

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

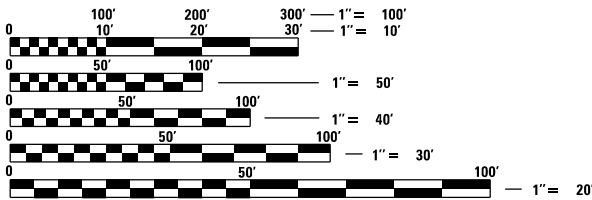
CONSTRUCTION PLANS FOR
19TH & 27TH STREET SHARED-USE PATH
(AVENUE OF THE CITIES TO 36TH AVENUE)

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SHEET NO. DESCRIPTION

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HIGHWAY STANDARD DETAIL PLANS

SEE GENERAL NOTES (SHEET 2) FOR FULL LIST OF STANDARDS



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

CITY ENGINEER: LAURA KLAUER, P.E.

CONTRACT NO. 85785

FAU ROUTE 5834 & 5836 (19TH ST & 27TH ST)
SECTION 23-00291-00-BT
ROCK ISLAND COUNTY
JOB NO. C-92-058-24

BEGIN IMPROVEMENTS
STA. 80+15.12



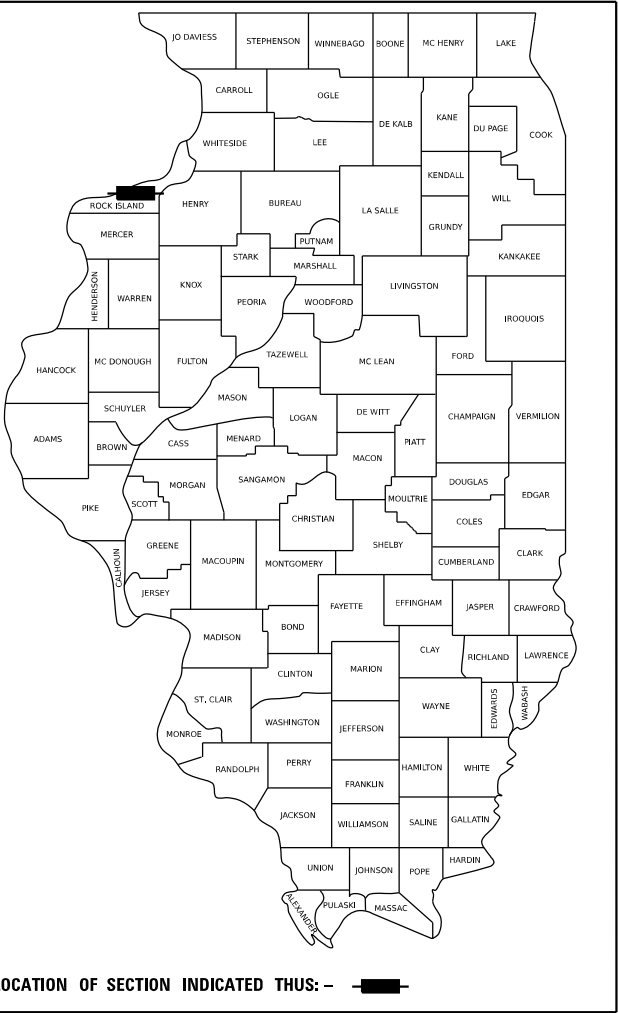
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END IMPROVEMENTS
STA. 246+00

LOCATION MAP

19TH STREET NB GROSS/NET LENGTH: 2418.07 L.F (00.46 MILES)
27TH STREET BRIDGE GROSS/NET LENGTH: 412.15 L.F (00.08 MILES)
19TH STREET /27TH STREET SB GROSS/NET LENGTH: 3109.65 L.F (00.59 MILES)

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	1
		ILLINOIS	CONTRACT NO. 85785	



expires: 11-30-25

Emily Munday

EMILY M. MUNDAY, P.E.
SHEETS: CIVIL
DATE: 8/26/2025



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APPROVED AUGUST 26 2025

Laura Klawer
LOCAL AGENCY OFFICIAL

PASSED September 3, 2025

Shirley Thompson
DISTRICT TWO ENGINEER OF
LOCAL ROADS & STREETS

RELEASING FOR
BID BASED ON
LIMITED REVIEW September 3, 2025

Shirley Thompson
REGION TWO ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLOT DRIVER = h:\PLOT\XATERS\Bw_ahldj
PEN TABLE = 43890_General.TBL

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PLOT DATE = 9/23/2025 (10:54:22 AM)

USER NAME = Emily Munday
DIRECTORY = L:\mains\1220\4389_00_RiverRiverTrail\43600\Roadway\Sheets\Phase I\Sheet\...

GENERAL NOTES

1.

THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING STANDARDS: THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2025 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION; THE 'SUPPLEMENTAL SPECIFICATIONS' ADOPTED JANUARY 1, 2023 BY THE CITY OF MOLINE; AND THE SPECIAL PROVISIONS CONTAINED WITHIN THE BIDDING DOCUMENTS.
2.

ALL POINTS OF POSSIBLE CONFLICT WITH UTILITIES ARE TO BE EXCAVATED AS NECESSARY TO VERIFY THE EXACT LOCATION AND ELEVATION BEFORE COMMENCEMENT OF CONSTRUCTION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
3.

TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" ADOPTED 2009 BY THE FEDERAL HIGHWAY ADMINISTRATION, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE ILLINOIS HIGHWAY STANDARDS INCLUDED WITH THIS PLAN SET, AND THE SPECIAL PROVISIONS CONTAINED WITHIN THE BIDDING DOCUMENTS.
4.

THE CONTRACTOR SHALL PROVIDE PROTECTION TO THE PUBLIC IN ACCORDANCE WITH ARTICLE 107.14 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THIS SHALL INCLUDE TRAFFIC CONTROL AND AND OTHER NECESSARY MEASURES TO UPHOLD AN ADEQUATE LEVEL OF SAFETY. TRAFFIC CONTROL SHALL BE PROVIDED, TO THE SATISFACTION OF THE ENGINEER, INCLUDING ALL PROTECTION DEEMED NECESSARY BEYOND THAT SHOWN IN THE PLANS OR SPECIAL PROVISIONS. THE ABSENCE OF TRAFFIC CONTROL DRAWINGS DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO ENSURE PUBLIC SAFETY.
5.

THE CONTRACTOR SHALL PROTECT ALL EXISTING SIDEWALK, PAVEMENT, LANDSCAPING, AND RETAINING WALLS THAT ARE NOT MARKED FOR REMOVAL. ANY DAMAGE CAUSED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
6.

EXISTING FIRE HYDRANTS AND VALVES SHALL REMAIN THE PROPERTY OF THE CITY OF MOLINE WATER DEPARTMENT.
7.

PLEASE REFER TO THE SPECIAL PROVISIONS FOR THE INSTRUCTIONS FOR TRACER WIRE INSTALLATION FOR PROPOSED WATER MAIN.
8.

ALL STORM AND SANITARY SEWER PIPE CONNECTIONS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
9.

ALL PAVEMENT JOINTS SHALL BE SEALED IN ACCORDANCE WITH STANDARD DRAWING #5 FOUND IN THE "2023 SUPPLEMENTAL SPECIFICATIONS" ADOPTED JANUARY 1, 2023 BY THE CITY OF MOLINE, AND SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
10.

THE REMOVAL, STORAGE, AND REINSTALLATION OF EXISTING SIGNS AND FENCING WITHIN THE CONSTRUCTION LIMITS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
11.

THE CONTRACTOR SHALL NOTIFY INDIVIDUAL RESIDENTS PRIOR TO THE REMOVAL OF DRIVEWAYS OR TREES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE REMOVAL AND RECONSTRUCTION SCHEDULE OF DRIVEWAYS WITH INDIVIDUAL RESIDENTS IN ORDER TO MINIMIZE DISRUPTIONS TO DRIVEWAY ACCESS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
12.

THE CONTRACTOR SHALL ENSURE THE CONTINUATION OF MAIL SERVICES AND GARBAGE COLLECTION SERVICES TO RESIDENTS THROUGHOUT THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL NOTIFY RESIDENTS PRIOR TO ANY CHANGES OR DISRUPTIONS IN THESE SERVICES. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
13.

THE CONTRACTOR SHALL REVIEW ALL NOTES, THE "2023 SUPPLEMENTAL SPECIFICATIONS" ADOPTED JANUARY 1, 2023 BY THE CITY OF MOLINE, AND THE SPECIAL PROVISIONS CONTAINED WITHIN THE BIDDING DOCUMENTS PRIOR TO BIDDING EACH PAY ITEM.
14.

THE CITY OF MOLINE PERFORMS ALL CONSTRUCTION STAKING, PER THE 2023 MOLINE SUPPLEMENTAL SPECIFICATIONS. THE CONTRACTOR SHALL CONTACT THE RESIDENT ENGINEER A MINIMUM OF 48 HOURS IN ADVANCE TO REQUEST STAKING.
15.

PVC CONDUITS SHALL BE IN ACCORDANCE WITH ARTICLE 1088.01(C) OF IDOT'S STANDARD SPECIFICATIONS, INCLUDING THE REQUIREMENT FOR CONDUITS UNDER PAVEMENT, STABILIZED SHOULDERS, PAVED MEDIANS, PAVED DRIVEWAYS, CURB AND/OR GUTTER, AND SIDEWALKS TO BE SCHEDULE 80.

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

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

1.

TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR.
2.

TO AVOID ADVERSE EFFECTS TO THE RUSTY-PATCHED BUMBLEBEE (RPBB), IDOT WILL COMMIT TO THE IMPLEMENTATION OF THE FOLLOWING MEASURES:

A.

MEDIUM QUALITY HERBACEOUS AREAS THAT WILL BE IMPACTED WITHIN THE PROJECT CONSTRUCTION LIMITS SHALL BE MOWED FROM MARCH 15TH THROUGH OCTOBER 14TH OF ANY GIVEN YEAR FOR THE LENGTH OF CONSTRUCTION SO AS NOT TO ALLOW THE GROWTH AND ESTABLISHMENT OF VEGETATION OR FLORAL RESOURCES.

B.

MOWER DECKS SHALL BE SET AT A HEIGHT THAT DOES NOT CAUSE SCALPING AND SOIL DISTURBANCE. IT IS RECOMMENDED THAT AREAS WHICH ARE NOT CURRENTLY MOWED AND MAINTAINED BE MOWED AT A DECK HEIGHT OF 6 INCHES UNLESS THE VEGETATION IS SHORTER SUCH THAT THIS DECK SETTING WOULD NOT BE FEASIBLE. AREAS WHICH ARE CURRENTLY MOWED AND MAINTAINED SHALL BE MOWED AND MAINTAINED AT THE CURRENT HEIGHT AND DECK SETTINGS.

C.

NO PARKING OR CONSTRUCTION STAGING SHALL OCCUR WITHIN OR ADJACENT TO MEDIUM QUALITY HABITAT AREAS. SEE SWPPP PLANS FOR LOCATION OF HABITAT.

D.

DISTURBED AREAS WITHIN HIGH AND MEDIUM QUALITY HABITAT AREAS SHALL BE RESEEDDED WITH A CLASS 4 OR 5 A OR B SEED MIXTURE IN ACCORDANCE WITH SECTION 250 OF IDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

EARTH EXCAVATION - INCIDENTAL TO CURB, GUTTER & DRIVEWAY

EARTH EXCAVATION AND BACKFILL FOR PROPOSED CURB AND GUTTERS AND DRIVEWAY PAVEMENTS SHALL BE INCLUDED IN THE UNIT COST OF THE VARIOUS ITEMS.

BUTT JOINT CUTTING TIME RESTRICTION

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE (3) DAYS PRIOR TO PLACEMENT OF HOT-MIX ASPHALT.

PAVING SURFACE COURSE

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES.

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES

IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS, THE CONNECTING OF EXISTING DRAIN TILES, PIPE CULVERTS, OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM STRUCTURES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEMS PROVIDED.

IDOT HIGHWAY STANDARDS:

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424031-03	MEDIAN PEDESTRIAN CROSSINGS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-07	PRECAST MANHOLE TYPE A 4' (1.22 M) DIAMETER
602421-09	PRECAST MANHOLE TYPE A 9' (2.74 M) DIAMETER
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606201-04	TYPE B GUTTER INLET OUTLET AND ENTRANCE
606301-04	PC CONCRETE ISLANDS AND MEDIANS
637006-05	CONCRETE BARRIER DOUBLE FACE, 44 IN. (1120MM) HEIGHT
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701316-14	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR
701321-19	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING 45 MPH OR MORE
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES FOR SPEEDS ≥ 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720016-04	MAST ARM MOUNTED STREET NAME SIGNS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATION OF TYPES A & B METAL POSTS (FOR SIGNS AND MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
838001-01	BREAKAWAY DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877011-10	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877012-07	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001-11	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASH BEACON INSTALL
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

IDOT DISTRICT 2 STANDARDS:

41.1 TYPICAL PAVEMENT MARKINGS



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
19TH & 27TH STREET SHARED-USE PATH

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	2
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% ITEP / 20% LOCAL		
				0028		
				URBAN		
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	12	12		
* 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	56	56		
* 20100500	TREE REMOVAL, ACRES	ACRE	0.7	0.7		
* 20101100	TREE TRUNK PROTECTION	EACH	10	10		
* 20101200	TREE ROOT PRUNING	EACH	10	10		
20200100	EARTH EXCAVATION	CU YD	1607	1607		
20800150	TRENCH BACKFILL	CU YD	168	168		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	6242	6242		
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	818	818		
* 25000210	SEEDING, CLASS 2A	ACRE	0.3	0.3		
* 25000300	SEEDING, CLASS 3	ACRE	0.5	0.5		
* 25000310	SEEDING, CLASS 4	ACRE	0.75	0.75		
* 25000322	SEEDING, CLASS 5A	ACRE	0.75	0.75		
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	143	143		
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	143	143		

* SPECIALTY ITEM



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: 1"=20' SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	3
CONTRACT NO. 85785				
		ILLINOIS	FED. AID PROJECT	

PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% ITEP / 20% LOCAL		
				0028		
				URBAN		
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	143	143		
* 25100125	MULCH, METHOD 3	ACRE	0.3	0.3		
* 25100127	MULCH, METHOD 3A	ACRE	1.25	1.25		
* 25200110	SODDING, SALT TOLERANT	SQ YD	1217	1217		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	143	143		
28000305	TEMPORARY DITCH CHECKS	FOOT	259	259		
28000400	PERIMETER EROSION BARRIER	FOOT	3408	3408		
28000500	INLET AND PIPE PROTECTION	EACH	16	16		
28100105	STONE RIPRAP, CLASS A3	SQ YD	214	214		
28200200	FILTER FABRIC	SQ YD	19	19		
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	744	744		
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	6406	6406		
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	109	109		
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	164	164		
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	53289	53289		

* SPECIALTY ITEM



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: 1"=20'	SHEET 2	OF 9	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	4
CONTRACT NO. 85785				
		ILLINOIS	FED. AID PROJECT	

PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% ITEP / 20% LOCAL		
				0028		
				URBAN		
42400800	DETECTABLE WARNINGS	SQ FT	397	397		
44000100	PAVEMENT REMOVAL	SQ YD	730	730		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	168	168		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	949	949		
44000600	SIDEWALK REMOVAL	SQ FT	1412	1412		
44003100	MEDIAN REMOVAL	SQ FT	288	288		
50102400	CONCRETE REMOVAL	CU YD	94.2	94.2		
50200100	STRUCTURE EXCAVATION	CU YD	511	511		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	44.6	44.6		
50300280	CONCRETE ENCASEMENT	CU YD	355.3	355.3		
50300285	FORM LINER TEXTURED SURFACE	SQ FT	676	676		
50300300	PROTECTIVE COAT	SQ YD	114	114		
50500505	STUD SHEAR CONNECTORS	EACH	124	124		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	15480	15480		
* 50901720	BICYCLE RAILING	FOOT	200	200		
* 50901735	BICYCLE RAILING, CURVED	FOOT	249	249		
* 50901750	PARAPET RAILING	FOOT	249	249		

* SPECIALTY ITEM

PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% ITEP / 20% LOCAL		
				0028		
				URBAN		
52000110	PREFORMED JOINT STRIP SEAL	FOOT	77	77		
52200100	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	3253	3253		
52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	14643	14643		
52200250	UNTREATED TIMBER LAGGING	SQ FT	110	110		
52200255	TREATED TIMBER LAGGING	SQ FT	6759	6759		
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	91.2	91.2		
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2		
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	222	222		
55100500	STORM SEWER REMOVAL 12"	FOOT	35	35		
* 56109210	WATER VALVES TO BE ADJUSTED	EACH	4	4		
* 56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	3	3		
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	727	727		
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	171.9	171.9		
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	986	986		
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3		

* SPECIALTY ITEM



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: 1"=20' SHEET 4 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	6
		CONTRACT NO. 85785		
		ILLINOIS FED. AID PROJECT		

PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% ITEP / 20% LOCAL		
				0028		
				URBAN		
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	2	2		
60240327	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	EACH	2	2		
60255500	MANHOLES TO BE ADJUSTED	EACH	4	4		
60262700	INLETS TO BE RECONSTRUCTED	EACH	2	2		
60605100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (ABUTTING EXISTING PAVEMENT)	FOOT	2548	2548		
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	408	408		
60623200	CONCRETE MEDIAN, TYPE SM-6.24	SQ FT	348	348		
63700180	CONCRETE BARRIER, SINGLE FACE, 44 INCH HEIGHT	FOOT	130	130		
63700900	CONCRETE BARRIER BASE	FOOT	130	130		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1403	1403		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1		
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1		
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	7	7		
67100100	MOBILIZATION	L SUM	1	1		

* SPECIALTY ITEM

PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% ITEP / 20% LOCAL		
				0028		
				URBAN		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3221	3221		
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	9662	9662		
* 72000100	SIGN PANEL - TYPE 1	SQ FT	65	65		
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	43	43		
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	34	34		
72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	51	51		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	53	53		
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1974	1974		
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	916	916		
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	261	261		
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	322	322		
* 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	3	3		
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	8602	8602		
* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	149	149		
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	559	559		

* SPECIALTY ITEM

PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% ITEP / 20% LOCAL		
				0028		
				URBAN		
* 81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	498	498		
* 81400100	HANDHOLE	EACH	28	28		
* 81400300	DOUBLE HANDHOLE	EACH	4	4		
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1		
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	3	3		
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2424	2424		
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2551	2551		
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4562	4562		
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	257	257		
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	118	118		
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1364	1364		
* 87502640	TRAFFIC SIGNAL POST, ALUMINUM 10 FT.	EACH	10	10		
* 87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	5	5		
* 87702820	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 18 FT.	EACH	1	1		
* 87702850	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	1	1		

* SPECIALTY ITEM



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: 1"=20' SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	9
CONTRACT NO. 85785				
		ILLINOIS	FED. AID PROJECT	

PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% ITEP / 20% LOCAL			
				0028			
				URBAN			
* 87702860	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT.	EACH	1	1			
* 87702890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	1	1			
* 87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	2	2			
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	45	45			
* 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	12	12			
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30	30			
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	37	37			
* 87900200	DRILL EXISTING HANDHOLE	EACH	9	9			
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	9	9			
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	10	10			
* 88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1	1			
* 88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2	2			
* 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	18	18			
* 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	11	11			
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3	3			
* 89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	3	3			
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4595	4595			
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	30	30			
* 89502380	REMOVE EXISTING HANDHOLE	EACH	8	8			

* SPECIALTY ITEM



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 DATE - AUGUST 2025

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: 1"=20' SHEET 8 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	10
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

PAY ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% ITEP / 20% LOCAL		
				0028		
				URBAN		
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	12	12		
* A2002476	TREE, BETULA NIGRA HERITAGE (HERITAGE RIVER BIRCH), 12' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	50	50		
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1480	1480		
X0326806	WASHOUT BASIN	L SUM	1	1		
X4402805	ISLAND REMOVAL	SQ FT	593	593		
X4402815	ISLAND PAVEMENT REMOVAL AND REPLACEMENT	SQ FT	322	322		
X5427602	REMOVE EXISTING FLARED END SECTION	EACH	2	2		
X7010216	TRAFFIC CONTROLAND PROTECTION, (SPECIAL)	L SUM	1	1		
X7240205	REMOVE SIGN COMPLETE	EACH	2	2		
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	18	18		
* X8809005	LED SIGNAL FACE, LENS COVER	EACH	15	15		
* X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	7	7		
* X8891001	VIDEO VEHICLE DETECTION SYSTEM	EACH	2	2		
* X8891503	REMOVE AND REINSTALL VIDEO DETECTION CAMERA	EACH	1	1		
Z0006012	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 ¼ INCHES	SQ YD	291	291		
Z0012142	BRIDGE DECK SCARIFICATION 2 ¼"	SQ YD	291	291		
Z0049790	RELOCATING NAME PLATES	EACH	1	1		
Z0056668	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	FOOT	58	58		

* SPECIALTY ITEM



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

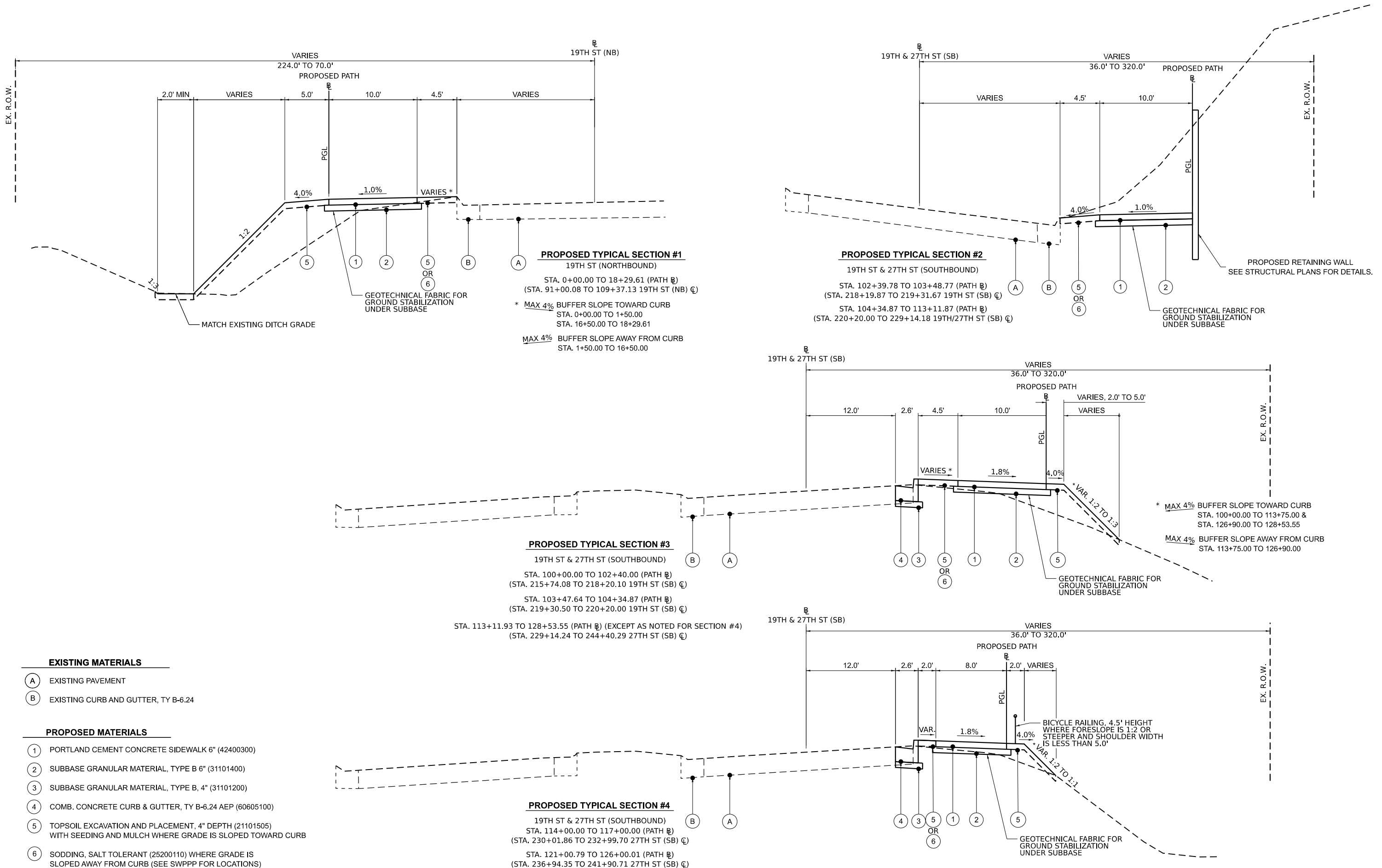
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	11
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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USER NAME = Emily Munday
DIRECTOR = L:\Main\1220\43990_00_RiverRtr\Trl\43990\Roadway\Sheets\Phase II\Sheet85785.dgn



EXISTING MATERIALS

- (A) EXISTING PAVEMENT
- (B) EXISTING CURB AND GUTTER, TY B-6.24

PROPOSED MATERIALS

- (1) PORTLAND CEMENT CONCRETE SIDEWALK 6" (42400300)
- (2) SUBBASE GRANULAR MATERIAL, TYPE B 6" (31101400)
- (3) SUBBASE GRANULAR MATERIAL, TYPE B, 4" (31101200)
- (4) COMB. CONCRETE CURB & GUTTER, TY B-6.24 AEP (60605100)
- (5) TOPSOIL EXCAVATION AND PLACEMENT, 4" DEPTH (21101505)
WITH SEEDING AND MULCH WHERE GRADE IS SLOPED TOWARD CURB
- (6) SODDING, SALT TOLERANT (25200110) WHERE GRADE IS
SLOPED AWAY FROM CURB (SEE SWPPP FOR LOCATIONS)



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DATE - AUGUST 2025

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS 19TH & 27TH ST SHARED-USE PATH

SCALE: 1"=20'

SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	12
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER
PEN TABLE

PLOT SCALE
PLOT DATE

USER NAME
DIRECTORY

THE TABLES PROVIDED BELOW ON THIS SHEET IDENTIFY UTILITIES WHICH APPEAR TO REQUIRE RELOCATION OR ADJUSTMENT BASED ON THE INFORMATION PROVIDED IN THESE DRAWINGS. THE CONTRACTOR AND UTILITY COMPANIES SHALL BE RESPONSIBLE FOR IDENTIFYING ALL UTILITIES THAT REQUIRE ADJUSTMENT OR RELOCATION AND TAKE STEPS NECESSARY TO CHANGE THE EXISTING UTILITIES. ALL UTILITIES SHALL BE ADJUSTED BY THE UTILITY COMPANIES UNLESS OTHERWISE NOTED. THE CONTRACTOR MUST CONTACT J.U.L.I.E. AT LEAST 48 HOURS BEFORE EXCAVATION ANY MATERIAL OR BORING OPERATIONS.

SANITARY/DRAINAGE MANHOLE ADJUSTMENTS					
PAY ITEM 60255500					
STA.	O/S		PROP. EL.	EXIST. EL	DIFF. +/-
214+73.68	20.5	RT	692.87	692.23	0.64
215+24.90	28.3	RT	692.45	692.61	-0.16
216+65.02	19.4	RT	691.25	691.56	-0.31
242+71.71	18.3	RT	603.03	603.02	0.01

UTILITY POLE RELOCATIONS				
STATION	OFFSET		OWNER	LIGHT?
217+93.21	21.5	RT	MidAmerican	Y
219+61.89	22.4	RT	MidAmerican	Y
220+45.69	32.2	RT	MidAmerican	N
221+25.04	20.6	RT	MidAmerican	Y
223+63.85	21.4	RT	MidAmerican	Y
229+58.60	20.2	RT	MidAmerican	Y
232+15.68	22.9	RT	MidAmerican	Y
234+64.84	23.6	RT	MidAmerican	Y
236+48.18	25.1	RT	MidAmerican	N
238+36.07	25.2	RT	MidAmerican	N
240+64.91	25	RT	MidAmerican	Y
244+91.56	24	RT	MidAmerican	Y

WATER VALVE ADJUSTMENTS						
PAY ITEM 56109210						
STA.	O/S		PROP. EL.	EXIST. EL.	DIFF. +/-	LOCATION IN PR. IMPROVEMENTS
215+53.48	16.2	RT	692.428	692.46	-0.032	GRASS
217+73.88	18.7	RT	689.291	689.967	-0.676	SIDEWALK
218+58.29	16.5	RT	688.334	688.748	-0.414	GRASS
226+55.28	23.6	RT	658.336	661.716	-3.38	SIDEWALK

GAS VALVE ADJUSTMENTS						
STA.	O/S		PROP. EL.	EXIST. EL.	DIFF. +/-	LOCATION IN PR. IMPROVEMENTS
217+96.86	18.5	RT	689.252	689.155	0.097	GRASS

HYDRANTS TO BE RELOCATED		
PAY ITEM 56400400		
STA.	O/S	
217+74.30	24.8	RT
232+53.94	26.1	RT
235+37.45	26.3	RT

HANDHOLE ADJUSTMENTS						
STA.	O/S		PROP. EL.	EXIST. EL	DIFF. +/-	OWNER
90+16.16	23.2	LT	694.12	694.51	-0.39	CITY
91+95.33	29.7	LT	692.05	691.93	0.12	CITY
93+53.58	25.3	LT	690.7	690.82	-0.12	CITY
109+15.45	31.5	LT	694.2	694.22	-0.02	CITY
109+82.41	17.6	LT	-	694.47	REMOVE	CITY
110+08.36	37.8	RT	695.19	695.42	-0.23	CITY
110+37.37	27	RT	-	695.32	REMOVE	CITY
110+39.33	27.4	LT	-	694.65	REMOVE	CITY
214+55.71	40.4	LT	-	694.4	REMOVE	CITY
214+64.09	17.6	LT	-	693.75	REMOVE	CITY
214+67.43	23.5	RT	-	692.89	REMOVE	CITY
215+23.83	33.9	RT	-	692.56	REMOVE	CITY
245+25.11	31.6	RT	596.57	596.91	-0.34	CITY

UTILITIES

THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE PROJECT AREA:

CITY OF MOLINE PUBLIC UTILITIES:

- WATER
- SANITARY
- STORMWATER
- SIGNALS

PRIVATE GAS AND ELECTRIC:

- MIDAMERICAN ENERGY

PRIVATE TELECOMMUNICATIONS:

- AT&T
- CENTURY LINK
- GENESEOCOMMUNICATIONS
- MEDIACOM
- VERIZON
- WINDSTREAM
- METRONET, INC.

HANDHOLES			
PAY ITEM 81400100			
STA.	O/S		EACH
90+50.38	49.6	LT	1
93+48.86	24.7	LT	1
96+49.00	19.0	LT	1
99+50.00	19.0	LT	1
102+51.72	19.0	LT	1
105+53.52	19.0	LT	1
108+07.11	19.0	LT	1
109+44.02	19.6	LT	1
109+56.90	19.9	RT	1
110+11.90	47.0	RT	1
214+62.19	28.1	LT	1
214+63.85	22.2	RT	1
215+35.46	19.4	RT	1
218+25.88	17.9	RT	1
221+31.39	18.6	RT	1
224+37.00	18.6	RT	1
227+41.63	18.1	RT	1
230+41.51	15.6	RT	1
233+39.87	16.6	RT	1
236+37.77	16.6	RT	1
239+35.68	16.6	RT	1
242+35.57	16.6	RT	1
245+30.99	33.4	RT	1
TOTAL:			23.00

UNDERGROUND CONDUIT, PVC 2" DIA			
PAY ITEM 81028350			
STA.	STA.	# OF CONDUIT	FOOT
90+50.38	93+48.86	1	304.4
93+48.86	96+49.00	1	300.3
96+49.00	99+50.00	1	300.7
99+50.00	102+51.72	1	300.7
102+51.72	105+53.52	1	300.7
105+53.52	108+07.11	1	252.2
108+07.11	109+44.02	1	135.8
109+44.02	109+56.90	1	83.2
109+56.90	110+11.90	1	122.6
110+11.90	BRIDGE	1	64.8
BRIDGE	214+62.19	2	78.8
214+62.19	214+63.85	2	100.6
214+63.85	215+35.46	2	108.8
215+35.46	218+25.88	2	571.8
218+25.88	221+31.39	2	601.8
221+31.39	224+37.00	2	601.8
224+37.00	227+41.63	2	600.8
227+41.63	230+41.51	2	599.8
230+41.51	233+39.87	2	600.6
233+39.87	236+37.77	2	600.6
236+37.77	239+35.68	2	600.4
239+35.68	242+35.57	2	600.0
242+35.57	245+30.99	2	603.8
TOTAL:			8435.00

SEE TRAFFIC SIGNAL PLANS FOR ADDITIONAL HANDHOLE AND UNDERGROUND CONDUIT, PVC 2" DIA. QUANTITIES.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES
UTILITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	13
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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DRIVEWAY SCHEDULE		PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SUBBASE GRANULAR MATERIAL, TYPE B 6"	AGGREGATE FOR TEMPORARY ACCESS	DRIVEWAY PAVEMENT REMOVAL
LOCATION		42300200	31101400	40201000	44000200
STATION	O/S	SQ YD	SQ YD	TON	SQ YD
215+88.85	RT	32.7	32.7	21.8	40.5
217+32.88	RT	27.1	27.1	18.1	30.1
217+95.21	RT	49.4	49.4	32.9	47.7
219+31.68	RT	54.7	54.7	36.5	50.1
TOTAL:		164	164 *	109	168

* PARTIAL PAY ITEM TOTAL UNDER DRIVEWAYS

BICYCLE RAILING		
PAY ITEM 50901720		
STATION	STATION	FOOT
114+50.00	115+75.00	125
125+50.00	126+25.00	75
TOTAL:		200

MEDIAN SCHEDULE			CONCRETE MEDIAN SURFACE, 6 INCH	CONCRETE BARRIER, SINGLE FACE, 44 INCH HEIGHT
LOCATION			60618320	63700180
STATION TO STATION	O/S		SQ FT	FOOT
48+35.58	49+00.57	RT		91.5
51+48.81	51+76.60	RT		38.8
90+08.03	90+30.37	LT	407.5	
TOTAL:			408	130

SIDEWALK SCHEDULE			PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
LOCATION			42400300
STATION TO STATION	O/S		SQ FT
88+48.47	88+73.21	LT	236.6
89+42.11	89+69.61	LT	260.5
90+08.02	90+21.45	LT	110.4
90+30.28	109+67.27	LT	19553.0
109+78.09	109+98.39	RT	198.7
214+67.06	214+76.93	LT	243.2
214+47.56	214+86.06	RT	303.7
215+20.60	215+83.35	RT	574.1
215+97.64	217+25.66	RT	1263.8
217+37.88	217+99.11	RT	579.0
218+11.81	219+34.37	RT	1202.4
219+46.96	245+41.03	RT	28763.6
TOTAL:			53289

DETECTABLE WARNING SCHEDULE		DETECTABLE WARNINGS
LOCATION		42400800
STATION	O/S	SQ FT
88+65.09	LT	21.0
88+89.31	LT	21.2
88+92.48	LT	15.8
88+99.29	LT	20.6
89+44.48	LT	20.0
89+67.89	LT	20.0
88+87.67	RT	12.2
90+10.87	RT	12.8
90+09.71	LT	19.8
90+20.35	LT	16.4
90+23.07	LT	21.3
90+38.61	LT	20.0
109+61.89	LT	27.0
109+83.88	RT	21.0
110+26.05	LT	10.1
214+71.99	LT	20.0
214+72.10	RT	21.2
214+82.65	RT	21.1
215+25.25	RT	20.0
245+37.66	RT	35.5
TOTAL:		397



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DATE - AUGUST 2025

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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES
DRIVEWAY/SIDEWALK/MEDIAN

SCALE: NTS SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	15
CONTRACT NO. 85785				
		ILLINOIS	FED. AID PROJECT	

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USER NAME = Emily Munday
DIRECTORY = L:\Main\1220\4389-00_RiverRiverTrail\43600\Roadway\Sheets\Phase I\Sheet4...

LANDSCAPE SCHEDULE			MULCH, METHOD 3	MULCH, METHOD 3A	SEEDING, CLASS 2A	SEEDING, CLASS 3	SEEDING, CLASS 4	SEEDING, CLASS 5A	SODDING, SALT TOLERANT	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	TEMPORARY EROSION CONTROL SEEDING
LOCATION			25100125	25100127	25000210	25000300	25000310	25000322	25200110	25000400	25000500	25000600	28000250
STATION TO STATION	O/S		ACRE	ACRE	ACRE	ACRE	ACRE	ACRE	SQ YD	POUND	POUND	POUND	POUND
88+45.57	88+69.09	LT		0.003			0.003	0.003		0.3	0.3	0.3	0.3
90+27.39	109+51.39	LT		0.74			0.74	0.74		67.0	67.0	67.0	67.0
92+50.00	107+55.00	LT							798.90				
109+72.81	110+28.24	RT	0.01		0.01					1.1	1.1	1.1	1.1
215+17.72	215+83.35	RT	0.01		0.01					1.2	1.2	1.2	1.2
215+95.94	217+27.65	RT	0.02		0.02					1.9	1.9	1.9	1.9
217+38.11	217+99.11	RT	0.01		0.01					1.1	1.1	1.1	1.1
218+00.06	219+34.37	RT	0.03		0.03					3.0	3.0	3.0	3.0
219+36.74	229+14.09	RT	0.24		0.24					21.6	21.6	21.6	21.6
229+14.09	242+00.00	RT	0.01		0.01					0.6	0.6	0.6	0.6
229+14.18	245+43.67	RT		0.50		0.50				45.0	45.0	45.0	45.0
229+76.86	242+79.50	RT							418.10				
TOTAL:			0.30	1.25	0.30	0.50	0.75	0.75	1217	143	143	143	143

PERIMETER EROSION BARRIER							28000400
STATION	O/S	TO	STATION	O/S			FOOT
90+47.32	66.6'	LT	107+55.28	36.6'	LT		1705
229+42.31	30.5'	RT	245+43.67	53.2'	RT		1703
TOTAL:							3408

INLET AND PIPE PROTECTION				
28000500				
STATION	O/S		EACH	
94+10.37	47.1	LT	1	
95+91.64	33.4	LT	1	
98+64.20	35.2	LT	1	
110+09.03	19.1	RT	1	
214+73.68	20.5	RT	1	
215+24.90	28.3	RT	1	
228+30.39	12.8	RT	1	
228+31.45	26.9	RT	1	
229+11.60	11.9	RT	1	
229+11.98	26.0	RT	1	
229+70.73	11.0	RT	1	
229+72.00	25.7	RT	1	
230+62.20	41.3	RT	1	
241+19.15	11.0	RT	1	
241+21.10	40.8	RT	1	
242+71.71	18.3	RT	1	
TOTAL:			16	



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MODEL: = Schedules 6 [SHT_06]
PLOT SCALE = 0.16666633' / in.
PLOT DATE = 9/23/2025 - 10:54:35 AM

DESIGNED - ZE
DRAWN - ZE
CHECKED - EM
DATE - AUGUST 2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES
EROSION CONTROL

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

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	16
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER
PEN TABLE

\\p01\LAYERS\p01\p01.dgn
436900_General.TBL

PLOT SCALE
PLOT DATE

0.16666633" / 1" = 9/2/2025 (11:43:34 AM)

USER NAME
DIRECTORY

Erin Munday
L:\mday\1220\4369-00_Plan\Plan\Roadway\Sheets\Phase II Sheet6.dgn

SHEET	STA.	OFFSET	MUTCD CODE	DESCRIPTION	ACTION	PROPOSED SIZE (IN)	DIRECTION	RELOCATE SIGN PANEL - TYPE 1 (SQ. FT)	RELOCATE SIGN PANEL - TYPE 2 (SQ. FT)	RELOCATE SIGN PANEL ASSEMBLY - TYPE B (SQ. FT)	REMOVE SIGN COMPLETE (EACH)
								72400710	72400720	72400600	X7240205
REM-01	90+74	39 LT	R5-1	DO NOT ENTER	RELOCATE		SB		16.00		
REM-01	92+01	31 LT	R5-1a	WRONG WAY	RELOCATE		EB		10.50		
REM-02	95+00	22 LT	R3-7L	LEFT LANE MUST TURN LEFT	RELOCATE		WB	6.00			
REM-03	102+99	20 LT	W3-3	SIGNAL AHEAD & AVE OF THE CITIES	RELOCATE		WB			19.00	
REM-04	110+26	35 LT		19TH STREET	REMAIN		SB				
REM-04	110+26	35 LT		27TH STREET	REMAIN		SB				
REM-04	110+00	31 RT	R6-1	ONE WAY	RELOCATE		NB	3.00			
REM-05	51+84	15 LT	R5-1a	WRONG WAY	REMAIN		SB				
REM-05	51+92	26 RT	R10-11b	NO TURN ON RED	REMOVE		WB				1.00
REM-05	51+92	18 RT	R5-1	DO NOT ENTER	REMOVE		SB				1.00
REM-06	214+66	20 RT	S1-1 & W16-7P	SCHOOL CROSSING & LEFT ARROW	RELOCATE		WB			15.00	
REM-06	214+80	35' RT	R6-2L	ONE WAY	RELOCATE		SB	5.00			
REM-06	214+77	23 RT		19TH STREET	REMAIN		NB				
REM-07	214+77	23 RT		COURTS 27 TO 32	REMAIN		NB				
REM-07	214+88	53 RT	W14-2	NO OUTLET	REMAIN		NB				
REM-07	214+88	53 RT	R8-3	NO PARKING THIS SIDE OF THE STREET	REMAIN		NB				
REM-07	214+97	48 LT	R5-1a	WRONG WAY	REMAIN		SB				
REM-06	215+18	32' LT	R6-2L	ONE WAY	RELOCATE		NB	5.00			
REM-06	219+60	21 RT	R2-1	SPEED LIMIT	RELOCATE		NB	7.50			
REM-09	231+64	22 RT	R2-1	SPEED LIMIT	RELOCATE		NB	7.50			
REM-11	239+21	22 RT	W3-3	SIGNAL AHEAD & STREET NAMES	RELOCATE		NB			9	
REM-11	243+29	28 RT		BLACK HAWK STATE HISTORIC SITE	RELOCATE		NB		24.00		
TOTAL								34.00	51.00	43.00	2.00



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FILE NAME: 436900-SHT-Schedules.dgn
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PLOT DATE: 9/2/2025 - 11:43:34 AM

DESIGNED - ZE
DRAWN - ZE
CHECKED - EM
DATE - AUGUST 2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES
SIGN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	17
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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USER NAME = Emily Mundy
DIRECTORY = L:\m\met\12000\g5900_RiverRiverTrail\g5900_Roadway\Sheets\Phase II Sheets\..

EARTHWORK SCHEDULE 19TH ST					
LOCATION		EARTH EXCAVATION	EARTH EXC. ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		20200100			
STATION TO STATION		CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
00+00.00	00+50.00	6.07	4.55	22.44	-17.88
00+50.00	01+00.00	4.19	3.15	38.54	-35.39
01+00.00	01+50.00	3.59	2.69	56.40	-53.71
01+50.00	02+00.00	1.99	1.49	80.73	-79.24
02+00.00	02+50.00	1.46	1.09	73.11	-72.01
02+50.00	03+00.00	2.44	1.83	42.11	-40.28
03+00.00	03+50.00	4.40	3.30	23.00	-19.69
03+50.00	04+00.00	4.71	3.53	20.09	-16.56
04+00.00	04+50.00	3.42	2.57	27.08	-24.52
04+50.00	05+00.00	4.27	3.21	23.14	-19.94
05+00.00	05+50.00	7.07	5.30	8.17	-2.86
05+50.00	06+00.00	7.51	5.63	2.13	+3.50
06+00.00	06+50.00	6.72	5.04	3.42	+1.63
06+50.00	07+00.00	6.97	5.23	3.97	+1.26
07+00.00	07+50.00	5.43	4.07	5.23	-1.16
07+50.00	08+00.00	5.00	3.75	7.34	-3.59
08+00.00	08+50.00	6.11	4.58	8.39	-3.81
08+50.00	09+00.00	5.90	4.42	10.38	-5.96
09+00.00	09+50.00	5.83	4.38	12.50	-8.12
09+50.00	10+00.00	4.82	3.61	15.82	-12.20
10+00.00	10+50.00	4.18	3.13	16.82	-13.69
10+50.00	11+00.00	6.93	5.19	11.07	-5.88
11+00.00	11+50.00	9.56	7.17	5.34	+1.83
11+50.00	12+00.00	8.72	6.54	1.71	+4.83
12+00.00	12+50.00	7.96	5.97	0.29	+5.68
12+50.00	13+00.00	9.64	7.23	0.22	+7.02
13+00.00	13+50.00	11.07	8.30	0.13	+8.17
13+50.00	14+00.00	9.36	7.02	2.69	+4.32
14+00.00	14+50.00	7.90	5.92	11.88	-5.96
14+50.00	15+00.00	8.69	6.52	23.74	-17.22
15+00.00	15+50.00	10.55	7.91	29.13	-21.22
15+50.00	16+00.00	10.06	7.55	21.71	-14.16
16+00.00	16+50.00	9.11	6.83	7.06	-0.22
16+50.00	17+00.00	18.22	13.66	0.00	+13.66
17+00.00	17+50.00	19.90	14.92	0.00	+14.92
17+50.00	18+00.00	10.88	8.16	0.00	+8.16
18+00.00	18+29.60	2.46	1.85	0.00	+1.85
SUBTOTAL		263.11		615.79	

TOTALS	EARTH EXCAVATION	EMBANKMENT
	20200100	
	CUBIC YARD	CUBIC YARD
	1607	844

EARTHWORK SCHEDULE 27TH ST					
LOCATION		EARTH EXCAVATION	EARTH EXC. ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		20200100			
STATION TO STATION		CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
100+00.00	100+14.78	3.45	2.59	0.01	+2.58
100+14.78	100+50.00	7.35	5.52	0.02	+5.50
100+50.00	101+00.00	9.90	7.43	0.00	+7.43
101+00.00	101+50.00	4.70	3.52	0.00	+3.52
101+50.00	101+54.53	0.00	0.00	0.00	+0.00
101+54.53	102+00.00	7.43	5.57	0.00	+5.57
102+00.00	102+22.40	3.66	2.75	0.00	+2.75
102+22.40	102+50.00	10.72	8.04	0.00	+8.04
102+50.00	103+00.00	46.88	35.16	0.00	+35.16
103+00.00	103+50.00	27.47	20.60	0.00	+20.60
103+50.00	103+54.98	0.00	0.00	0.00	+0.00
103+54.98	104+00.00	11.78	8.84	0.00	+8.84
104+00.00	104+50.00	41.27	30.96	0.00	+30.96
104+50.00	105+00.00	56.48	42.36	0.00	+42.36
105+00.00	105+50.00	57.45	43.09	0.00	+43.09
105+50.00	106+00.00	58.84	44.13	0.00	+44.13
106+00.00	106+50.00	56.67	42.50	0.00	+42.50
106+50.00	107+00.00	59.69	44.77	0.00	+44.77
107+00.00	107+50.00	67.71	50.78	0.00	+50.78
107+50.00	108+00.00	70.03	52.52	0.00	+52.52
108+00.00	108+50.00	65.35	49.01	0.00	+49.01
108+50.00	109+00.00	61.69	46.26	0.00	+46.26
109+00.00	109+50.00	60.61	45.46	0.00	+45.46
109+50.00	110+00.00	56.43	42.32	0.00	+42.32
110+00.00	110+50.00	66.30	49.72	0.00	+49.72
110+50.00	111+00.00	76.66	57.50	0.00	+57.50
111+00.00	111+50.00	69.01	51.76	0.00	+51.76
111+50.00	112+00.00	58.69	44.01	0.00	+44.01
112+00.00	112+50.00	43.23	32.42	0.00	+32.42
112+50.00	113+00.00	29.94	22.45	0.02	+22.43
113+00.00	113+50.00	15.75	11.81	3.93	+7.89
113+50.00	114+00.00	4.67	3.50	4.19	-00.69
114+00.00	114+50.00	4.92	3.69	4.48	-00.79
114+50.00	115+00.00	3.96	2.97	10.24	-07.27
115+00.00	115+50.00	3.76	2.82	8.19	-05.38
115+50.00	116+00.00	3.64	2.73	7.40	-04.67
116+00.00	116+50.00	3.95	2.97	11.82	-08.85
116+50.00	117+00.00	3.84	2.88	12.33	-09.45
117+00.00	117+50.00	3.26	2.45	17.94	-15.49
117+50.00	118+00.00	3.26	2.44	20.11	-17.66
118+00.00	118+50.00	3.53	2.65	12.79	-10.14
118+50.00	119+00.00	3.99	2.99	9.13	-06.14
119+00.00	119+50.00	4.70	3.52	6.51	-02.98
119+50.00	120+00.00	6.81	5.11	3.89	+1.22
120+00.00	120+50.00	7.13	5.35	4.23	+1.12
120+50.00	121+00.00	5.27	3.96	5.81	-01.86
121+00.00	121+50.00	5.04	3.78	5.45	-01.67
121+50.00	122+00.00	4.96	3.72	6.74	-03.02
122+00.00	122+50.00	4.75	3.57	8.58	-05.01
122+50.00	123+00.00	4.76	3.57	7.92	-04.35
123+00.00	123+50.00	4.15	3.11	6.07	-02.96
123+50.00	124+00.00	4.17	3.13	4.11	-00.98
124+00.00	124+50.00	4.42	3.31	3.93	-00.61
124+50.00	125+00.00	4.48	3.36	2.75	+0.61
125+00.00	125+50.00	3.99	2.99	16.75	-13.76
125+50.00	126+00.00	3.51	2.64	16.27	-13.63
126+00.00	126+50.00	3.72	2.79	2.01	+0.77
126+50.00	127+00.00	5.40	4.05	2.18	+1.88
127+00.00	127+50.00	7.33	5.50	0.48	+5.02
127+50.00	128+00.00	6.73	5.05	0.31	+4.74
128+00.00	128+50.00	4.97	3.73	1.49	+2.24
128+50.00	128+52.67	0.11	0.08	0.07	+0.01
SUBTOTAL		1344.32		228.10	



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DESIGNED	- ZE
DRAWN	- ZE
CHECKED	- EM
DATE	- AUGUST 2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EARTHWORK SCHEDULE

SCALE: NTS	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	18
CONTRACT NO. 85785				
		ILLINOIS	FED. AID PROJECT	

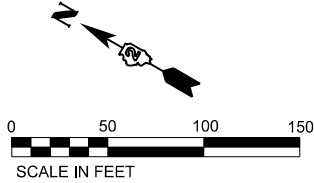
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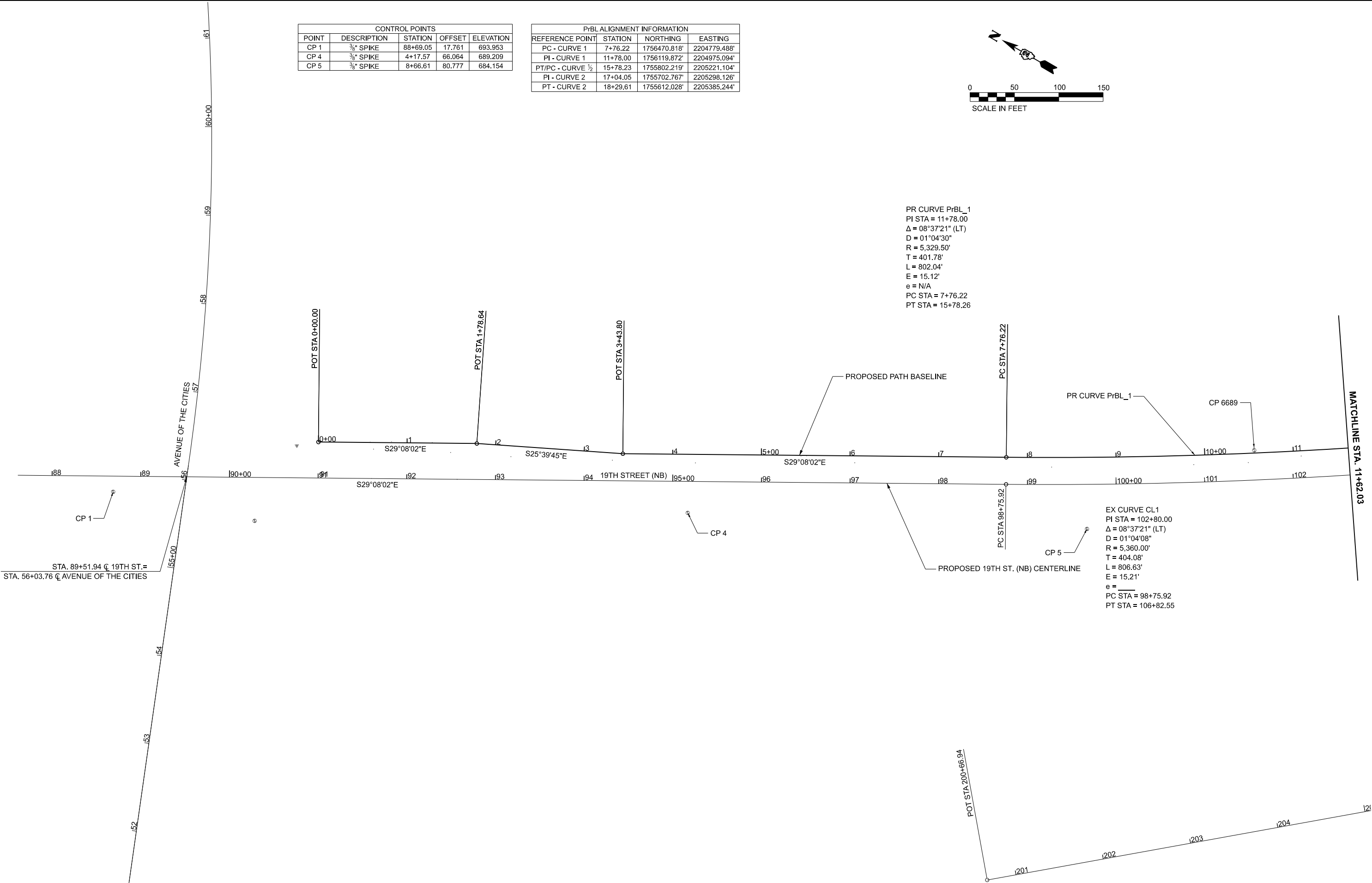
USER NAME = Eric Munday
DIRECTORY = L:\mday\1220\4369-00_RtrRflr\Tail\436900\Roadway\Sheets\Phase II\Sheet\...

CONTROL POINTS				
POINT	DESCRIPTION	STATION	OFFSET	ELEVATION
CP 1	3/8" SPIKE	88+69.05	17.761	693.953
CP 4	3/8" SPIKE	4+17.57	66.064	689.209
CP 5	3/8" SPIKE	8+66.61	80.777	684.154

PrBL ALIGNMENT INFORMATION			
REFERENCE POINT	STATION	NORTHING	EASTING
PC - CURVE 1	7+76.22	1756470.818'	2204779.488'
PI - CURVE 1	11+78.00	1756119.872'	2204975.094'
PT/PC - CURVE 1/2	15+78.23	1755802.219'	2205221.104'
PI - CURVE 2	17+04.05	1755702.767'	2205298.126'
PT - CURVE 2	18+29.61	1755612.028'	2205385.244'



PR CURVE PrBL_1
PI STA = 11+78.00
Δ = 08°37'21" (LT)
D = 01°04'30"
R = 5,329.50'
T = 401.78'
L = 802.04'
E = 15.12'
e = N/A
PC STA = 7+76.22
PT STA = 15+78.26



FILE NAME: = 436900-ATB.dgn
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DATE - AUGUST 2025

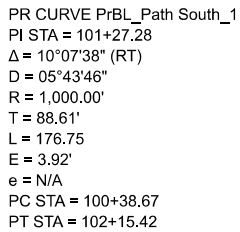
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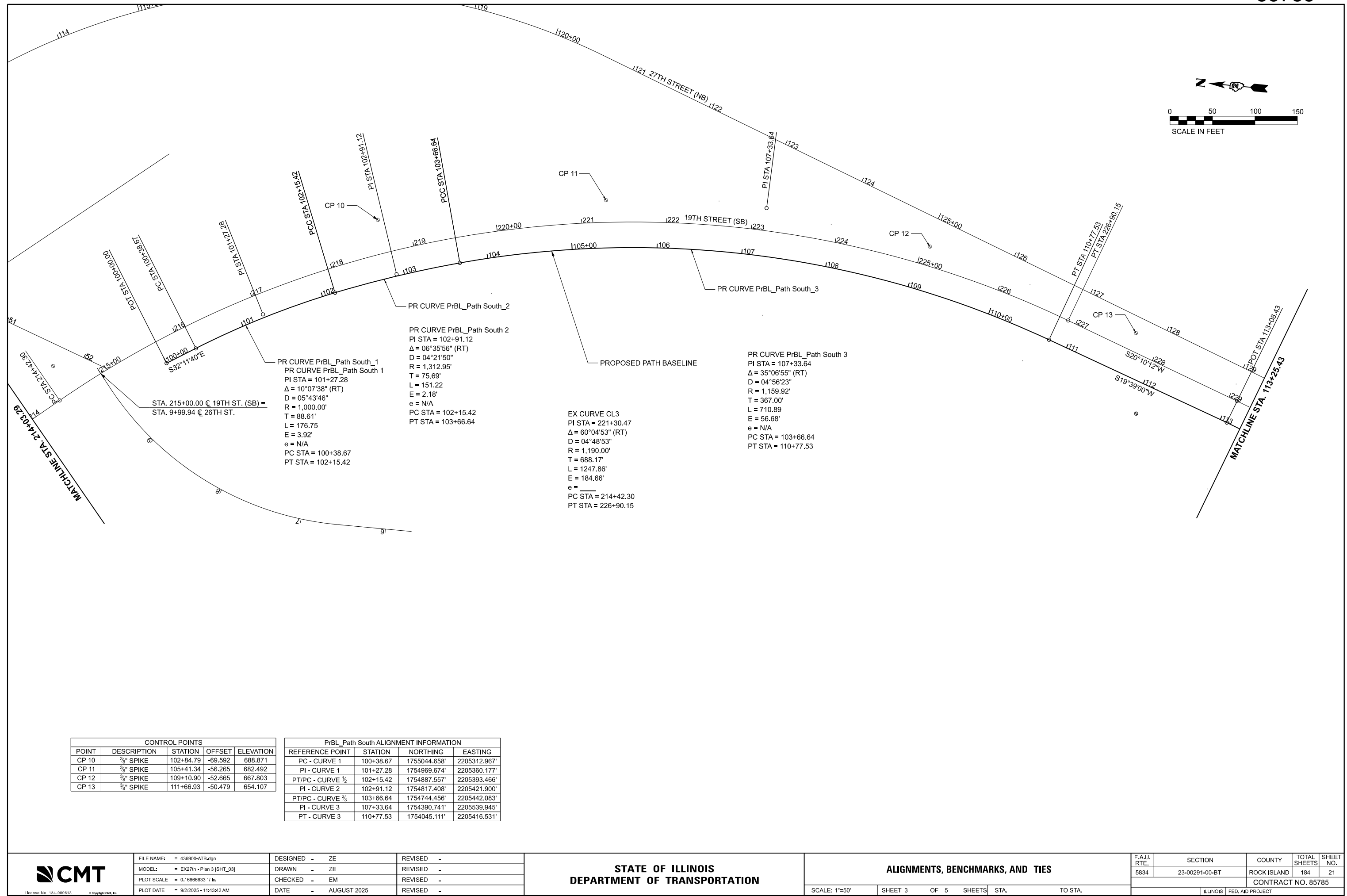
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, BENCHMARKS, AND TIES

SCALE: 1"=50' SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	19
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				





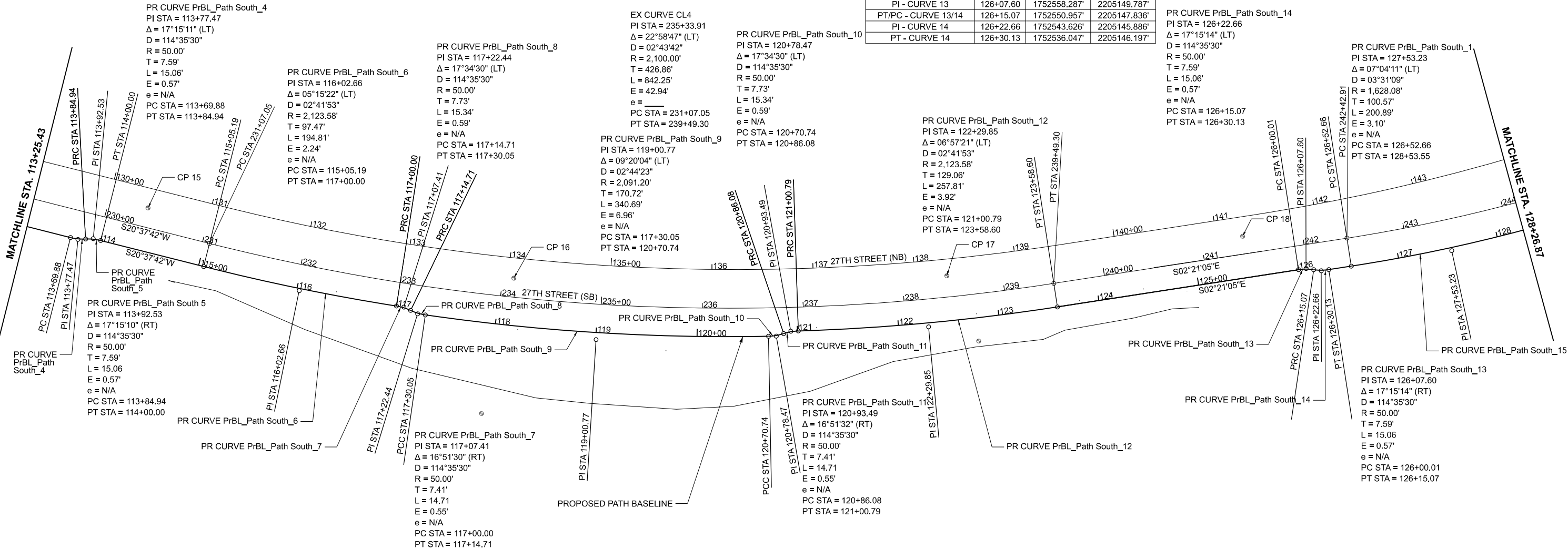
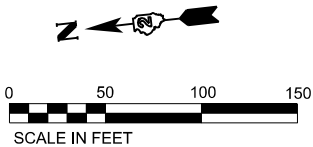
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PLOT DATE = 9/2/2025 (11:54:40 AM)

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DIRECTORY = L:\m\munday\220\4369-00_R\m\munday\Roadway\Sheets\Phase II\Sheet\...

CONTROL POINTS				
POINT	DESCRIPTION	STATION	OFFSET	ELEVATION
CP 15	3/8" SPIKE	114+37.03	-47.285	646.322
CP 16	3/8" SPIKE	118+12.99	-46.898	639.580
CP 17	3/8" SPIKE	122+52.21	-49.119	623.965
CP 18	3/8" SPIKE	125+50.06	-45.659	609.000

PrBL_Path South ALIGNMENT INFORMATION			
REFERENCE POINTS	STATION	NORTHING	EASTING
PC - CURVE 4	113+69.88	1753770.140'	2205317.233'
PI - CURVE 4	113+77.47	1753763.041'	2205314.561'
PT/PC - CURVE 4/5	113+84.94	1753755.469'	2205314.114'
PI - CURVE 5	113+92.53	1753747.897'	2205313.668'
PT - CURVE 5	114+00.00	1753740.798'	2205310.995'
PC - CURVE 6	115+05.19	1753642.351'	2205273.936'
PI - CURVE 6	116+02.66	1753551.126'	2205239.595'
PT/PC - CURVE 6/7	117+00.00	1753457.139'	2205213.756'
PI - CURVE 7	117+07.41	1753449.995'	2205211.792'
PT/PC - CURVE 7/8	117+14.71	1753443.727'	2205207.840'
PI - CURVE 8	117+22.44	1753437.189'	2205203.718'
PT/PC - CURVE 8/9	117+30.05	1753429.711'	2205201.762'
PI - CURVE 9	119+00.77	1753264.541'	2205158.568'
PT/PC - CURVE 9/10	120+70.74	1753094.552'	2205142.735'
PI - CURVE 10	120+78.47	1753086.856'	2205142.018'
PT/PC - CURVE 10/11	120+86.08	1753079.303'	2205143.659'
PI - CURVE 11	120+93.49	1753072.062'	2205145.232'
PT/PC - CURVE 11/12	121+00.79	1753064.677'	2205144.637'
PI - CURVE 12	122+29.85	1752936.031'	2205134.276'
PT - CURVE 12	123+58.60	1752807.077'	2205139.571'
PC - CURVE 13	126+00.01	1752565.867'	2205149.476'
PI - CURVE 13	126+07.60	1752558.287'	2205149.787'
PT/PC - CURVE 13/14	126+15.07	1752550.957'	2205147.836'
PI - CURVE 14	126+22.66	1752543.626'	2205145.886'
PT - CURVE 14	126+30.13	1752536.047'	2205146.197'



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, BENCHMARKS, AND TIES

SCALE: 1"=50' SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	22
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				



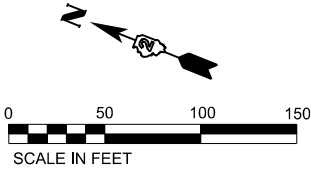
License No. 184-00613 Copyright © CMT, Inc.

FILE NAME: = 436900-ATB.dgn	DESIGNED - ZE	REVISED -
MODEL: = EX27th - Plan 4 (SHT_04)	DRAWN - ZE	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - EM	REVISED -
PLOT DATE = 9/2/2025 11:43:43 AM	DATE - AUGUST 2025	REVISED -

PLOT DRIVER = c:\p\layers\swa\atb.dgn
PEN TABLE = 436900_ATB.TBL

PLOT SCALE = 0.16666633' / 1" = 9/2/2025 (11:54 AM)

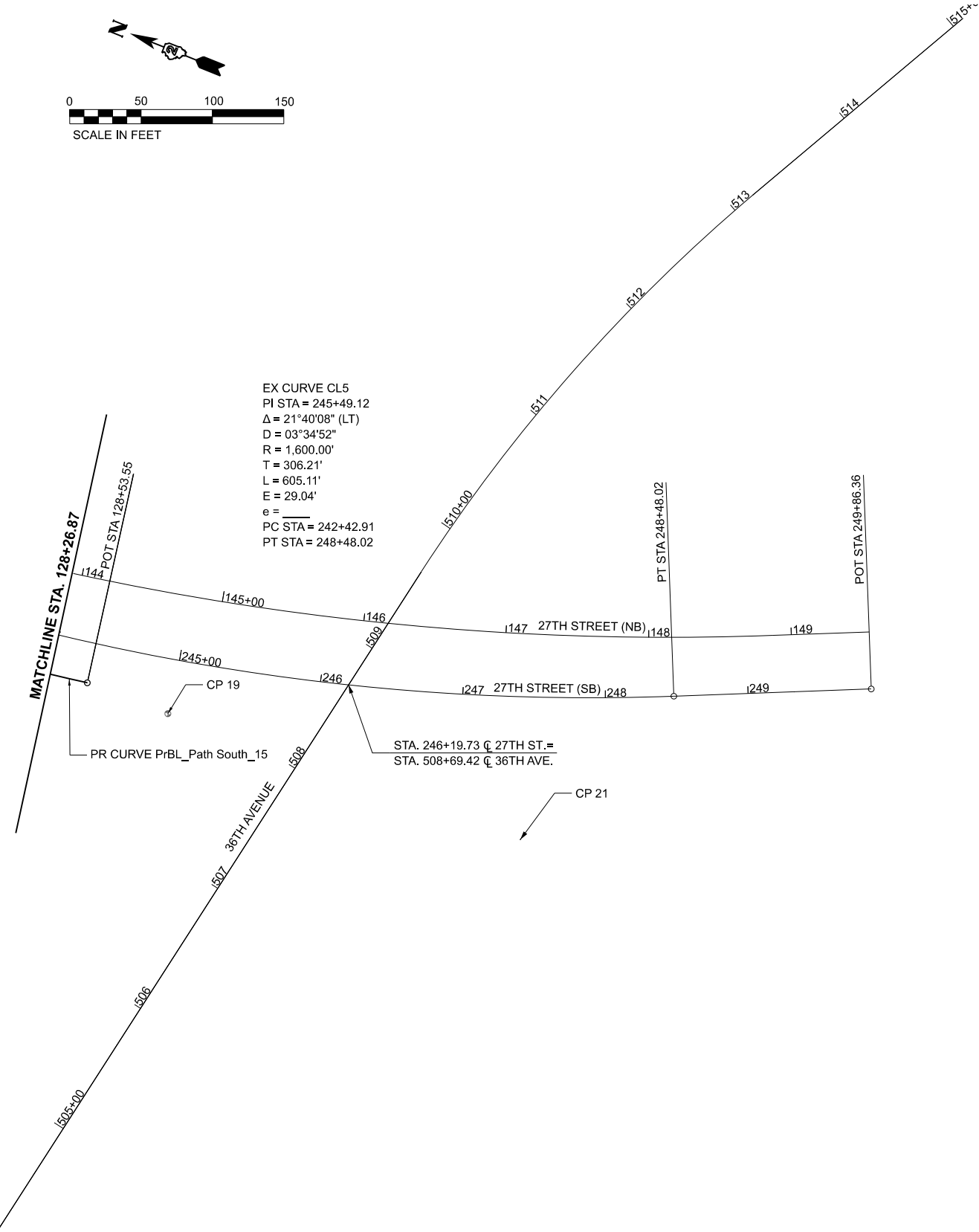
USER NAME = E:\M\m\l\220\4369-00_Plan\PrBl\Trail\436900\Roadway\Sheets\Phase II\Sheet\...
DIRECTOR = L:\m\l\220\4369-00_Plan\PrBl\Trail\436900\Roadway\Sheets\Phase II\Sheet\...



CONTROL POINTS				
POINT	DESCRIPTION	STATION	OFFSET	ELEVATION
CP 19	3/8" SPIKE	244+98.69	38.062	596.307
CP 21	3/8" SPIKE	247+43.31	100.071	589.435

PrBL_Path South ALIGNMENT INFORMATION			
REFERENCE POINT	STATION	NORTHING	EASTING
PC - CURVE 15	126+52.66	1752513.529'	2205147.121'
PI - CURVE 15	127+53.23	1752413.043'	2205151.248'
PT - CURVE 15	128+53.55	1752313.828'	2205167.710'

EX CURVE CL5
PI STA = 245+49.12
Δ = 21°40'08" (LT)
D = 03°34'52"
R = 1,600.00'
T = 306.21'
L = 605.11'
E = 29.04'
e = _____
PC STA = 242+42.91
PT STA = 248+48.02



STA. 246+19.73 @ 27TH ST. =
STA. 508+69.42 @ 36TH AVE.



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FILE NAME:	= 436900-ATB.dgn	DESIGNED -	ZE	REVISED -	
MODEL:	= EX27th - Plan 5 (SHT_05)	DRAWN -	ZE	REVISED -	
PLOT SCALE:	= 0.16666633' / 1"	CHECKED -	EM	REVISED -	
PLOT DATE:	= 9/2/2025 - 11:43:44 AM	DATE -	AUGUST 2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, BENCHMARKS, AND TIES

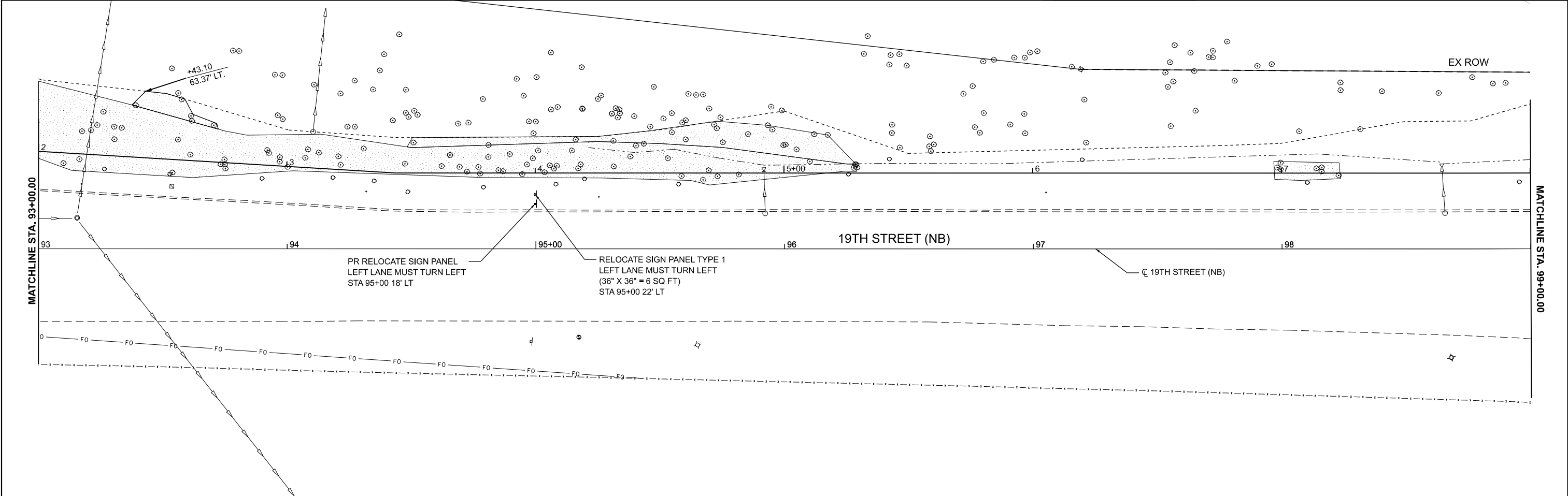
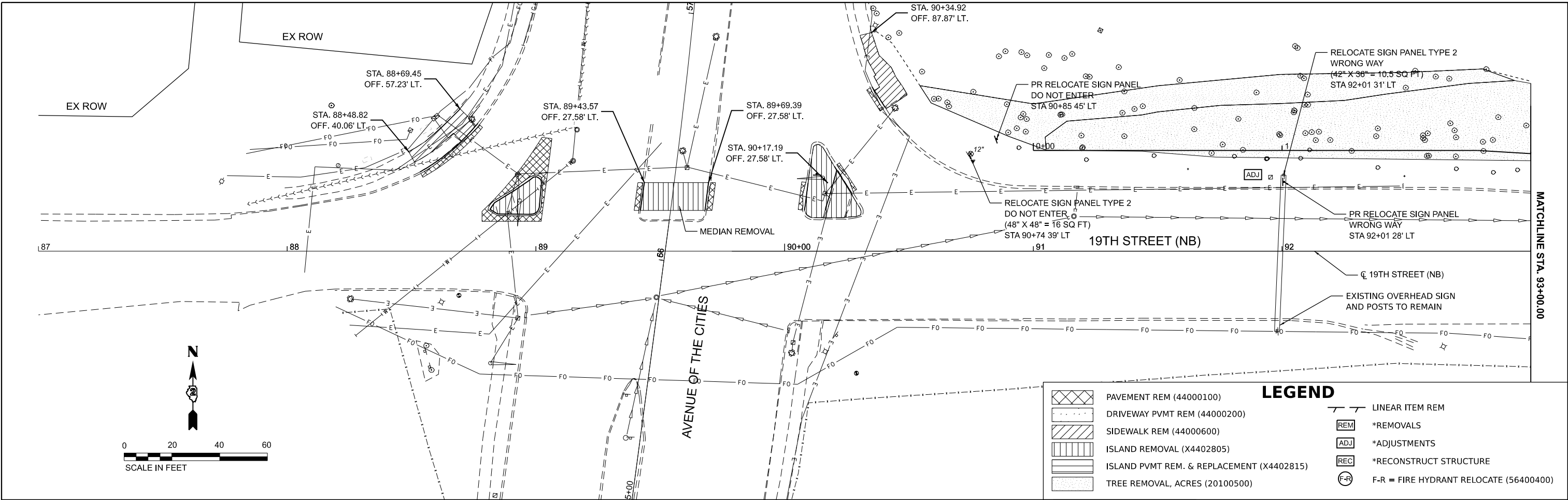
SCALE: 1"=50' SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	23
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER = HPGLAYERSHW.plt
PEN TABLE = 436900_Removal.tbl

PLOT SCALE = 1"=20'
PLOT DATE = 9/2/2025

USER NAME =
DIRECTORY =



FILE NAME: = 436900_SHT_Removals.dgn
MODEL: = EX19thNB - 19th St [SHT_01]
PLOT SCALE = 0.16666633 1/In
PLOT DATE = 9/2/2025 - 11:43:52 AM

DESIGNED - ZE
DRAWN - ZE
CHECKED - EM
DATE - AUGUST 2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS
19TH STREET NORTHBOUND

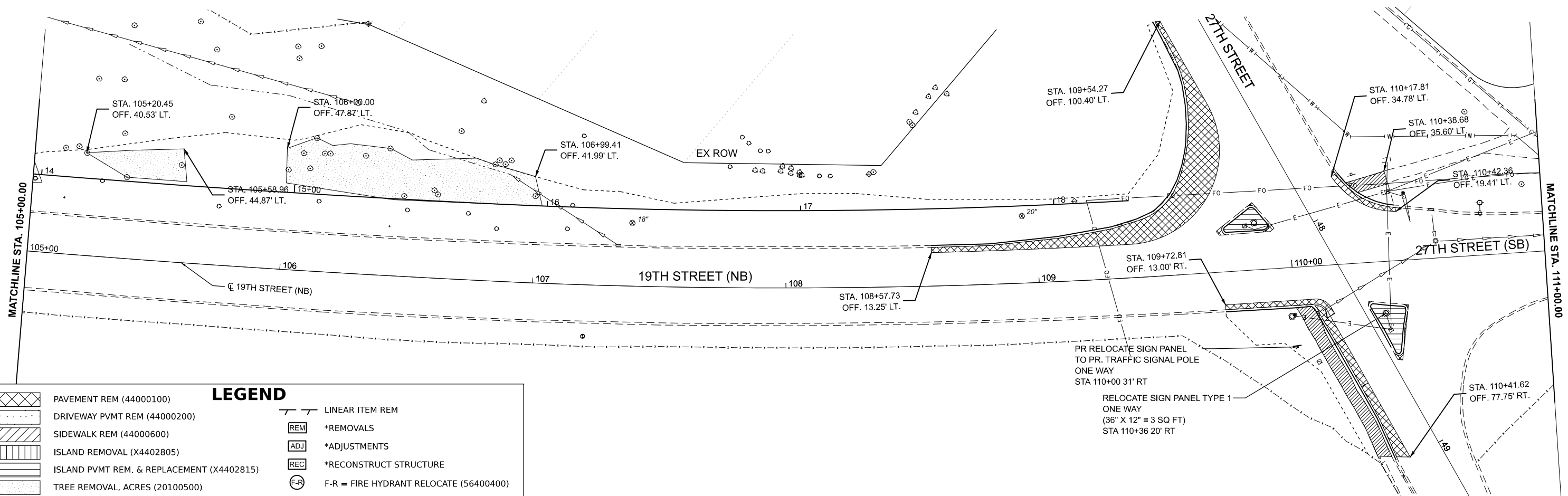
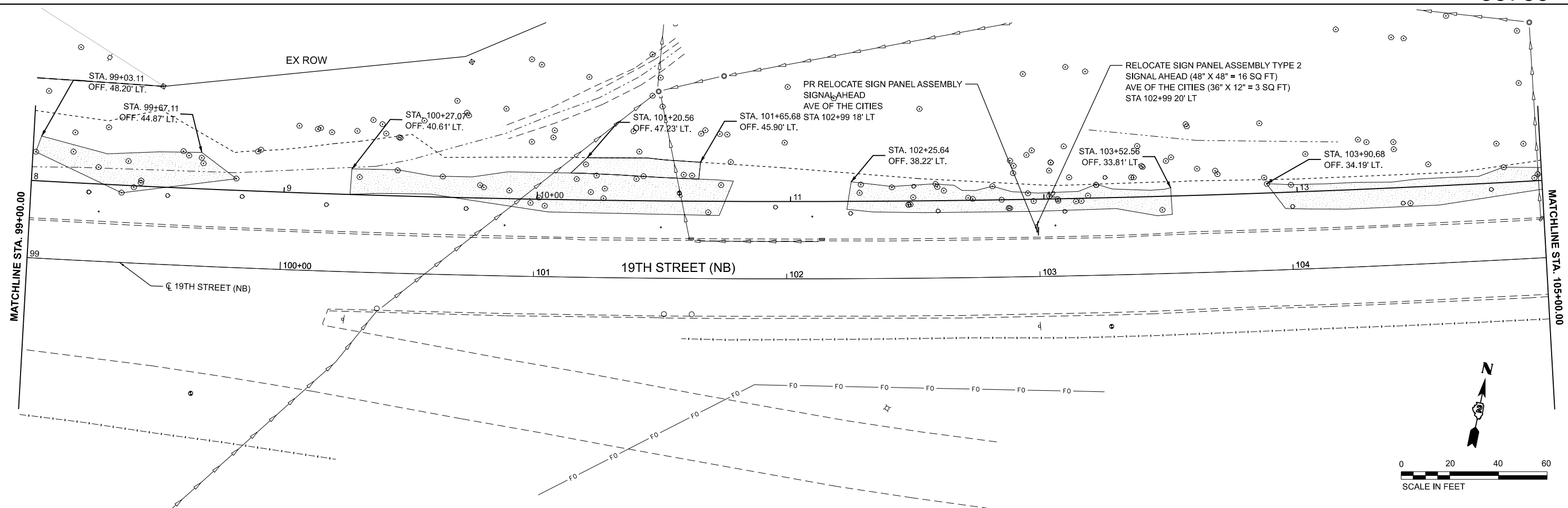
SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 0+87.00 TO STA. 0+99.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	24
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER = rplnplatershwtbl
PEN TABLE = 436900_Remove.tbl

PLOT SCALE = 1"=20'
PLOT DATE = 9/2/2025

USER NAME =
DIRECTORY =



PAVEMENT REM (44000100)

DRIVEWAY PVMT REM (44000200)

SIDEWALK REM (44000600)

ISLAND REMOVAL (X4402805)

ISLAND PVMT REM. & REPLACEMENT (X4402815)

TREE REMOVAL, ACRES (20100500)

LEGEND

LINEAR ITEM REM

REM

*REMOVALS

ADJ

*ADJUSTMENTS

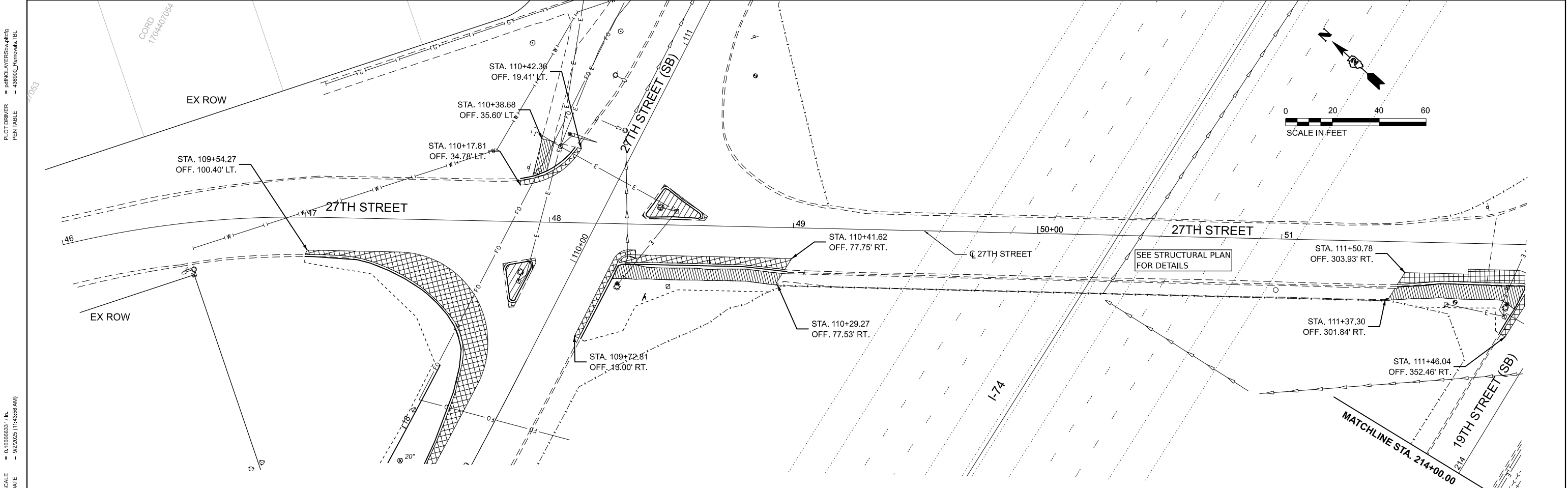
REC

*RECONSTRUCT STRUCTURE

F-R

F-R = FIRE HYDRANT RELOCATE (56400400)

 License No. 184-00613 © Copyright CMT, Inc.	FILE NAME: = 436900_SHT_Removes.dgn	DESIGNED - ZE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLANS 19TH STREET NORTHBOUND			F.A.U. RTE. 5834	SECTION 23-00291-00-BT	COUNTY ROCK ISLAND	TOTAL SHEETS 184	SHEET NO. 25
	MODEL: = EX19thNB - 19th St-2 (SHT_02)	DRAWN - ZE	REVISED -									
	PLOT SCALE = 0.16666633"/ft	CHECKED - EM	REVISED -									
	PLOT DATE = 9/2/2025 - 11:43:54 AM	DATE - AUGUST 2025	REVISED -									
					SCALE: 1"=20'	SHEET 2	OF 6 SHEETS	STA. 0+99.00	TO STA. 1+11.00	ILLINOIS FED. AID PROJECT		



PAVEMENT REM (44000100)

DRIVEWAY PVMT REM (44000200)

SIDEWALK REM (44000600)

ISLAND REMOVAL (X4402805)

ISLAND PVMT REM. & REPLACEMENT (X4402815)

TREE REMOVAL, ACRES (20100500)

LEGEND

— — LINEAR ITEM REM

REM

*REMOVALS

ADJ

*ADJUSTMENTS

REC

*RECONSTRUCT STRUCTURE

F-R

F-R = FIRE HYDRANT RELOCATE (56400400)

PLOT DRIVER = \\PLOT\LAYERS\welling

PEN TABLE = 436900_Remove.tbl

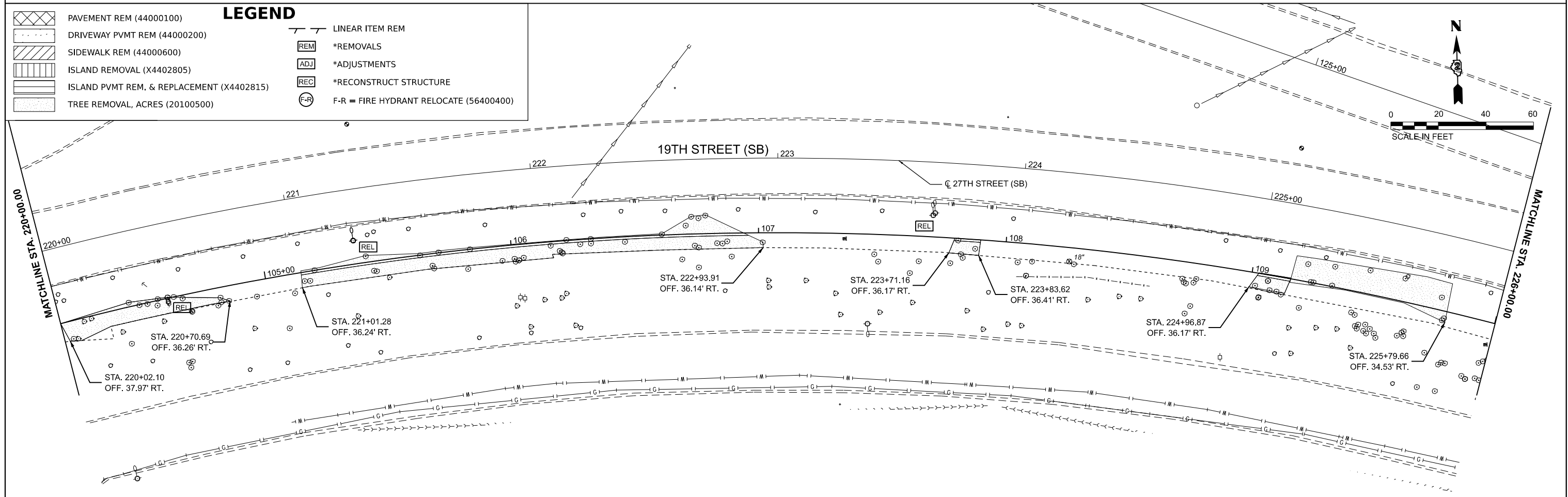
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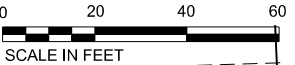
USER NAME = Emily Munday

DIRECTORY = L:\Main\1220\4369-00_RiverRte\Trail\436900\Roadway\Sheets\Phase II\Sheet85785.dgn

CMT License No. 184-000613 © Copyright CMT, Inc.	FILE NAME: = 436900_SHT_Removes.dgn				DESIGNED - ZE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLANS 27TH STREET BRIDGE				F.A.U. RTE. 5834	SECTION 23-00291-00-BT	COUNTY ROCK ISLAND	TOTAL SHEETS 184	SHEET NO. 26	
	MODEL: = 27thSt - 19th St-4 (SHT_03)				DRAWN - ZE	REVISED -		SCALE: 1"=20'				SHEET 3 OF 6 SHEETS				CONTRACT NO. 85785	
	PLOT SCALE = 0.16666633' / In.				CHECKED - EM	REVISED -		STA. 0+46.00 TO STA. 0+52.00				ILLINOIS FED. AID PROJECT					
	PLOT DATE = 9/2/2025 - 11:43:56 AM				DATE - AUGUST 2025	REVISED -											



FILE NAME: = 436990_SHT_Removals.dgn	DESIGNED - ZE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLANS 19TH STREET SOUTHBOUND				F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MODEL: = EX27th - 27th st [SHT_04]	DRAWN - ZE	REVISED -						5834	23-00291-00-BT	ROCK ISLAND	184	27
PLOT SCALE = 0.16666633 "/in.	CHECKED - EM	REVISED -		CONTRACT NO. 85785								
PLOT DATE = 9/2/2025 - 11:43:58 AM	DATE - AUGUST 2025	REVISED -		SCALE: 1"=20'	SHEET 4	OF 6 SHEETS	STA. 2+14.00	TO STA. 2+26.00	ILLINOIS		FED. AID PROJECT	



LEGEND

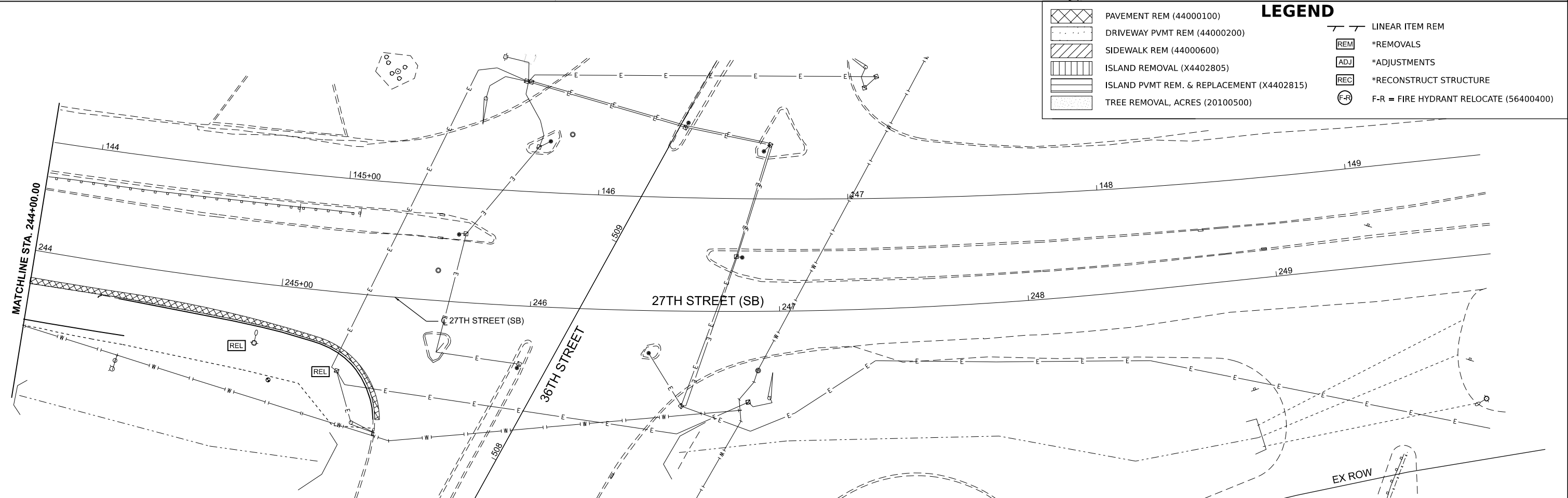
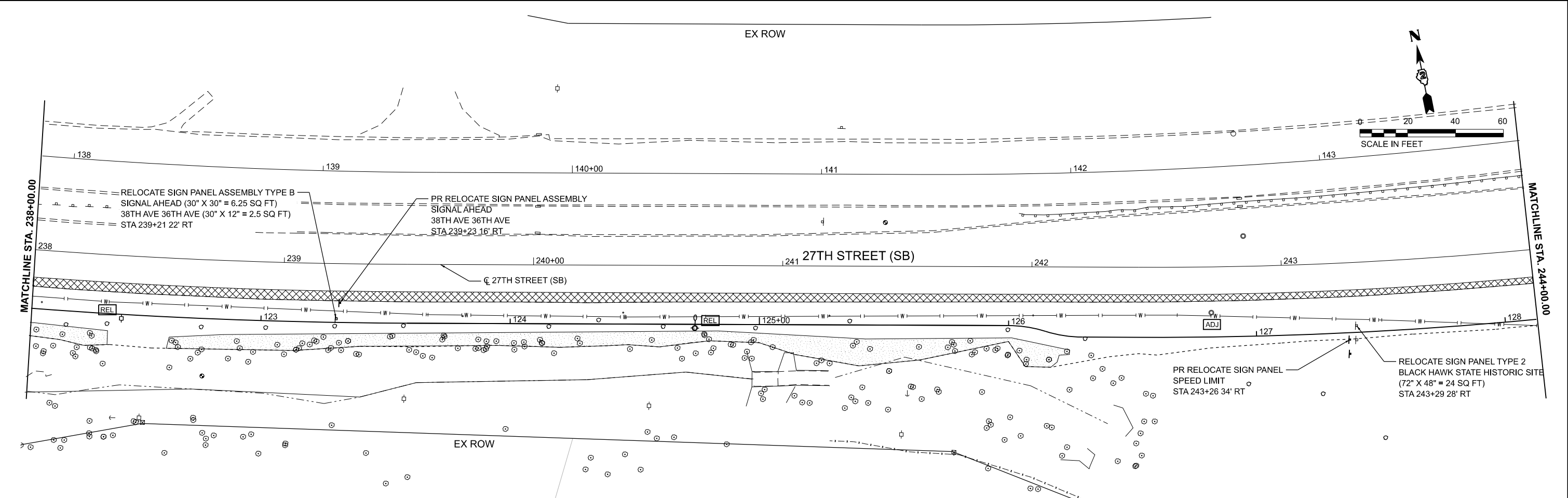


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	28
		CONTRACT NO. 85785		
ILLINOIS		FED. AID PROJECT		

PLOT DRIVER = \\p01\layers\shw\p01.dwg
PEN TABLE = 436900_Remove.tbl

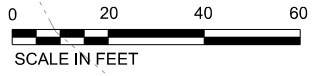
PLOT SCALE = 1"=20'
PLOT DATE = 9/2/2025

USER NAME =
DIRECTORY =



LEGEND	
	PAVEMENT REM (44000100)
	DRIVEWAY PVMT REM (44000200)
	SIDEWALK REM (44000600)
	ISLAND REMOVAL (X4402805)
	ISLAND PVMT REM. & REPLACEMENT (X4402815)
	TREE REMOVAL, ACRES (20100500)
	LINEAR ITEM REM
	*REMOVALS
	*ADJUSTMENTS
	*RECONSTRUCT STRUCTURE
	F-R = FIRE HYDRANT RELOCATE (56400400)

 License No. 184-000613 © Copyright CMT, Inc.	FILE NAME: = 436900_SHT_Removals.dgn	DESIGNED - ZE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL PLANS 27TH STREET SOUTHBOUND						F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	MODEL: = EX27th - 27th st-4 (SHT_06)	DRAWN - ZE	REVISED -			5834	23-00291-00-BT	ROCK ISLAND	184	29					
	PLOT SCALE = 0.16666633 1/In	CHECKED - EM	REVISED -			CONTRACT NO. 85785									
	PLOT DATE = 9/2/2025 - 11:44:03 AM	DATE - AUGUST 2025	REVISED -												
	SCALE: 1"=20'		SHEET 6			OF 6	SHEETS	STA. 2+38.00	TO STA. 2+50.00		ILLINOIS FED. AID PROJECT				



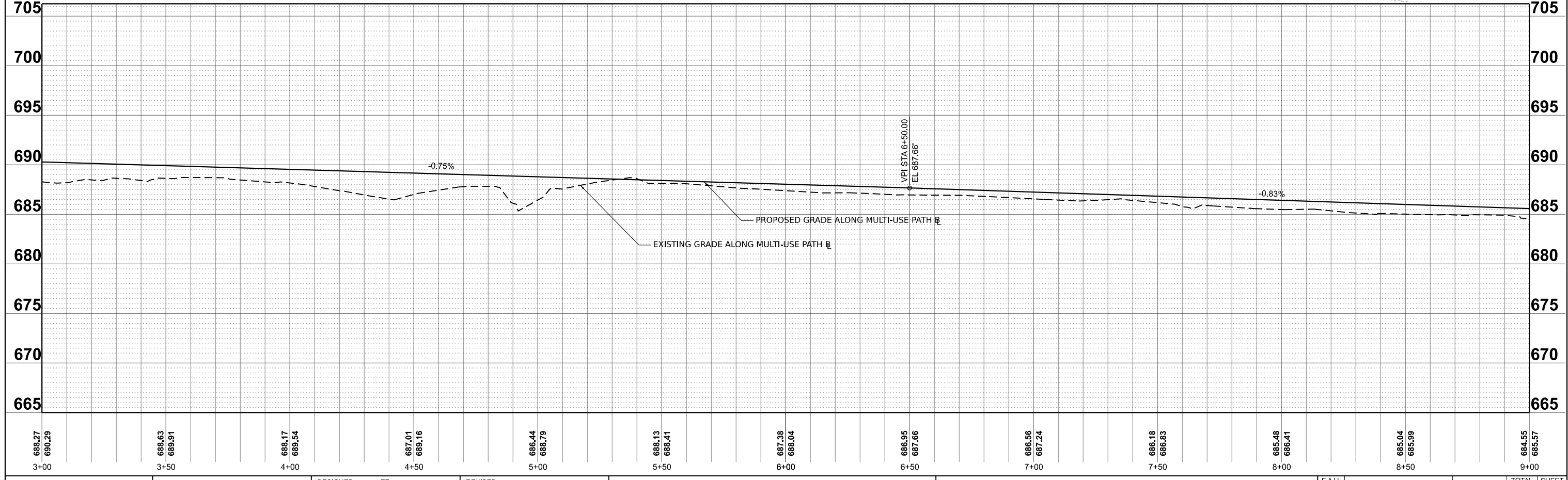
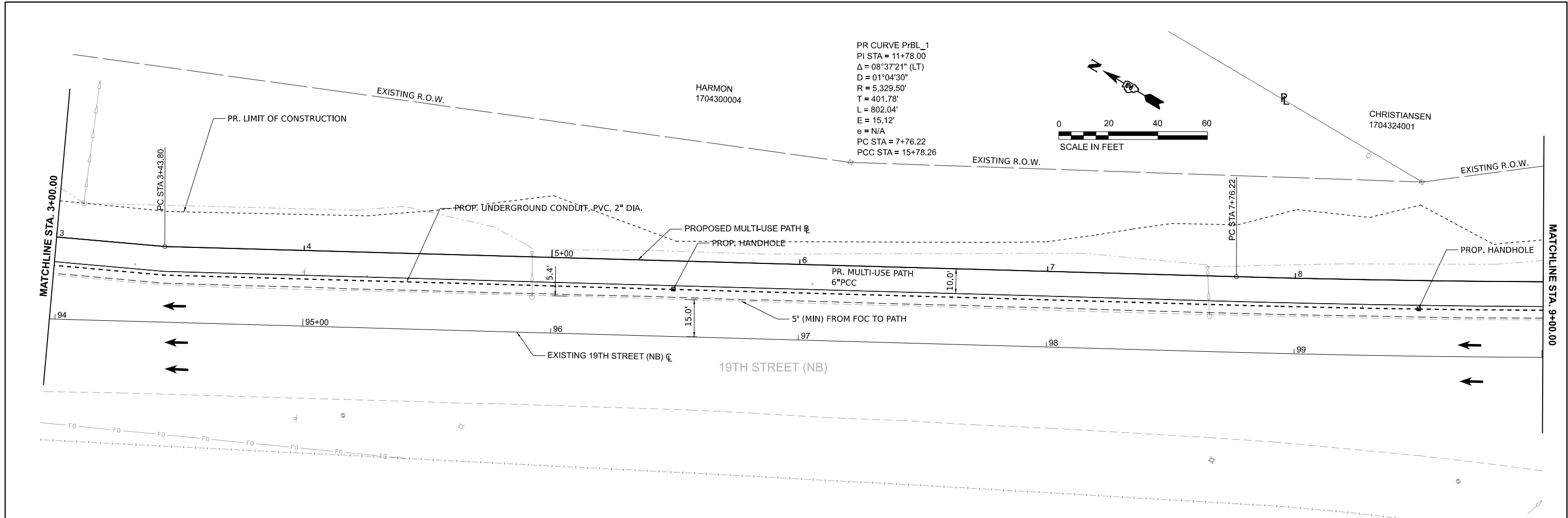
 License No. 184-000613 © Copyright CMT, Inc.	FILE NAME: = 436900-SHT-Pn-PnPhase II.dgn	DESIGNED - ZE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE 19TH STREET NORTHBOUND					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	MODEL: = PrBL_PathNorth - Plan 1 [Sheet]	DRAWN - ZE	REVISED -							5834	23-00291-00-BT	ROCK ISLAND	184	30
	PLOT SCALE = 0.16666633 ' / In.	CHECKED - EM	REVISED -		CONTRACT NO. 85785									
	PLOT DATE = 9/2/2025 + 11:44:14 AM	DATE - AUGUST 2025	REVISED -		SCALE: 1"=20'	SHEET 1	OF 11	SHEETS	STA. 0+00.00	TO STA. 3+00.00	ILLINOIS FED. AID PROJECT			

PLOT DRIVER = \\p01\layers\ssw\chd\g
PEN TABLE = 43890_PNP.TBL

PLOT SCALE = 0.16666633' / In.
PLOT DATE = 9/2/2025 (11:41:16 AM)

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DIRECTOR = L:\minal\2204399-00_RiverRtr\Trail-43600\Roadway\Sheets\Phase II\Sheet2

USER NAME =
DIRECTOR =

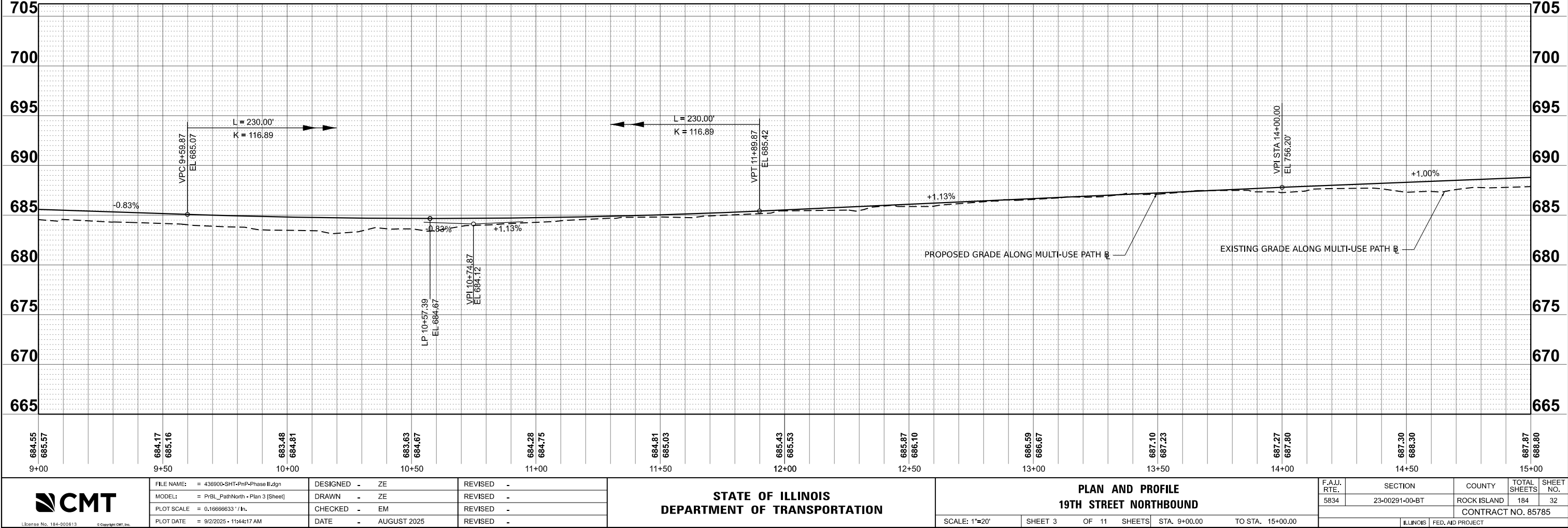
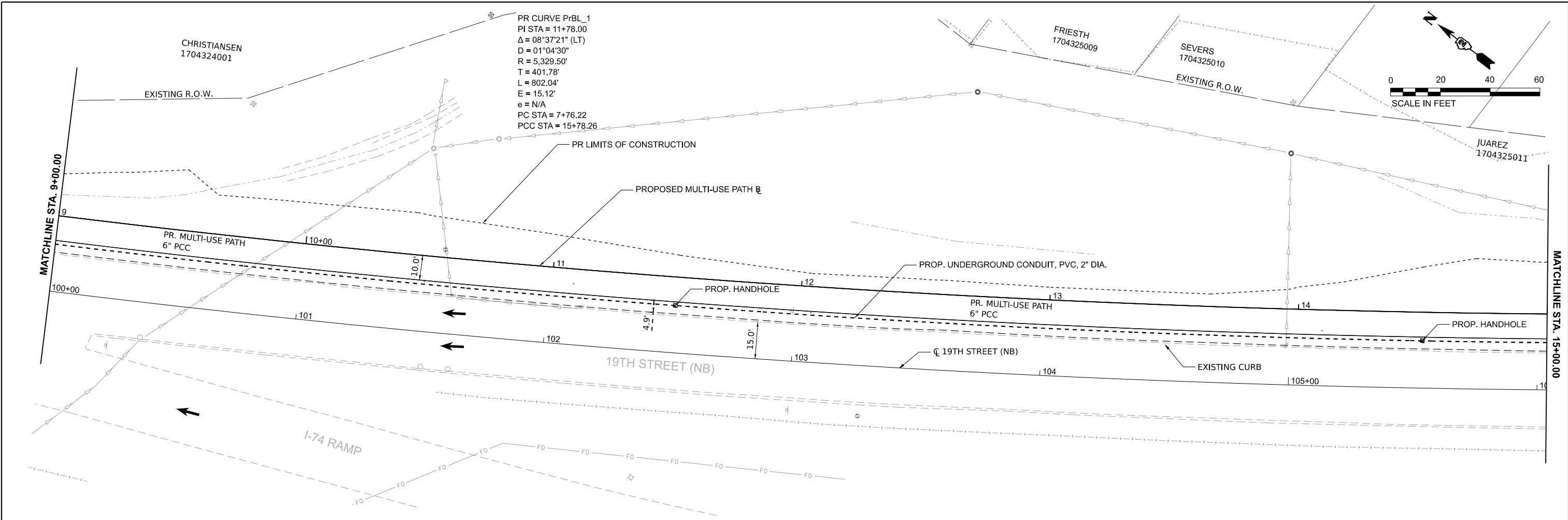


 License No. 184-900613 © Copyright CMT, Inc.				FILE NAME: = 438900-SHT-PnP-Phase II.dgn MODEL: = PrBL_PathNorth - Plan 2 [Sheet] PLOT SCALE = 0.16666633' / In. PLOT DATE = 9/2/2025 - 11:44:16 AM				DESIGNED - ZE DRAWN - ZE CHECKED - EM DATE - AUGUST 2025				REVISED - REVISED - REVISED - REVISED -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PLAN AND PROFILE 19TH STREET NORTHBOUND				SCALE: 1"=20' SHEET 2 OF 11 SHEETS STA. 3+00.00 TO STA. 9+00.00				F.A.U. RTE. 5834 SECTION 23-00291-00-BT COUNTY ROCK ISLAND TOTAL SHEETS 184 SHEET NO. 31 CONTRACT NO. 85785				ILLINOIS FED. AID PROJECT			
---	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	---	--	--	--	---	--	--	--	---------------------------	--	--	--

PLOT DRIVER = c:\p\layers\swi\pltdlg
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PLOT SCALE = 0.16666633' / In.
PLOT DATE = 9/2/2025 (11:44:17 AM)

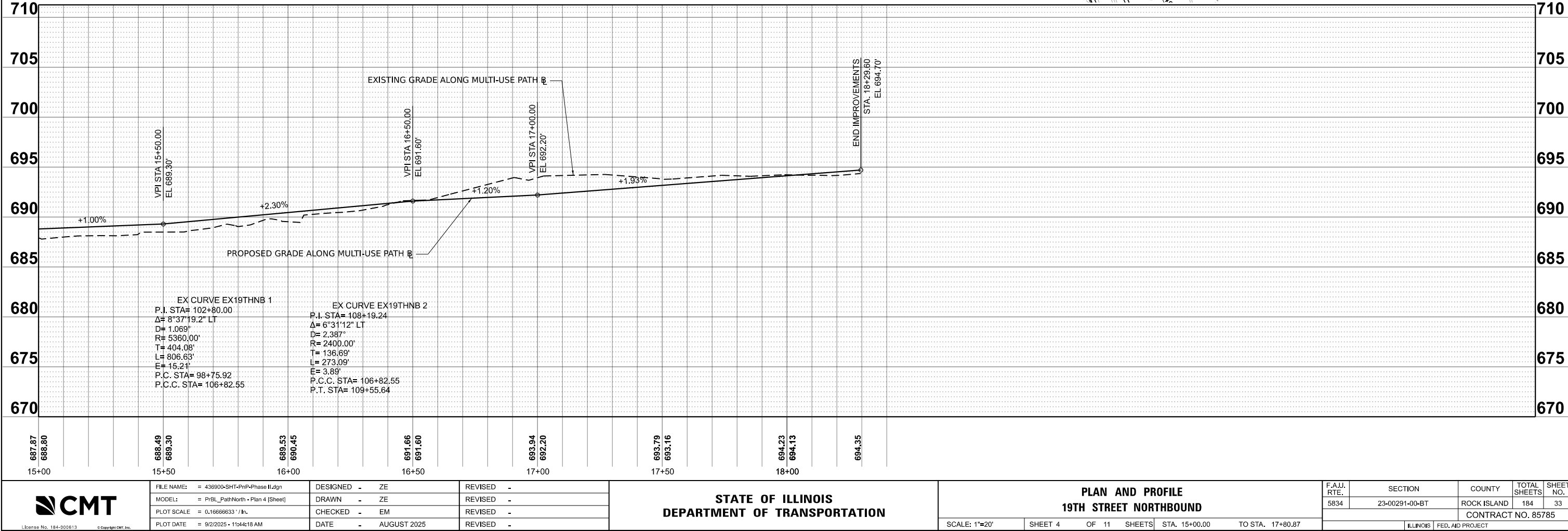
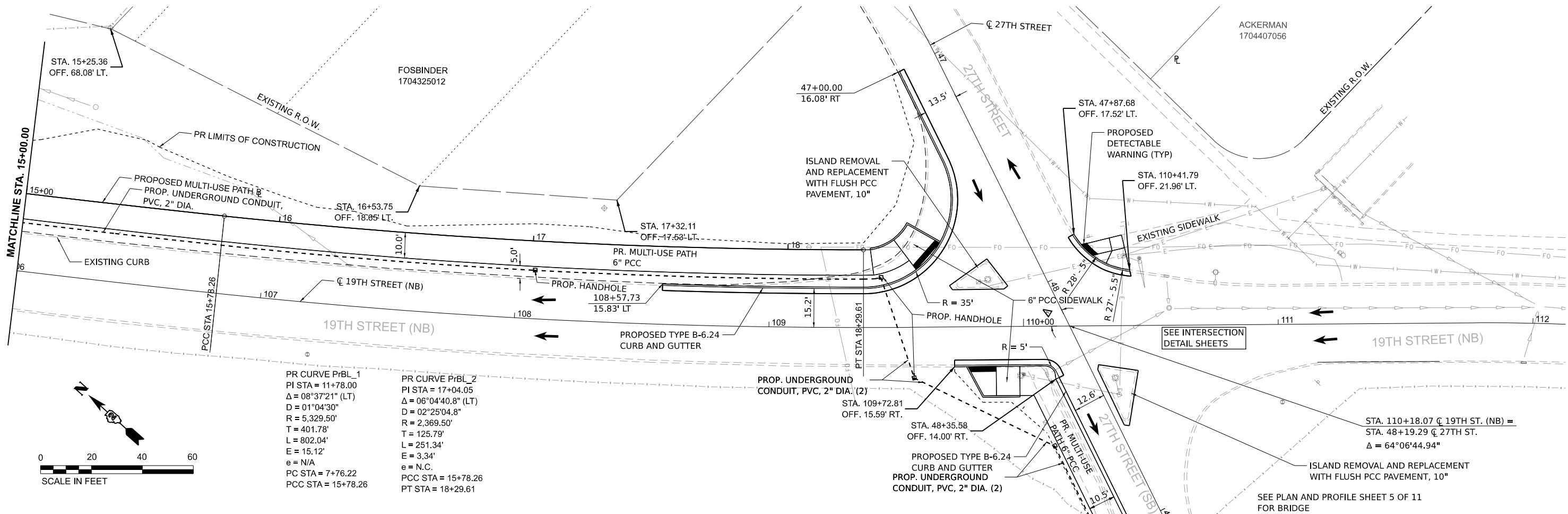
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DIRECTOR = L:\minal\2204359-00_RiverRte\Trail-436900\Roadway\Sheets\Phase II\Sheet85785.dgn



PLOT DRIVER = c:\p\layers\dwg\pltdrv
PEN TABLE = 436900_PNP.tbl

PLOT SCALE = 0.16666633' / In.
PLOT DATE = 9/2/2025 (11:44:18 AM)

USER NAME = Emily_Munday
DIRECTOR = L:\minal\2204359-00_RiverRtr\Rail-436900\Roadway\Sheets\Phase II\Sheet04.dgn



FILE NAME:	= 436900-SHT-PNP-Phase II.dgn	DESIGNED -	ZE	REVISED -	
MODEL:	= PrBL_PathNorth - Plan 4 [Sheet]	DRAWN -	ZE	REVISED -	
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PLOT DATE:	= 9/2/2025 - 11:44:18 AM	DATE -	AUGUST 2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
19TH STREET NORTHBOUND

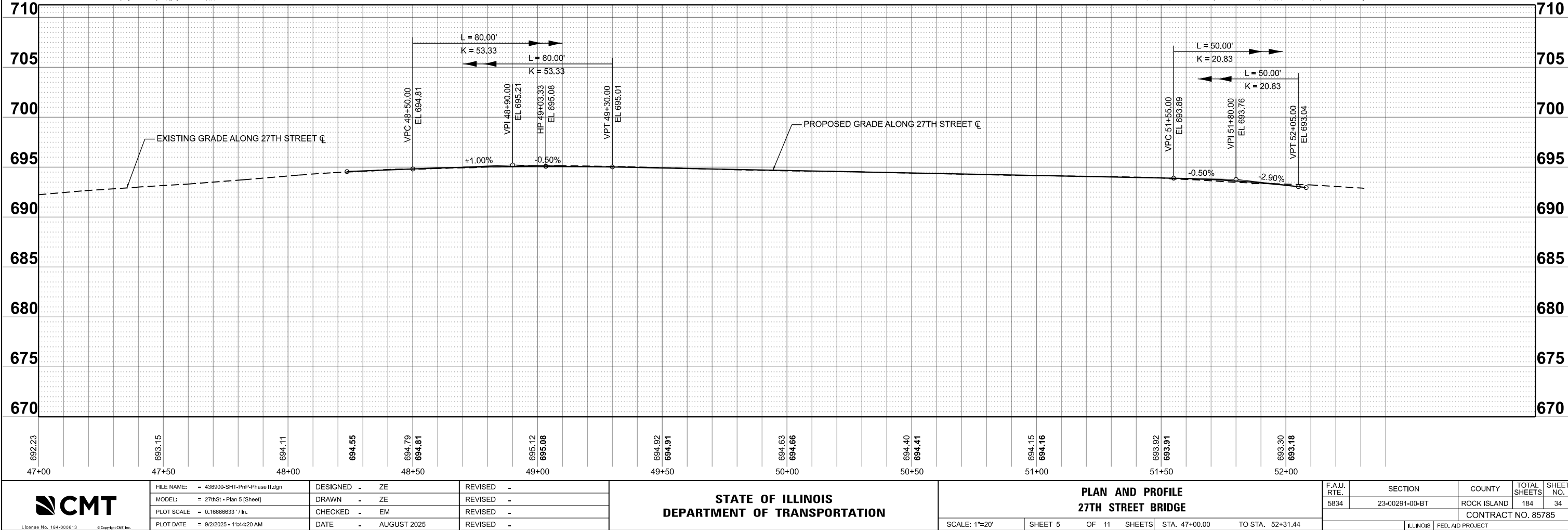
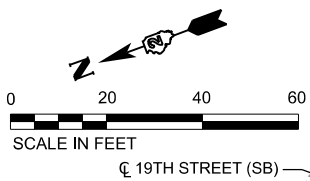
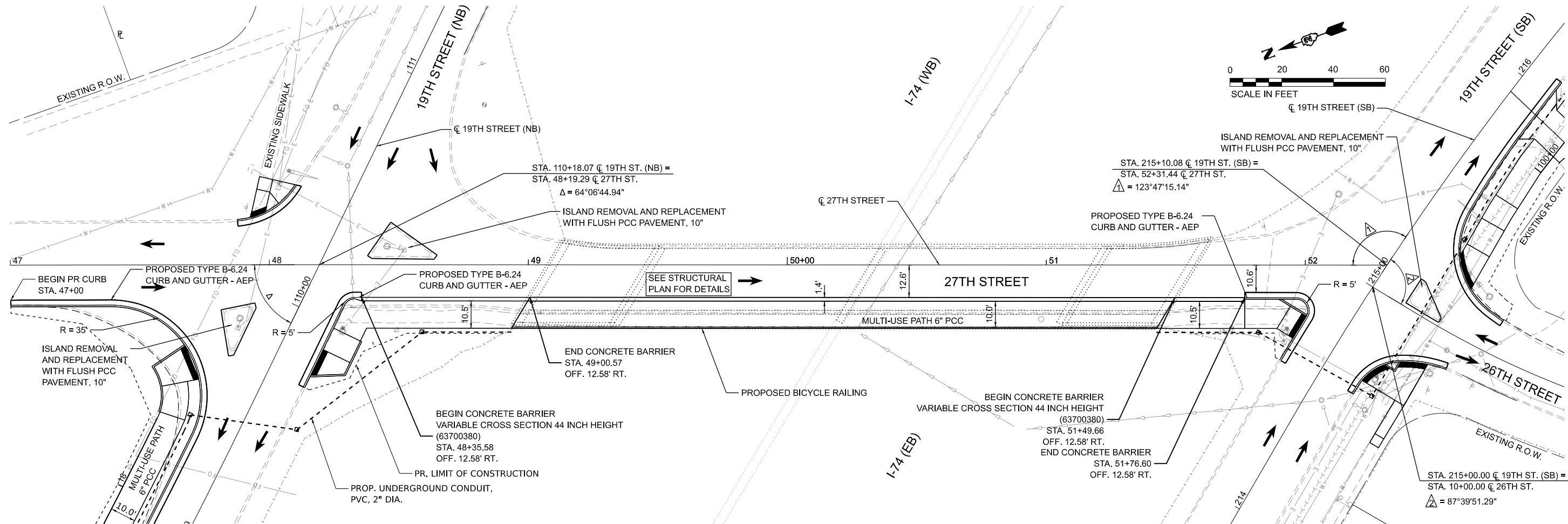
SCALE: 1"=20' SHEET 4 OF 11 SHEETS STA. 15+00.00 TO STA. 17+80.87

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	33
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER = c:\p\layers\swi\pltdlg
PEN TABLE = 43690_L_Pen.tbl

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PLOT DATE = 9/2/2025 (11:42:20 AM)

USER NAME = Emily_Munday
DIRECTOR = L:\minal\2204359400_RiverRtr\Trail\43690\Roadway\Sheets\Phase II\Sheet85785.dgn



FILE NAME:	= 436900-SHT-PnP-Phase II.dgn	DESIGNED -	ZE	REVISED -	
MODEL:	= 27thSt - Plan 5 [Sheet]	DRAWN -	ZE	REVISED -	
PLOT SCALE:	= 0.16666633' / In.	CHECKED -	EM	REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

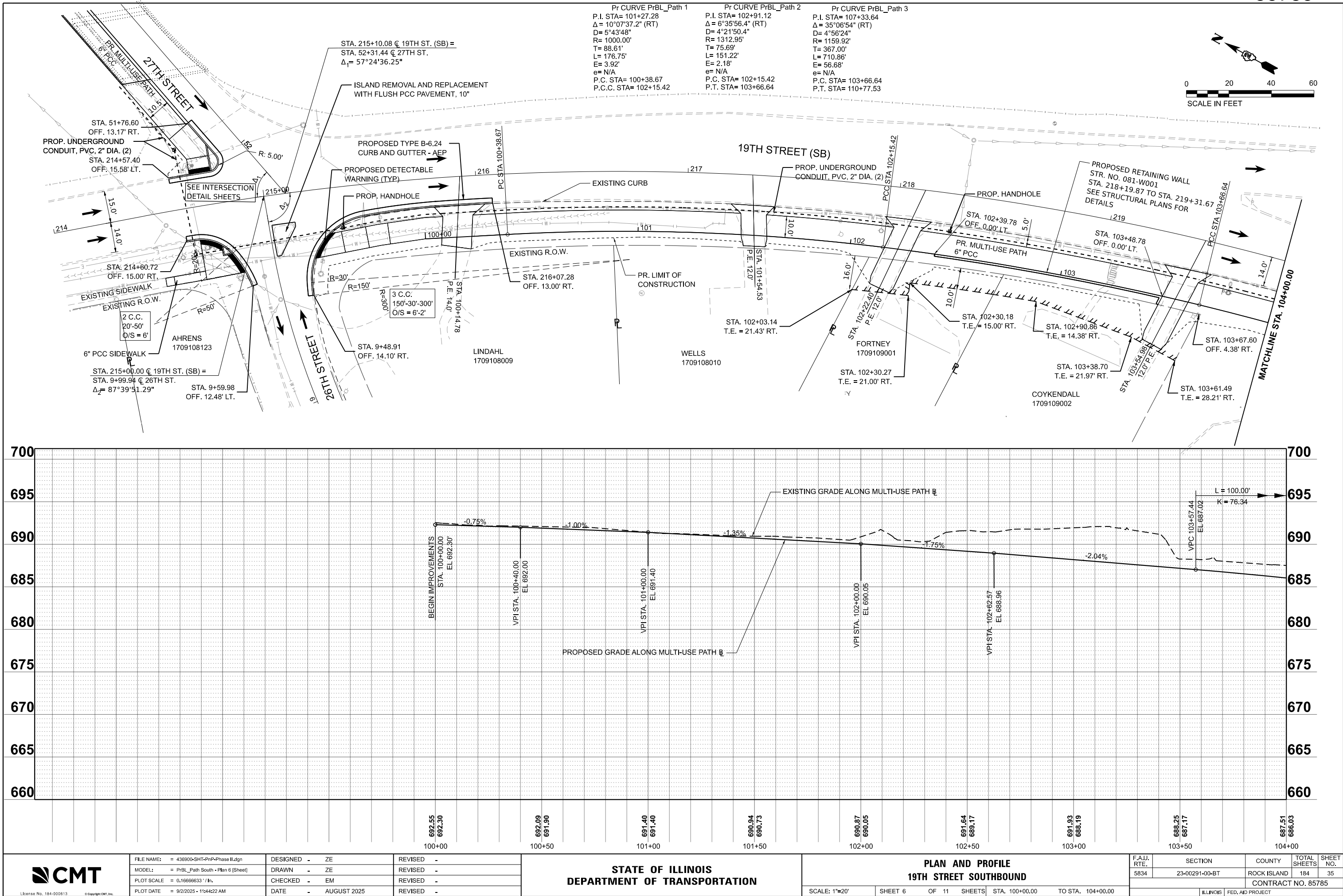
PLAN AND PROFILE 27TH STREET BRIDGE			
SCALE: 1"=20'	SHEET 5	OF 11 SHEETS	STA. 47+00.00 TO STA. 52+31.44

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	34
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER = \\p01layers\ssw\cpldfig
PEN TABLE = 436900_PNP.tbl

PLOT SCALE = 0.16666633' / In.
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DIRECTOR = L:\minal\2203\4369-00_Plan\Plan\Trail\436900\Roadway\Sheets\Phase II\Sheet6.dgn



FILE NAME: = 436900-SHT-PNP-Phase II.dgn
MODEL: = PrBL_Path South - Plan 6 [Sheet]
PLOT SCALE = 0.16666633' / In.
PLOT DATE = 9/2/2025 - 11:44:22 AM

DESIGNED - ZE
DRAWN - ZE
CHECKED - EM
DATE - AUGUST 2025

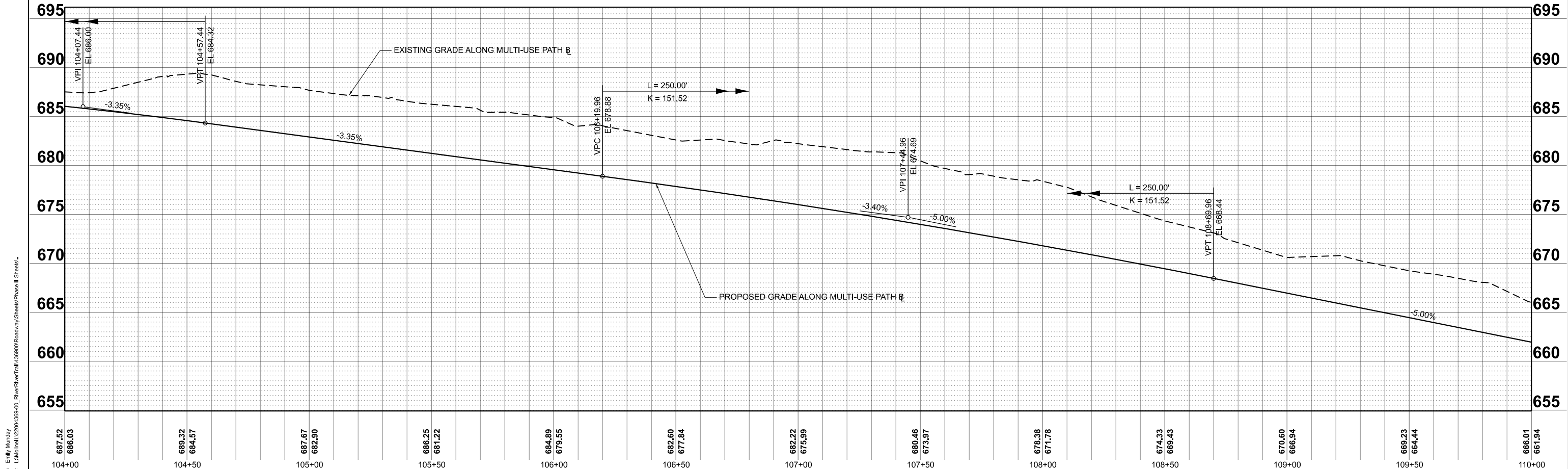
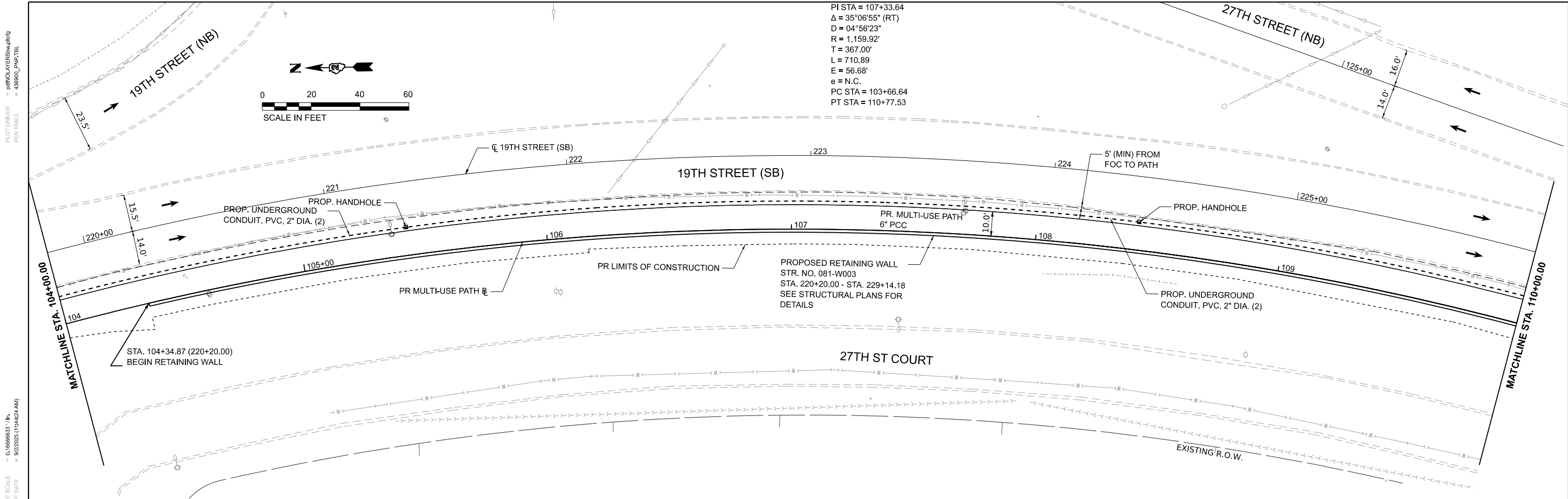
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
19TH STREET SOUTHBOUND

SCALE: 1"=20' SHEET 6 OF 11 SHEETS STA. 100+00.00 TO STA. 104+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	35
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				



PLOT DRIVER = c:\p\layers\swi\pltdrv
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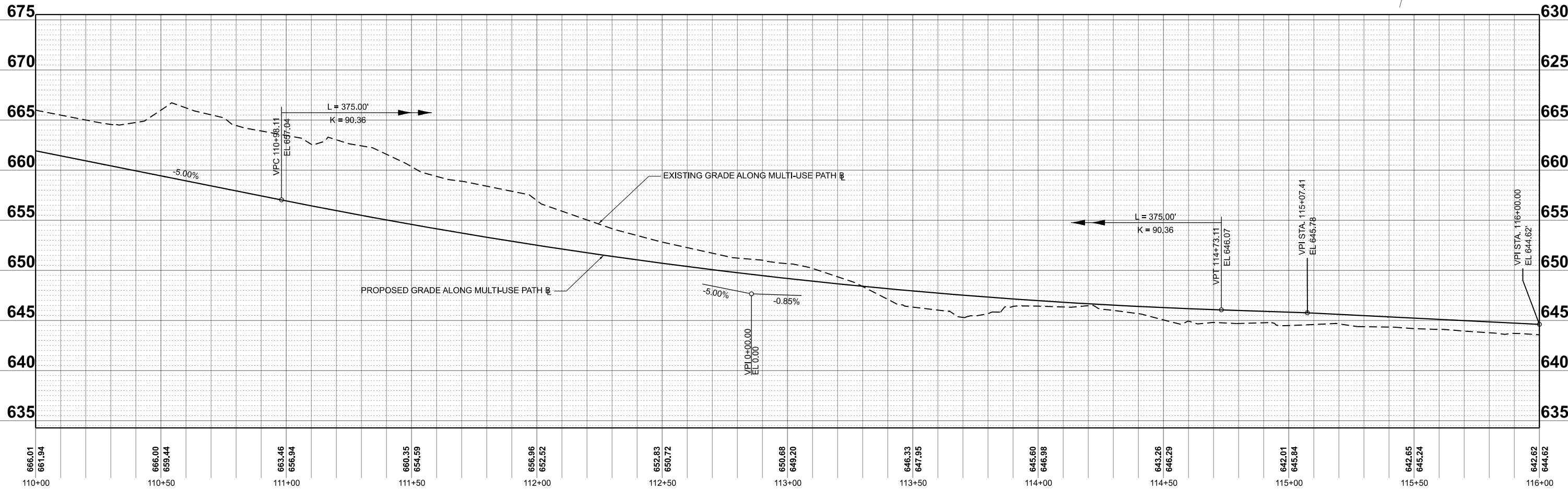
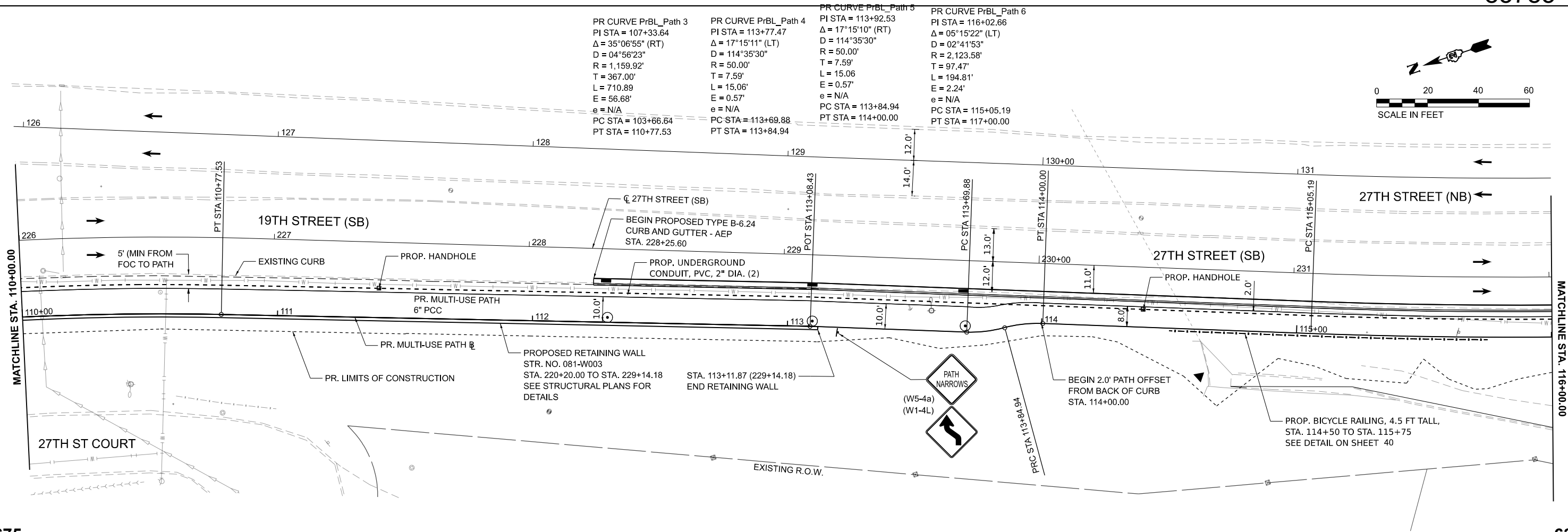
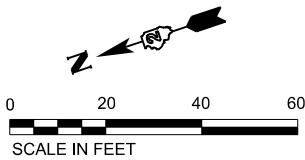
USER NAME = Emily_Munday
DIRECTOR = L:\minal\2204359400_RiverRtr\Trl\436900\Roadway\Sheets\Phase II\Sheet8.dgn

PR CURVE PrBL_Path 3
PI STA = 107+33.64
Δ = 35°06'55" (RT)
D = 04°56'23"
R = 1,159.92'
T = 367.00'
L = 710.89'
E = 56.68'
e = N/A
PC STA = 103+66.64
PT STA = 110+77.53

PR CURVE PrBL_Path 4
PI STA = 113+77.47
Δ = 17°15'11" (LT)
D = 114°35'30"
R = 50.00'
T = 7.59'
L = 15.06'
E = 0.57'
e = N/A
PC STA = 113+69.88
PT STA = 113+84.94

PR CURVE PrBL_Path 5
PI STA = 113+92.53
Δ = 17°15'10" (RT)
D = 114°35'30"
R = 50.00'
T = 7.59'
L = 15.06'
E = 0.57'
e = N/A
PC STA = 113+84.94
PT STA = 114+00.00

PR CURVE PrBL_Path 6
PI STA = 116+02.66
Δ = 05°15'22" (LT)
D = 02°41'53"
R = 2,123.58'
T = 97.47'
L = 194.81'
E = 2.24'
e = N/A
PC STA = 115+05.19
PT STA = 117+00.00



FILE NAME:	= 436900-SHT-PnP-Phase II.dgn	DESIGNED -	ZE	REVISED -	
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PLOT DATE:	= 9/2/2025 - 11:44:25 AM	DATE -	AUGUST 2025	REVISED -	

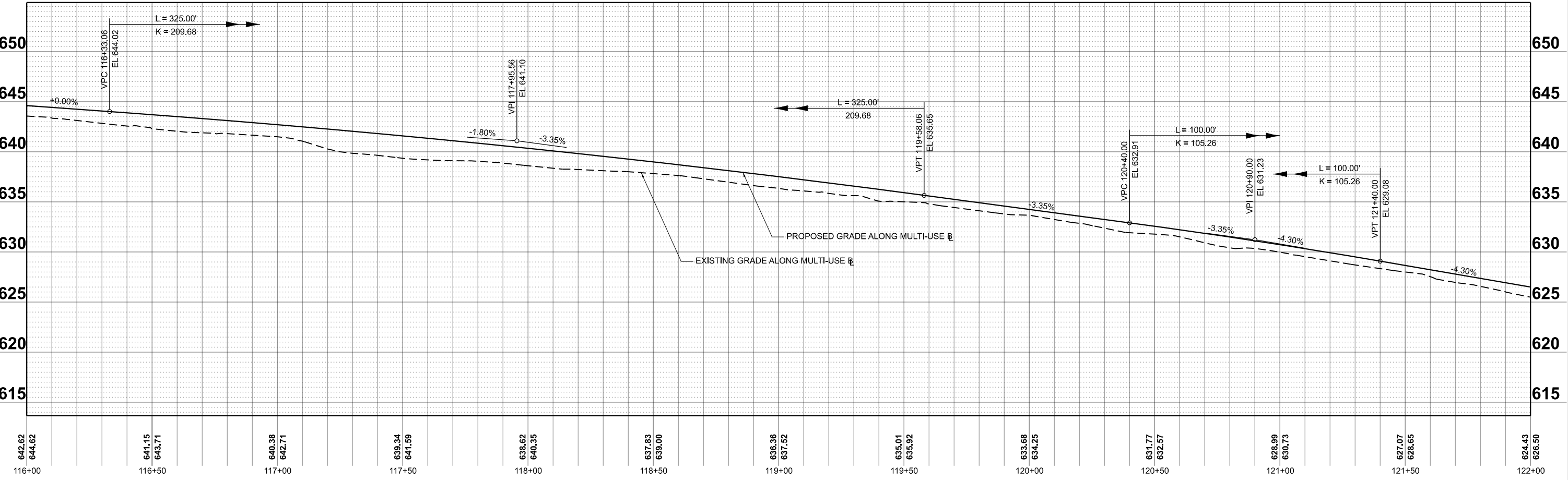
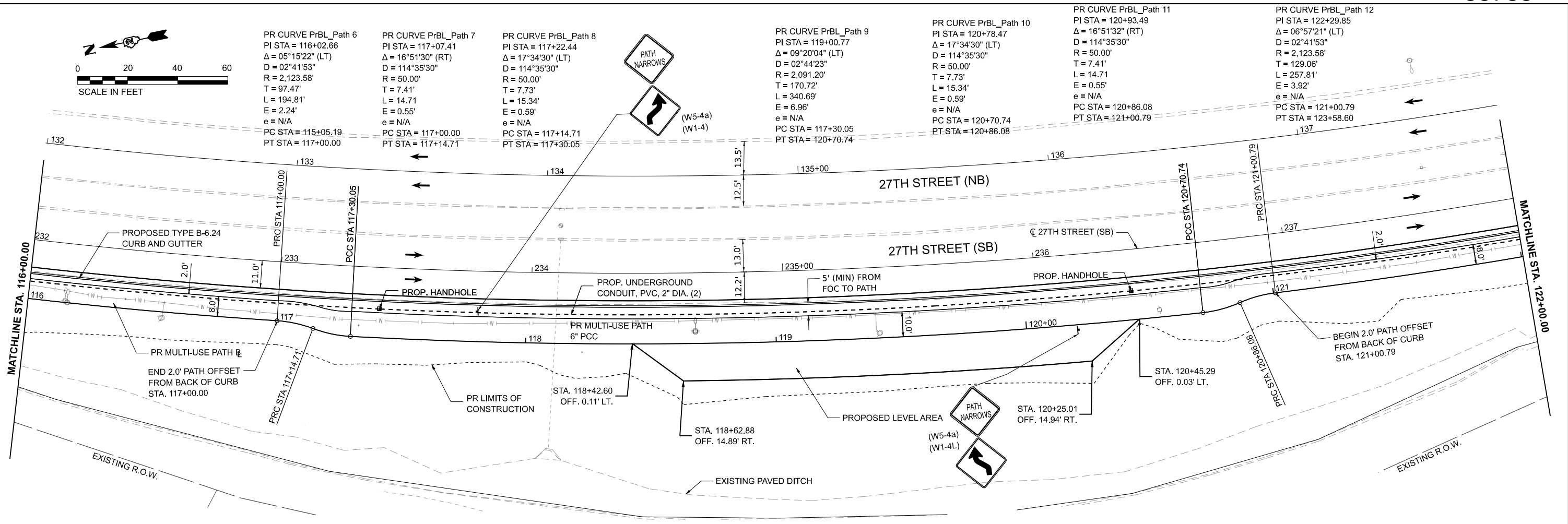
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
19TH STREET SOUTHBOUND

SCALE: 1"=20'
SHEET 8 OF 11 SHEETS
STA. 110+00.00 TO STA. 116+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	37
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

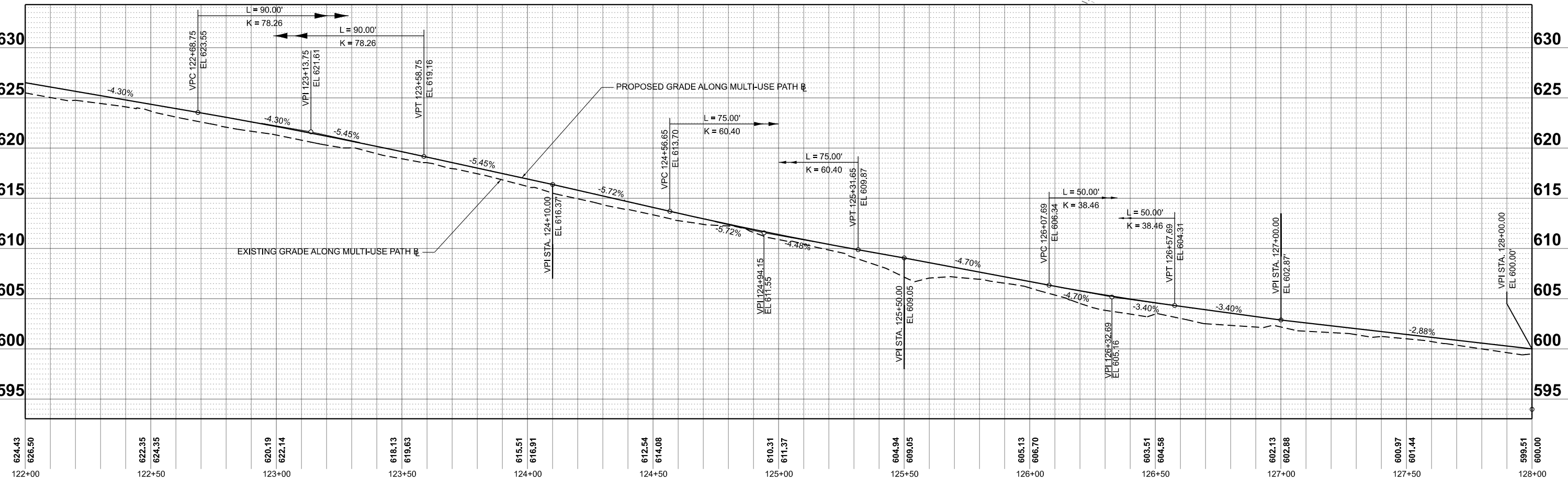
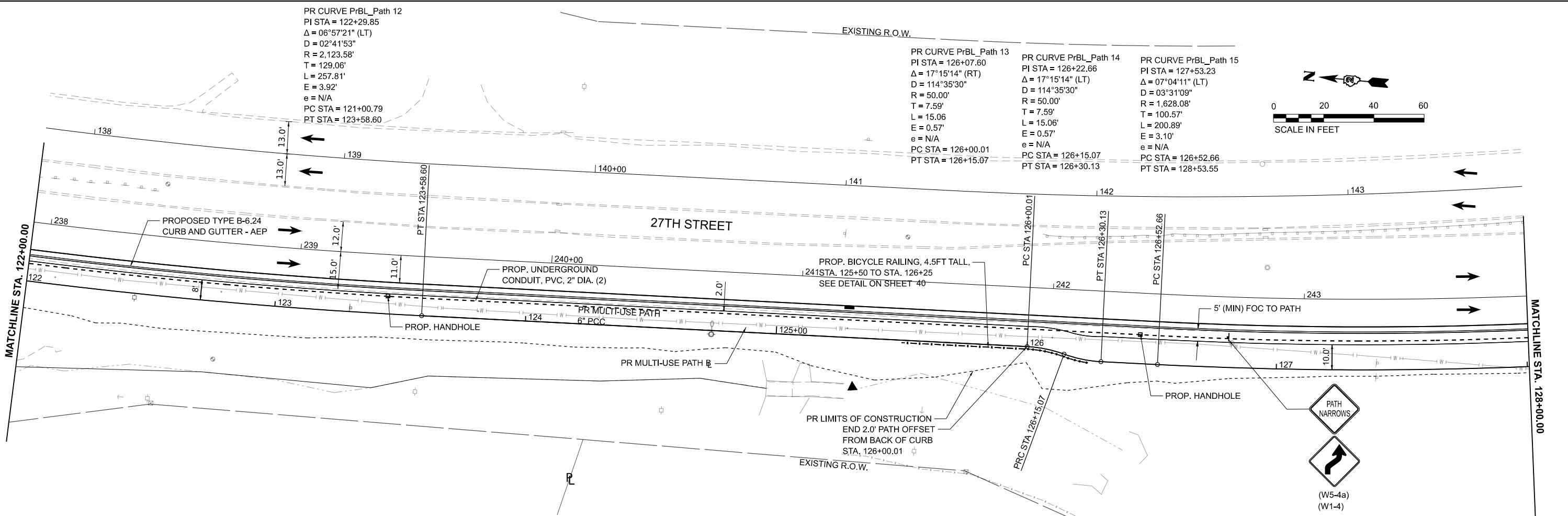
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PROJECT: L:\Main\1220439-00_Plan\Plan\1220439-00_Roadway\Sheet\Phase II\Sheet 9.dgn
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PEN TABLE: = 438900_Pen.tbl



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PEN TABLE = 438900_PNP.tbl

PLOT SCALE = 0.16666633' / in.
PLOT DATE = 9/2/2025 (11:44:29 AM)

USER NAME = Emily_Munday
DIRECTOR = L:\minal\2204399400_Plan\Plan\Trail\438900\Roadway\Sheets\Phase II\Sheet10.dgn



FILE NAME: = 438900-SHT-PnP-Phase II.dgn
MODEL: = PrBL_Path South - Plan 10 [Sheet]
PLOT SCALE = 0.16666633' / in.
PLOT DATE = 9/2/2025 - 11:44:29 AM

DESIGNED - ZE
DRAWN - ZE
CHECKED - EM
DATE - AUGUST 2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
27TH STREET SOUTHBOUND

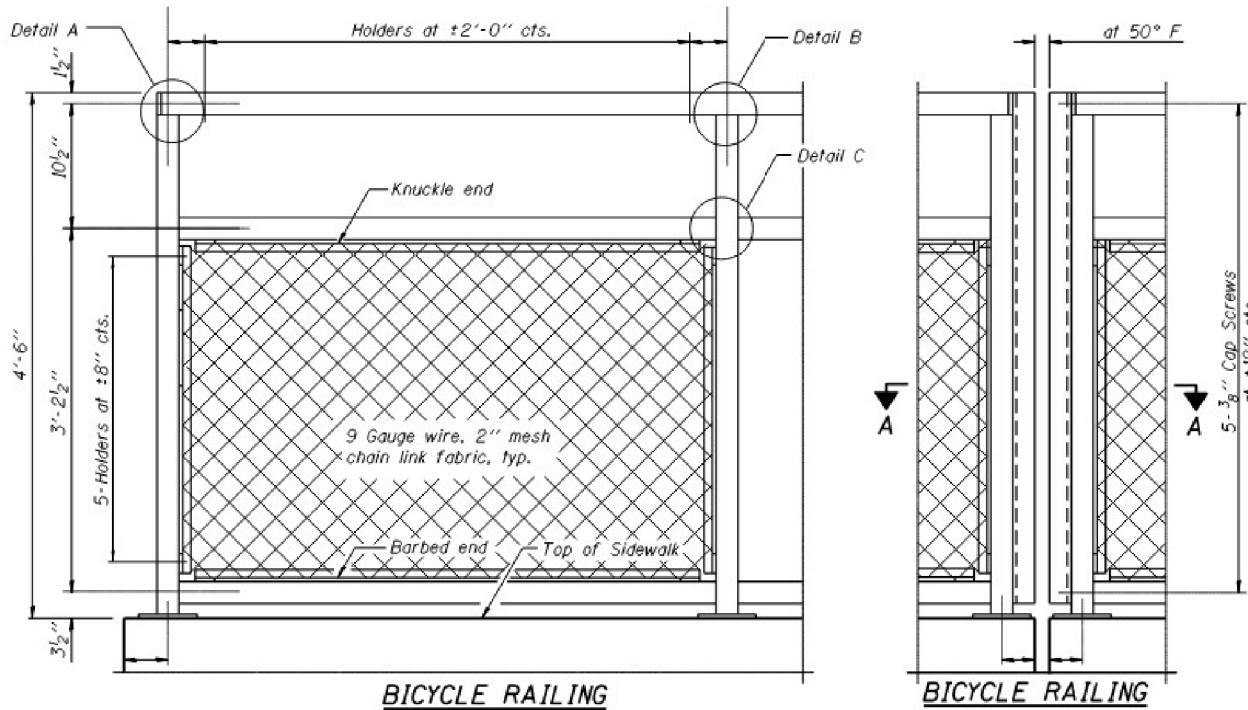
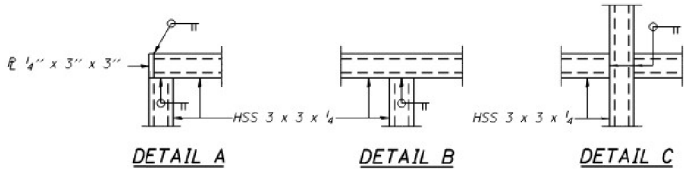
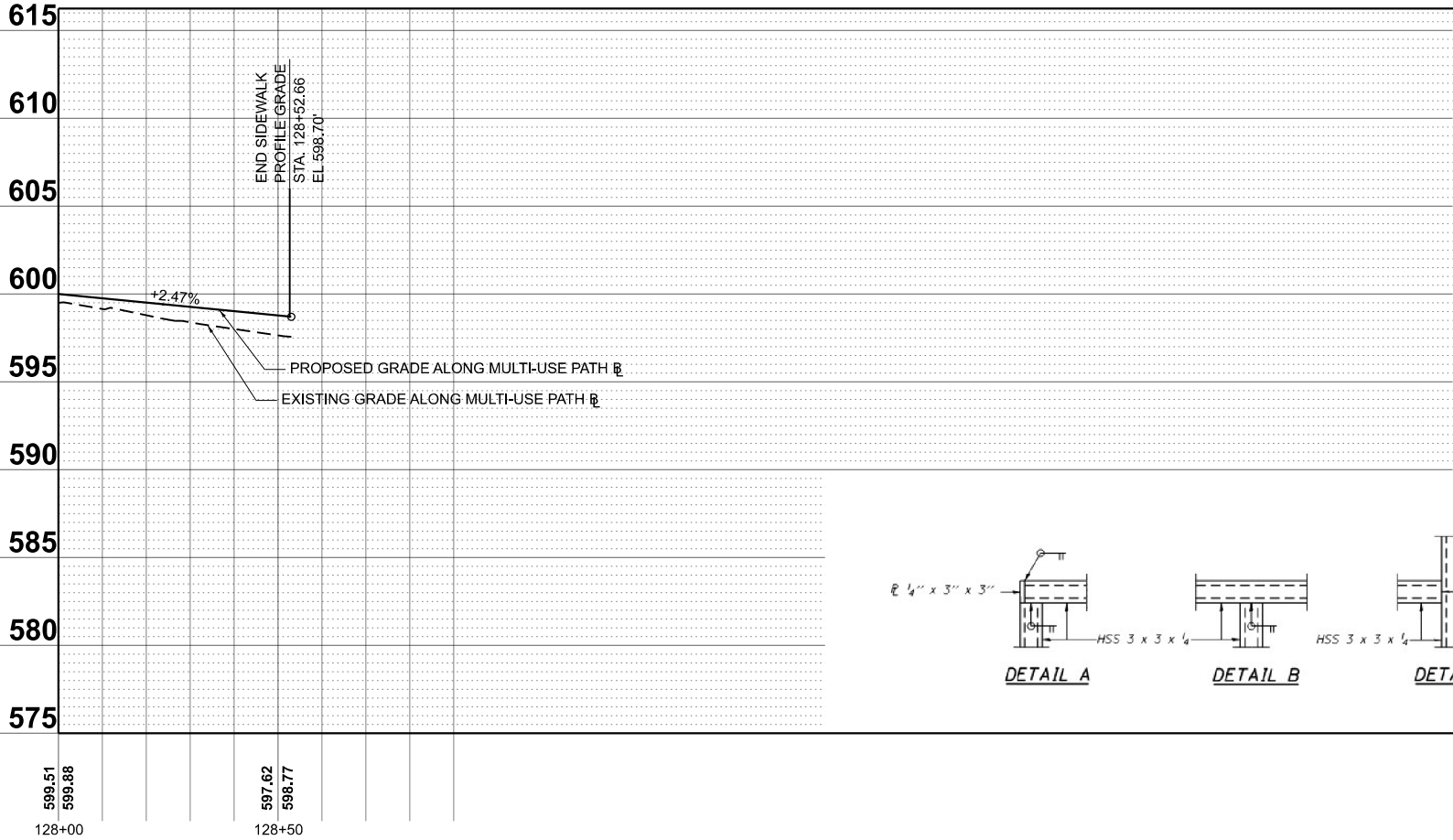
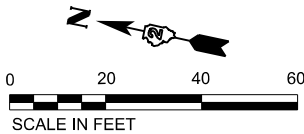
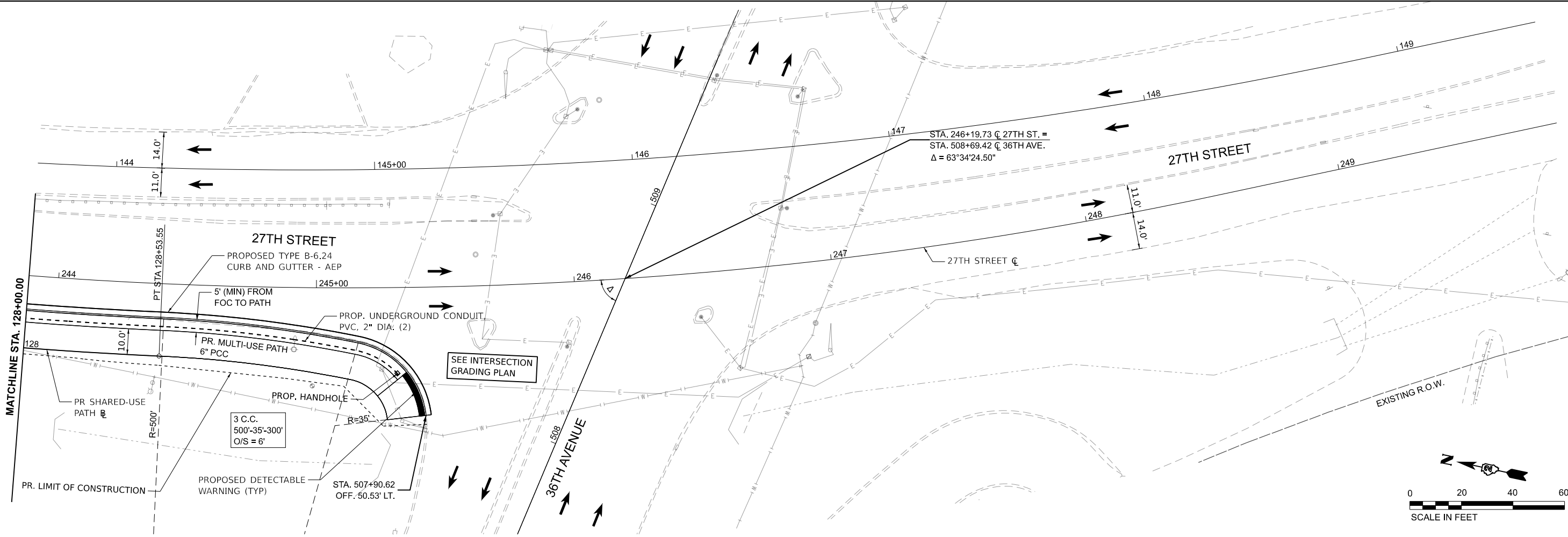
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	39
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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USER NAME = Emily_Mundy
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ALL STEEL RAIL ELEMENTS SHALL BE GALVANIZED ACCORDING TO ARTICLE 509.05 OF THE STANDARD SPECIFICATIONS.



FILE NAME:	= 436900-SHT-PnP-Phase II.dgn	DESIGNED -	ZE	REVISED -	
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PLOT DATE:	= 9/2/2025 - 11:44:30 AM	DATE -	AUGUST 2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
27TH STREET SOUTHBOUND

SCALE: 1"=20' SHEET 11 OF 11 SHEETS STA. 128+00.00 TO STA. 128+52.67

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	40
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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USER NAME = Errol M. Murphy
DIRECTORY = L:\Mileell_2304\44400_RiverbentTail_44400_Drainage_Sheets\Phase I\Sheet1.dgn

Inlets Schedule								
Inlet	STA	Offset	Inlet Location	Inlet Type	Casting Type	Gutter Flow Line Elev (ft)	Invert Elev (ft)	Depth (ft)
IN01	228+31	13.5	On-Grade	A	23	650.76	646.26	4.5
IN02	229+12	12.8	On-Grade	B	23	648.41	643.91	4.5
IN03	229+71	11.0	On-Grade	B	23	647.46	642.96	4.5
IN04	241+19	11.0	On-Grade	A	23	609.76	606.26	3.5

Storm Sewer Schedule											
ID	Start Node	Stop Node	Invert (Start) (Ft)	Invert (Stop) (Ft)	Length (ft) Wall to Wall	Slope (Calculated) (%)	Section Type	Diameter (in)	Material	Cover (Start) (Ft)	Cover (Stop) (Ft)
SS01	IN01	MH01	646.26	646.16	10.4	0.96	Circle	12	WMQ	3.5	4.15
SS02	MH01	MH02	646.06	643.89	76.3	2.84	Circle	12	RCP	4.25	4.15
SS03	IN02	MH02	643.91	643.79	10.3	1.17	Circle	12	WMQ	3.5	4.25
SS04	MH02	MH03	643.69	642.44	56.0	2.23	Circle	12	RCP	4.35	4.15
SS05	IN03	MH03	642.96	642.54	9.8	4.30	Circle	12	WMQ	3.5	4.05
SS06	MH03	FES3	642.34	640.90	89.4	1.61	Circle	12	RCP	4	0
SS09	IN04	FES4	606.26	601.50	27.4	17.37	Circle	12	WMQ	3.5	0
Total:					279.6						

Manholes Schedule								
Label	Manhole Type	LID/FRAME Type	Station	Offset (ft)	Elevation (Rim) (Ft)	Elevation (Invert) (Ft)	Depth (Structure) (in)	Diameter (in)
MH01	A4	TYPE 1 (Closed)	228+31.45	26.9	651.31	646.06	63	48
MH02	A4	TYPE 1 (Closed)	229+11.98	26.0	649.04	643.69	64.23	48
MH03	A4	TYPE 1 (Closed)	229+71.99	25.7	647.59	642.34	63	48

Flared End Section Schedule					
ID	Drainage Structure	Station	Offset		Structure Elevation
FES 1	Precast FES 12"	4+91.71	11.8	LT	684.42
FES 2	Precast FES 12"	7+65.44	7.5	LT	684.30
FES 3	Precast FES 12"	114+60.20	17.7	RT	640.90
FES 4	Precast FES 12"	125+31.07	17.2	RT	601.50

Culvert Schedule								
ID	Start Node	Stop Node	Invert (Start) (US Survey Ft)	Invert (Stop) (US Survey Ft)	Length (ft) Wall to Wall	Slope (Calculated) (%)	Cover (Start) (US Survey Ft)	Cover (Stop) (US Survey Ft)
CUL01	Recon. In 1	12" FES 1	685.28	684.42	26.7	3.2	2.56	0.00
CUL02	Recon. In 2	12" FES 2	684.39	684.30	22.3	0.4	1.31	0.00

NOTES:

1. END SECTION STATIONS, OFFSETS, AND ELEVATIONS ARE GIVEN AT THE CENTER OF TOE.

2. MANHOLE AND INLET STATIONS AND OFFSETS ARE GIVEN AT THE CENTER OF STRUCTURE. RIM ELEVATIONS ARE GIVEN AT THE CENTER OF GRATE/LID OR AT THE EDGE OF PAVEMENT FOR CURB STRUCTURES.



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FILE NAME: = 438900_SHT_Drainage_Schedule.dgn	DESIGNED - ZE	REVISED -
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PLOT DATE = 9/2/2025 11:44:33 AM	DATE - AUGUST 2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
SCHEDULE

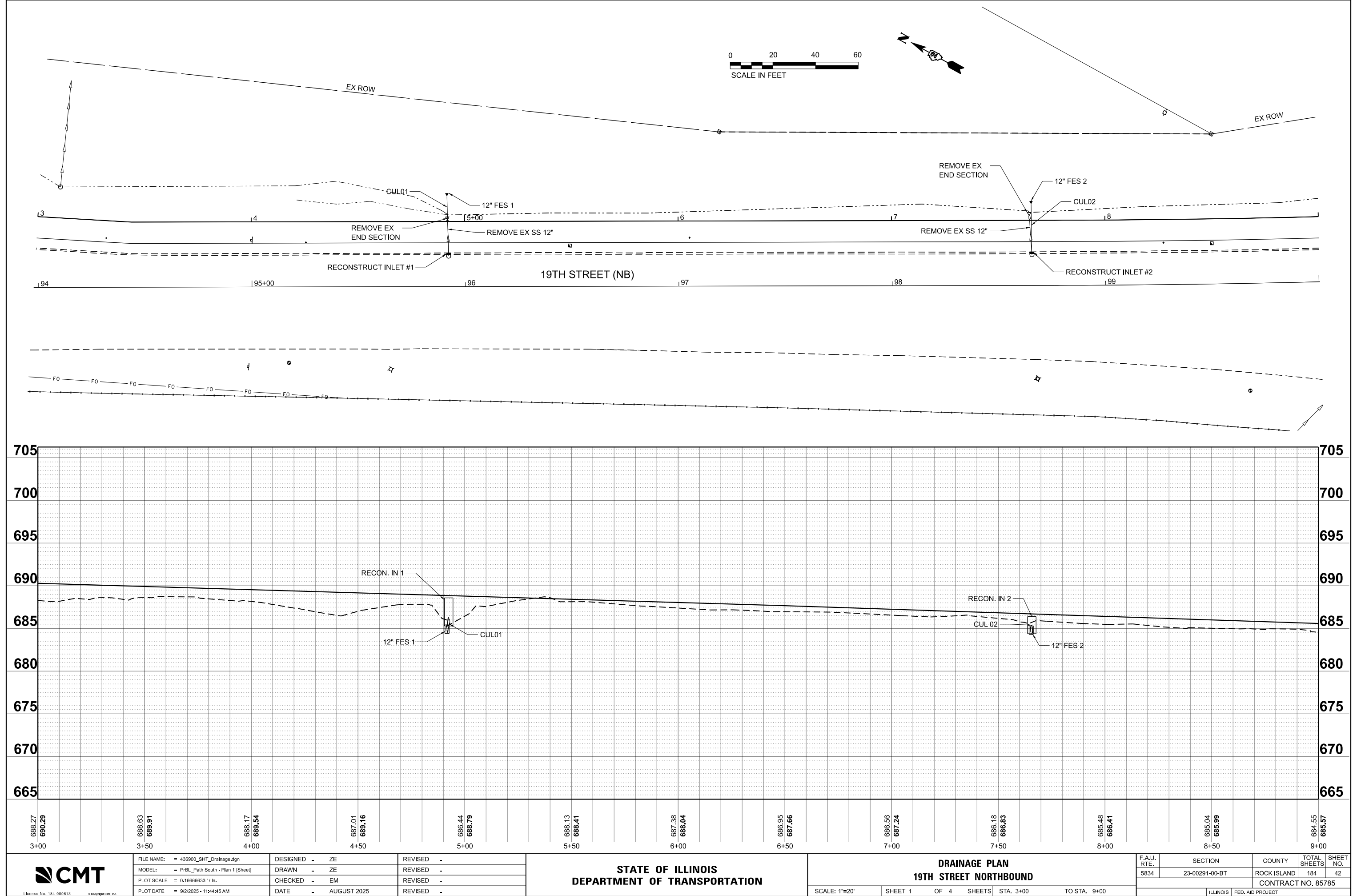
SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	41
		CONTRACT NO. 85785		
		ILLINOIS	FED. AID PROJECT	

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USER NAME = Emily Munday
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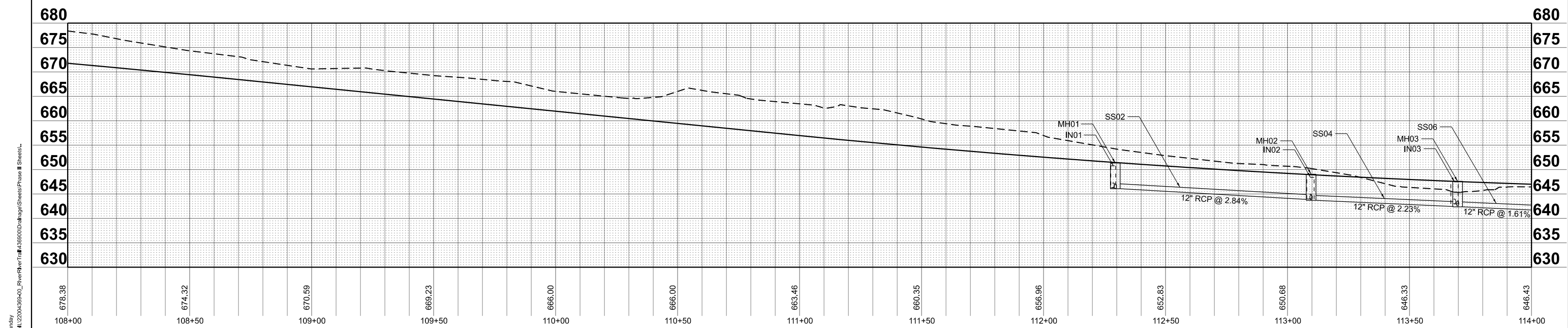
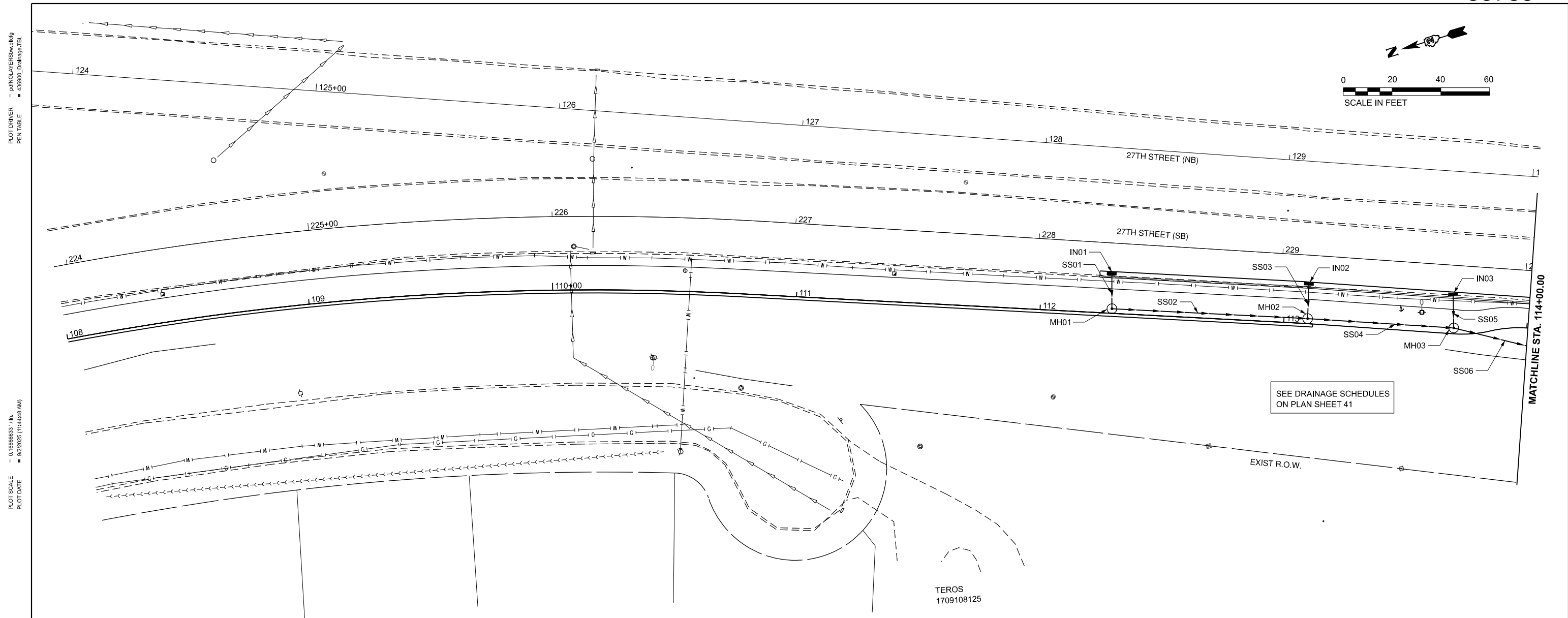
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PLOT DATE:	= 9/2/2025 - 11:44:45 AM	DATE -	AUGUST 2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
19TH STREET NORTHBOUND

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 3+00 TO STA. 9+00

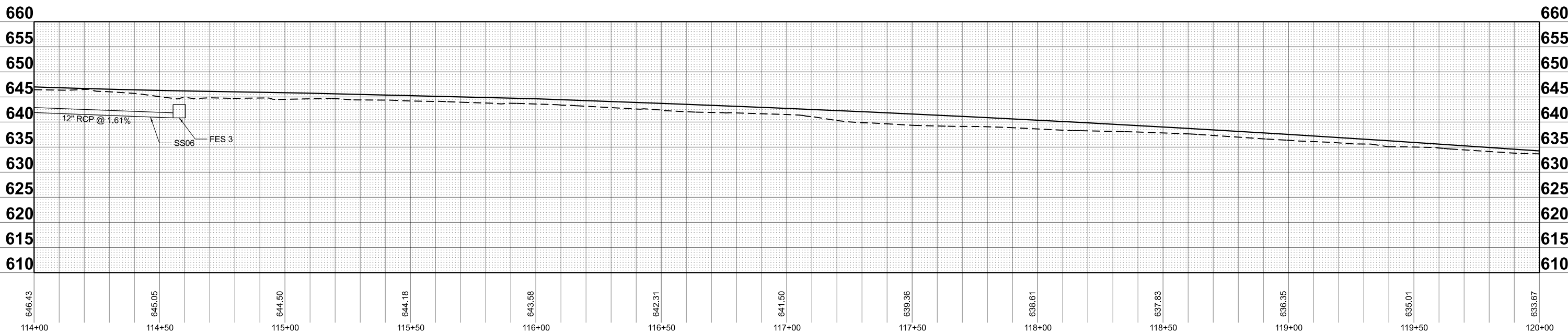
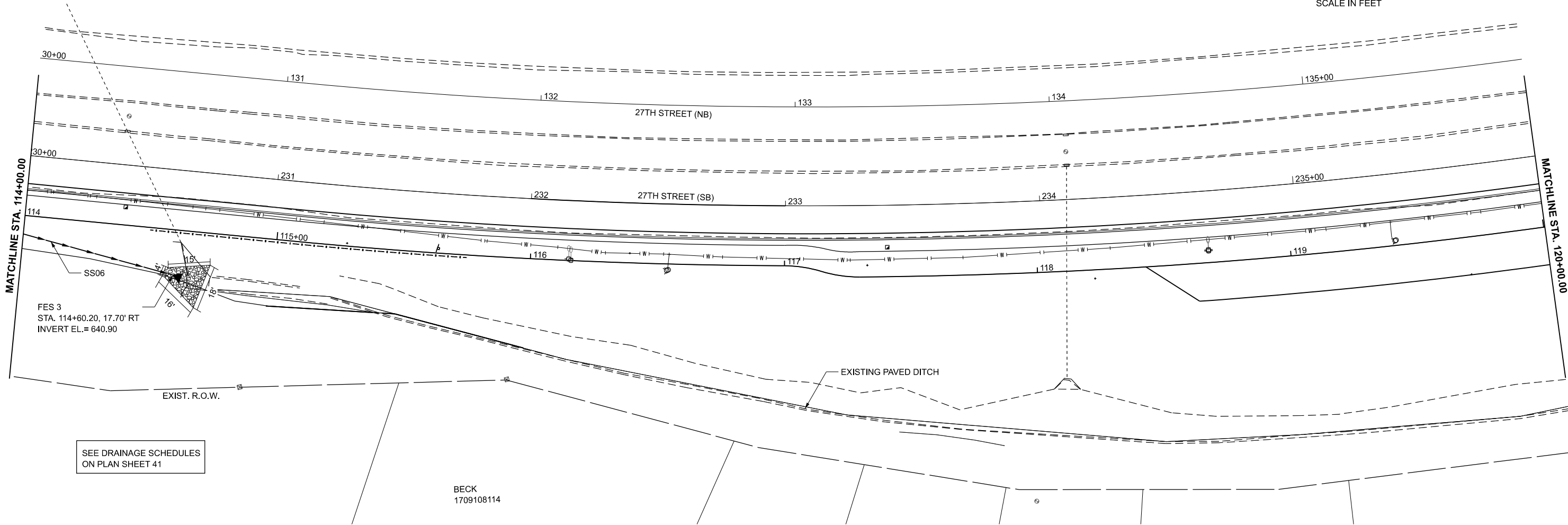
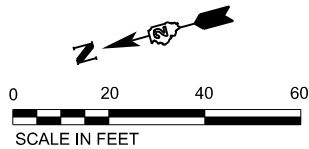
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	42
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 9/2/2025 - 11:44:49 AM

DESIGNED - ZE
DRAWN - ZE
CHECKED - EM
DATE - AUGUST 2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN
19TH STREET SOUTHBOUND

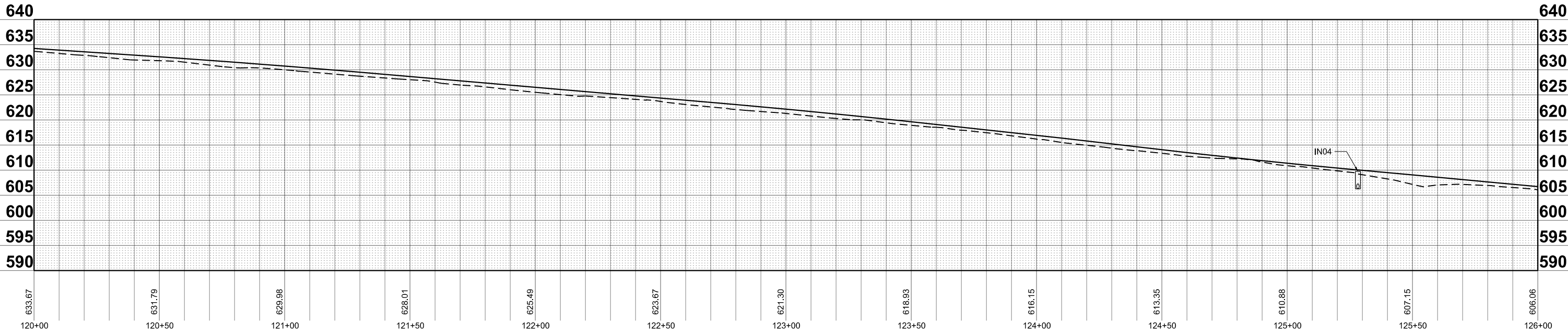
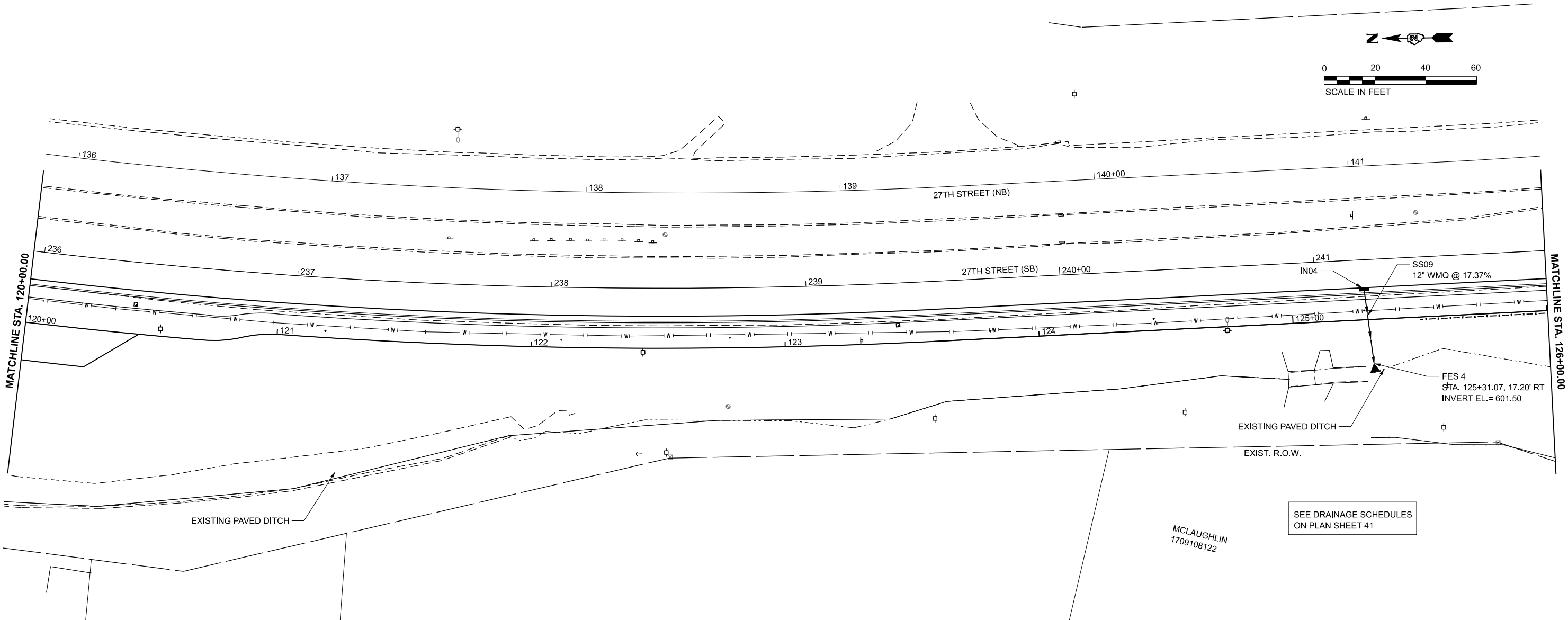
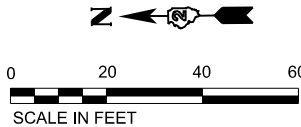
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	44
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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USER NAME = Emily Munday
DIRECTORY = L:\minal\220\438900_RiverRtr\438900_Drains\Phase II Sheets\



 License No. 184-00613 © Copyright CMT, Inc.	FILE NAME: = 438900_SHT_Drainage.dgn	DESIGNED - ZE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN 19TH STREET SOUTHBOUND				F.A.U. RTE. 5834	SECTION 23-00291-00-BT	COUNTY ROCK ISLAND	TOTAL SHEETS 184	SHEET NO. 45
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USER NAME = Emily Munday
DIRECTORY = L:\Main\1220\4389-00_RiverRte\Trail\438900\Roadway\Sheets\Phase II\Sheet1.dwg

MAINTENANCE OR TRAFFIC GENERAL NOTES

1. TRAFFIC CONTROL DEPICTED IN THESE PLANS AND THE APPLICABLE IDOT DETAILS AND STANDARDS ARE THE MINIMUM REQUIREMENTS. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, DIVISION 700; APPLICABLE GUIDELINES IN THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR TRAFFIC CONTROL, UNLESS HEREIN REVISED.
2. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
3. ALL CONSTRUCTION SIGNS SHALL HAVE FLUORESCENT ORANGE BACKGROUNDS.
4. BARRICADES WILL BE REQUIRED ADJACENT TO PAVEMENT EDGES WHERE WIDENING, CURB AND GUTTER OR OVERLAYING WORK IS BEING DONE, AS SPECIFIED IN SECTION 701 OF THE STANDARD SPECIFICATIONS. SPACING SHALL BE AS SHOWN ON THE CONSTRUCTION STAGING PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOPS OF THE BARRICADES ARE IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.
5. CHANGE IN STAGE SHALL BE COORDINATED WITH THE ENGINEER AT LEAST 2 WEEKS IN ADVANCE AND APPROVED BY THE ENGINEER.
6. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE REMOVED OR RELOCATED BY THE CONTRACTOR AFTER TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE AND MAINTAINED. ANY DAMAGE CAUSED BY THE WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
7. QUANTITIES FOR TEMPORARY PAVEMENT MARKING TAPE, TYPE IV AND SHORT TERM PAVEMENT MARKING REMOVAL ARE NOT INCLUDED IN THE ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)" AND SHALL BE MEASURED SEPERATELY FOR PAYMENT.

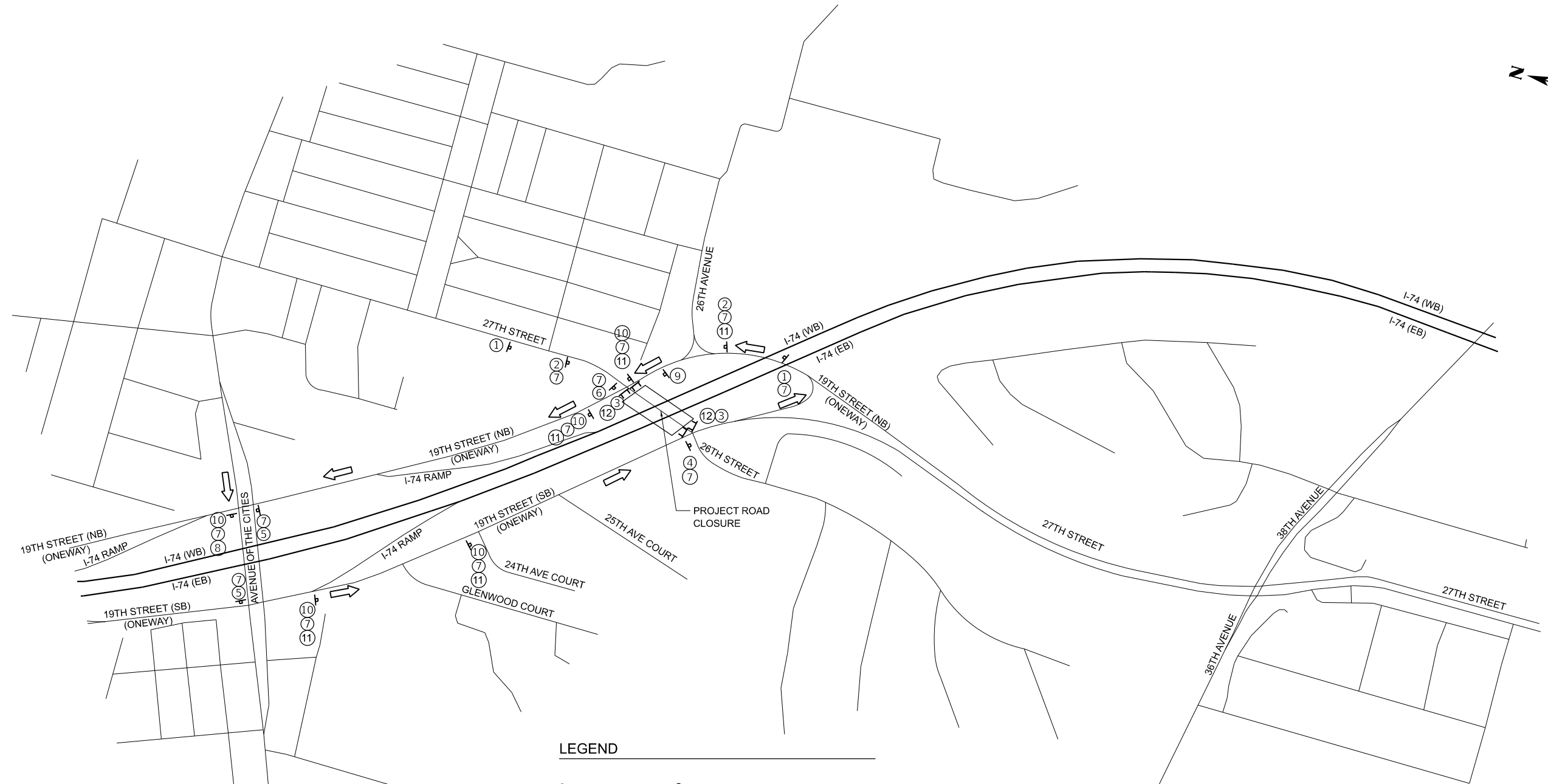
TEMPORARY PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED ON ALL SURFACES OUTSIDE OF THE PROJECT LIMITS AND ON THE FINAL PAVEMENT SURFACE. CONFLICTING PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL". CONFLICTING PAVEMENT MARKINGS OUTSIDE THE PROJECT LIMITS SHALL BE REMOVED AND PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL".

ACCESS MAINTENANCE NOTES

MAINTAINING ACCESS TO DRIVEWAYS IS OF THE UTMOST IMPORTANCE TO THE CITY. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUB-STAGING THE CONSTRUCTION OF THE DRIVEWAYS. THE CONTRACTOR SHALL FOLLOW THESE PROCEDURES TO ENSURE PROPER DRIVEWAY ACCESS WHEN DIRECTED BY THE ENGINEER:

1. TEMPORARY DRIVES SHALL BE CONSTRUCTED TO A MINIMUM WIDTH OF 10'. THE CONTRACTOR SHALL NOTE THAT THE TEMPORARY DRIVEWAY PAVEMENT WIDTH MAY EXCEED THE WIDTH OF THE EXISTING DRIVEWAY. THE COST OF PLACING, MAINTAINING AND REMOVING TEMPORARY DRIVES SHALL BE INCLUDED IN THE COST OF "AGGREGATE FOR TEMPORARYT ACCESS".
2. ALL BARRICADES REQUIRED TO SUB-STAGE DRIVEWAY CONSTRUCTION AND MAINTAIN ACCESS TO DRIVEWAYS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
3. CONTRACTOR MAY CLOSE DRIVEWAY ACCESS AT INDIVIDUAL PROPERTIES ONLY DURING PLACEMENT AND CURING OF PROPOSED PCC DRIVEWAY PAVEMENT. HIGH-EARLY STRENGTH CONCRETE SHALL BE USED FOR PCC DRIVEWAY PAVEMENT, 6 INCH. THE CONTRACTOR SHALL COORDINATE CLOSURE OF DRIVEWAY ACCESS A MINIMUM OF TWO WEEKS IN ADVANCE WITH PROPERTY OWNERS AND OWNER.
4. THE LENGTH OF CLOSED DRIVEWAY ACCESS SHALL NOT EXCEED FIVE DAYS UNLESS WITHOUT OWNER APPROVAL AND ADVANCE PROPERTY OWNER COORDINATION.
5. ACCESS TO THE DRIVEWAYS AT #2805 19TH STREET (FORTNEY) AND #2807 19TH STREET (COYKENDALL) SHALL NOT BE RESTRICTED OR CLOSED AT THE SAME TIME.

 License No. 184-000613 © Copyright CMT, Inc.	FILE NAME: = 436900-MOT-General Notes.dgn	DESIGNED - ZE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE CONSTRUCTION AND MAINTENANCE OF TRAFFIC GENERAL NOTES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	MODEL: = MOT_General Notes [Sheet]	DRAWN - ZE	REVISED -						5834	23-00291-00-BT	ROCK ISLAND	184	46
	PLOT SCALE = 0.16666633' / In.	CHECKED - EM	REVISED -						CONTRACT NO. 85785				
	PLOT DATE = 9/2/2025 - 11:44:53 AM	DATE - AUGUST 2025	REVISED -		SCALE: 1"=20'	SHEET 1	OF 1	SHEETS	STA.	TO STA.			
										ILLINOIS	FED. AID PROJECT		



LEGEND

1 W20-3
48" x 48"

2 W20-2
48" x 48"

3 M4-10R
48" x 18"

4 M4-8A
24" x 18"

5 M4-9L
48" x 36"

6 M4-9R
48" x 36"

7 SPECIAL
36" x 18"

8 M5-1L
21" x 15"

9 R3-2
36" x 36"

10 M4-8
30" x 15"

11 M6-3
21" x 15"

12 R11-2
48" x 30"

13 W20-2
48" x 48"

- TEMPORARY SIGN ASSEMBLY
- TYPE III BARRICADE

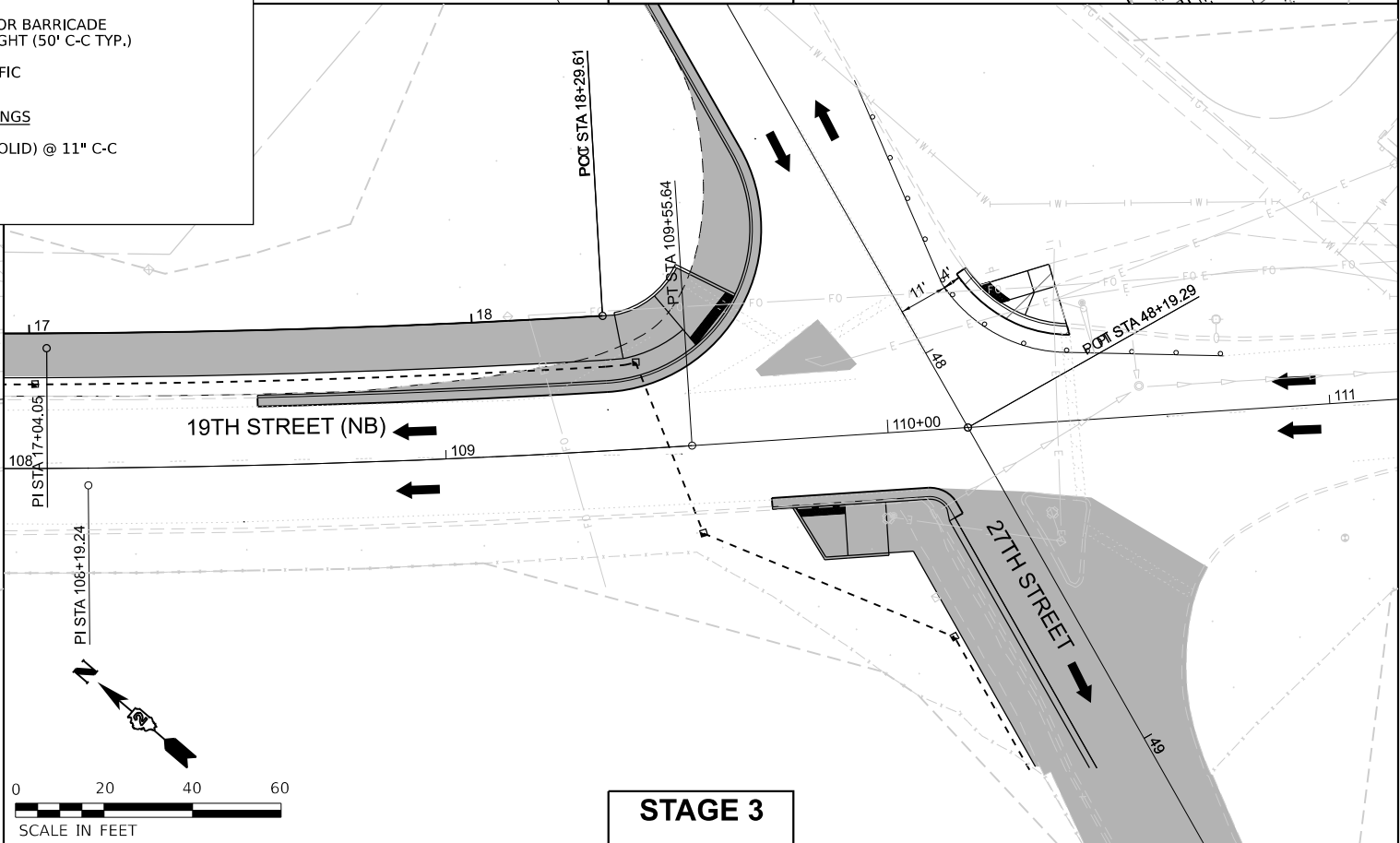
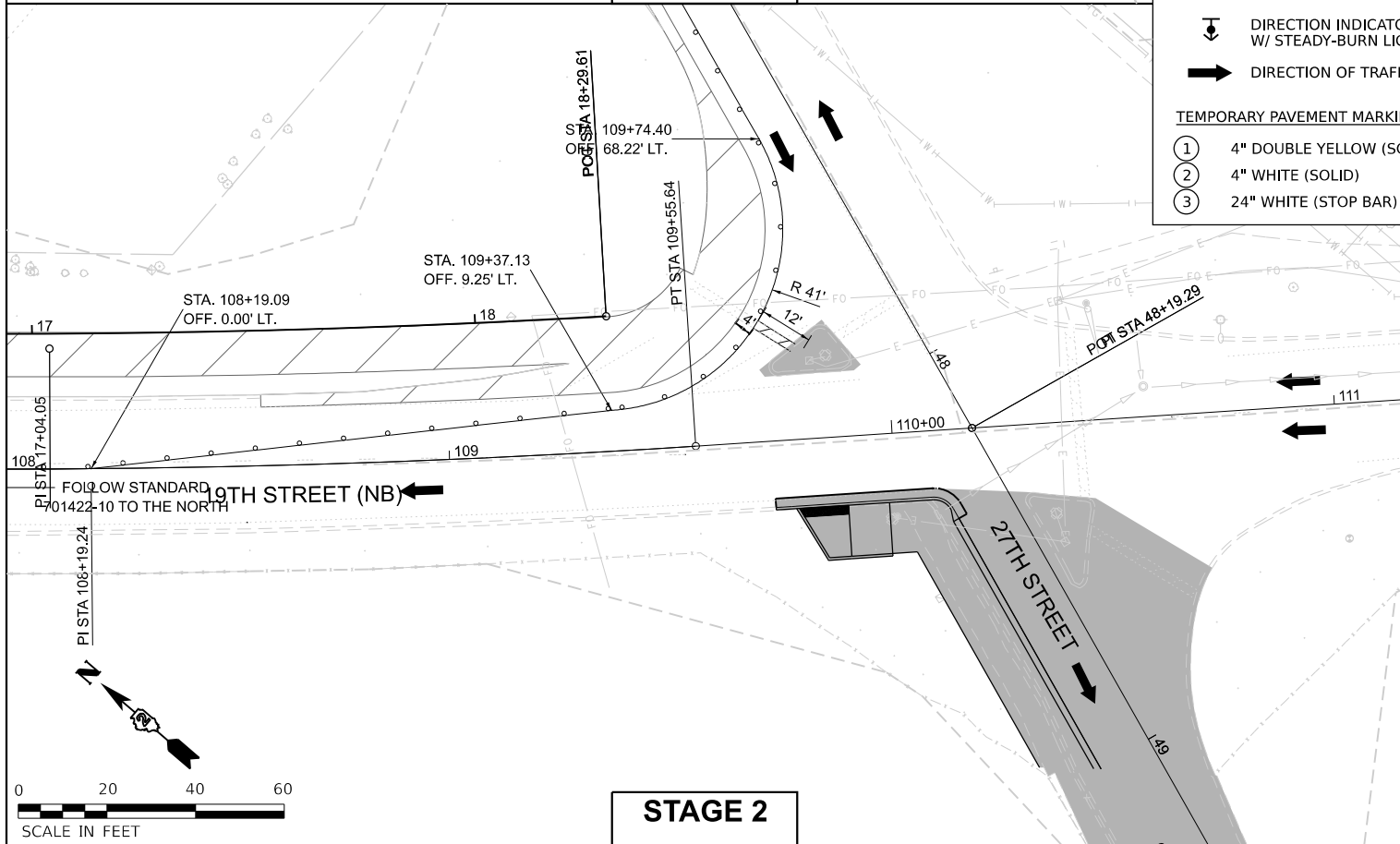
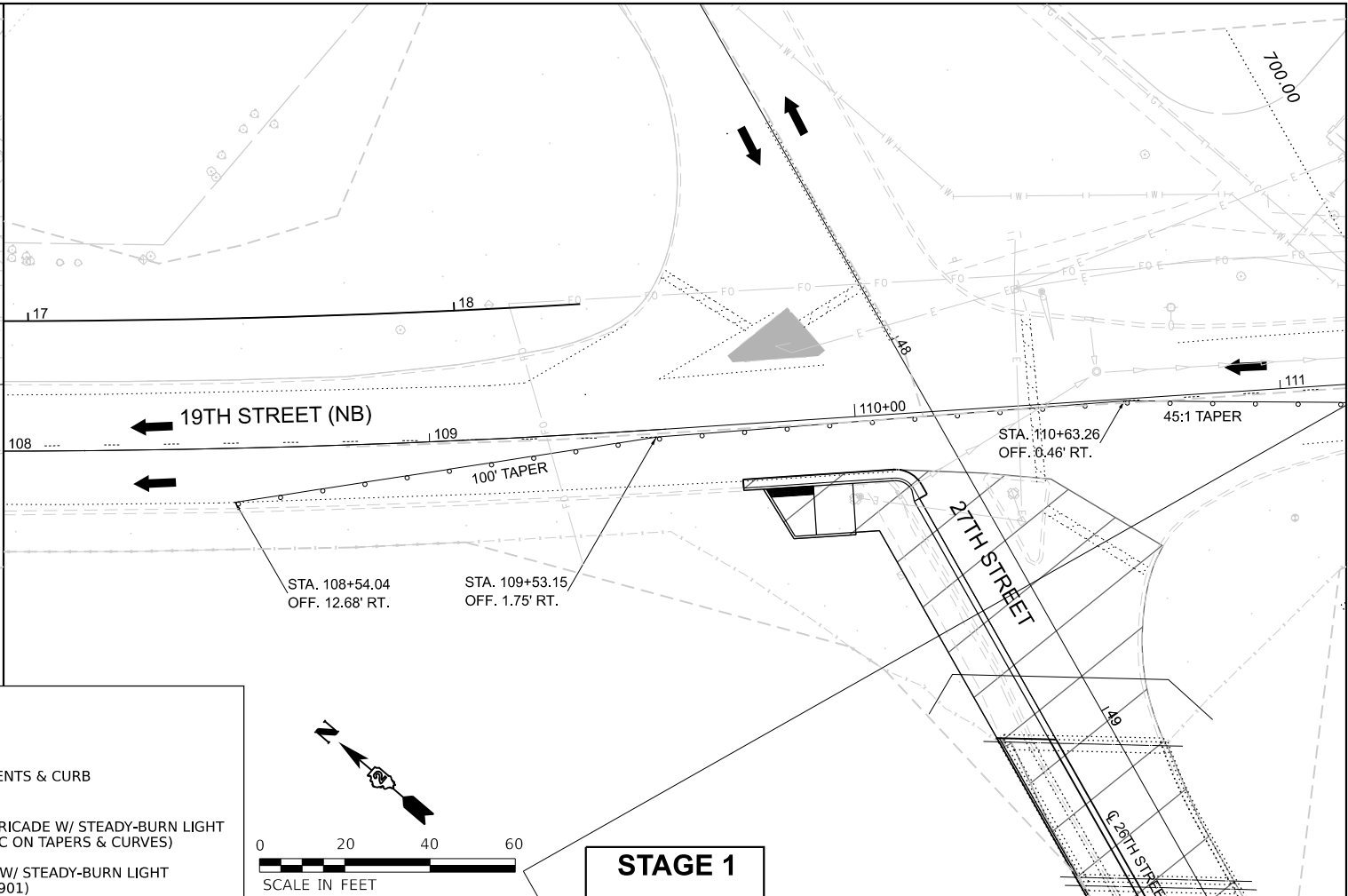
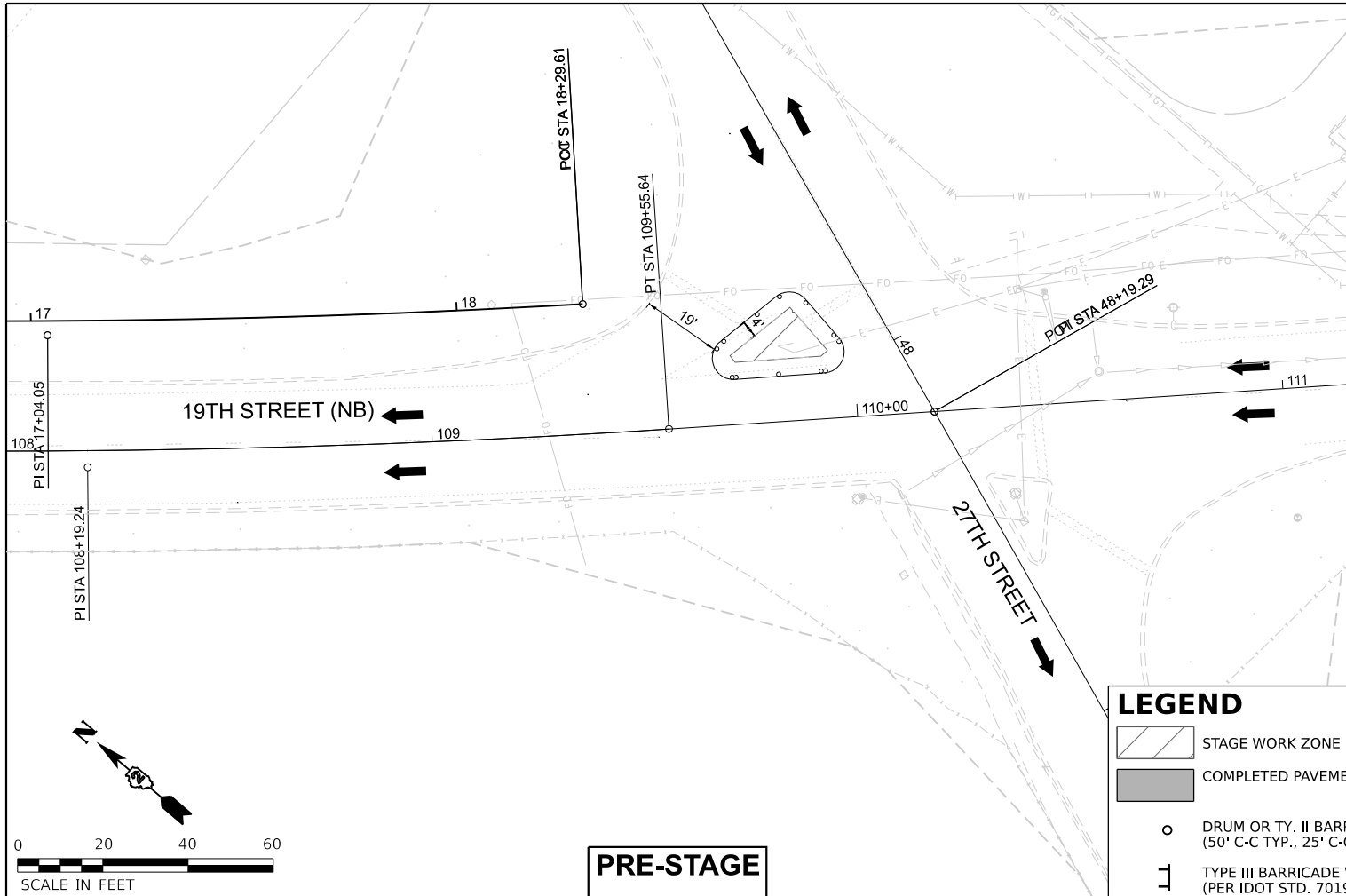
NOTE: FULL ROAD CLOSURE AND MARKED DETOUR ROUTE SHALL ONLY BE USED DURING IMPROVEMENTS ON AND ADJACENT TO THE 27TH STREET BRIDGE.

MODEL: EX090181-1 - Plan 2 (Sheet)
FILE NAME: STILES

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FILE NAME:	= 436900_SHT_MOT.dgn	DESIGNED	- ZE	REVISED	-
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PLOT DATE	= 9/2/2025 - 11:45:03 AM	DATE	- AUGUST 2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION AND MAINTENANCE OF TRAFFIC
27TH ST AND 19TH ST NORTHBOUND

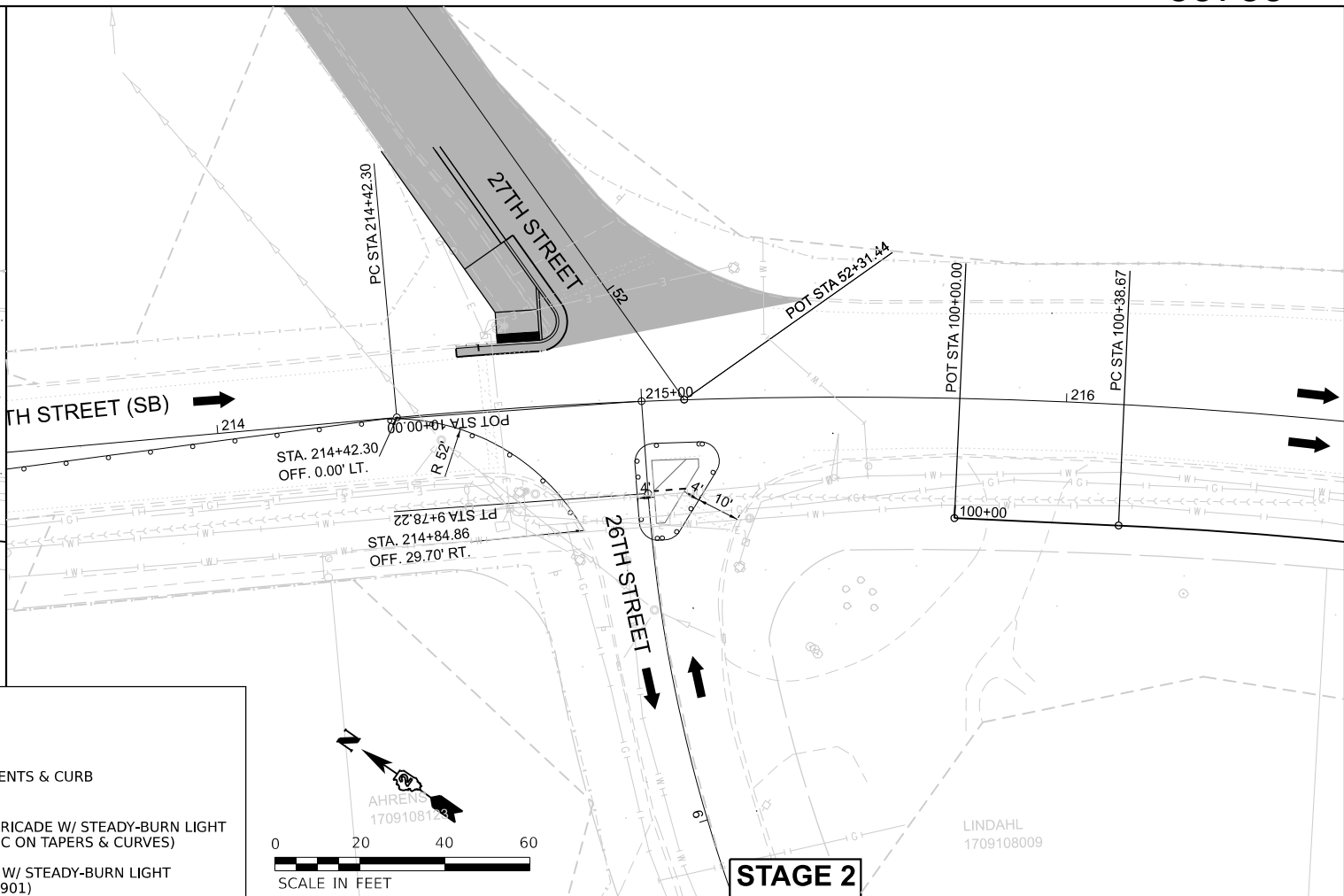
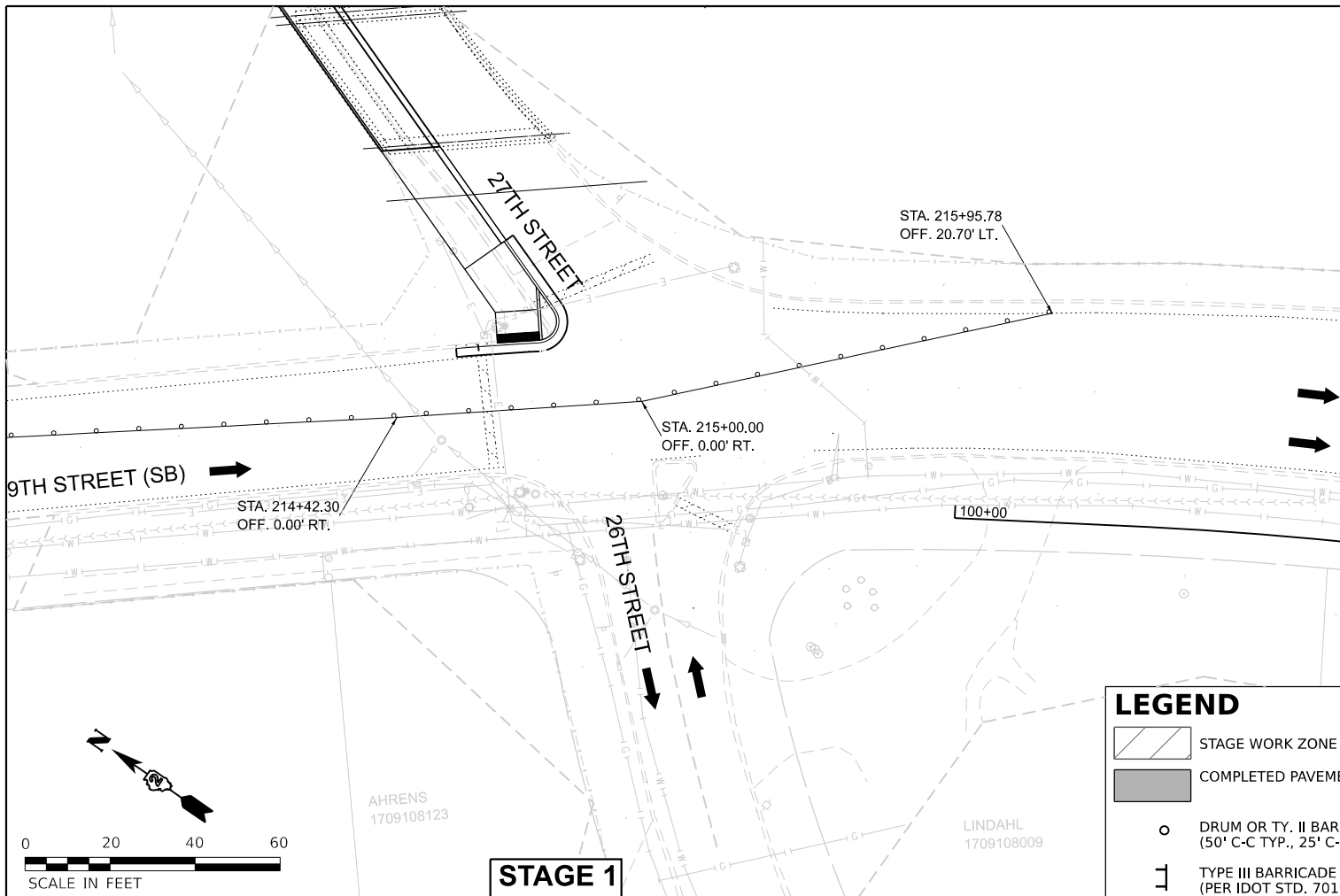
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	48
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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DIRECTORY = L:\main\1220\438900_RiverRt\Traffic\Phase II Sheets\..

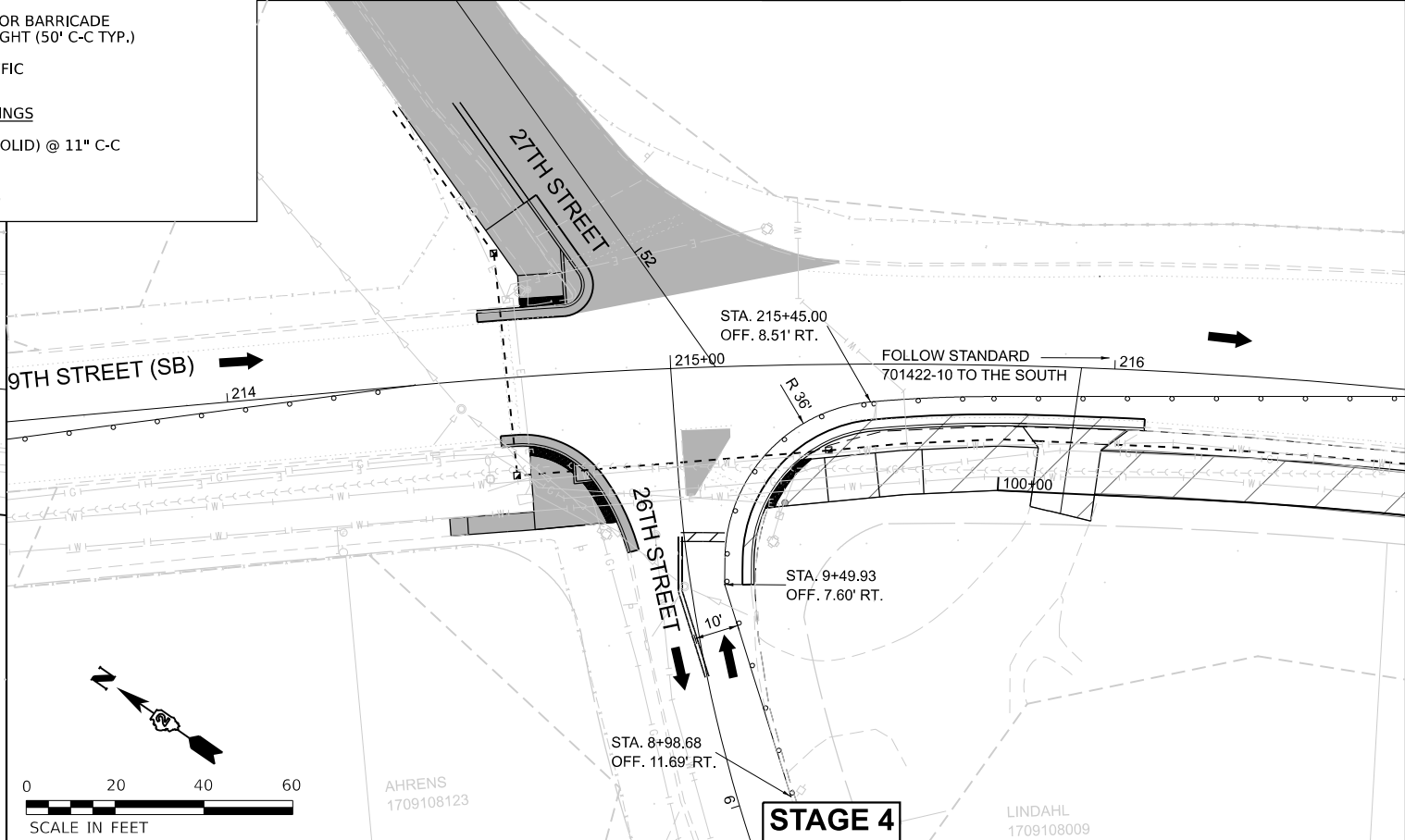
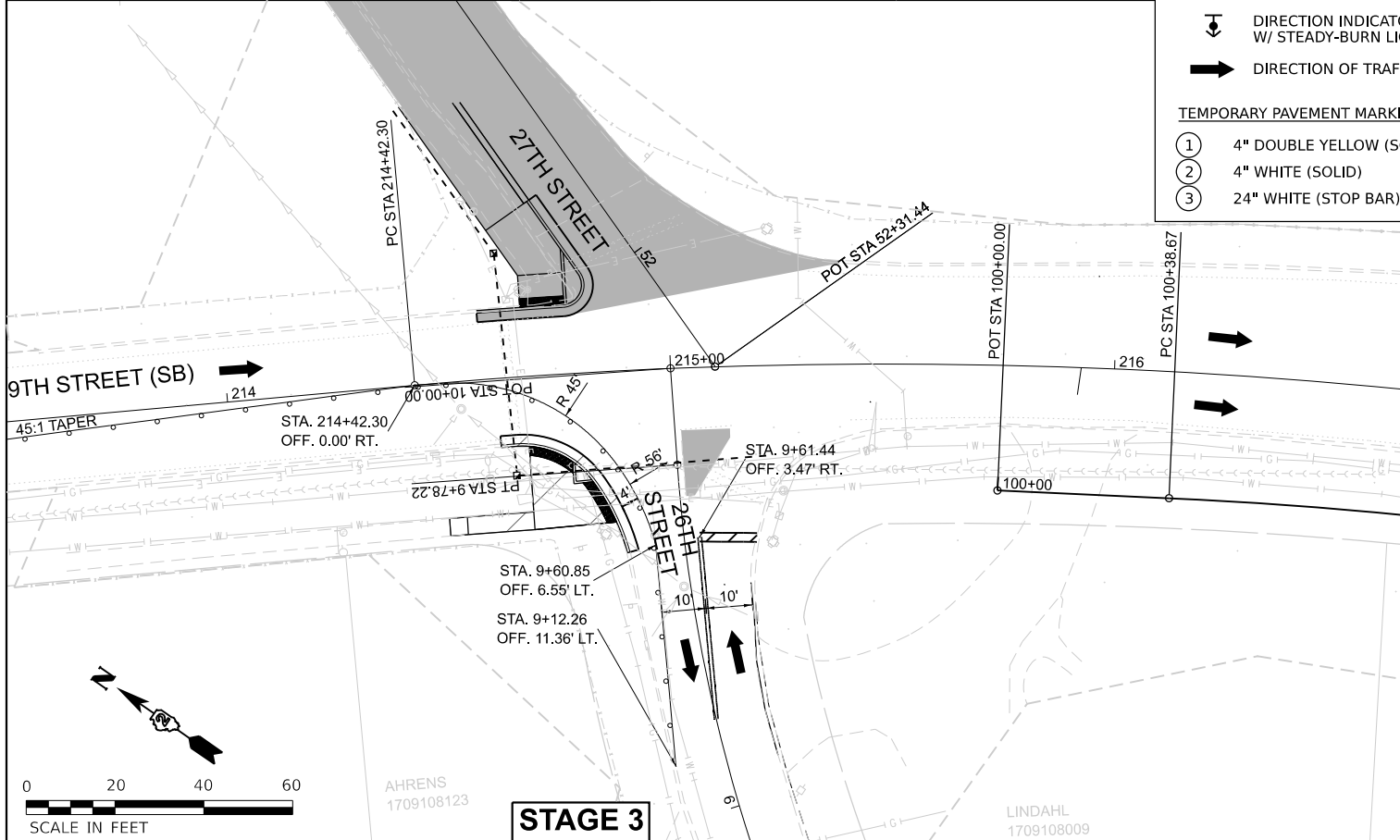


LEGEND

- STAGE WORK ZONE
- COMPLETED PAVEMENTS & CURB
- DRUM OR TY. II BARRICADE W/ STEADY-BURN LIGHT (50' C-C TYP., 25' C-C ON TAPERS & CURVES)
- TYPE III BARRICADE W/ STEADY-BURN LIGHT (PER IDOT STD. 701901)
- DIRECTION INDICATOR BARRICADE W/ STEADY-BURN LIGHT (50' C-C TYP.)
- DIRECTION OF TRAFFIC

TEMPORARY PAVEMENT MARKINGS

- ① 4" DOUBLE YELLOW (SOLID) @ 11" C-C
- ② 4" WHITE (SOLID)
- ③ 24" WHITE (STOP BAR)



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DATE - AUGUST 2025

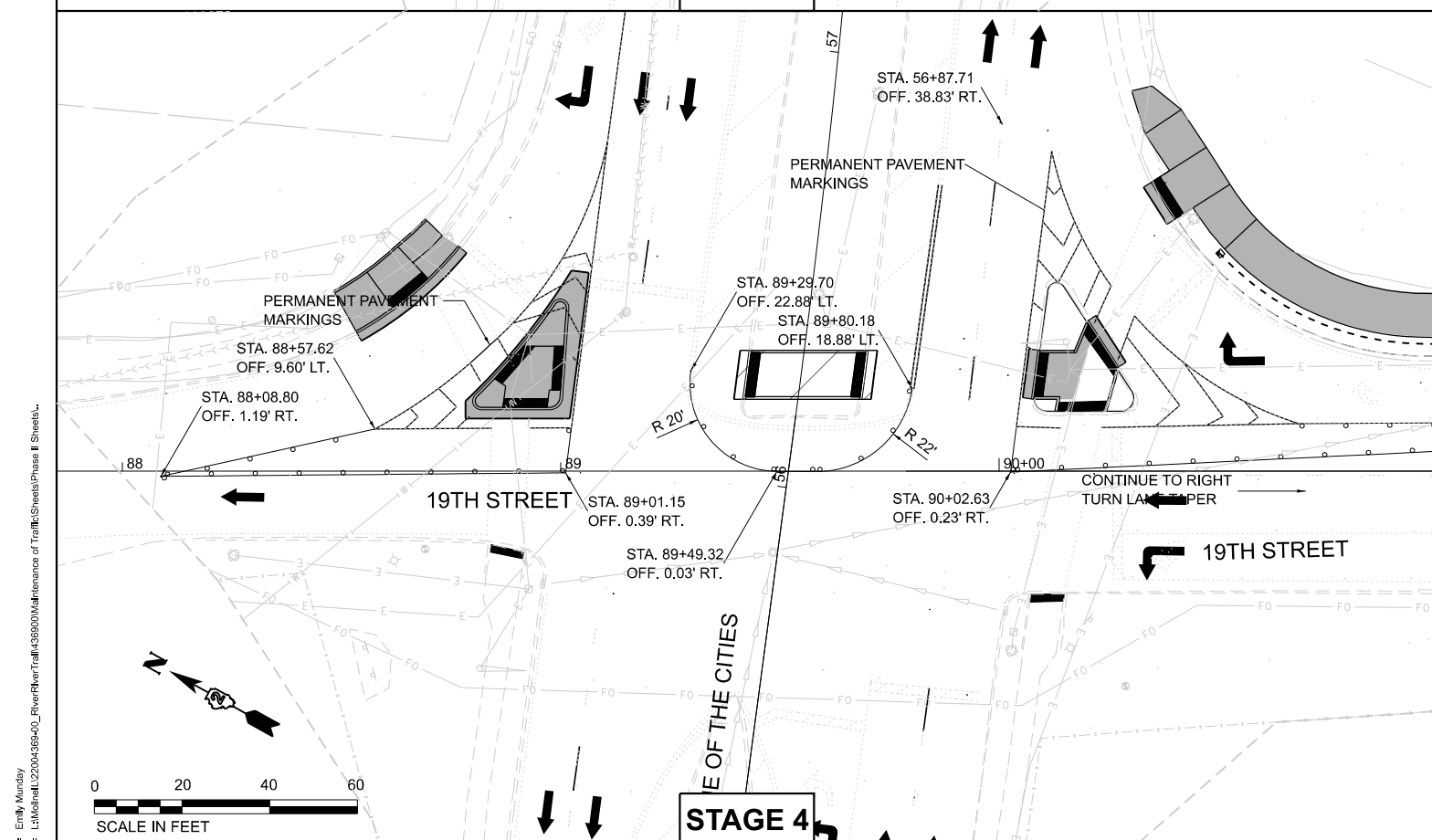
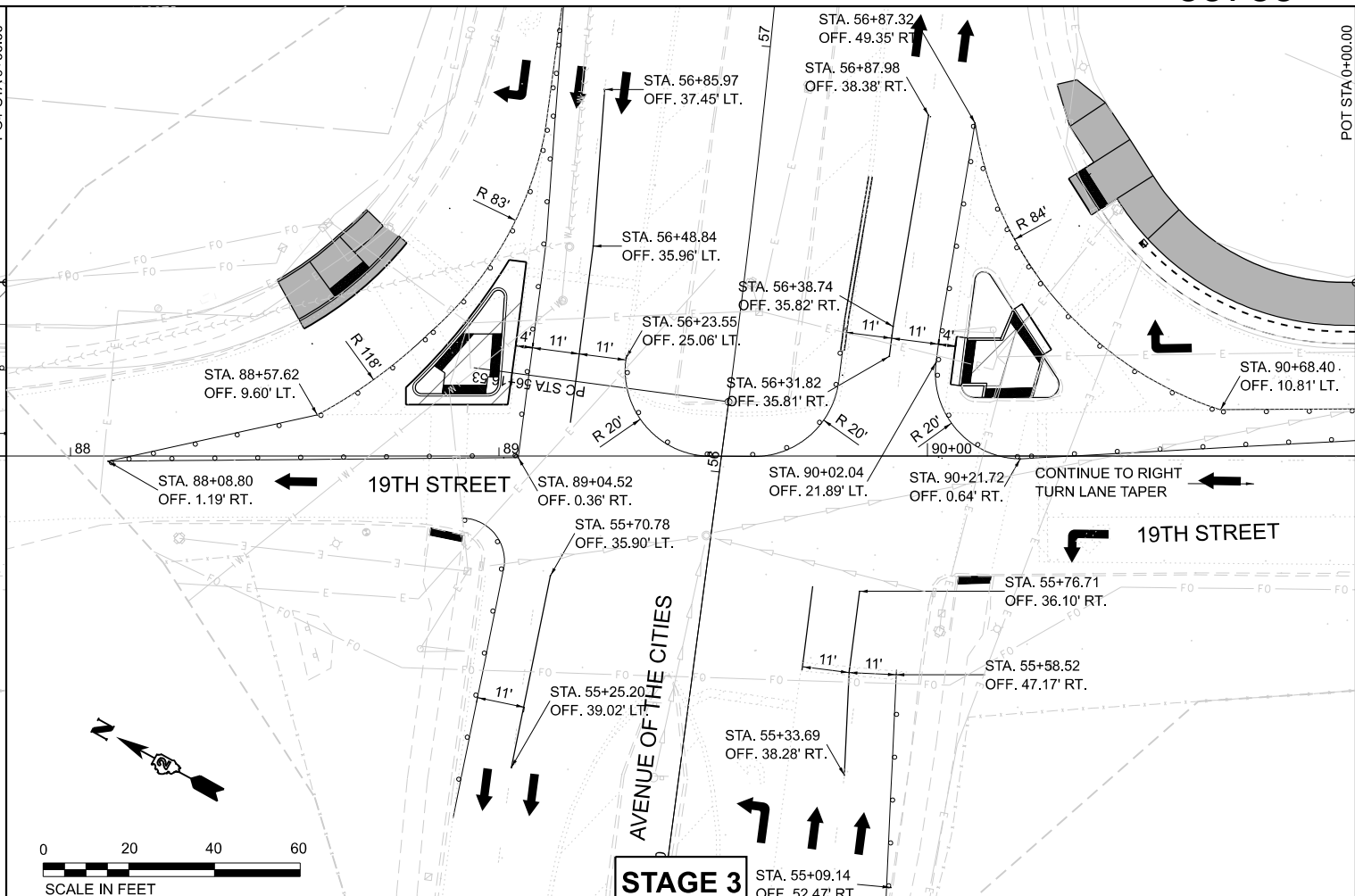
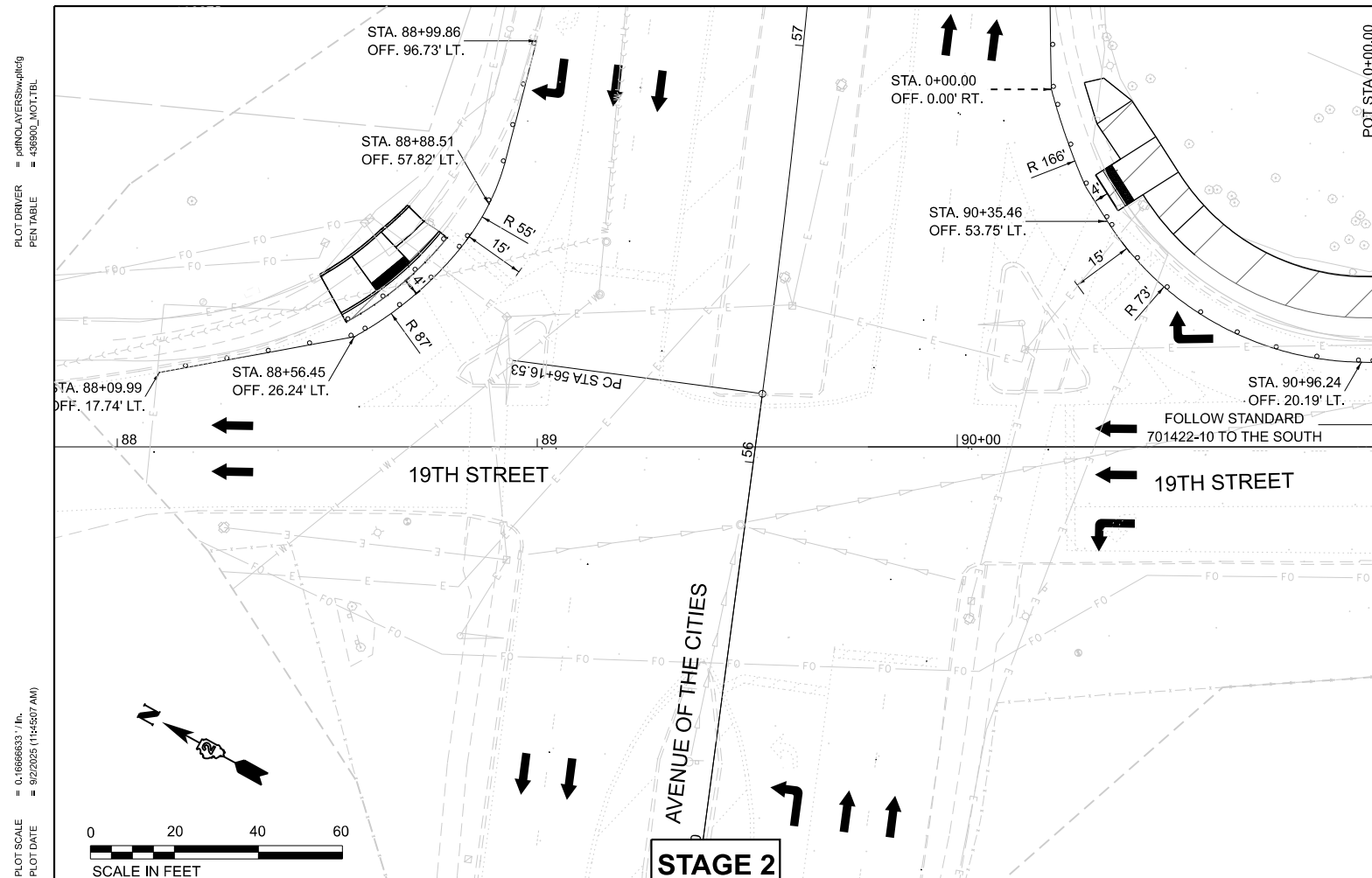
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION AND MAINTENANCE OF TRAFFIC
26TH ST AND 19TH ST SOUTHBOUND

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	49
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				



LEGEND

- STAGE WORK ZONE
- COMPLETED PAVEMENTS & CURB
- DRUM OR TY, II BARRICADE W/ STEADY-BURN LIGHT (50' C-C TYP., 25' C-C ON TAPERS & CURVES)
- TYPE III BARRICADE W/ STEADY-BURN LIGHT (PER IDOT STD. 701901)
- DIRECTION INDICATOR BARRICADE W/ STEADY-BURN LIGHT (50' C-C TYP.)
- DIRECTION OF TRAFFIC

TEMPORARY PAVEMENT MARKINGS

- ① 4" DOUBLE YELLOW (SOLID) @ 11" C-C
- ② 4" WHITE (SOLID)
- ③ 24" WHITE (STOP BAR)

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USER NAME = Emily Munday
DIRECTOR = Jennifer M. Hight
PROJECT = 2023-03-00_RiverRatTrail-438900-Erosion ControlSheetsPhase II Sheets..

EROSION CONTROL GENERAL NOTES:

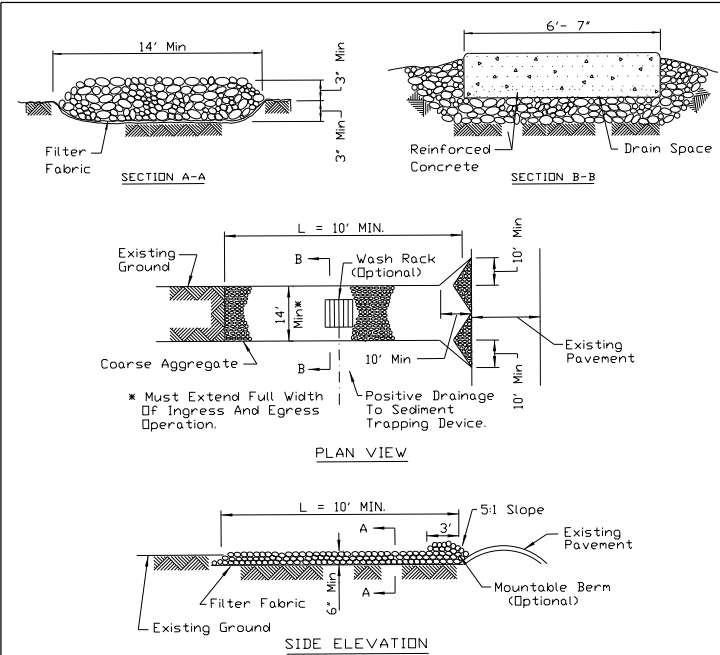
1. THE CONTRACTOR SHALL INSTALL ALL APPLICABLE EROSION CONTROL MEASURES PRIOR TO ANY SITE DISTURBANCE.
2. THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS SHOWN ON THIS EROSION CONTROL PLAN. MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
3. ALL UNSURFACED (OR PERMANENT NON-AGGREGATE) AREAS DISTURBED BY CONSTRUCTION OPERATIONS SHALL RECEIVE A MINIMUM 4" OF TOPSOIL AND SEEDED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. ALL TURF AREAS SHALL BE CHECKED REGULARLY TO MAINTAIN A HEALTHY STAND OF GRASS. AREAS SHALL BE RESEEDDED AS REQUIRED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT WHICH MAY COLLECT IN THE STORM SEWER OR CULVERT SYSTEM.
5. SEDIMENT SHALL BE REMOVED FROM STRAW WATTLES, DITCH CHECKS OR SILT FENCE WHEN IT REACHES ONE-HALF THE HEIGHT OF THE BARRIER IN PLACE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND SEDIMENTATION CONTROL MEASURES AS NECESSARY TO BE MAINTAINED IN FULLY FUNCTIONAL CONDITION THROUGHOUT THE ENTIRE PROJECT.
7. CONTRACTOR TO REMOVE ALL CONSTRUCTION DEBRIS, MUD, TEMPORARY FENCING, ETC. UPON COMPLETION OF CONSTRUCTION.
8. TEMPORARY EROSION CONTROL DEVICES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
9. ANY DEVIATION OF THE TEMPORARY EROSION CONTROL PLAN OR SCHEDULE BY THE CONTRACTOR SHALL BE AT THE DISCRETION OF THE ENGINEER.
10. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
11. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOATATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN UP FUEL OR CHEMICAL SPILLS AND LEAKS.

BEST MANAGEMENT PRACTICES SEQUENCE:

- THE CONTRACTOR SHALL ADHERE TO THE FOLLOWING SEQUENCE OF EVENTS DURING CONSTRUCTION AND SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY OF ANY CHANGES MADE TO THE PHASING:
1. INSTALL PERIMETER EROSION CONTROL AT EDGE OF LIMITS OF DISTURBANCE.
 2. PROVIDE INLET AND PIPE PROTECTION APPROPRIATE FOR INLET TYPE AND STAGE OF CONSTRUCTION. MAINTAIN INLETS TO BE FREE OF ACCUMULATED SEDIMENT DURING CONSTRUCTION. REPAIR/REPLACE AS NEEDED.
 3. BEGIN ROUGH GRADING OF SITE. TEMPORARILY STABILIZE ALL DISTURBED AREAS THAT WILL BE INACTIVE FOR 7 CALENDAR DAYS OR MORE (UNLESS CONSTRUCTION ACTIVITY WILL RESUME ON THAT PORTION WITHIN 14 DAYS.) THE LAST PASS ON ANY ROUGH GRADED SLOPE SHALL BE UP AND DOWN THE SLOPE, SO THAT DOZER TRACKS ARE LEFT PERPENDICULAR OR ACROSS THE SLOPE, NOT IN LINE WITH IT.
 4. MAINTAIN PERIMETER EROSION CONTROL (SILT FENCE, STRAW WATTLES) TO BE FREE OF ACCUMULATED SEDIMENT. REPAIR AS NEEDED AND REPLACE WHEN DAMAGED.
 5. PROVIDE CONCRETE WASHOUT FACILITIES IN ACCORDANCE WITH ILLINOIS URBAN MANUAL FOR ALL CEMENTITIOUS MATERIALS INCLUDING PORTLAND CEMENT CONCRETE, MORTAR, STUCCO, PAINT AND/OR GROUT. WASH WATERS CANNOT BE DISCHARGED EITHER INTO THE GROUND OR SEWERS. CLEAN CONCRETE WASH OUT FACILITIES TO MAINTAIN CAPACITIES. WASHOUT BASINS SHALL BE INCIDENTAL TO ANY CONCRETE PAY ITEMS.
 6. PAVE SITE AND APPURTENANCES. COMPLETE FINAL STABILIZATION OF SITE.
 7. PERFORM FINAL GRADING, LANDSCAPING AND SEEDING AS SHOWN. MAINTAIN BMP'S IN PLACE UNTIL ALL VEGETATED AREAS HAVE ACHIEVED FINAL STABILIZATION REQUIREMENTS (UNIFORM 70% COVERAGE).
 8. WHEN FINAL STABILIZATION IS ACHIEVED AS DETERMINED BY OWNER'S REPRESENTATIVE. REMOVE ALL TEMPORARY BMP'S.

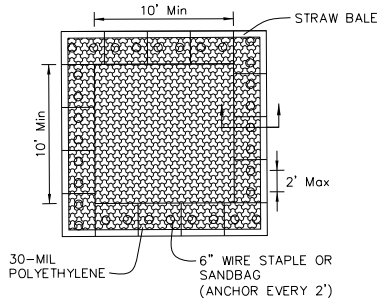
EROSION CONTROL MAINTENANCE:

- ALL MEASURES STATED ON THIS EROSION CONTROL PLAN SHALL BE MAINTAINED IN A FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. THE LABOR AND MATERIALS ASSOCIATED WITH MAINTAINING EROSION CONTROL MEASURES SHALL NOT BE CONSIDERED FOR ADDITIONAL COMPENSATION AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR THE VARIOUS EROSION CONTROL MEASURES. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED CONTRACTOR REPRESENTATIVE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE ENDING OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
 2. ALL TURF AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RE-SEEDED AS NEEDED.
 3. PERIMETER EROSION CONTROL SYSTEMS SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED WHEN IT REACHES ONE-HALF THE HEIGHT OF THE CONTROL DEVICE.
 4. THE SITE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF DEBRIS ONTO ADJACENT PAVEMENTS AND DRIVEWAYS. THIS MAY REQUIRE PERIODIC SEDIMENT REMOVAL BY THE CONTRACTOR AS CONDITIONS DEMAND.
 5. THE CONTRACTOR SHALL SWEEP AND REMOVE ANY SOIL TRACKED ONTO THE STREET BY THE END OF THE WORKDAY OR BEFORE FOUR (4) HOURS HAS ELAPSED, WHICHEVER IS SOONER.

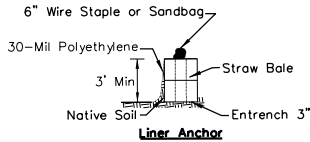


STABILIZED CONSTRUCTION ENTRANCE
NRCS STANDARD DRAWING IL-630

SEEDDED AREA	1.75 AC
IMPERVIOUS AREA	1.45 AC
TOTAL DISTURBED AREA	3.20 AC

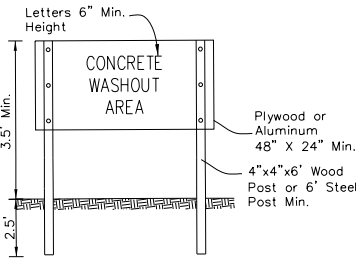


PLAN VIEW



Liner Anchor

STRAW BALE ANCHOR SECTIONS



SIGN DETAIL

NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
3. Each straw bale is to be staked in place using (2) 2"x2"x4' wooden stakes.

TEMPORARY CONCRETE
WASHOUT FACILITY - STRAW BALE
ILLINOIS URBAN MANUAL DETAIL IMU-654SB



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DATE -	AUGUST 2025

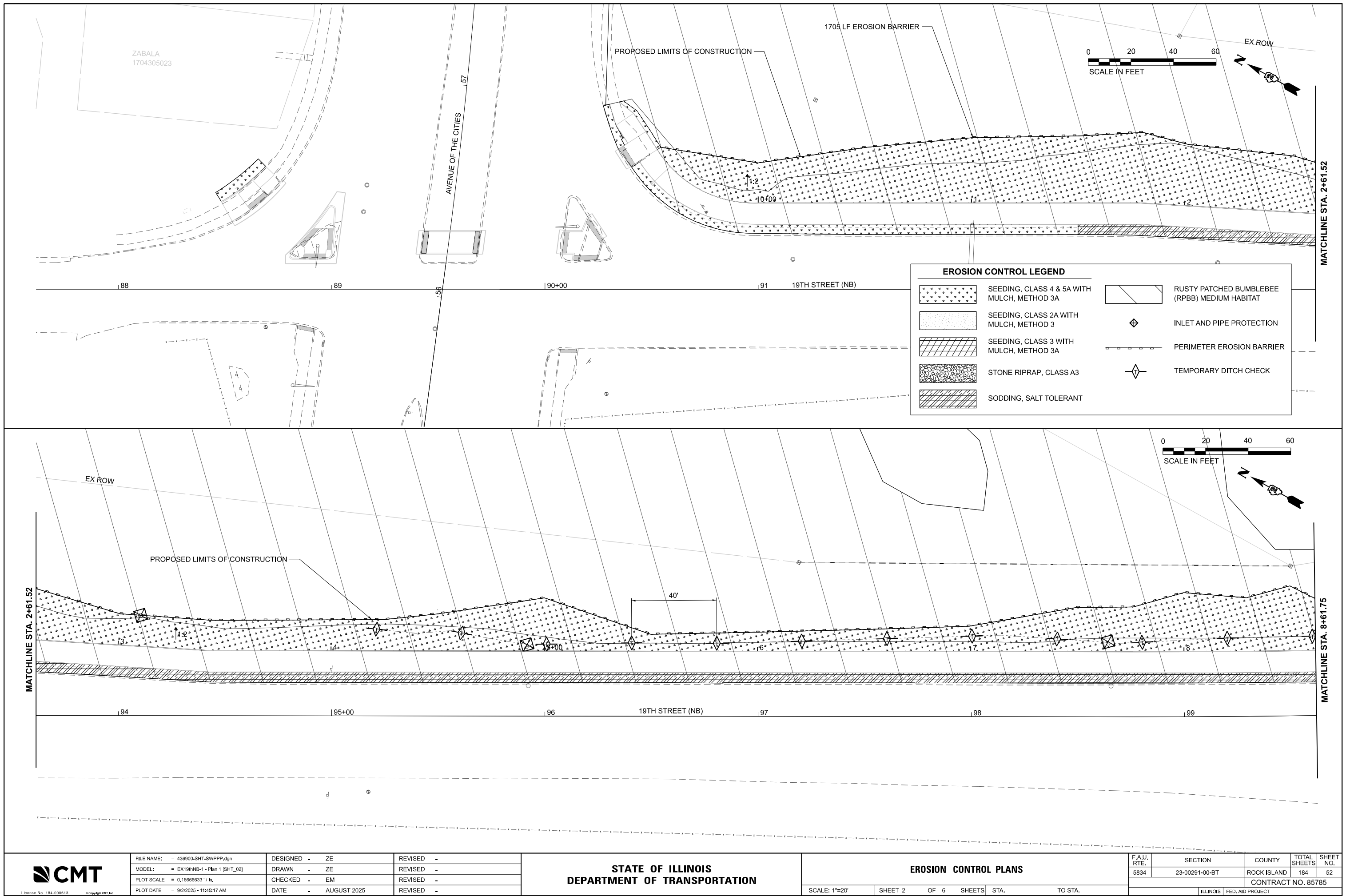
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLANS
GENERAL NOTES

SCALE: NTS	SHEET 1	OF 6	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	51
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				



USER NAME
DIRECTOR

FILE NAME
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PLOT SCALE
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9/2/2025 (11:45:19 AM)

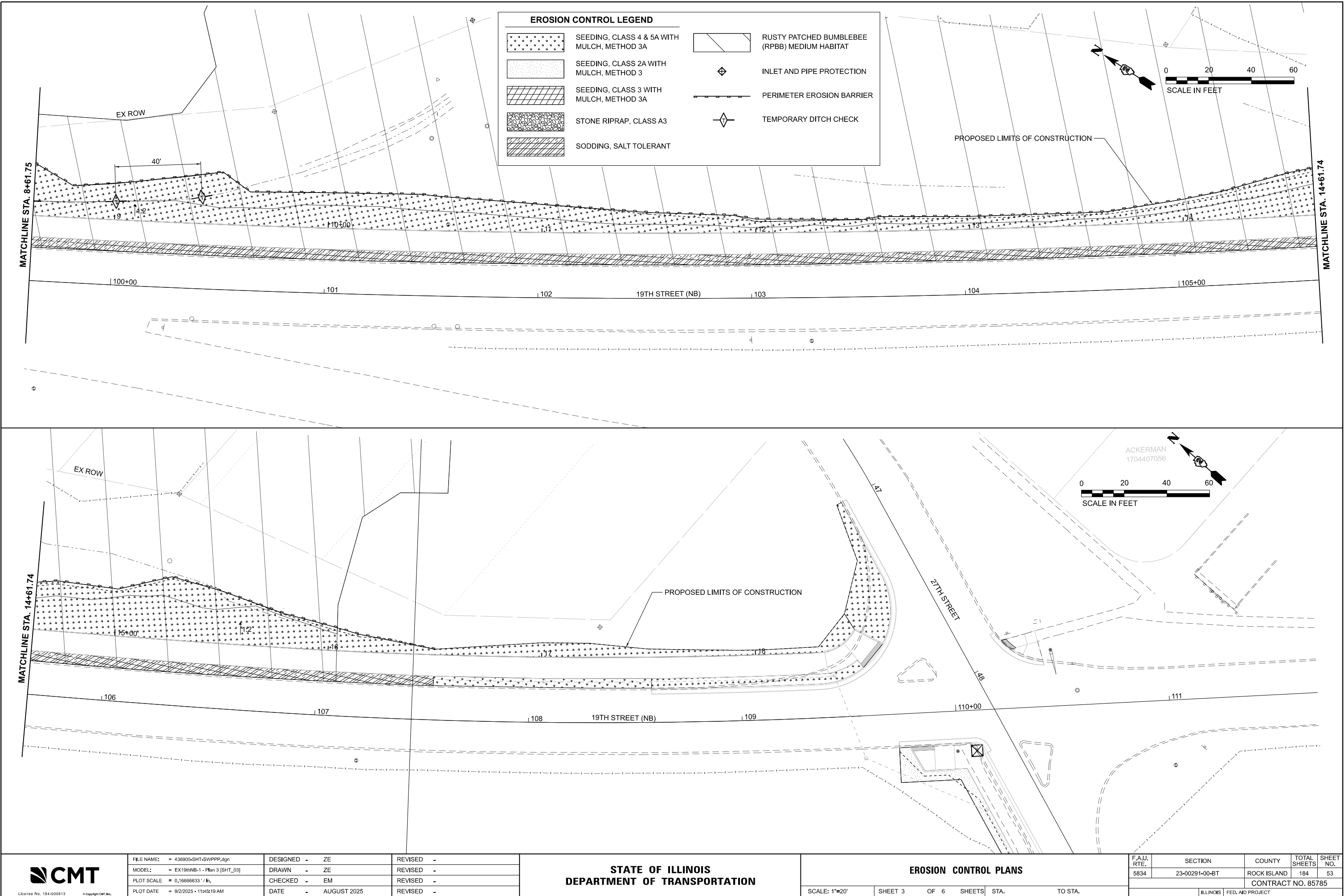
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PLOT SCALE
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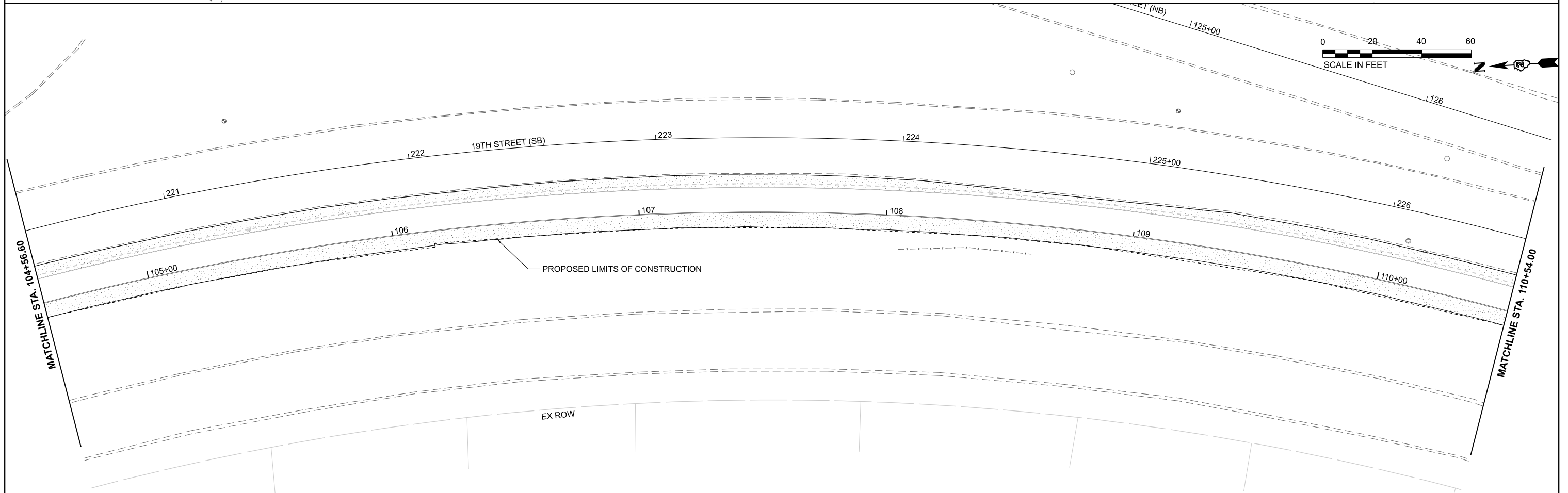
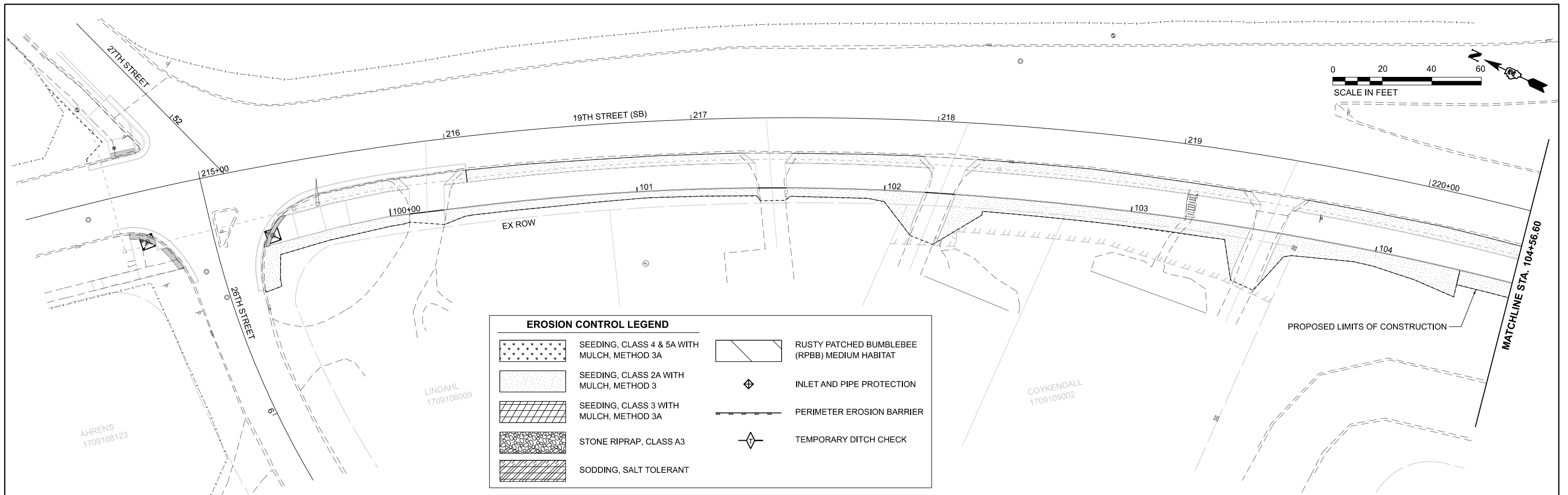
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

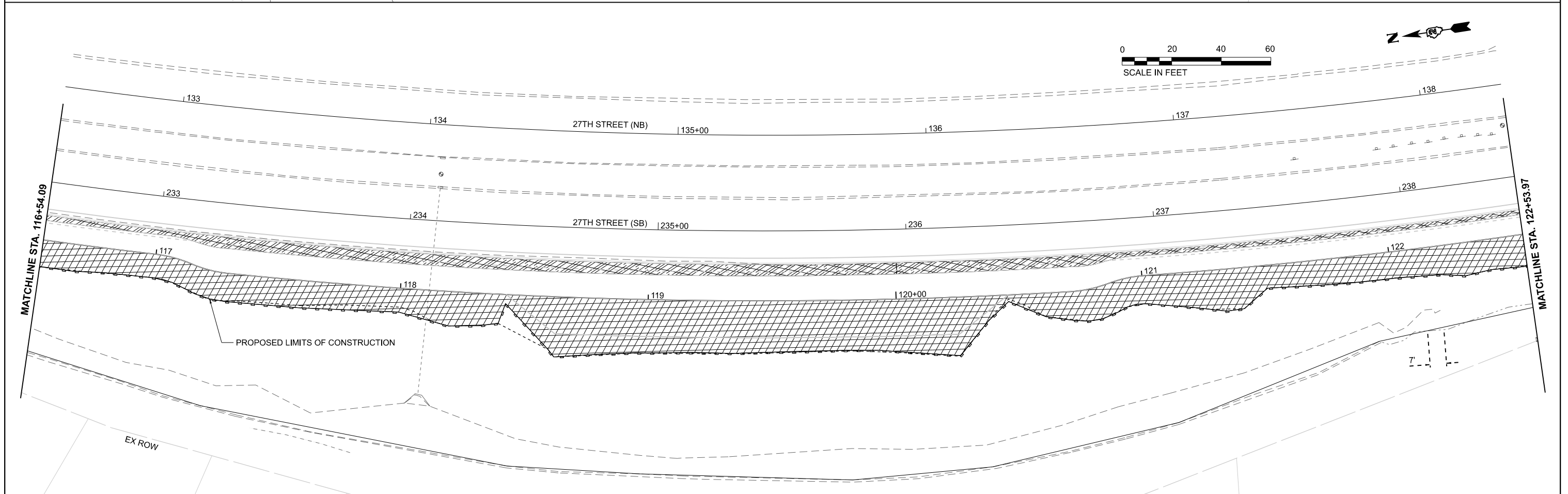
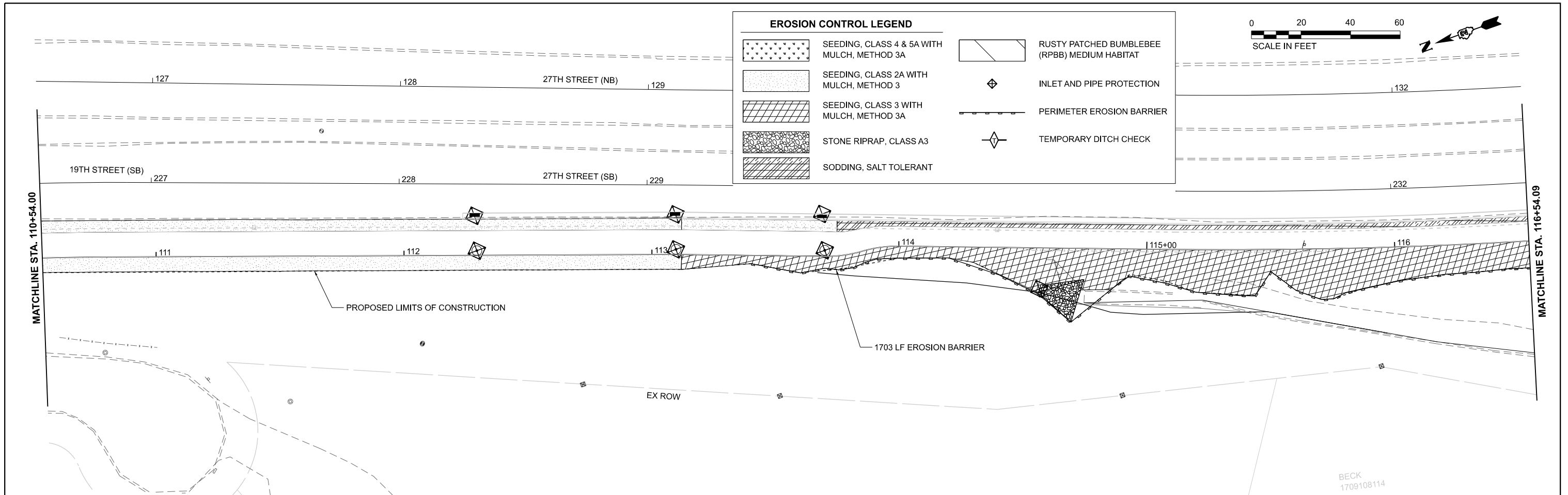
EROSION CONTROL PLANS

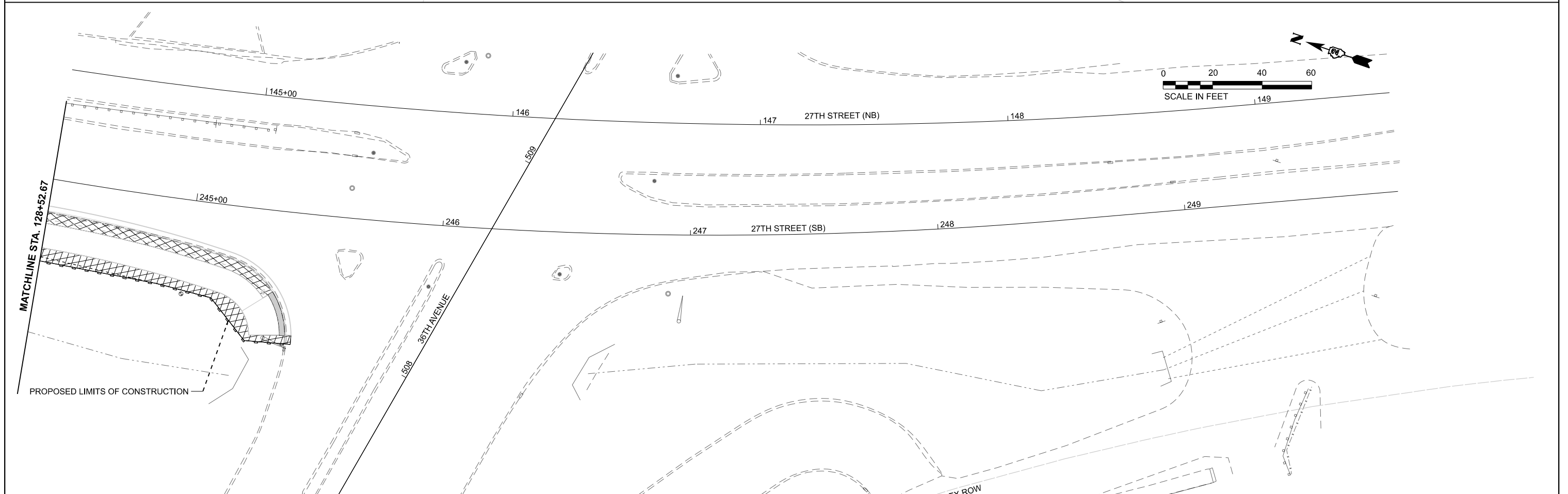
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CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				



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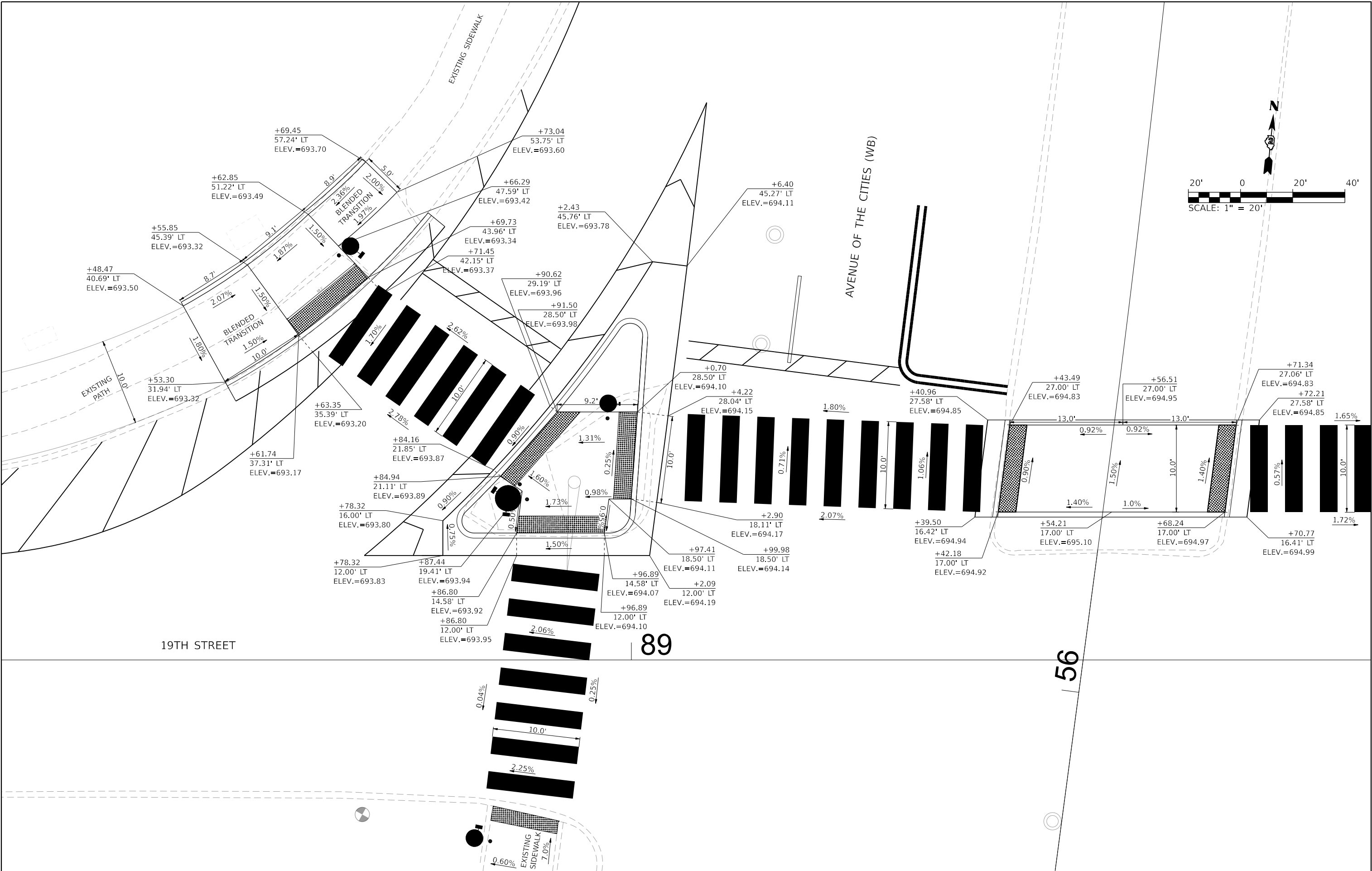


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										ILLINOIS FED. AID PROJECT			

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DATE - AUGUST 2025

REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL

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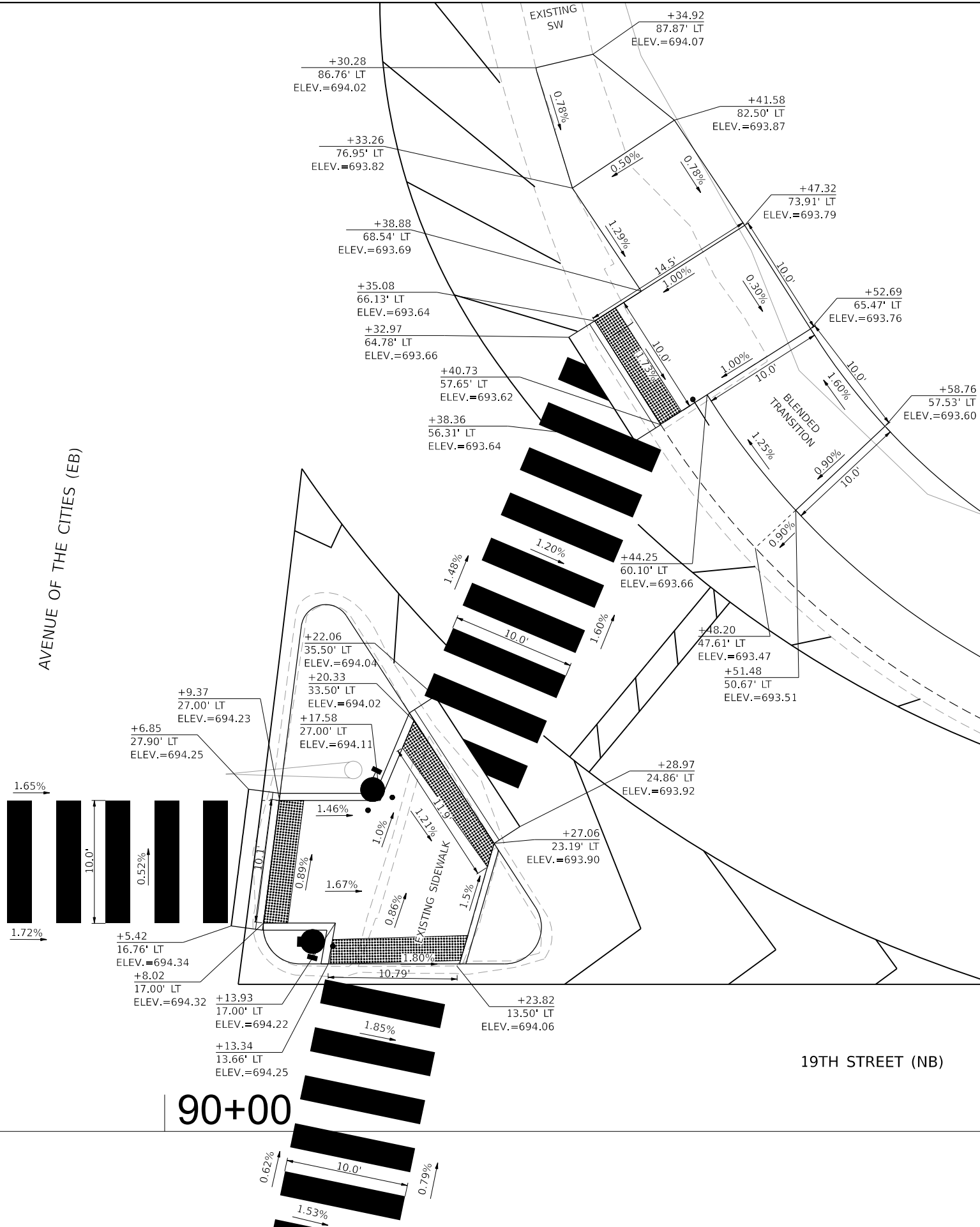
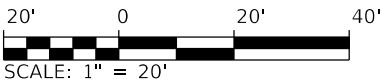
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CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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AVENUE OF THE CITIES (EB)



19TH STREET (NB)

90+00

91



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL

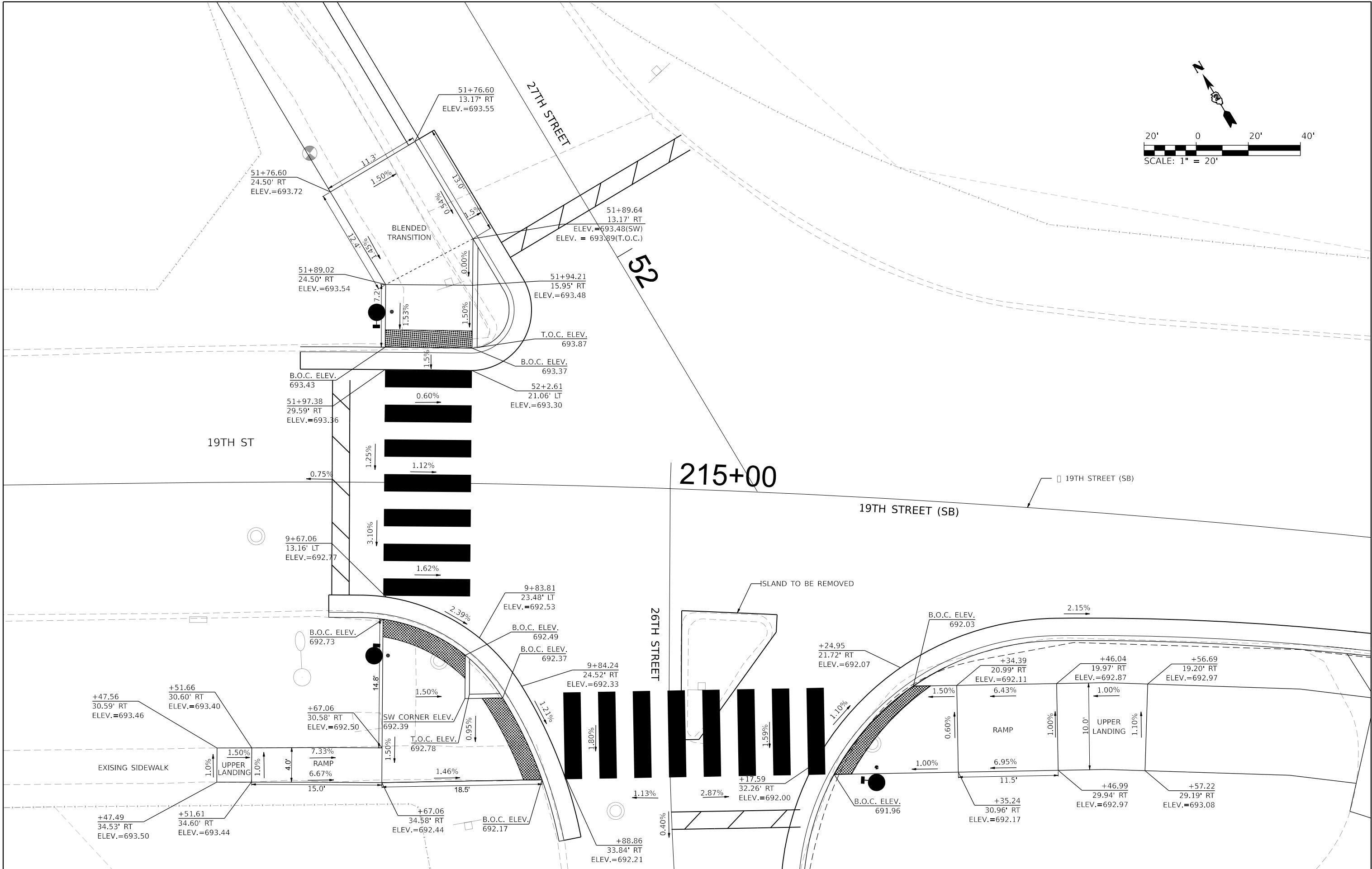
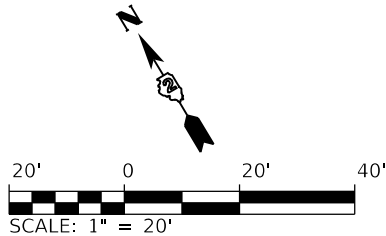
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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CHECKED - EM
DATE - AUGUST 2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL

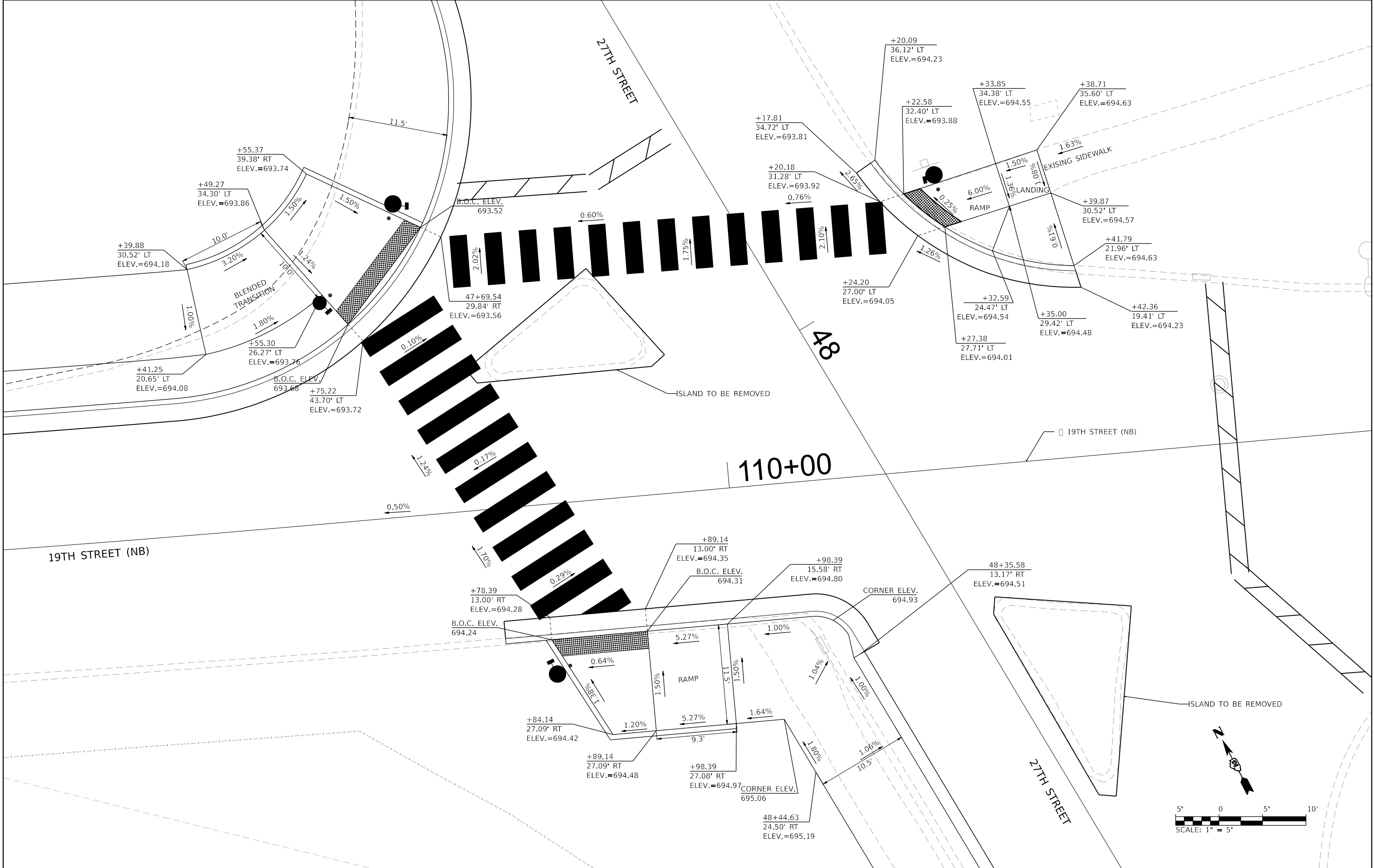
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CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL

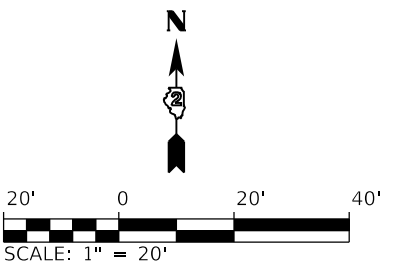
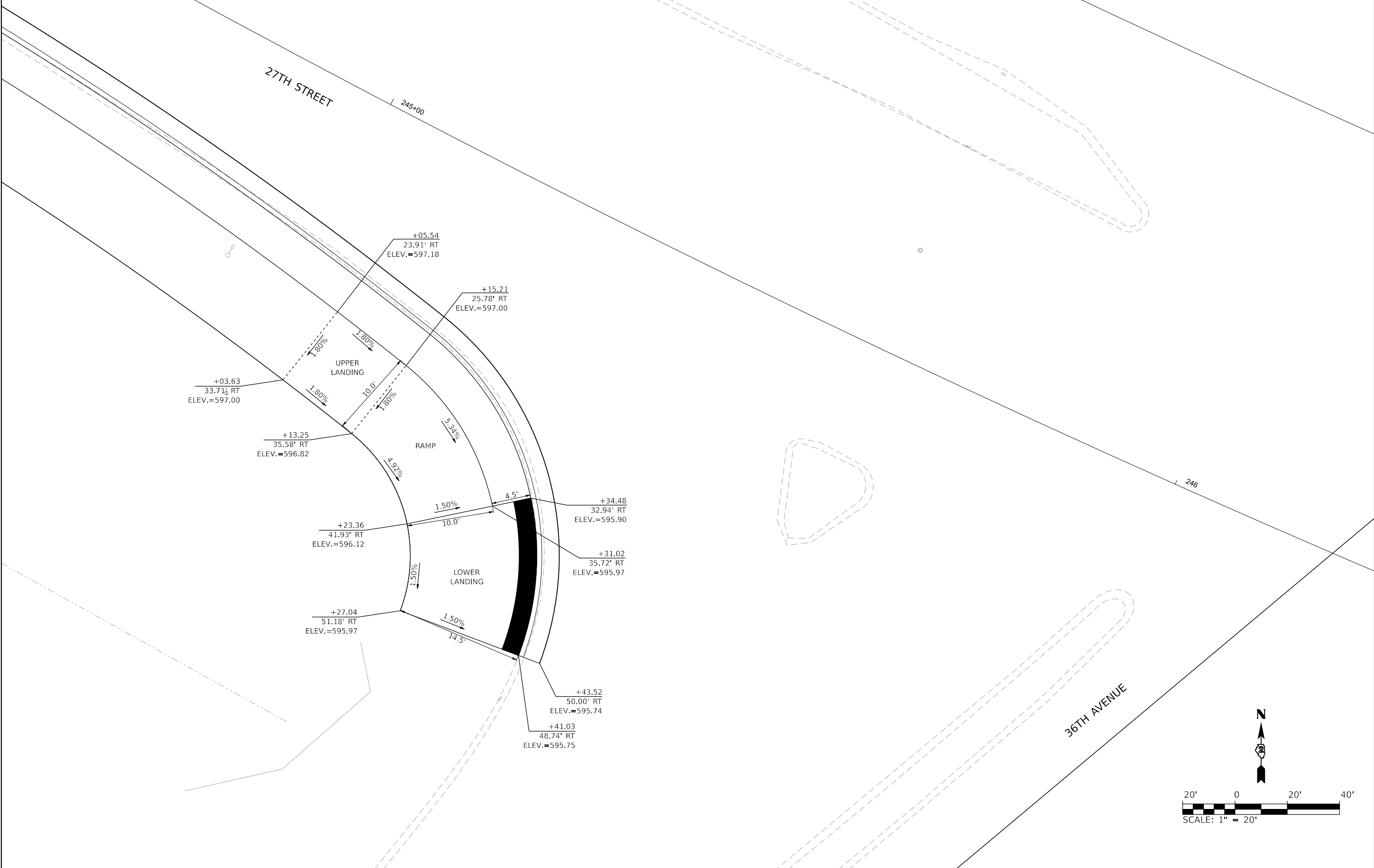
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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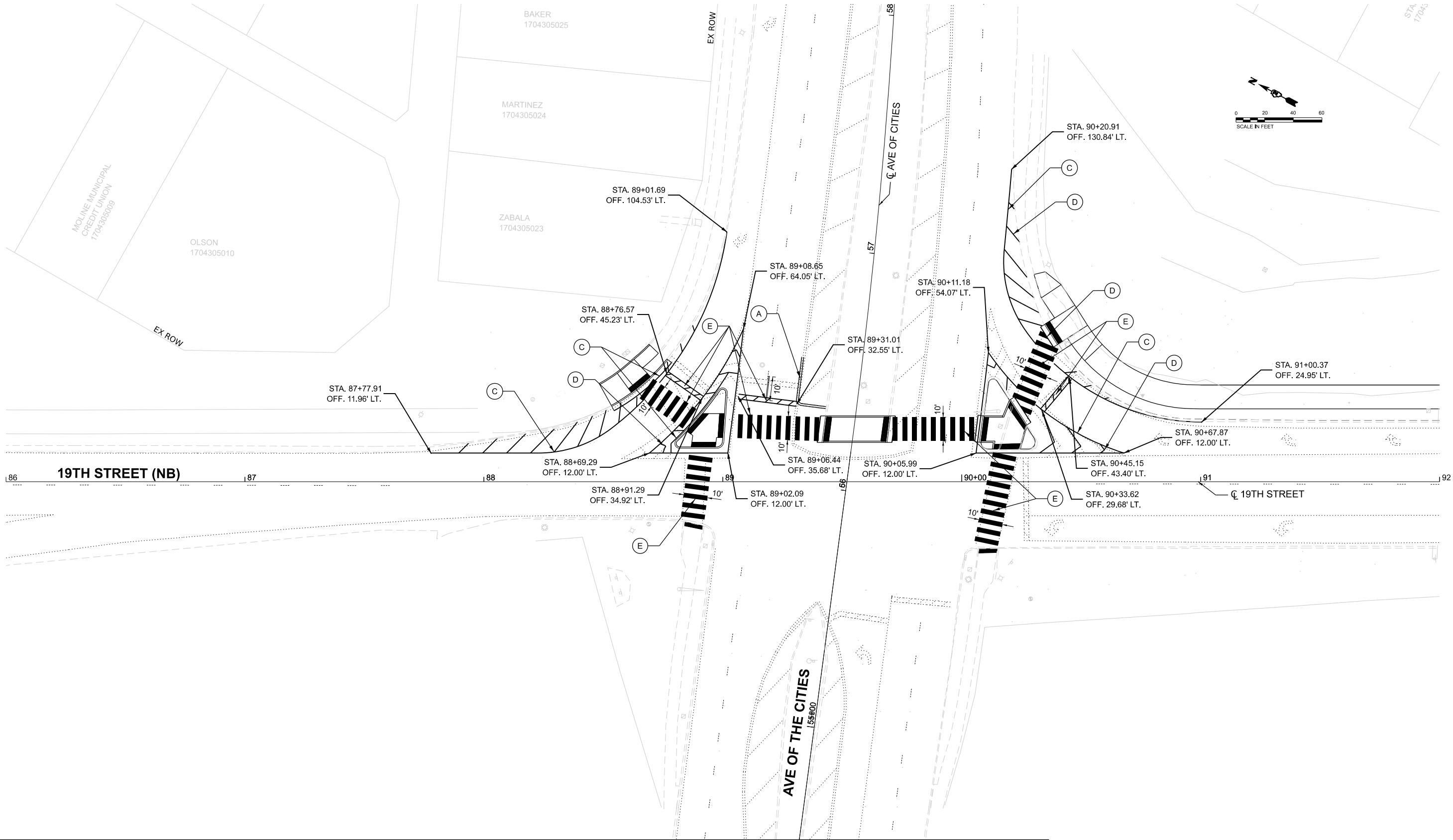
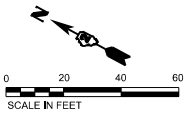


 License No. 184-000613 © Copyright CMT, Inc.	FILE NAME: = 436900-IntersectionDetail.dgn	DESIGNED - ZE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	MODEL: = Untitled (SHT_05)	DRAWN - ZE	REVISED -						5834	23-00-291-00-BT	ROCK ISLAND	184	61
	PLOT SCALE = 0.16666633' / In.	CHECKED - EM	REVISED -		CONTRACT NO. 85785								
	PLOT DATE = 9/2/2025 11:45:33 AM	DATE - AUGUST 2025	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE: 1"=20'	SHEET 5	OF 5 SHEETS	STA.	TO STA.				

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PEN TABLE = 436900_PMK.tbl

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PLOT DATE = 9/2/2025 (11:54:40 AM)

USER NAME = Emily Mundy
DIRECTORY = L:\main\1220\436900_RiverRte\Trail\436900\Signing and Markings\Sheets\Phase II Sheets\



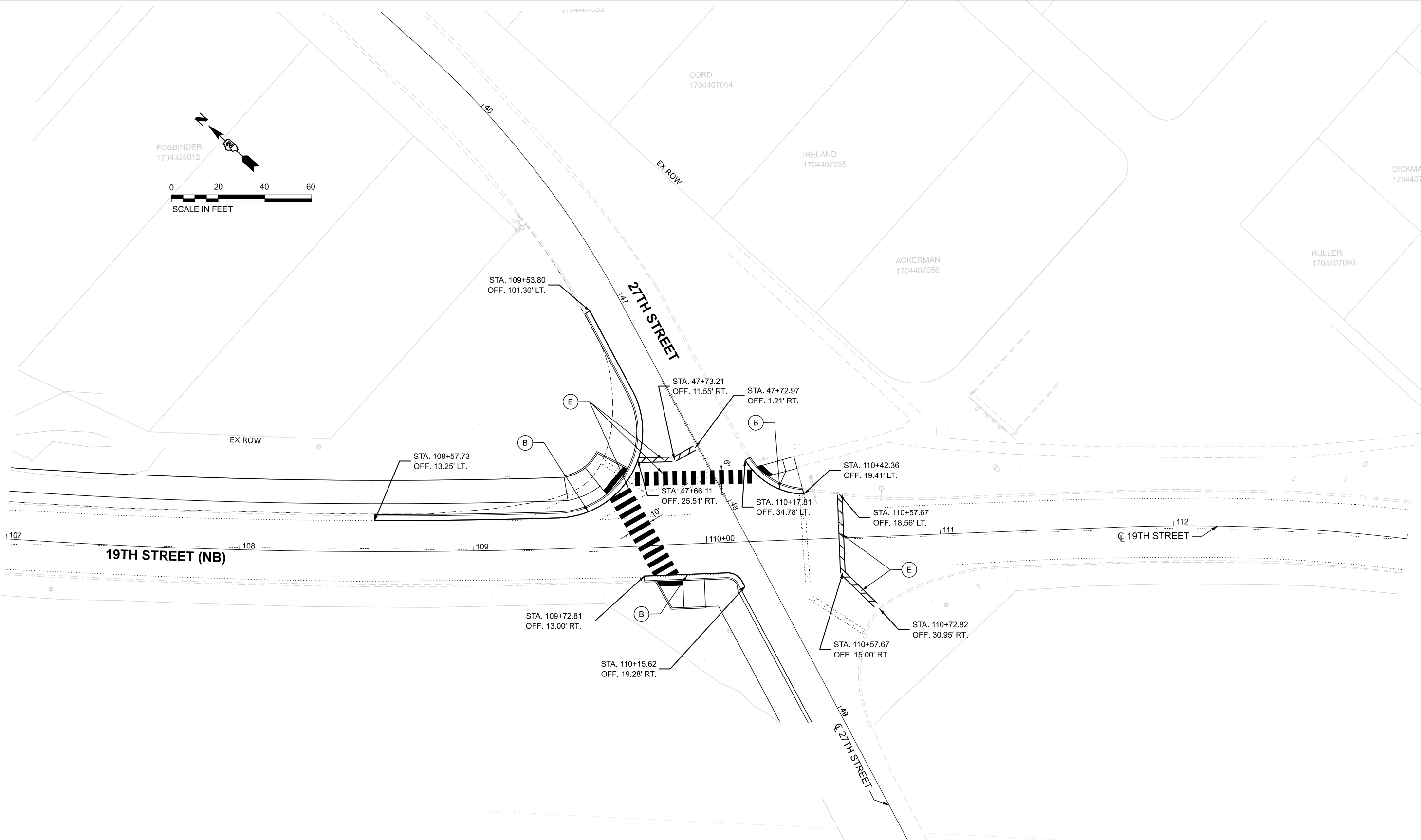
LEGEND					
	EXISTING GROUND MOUNTED SIGN		ONE-WAY CRYSTAL MARKER	(A)	MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) (2-4: @ 11" C-C) (78009004)
	PROP. GROUND MOUNTED SIGN		ONE-WAY AMBER MARKER	(B)	MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (WHITE) (78009004)
			TWO-WAY AMBER MARKER	(C)	MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE) (78009006)
				(D)	MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE) (78009012) (30' C-C)
				(E)	MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (WHITE) (78009024)

 License No. 184-00613 © Copyright CMT, Inc.	FILE NAME: = 436900-SHT-PMK and Signing.dgn	DESIGNED - ZE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN 19TH STREET	F.A.U. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	MODEL: = SHT_01	DRAWN - ZE	REVISED -			5834	23-00291-00-BT	ROCK ISLAND	184	62	
	PLOT SCALE = 0.16666633 " / In.	CHECKED - EM	REVISED -			CONTRACT NO. 85785					
	PLOT DATE = 9/2/2025 + 11:45:40 AM	DATE - AUGUST 2025	REVISED -								
						SCALE: 1"=20'	SHEET 1	OF 3	SHEETS	STA. 86+00	TO STA. 92+00

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PEN TABLE = 43890_L_PNK.TBL

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PLOT DATE = 9/2/2025 (11:45:42 AM)

USER NAME = Emily Munday
DIRECTORY = L:\Main\1220\43890_00_RiverRt\Trail\43890\Signing and Markings\Sheets\Phase II Sheets\..



LEGEND					
	EXISTING GROUND MOUNTED SIGN		ONE-WAY CRYSTAL MARKER	(A)	MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) (2-4: @ 11" C-C) (78009004)
	PROP. GROUND MOUNTED SIGN		ONE-WAY AMBER MARKER	(B)	MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (WHITE) (78009004)
			TWO-WAY AMBER MARKER	(C)	MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE) (78009006)
				(D)	MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE) (78009012) (30' C-C)
				(E)	MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (WHITE) (78009024)



FILE NAME:	= 438900-SHT-PMK and Signing.dgn	DESIGNED	- ZE	REVISED	-
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN
27TH STREET

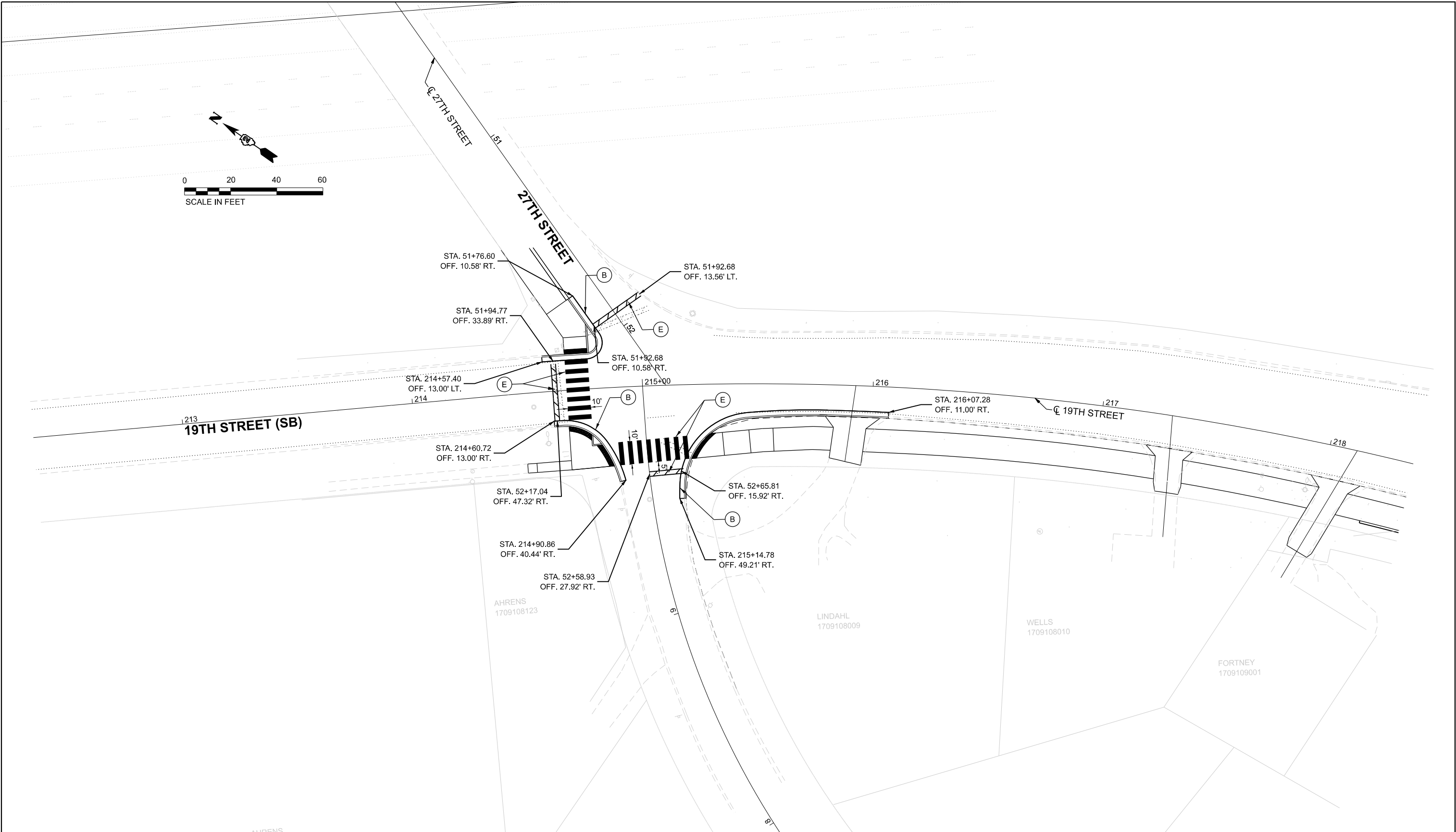
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	63
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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USER NAME = Emily Munday
DIRECTORY = L:\Main\1220\436900_RiverRte\Trail\436900\Signing and Markings\Sheets\Phase II Sheets\



LEGEND					
	EXISTING GROUND MOUNTED SIGN		ONE-WAY CRYSTAL MARKER	(A)	MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW) (2-4: @ 11" C-C) (78009004)
	PROP. GROUND MOUNTED SIGN		ONE-WAY AMBER MARKER	(B)	MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (WHITE) (78009004)
			TWO-WAY AMBER MARKER	(C)	MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE) (78009006)
				(D)	MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE) (78009012) (30' C-C)
				(E)	MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (WHITE) (78009024)

 License No. 184-000613 © Copyright CMT, Inc.	FILE NAME: = 436900-SHT-PMK and Signing.dgn	DESIGNED - ZE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN 27TH STREET			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 9/2/2025 - 11:45:44 AM	DATE - AUGUST 2025	REVISED -		SHEET 3	OF 3 SHEETS	STA. 212+30.00 TO STA. 218+30.00	ILLINOIS FED. AID PROJECT				

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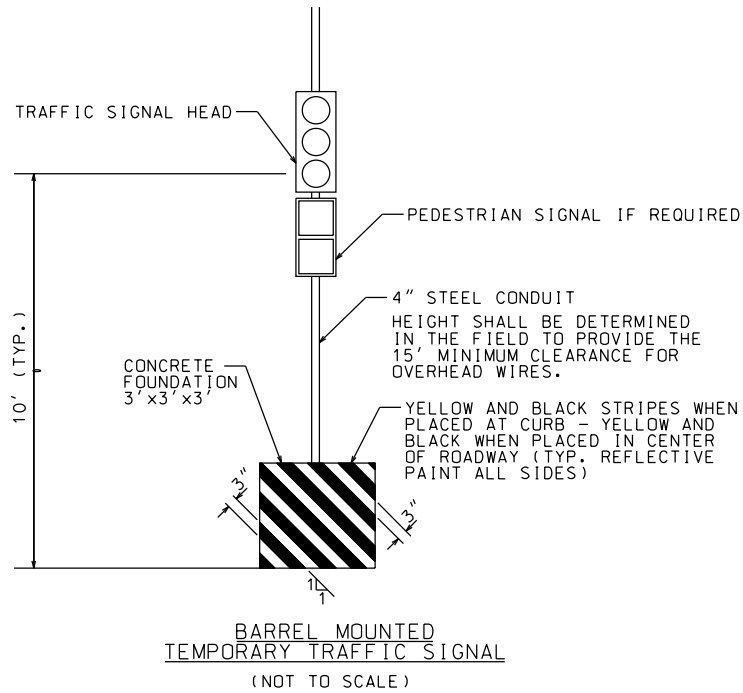
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INDEX OF SHEETS

1	65	TRAFFIC SIGNALS - INDEX OF SHEETS AND STANDARDS
2	66	TRAFFIC SIGNAL - SCHEDULE OF QUANTITIES
3	67	TRAFFIC SIGNAL DETAIL - LEGEND
4	68	TRAFFIC SIGNAL - AVENUE OF THE CITIES AND 19TH - SUMMARY OF QUANTITIES
5	69	TEMPORARY TRAFFIC SIGNAL PLAN - AVENUE OF THE CITIES AND 19TH STREET - EXISTING
6	70	TEMPORARY TRAFFIC SIGNAL CABLE PLAN - PRESTAGE TO STAGE 2 - AVENUE OF THE CITIES AND 19TH STREET
7	71	TEMPORARY TRAFFIC SIGNAL CABLE PLAN - STAGE 3 - AVENUE OF THE CITIES AND 19TH STREET
8	72	TEMPORARY TRAFFIC SIGNAL CABLE PLAN - STAGE 4 - AVENUE OF THE CITIES AND 19TH STREET
9	73	PROPOSED TRAFFIC SIGNAL PLAN - AVENUE OF THE CITIES AND 19TH STREET
10	74	PROPOSED TRAFFIC SIGNAL CABLE PLAN - AVENUE OF THE CITIES AND 19TH STREET
11	75	TRAFFIC SIGNAL - 27TH AND 19TH - SUMMARY OF QUANTITIES
12	76	TEMPORARY TRAFFIC SIGNAL PLAN - 27TH STREET AND 19TH STREET
13	77	TEMPORARY TRAFFIC SIGNAL PLAN PRESTAGE TO STAGE 4 - 27TH STREET AND 19TH STREET
14	78	TEMPORARY TRAFFIC SIGNAL CABLE PLAN - STAGE 1 - 27TH STREET AND 19TH STREET
15	79	TEMPORARY TRAFFIC SIGNAL CABLE PLAN - STAGE 2 TO OPEN - 27TH STREET AND 19TH STREET
16	80	PROPOSED TRAFFIC SIGNAL PLAN - 27TH STREET AND 19TH STREET
17	81	PROPOSED TRAFFIC SIGNAL CABLE PLAN - 27TH STREET AND 19TH STREET
18	82	TRAFFIC SIGNAL - 26TH AND 19TH - SUMMARY OF QUANTITIES
19	83	TEMPORARY TRAFFIC SIGNAL PLAN - 26TH STREET AND 19TH STREET
20	84	TEMPORARY TRAFFIC SIGNAL PLAN PRESTAGE TO STAGE 4 - 26TH STREET AND 19TH STREET
21	85	TEMPORARY TRAFFIC SIGNAL CABLE PLAN - STAGE 1 - 26TH STREET AND 19TH STREET
22	86	TEMPORARY TRAFFIC SIGNAL CABLE PLAN - STAGE 2 & 3 - 26TH STREET AND 19TH STREET
23	87	TEMPORARY TRAFFIC SIGNAL CABLE PLAN - STAGE 4 - 26TH STREET AND 19TH STREET
24	88	PROPOSED TRAFFIC SIGNAL PLAN - 26TH STREET AND 19TH STREET
25	89	PROPOSED TRAFFIC SIGNAL CABLE PLAN - 26TH STREET AND 19TH STREET

I.D.O.T. HIGHWAY STANDARD DRAWINGS

814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
838001-01	BREAKAWAY DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877011-10	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877012-07	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001-11	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS



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PLOT DATE	= 9/2/2025 - 11:46:02 AM	DATE -	AUGUST 2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNALS
INDEX OF SHEETS AND STANDARDS

SCALE: 1"=20' SHEET 1 OF 25 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	65
CONTRACT NO. 85785				
		ILLINOIS	FED. AID PROJECT	

	EXISTING	PROPOSED	TEMPORARY
CONTROLLER CABINET AND UNINTERRUPTIBLE POWER SUPPLY			
MASTER CONTROLLER			
COMMUNICATION CABINET			
RAILROAD CONTROLLER CABINET			
SERVICE INSTALLATION - POLE MOUNTED			
SERVICE INSTALLATION GROUND MOUNTED / GROUND MOUNTED METERED			
TELEPHONE CONNECTION			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			
WOOD POLE			
PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS			
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER			
PEDESTRIAN PUSH BUTTON / ACCESSIBLE PEDESTRIAN PUSH BUTTON (APS)	APS	APS	APS
RADAR DETECTION SENSOR			
VIDEO DETECTION CAMERA			
PAN, TILT, ZOOM (PTZ) CAMERA			
EMERGENCY VEHICLE LIGHT DETECTOR / CONFIRMATION BEACON			
WIRELESS INTERCONNECT			
GROUND ROD			
ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"			
DETECTOR LOOP, TYPE I			
PREFORMED DETECTOR LOOP			

PLOT DRIVER = HPPLLOT, AVERSW, 4141d
PEN TABLE = 438900, Signals, TBL

PLOT SCALE = 0.16666667"/in
PLOT DATE = 9/23/2025 (12:33:49 PM)

USER NAME = Emily Mundy
DIRECTORY = L:\Main\122004389_00_RiverRise\Traffic\438900\Signalization\Sheets...

SUMMARY OF QUANTITIES				
	Code No.	Item	Unit	Total Quantity
	72000100	SIGN PANEL - TYPE 1	SQ FT	7
	80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
	81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	50
	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	176
	81400100	HANDHOLE	EACH	1
	81400300	DOUBLE HANDHOLE	EACH	1
	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1639.5
	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1711
	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2155
	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	30
	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	554
	87502640	TRAFFIC SIGNAL POST, ALUMINUM 10 FT.	EACH	6
	87702890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	1
	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	18
	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4
	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	11
	87900200	DRILL EXISTING HANDHOLE	EACH	9
	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	3
	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	10
	88200100	TRAFFIC SIGNAL BACKPLATE	EACH	3
	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
	89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2477
	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	8
	89502380	REMOVE EXISTING HANDHOLE	EACH	1
	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3C	FOOT	418
	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10
	X8809005	LED SIGNAL FACE, LENS COVER	EACH	3
	X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	3



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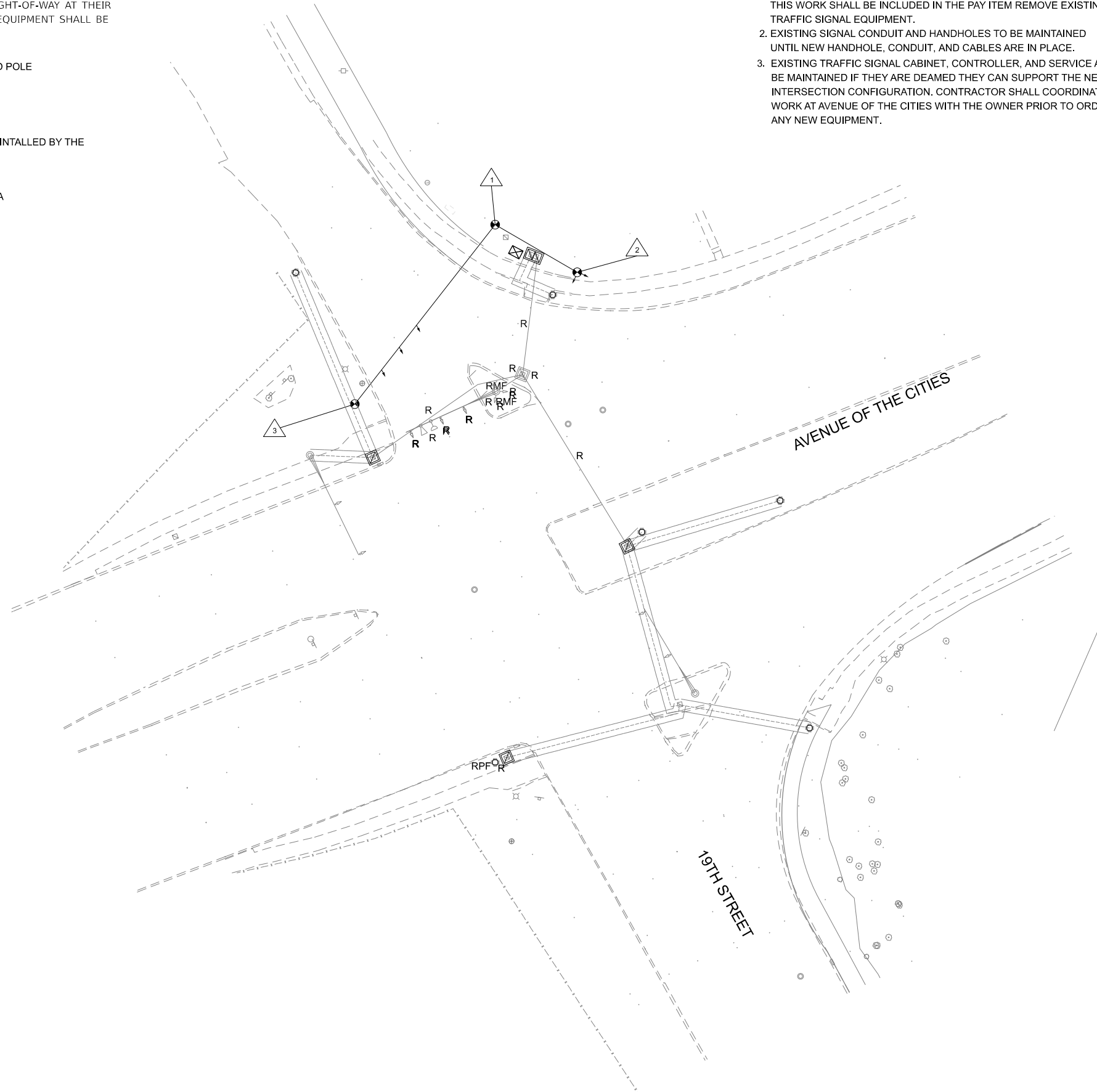
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNALS – AVENUE OF THE CITIES AND 19TH
SUMMARY OF QUANTITIES

SCALE: 1"=20' SHEET 4 OF 25 SHEETS STA. STA TO TO STA. STA FROM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	68
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

<u>POLE</u>	<u>STATION</u>	<u>OFFSET</u>
1	88+44.06	47.58' LT
2	88+71.62	64.02' LT
3	88+73.97	24.36' RT



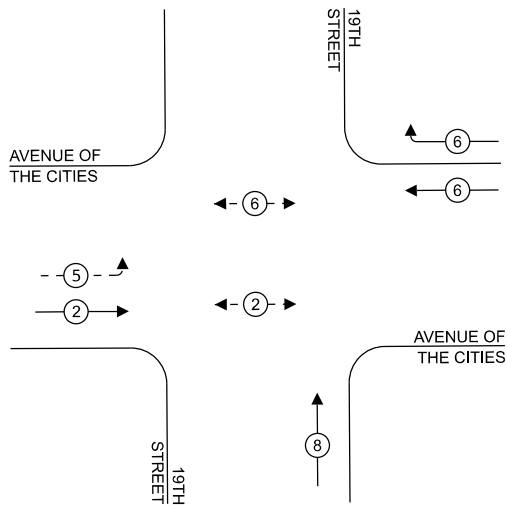
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The diagram shows a four-way intersection of 19th Street and Avenue of the Cities. The intersection is divided into four quadrants by a vertical center line and a horizontal center line. The vertical center line has a dashed line on the left side and a solid line on the right side. The horizontal center line has a dashed line on the top side and a solid line on the bottom side. The intersection is controlled by traffic signals. The signals for the horizontal street (Avenue of the Cities) are located on the left side of the intersection, with a red light (5) and a green light (2). The signals for the vertical street (19th Street) are located on the right side of the intersection, with a red light (6) and a green light (8). The intersection is marked with a 'D' in the top-left quadrant and a 'C' in the bottom-right quadrant. The intersection is also marked with a 'D' in the top-right quadrant and a 'C' in the bottom-left quadrant.

 License No. 184-000613 © Copyright CMT, Inc.	FILE NAME: = 436900-Signals-Temp - Cable.dgn	DESIGNED - ARS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL CABLE PLAN – PRESTAGE TO STAGE 2 AVENUE OF THE CITIES AND 19TH STREET				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	MODEL: = Temp 1 (Sheet)	DRAWN - ARS	REVISED -						5834	23-00291-00-BT	ROCK ISLAND	184	70
	PLOT SCALE = 0.16666633' / In.	CHECKED - JUM	REVISED -		CONTRACT NO. 85785								
	PLOT DATE = 9/2/2025 • 11:46:23 AM	DATE - AUGUST 2025	REVISED -										
				SCALE: 1"=20'	SHEET 6	OF 25	SHEETS	STA. *	TO STA. *		ILLINOIS FED. AID PROJECT		



PROPOSED TEMPORARY CONTROLLER SEQUENCE



AVENUE OF THE CITIES

19TH STREET

PLOT DRIVER = 436900-Signals-Temp.dgn
PEN TABLE = 436900-Signals-TBL

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DESIGNED - ARS
DRAWN - ARS
CHECKED - JJM
DATE - AUGUST 2025

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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

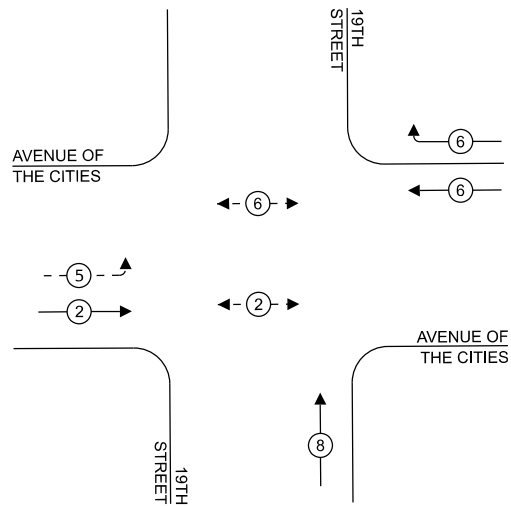
TEMPORARY TRAFFIC SIGNAL CABLE PLAN – STAGE 3
AVENUE OF THE CITIES AND 19TH STREET

SCALE: 1"=20' SHEET 7 OF 25 SHEETS STA. * TO STA. *

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	71
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				



PROPOSED TEMPORARY CONTROLLER SEQUENCE



AVENUE OF THE CITIES

19TH STREET

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PLOT DATE = 9/2/2025 (11:48:24 AM)

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DESIGNED - ARS
DRAWN - ARS
CHECKED - JJM
DATE - AUGUST 2025

REVISED -
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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL CABLE PLAN - STAGE 4
AVENUE OF THE CITIES AND 19TH STREET

SCALE: 1"=20' SHEET 8 OF 25 SHEETS STA. * TO STA. *

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	72
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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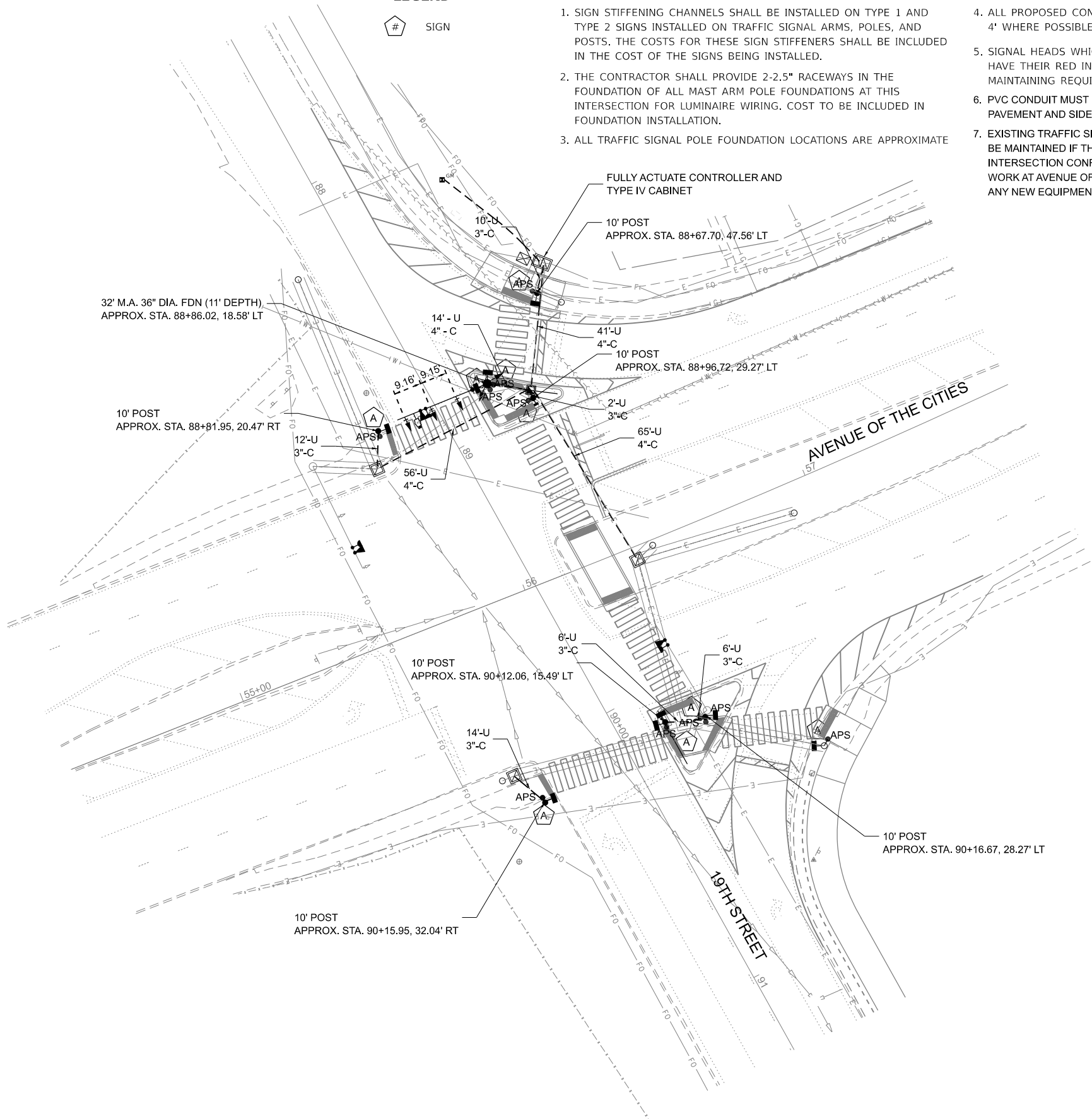
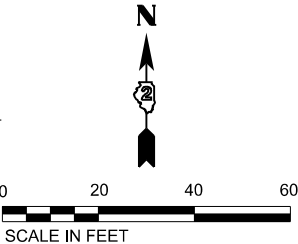
LEGEND

SIGN

NOTES:

1. SIGN STIFFENING CHANNELS SHALL BE INSTALLED ON TYPE 1 AND TYPE 2 SIGNS INSTALLED ON TRAFFIC SIGNAL ARMS, POLES, AND POSTS. THE COSTS FOR THESE SIGN STIFFENERS SHALL BE INCLUDED IN THE COST OF THE SIGNS BEING INSTALLED.
2. THE CONTRACTOR SHALL PROVIDE 2-2.5" RACEWAYS IN THE FOUNDATION OF ALL MAST ARM POLE FOUNDATIONS AT THIS INTERSECTION FOR LUMINAIRE WIRING. COST TO BE INCLUDED IN FOUNDATION INSTALLATION.
3. ALL TRAFFIC SIGNAL POLE FOUNDATION LOCATIONS ARE APPROXIMATE

4. ALL PROPOSED CONDUIT SHALL BE PLACED AT A MINIMUM DEPTH OF 4' WHERE POSSIBLE.
5. SIGNAL HEADS WHICH ARE MOUNTED TO THE SAME MAST ARM SHALL HAVE THEIR RED INDICATIONS VERTICALLY ALIGNED WHILE MAINTAINING REQUIRED OVERHEAD CLEARANCE TO THE PAVEMENT
6. PVC CONDUIT MUST BE SCHEDULE 80 EQUIVALENT UNDERNEATH PAVEMENT AND SIDEWALKS.
7. EXISTING TRAFFIC SIGNAL CABINET, CONTROLLER, AND SERVICE ARE TO BE MAINTAINED IF THEY ARE DEAMED THEY CAN SUPPORT THE NEW INTERSECTION CONFIGURATION. CONTRACTOR SHALL COORDINATE THIS WORK AT AVENUE OF THE CITIES WITH THE OWNER PRIOR TO ORDERING ANY NEW EQUIPMENT.



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PLOT DATE:	= 9/2/2025 - 11:48:33 AM

DESIGNED -	ARS
DRAWN -	ARS
CHECKED -	JJM
DATE -	AUGUST 2025

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL PLAN
AVENUE OF THE CITIES AND 19TH STREET

SCALE: 1"=20' SHEET 9 OF 25 SHEETS STA. TO STA.

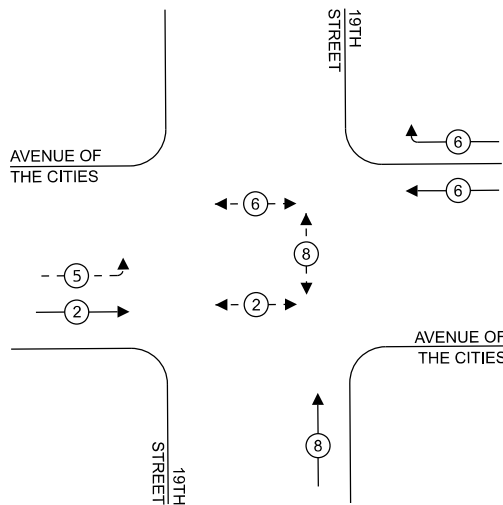
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	73
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER = 438900_Signals.tbl
PEN TABLE = 438900_Signals.tbl

PLOT SCALE = 0.16666633' / in.
PLOT DATE = 9/2/2025 (11:48:35 AM)

USER NAME = Emily Munday
DIRECTORY = L:\Main\1220\438900_RiverRte\Trail\438900_Signals\Traffic\Sheets...

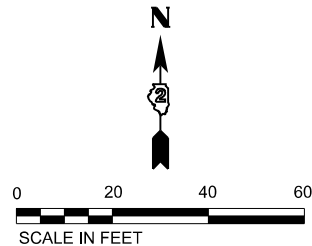
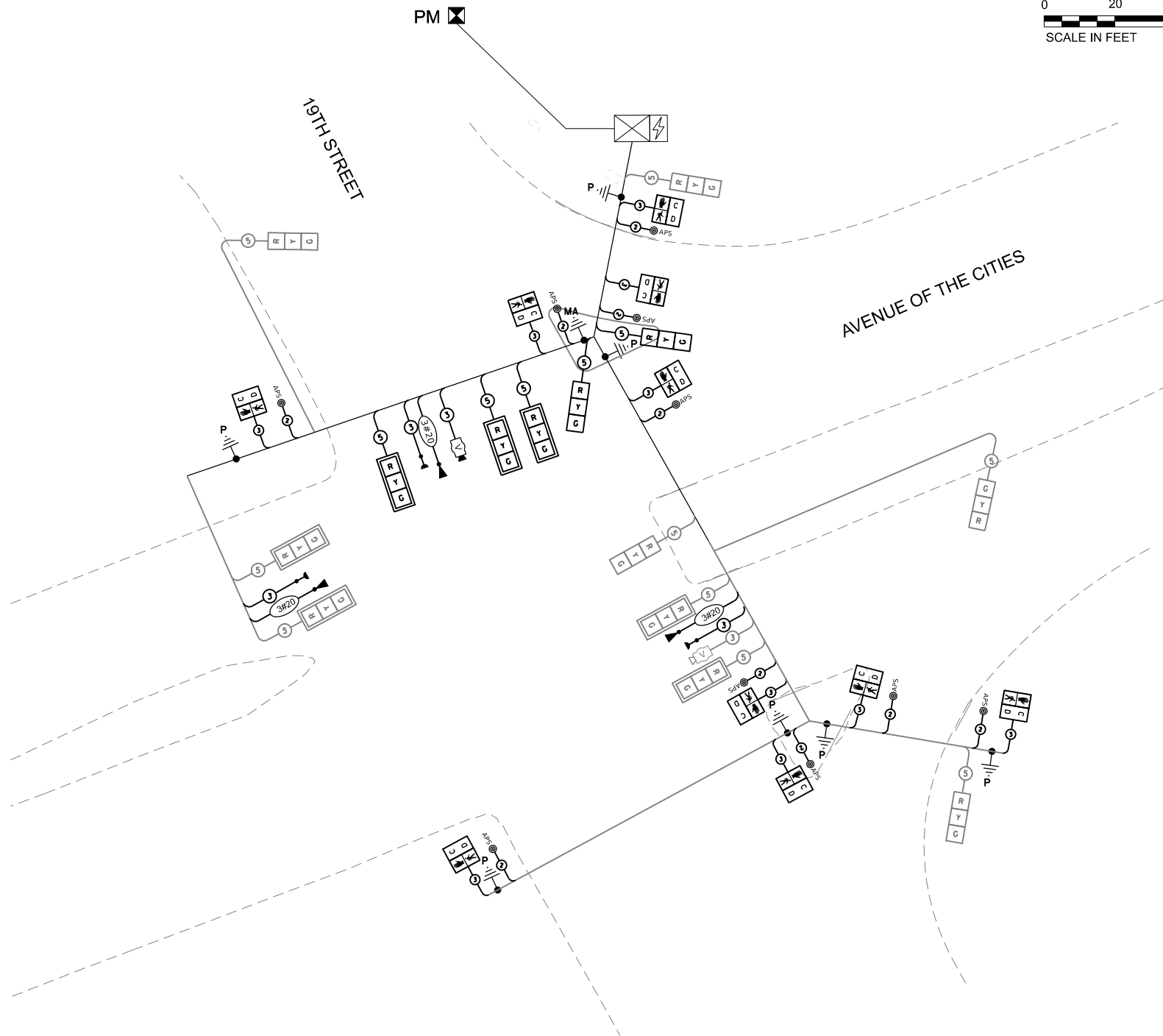
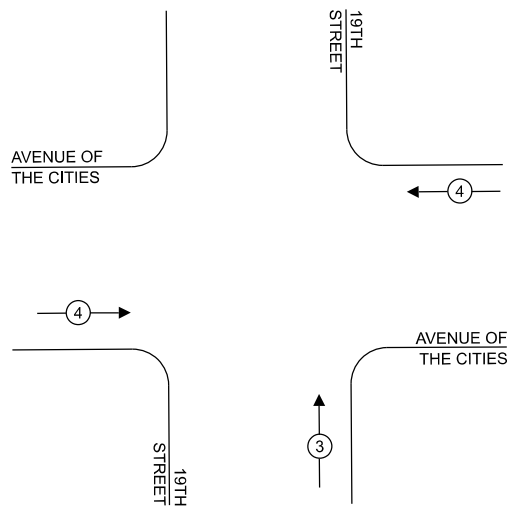
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← (6) → PROTECTED PHASE
- ← (6) - - PROTECTED/PERMITTED PHASE
- ← (6) → PEDESTRIAN PHASE
- ← (6) OL OVERLAP

PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



FILE NAME: = 438900-Signals-01.dgn
MODEL: = AOC - 19th Cable Plan [SHT_03]
PLOT SCALE = 0.16666633' / in.
PLOT DATE = 9/2/2025 - 11:48:35 AM

DESIGNED - ARS
DRAWN - ARS
CHECKED - JJM
DATE - AUGUST 2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL CABLE PLAN
AVENUE OF THE CITIES AND 19TH STREET

SCALE: 1"=20'

SHEET 10 OF 25 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	74
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER = HPPLPLOT, PLOTTABLE = 436900_Signals.tbl

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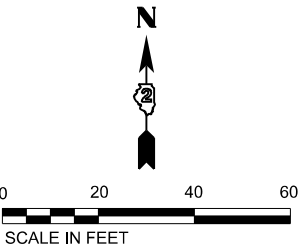
SUMMARY OF QUANTITIES				
	Code No.	Item	Unit	Total Quantity
	72000100	SIGN PANEL - TYPE 1	SQ FT	19.5
	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1
	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	167
	81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	75
	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	175
	81400100	HANDHOLE	EACH	1
	81400300	DOUBLE HANDHOLE	EACH	2
	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	524
	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	552
	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1357
	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	60
	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	470
	87502640	TRAFFIC SIGNAL POST, ALUMINUM 10 FT.	EACH	4
	87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	2
	87702860	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT.	EACH	1
	87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	18
	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4
	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	EACH	10
	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	3
	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4
	88200100	TRAFFIC SIGNAL BACKPLATE	EACH	3
	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	Each	1
	89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	546
	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	9
	89502380	REMOVE EXISTING HANDHOLE	EACH	4
	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3C	FOOT	602
	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
	X8809005	LED SIGNAL FACE, LENS COVER	EACH	7
	X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	2

USER NAME: Emily Munday
DIRECTOR: L:\minal\220439400_RiverRte\Trail\436900\Signal\Traffic\Sheets\...
PLOT SCALE: = 0.16666633' / In.
PLOT DATE: = 9/2/2025 (11:46:45 AM)

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

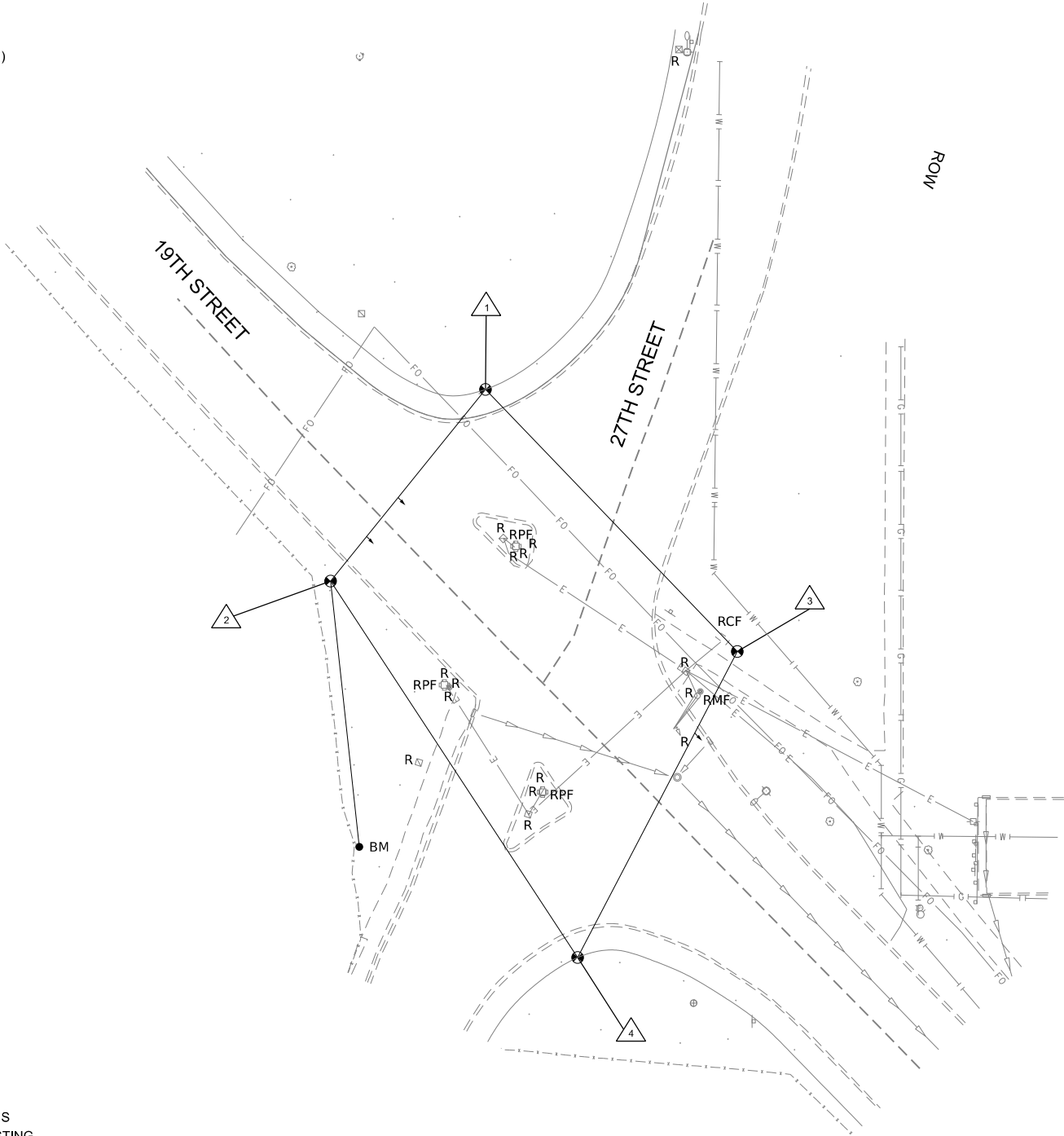
- | | | |
|---|------|---|
| 1 | EACH | STEEL MAST ARM AND POLE |
| 6 | EACH | SIGNAL HEAD, 1-FACE, 3-SECTION |
| 3 | EACH | SIGNAL POST |
| 1 | EACH | TRAFFIC SIGNAL CABINET AND CONTROLLER (COMPLETE) (NOTE 1) |
| 1 | EACH | SIGNAL BACKPLATE |
| 2 | EACH | PEDESTRIAN SIGNAL HEAD |
| 4 | EACH | HANDHOLE |



TEMPORARY POLE

TEMPORARY POLE LOCATIONS

POLE	1	2	STATION	90	40.25	POINT
1	2		109+59.39			49.80' RT
2	3		109+59.39			21.60' RT
3	3		110+44.90			40.28' LT
4	4		110+72.41			43.56' RT



REMOVAL NOTES

- REMOVE ALL SIGNAL CABLE FROM EXISTING CONDUIT, THIS WORK SHALL BE INCLUDED IN THE PAY ITEM REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.
- RETURN TRAFFIC SIGNAL CONTROLLER AND CABINET TO MOLINE SPARE PART DEPARTMENT

USER NAME: Emily Munday
DIRECTOR: L:\minal\220439400_RiverRte\Trail\436900\Signal\Traffic\Sheets\...



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PLOT DATE:	= 9/2/2025 - 11:46:45 AM	DATE -	AUGUST 2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN
27TH STREET AND 19TH STREET

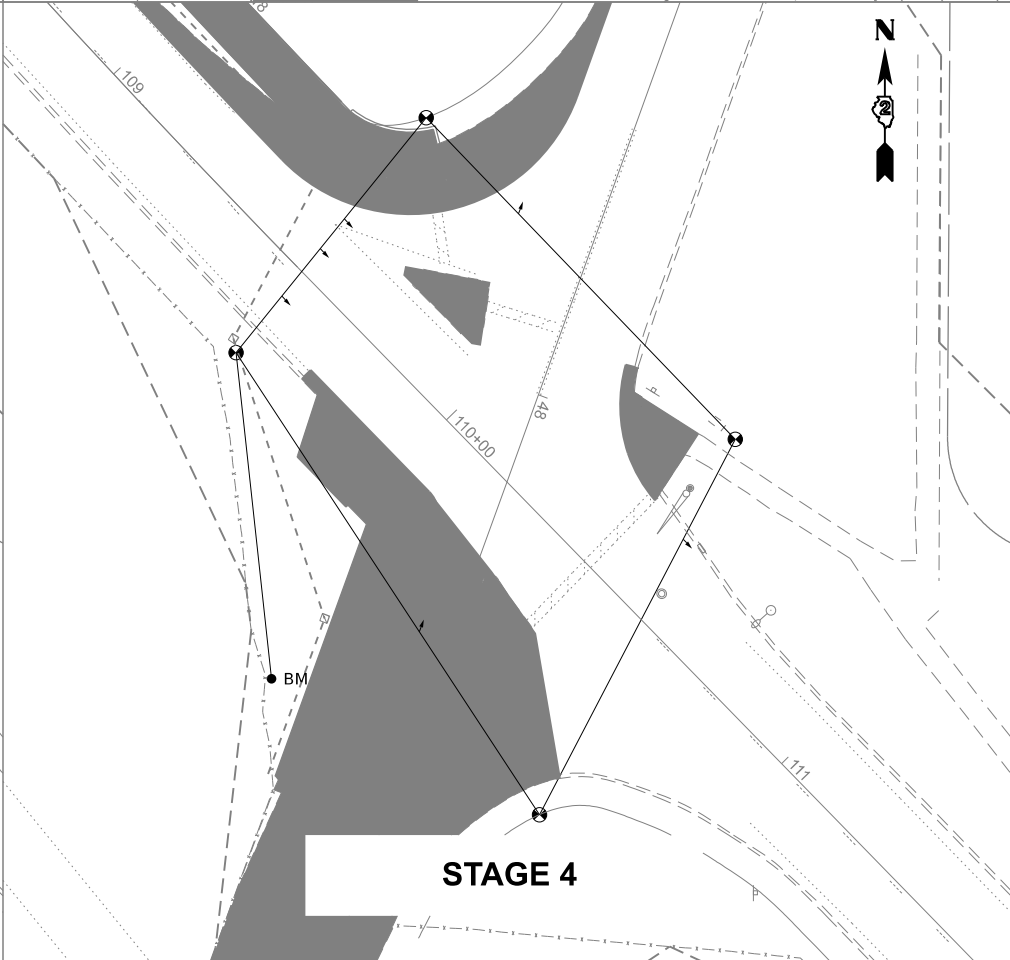
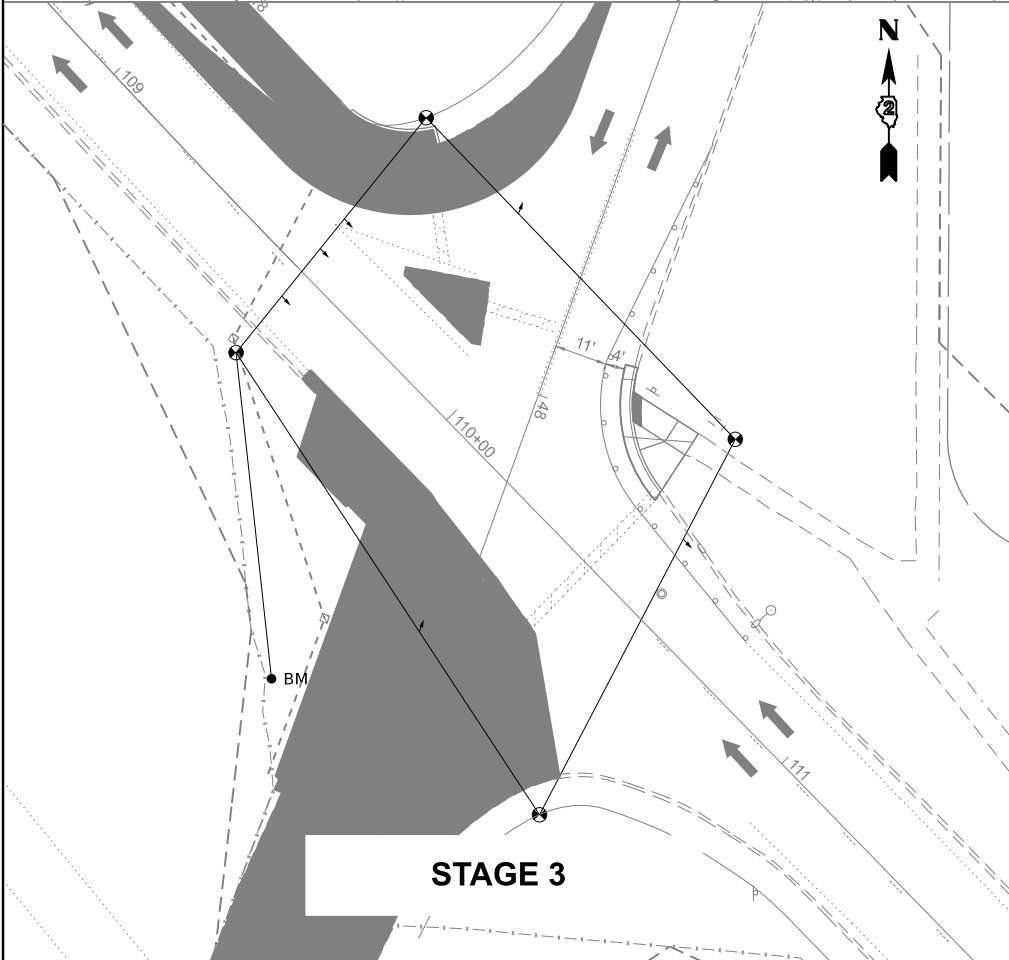
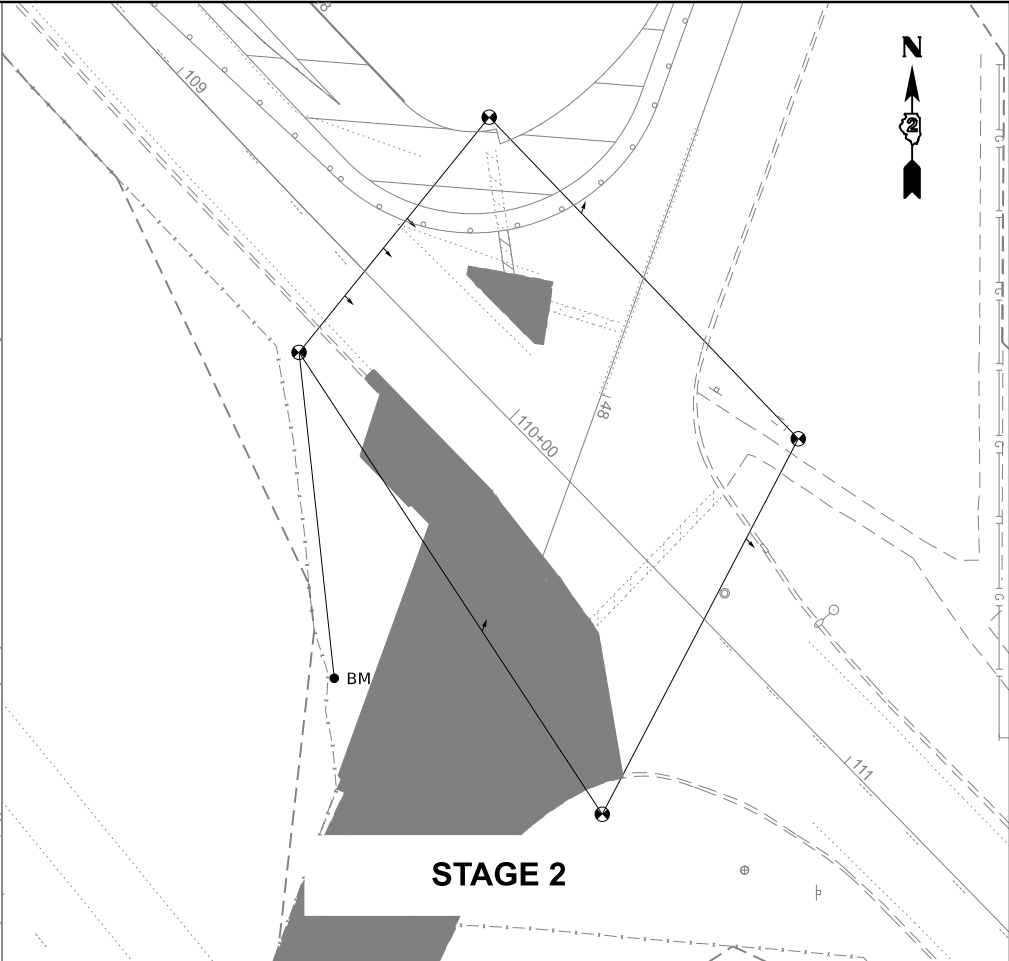
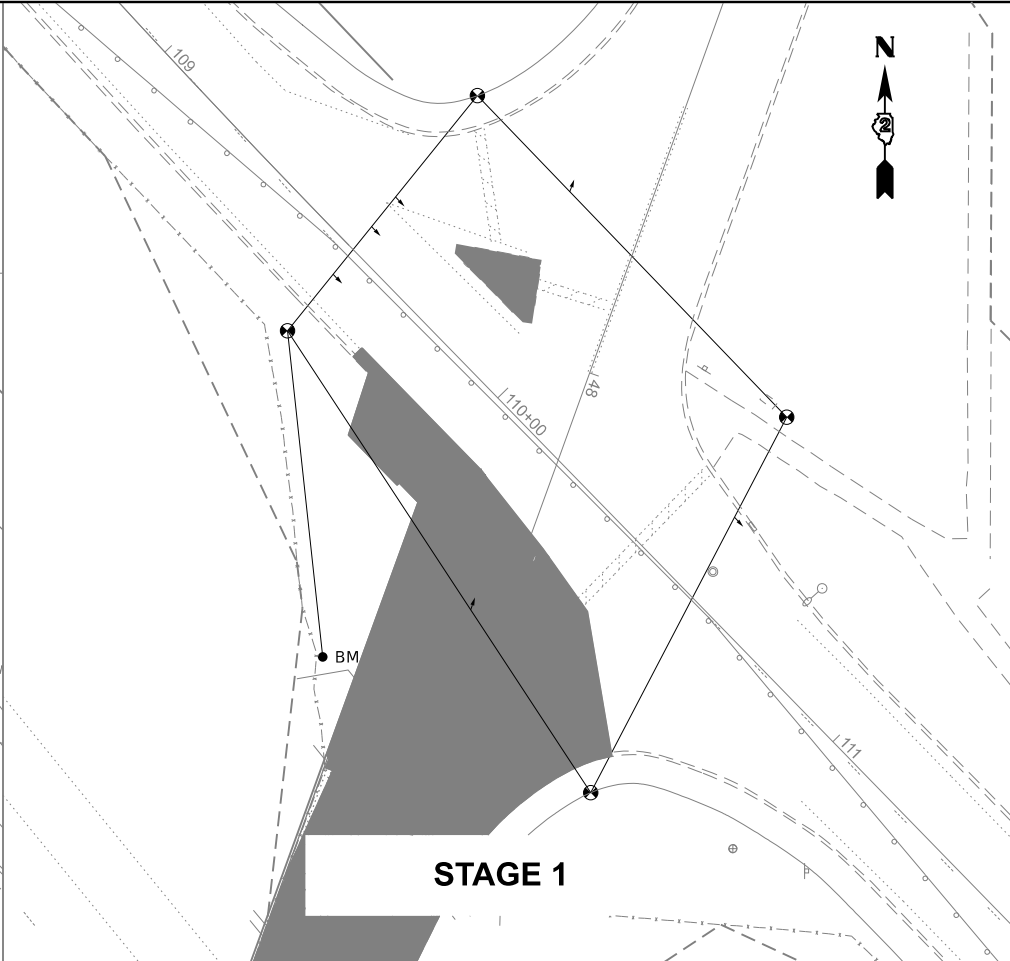
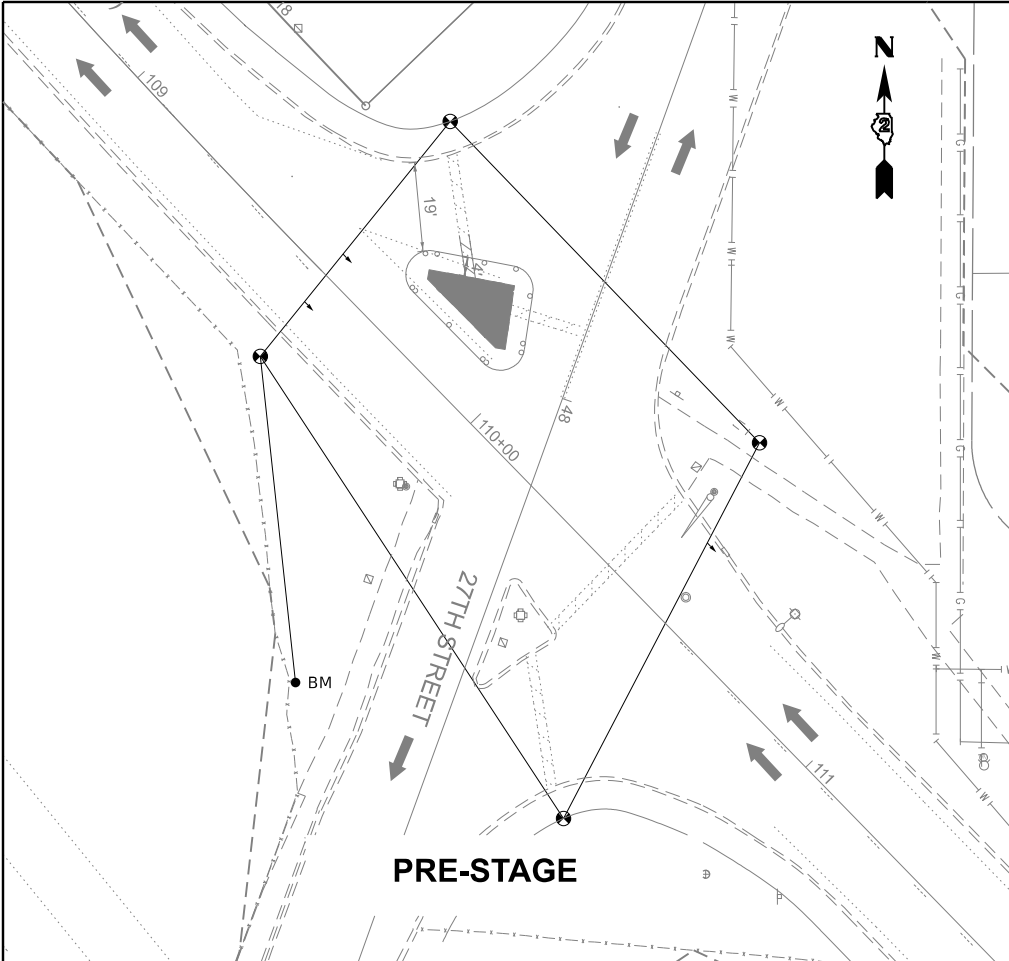
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	76
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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PEN TABLE = 436900_Signals.tbl

PLOT SCALE = 0.16666633 / 1in
PLOT DATE = 9/2/2025 (11:46:51 AM)

USER NAME = Emily Munday
DIRECTORY = L:\Main\1220\436900_RiverRte\Trail\436900_Signals\Traffic\Shields...



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FILE NAME:	= 436900-Signals-Temp.dgn	DESIGNED -	ARS	REVISED -	
MODEL:	= 27th and 19th [Sheet]	DRAWN -	ARS	REVISED -	
PLOT SCALE	= 0.16666633 / 1in	CHECKED -	JJM	REVISED -	
PLOT DATE	= 9/2/2025 11:46:51 AM	DATE -	AUGUST 2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN PRESTAGE TO STAGE 4
27TH STREET AND 19TH STREET

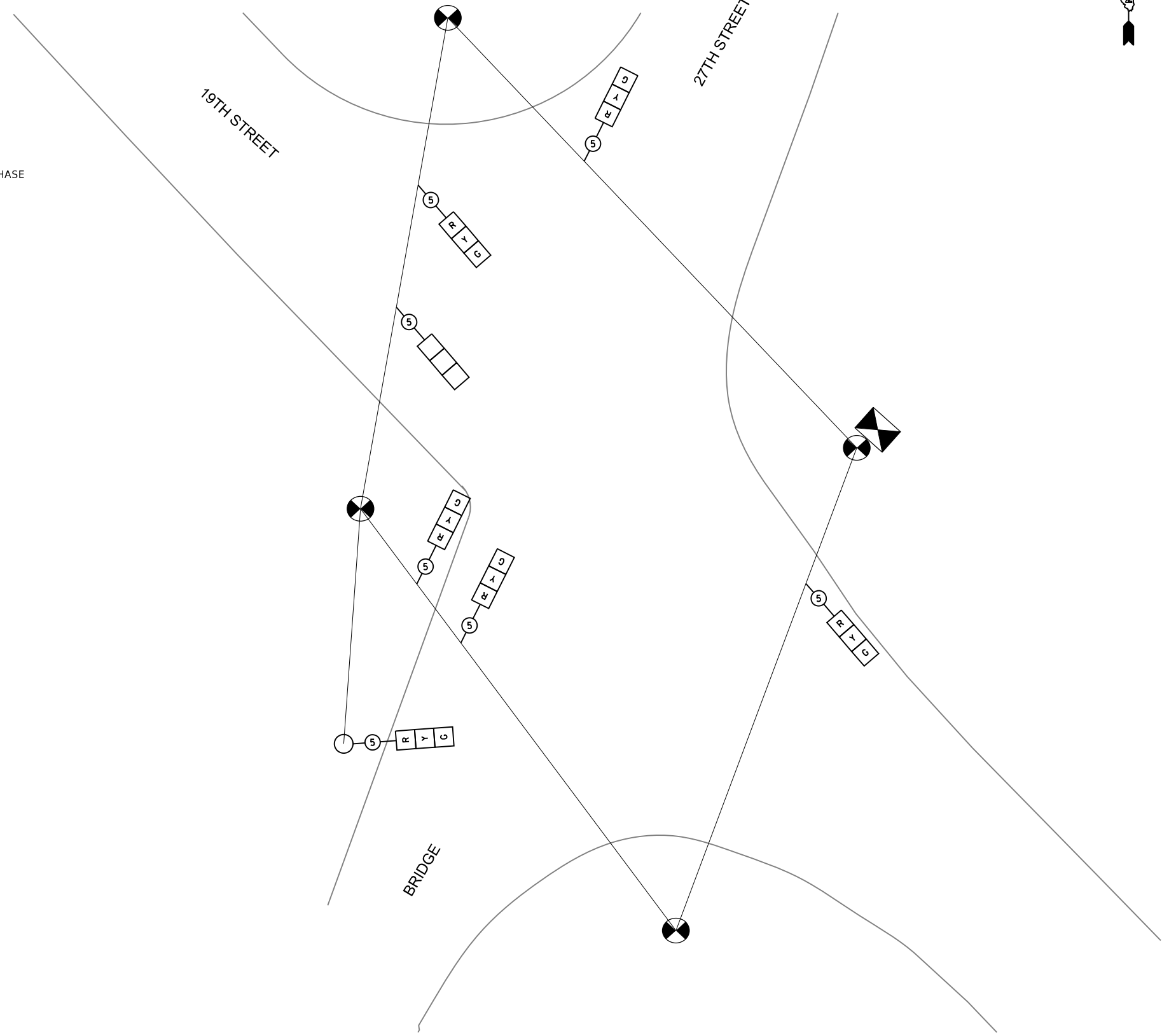
SCALE: 1"=20' SHEET 13 OF 25 SHEETS STA. * TO STA. *

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	77
CONTRACT NO. 85785				
		ILLINOIS	FED. AID PROJECT	

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USER NAME          = Emily Munday
DIRECTORY          = L:\MolInet\22004369-00_RiverRiverTrail\436900\Signalization\Sheets\..
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The diagram shows a four-way intersection. The streets are labeled: 19TH STREET (horizontal, left), 27TH STREET (vertical, top), BRIDGE STREET (vertical, bottom), and 19TH STREET (horizontal, right). Traffic signals are represented by circles with numbers: 8 for north-south traffic and 2 for east-west traffic. Arrows indicate the flow of traffic: north-south traffic flows north and south, while east-west traffic flows east and west.

 PROTECTED PHASE
 PROTECTED/PERMITTED PHASE
 PEDESTRIAN PHASE
 OVERLAP

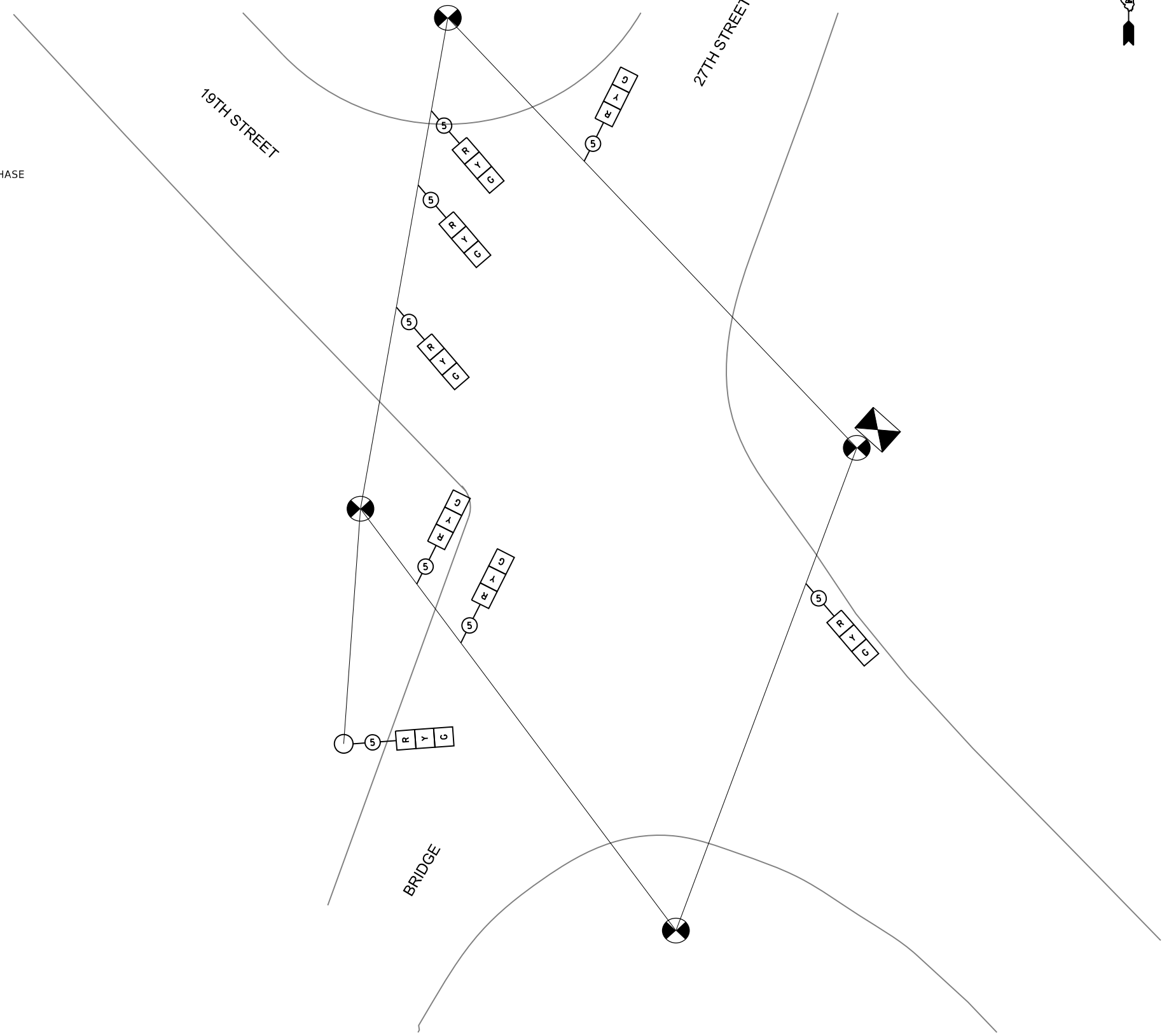


 License No. 184-000613 © Copyright CMT, Inc.	FILE NAME: = 436900-Signals-Temp - Cable.dgn	DESIGNED - ARS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL CABLE PLAN – STAGE 1 27TH STREET AND 19TH STREET					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 9/2/2025 * 11:46:55 AM	DATE - AUGUST 2025	REVISED -											
					SCALE: 1"=20'	SHEET 14	OF 25	SHEETS	STA. *	TO STA. *		ILLINOIS FED. AID PROJECT		

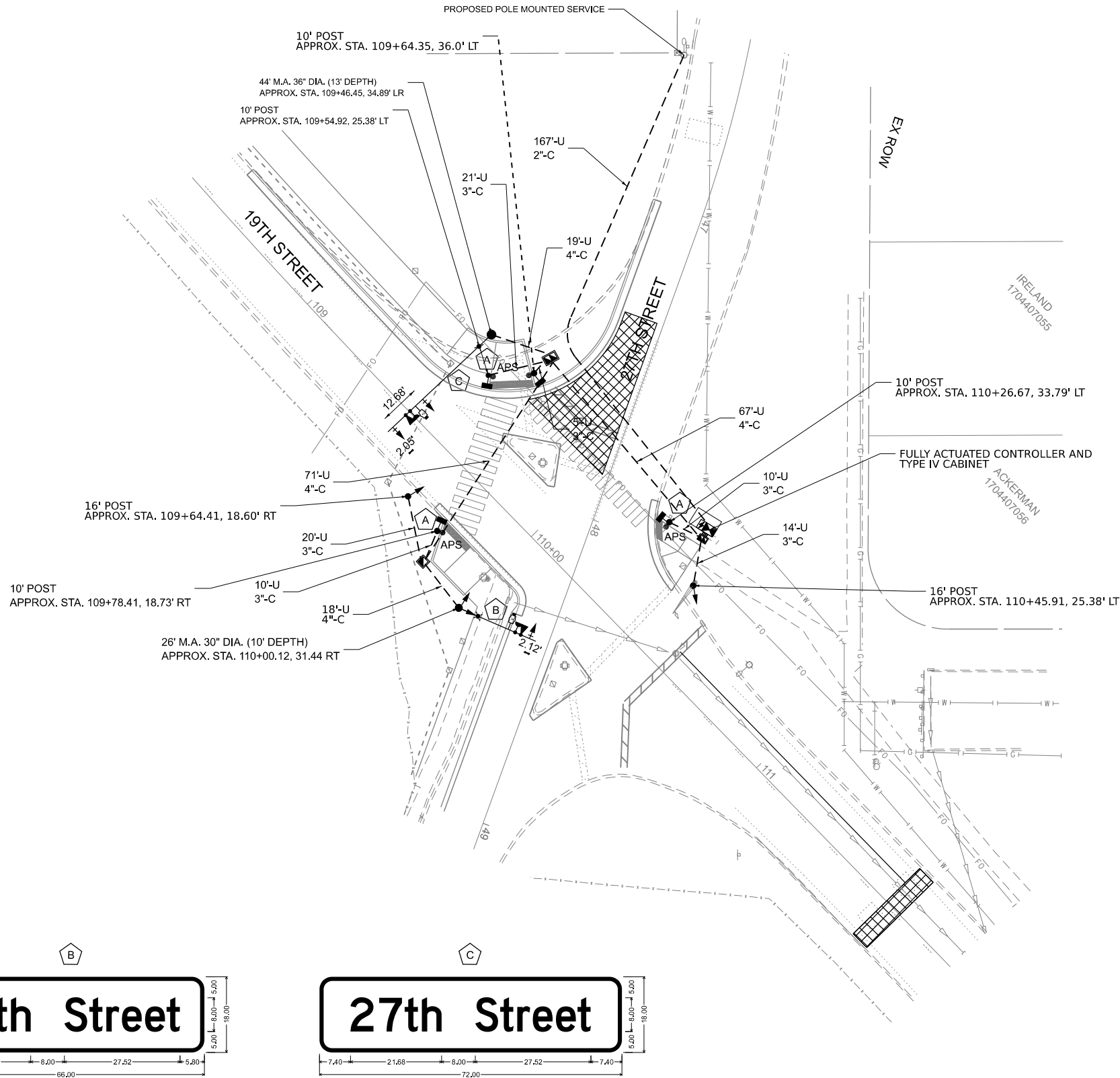
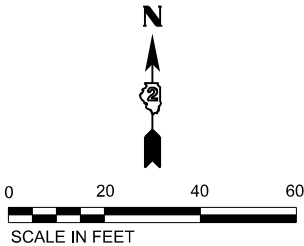
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USER NAME          = Emily Munday
DIRECTORY          = L:\Molnelli\22004369-00_RiverRiverTrail\436900\Signalization\Sheets\..
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Diagram of a four-way intersection with traffic signals. The intersection is formed by 19th Street, 27th Street, and Bridge Street. 19th Street runs horizontally, 27th Street runs vertically, and Bridge Street runs vertically. Traffic signals are shown at each corner: top-left (8), top-right (2), bottom-left (8), and bottom-right (2). Arrows indicate traffic flow: down on 27th Street, right on 19th Street, and up on Bridge Street.

 PROTECTED PHASE
 PROTECTED/PERMITTED PHASE
 PEDESTRIAN PHASE
 OVERLAP



 License No. 184-000613 © Copyright CMT, Inc.	FILE NAME: = 436900-Signals-Temp - Cable.dgn	DESIGNED - ARS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL CABLE PLAN – STAGE 2 TO STAGE OPEN 27TH STREET AND 19TH STREET	F.A.U. SHEETS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 9/2/2025 * 11:46:56 AM	DATE - AUGUST 2025	REVISED -			SCALE: 1"=20' SHEET 15 OF 25 SHEETS STA. * TO STA. *				
						ILLINOIS FED. AID PROJECT				

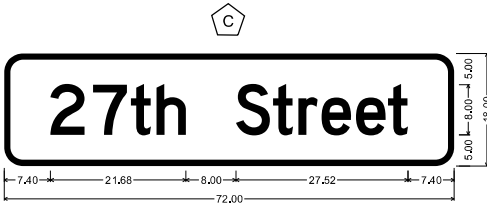
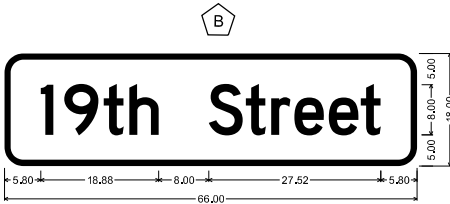


LEGEND

SIGN



R10-3E
9" X 12"
SIGN PANEL TYPE 1



NOTES:

1. SIGN STIFFENING CHANNELS SHALL BE INSTALLED ON TYPE 1 AND TYPE 2 SIGNS INSTALLED ON TRAFFIC SIGNAL ARMS, POLES, AND POSTS. THE COSTS FOR THESE SIGN STIFFENERS SHALL BE INCLUDED IN THE COST OF THE SIGNS BEING INSTALLED.
2. THE CONTRACTOR SHALL PROVIDE 2-2.5" RACEWAYS IN THE FOUNDATION OF ALL MAST ARM POLE FOUNDATIONS AT THIS INTERSECTION FOR LUMINAIRE WIRING. COST TO BE INCLUDED IN FOUNDATION INSTALLATION.
3. ALL TRAFFIC SIGNAL POLE FOUNDATION LOCATIONS ARE APPROXIMATE
4. ALL PROPOSED CONDUIT SHALL BE PLACED AT A MINIMUM DEPTH OF 4' WHERE POSSIBLE.
5. SIGNAL HEADS WHICH ARE MOUNTED TO THE SAME MAST ARM SHALL HAVE THEIR RED INDICATIONS VERTICALLY ALIGNED WHILE MAINTAINING REQUIRED OVERHEAD CLEARANCE TO THE PAVEMENT
6. PVC CONDUIT MUST BE SCHEDULE 80 EQUIVALENT UNDERNEATH PAVEMENT AND SIDEWALKS.



FILE NAME:	= 438900-Signals-02.dgn
MODEL:	= 27th - 19th Proposed [Sheet]
PLOT SCALE:	= 0.16666633' / in.
PLOT DATE:	= 9/2/2025 - 11:47:05 AM

DESIGNED -	ARS
DRAWN -	ARS
CHECKED -	JJM
DATE -	AUGUST 2025

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL PLAN
27TH STREET AND 19TH STREET

SCALE: 1"=20' SHEET 16 OF 25 SHEETS STA. * TO STA. *

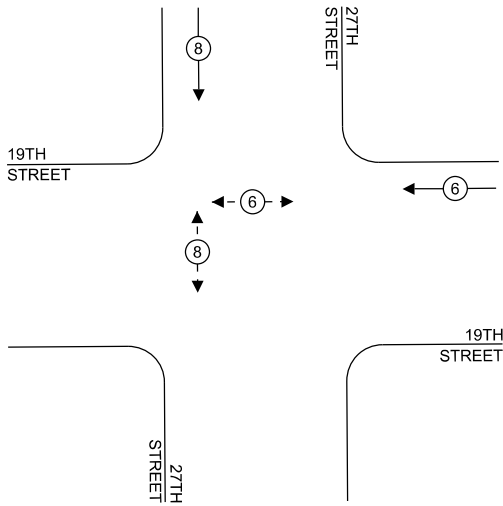
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	80
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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PEN TABLE = 438900_Signals.tbl

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PLOT DATE = 9/2/2025 (11:47:06 AM)

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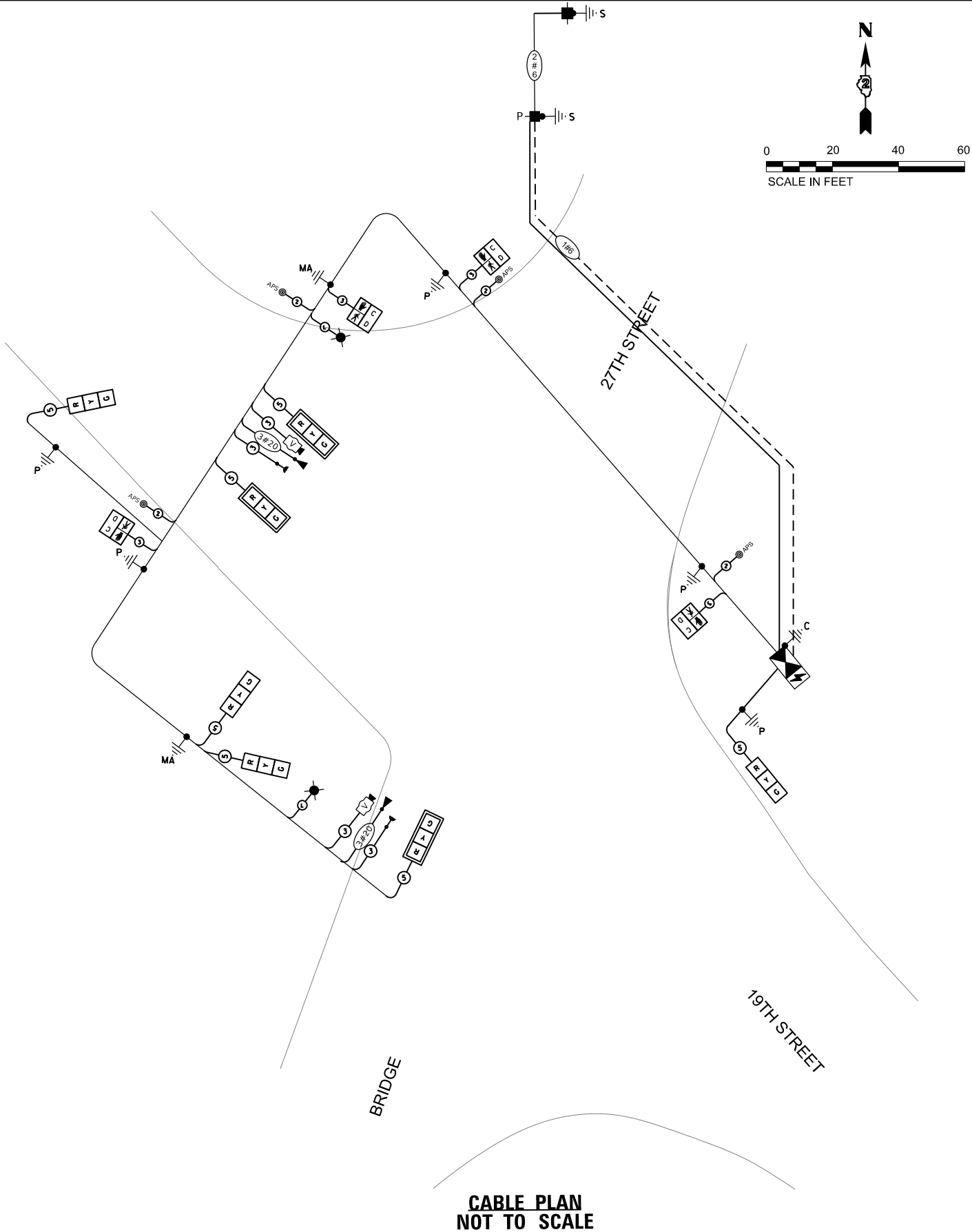
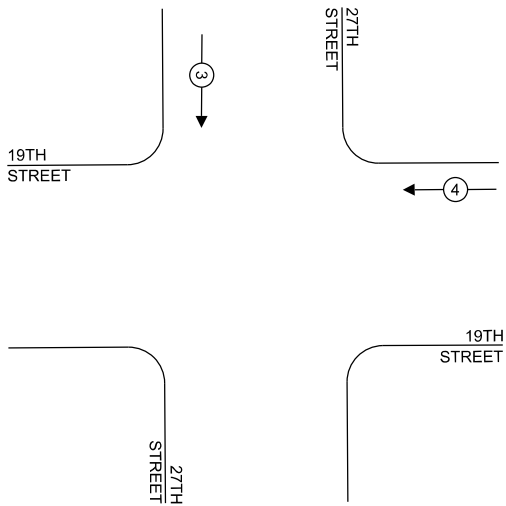
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← (⊛) → PROTECTED PHASE
- ← - (⊛) - PROTECTED/PERMITTED PHASE
- ← (⊛) → PEDESTRIAN PHASE
- ← (⊛) OL → OVERLAP

PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



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FILE NAME: = 438900-Signals-02.dgn
MODEL: = 27th - 19th Cable Plan [Sheet]
PLOT SCALE = 0.16666633' / in.
PLOT DATE = 9/2/2025 - 11:47:06 AM

DESIGNED - ARS
DRAWN - ARS
CHECKED - JJM
DATE - AUGUST 2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL CABLE PLAN
27TH STREET AND 19TH STREET

SCALE: 1"=20' SHEET 17 OF 25 SHEETS STA. * TO STA. *

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	81
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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PEN TABLE = 43800_Signal.tbl

PLOT SCALE = 0.16666633' / in.
PLOT DATE = 9/2/2025 (11:47:09 AM)

USER NAME = Emily Munday
DIRECTORY = L:\minal\220043800_Plan\Plan\Traffic\43800_Signals\Traffic\Sheets...

SUMMARY OF QUANTITIES				
	Code No.	Item	Unit	Total Quantity
	72000100	SIGN PANEL - TYPE 1	SQ FT	20.3
	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1
	81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	24
	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	208
	81400100	HANDHOLE	EACH	3
	81400300	DOUBLE HANDHOLE	EACH	1
	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	260
	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	288
	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1050
	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	257
	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	28
	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	340
	87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	3
	87702820	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 18 FT.	EACH	1
	87702850	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	1
	87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9
	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4
	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	20
	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	3
	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
	88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1
	88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2
	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4
	88200100	TRAFFIC SIGNAL BACKPLATE	EACH	5
	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
	89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1572
	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	13
	89502380	REMOVE EXISTING HANDHOLE	EACH	3
	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3C	FOOT	460
	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
	X8809005	LED SIGNAL FACE, LENS COVER	EACH	5
	X8870300	EMERGENCY VEHICLE PRIORITY SYSTEM	EACH	2
	X8891001	VIDEO VEHICLE DETECTION SYSTEM	EACH	1



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FILE NAME: = 438900-Signals-SOQ.dgn	DESIGNED - ARS	REVISED -
MODEL: = 19th and 26th-1 [Sheet]	DRAWN - ARS	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - JJM	REVISED -
PLOT DATE = 9/2/2025 - 11:47:08 AM	DATE - AUGUST 2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGAL – 26TH AND 19TH
SUMMARY OF QUANTITIES

SCALE: 1"=20' SHEET 18 OF 25 SHEETS STA. STA TO TO STA. STA FROM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	82
CONTRACT NO. 85785				
		ILLINOIS	FED. AID PROJECT	

1/16/2025 11:47:16 AM
PLOT DRIVER
PEN TABLE

0.16666633 1/16
PLOT SCALE
PLOT DATE

Earth Mandy
L:\Main\1220\4359\00_Plan\Plan\Traffic\435900\Signal\Traffic\Sheets...

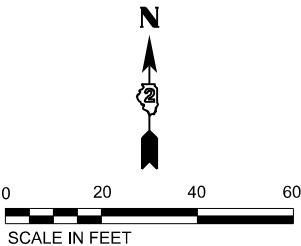
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH STEEL COMBINATION MAST ARM AND POLE
- 9 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 5 EACH SIGNAL POST
- 1 EACH TRAFFIC SIGNAL CABINET AND CONTROLLER (COMPLETE) (NOTE 1)
- 4 EACH SIGNAL BACKPLATES

NOTES:

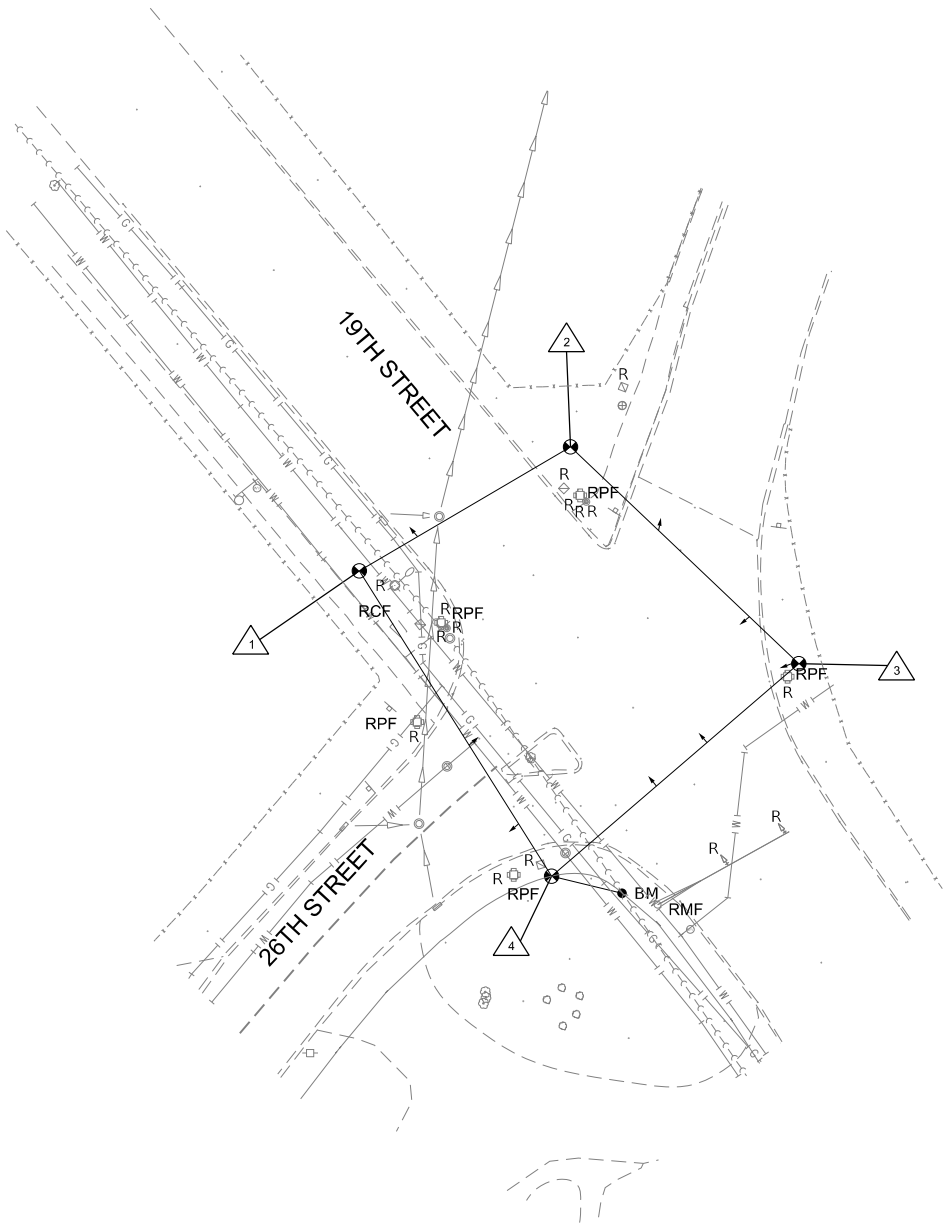
- 1) RETURN TRAFFIC SIGNAL CONTROLLER AND CABINET TO STATE SPARE PART DEPARTMENT
- 2) REMOVE ALL SIGNAL CABLE FROM EXISTING CONDUIT.



TEMPORARY POLE

TEMPORARY POLE LOCATIONS

POLE	STATION	POLE
1	214+58.33	26.31' RT
2	215+21.59	24.00' LT
3	215+27.21	34.23' LT
4	215+21.59	33.46' RT
	215+27.21	34.23' LT
	215+27.21	33.46' RT



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FILE NAME:	= 435900-Signals-03.dgn	DESIGNED -	ARS	REVISED -	
MODEL:	= 26th - 19th Removals [Sheet]	DRAWN -	ARS	REVISED -	
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PLOT DATE:	= 9/2/2025 - 11:47:16 AM	DATE -	AUGUST 2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN
26TH STREET AND 19TH STREET

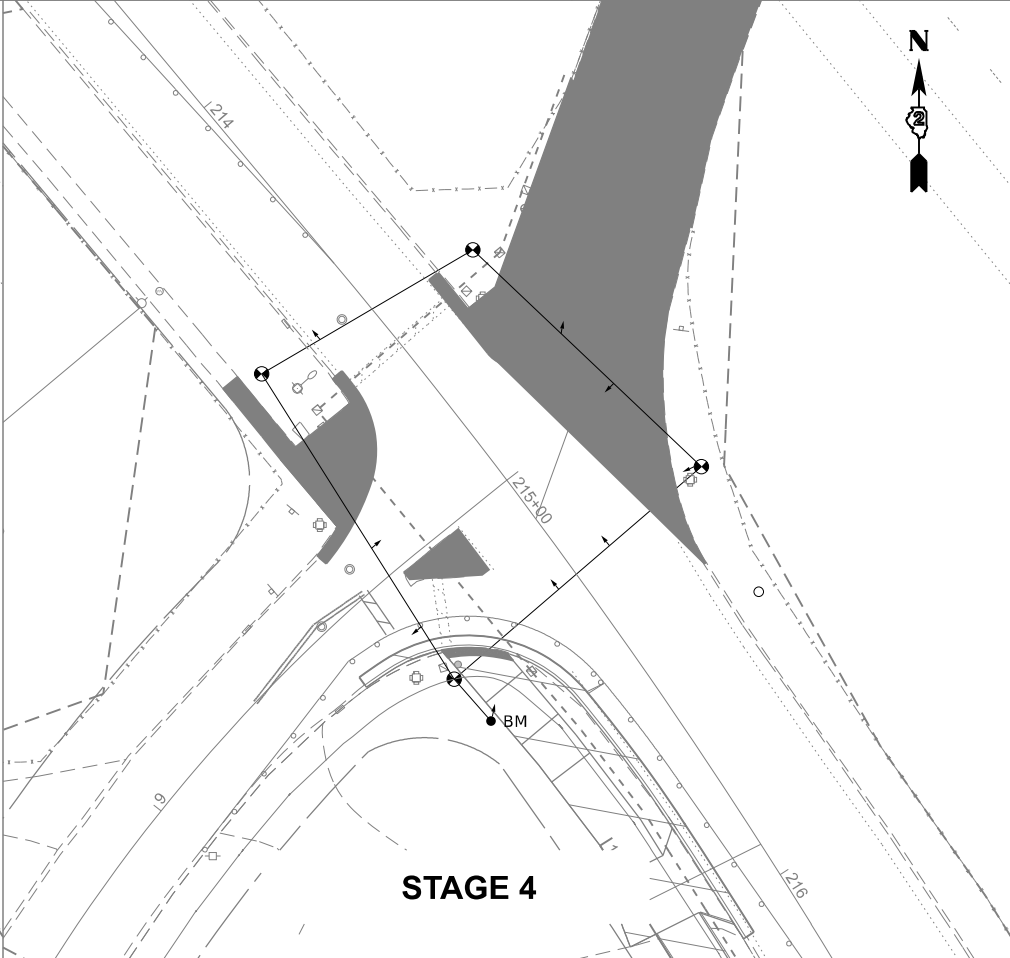
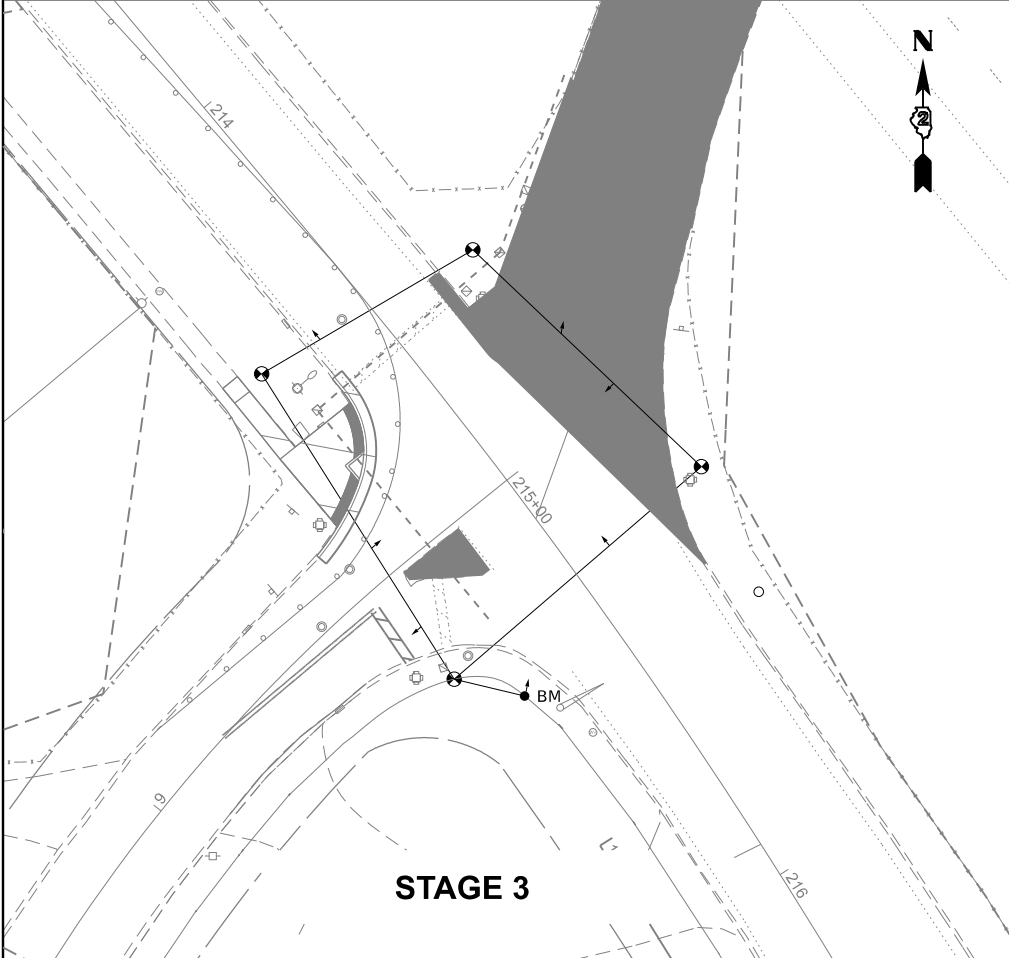
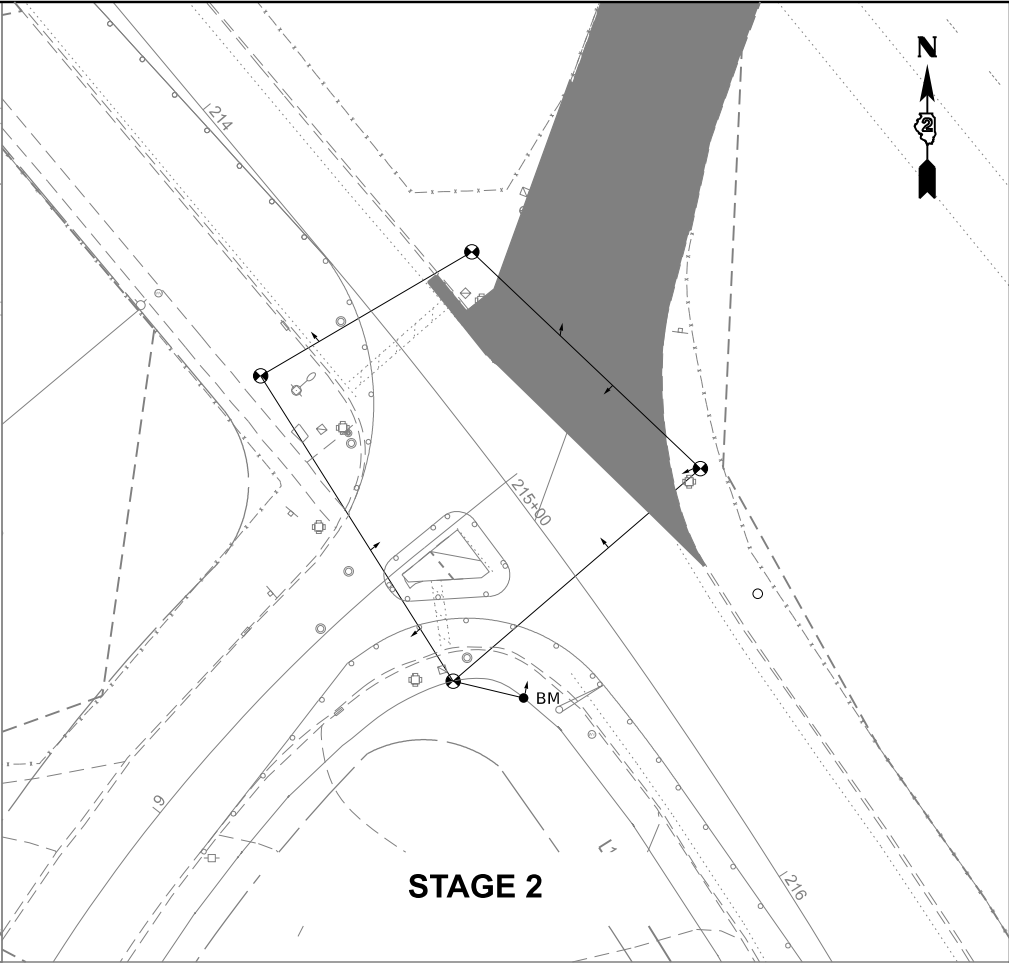
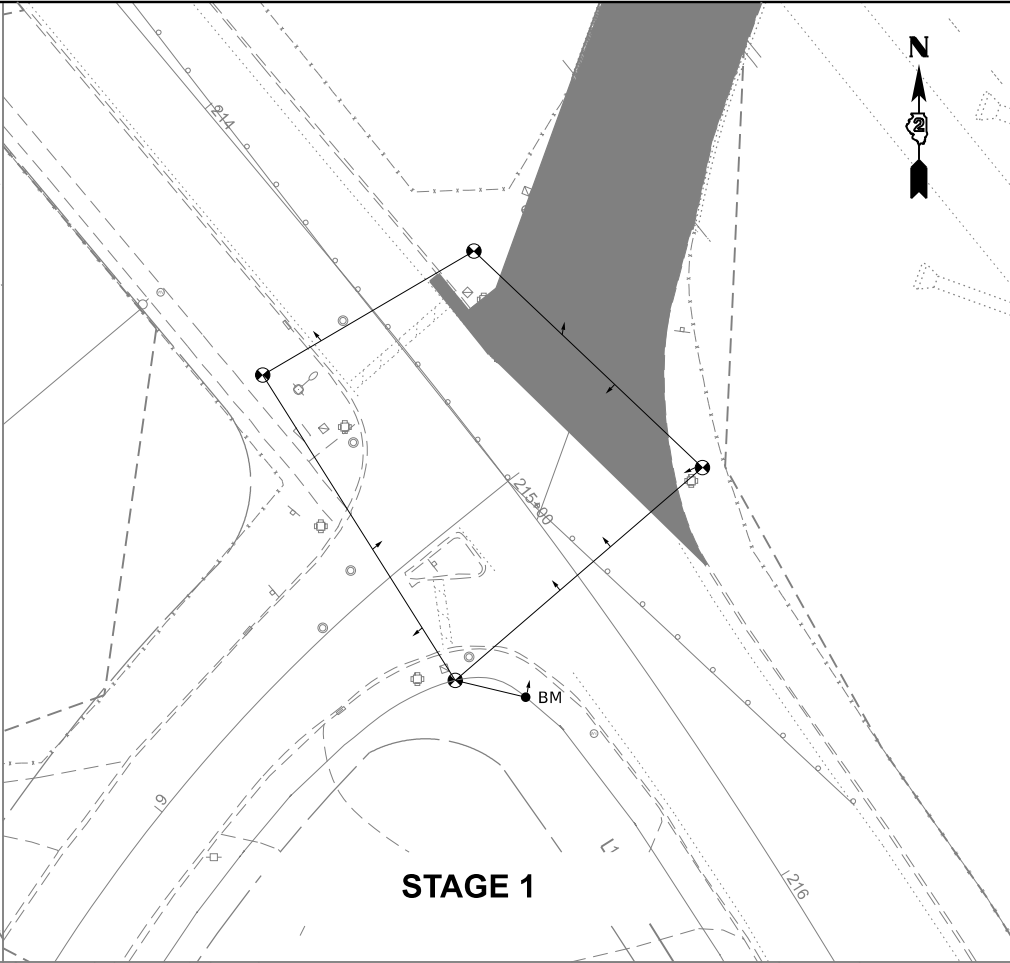
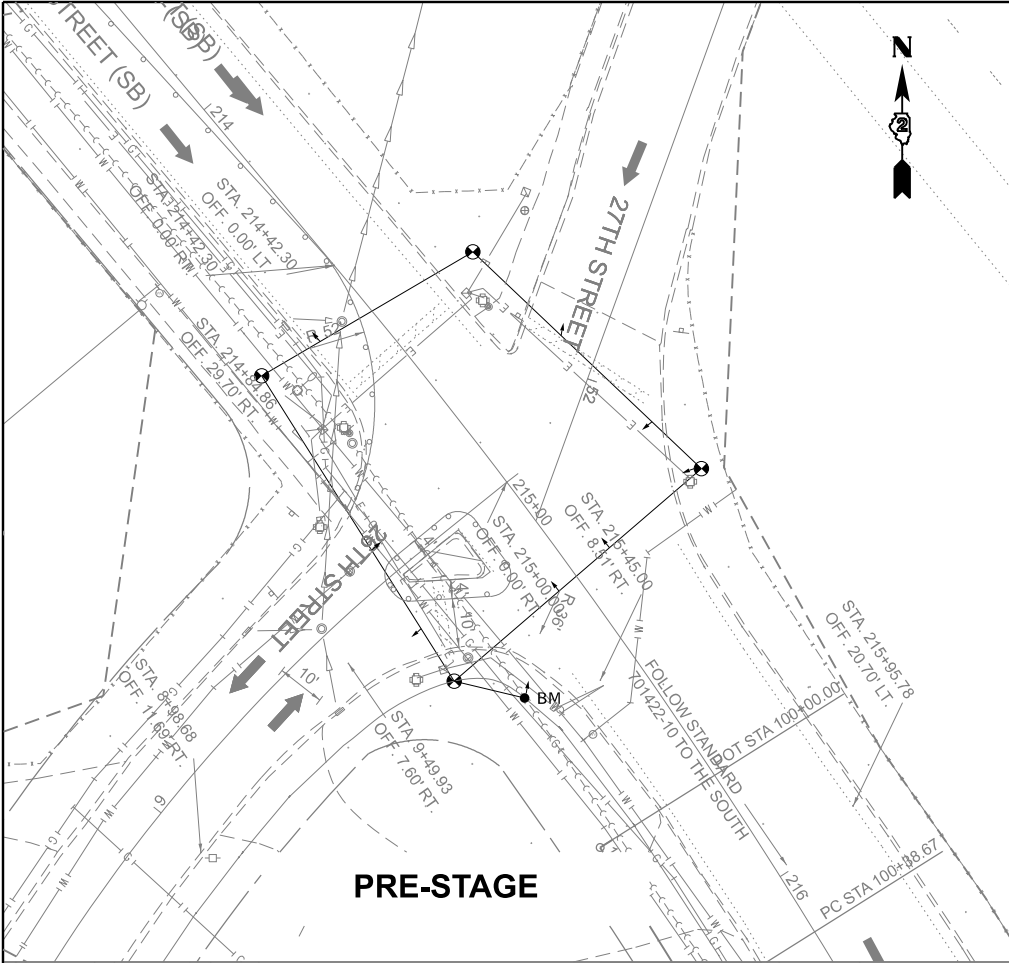
SCALE: 1"=20' SHEET 19 OF 25 SHEETS STA. * TO STA. *

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	83
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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PEN TABLE = 438900_Signals.tbl

PLOT SCALE = 0.16666633' / In.
PLOT DATE = 9/2/2025 (11:47:23 AM)

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FILE NAME: = 438900-Signals-Temp-26th.dgn
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PLOT SCALE = 0.16666633' / In.
PLOT DATE = 9/2/2025 11:47:23 AM

DESIGNED - ARS
DRAWN - ARS
CHECKED - JJM
DATE - AUGUST 2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

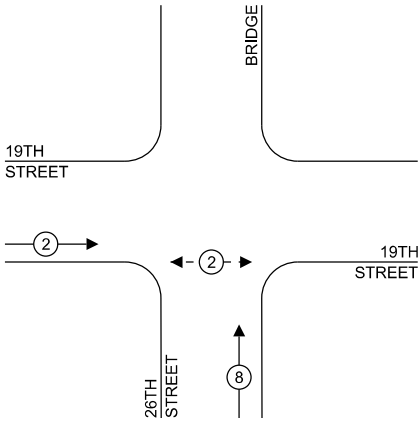
TEMPORARY TRAFFIC SIGNAL PLAN
19TH STREET AND 26TH STREET

SCALE: 1"=20' SHEET 20 OF 25 SHEETS STA. STA TO TO STA. STA FROM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	84
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

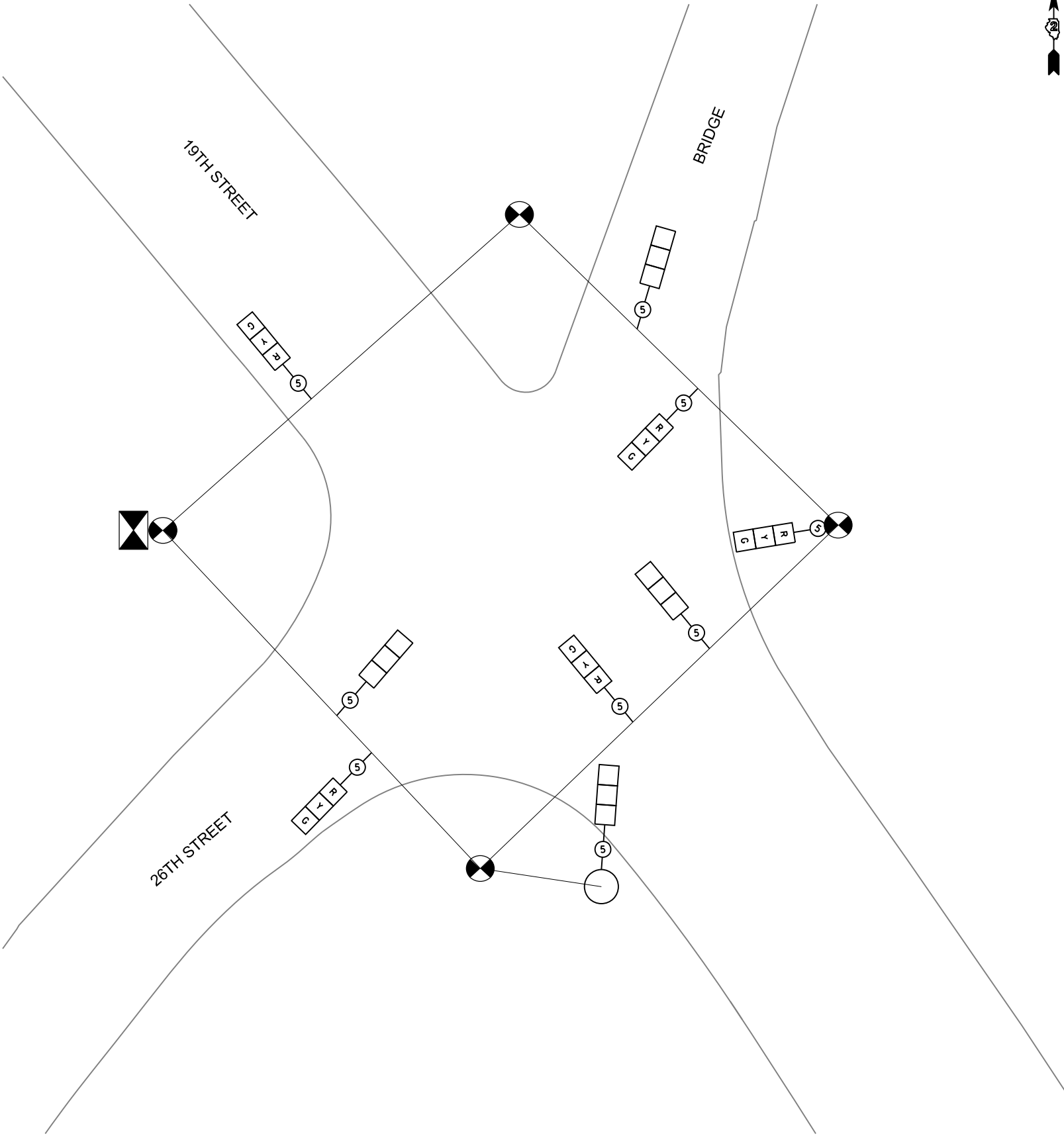


PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← (⊛) → PROTECTED PHASE
- ← - - (⊛) - - PROTECTED/PERMITTED PHASE
- ← (⊛) → PEDESTRIAN PHASE
- ← (⊛) OL OVERLAP



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PEN TABLE = 436900_Signals.tbl

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PLOT DATE = 9/2/2025 (11:47:29 AM)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

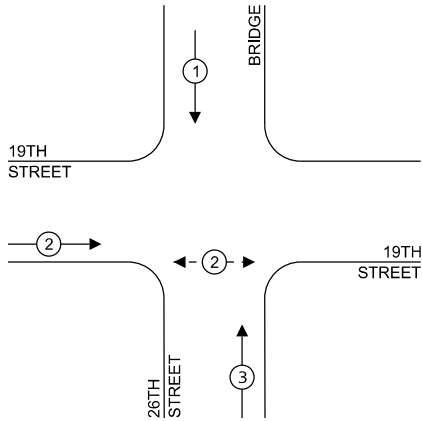
TEMPORARY TRAFFIC SIGNAL CABLE PLAN – STAGE 1
26TH STREET AND 19TH STREET

SCALE: 1"=20' SHEET 21 OF 25 SHEETS STA. * TO STA. *

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	85
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

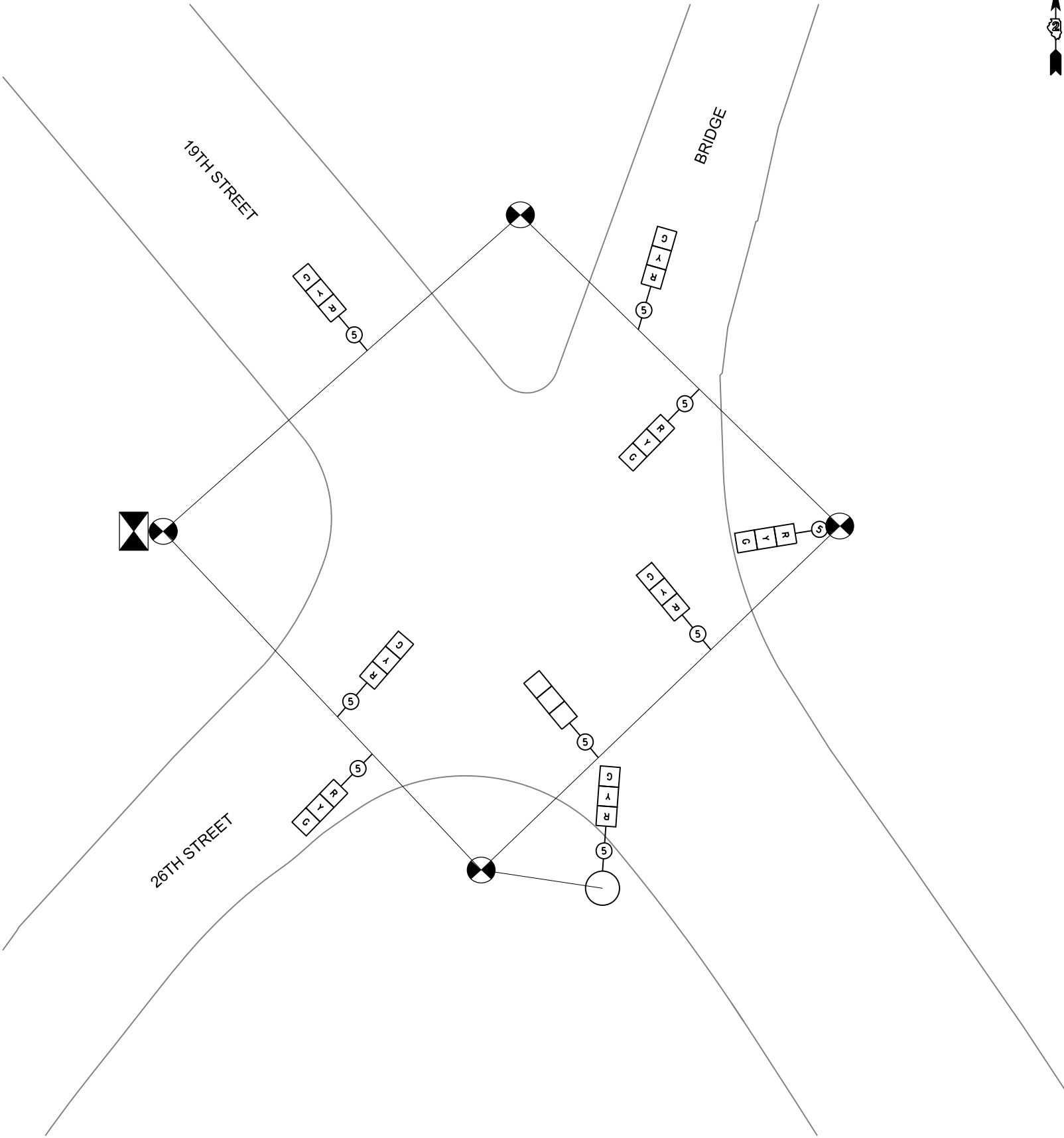


PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← (⊛) → PROTECTED PHASE
- ← - - (⊛) - - PROTECTED/PERMITTED PHASE
- ← (⊛) → PEDESTRIAN PHASE
- ← (⊛) OL → OVERLAP



PLOT DRIVER = h:\p\layers\sw\tdp
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PLOT DATE = 9/2/2025 (11:47:29 AM)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

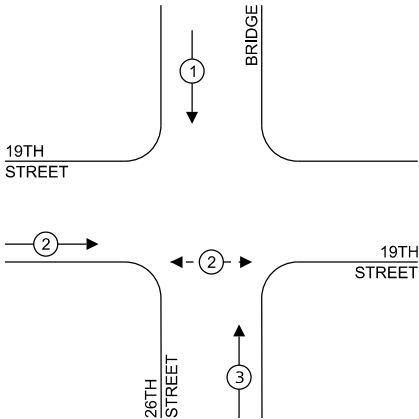
TEMPORARY TRAFFIC SIGNAL CABLE PLAN - STAGE 2 & 3
26TH STREET AND 19TH STREET

SCALE: 1"=20' SHEET 22 OF 25 SHEETS STA. * TO STA. *

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	86
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

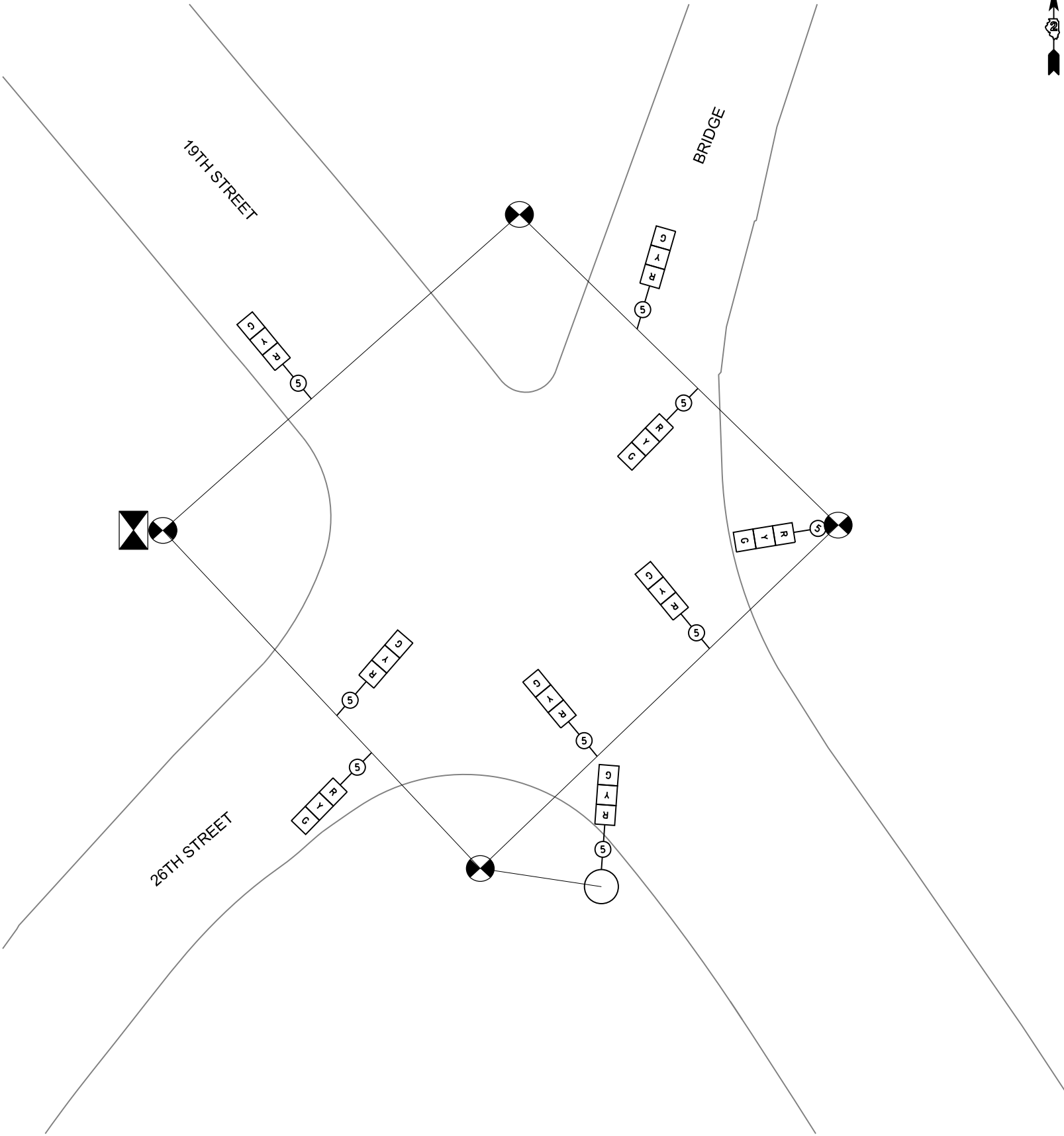


PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← (⊛) — PROTECTED PHASE
- ← - - (⊛) - - PROTECTED/PERMITTED PHASE
- ← (⊛) → PEDESTRIAN PHASE
- ← (⊛) OL OVERLAP



PLOT DRIVER = h:\p\layers\swid\tdp
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PLOT DATE = 9/2/2025 (11:47:30 AM)

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DIRECTORY = L:\Main\1220\436900_RiverRte\Trail\436900_Signals\Main\Sheets...



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PLOT DATE	= 9/2/2025 • 11:47:30 AM	DATE -	AUGUST 2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL CABLE PLAN – STAGE 4
26TH STREET AND 19TH STREET

SCALE: 1"=20' SHEET 23 OF 25 SHEETS STA. * TO STA. *

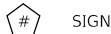
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	87
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

PLOT DRIVER = HPPLAVERS\wchdjp
PEN TABLE = 438900_Signals.tbl

PLOT SCALE = 0.16666633' / in.
PLOT DATE = 9/2/2025 (11:47:38 AM)

USER NAME = Emily Munday
DIRECTORY = L:\minal\22004389-00_RiverRte\Rail-438900\Signals\Sheet\...

LEGEND

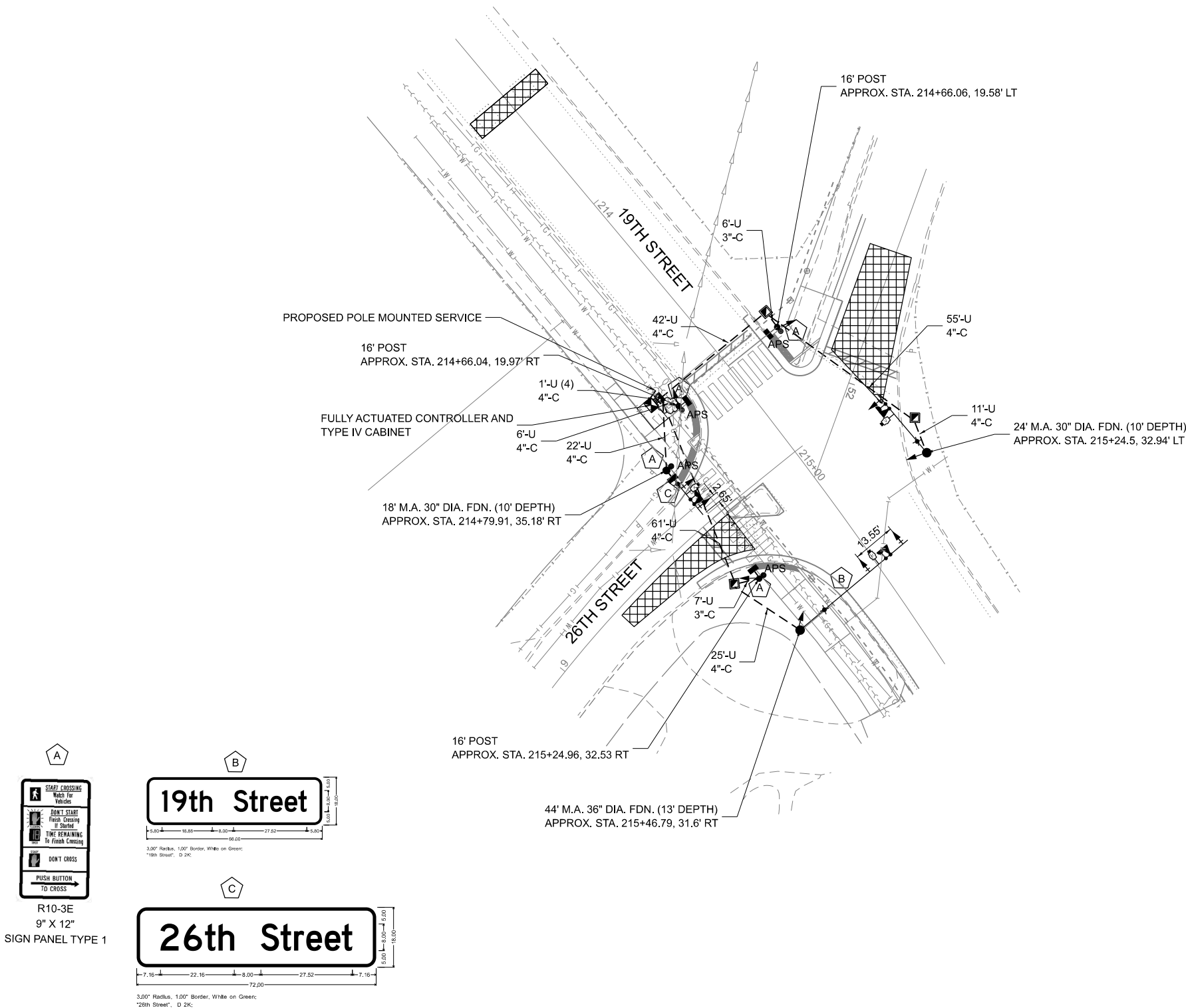
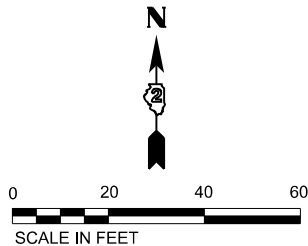


SIGN

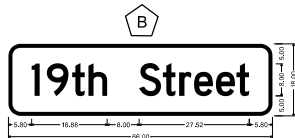
NOTES:

1. SIGN STIFFENING CHANNELS SHALL BE INSTALLED ON TYPE 1 AND TYPE 2 SIGNS INSTALLED ON TRAFFIC SIGNAL ARMS, POLES, AND POSTS. THE COSTS FOR THESE SIGN STIFFENERS SHALL BE INCLUDED IN THE COST OF THE SIGNS BEING INSTALLED.
2. THE CONTRACTOR SHALL PROVIDE 2-2.5" RACEWAYS IN THE FOUNDATION OF ALL MAST ARM POLE FOUNDATIONS AT THIS INTERSECTION FOR LUMINAIRE WIRING. COST TO BE INCLUDED IN FOUNDATION INSTALLATION.
3. ALL TRAFFIC SIGNAL POLE FOUNDATION LOCATIONS ARE APPROXIMATE

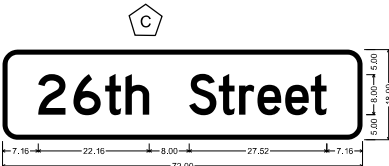
4. ALL PROPOSED CONDUIT SHALL BE PLACED AT A MINIMUM DEPTH OF 4' WHERE POSSIBLE.
5. SIGNAL HEADS WHICH ARE MOUNTED TO THE SAME MAST ARM SHALL HAVE THEIR RED INDICATIONS VERTICALLY ALIGNED WHILE MAINTAINING REQUIRED OVERHEAD CLEARANCE TO THE PAVEMENT
6. PVC CONDUIT MUST BE SCHEDULE 80 EQUIVALENT UNDERNEATH PAVEMENT OR SIDEWALKS.



R10-3E
9" X 12"
SIGN PANEL TYPE 1



3.00" Radius, 1.00" Border, White on Green:
"19th Street", D 2K;



3.00" Radius, 1.00" Border, White on Green:
"26th Street", D 2K;



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FILE NAME: = 438900-Signals-03.dgn
MODEL: = 26th - 19th Proposed [Sheet]
PLOT SCALE = 0.16666633' / in.
PLOT DATE = 9/2/2025 - 11:47:38 AM

DESIGNED - ARS
DRAWN - ARS
CHECKED - JJM
DATE - AUGUST 2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL PLAN
26TH STREET AND 19TH STREET

SCALE: 1"=20' SHEET 24 OF 25 SHEETS STA. * TO STA. *

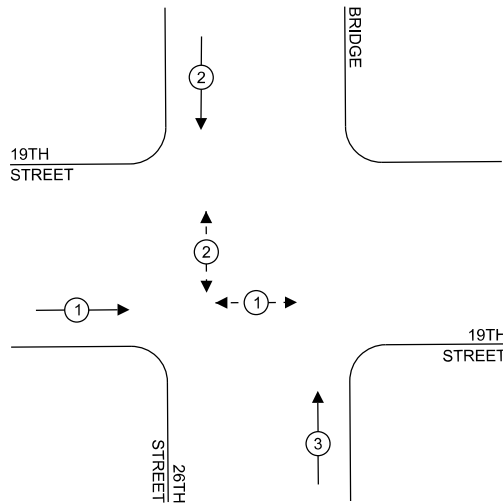
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

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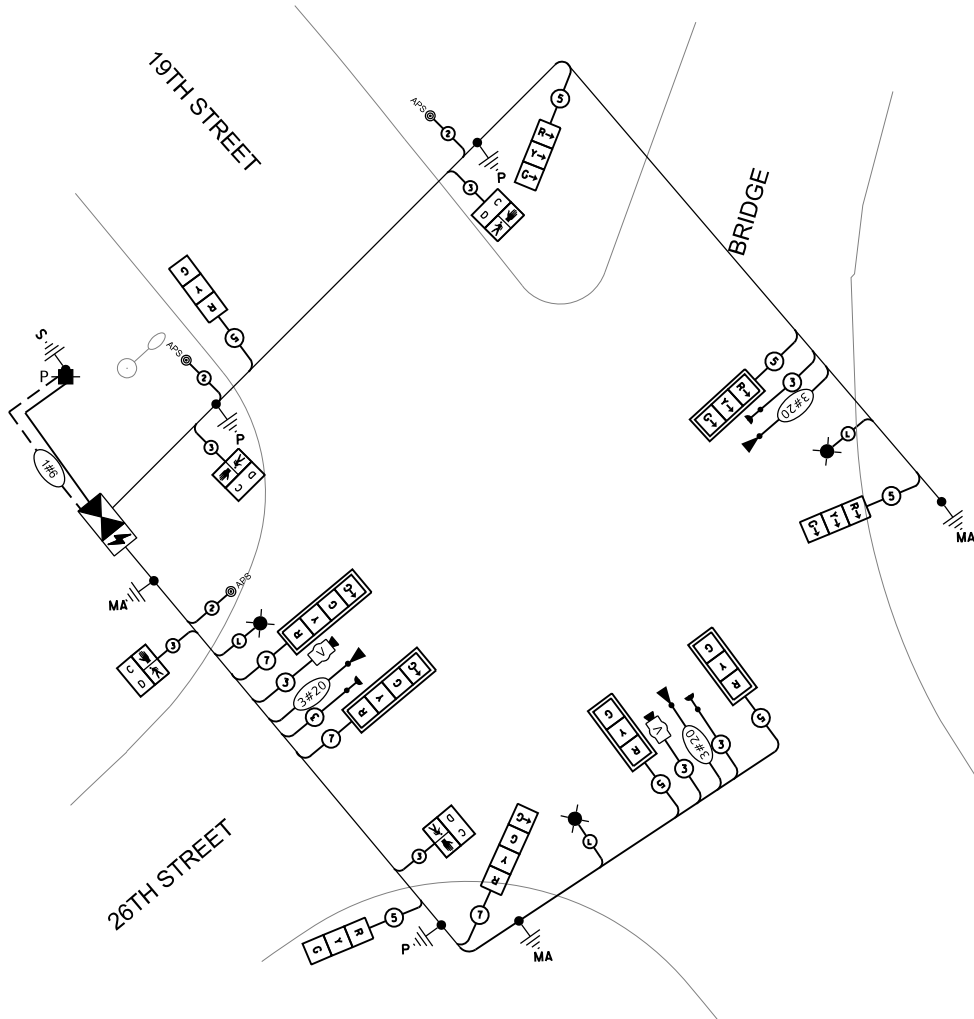
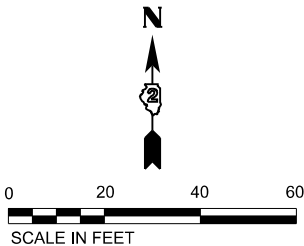
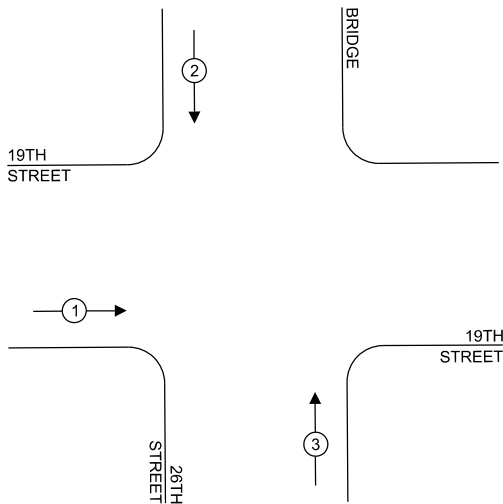
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← (⊛) → PROTECTED PHASE
- ← - (⊛) - → PROTECTED/PERMITTED PHASE
- ← (⊛) → PEDESTRIAN PHASE
- ← (⊛) → OL OVERLAP

PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



CABLE PLAN
NOT TO SCALE



FILE NAME: = 436900-Signals-03.dgn
MODEL: = 26th - 19th Cable Plan [Sheet]
PLOT SCALE = 0.16666633' / in.
PLOT DATE = 9/2/2025 - 11:47:39 AM

DESIGNED - ARS
DRAWN - ARS
CHECKED - JJM
DATE - AUGUST 2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL CABLE PLAN
26TH STREET AND 19TH STREET

SCALE: 1"=20' SHEET 25 OF 25 SHEETS STA. * TO STA. *

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	89
CONTRACT NO. 85785				
ILLINOIS FED. AID PROJECT				

Bench Mark: Survey marker on top of parapet at NW corner of bridge. Sta. 49+04.62, Offset 18.57' Rt., Elev. 699.62

Existing Structure: S.N. 081-0107 originally built in 1971 as F.A.I. Rte. 74, Section 81-1HB-4. The concrete deck was replaced in 1991. The existing structure consists of a 2 span continuous steel plate girder bridge with reinforced concrete deck. The approaches consist of single span vaulted abutments with prestressed concrete girders. The abutments, approach bents, and hammerhead pier are supported on drilled piers. The back to back approach bents length is 251'-1³/₄" and the out to out deck width is 32'-8". The bridge will be closed and no staging will be required during construction.

No salvage.

INDEX OF SHEETS

- 1. General Plan & Elevation
- 2. Structure Removal Details
- 3. Superstructure Details - 1
- 4. Superstructure Details - 2
- 5. Bicycle Railing, Curved & Parapet Railing - 1
- 6. Bicycle Railing, Curved & Parapet Railing - 2
- 7. Preformed Joint Strip Seal - Sidewalk - 1
- 8. Preformed Joint Strip Seal - Sidewalk - 2

DESIGN SPECIFICATIONS

2002 Standard Specifications for Highway Bridges, 17th Edition
2006 Seismic Retrofitting Manual for Highway Structures:
Part I - Bridges (FHWA-HRT-06-032)

SEISMIC DATA

Seismic Retrofit Category (SRC) = A
Design Spectral Acceleration at 1.0 sec (SD1) = 0.087g
Design Spectral Acceleration at 0.2 sec (SDS) = 0.127g
Soil Site Class = D
Performance Level = 1

LOADING HS20-44 & ALT.

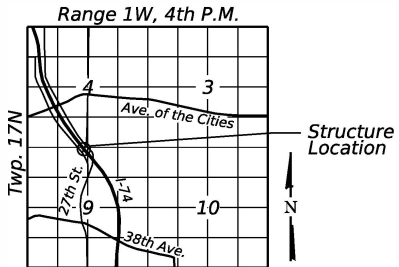
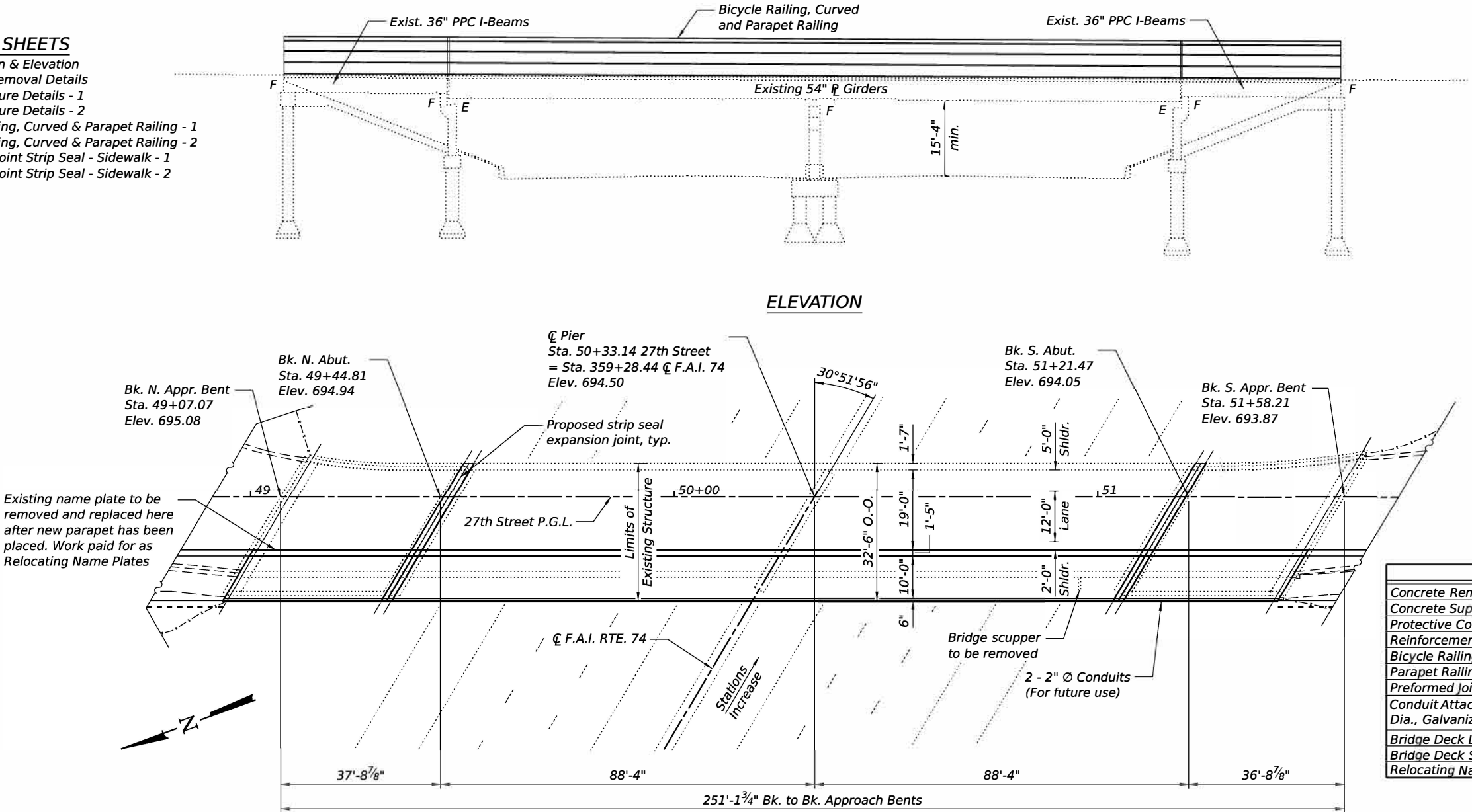
Allow 25#/sq. ft. for future wearing surface.

DESIGN STRESSES

FIELD UNITS
NEW CONSTRUCTION
f_c = 4,000 psi (Superstructure Concrete)
f_y = 60,000 psi (Reinforcement)

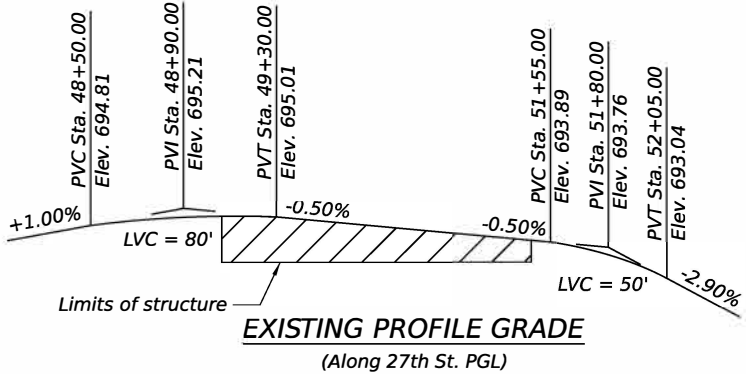
EXISTING STRUCTURE
f_c = 3,500 psi (Superstructure Concrete)
f_y = 60,000 psi (Reinforcement)
f_s = 20,000 psi (Structural Steel)

EXISTING PRECAST PRESTRESSED UNITS
f_c = 5,000 psi
f_s = 248,000 psi (7/16" ∅ strands)
f_{si} = 173,600 psi (7/16" ∅ strands)
f_{ci} = 4,000 psi

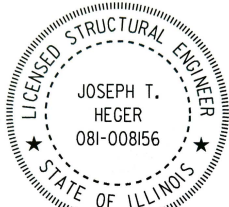


TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Removal	Cu. Yd.	94.2		94.2
Concrete Superstructure	Cu. Yd.	44.6		44.6
Protective Coat	Sq. Yd.	114		114
Reinforcement Bars, Epoxy Coated	Pound	7,440		7,440
Bicycle Railing, Curved	Foot	249		249
Parapet Railing	Foot	249		249
Preformed Joint Strip Seal	Foot	77		77
Conduit Attached to Structure, 2" Dia., Galvanized Steel Furnish Only	Foot	498		498
Bridge Deck Latex Concrete Overlay, 2 1/4"	Sq. Yd.	291		291
Bridge Deck Scarification 2 1/4"	Sq. Yd.	291		291
Relocating Name Plates	Each	1		1



PLAN



"I certify that to the best of my knowledge, information and belief, this design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of the structure and complies with the requirements of the current Design Specifications listed"

Exp. Date 11/30/2026

GENERAL PLAN & ELEVATION
27TH STREET SB OVER F.A.I. RTE. 74
F.A.U. RTE. 5836 - SECTION 23-00291-00-BT
ROCK ISLAND COUNTY
STATION 50+33.14
STRUCTURE NO. 081-0107

MODEL: Default
FILE NAME: 4366005-Sht-General Plan.dgn
License No. 184-000813
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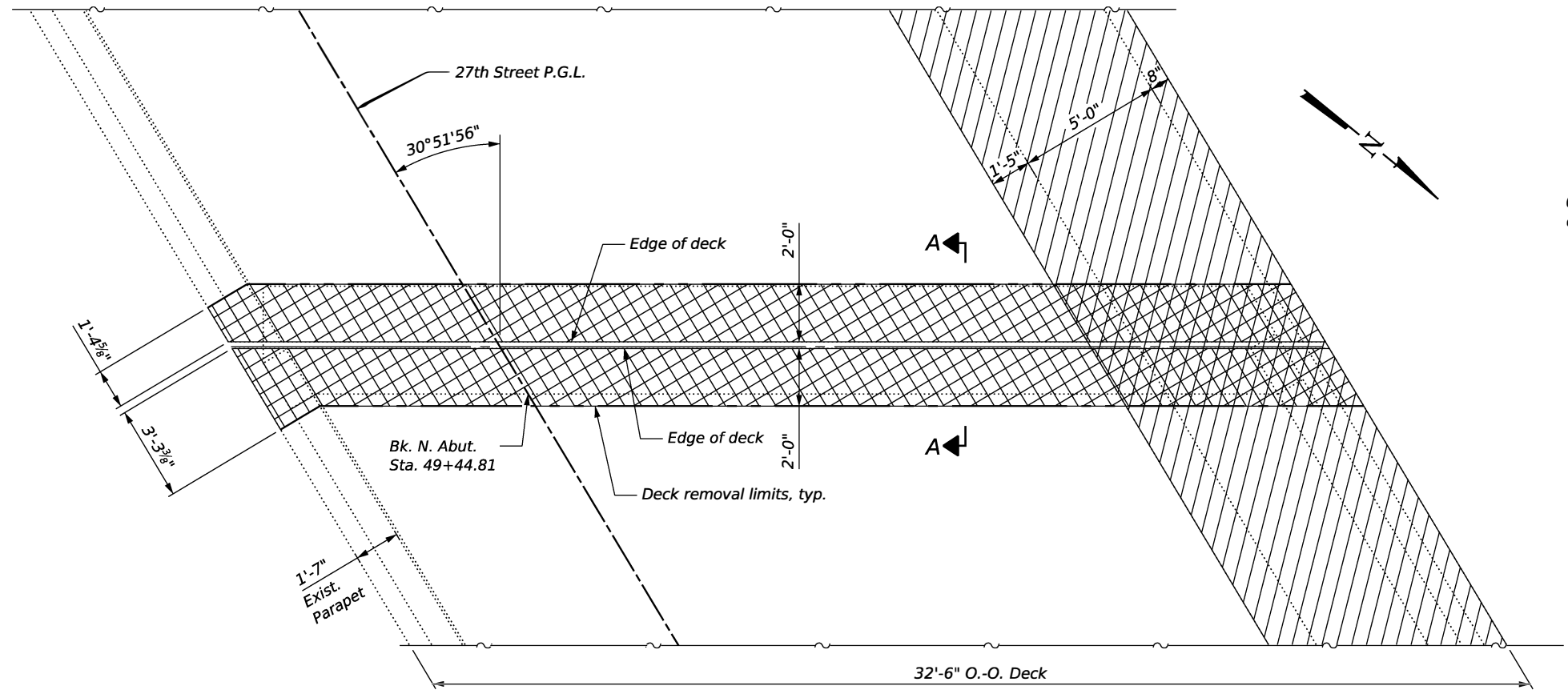
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PLOT SCALE = N/A	DRAWN - TRH	REVISED -
PLOT DATE = 9/12/2025 - 10:55:57 AM	CHECKED - JTH/DH	REVISED -
	DATE - OCTOBER 2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

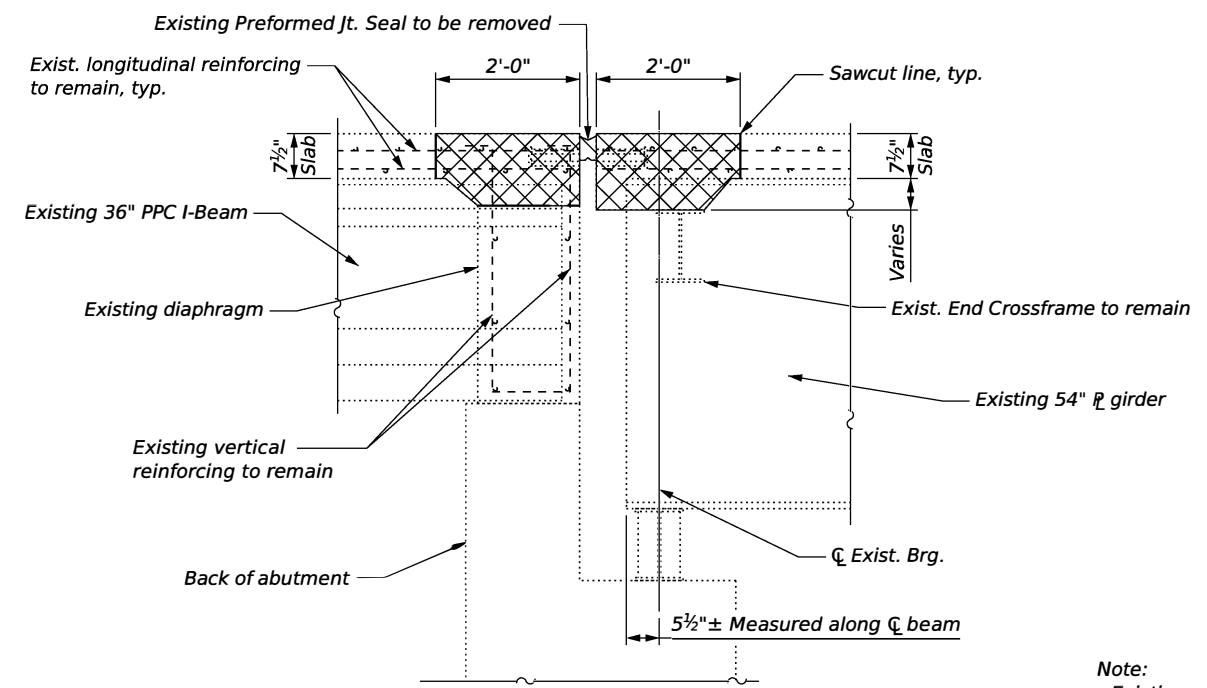
GENERAL PLAN & ELEVATION
STRUCTURE NO. 081-0107

SHEET 1 OF 8 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5836	23-00291-00-BT	ROCK ISLAND	184	90
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

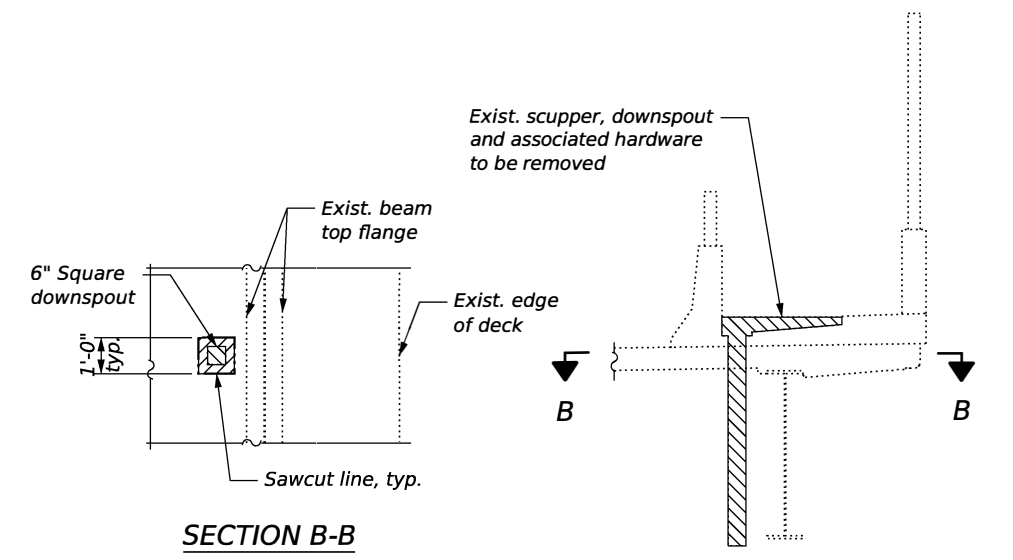


PLAN - NORTH ABUTMENT
(North abut. shown, south abut. similar)



SECTION A-A

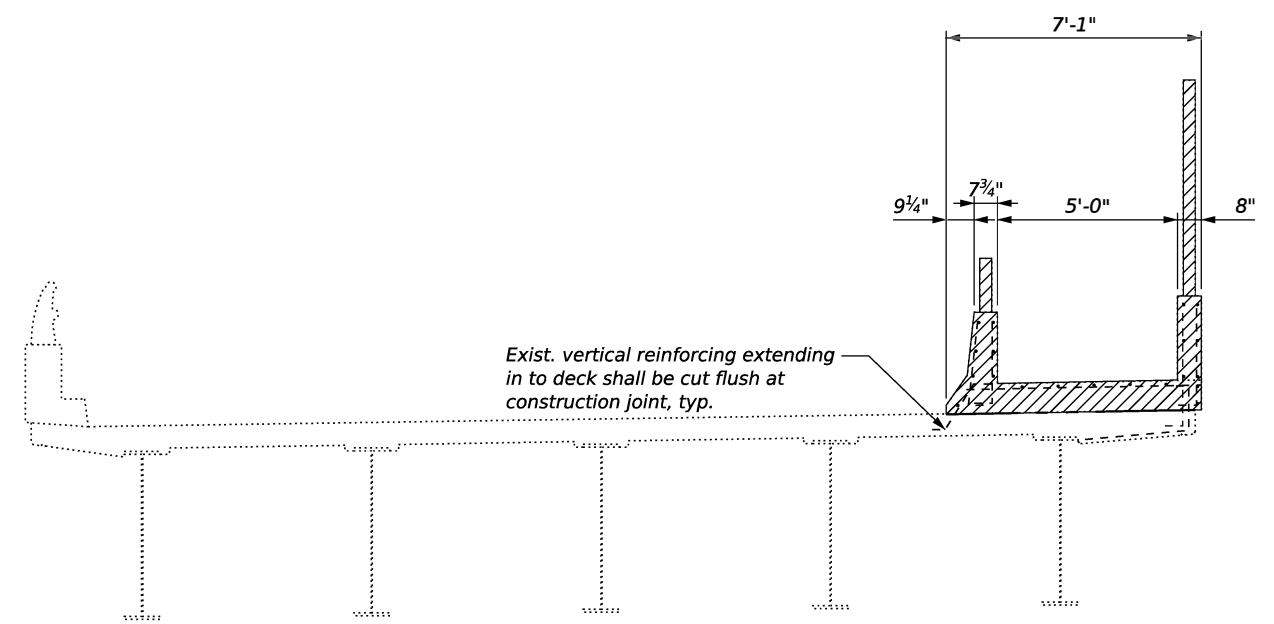
Note:
Existing reinforcement shall be cleaned, straightened, and incorporated into the new construction. Cost included with Concrete Removal.
Sidewalk and barrier removal shall be completed prior to removing deck and expansion joints.



DRAINAGE SCUPPER REMOVAL

LEGEND

- = Indicates sidewalk, railing and parapet to be removed
- = Indicates deck and expansion joint areas to be removed
- = Indicates scupper to be removed



CROSS SECTION
(Looking South)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Concrete Removal	Cu. Yd.	94.2

MODEL - Removed Details (sheet)
FILE NAME - 85785-00-SN Removal Details.dgn

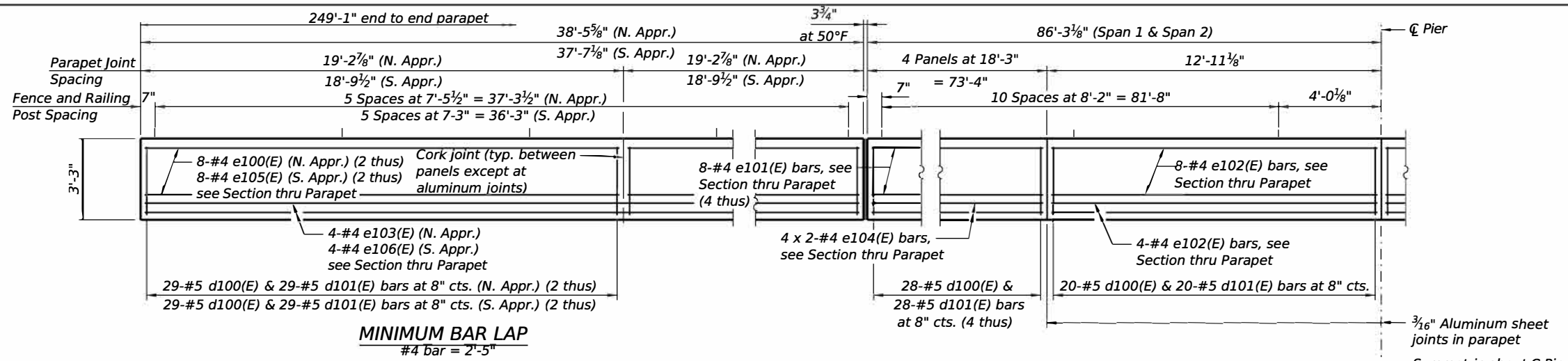


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	DATE - OCTOBER 2024	REVISED -

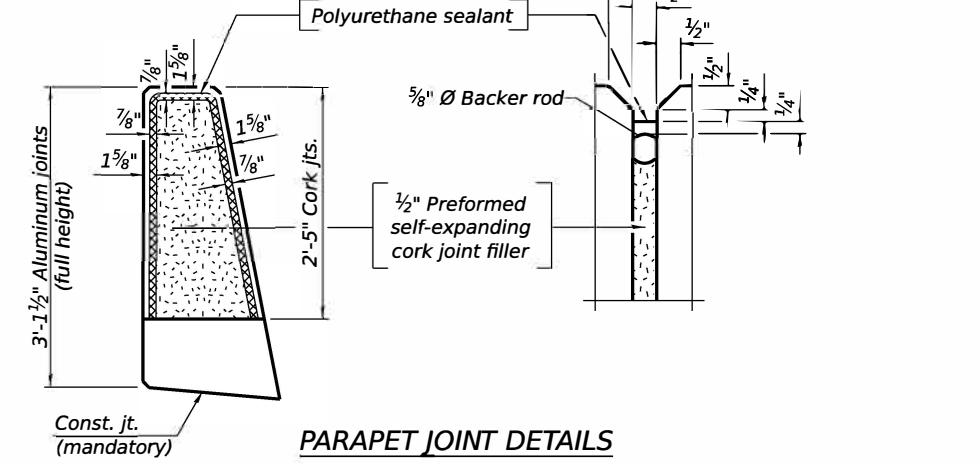
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURE REMOVAL DETAILS
STRUCTURE NO. 081-0107
SHEET 2 OF 8 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5836	23-00291-00-BT	ROCK ISLAND	184	91
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



INSIDE ELEVATION OF PARAPET
(Measured along front face of parapet)

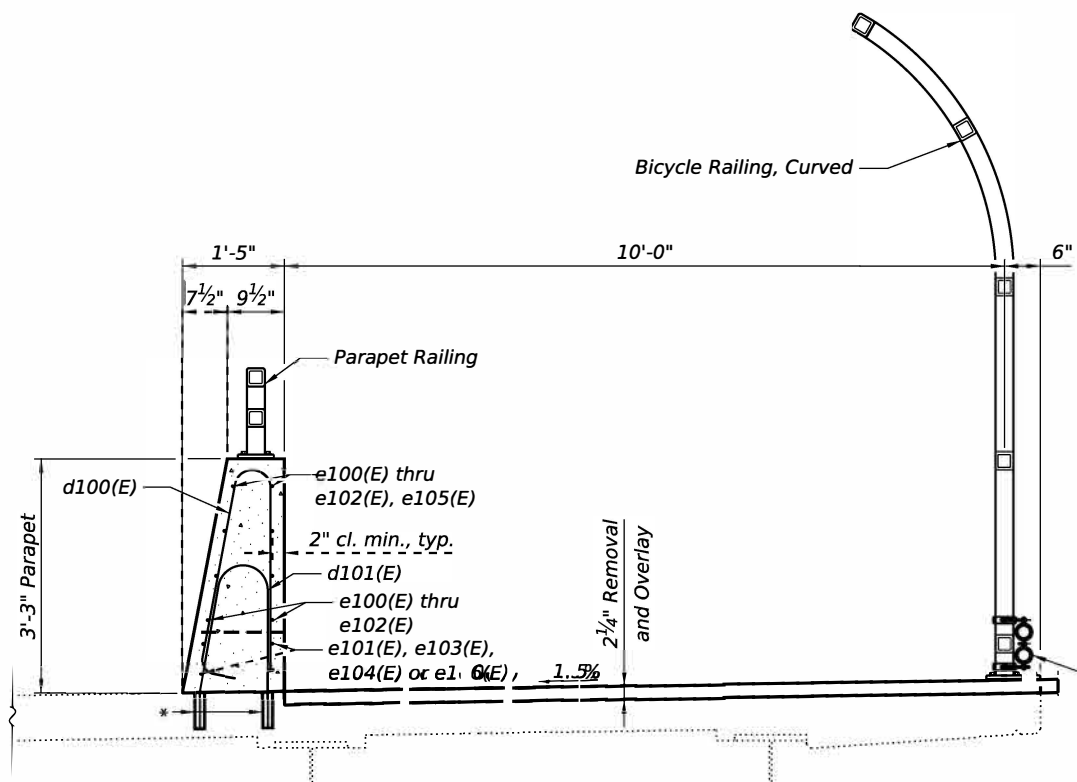


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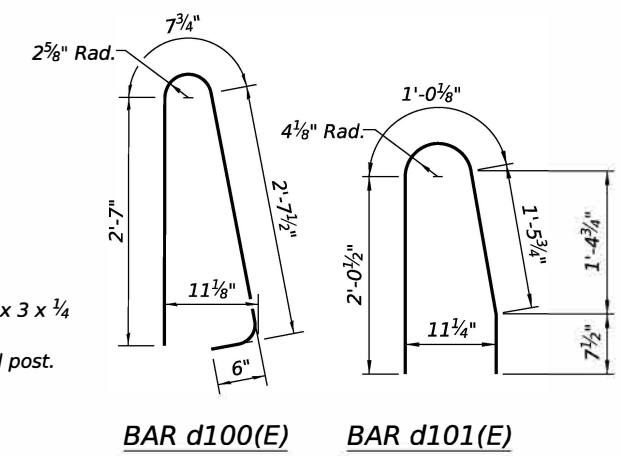
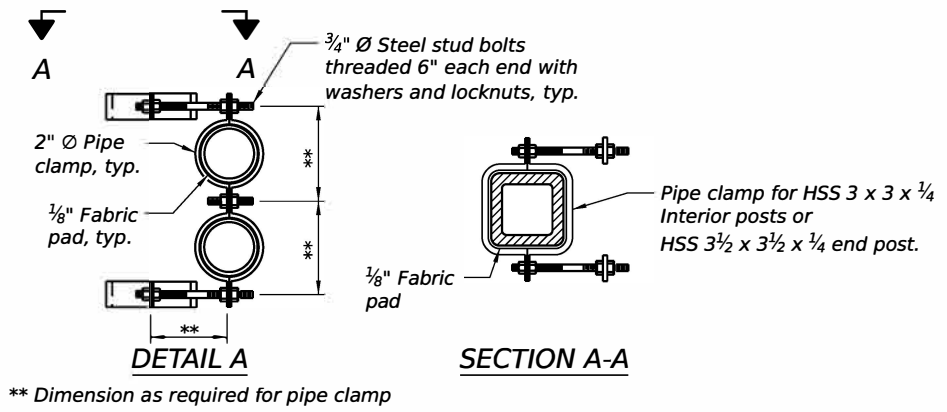
The 3/16" aluminum sheet shall be ASTM B 209 alloy 3003-H14 and coated with 5 mils of either bitumen paint or epoxy paint to minimize reaction with wet concrete.

The polyurethane sealant shall be according to Article 1050.04 of the Std. Spec. and the color shall be gray.

The clamping device for 2" conduits shall be galvanized according to AASHTO M 232. Cost of clamping device included with Conduit Attached to Structure.



* Drill and set #5 d101(E) bar according to Article 509.06 of the Standard Specifications. Drilled holes shall be roughened or scored per manufacturer's recommendations. Maximum depth of hole shall not exceed 6". Contractor shall take all necessary precautions to prevent drilled hole interference with deck reinforcement bars. Locate longitudinal bars to miss drilled locations. Locate drilled holes to miss transverse bars in deck.



SUPERSTRUCTURE
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a100(E)	24	#5	37'-5"	—
d100(E)	380	#5	6'-5"	Λ
d101(E)	380	#5	5'-2"	Λ
e100(E)	16	#4	18'-11"	—
e101(E)	64	#4	17'-11"	—
e102(E)	16	#4	12'-7"	—
e103(E)	4	#4	38'-2"	—
e104(E)	16	#4	39'-0"	—
e105(E)	16	#4	18'-4"	—
e106(E)	4	#4	37'-4"	—
Concrete Superstructure			Cu. Yds.	44.6
Protective Coat			Sq. Yd.	114
Reinforcement Bars, Epoxy Coated			Pound	7,440
Conduit Attached to Structure, 2" Dia. Galvanized Steel			Foot	498
Bridge Deck Latex Concrete Overlay, 2 1/4"			Sq. Yds.	291
Bridge Deck Scarification, 2 1/4"			Sq. Yds.	291

Bars indicated thus 4 x 2-#4 etc. indicates 4 line of bars with 2 lengths per line.

MODEL: Default
FILE NAME: 436900-SHS-Superstructure Details.dgn
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USER NAME = Vincent Tan	DESIGNED = DRC	REVISED =
DRAWN =	REVISOR =	
PLOT SCALE = N/A	CHECKED = JTH/DH	REVISED =
PLOT DATE = 9/12/2025 - 10:52:05 AM	DATE = SEPTEMBER 2024	REVISED =

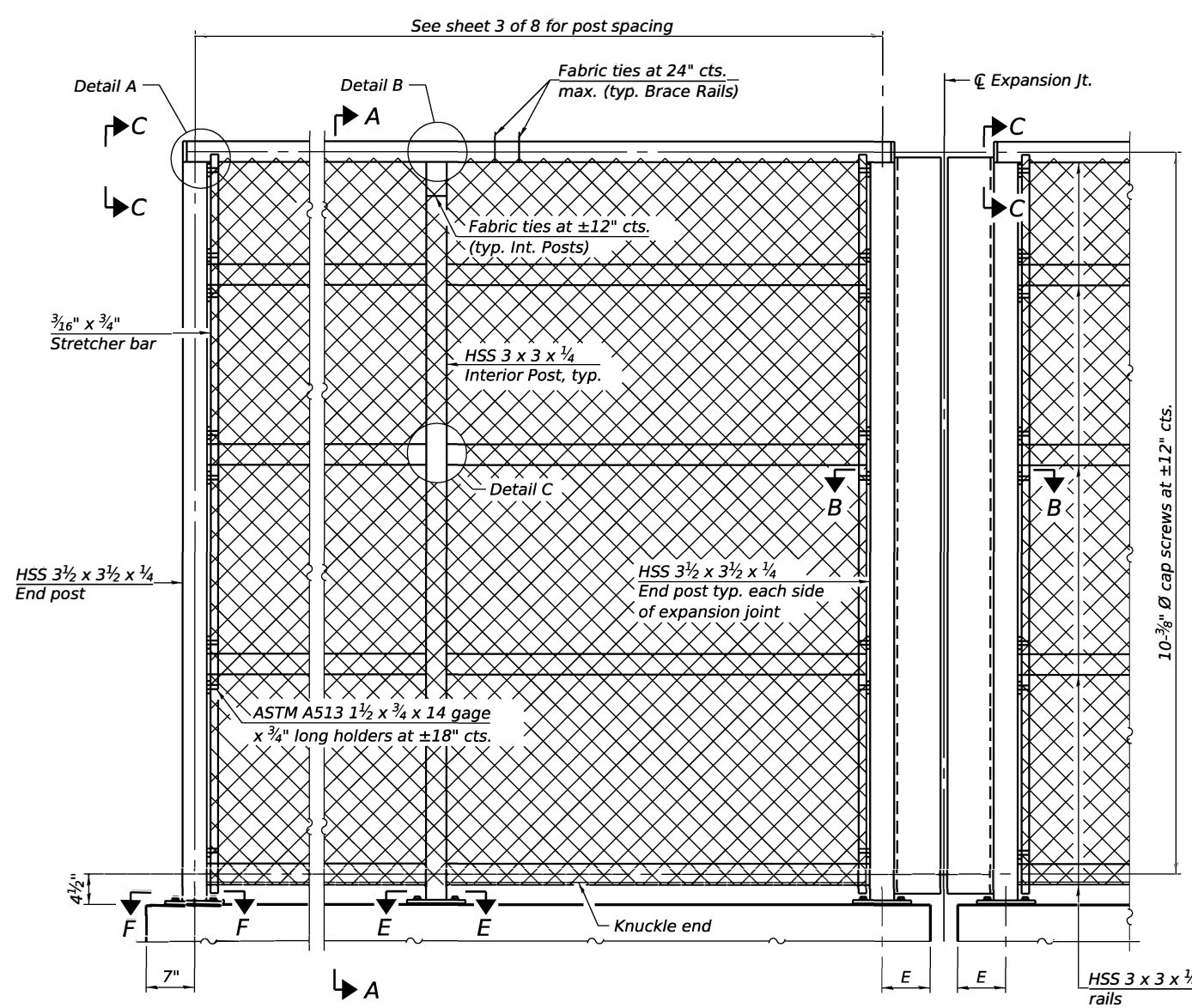
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS - 1
STRUCTURE NO. 081-0107

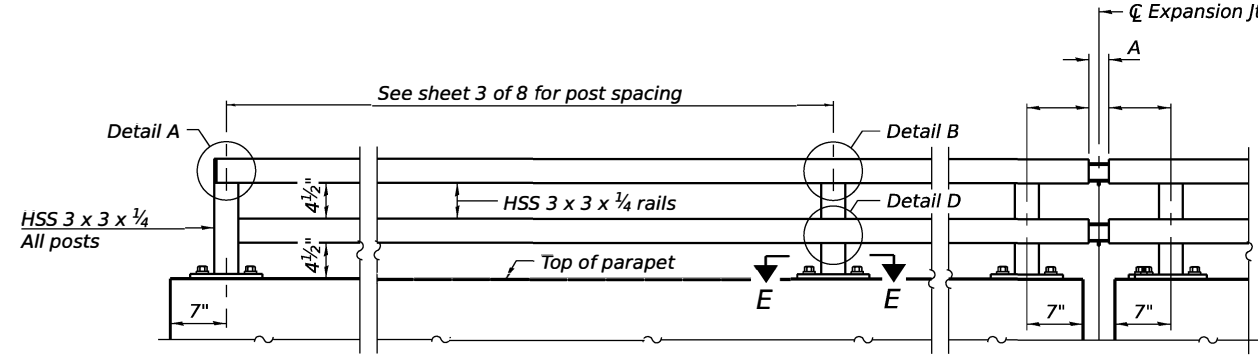
SHEET 3 OF 8 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	92
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

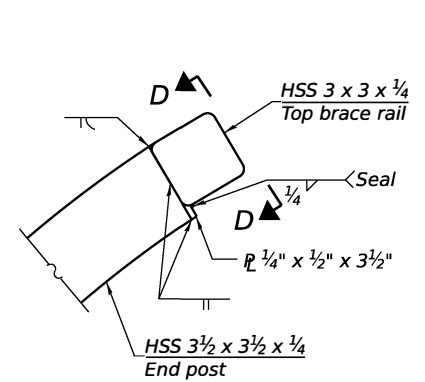
 License No. 184-000613 ©Copyright CMT Inc.	USER NAME = Vincent Tan	DESIGNED - DRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUPERSTRUCTURE DETAILS – 2 STRUCTURE NO. 081-0107	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN - DRC	REVISED -					ROCK ISLAND	184	93		
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								SHEET 4 OF 8 SHEETS				



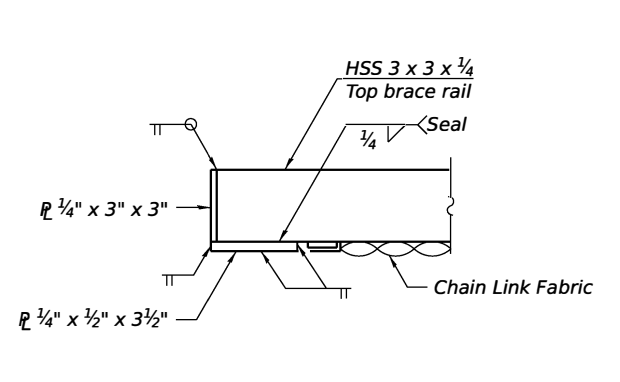
ELEVATION BICYCLE RAILING, CURVED
(Inside face)



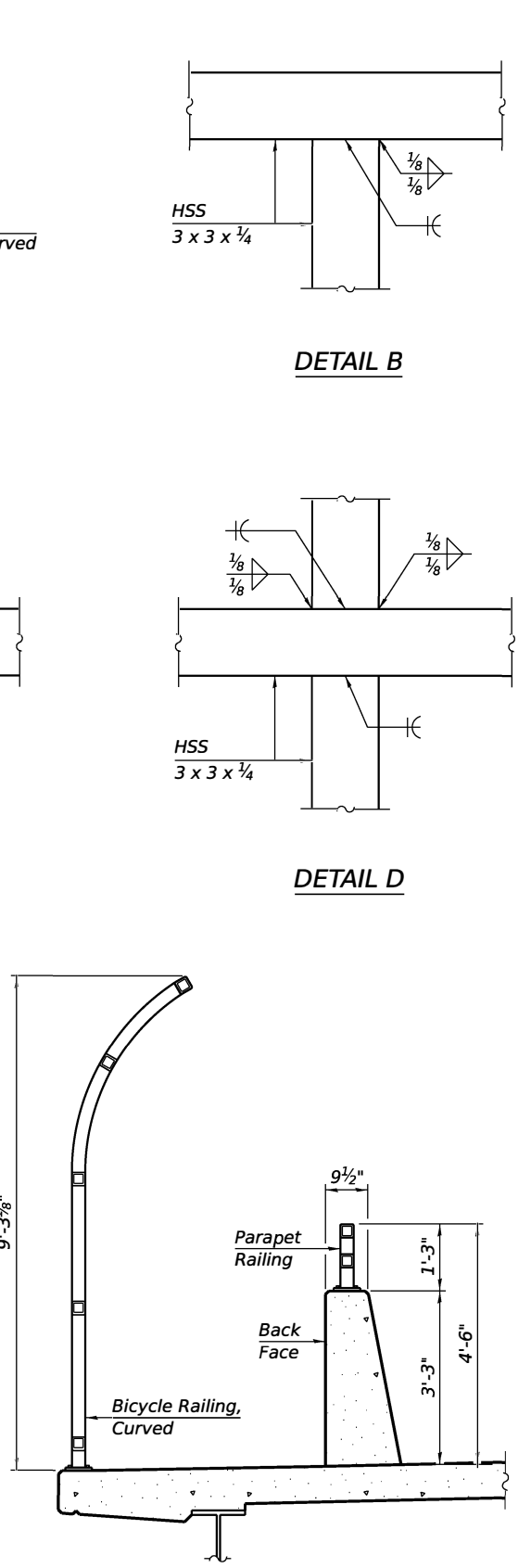
ELEVATION PARAPET RAILING
(Inside face)



VIEW C-C



VIEW D-D



SECTION THRU DECK

DETAIL A
(Parapet railing shown, bicycle railing similar)

DETAIL B

DETAIL C

DETAIL D

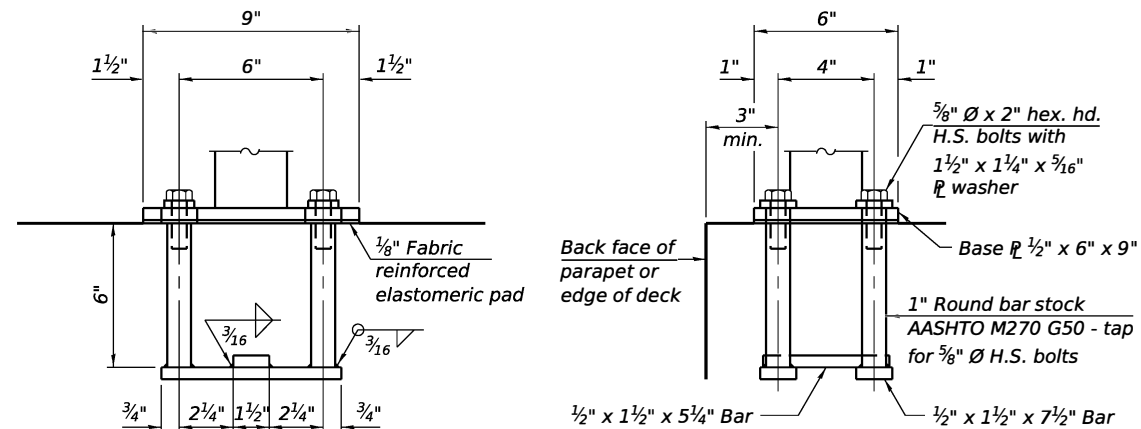
RAILING CRITERIA

MASH 2016 Test Level	4
Parapet Railing Weight (plf)	25
Bicycle Railing Weight (plf)	50
Max Post Spacing	10'-0"

R-33 5-15-2023

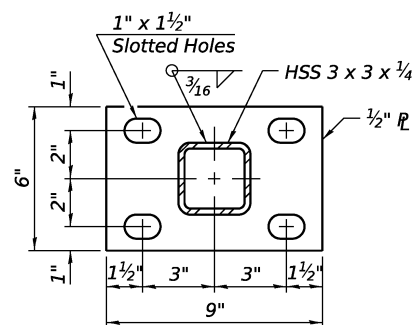
	USER NAME = Vincent Tan	DESIGNED - DRC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BICYCLE RAILING, CURVED & PARAPET RAILING - 1 STRUCTURE NO. 081-0107	F.A.U. RTE. 5836	SECTION 23-00291-00-BT	COUNTY ROCK ISLAND	TOTAL SHEETS 184	SHEET NO. 94
	PLOT SCALE = N/A	CHECKED - JTH/DH	REVISED -			CONTRACT NO.				
	PLOT DATE = 9/12/2025 - 8:45:54 AM	DATE - OCTOBER 2024	REVISED -			ILLINOIS FED. AID PROJECT				

MODEL: Railing Details Sheet 1 of 2
FILE NAME: 48900-SH-Railing_Details.dgn

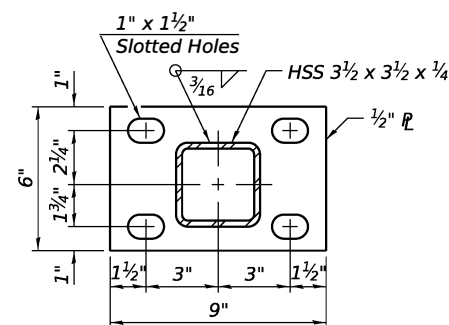


ANCHORAGE ASSEMBLY

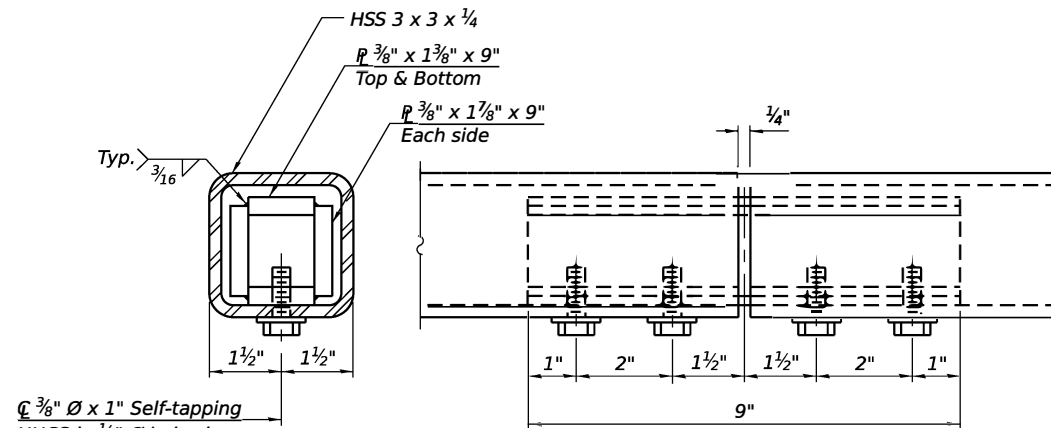
The Bicycle Railing, Curved fasteners for end posts near expansion joints may need to be installed prior to installing the bent plates. In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" Ø fully threaded anchor rods with the same plate washers 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.



SECTION E-E

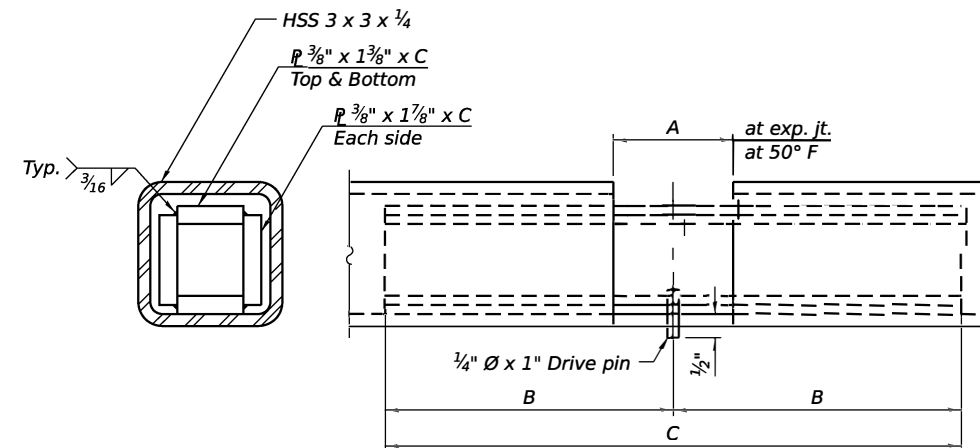


SECTION F-F

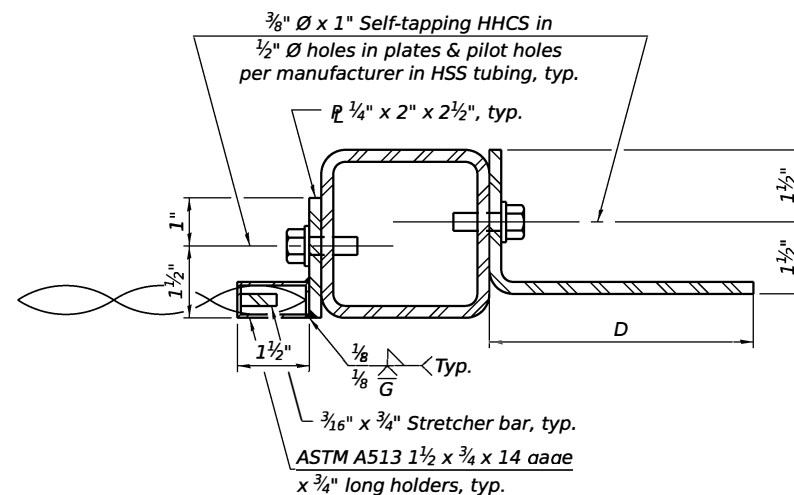


MATERIAL SPLICE

Typ. 3/16" 3/8" Ø x 1" Self-tapping HHCS in 1/2" Ø holes in HSS tubing and pilot holes per manufacturer in plates



EXPANSION SPLICE



SECTION B-B

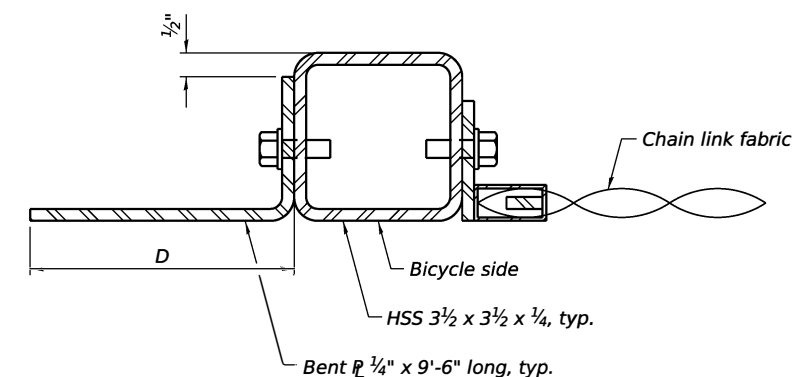


TABLE OF DIMENSIONS

Location	T	A	B	C	D	E
Over Strip Seal Jt.	≤4"	2 1/2"	1'-2"	2'-4"	7 1/4"	7"
Over Finger or Modular Jt.	≤9 1/2"	5 1/2"	1'-7 3/4"	3'-3 1/2"		
Over Finger or Modular Jt.	≤15"	8 1/4"	2'-1 1/4"	4'-2 1/2"		

T= ; total movement based on total temperature range from -20°F to 120°F along centerline of roadway at expansion joint.

R-33

5-15-2023

CMT

USER NAME = Vincent Tan
DRAWN = DRC
PLOT SCALE = N/A
PLOT DATE = 9/12/2025 8:46:23 AM

DESIGNED = DRC
CHECKED = JTH/DH
DATE = OCTOBER 2024

REVISED =
REVISED =
REVISED =
REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

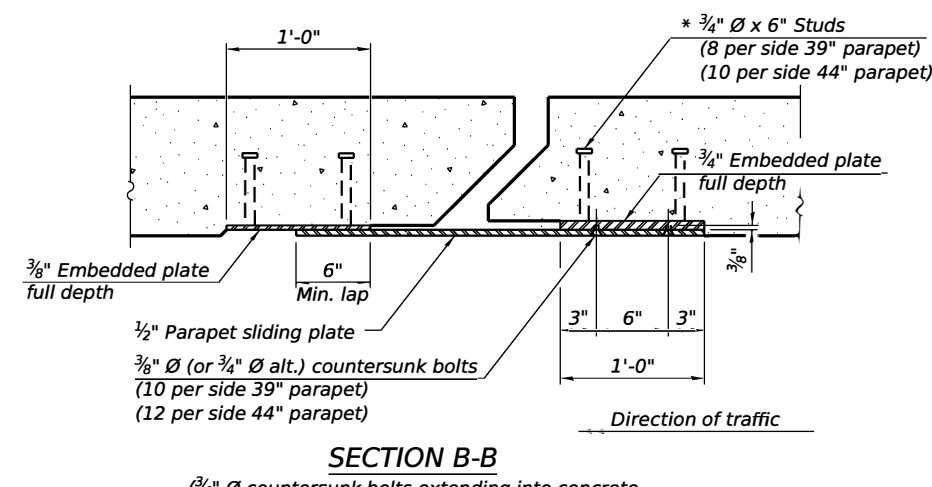
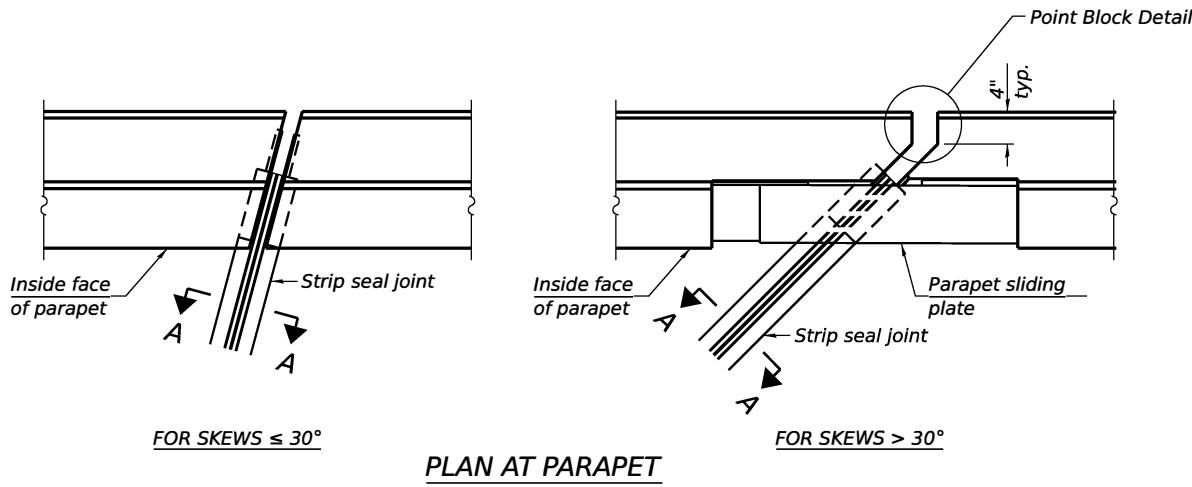
BICYCLE RAILING, CURVED & PARAPET RAILING - 2
STRUCTURE NO. 081-0107

SHEET 6 OF 8 SHEETS

BILL OF MATERIAL

Item	Unit	Quantity
Bicycle Railing, Curved	Foot	249
Parapet Railing	Foot	249

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5836	23-00291-00-BT	ROCK ISLAND	184	95
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



Notes:

The strip seal shall be made continuous and shall have a minimum thickness of $\frac{1}{4}$ ". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the $4\frac{1}{2}$ " maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.

The manufacturer's recommended installation methods shall be followed.

All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

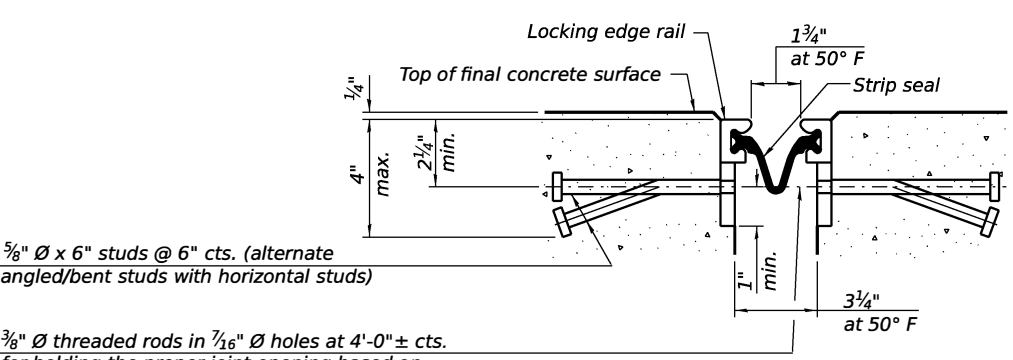
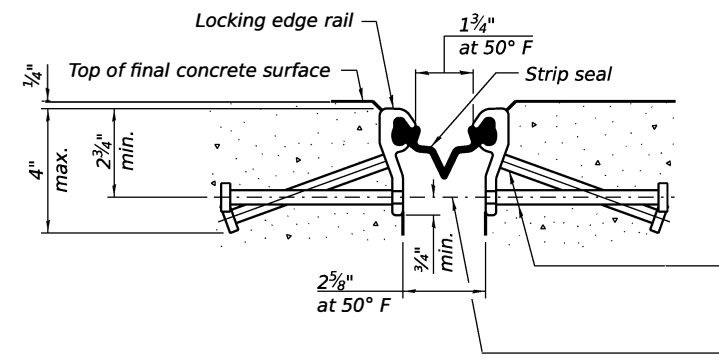
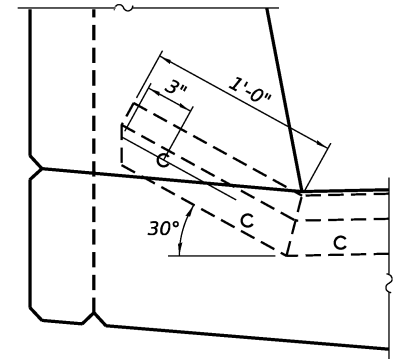
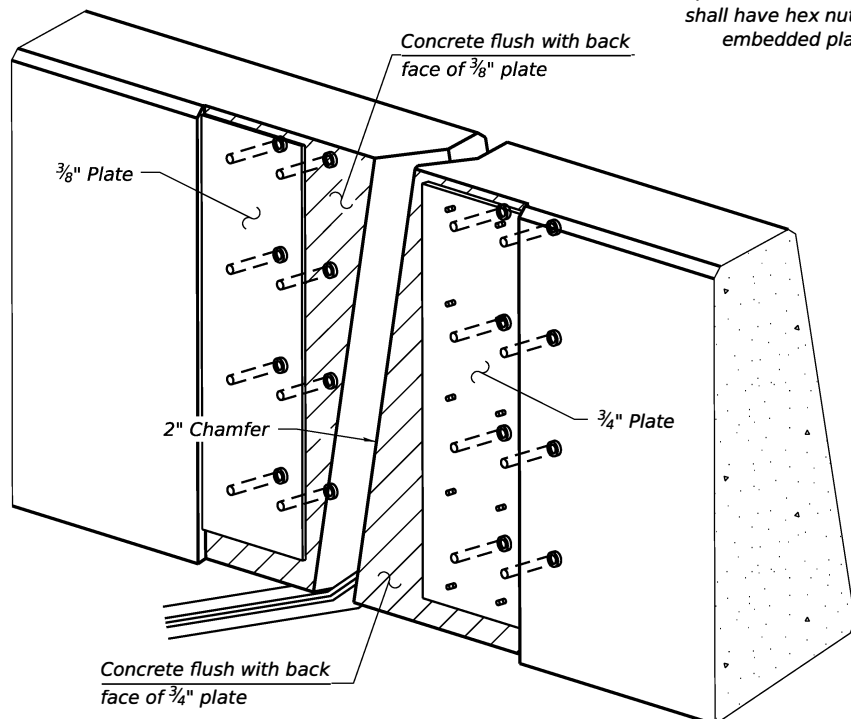
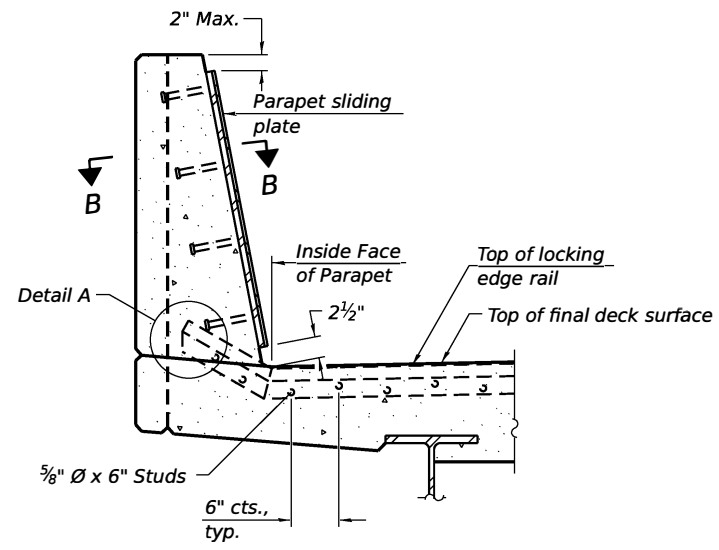
The Maximum space between locking edge rail segments shall be $\frac{3}{16}$ " and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.

The top surface of sidewalk sliding plates shall have a raised pattern according to ASTM A786.

Cost of parapet sliding plates, sidewalk sliding plates, embedded plates, anchorage studs, and expansion anchors included with Preformed Joint Strip Seal.

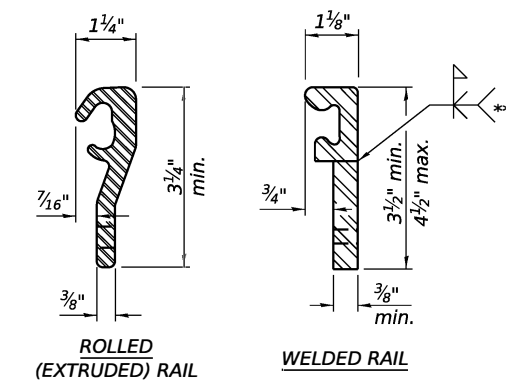
39" constant slope barrier shown, 44" constant slope barrier similar as noted.

The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.



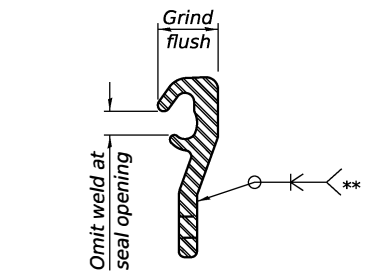
* 5/8" $\varnothing$ x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)

3/8" $\varnothing$ threaded rods in 7/16" $\varnothing$ holes at 4'-0" $\pm$ cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.



LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock-up.



The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	77

SECTION A-A

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

MODEL: Expansion Joint Detail (Sheet 2 of 2)
FILE NAME: 48860-01-Expansion Joint Details.dgn

EI-SS-S

4-4-2025



USER NAME	= Vincent Tan
PLOT SCALE	= N/A
PLOT DATE	= 9/12/2025 - 8:54:03 AM

DESIGNED	- DRC
DRAWN	- DRC
CHECKED	- JTH/DH
DATE	- OCTOBER 2024

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL - SIDEWALK - 1
STRUCTURE NO. 081-0107

SHEET 7 OF 8 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5836	23-00291-00-BT	ROCK ISLAND	184	96
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

BENCHMARK

Survey marker on top of parapet at NW corner of bridge
S.N. 081-0107. Sta. 49+04+62, Offset 18.57' Rt., Elev 699.62

SEISMIC DATA

Sismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec (SD1) = 0.087g
Design Spectral Acceleration at 0.2 sec (SDS) = 0.127g
Soil Site Class = D

DESIGN STRESSES

FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (Structural Steel)

EXISTING STRUCTURE

None

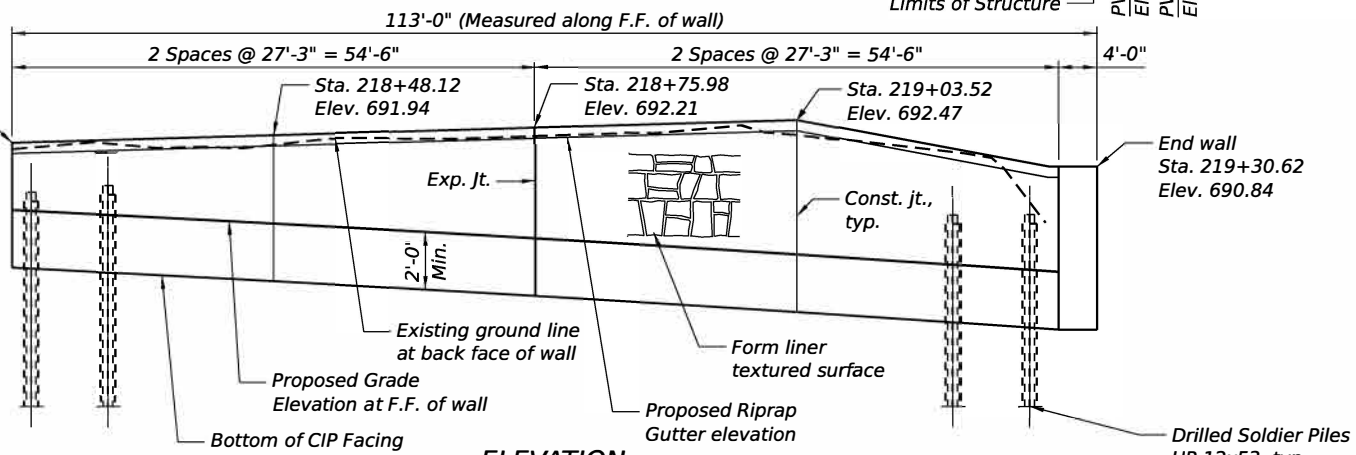
DESIGN SPECIFICATIONS

2024 AASHTO LRFD Bridge Design Specifications, 10th Edition

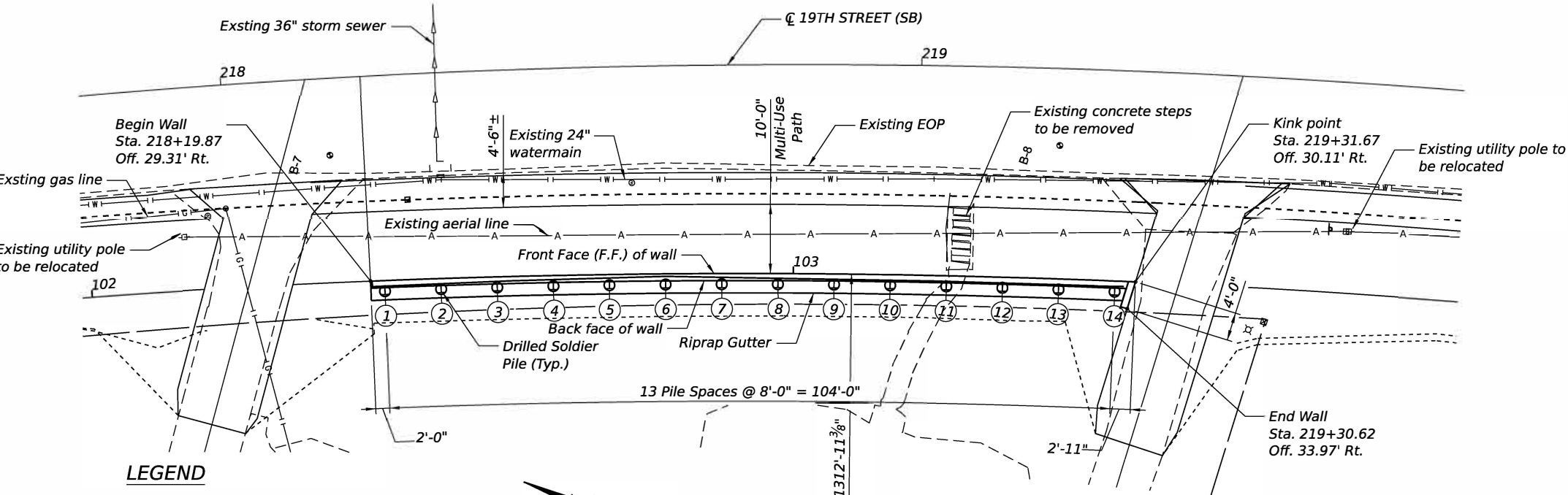
HORIZONTAL CURVE DATA

EX CURVE 19th Street (SB)
PI STA = 221+30.47
Δ = 60°04'53" (RT)
D = 04°48'53"
R = 1,190.00'
T = 688.17'
L = 1247.86'
E = 184.66'
e =
PC STA = 214+42.30
PT STA = 226+90.15

PR CURVE Multi-Use Path
PI STA = 102+91.12
Δ = 06°35'56" (RT)
D = 04°21'50"
R = 1,312.95'
T = 75.69'
L = 151.22
E = 2.18'
e =
PC STA = 102+15.42
PT STA = 103+66.64



ELEVATION
(Looking at front face of wall, unfolded view)



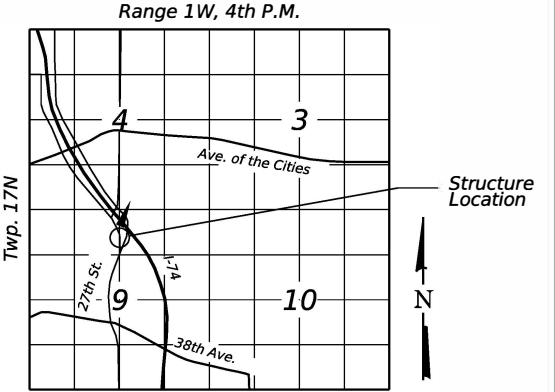
PLAN

NOTES

- Wall Stations and Offsets are given to the front face of the wall and are measured from the centerline of 19th Street.
- Horizontal dimensions measured along front face of precast panels.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structure Excavation	Cu. Yd.	34
Concrete Encasement	Cu. Yd.	19.6
Form Liner Textured Surface	Sq. Ft.	676
Stud Shear Connectors	Each	124
Reinforcement Bars, Epoxy Coated	Pound	1,970
Furnishing Soldier Piles (HP Section)	Foot	223
Drilling and Setting Piles (In Soil)	Cu. Ft.	723
Untreated Timber Lagging	Sq. Ft.	110
Concrete Structures (Retaining Wall)	Cu. Yd.	25.8
Geocomposite Wall Drain	Sq. Yd.	9
Controlled Low-Strength Material	Cu. Yd.	6.0
Pipe Underdrains For Structures 4"	Foot	109



LOCATION SKETCH

GENERAL PLAN & ELEVATION

RETAINING WALL 1

ALONG 19TH ST SOUTHBOUND

F.A.U. RTE. 5834 - SECTION 23-00291-00-BT

ROCK ISLAND COUNTY

STATION 218+19.97 TO STATION 219+31.67

STRUCTURE NO. 081-W001



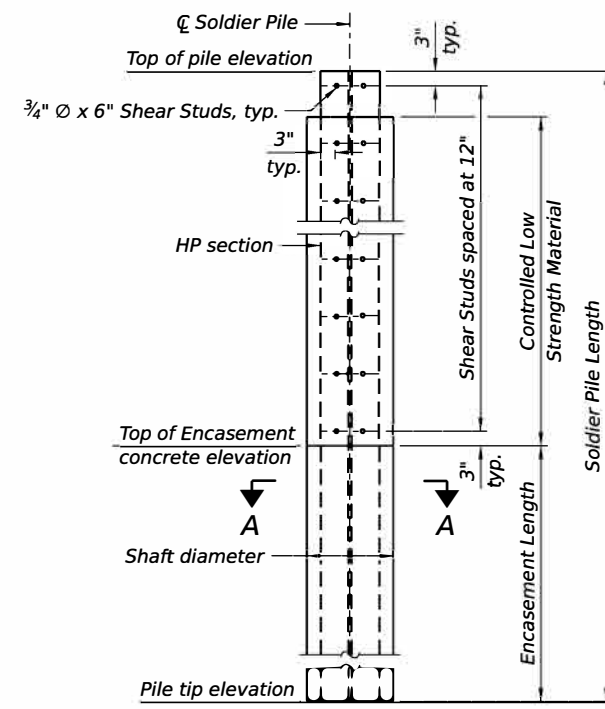
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PLOT SCALE = 0.16666633' / in.	DRAWN = DRC	REVISED =
PLOT DATE = 10/2/2025 - 10:03:08 AM	CHECKED = JTH/DH	REVISED =
	DATE = AUGUST 2025	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

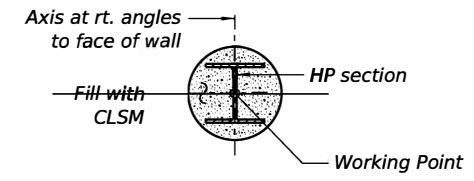
GENERAL PLAN & ELEVATION
STRUCTURE NO. 081-W001

SHEET 1 OF 5 SHEETS

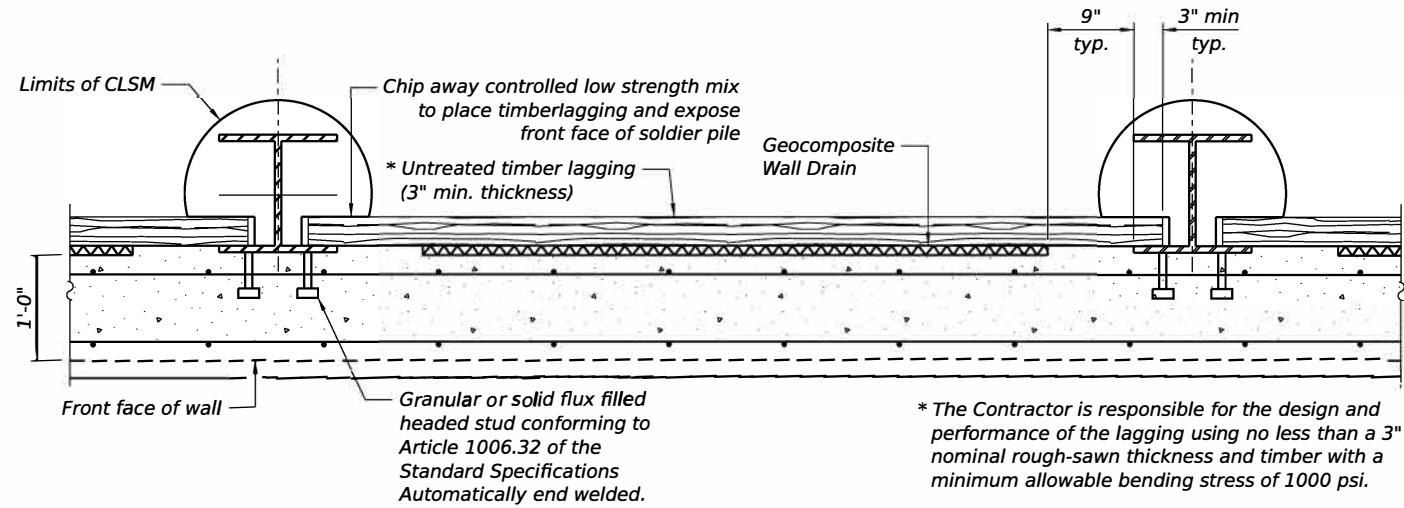
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	98
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



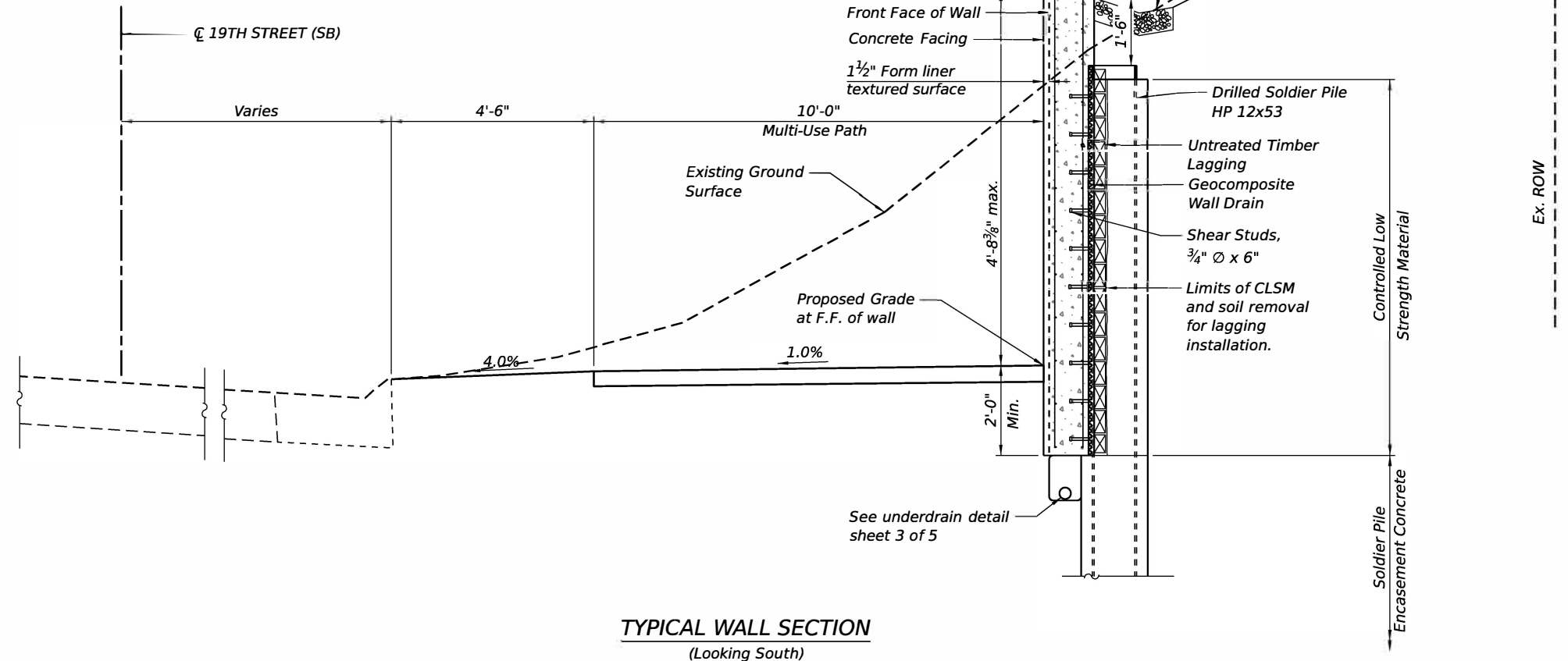
**SOLDIER PILE ELEVATION AND
SHEAR STUD CONNECTION DETAILS**



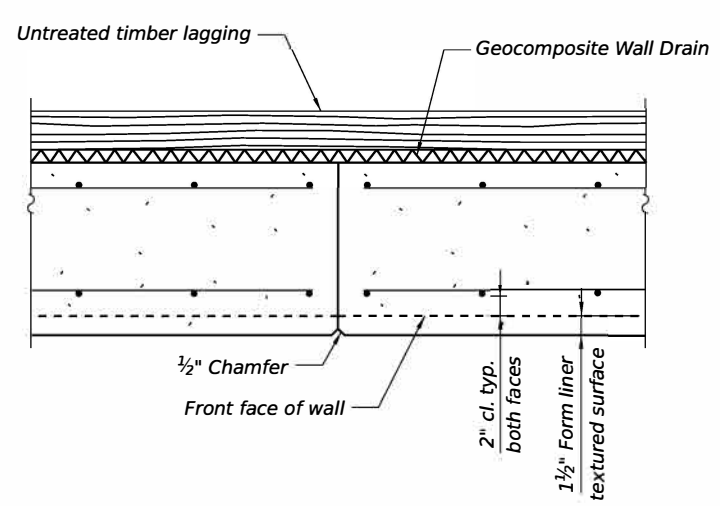
SECTION A-A



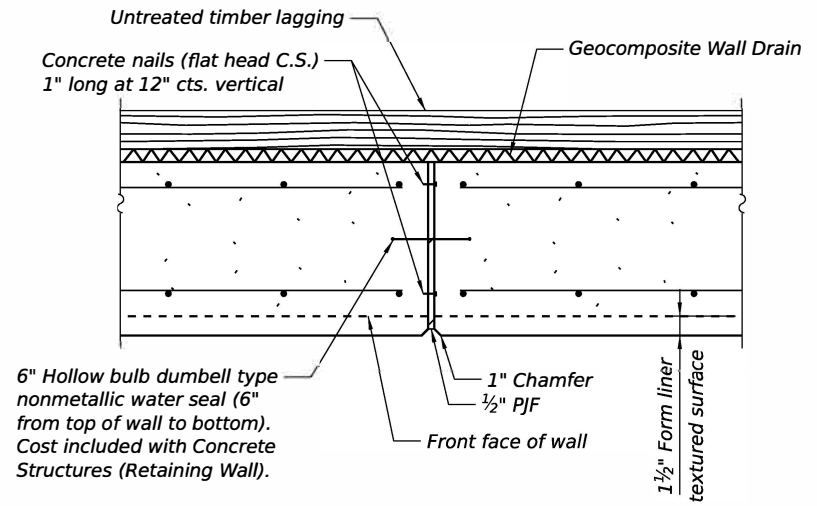
**SECTION THRU DRILLED
SOLDIER PILE WALL**



**TYPICAL WALL SECTION
(Looking South)**



CONSTRUCTION JOINT



EXPANSION JOINT

MODEL: Default
FILE NAME: 456600-Sht-General Plan Wall 1.dgn
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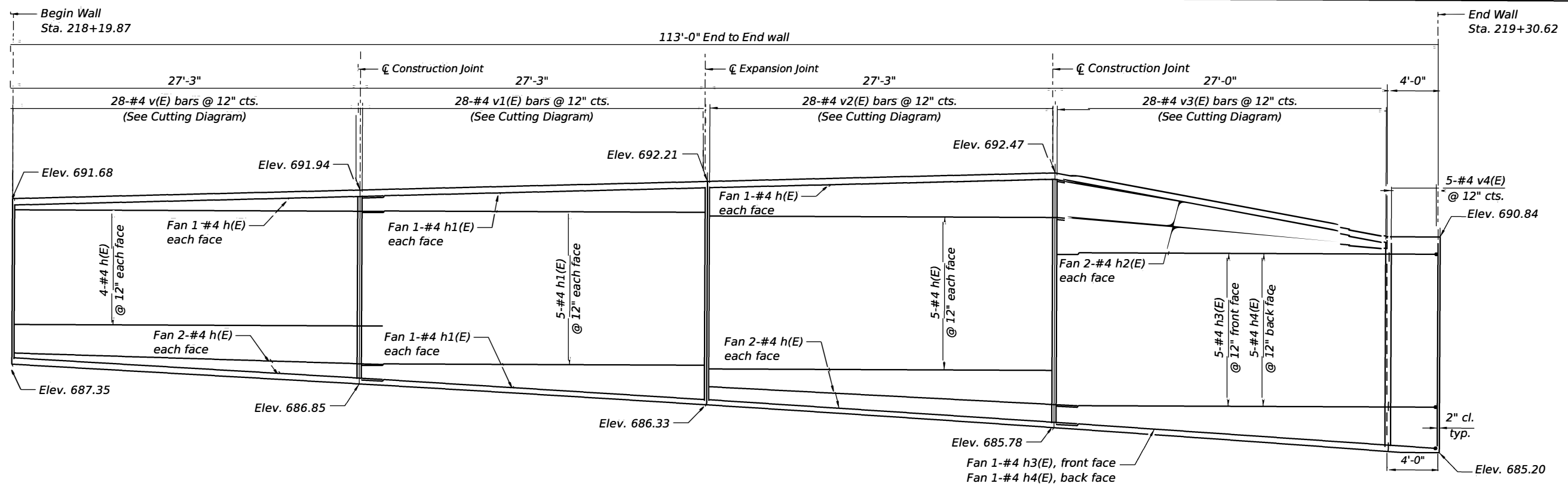
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DRAWN	- DRC	REVIS	-		
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PLOT DATE	= 10/2/2025 - 9:11:05 AM	DATE	- AUGUST 2025	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS
STRUCTURE NO. 081-W001**

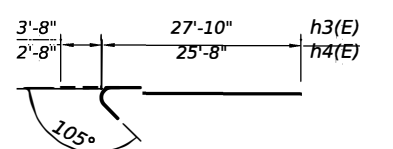
SHEET 2 OF 5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	99
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

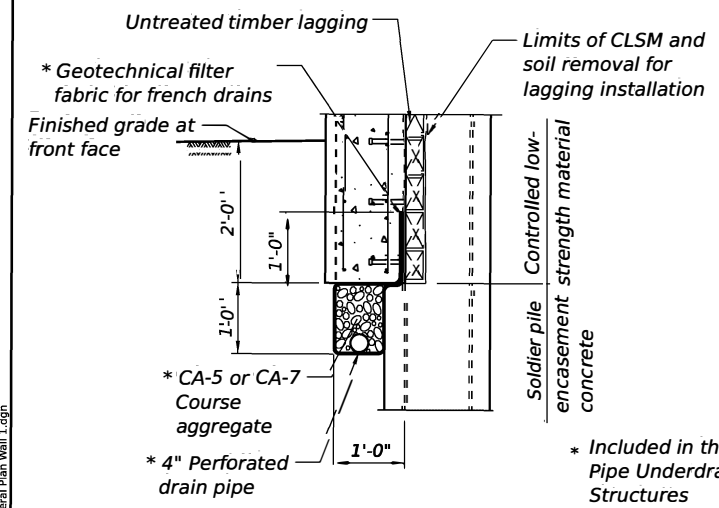


WALL ELEVATION
(Facing west, unfolded view)

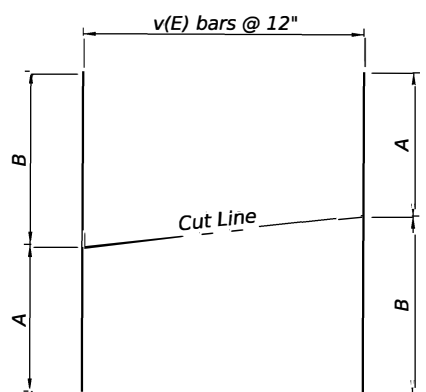
MINIMUM BAR LAP
#4 = 2'-2"



BAR h3(E) & h4(E)



UNDERDRAIN DETAIL



BAR CUTTING DIAGRAM

Note: Order bars full length. Cut as shown and use remainder of bars on opposite face.

Bar	A	B
v(E)	4'-0"	4'-9"
v1(E)	4'-8 1/8"	5'-6 1/8"
v2(E)	5'-6 3/8"	6'-4 3/8"
v3(E)	6'-4 3/8"	5'-3 3/8"

SOLDIER PILE DATA

Pile No.	Station	Offset	Top of Wall Elev.	Pile Size	Pile Tip Elev.	Pile Length (ft)	Top of Encasement Elev.	Encasement Diameter (in)	Encasement Length (ft)
1	219+21.91	30.85' RT.	691.70	HP12x84	675.32	15.0	687.32	24.0	12.00
2	218+30.12	30.94' RT.	691.78	HP12x84	675.18	15.0	687.18	24.0	12.00
3	218+38.33	31.03' RT.	691.86	HP12x84	675.04	16.0	687.04	24.0	12.00
4	218+46.54	31.12' RT.	691.93	HP12x84	674.89	16.0	686.89	24.0	12.00
5	218+54.75	31.19' RT.	692.01	HP12x84	674.73	16.0	686.73	24.0	12.00
6	218+62.96	31.26' RT.	692.09	HP12x84	674.56	16.0	686.56	24.0	12.00
7	218+71.17	31.33' RT.	692.16	HP12x84	674.40	17.0	686.40	24.0	12.00
8	218+79.93	31.39' RT.	692.24	HP12x84	674.24	17.0	686.24	24.0	12.00
9	218+87.60	31.44' RT.	692.32	HP12x84	674.07	17.0	686.07	24.0	12.00
10	218+95.81	31.49' RT.	692.39	HP12x84	673.91	17.0	685.91	24.0	12.00
11	219+04.03	31.53' RT.	692.45	HP12x84	673.75	18.0	685.75	24.0	12.00
12	219+12.24	31.56' RT.	691.96	HP12x84	673.58	17.0	685.58	24.0	12.00
13	219+20.46	31.59' RT.	691.46	HP12x84	673.42	17.0	685.42	24.0	12.00
14	219+28.67	31.61' RT.	690.46	HP12x84	673.26	16.0	685.26	24.0	12.00

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	30	#4	29'-5"	
h1(E)	14	#4	27'-0"	
h2(E)	4	#4	26'-8"	
h3(E)	6	#4	31'-6"	
h4(E)	6	#4	28'-4"	
v(E)	28	#4	8'-9"	
v1(E)	28	#4	10'-3"	
v2(E)	28	#4	11'-11"	
v3(E)	28	#4	11'-8"	
v4(E)	5	#4	5'-3"	
Stud Shear Connectors			Each	124
Reinforcement Bars, Epoxy Coated			Pound	1,970
Concrete Structures (Retaining Wall)			Cu. Yd.	25.8

MODEL: Default
FILE NAME: 435900-Sht-General Plan Wall 1.dgn



USER NAME = Vincent Tan	DESIGNED - DRC	REVISED -
	DRAWN - DRC	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - DH	REVISED -
PLOT DATE = 10/2/2025 - 9:27:54 AM	DATE - AUGUST 2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS
STRUCTURE NO. 081-W001

SHEET 3 OF 5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5834	23-00291-00-BT	ROCK ISLAND	184	100
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				