27+00	27+34	LT	180		
53+10	63+98				105
53+54	63+41	CL	987	20	
TOTAL			5342	40	105

TREE REMOVAL

STATION	STATION	OFFSET	TREE REMOV ACRES (ACRES)
11+56	26+73	LT	0.7
11+35	26+38	RT	0.8
27+56	41+75	RT	0.7
33+94	64+06	LT	0.7
TOTAL			3

CURB & GUTTER

STATION	STATION	OFFSET	CURB REM (FOOT)	CONC CURB TB (FOOT)	COMB CC&G TB6.18 (FOOT)	COMB CC&G TB6.24 AEP (FOOT)
52+89	53+10					135
53+41	53+50					24
53+44	53+51	LT/RT	24			
60+28	62+01	LT	231	561		
63+38	64+04	LT/RT	48		57	
TOTAL			303	561	57	159

EARTHWORK

STATION	STATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (NOTE 1) (CU YD)	EMBANKMENT (NOTE 2) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (NOTE 3) (CU YD)	TOPSOIL FURNISH & PLACE 4" (SQ YD)
11+00	64+00	1920	1632	371	1261	7649
TOTAL		1,920	1,632	371	1,261	7,649

EARTHWORK NOTES:

- ESTIMATED SHRINKAGE FACTOR = 15%.
- APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.

SEEDING

STATION	STATION	OFFSET	SEEDING CL 1B (ACRE)	NITROGEN FERT NUTR (POUND)	PHOSPHORUS FERT NUTR (POUND)	POTASSIUM FERT NUTR (POUND)	MULCH METHOD 2 (ACRE)
11+10	27+20	LT	0.16	14	14	14	0.16
11+10	27+80	RT	0.26	23	23	23	0.26
27+20	40+62	LT	0.26	23	23	23	0.26
27+80	40+53	RT	0.12	11	11	11	0.12
41+27	53+06	LT	0.12	11	11	11	0.12
41+27	53+06	RT	0.10	9	9	9	0.10
53+46	61+06	LT	0.06	5	5	5	0.06
53+46	63+55	RT	0.12	11	11	11	0.12
61+16	63+55	LT	0.02	2	2	2	0.02
63+86	64+10	CL	0.02	2	2	2	0.02
60+01	62+63	LT	0.36	32	32	32	0.36
TOTAL			1.60	143	143	143	1.60

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00028-00-BT	ST. CLAIR	66	8
CONTRACT NO. 97863				
FED. ROAD DIST. NO. -		ILLINOIS	FED. AID PROJECT	

FILE NAME = 222015 - SCHEDULE OF
QUANTITIES.DWG



ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME =	PHILLIP JONES	DESIGNED -	---	REVISED -	
		DRAWN -	---	REVISED -	
PLOT SCALE =	4 1/4" = 1'	CHECKED -	---	REVISED -	
PLOT DATE =	2025-06-17	DATE -	---	REVISED -	

FURNISHING

STATION	STATION	OFFSET	DETECTABLE WARNINGS (SQ FT)	BRIDGE RAIL REMOVAL (FOOT)	BICYCLE RAILING (FOOT)	SPBGR TY A 6FT POSTS (FOOT)	WP & RL FENCE (SQ FT)	BOLLARDS (EACH)	FOLD DOWN BOLLARDS (EACH)
11+10	11+12	CL	20						
10+13	10+25	CL	24						
40+07	40+53	LT/RT					92		
40+53	41+27	LT/RT		148	148				
41+27	41+62	LT/RT					70		
53+02	53+04	CL	20						
53+48	53+50	CL	20						
61+04	61+04	LT							
61+06	61+16	CL	60						
61+18	61+18	LT							
63+44	63+55	CL	28						
63+90	63+92	CL	40						
63+99		LT				13			
11+45		LT/RT						2	1
52+73		LT/RT						2	1
53+77		LT/RT						2	1
63+17		LT/RT						2	1
10+46		LT/RT						2	1
TOTAL			212	148	148	13	162	10	5

NOTES:

EROSION CONTROL

STATION	STATION	OFFSET	EROSION CONTR BLANKET (SQ YD)	TEMP EROS CONTR SEED (POUND)	TEMP DITCH CHECKS (FOOT)	PERIMETER EROS BAR (FOOT)	INLET & PIPE PROTECT (FOOT)	STONE RIPRAP CL A3 (SQ YD)	FILTER FABRIC (SQ YD)
11+10	27+20	LT		16					
11+10	27+60	RT		25					
11+12	27+70	LT/RT				3442			
27+20	40+62	LT		26		1504			
27+50	32+50	LT			65	1342			
27+60	40+53	RT		11					
40+00	40+63	LT	152						
41+27	51+54	LT	62						
41+27	41+75	RT	69						
41+27	53+06	LT/RT		23		2497			
53+46	63+55	LT/RT		18					
53+50	58+00	LT			35				
53+50	63+50	LT/RT				1282			
60+00	63+60	LT				496			
60+02	63+58	LT	830	36	68	224			
61+16	63+55	LT		2					
62+00	63+60	LT				244			
63+86	64+10	CL		1					
63+92	63+97	LT				31			
64+06	64+08	LT				39			
63+90	6406	RT/LT				31			
64+04	64+11	LT				13			
11+15		LT					1		
1+17		RT					1		
11+20		RT					1		
26+80		LT					1		
27+35		LT					1		
27+40		RT					1		
63+40	63+60	LT						34	25
TOTAL			1113	158	168	11145	6	34	25

UTILITY

STATION	OFFSET	OFFSET DIST	STATION	OFFSET	OFFSET DIST	TRENCH BACKFILL (CU YD)	PIPE CULVERT REMOV (FOOT)	PRC FLAR END SEC 12 (EACH)	PRC FLAR END SEC 18 (EACH)	STORM SEW CL A 1 12 (FOOT)	STORM SEW CL A 1 18 (FOOT)	MAN TA 4 DIA T1F OL (EACH)	INLETS SPL (EACH)	BIO BASIN (SQ FT)	REMOV EX FLAR END SEC (EACH)	SS CLEANED 18 (FOOT)
90+49	LF	14.39	90+49	RT	14.39	5				29						
90+64	LT	14.39	90+64	RT	14.39	5				29						
90+60	RT	45.92	90+67	RT	94.27	15				43			1			
90+60	RT	45.92														
90+67	RT	94.27						1								
27+23	LT	31.04										1				
27+23	LT	30.91	27+47	RT	47.88	25					82					
27+34	LT	31.05						1								
27+24	LT	30.89	27+26	RT	11.33		41									
27+24	LT	30.89	27+30	LT	30.89		6									
27+23	LT	30.89	27+29	RT	30.89	5				6						
27+47	RT	53.87							1							35
90+48	LT	50.29	90+48	LT	14.22									597		
90+48	RT	13.74	90+48	RT	50.26									597		
27+25	RT	11.33		LT											1	
27+31	LT	30.89													1	
TOTAL						55	47	2	1	107	82	1	1	1194	2	35

FILE NAME = 222015 - SCHEDULE OF QUANTITIES.DWG



ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME =	PHILLIP JONES	DESIGNED -	___	REVISED -	___
		DRAWN -	___	REVISED -	___
PLOT SCALE =	4 1/4" = 1'	CHECKED -	___	REVISED -	___
PLOT DATE =	2025-06-18	DATE -	___	REVISED -	___

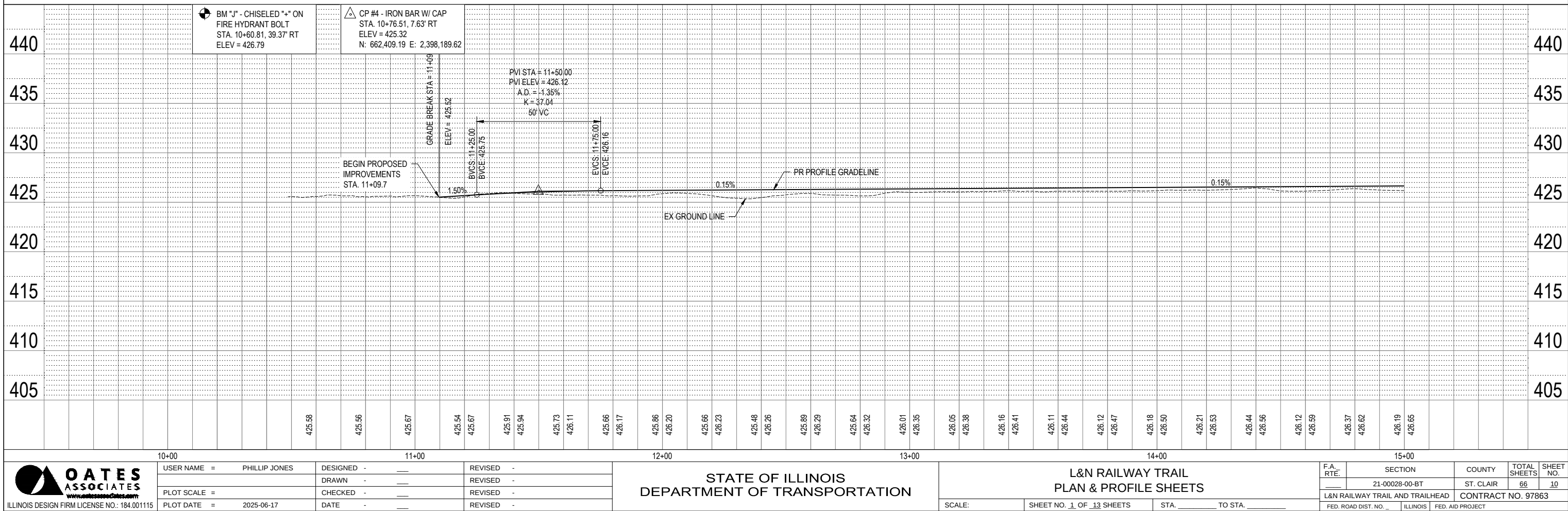
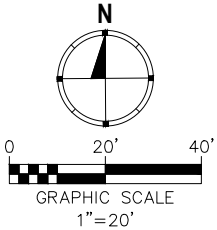
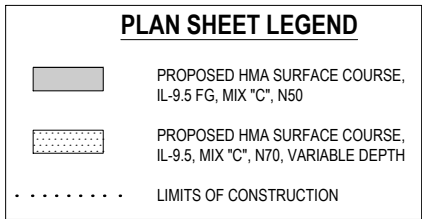
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

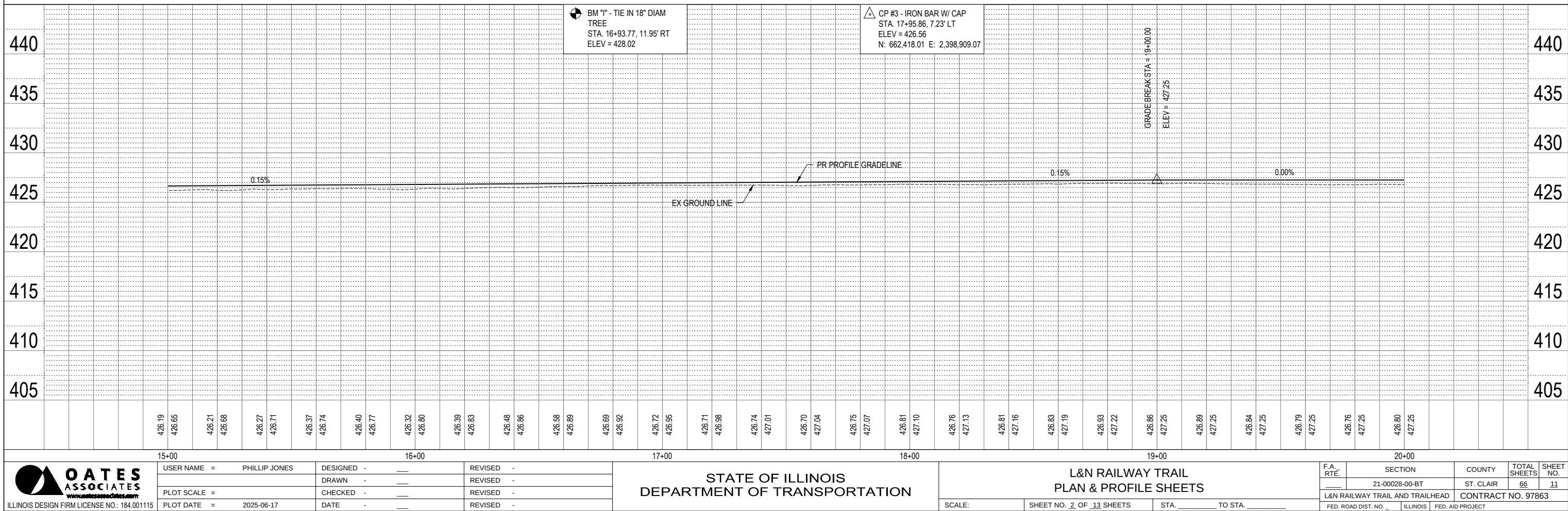
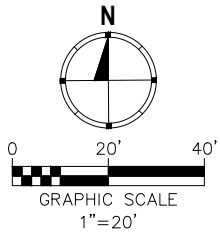
SCALE:	SHEET NO. 2 OF 2 SHEETS	STA. _____ TO STA. _____
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 97863				
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

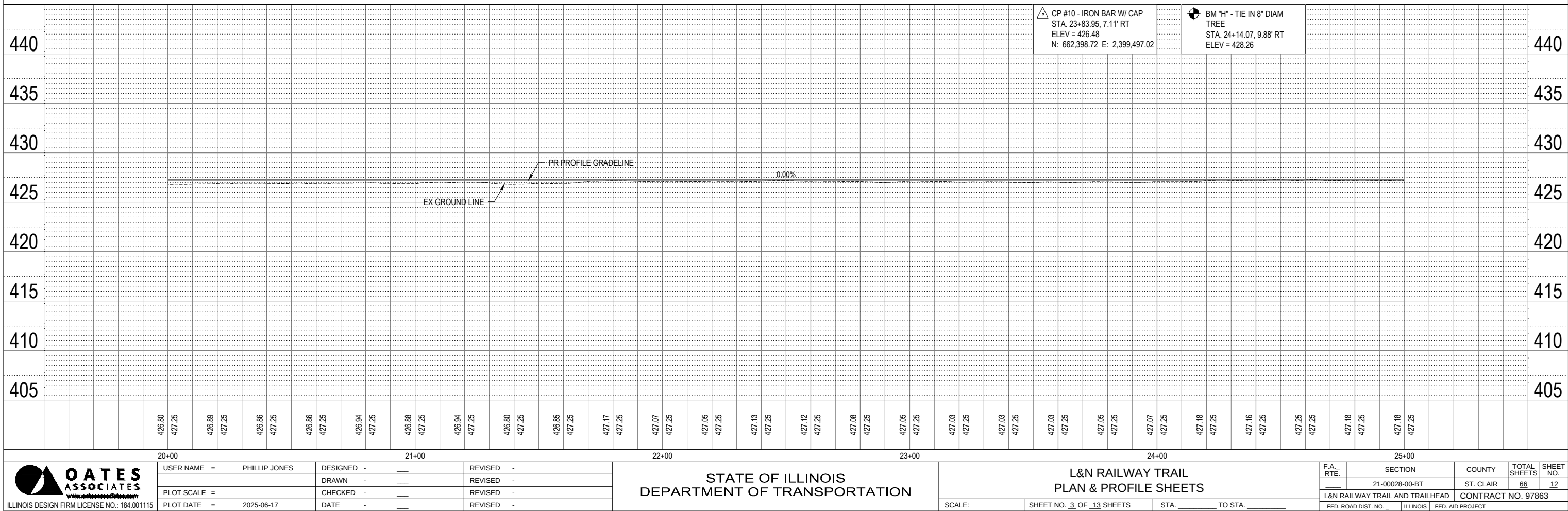
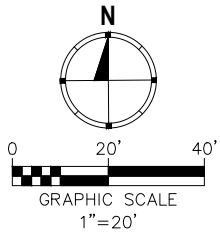
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	PLOTTED _____		
NOTE BOOK _____	GRADES CHECKED _____		
NO. _____	B.M. NOTED _____		
	STRUCTURE NOTATIONS CHKD _____		



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

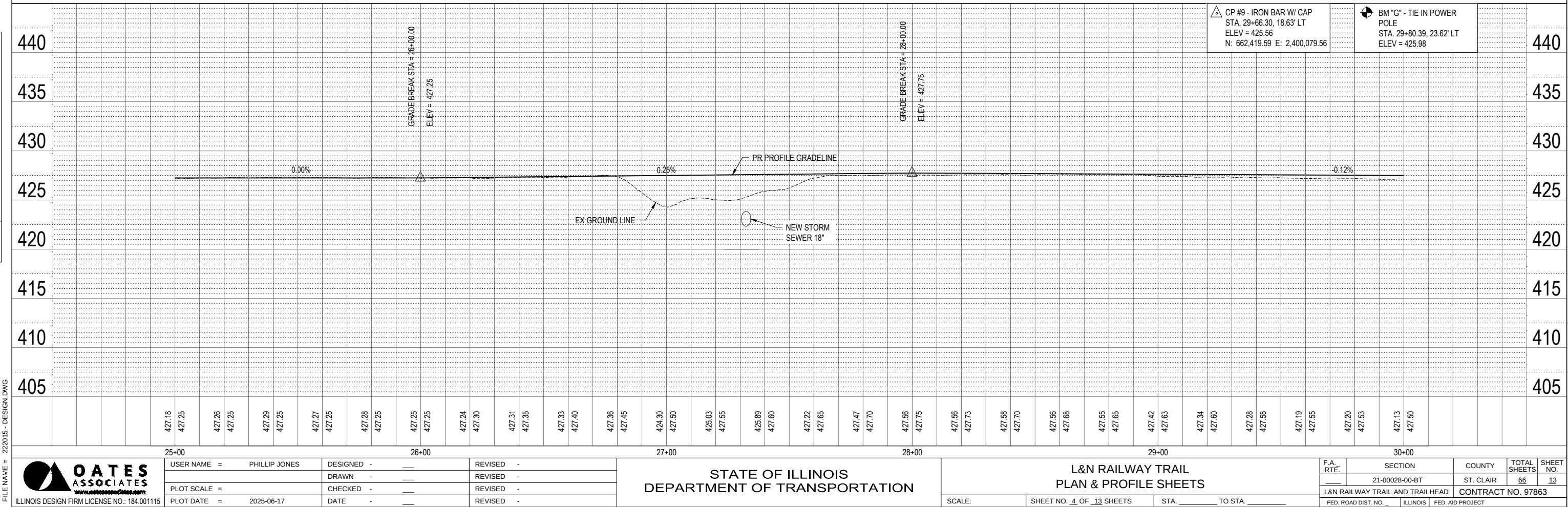
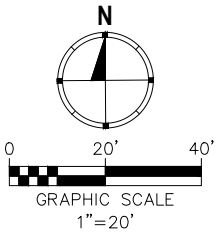
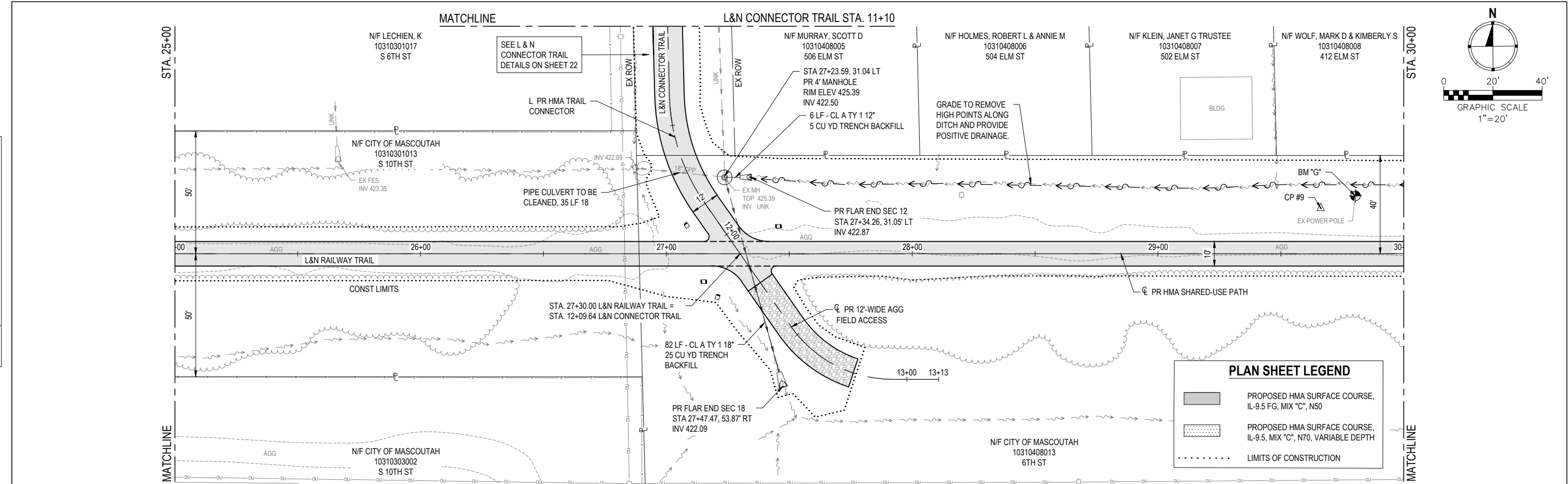


PROFILE		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
	B.M. NOTED		
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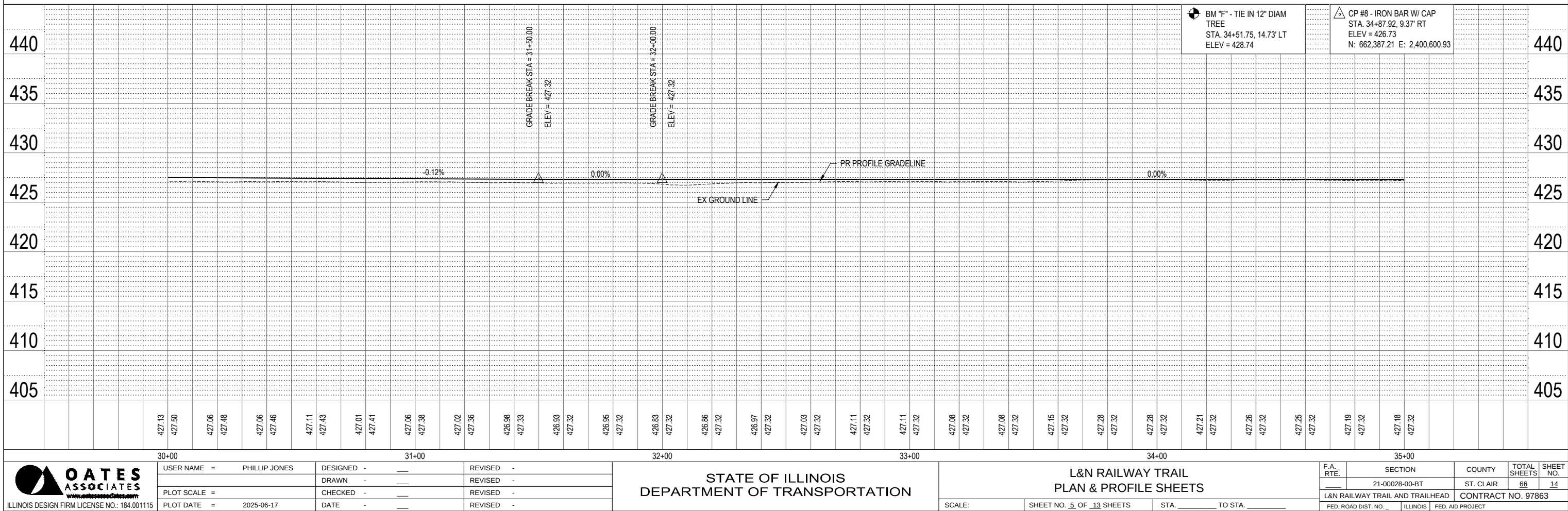
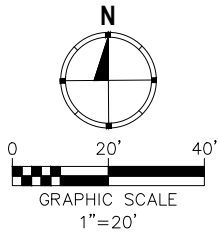


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	BY	
NOTE BOOK	ALIGNED	
	CHECKED	
NO.	NO.	
	FILE NAME	

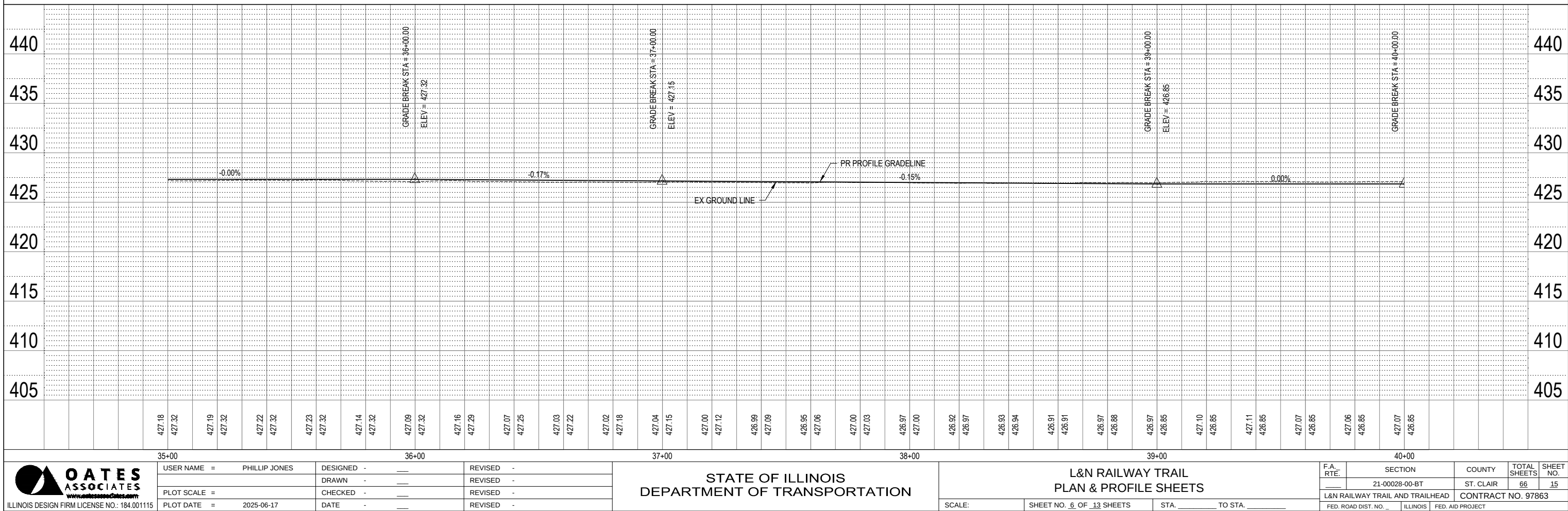
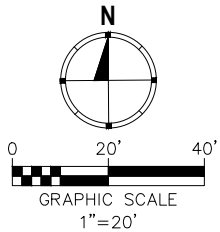
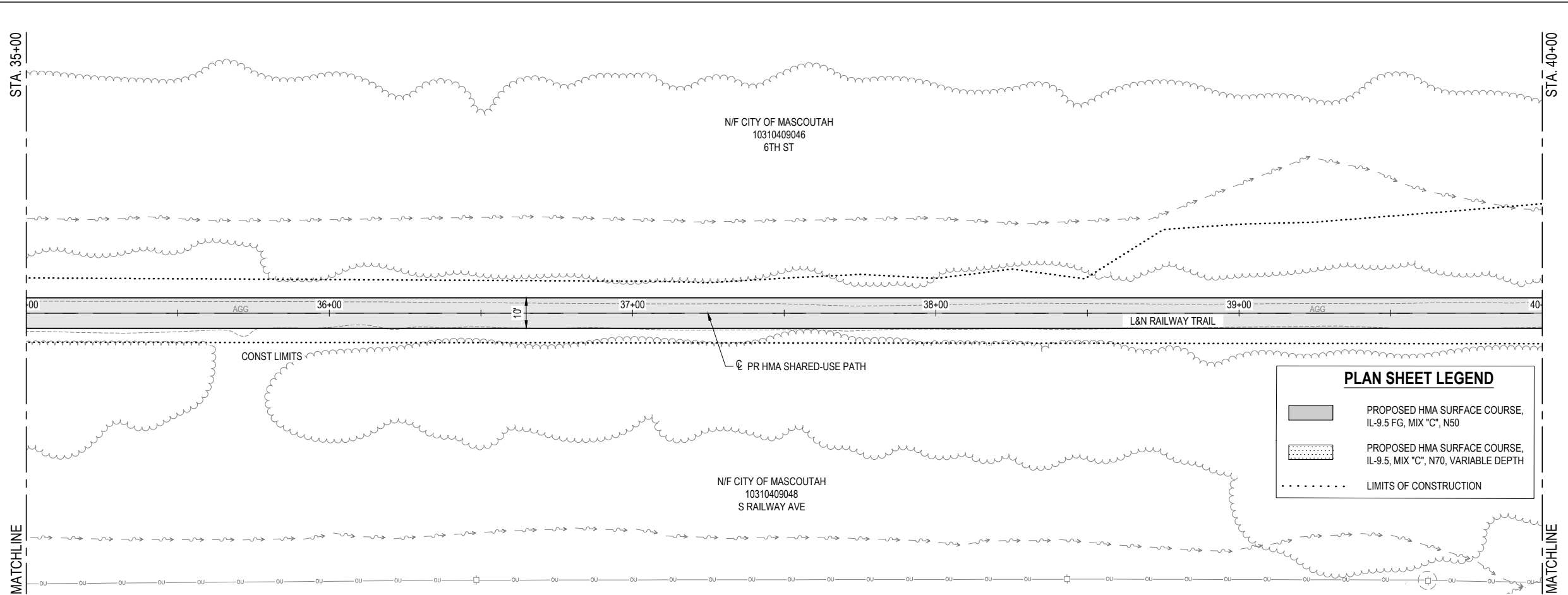
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	BY	
NOTE BOOK	GRADES CHECKED	
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NO.	NO.	
	FILE NAME	



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

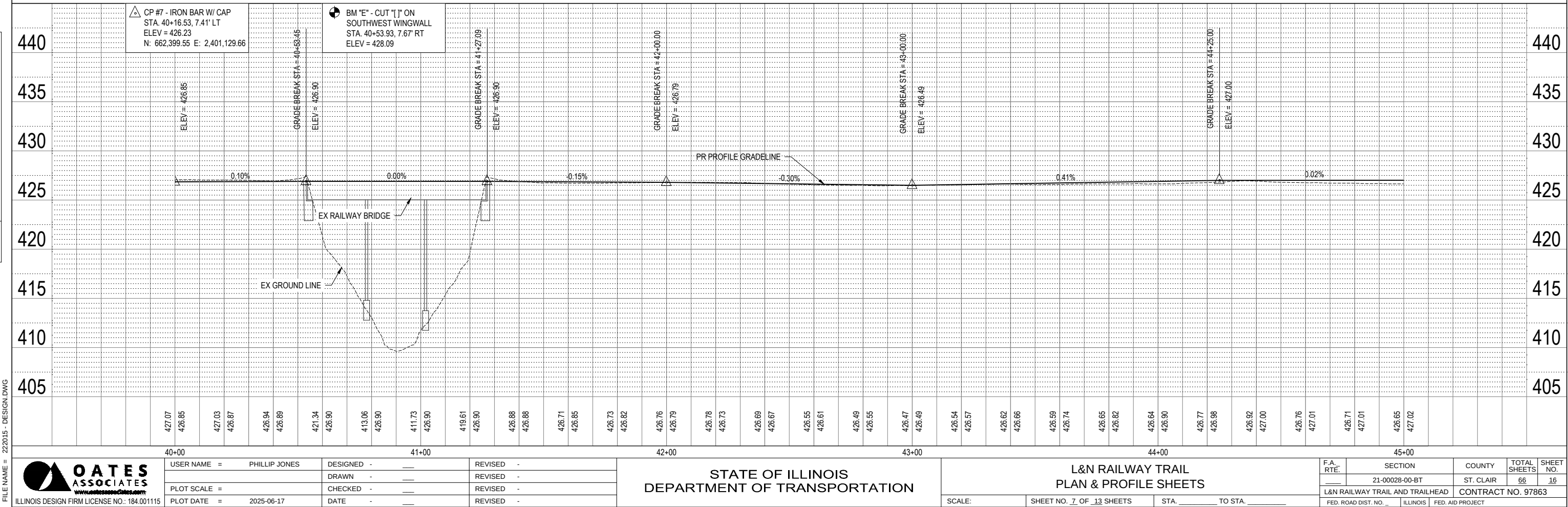
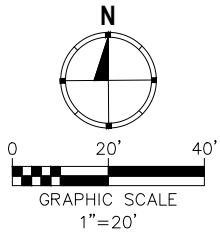
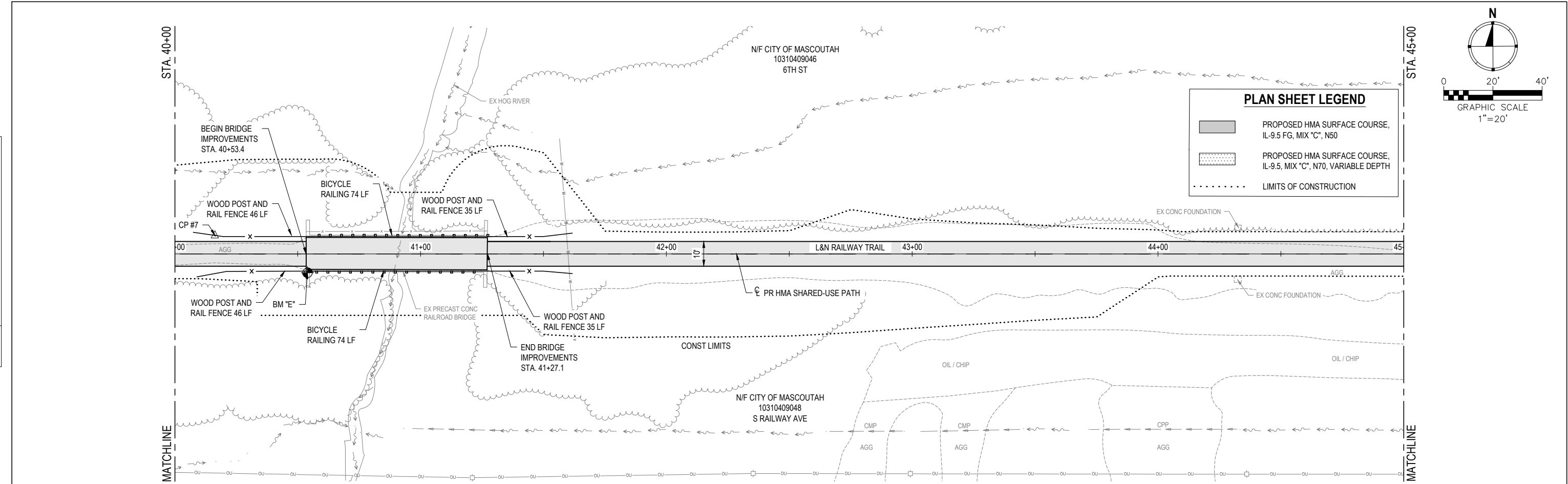


PROFILE		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
	B.M. NOTED		
NO. _____	STRUCTURE NOTATNS CHK'D		



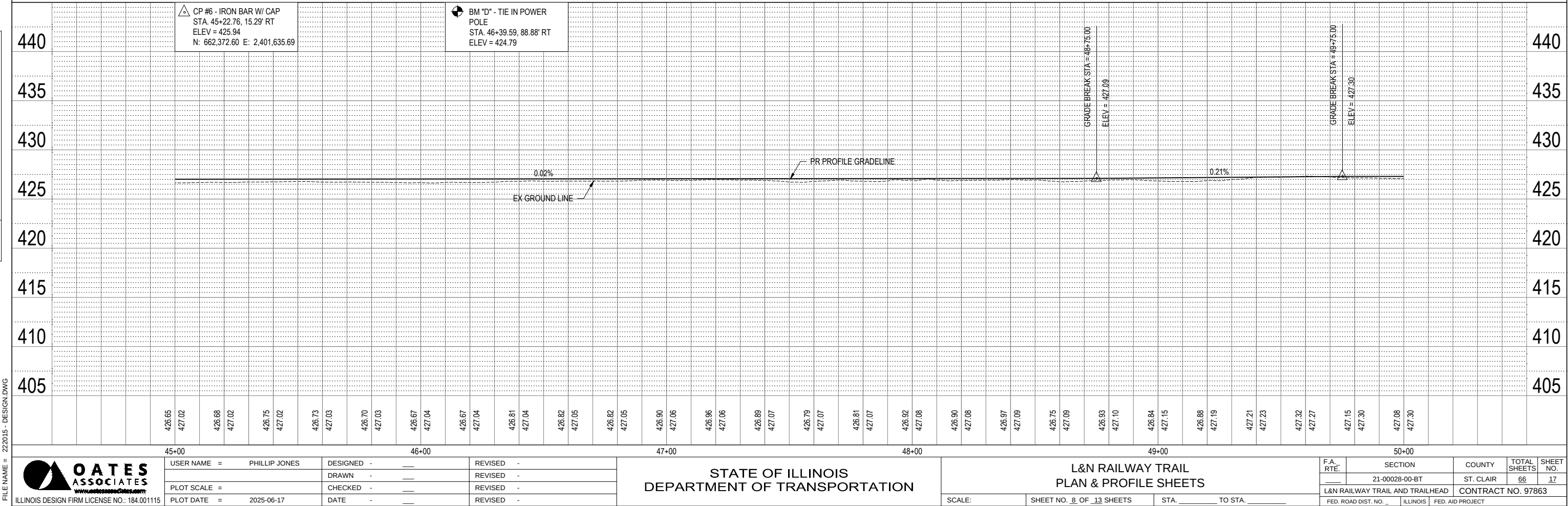
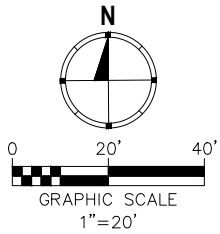
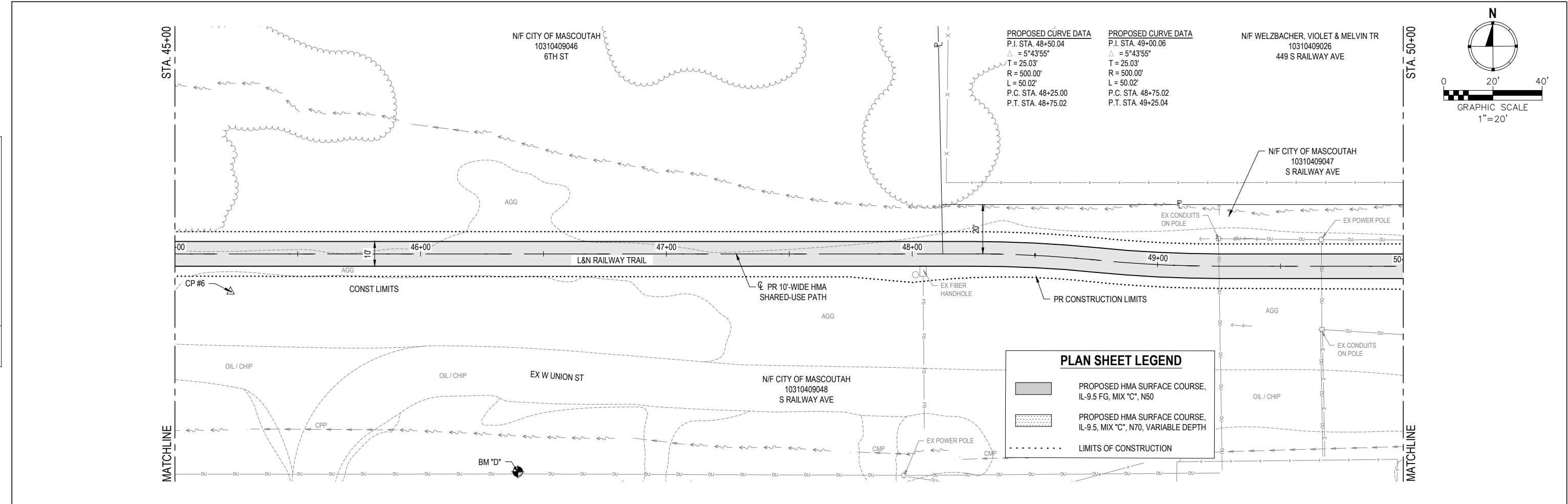
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PROFILE	NO.	NOTE BOOK	SURVEYED	PLOTTED	GRADES CHECKED	STRUCTURE NOTATIONS CHKD	DATE



PLAN	NO.	NOTE BOOK	BY	DATE
SURVEYED				
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FILE NAME				

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SURVEYED				
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STRUCTURE NOTATIONS CHKD				



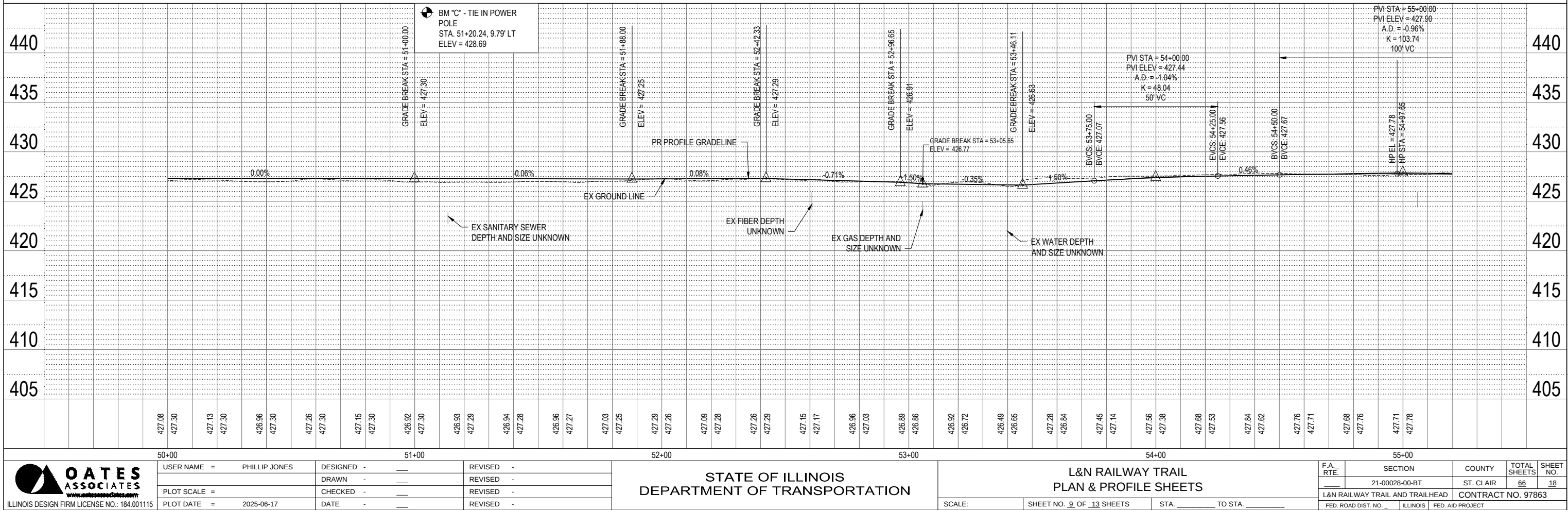
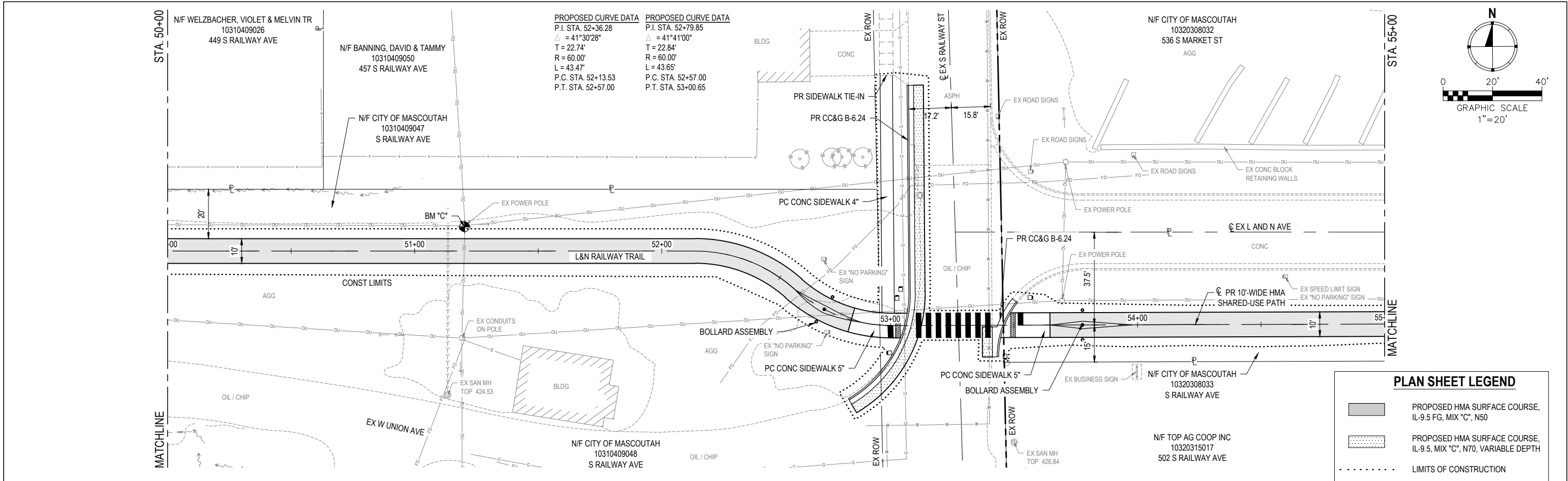
FILE NAME = 222015 - DESIGN.DWG

 OATES ASSOCIATES www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115	USER NAME = PHILLIP JONES		DESIGNED - ____	REVISED - ____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	L&N RAILWAY TRAIL PLAN & PROFILE SHEETS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - ____	REVISED - ____		____	21-00028-00-BT	ST. CLAIR	66	17			
	PLOT SCALE =		CHECKED - ____	REVISED - ____		L&N RAILWAY TRAIL AND TRAILHEAD			CONTRACT NO. 97863				
	PLOT DATE = 2025-06-17		DATE - ____	REVISED - ____		SCALE:	SHEET NO. 8 OF 13 SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. ____	ILLINOIS	FED. AID PROJECT		

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	CADD FILE NAME		

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

FILE NAME = 222015 - DESIGN.DWG



OATES ASSOCIATES
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME =	PHILLIP JONES	DESIGNED -	REvised -
PLOT SCALE =		DRAWN -	REvised -
PLOT DATE =	2025-06-17	CHECKED -	REvised -
		DATE -	REvised -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

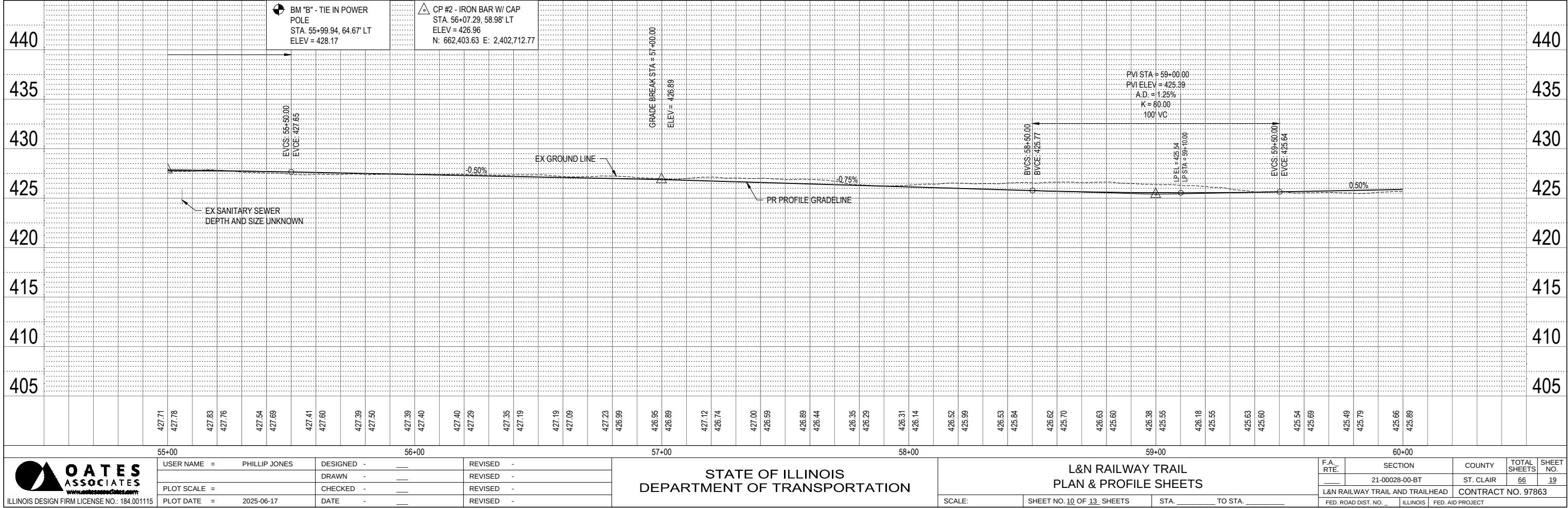
L&N RAILWAY TRAIL PLAN & PROFILE SHEETS	
SCALE:	SHEET NO. 9 OF 13 SHEETS
STA. _____ TO STA. _____	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00028-00-BT	ST. CLAIR	66	18
L&N RAILWAY TRAIL AND TRAILHEAD		CONTRACT NO. 97863		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

PLAN	DATE	BY
SURVEYED		
PLOTTED		
ALIGNED		
CHECKED		
CADD FILE NAME		
NO.		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
GRADES CHECKED		
STRUCTURE NOTATIONS CHKD		
NO.		

FILE NAME = 222015 - DESIGN.DWG



USER NAME =	PHILLIP JONES	DESIGNED -	---	REVISED -	---
PLOT SCALE =		DRAWN -	---	REVISED -	---
PLOT DATE =	2025-06-17	CHECKED -	---	REVISED -	---
DATE -	---	DATE -	---	REVISED -	---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

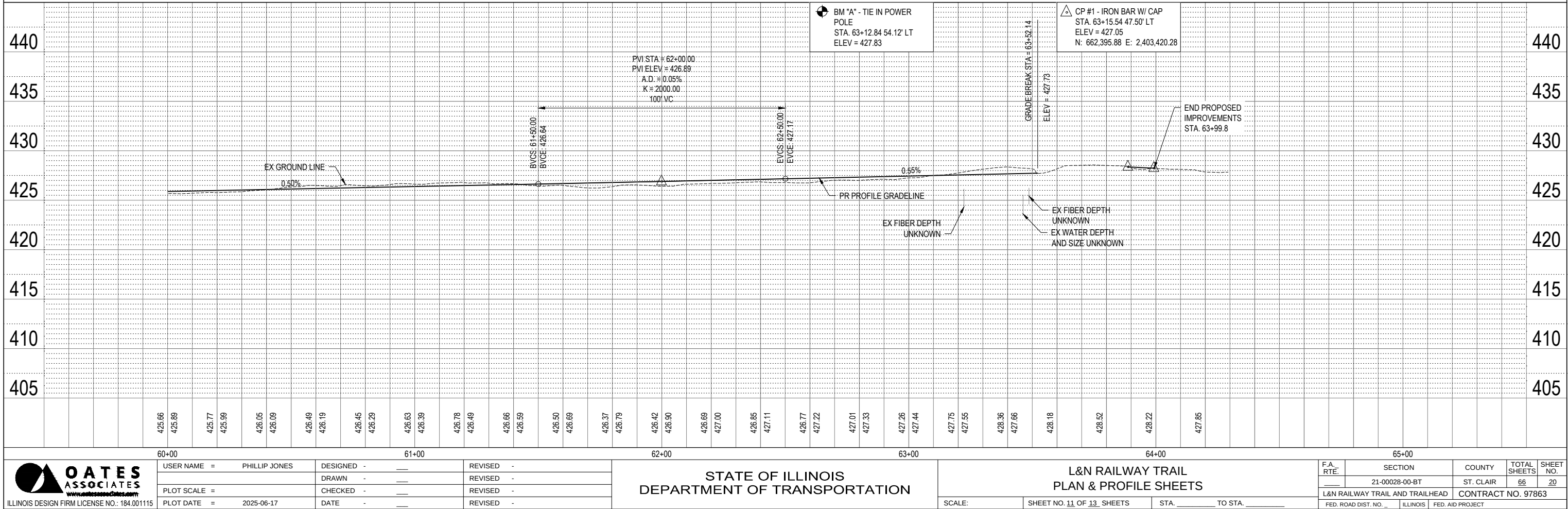
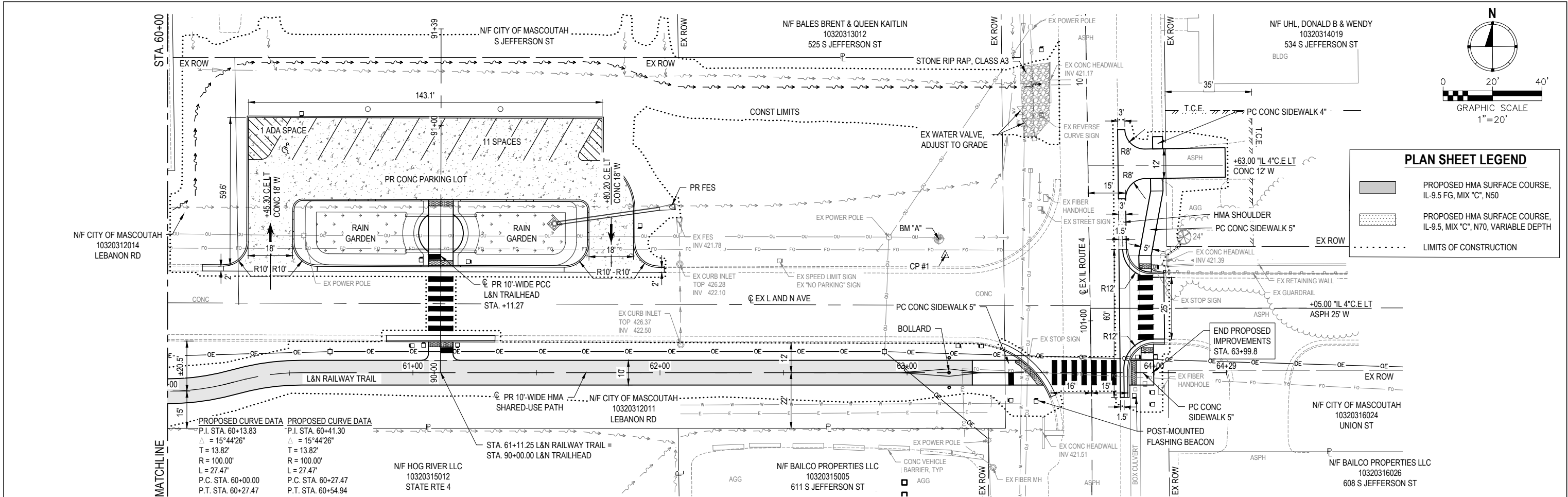
L&N RAILWAY TRAIL PLAN & PROFILE SHEETS	
SCALE:	SHEET NO. 10 OF 13 SHEETS
STA. _____	TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00028-00-BT	ST. CLAIR	66	19
L&N RAILWAY TRAIL AND TRAILHEAD				
CONTRACT NO. 97863				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

PLAN	DATE	BY
SURVEYED		
PLOTTED		
ALIGNED		
CHECKED		
NO. _____		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
GRADES CHECKED		
NO. _____		

FILE NAME = 222015 - DESIGN.DWG



OATES ASSOCIATES
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME =	PHILLIP JONES	DESIGNED -	---	REVISED -	---
PLOT SCALE =		DRAWN -	---	REVISED -	---
PLOT DATE =	2025-06-17	CHECKED -	---	REVISED -	---
		DATE -	---	REVISED -	---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

L&N RAILWAY TRAIL
PLAN & PROFILE SHEETS

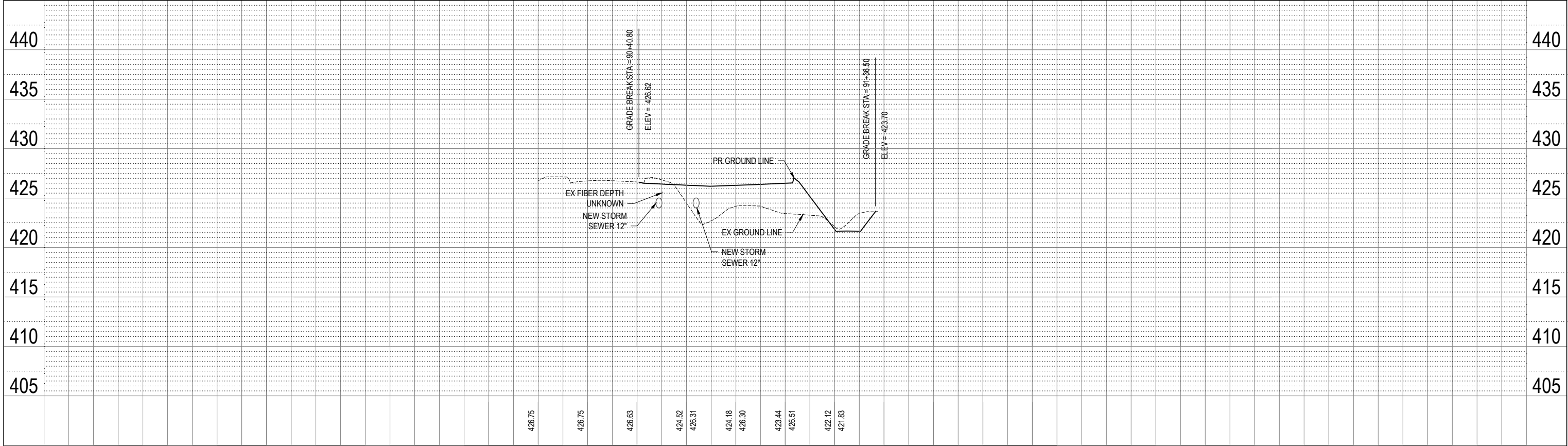
SCALE:	SHEET NO. 11 OF 13 SHEETS	STA. _____ TO STA. _____
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00028-00-BT	ST. CLAIR	66	20
CONTRACT NO. 97863				
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

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

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

FILE NAME = 222015 - DESIGN.DWG





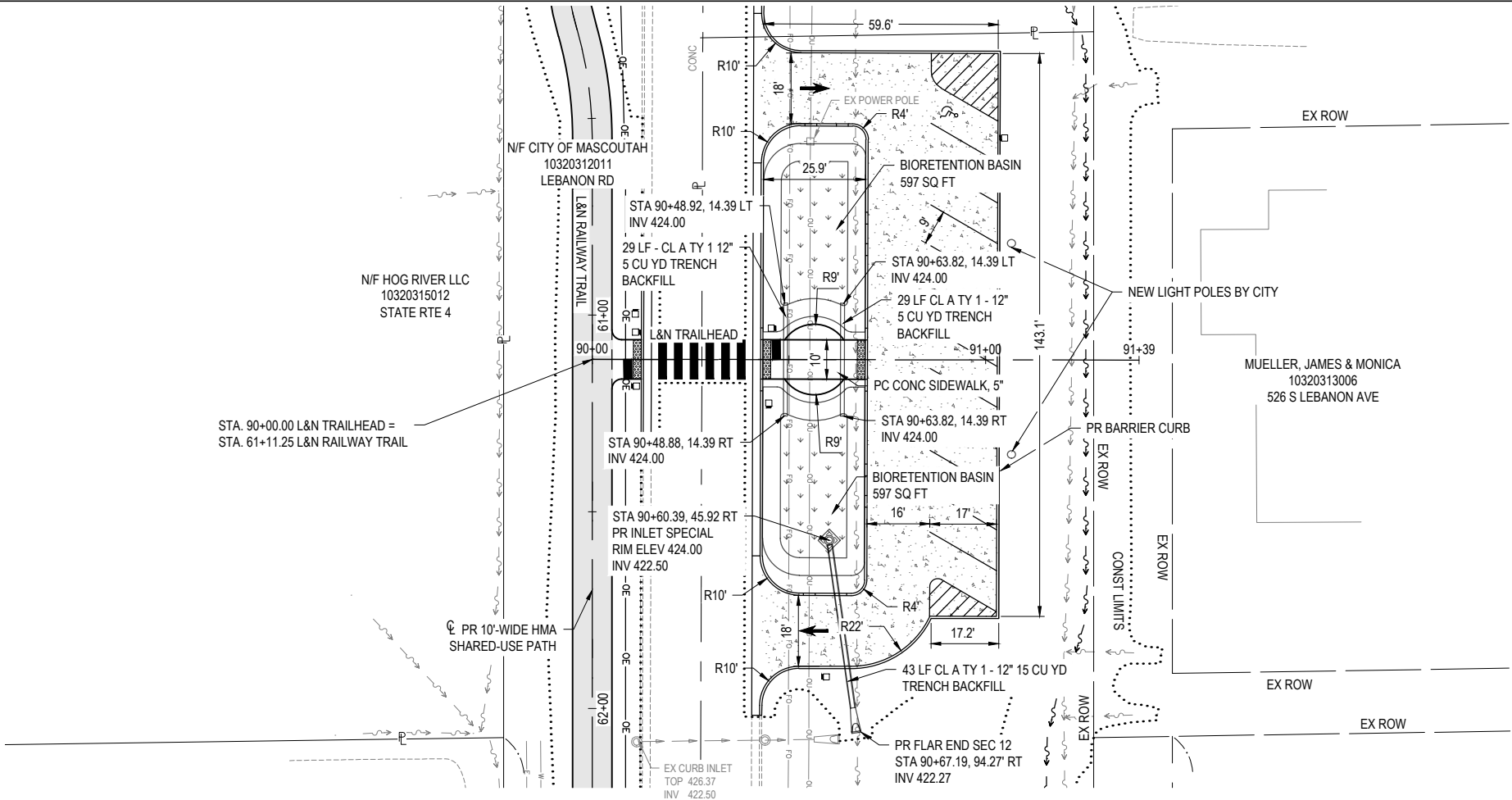
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME =	PHILLIP JONES	DESIGNED -	---	REVISED -	---
PLOT SCALE =		DRAWN -	---	REVISED -	---
PLOT DATE =	2025-06-17	CHECKED -	---	REVISED -	---
		DATE -	---	REVISED -	---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

L&N TRAILHEAD PLAN & PROFILE SHEETS	
SCALE:	SHEET NO. 12 OF 13 SHEETS
STA. _____ TO STA. _____	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00028-00-BT	ST. CLAIR	66	21
L&N RAILWAY TRAIL AND TRAILHEAD		CONTRACT NO. 97863		
FED. ROAD DIST. NO. -		ILLINOIS	FED. AID PROJECT	



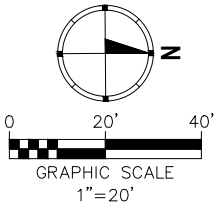
PLAN SHEET LEGEND

PROPOSED HMA SURFACE COURSE, IL-9.5 FG, MIX "C", N50

PCC PAVEMENT, 8"

BIORETENTION BASIN

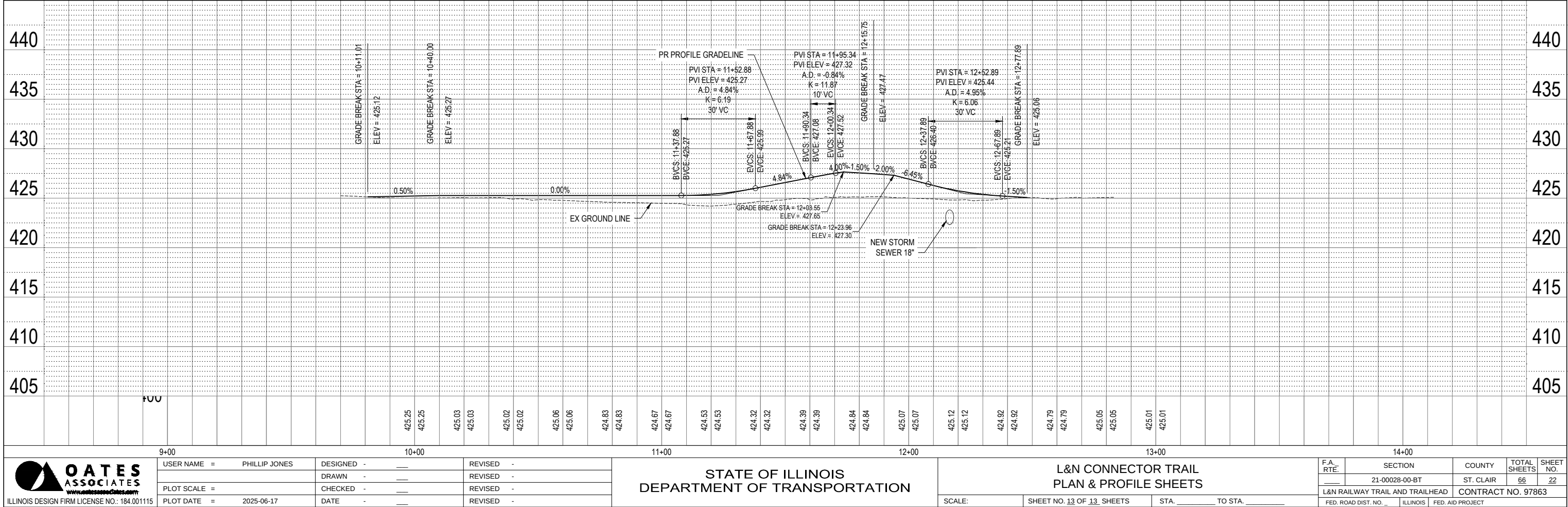
LIMITS OF CONSTRUCTION



PLAN	SURVEYED	DATE
	BY	
	PLOTTED	
	ALIGNED	
	CHECKED	
	DATE	
	NO.	

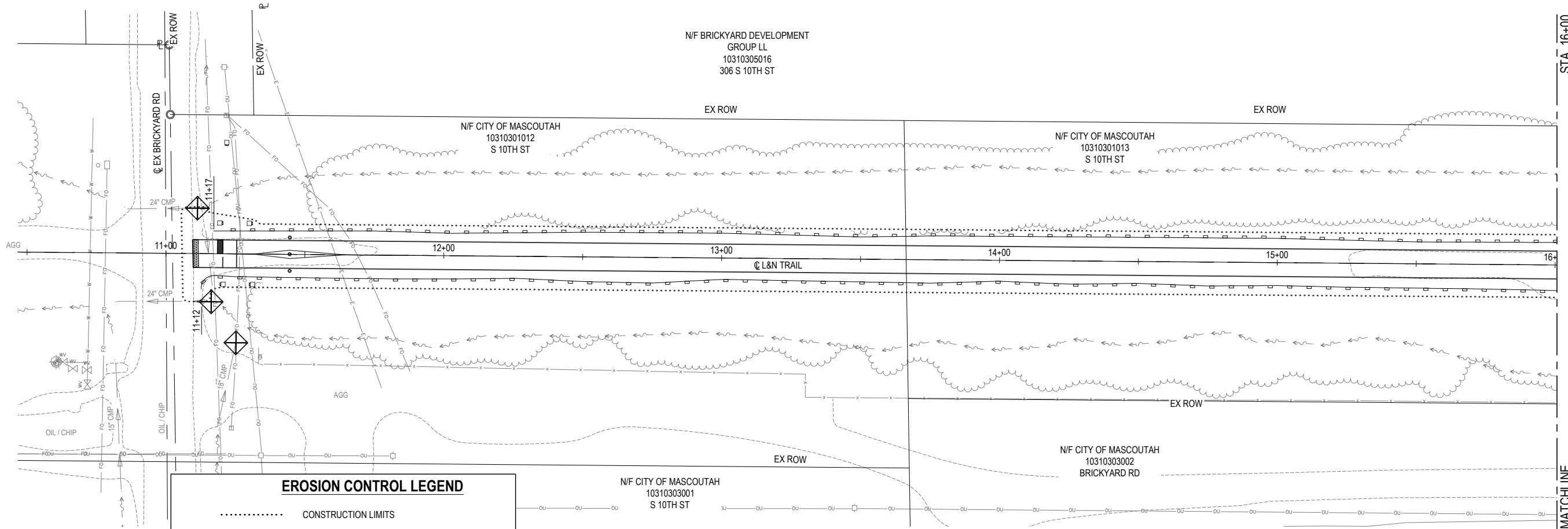
PROFILE	SURVEYED	DATE
	BY	
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	CHKD	
	NO.	

FILE NAME = 222015 - DESIGN.DWG



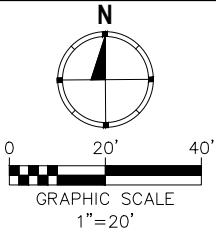
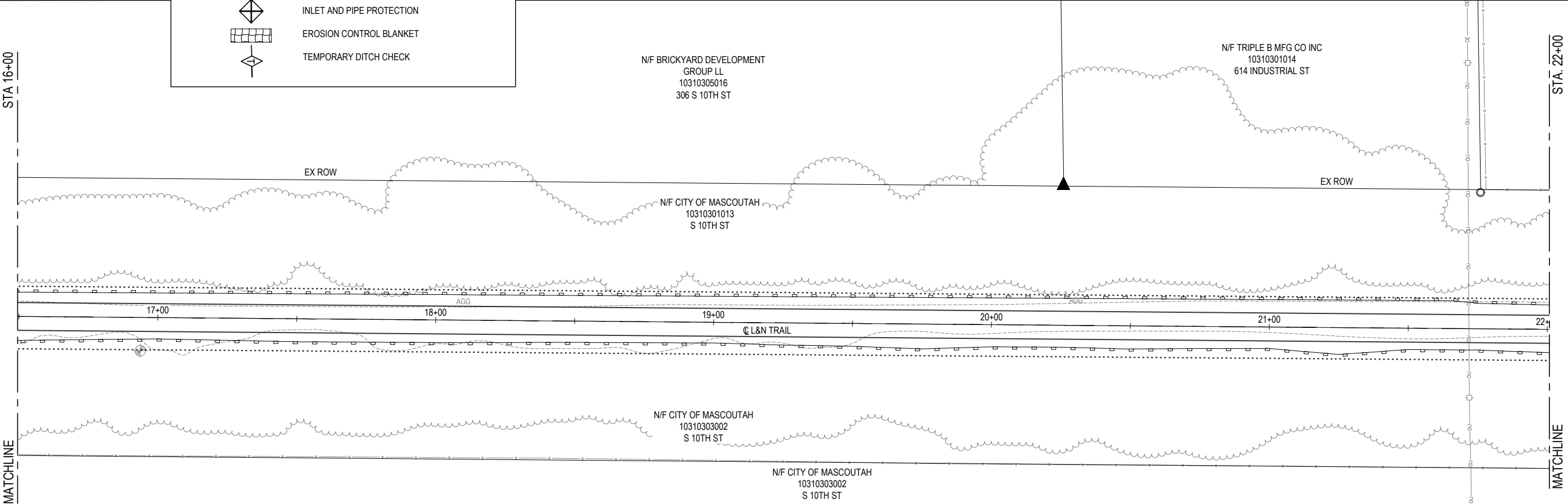
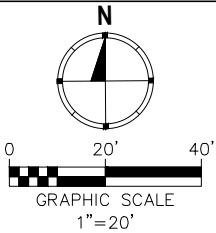
FILE NAME = 222015 - EROSION CONTROL.DWG

STA 16+00
MATCHLINE



EROSION CONTROL LEGEND

- CONSTRUCTION LIMITS
- EROSION CONTROL FENCE
- ◊ INLET AND PIPE PROTECTION
- ▨ EROSION CONTROL BLANKET
- ◊ TEMPORARY DITCH CHECK



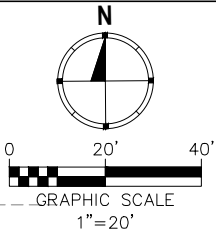
OATES ASSOCIATES
www.oatesassociates.com
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME =	PHILLIP JONES	DESIGNED -	—	REVISED -	—
PLOT SCALE =	4 41/64" = 1'	DRAWN -	—	REVISED -	—
PLOT DATE =	2025-06-18	CHECKED -	—	REVISED -	—
		DATE -	—	REVISED -	—

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SHEETS		
SCALE:	SHEET NO. 1 OF 6 SHEETS	STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00028-00-BT	ST. CLAIR	66	23
CONTRACT NO. 97863				
FED. ROAD DIST. NO. —	ILLINOIS	FED. AID PROJECT		



EROSION CONTROL LEGEND

- CONSTRUCTION LIMITS
- |—|—|— EROSION CONTROL FENCE
- ◆ INLET AND PIPE PROTECTION
- ▣ EROSION CONTROL BLANKET
- ◆- TEMPORARY DITCH CHECK

N/F CITY OF MASCOUTAH
10310301013
S 10TH ST

EX ROW

N/F CITY OF MASCOUTAH
10310303001
S 10TH ST

EX ROW

STA 22+00

STA. 27+75

MATCHLINE

MATCHLINE

FILE NAME = 222015 - EROSION CONTROL.DWG



ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

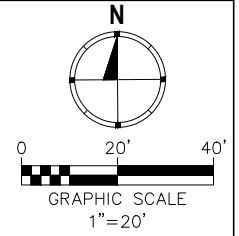
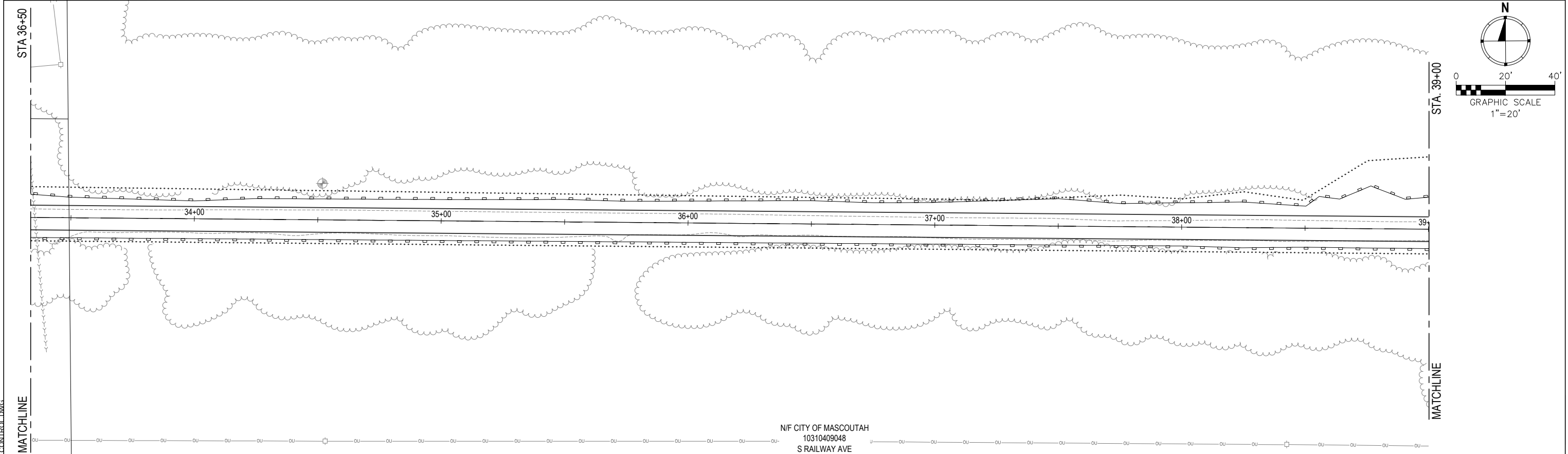
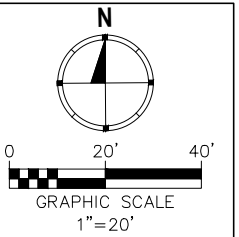
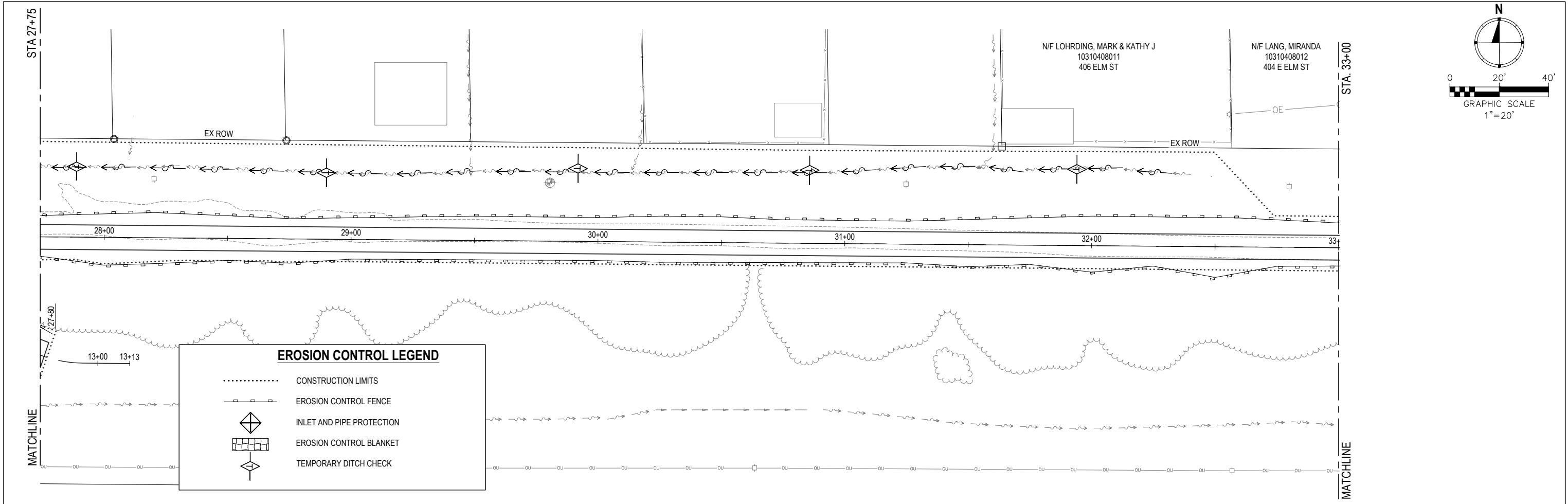
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		DRAWN -	_____	REVISED -	_____
PLOT SCALE =	4 1/64" = 1'	CHECKED -	_____	REVISED -	_____
PLOT DATE =	2025-06-18	DATE -	_____	REVISED -	_____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SHEETS

SCALE: SHEET NO. 2 OF 6 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
_____	21-00028-00-BT	ST. CLAIR	66	24
CONTRACT NO. 97863				
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



FILE NAME = 222015 - EROSION CONTROL.DWG



USER NAME =	PHILLIP JONES	DESIGNED -	—	REVISED -	—
PLOT SCALE =	4 1/64" = 1'	DRAWN -	—	REVISED -	—
PLOT DATE =	2025-06-18	CHECKED -	—	REVISED -	—
		DATE -	—	REVISED -	—

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SHEETS

SCALE:	SHEET NO. 3 OF 6 SHEETS	STA. _____ TO STA. _____
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
—	21-00028-00-BT	ST. CLAIR	66	25
CONTRACT NO. 97863				
FED. ROAD DIST. NO. —	ILLINOIS	FED. AID PROJECT		

FILE NAME = 222015 - EROSION CONTROL.DWG



ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

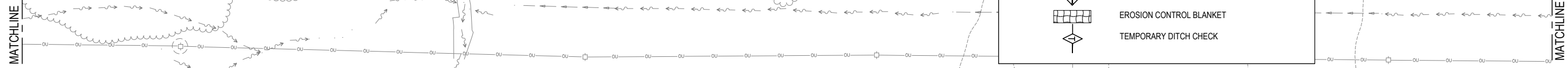
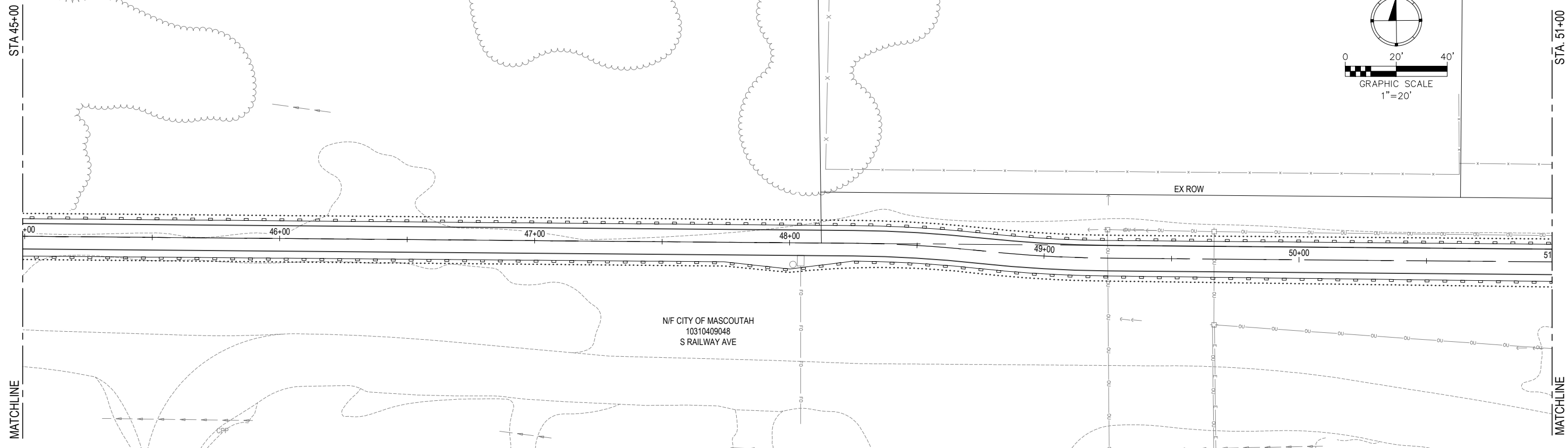
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		DRAWN -	---	REVISED -	---
PLOT SCALE =	4 1/16" = 1'	CHECKED -	---	REVISED -	---
PLOT DATE =	2025-06-18	DATE -	---	REVISED -	---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SHEETS

SCALE: SHEET NO. 4 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00028-00-BT	ST. CLAIR	66	26
CONTRACT NO. 97863				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



EROSION CONTROL LEGEND	
.....	CONSTRUCTION LIMITS
—+—+—+—	EROSION CONTROL FENCE
	INLET AND PIPE PROTECTION
	EROSION CONTROL BLANKET
	TEMPORARY DITCH CHECK

FILE NAME = 222015 - EROSION CONTROL.DWG



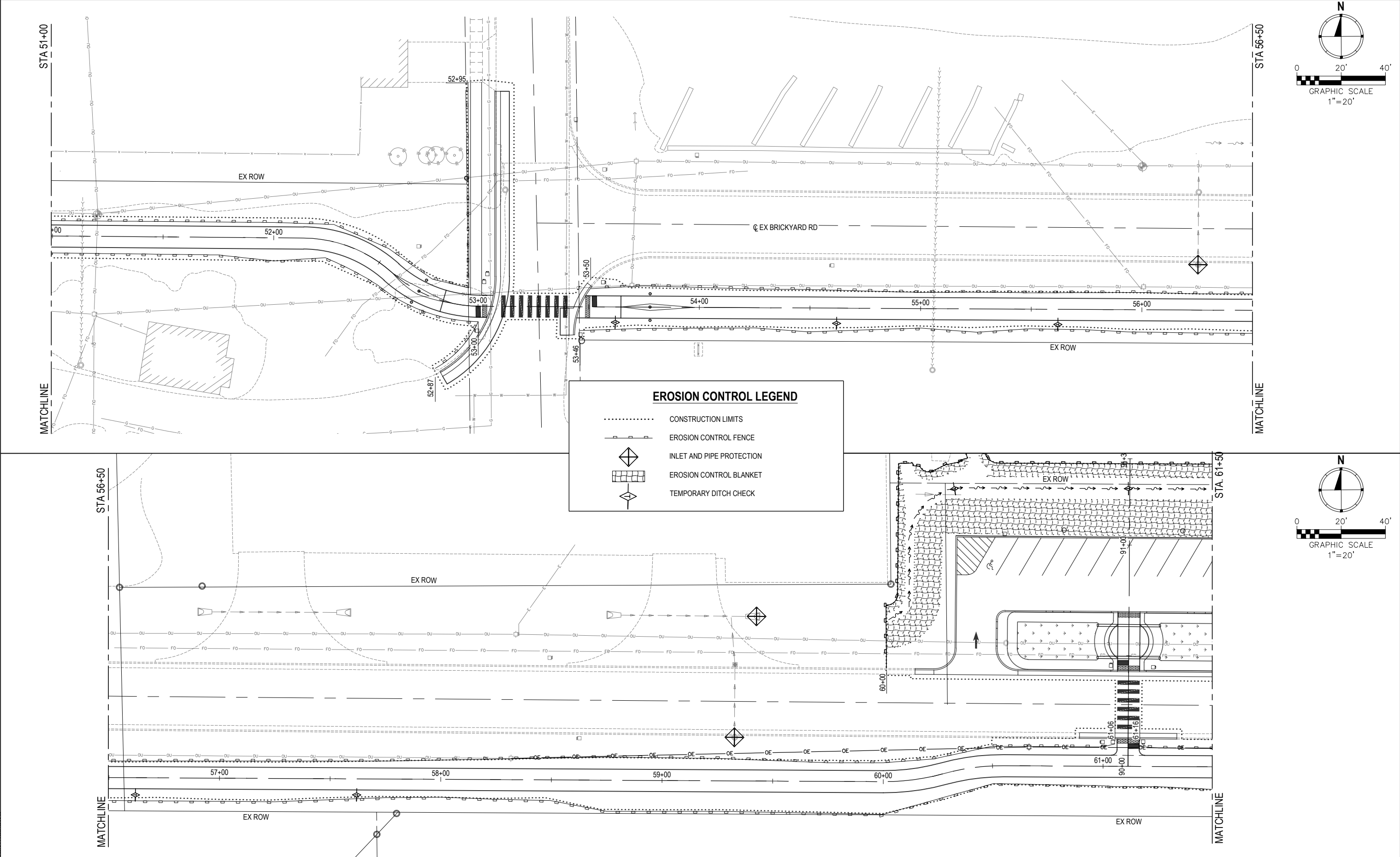
OATES ASSOCIATES
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

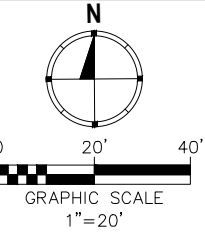
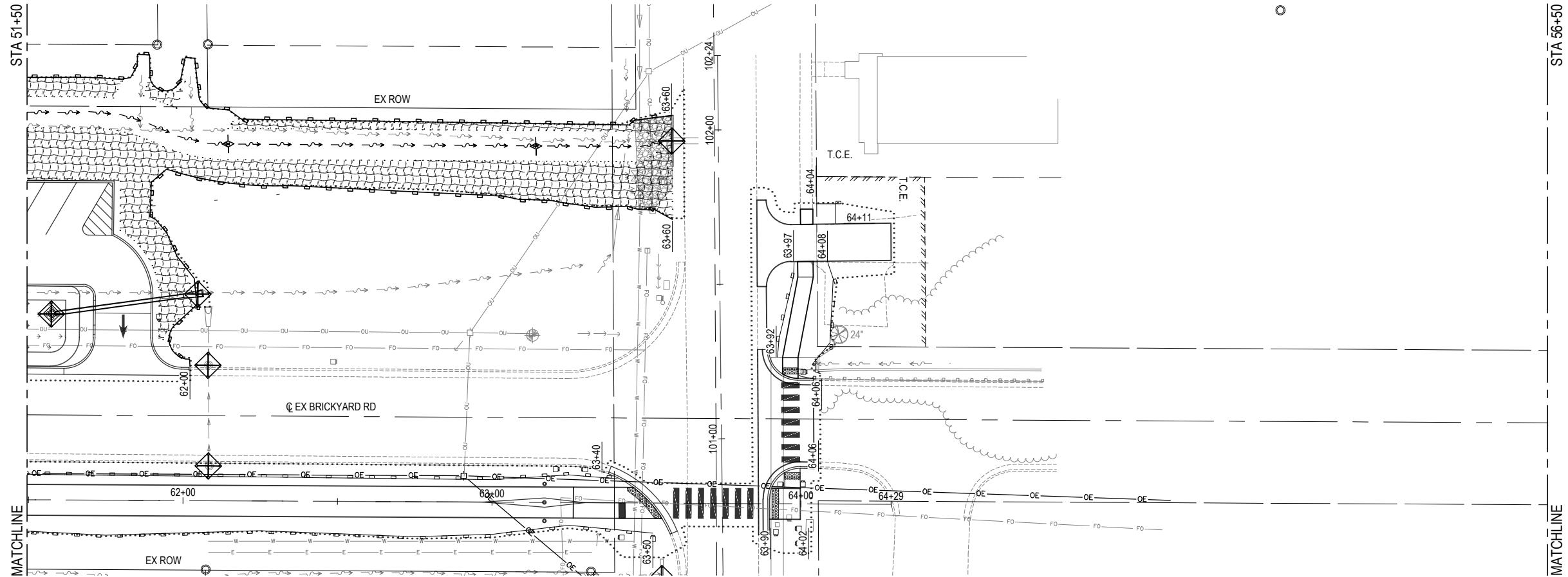
USER NAME	=	PHILLIP JONES	DESIGNED	-	---	REVISED	-	---
			DRAWN	-	---	REVISED	-	---
PLOT SCALE	=	4 1/4" = 1'	CHECKED	-	---	REVISED	-	---
PLOT DATE	=	2025-06-18	DATE	-	---	REVISED	-	---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SHEETS		
SCALE:	SHEET NO. 5 OF 6 SHEETS	STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00028-00-BT	ST. CLAIR	66	27
CONTRACT NO. 97863				
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		





EROSION CONTROL LEGEND

- CONSTRUCTION LIMITS
- EROSION CONTROL FENCE
- ◆ INLET AND PIPE PROTECTION
- ▨ EROSION CONTROL BLANKET
- ◇ TEMPORARY DITCH CHECK

FILE NAME = 222015 - EROSION CONTROL.DWG



USER NAME =	PHILLIP JONES	DESIGNED -	—	REVISED -	—
PLOT SCALE =	4 1/64" = 1'	DRAWN -	—	REVISED -	—
PLOT DATE =	2025-06-18	CHECKED -	—	REVISED -	—
		DATE -	—	REVISED -	—

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

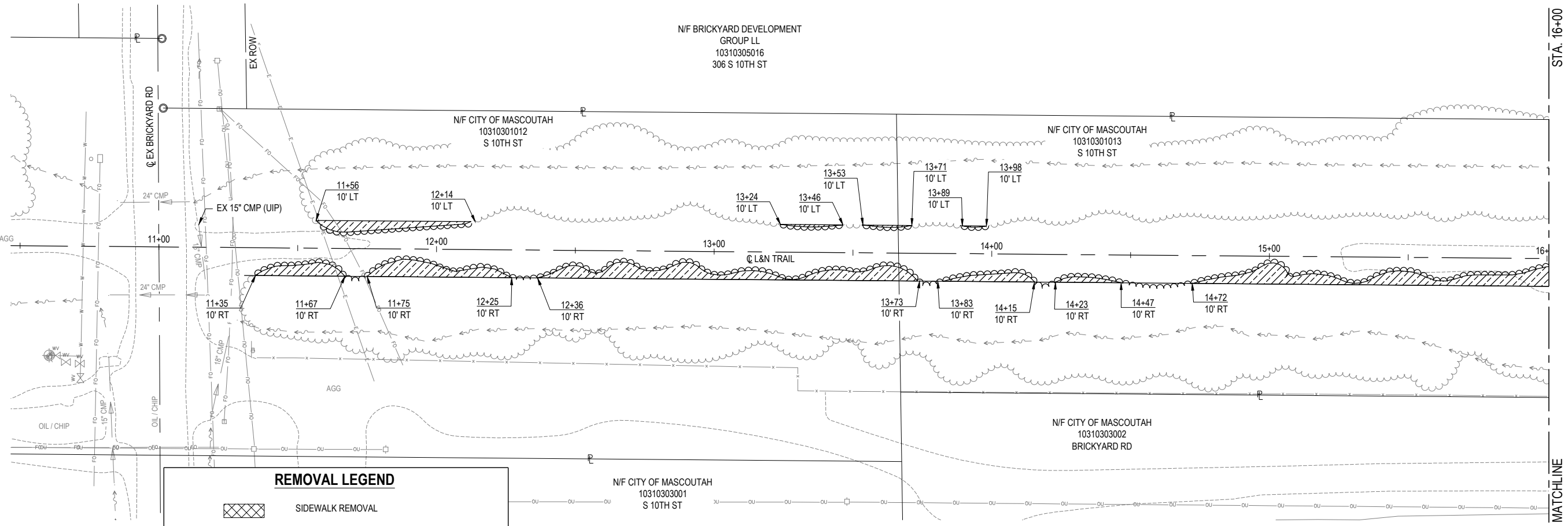
EROSION CONTROL SHEETS

SCALE: SHEET NO. 6 OF 6 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
—	21-00028-00-BT	ST. CLAIR	66	28
CONTRACT NO. 97863				
FED. ROAD DIST. NO. —	ILLINOIS	FED. AID PROJECT		

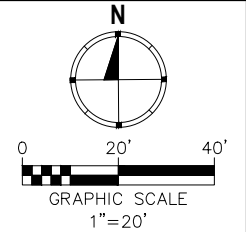
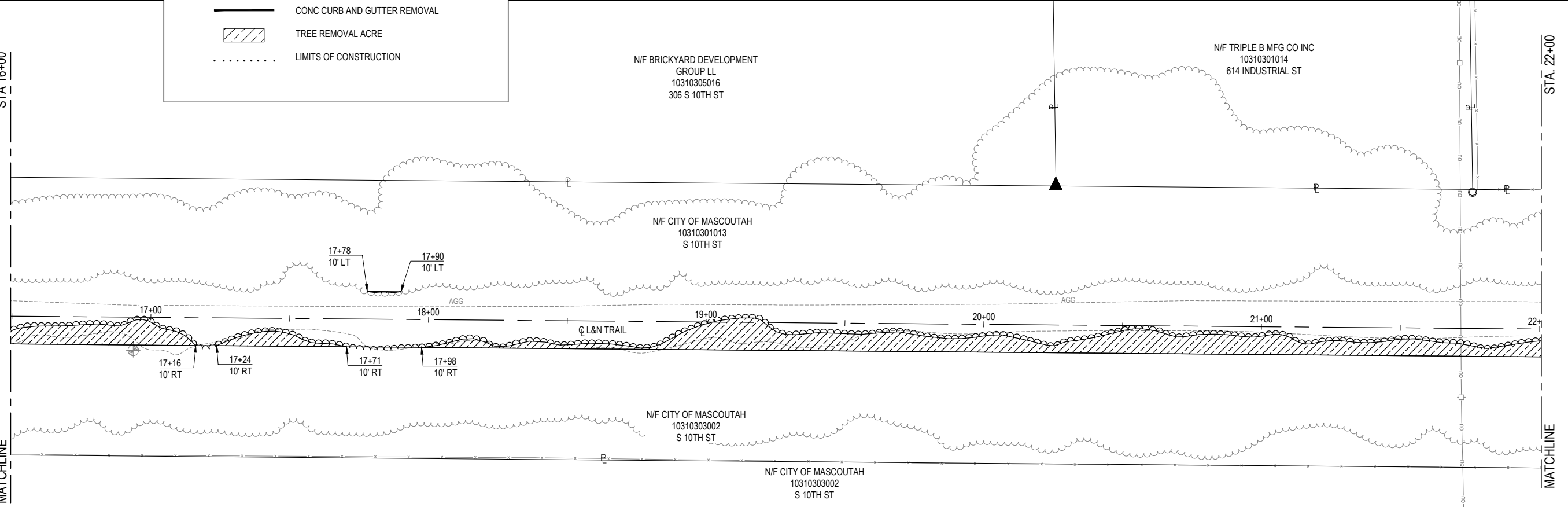
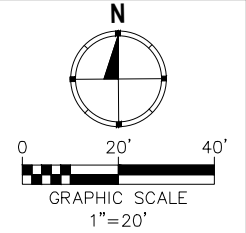
FILE NAME = 222015 - REMOVAL PLANS.DWG

STA 16+00
MATCHLINE



REMOVAL LEGEND

- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- CONC CURB AND GUTTER REMOVAL
- TREE REMOVAL ACRE
- LIMITS OF CONSTRUCTION



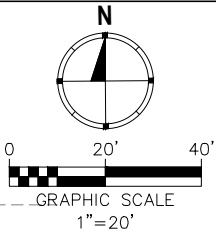
OATES ASSOCIATES
www.oatesassociates.com
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME =	PHILLIP JONES	DESIGNED -	_____	REVISED -	_____
PLOT SCALE =	4 1/4" = 1'	DRAWN -	_____	REVISED -	_____
PLOT DATE =	2025-06-18	CHECKED -	_____	REVISED -	_____
		DATE -	_____	REVISED -	_____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL SHEETS		
SCALE:	SHEET NO. 1 OF 6 SHEETS	STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
_____	21-00028-00-BT	ST. CLAIR	66	29
CONTRACT NO. 97863				
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



REMOVAL LEGEND

-  SIDEWALK REMOVAL
-  PAVEMENT REMOVAL
-  CONC CURB AND GUTTER REMOVAL
-  TREE REMOVAL ACRE
-  LIMITS OF CONSTRUCTION

STA 21+50

STA. 27+75

N/F CITY OF MASCOUTAH
10310301013
S 10TH ST

N/F CITY OF MASCOUTAH
10310303001
S 10TH ST

MATCHLINE

MATCHLINE

FILE NAME = 222015 - REMOVAL PLANS.DWG



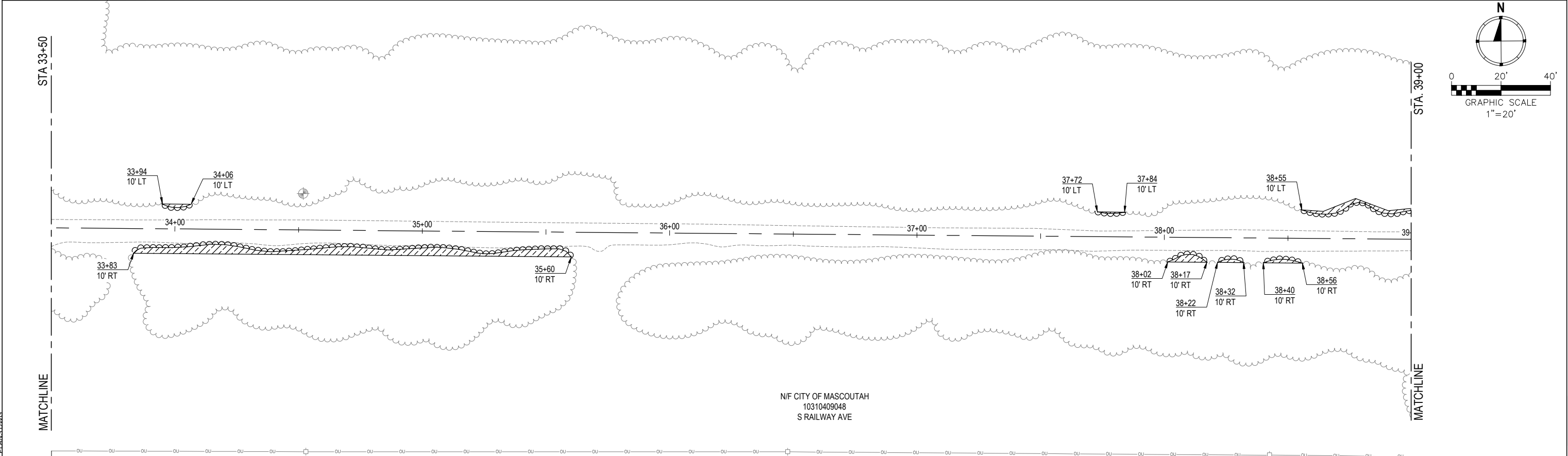
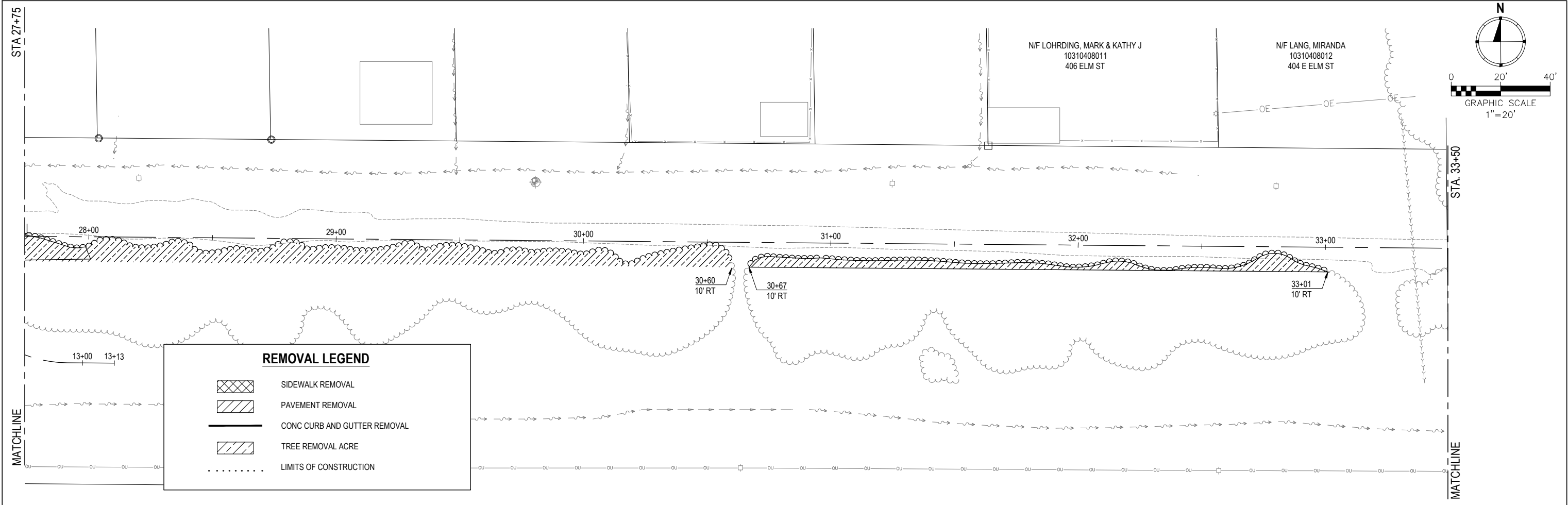
USER NAME =	PHILLIP JONES	DESIGNED -	___	REVISED -	___
		DRAWN -	___	REVISED -	___
PLOT SCALE =	4 41/64" = 1'	CHECKED -	___	REVISED -	___
PLOT DATE =	2025-06-18	DATE -	___	REVISED -	___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL SHEETS

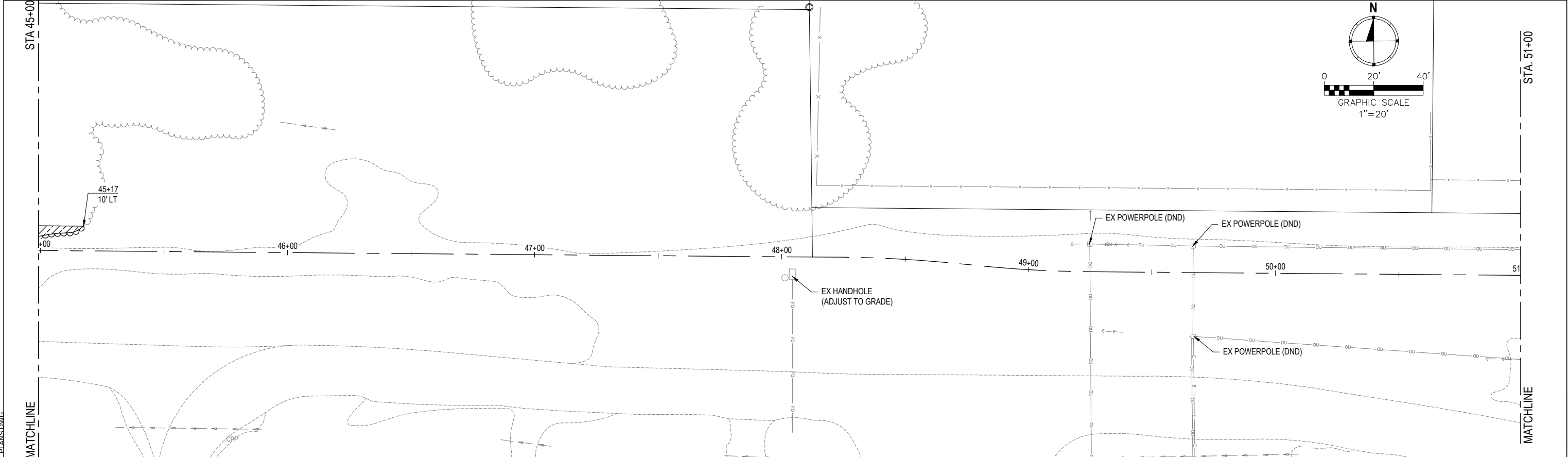
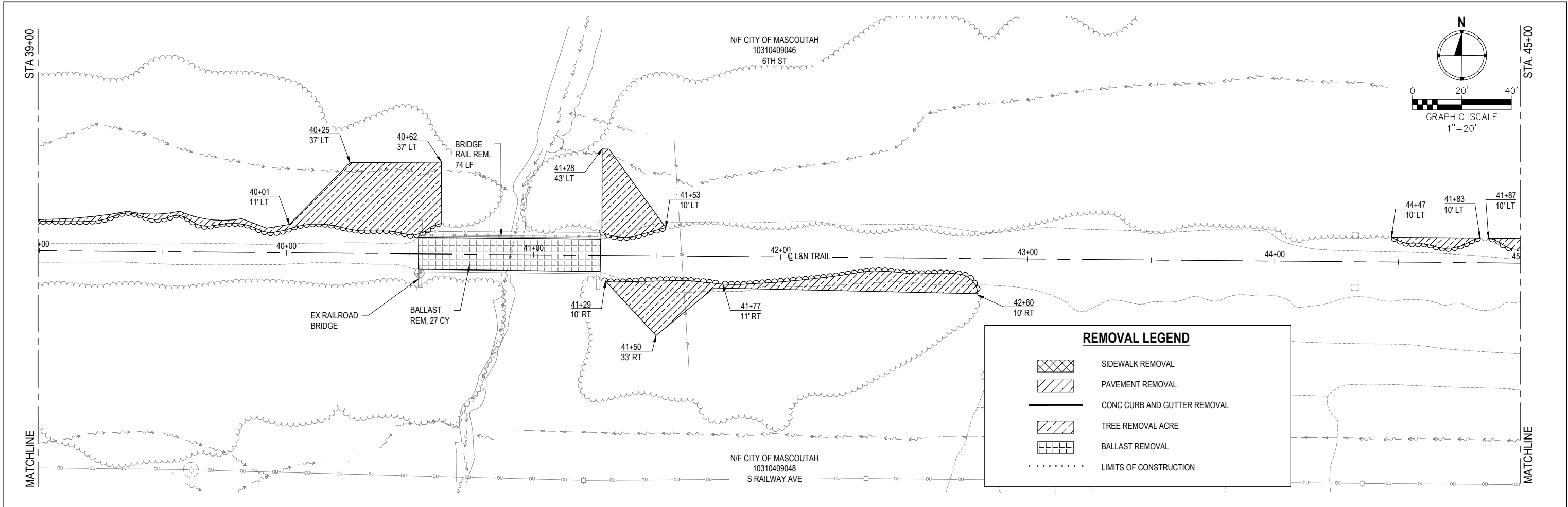
SCALE:	SHEET NO. 2 OF 6 SHEETS	STA. _____ TO STA. _____
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
___	21-00028-00-BT	ST. CLAIR	66	30
CONTRACT NO. 97863				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



FILE NAME = 222015 - REMOVAL PLANS.DWG

 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115	USER NAME = PHILLIP JONES	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL SHEETS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 4 41/64" = 1'	DRAWN -	REVISED -						21-00028-00-BT	ST. CLAIR	66	31
	PLOT DATE = 2025-06-18	CHECKED -	REVISED -		SCALE: SHEET NO. 3 OF 6 SHEETS STA. TO STA.			CONTRACT NO. 97863				
		DATE -	REVISED -					FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



FILE NAME = 222015 - REMOVAL PLANS.DWG



USER NAME =	PHILLIP JONES	DESIGNED -	___	REVISED -	___
PLOT SCALE =	4 41/64" = 1'	DRAWN -	___	REVISED -	___
PLOT DATE =	2025-06-18	CHECKED -	___	REVISED -	___
		DATE -	___	REVISED -	___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL SHEETS

SCALE:	SHEET NO. 4 OF 6 SHEETS	STA. _____ TO STA. _____
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
___	21-00028-00-BT	ST. CLAIR	66	32
CONTRACT NO. 97863				
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

FILE NAME = 222015 - REMOVAL PLANS.DWG



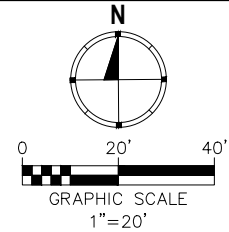
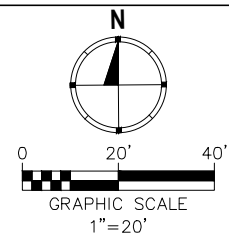
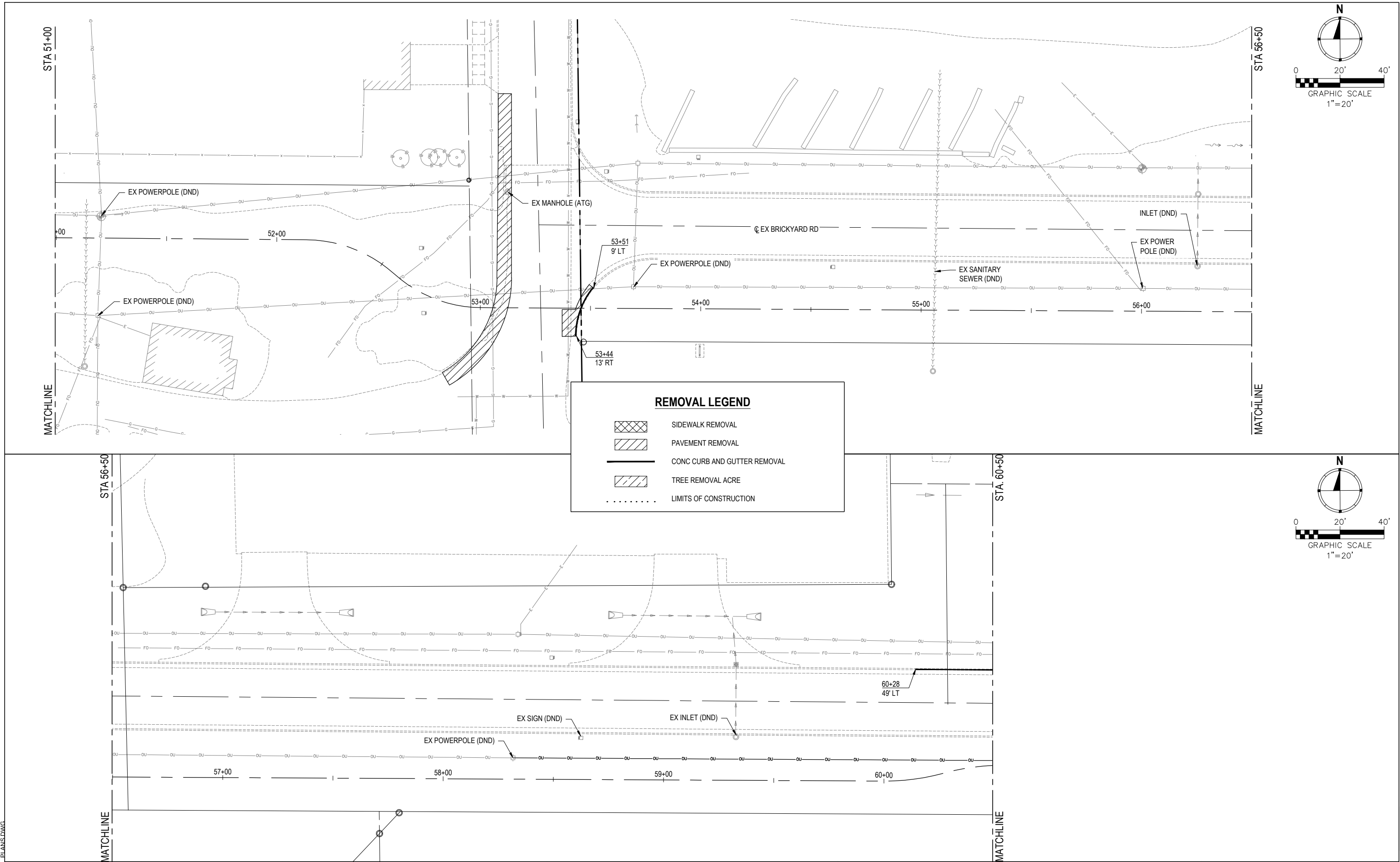
USER NAME =	PHILLIP JONES	DESIGNED -	---	REVISED -	---
		DRAWN -	---	REVISED -	---
PLOT SCALE =	4 41/64" = 1'	CHECKED -	---	REVISED -	---
PLOT DATE =	2025-06-18	DATE -	---	REVISED -	---

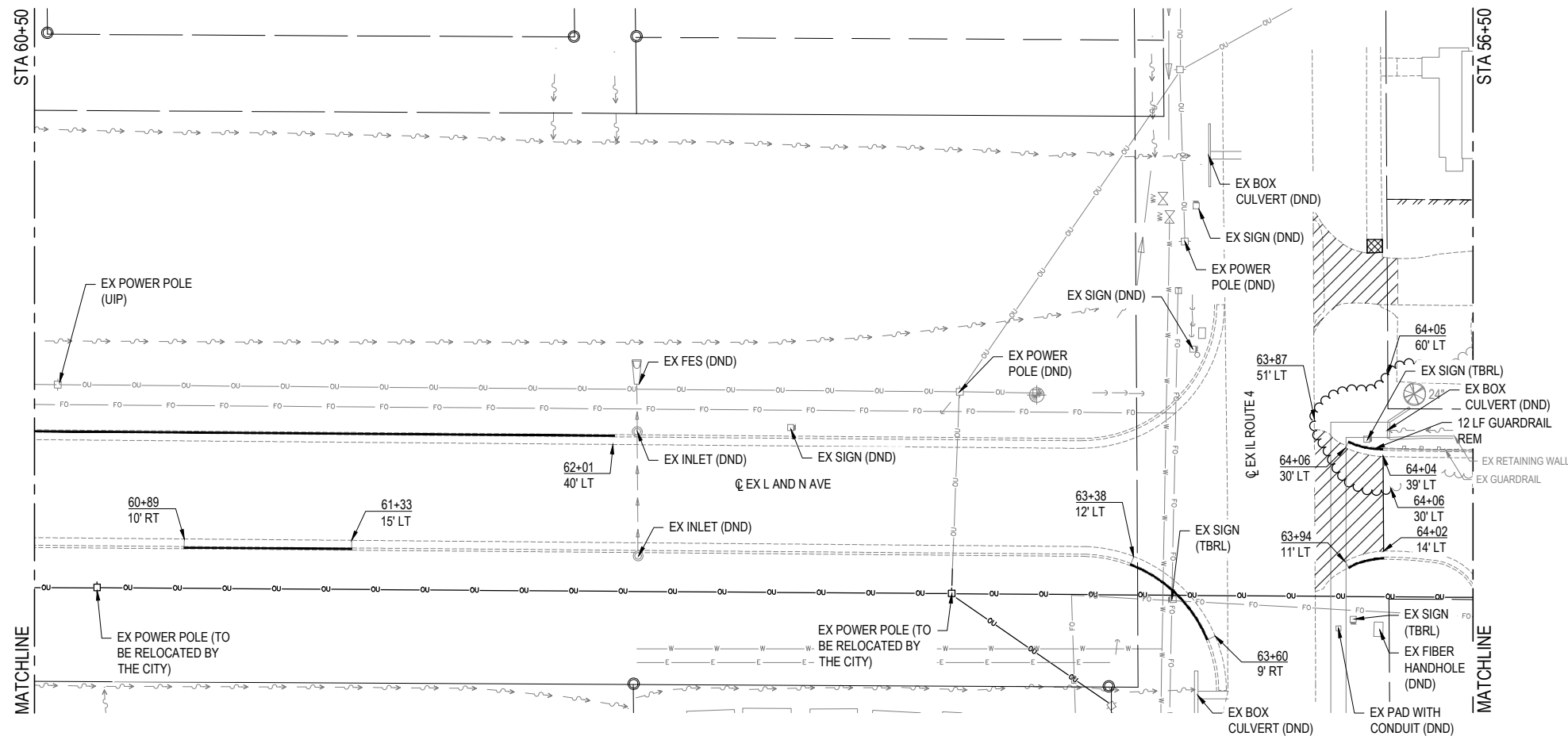
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL SHEETS

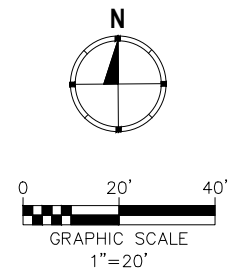
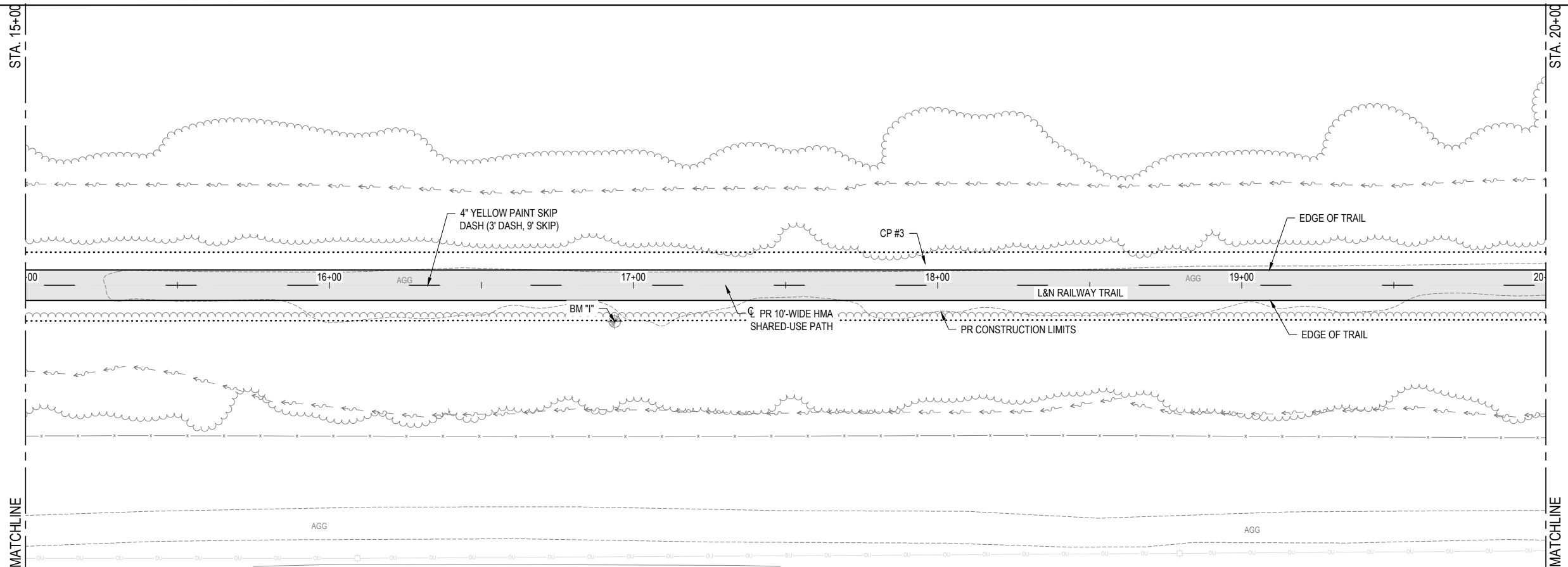
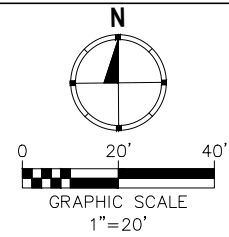
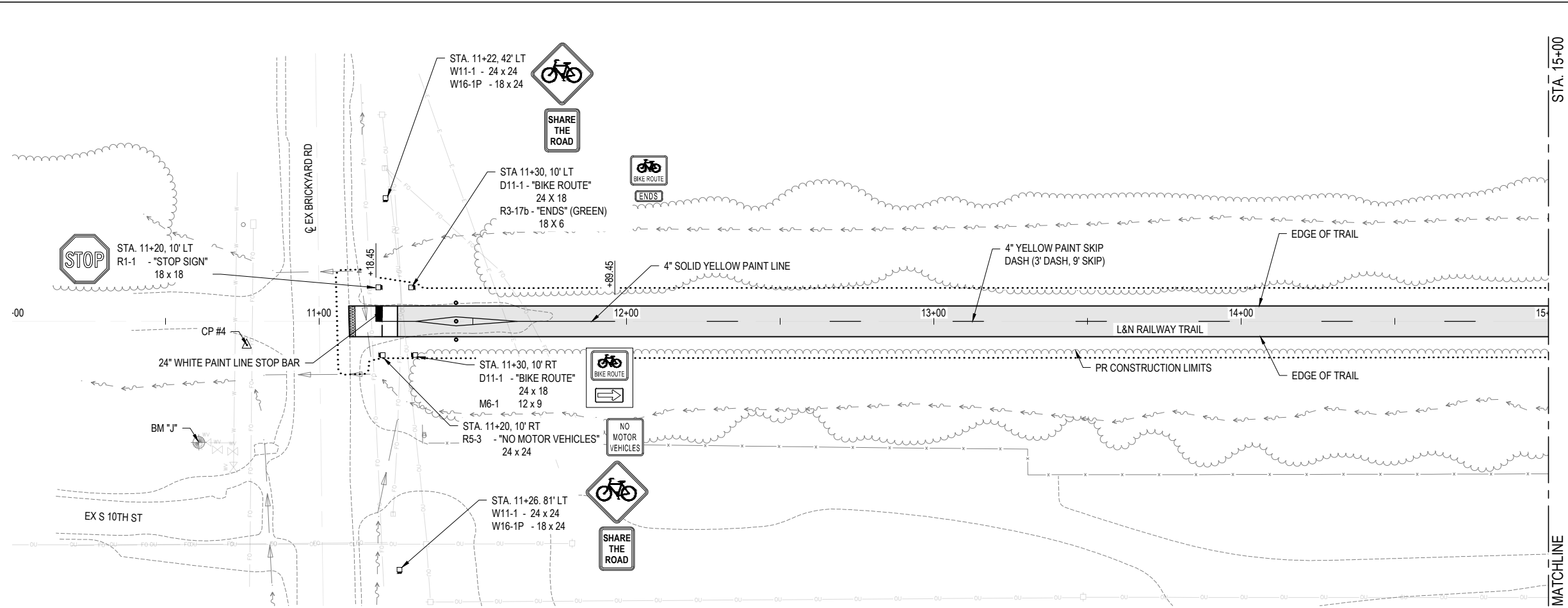
SCALE: SHEET NO. 5 OF 6 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	21-00028-00-BT	ST. CLAIR	66	33
CONTRACT NO. 97863				
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		





	SIDEWALK REMOVAL
	PAVEMENT REMOVAL
	CONC CURB AND GUTTER REMOVAL
	TREE REMOVAL ACRE
	LIMITS OF CONSTRUCTION



222015 - PAVEMENT
MARKING &
SIGNAGE.DWG



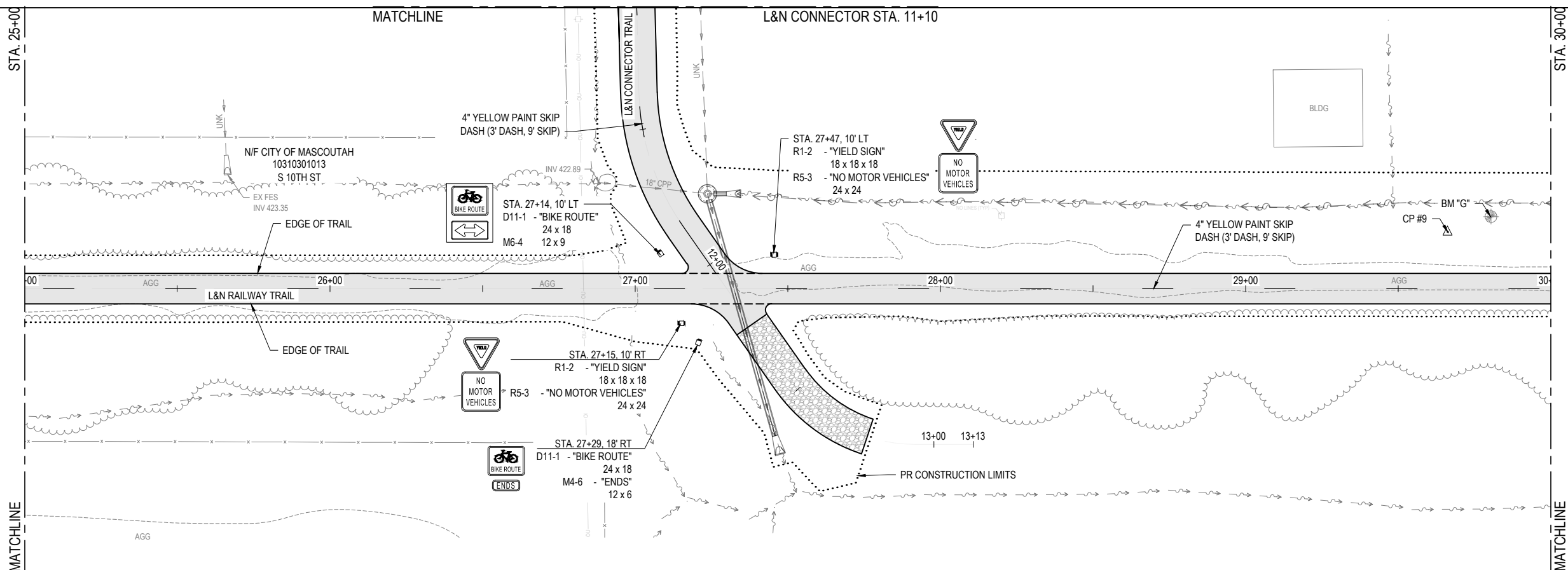
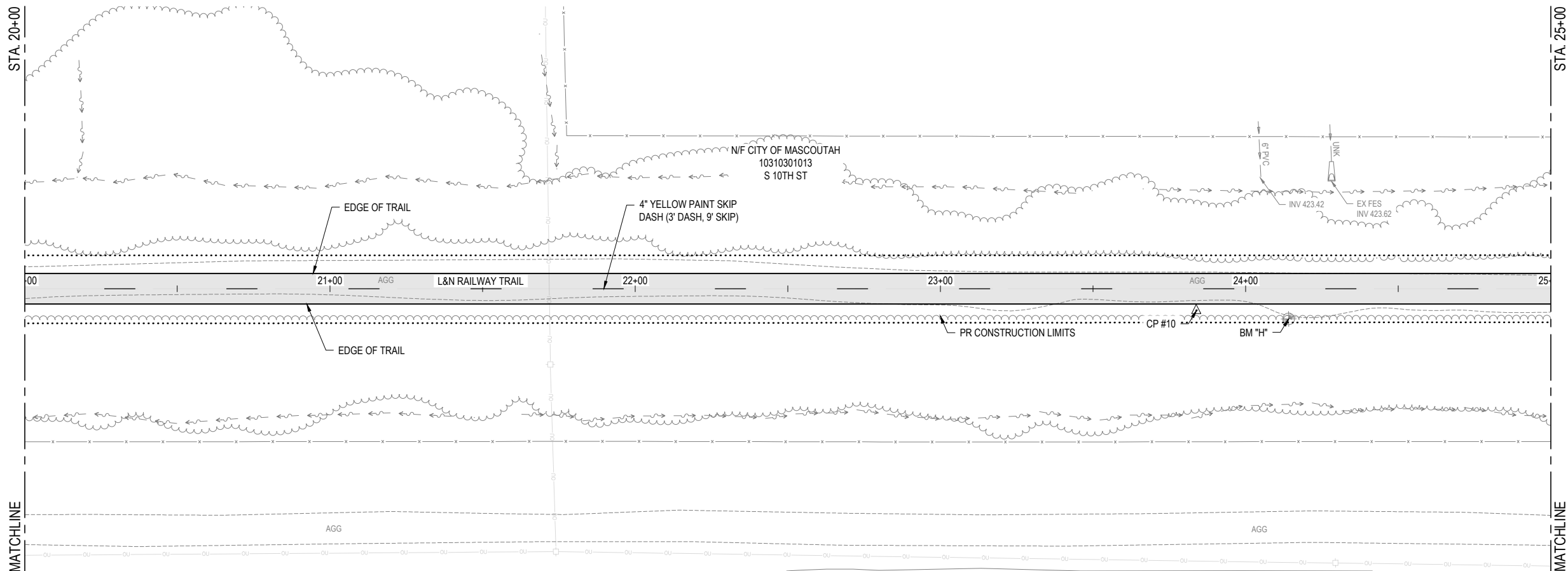
USER NAME =	PHILLIP JONES	DESIGNED -	_____	REVISED -	_____
PLOT SCALE =	4 41/64" = 1'	DRAWN -	_____	REVISED -	_____
PLOT DATE =	2025-06-18	CHECKED -	_____	REVISED -	_____
		DATE -	_____	REVISED -	_____

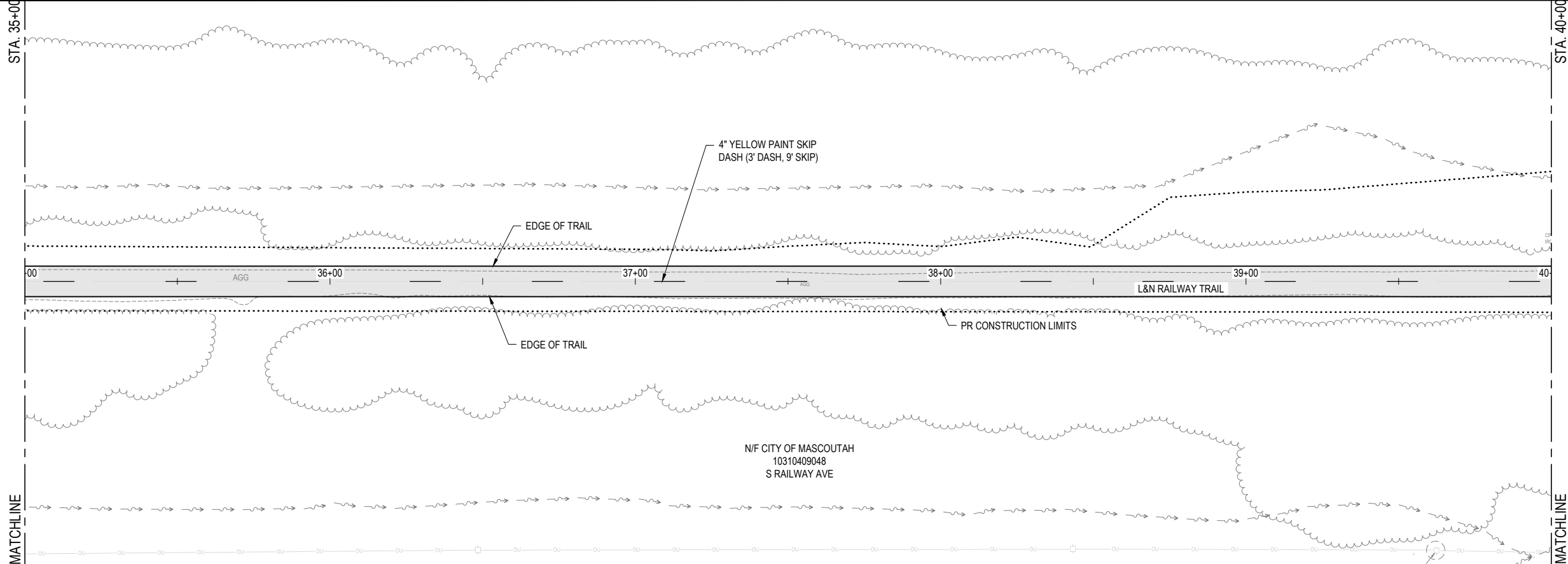
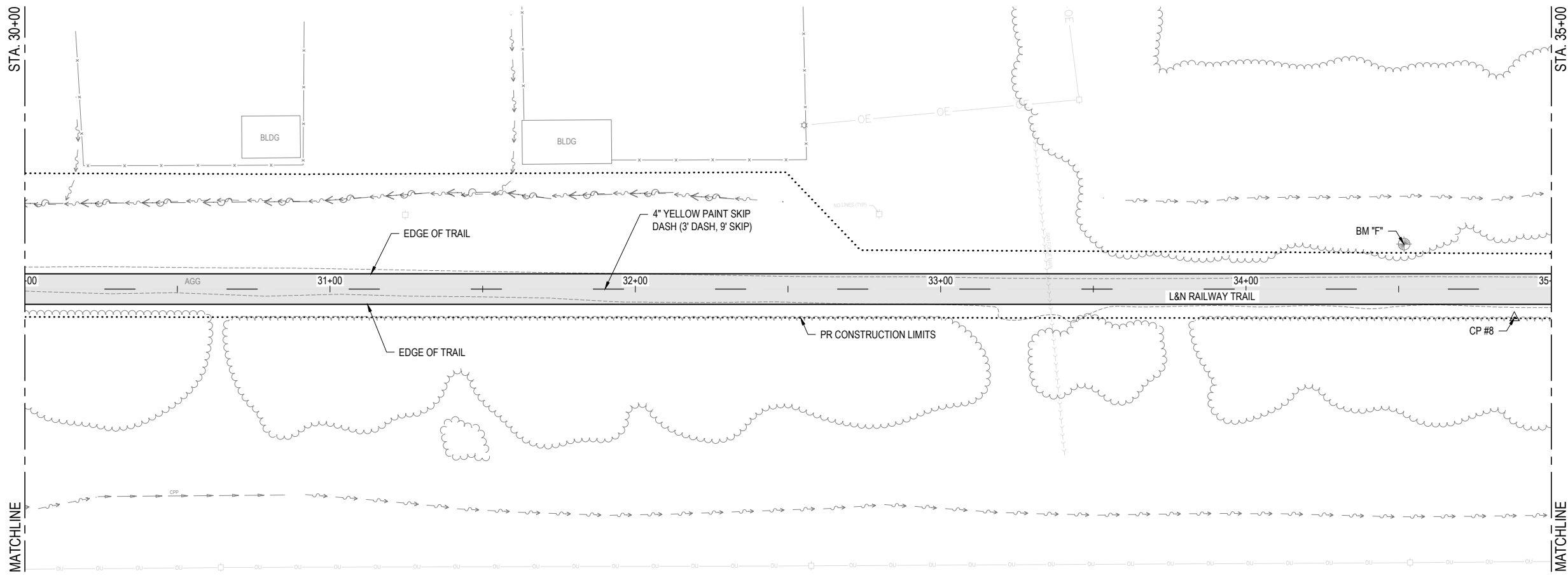
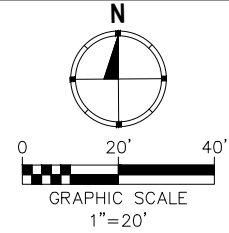
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNAGE & STRIPING SHEETS

SCALE: SHEET NO. 1 OF 7 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
_____	21-00028-00-BT	ST. CLAIR	66	35
CONTRACT NO. 97863				
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		





N/F CITY OF MASCOUTAH
10310409048
S RAILWAY AVE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNAGE & STRIPING SHEETS

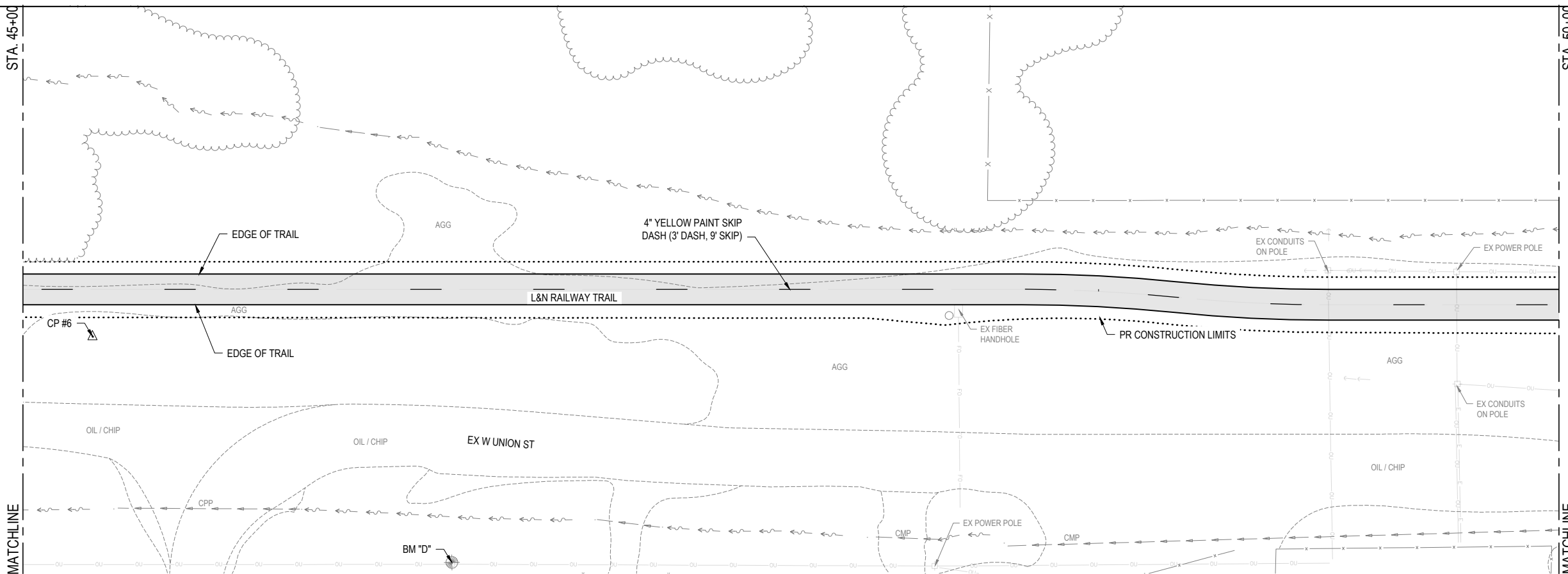
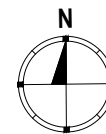
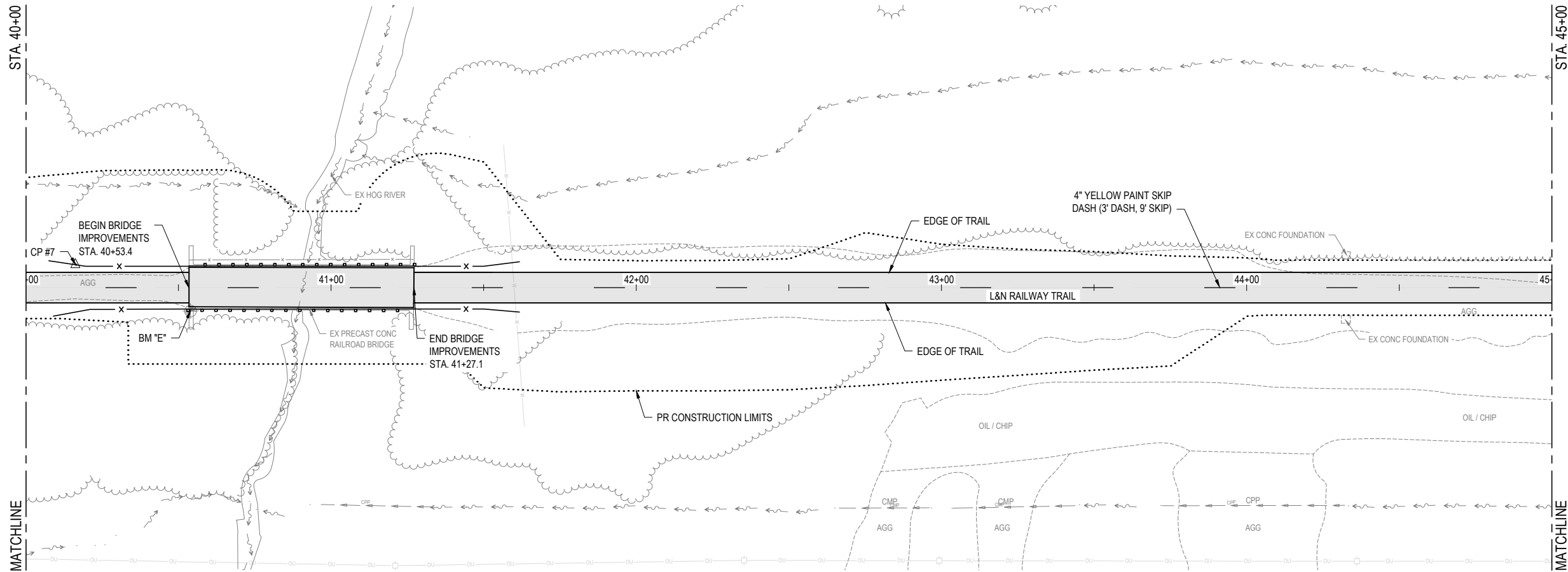
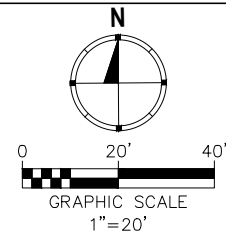
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00028-00-BT	ST. CLAIR	66	37
CONTRACT NO. 97863				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



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ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME =	PHILLIP JONES	DESIGNED -	---	REVISED -	---
PLOT SCALE =	4 1/4" = 1'	DRAWN -	---	REVISED -	---
PLOT DATE =	2025-06-18	CHECKED -	---	REVISED -	---
		DATE -	---	REVISED -	---

FILE NAME = 222015 - PAVEMENT MARKING & STRIPING.DWG



222015 - PAVEMENT
MARKING &
SIGNAGE.DWG



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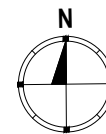
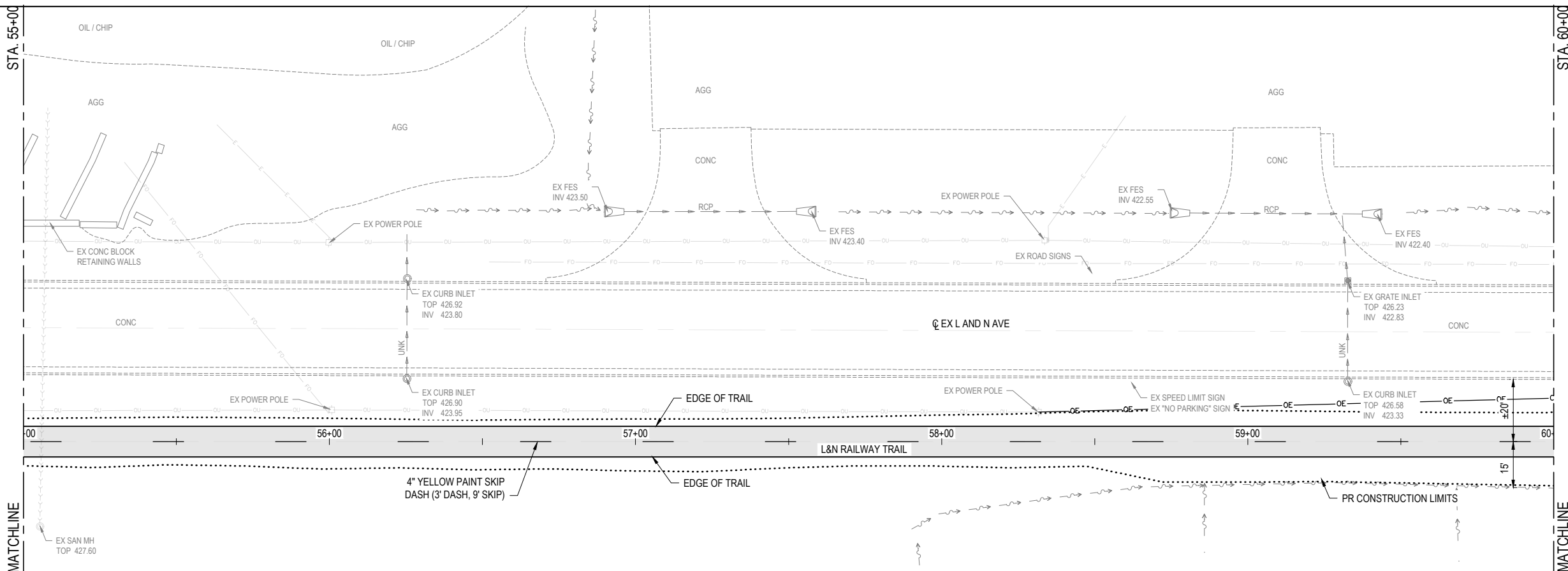
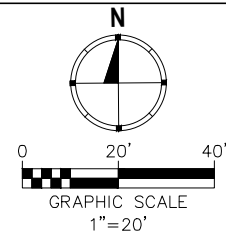
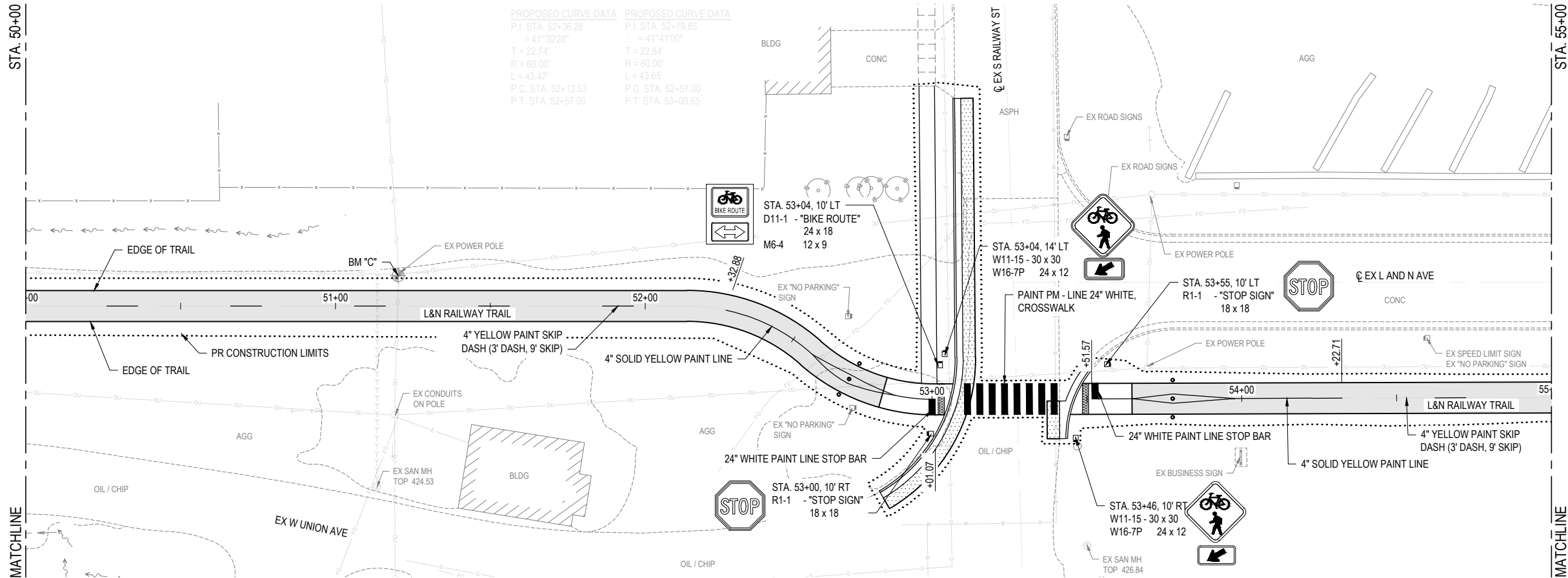
USER NAME =	PHILLIP JONES	DESIGNED -	___	REVISED -	___
		DRAWN -	___	REVISED -	___
PLOT SCALE =	4 1/4" = 1'	CHECKED -	___	REVISED -	___
PLOT DATE =	2025-06-18	DATE -	___	REVISED -	___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNAGE & STRIPING SHEETS

SCALE: SHEET NO. 4 OF 7 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
___	21-00028-00-BT	ST. CLAIR	66	38
CONTRACT NO. 97863				
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



222015 - PAVEMENT
MARKING &
SIGNAGE.DWG



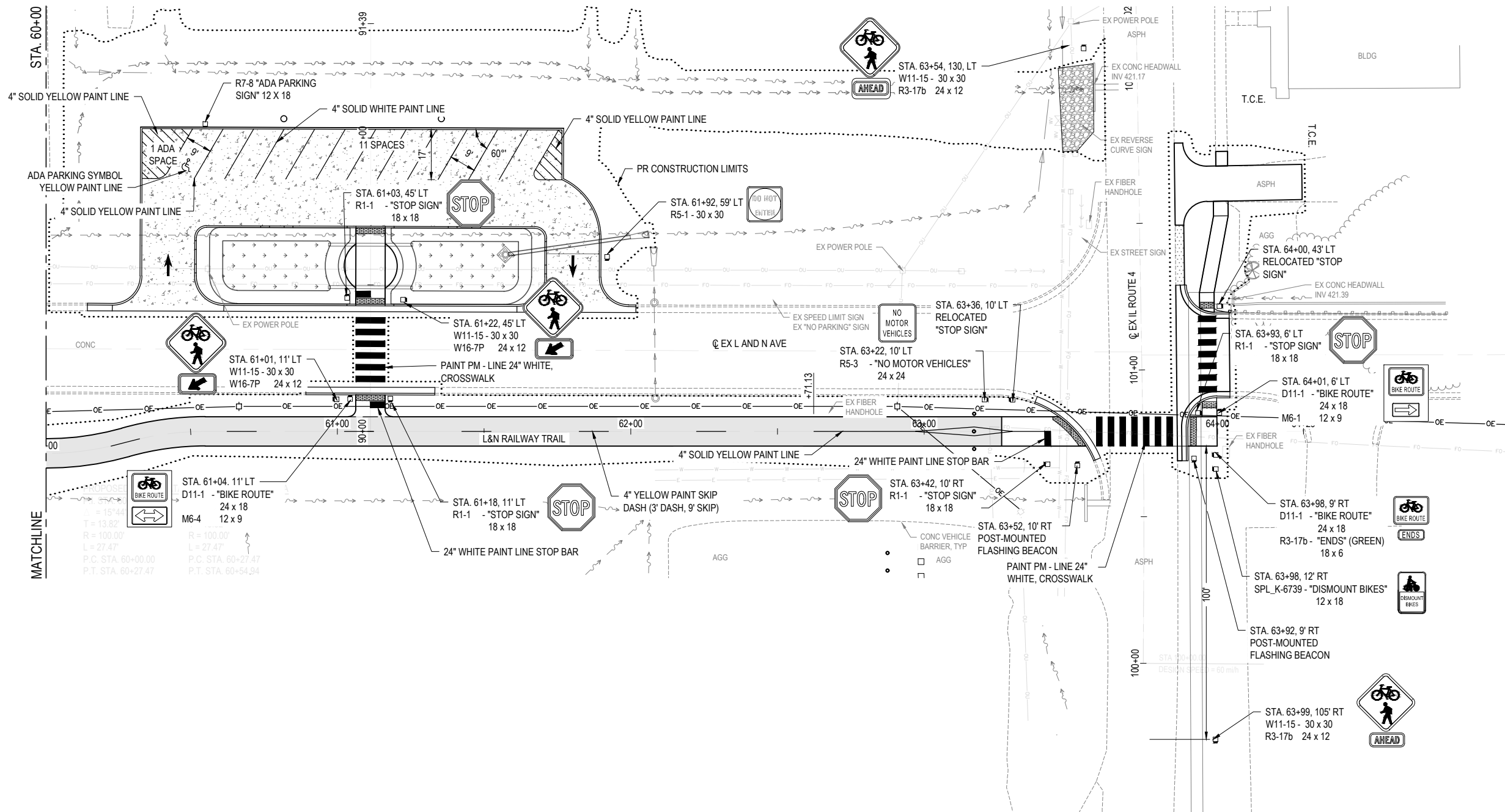
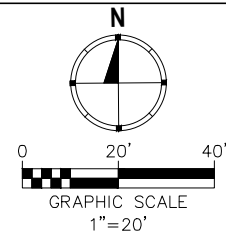
USER NAME =	PHILLIP JONES	DESIGNED -	---	REVISED -	---
PLOT SCALE =	4 1/4" = 1'	DRAWN -	---	REVISED -	---
PLOT DATE =	2025-06-18	CHECKED -	---	REVISED -	---
		DATE -	---	REVISED -	---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNAGE & STRIPING SHEETS

SCALE: SHEET NO. 5 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00028-00-BT	ST. CLAIR	66	39
CONTRACT NO. 97863				
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		



222015 - PAVEMENT
MARKING &
SIGNAGE.DWG



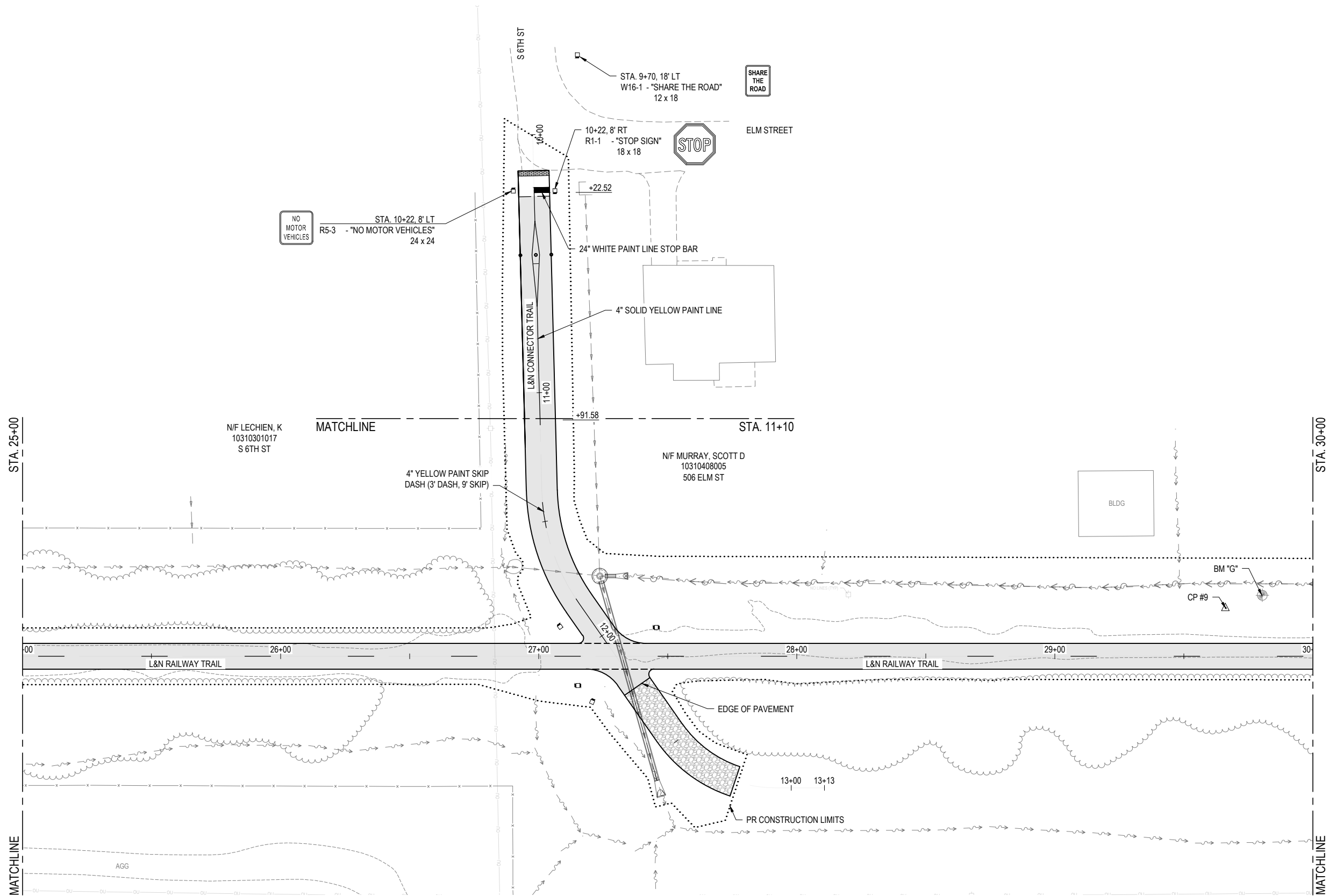
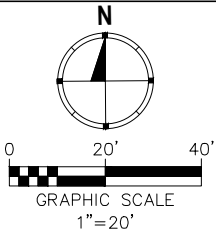
USER NAME	=	PHILLIP JONES	DESIGNED	-	---	REVISED	-	---
PLOT SCALE	=	4 1/4" = 1'	DRAWN	-	---	REVISED	-	---
PLOT DATE	=	2025-06-18	CHECKED	-	---	REVISED	-	---
			DATE	-	---	REVISED	-	---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNAGE & STRIPING SHEETS

SCALE: SHEET NO. 6 OF 7 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00028-00-BT	ST. CLAIR	66	40
CONTRACT NO. 97863				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



222015 - PAVEMENT
MARKING &
SIGNAGE.DWG



USER NAME =	PHILLIP JONES	DESIGNED -	_____	REVISED -	_____
		DRAWN -	_____	REVISED -	_____
PLOT SCALE =	4 41/64" = 1'	CHECKED -	_____	REVISED -	_____
PLOT DATE =	2025-06-18	DATE -	_____	REVISED -	_____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

L&N CONNECTOR TRAIL
SIGNAGE & STRIPING SHEETS

SCALE:	SHEET NO. <u>7</u> OF <u>7</u> SHEETS	STA. _____ TO STA. _____
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
_____	21-00028-00-BT	ST. CLAIR	66	41
CONTRACT NO. 97863				
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

FILE NAME = 22015-DESIGN.DWG



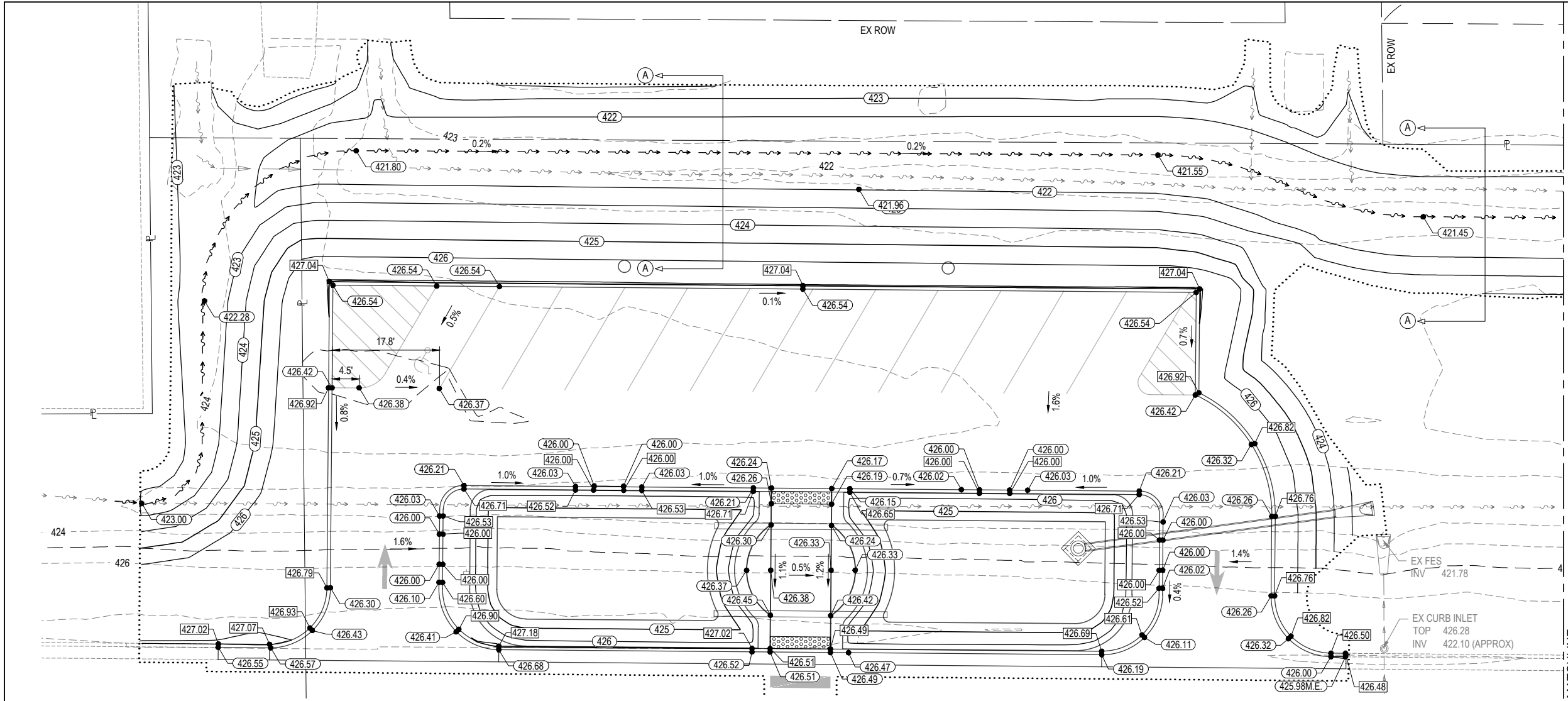
USER NAME =	PHILLIP JONES	DESIGNED -	---	REVISED -	---
PLOT SCALE =	4 1/64" = 1'	DRAWN -	---	REVISED -	---
PLOT DATE =	2025-06-17	CHECKED -	---	REVISED -	---
		DATE -	---	REVISED -	---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARKING LOT DETAIL

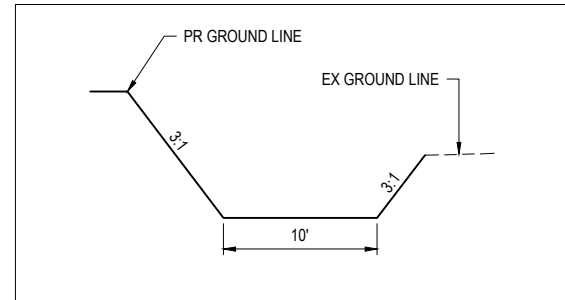
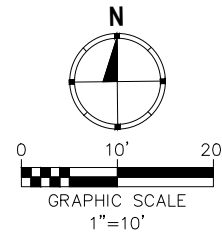
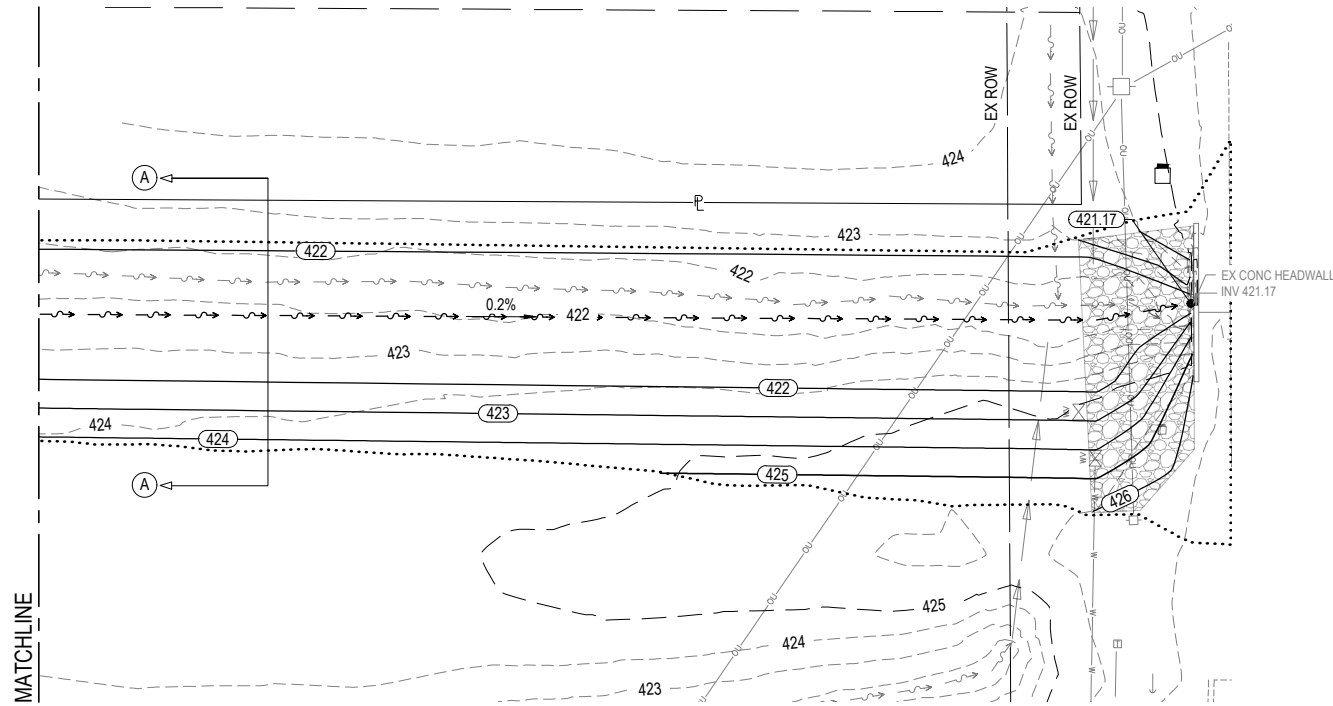
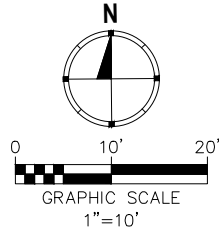
SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	21-00028-00-BT	ST. CLAIR	66	42
CONTRACT NO. 97863				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

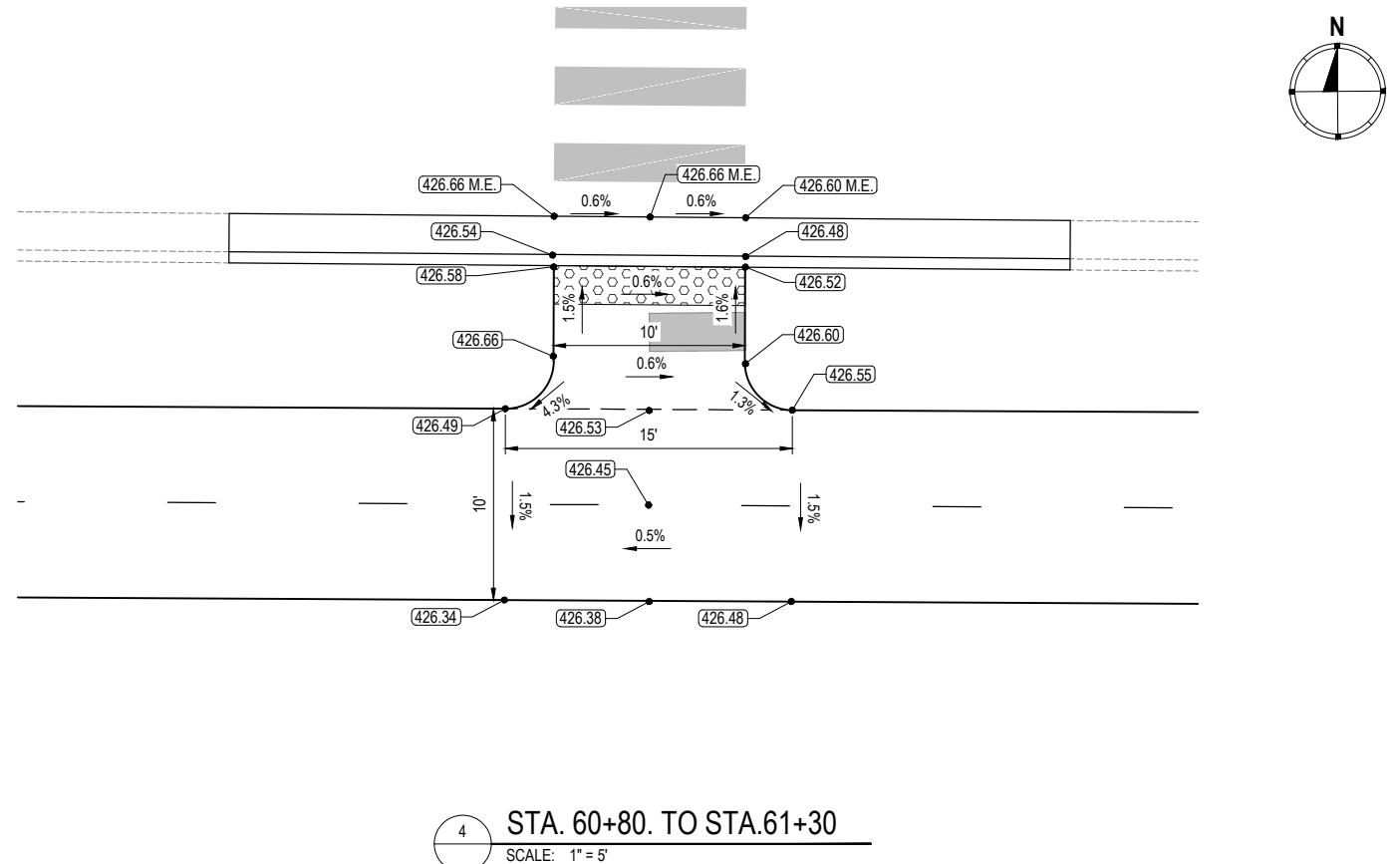
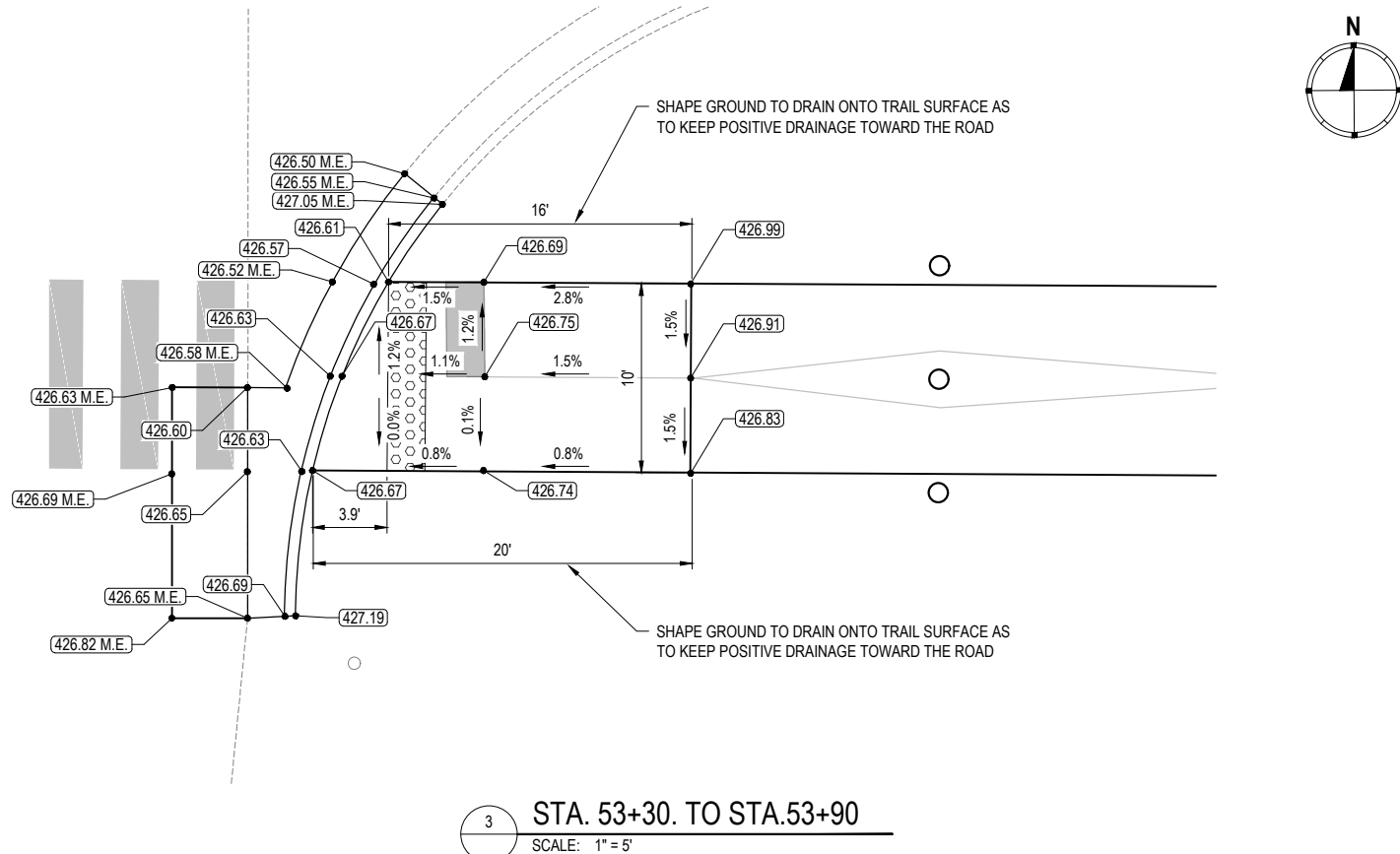
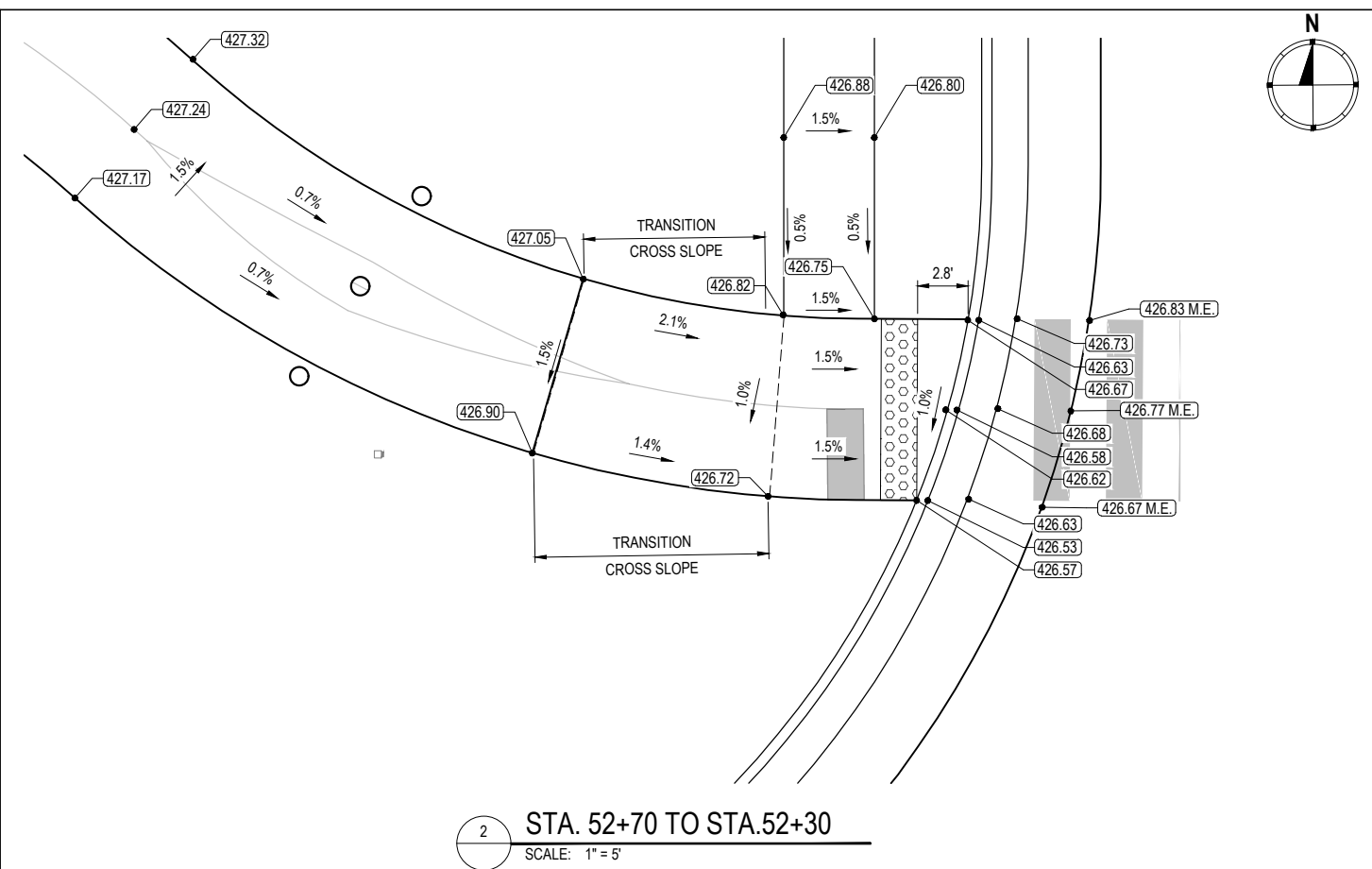
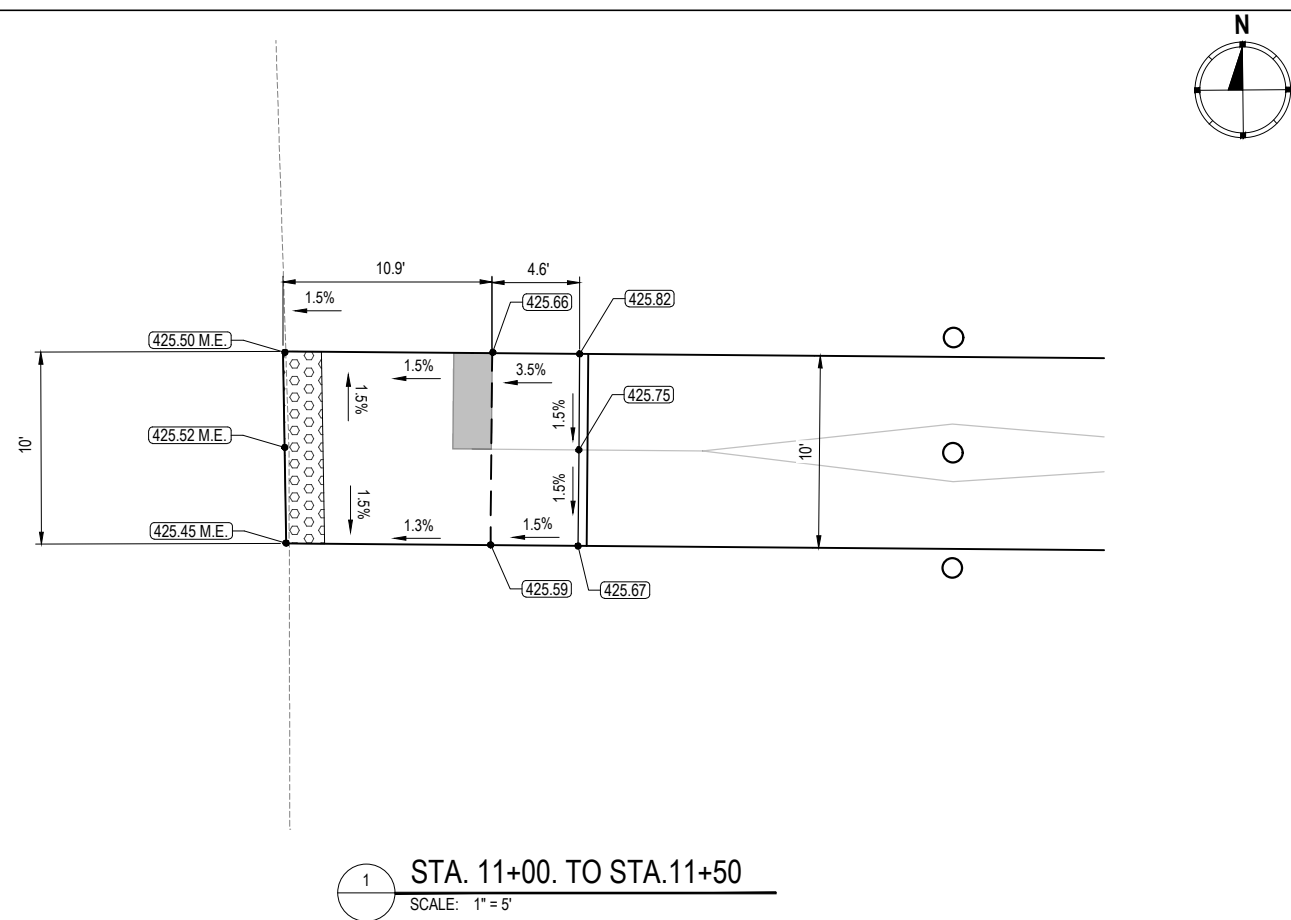


GRADING DETAIL LEGEND

- PROPOSED ELEVATION, UNLESS OTHERWISE NOTED
- PROPOSED ELEVATION TO BACK OF CURB
- SLOPE, % (POINTS DOWNHILL)
- CONSTRUCTION LIMITS
- EXISTING CONTOUR
- PROPOSED CONTOUR



TYPICAL DITCH SECTION
SCALE: NO SCALE



FILE NAME = 222015 - WARP AND RAMP DETAILS.DWG



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USER NAME	=	PHILLIP JONES	DESIGNED	-	___	REVISED	-	___
PLOT SCALE	=	4 1/64" = 1'	DRAWN	-	___	REVISED	-	___
PLOT DATE	=	2025-06-18	CHECKED	-	___	REVISED	-	___
			DATE	-	___	REVISED	-	___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP INTERSECTION DETAILS		
SCALE:	SHEET NO. <u>1</u> OF <u>3</u> SHEETS	STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
___	21-00028-00-BT	ST. CLAIR	66	43
CONTRACT NO. 97863				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

FILE NAME = 222015 - WARP AND RAMP DETAILS.DWG



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ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME	=	PHILLIP JONES	DESIGNED	-	---	REVISED	-	---
PLOT SCALE	=	4 1/64" = 1'	DRAWN	-	---	REVISED	-	---
PLOT DATE	=	2025-06-18	CHECKED	-	---	REVISED	-	---
			DATE	-	---	REVISED	-	---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP INTERSECTION DETAILS

SCALE:	SHEET NO. 2 OF 3 SHEETS	STA. _____ TO STA. _____
--------	-------------------------	--------------------------

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	21-00028-00-BT	ST. CLAIR	66	44
CONTRACT NO. 97863				
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

1 STA. 63+30 TO STA 63+65
SCALE: 1" = 5'

2 STA. 63+65 TO STA 63+20
SCALE: 1" = 5'

3 STA. 101+00 TO STA 101+50
SCALE: 1" = 5'

4 STA. 10+00 TO STA 10+40
SCALE: 1" = 5'

FILE NAME = 222015 - WARP AND RAMP DETAILS.DWG



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ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME	=	PHILLIP JONES	DESIGNED	-	___	REVISED	-	___
			DRAWN	-	___	REVISED	-	___
PLOT SCALE	=	4 41/64" = 1'	CHECKED	-	___	REVISED	-	___
PLOT DATE	=	2025-06-18	DATE	-	___	REVISED	-	___

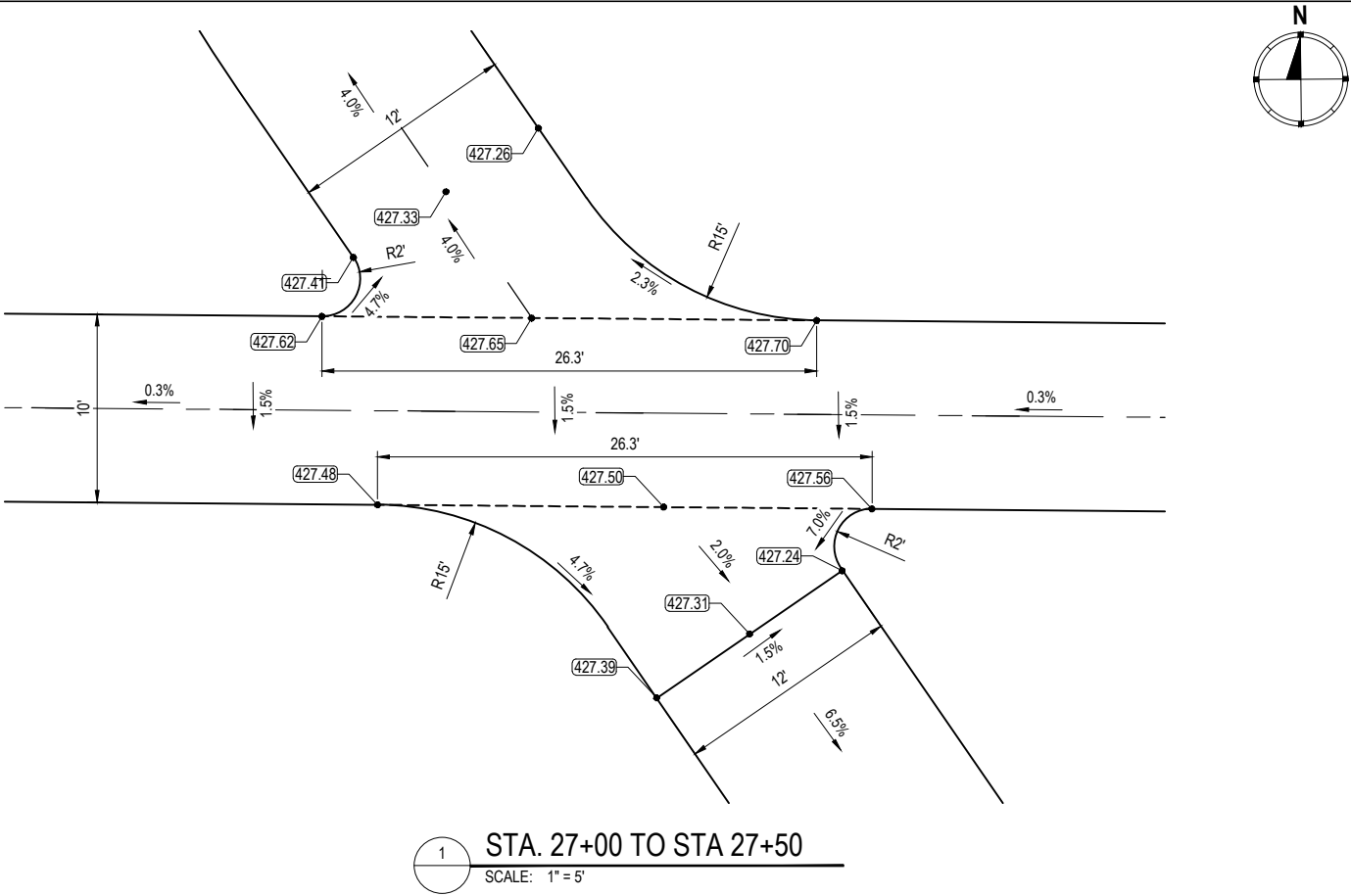
STATE OF ILLINOIS

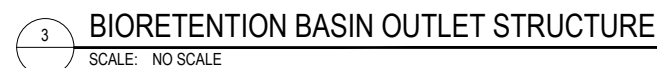
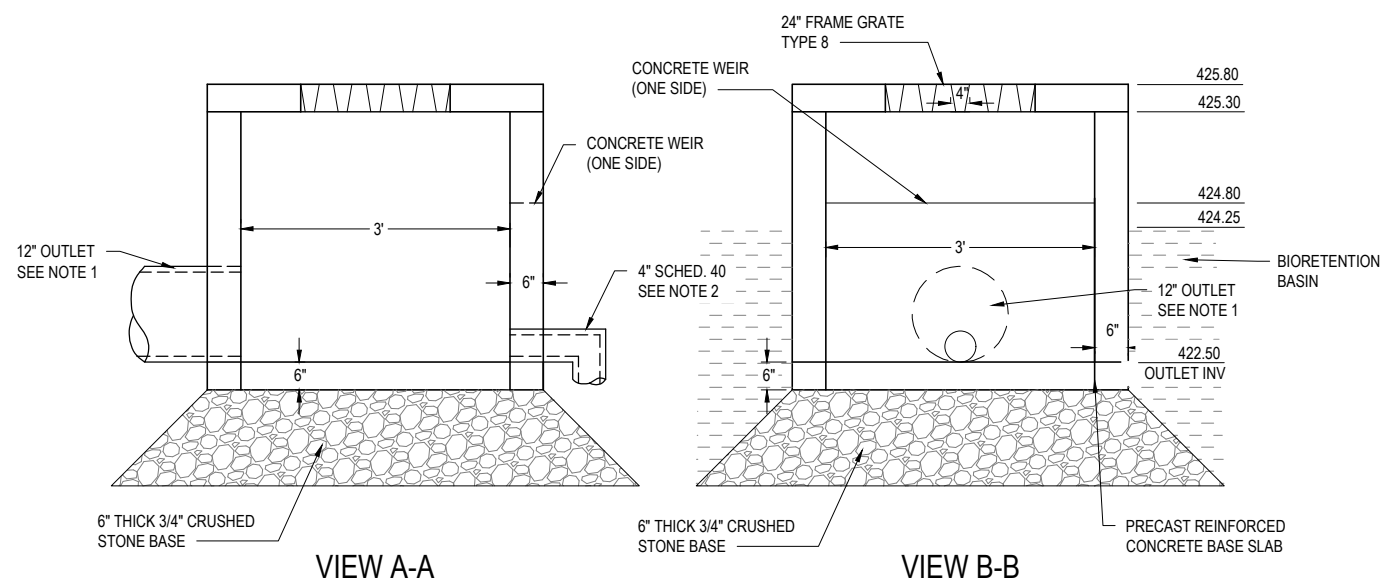
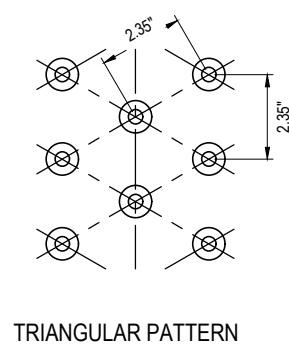
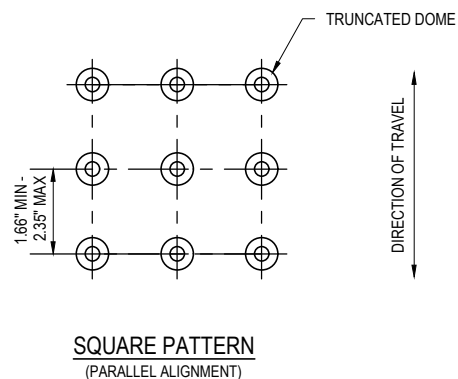
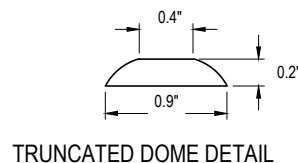
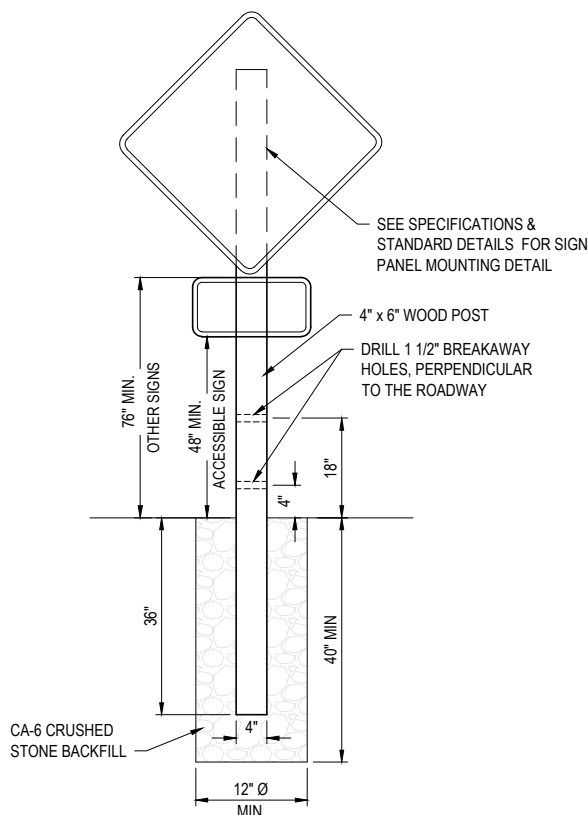
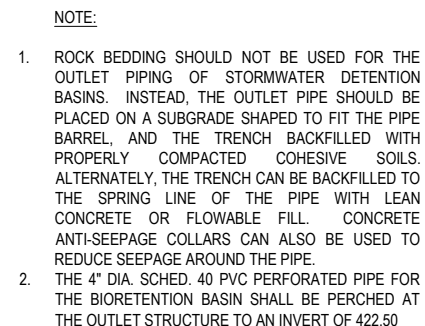
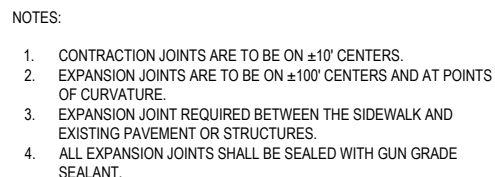
DEPARTMENT OF TRANSPORTATION

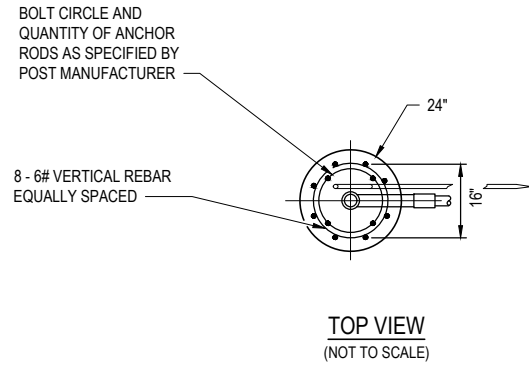
RAMP INTERSECTION DETAILS

SCALE:	SHEET NO. 3 OF 3 SHEETS	STA. _____ TO STA. _____
--------	-------------------------	--------------------------

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
___	21-00028-00-BT	ST. CLAIR	66	45
CONTRACT NO. 97863				
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

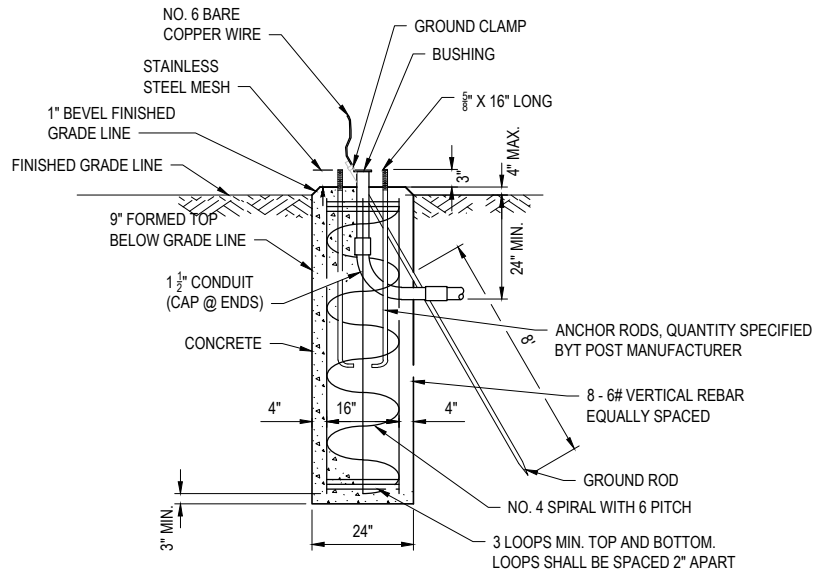




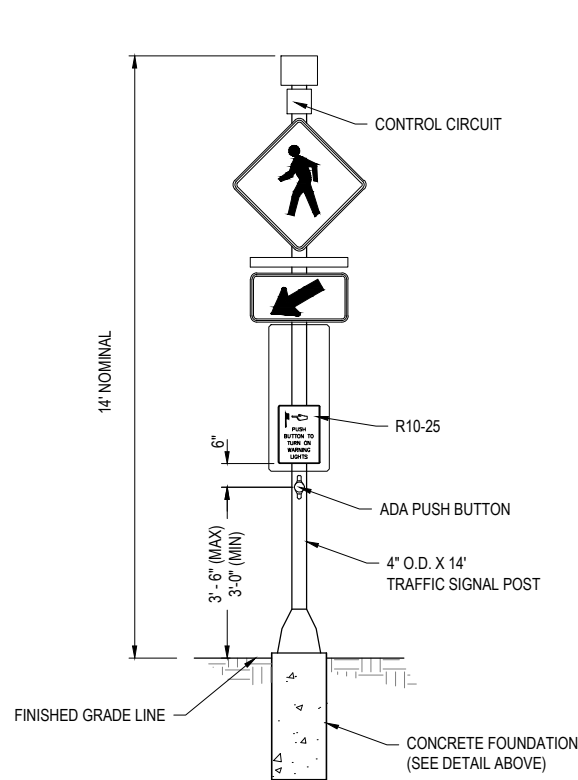


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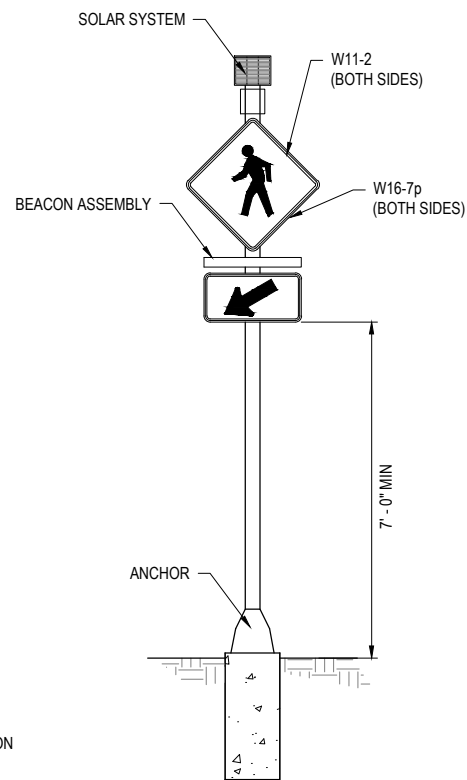
- SEE SPECIAL PROVISION FOR SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)
- CONCRETE FOUNDATIONS, SIGN PANELS, CONTROL CIRCUITS, ETC SHALL BE INCLUDED IN THE COST OF THE ENTIRE ASSEMBLY.
- POST AND FOUNDATION SHALL BE ACCORDING TO ARTICLE 1077.01 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE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



CONCRETE FOUNDATION
(NOT TO SCALE)

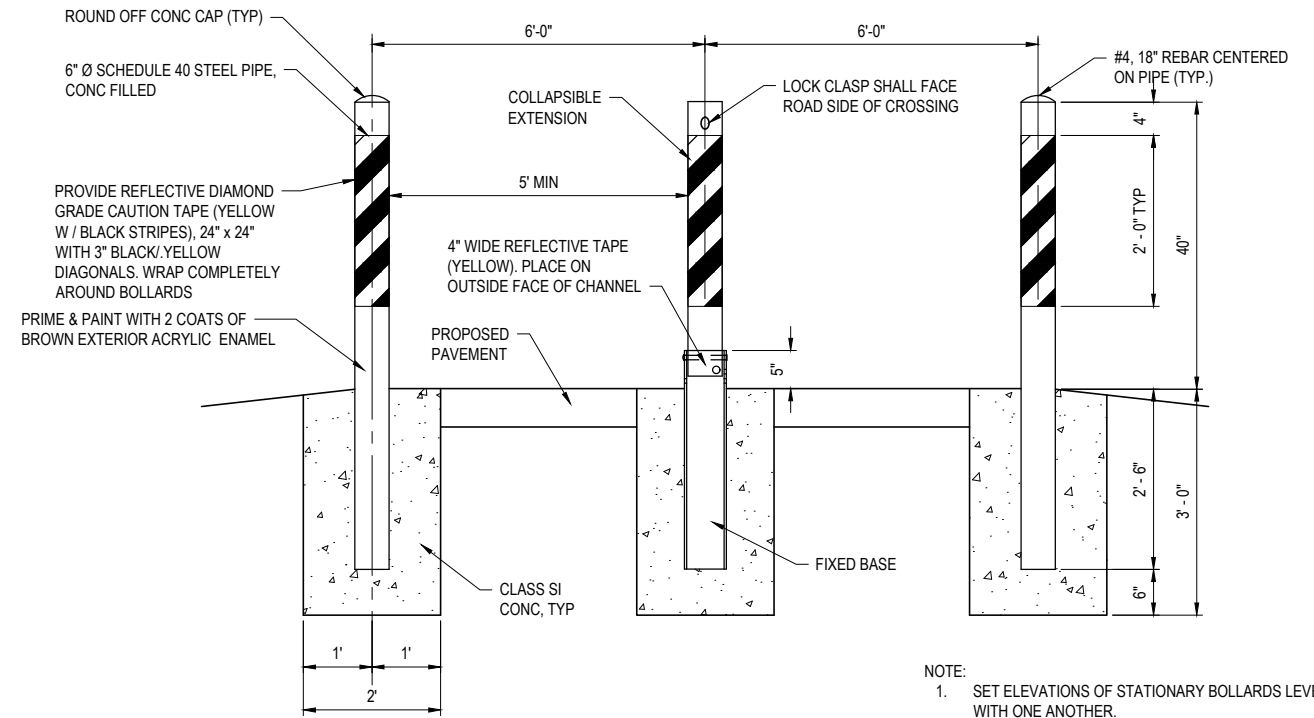


FRONT VIEW
(NOT TO SCALE)



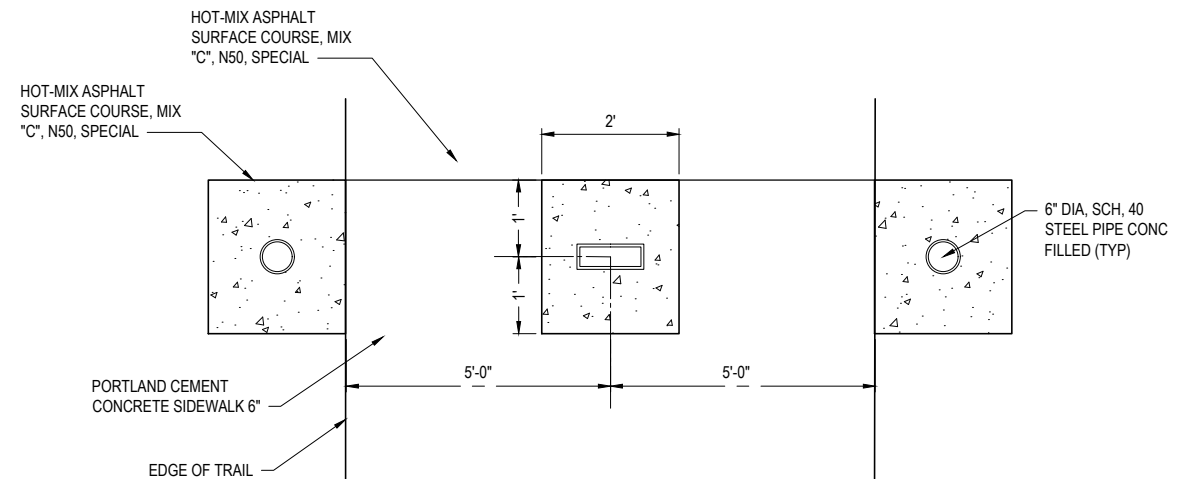
BACK VIEW
(NOT TO SCALE)

1 SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)
SCALE: NO SCALE



FRONT VIEW
(NOT TO SCALE)

- NOTE:
- SET ELEVATIONS OF STATIONARY BOLLARDS LEVEL WITH ONE ANOTHER.

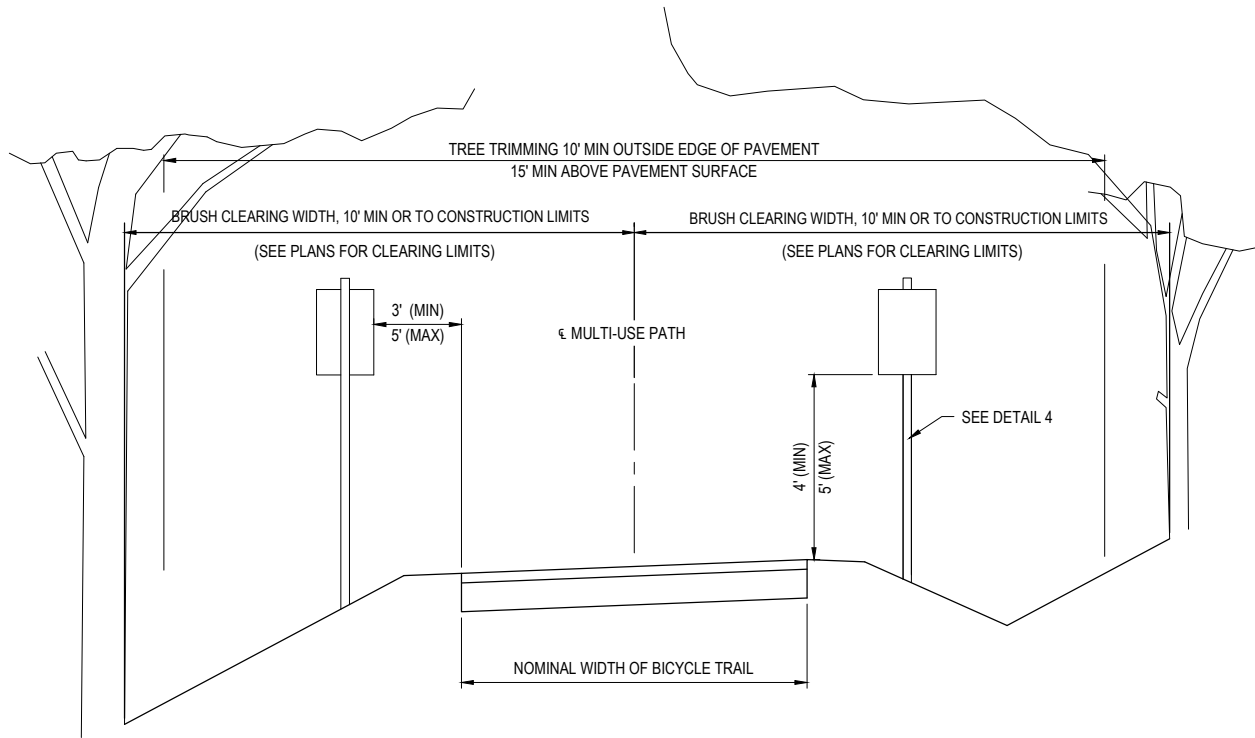


TOP VIEW
(NOT TO SCALE)

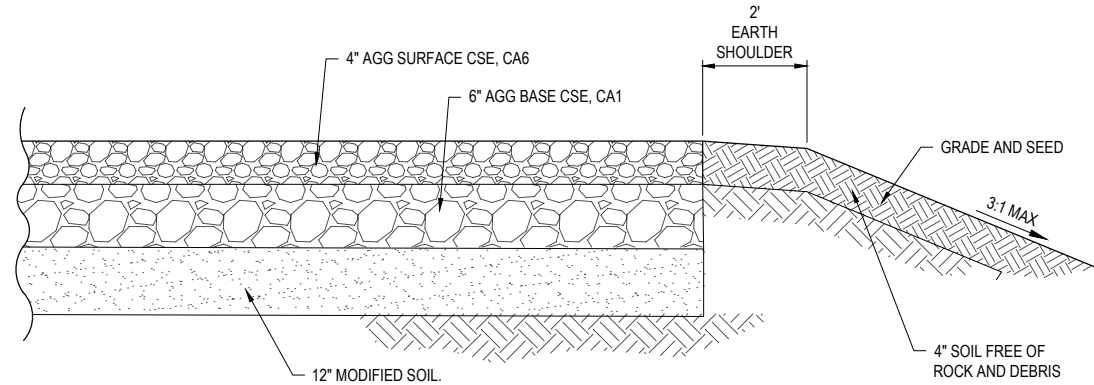
2 BOLLARD ASEMBLY DETAIL
SCALE: NO SCALE

FILE NAME = 222015 - DETAILS.DWG

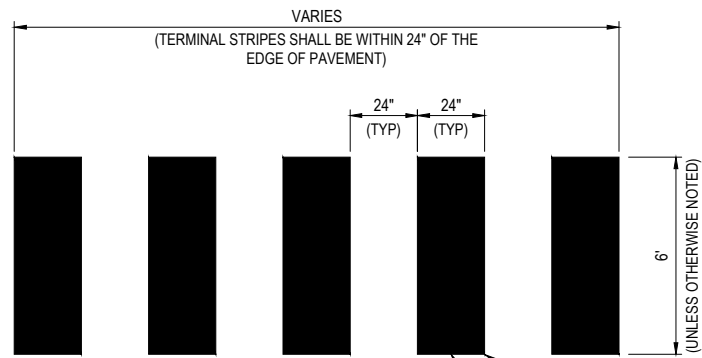
NOTE: USE 5'-0" CLEARANCE WITH ONE (1) SIGN. USE 4'-0" CLEARANCE WHEN MULTIPLE SIGNS PLACED ON SAME WOOD POST.



1 SIGN & CLEARANCE DETAIL
SCALE: NO SCALE

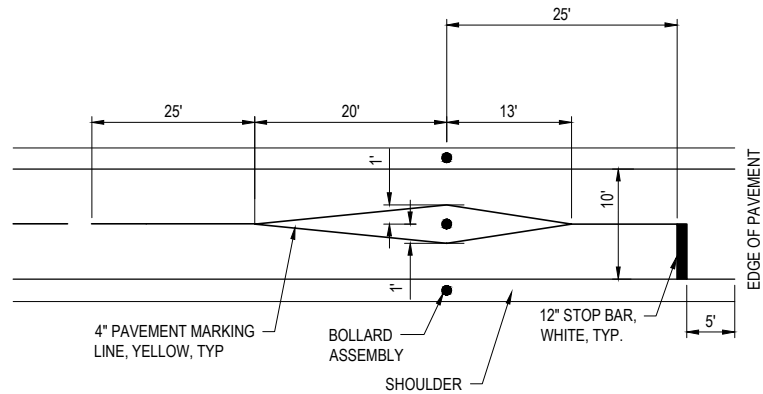


2 PROPOSED AGGREGATE TRAIL
SCALE: NO SCALE



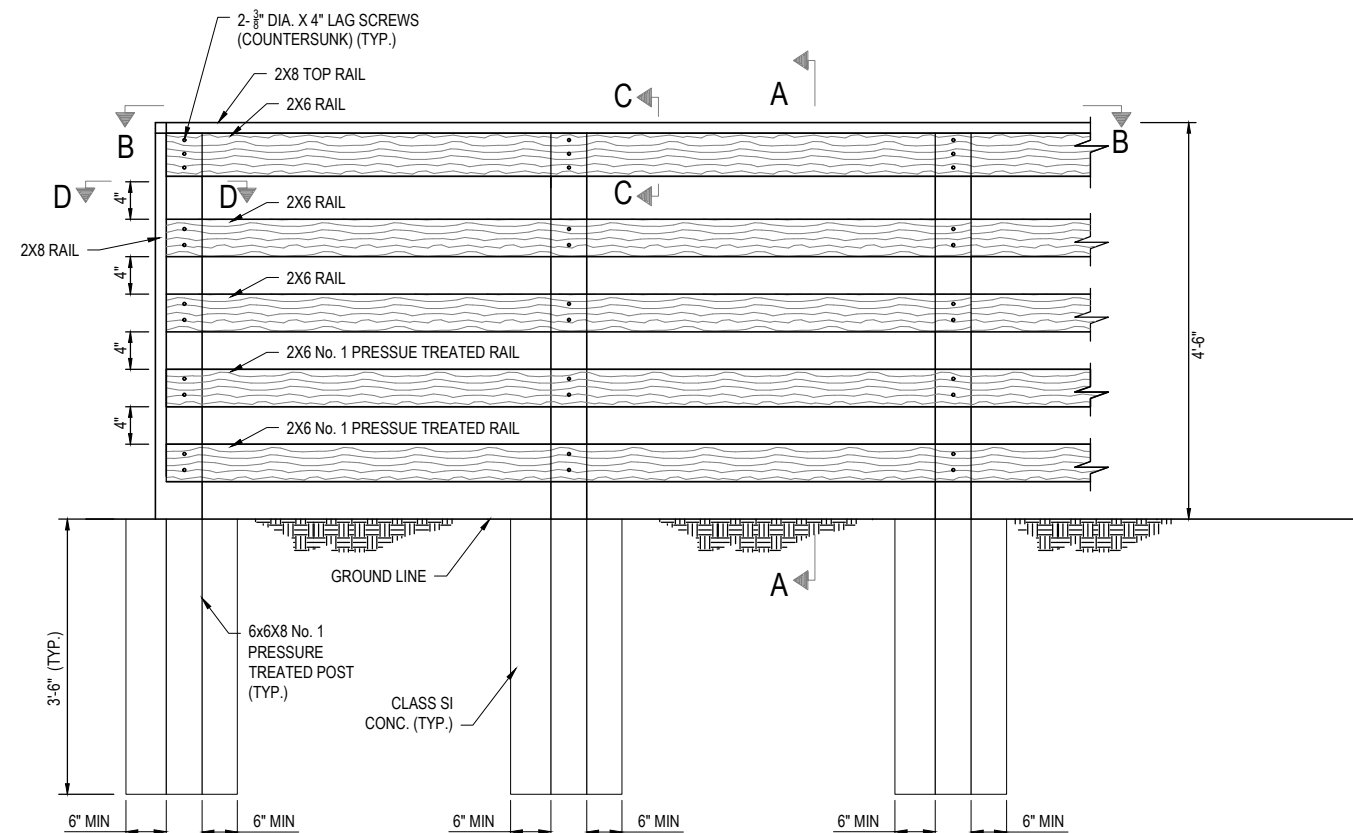
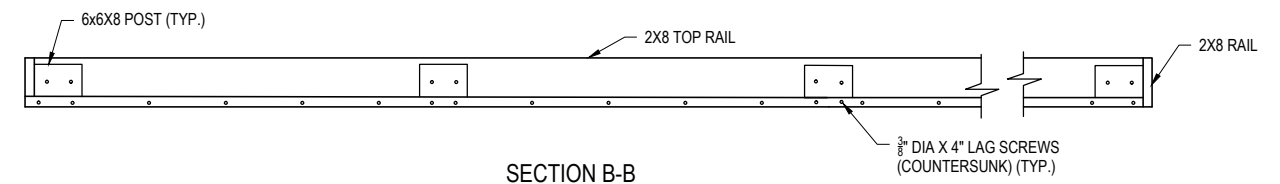
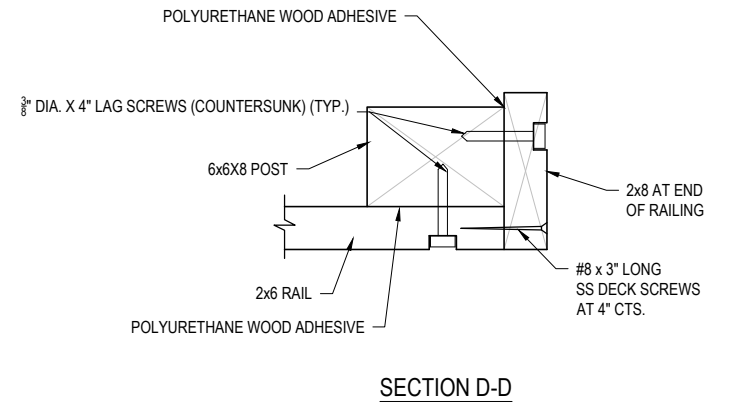
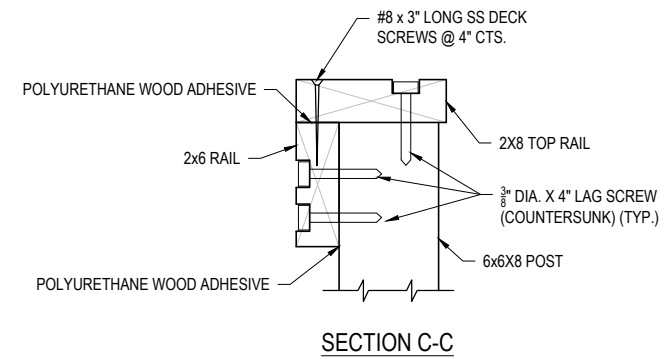
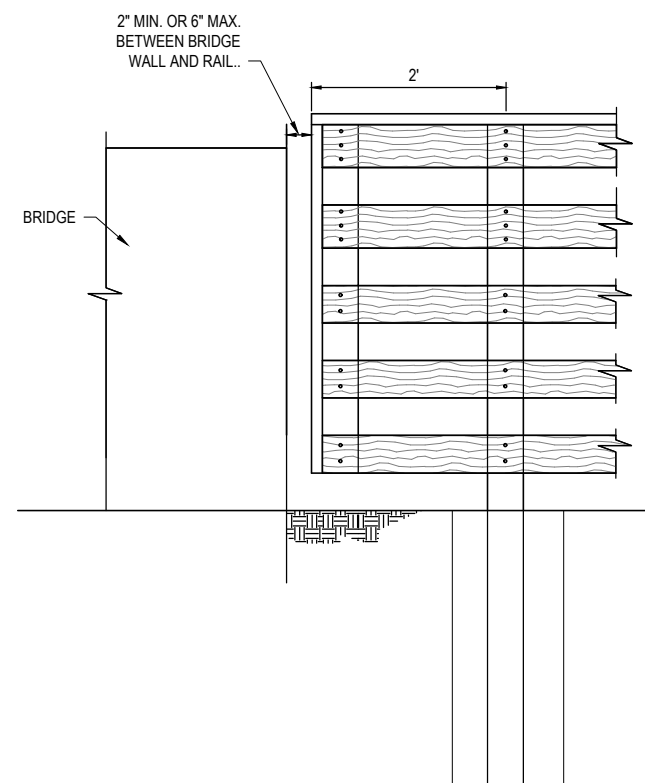
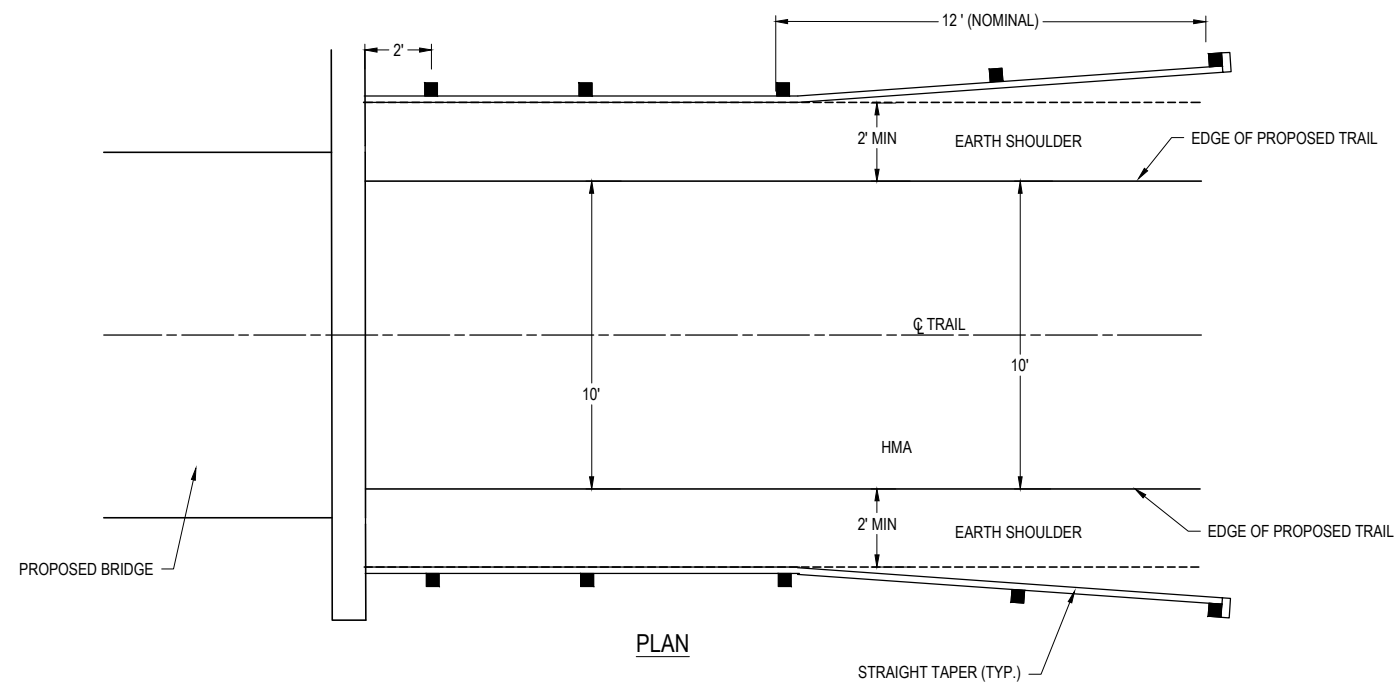
3 CROSSWALK DETAIL
SCALE: NO SCALE

STAGGER STRIPES AROUND WHEEL PATHS TO THE SATISFACTION OF THE ENGINEER
24" PAVEMENT MARKING, WHITE



4 CROSSING DETAIL
SCALE: NO SCALE

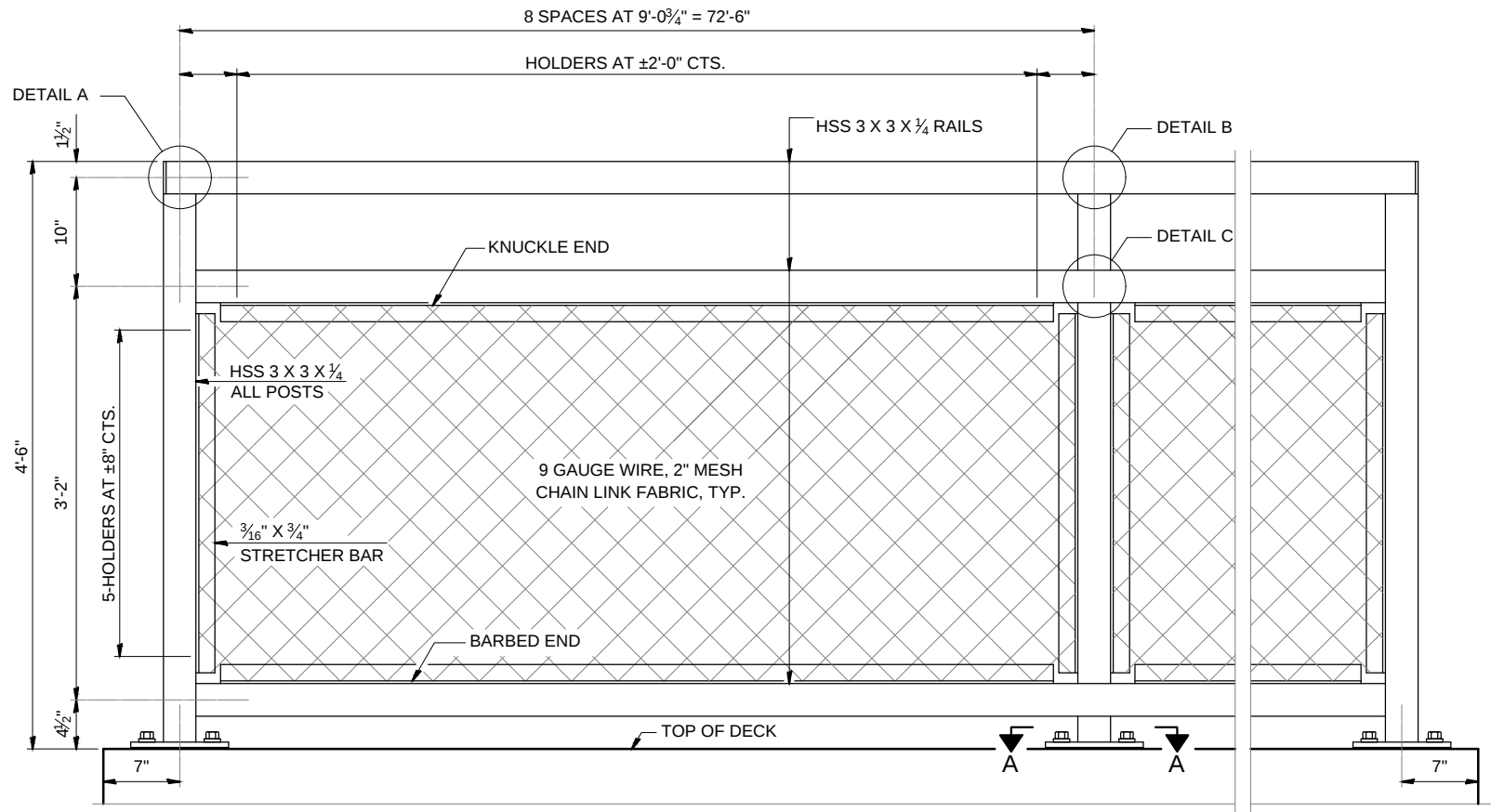
FILE NAME = 222015 - DETAILS.DWG



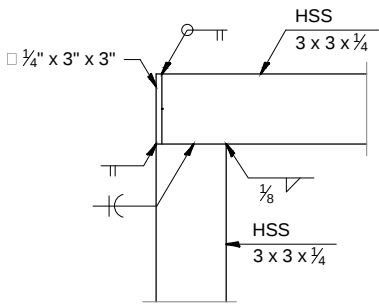
WOOD POST AND RAIL DETAIL

SCALE: NOT TO SCALE

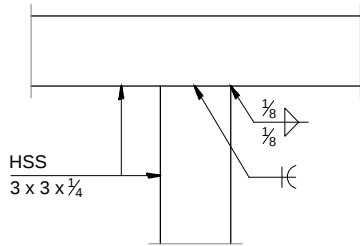
- NOTES:
1. NO SPLICES ALLOWED ON END RAILING.
 2. ALL RAIL TO BE ATTACHED WITH 3/8" X 4" STAINLESS STEEL LAG SCREWS (COUNTERSUNK).



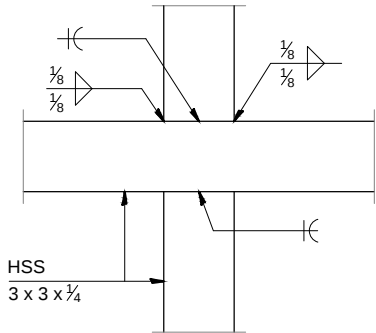
ELEVATION BICYCLE RAILING
(Inside face)



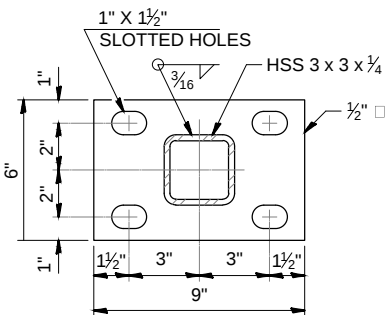
DETAIL A



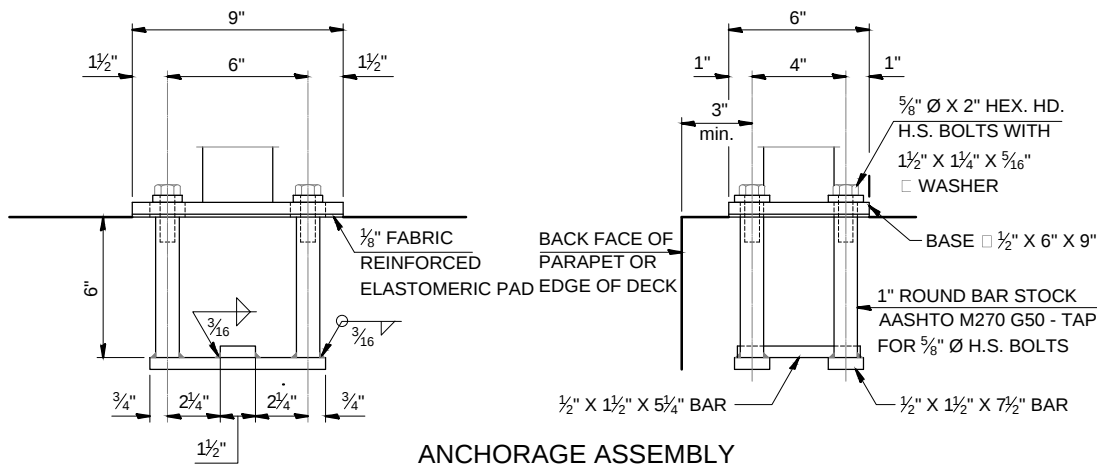
DETAIL B



DETAIL C



SECTION A-A



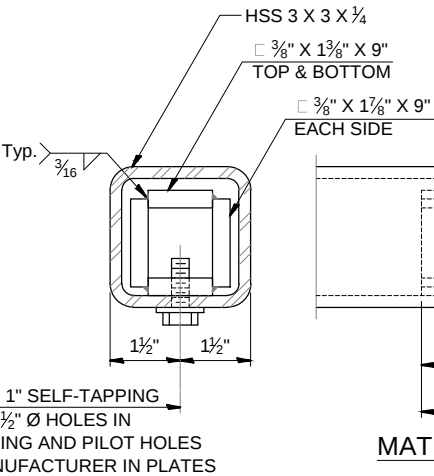
ANCHORAGE ASSEMBLY

THE BICYCLE RAILING FASTENERS FOR END POSTS NEAR EXPANSION JOINTS MAY NEED TO BE INSTALLED PRIOR TO INSTALLING THE BENT PLATES.

IN LIEU OF THE CAST-IN-PLACE ANCHOR DEVICE SHOWN, THE CONTRACTOR HAS THE OPTION OF DRILLING AND SETTING 5/8" Ø FULLY THREADED ANCHOR RODS WITH THE SAME PLATE WASHERS AS SPECIFIED ABOVE AND HEAVY HEX LOCK NUTS ACCORDING TO ARTICLE 509.06 OF THE STANDARD SPECIFICATIONS. EMBEDMENT SHALL BE ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.

RAILING CRITERIA

BICYCLE RAILING WEIGHT (PLF)	50
MAX POST SPACING	10'-0"



MATERIAL SPLICE

- NOTES:
1. PLACE REINFORCEMENT BARS TO MISS ANCHOR ROD LOCATIONS.
 2. CVN TESTING IS NOT REQUIRED FOR THE HSS TUBING USED IN THE BICYCLE RAILING.
 3. ALL HEAVY HEX NUTS SHALL BE ACCORDING TO ASTM A 563 GRADE DH.
 4. ALL FULLY THREADED ANCHOR RODS SHALL BE ASTM F1554 GRADE 105.
 5. THE POST BASE PLATE SHALL BE FASTENED TO THE CURB SNUG.
 6. TIGHT AND GIVEN AN ADDITIONAL 1/8" TURN.
 7. RAIL SPLICE INSERTS MAY BE BUILT OUT OF BENT PLATES OF THE SAME THICKNESSES AND OUTSIDE GEOMETRY LIMITS AS THE 4 PLATE RAIL SPLICE INSERTS SHOWN.
 8. ALL STEEL RAIL ELEMENTS SHALL BE GALVANIZED ACCORDING TO ARTICLE 509.05 OF THE STANDARD SPECIFICATIONS.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
BICYCLE RAILING	Foot	148

FILE NAME = 222015 - DETAILS.DWG



USER NAME =	PHILLIP JONES	DESIGNED -	---	REVISED -	---
PLOT SCALE =	4 41/64" = 1'	DRAWN -	---	REVISED -	---
PLOT DATE =	2025-06-18	CHECKED -	---	REVISED -	---
		DATE -	---	REVISED -	---

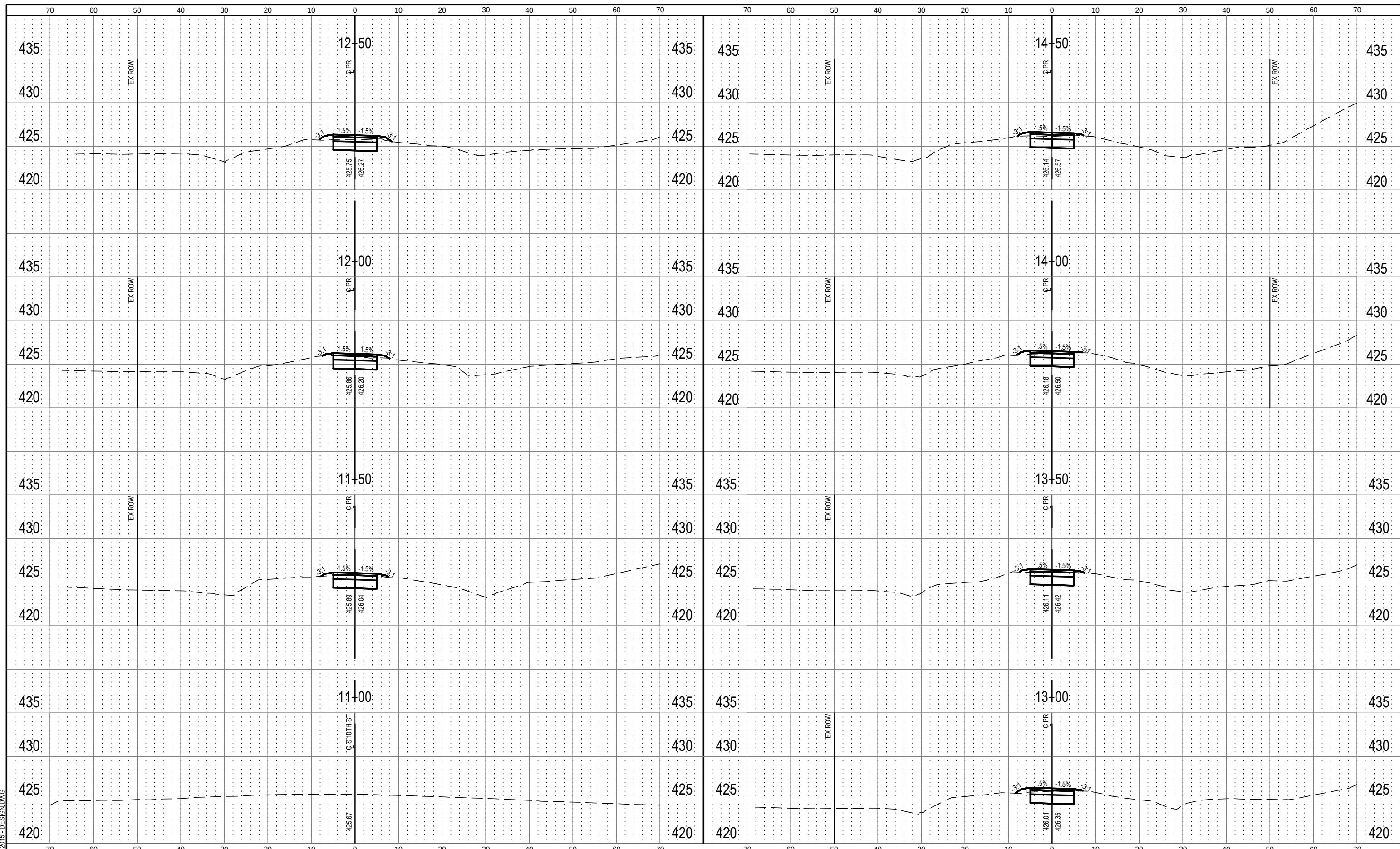
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SCALE: SHEET NO. 5 OF 5 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	21-00028-00-BT	ST. CLAIR	66	50
CONTRACT NO. 97863				
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

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

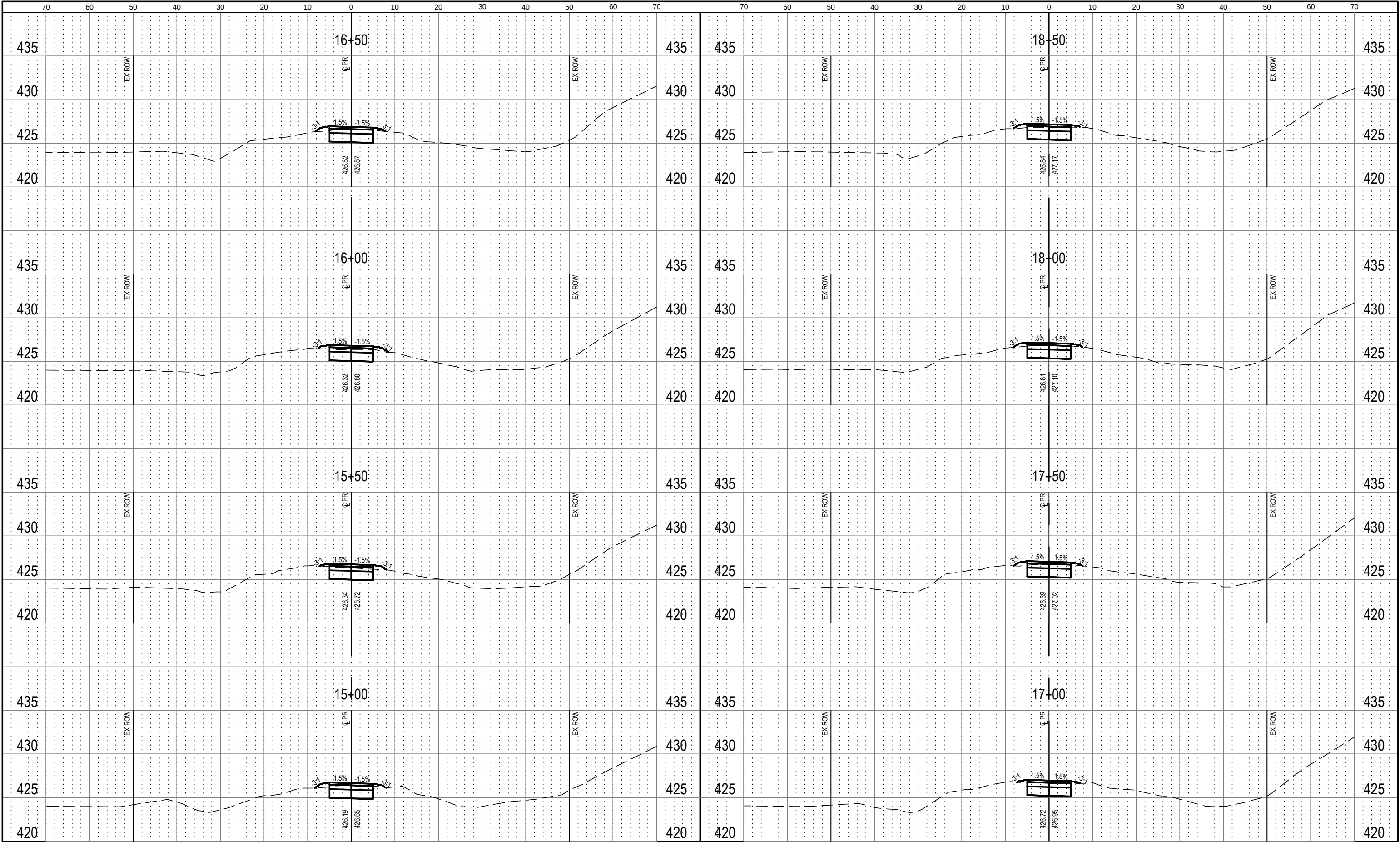


 OATES ASSOCIATES www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115	USER NAME =	PHILLIP JONES	DESIGNED -	---	REVISED -	---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	L&N RAILWAY TRAIL CROSS-SECTIONS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -	---	REVISED -	---				21-00028-00-BT	ST. CLAIR	66	51
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	PLOT DATE =	2025-06-17	DATE -	---	REVISED -	---			SCALE:	SHEET NO. 1 OF 16 SHEETS	STA.	TO STA.	
												FED. ROAD DIST. NO.	ILLINOIS

FINAL SURVEY	DATE
	BY
	SURVEYED
	PLOTTED
NOTE BOOK	AREAS CHECKED

ORIGINAL SURVEY	DATE
	BY
	SURVEYED
	PLOTTED
NOTE BOOK	AREAS CHECKED

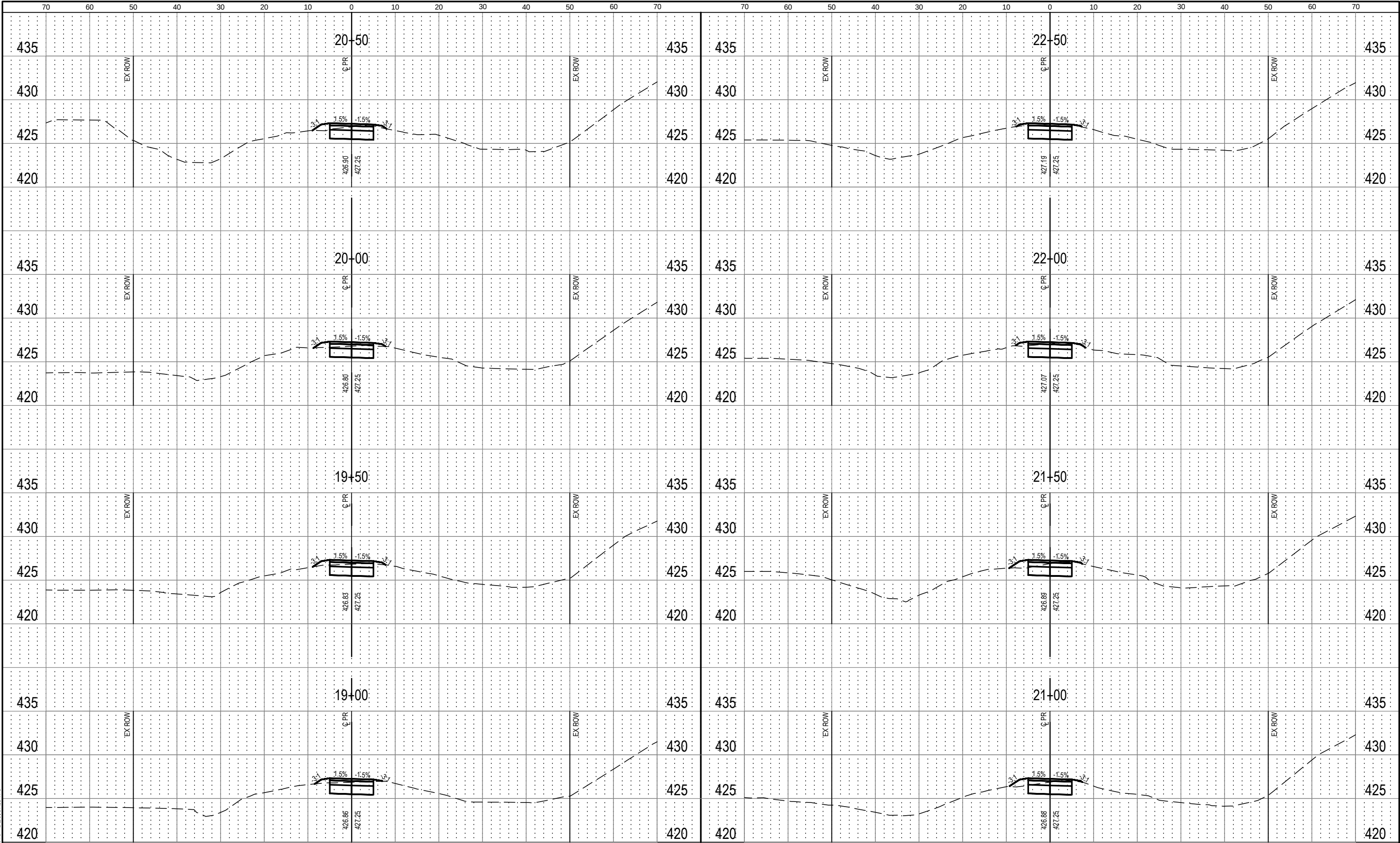
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FINAL SURVEY	NO.	SURVEYED NOTE BOOK	DATE	BY	PLOTTED TEMPLATE	AREAS CHECKED

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

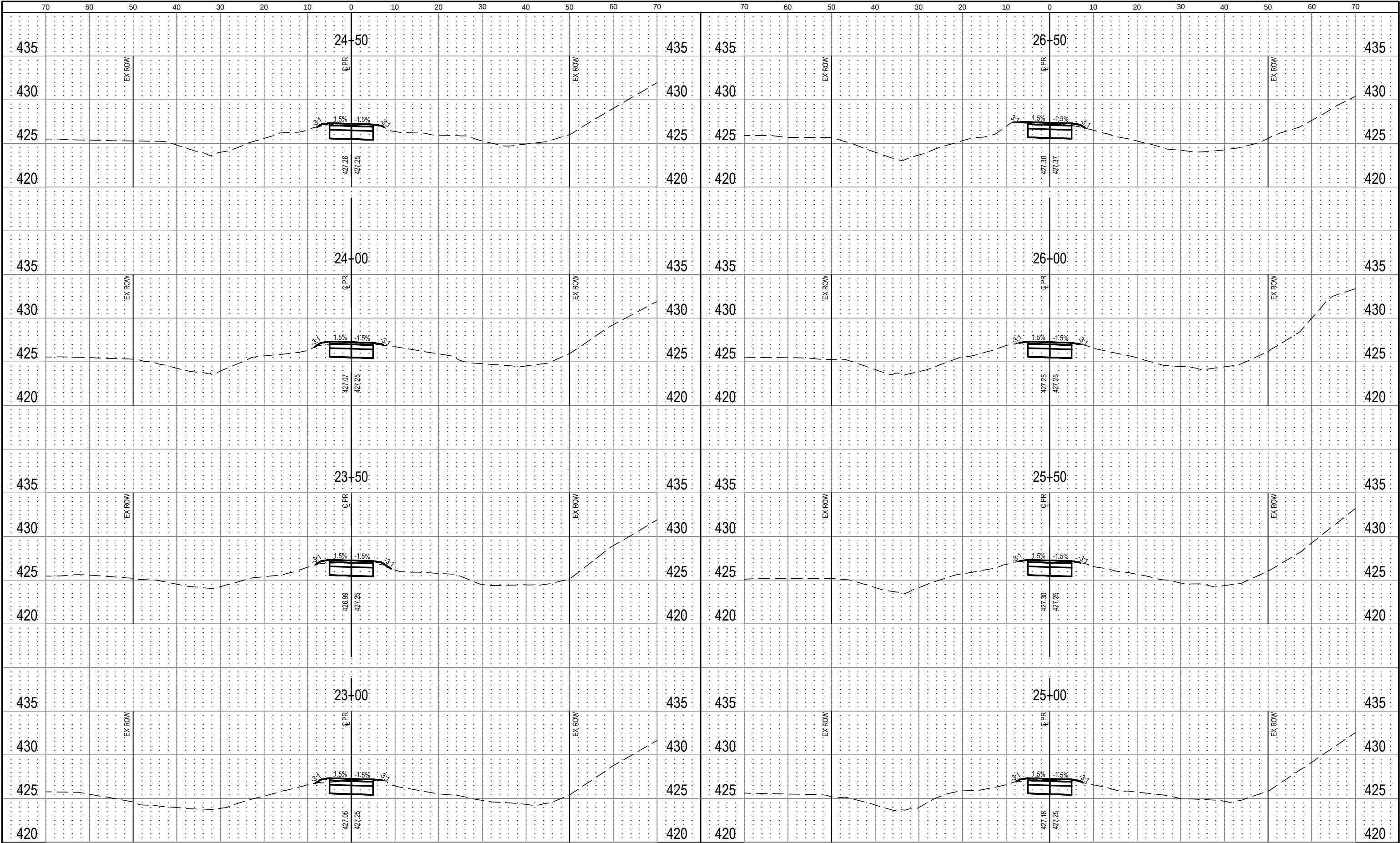
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FINAL SURVEY	NO.	SURVEYED	BY	DATE		
					PLOTTED	
						TEMPLATE
NOTE BOOK						

ORIGINAL SURVEY	NO.	SURVEYED	BY	DATE		
					PLOTTED	
						TEMPLATE
NOTE BOOK						

FILE NAME = 222015-DESIGN.DWG

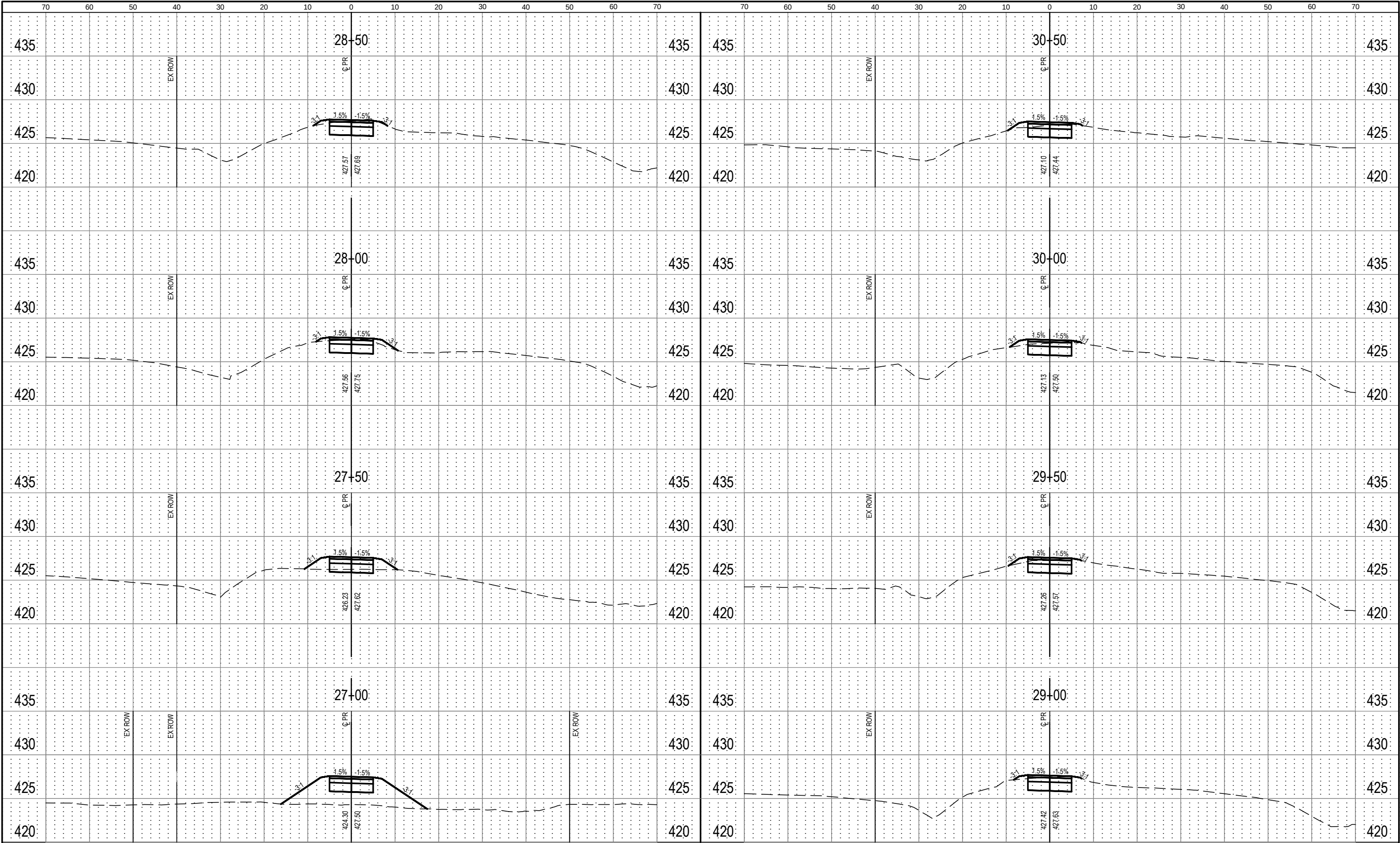


 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115	USER NAME = PHILLIP JONES	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	L&N RAILWAY TRAIL CROSS-SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	DATE -	REVISD -	FED. ROAD DIST. NO. -				ILLINOIS FED. AID PROJECT				

FINAL SURVEY	NO.	SURVEYED	BY	DATE		
					PLOTTED	
						TEMPLATE
NOTE BOOK						

ORIGINAL SURVEY	NO.	SURVEYED	BY	DATE		
					PLOTTED	
						TEMPLATE
NOTE BOOK						

FILE NAME = 222015-DESIGN.DWG

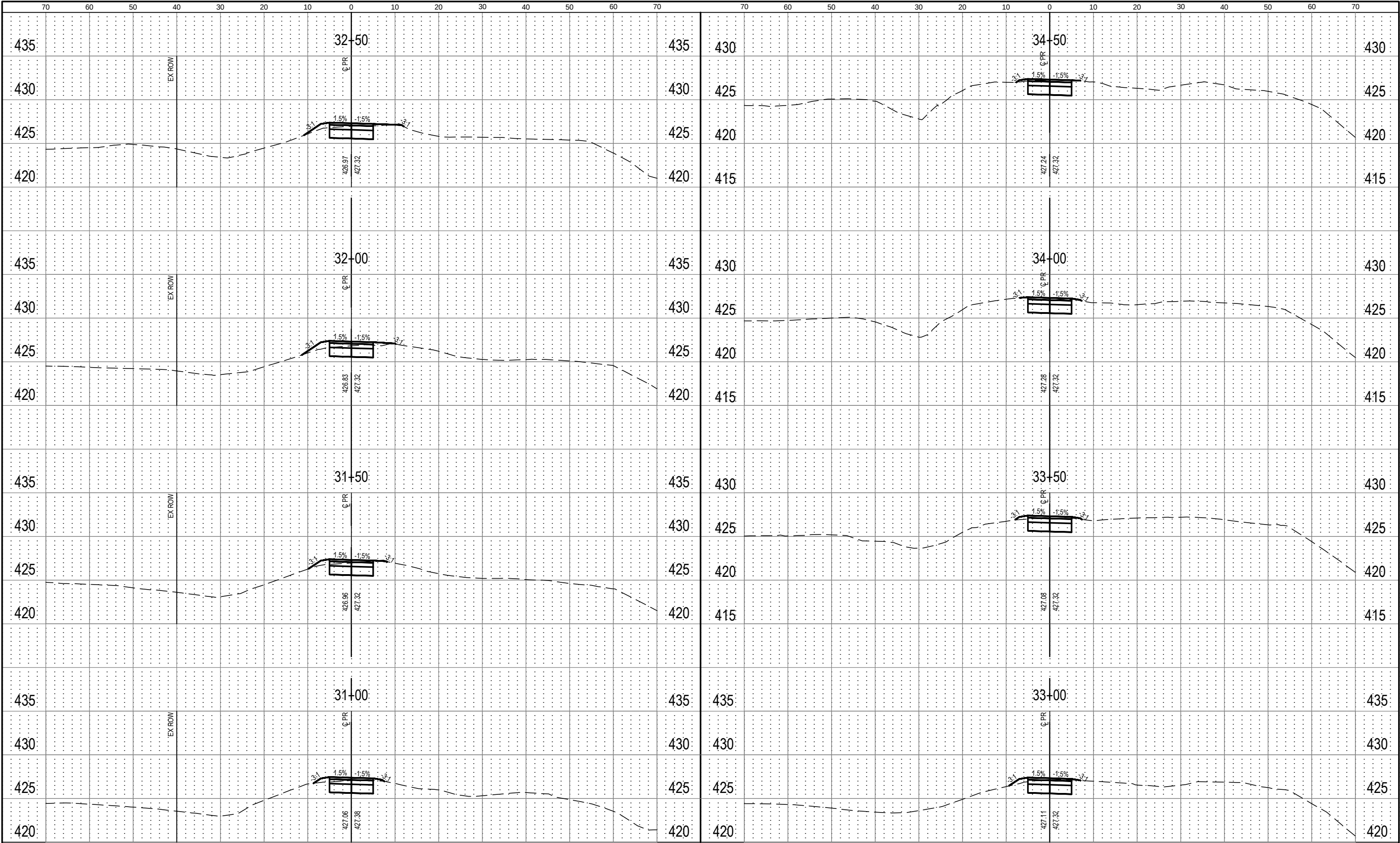


 OATES ASSOCIATES ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115	USER NAME = PHILLIP JONES	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	L&N RAILWAY TRAIL CROSS-SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 2025-06-17	DATE -	REVISD -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
SCALE:		SHEET NO. 5 OF 16 SHEETS		STA.		TO STA.						

FINAL SURVEY	NO.	SURVEYED	BY	DATE		
					PLOTTED	
						TEMPLATE

ORIGINAL SURVEY	NO.	SURVEYED	BY	DATE		
					PLOTTED	
						TEMPLATE

FILE NAME = 222015-DESIGN.DWG

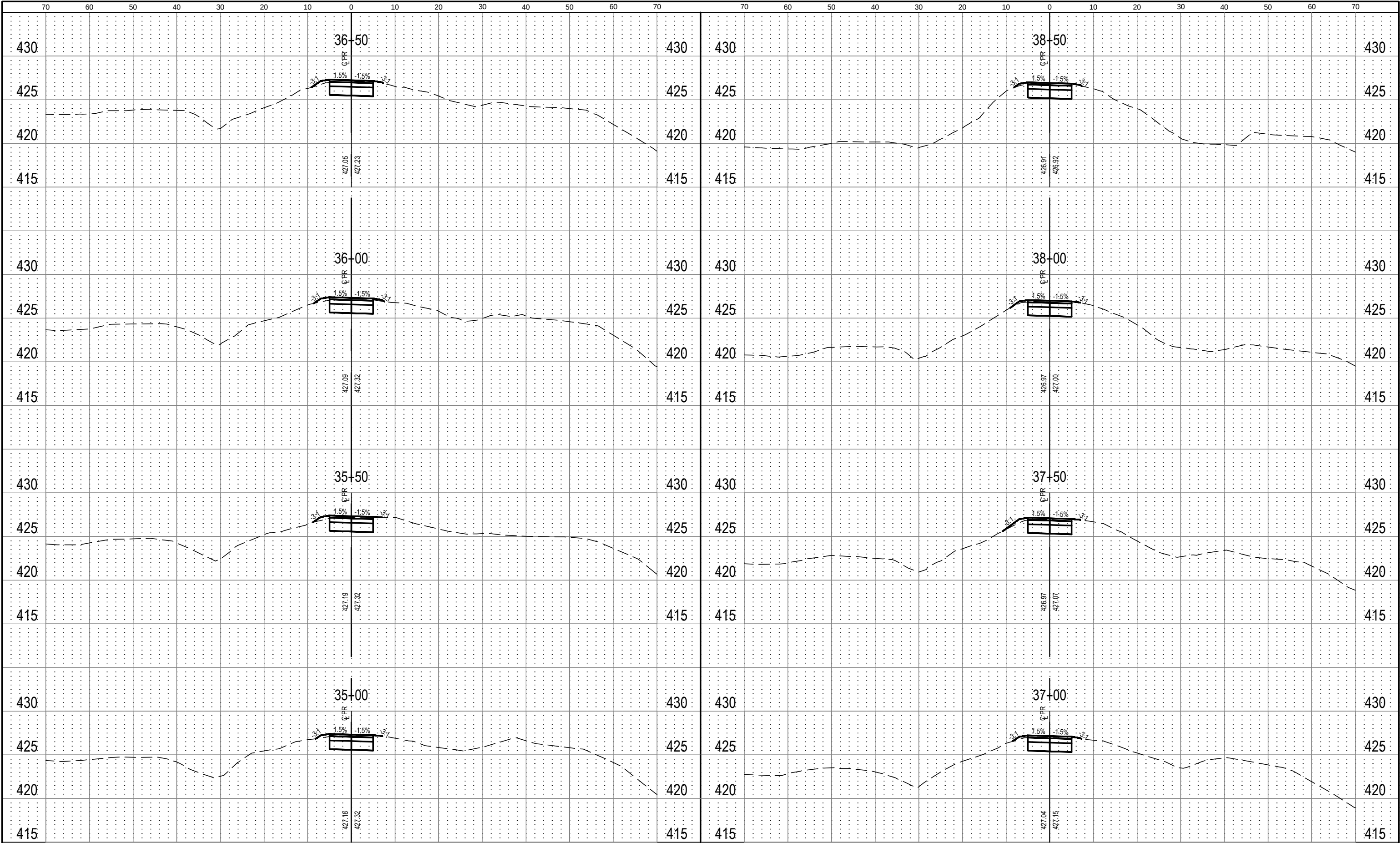


OATES ASSOCIATES www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115	USER NAME = PHILLIP JONES	DESIGNED -	REvised -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	L&N RAILWAY TRAIL CROSS-SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	DATE -	REvised -	FED. ROAD DIST. NO. -				ILLINOIS	FED. AID PROJECT			

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

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

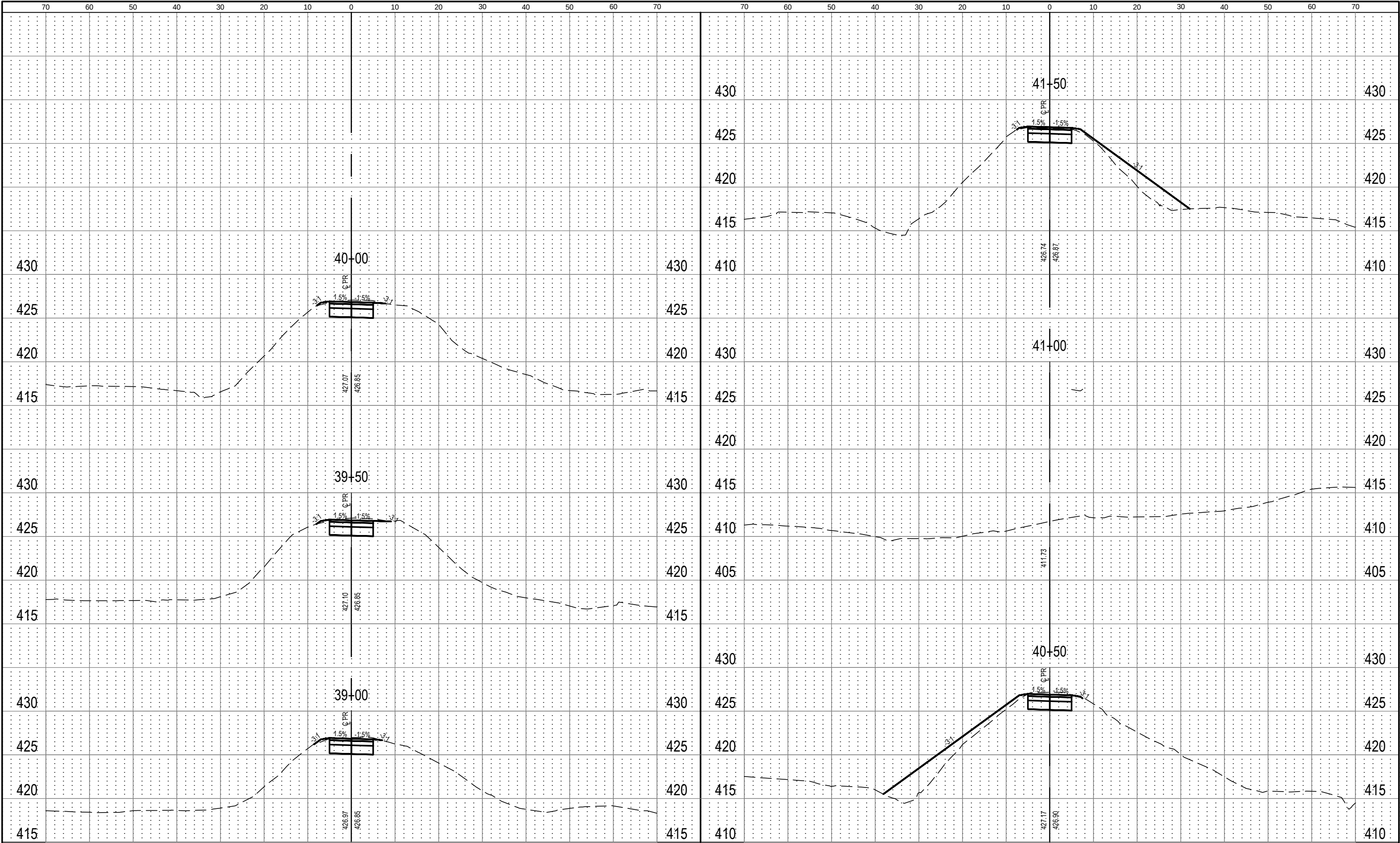
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			BY

ORIGINAL SURVEY	NO	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE
			BY

FILE NAME = 222015-DESIGN.DWG

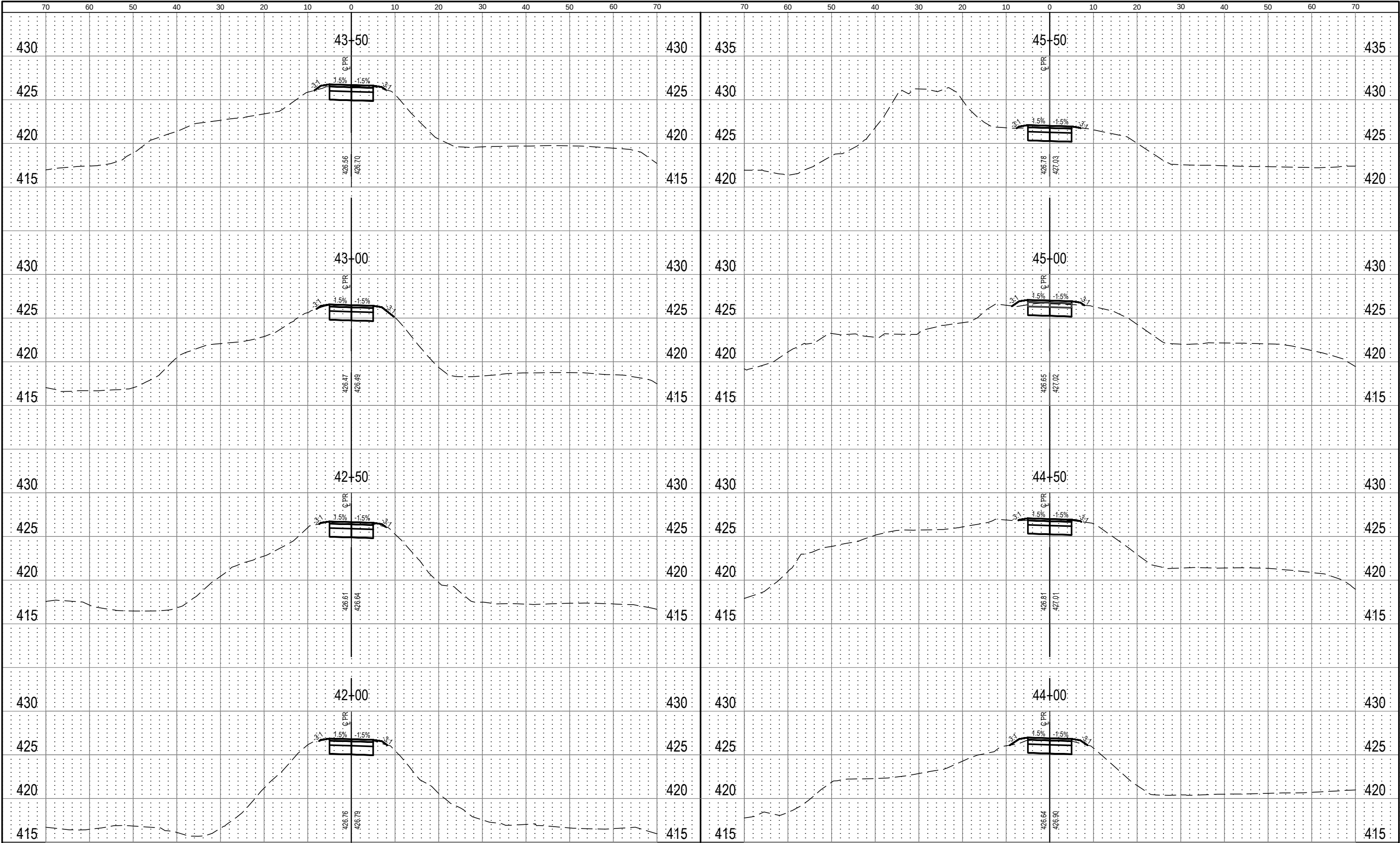


 OATES ASSOCIATES www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115	USER NAME = PHILLIP JONES	DESIGNED -	REvised -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	L&N RAILWAY TRAIL CROSS-SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	DATE -	REvised -	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT								

FINAL SURVEY	NO.	SURVEYED	BY	DATE		
					PLOTTED	
						TEMPLATE
NOTE BOOK						

ORIGINAL SURVEY	NO.	SURVEYED	BY	DATE		
					PLOTTED	
						TEMPLATE
NOTE BOOK						

FILE NAME = 222015-DESIGN.DWG

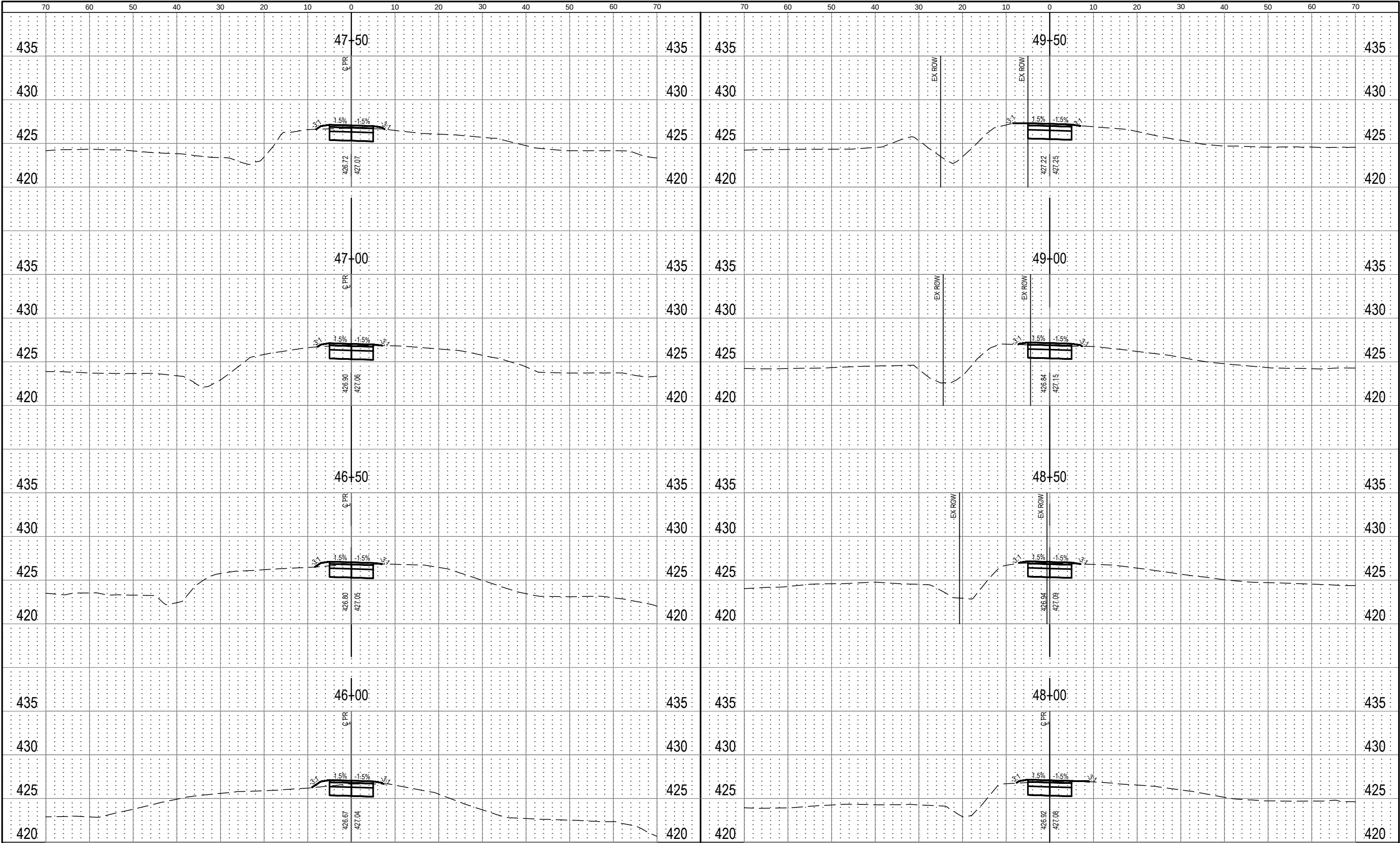


 OATES ASSOCIATES www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115	USER NAME = PHILLIP JONES	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	L&N RAILWAY TRAIL CROSS-SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 2025-06-17	CHECKED -	REVISED -		L&N RAILWAY TRAIL AND TRAILHEAD				CONTRACT NO. 97863		
	DATE -	REVISED -	FED. ROAD DIST. NO. -				ILLINOIS	FED. AID PROJECT			

FINAL SURVEY	NO.	SURVEYED	BY	DATE		
					PLOTTED	
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NOTE BOOK						

ORIGINAL SURVEY	NO.	SURVEYED	BY	DATE		
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NOTE BOOK						

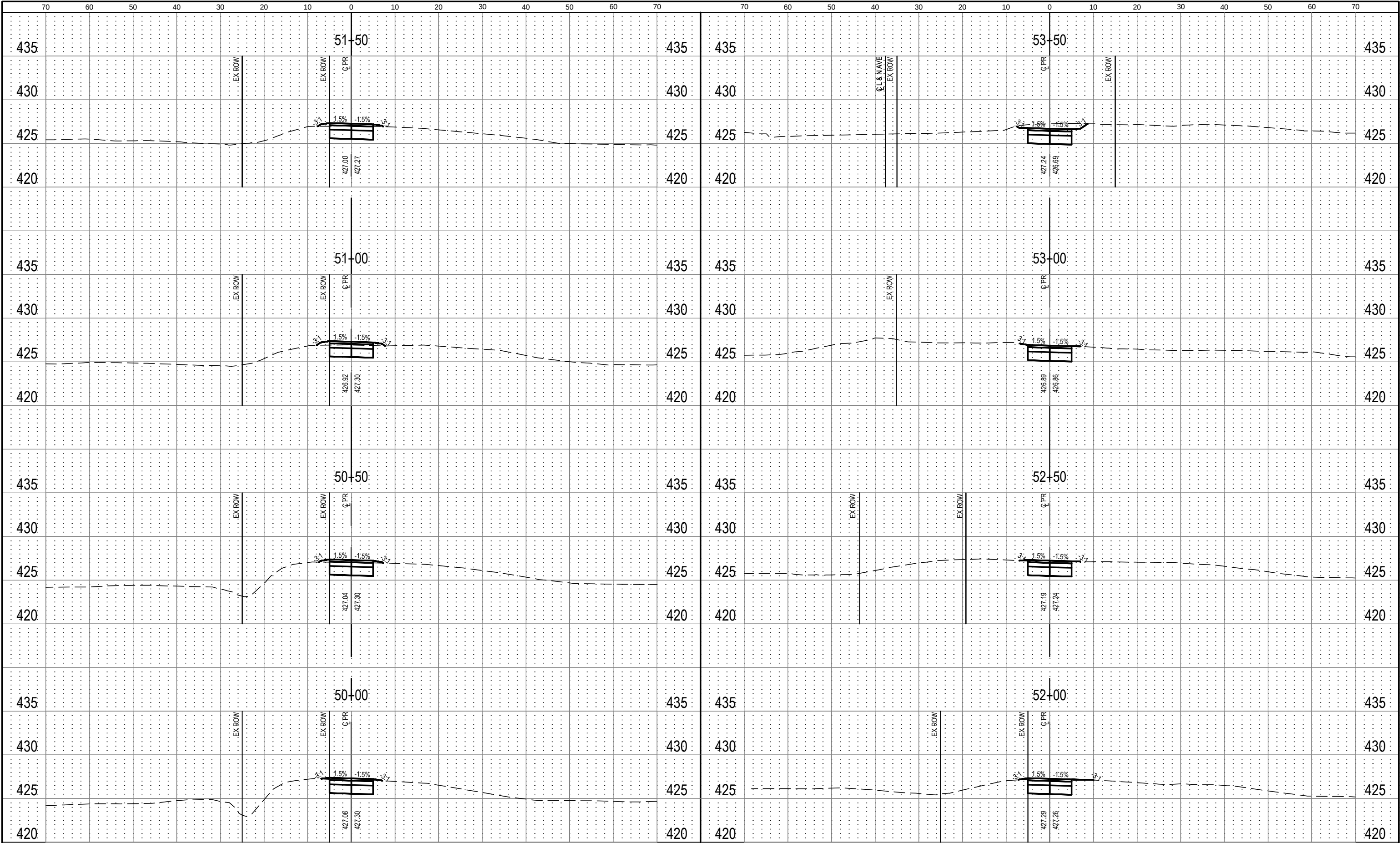
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					PLOTTED	
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ORIGINAL SURVEY	NO.	SURVEYED	BY	DATE		
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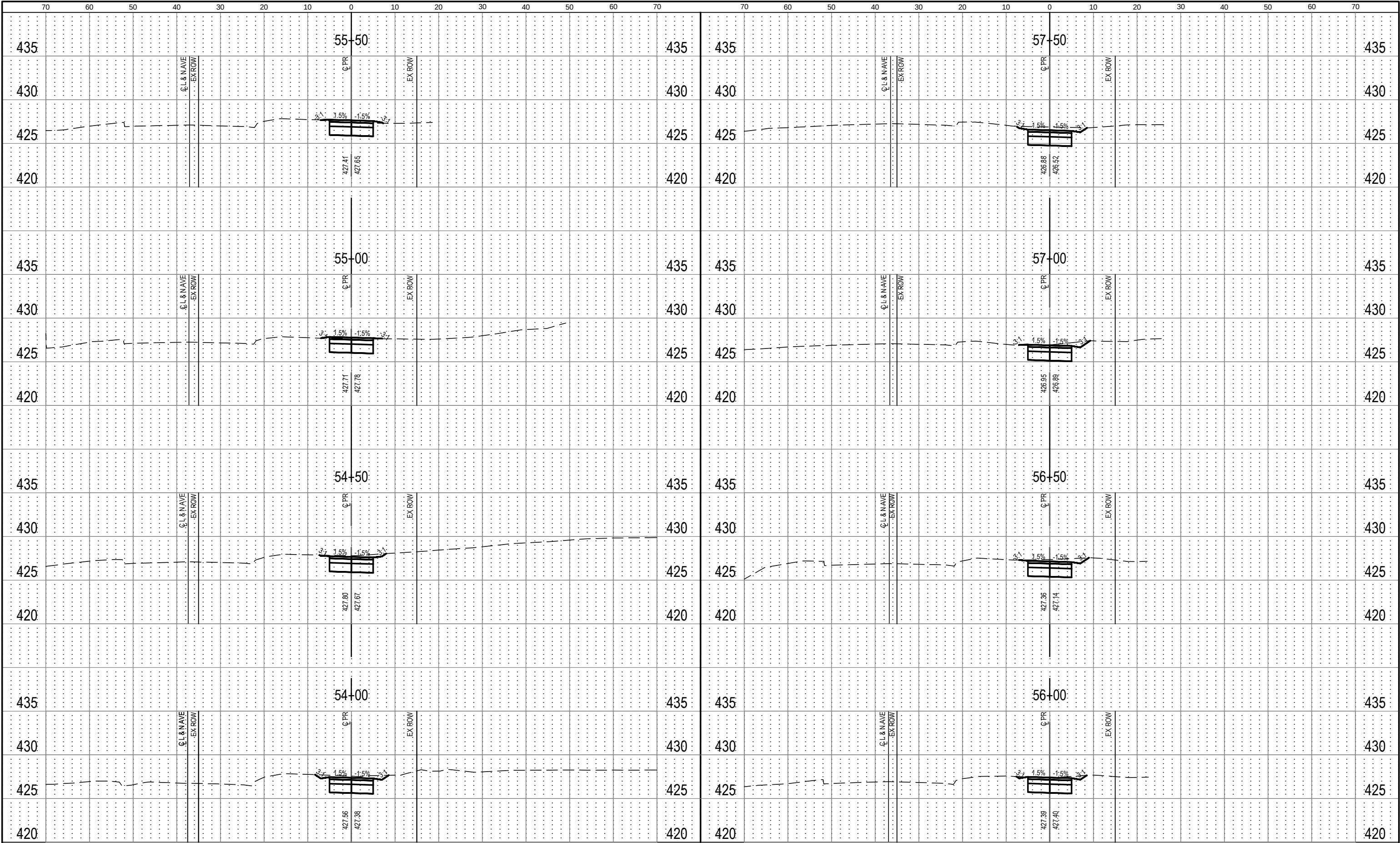


 OATES ASSOCIATES www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115	USER NAME = PHILLIP JONES	DESIGNED -	REvised -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	L&N RAILWAY TRAIL CROSS-SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 2025-06-17	CHECKED -	REvised -				L&N RAILWAY TRAIL AND TRAILHEAD	CONTRACT NO. 97863			
	DATE -						FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		
					SCALE:	SHEET NO. 11 OF 16 SHEETS	STA.	TO STA.			

FINAL SURVEY	BY	DATE
	SURVEYED	
	PLOTTED	
	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
	SURVEYED	
	PLOTTED	
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NO.	AREAS CHECKED	

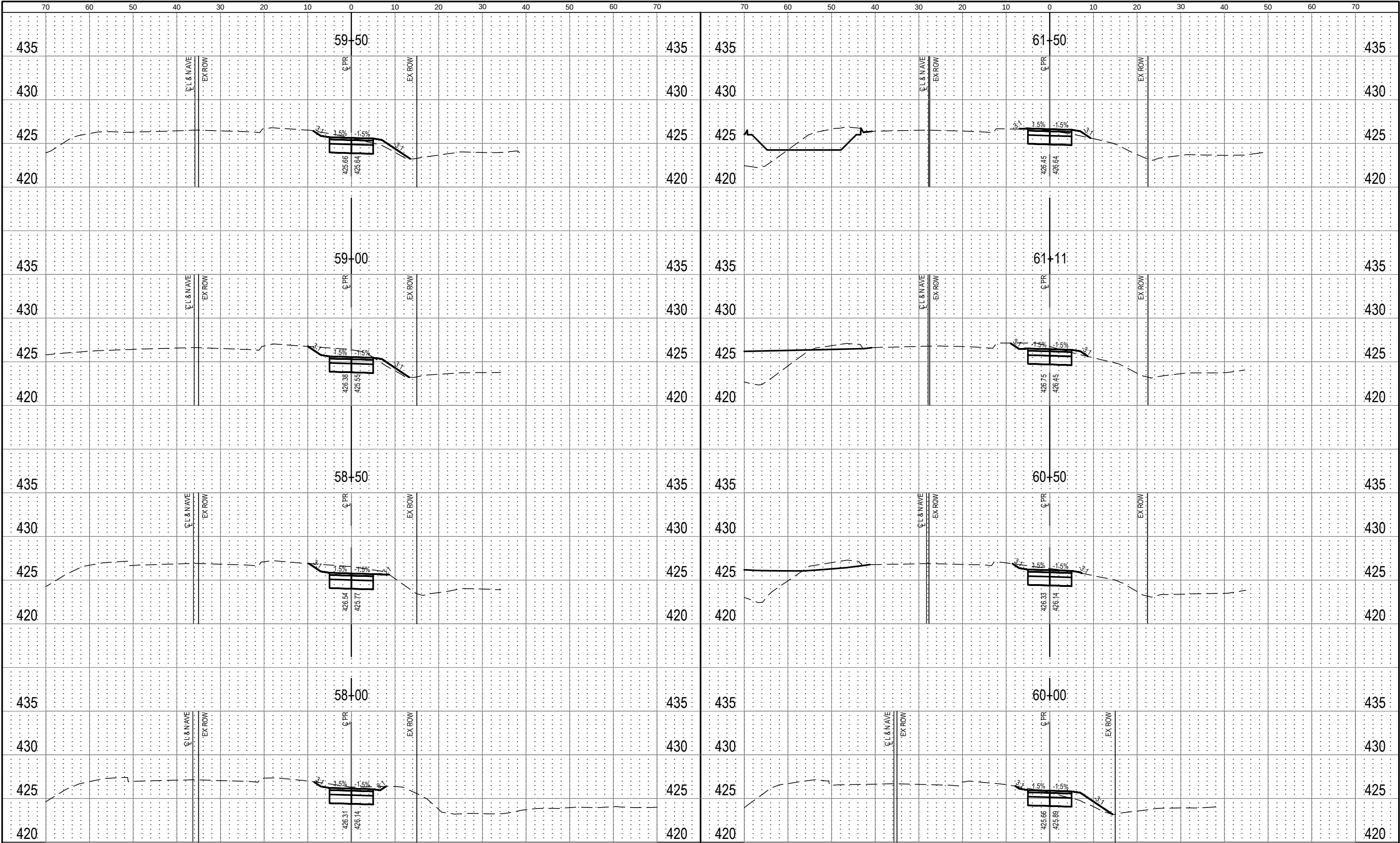
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FINAL SURVEY	BY	DATE
	SURVEYED	PLOTTED
	NOTE BOOK	TEMPLATE
	NO.	AREAS CHECKED

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

FILE NAME = 222015-DESIGN.DWG

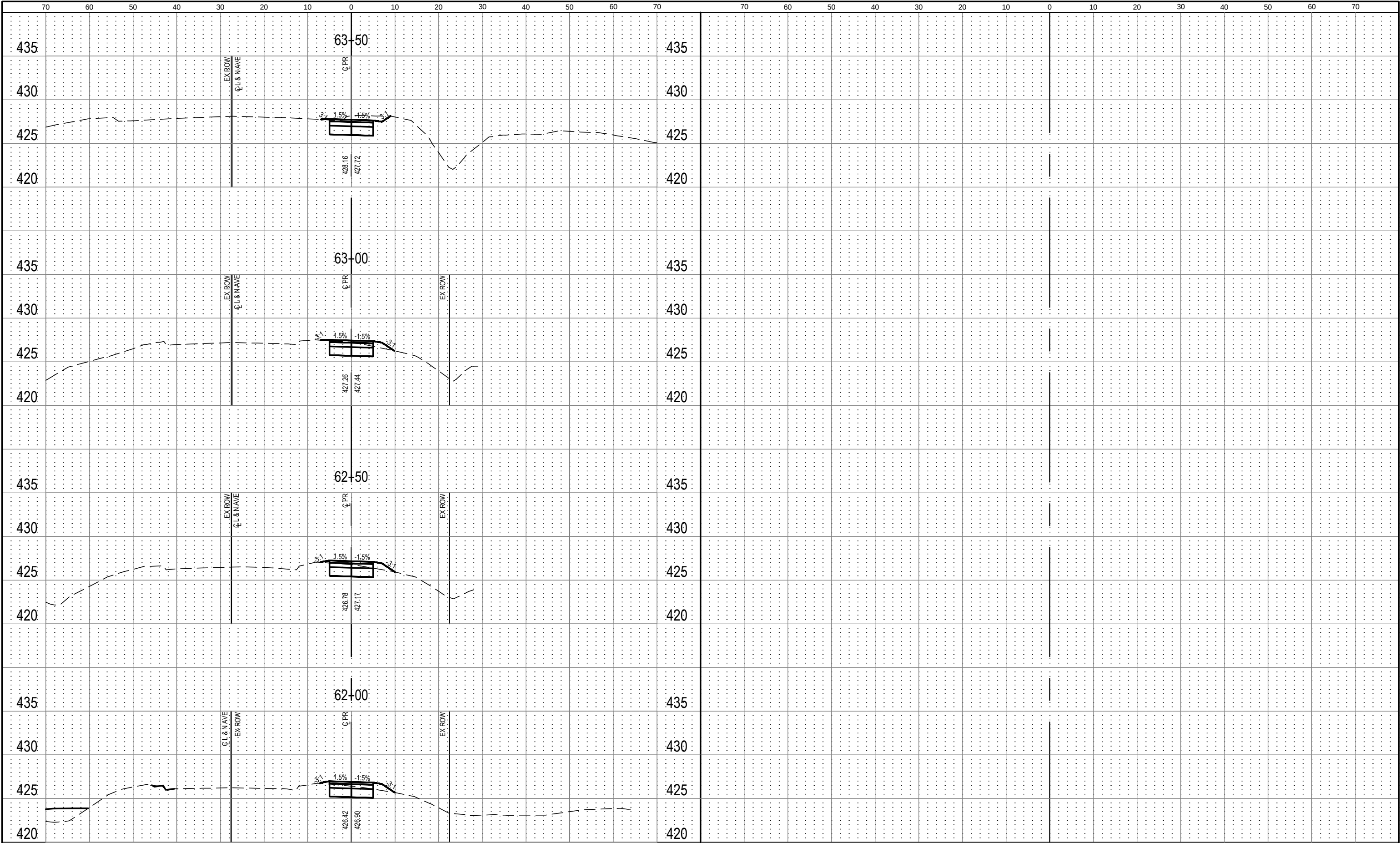


 OATES ASSOCIATES ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115	USER NAME = PHILLIP JONES	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	L&N RAILWAY TRAIL CROSS-SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 2025-06-17	CHECKED -	REVISD -		L&N RAILWAY TRAIL AND TRAILHEAD				CONTRACT NO. 97863		
	DATE -	REVISD -	FED. ROAD DIST. NO. -				ILLINOIS FED. AID PROJECT				

FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

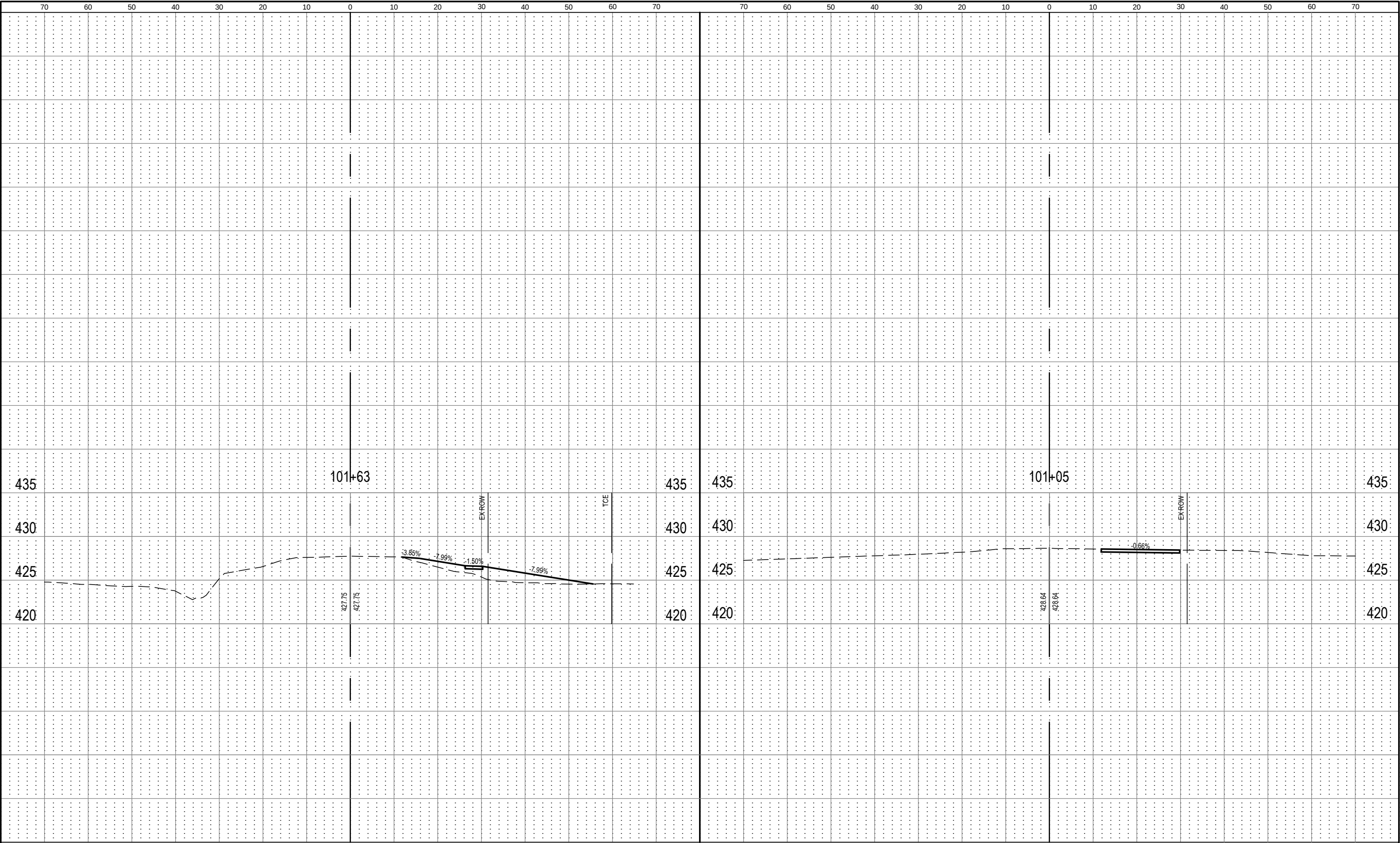
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FINAL SURVEY	SURVEYED	BY	DATE
	NOTED		
	PLOTTED		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	NOTED		
	PLOTTED		
	AREAS		
NO.	AREAS CHECKED		

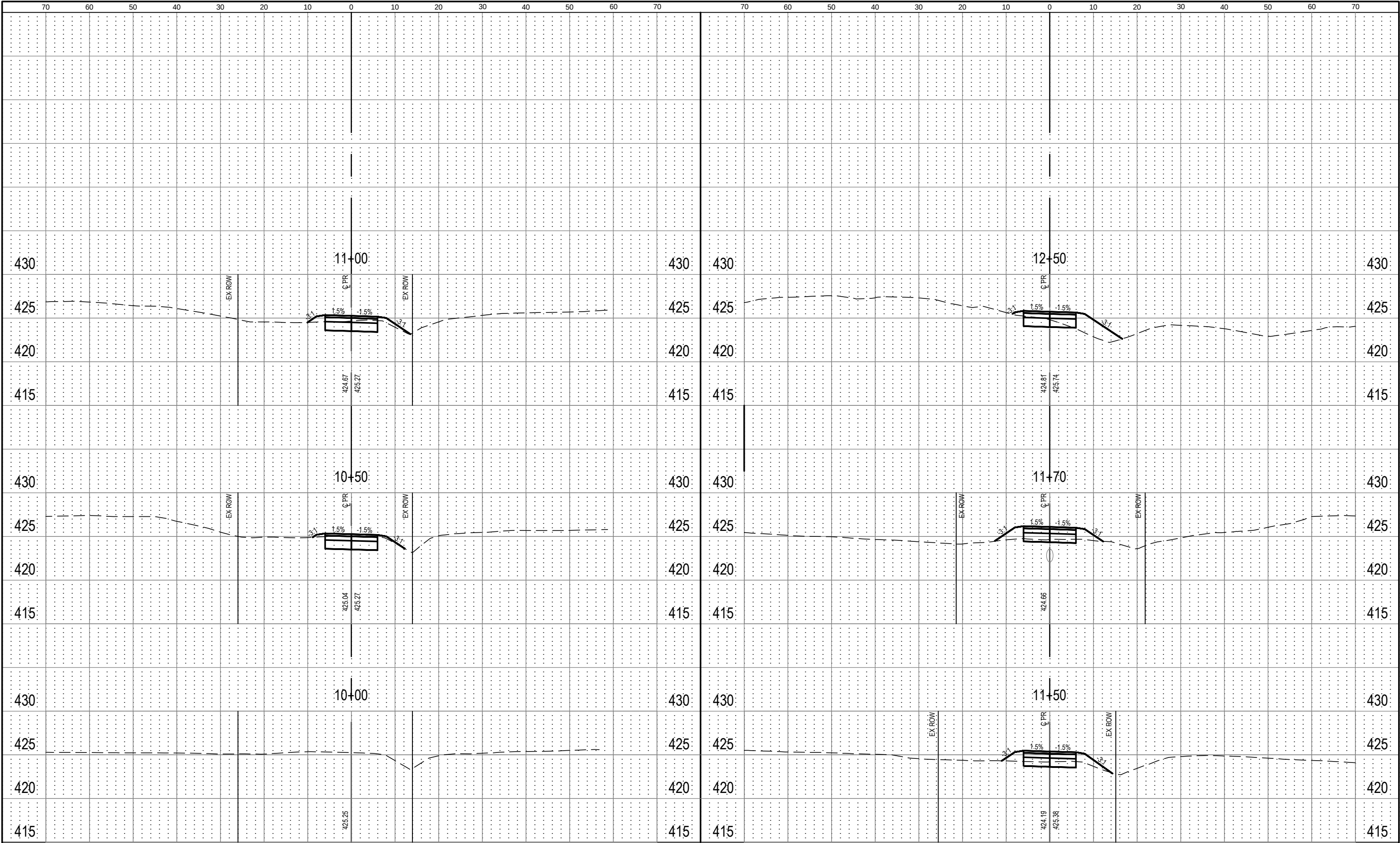
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FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE NOTE BOOK AREAS CHECKED	BY	DATE

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

FILE NAME = 222015-DESIGN.DWG



 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115	USER NAME = PHILLIP JONES	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	L&N CONNECTOR TRAIL CROSS-SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN -	REVISD -		21-00028-00-BT	ST. CLAIR	66	66			
	PLOT DATE = 2025-06-17	CHECKED -	REVISD -		L&N RAILWAY TRAIL AND TRAILHEAD		CONTRACT NO. 97863				
	DATE -	REVISD -	FED. ROAD DIST. NO. -		ILLINOIS	FED. AID PROJECT					