

FOR INDEX OF SHEETS, SEE SHEET NO. 3

TRAFFIC DATA

IL ROUTE 3 CONNECTOR

EXISTING ADT: NA (2015)

DESIGN ADT: 6,600 (2045 PARTIAL BUILD)

DESIGN ADT: 11,300 (2045 FULL BUILD)

IL ROUTE 203

EXISTING ADT: 21,400 (2015) S.U. = 4.4% M.U. = 5.6%

DESIGN ADT: 18,000-24,900 (2045 PARTIAL BUILD)

DESIGN ADT: 15,300-24,700 (2045 FULL BUILD)

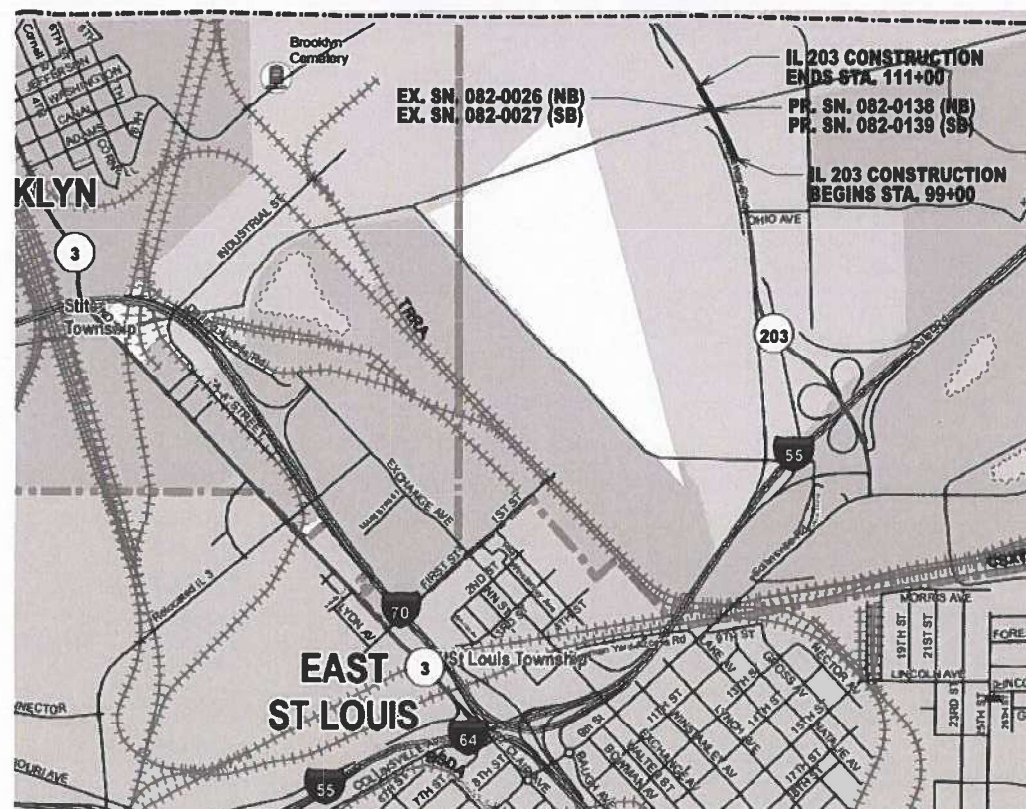
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED
HIGHWAY PLANS**

**FAP ROUTE 594 (IL 203)
SECTION 580-BR-1
PROJECT NHPP-RU6P(160)
BRIDGE AND ROADWAY RECONSTRUCTION
ST. CLAIR COUNTY**

C-98-044-25

R 9 W, 3RD PRINCIPAL MERIDIAN



SECTION 6, CANTEEN TOWNSHIP

GROSS LENGTH = 1200.00 FT. = 0.227 MILE
NET LENGTH = 918.99 FT. = 0.174 MILE

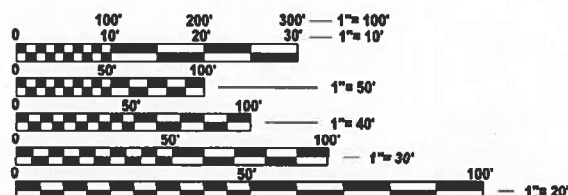
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140*	1
		ILLINOIS	CONTRACT NO. 76T17	

* 140 - 2 = 138 TOTAL SHEETS

D-98-009-25



FUNCTIONAL CLASSIFICATION
IL ROUTE 203 - OTHER PRINCIPAL ARTERIAL
IL ROUTE 3 CONNECTOR - URBAN
MINOR ARTERIAL



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

PROJECT MANAGER: CHERYL KEPLAR, P.E.

CONTRACT NO. 76T17

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 3 2025

[Signature]
REGIONAL ENGINEER

August 15 2025

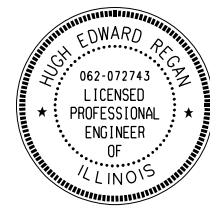
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

August 15 2025

[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

FAP ROUTE 594 (IL 203) BRIDGE AND ROADWAY RECONSTRUCTION SECTION 580-BR-1



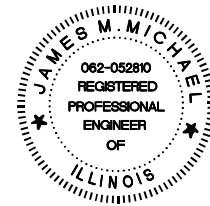
SEAL

SIGNATURE: Hugh Edward Regan

DATE SIGNED: 08-13-2025

LICENSE
EXPIRATION DATE: 11-30-2025

THIS SEAL APPLIES TO SHEETS:
1-20, 22-53, 63-67, 71-73, 123-134, 136-140



SEAL

SIGNATURE: James M. Michael

DATE SIGNED: 08-13-2025

LICENSE
EXPIRATION DATE: 11-30-2025

THIS SEAL APPLIES TO SHEETS:
21, 54-62, 68-70



SEAL

SIGNATURE: Irisilia Colletti

DATE SIGNED: 08-13-2025

LICENSE
EXPIRATION DATE: 11-30-2026

THIS SEAL APPLIES TO SHEETS:
74-122, 135

MODEL: Discipline Stamps (Sheet)
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USER NAME = jschaefer	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/6/2025	DATE - 8/13/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 203 BRIDGE AND ROADWAY RECONSTRUCTION
PROFESSIONAL SEALS**

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	2
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

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135	CONCRETE BARRIER DETAILS
136-140	IL 203 CROSS SECTIONS

IDOT HIGHWAY STANDARDS

STD. NO.	TITLE
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
420001-10	PAVEMENT JOINTS
420101-07	24 FT JOINTED PCC PAVEMENT
420106-07	36 FT JOINTED PCC PAVEMENT
420111-04	PCC PAVEMENT ROUNDOUTS
420401-13	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
483001-06	PCC SHOULDER
515001-04	NAME PLATE FOR BRIDGES
542401-04	METAL FLARED END SECTION FOR PIPE CULVERTS
602301-04	INLET, TYPE A
602401-07	PRECAST MANHOLE, TYPE A, 4' (1.22 M) DIAMETER
602406-11	PRECAST MANHOLE, TYPE A, 6' (1.83 M) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-05	FRAME AND LIDS, TYPE 1
604006-05	FRAME AND GRATE, TYPE 3
604026-03	FRAME AND GRATE, TYPE 6
604036-03	FRAME AND GRATE, TYPE 8
604071-07	FRAME AND GRATE, TYPE 20
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
610001-09	SHOULDER INLET WITH CURB
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
666001-01	RIGHT-OF-WAY MARKERS
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS > 45 MPH TO 55 MPH
701423-10	LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS > 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS > 45 MPH
701431-13	LANE CLOSURE, MULTILANE, UNDIVIDED WITH CROSSOVER, FOR SPEEDS > 45 MPH TO 55 MPH
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
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 AND DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE CONTRACTOR SHALL ENSURE THAT POSITIVE DRAINAGE IS MAINTAINED AT ALL TIMES DURING AND AFTER CONSTRUCTION.
- ALL EXISTING RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE ROADWAY PLANS ARE A GRAPHICAL REPRESENTATION AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
- UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:
AMEREN ILLINOIS
METRO EAST SANITARY DISTRICT
ILLINOIS AMERICAN WATER COMPANY
AT&T ILLINOIS
CHARTER COMMUNICATIONS, INC.
- ALL ELEVATIONS SHOWN REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM RECORD INFORMATION FURNISHED BY UTILITIES. ALL UNDERGROUND UTILITIES MUST BE CONSIDERED APPROXIMATE.
- NO CLOSURES WILL BE ALLOWED ON THE WEEKEND OF MAJOR RACES AT THE WORLD WIDE TECHNOLOGY RACEWAY. A MINIMUM OF TWO TRAFFIC LANES SHALL BE PROVIDED TO ALLOW UNENCUMBERED TRAFFIC ALONG THE ROADWAY DURING RACE EVENTS:
- SEE "EVENT WEEKEND RESTRICTIONS PROVISION"
- 10 FT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- REMOVAL OF EXISTING PIPE UNDERDRAIN AND PIPE UNDERDRAIN OUTFALL STRUCTURES ARE INCLUDED IN THE PRICE OF EARTH EXCAVATION.
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.
- THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION - RELATED SKILLS, E.G., MATH FOR THE TRADES. JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION. TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

COMMITMENTS

- NO CONSTRUCTION ACTIVITIES CAN BE UNDERTAKEN UNTIL ARCHAEOLOGICAL INVESTIGATIONS HAVE BEEN CONCLUDED AND WRITTEN CLEARANCE FOR INDIVIDUAL PARCELS HAS BEEN RECEIVED FROM THE IDOT CULTURAL RESOURCES UNIT.
- NO TREE CLEARING WILL OCCUR BETWEEN APRIL 1 AND SEPTEMBER 30.
- THE IL ROUTE 203 BRIDGE OVER CAHOKIA CREEK WILL BE REMOVED PRIOR TO NESTING SEASON, WHICH IS APRIL 1 THROUGH AUGUST 15, IN ORDER TO MINIMIZE IMPACT TO NESTING SWALLOWS.
- IN ORDER TO AVOID IMPACTS TO ACTIVE NESTING BREEDING PAIRS OF ANY LISTED BIRD SPECIES, ALL EFFORTS MUST BE MADE TO AVOID BEGINNING CONSTRUCTION ACTIVITIES WITHIN ANY WETLANDS BETWEEN APRIL 1 AND JULY 31. IF WORK WITHIN A WETLAND BEGINS OUTSIDE THESE DATES, IDOT IS SATISFIED THAT CONSTRUCTION ACTIVITIES WILL DETER LISTED WETLAND BIRD SPECIES FROM FORAGING OR NESTING IN THOSE WETLANDS, GIVEN THE PRESENCE OF EXTENSIVE WETLANDS IMMEDIATELY OUTSIDE THE PROPOSED PROJECT FOOTPRINT.
- ALL WATER WELLS THAT ARE WITHIN THE PROJECT FOOTPRINT WILL BE PROPERLY CAPPED AND ABANDONED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF PUBLIC HEALTH REQUIREMENTS.
- ACCIDENTAL SPILLS OF HAZARDOUS MATERIALS AND WASTES DURING CONSTRUCTION OR OPERATION OF THE TRANSPORTATION SYSTEM REQUIRE SPECIAL RESPONSE MEASURES. OCCURRENCES WILL BE HANDLED IN ACCORDANCE WITH LOCAL GOVERNMENT RESPONSE PROCEDURES.
- THE CONTRACTOR SHALL BE AWARE THAT NO EXCAVATION ACTIVITIES WILL BE ALLOWED PRIOR TO NOVEMBER 1, 2025.

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	- JRS	-
	- HER	-
PLOT DATE = 8/6/2025	DATE = 8/13/2025	REVISD =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS
AND GENERAL NOTES

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	3
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

REV - MS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				SAFETY	BRIDGE	BRIDGE
				0021	0010	0010
				URBAN	SN 082-0138	SN 082-0139
20200100	EARTH EXCAVATION	CU YD	3,320	3,320		
20400800	FURNISHED EXCAVATION	CU YD	1,665	1,665		
20800150	TRENCH BACKFILL	CU YD	191	191		
25000210	SEEDING, CLASS 2A	ACRE	2	2		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	154	154		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	154	154		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	154	154		
25100630	EROSION CONTROL BLANKET	SQ YD	8,264	8,264		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	171	171		
28000305	TEMPORARY DITCH CHECKS	FOOT	227	227		
28000500	INLET AND PIPE PROTECTION	EACH	17	17		
28100101	STONE RIPRAP, CLASS A1	SQ YD	126	126		
28100105	STONE RIPRAP, CLASS A3	SQ YD	38	38		
28100107	STONE RIPRAP, CLASS A4	SQ YD	817		382	435

* SPECIALTY ITEM

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	CHECKED - HER	REVISED -
PLOT DATE = 5/8/2025	DATE - 8/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET 1 OF 10 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	4
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				SAFETY	BRIDGE	BRIDGE
				0021	0010	0010
				URBAN	SN 082-0138	SN 082-0139
28200200	FILTER FABRIC	SQ YD	662	38	293	331
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	136	136		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	10,434	10,434		
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1,576	1,576		
31200100	STABILIZED SUBBASE 4"	SQ YD	10,434	10,434		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	461	461		
40604064	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	40	40		
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	5,231	5,231		
42000060	WELDED WIRE REINFORCEMENT	SQ YD	391	391		
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	559	559		
42000511	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)	SQ YD	5,693	5,693		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	161	161		
42400800	DETECTABLE WARNINGS	SQ FT	25	25		
44000100	PAVEMENT REMOVAL	SQ YD	6,350	6,350		

* SPECIALTY ITEM

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	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/11/2025	DATE - 8/13/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET 2 OF 10 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	5
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				SAFETY 0021	BRIDGE 0010	BRIDGE 0010
				URBAN	SN 082-0138	SN 082-0139
44004250	PAVED SHOULDER REMOVAL	SQ YD	2,751	2,751		
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	573	573		
48203039	HOT-MIX ASPHALT SHOULDERS, 10 1/2"	SQ YD	671	671		
48300510	PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"	SQ YD	3,102	3,102		
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1			1
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1	
50200100	STRUCTURE EXCAVATION	CU YD	2,095		1,001	1,094
50200300	COFFERDAM EXCAVATION	CU YD	5,753		2,639	3,114
50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1			1
50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1			1
50201123	COFFERDAM (TYPE 2) (LOCATION - 3)	EACH	1		1	
50201124	COFFERDAM (TYPE 2) (LOCATION - 4)	EACH	1		1	
50300225	CONCRETE STRUCTURES	CU YD	1,116		513	603
50300255	CONCRETE SUPERSTRUCTURE	CU YD	1,066		495	571

* SPECIALTY ITEM

REV - MS



USER NAME = emahinay	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/11/2025	DATE = 8/13/2025	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 3 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	560-BR-1	ST. CLAIR	140	6
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				SAFETY	BRIDGE	BRIDGE
				0021	0010	0010
				URBAN	SN 082-0138	SN 082-0139
50300265	SEAL COAT CONCRETE	CU YD	2,051		915	1,136
50300300	PROTECTIVE COAT	SQ YD	4,090		1,895	2,195
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	336		153	183
50401315	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE BEAMS, IL36N	FOOT	2,838		1,310	1,528
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	574,320		264,550	309,770
50800530	MECHANICAL SPLICERS	EACH	34			34
51201900	FURNISHING STEEL PILES HP14X89	FOOT	5,659		2,607	3,052
51202000	FURNISHING STEEL PILES HP14X102	FOOT	2,817		1,284	1,533
51202305	DRIVING PILES	FOOT	8,476		3,891	4,585
51203900	TEST PILE STEEL HP14X89	EACH	1			1
51500100	NAME PLATES	EACH	2		1	1
52200010	TEMPORARY SHEET PILING	SQ FT	1,131		1,131	
54248510	CONCRETE COLLAR	CU YD	1	1		
54262712	METAL FLARED END SECTIONS 12"	EACH	5	5		

* SPECIALTY ITEM

MODEL: Index 3 - Index 4
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	CHECKED - HER	REVISED -
PLOT DATE = 8/11/2025	DATE - 8/13/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET 4 OF 10 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	7
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				SAFETY	BRIDGE	BRIDGE
				0021	0010	0010
				URBAN	SN 082-0138	SN 082-0139
54262724	METAL FLARED END SECTIONS 24"	EACH	1	1		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	447	447		
550A0326	STORM SEWERS, CLASS A, TYPE 2 6"	FOOT	6	6		
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	161	161		
55100200	STORM SEWER REMOVAL 6"	FOOT	6	6		
55100500	STORM SEWER REMOVAL 12"	FOOT	161	161		
55101200	STORM SEWER REMOVAL 24"	FOOT	211	211		
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	958		457	501
60103500	PIPE DRAINS, CORRUGATED STEEL 12"	FOOT	271	271		
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	314		151	163
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1		
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3		
60218900	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 6 FRAME AND GRATE	EACH	1	1		
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1		

* SPECIALTY ITEM

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USER NAME = emahinay	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/11/2025	DATE - 8/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 5 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	8
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

MODEL: Index 3 - Index 6
 FILE NAME: c:\addb\p\hmb_ischaefer\greatlake\0418663\ID876171-ahh-SOC-06.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				SAFETY	BRIDGE	BRIDGE
				0021	0010	0010
				URBAN	SN 082-0138	SN 082-0139
60219510	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	1		1	
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1	
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1		1	
60236100	INLETS, TYPE A, TYPE 6 FRAME AND GRATE	EACH	1		1	
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	2		2	
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	1		1	
60500040	REMOVING MANHOLES	EACH	1		1	
60500060	REMOVING INLETS	EACH	1		1	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	35		35	
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	611		611	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	2,009		2,009	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	263		263	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3		3	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3		3	

* SPECIALTY ITEM

REV - MS



USER NAME = jschaefer	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/11/2025	DATE = 8/13/2025	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76T17	

MODEL: Index 3 - Index 7
 FILE NAME: c:\cadd\hntb\hntb_jschaefer\greatlakes\0418963\087617-shr-SOC-07.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				SAFETY	BRIDGE	BRIDGE
				0021	0010	0010
				URBAN	SN 082-0138	SN 082-0139
63200310	GUARDRAIL REMOVAL	FOOT	689	689		
64300370	IMPACT ATTENUATORS (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	1	1		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2,980	2,980		
* 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	29	29		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	30	30		
67100100	MOBILIZATION	L SUM	1	1		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	530	530		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	12,186	12,186		
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	36,283	36,283		
70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	11	11		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	6,338	6,338		

* SPECIALTY ITEM



USER NAME = jschaefer	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/7/2025	DATE - 8/13/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 7 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	10
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				SAFETY 0021	BRIDGE 0010	BRIDGE 0010
				URBAN	SN 082-0138	SN 082-0139
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	780	780		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	4,375	4,375		
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2		
70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	6	6		
* 72000100	SIGN PANEL - TYPE 1	SQ FT	16	16		
* 72000200	SIGN PANEL - TYPE 2	SQ FT	36	36		
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	5	5		
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	5	5		
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	62	62		
* 72500100	OBJECT MARKER - TYPE 1	EACH	1	1		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	196	196		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	373	373		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	10,662	10,662		

* SPECIALTY ITEM

REV - MS

MODEL: Index 3 - Index 8
FILE NAME: c:\addb\p\hmb_ischaefec\creat\skel\0418863\ID878171-sht-SOC-08.dgn



USER NAME = emahinay	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/11/2025	DATE = 8/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76T17	

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				SAFETY	BRIDGE	BRIDGE
				0021	0010	0010
				URBAN	SN 082-0138	SN 082-0139
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	132		132	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	84		84	
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	94		94	
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	11,348		11,348	
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	717		717	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	87		87	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	4		4	
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	4		4	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	35		35	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	5,411		5,411	
X1200234	SHOULDER INLET WITH CURB	EACH	2		2	
X2300024	SWING GATE REMOVAL	EACH	1		1	
X4400110	TEMPORARY PAVEMENT REMOVAL	SQ YD	1,806		1,806	
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	1,874		750	1,124

* SPECIALTY ITEM

REV - MS

MODEL: Index 3 - Index 9
FILE NAME: c:\addb\p\hmb_ischaefec\greatlake\ud418663\ID878171-shit-SOC-08.dgn



USER NAME = emahinay	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/11/2025	DATE = 8/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	12
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

80% FED
20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				SAFETY 0021	BRIDGE 0010	BRIDGE 0010
				URBAN	SN 082-0138	SN 082-0139
X5080530	BAR TERMINATORS	EACH	1,426		650	776
X550A624	TEMPORARY STORM SEWER 24"	FOOT	133	133		
X6370048	CONCRETE BARRIER BASE (SPECIAL)	FOOT	61	61		
X6370050	CONCRETE BARRIER WALL (SPECIAL)	FOOT	61	61		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1	1		
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	58	58		
* X7830052	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT	EACH	58	58		
Z0004552	APPROACH SLAB REMOVAL	SQ YD	256	256		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
* Z0024475	TUBULAR MARKER	EACH	20	20		
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	3,464		1,619	1,845
Z0062456	TEMPORARY PAVEMENT	SQ YD	3,297	3,297		
∅ Z0076600	TRAINEES	HOUR	3,500	3,500		
X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	1		
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	3,500	3,500		

* SPECIALTY ITEM ∅ 0042

REV - MS

MODEL: Index 3 - Index 10
FILE NAME: c:\acadd\hntb\hntb_ischaefec\greatlake\ud418863\ID878171-shit-SOC-10.dgn



USER NAME = emahinay	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/11/2025	DATE = 8/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

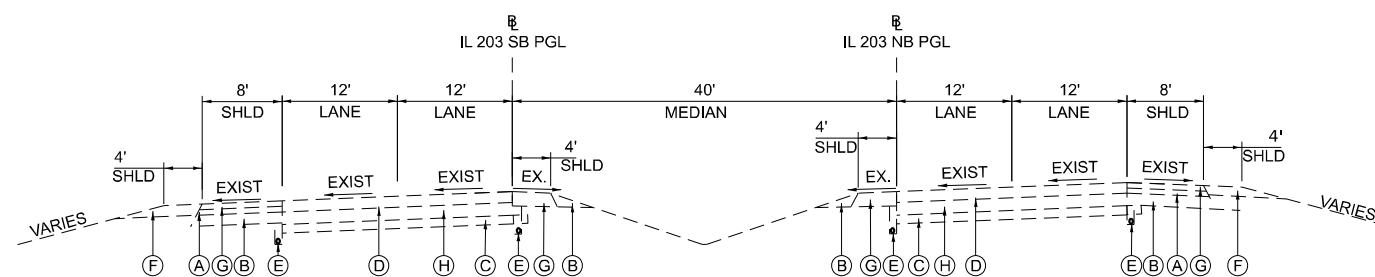
SUMMARY OF QUANTITIES

SCALE: N/A SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76T17	

EXISTING LEGEND

- (A) BITUMINOUS CONCRETE PAVEMENT, 4.5"
- (B) AGGREGATE SHOULDERS, TYPE B 6"
- (C) AGGREGATE BASE COURSE, TYPE B 6"
- (D) BITUMINOUS SURFACE COURSE, 6 3/4"
- (E) PIPE UNDERDRAIN
- (F) AGGREGATE SHOULDERS, TYPE A 10"
- (G) BITUMINOUS SHOULDER SUPERPAVE
- (H) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINED)



EXISTING IL ROUTE 203

EXISTING SECTION
STA. 99+00.00 TO STA. 111+00.00 (203SBPGL)

MODEL: Typical Sections (Sheet)
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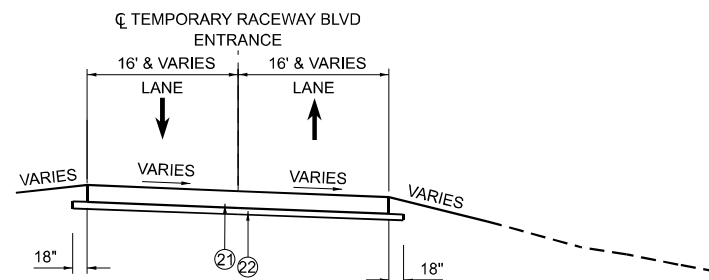
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	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 4/17/2025	DATE - 4/21/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	16
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



PROPOSED TEMPORARY RACEWAY BLVD ENTRANCE

ROADWAY W/ TEMPORARY PAVEMENT
STA. 10+31.95 TO STA. 11+34.90

HMA MIXTURE REQUIREMENT TABLE

MIXTURE USE(S):	TEMPORARY PAVEMENT / SHOULDER			
	SURFACE	BINDER	SURFACE/BUTT JT	STABILIZED SUBBASE
BINDER GRADE (AC/PG):	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ Ndes =70	4.0% @ Ndes =70	4.0% @ Ndes =90	4.0% @ Ndes =30
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL-9.5	IL-19.0	IL-9.5	IL-19.0L
FRICTION AGGREGATE:	MIXTURE "D"	MIXTURE "B"	MIXTURE "D"	
MIXTURE WEIGHT:	112 LB/SQ YD/IN	112 LB/SQ YD/IN	112 LB/SQ YD/IN	112 LB/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA	QC/QA
MATERIAL TRANSFER DEVICE (REQUIRED?)	NO	NO	NO	NO

PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/2" (JOINTED)
- ② PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED)
- ③ STABILIZED SUBBASE 4"
- ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑤ PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/2"
- ⑥ PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
- ⑦ AGGREGATE SHOULDERS, TYPE B 8"
- ⑧ CONCRETE BARRIER WALL (SPECIAL)
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑪ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑫ CONCRETE BARRIER BASE (SPECIAL)
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- ⑰ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑳ HMA TEMPORARY PAVEMENT, 10 1/2"
- ㉑ SUBBASE GRANULAR MATERIAL, TYPE B 4"
- ㉒ STONE RIPRAP, CLASS A1

MODEL: Contract 2 - IntersectionMod - PR Typical (Sheet)
FILE NAME: c:\cadd\hwy\hntb_ischafer\gratifiks\0472004\087617-shy-typical_pc-01_IntersectionMod.dgn



USER NAME = sdenton	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/6/2025	DATE - 8/13/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

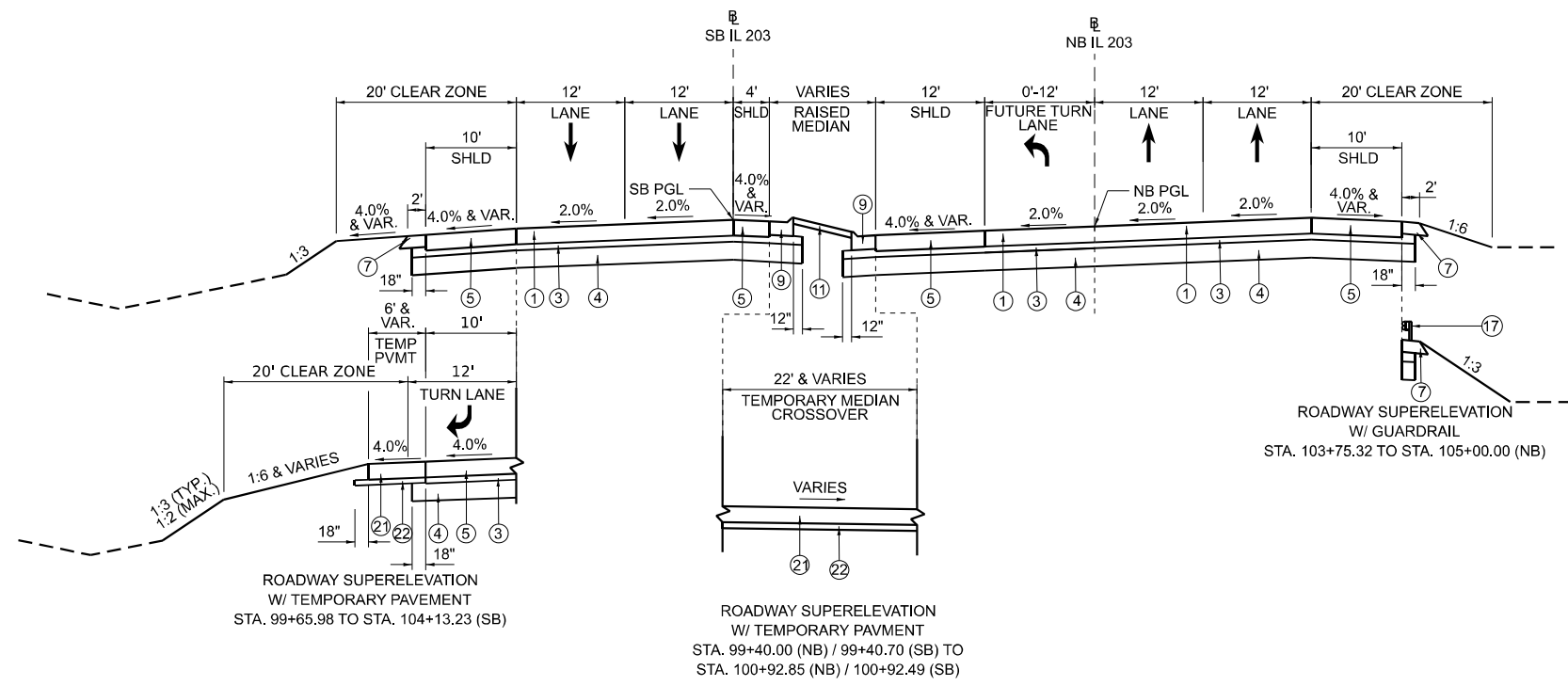
**TEMPORARY RACEWAY BLVD ENTRANCE
PROPOSED TYPICAL SECTIONS**

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	17
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

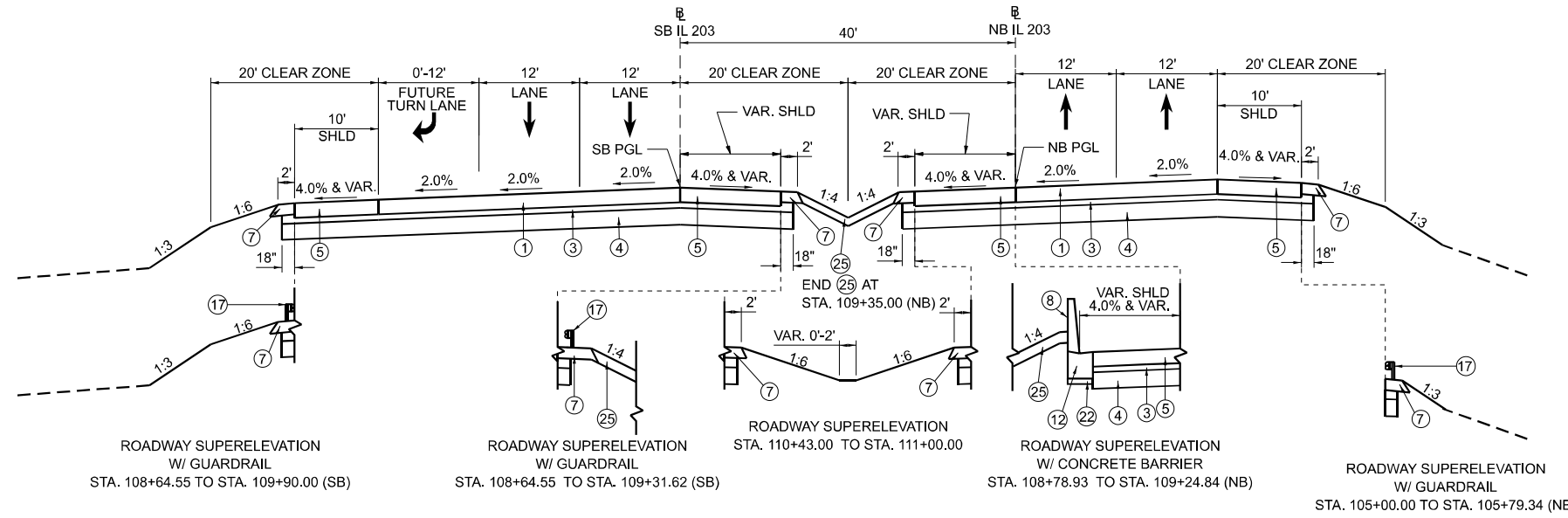
PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/2" (JOINTED)
- ② PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED)
- ③ STABILIZED SUBBASE 4"
- ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑤ PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/2"
- ⑥ PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
- ⑦ AGGREGATE SHOULDERS, TYPE B 8"
- ⑧ CONCRETE BARRIER WALL (SPECIAL)
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6,24
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6,24
- ⑪ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑫ CONCRETE BARRIER BASE (SPECIAL)
- ⑬ PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- ⑭ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑮ HMA TEMPORARY PAVEMENT, 10 1/2"
- ⑯ SUBBASE GRANULAR MATERIAL, TYPE B 4"
- ⑰ STONE RIPRAP, CLASS A1



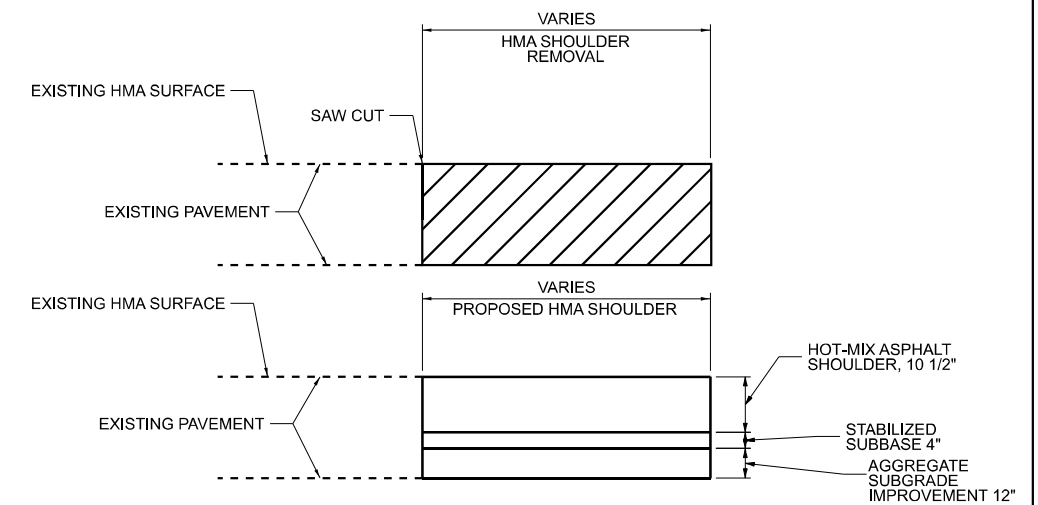
PROPOSED IL ROUTE 203

ROADWAY SUPERELEVATION
STA. 99+40.00 (NB) / 99+00.00 (SB) TO STA. 105+00.00



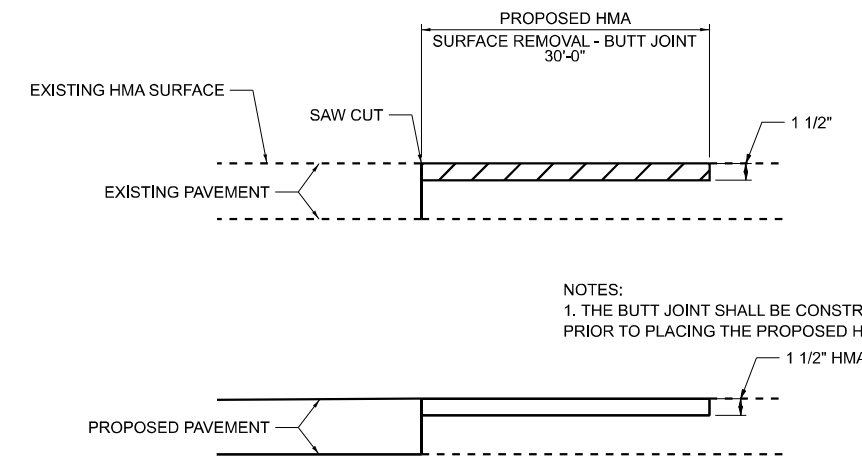
PROPOSED IL ROUTE 203

ROADWAY SUPERELEVATION
STA. 105+00.00 TO STA. 105+58.41 (NB) / 105+64.55 (SB)
BRIDGE OMISSION STA. 105+58.41 TO STA. 108+78.93 (NB) / STA. 105+64.55 TO STA. 108+88.48 (SB)
SEE BRIDGE PLANS SN 082-0138 / 082-0139
STA. 108+78.93 (NB) / 108+88.48 (SB) TO STA. 110+50.00 (NB) / 111+00.00 (SB)



TYPICAL SHOULDER RECONSTRUCTION

NOT TO SCALE
STA. 97+00.18 (SB) / STA. 97+82.43 (NB) TO STA. 98+70.00 (SB) / STA. 99+09.93 (NB)
STA. 111+30.00 (SB) / STA. 110+99.71 (NB) TO STA. 114+73.43 (SB) / STA. 115+25.02 (NB)
STA. 111+30.13 (SB) TO STA. 113+60.00 (SB)



TYPICAL BUTT JOINT

NOT TO SCALE
STA. 98+70.00 (SB) / STA. 99+10.00 (NB) TO STA. 99+00.00 (SB) / STA. 99+40.00 (NB)
STA. 111+00.00 (SB) / STA. 110+50.00 (NB) TO STA. 111+30.00 (SB) / STA. 110+80.00 (NB)

NOTES:
1. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

MODEL: Typical Sections (Sheet)
FILE NAME: c:\addb\p\hntb_sdenon\g\at\ates\04189630\08\6117-shit-Typical_PR-02.dgn



USER NAME = sdenon	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 4/17/2025	DATE - 4/21/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 203 PROPOSED TYPICAL SECTIONS

SCALE: 1"=10'

SHEET 2 OF 2 SHEETS

STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	18
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

IL 203 EARTHWORK TABLE							
STATION	TOTAL EARTH EXCAVATION (CU YD)	TOPSOIL EXCAVATION (CU YD)	EARTH EXCAVATION AVAILABLE FOR EMBANKMENT (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK WASTE (+) OR SHORTAGE (-) (CU YD)	TOPSOIL PLACEMENT, 4" (FROM SITE) (SEE NOTE 5) (CU YD)
98+50.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99+00.00	40.2	11.2	** 0.0	0.0	0.7	-0.7	7.2
99+50.00	103.2	20.9	82.4	70.0	9.2	60.8	19.9
100+00.00	120.7	11.5	109.2	92.8	17.9	74.9	18.4
100+50.00	108.9	4.7	104.2	88.5	18.4	70.1	9.4
101+00.00	135.4	15.7	119.8	101.8	17.1	84.7	14.0
101+50.00	173.1	32.3	140.8	119.7	13.7	105.9	21.9
102+00.00	185.3	38.0	147.3	125.2	8.7	116.4	23.0
102+50.00	174.6	37.8	136.7	116.2	10.8	105.5	25.1
103+00.00	172.4	38.2	134.3	114.1	25.6	88.5	29.0
103+50.00	188.0	37.2	150.8	128.1	50.4	77.7	42.0
104+00.00	182.8	33.3	149.4	127.0	93.5	33.5	56.5
104+50.00	158.2	27.2	131.0	111.4	156.9	-45.5	57.3
105+00.00	135.9	31.7	104.2	88.6	451.1	-362.5	50.6
105+50.00	118.3	40.0	78.3	66.6	863.8	-797.2	39.1
106+00.00	126.2	34.6	91.6	77.9	614.2	-536.3	52.0
106+46.65	107.1	41.7	65.5	55.7	137.2	-81.6	70.7
107+93.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108+50.00	120.7	78.6	** 0.0	0.0	45.3	-45.3	50.7
109+00.00	110.3	43.0	** 0.0	0.0	121.7	-121.7	17.0
109+50.00	106.4	29.5	77.0	65.4	216.2	-150.7	25.5
110+00.00	125.8	28.3	97.5	82.9	187.3	-104.5	27.7
110+50.00	89.9	21.2	68.7	58.4	115.0	-56.7	29.4
111+00.00	53.5	15.9	37.6	32.0	29.0	3.0	23.0
TOTAL	2836.9	672.4	2026.2	1722.2	3203.6	* -1481.3	709.4

* TOTAL EARTHWORK WASTE IS BASED ON OVERALL PROJECT LIMITS. FOR COST ESTIMATING AND STAGING PURPOSES, THE CONTRACTOR SHALL REFER TO PAY ITEM 20400800 - FURNISHED EXCAVATION IN THE SUMMARY OF QUANTITIES.

** VOLUME OF EARTH EXCAVATION ANTICIPATED TO BE UNSUITABLE FOR USE AS EMBANKMENT BASED ON RESULTS FINAL PSI REPORT.

NOTES:

- CUT END AREAS SHOWN ON THE CROSS SECTIONS INCLUDE SUBGRADE AND EXISTING TOPSOIL. CUT END AREAS DO NOT INCLUDE EXISTING HMA SURFACE, CONCRETE BASE COURSE, AGGREGATE SHOULDERS, OR HMA SHOULDERS.
- FILL END AREAS SHOWN ON THE CROSS SECTIONS ARE TO TOP OF FINAL EARTHWORK GRADE.
- ESTIMATE 1.15 SHRINKAGE FACTOR.
- TOPSOIL EXCAVATION SHALL BE PAID AS EARTH EXCAVATION.
- TOP 4" OF FINISHED GRADE REQUIRING RESTORATION SHALL REQUIRE ONSITE TOPSOIL TO BE PLACED. THIS WORK SHALL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE CONSIDERED PART OF THE EMBANKMENT OPERATION LISTED IN THE EMBANKMENT COLUMN.
- FOLLOWING CONSTRUCTION STAGING, THE MEDIAN AREA WITHIN THE TEMPORARY CROSSOVERS WILL BE RETURNED TO EXISTING GRADES AND ELEVATIONS. EARTH EXCAVATION FROM THE TEMPORARY CROSSOVERS SHALL NOT BE CONSIDERED FURNISHED EXCAVATION FOR THE PROPOSED MAINLINE IL 203 EMBANKMENT.
- BRIDGE EXCEPTION FROM STA. 106+46.65 TO STA. 107+93.15.

IL 203 SOUTH TEMPORARY CROSSOVER - EARTHWORK TABLE							
STATION	TOTAL EARTH EXCAVATION (CU YD)	TOPSOIL EXCAVATION (CU YD)	EARTH EXCAVATION AVAILABLE FOR EMBANKMENT (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK WASTE (+) OR SHORTAGE (-) (SEE NOTE 6) (CU YD)	TOPSOIL PLACEMENT, 4" (FROM SITE) (SEE NOTE 5) (CU YD)
97+00.00	0.0	0.0	** 0.0	0.0	0.0	0.0	0.0
97+50.00	4.9	1.6	** 0.0	0.0	0.0	0.0	0.0
98+00.00	16.8	6.1	** 0.0	0.0	0.0	0.0	0.0
98+50.00	30.5	14.2	** 0.0	0.0	0.0	0.0	0.0
99+00.00	37.1	19.4	** 0.0	0.0	0.0	0.0	0.0
99+50.00	32.4	14.1	** 0.0	0.0	0.0	0.0	0.0
100+00.00	16.4	4.4	** 0.0	0.0	0.0	0.0	0.0
100+50.00	2.5	0.0	** 0.0	0.0	0.2	-0.2	0.0
TOTAL	140.5	59.8	0.0	0.0	0.2	-0.2	0.0

IL 203 NORTH TEMPORARY CROSSOVER - EARTHWORK TABLE							
STATION	TOTAL EARTH EXCAVATION (CU YD)	TOPSOIL EXCAVATION (CU YD)	EARTH EXCAVATION AVAILABLE FOR EMBANKMENT (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK WASTE (+) OR SHORTAGE (-) (SEE NOTE 6) (CU YD)	TOPSOIL PLACEMENT, 4" (FROM SITE) (SEE NOTE 5) (CU YD)
110+99.72	0.0	0.0	** 0.0	0.0	0.0	0.0	0.0
111+00.00	0.0	0.0	** 0.0	0.0	0.0	0.0	0.0
111+50.00	11.6	3.3	** 0.0	0.0	0.0	0.0	0.0
112+00.00	23.3	7.7	** 0.0	0.0	0.0	0.0	0.0
112+50.00	52.0	20.8	** 0.0	0.0	0.0	0.0	0.0
113+00.00	75.0	30.2	** 0.0	0.0	0.0	0.0	0.0
113+50.00	78.1	30.2	** 0.0	0.0	0.0	0.0	0.0
114+00.00	56.3	21.2	** 0.0	0.0	0.0	0.0	0.0
114+50.00	22.5	8.3	** 0.0	0.0	0.0	0.0	0.0
115+00.00	9.5	2.8	** 0.0	0.0	0.0	0.0	0.0
115+25.02	2.0	0.3	** 0.0	0.0	0.0	0.0	0.0
TOTAL	330.2	124.8	0.0	0.0	0.0	0.0	0.0

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USER NAME = jschaefer	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/7/2025	DATE - 8/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CIVIL SCHEDULES

SCALE: N/A SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	19
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

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44000100 PAVEMENT REMOVAL				
LOCATION	STATION	TO	STATION	SQ YD
IL 203 SB	99+00.00		106+10.45	2716
IL 203 SB	108+43.37		111+00.00	688
IL 203 NB	99+40.00		106+10.34	2244
IL 203 NB	108+40.07		110+49.99	576
IL 203 SB	157+34.01		157+81.01	126
TOTAL				6,350

44004250 PAVED SHOULDER REMOVAL				
LOCATION	STATION	TO	STATION	SQ YD
IL 203 SB	99+00.00		100+10.12	156
IL 203 SB	99+00.00		99+65.99	39
IL 203 SB	100+72.98		106+30.45	220
IL 203 SB	100+92.39		106+34.64	286
IL 203 SB	108+14.52		109+58.72	54
IL 203 SB	109+58.72		111+00.00	58
IL 203 SB	108+19.88		111+00.00	199
IL 203 SB	111+00.00		113+60.00	222
IL 203 NB	99+40.00		106+22.93	493
IL 203 NB	100+64.73		106+27.62	301
IL 203 NB	108+06.76		110+49.99	177
IL 203 NB	108+11.83		109+63.92	62
IL 203 NB	109+63.92		110+50.00	35
IL 203 SB	SOUTH MOT CROSSOVER			67
IL 203 NB	SOUTH MOT CROSSOVER			64
IL 203 SB	NORTH MOT CROSSOVER			154
IL 203 NB	NORTH MOT CROSSOVER			164
TOTAL				2,751

30300001 AGGREGATE SUBGRADE IMPROVEMENT				
LOCATION	STATION	TO	STATION	CU YD
IL 203 SB	108+62.34		108+88.48	37
IL 203 NB	105+58.41		105+70.08	72
IL 203 NB	108+55.40		108+78.93	27
TOTAL				136

30300112 AGGREGATE SUBGRADE IMPROVEMENT 12"				
LOCATION	STATION	TO	STATION	SQ YD
IL 203 SB	99+00.00		105+66.02	7470
IL 203 SB	108+88.48		111+00.00	1182
IL 203 NB	108+78.93		110+50.00	874
IL 203 SB	97+00.18		99+00.00	101
IL 203 SB	110+99.97		114+73.43	216
IL 203 NB	97+82.43		99+40.00	91
IL 203 NB	110+99.71		115+25.02	235
IL 203 SB	111+00.00		113+60.00	265
TOTAL				10,434

31101200 SUBBASE GRANULAR MATERIAL, TYPE B 4"				
LOCATION	STATION	TO	STATION	SQ YD
IL 203 SB	99+65.99		104+13.23	327
IL 203 NB	99+40.00		100+92.85	268
IL 203 SB	157+46.02		157+55.14	18
IL 203 NB	108+63.82		109+24.84	21
RACEWAY BLVD	10+31.95		11+34.90	942
TOTAL				1,576

31200100 STABILIZED SUBBASE 4"				
LOCATION	STATION	TO	STATION	SQ YD
IL 203 SB	99+00.00		105+66.02	7470
IL 203 SB	108+88.48		111+00.00	1182
IL 203 NB	108+78.93		110+50.00	874
IL 203 SB	97+00.18		98+70.00	101
IL 203 SB	110+99.97		114+73.43	216
IL 203 NB	97+82.43		99+09.93	91
IL 203 NB	110+99.71		115+25.02	235
IL 203 SB	111+30.13		113+60.00	265
TOTAL				10,434

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT				
LOCATION	STATION	TO	STATION	SQ YD
IL 203 SB	98+70.00		99+00.00	117
IL 203 SB	111+00.00		111+30.00	81
IL 203 NB	99+10.00		99+40.00	146
IL 203 NB	110+50.00		110+80.00	117
TOTAL				461

40604064 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90				
LOCATION	STATION	TO	STATION	TON
IL 203 SB	98+70.00		99+00.00	10
IL 203 SB	111+00.00		111+30.00	7
IL 203 NB	99+10.00		99+40.00	13
IL 203 NB	110+50.00		110+80.00	10
TOTAL				40

42000080 PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB				
LOCATION	STATION	TO	STATION	SQ YD
IL 203 SB	105+54.81		105+90.03	295
IL 203 NB	108+63.27		108+88.48	114
IL 203 SB	108+60.29		108+78.93	150
TOTAL				559

42000511 PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)				
LOCATION	STATION	TO	STATION	SQ YD
IL 203 SB	99+00.00		105+64.55	4546
IL 203 SB	108+88.48		111+00.00	689
IL 203 NB	108+78.93		110+50.00	458
TOTAL				5,693

48101600 AGGREGATE SHOULDERS, TYPE B 8"				
LOCATION	STATION	TO	STATION	SQ YD
IL 203 SB	99+00.00		99+65.99	18
IL 203 SB	99+00.00		99+84.55	20
IL 203 SB	100+73.96		101+59.17	19
IL 203 SB	104+01.03		104+61.59	8
IL 203 SB	108+73.38		111+00.00	80
IL 203 SB	108+59.57		111+00.00	86
IL 203 NB	99+40.00		105+73.31	242
IL 203 NB	100+92.85		101+60.00	15
IL 203 NB	108+52.64		110+50.00	52
IL 203 NB	109+24.80		110+70.72	33
TOTAL				573

48203039 HOT-MIX ASPHALT SHOULDERS, 10 1/2"				
LOCATION	STATION	TO	STATION	SQ YD
IL 203 SB	SOUTH MOT CROSSOVER			67
IL 203 NB	SOUTH MOT CROSSOVER			64
IL 203 SB	NORTH MOT CROSSOVER			154
IL 203 NB	NORTH MOT CROSSOVER			164
IL 203 SB	111+30.13		113+60.00	222
TOTAL				671

48300510 PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"				
LOCATION	STATION	TO	STATION	SQ YD
IL 203 SB	99+00.00		104+65.42	596
IL 203 SB	99+00.00		104+89.48	1028
IL 203 SB	108+88.48		111+00.00	213
IL 203 SB	108+88.48		111+00.00	211
IL 203 NB	99+40.00		105+58.41	687
IL 203 NB	108+78.93		110+50.00	183
IL 203 NB	108+78.93		110+50.00	184
TOTAL				3,102

NOTE:
 STATIONS ARE TAKEN BASED ON THE ALIGNMENT FOR THE PORTION OF ROADWAY THAT IS DESCRIBED AND QUANTITIES MAY INCLUDE BOTH NB AND SB IL 203 IN A SINGLE LINE.



USER NAME = sdenton	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 5/2/2025	DATE - 8/13/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CIVIL SCHEDULES

SCALE: N/A SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	20
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

EROSION CONTROL SCHEDULE

SEEDING SCHEDULE

LOCATION					EROSION CONTROL BLANKET	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION
STATION	TO	STATION	CENTERLINE	OFFSET	SQ YD	ACRE	POUND
96+51.49	TO	99+84.15	NB	LT	640		
97+17.33			NB	22.3' LT			1
99+10.78			NB	25.6' LT			1
99+40.00	TO	105+72.99	NB	RT	2,320		
99+43.96			NB	82.8' RT		30	
100+76.12	TO	101+55.72	NB	LT	81		
100+90.34			NB	28.7' LT			1
101+16.51			NB	82.6' RT		30	
101+65.02			NB	80.3' RT			1
101+65.02			NB	24.9' LT			1
102+30.00			NB	24.9' LT			1
103+94.61			NB	99.7' RT		17	
104+60.14			NB	103.0' RT			1
104+61.61			NB	34.6' LT			1
105+75.19			NB	9.4' LT			1
99+00.00	TO	99+65.99	SB	LT	69		
99+04.70			SB	61.1' LT		30	
100+92.35	TO	105+90.65	SB	LT	1,265		
102+53.12			SB	74.4' LT		25	
103+54.43			SB	77.6' LT		26	
104+58.46			SB	93.7' LT			1
105+52.07	TO	106+19.47	SB	LT	595		
105+75.77			SB	57.4' LT			1
105+87.26			SB	143.9' LT			1
108+51.56	TO	110+49.98	NB	RT	437		
108+70.92			NB	13.5' LT			1
108+71.87			NB	75.5' RT			1
109+19.55			NB	10.6' LT			1
109+52.31			NB	84.6' RT		38	
109+81.54	TO	115+45.07	NB	LT	1,922		
108+59.66	TO	111+00.00	SB	LT	935		
108+82.29			SB	39.7' LT			1
109+03.29			SB	91.3' LT			1
190+82.87			SB	97.2' LT		31	
TOTAL					8,264	227	17

LOCATION					SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	TEMPORARY EROSION CONTROL SEEDING
STATION	TO	STATION	CENTERLINE	OFFSET	ACRE	POUND	POUND	POUND	POUND
96+51.49	TO	99+84.15	NB	LT	0.14	12	12	12	13
99+00.00	TO	99+65.99	SB	LT	0.01	1	1	1	2
99+40.00	TO	105+72.99	NB	RT	0.49	43	43	43	48
100+76.12	TO	101+55.72	NB	LT	0.02	2	2	2	2
100+92.35	TO	105+90.65	SB	LT	0.27	24	24	24	26
105+52.07	TO	106+19.47	SB	LT	0.12	11	11	11	12
108+51.56	TO	110+49.98	NB	RT	0.09	8	8	8	9
108+59.66	TO	111+00.00	SB	LT	0.20	17	17	17	19
109+81.54	TO	115+45.07	NB	LT	0.41	36	36	36	40
TOTAL					1.75	154	154	154	171

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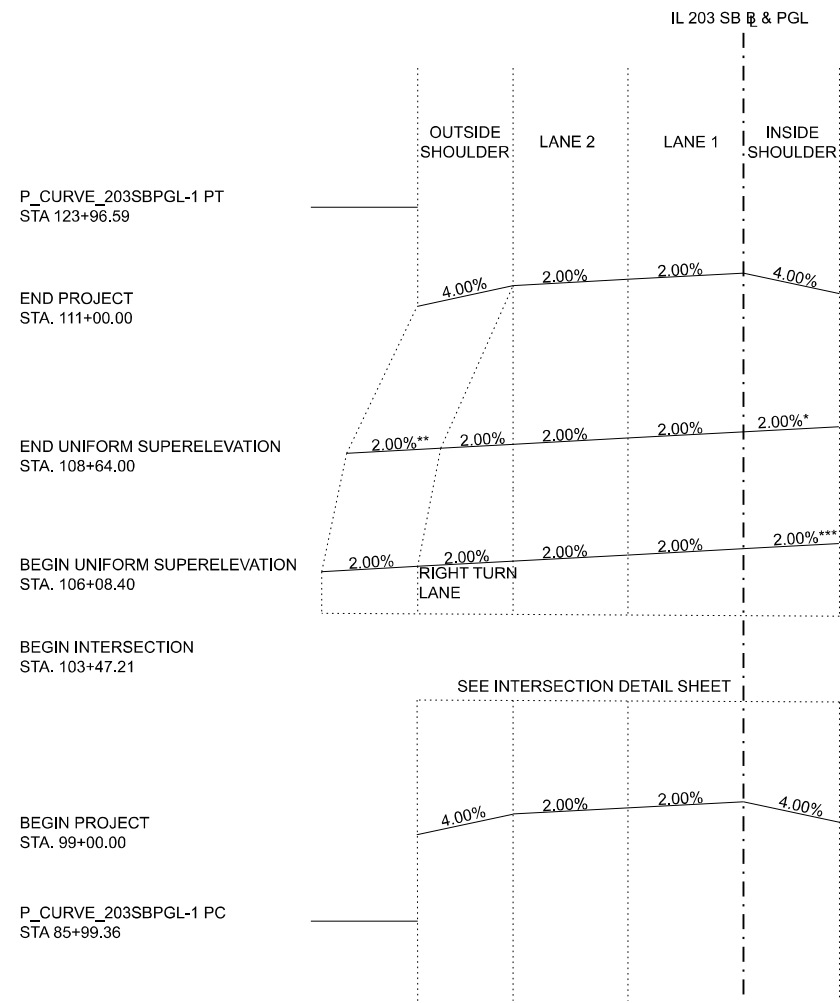
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CIVIL SCHEDULES

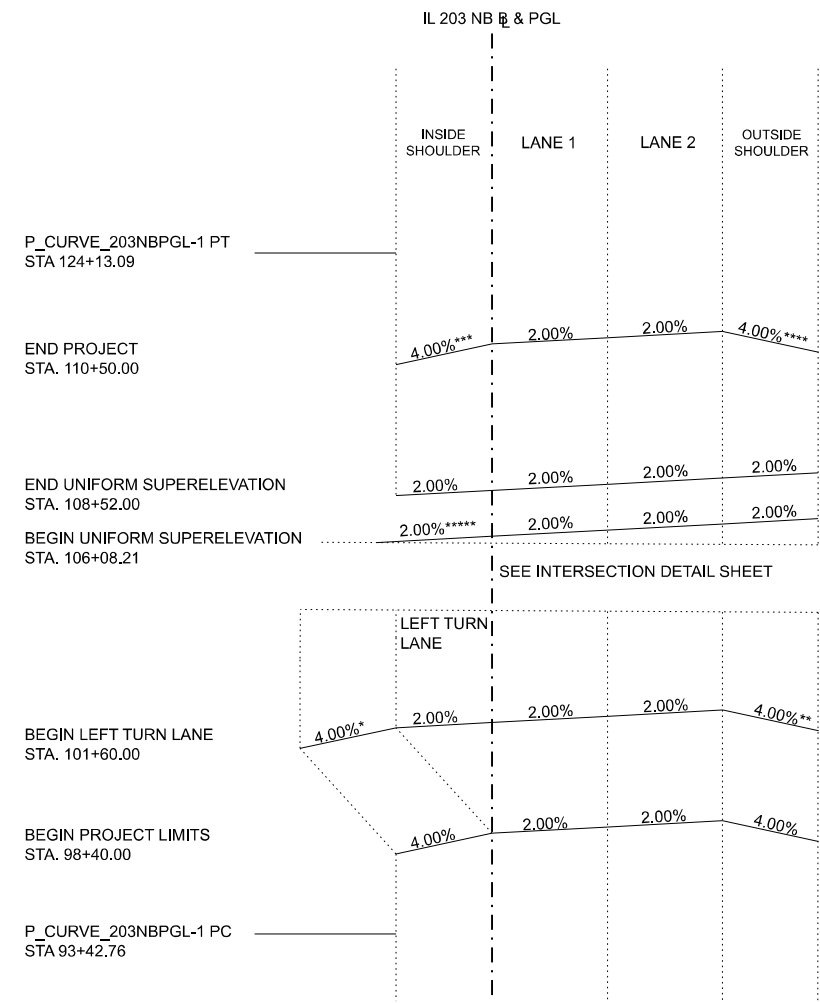
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	21
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



*TRANSITION INSIDE SHOULDER FROM STA 108+64.00 (2.00%) TO STA 110+58.00 (-4.00%)
 **TRANSITION OUTSIDE SHOULDER FROM STA 108+74.00 (-2.00%) TO STA 109+17.00 (-4.00%)
 ***TRANSITION INSIDE SHOULDER ON APPROACH SLAB (SEE STRUCTURAL SHEETS) FROM STA 105+79.40 (1.12%) TO STA 106+08.40 (2.00%)

PROP. CURVE P_CURVE_203SBPGL-1
PROPOSED IL 203 SB SUPERELEVATION SECTION
 NOT TO SCALE



*TRANSITION INSIDE SHOULDER FROM STA 104+01.29 (-4.00%) TO STA 104+57.29 (-2.26%)
 **TRANSITION OUTSIDE SHOULDER FROM STA 104+52.00 (-4.00%) TO STA 105+72.00 (2.00%)
 ***TRANSITION INSIDE SHOULDER FROM STA 108+64.00 (-2.00%) TO STA 109+31.00 (-4.00%)
 ****TRANSITION OUTSIDE SHOULDER FROM STA 108+56.00 (2.00%) TO STA 109+93.00 (-4.00%)
 *****TRANSITION INSIDE SHOULDER ON APPROACH SLAB (SEE STRUCTURAL SHEETS) FROM STA 105+79.21 (1.12%) TO STA 106+08.21 (2.00%)

PROP. CURVE P_CURVE_203NBPGL-1
PROPOSED IL 203 NB SUPERELEVATION SECTION
 NOT TO SCALE

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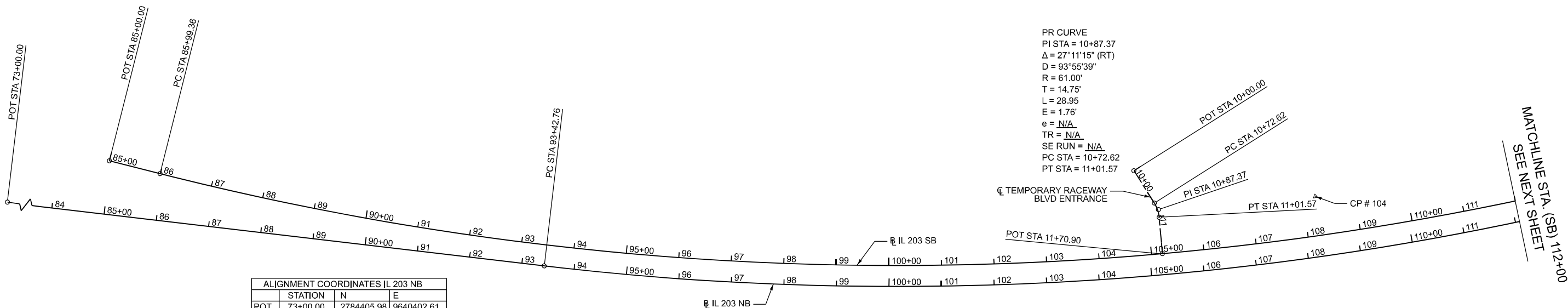
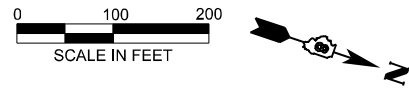
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	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 4/17/2025	DATE - 4/21/2025	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 203 SUPERELEVATION TRANSITION SECTIONS

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	22
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



PR CURVE
 PI STA = 10+87.37
 $\Delta = 27^\circ 11' 15''$ (RT)
 $D = 93^\circ 55' 39''$
 $R = 61.00'$
 $T = 14.75'$
 $L = 28.95'$
 $E = 1.76'$
 $e = N/A$
 $TR = N/A$
 $SE RUN = N/A$
 PC STA = 10+72.62
 PT STA = 11+01.57

PR CURVE 203SB-1
 PI STA = 105+71.20
 $\Delta = 38^\circ 06' 19''$ (LT)
 $D = 01^\circ 00' 13''$
 $R = 5,709.58'$
 $T = 1,971.83'$
 $L = 3797.23'$
 $E = 330.90'$
 $e = 2.0\%$
 $TR = NA$
 $SE RUN = NA$
 PC STA = 85+99.36
 PT STA = 123+96.59

PR CURVE 203NB-1
 PI STA = 109+15.48
 $\Delta = 30^\circ 35' 47''$ (LT)
 $D = 00^\circ 59' 47''$
 $R = 5,749.58'$
 $T = 1,572.72'$
 $L = 3070.33'$
 $E = 211.22'$
 $e = 2.0\%$
 $TR = NA$
 $SE RUN = NA$
 PC STA = 93+42.76
 PT STA = 124+13.09

ALIGNMENT COORDINATES IL 203 NB		
STATION	N	E
POT 73+00.00	2784405.98	9640402.61
PC 93+42.76	2786404.90	9639981.66
PI 109+15.48	2787943.87	9639657.57
PT 124+13.09	2789103.61	9638595.29
POT 125+46.18	2789201.75	9638505.40

ALIGNMENT COORDINATES IL 203 SB		
STATION	N	E
POT 85+00.00	2785557.39	9640055.96
PC 85+99.36	2785656.47	9640048.36
PI 105+71.20	2787622.54	9639897.66
PT 123+96.59	2789076.59	9638565.80
POT 131+63.53	2789642.14	9638047.77

ALIGNMENT COORDINATES TEMPORARY RACEWAY BLVD ENTRANCE		
STATION	N	E
POT 10+00.00	2787410.38	9639452.75
PC 10+72.62	2787466.70	9639498.60
PI 10+87.37	2787478.14	9639507.91
PT 11+01.57	2787484.06	9639521.42
POT 11+70.90	2787511.89	9639584.92

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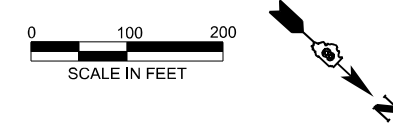
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

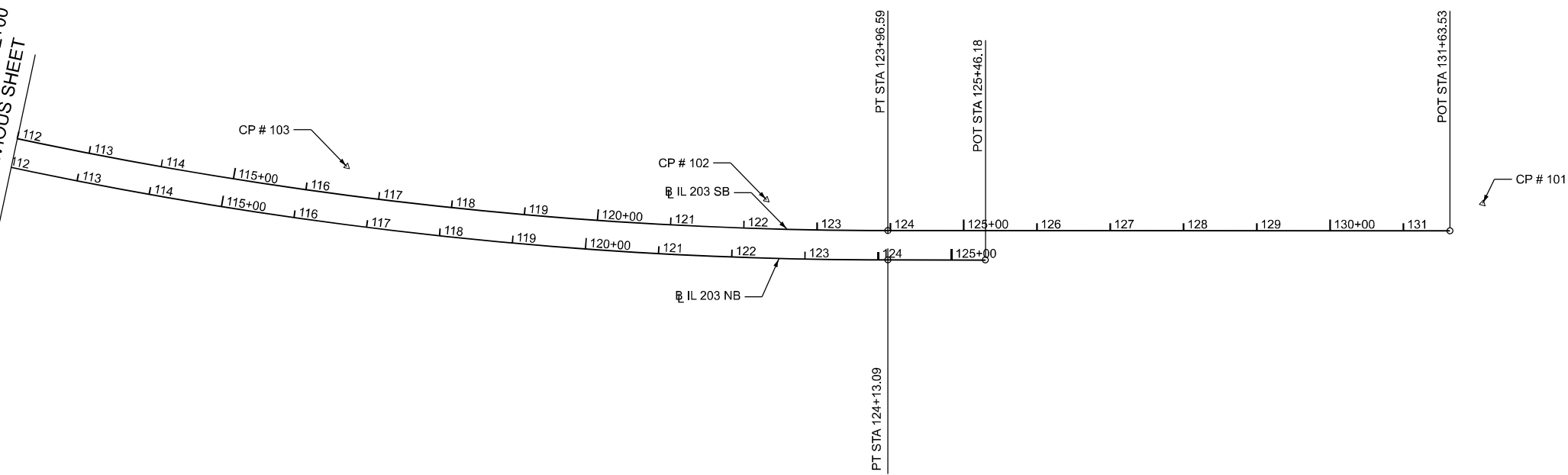
ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: 1"=100' SHEET 1 OF 2 SHEETS STA. 0+00.00 TO STA. 68+62.18

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	23
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. (SB) 112+00
SEE PREVIOUS SHEET



MODEL: ATB-ATB 6
FILE NAME: c:\cadd\hwy\hmb_sdenon\greatlakes\04189630\0676117_sht-atb-06.dgn



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	CHECKED - HER	REVISED -
PLOT DATE = 4/17/2025	DATE - 4/21/2025	REVISED -

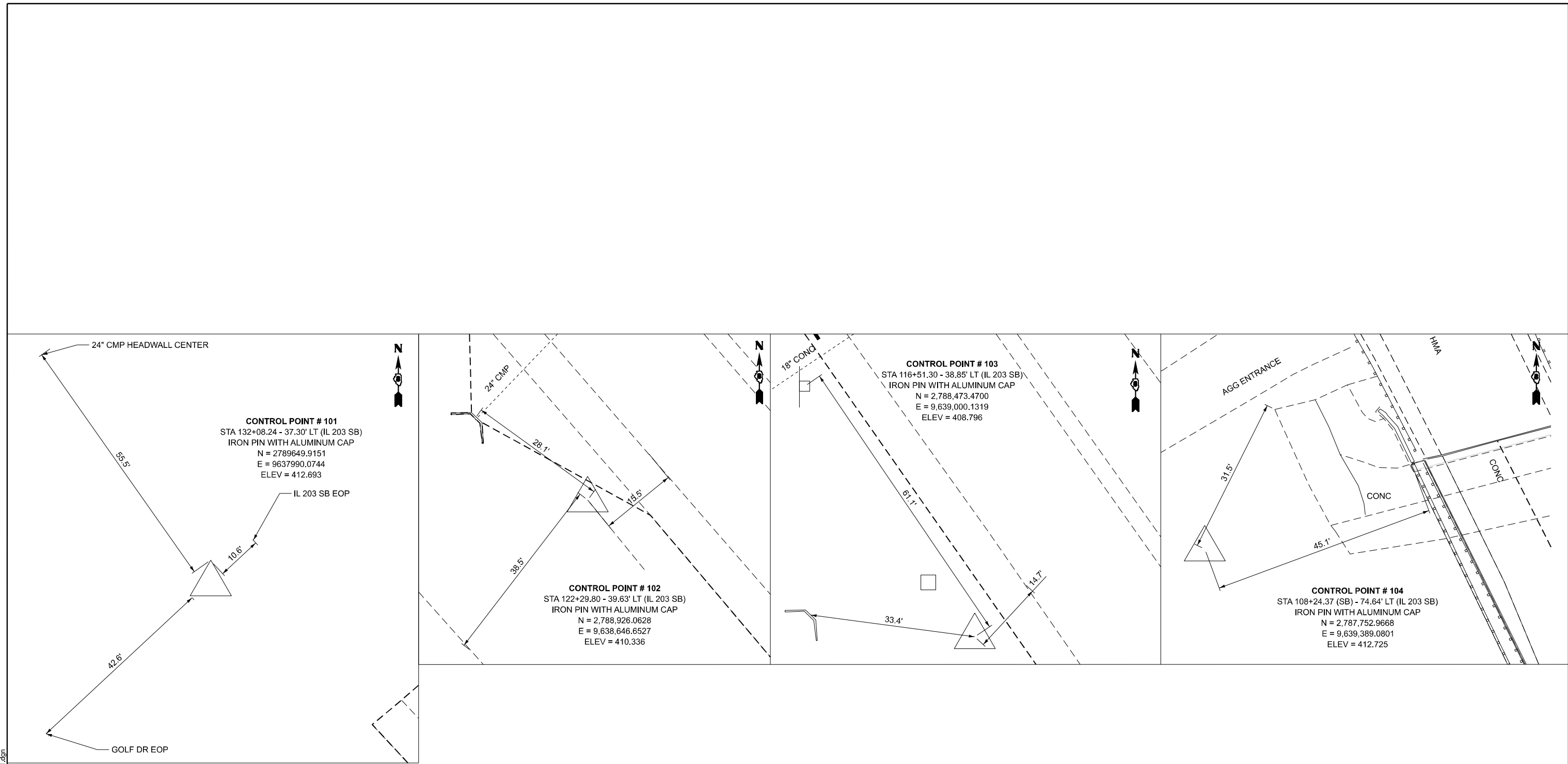
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: 1"=100' SHEET 2 OF 2 SHEETS STA. 0+00.00 TO STA. 50+30.51

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	24
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

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	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 4/17/2025	DATE - 4/21/2025	REVISED -







**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

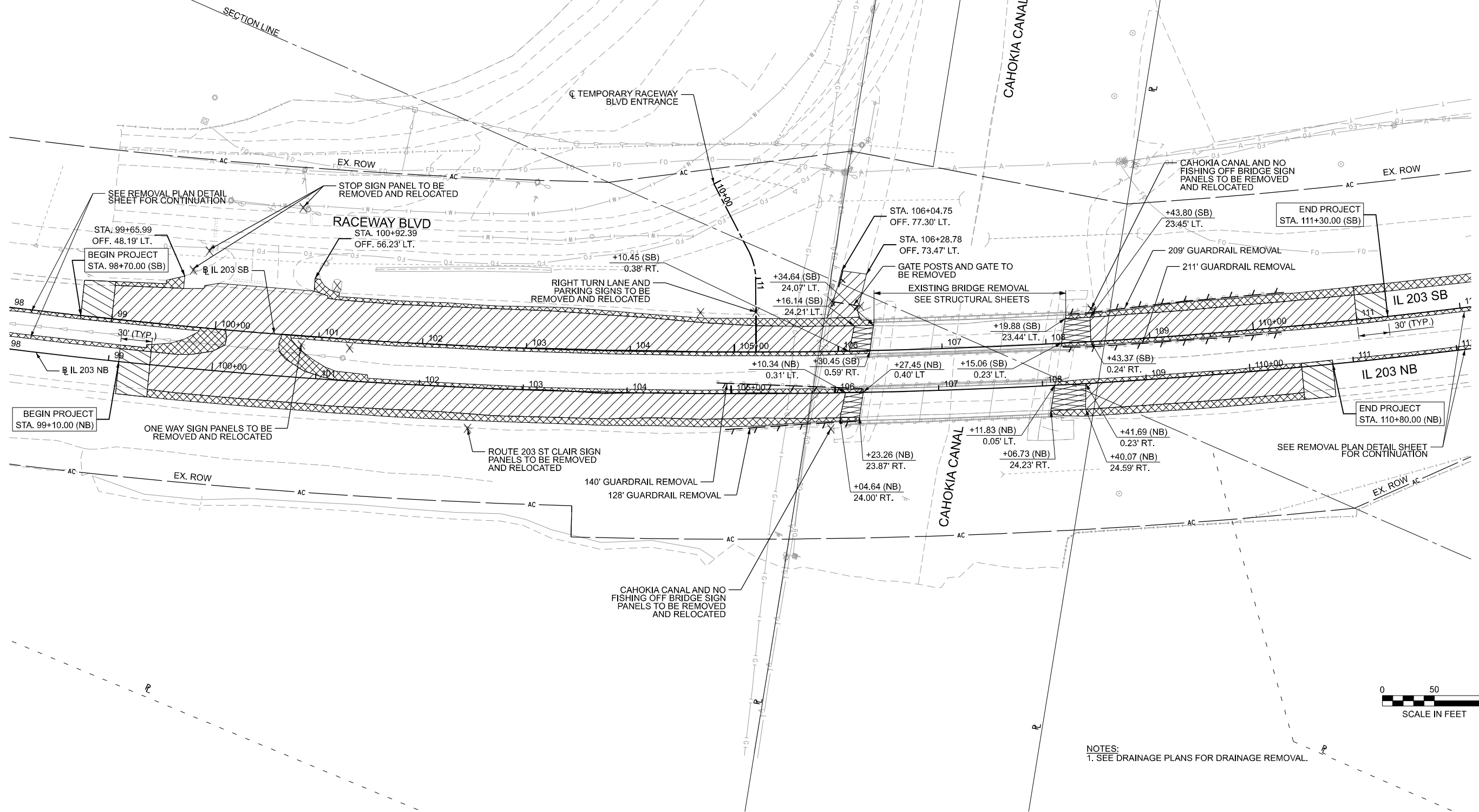
CONTROL POINT DETAILS

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	25
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

REMOVAL LEGEND

-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  APPROACH SLAB REMOVAL
-  SURFACE REMOVAL - BUTT JOINT
-  LINEAR ITEM REMOVAL
-  ITEM REMOVAL



NOTES:
1. SEE DRAINAGE PLANS FOR DRAINAGE REMOVAL.

MODEL: Contract 2 - Removal 203
FILE NAME: c:\cadd\hntb\hntb_ischaefec\greatlakes\0472004\0472004\0472004\03_intersection\Mod.dgn



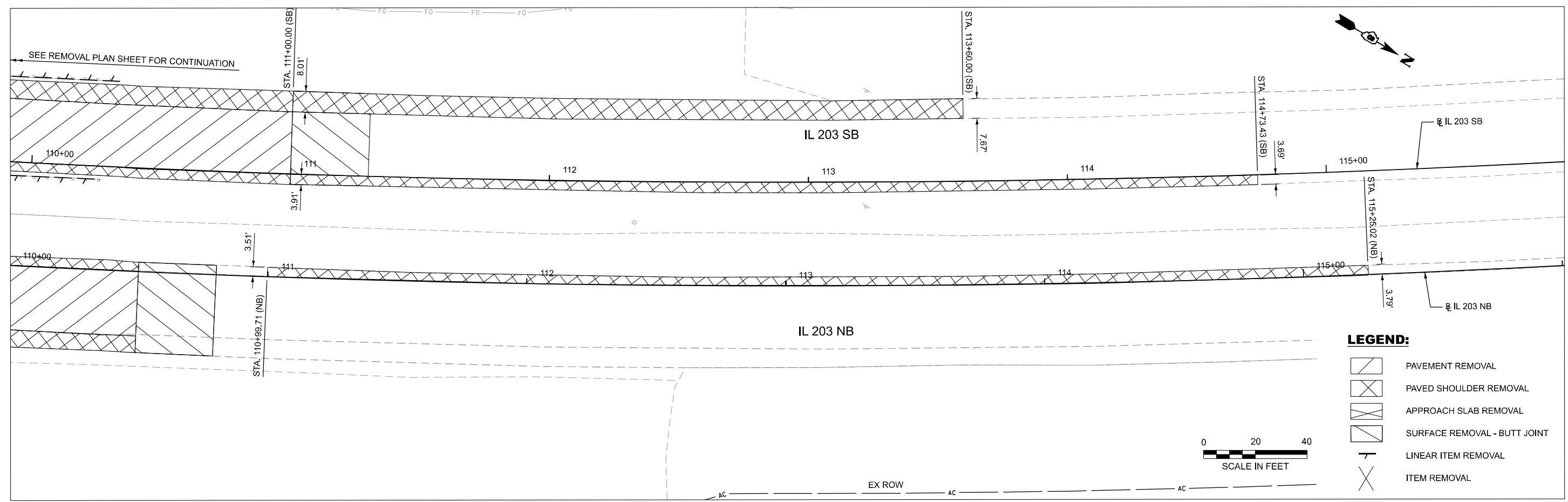
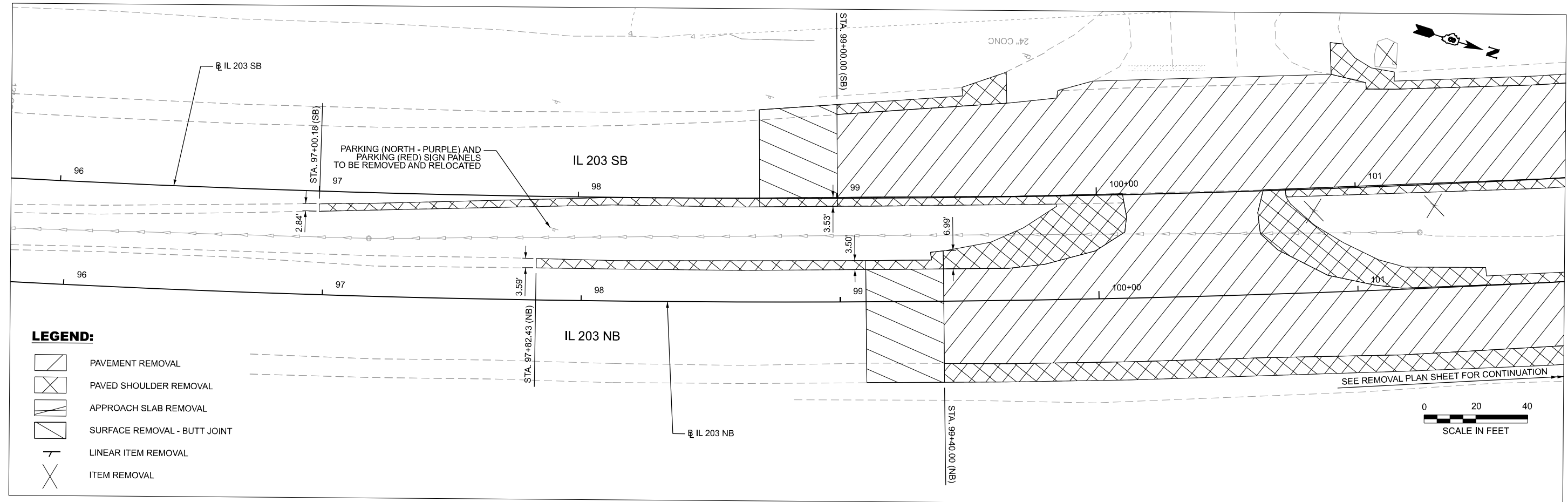
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	CHECKED - HER	REVISED -
PLOT DATE = 8/1/2025	DATE = 8/13/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 203 REMOVAL PLAN

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 0+00.00 TO STA. 0+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	26
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



MODEL: 2023NBPGL - Plan 1 (Sheet)
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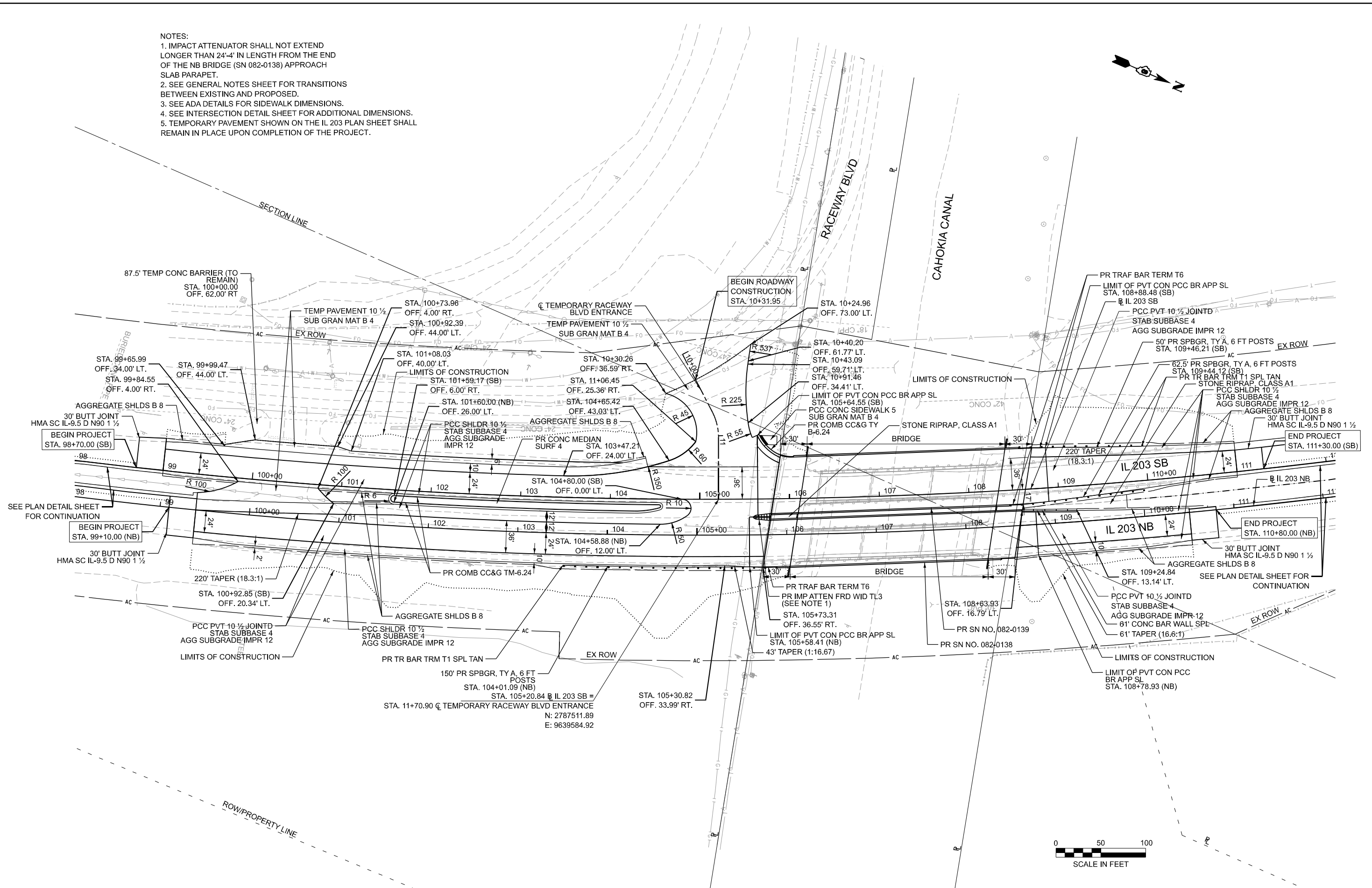
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 203 REMOVAL PLAN DETAIL

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 95+79.49 TO STA. 116+00.77

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	27
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

- NOTES:
 1. IMPACT ATTENUATOR SHALL NOT EXTEND LONGER THAN 24'-4" IN LENGTH FROM THE END OF THE NB BRIDGE (SN 082-0138) APPROACH SLAB PARAPET.
 2. SEE GENERAL NOTES SHEET FOR TRANSITIONS BETWEEN EXISTING AND PROPOSED.
 3. SEE ADA DETAILS FOR SIDEWALK DIMENSIONS.
 4. SEE INTERSECTION DETAIL SHEET FOR ADDITIONAL DIMENSIONS.
 5. TEMPORARY PAVEMENT SHOWN ON THE IL 203 PLAN SHEET SHALL REMAIN IN PLACE UPON COMPLETION OF THE PROJECT.



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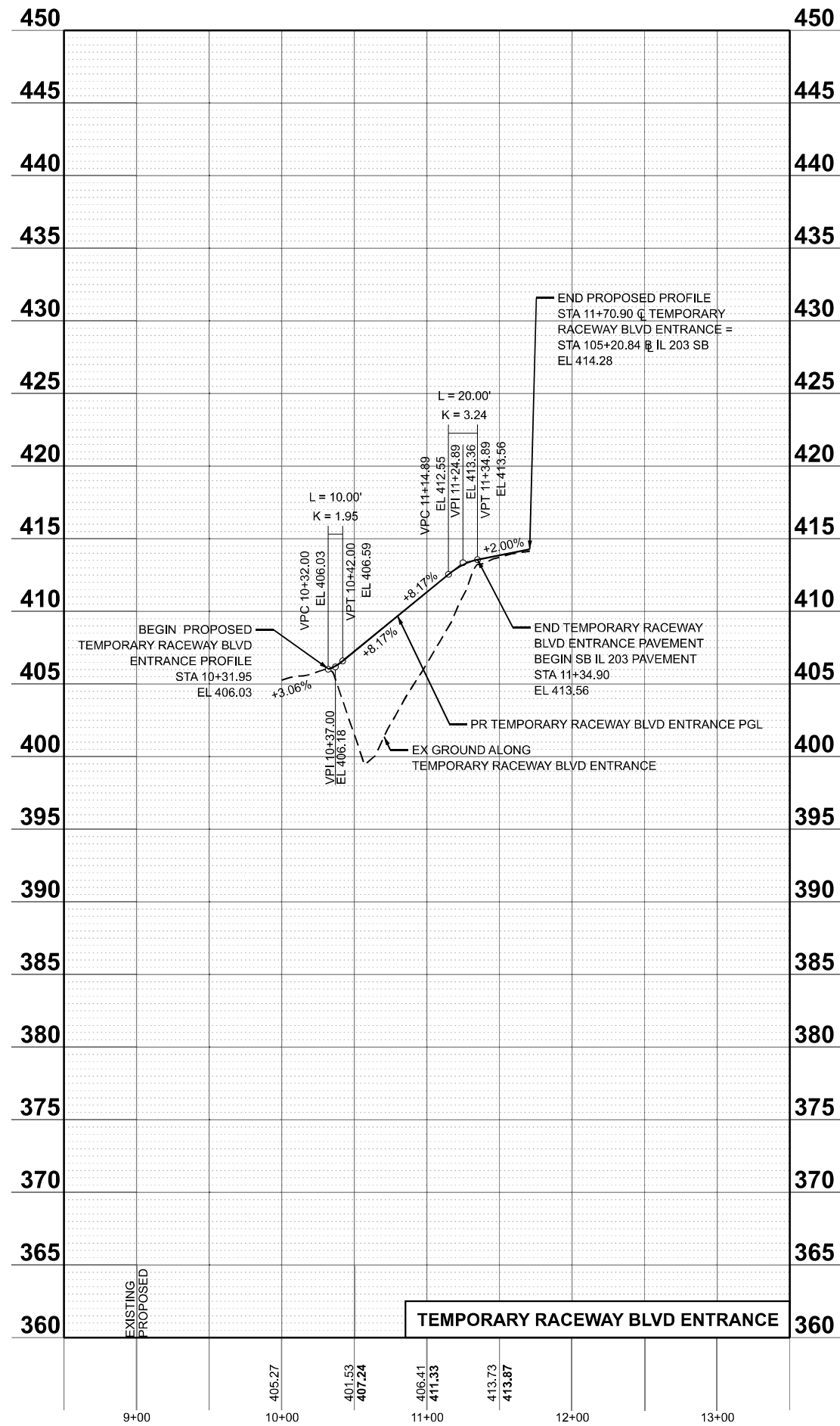
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	CHECKED - HER	REVISED -
PLOT DATE = 7/31/2025	DATE - 8/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 203 PLAN	
SCALE: 1"=50'	SHEET 1 OF 1 SHEETS
STA. 98+00.85	TO STA. 112+10.57

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 28
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

MODEL: Profile 1 - Street
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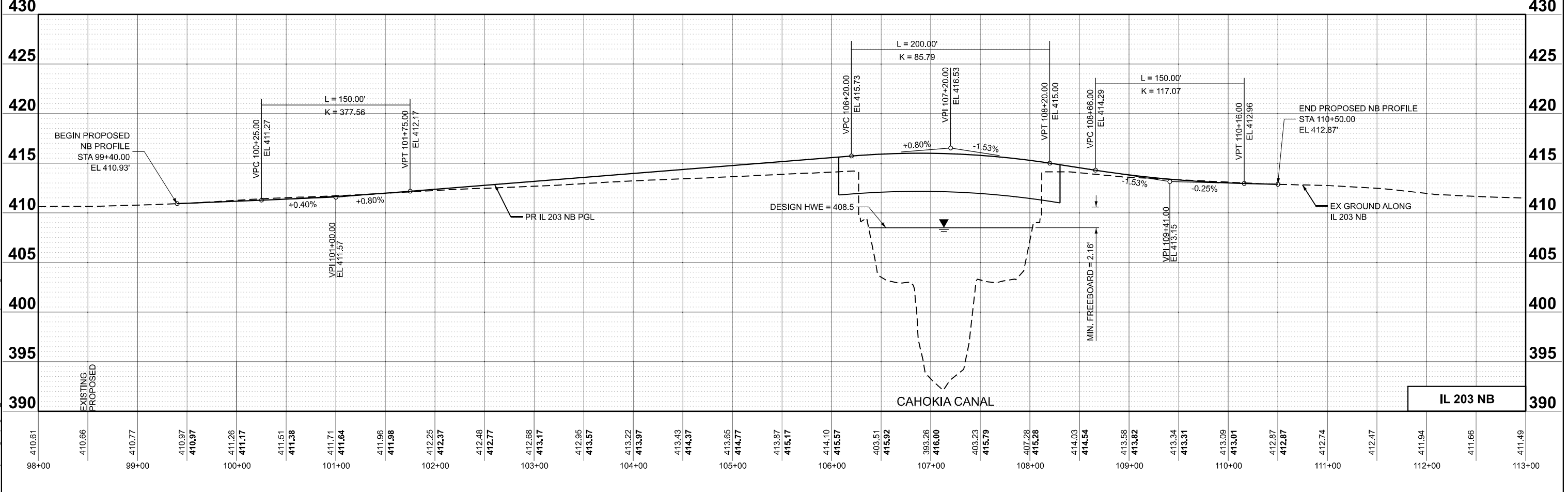
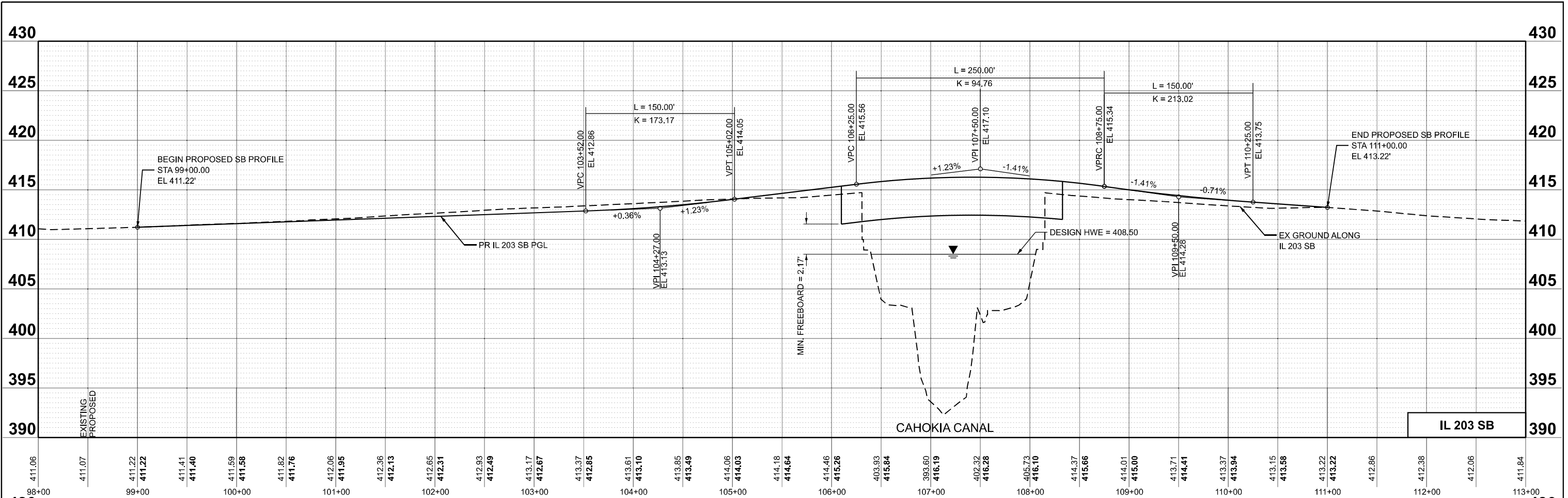
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PLOT DATE = 8/7/2025	DATE - 8/13/2025	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TEMPORARY RACEWAY BLVD
 ENTRANCE PROFILE

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 8+50.00 TO STA. 13+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	30
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



MODEL: P_2023NBPGL - Profile 1
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USER NAME = jschaefer	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 4/9/2025	DATE - 4/21/2025	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 203 NB AND SB PROFILES

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 98+00.00 TO STA. 113+00.00

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 31
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC GENERAL NOTES

- WHERE WORK AREAS ARE NOT SEPARATED FROM TRAFFIC BY TEMPORARY CONCRETE BARRIER WALL, WORK ON BOTH SIDES OF THE ROADWAY IN THE SAME DIRECTION, DURING THE SAME TIME PERIOD WILL NOT BE ALLOWED.
- BARRIER WALL MARKERS SHALL BE INSTALLED ON BOTH THE FACE OF THE TEMPORARY CONCRETE BARRIER WALL NEXT TO TRAFFIC, AND THE TOP OF SECTIONS OF THE TEMPORARY CONCRETE BARRIER WALL AS SHOWN IN STANDARD 704001. THE COLOR OF THESE REFLECTORS SHALL MATCH THE COLOR OF THE EDGELINES (YELLOW ON THE LEFT AND CRYSTAL OR WHITE ON THE RIGHT). IF THE BASE OF THE TEMPORARY CONCRETE BARRIER WALL IS 12 INCHES OR LESS FROM THE TRAVEL LANE, THEN THE LOWER SLOPE OF THE BARRIER WALL SHALL ALSO HAVE A 6 INCH WIDE TEMPORARY PAVEMENT MARKING EDGELINE (YELLOW ON THE LEFT AND WHITE ON THE RIGHT). TEMPORARY PAVEMENT MARKING ON THE LOWER SLOPE OF THE TEMPORARY CONCRETE BARRIER WALL WILL BE MEASURED AND PAID FOR AS TEMPORARY PAVEMENT MARKING - LINE 6" PAINT AS SHOWN ON THE PLANS.
- ALL "ROAD CONSTRUCTION AHEAD" WARNING SIGNS SHALL BE EQUIPPED WITH A MONO-DIRECTIONAL FLASHING LIGHT.
- THE CONTRACTOR SHALL PLACE CHANGEABLE MESSAGE SIGN(S) TO INFORM MOTORISTS OF UPCOMING CONSTRUCTION ACTIVITIES. THE LOCATION SHALL BE AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. THE MESSAGE SIGN SHALL BE IN PLACE TWO WEEKS PRIOR TO START OF CONSTRUCTION ACTIVITIES. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR DAYS FOR "CHANGEABLE MESSAGE SIGN."
- EXISTING PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS THAT CONFLICT WITH TEMPORARY MARKINGS SHALL BE REMOVED. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REPLACED DURING THE PLACEMENT OF THE FINAL PAVEMENT MARKINGS.
- TAPE CANNOT BE USED OVER WINTER OR ON ANY MILLED SURFACES, ARTERIAL, OR EXPRESSWAY. DURING WINTER USE OR ON MILLED SURFACES USE MODIFIED URETHANE.

SUGGESTED STAGING AND TRAFFIC CONTROL

PRE-STAGE 1

IL 203 NB/SB

TRAFFIC CONTROL:

- TRAFFIC WILL BE REDUCED TO ONE SOUTHBOUND AND ONE NORTHBOUND LANE.

CONSTRUCTION:

- CONSTRUCT TEMPORARY PAVEMENT AND TEMPORARY PIPE CULVERT.

STAGE 1

INSTALL TEMPORARY SIGNING, STRIPING, AND OTHER TRAFFIC CONTROL DEVICES NECESSARY FOR THE STAGE 1 TRAFFIC CONFIGURATION, INCLUDING ANY NECESSARY MODIFICATIONS TO THE EXISTING GROUND MOUNTED AND OVERHEAD SIGNS.

IL 203 NB/SB

TRAFFIC CONTROL:

- TRAFFIC WILL BE REDUCED TO ONE SOUTHBOUND AND ONE NORTHBOUND LANE.
- THE SOUTHBOUND LANE WILL CROSS OVER ONTO THE NORTHBOUND PAVEMENT BEFORE THE EXISTING BRIDGE, AND WILL CROSS BACK OVER TO THE SOUTHBOUND PAVEMENT AFTER THE EXISTING BRIDGE.

CONSTRUCTION:

- REMOVE THE EXISTING SOUTHBOUND BRIDGE AND APPROACH SLABS.
- CONSTRUCT THE PROPOSED SOUTHBOUND BRIDGE AND APPROACH SLABS.
- REMOVE EXISTING SOUTHBOUND PAVEMENT.
- CONSTRUCT THE PROPOSED SOUTHBOUND PAVEMENT AND PAVEMENT CONNECTORS.

TEMPORARY RACEWAY BLVD ENTRANCE

TRAFFIC CONTROL:

- TRAFFIC WILL BE REDUCED TO ONE SOUTHBOUND AND ONE NORTHBOUND LANE ALONG RACEWAY BLVD.
- THE OUTSIDE NORTHBOUND LANE WILL MERGE INTO THE INSIDE NORTHBOUND LANE TO ACCOMMODATE THE WORK ZONE.

CONSTRUCTION:

- CONSTRUCT THE PROPOSED TEMPORARY PAVEMENT AT THE INTERSECTION OF IL 203.

STAGE 2

INSTALL TEMPORARY SIGNING, STRIPING, AND OTHER TRAFFIC CONTROL DEVICES NECESSARY FOR THE STAGE 2 TRAFFIC CONFIGURATION, INCLUDING ANY NECESSARY MODIFICATIONS TO THE EXISTING GROUND MOUNTED AND OVERHEAD SIGNS.

IL 203 NB/SB

TRAFFIC CONTROL:

- TRAFFIC WILL BE REDUCED TO ONE SOUTHBOUND AND ONE NORTHBOUND LANE.
- THE NORTHBOUND LANE WILL CROSS OVER ONTO THE SOUTHBOUND PAVEMENT BEFORE THE EXISTING BRIDGE, AND WILL CROSS BACK OVER TO THE NORTHBOUND PAVEMENT AFTER THE EXISTING BRIDGE

CONSTRUCTION:

- REMOVE THE EXISTING NORTHBOUND BRIDGE AND APPROACH SLABS.
- CONSTRUCT THE PROPOSED NORTHBOUND BRIDGE AND APPROACH SLABS.
- REMOVE EXISTING NORTHBOUND PAVEMENT.
- CONSTRUCT THE PROPOSED NORTHBOUND PAVEMENT AND PAVEMENT CONNECTORS.

STAGE 3

INSTALL TEMPORARY SIGNING, STRIPING, AND OTHER TRAFFIC CONTROL DEVICES NECESSARY FOR THE STAGE 3 TRAFFIC CONFIGURATION, INCLUDING ANY NECESSARY MODIFICATIONS TO THE EXISTING GROUND MOUNTED AND OVERHEAD SIGNS.

IL 203 NB/SB

TRAFFIC CONTROL:

- TRAFFIC WILL BE REDUCED TO ONE SOUTHBOUND AND ONE NORTHBOUND LANE.
- THE SOUTHBOUND WILL BE SHIFTED TO THE OUTSIDE SHOULDERS TO ACCOMMODATE THE WORK ZONES.

CONSTRUCTION:

- CONSTRUCT THE NORTHBOUND LEFT TURN LANE AND MEDIAN.
- REMOVE TEMPORARY PAVEMENT AND TEMPORARY PIPE CULVERTS.
- CONSTRUCT FINAL PAVEMENT MARKINGS AND REMOVE TRAFFIC CONTROL DEVICES.

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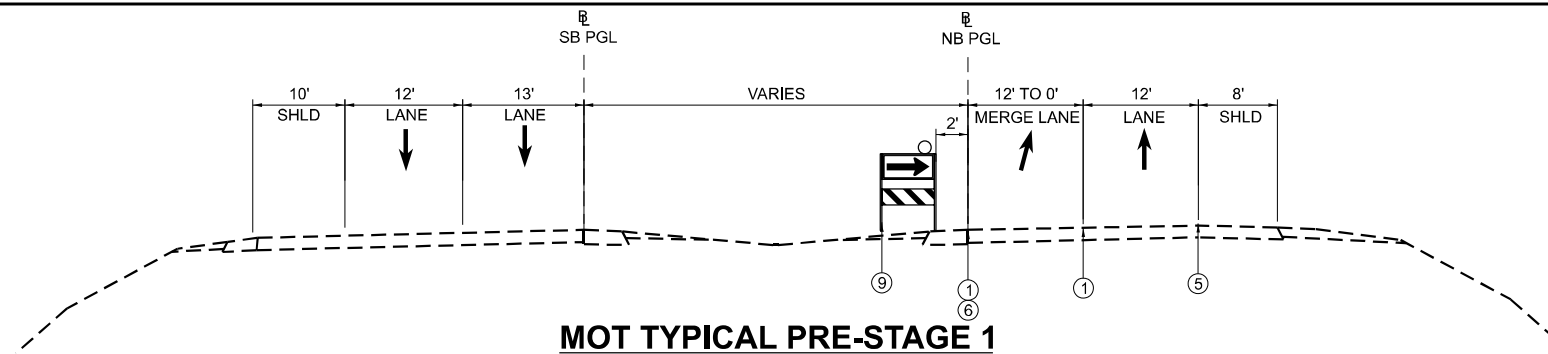
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PLOT DATE = 8/6/2025	DATE - 8/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
GENERAL NOTES

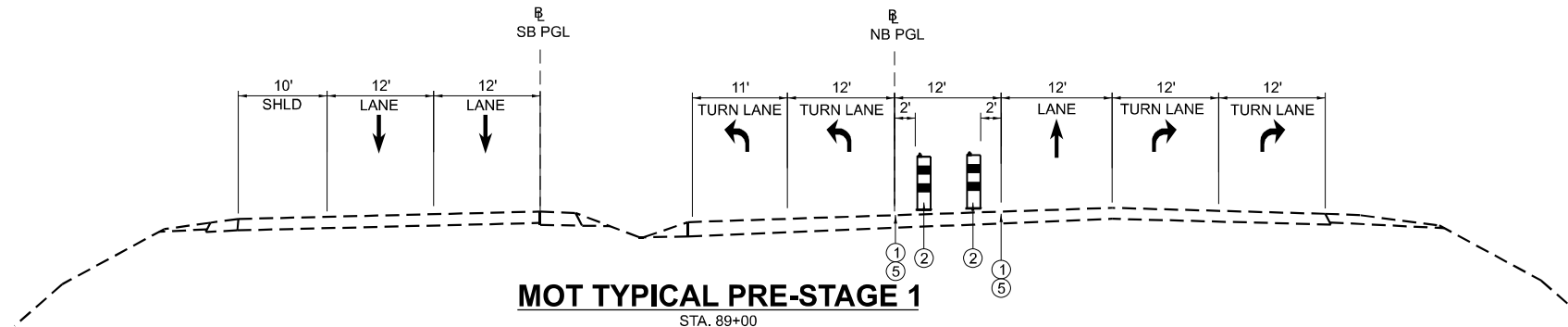
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	32
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



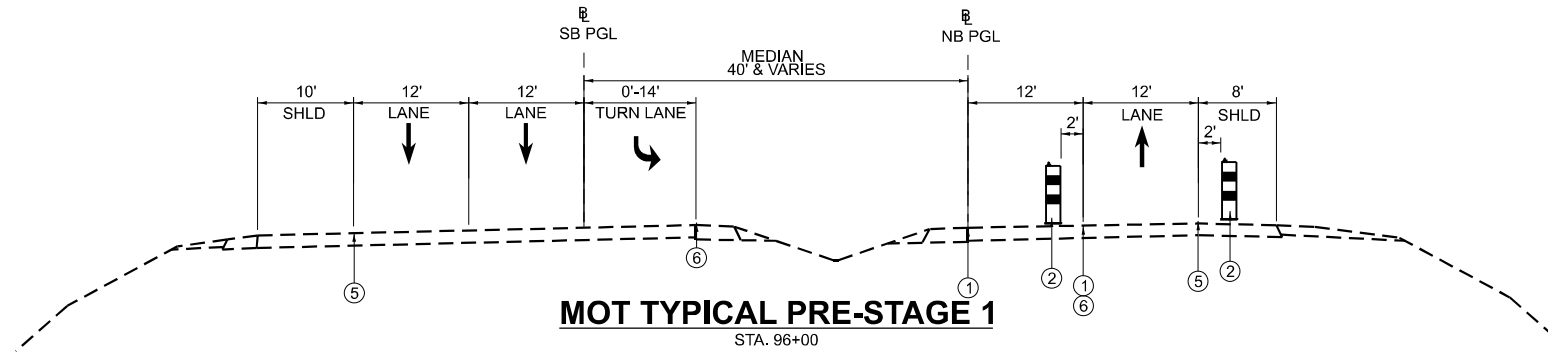
MOT TYPICAL PRE-STAGE 1

STA. 78+00



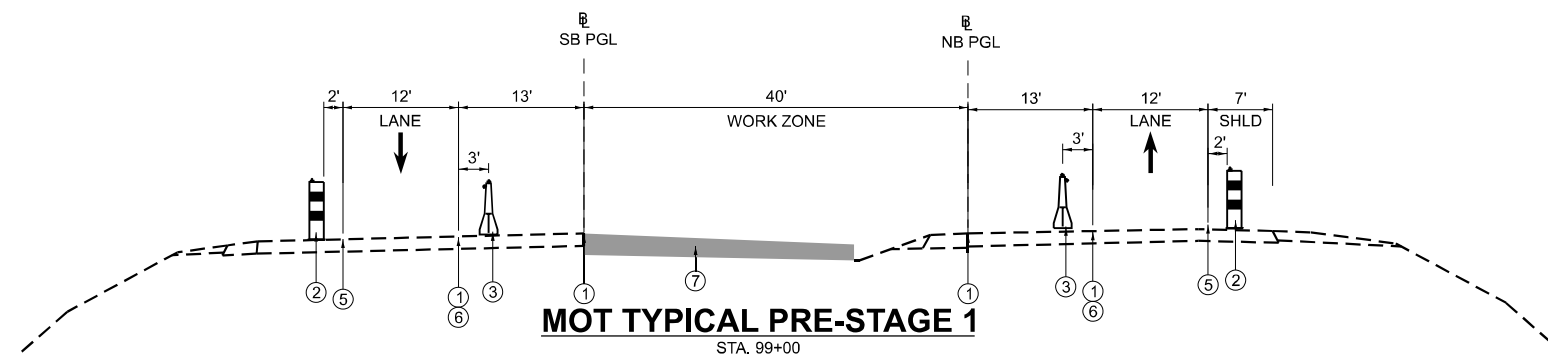
MOT TYPICAL PRE-STAGE 1

STA. 89+00



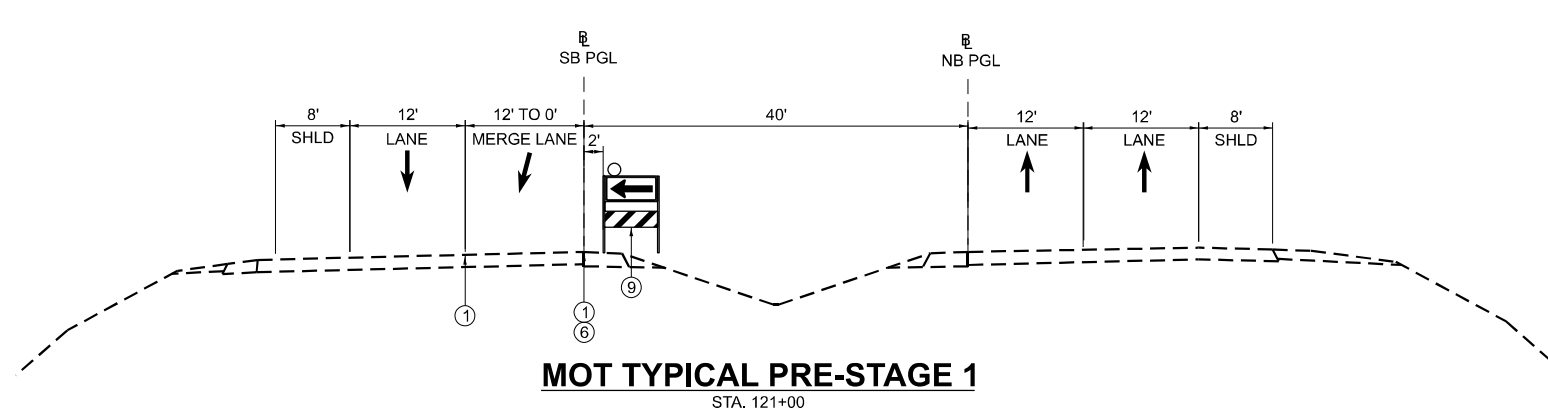
MOT TYPICAL PRE-STAGE 1

STA. 96+00



MOT TYPICAL PRE-STAGE 1

STA. 99+00



MOT TYPICAL PRE-STAGE 1

STA. 121+00

PROPOSED LEGEND

- ① PAVEMENT MARKING REMOVAL
- ② DRUMS AT 50'C-C WITH BIDIRECTIONAL BURNING LIGHT
- ③ TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ④ RELOCATE TEMPORARY CONCRETE BARRIER BARRIER WALL MARKERS, TYPE C
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV (WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV (YELLOW)
- ⑦ TEMPORARY PAVEMENT
- ⑧ WORKZONE
- ⑨ DIRECTION INDICATOR BARRICADE AT 50'C-C WITH MONODIRECTIONAL BURNING LIGHT

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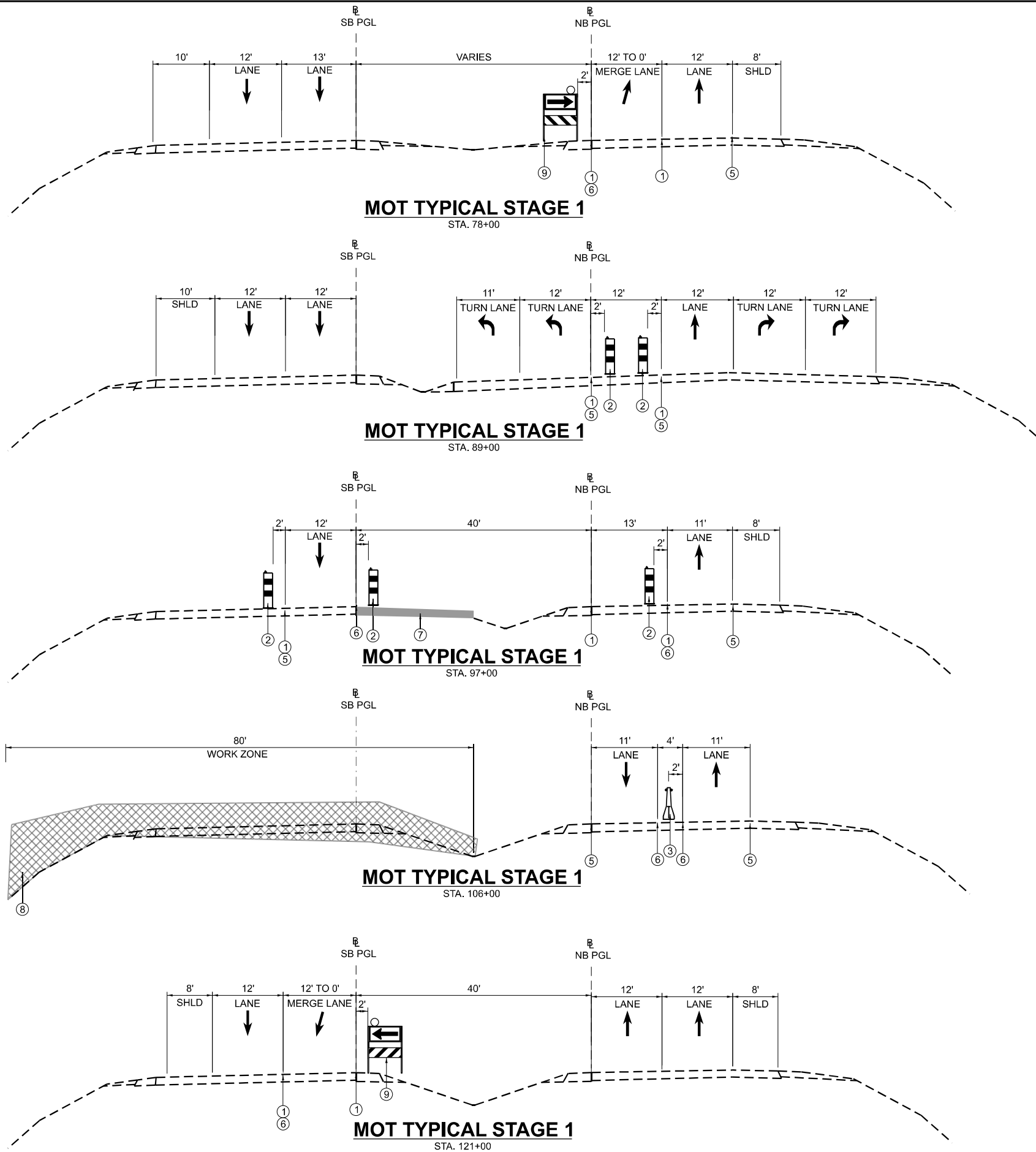
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC
PRE-STAGE 1 TYPICAL SECTIONS**

SCALE: N/A SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	33
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



PROPOSED LEGEND

- ① PAVEMENT MARKING REMOVAL
- ② DRUMS AT 50'C-C WITH BIDIRECTIONAL BURNING LIGHT
- ③ TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ④ RELOCATE TEMPORARY CONCRETE BARRIER BARRIER WALL MARKERS, TYPE C
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV (WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV (YELLOW)
- ⑦ TEMPORARY PAVEMENT
- ⑧ WORKZONE
- ⑨ DIRECTION INDICATOR BARRICADE AT 50'C-C WITH MONODIRECTIONAL BURNING LIGHT

MODEL: MOT Typical Sections Stage 1 (Sheet)
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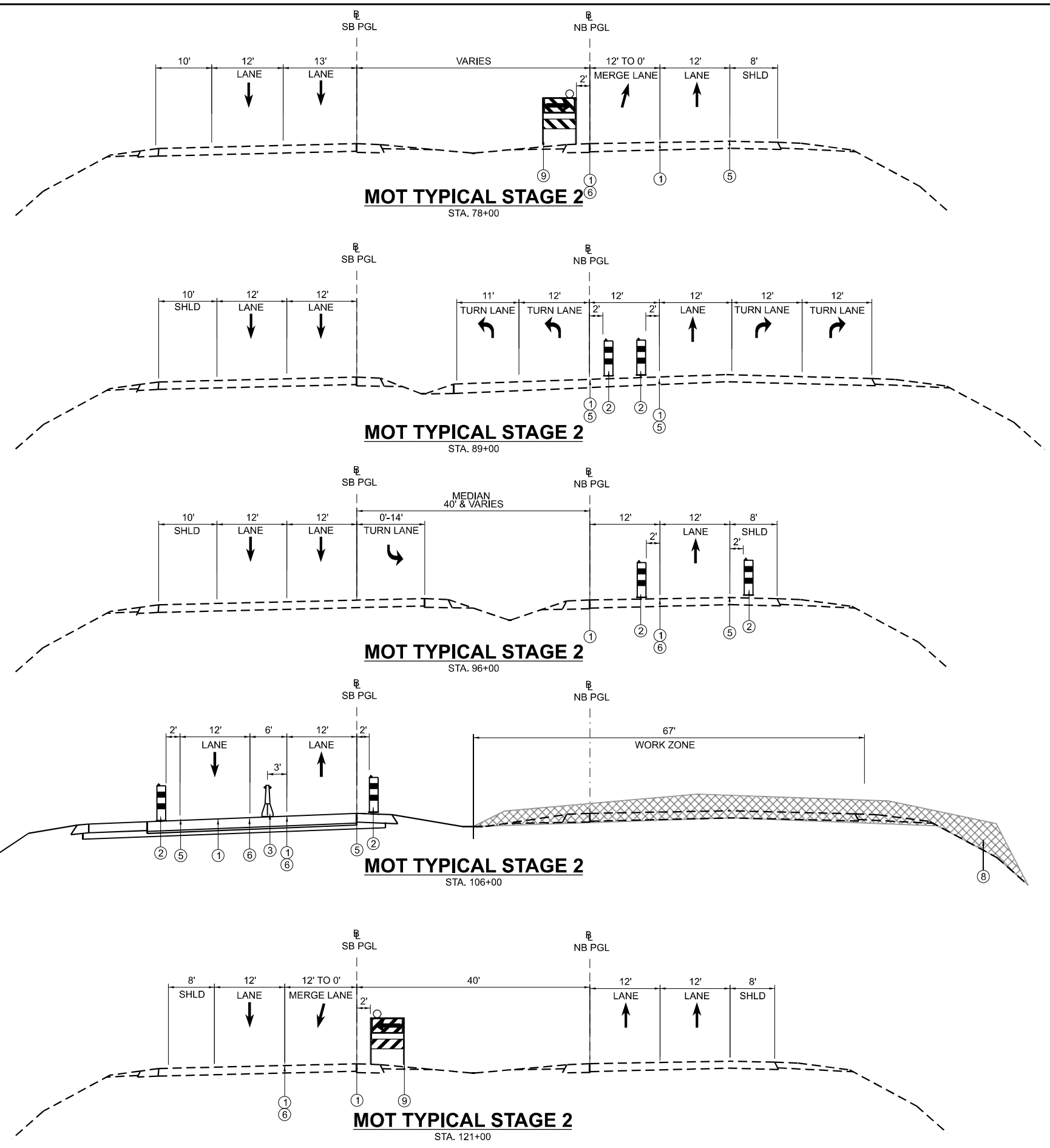
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1 TYPICAL SECTIONS

SCALE: N/A SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	34
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

MODEL: MOT Typical Sections Stage 2 (Sheet)
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PROPOSED LEGEND

- ① PAVEMENT MARKING REMOVAL
- ② DRUMS AT 50'C-C WITH BIDIRECTIONAL BURNING LIGHT
- ③ TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ④ RELOCATE TEMPORARY CONCRETE BARRIER BARRIER WALL MARKERS, TYPE C
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV (WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV (YELLOW)
- ⑦ TEMPORARY PAVEMENT
- ⑧ WORKZONE
- ⑨ DIRECTION INDICATOR BARRICADE AT 50'C-C WITH MONODIRECTIONAL BURNING LIGHT



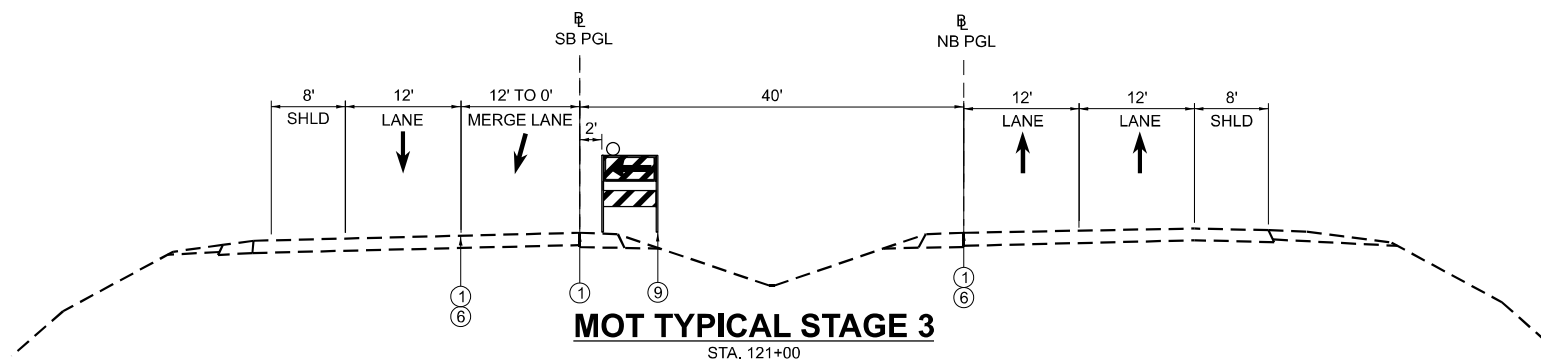
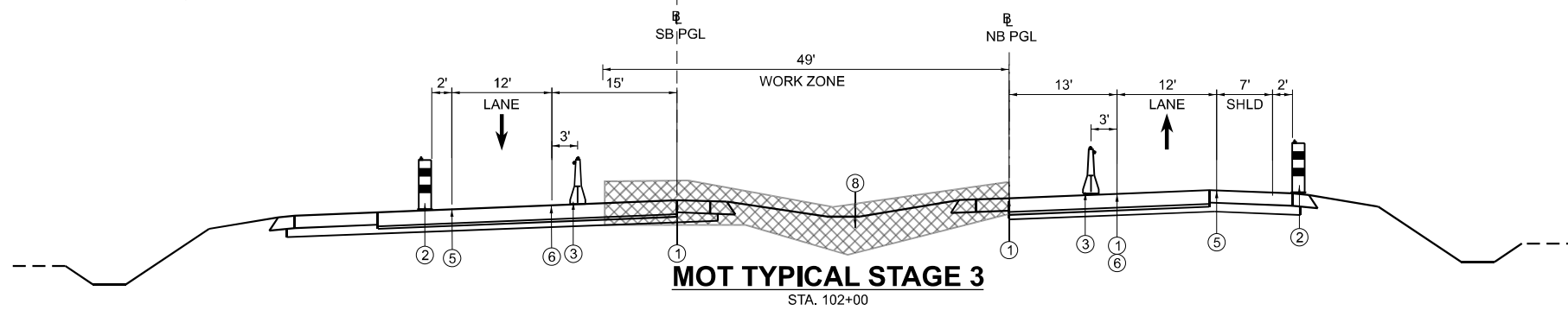
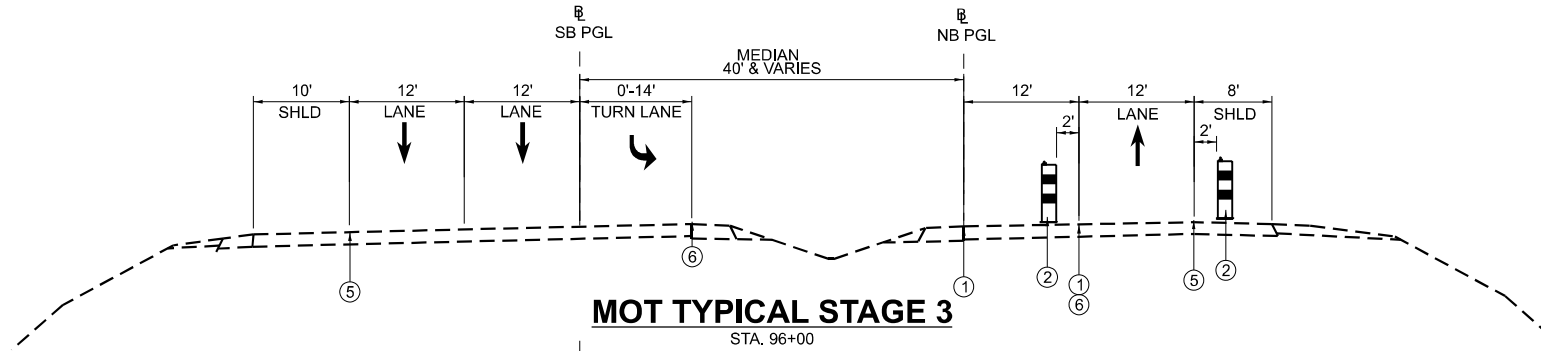
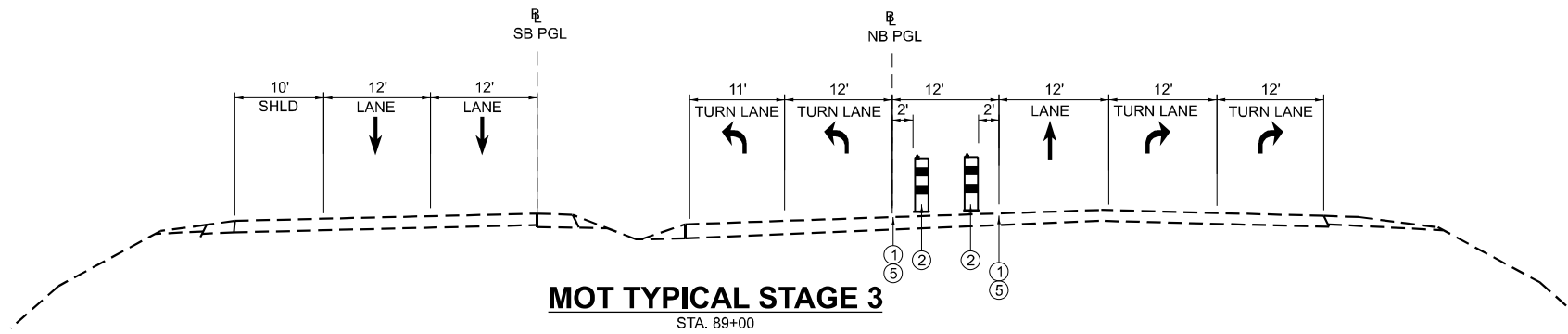
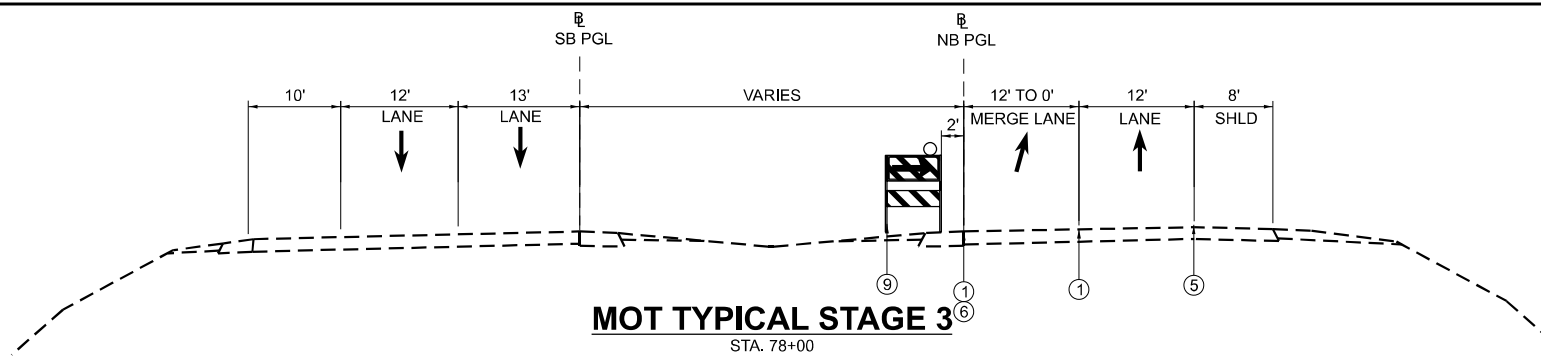
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PLOT DATE = 4/9/2025	DATE - 4/21/2025	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**MAINTENANCE OF TRAFFIC
 STAGE 2 TYPICAL SECTIONS**

SCALE: N/A SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	35
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



PROPOSED LEGEND

- ① PAVEMENT MARKING REMOVAL
- ② DRUMS AT 50'C-C WITH BIDIRECTIONAL BURNING LIGHT
- ③ TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ④ RELOCATE TEMPORARY CONCRETE BARRIER BARRIER WALL MARKERS, TYPE C
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV (WHITE)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV (YELLOW)
- ⑦ TEMPORARY PAVEMENT
- ⑧ WORKZONE
- ⑨ DIRECTION INDICATOR BARRICADE AT 50'C-C WITH MONODIRECTIONAL BURNING LIGHT

MODEL: MOT Typical Sections Stage 3 (Sheet)
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PLOT DATE = 4/9/2025	DATE - 4/21/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3 TYPICAL SECTIONS**

SCALE: N/A SHEET 4 OF 4 SHEETS STA. TO STA.

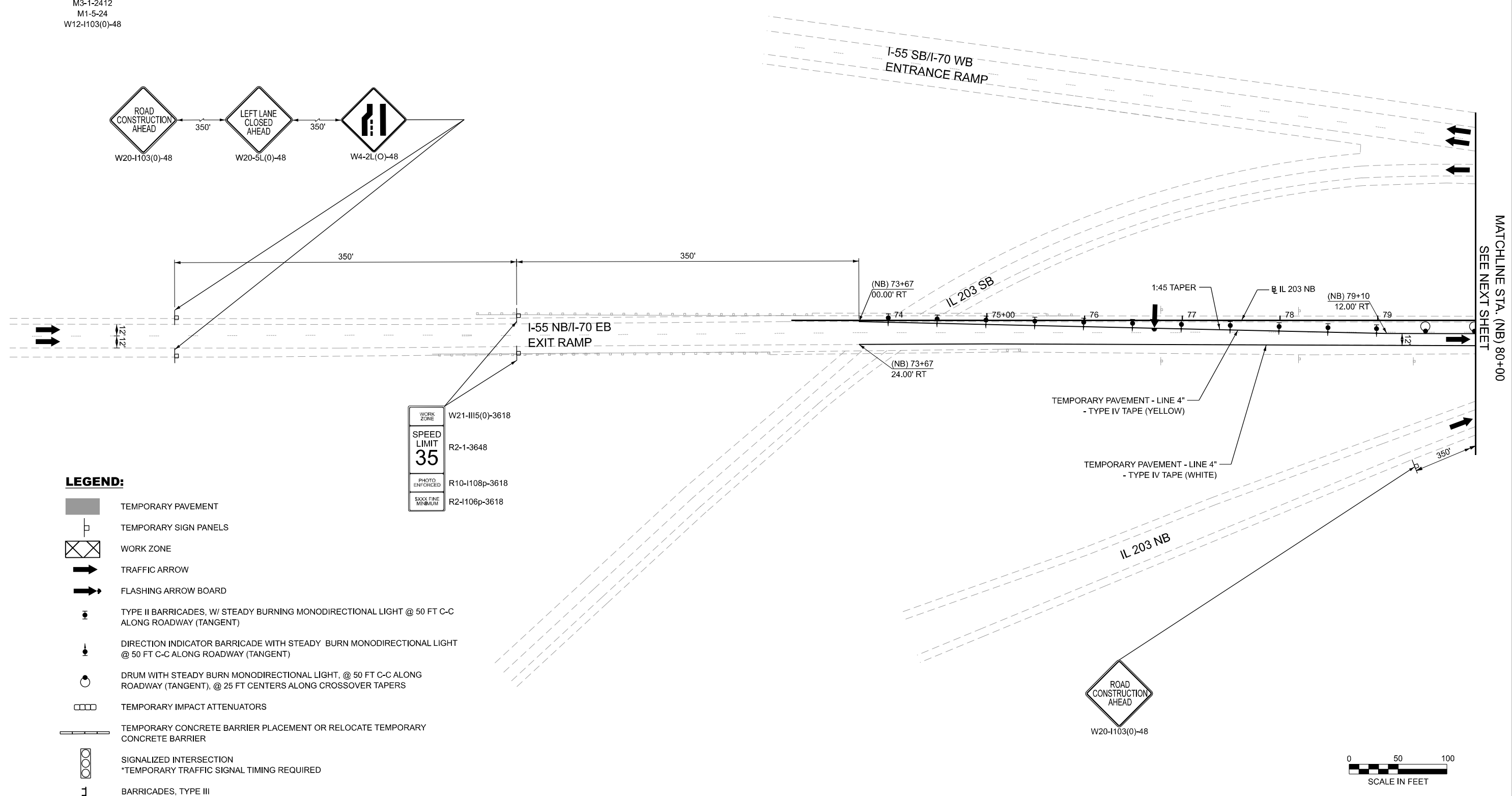
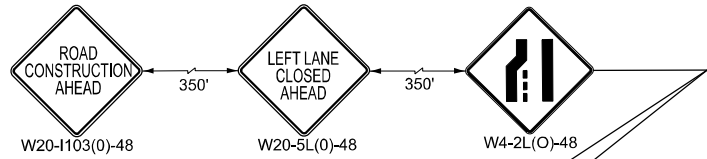
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	36
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

NOTES:

1. INSTALL ADDITIONAL SIGNS AT THE FOLLOWING LOCATIONS:

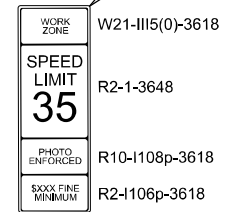


GROUND MOUNTED SIGN AT I-55 NB/I-70 EB 300' BEFORE EXIT 4
GROUND MOUNTED SIGN AT I-55 SB/I-70 WB 1300' BEFORE EXIT 4B



LEGEND:

- TEMPORARY PAVEMENT
- TEMPORARY SIGN PANELS
- WORK ZONE
- TRAFFIC ARROW
- FLASHING ARROW BOARD
- TYPE II BARRICADES, W/ STEADY BURNING MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, @ 50 FT C-C ALONG ROADWAY (TANGENT), @ 25 FT CENTERS ALONG CROSSOVER TAPERS
- TEMPORARY IMPACT ATTENUATORS
- TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATE TEMPORARY CONCRETE BARRIER
- SIGNALIZED INTERSECTION
*TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED
- BARRICADES, TYPE III



MODEL: Contract 2 - Steading - Plan 4
FILE NAME: c:\cadd\hntb\hntb_ischaefc\greatlakes\00418963\0876171-shh-Steading-p-01.dgn



USER NAME = hregan	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 2/27/2025	DATE - 4/21/2025	REVISED -

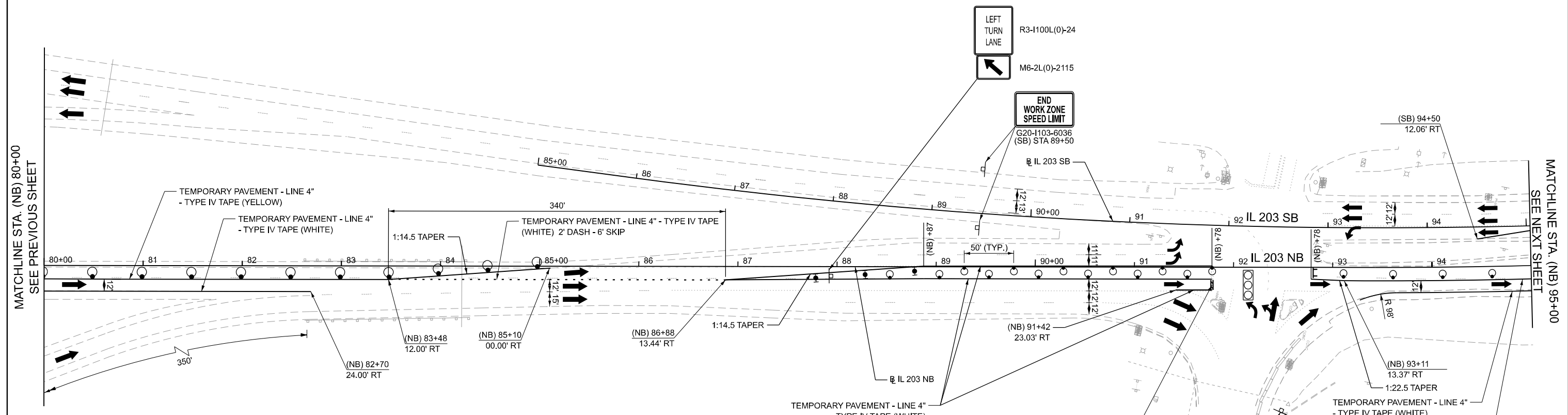
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PRE-STAGE 1

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 65+00.00 TO STA. 80+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	37
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				













MATCHLINE STA. (NB) 80+00
SEE NEXT SHEET



MATCHLINE STA. (NB) 80+00
SEE PREVIOUS SHEET

MATCHLINE STA. (NB) 95+00
SEE NEXT SHEET

LEGEND:

-  TEMPORARY PAVEMENT
-  TEMPORARY SIGN PANELS
-  WORK ZONE
-  TRAFFIC ARROW
-  FLASHING ARROW BOARD
-  TYPE II BARRICADES, W/ STEADY BURNING MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, @ 50 FT C-C ALONG ROADWAY (TANGENT), @ 25 FT CENTERS ALONG CROSSOVER TAPERS
-  TEMPORARY IMPACT ATTENUATORS
-  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATE TEMPORARY CONCRETE BARRIER
-  SIGNALIZED INTERSECTION
*TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED
-  BARRICADES, TYPE III



MODEL: Contract 2 - Staging - Plan 1
FILE NAME: c:\cadd\hntb\hntb_ischaef\creat\stages\00418963\0876171-shr-Staging-02.dgn



USER NAME = hregan	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 2/27/2025	DATE - 4/21/2025	REVISED -

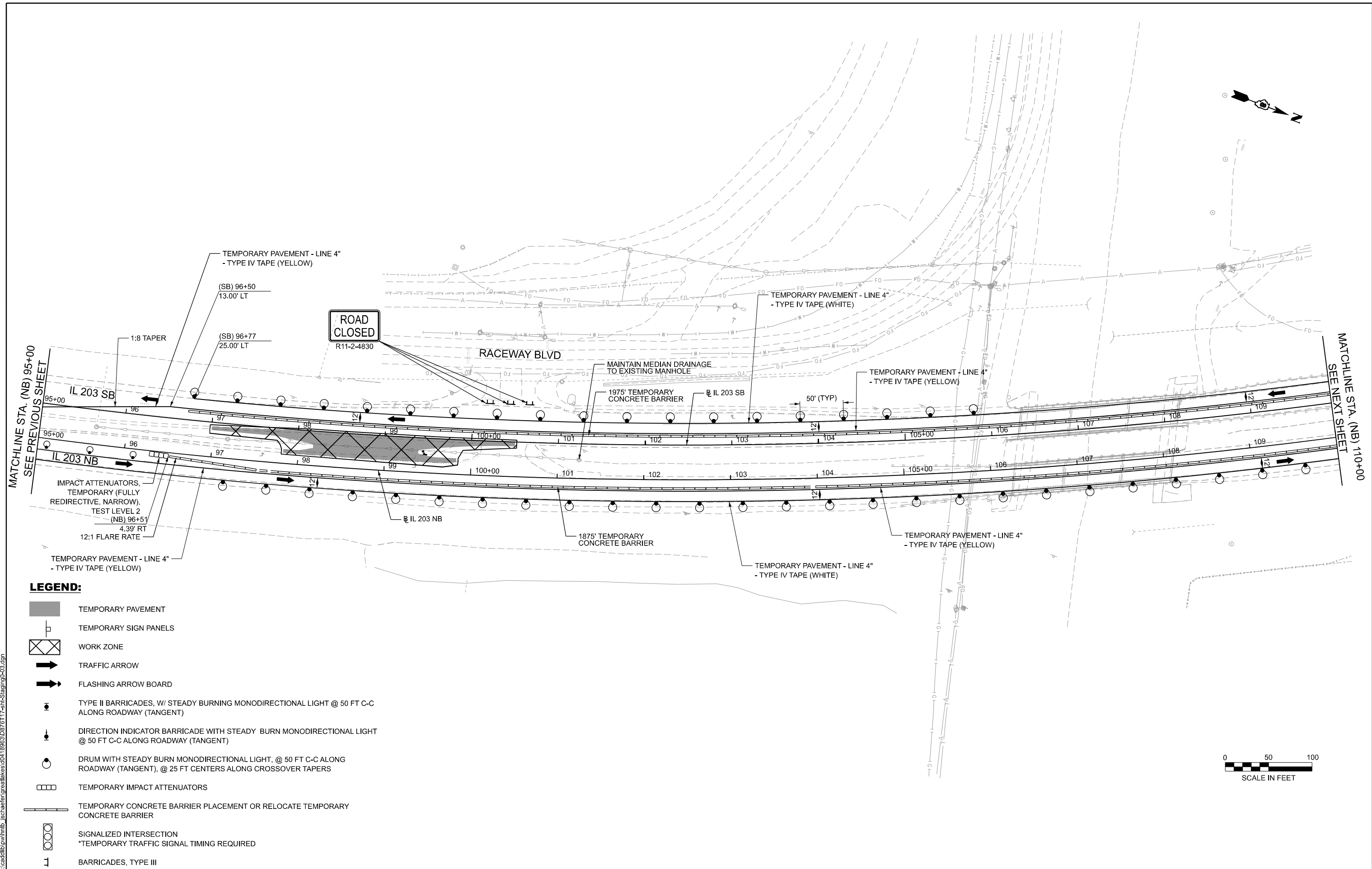
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
PRE-STAGE 1**













SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 80+00.00 TO STA. 95+00.00

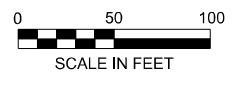
F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 38
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

MODEL: Contract 2 - Staging - Plan 2
 FILE NAME: c:\cadd\hntb\hntb_ischaefec\greatlakes\00418963\0876171-shr-Staging-03.dgn



LEGEND:

-  TEMPORARY PAVEMENT
-  TEMPORARY SIGN PANELS
-  WORK ZONE
-  TRAFFIC ARROW
-  FLASHING ARROW BOARD
-  TYPE II BARRICADES, W/ STEADY BURNING MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, @ 50 FT C-C ALONG ROADWAY (TANGENT), @ 25 FT CENTERS ALONG CROSSOVER TAPERS
-  TEMPORARY IMPACT ATTENUATORS
-  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATE TEMPORARY CONCRETE BARRIER
-  SIGNALIZED INTERSECTION
*TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED
-  BARRICADES, TYPE III



USER NAME = hregan	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 2/27/2025	DATE - 4/21/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 PRE-STAGE 1**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 95+00.00 TO STA. 110+00.00

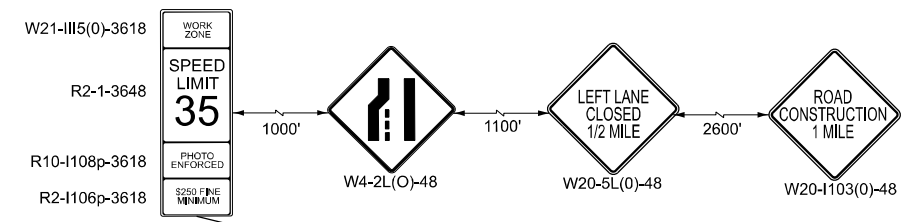
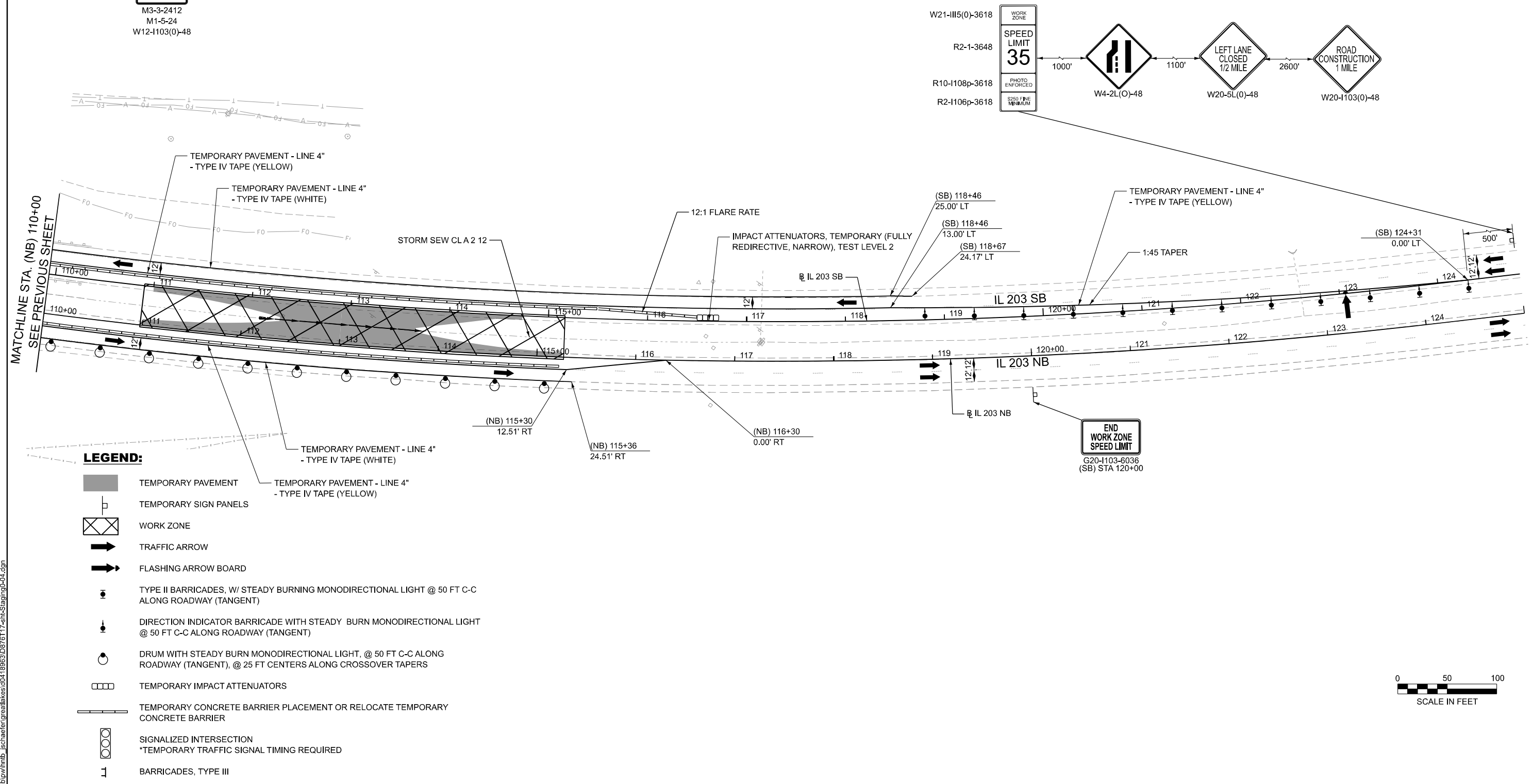
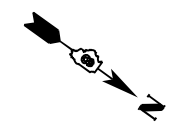
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	39
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

NOTES:

- INSTALL ADDITIONAL SIGNS AT THE FOLLOWING LOCATIONS:

SOUTH
ILLINOIS
203
MAX WIDTH
12'-6"
4 MILES
AHEAD
M3-3-2412
M1-5-24
W12-1103(0)-48

GROUND MOUNTED SIGN AT IL 162 WB 500' BEFORE INTERSECTION WITH IL 203
(INTERSECTION OF EDWARDSVILLE RD & NAMEOKI RD)
GROUND MOUNTED SIGN AT IL 203 SB 500' BEFORE INTERSECTION WITH IL 162
(INTERSECTION OF EDWARDSVILLE RD & NAMEOKI RD)



MODEL: Contract 2 - Staging - Plan 3
FILE NAME: c:\cadd\hntb\hntb_ischaefec\gratifikes\0418963\0876171-shh-Staging-04.dgn



USER NAME = hregan	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 2/27/2025	DATE - 4/21/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PRE-STAGE 1

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 110+00.00 TO STA. 125+00.00

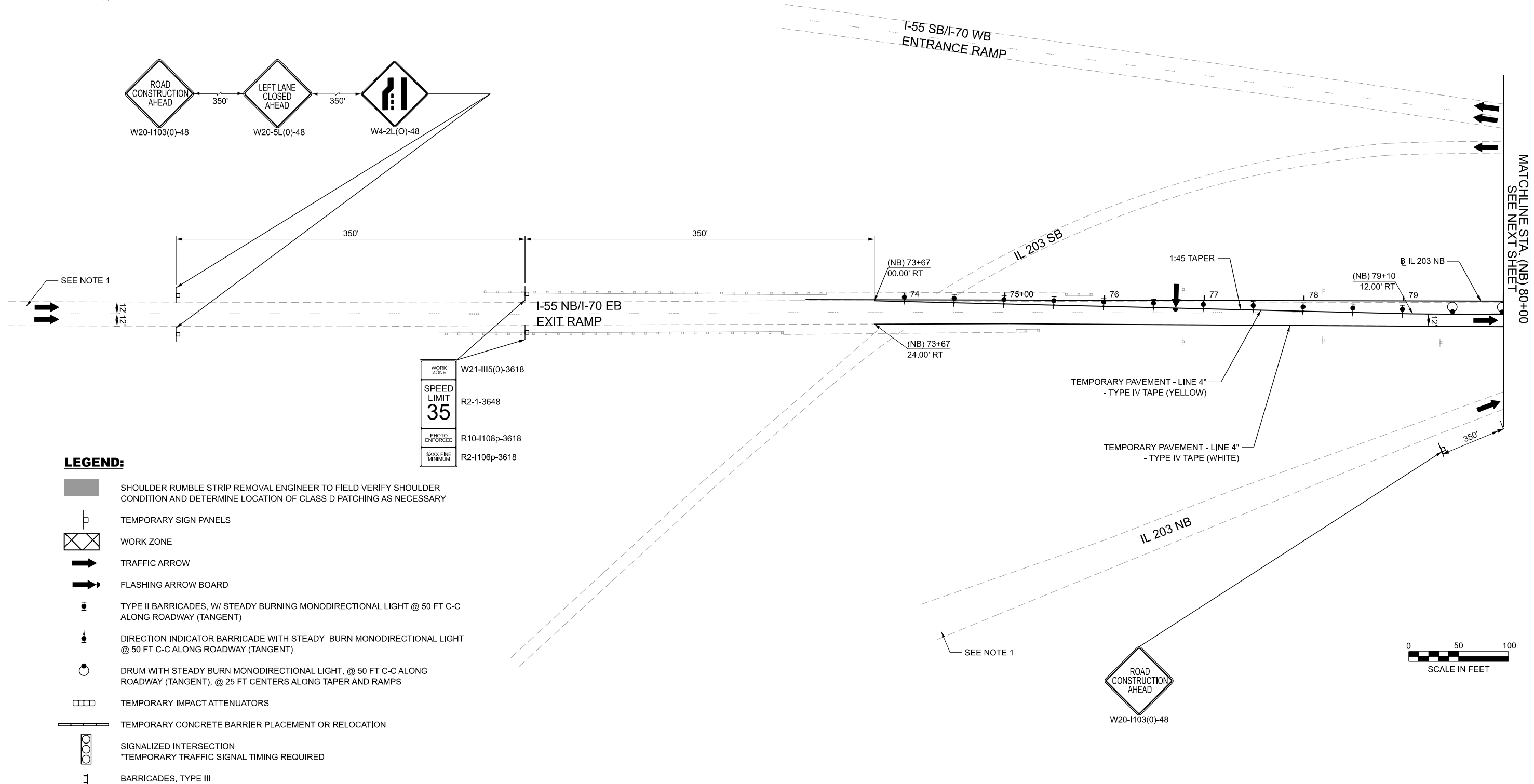
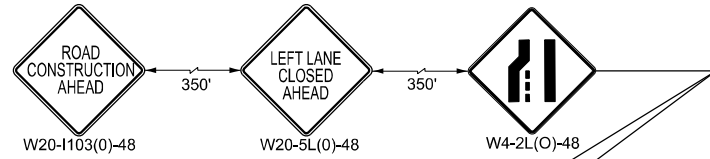
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	40
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



NOTES:
 1. INSTALL ADDITIONAL SIGNS AT THE FOLLOWING LOCATIONS:

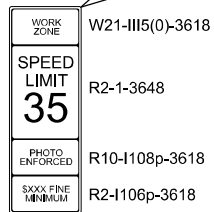


GROUND MOUNTED SIGN AT I-55 NB/I-70 EB 300' BEFORE EXIT 4
 GROUND MOUNTED SIGN AT I-55 SB/I-70 WB 1300' BEFORE EXIT 4B



LEGEND:

- SHOULDER RUMBLE STRIP REMOVAL ENGINEER TO FIELD VERIFY SHOULDER CONDITION AND DETERMINE LOCATION OF CLASS D PATCHING AS NECESSARY
- TEMPORARY SIGN PANELS
- WORK ZONE
- TRAFFIC ARROW
- FLASHING ARROW BOARD
- TYPE II BARRICADES, W/ STEADY BURNING MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, @ 50 FT C-C ALONG ROADWAY (TANGENT), @ 25 FT CENTERS ALONG TAPER AND RAMP
- TEMPORARY IMPACT ATTENUATORS
- TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATION
- SIGNALIZED INTERSECTION
*TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED
- BARRICADES, TYPE III



MODEL: Staging1
 FILE NAME: c:\cadd\hntb\hntb_sdenon\greatlakes\04189630\0676117_sht-Staging1-01.dgn



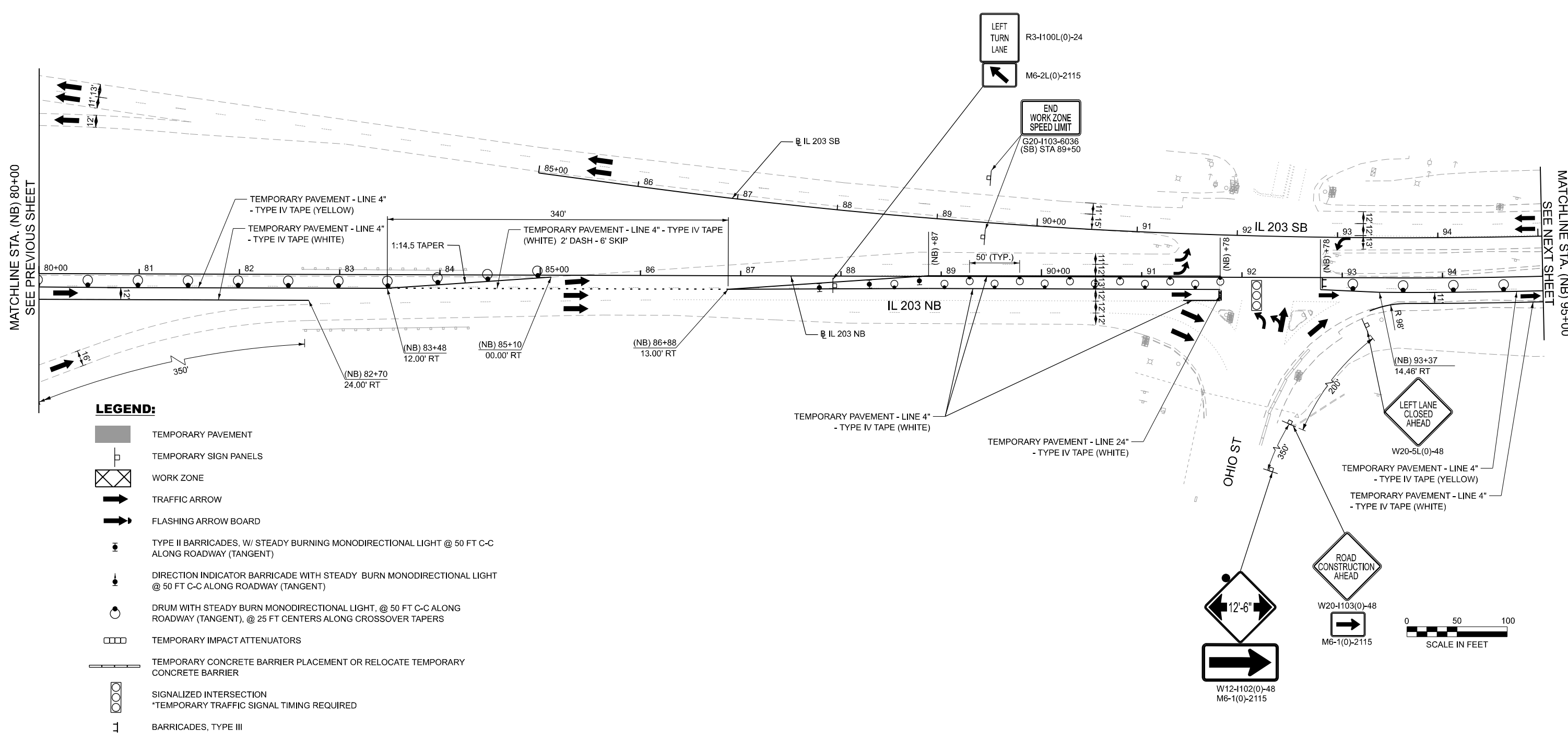
USER NAME = jschaefer	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 4/9/2025	DATE - 4/21/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**













**MAINTENANCE OF TRAFFIC
 STAGE 1**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 65+00.00 TO STA. 80+00.00

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 41
CONTRACT NO. 76T17			ILLINOIS FED. AID PROJECT	



LEGEND:

-  TEMPORARY PAVEMENT
-  TEMPORARY SIGN PANELS
-  WORK ZONE
-  TRAFFIC ARROW
-  FLASHING ARROW BOARD
-  TYPE II BARRICADES, W/ STEADY BURNING MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, @ 50 FT C-C ALONG ROADWAY (TANGENT), @ 25 FT CENTERS ALONG CROSSOVER TAPERS
-  TEMPORARY IMPACT ATTENUATORS
-  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATE TEMPORARY CONCRETE BARRIER
-  SIGNALIZED INTERSECTION
*TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED
-  BARRICADES, TYPE III

MODEL: Stage01_1
 FILE NAME: c:\addb\p\hmb_ischaefec\creat\stakcs\00418963\0876171-shr-Stage01-02.dgn



USER NAME = hregan	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 2/27/2025	DATE - 4/21/2025	REVISED -

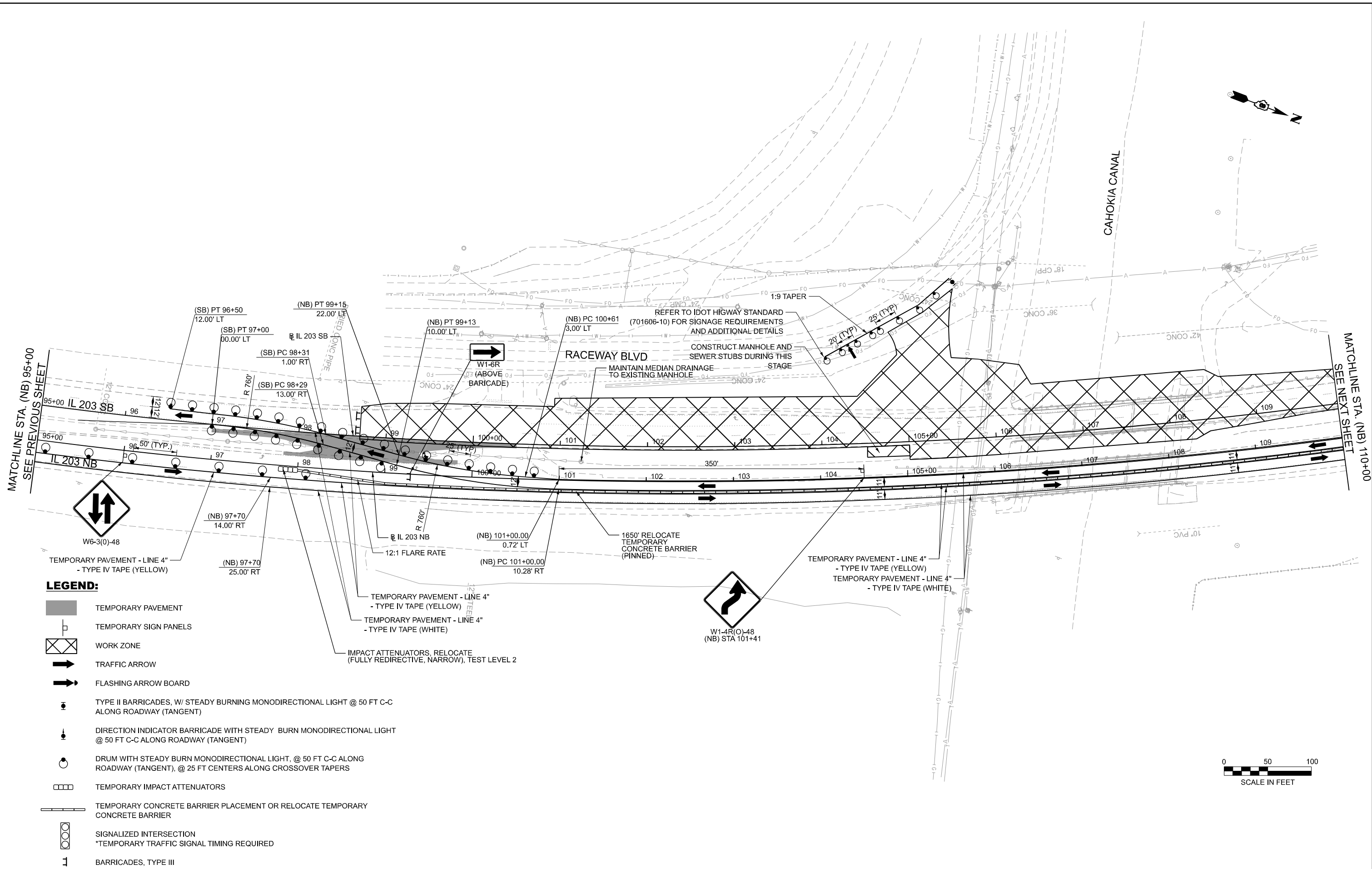
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1**













SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 80+00.00 TO STA. 95+00.00

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 42
CONTRACT NO. 76T17			ILLINOIS FED. AID PROJECT	

MODEL: Stage1_2
 FILE NAME: c:\addb\p\hmb_ischaef\cra\tales\0472004\087617-shl-stage1-03-IntersectionMod.dgn



LEGEND:

-  TEMPORARY PAVEMENT
-  TEMPORARY SIGN PANELS
-  WORK ZONE
-  TRAFFIC ARROW
-  FLASHING ARROW BOARD
-  TYPE II BARRICADES, W/ STEADY BURNING MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, @ 50 FT C-C ALONG ROADWAY (TANGENT), @ 25 FT CENTERS ALONG CROSSOVER TAPERS
-  TEMPORARY IMPACT ATTENUATORS
-  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATE TEMPORARY CONCRETE BARRIER
-  SIGNALIZED INTERSECTION
*TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED
-  BARRICADES, TYPE III



USER NAME = emahinay	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/1/2025	DATE - 8/13/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 STAGE 1**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 95+00.00 TO STA. 110+00.00

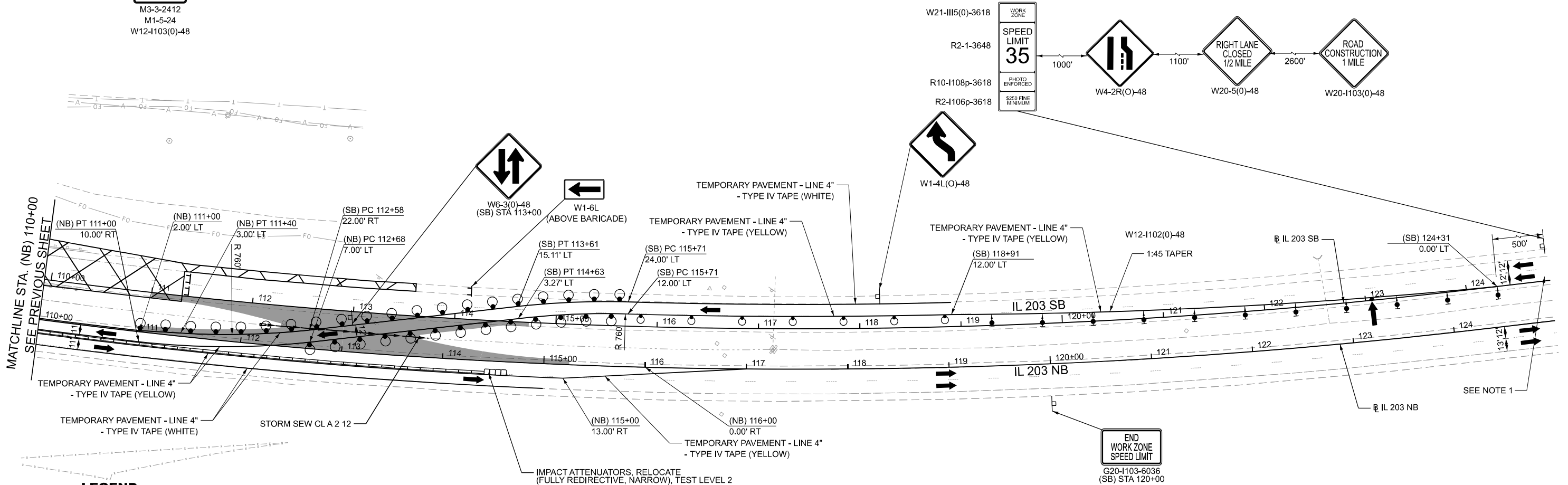
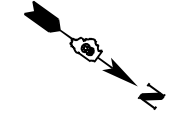
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	43
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

NOTES:

- INSTALL ADDITIONAL SIGNS AT THE FOLLOWING LOCATIONS:



GROUND MOUNTED SIGN AT IL 162 WB 500' BEFORE INTERSECTION WITH IL 203
(INTERSECTION OF EDWARDSVILLE RD & NAMEOKI RD)
GROUND MOUNTED SIGN AT IL 203 SB 500' BEFORE INTERSECTION WITH IL 162
(INTERSECTION OF EDWARDSVILLE RD & NAMEOKI RD)



LEGEND:

- TEMPORARY PAVEMENT
- TEMPORARY SIGN PANELS
- WORK ZONE
- TRAFFIC ARROW
- FLASHING ARROW BOARD
- TYPE II BARRICADES, W/ STEADY BURNING MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, @ 50 FT C-C ALONG ROADWAY (TANGENT), @ 25 FT CENTERS ALONG CROSSOVER TAPERS
- TEMPORARY IMPACT ATTENUATORS
- TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATE TEMPORARY CONCRETE BARRIER
- SIGNALIZED INTERSECTION
*TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED
- BARRICADES, TYPE III



MODEL: Stg1p01_3
FILE NAME: c:\addb\p\hmb_ischaefer\greatlakes\0418963\0876171-shr-Stg1p01-04.dgn



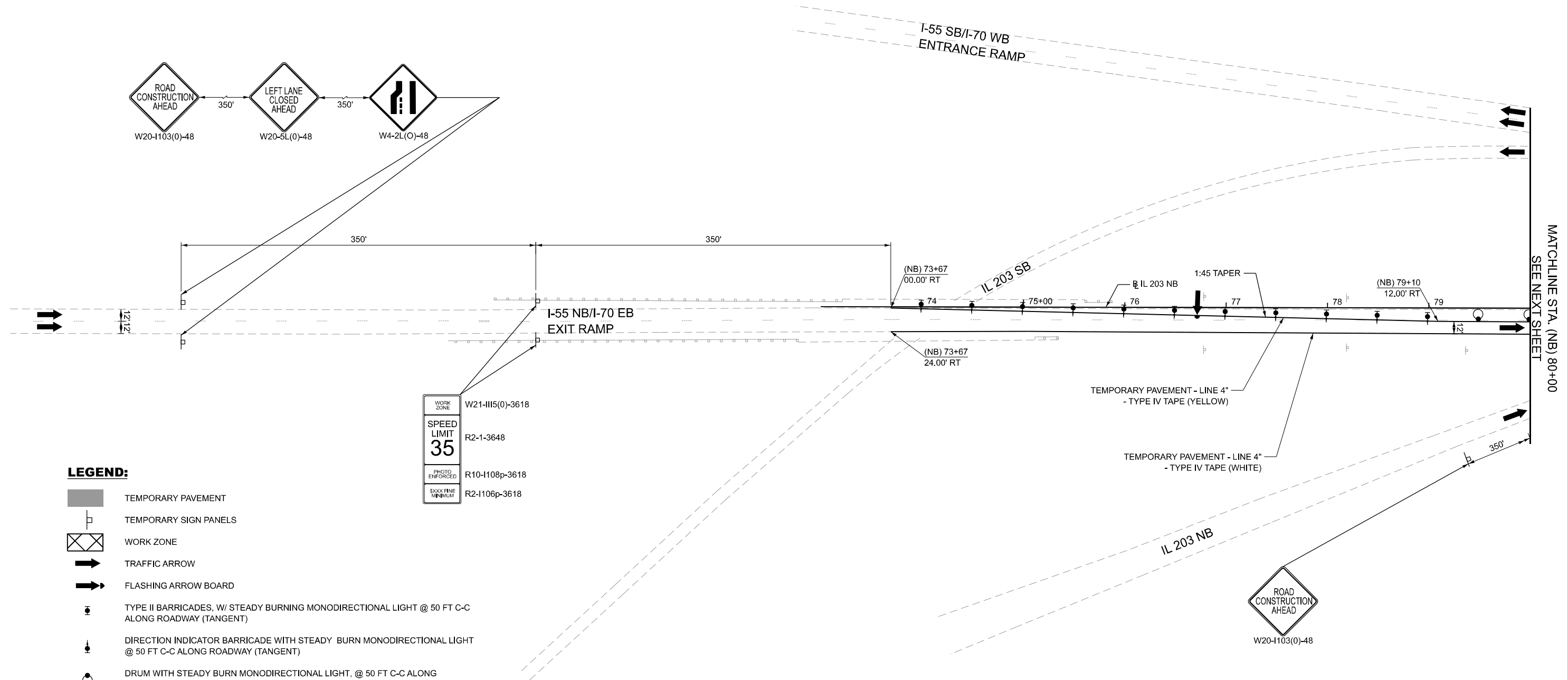
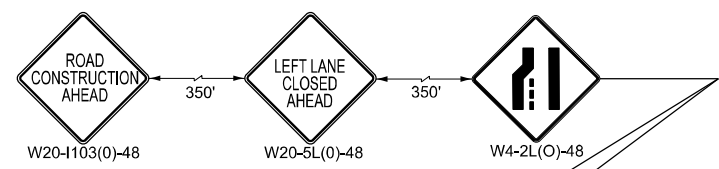
USER NAME = jschaefer	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 4/9/2025	DATE - 4/21/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1**

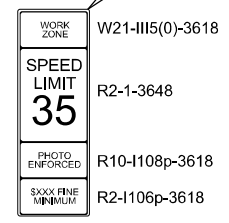
SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 110+00.00 TO STA. 125+00.00

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 44
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



LEGEND:

- TEMPORARY PAVEMENT
- TEMPORARY SIGN PANELS
- WORK ZONE
- TRAFFIC ARROW
- FLASHING ARROW BOARD
- TYPE II BARRICADES, W/ STEADY BURNING MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, @ 50 FT C-C ALONG ROADWAY (TANGENT), @ 25 FT CENTERS ALONG CROSSOVER TAPERS
- TEMPORARY IMPACT ATTENUATORS
- TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATE TEMPORARY CONCRETE BARRIER
- SIGNALIZED INTERSECTION
*TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED
- 1 BARRICADES, TYPE 3



MATCHLINE STA. (NB) 80+00
SEE NEXT SHEET

MODEL: Stage 2 - Stage 2-1
FILE NAME: c:\cadd\hntb\hntb_ischaefen\gratifikes\0418963\0876171-shy-Stage2-01.dgn



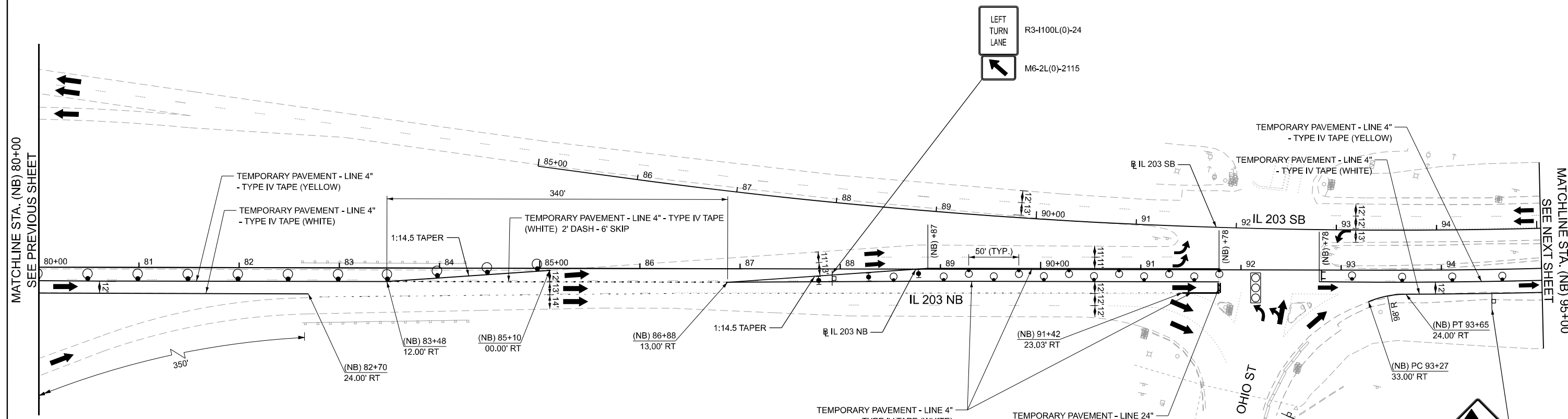
USER NAME = hregan	DESIGNED - CZ	REVISED -
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PLOT DATE = 2/27/2025	DATE - 4/21/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**













**MAINTENANCE OF TRAFFIC
STAGE 2**

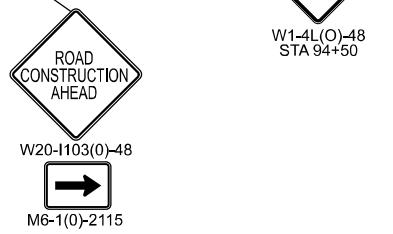
SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 65+00.00 TO STA. 80+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	45
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



LEGEND:

-  TEMPORARY PAVEMENT
-  TEMPORARY SIGN PANELS
-  WORK ZONE
-  TRAFFIC ARROW
-  FLASHING ARROW BOARD
-  TYPE II BARRICADES, W/ STEADY BURNING MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, @ 50 FT C-C ALONG ROADWAY (TANGENT), @ 25 FT CENTERS ALONG CROSSOVER TAPERS
-  TEMPORARY IMPACT ATTENUATORS
-  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATE TEMPORARY CONCRETE BARRIER
-  SIGNALIZED INTERSECTION
*TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED
-  BARRICADES, TYPE 3



MODEL: Stage 2 - Stage 2-2
 FILE NAME: c:\cadd\hntb\hntb_ischaefer\greatlakes\0418963\0876171-shr-Stage2-02.dgn



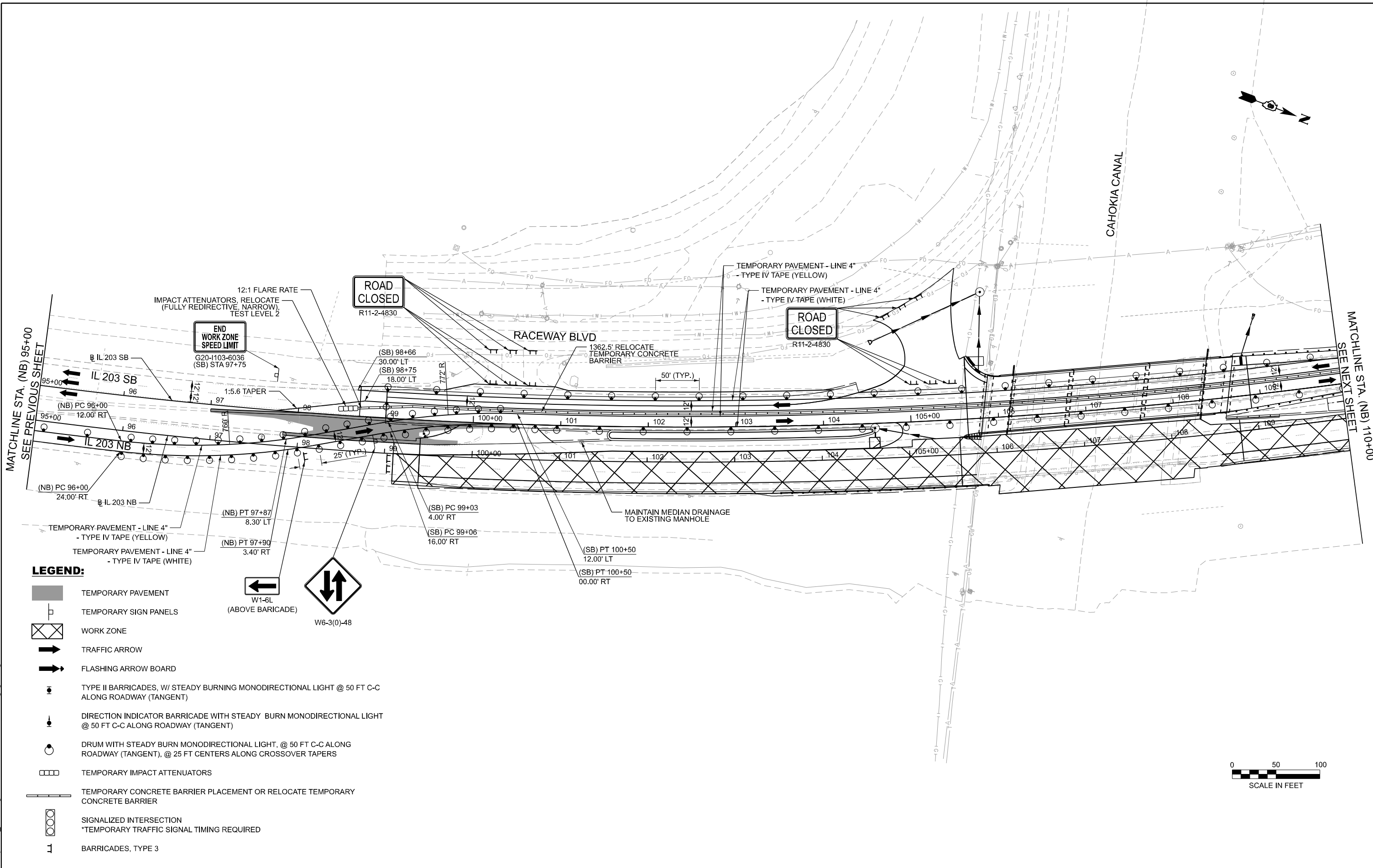
USER NAME = jschaefer	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 9/24/2024	DATE - 4/21/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**













**MAINTENANCE OF TRAFFIC
STAGE 2**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 80+00.00 TO STA. 95+00.00

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 46
CONTRACT NO. 76T17			ILLINOIS FED. AID PROJECT	



LEGEND:

-  TEMPORARY PAVEMENT
-  TEMPORARY SIGN PANELS
-  WORK ZONE
-  TRAFFIC ARROW
-  FLASHING ARROW BOARD
-  TYPE II BARRICADES, W/ STEADY BURNING MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, @ 50 FT C-C ALONG ROADWAY (TANGENT), @ 25 FT CENTERS ALONG CROSSOVER TAPERS
-  TEMPORARY IMPACT ATTENUATORS
-  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATE TEMPORARY CONCRETE BARRIER
-  SIGNALIZED INTERSECTION
*TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED
-  BARRICADES, TYPE 3



MODEL: Stage 2 - Stage 2-3
 FILE NAME: c:\cadd\hntb\hntb_ischaefer\greatlakes\0418963\0876171-shh-Stage2-03.dgn



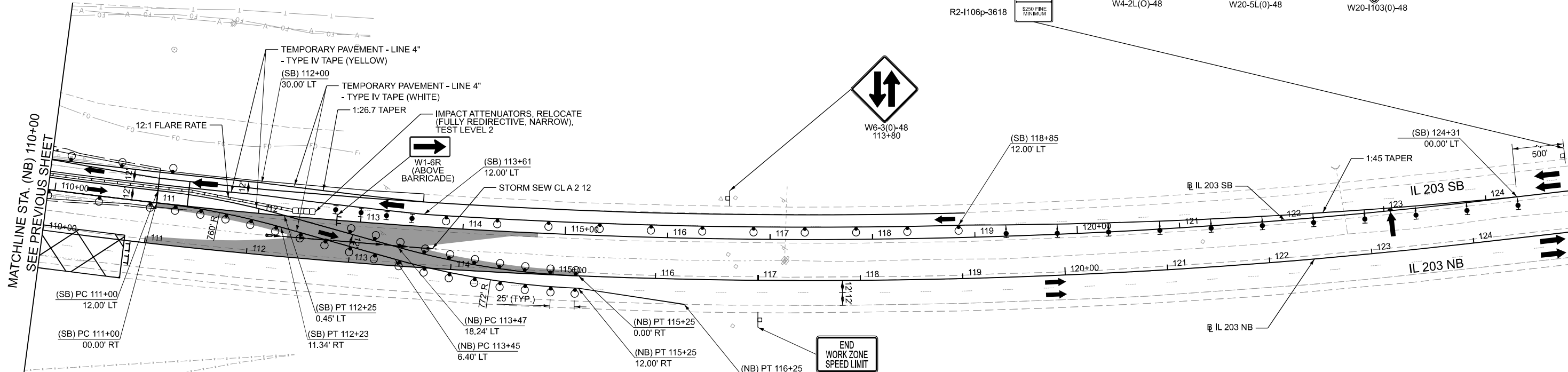
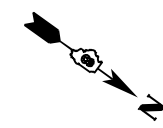
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	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 9/24/2024	DATE = 8/13/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**













**MAINTENANCE OF TRAFFIC
STAGE 2**

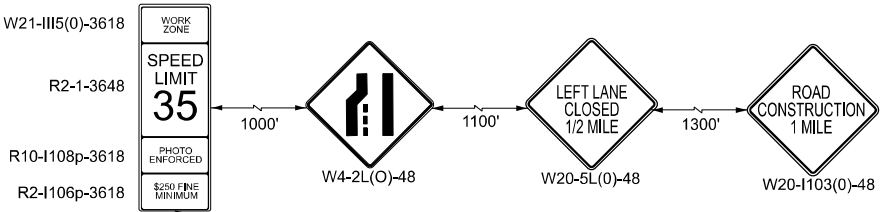
SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 95+00.00 TO STA. 110+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	47
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



LEGEND:

-  TEMPORARY PAVEMENT
-  TEMPORARY SIGN PANELS
-  WORK ZONE
-  TRAFFIC ARROW
-  FLASHING ARROW BOARD
-  TYPE II BARRICADES, W/ STEADY BURNING MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, @ 50 FT C-C ALONG ROADWAY (TANGENT), @ 25 FT CENTERS ALONG CROSSOVER TAPERS
-  TEMPORARY IMPACT ATTENUATORS
-  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATE TEMPORARY CONCRETE BARRIER
-  SIGNALIZED INTERSECTION
*TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED
-  BARRICADES, TYPE 3



MODEL: Stage 2 - Stage 2-4
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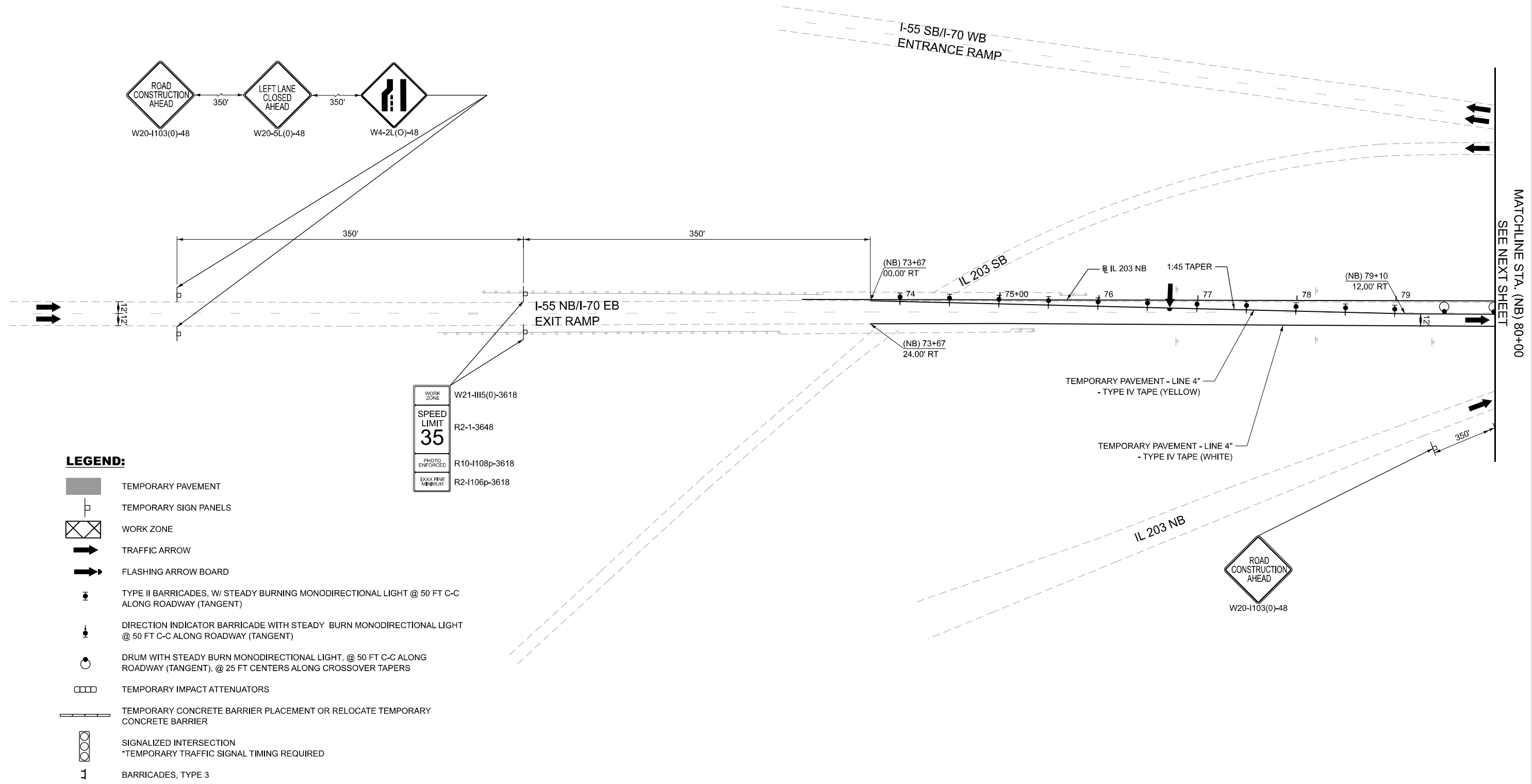
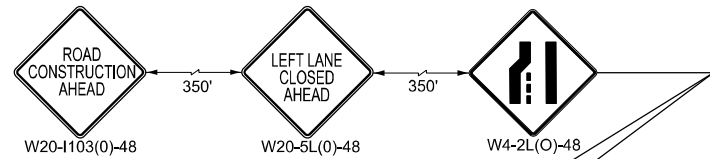
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	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 9/24/2024	DATE - 4/21/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2**

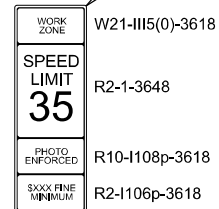
SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 110+00.00 TO STA. 125+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	48
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



LEGEND:

- TEMPORARY PAVEMENT
- TEMPORARY SIGN PANELS
- WORK ZONE
- TRAFFIC ARROW
- FLASHING ARROW BOARD
- TYPE II BARRICADES, W/ STEADY BURNING MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, @ 50 FT C-C ALONG ROADWAY (TANGENT), @ 25 FT CENTERS ALONG CROSSOVER TAPERS
- TEMPORARY IMPACT ATTENUATORS
- TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATE TEMPORARY CONCRETE BARRIER
- SIGNALIZED INTERSECTION
*TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED
- BARRICADES, TYPE 3



MODEL: Stage 3 - Stage 3-1
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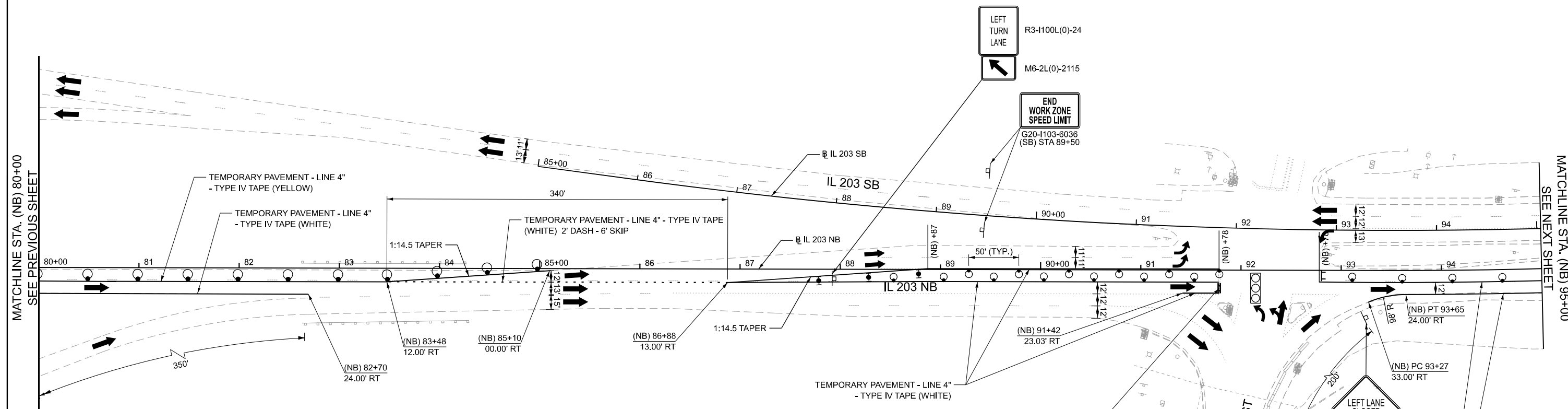
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PLOT DATE = 4/9/2025	DATE - 4/21/2025	REVISED -













**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 0+00.00 TO STA. 0+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	49
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



-  TEMPORARY PAVEMENT
-  TEMPORARY SIGN PANELS
-  WORK ZONE
-  TRAFFIC ARROW
-  FLASHING ARROW BOARD
-  TYPE II BARRICADES, W/ STEADY BURNING MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, @ 50 FT C-C ALONG ROADWAY (TANGENT), @ 25 FT CENTERS ALONG CROSSOVER TAPERS
-  TEMPORARY IMPACT ATTENUATORS
-  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATE TEMPORARY CONCRETE BARRIER
-  SIGNALIZED INTERSECTION
*TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED
-  BARRICADES, TYPE 3



MODEL: Stage 3 - Stage 3-2
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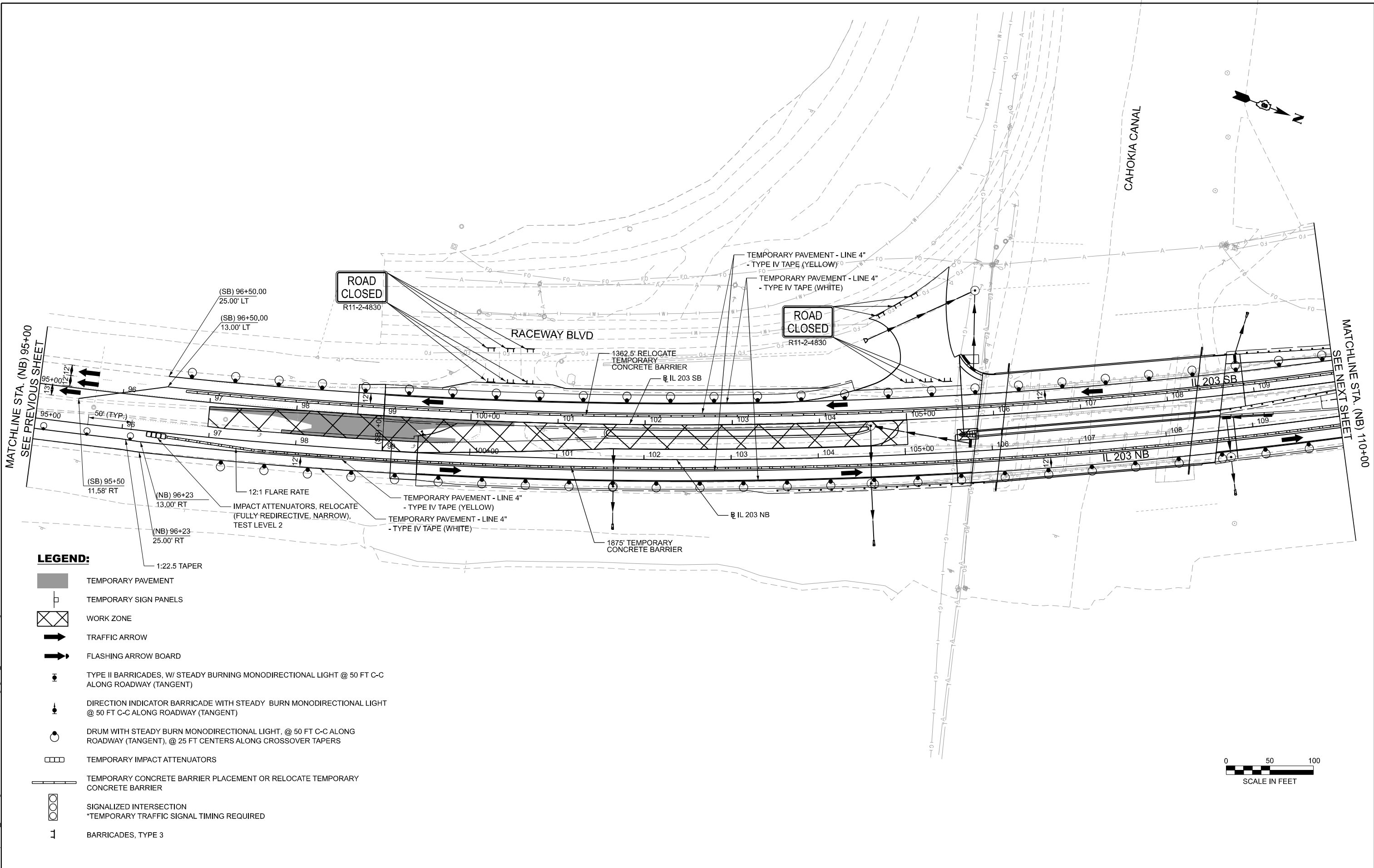
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	CHECKED - HER	REVISED -
PLOT DATE = 9/24/2024	DATE - 4/21/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**













**MAINTENANCE OF TRAFFIC
STAGE 3**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 80+00.00 TO STA. 95+00.00

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 50
CONTRACT NO. 76T17			ILLINOIS FED. AID PROJECT	



LEGEND:

-  TEMPORARY PAVEMENT
-  TEMPORARY SIGN PANELS
-  WORK ZONE
-  TRAFFIC ARROW
-  FLASHING ARROW BOARD
-  TYPE II BARRICADES, W/ STEADY BURNING MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, @ 50 FT C-C ALONG ROADWAY (TANGENT), @ 25 FT CENTERS ALONG CROSSOVER TAPERS
-  TEMPORARY IMPACT ATTENUATORS
-  TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATE TEMPORARY CONCRETE BARRIER
-  SIGNALIZED INTERSECTION
*TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED
-  BARRICADES, TYPE 3



MODEL: Stage 3 - Stage 3-3
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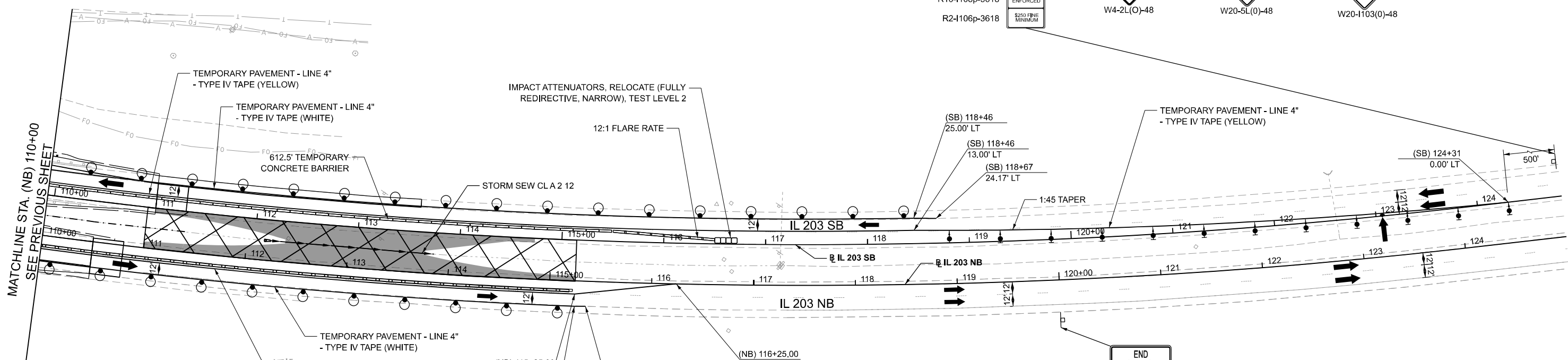
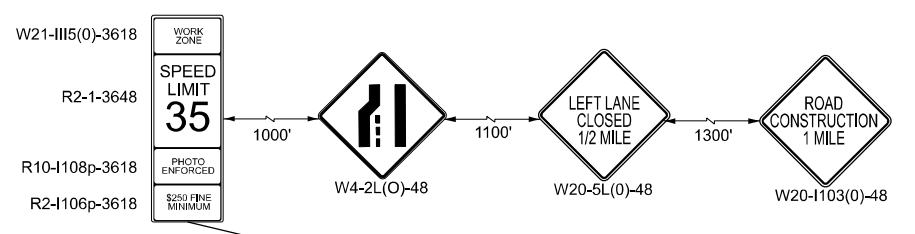
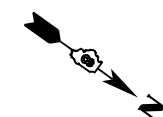
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	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/4/2025	DATE - 8/13/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 95+00.00 TO STA. 110+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	51
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



LEGEND:

- TEMPORARY PAVEMENT
- TEMPORARY SIGN PANELS
- WORK ZONE
- TRAFFIC ARROW
- FLASHING ARROW BOARD
- TYPE II BARRICADES, W/ STEADY BURNING MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50 FT C-C ALONG ROADWAY (TANGENT)
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, @ 50 FT C-C ALONG ROADWAY (TANGENT), @ 25 FT CENTERS ALONG CROSSOVER TAPERS
- TEMPORARY IMPACT ATTENUATORS
- TEMPORARY CONCRETE BARRIER PLACEMENT OR RELOCATE TEMPORARY CONCRETE BARRIER
- SIGNALIZED INTERSECTION
*TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED
- BARRICADES, TYPE 3



MODEL: Stage 3 - Stage 3-4
FILE NAME: c:\cadd\hntb\hntb_ischaefer\greatlakes\0418963\0876171-shl-Stage03-04.dgn



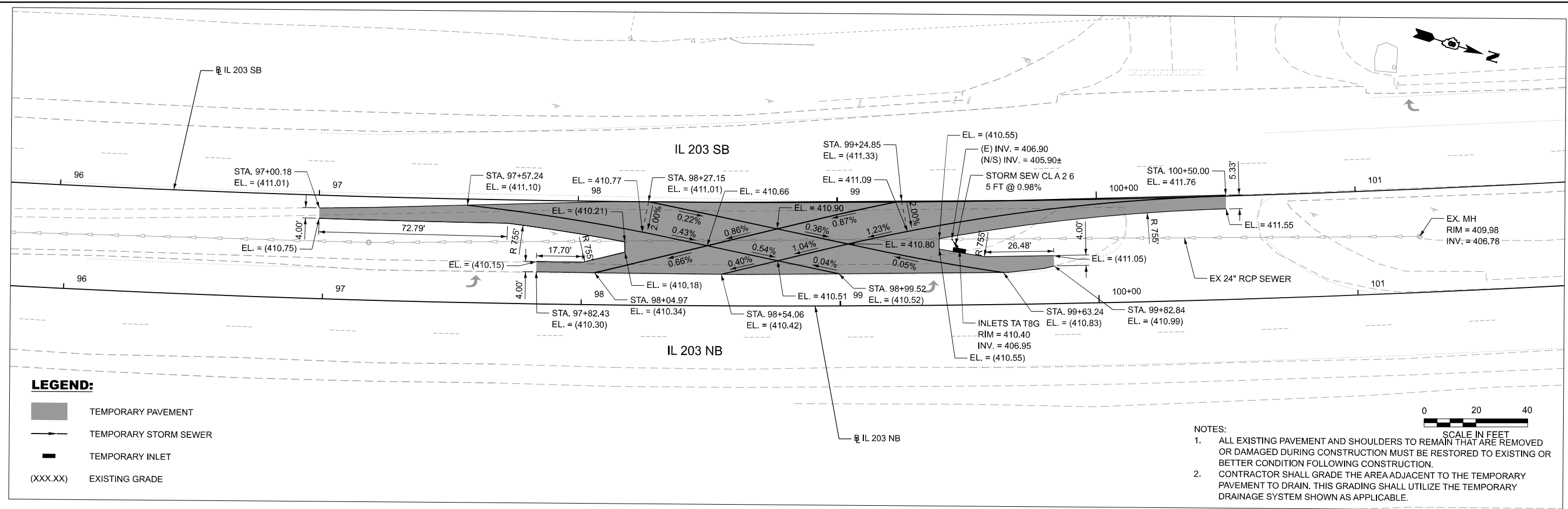
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PLOT DATE = 9/24/2024	DATE - 4/21/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3**

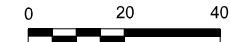
SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 110+00.00 TO STA. 125+00.00

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 52
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

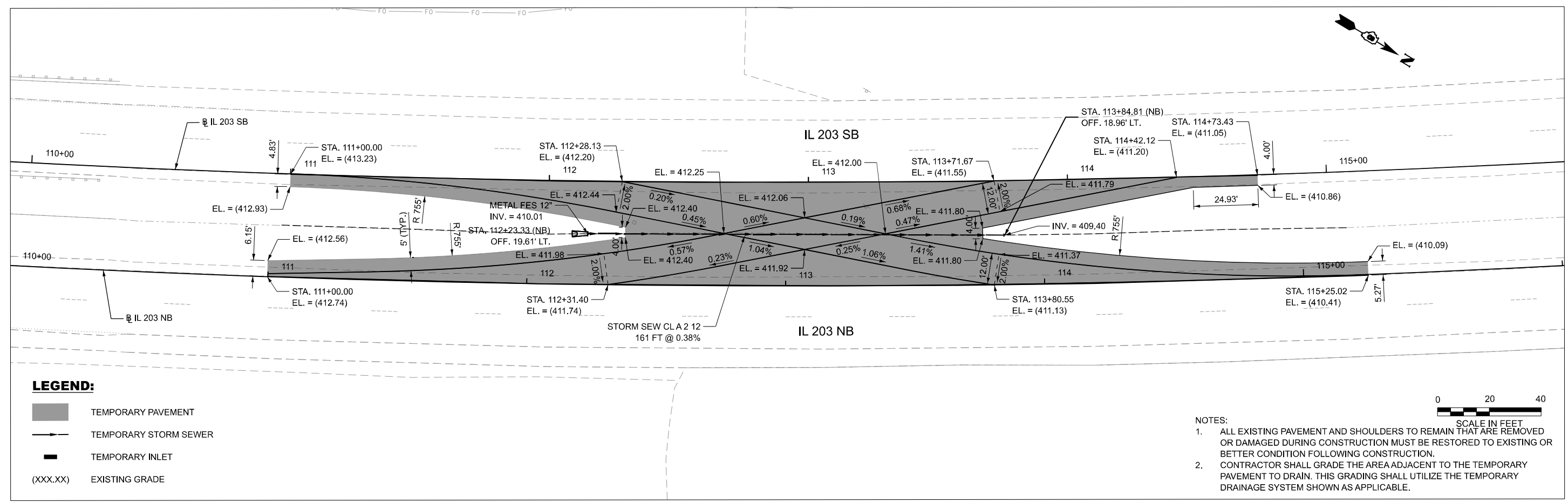


LEGEND:

- TEMPORARY PAVEMENT
- TEMPORARY STORM SEWER
- TEMPORARY INLET
- (XXX.XX) EXISTING GRADE



- NOTES:**
- ALL EXISTING PAVEMENT AND SHOULDERS TO REMAIN THAT ARE REMOVED OR DAMAGED DURING CONSTRUCTION MUST BE RESTORED TO EXISTING OR BETTER CONDITION FOLLOWING CONSTRUCTION.
 - CONTRACTOR SHALL GRADE THE AREA ADJACENT TO THE TEMPORARY PAVEMENT TO DRAIN. THIS GRADING SHALL UTILIZE THE TEMPORARY DRAINAGE SYSTEM SHOWN AS APPLICABLE.



LEGEND:

- TEMPORARY PAVEMENT
- TEMPORARY STORM SEWER
- TEMPORARY INLET
- (XXX.XX) EXISTING GRADE



- NOTES:**
- ALL EXISTING PAVEMENT AND SHOULDERS TO REMAIN THAT ARE REMOVED OR DAMAGED DURING CONSTRUCTION MUST BE RESTORED TO EXISTING OR BETTER CONDITION FOLLOWING CONSTRUCTION.
 - CONTRACTOR SHALL GRADE THE AREA ADJACENT TO THE TEMPORARY PAVEMENT TO DRAIN. THIS GRADING SHALL UTILIZE THE TEMPORARY DRAINAGE SYSTEM SHOWN AS APPLICABLE.

MODEL: 2023NBPGL - Plan 1 (Sheet)
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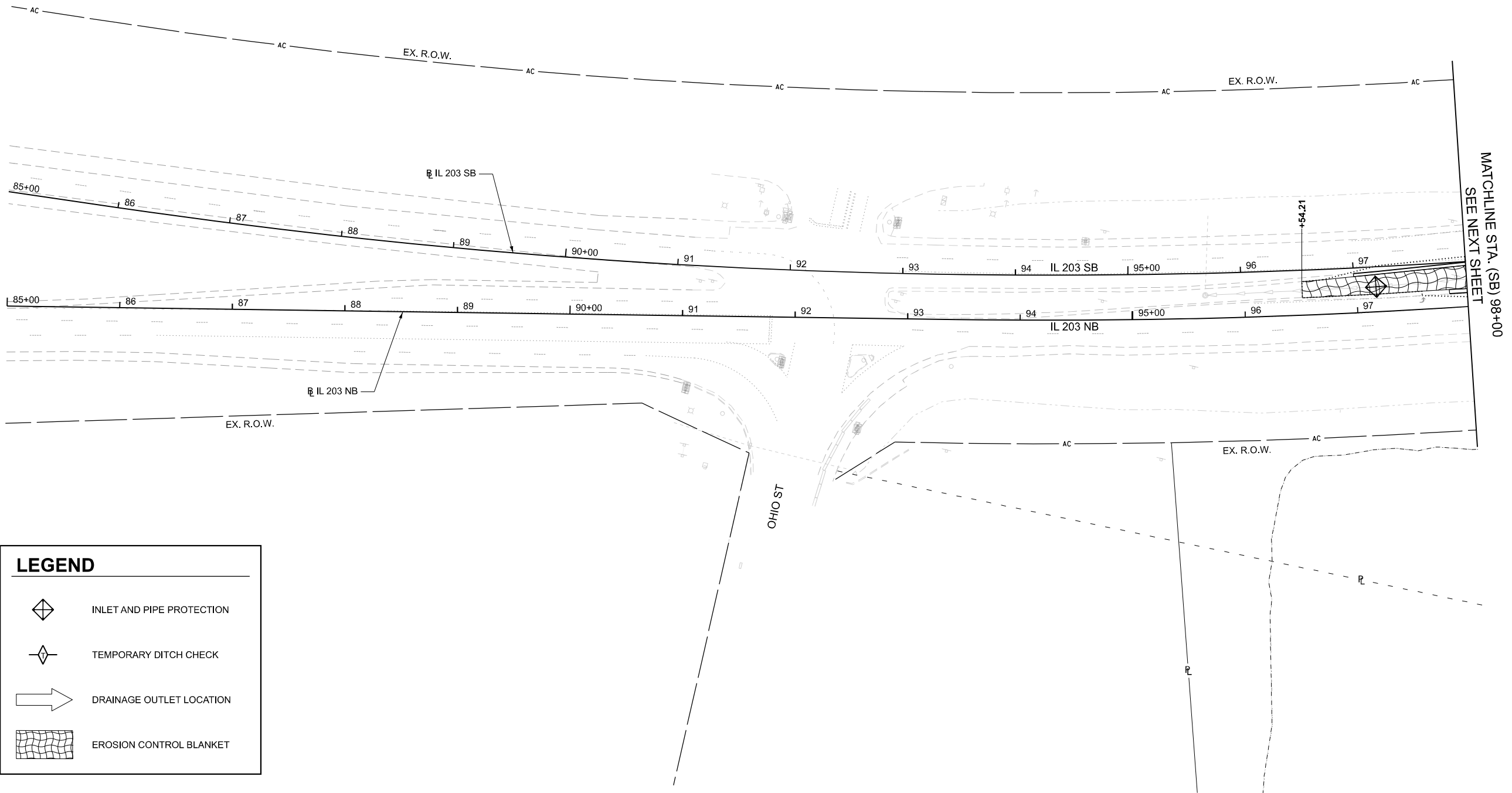
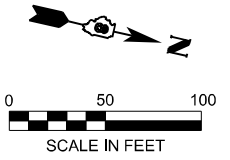
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	CHECKED - HER	REVISED -
PLOT DATE = 4/9/2025	DATE - 4/21/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
CROSSOVER DETAIL**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 95+79.49 TO STA. 116+00.77

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 53
CONTRACT NO. 76T17			ILLINOIS FED. AID PROJECT	



MATCHLINE STA. (SB) 98+00
SEE NEXT SHEET

LEGEND	
	INLET AND PIPE PROTECTION
	TEMPORARY DITCH CHECK
	DRAINAGE OUTLET LOCATION
	EROSION CONTROL BLANKET

MODEL: Contract 2 - Erosion Control - Erosion 1
FILE NAME: c:\cadd\ibp\hmb_b\lake_young\greatlakes\0418963\08761717-shr-eros-01.dgn



USER NAME = byoung	DESIGNED - JM	REVISED -
	DRAWN - BY	REVISED -
	CHECKED - JM	REVISED -
PLOT DATE = 4/10/2025	DATE - 4/21/2025	REVISED -



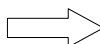
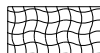
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

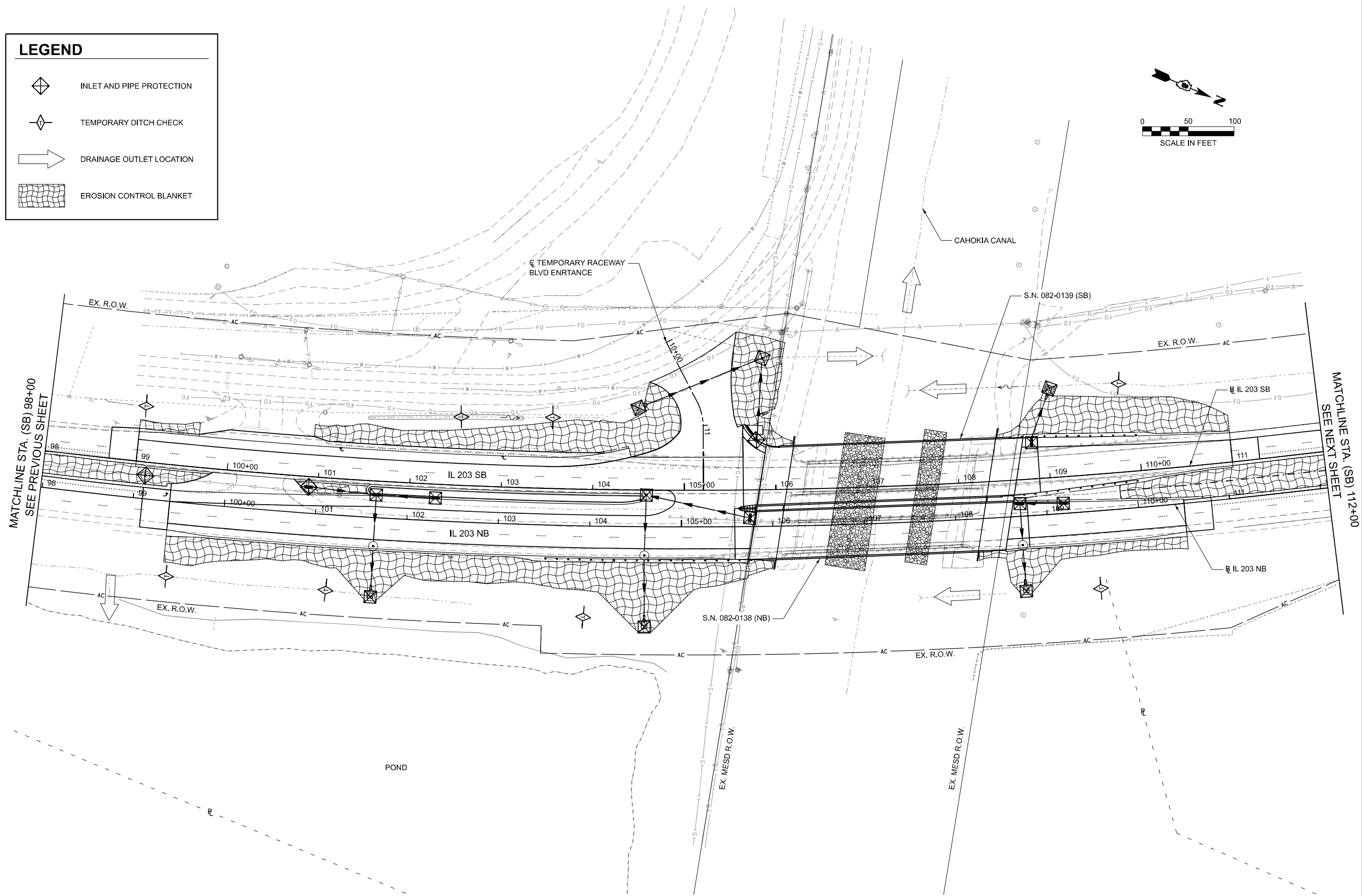
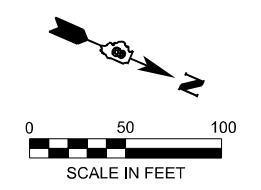
IL 203 EROSION CONTROL PLANS

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 85+01.88 TO STA. 98+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	54
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

LEGEND

-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK
-  DRAINAGE OUTLET LOCATION
-  EROSION CONTROL BLANKET



MODEL: Contract 2 - Erosion Control - EC - Plan 3
 FILE NAME: c:\cadd\p\hmb_ischafer\graffakes\0418963\08761717\shl-eros-03.dgn



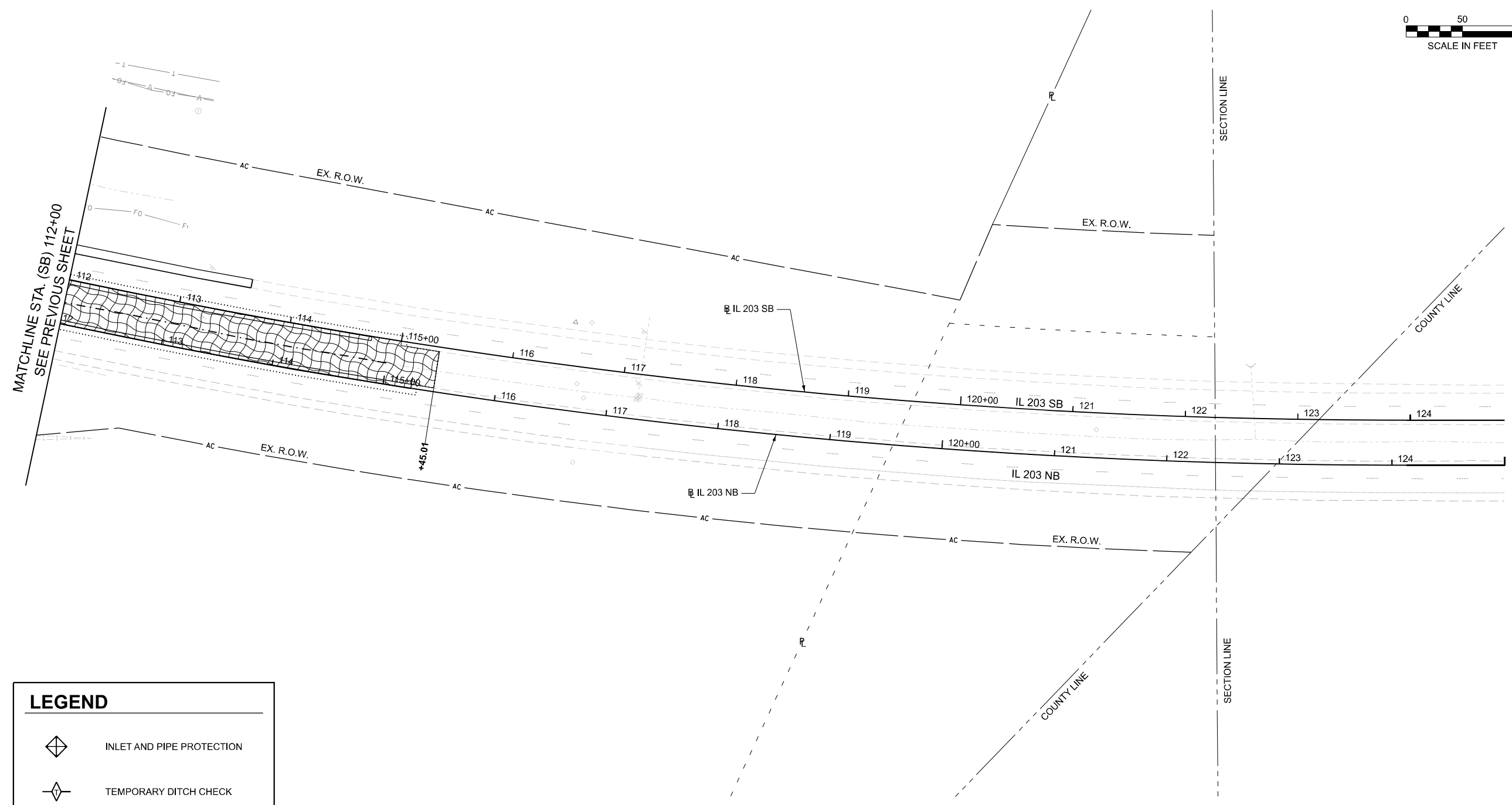
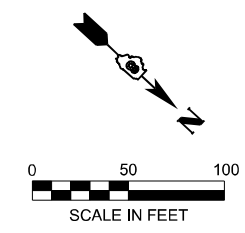
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	DRAWN - BY	REVISED -
	CHECKED - JM	REVISED -
PLOT DATE = 4/1/2025	DATE = 4/21/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 203 EROSION CONTROL PLANS

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 98+00.00 TO STA. 112+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	55
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



LEGEND	
	INLET AND PIPE PROTECTION
	TEMPORARY DITCH CHECK
	DRAINAGE OUTLET LOCATION
	EROSION CONTROL BLANKET

MODEL: Contract 2 - Erosion Control - Erosion 2
 FILE NAME: c:\cadd\ibp\hmb_blake.young\greatlakes\0418963\08761717-shr-eros-02.dgn



USER NAME = byoung	DESIGNED - JM	REVISED -
	DRAWN - BY	REVISED -
	CHECKED - JM	REVISED -
PLOT DATE = 4/17/2025	DATE - 4/21/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 203 EROSION CONTROL PLANS

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 112+00.00 TO STA. 124+83.50

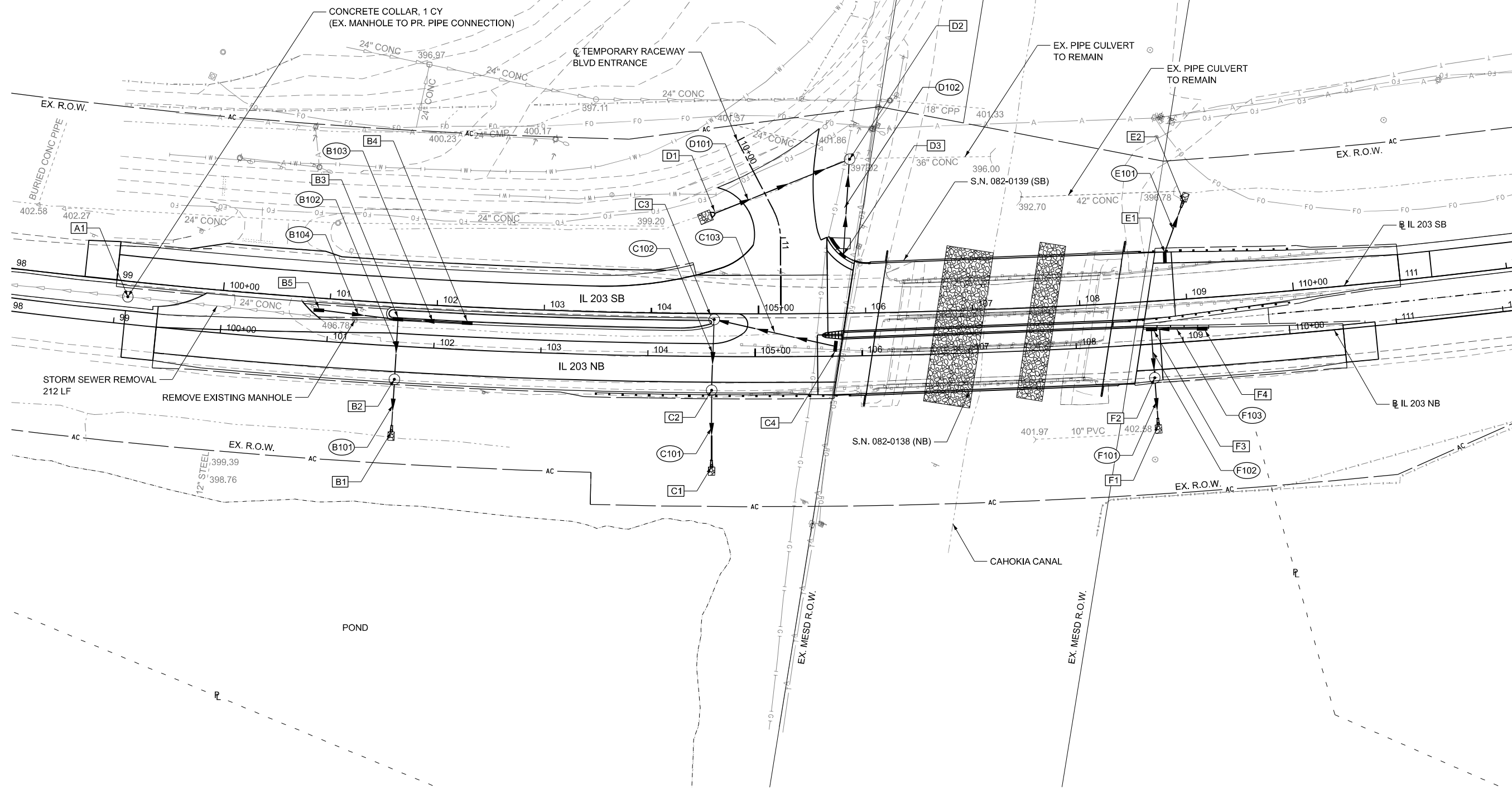
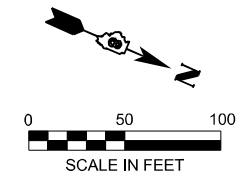
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	56
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

LEGEND

- (AXXX) PIPE SEGMENT NO.
- (BXX) STRUCTURE NO.

NOTES:

1. SEE DRAINAGE SCHEDULES FOR STRUCTURE AND PIPE INFORMATION.
2. THE CONTRACTOR SHALL ADJUST THE LOCATION OF DRAINAGE STRUCTURES AND PIPES AS NECESSARY TO AVOID CONFLICT WITH PROPOSED GUARDRAIL POST SPACING.



MODEL: Contract 2 - Drainage - Drain IL 203
 FILE NAME: c:\cadd\hwy\hmb_ischaefel\greatlakes\0418859\0876171-shl-drain-03.dgn



USER NAME = byoung	DESIGNED - JM	REVISED -
	DRAWN - BY	REVISED -
	CHECKED - JM	REVISED -
PLOT DATE = 8/6/2025	DATE - 8/13/2025	REVISED -

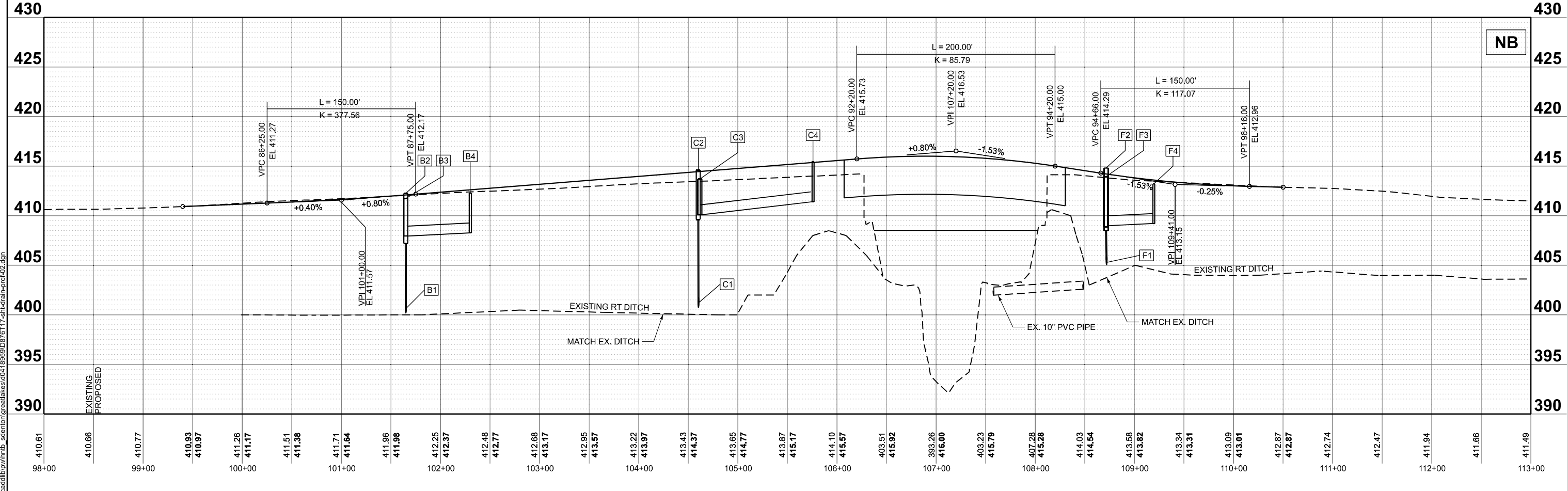
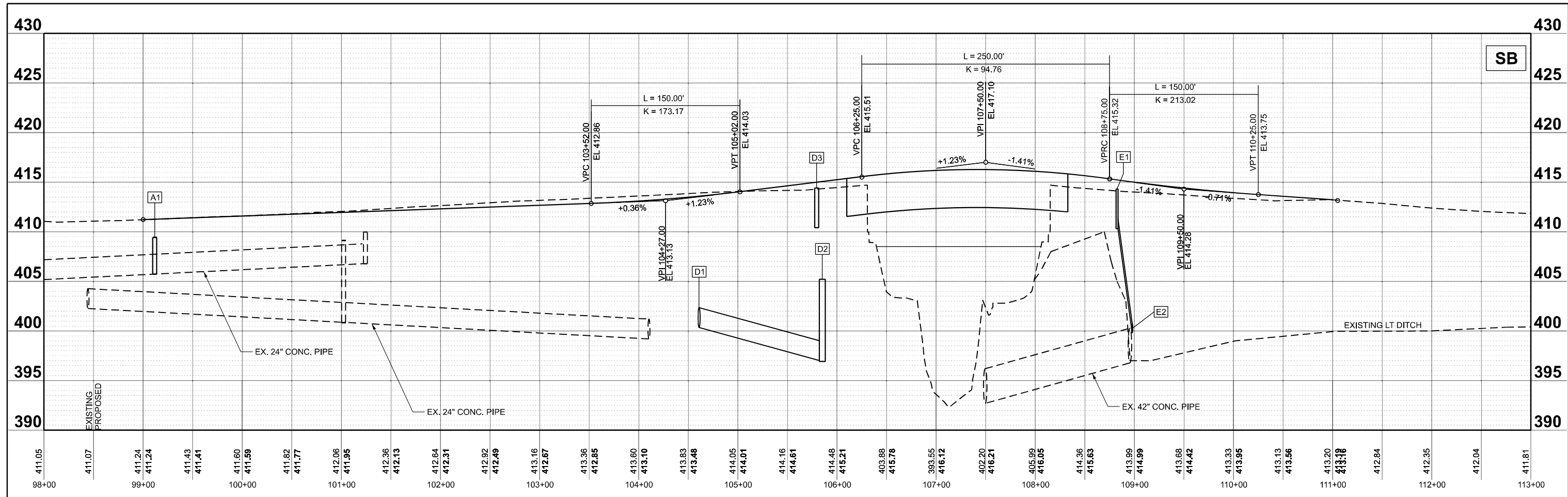
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 203 PROPOSED DRAINAGE PLAN

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 98+03.99 TO STA. 112+13.72

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 57
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

MODEL: Contract 2 - IL 203 Drainage Profile - Prof - IL 203
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USER NAME = sdenon
 PLOT DATE = 4/21/2025

DESIGNED - JM
 DRAWN - BY
 CHECKED - JM
 DATE - 4/21/2025

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 203 PROPOSED DRAINAGE PROFILE

SCALE: 1"=50'
 SHEET 1 OF 1 SHEETS
 STA. 98+00.00 TO STA. 113+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	58
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

DRAINAGE STRUCTURE SCHEDULE

STRUCT. NO.	STATION	OFFSET	ROADWAY	DESCRIPTION	RIM EL.	INVERT ELEVATION		
A1	99+11.68	15.42'	RT SB	MANHOLE, TYPE A, 4' DIAMETER, TYPE 8 GRATE	409.43	405.75 (N)	405.73 (S)	
B1	101+65.01	77.89'	RT NB	METAL FLARED END SECTION, 12"		400.57 (W)		
B2	101+64.95	32.20'	RT NB	MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	412.24	406.04 (E)	406.14 (W)	
B3	101+65.02	26.59'	LT NB	MANHOLE, TYPE A, 4' DIAMETER, TYPE 6 FRAME AND GRATE	411.75	406.80 (N)	406.36 (E)	406.46 (S)
B4	102+30.00	26.58'	LT NB	INLET, TYPE A, TYPE 6 FRAME AND GRATE	412.27	408.27 (S)		
B5	100+90.34	28.74'	LT NB	INLET, TYPE A, TYPE 8 GRATE	410.79	406.79 (N)		
C1	104+60.12	97.43'	RT NB	METAL FLARED END SECTION, 12"		401.16 (W)		
C2	104+59.98	32.47'	RT NB	MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	414.63	408.76 (E)	408.86 (W)	
C3	104+61.61	34.63'	LT NB	MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	413.69	409.25 (N)	409.15 (E)	
C4	105+75.78	14.33'	LT NB	SHOULDER INLET WITH CURB, STANDARD 610001-09, TYPE F	415.21	411.21 (S)		
D1	104+58.46	93.70'	LT SB	METAL FLARED END SECTION, 24"		400.35 (NW)		
D2	105+85.13	144.36'	LT SB	MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, OPEN LID	405.22	396.94 (NW)	397.22 (E)	397.02 (SE)
D3	105+79.44	54.38'	LT SB	INLET, TYPE A, TYPE 3 FRAME AND GRATE	414.41	410.41 (W)		
E1	108+82.42	44.56'	LT SB	SHOULDER INLET WITH CURB, STANDARD 610001-09, TYPE F	414.31	410.31 (W)		
E2	108+97.65	94.35'	LT SB	METAL FLARED END SECTION, 12"		399.80 (E)		
F1	108+71.82	71.15'	RT NB	METAL FLARED END SECTION, 12"		404.34 (W)		
F2	108+71.39	32.50'	RT NB	MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	414.81	408.47 (E)	408.67 (W)	
F3	108+71.06	13.24'	LT NB	MANHOLE, TYPE A, 4' DIAMETER, TYPE 20 FRAME AND GRATE	413.90	408.97 (N)	408.87 (E)	
F4	109+18.47	11.56'	LT NB	INLET, TYPE A, TYPE 20 FRAME AND GRATE	413.19	409.19 (S)		

MODEL: Schedule-2 (Sheet)
 FILE NAME: c:\cadd\ibp\hmb_blake_young\greatlakes\0418959\0876T17-shft-drain-schedule-01.dgn



USER NAME = jschaefer	DESIGNED - JM	REVISED -
	DRAWN - BY	REVISED -
	CHECKED - JM	REVISED -
PLOT DATE = 8/12/2025	DATE - 8/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 203
DRAINAGE SCHEDULES

SCALE: N/A SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	59
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

DRAINAGE STRUCTURE SUMMARY SCHEDULE

STRUCT. NO.	STATION	OFFSET	ROADWAY	METAL FLARED END SECTIONS		MANHOLES, TYPE A						INLETS				SHOULDER INLET WITH CURB, STANDARD 610001-09, TYPE F
						4'-DIAMETER			6'-DIAMETER			TYPE A				
						TYPE 1 FRAME, OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 6 FRAME AND GRATE	TYPE 8 GRATE	TYPE 20 FRAME AND GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME AND GRATE	TYPE 6 FRAME AND GRATE	TYPE 8 GRATE	TYPE 20 FRAME AND GRATE	
				12"	24"	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	
A1	99+11.68	15.42'	RT	SB					1							
B1	101+65.01	77.89'	RT	NB	1											
B2	101+64.95	32.20'	RT	NB			1									
B3	101+65.02	26.59'	LT	NB				1								
B4	102+30.00	26.58'	LT	NB								1				
B5	100+90.34	28.74'	LT	NB									1			
C1	104+60.12	97.43'	RT	NB	1											
C2	104+59.98	32.47'	RT	NB			1									
C3	104+61.61	34.63'	LT	NB			1									
C4	105+75.78	14.33'	LT	NB												1
D1	104+58.46	93.70'	LT	SB			1									
D2	105+85.13	144.36'	LT	SB							1					
D3	105+79.44	54.38'	LT	SB								1				
E1	108+82.42	44.56'	LT	SB												1
E2	108+97.65	94.35'	LT	SB	1											
F1	108+71.82	71.15'	RT	NB	1											
F2	108+71.39	32.50'	RT	NB			1									
F3	108+71.06	13.24'	LT	NB						1						
F4	109+18.47	11.56'	LT	NB											1	
					4	1	1	3	1	1	1	1	1	1	1	2

MODEL: Schedule-1 (Sheet)
 FILE NAME: c:\cadd\ibp\w\hmb_ischaefer\greatlakes\0418659\087617-shit-drain-schedule-03.dgn



USER NAME = jschaefer	DESIGNED - JM	REVISED -
	DRAWN - BY	REVISED -
	CHECKED - JM	REVISED -
PLOT DATE = 8/12/2025	DATE - 8/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 203
DRAINAGE SCHEDULES

SCALE: N/A SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	60
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

STORM SEWER PIPE SCHEDULE

REACH		PIPE SEGMENT	PIPE SIZE (IN.)	PIPE CLASS / TYPE	APPROXIMATE LENGTH (FT.)	SLOPE (%)	STORM SEWERS CLASS A, TYPE I 12"	PIPE DRAINS, CORRUGATED STEEL 12"	TEMPORARY STORM SEWER 24"	TRENCH BACKFILL
FROM	TO						(FOOT)	(FOOT)	(FOOT)	(CU YD)
B1	B2	B101	12	PIPE DRAIN	41.0	13.30		41.0		2.3
B2	B3	B102	12	CLASS A, TYPE I	53.7	0.45	53.7			39.6
B3	B4	B103	12	CLASS A, TYPE I	61.7	2.38	61.7			23.4
B5	B3	B104	12	CLASS A, TYPE I	71.4	0.46	71.4			4.1
C1	C2	C101	12	PIPE DRAIN	63.5	11.97		63.5		1.6
C2	C3	C102	12	CLASS A, TYPE I	63.0	0.46	63.0			23.4
C3	C4	C103	12	CLASS A, TYPE I	111.8	1.75	111.8			32.8
D1	D2	D101	24	CLASS D, TYPE I	133.1	2.50			133.1	0.0
D2	D3	D102	12	PIPE DRAIN	86.8	15.20		86.8		5.0
E1	E2	E101	12	PIPE DRAIN	44.0	23.88		44.0		0.5
F1	F2	F101	12	PIPE DRAIN	35.9	11.51		35.9		2.5
F2	F3	F102	12	CLASS A, TYPE I	40.7	0.49	40.7			29.4
F3	F4	F103	12	CLASS A, TYPE I	44.3	0.50	44.3			15.4
NOTE: THERE IS 11.0 CU YD OF TRENCH BACKFILL FOR THE STORM SEWER REMOVAL FROM STA. 99+10.78 TO STA. 101+24.76 (USING IL 203 NB ALIGNMENT)										
							447	271	133	180

MODEL: Schedule-1 (Sheet)
FILE NAME: c:\cadd\ibp\hmb_ischaefec\greatlakes\0418559\0876T17-shr-drain-schedule-05.dgn



USER NAME = byoung	DESIGNED - JM	REVISED -
	DRAWN - BY	REVISED -
	CHECKED - JM	REVISED -
PLOT DATE = 8/6/2025	DATE - 8/13/2025	REVISED -

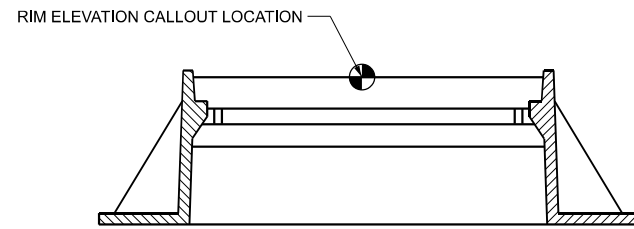
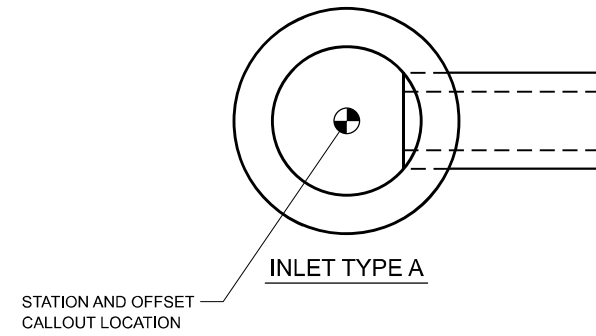
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 203
DRAINAGE SCHEDULES**

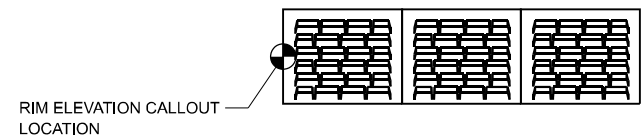
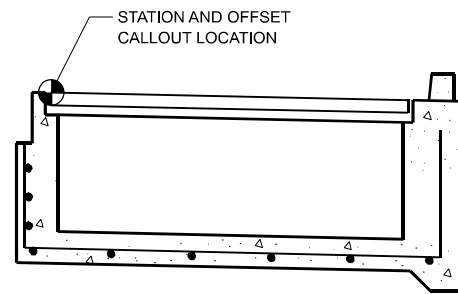
SCALE: N/A SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	61
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

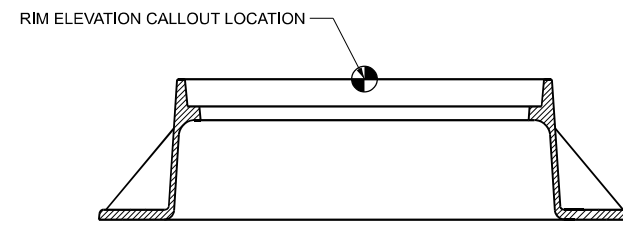
STRUCTURE STATION / OFFSET LOCATION



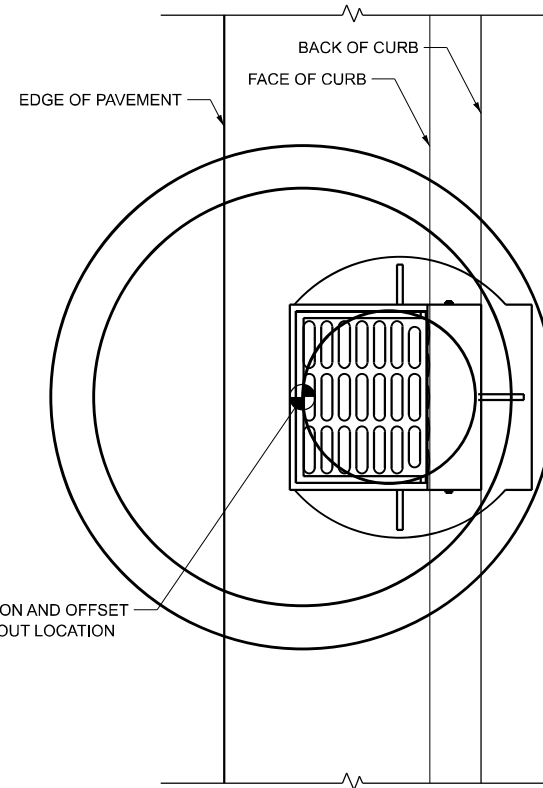
FRAME AND GRATE TYPE 20



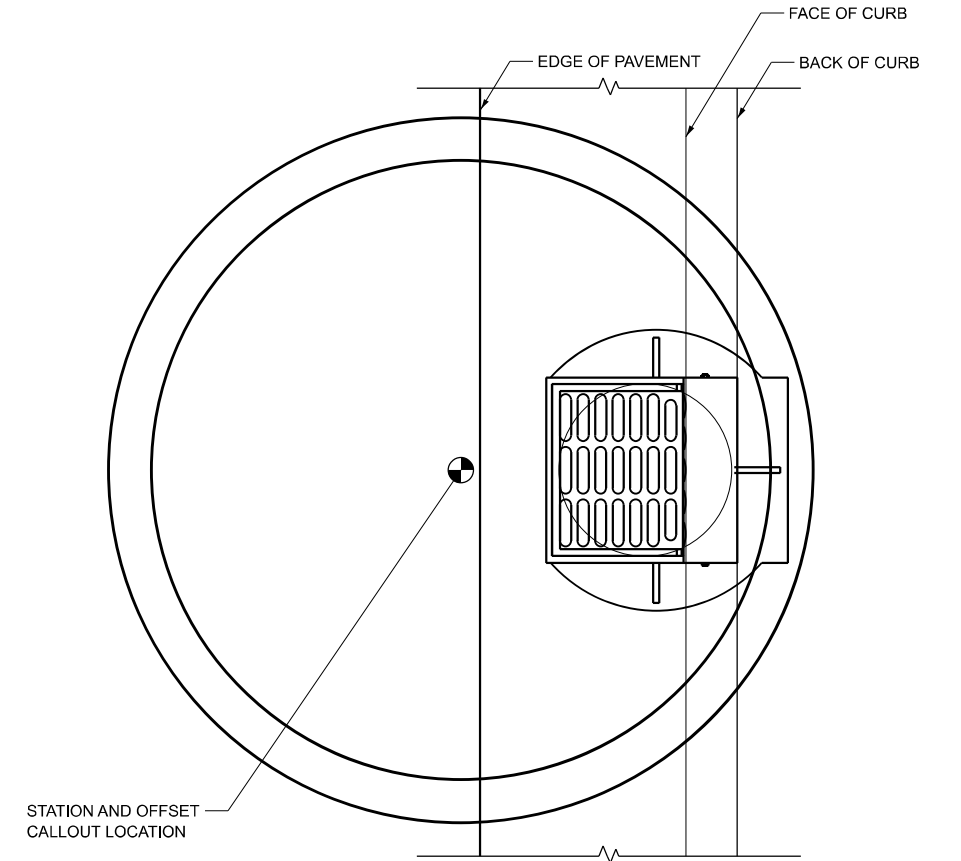
SHOULDER INLET WITH CURB



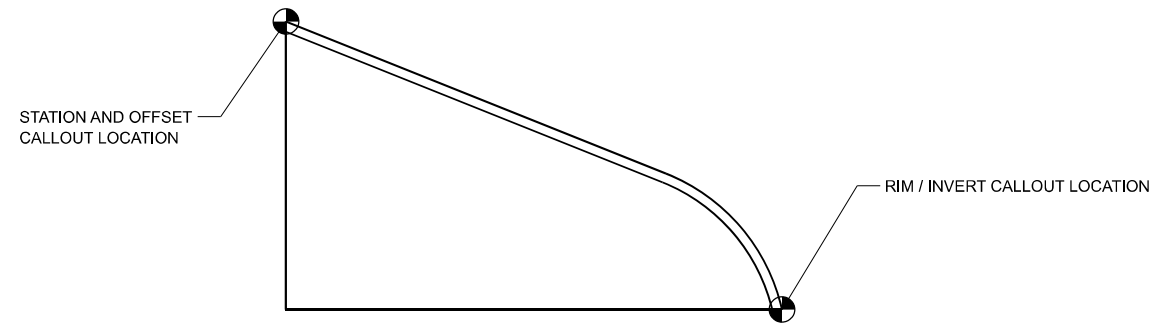
FRAME AND LID TYPE 1



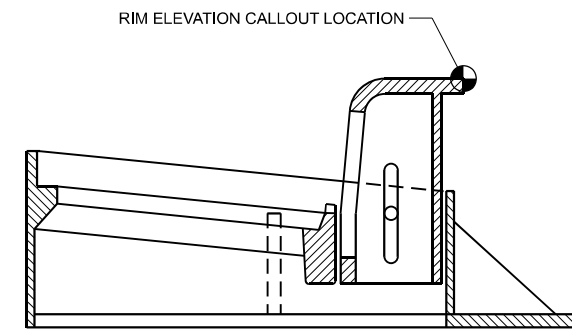
PRECAST MANHOLE, 4' DIAMETER, TYPE A



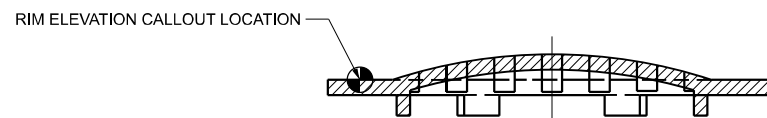
PRECAST MANHOLE, 6' DIAMETER, TYPE A



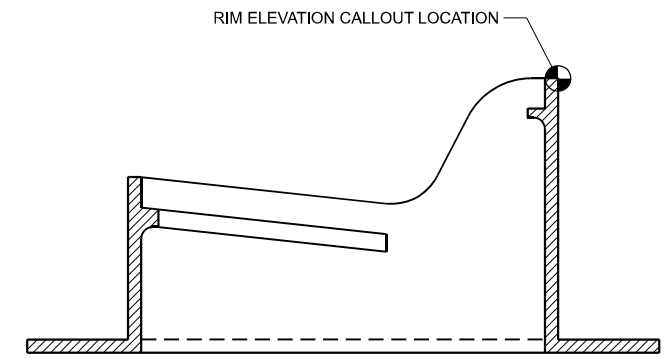
METAL FLARED END SECTION



FRAME AND GRATE TYPE 3



GRATE TYPE 8



FRAME AND GRATE TYPE 6

NOTE:

1. ALL INLET FRAME AND GRATE ELEVATIONS SHALL BE BASED OFF THE BACK OF CURB.

MODEL: Detail (Sheet)
FILE NAME: c:\cadd\ib\p\hmb_b\lake_young\greatlakes\00418959\087617-shr-train-details-01.dgn



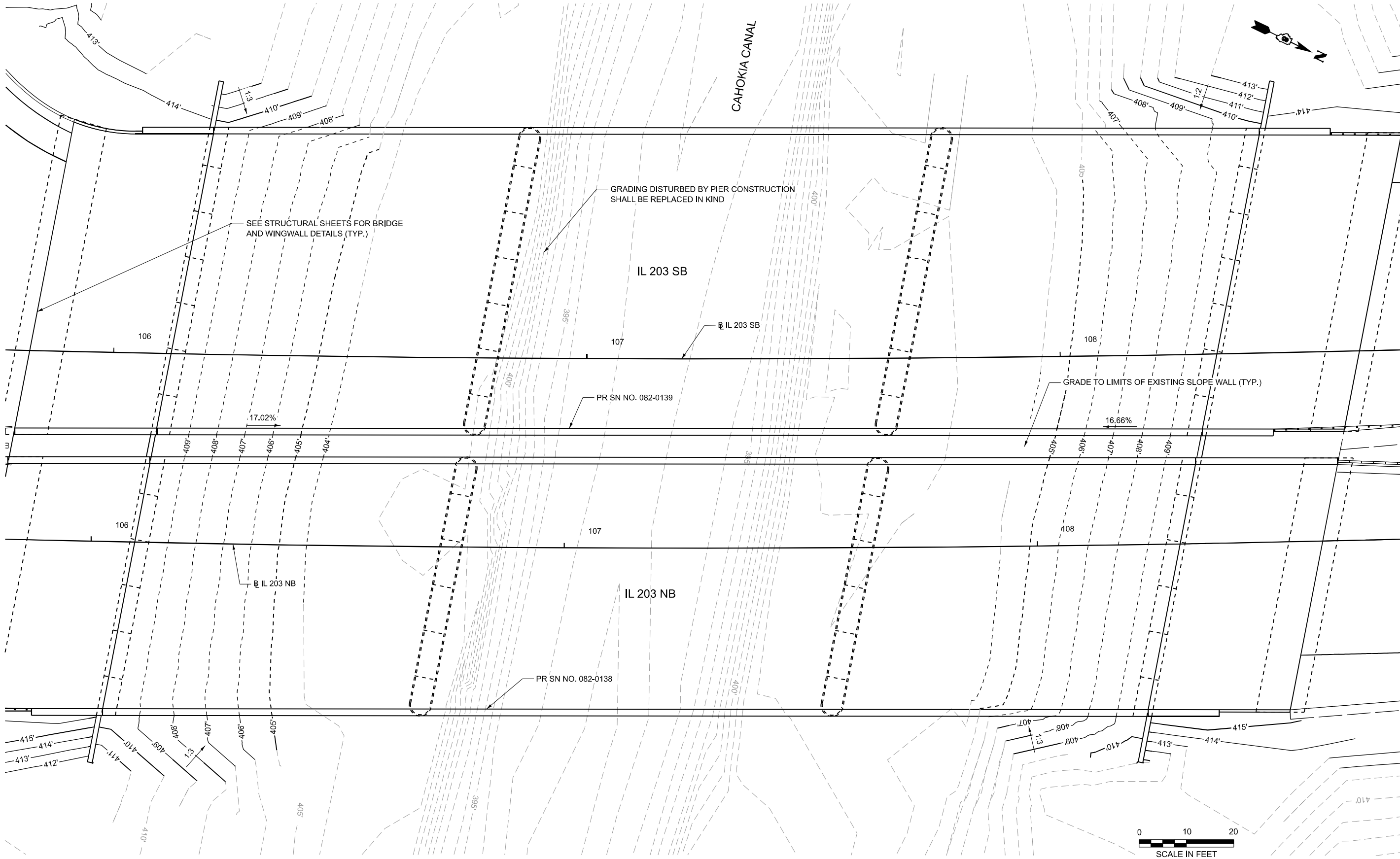
USER NAME = byoung	DESIGNED - JM	REVISED -
	DRAWN - BY	REVISED -
	CHECKED - JM	REVISED -
PLOT DATE = 4/16/2025	DATE - 4/21/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 3 CONNECTOR
DRAINAGE DETAILS**

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 62
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



MODEL: 10_Scale Plan Sheet
 FILE NAME: c:\cadd\hntb\hntb_sdenon\greatestates\0418983\082\6117_sht-gradng-01.dgn



USER NAME = sdenon	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 4/18/2025	DATE - 4/21/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

BRIDGE GRADING DETAIL SHEET

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 105+81.87 TO STA. 108+76.90

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 63
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

STATIONS AND OFFSETS BASED OFF IL 203 SB ALIGNMENT

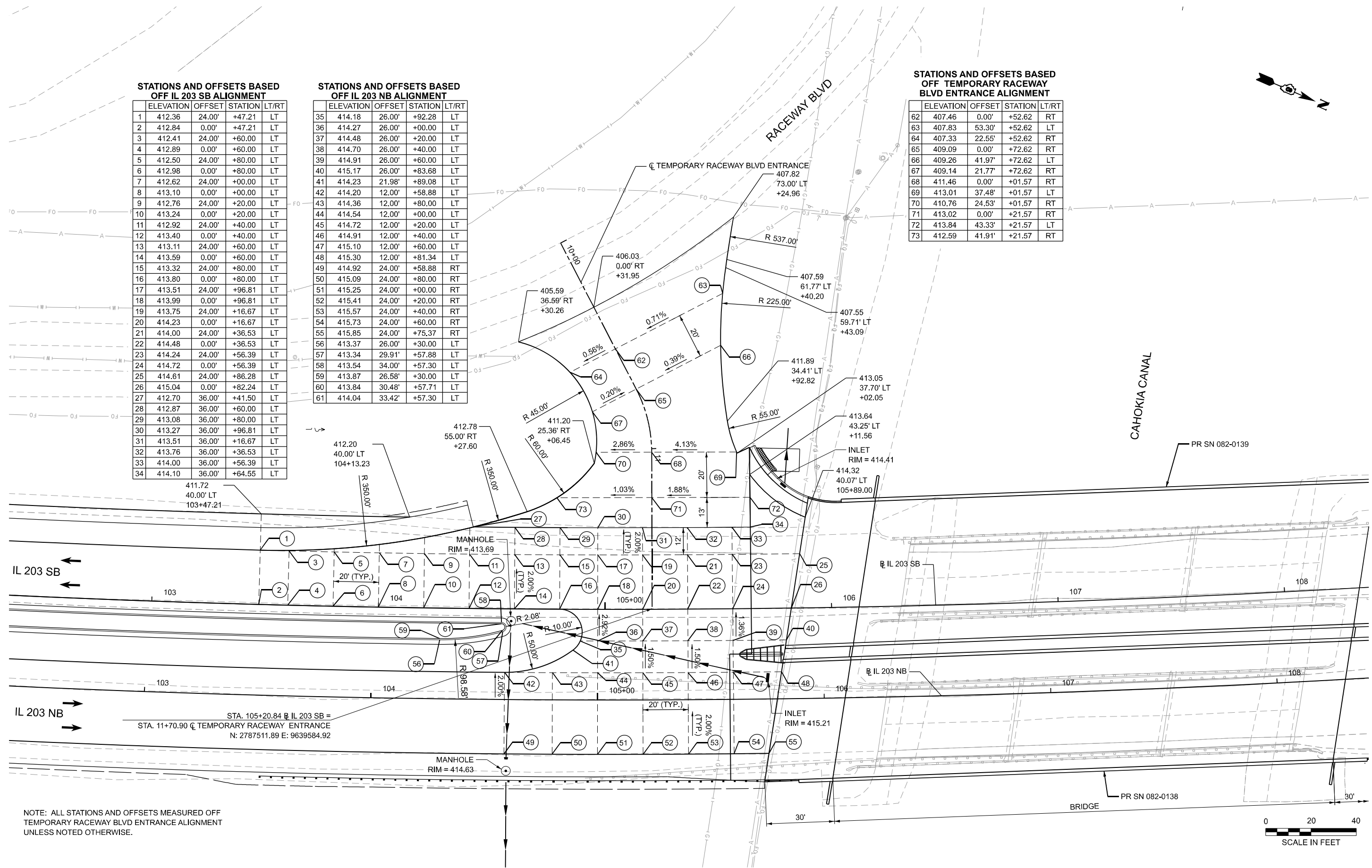
	ELEVATION	OFFSET	STATION	LT/RT
1	412.36	24.00'	+47.21	LT
2	412.84	0.00'	+47.21	LT
3	412.41	24.00'	+60.00	LT
4	412.89	0.00'	+60.00	LT
5	412.50	24.00'	+80.00	LT
6	412.98	0.00'	+80.00	LT
7	412.62	24.00'	+00.00	LT
8	413.10	0.00'	+00.00	LT
9	412.76	24.00'	+20.00	LT
10	413.24	0.00'	+20.00	LT
11	412.92	24.00'	+40.00	LT
12	413.40	0.00'	+40.00	LT
13	413.11	24.00'	+60.00	LT
14	413.59	0.00'	+60.00	LT
15	413.32	24.00'	+80.00	LT
16	413.80	0.00'	+80.00	LT
17	413.51	24.00'	+96.81	LT
18	413.99	0.00'	+96.81	LT
19	413.75	24.00'	+16.67	LT
20	414.23	0.00'	+16.67	LT
21	414.00	24.00'	+36.53	LT
22	414.48	0.00'	+36.53	LT
23	414.24	24.00'	+56.39	LT
24	414.72	0.00'	+56.39	LT
25	414.61	24.00'	+86.28	LT
26	415.04	0.00'	+86.28	LT
27	412.70	36.00'	+41.50	LT
28	412.87	36.00'	+60.00	LT
29	413.08	36.00'	+80.00	LT
30	413.27	36.00'	+96.81	LT
31	413.51	36.00'	+16.67	LT
32	413.76	36.00'	+36.53	LT
33	414.00	36.00'	+56.39	LT
34	414.10	36.00'	+64.55	LT

STATIONS AND OFFSETS BASED OFF IL 203 NB ALIGNMENT

	ELEVATION	OFFSET	STATION	LT/RT
35	414.18	26.00'	+92.28	LT
36	414.27	26.00'	+00.00	LT
37	414.48	26.00'	+20.00	LT
38	414.70	26.00'	+40.00	LT
39	414.91	26.00'	+60.00	LT
40	415.17	26.00'	+83.68	LT
41	414.23	21.98'	+89.08	LT
42	414.20	12.00'	+58.88	LT
43	414.36	12.00'	+80.00	LT
44	414.54	12.00'	+00.00	LT
45	414.72	12.00'	+20.00	LT
46	414.91	12.00'	+40.00	LT
47	415.10	12.00'	+60.00	LT
48	415.30	12.00'	+81.34	LT
49	414.92	24.00'	+58.88	RT
50	415.09	24.00'	+80.00	RT
51	415.25	24.00'	+00.00	RT
52	415.41	24.00'	+20.00	RT
53	415.57	24.00'	+40.00	RT
54	415.73	24.00'	+60.00	RT
55	415.85	24.00'	+75.37	RT
56	413.37	26.00'	+30.00	LT
57	413.34	29.91'	+57.88	LT
58	413.54	34.00'	+57.30	LT
59	413.87	26.58'	+30.00	LT
60	413.84	30.48'	+57.71	LT
61	414.04	33.42'	+57.30	LT

STATIONS AND OFFSETS BASED OFF TEMPORARY RACEWAY BLVD ENTRANCE ALIGNMENT

	ELEVATION	OFFSET	STATION	LT/RT
62	407.46	0.00'	+52.62	RT
63	407.83	53.30'	+52.62	LT
64	407.33	22.55'	+52.62	RT
65	409.09	0.00'	+72.62	RT
66	409.26	41.97'	+72.62	LT
67	409.14	21.77'	+72.62	RT
68	411.46	0.00'	+01.57	RT
69	413.01	37.48'	+01.57	LT
70	410.76	24.53'	+01.57	RT
71	413.02	0.00'	+21.57	RT
72	413.84	43.33'	+21.57	LT
73	412.59	41.91'	+21.57	RT



NOTE: ALL STATIONS AND OFFSETS MEASURED OFF TEMPORARY RACEWAY BLVD ENTRANCE ALIGNMENT UNLESS NOTED OTHERWISE.



MODEL: IL 203 Intersection - IL 203 Intersection
FILE NAME: c:\cadd\blp\blp\blp_emahinay\gratalkes\0472004\0876171-shi-intersec-01-IntersectionMod.dgn

USER NAME = emahinay	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/8/2025	DATE = 8/13/2025	REVISED -

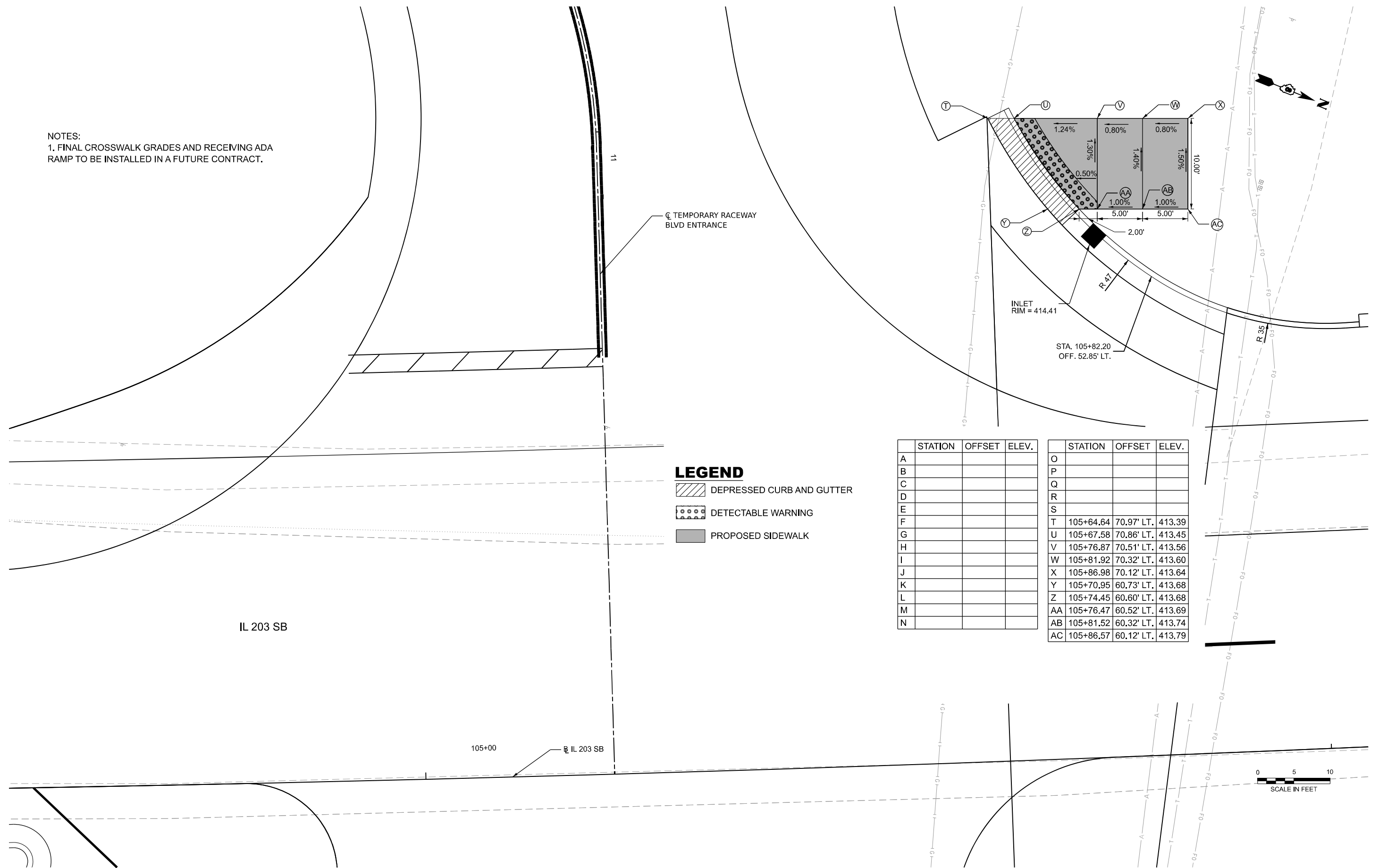
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 203 AND TEMPORARY RACEWAY BLVD ENTRANCE
INTERSECTION DETAIL PLAN**




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

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 64
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

NOTES:
1. FINAL CROSSWALK GRADES AND RECEIVING ADA RAMP TO BE INSTALLED IN A FUTURE CONTRACT.



LEGEND

-  DEPRESSED CURB AND GUTTER
-  DETECTABLE WARNING
-  PROPOSED SIDEWALK

	STATION	OFFSET	ELEV.
A			
B			
C			
D			
E			
F			
G			
H			
I			
J			
K			
L			
M			
N			

	STATION	OFFSET	ELEV.
O			
P			
Q			
R			
S			
T	105+64.64	70.97' LT.	413.39
U	105+67.58	70.86' LT.	413.45
V	105+76.87	70.51' LT.	413.56
W	105+81.92	70.32' LT.	413.60
X	105+86.98	70.12' LT.	413.64
Y	105+70.95	60.73' LT.	413.68
Z	105+74.45	60.60' LT.	413.68
AA	105+76.47	60.52' LT.	413.69
AB	105+81.52	60.32' LT.	413.74
AC	105+86.57	60.12' LT.	413.79

IL 203 SB

105+00 IL 203 SB



MODEL: Sidewalk Detail - Ramp 3
FILE NAME: c:\cadd\p\hntb_emain\p\gratalkes\0472004\0876717-sht-ada-detail-03_intersectionMod.dgn



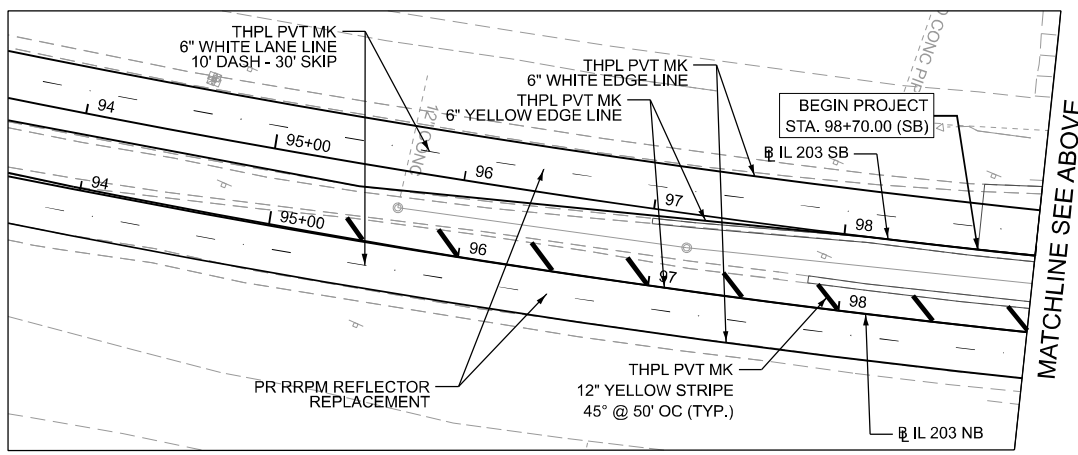
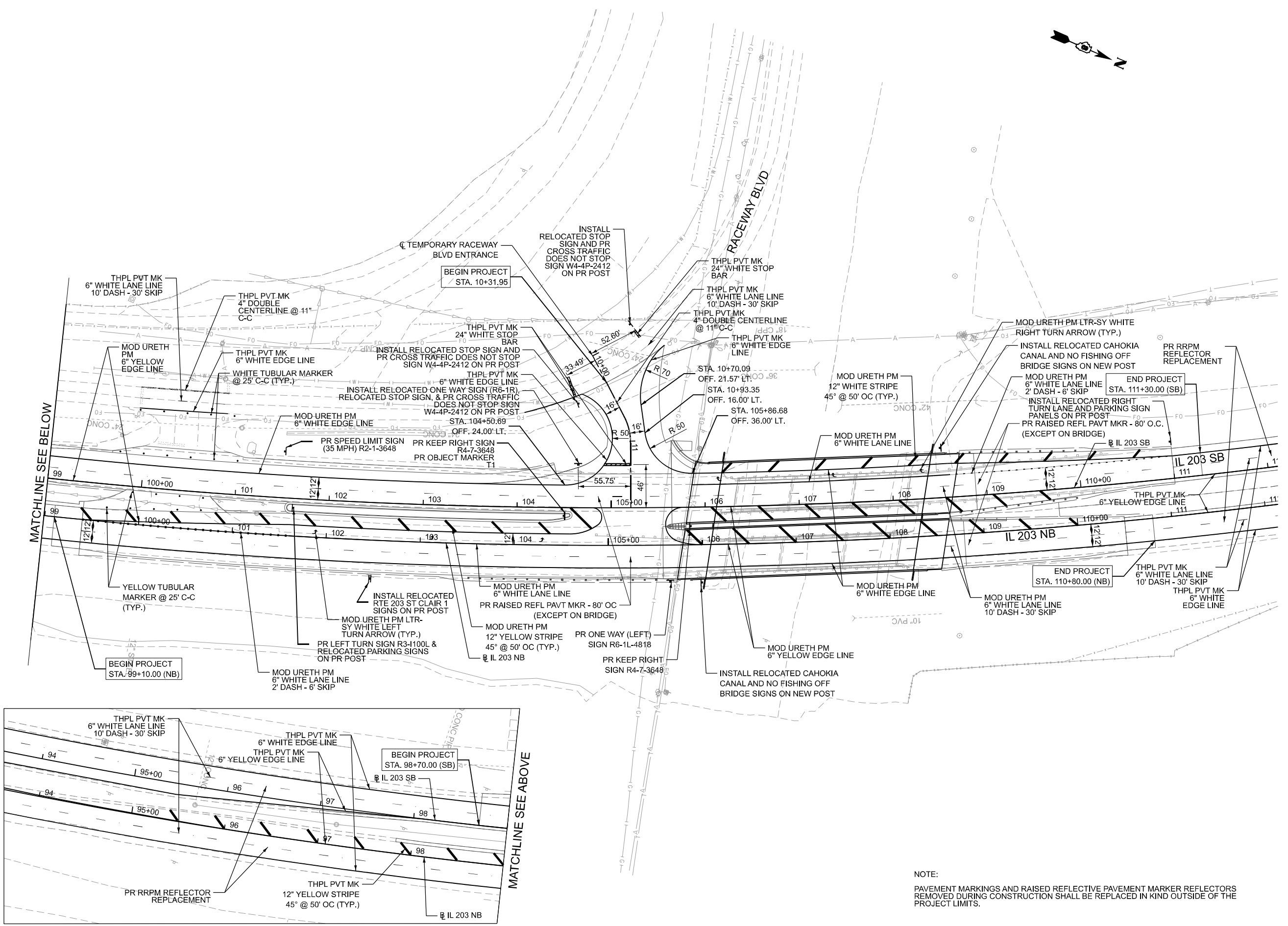
USER NAME = jschaefer	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/7/2025	DATE - 8/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**TEMPORARY RACEWAY BLVD ENTRANCE
SIDEWALK DETAILS**

SCALE: 1"=5' SHEET 1 OF 1 SHEETS STA. 0+00.00 TO STA. 0+00.00

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 65
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



NOTE:
PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS REMOVED DURING CONSTRUCTION SHALL BE REPLACED IN KIND OUTSIDE OF THE PROJECT LIMITS.

MODEL: Plan 1 - Sheet
FILE NAME: c:\cadd\hwy\hmb_ischaefec\greatlakes\0472004\0876171-shp-pmk_intersectionMod.dgn



USER NAME = jschaefer	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/6/2025	DATE = 8/13/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 203 PAVEMENT MARKING AND SIGNAGE

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 99+00.00 TO STA. 112+10.57

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	66
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

MODEL: Signage Schedule (Sheet)
 FILE NAME: c:\addb\p\hntb_jschaefer\greatlakes\0418963\087617\shl-schedule-sign.dgn

STATION	OFFSET	SIGN EDGE OFFSET FROM SHOULDER (FT)	SIGN DESCRIPTION	EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		RELOCATE SIGN PANEL - TYPE 1 (SQ FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A (EACH)	REMOVE SIGN PANEL ASSEMBLY - TYPE B (EACH)	OBJECT MARKER - TYPE 1 (EACH)	SIGN PANEL TYPE 1 (SQ FT)	SIGN PANEL TYPE 2 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FT)
				WIDTH (FT)	HEIGHT (FT)	WIDTH (FT)	HEIGHT (FT)							
10+00.00	LT	52.74	STOP SIGN	30.00	30.00			6.25		1		2.00		15.00
			CROSS TRAFFIC DOES NOT STOP	30.00	18.00	24.00	12.00							
10+38.25	RT	13.89	STOP SIGN	30.00	30.00			6.25		1		2.00		15.00
			CROSS TRAFFIC DOES NOT STOP	30.00	18.00	24.00	12.00							
11+23.59	RT	6.07	ONE WAY (R6-2R)	24.00	30.00					1				17.00
			STOP SIGN	30.00	30.00			6.25						
			CROSS TRAFFIC DOES NOT STOP			24.00	12.00					2.00		
100+84.34	RT	3.04	YIELD	48.00	48.00					1				
			ONE WAY (R6-1R)	48.00	18.00			6.00						
101+27.54	RT	5.93	DO NOT ENTER	36.00	36.00				1					
101+50.00	LT	15.35	SPEED LIMIT (35 MPH)			36.00	48.00						12.00	18.00
			LEFT TURN LANE			24.00	24.00					4.00		
101+62.42	RT	6.00	PARKING SIGN (NORTH - PURPLE)	24.00	24.00			4.00						16.00
			PARKING SIGN (RED)	24.00	24.00			4.00						
102+46.84	RT	7.00	203 ST CLAIR	24.00	24.00			4.00	1					16.00
			203 ST CLAIR	24.00	24.00			4.00						
104+49.67	RT	4.74	KEEP RIGHT			36.00	48.00						12.00	16.00
			OBJECT MARKER			18.00	18.00				1			
104+67.19	LT	N/A	SPEED LIMIT (35 MPH)	30.00	36.00				1					
105+62.10	RT	2.33	ONE WAY (LEFT)			48.00	18.00					6.00		14.00
105+84.26	RT	3.74	KEEP RIGHT			36.00	48.00						12.00	17.00
105+95.27	RT	4.75	CAHOKIA CANAL	24.00	18.00			3.00	1					16.00
			NO FISHING OFF BRIDGE	14.00	12.00			1.17						
108+52.90	LT	7.00	CAHOKIA CANAL	24.00	18.00			3.00	1					16.00
			NO FISHING OFF BRIDGE	14.00	12.00			1.17						
110+98.95	LT	7.00	RIGHT TURN LANE	24.00	24.00			4.00						
			PARKING SIGN (NORTH - PURPLE)	24.00	24.00			4.00		1				20.00
			PARKING SIGN (RED)	24.00	24.00			4.00						

- NOTES:
 1. THE FIRST THREE STATIONS AND OFFSETS ARE MEASURED RELATIVE TO THE TEMPORARY RACEWAY BLVD ENTRANCE C . THE REMAINING STATIONS AND OFFSETS ARE MEASURED RELATIVE TO THE IL 203 SB E .
 2. EXISTING ONE WAY (R6-1R) SIGN PANEL TO BE RELOCATED TO NEW POST AT STA. 11+23.59 WITH STOP SIGN. SEE PAVEMENT MARKING & SIGNING PLAN FOR ADDITIONAL DETAILS.



USER NAME = jschaefer	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/7/2025	DATE - 8/13/2025	REVISED -



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

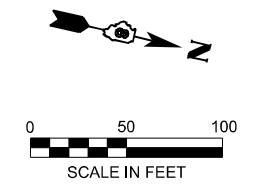
IL 203 SIGNING SCHEDULE

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

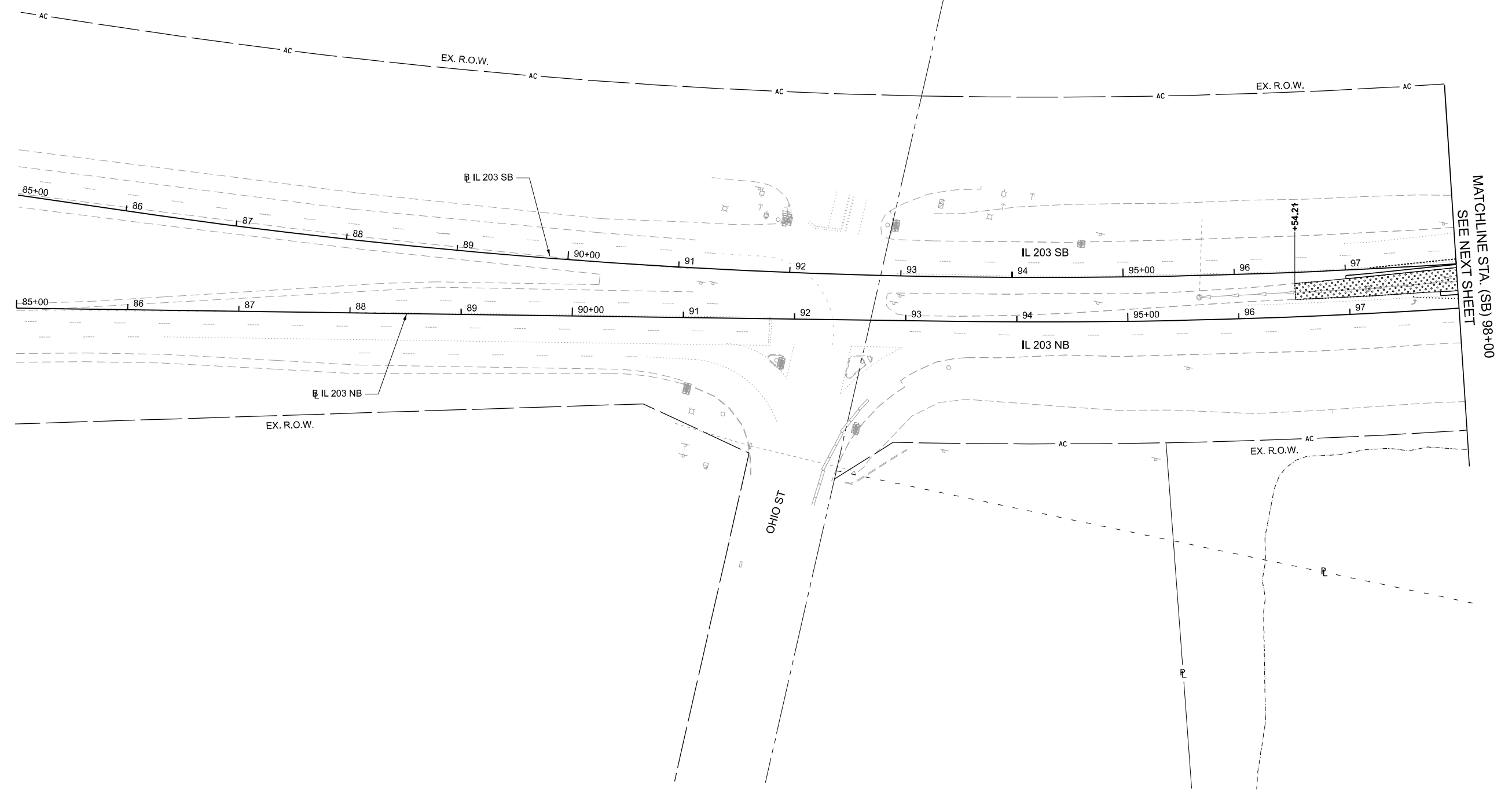
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	67
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

LEGEND

	SEEDING CLASS 2A
	STONE RIPRAP, CLASS A3



0 50 100
SCALE IN FEET



MODEL: Contract 2 - Landscaping - Plan 1
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USER NAME = byoung	DESIGNED - JM	REVISED -
	DRAWN - BY	REVISED -
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PLOT DATE = 2/28/2025	DATE - 4/21/2025	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

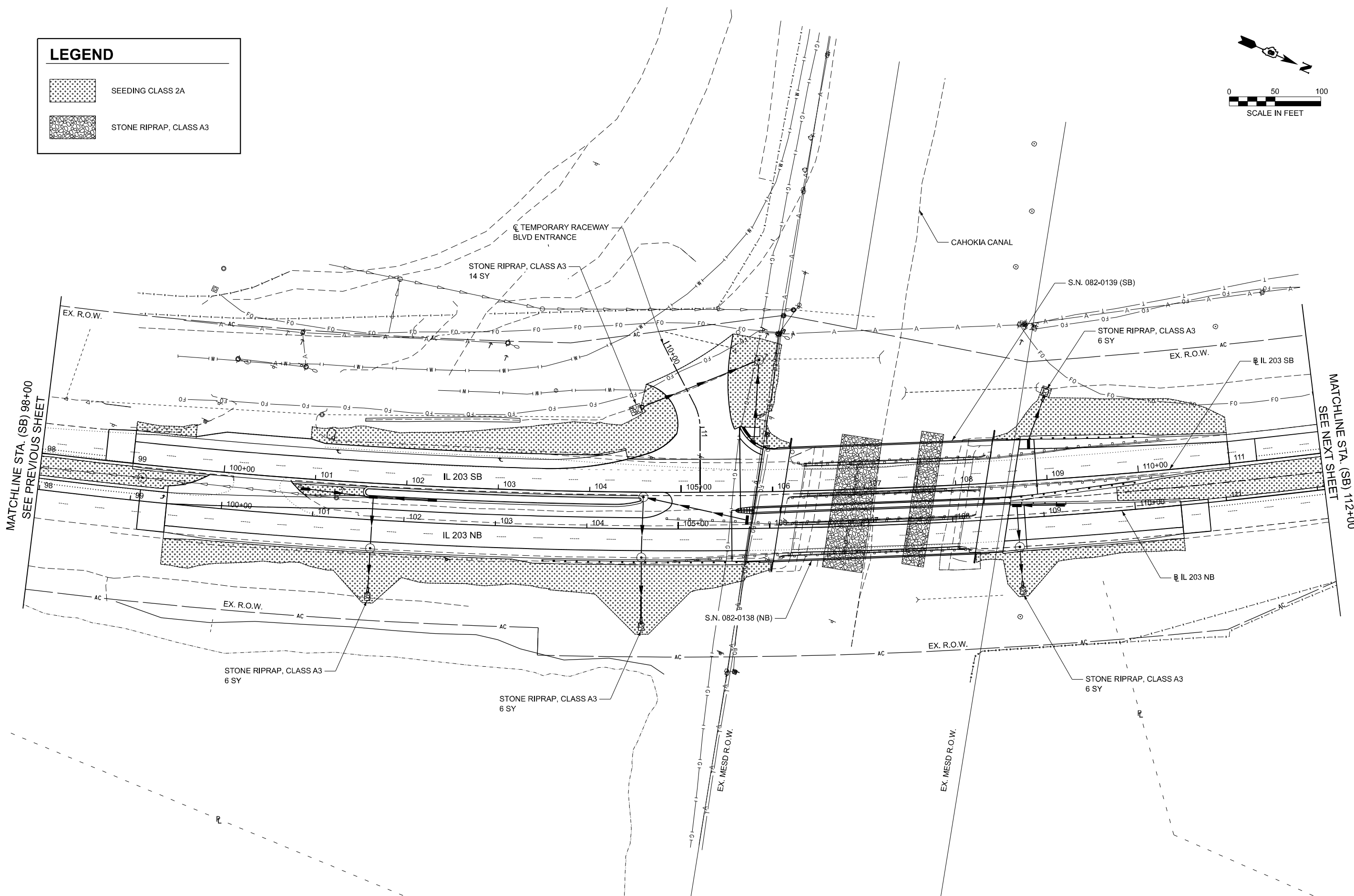
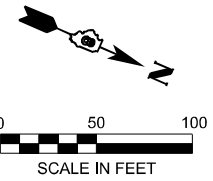
II 203 LANDSCAPING PLAN

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 85+01.88 TO STA. 98+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	68
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

LEGEND

-  SEEDING CLASS 2A
-  STONE RIPRAP, CLASS A3



MODEL: Contract 2 - Landscaping - LINDSCP IL 203 - Plan 1
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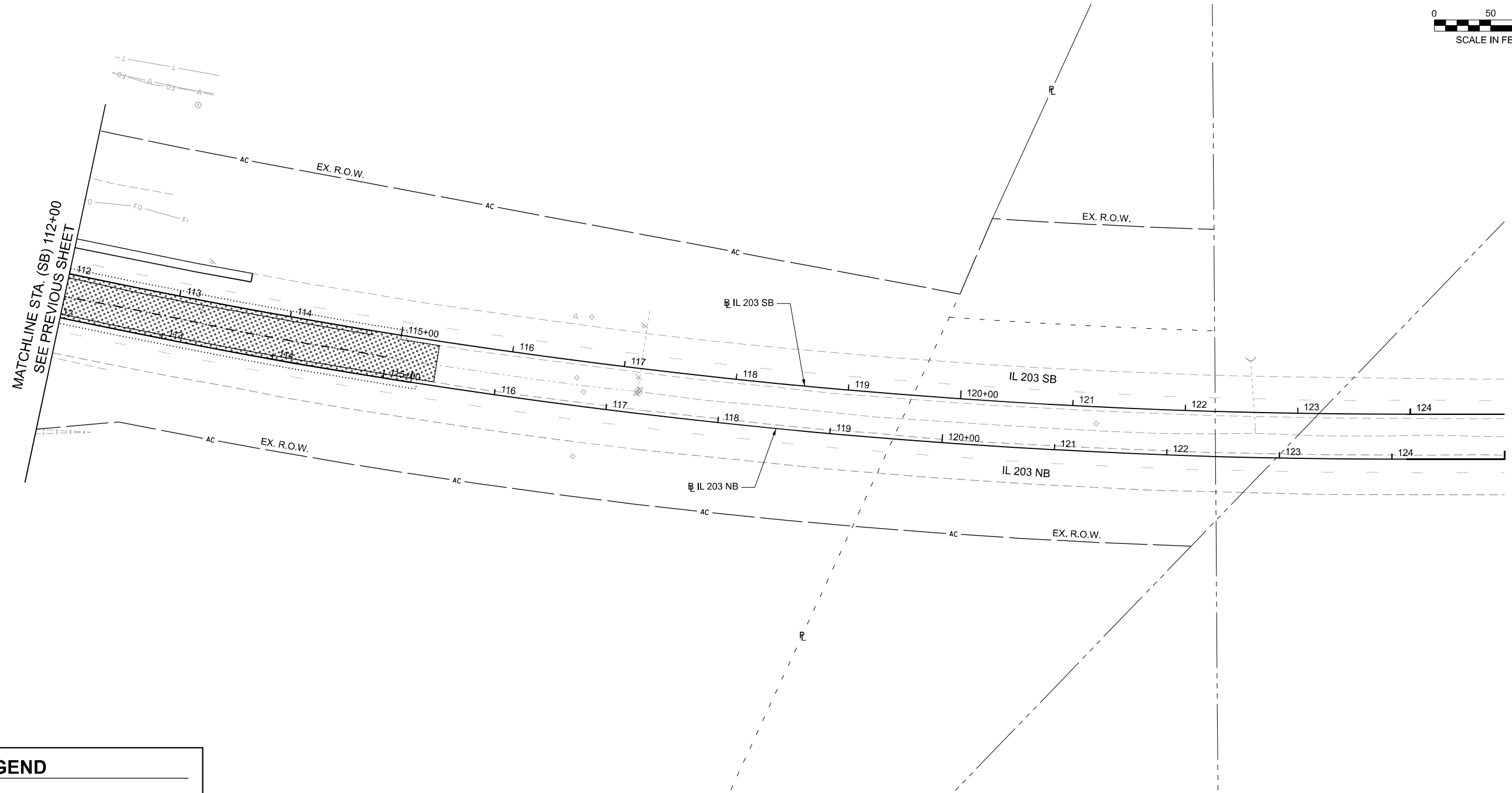
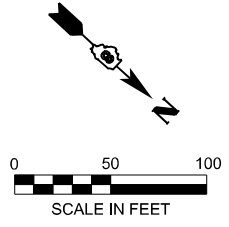
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PLOT DATE = 4/1/2025	DATE - 4/21/2025	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 203 LANDSCAPING PLAN

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 98+00.00 TO STA. 112+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	69
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



LEGEND	
	SEEDING CLASS 2A
	STONE RIPRAP, CLASS A3

MODEL: Contract 2 - Landscaping - Plan 2
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	DRAWN - BY	REVISED -
	CHECKED - JM	REVISED -
PLOT DATE = 2/28/2025	DATE - 4/21/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 203 LANDSCAPING PLAN

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. 112+00.00 TO STA. 124+83.50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	70
CONTRACT NO. 76T17				

ILLINOIS FED. AID PROJECT

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PLOT DATE = 8/4/2025	DATE - 8/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BLANK SHEET

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	71
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 8/4/2025	DATE - 8/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BLANK SHEET

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 102+36.57 TO STA. 108+36.86

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	72
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

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	DRAWN - RS	REVISED -
	CHECKED - BE	REVISED -
PLOT DATE = 8/4/2025	DATE - 8/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BLANK SHEET

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 102+40.23 TO STA. 108+40.51

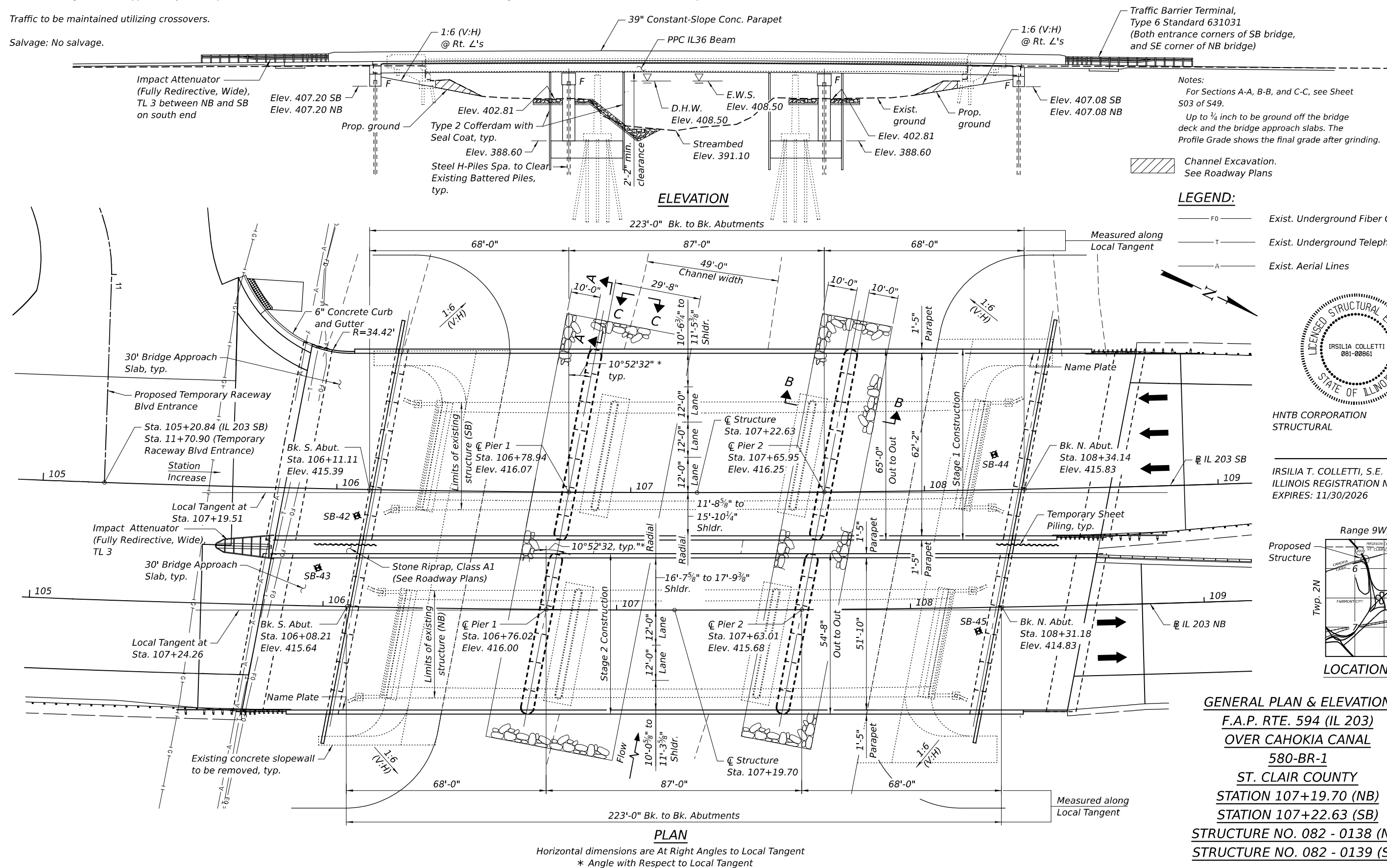
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	73
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

Benchmark: Cut "H" on bridge curb at southeast corner of northbound IL 203 bridge (SN 082-0026) over Cahokia Canal. Elev. 415.411.

Existing Structures: Structure Nos. SN 082-0027 (SB) and 082-0026 (NB) were originally built in 1960 as F.A. Route 4, Section 580-B at Sta. 152+49.00. The existing dual structures each consist of three span reinforced concrete decks on 33WF152 rolled steel beams. The structures are supported by spill thru pile bent abutments and wall piers supported by spread footings on concrete piles. Abutment wingwalls are supported by timber piles. 186'-8 1/2" back to back abutments. 36'-7" out to out bridge deck. Structures to be removed and replaced.

Traffic to be maintained utilizing crossovers.

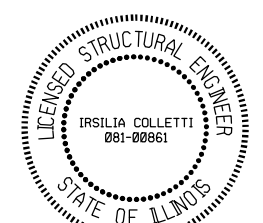
Salvage: No salvage.



Notes:
For Sections A-A, B-B, and C-C, see Sheet S03 of S49.
Up to 1/4 inch to be ground off the bridge deck and the bridge approach slabs. The Profile Grade shows the final grade after grinding.

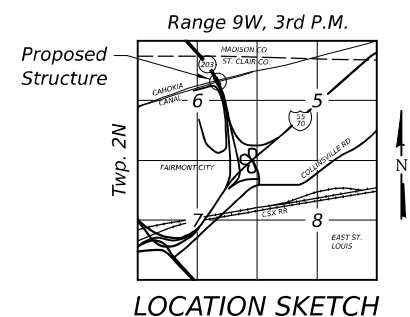
Channel Excavation. See Roadway Plans

LEGEND:
FO ——— Exist. Underground Fiber Optic
T ——— Exist. Underground Telephone
A ——— Exist. Aerial Lines



HNTB CORPORATION
STRUCTURAL

IRSILIA T. COLLETTI, S.E.
ILLINOIS REGISTRATION NO: 081-008619
EXPIRES: 11/30/2026



GENERAL PLAN & ELEVATION
F.A.P. RTE. 594 (IL 203)
OVER CAHOKIA CANAL
580-BR-1
ST. CLAIR COUNTY
STATION 107+19.70 (NB)
STATION 107+22.63 (SB)
STRUCTURE NO. 082 - 0138 (NB)
STRUCTURE NO. 082 - 0139 (SB)

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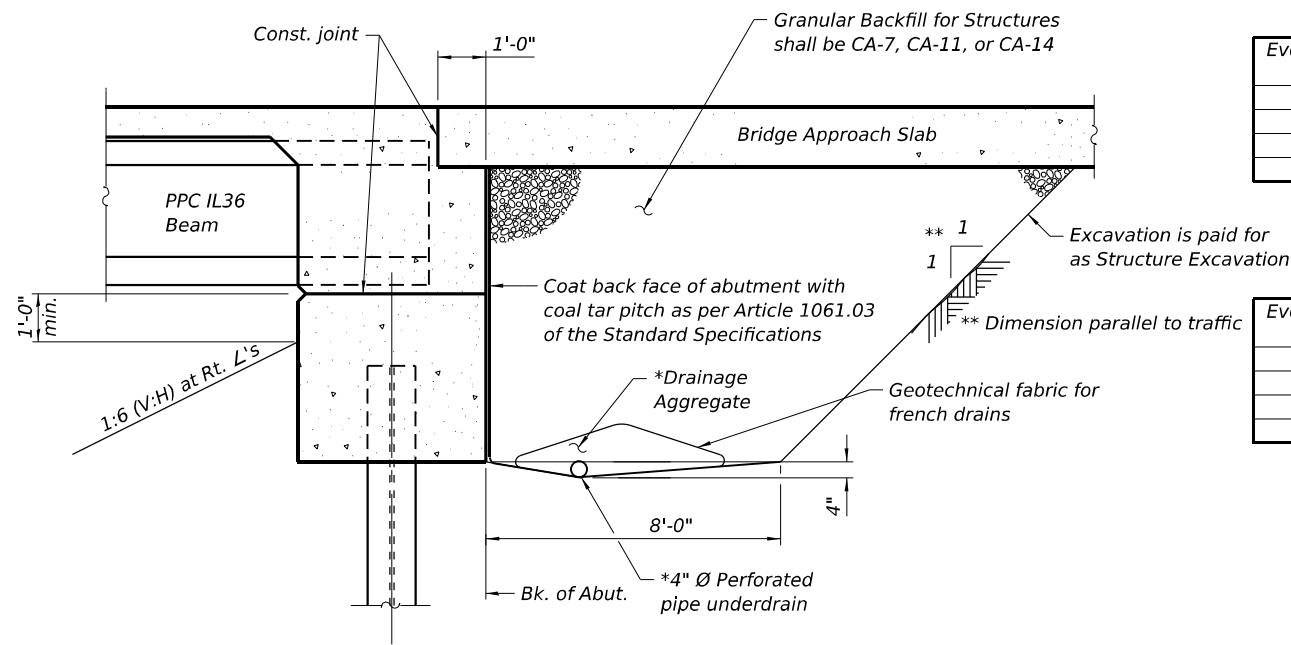
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NOS. 082-0138 (NB) & 082-0139 (SB)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	74
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

SHEET S01 OF S49 SHEETS



SECTION THRU INTEGRAL ABUTMENT

(Horiz. dim. at Rt. L's)

*Included in the cost of Pipe Underdrains for Structures. (See Special Provisions)

DESIGN SCOUR ELEVATION TABLE

S.N. 082-0138 (NB)

Event / Limit State	Design Scour Elevations (ft.)				Item 113
	S. Abut.	Pier 1	Pier 2	N. Abut.	
Q100	407.21	387.30	387.40	407.09	5
Q200	407.21	387.30	387.40	407.09	
Design	407.21	387.30	387.40	407.09	
Check	407.21	387.30	387.40	407.09	

DESIGN SCOUR ELEVATION TABLE

S.N. 082-0139 (SB)

Event / Limit State	Design Scour Elevations (ft.)				Item 113
	S. Abut.	Pier 1	Pier 2	N. Abut.	
Q100	407.21	387.10	387.30	407.09	5
Q200	407.21	387.00	387.20	407.09	
Design	407.21	387.10	387.30	407.09	
Check	407.21	387.00	387.20	407.09	

WATERWAY INFORMATION

S.N. 082-0138 (NB)

Flood	Freq. Yr.	Discharge Ft ³ /s	Opening Ft ²		Nat. H.W.E.	Head - Ft.		Headwater El. Ft.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Existing Overtopping Elev. = 415.4 at Sta. 107+19 (203 NB)									
Proposed Overtopping Elev. = 416.5 at Sta. 108+05 (203 NB)									
Drainage Area = 111.1 sq. mi.									
	2	*2,888	991	996	406.90	0	0	406.90	406.90
Design	50	*3,906	1,245	1,247	408.50	0	0	408.50	408.50
Base	100	*4,017	1,278	1,279	408.70	0	0	408.70	408.70
Scour Design Check	200	*4,159	1,311	1,311	408.90	0	0	408.90	408.90
Overtop Existing	>500	-	-	-	-	-	-	-	-
Overtop Proposed	>500	-	-	-	-	-	-	-	-
Max. Calc.	500	*4,334	1,344	1,345	409.1	0	0	409.10	409.10

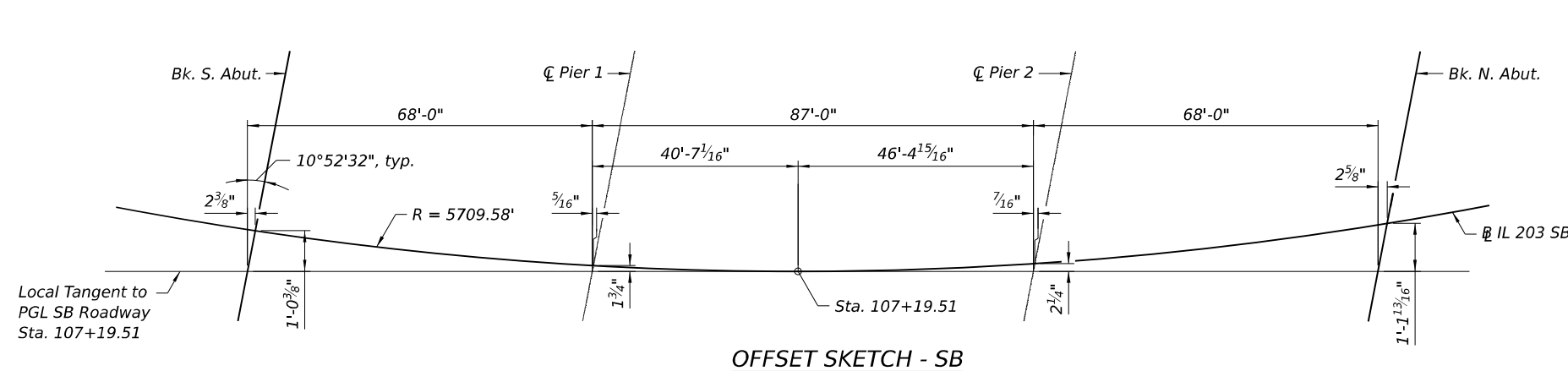
* At bridge. Higher discharges at US end of modeled reach, with reductions due to levee overtopping
 10 Year Velocity Through Existing Bridge = 3.0 ft/s
 10 Year Velocity Through Proposed Bridge = 3.1 ft/s

WATERWAY INFORMATION

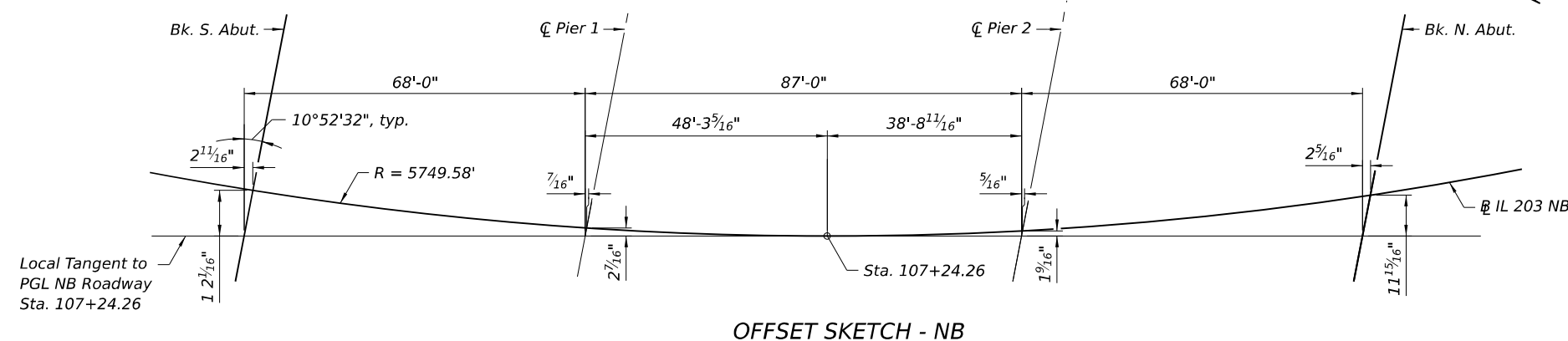
S.N. 082-0139 (SB)

Flood	Freq. Yr.	Discharge Ft ³ /s	Opening Ft ²		Nat. H.W.E.	Head - Ft.		Headwater El. Ft.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Existing Overtopping Elev. = 415.3 at Sta. 106+29 (203 SB)									
Proposed Overtopping Elev. = 415.8 at Sta. 106+29 (203 SB)									
Drainage Area = 111.1 sq. mi.									
	2	*2,888	994	1,011	406.8	0	0	406.90	406.80
Design	50	*3,906	1,265	1,278	408.5	0	0	408.50	408.50
Base	100	*4,017	1,298	1,310	408.7	0	0	408.70	408.70
Scour Design Check	200	*4,159	1,311	1,343	408.9	0	0	408.90	408.90
Overtop Existing	>500	-	-	-	-	-	-	-	-
Overtop Proposed	>500	-	-	-	-	-	-	-	-
Max. Calc.	500	*4,334	1,365	1,376	409.10	0	0	409.10	409.10

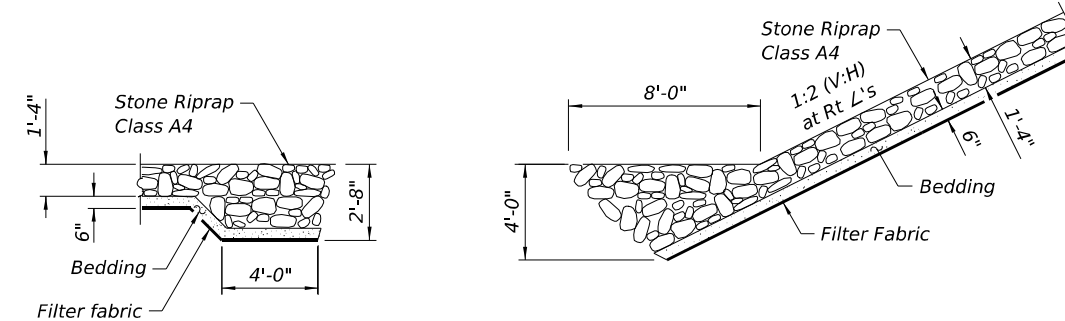
* At bridge. Higher discharges at US end of modeled reach, with reductions due to levee overtopping
 10 Year Velocity Through Existing Bridge = 3.1 ft/s
 10 Year Velocity Through Proposed Bridge = 3.1 ft/s



OFFSET SKETCH - SB

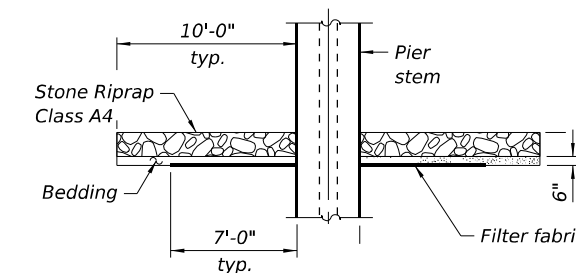


OFFSET SKETCH - NB



SECTION A-A

SECTION C-C



SECTION B-B

Notes:
 All Drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersection with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).
 Granular backfill behind the abutments shall be compacted according to Article 205.06 of the Standard Specifications.

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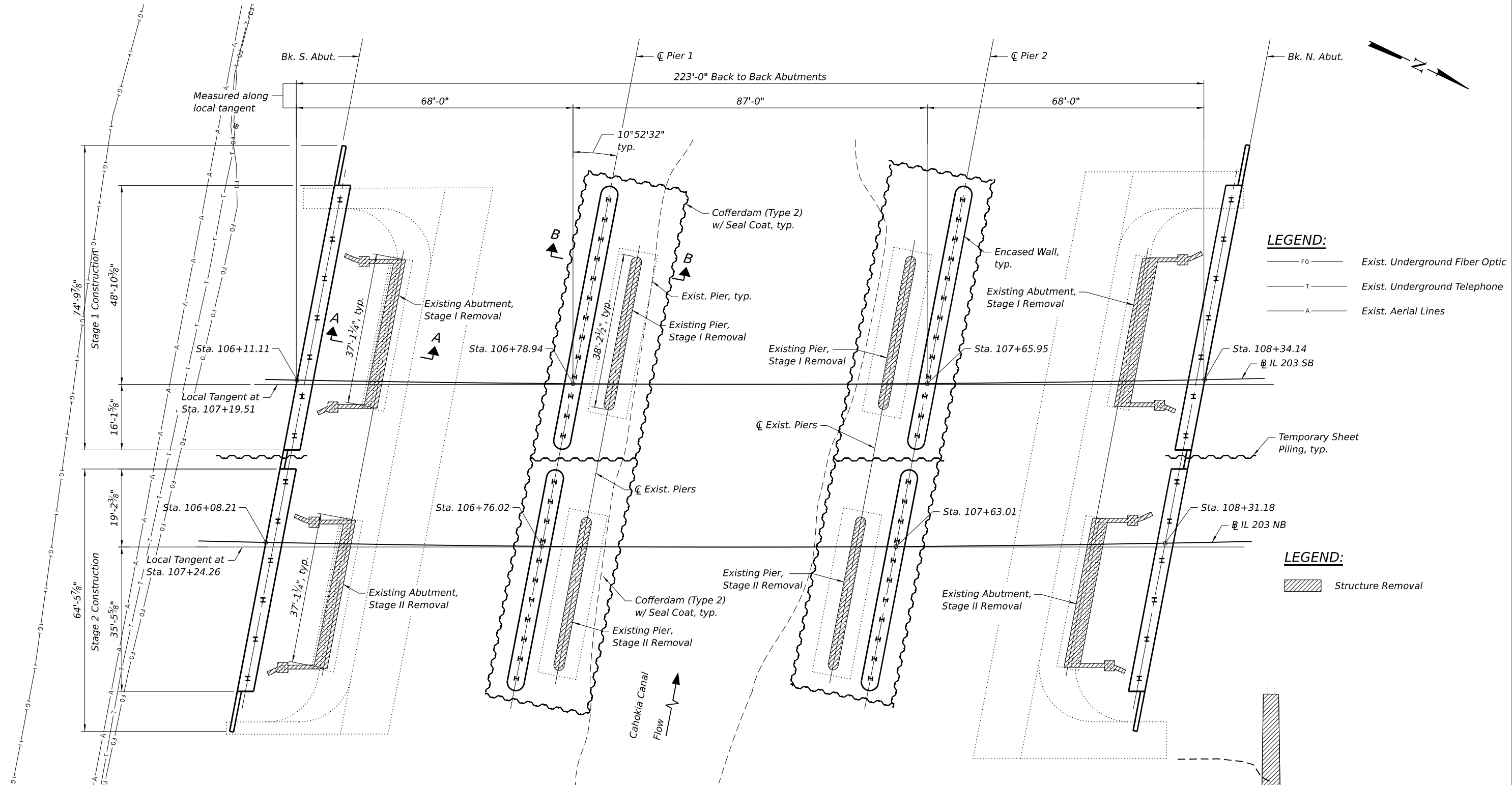
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA - 2
 STRUCTURE NOS. 082-0138 (NB) & 082-0139 (SB)**

SHEET S03 OF S49 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	76
CONTRACT NO. 76T17				
ILLINOIS		FED. AID PROJECT		

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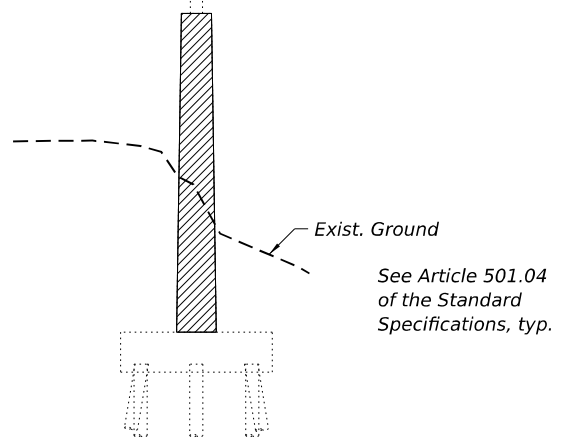
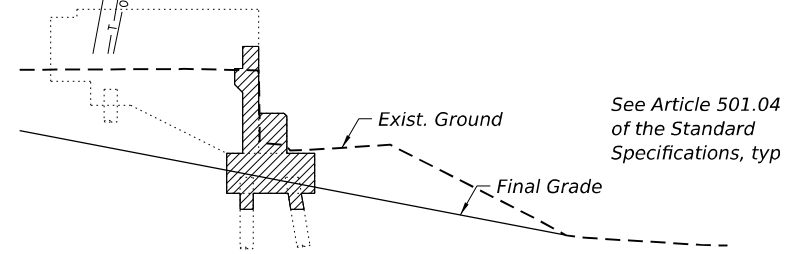
LEGEND:

- FO ——— Exist. Underground Fiber Optic
- T ——— Exist. Underground Telephone
- A ——— Exist. Aerial Lines

LEGEND:

- Structure Removal

SUBSTRUCTURE & SHEET PILING LAYOUT PLAN



USER NAME = atarasova	DESIGNED - ITC/DB	REVISED -
PLOT SCALE =	CHECKED - ACF	REVISED -
PLOT DATE = 04/03/2025	DRAWN - LK	REVISED -
	CHECKED - ITC	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE LAYOUT
STRUCTURE NOS. 082-0138 (NB) & 082-0139 (SB)

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 77
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

SHEET S04 OF S49 SHEETS

BEAM 11

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	106+05.78	14.19	415.90	415.92
☉ Brg. S. Abut.	106+07.77	14.15	415.92	415.94
A	106+17.75	13.96	415.99	416.04
B	106+27.72	13.78	416.06	416.13
C	106+37.70	13.62	416.13	416.21
D	106+47.67	13.48	416.18	416.26
E	106+57.65	13.35	416.22	416.28
☉ S. Brg. Pier 1	106+72.49	13.20	416.25	416.27
☉ Pier 1	106+73.61	13.19	416.26	416.28
☉ N. Brg. Pier 1	106+74.73	13.18	416.26	416.28
F	106+84.71	13.10	416.27	416.36
G	106+94.69	13.04	416.26	416.40
H	107+04.66	13.00	416.25	416.43
I	107+14.64	12.98	416.22	416.42
J	107+24.62	12.97	416.19	416.38
K	107+34.59	12.98	416.14	416.30
L	107+44.57	13.00	416.08	416.19
☉ S. Brg. Pier 2	107+59.29	13.07	415.98	416.00
☉ Pier 2	107+60.41	13.08	415.97	415.99
☉ N. Brg. Pier 2	107+61.53	13.09	415.96	415.98
M	107+71.51	13.16	415.87	415.92
N	107+81.49	13.25	415.77	415.84
O	107+91.46	13.36	415.66	415.74
P	108+01.44	13.49	415.53	415.61
Q	108+11.41	13.63	415.40	415.46
☉ Brg. N. Abut.	108+26.25	13.87	415.18	415.20
Bk. N. Abut.	108+28.24	13.91	415.15	415.17

BEAM 12

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	106+04.13	23.89	416.08	416.10
☉ Brg. S. Abut.	106+06.12	23.85	416.10	416.12
A	106+16.07	23.66	416.17	416.22
B	106+26.03	23.48	416.25	416.32
C	106+35.99	23.31	416.31	416.39
D	106+45.95	23.17	416.36	416.44
E	106+55.91	23.04	416.40	416.46
☉ S. Brg. Pier 1	106+70.72	22.88	416.44	416.46
☉ Pier 1	106+71.84	22.87	416.45	416.47
☉ N. Brg. Pier 1	106+72.96	22.86	416.45	416.47
F	106+82.92	22.78	416.46	416.55
G	106+92.88	22.72	416.46	416.60
H	107+02.85	22.67	416.45	416.63
I	107+12.81	22.65	416.42	416.62
J	107+22.77	22.63	416.39	416.58
K	107+32.73	22.64	416.34	416.50
L	107+42.69	22.66	416.29	416.40
☉ S. Brg. Pier 2	107+57.38	22.73	416.18	416.20
☉ Pier 2	107+58.50	22.74	416.18	416.20
☉ N. Brg. Pier 2	107+59.62	22.74	416.17	416.19
M	107+69.58	22.81	416.08	416.13
N	107+79.54	22.90	415.98	416.05
O	107+89.50	23.01	415.87	415.95
P	107+99.46	23.13	415.75	415.83
Q	108+09.42	23.27	415.62	415.68
☉ Brg. N. Abut.	108+24.23	23.51	415.41	415.43
Bk. N. Abut.	108+26.22	23.54	415.38	415.40

BEAM 13

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. S. Abut.	106+02.49	33.60	416.26	416.28
☉ Brg. S. Abut.	106+04.47	33.56	416.28	416.30
A	106+14.41	33.36	416.35	416.40
B	106+24.35	33.17	416.43	416.49
C	106+34.29	33.01	416.49	416.56
D	106+44.23	32.86	416.55	416.62
E	106+54.18	32.73	416.59	416.64
☉ S. Brg. Pier 1	106+68.97	32.57	416.63	416.65
☉ Pier 1	106+70.08	32.56	416.64	416.66
☉ N. Brg. Pier 1	106+71.20	32.55	416.64	416.66
F	106+81.15	32.46	416.65	416.73
G	106+91.09	32.40	416.65	416.77
H	107+01.03	32.35	416.64	416.79
I	107+10.98	32.32	416.62	416.79
J	107+20.92	32.30	416.59	416.75
K	107+30.87	32.30	416.55	416.69
L	107+40.81	32.32	416.49	416.59
☉ S. Brg. Pier 2	107+55.48	32.39	416.39	416.41
☉ Pier 2	107+56.60	32.39	416.38	416.40
☉ N. Brg. Pier 2	107+57.72	32.40	416.37	416.39
M	107+67.66	32.47	416.29	416.33
N	107+77.60	32.55	416.19	416.25
O	107+87.55	32.65	416.09	416.16
P	107+97.49	32.77	415.97	416.04
Q	108+07.43	32.91	415.84	415.90
☉ Brg. N. Abut.	108+22.22	33.14	415.63	415.65
Bk. N. Abut.	108+24.20	33.17	415.60	415.62

Notes:
All Elevations and Offsets are in feet.
Offsets are measured with respect to PGL.

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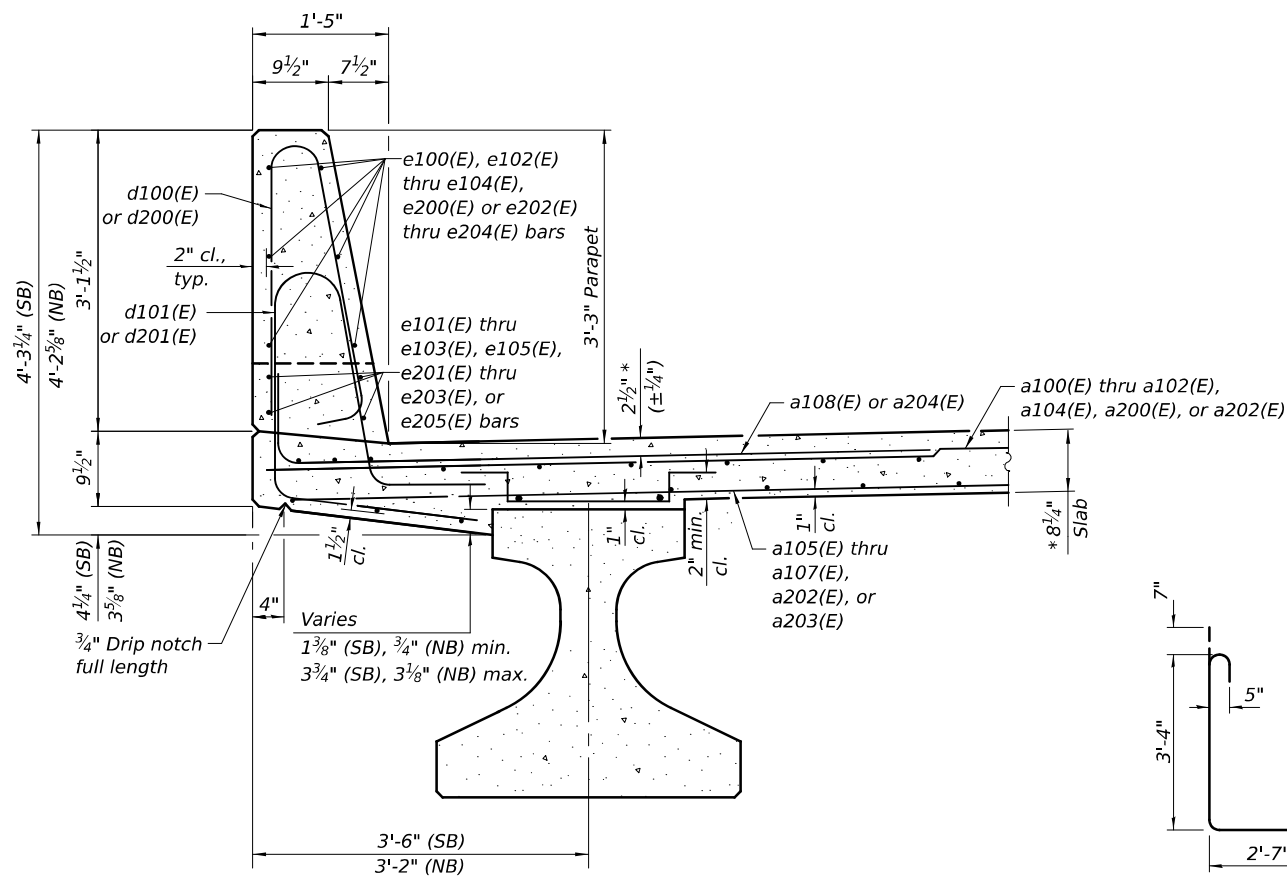
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PLOT DATE = 04/03/2025	DRAWN - LK/CL	REVISED -
	CHECKED - EPP	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

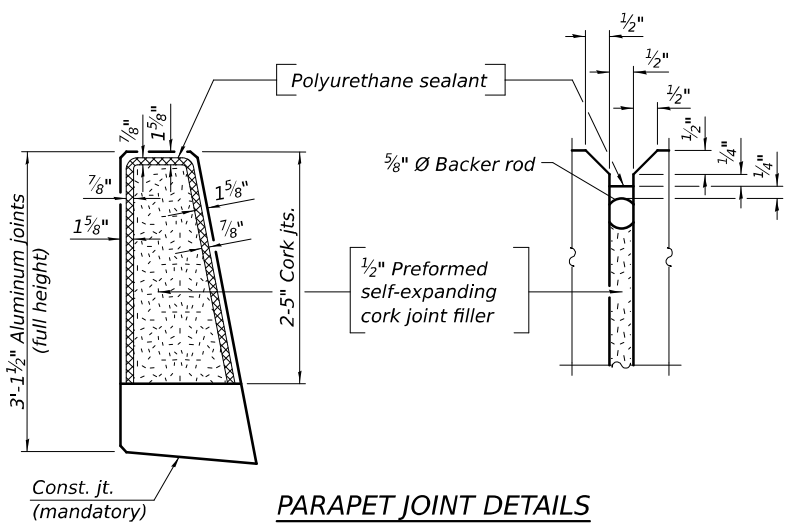
**TOP OF SLAB ELEVATIONS - 3
STRUCTURE NOS. 082-0138 (NB) & 082-0139 (SB)**

SHEET S11 OF S49 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	84
CONTRACT NO. 76T17				
ILLINOIS		FED. AID PROJECT		



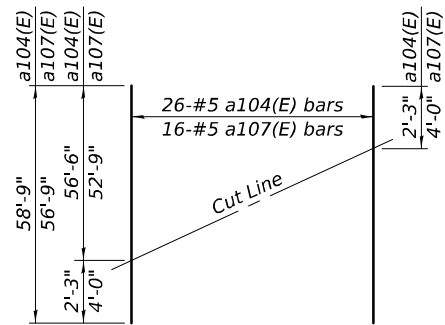
SECTION THRU PARAPET
* Prior to Grinding



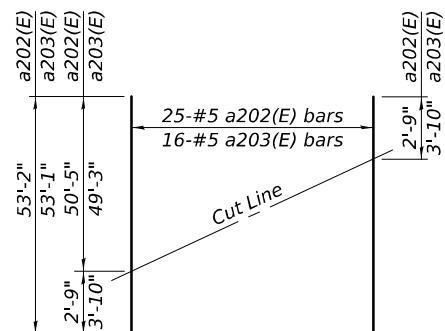
PARAPET JOINT DETAILS

Notes:

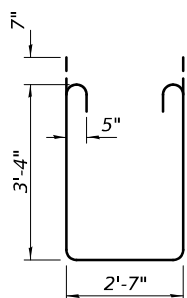
The 3/16" min. aluminum sheet shall be ASTM B 209 alloy 3003-H14 and coated with 5 mils of either bitumen paint or epoxy paint to minimize reaction with wet concrete. Cost included with Concrete Superstructure.
The polyurethane sealant shall be according to Article 1050.04 of the Std. Spec. and the color shall be gray.
Bar terminators paid for separately. See Total Bill of Material.



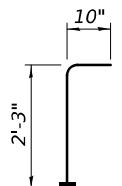
SB - FIELD CUTTING DIAGRAM
Order a104(E) and a107(E) bars full length. Cut as shown and use remainder of bars in opposite end of deck.



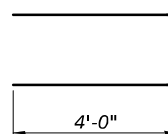
NB - FIELD CUTTING DIAGRAM
Order a202(E) and a203(E) bars full length. Cut as shown and use remainder of bars in opposite end of deck.



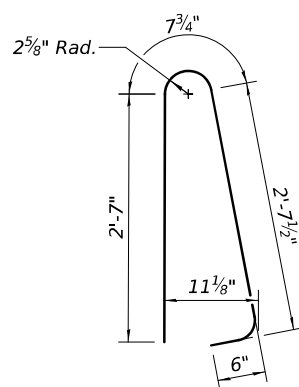
BAR s111(E) & s211(E)



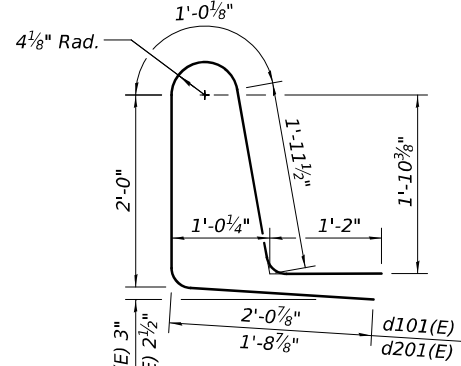
BAR v100(E), v200(E)
(Headed. 242-#5 Bar terminators)



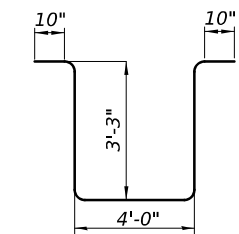
BARS s121(E), s221(E)



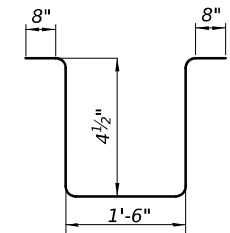
BAR d100(E) & d200(E)



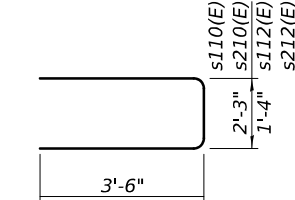
BARS d101(E) & d201(E)



BAR s120(E), s220(E)



BAR a110(E), a206(E)



BARS s110(E), s210(E), & s112(E), s212(E)

SUPERSTRUCTURE
BILL OF MATERIAL - SB

Bar	No.	Size	Length	Shape
a100(E)	504	#5	29'-3"	—
a101(E)	504	#5	38'-11"	—
a202(E)	2	#5	58'-6"	—
a103(E)	4	#5	34'-6"	—
a104(E)	26	#5	58'-9"	—
a105(E)	337	#5	30'-11"	—
a106(E)	337	#5	36'-5"	—
a107(E)	16	#5	56'-9"	—
a108(E)	1060	#6	8'-4"	—
a109(E)	2	#5	55'-11"	—
a110(E)	72	#4	3'-8"	—
b100(E)	544	#5	30'-8"	—
b101(E)	648	#5	27'-8"	—
b102(E)	128	#8	49'-3"	—
b103(E)	8	#4	18'-3"	—
b104(E)	124	#9	49'-3"	—
d100(E)	672	#5	6'-5"	—
d101(E)	672	#5	8'-3"	—
e100(E)	96	#4	14'-3"	—
e101(E)	32	#4	31'-1"	—
e102(E)	40	#4	8'-1"	—
e103(E)	40	#4	10'-6"	—
e104(E)	48	#4	16'-0"	—
e105(E)	16	#4	33'-6"	—
m110(E)	16	#6	34'-11"	—
m111(E)	24	#6	8'-6"	—
m112(E)	8	#6	2'-7"	—
m113(E)	12	#6	6'-4"	—
m114(E)	4	#6	1'-4"	—
m115(E)	28	#5	4'-0"	—
m120(E)	24	#6	6'-3"	—
m121(E)	48	#6	8'-5"	—
m122(E)	28	#5	4'-1"	—
s110(E)	108	#5	9'-3"	—
s111(E)	108	#5	10'-5"	—
s112(E)	56	#5	8'-4"	—
s120(E)	48	#5	12'-2"	—
s121(E)	48	#5	9'-4"	—
v100(E)	132	#5	3'-1"	—
Concrete Superstructure Reinforcement Bars, Epoxy Coated			Cu. Yd.	560.7
Concrete Superstructure Reinforcement Bars, Epoxy Coated			Pound	169,460

Bars indicated 1 x 2-#4 etc. indicates 1 line of bars with 2 lengths per line.

SUPERSTRUCTURE
BILL OF MATERIAL - NB

Bar	No.	Size	Length	Shape
a200(E)	506	#5	54'-4"	—
a201(E)	338	#5	53'-6"	—
a202(E)	23	#5	53'-2"	—
a203(E)	15	#5	53'-1"	—
a204(E)	1056	#6	8'-4"	—
a205(E)	4	#5	54'-3"	—
a206(E)	136	#4	3'-8"	—
b200(E)	464	#5	30'-8"	—
b201(E)	549	#5	27'-8"	—
b202(E)	108	#8	49'-3"	—
b203(E)	8	#4	18'-3"	—
b204(E)	16	#4	8'-3"	—
b205(E)	104	#9	49'-3"	—
d200(E)	672	#5	6'-5"	—
d201(E)	672	#5	7'-11"	—
e200(E)	96	#4	14'-3"	—
e201(E)	32	#4	31'-1"	—
e202(E)	40	#4	8'-1"	—
e203(E)	40	#4	10'-6"	—
e204(E)	48	#4	16'-0"	—
e205(E)	16	#4	33'-6"	—
m210(E)	8	#6	55'-4"	—
m211(E)	20	#6	8'-6"	—
m212(E)	8	#6	2'-4"	—
m213(E)	10	#6	6'-4"	—
m214(E)	4	#6	1'-4"	—
m215(E)	24	#5	4'-0"	—
m220(E)	20	#6	6'-3"	—
m221(E)	40	#6	8'-5"	—
m222(E)	24	#5	4'-1"	—
s210(E)	92	#5	9'-3"	—
s211(E)	92	#5	10'-5"	—
s212(E)	48	#5	8'-4"	—
s220(E)	40	#5	12'-2"	—
s221(E)	40	#5	9'-4"	—
v200(E)	110	#5	3'-1"	—
Concrete Superstructure Reinforcement Bars, Epoxy Coated			Cu. Yd.	482.8
Concrete Superstructure Reinforcement Bars, Epoxy Coated			Pound	144,400

Bars indicated 1 x 2-#4 etc. indicates 1 line of bars with 2 lengths per line.

MODEL: Sheet
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PLOT DATE = 04/03/2025	DRAWN - LK/CL	REVISED -
	CHECKED - ITC/MVV	REVISED -

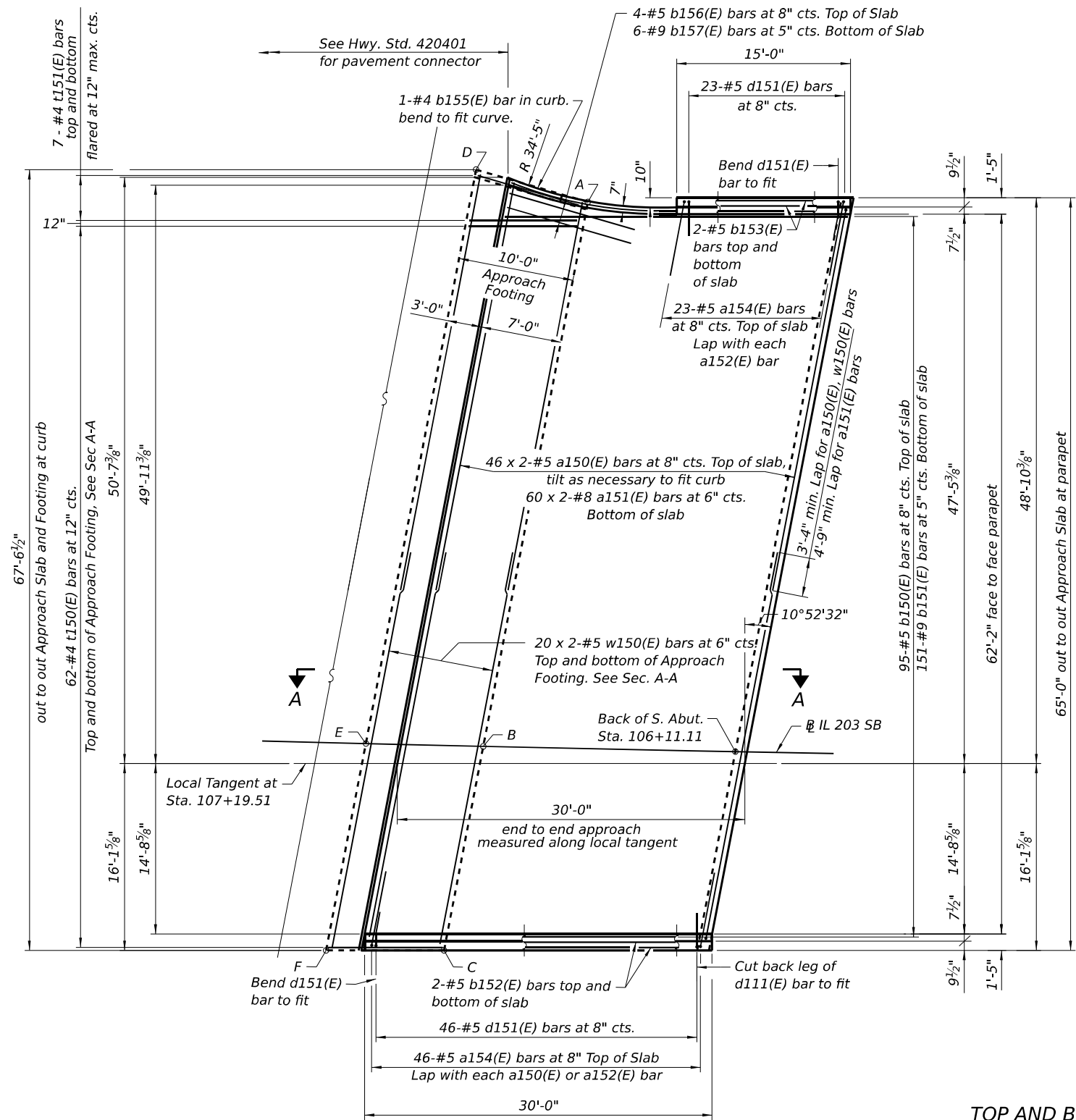
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STRUCTURE NOS. 082-0138 (NB) & 082-0139 (SB)

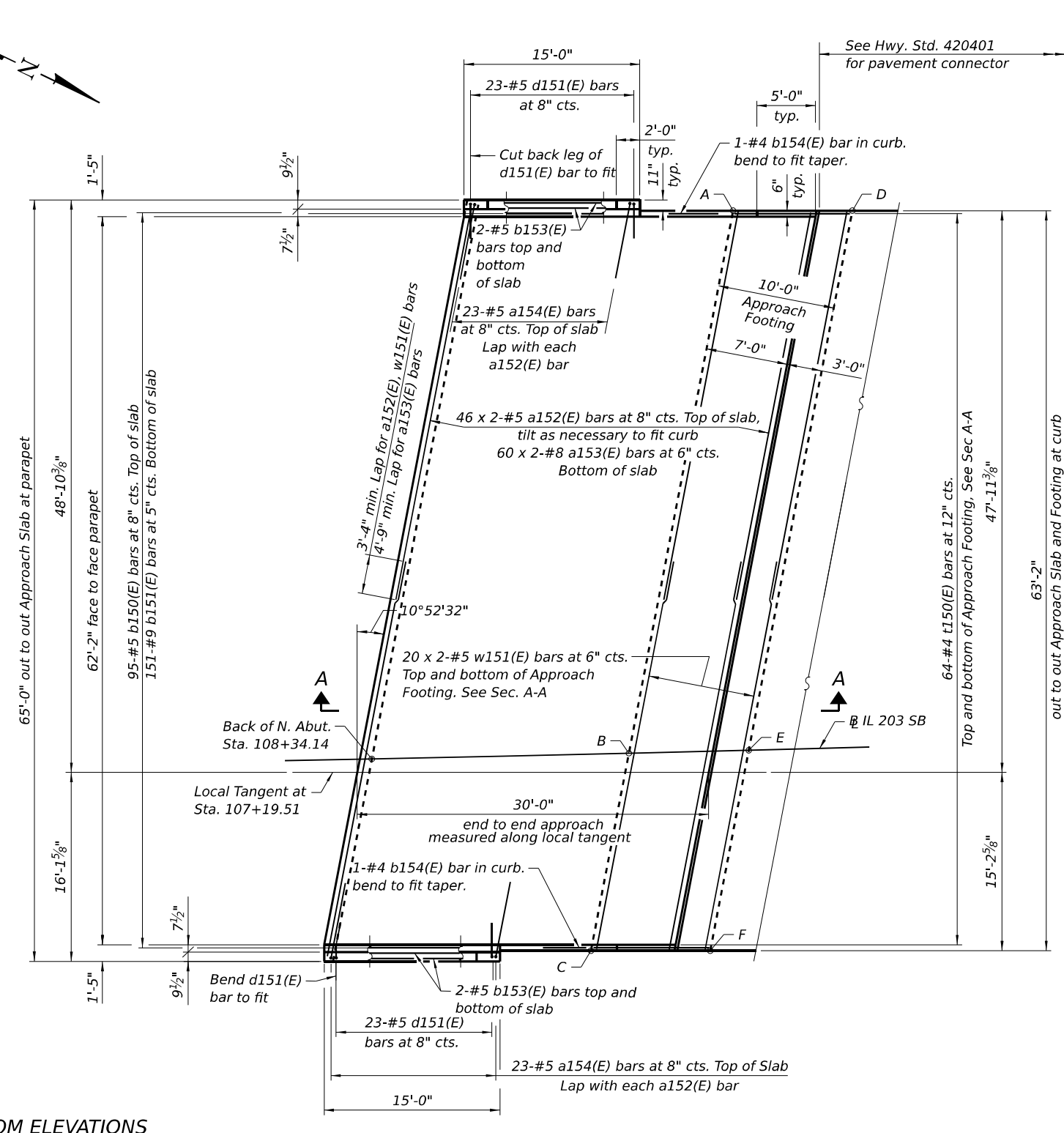
SHEET S18 OF S49 SHEETS

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 91
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

MODEL: Sheet
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 DATE: 04/03/2025 2:33:35 PM



PLAN
South Approach SB



PLAN
North Approach SB

**TOP AND BOTTOM ELEVATIONS
FOR APPROACH FOOTING - SB**

Point/ Location	South Approach		Point/ Location	North Approach	
	Top	Bottom		Top	Bottom
A - NW	413.03	412.20	A - SW	413.29	412.46
B - N PGL	413.88	413.05	B - S PGL	414.34	413.51
C - NE	414.19	413.36	C - SE	414.71	413.88
D - SW	412.86	412.03	D - NW	413.15	412.32
E - S PGL	413.75	412.92	E - N PGL	414.21	413.38
F - SE	414.07	413.24	F - NE	414.60	413.77



USER NAME = alarsova	DESIGNED - PAB	REVISED -
PLOT SCALE =	CHECKED - MVV	REVISED -
PLOT DATE = 04/03/2025	DRAWN - LK/CL	REVISED -
	CHECKED - MVV	REVISED -

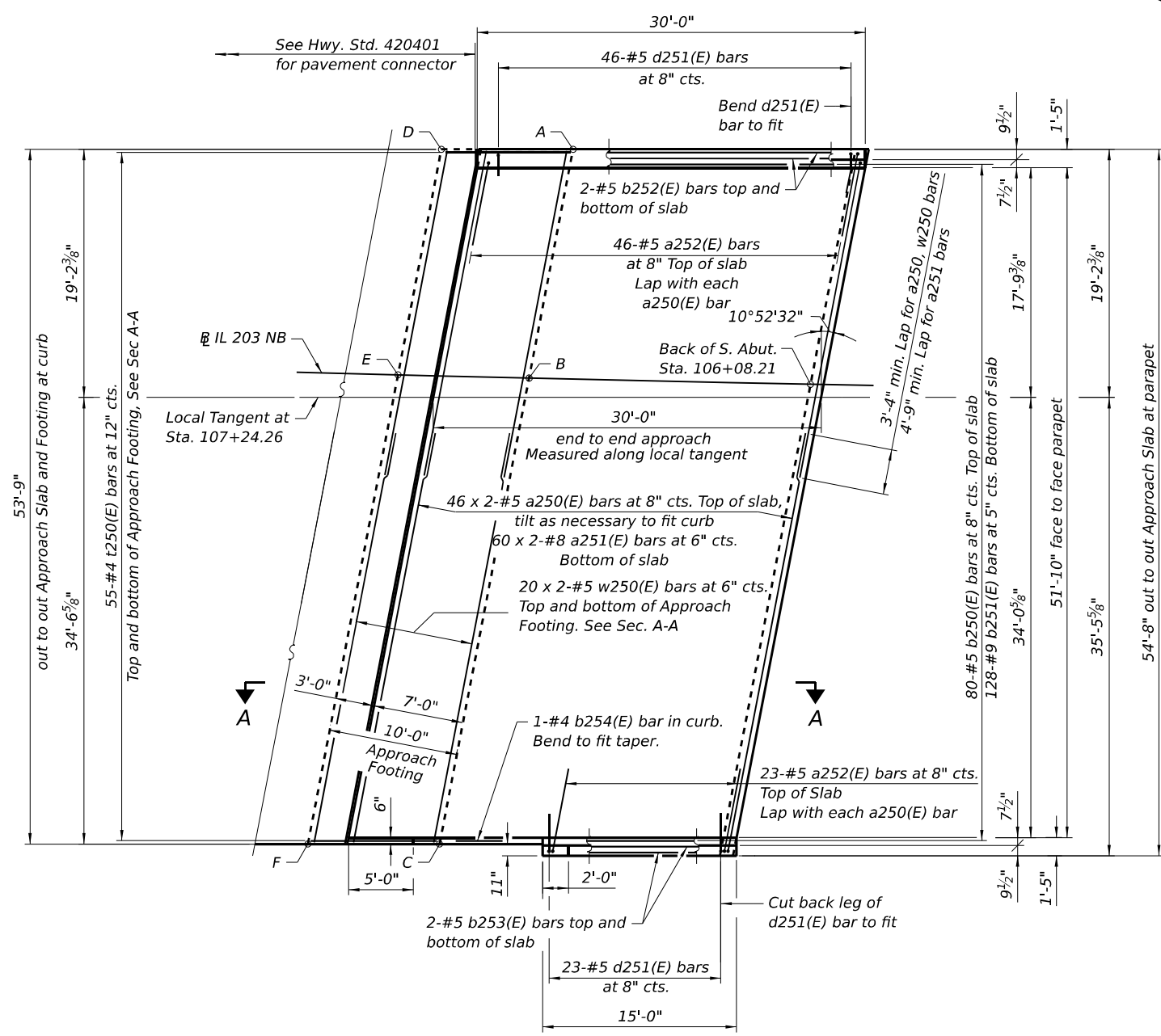
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**APPROACH SLAB LAYOUT SB
STRUCTURE NOS. 082-0138 (NB) & 082-0139 (SB)**

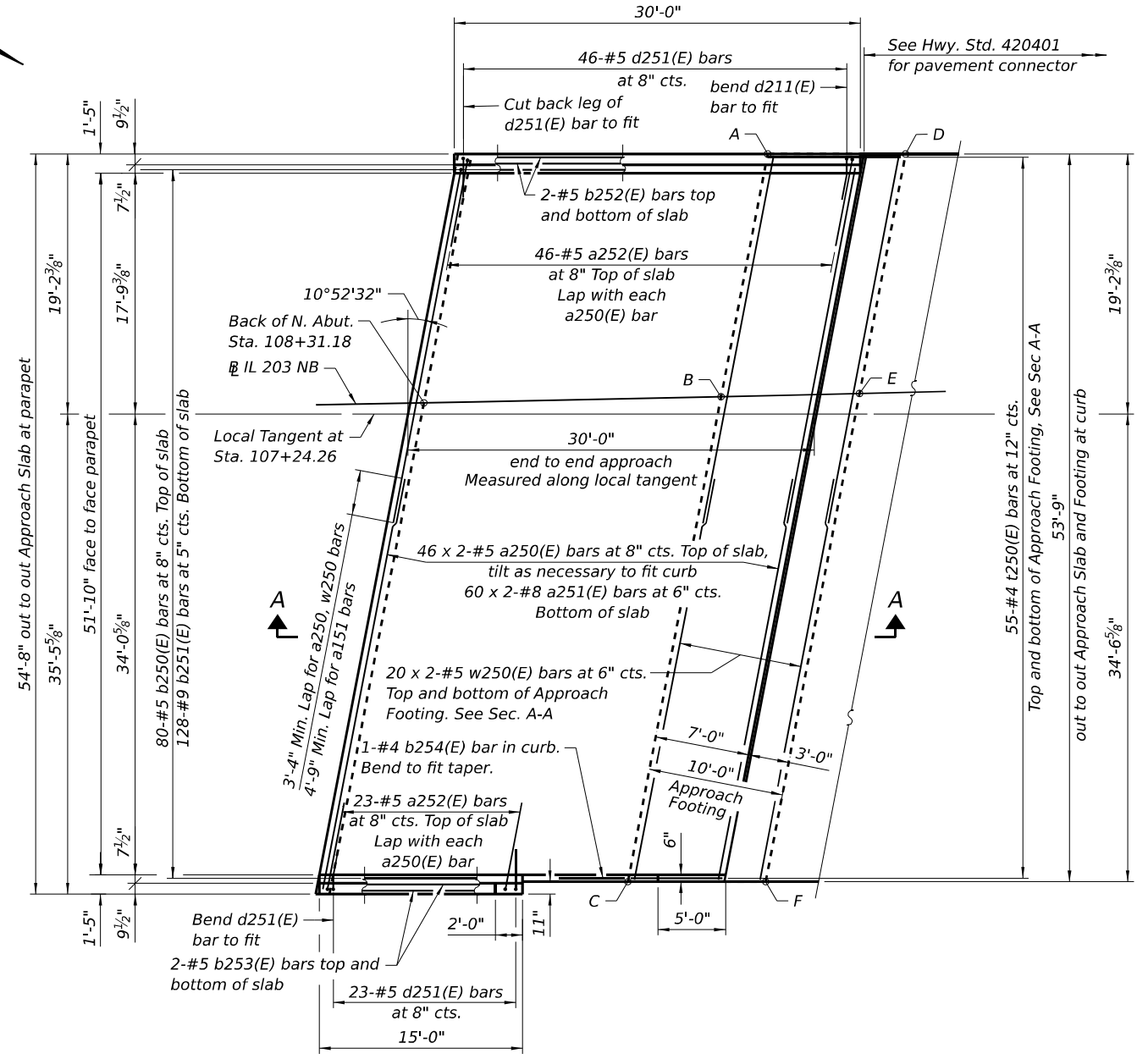
SHEET S23 OF S49 SHEETS

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 96
CONTRACT NO. 76T17			ILLINOIS FED. AID PROJECT	

MODEL: Sheet
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 PROJECT: 082-0138-01\SB\APP2.dwg
 USER: alarasova
 DATE: 04/03/2025
 TIME: 2:33:37 PM



PLAN
South Approach NB



PLAN
North Approach NB

**TOP AND BOTTOM ELEVATIONS
FOR APPROACH FOOTING - NB**

Point/ Location	South Approach		Point/ Location	North Approach	
	Top	Bottom		Top	Bottom
A - NW	413.88	413.05	A - SW	412.82	411.99
B - N PGL	414.21	413.38	B - S PGL	413.24	412.41
C - NE	414.89	414.06	C - SE	414.08	413.25
D - SW	413.81	412.98	D - NW	412.68	411.85
E - S PGL	414.13	413.30	E - N PGL	413.09	412.26
F - SE	414.81	413.98	F - NE	413.93	413.10



USER NAME = alarasova
 PLOT SCALE =
 PLOT DATE = 04/03/2025

DESIGNED - PAB
 CHECKED - MVV
 DRAWN - LK/CL
 CHECKED - MVV

REVISED -
 REVISED -
 REVISED -
 REVISED -

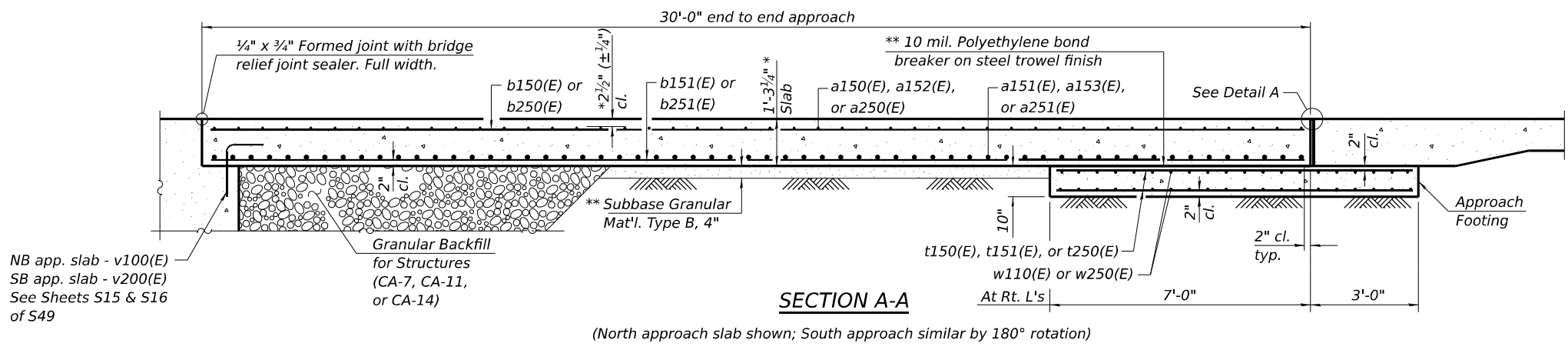
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**APPROACH SLAB LAYOUT NB
STRUCTURE NOS. 082-0138 (NB) & 082-0139 (SB)**

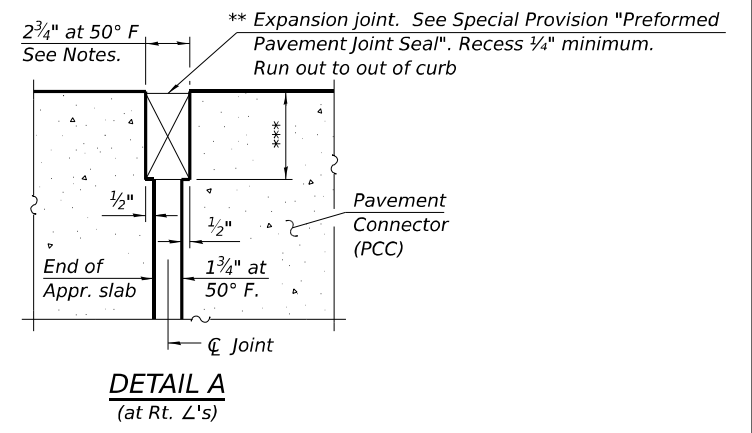
SHEET S24 OF S49 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	97
CONTRACT NO. 76T17				

ILLINOIS FED. AID PROJECT

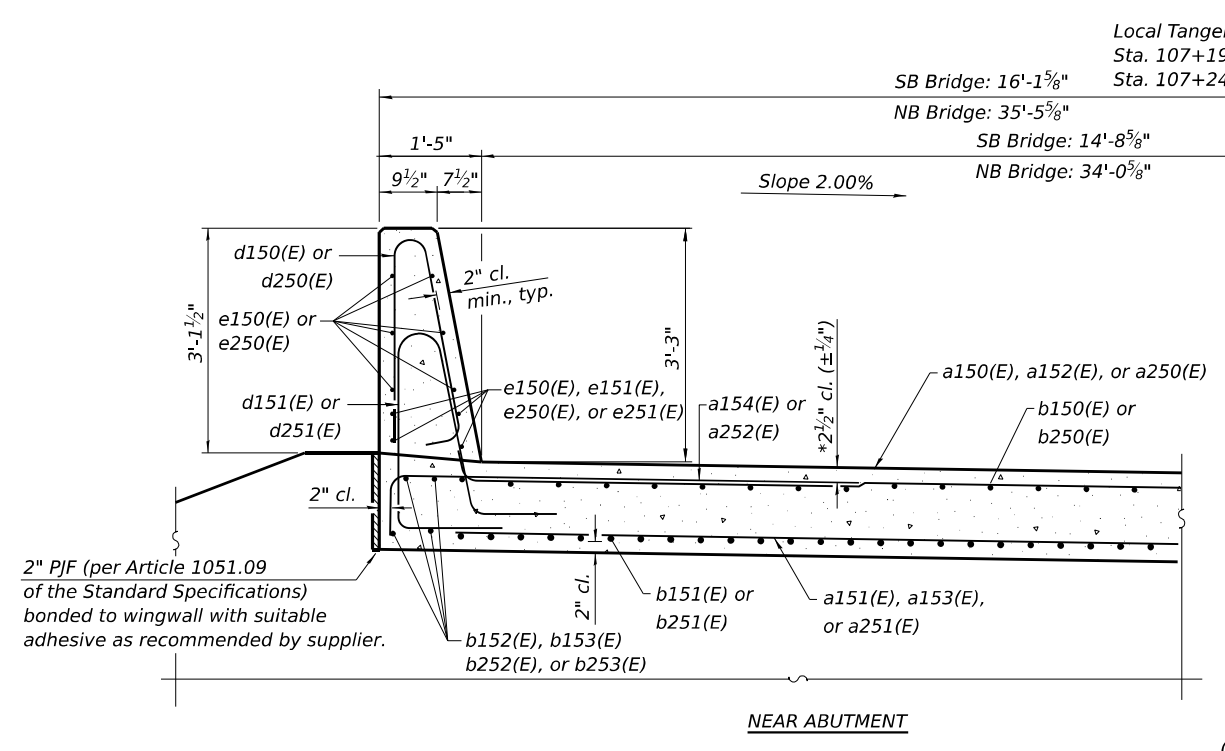


NB app. slab - v100(E)
SB app. slab - v200(E)
See Sheets S15 & S16
of S49



SECTION A-A
(North approach slab shown; South approach similar by 180° rotation)

DETAIL A
(at Rt. L's)



2" P/JF (per Article 1051.09
of the Standard Specifications)
bonded to wingwall with suitable
adhesive as recommended by supplier.

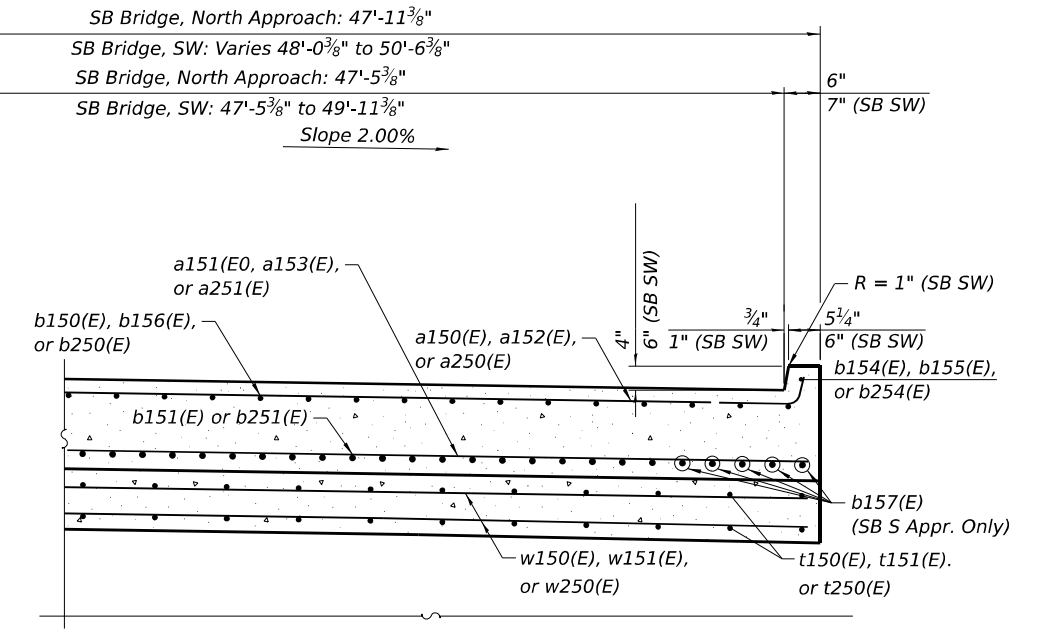
NEAR ABUTMENT

Local Tangent
Sta. 107+19.45 (SB)
Sta. 107+24.25 (NB)

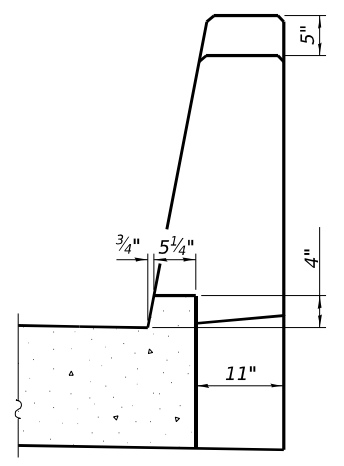
SB Bridge: 16'-1 5/8"
NB Bridge: 35'-5 5/8"
SB Bridge: 14'-8 5/8"
NB Bridge: 34'-0 5/8"

Slope 2.00%

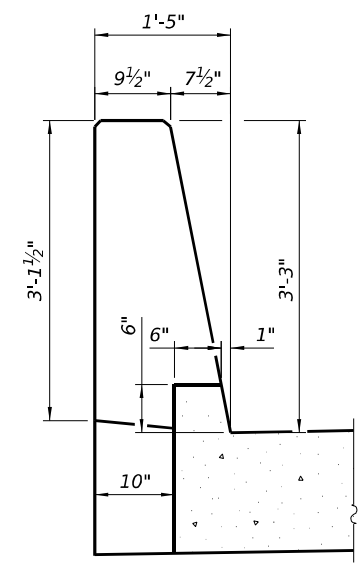
CROSS SECTION
(Looking South)
(See Plan for dimensions not shown)



AT APPROACH FOOTING
(Southbound Bridge NW shown.
Southbound Bridge SW similar except where noted.
Northbound bridge SE, NE Parapets similar by 180 rotation)



VIEW B-B



VIEW C-C

* Dimension prior to grinding
** Cost included with Concrete Superstructure (Approach Slab)
*** Per manufacturer recommendations

MODEL: Sheet
 FILE NAME: I:\Projects\2025\11-3-Connecticut Phase II Design\CADD\Contract 2 - IL Rte 203\04_Schematic\Structural\08-0138-0139-0138-76T1-025-APP3.dgn
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USER NAME = alarasova	DESIGNED - PAB	REVISIONS -
PLOT SCALE =	CHECKED - MVV	REVISIONS -
PLOT DATE = 04/03/2025	DRAWN - LK/CL	REVISIONS -
	CHECKED - MVV	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

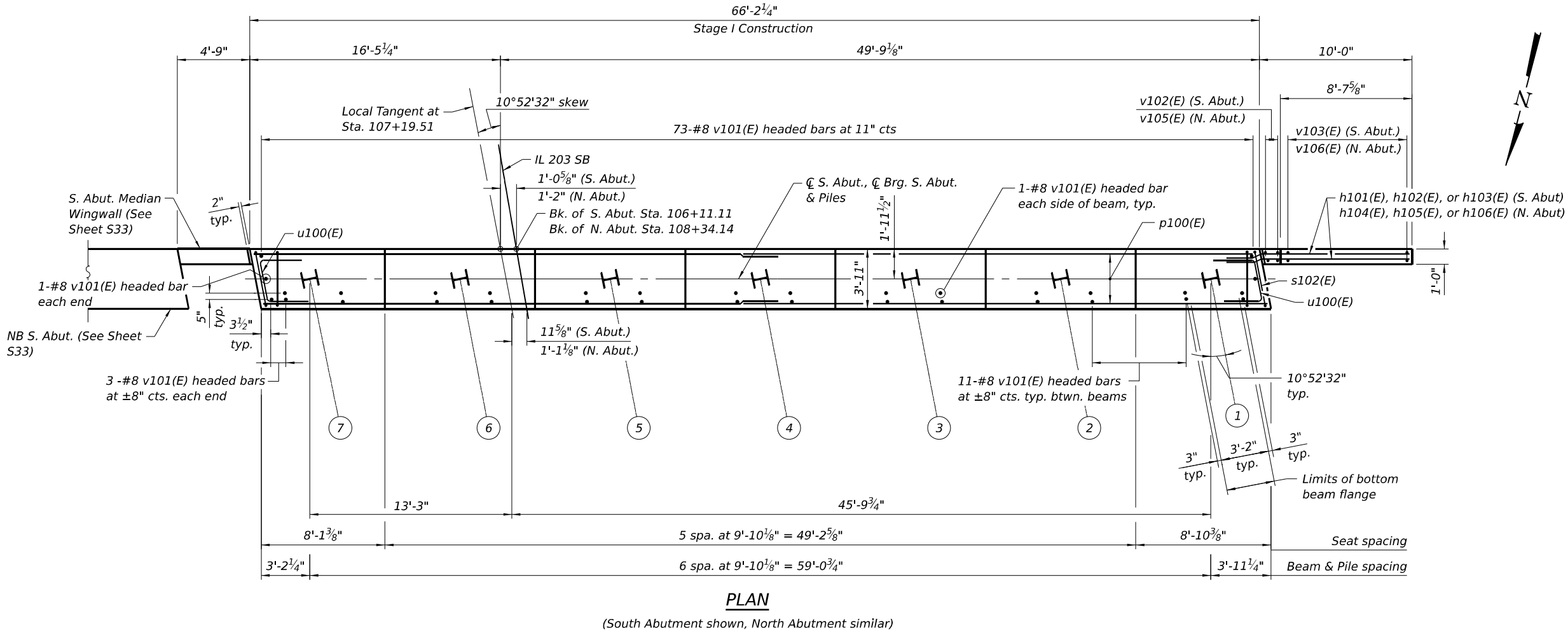
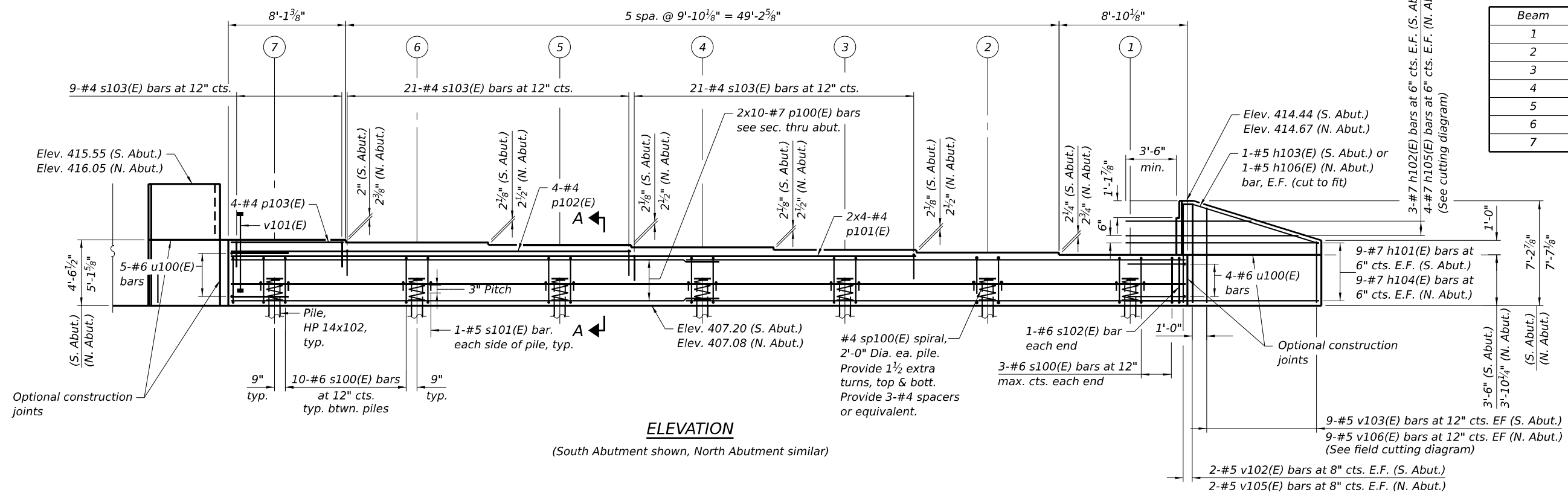
**BRIDGE APPROACH SLAB DETAILS - 1
STRUCTURE NOS. 082-0138 (NB) & 082-0139 (SB)**

SHEET S25 OF S49 SHEETS

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 98
CONTRACT NO. 76T17			ILLINOIS FED. AID PROJECT	

BEAM SEAT ELEVATIONS

Beam	S. Abut. Elev.	N. Abut. Elev.
1	410.70	410.94
2	410.88	411.17
3	411.05	411.38
4	411.23	411.59
5	411.40	411.81
6	411.57	412.02
7	411.74	412.22



MINIMUM BAR LAP
#7 BAR = 5'-0"
#4 BAR = 2'-11"

PILE DATA

N. ABUT.
Type: HP14x102
Nominal Required Bearing: 810 kips
Factored Resistance Available: 446 kips
Est. Length: 112 ft
No. Production Piles: 7

S. ABUT.
Type: HP14x102
Nominal Required Bearing: 810 kips
Factored Resistance Available: 446 kips
Est. Length: 107 ft
No. Production Piles: 7

Notes:
Pour steps monolithically with cap.
For details of piles see Sheet 39 of 49.
Bar terminators, paid for separately.
See Total Bill of Material.
Bars indicated thus 2 x 10 #7, etc. indicates 10 lines of bars with 2 lengths per line.



USER NAME = alarasova	DESIGNED - PAB/DB/EPP	REVISED -
PLOT SCALE =	CHECKED - ITC/MMV	REVISED -
PLOT DATE = 04/03/2025	DRAWN - LK/CL	REVISED -
	CHECKED - ITC/MMV	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABUTMENT SB
STRUCTURE NOS. 082-0138 (NB) & 082-0139 (SB)

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 105
CONTRACT NO. 76T17				

SHEET S32 OF S49 SHEETS

ILLINOIS FED. AID PROJECT

**BILL OF MATERIAL
PIER 1 - SB**

Bar	No.	Size	Length	Shape
h130(E)	120	#5	32'-7"	—
h131(E)	84	#5	34'-1"	—
p130(E)	9	#6	36'-0"	┌
p131(E)	4	#6	27'-7"	┌
p132(E)	5	#6	31'-2"	┌
p133(E)	8	#5	33'-6"	—
p134(E)	4	#5	28'-1"	—
p135(E)	4	#5	31'-8"	—
p136(E)	10	#4	25'-3"	—
p137(E)	5	#4	27'-11"	—
p138(E)	5	#4	8'-2"	—
s130(E)	176	#5	12'-9"	┐
s131(E)	50	#4	8'-4"	┐
s132(E)	546	#4	4'-11"	┐
s133(E)	52	#4	5'-5"	┐
u130(E)	9	#6	14'-4"	⊃
u131(E)	42	#6	12'-6"	⊃
v120(E)	86	#8	7'-4"	⌋
v130(E)	356	#5	22'-1"	—
Cofferdam Excavation		Cu. Yd.	870	
Cofferdam (Type 2)		Each	1	
Concrete Structures		Cu. Yd.	237.0	
Seal Coat Concrete		Cu. Yd.	289	
Reinforcement Bars, Epoxy Coated		Pound	24,240	
Mechanical Splicers		Each	17	
Furnishing Steel Piles HP14X89		Foot	1,440	
Driving Piles		Foot	1,440	
Test Pile Steel HP14x89		Each	1	

**BILL OF MATERIAL
PIER 2 - SB**

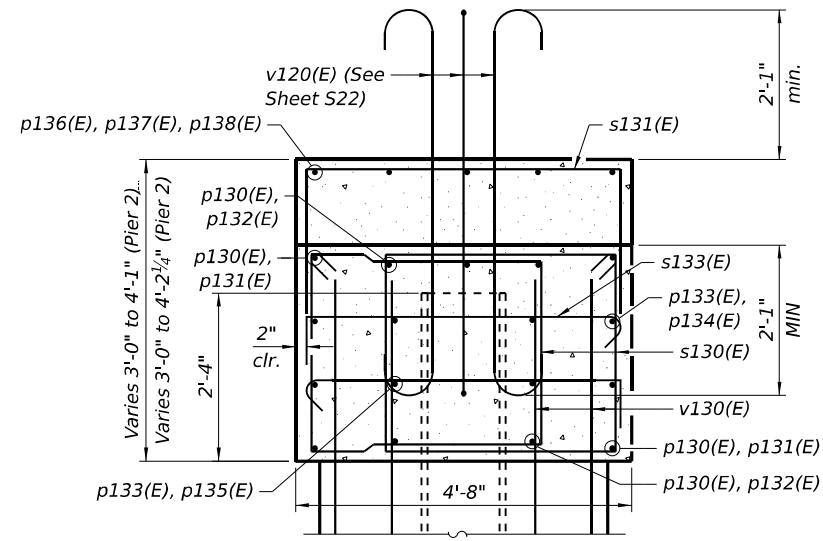
Bar	No.	Size	Length	Shape
h130(E)	124	#5	32'-7"	—
h131(E)	84	#5	34'-1"	—
p130(E)	9	#6	36'-0"	┌
p131(E)	4	#6	27'-7"	┌
p132(E)	5	#6	31'-2"	┌
p133(E)	8	#5	33'-6"	—
p134(E)	4	#5	28'-1"	—
p135(E)	4	#5	31'-8"	—
p136(E)	10	#4	25'-3"	—
p137(E)	5	#4	27'-11"	—
p138(E)	5	#4	8'-2"	—
s130(E)	176	#5	12'-9"	┐
s131(E)	50	#4	8'-4"	┐
s132(E)	546	#4	4'-11"	┐
s133(E)	52	#4	5'-5"	┐
u130(E)	9	#6	14'-4"	⊃
u131(E)	42	#6	12'-6"	⊃
v120(E)	86	#8	7'-4"	⌋
v130(E)	356	#5	22'-1"	—
Cofferdam Excavation		Cu. Yd.	1,111	
Cofferdam (Type 2)		Each	1	
Concrete Structures		Cu. Yd.	238.6	
Seal Coat Concrete		Cu. Yd.	298	
Reinforcement Bars, Epoxy Coated		Pound	24,380	
Mechanical Splicers		Each	17	
Furnishing Steel Piles HP14X89		Foot	1,612	
Driving Piles		Foot	1,612	

**BILL OF MATERIAL
PIER 1 - NB**

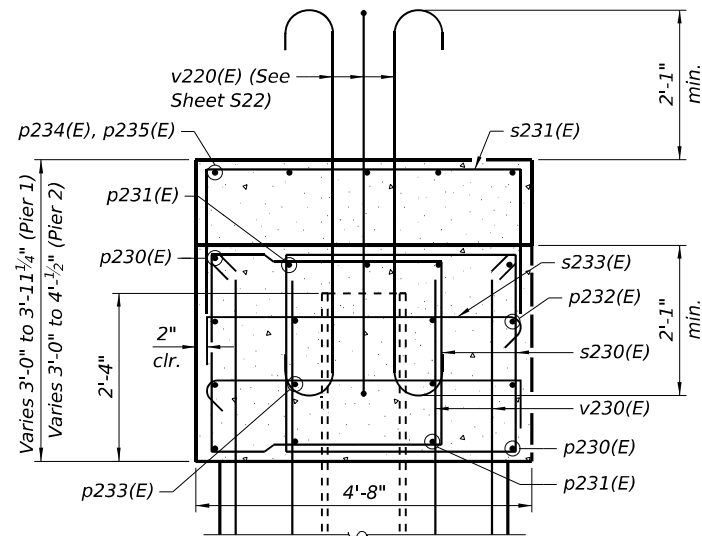
Bar	No.	Size	Length	Shape
h230(E)	62	#5	51'-0"	—
h231(E)	42	#5	54'-0"	—
p230(E)	4	#6	53'-0"	┌
p231(E)	5	#6	56'-7"	┌
p232(E)	4	#5	51'-0"	—
p233(E)	4	#5	54'-7"	—
p234(E)	5	#4	37'-4"	—
p235(E)	5	#4	17'-8"	—
s230(E)	148	#5	12'-9"	┐
s231(E)	38	#4	8'-4"	┐
s232(E)	462	#4	4'-11"	┐
s233(E)	44	#4	5'-5"	┐
u230(E)	9	#6	14'-4"	⊃
u231(E)	42	#6	12'-6"	⊃
v220(E)	72	#8	7'-4"	⌋
v230(E)	298	#5	22'-5"	—
Cofferdam Excavation		Cu. Yd.	762	
Cofferdam (Type 2)		Each	1	
Concrete Structures		Cu. Yd.	201.5	
Seal Coat Concrete		Cu. Yd.	254	
Reinforcement Bars, Epoxy Coated		Pound	20,250	
Furnishing Steel Piles HP14X89		Foot	1,265	
Driving Piles		Foot	1,265	

**BILL OF MATERIAL
PIER 2 - NB**

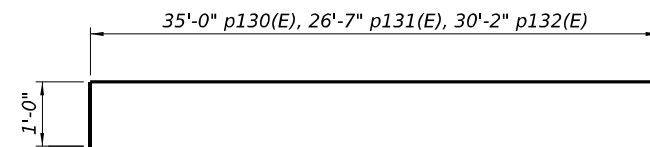
Bar	No.	Size	Length	Shape
h230(E)	62	#5	51'-0"	—
h231(E)	42	#5	54'-0"	—
p230(E)	4	#6	53'-0"	┌
p231(E)	5	#6	56'-7"	┌
p232(E)	4	#5	51'-0"	—
p233(E)	4	#5	54'-7"	—
p234(E)	5	#4	37'-4"	—
p235(E)	5	#4	17'-8"	—
s230(E)	148	#5	12'-9"	┐
s231(E)	38	#4	8'-4"	┐
s232(E)	462	#4	4'-11"	┐
s233(E)	44	#4	5'-5"	┐
u230(E)	9	#6	14'-4"	⊃
u231(E)	42	#6	12'-6"	⊃
v220(E)	72	#8	7'-4"	⌋
v230(E)	298	#5	22'-5"	—
Cofferdam Excavation		Cu. Yd.	916	
Cofferdam (Type 2)		Each	1	
Concrete Structures		Cu. Yd.	199	
Seal Coat Concrete		Cu. Yd.	245	
Reinforcement Bars, Epoxy Coated		Pound	20,250	
Furnishing Steel Piles HP14X89		Foot	1,342	
Driving Piles		Foot	1,342	



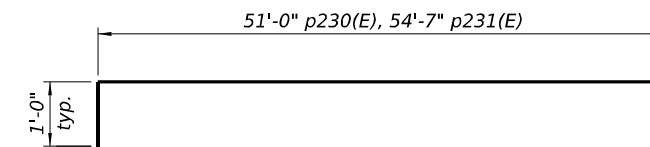
SECTION SB PIER 1 & 2



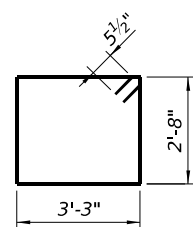
SECTION NB PIER 1 & 2



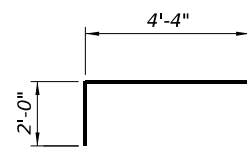
BARS p130(E), p131(E) & p132(E)



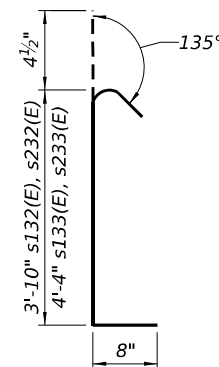
BARS p230(E) & p231(E)



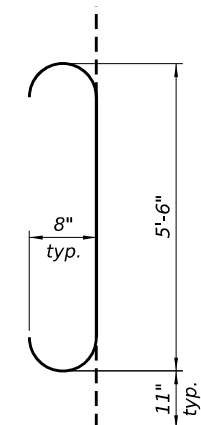
BARS s130(E) & s230(E)



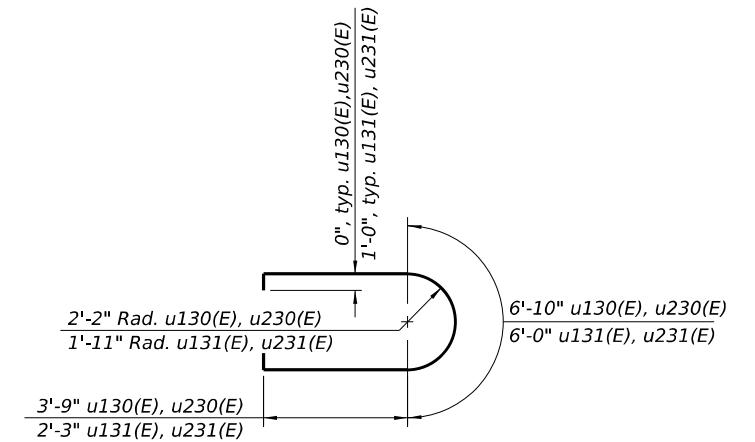
BARS s131(E) & s231(E)



BARS s132(E), s133(E) & s232(E), s233(E)



BARS v120(E) & v220(E)



BARS u130(E), u131(E) & u230(E), u231(E)

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 PROJECT: ILLINOIS STATE DEPARTMENT OF TRANSPORTATION
 PROJECT NO: 082-0138-01
 SHEET NO: 110 OF 140
 DATE: 04/03/2025
 USER: alarasova



USER NAME = alarasova	DESIGNED - DB/NCS	REVISED -
PLOT SCALE =	CHECKED - TFS/SK	REVISED -
PLOT DATE = 04/03/2025	DRAWN - LK/CL/AA	REVISED -
	CHECKED - DB/ITC	REVISED -

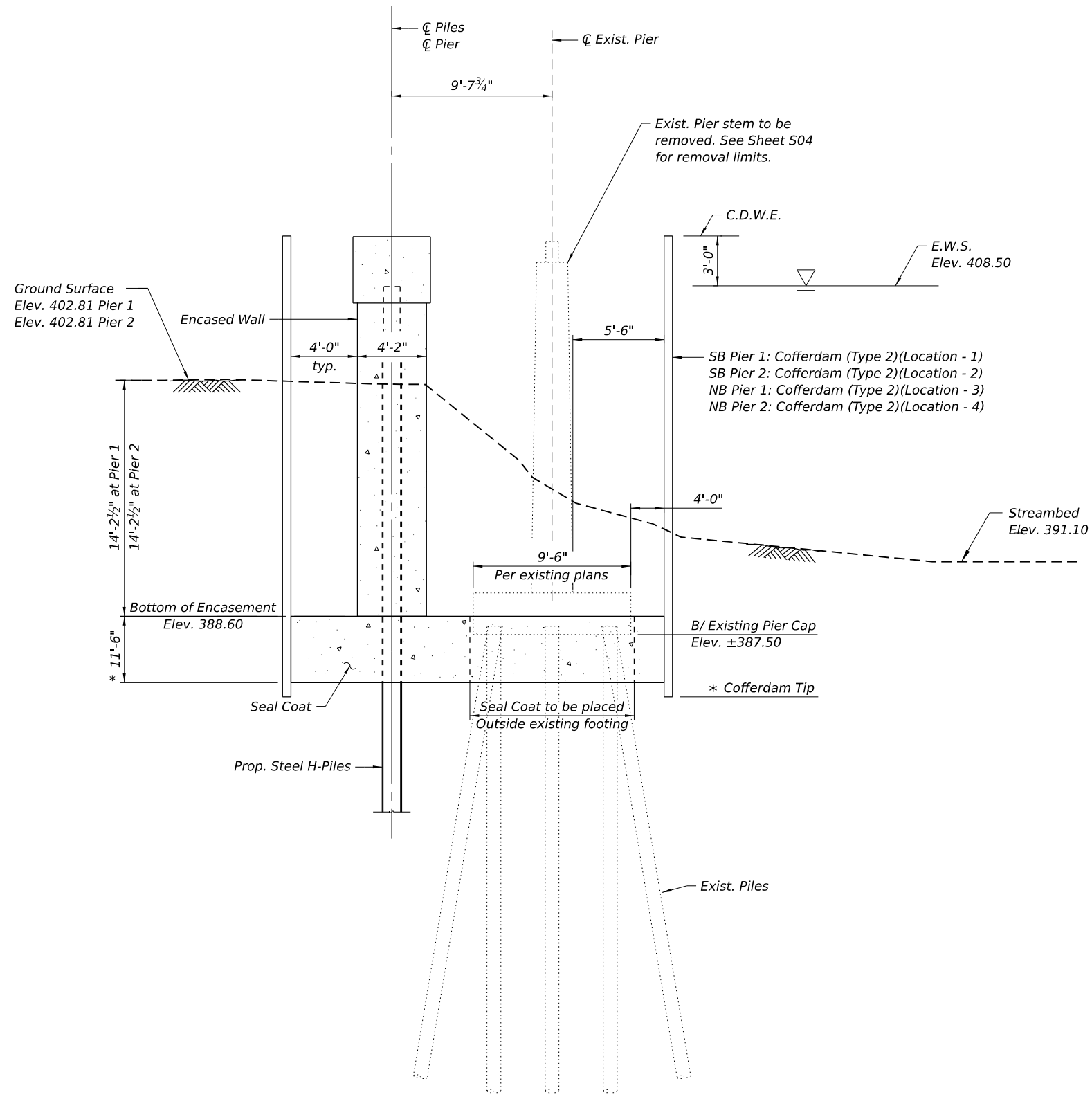
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PIER DETAILS
STRUCTURE NOS. 082-0138 (NB) & 082-0139 (SB)**

SHEET S37 OF S49 SHEETS

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 110
CONTRACT NO. 76T17			ILLINOIS FED. AID PROJECT	

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SECTION THRU COFFERDAM

(Pier 1 & Pier 2)

*Final design by contractor

Notes:
 See Sheet S04 of S49 for Substructure Layout and Cofferdam Limits.
 See Sheet S37 of S49 for Bill of Material
 Seal Coat to be poured around existing pier footing.



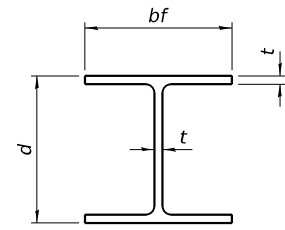
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PLOT DATE = 04/03/2025	CHECKED - ITC/AFC	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COFFERDAM AND SEAL COAT DETAILS
 STRUCTURE NOS. 082-0138 (NB) & 082-0139 (SB)**

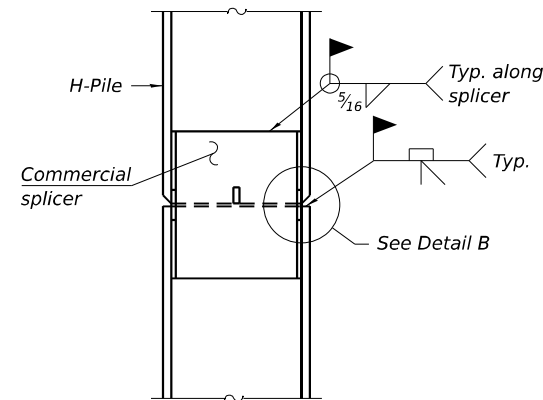
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	111
CONTRACT NO. 76T17				
		ILLINOIS FED. AID PROJECT		

SHEET S38 OF S49 SHEETS

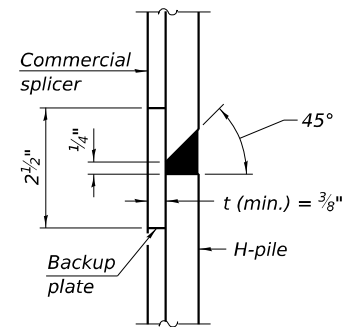


STEEL PILE TABLE

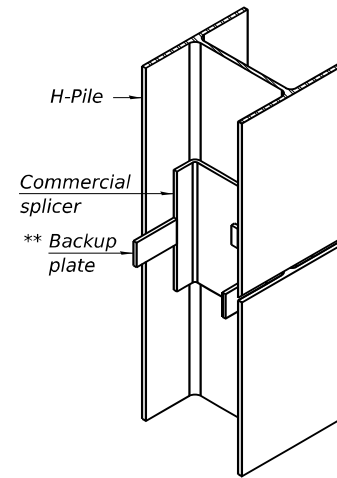
Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter A
HP 18x181	18	18	1	36"
x157	17 3/4"	17 7/8"	7/8"	36"
x135	17 1/2"	17 3/4"	3/4"	36"
HP 16x183	16 1/2"	16 1/2"	1 1/8"	36"
x162	16 1/4"	16 1/8"	1"	36"
x141	16	16	7/8"	36"
x121	15 3/4"	15 7/8"	3/4"	36"
HP 14x117	14 1/4"	14 7/8"	13/16"	30"
x102	14"	14 3/4"	11/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 5/8"	14 5/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	11/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"



ELEVATION

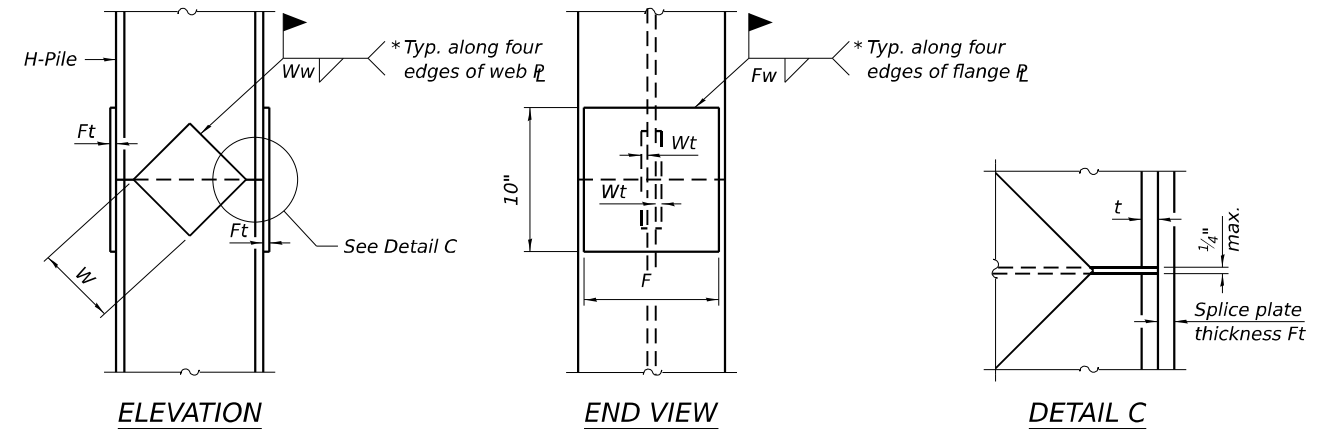


DETAIL B



ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE



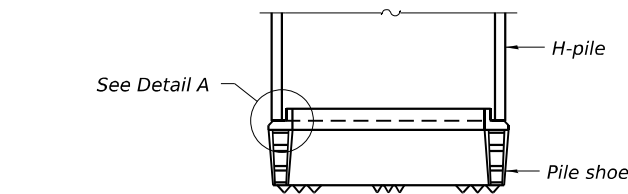
ELEVATION

END VIEW

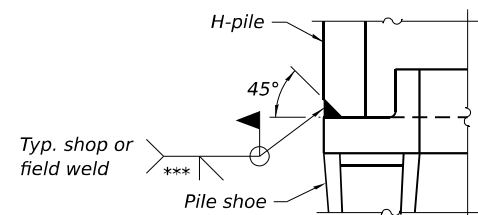
DETAIL C

Designation	F	Ft	Fw	W	Wt	Ww
HP 18x181	15 1/2"	1 1/2"	1"	9 1/2"	7/8"	3/4"
x157	15 1/4"	1 1/4"	1"	9 1/2"	7/8"	3/4"
x135	15 1/4"	1 1/4"	1"	9 1/2"	7/8"	3/4"
HP 16x183	13 3/4"	1 1/2"	1"	8 1/4"	7/8"	3/4"
x162	13 1/2"	1 1/2"	1"	8 1/4"	3/4"	5/8"
x141	13 1/2"	1 1/4"	7/8"	8 1/4"	3/4"	5/8"
x121	13 1/2"	1 1/4"	7/8"	8 1/4"	3/4"	5/8"
HP 14x117	12 1/2"	1 1/4"	7/8"	7 3/4"	5/8"	1/2"
x102	12 1/2"	1"	3/4"	7 3/4"	5/8"	1/2"
x89	12 1/2"	7/8"	11/16"	7 3/4"	5/8"	1/2"
x73	12 1/2"	3/4"	9/16"	7 3/4"	5/8"	1/2"
HP 12x84	10"	1"	11/16"	6 1/2"	5/8"	1/2"
x74	10"	7/8"	11/16"	6 1/2"	5/8"	1/2"
x63	10"	3/4"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	3/4"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	7/8"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	6 3/4"	5/8"	7/16"	4"	1/2"	3/8"

WELDED PLATE FIELD SPLICE



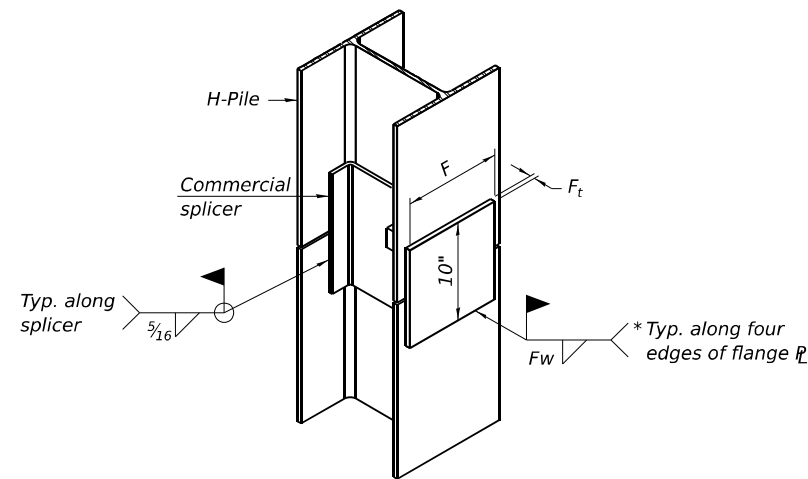
ELEVATION



DETAIL A

SHOE ATTACHMENT

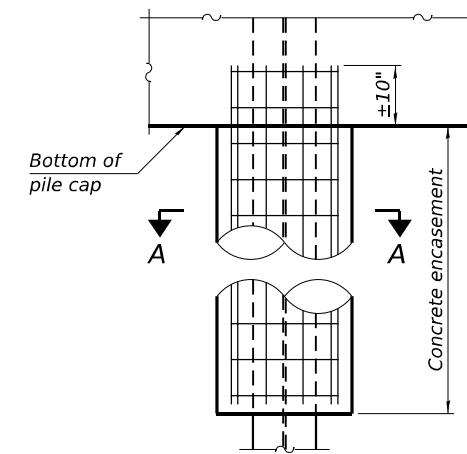
Note:
The steel H-piles shall be according to AASHTO M270 Grade 50.



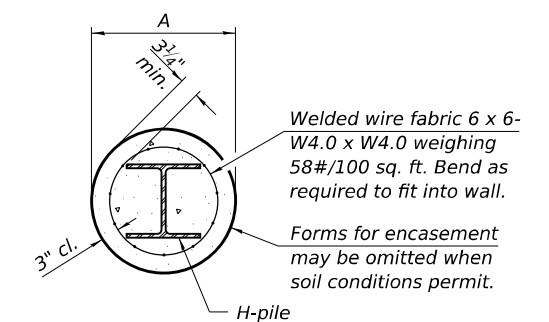
ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE

- * Interrupt welds 1/4" from end of web and/or each flange.
- ** Remove portions of backup plates that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (5/16" min.).



ELEVATION



SECTION A-A

INDIVIDUAL PILE CONCRETE ENCASUREMENT (when specified)

F-HP

10-27-2023



USER NAME =	atarasova
PLOT SCALE =	
PLOT DATE =	04/03/2025

DESIGNED -	LK
CHECKED -	DB
DRAWN -	LK
CHECKED -	DB

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HP PILE DETAIL
STRUCTURE NOS. 082-0138 (NB) & 082-0139 (SB)

SHEET S39 OF S49 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	112
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

MODEL: Sheet
FILE NAME: I:\projects\hntb\hp\p\Gnest_Lakes\Documents\Chicago\Project\4824\DOT\Diels\8\PP\01_3_Connector\Phase II\Design\CADD\Contract 2 - IL_RR_2020\04_Shaheel\Structural\082-0138-0139-F11-2023-PL E.dwg



ROCK CORE LOG

ROUTE IL Rte 3 DESCRIPTION IL 203 Bridge Boring - NW LOGGED BY KEG
 SECTION 2-R LOCATION St. Clair and Madison Counties, IL
 COUNTY Madison & St. Clair CORING METHOD Coring

STRUCT. NO.	CORING BARREL TYPE & SIZE	DEPTH (ft)	COVERY (%)	RECOVERED (%)	CORE TIME (min/ft)	STRENGTH (tsf)
082-0139 Station 107+22.20	2" NQ Core Diameter 2 in Top of Rock Elev. 284.20 ft Begin Core Elev. 282.70 ft	282.70	100	97	3.6	
		281.41				
		275.89				1605.0
		272.70				
		275.64				
		272.70				
		140				
		145				
		150				

Color pictures of the cores Yes No
 Cores will be stored for examination until Yes No
 The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938) BBS, form 138 (Rev. 8-99)



SOIL BORING LOG

ROUTE IL Rte 3 DESCRIPTION IL 203 Bridge Boring - NE LOGGED BY KEG
 SECTION 2-R LOCATION St. Clair and Madison Counties, IL
 COUNTY Madison & St. Clair DRILLING METHOD HSA to 30' Rotary to Term HAMMER TYPE AUTO

STRUCT. NO.	DESCRIPTION	DEPTH (ft)	BL (ft)	UC (ft)	MO (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter Upon Completion After Hrs.	DEP (ft)	BL (ft)	UC (ft)	MO (%)
082-0139 Station 107+18.59	2" ASPHALT PAVEMENT	414.1											
	4" CONCRETE PAVEMENT	413.7											
	2" FINE SAND	413.5	1										
	CLAY - Gray, Med. Stiff	2	1.3	31									
	becomes gray and black	1											
		2	1.3	33									
		2											
	becomes med. stiff to stiff	2											
		3	1.5	33									
		4											
		1											
		3	1.3	27									
		4											
		1											
		2	1.5	36									
		4											
	becomes stiff, w/sand	1											
		2	0.7	39									
		2											
		1											
		2	0.7	35									
		2											
	becomes moist	1											
		2	0.3	38									
		1											
	becomes wet	1											
		7											
		8											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, form 137 (Rev. 8-99)

Notes:
 For location of soil borings, see Sheet S1 of S49.

MODEL: Sheet
 FILE NAME: I:\p\p\p\hntb\corp\p\p\p\hntb\Documents\Chicago\Project\4824\DOT\Draws\8\PP\01\1_3_Connecticut Phase II Design\CADD\Constr. 2 - IL Rte 203\04_Sheets\Structural\08-0138-0139-0138-7611-547-50R66.dgn
 5/7/2025 2:34:26 PM



USER NAME = alarasova	DESIGNED - LK	REVISED -
PLOT SCALE =	CHECKED - ITC	REVISED -
PLOT DATE = 04/03/2025	DRAWN - LK	REVISED -
	CHECKED - ITC	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS 6
 STRUCTURE NOS. 082-0138 (NB) & 082-0139 (SB)

F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 120
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



ROCK CORE LOG

Page 1 of 1

Date 7/30/24

ROUTE IL Rte 3 DESCRIPTION IL 203 Bridge Boring - NE LOGGED BY KEG

SECTION 2-R LOCATION St. Clair and Madison Counties, IL

COUNTY Madison & St. Clair CORING METHOD Coring

STRUCT. NO. 082-0138 CORING BARREL TYPE & SIZE 2" NQ
Station 107+18.59

BORING NO. SB-45 Core Diameter 2 in
Station 108+23 Top of Rock Elev. 283.21 ft
Offset 8.0 R RT Begin Core Elev. 283.21 ft
Ground Surface Elev. 414.21 ft

	DEPTH (ft)	CORE (#)	RECOVERY (%)	Q-D (%)	CORE TIME (min/ft)	STRENGTH (tsf)
SHALE - Red, Highly Weathered	283.21	1	50	0	4	
becomes gray						
	-135					
LIMESTONE - Gray, Unweathered	278.71	2	100	02	4	847.0
	-140					
End of Boring	273.21	3	100	100	2	
	-145					
	-150					

Color pictures of the cores Yes
Cores will be stored for examination until Yes
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938) BBS, form 138 (Rev. 8-99)



Notes:
For location of soil borings, see Sheet S1 of S49.

MODEL: Sheet
FILE NAME: I:\work\hntb\corp\11\Grest_Lakes\Documents\Chicago\Project\4824\DOT\Draws\8\PP\01\1_3_Connecticut Phase II Design\CADD\Contract 2 - IL Rte 203\04_Sheet\Structural\082-0138-0139-0138-7617-549-SB08.dgn



USER NAME = alarasova	DESIGNED - LK	REVISED -
PLOT SCALE =	CHECKED - ITC	REVISED -
PLOT DATE = 04/03/2025	DRAWN - LK	REVISED -
	CHECKED - ITC	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS 8
STRUCTURE NOS. 082-0138 (NB) & 082-0139 (SB)

SHEET S49 OF S49 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	122
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

B.M. R.R. Spike in 12' Elm Approx
530' Lt. of Sta. 154 + 00 El. 409.25
Existing Structures: None

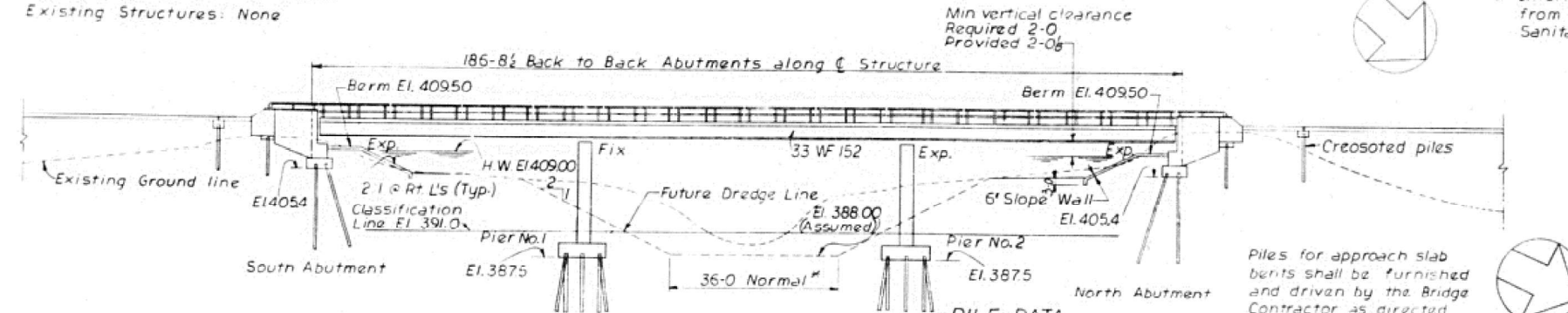
FEDERAL-AID ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.-4	580-B	ST. CLAIR	21	5
FED. ROAD DIV. NO. 4 ILLINOIS PROJECT				

GENERAL NOTES

Class "X" Concrete shall be used throughout except in Piers.
Class "A" Concrete shall be used in Piers.
The concrete floor slab shall be finished in accordance with Article 5119 of the Standard Specifications.
Slope wall shall be reinforced with welded wire fabric 6"x6" mesh, #4 wires, weighing 56 # per 100 sq. ft.
Layout of slope walls may be varied to suit ground conditions in the field, as directed by the Engineer.
Rivets 3/4"; Open holes 1/8", unless noted.
Field connections riveted, unless noted.
Railings shall be adjusted to true alignment after curbs have been poured.
All bolsters, rockers, bearing plates, lead plates, pintles and anchor bolts shall be fabricated and set in accordance with Article 5115 of the Standard Specifications and are included in quantity of Structural Steel.
Anchor bolts shall be set before riveting diaphragms over supports.
All steel handrail posts shall be vertical.
The following surfaces of expansion guards shall be given two shop coats of red lead paint; The back of the vertical legs of guard angles.
Expansion guards are included in quantity of Structural Steel. (Estimated weight 3500 lbs).
Except as otherwise provided, all structural steel shall receive one shop coat of red lead paint and two field coats of aluminum paint. See Articles 56.1 to 56.5 inclusive of the Standard Specification.
All paint shall be furnished and applied by the Contractor.
The Contractor shall drive 4 Test Piles (Concrete) in permanent locations as directed by the Engineer before ordering or casting remainder of piles.
Test piles shall be located one each at SW Abutment, Pier 1E, Pier 2W and NE Abutment.
The Contractor shall precure holes for concrete piles where the bottom of footings are located in fill material before driving concrete piles. Precuring should extend to El. 408.00 at the N. Abutments and to El. 406.00 at the S. Abutments.
The Contractor shall backfill any excavation to the level of levee cross section as it existed before or as directed by the Engineer.

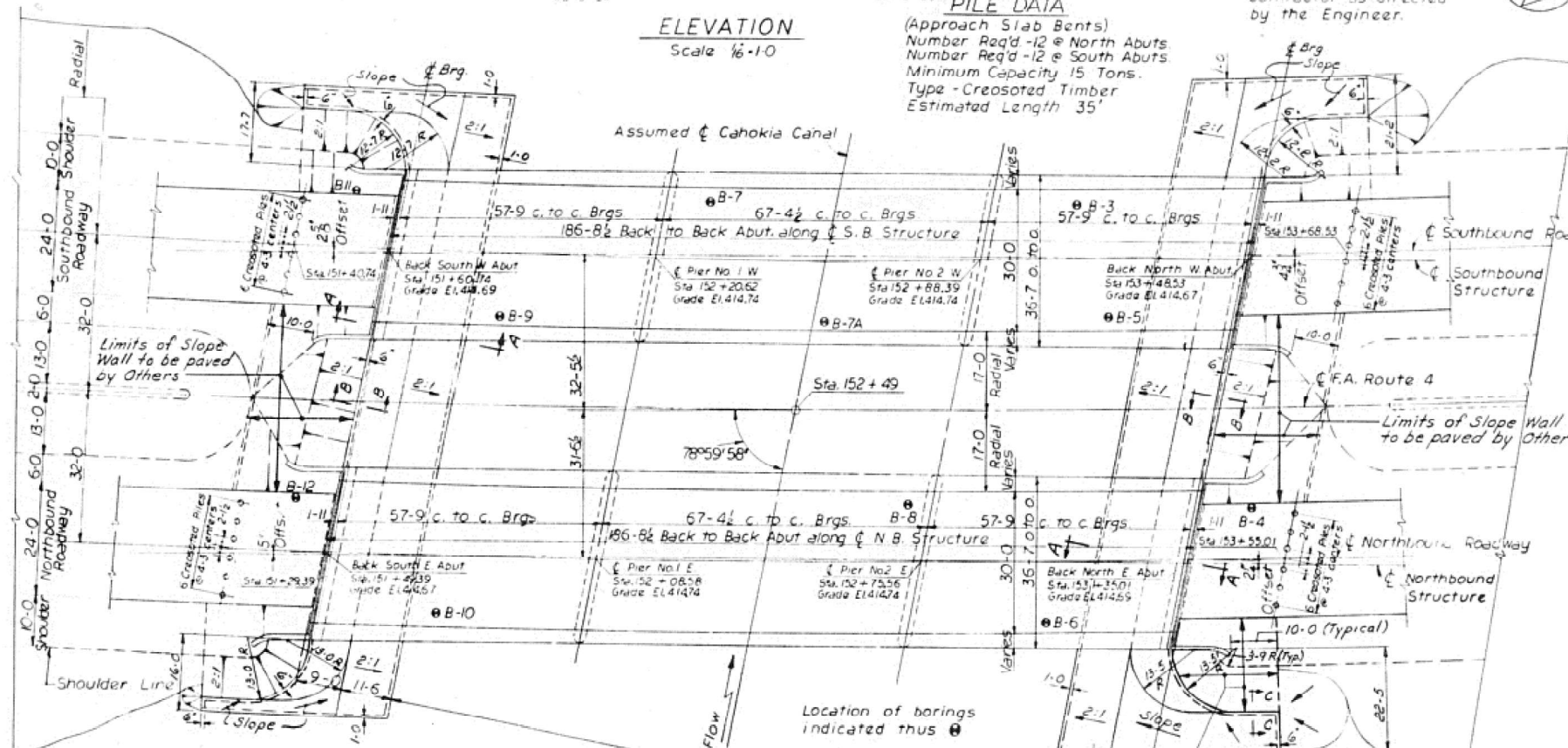
DESIGN STRESSES

fc = 1,400 psi. Superstructure and Substructure without earth pressure
fc = 1,000 psi. Substructure with earth pressure
fs = 20,000 psi. Reinforcement Steel
fs = 18,000 psi. Structural Steel
n = 10
v = 75 psi. Pier Footings

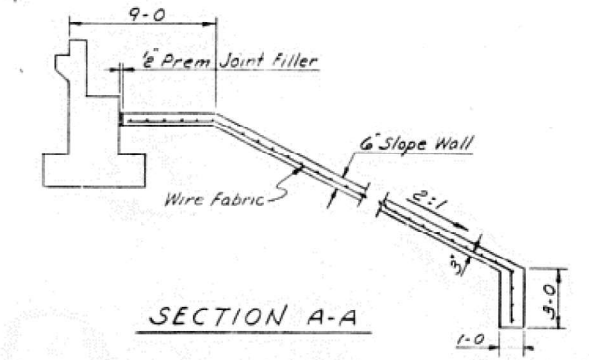


ELEVATION
Scale 1/8" = 1'-0"

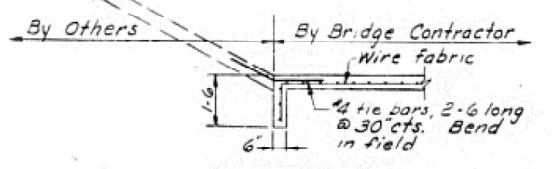
PILE DATA
(Approach Slab Bents)
Number Req'd - 12 @ North Abut.
Number Req'd - 12 @ South Abut.
Minimum Capacity 15 Tons.
Type - Crested Timber
Estimated Length 35'



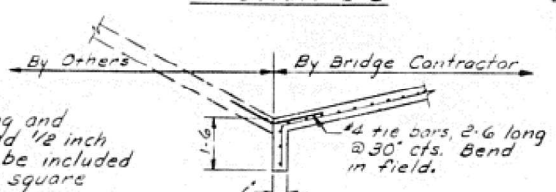
PLAN
Scale 1/8" = 1'-0"



SECTION A-A



SECTION B-B



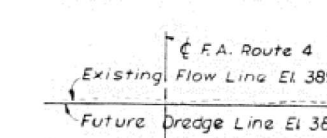
SECTION C-C

NOTE: The cost of furnishing and placing the No. 4 tie bars and 1/2 inch premolded joint filler shall be included in the contract unit price per square yard for Slope Wall.

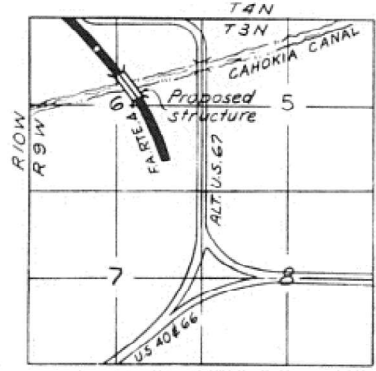
HOR. CURVE DATA
F.A. ROUTE 4

Δ = 38°26'06"
D = 1°00'00"
R = 5,729.58'
L = 3,843.50'
T = 1,997.22'
E = 338.12'
P.I. Sta. 150 + 94.53
S.E. = 0.0201/Ft.

PROFILE F.A. ROUTE 4



PROFILE CAHOKIA CANAL



LOCATION SKETCH

Sta. 152 + 49
BUILT 19 BY
STATE OF ILLINOIS
F.A.R.T. 4 SEC 580-B
Proj. U-242(119)
LOADING H20-S16

NAME PLATE

See Standard 2113
For Location of Name Plate see Sh. No. 6

WATERWAY DATA
1768 sq. ft. provided by dredged Channel
± 1240 sq. ft. provided by undredged Channel.

TOTAL BILL OF MATERIAL				
ITEM	UNIT	SECTION 580-B		
		SUPER	SUB	TOTAL
Class "X" Concrete	Cu. Yds.	378.7	160.2	538.5
Reinforcement bars	Lbs.	59510	22510	82020
Structural Steel	Lbs.	400880	—	400880
Metal Handrail	Lin. Ft.	804	—	804
Name Plates	Ea.	2	—	2
Concrete Piles	Lin. Ft.	—	5448	5448
Test Piles (Concrete)	Ea.	—	4	4
Crested piles (20 in dia)	Lin. Ft.	—	1080	1080
Slope Wall (6")	Sq. Yds.	—	995	995
Class "A" Excavation for Structures	Cu. Yds.	—	1911	1911
Class "B" Excavation for Structures	Cu. Yds.	—	315	315
Class "A" Concrete	Cu. Yds.	—	402.7	402.7

April 10, 1959

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
GENERAL PLAN AND ELEVATION
F.A. ROUTE 4
OVER CAHOKIA CANAL
F.A. ROUTE 4 SECTION 580-B
ST. CLAIR COUNTY STATION 152+49.00
H. W. LOCHNER, INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS
Sh. No. 1

LOADING: H20-S16-44

MODEL: Pg 3 (Sheet)
FILE NAME: c:\cadd\hwy\hmb_jschaefer\greatlakes\0418963\0876171-sh-est-builts.dgn



USER NAME = jschaefer	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 4/9/2025	DATE = 4/21/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 203 OVER CAHOKIA CANAL
AS BUILT PLANS

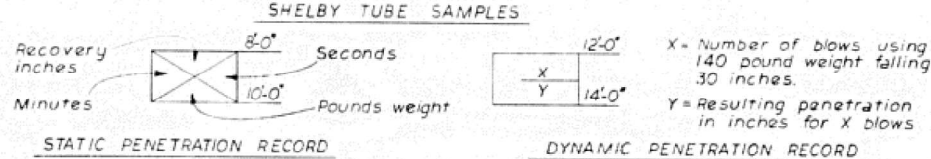
SCALE: N/A SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	123
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

NO. B-3	NO. B-4	NO. B-5	NO. B-6	NO. B-7	NO. B-7A	NO. B-8	NO. B-9	NO. B-10	NO. B-11	NO. B-12
420 Ground surface El. 415.6	Ground surface El. 415.2	Ground surface El. 406.4	Ground surface El. 405.5	Ground surface El. 402.0	Water surface El. 392.4	Ground surface El. 401.6	Ground surface El. 406.5	Ground surface El. 405.9	Ground surface El. 412.8	Ground surface El. 411.8
415 Brown silty Clay fill 9 6:0"	Brown clayey fill 9 0:0"	Brown topsoil 9 3:0"	Brown silty topsoil 9 2:6"	Brown silty topsoil 9 2:6"	Water 3:0"	Brown topsoil 4 2:6"	Black topsoil 7 3:6"	Black silty topsoil 5 4:0"	Brown clay & silt fill 10 4:0"	Brown silty clay fill 10 6:0"
410 Gray & brown silty Clay 16 11:6"	Gray & brown silty clay 11 8:6"	Brown & gray silty clay 11 8:6"	Gray & brown silty clay 12 8:6"	Gray silty clay 11 8:6"	Gray silty clay 11 8:6"	Gray & brown clayey silt 8 6:6"	Gray & brown silty clay 8 6:6"	Brown clayey silt 13 6:6"	Gray & brown silty clay 12 8:6"	Gray & brown silty clay 11 8:6"
405 Gray silty Clay (slightly organic) 3 2:0"	Gray silty clay 4 2:4:0"	Gray & brown silty clay 3 2:0"	Gray & brown silty clay 3 2:0"	Gray silty clay 2 2:0"	Gray silty clay 2 2:0"	Gray clayey silt 2 2:0"	Gray clayey silt 2 2:0"	Brown & gray silty clay (organic) 3 2:0"	Gray silty clay (slightly organic) 3 2:0"	Gray silty clay 4 2:0"
395 Gray silty Clay (slightly organic) 3 2:0"	Gray silty clay 3 2:0"	Gray & brown silty clay 3 2:0"	Gray & brown silty clay 3 2:0"	Gray silty clay 2 2:0"	Gray silty clay 2 2:0"	Gray clayey silt 2 2:0"	Gray clayey silt 2 2:0"	Brown & gray silty clay (organic) 2 2:0"	Gray silty clay (slightly organic) 2 2:0"	Gray silty clay 4 2:0"
390 Gray silty Clay (slightly organic) 3 2:0"	Gray silty clay 3 2:0"	Gray & brown silty clay 3 2:0"	Gray & brown silty clay 3 2:0"	Gray silty clay 2 2:0"	Gray silty clay 2 2:0"	Gray clayey silt 2 2:0"	Gray clayey silt 2 2:0"	Brown & gray silty clay (organic) 2 2:0"	Gray silty clay (slightly organic) 2 2:0"	Gray silty clay 4 2:0"
385 Gray fine sand trace silt 31 3:1:6"	Gray fine silty sand 24 3:1:6"	Gray fine sand trace silt 19 3:1:6"	Gray fine sand trace silt 16 3:1:6"	Gray very fine to fine sand trace silt 15 3:1:6"	Gray very fine to fine sand trace silt 12 3:1:6"	Gray very fine to fine sand trace silt 21 3:1:6"	Gray very fine to fine sand trace silt 17 3:1:6"	Gray very fine to fine sand trace silt 14 3:1:6"	Gray fine sand some clay 22 3:1:6"	Gray very fine to fine sand trace silt 19 3:1:6"
380 Gray fine to medium sand trace gravel 13 4:2:6"	Gray fine silty sand 22 4:2:6"	Gray medium to coarse sand 21 4:2:6"	Gray medium to coarse sand 18 4:2:6"	Gray very fine to fine sand trace silt 10 4:2:6"	Gray very fine to fine sand trace silt 10 4:2:6"	Gray very fine to fine sand trace silt 7 4:2:6"	Gray very fine to fine sand trace silt 11 4:2:6"	Gray very fine to fine sand trace silt 14 4:2:6"	Gray fine to medium sand 18 4:2:6"	Gray fine to medium sand 15 4:2:6"
375 Gray fine to medium sand trace gravel 13 4:8:0"	Gray fine silty sand 18 4:7:6"	Gray medium to coarse sand 16 4:2:6"	Gray medium to coarse sand 17 4:2:6"	Gray very fine to fine sand trace silt 12 4:2:6"	Gray very fine to fine sand trace silt 12 4:2:6"	Gray very fine to fine sand trace silt 20 4:2:6"	Gray very fine to fine sand trace silt 24 4:2:6"	Gray very fine to fine sand trace silt 22 4:2:6"	Gray fine to medium sand 12 4:3:6"	Gray fine to medium sand 28 4:3:0"
370 Gray medium to coarse sand 27 6:2:6"	Gray medium to coarse sand trace small gravel 11 6:5:0"	Gray medium to coarse sand 20 4:2:6"	Gray medium to coarse sand 12 4:2:6"	Gray very fine to fine sand trace silt 20 4:2:6"	Gray very fine to fine sand trace silt 20 4:2:6"	Gray very fine to fine sand trace silt 20 4:2:6"	Gray medium to coarse sand 20 4:2:6"	Gray medium to coarse sand 18 4:2:6"	Gray fine to medium sand 29 4:3:6"	Gray medium to coarse sand 22 4:3:0"
365 Gray medium to coarse sand 25 6:2:6"	Gray medium to coarse sand trace small gravel 38 6:5:0"	Gray medium to coarse sand 25 4:2:6"	Gray medium to coarse sand 27 4:2:6"	Gray very fine to fine sand trace silt 23 4:2:6"	Gray very fine to fine sand trace silt 20 4:2:6"	Gray very fine to fine sand trace silt 20 4:2:6"	Gray medium to coarse sand 20 4:2:6"	Gray medium to coarse sand 31 4:2:6"	Gray fine to medium sand 26 4:3:6"	Gray medium to coarse sand 24 4:3:0"
360 Gray medium to coarse sand 45 6:2:6"	Boring stopped	Gray medium to coarse sand 29 4:2:6"	Gray medium to coarse sand 20 4:2:6"	Gray very fine to fine sand trace silt 28 4:2:6"	Gray very fine to fine sand trace silt 28 4:2:6"	Gray very fine to fine sand trace silt 9 4:2:6"	Gray medium to coarse sand 28 4:2:6"	Gray medium to coarse sand 31 4:2:6"	Gray fine to medium sand 36 4:3:6"	Gray medium to coarse sand 17 4:3:0"
355 Gray medium to coarse sand trace small gravel 16 7:0:0"	Boring stopped	Gray medium to coarse sand 32 6:0:0"	Boring stopped	Gray very fine to fine sand trace silt 26 6:0:0"	Gray very fine to fine sand trace silt 25 6:0:0"	Gray medium to coarse sand trace small gravel 15 5:5:0"	Gray medium to coarse sand trace small gravel 21 5:5:0"	Boring stopped	Gray fine to medium sand 50 6:5:0"	Gray medium to coarse sand 26 6:5:0"
350 Gray medium to coarse sand trace small gravel 23 7:0:0"	Boring stopped	Boring stopped	Boring stopped	Gray very fine to fine sand trace silt 26 6:0:0"	Gray very fine to fine sand trace silt 25 6:0:0"	Gray medium to coarse sand trace small gravel 21 5:5:0"	Gray medium to coarse sand trace small gravel 24 5:5:0"	Boring stopped	Boring stopped	Boring stopped
345 Boring stopped	Boring stopped	Boring stopped	Boring stopped	Gray very fine to fine sand trace silt 26 6:0:0"	Gray very fine to fine sand trace silt 25 6:0:0"	Gray medium to coarse sand trace small gravel 21 5:5:0"	Gray medium to coarse sand trace small gravel 24 5:5:0"	Boring stopped	Boring stopped	Boring stopped
340 Boring stopped	Boring stopped	Boring stopped	Boring stopped	Gray very fine to fine sand trace silt 26 6:0:0"	Gray very fine to fine sand trace silt 25 6:0:0"	Gray medium to coarse sand trace small gravel 21 5:5:0"	Gray medium to coarse sand trace small gravel 24 5:5:0"	Boring stopped	Boring stopped	Boring stopped
335 Boring stopped	Boring stopped	Boring stopped	Boring stopped	Gray very fine to fine sand trace silt 26 6:0:0"	Gray very fine to fine sand trace silt 25 6:0:0"	Gray medium to coarse sand trace small gravel 21 5:5:0"	Gray medium to coarse sand trace small gravel 24 5:5:0"	Boring stopped	Boring stopped	Boring stopped
330 Boring stopped	Boring stopped	Boring stopped	Boring stopped	Gray very fine to fine sand trace silt 26 6:0:0"	Gray very fine to fine sand trace silt 25 6:0:0"	Gray medium to coarse sand trace small gravel 21 5:5:0"	Gray medium to coarse sand trace small gravel 24 5:5:0"	Boring stopped	Boring stopped	Boring stopped
Used 68'-6" of 2 1/2" casing Boring bailed to 44'-0"	Used 63'-6" of 2 1/2" casing Boring bailed to 39'-0" Water level 27'-1" below Ground surface 1 hour after completion	Used 58'-6" of 2 1/2" casing Boring bailed to 32'-0" Water level 15'-0" below Ground surface 1 hour after completion	Used 63'-6" of 2 1/2" casing Boring bailed to 39'-0" Water level 14'-9" below Ground surface 1 hour after completion	Used 59'-0" of 2 1/2" casing Boring bailed to 40'-0" Water level 11'-5" below Ground surface 2 hours after completion	Used 53'-6" of 2 1/2" casing Boring bailed to 40'-0" Water level 11'-4" below Ground surface 1 hour after completion	Used 48'-6" of 2 1/2" casing Boring bailed to 38'-0" Water level 14'-9" below Ground surface 1 hour after completion	Used 50'-0" of 2 1/2" casing Boring bailed to 38'-0" Water level 14'-9" below Ground surface 1 hour after completion	Used 50'-0" of 2 1/2" casing Boring bailed to 42'-0" Water level 16'-0" below Ground surface 1 hour after completion	Used 64'-0" of 2 1/2" casing Boring bailed to 47'-0" Water level 21'-6" below Ground surface 12 hrs. after completion	Used 64'-0" of 2 1/2" casing Boring bailed to 47'-0" Water level 21'-6" below Ground surface 12 hrs. after completion

NOTES

Classifications are made by visual inspection.
 Water levels (W.L.) Figure indicates time of reading (hours) after completion of boring.
 Water levels indicated are those observed when borings were made, or as noted.
 Porosity of the soil strata, variations of rainfall, site topography, etc., may cause changes in these levels.
 Figures in right hand column indicate number of blows required to drive 2" O.D. sampling pipe one foot, using 140 lb. weight falling 30 inches.



Classification of soil contained in Shelby tubes is based on observation of the soil at the ends of the tube.

KEY :
 * = Indicates circulating water lost in strata.
 ST = Denotes Shelby Tube samples.
 WL = Water Level

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
BORING DATA
F.A. ROUTE 4
OVER CAHOKIA CANAL
F.A. ROUTE 4 SECTION 580-B
ST. CLAIR COUNTY STATION 152+49.00
H. W. LOCHNER, INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

Sh. No. **2**

April 10, 1959

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	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 4/9/2025	DATE - 4/21/2025	REVISED -

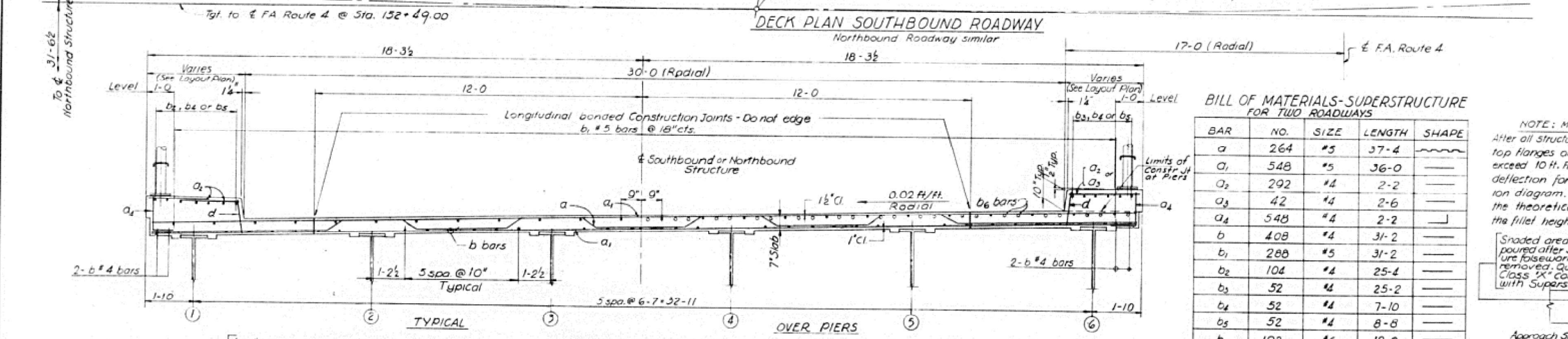
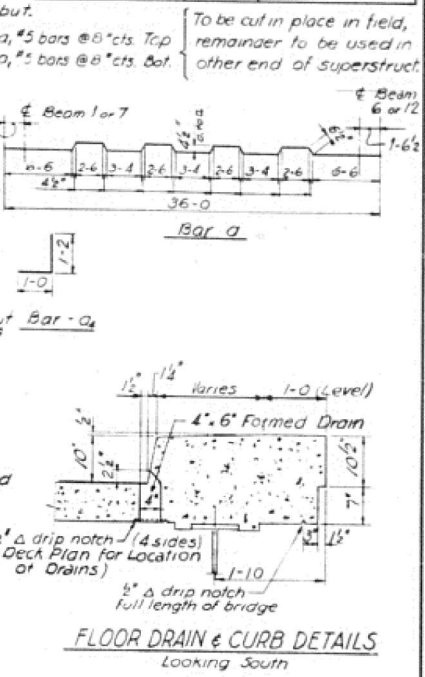
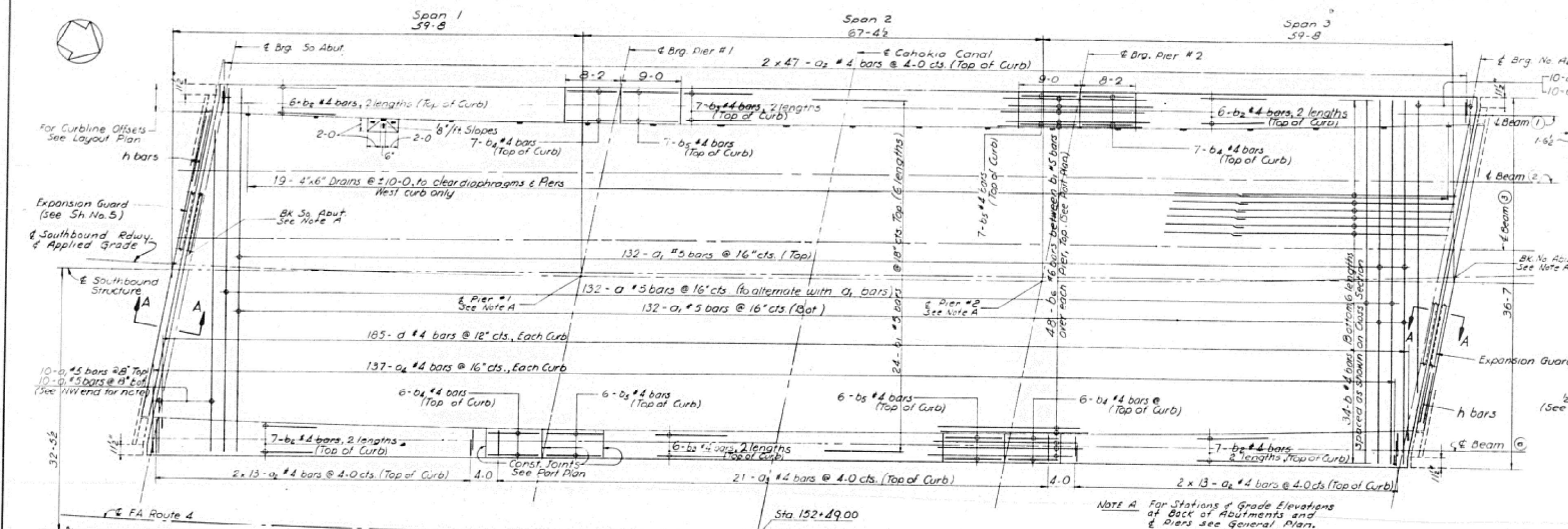
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 203 OVER CAHOKIA CANAL
AS BUILT PLANS

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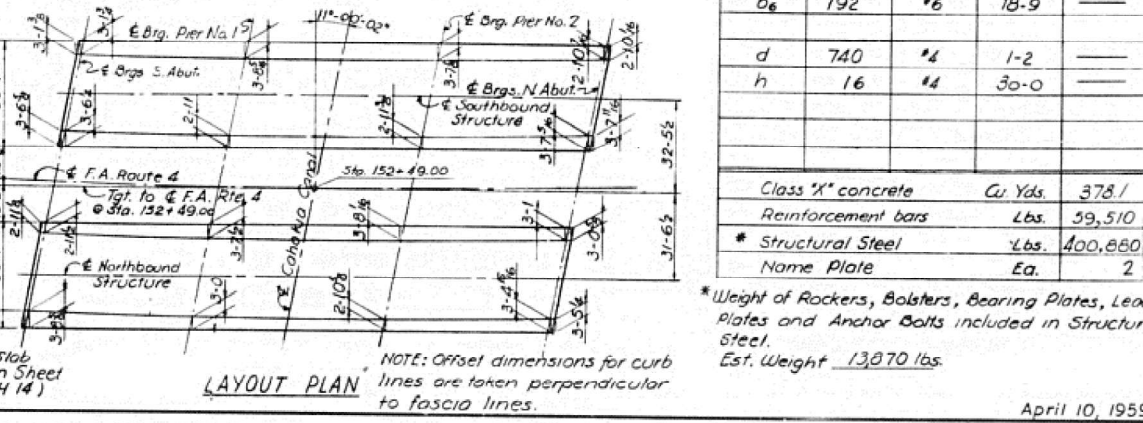
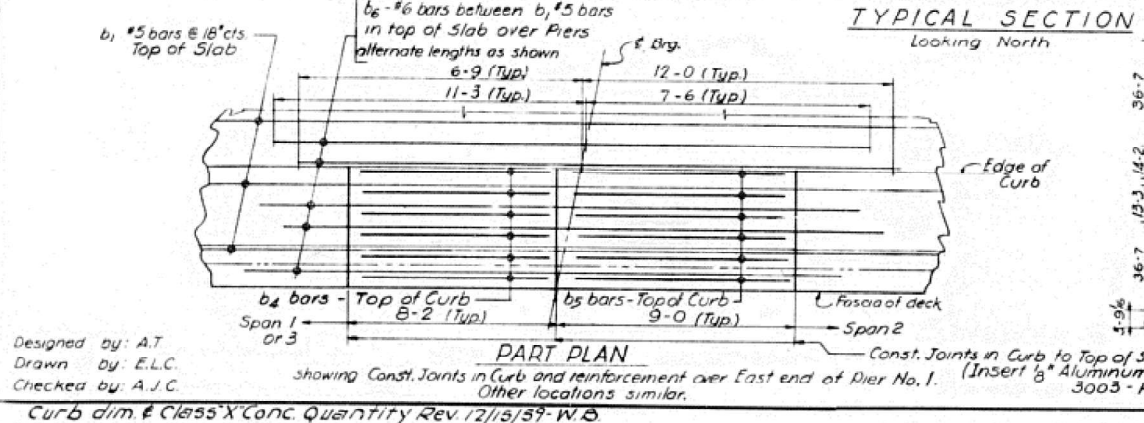
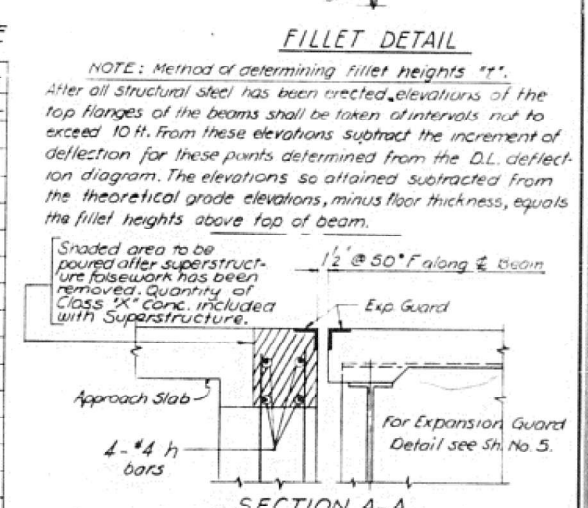
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	124
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

FEDERAL AID ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.-4	580-B	ST. CLAIR	21	7
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



BILL OF MATERIALS-SUPERSTRUCTURE FOR TWO ROADWAYS

BAR	NO.	SIZE	LENGTH	SHAPE
a	264	#5	37-4	—
a ₁	548	#5	36-0	—
a ₂	292	#4	2-2	—
a ₃	42	#4	2-6	—
a ₄	548	#4	2-2	—
b	408	#4	31-2	—
b ₁	288	#5	31-2	—
b ₂	104	#4	25-4	—
b ₃	52	#4	25-2	—
b ₄	52	#4	7-10	—
b ₅	52	#4	8-8	—
b ₆	192	#6	18-9	—
d	740	#4	1-2	—
h	16	#4	30-0	—



Class 'X' concrete	Cu Yds.	378.1
Reinforcement bars	Lbs.	59,510
* Structural Steel	Lbs.	400,880
Name Plate	Ea.	2

* Weight of Rockers, Bolsters, Bearing Plates, Lead Plates and Anchor Bolts included in Structural Steel.
Est. Weight 13,070 lbs.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
SUPERSTRUCTURE
F.A. ROUTE 4
OVER CAHOKIA CANAL
F.A. ROUTE 4 SECTION 580-B
ST. CLAIR COUNTY STATION 152+49.00

H. W. LOCHNER, INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

Sh. No. 3

Designed by: A.T.
Drawn by: E.L.C.
Checked by: A.J.C.

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USER NAME = jschaefer	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 4/9/2025	DATE = 4/21/2025	REVISED -

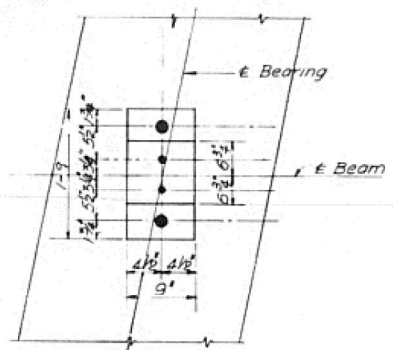
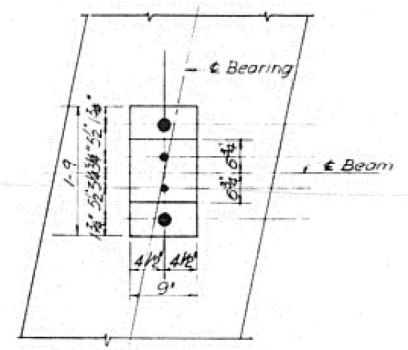
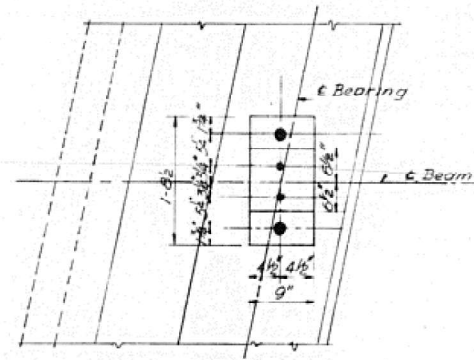
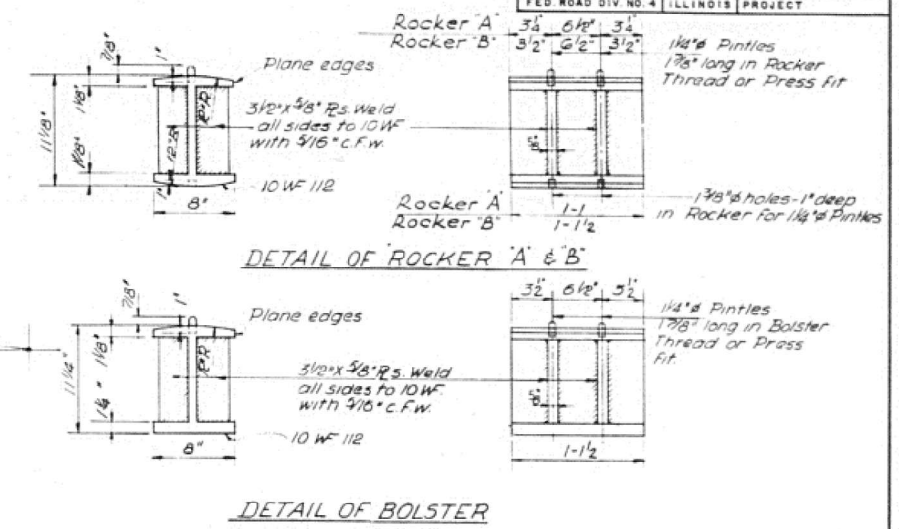
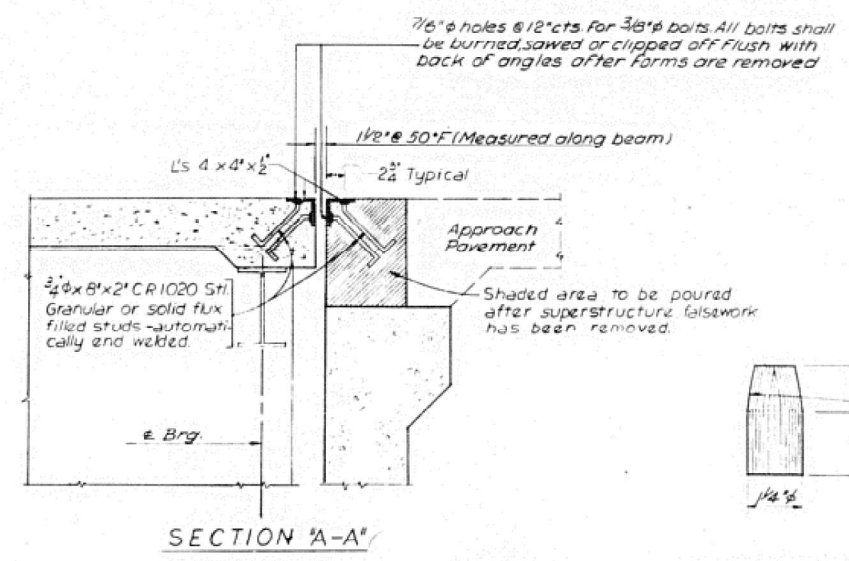
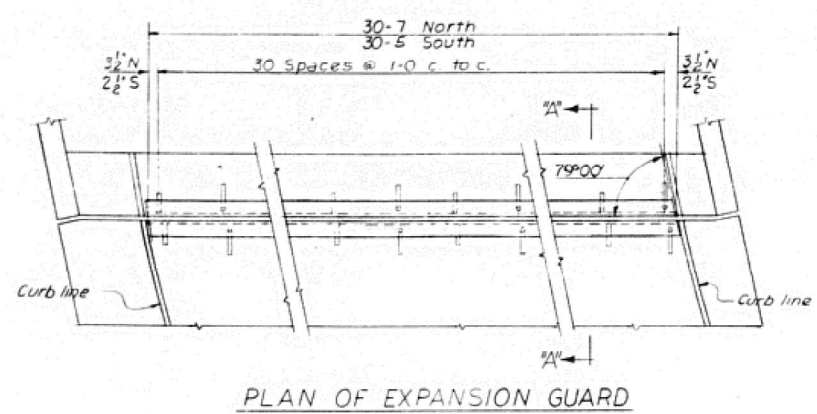
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N/A	SHEET 3 OF 11 SHEETS	STA.	TO STA.
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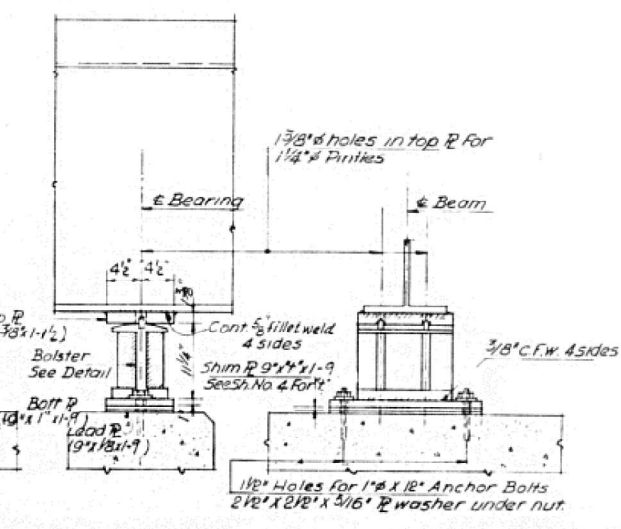
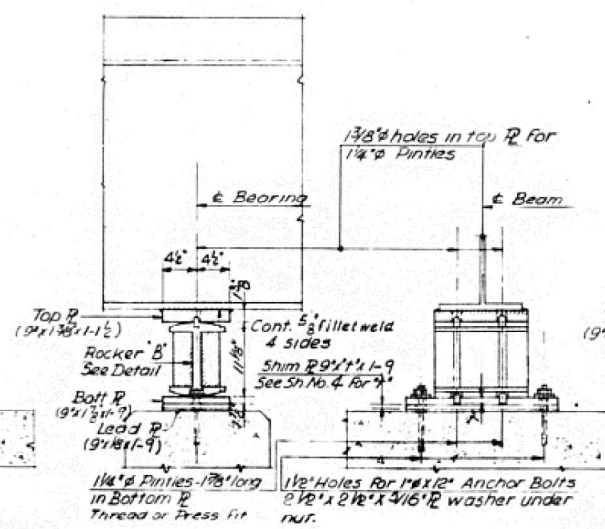
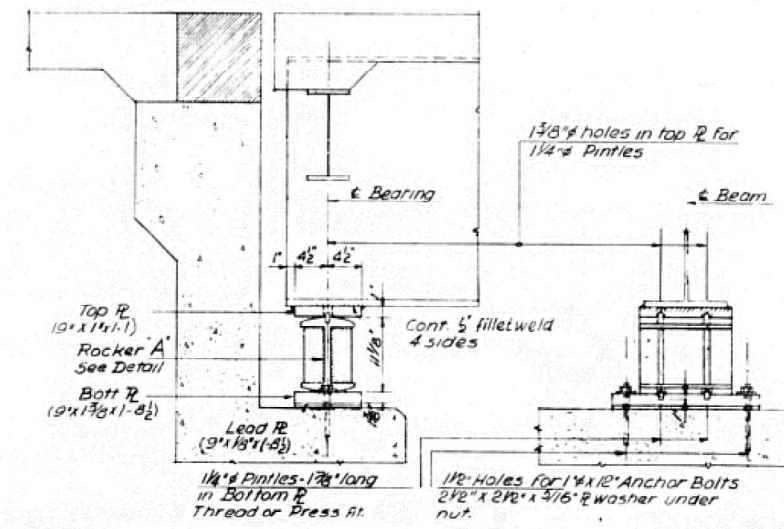
IL 203 OVER CAHOKIA CANAL
AS BUILT PLANS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	125
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

FEDERAL AID ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. - 4	580-B	ST. CLAIR	21	9
FED. ROAD DIV. NO. 4 ILLINOIS PROJECT				



NOTE
The weight of Rockers, Bolsters, Bearing Plates, Shim Plates, Lead Plates, Anchor Bolts, Plate Washers and Expansion Guards is included in Bill of Material on Sheet No. 3 as Structural Steel.



Designed by: A.T.
Drawn by: D.R.
Checked by: A.J.C.

ABUTMENT EXPANSION BEARING
24 Required

EXPANSION BEARING - PIER NO. 2
12 Required

FIXED BEARING - PIER NO. 1
12 Required

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
BEARINGS AND EXPANSION GUARD
F.A. ROUTE 4
OVER CAHOKIA CANAL
F.A. ROUTE 4 SECTION 580-B
ST. CLAIR COUNTY STATION 152+49.00

H. W. LOCHNER, INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

Sh. No. 5

April 10, 1959

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PLOT DATE = 4/9/2025	DATE = 4/21/2025	REVISED -

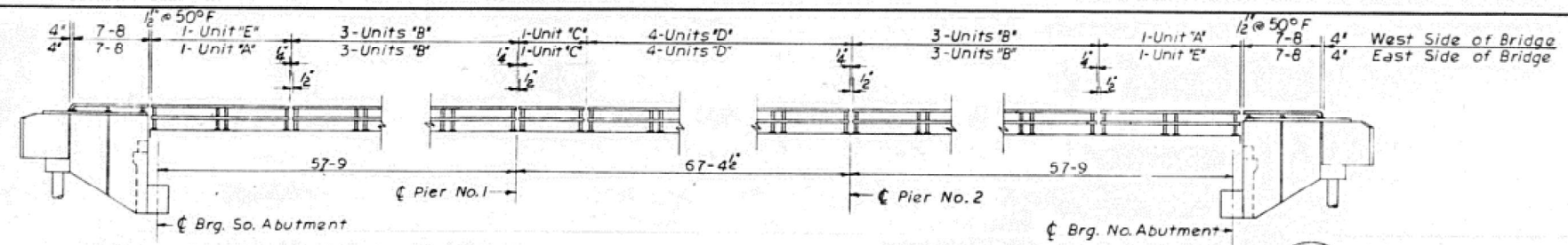
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DEPARTMENT OF TRANSPORTATION

IL 203 OVER CAHOKIA CANAL
AS BUILT PLANS

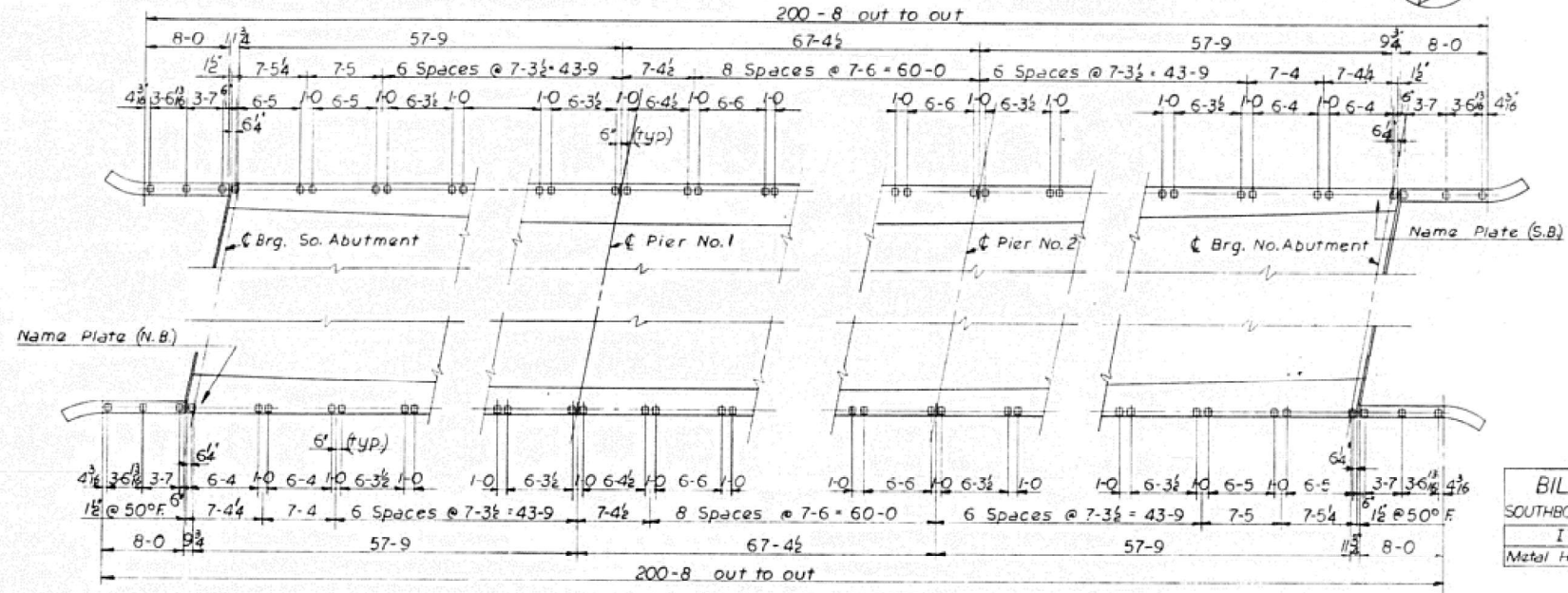
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

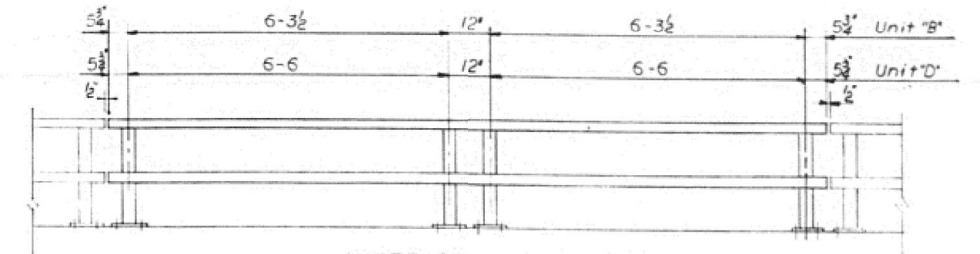
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FED. ROAD DIV. NO. 4 ILLINOIS PROJECT				



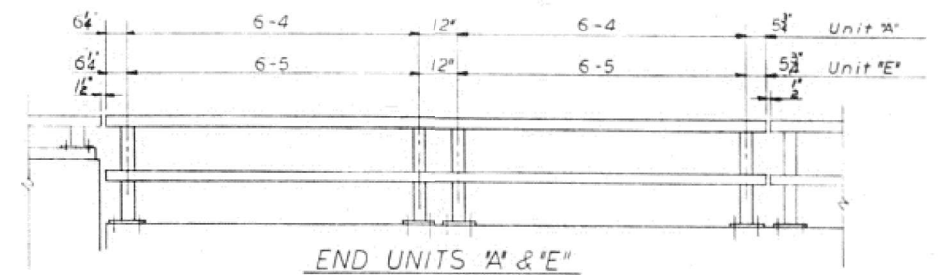
ELEVATION S.B. BRIDGE
N.B. BRIDGE SIMILAR



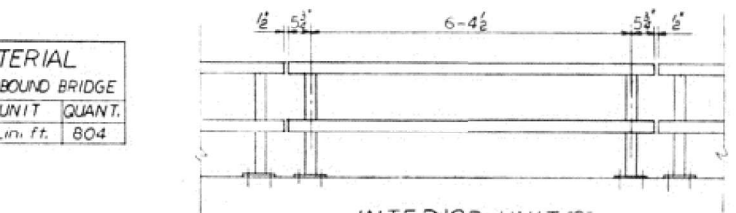
PLAN S.B. BRIDGE
N.B. BRIDGE SIMILAR



INTERIOR UNITS 'B' & 'D'



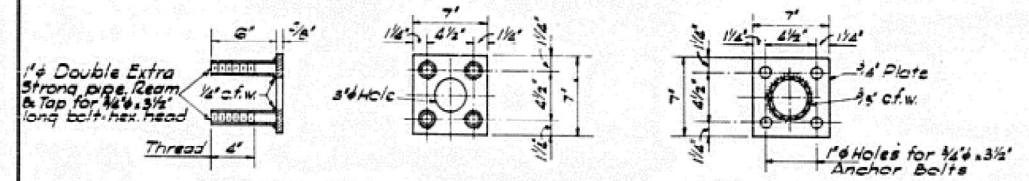
END UNITS 'A' & 'E'



INTERIOR UNIT 'C'

BILL OF MATERIAL
SOUTHBOUND & NORTHBOUND BRIDGE

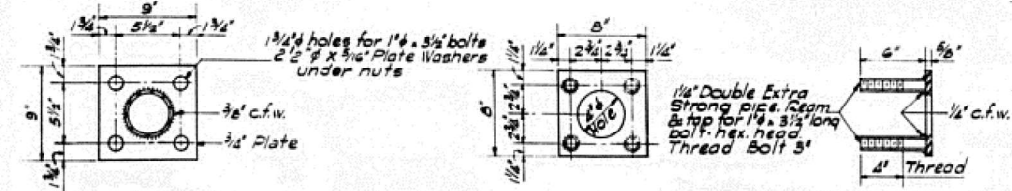
ITEM	UNIT	QUANT.
Metal Handrail	Lin. Ft.	804



ANCHOR DEVICE
2 Required per panel

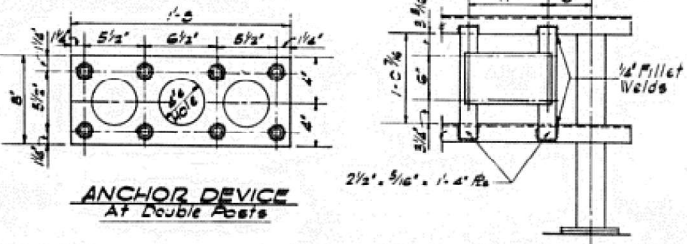
BASE PLATE

END POST PANEL



BASE PLATE
ALL POSTS-SUPERSTRUCTURE

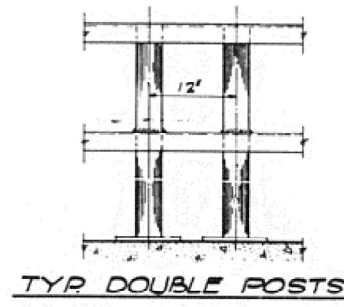
ANCHOR DEVICE
At Single Post



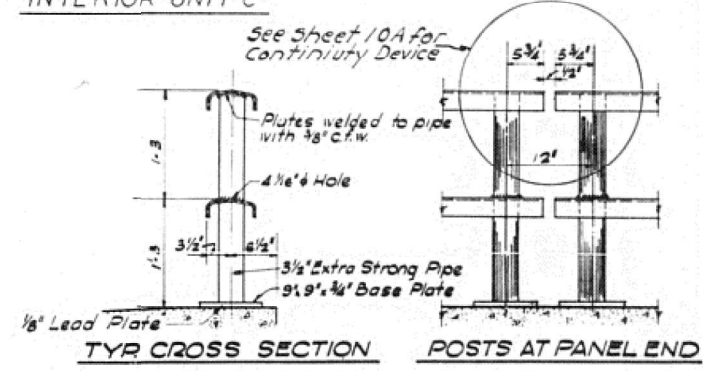
ANCHOR DEVICE
At Double Posts



NAME PLATE CONNECTION
DETAIL
(2 Required)
For location see Plan



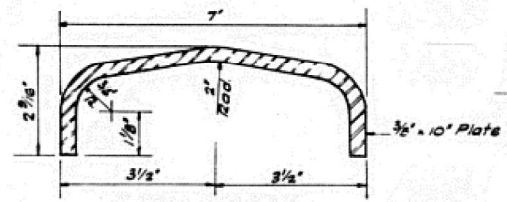
TYP. DOUBLE POSTS



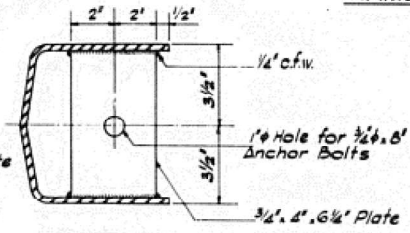
TYP. CROSS SECTION

POSTS AT PANEL END

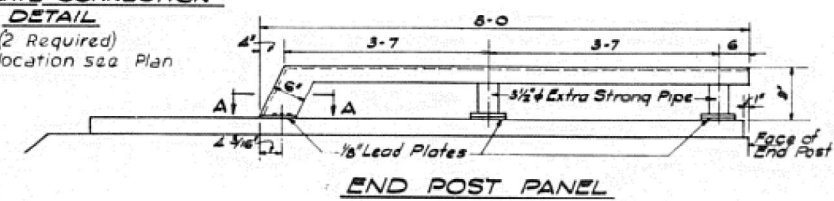
NOTE:
Provide 1-8 and 2-1/16 Shims
for 50% of Posts.



DETAIL OF RAIL



SECTION A-A



END POST PANEL

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
HANDRAIL
F.A. ROUTE 4
OVER CAHOKIA CANAL
F.A. ROUTE 4 SECTION 580-B
ST. CLAIR COUNTY STATION 152+49.00

H. W. LOCHNER, INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

Sh.No. 6

April 10, 1959

Designed by: P.S.
Drawn by: P.S.
Checked by: R.N.

Rev. 12/15/59-N.B.

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	DRAWN - JRS	REVISED -
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PLOT DATE = 4/9/2025	DATE = 4/21/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

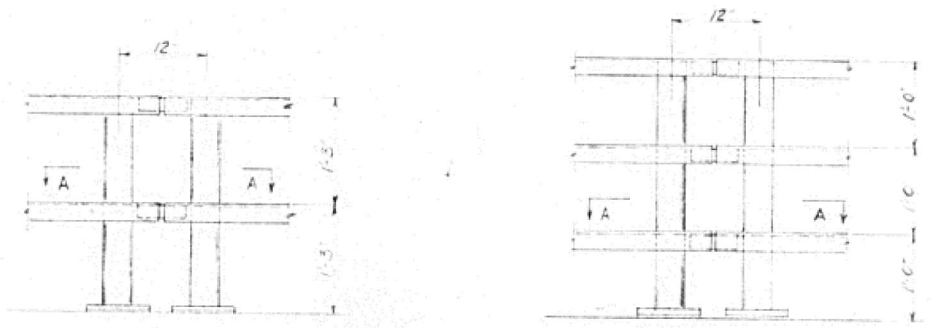
IL 203 OVER CAHOKIA CANAL
AS BUILT PLANS

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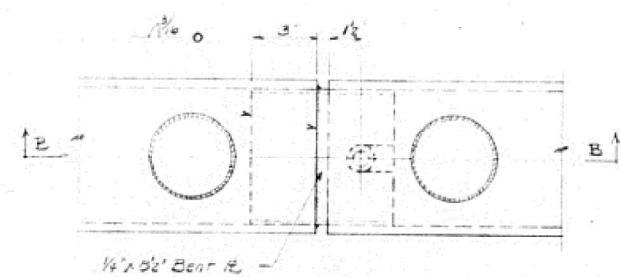
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	128
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

Sheet 10A
21 Sheets

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET NO.
FA 4	580B	St Clair	21	10A
STA.	TO STA.	PROJECT		
FED. ROAD DIST. NO.	F. ILLINOIS	PROJECT		



TYPICAL ELEVATION
@ PANEL JOINTS

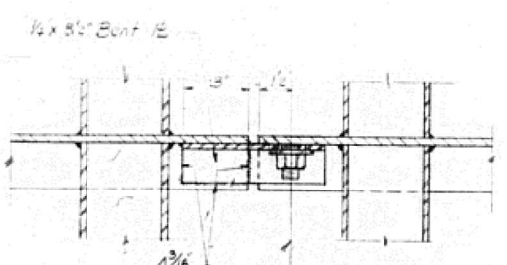


SECTION A-A

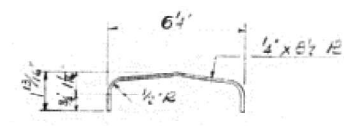
Use 1/4" punched hole at all panel joints. Use open slot at all expansion joints.



PLAN



SECTION B-B



END VIEW

DETAIL 1/4" BENT PL

3/4" x 1 1/2" GRANULAR OR SOLID FLUX
FILLED STUD THREADED FULL
LENGTH - AUTOMATICALLY END WELDED
OR 3/4" x 1 1/2" FULLY THREADED STUD
WELDED WITH 1/8" CFW. PROVIDE
WASHER AND LOCKNUT

EXAMINED Nov. 10, 1959
DESIGNED BY [Signature]
DRAWN BY [Signature]
CHECKED BY [Signature]
APPROVED BY [Signature]
CITY HIGHWAY ENGINEER

Rev. 11-30-59

CONNECTION DETAILS
FOR BENT PLATE
RAIL PANELS

MODEL: Pg 9 (Sheet)
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DRAWN	- JRS
CHECKED	- HER
PLOT DATE	= 4/9/2025

DESIGNED	- CZ	REVISED	-
DRAWN	- JRS	REVISED	-
CHECKED	- HER	REVISED	-
DATE	= 4/21/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 203 OVER CAHOKIA CANAL
AS BUILT PLANS

SCALE: N/A SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	129
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

FEDERAL-AID ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA-4	580-B	ST. CLAIR	21	11
FED. ROAD DIV. NO. 4 ILLINOIS PROJECT				

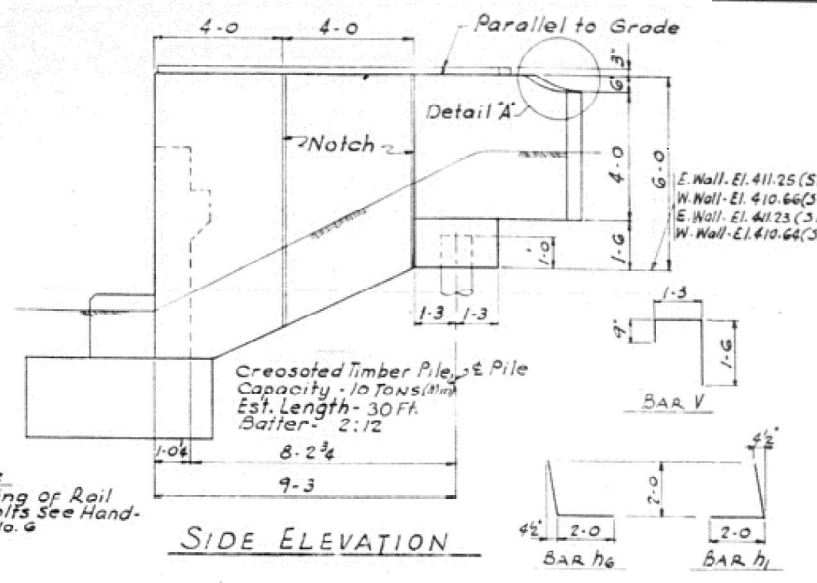
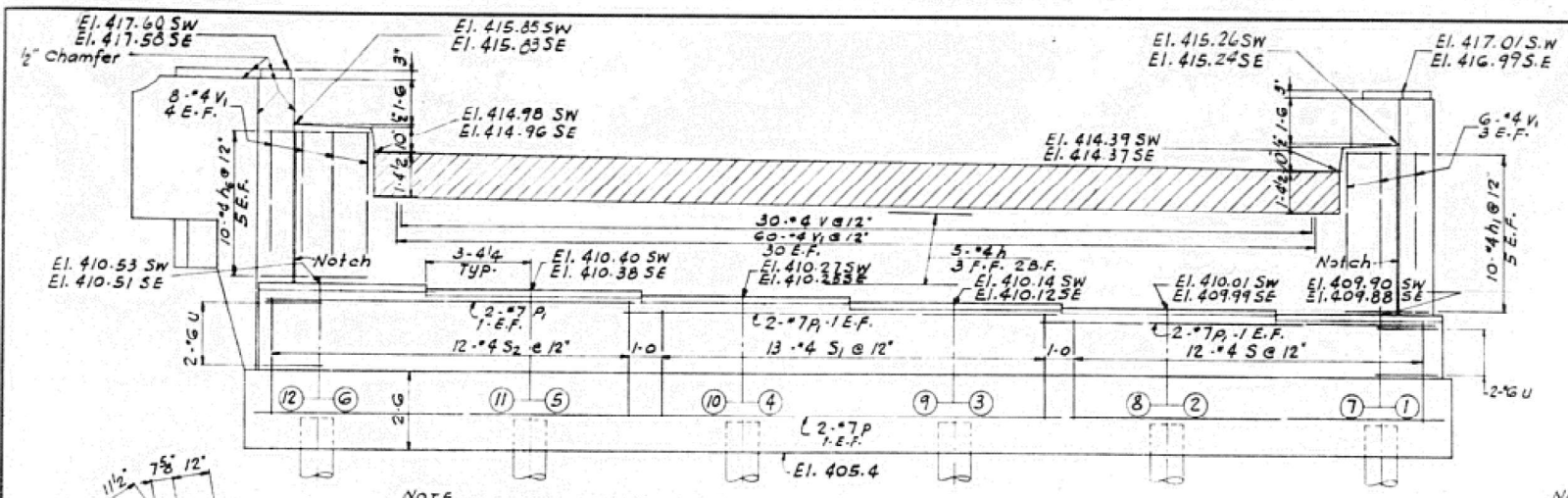
FOR 2 ABUTS.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
T	76	#4	5-2	
h	10	#4	36-9	
h ₁	20	#4	4-0	
h ₂	8	#5	10-8	
h ₃	40	#5	12-8	
h ₄	16	#5	7-8	
h ₅	8	#5	5-0	
h ₆	20	#4	4-0	
h ₇	8	#6	9-3	
h ₈	8	#6	11-0	
P	4	#7	36-9	
P ₁	12	#7	13-6	
S	24	#4	11-11	
S ₁	26	#4	12-5	
S ₂	24	#4	12-11	
S ₃	12	#4	9-3	
S ₄	18	#3	3-0	
U	8	#6	6-5	
V	60	#4	3-6	
V ₁	148	#4	5-5	
V ₂	56	#4	4-3	
V ₃	24	#4	3-6	
V ₄	16	#4	3-6	
W	4	#4	37-5	
Class X Concrete			Cu. Yds.	807
Reinforcement Bars			Lbs.	4110
Creosoted Piles			Lin. Ft.	120.0
Concrete Piles			Lin. Ft.	966.0
Test Piles			Ea.	1
Class A Excavation for Structures			cu. yds.	593

Above quantities include 422 Cu. yds. Class A Excavation for Structures for Slope Wall

Note For Anchor Bolts see Sh. No 5



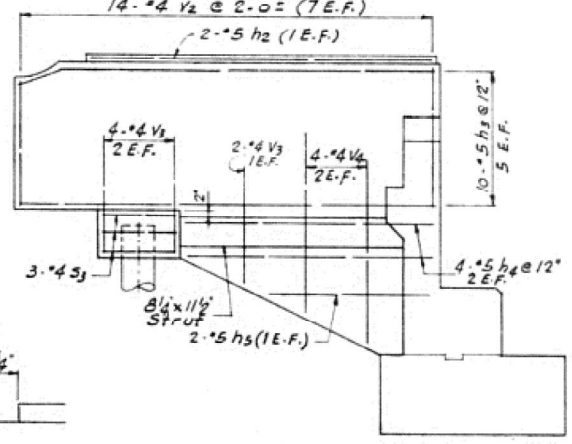
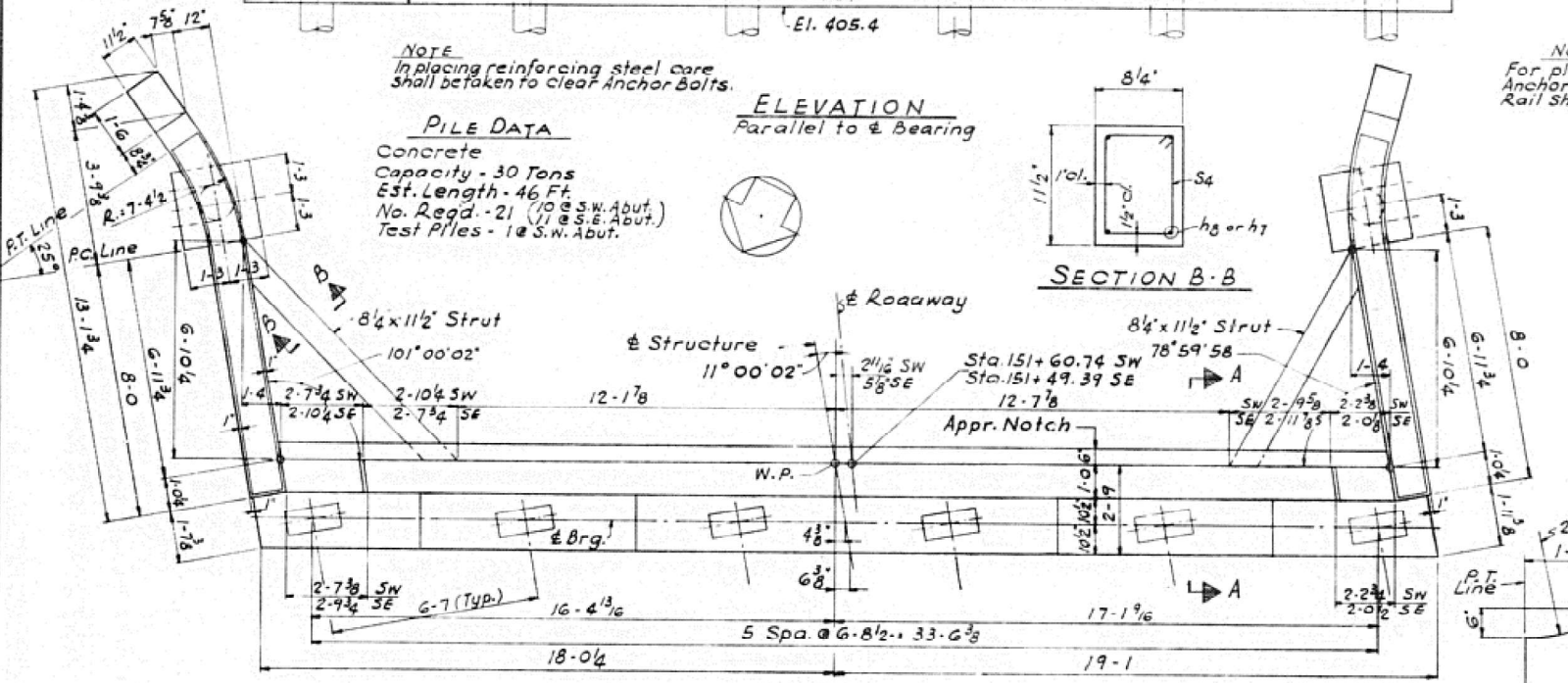
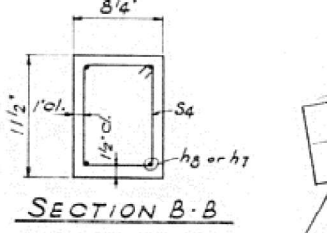
NOTE
In placing reinforcing steel care shall be taken to clear Anchor Bolts.

Note
For placing of Rail Anchor Bolts See Hand-Rail Sh. No. 6

PILE DATA

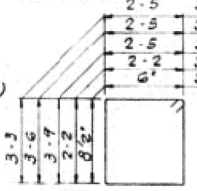
Concrete Capacity - 30 Tons
Est. Length - 46 Ft.
No. Reqd. - 21 (10 @ S.W. Abut., 11 @ N.E. Abut.)
Test Piles - 1 @ S.W. Abut.

ELEVATION



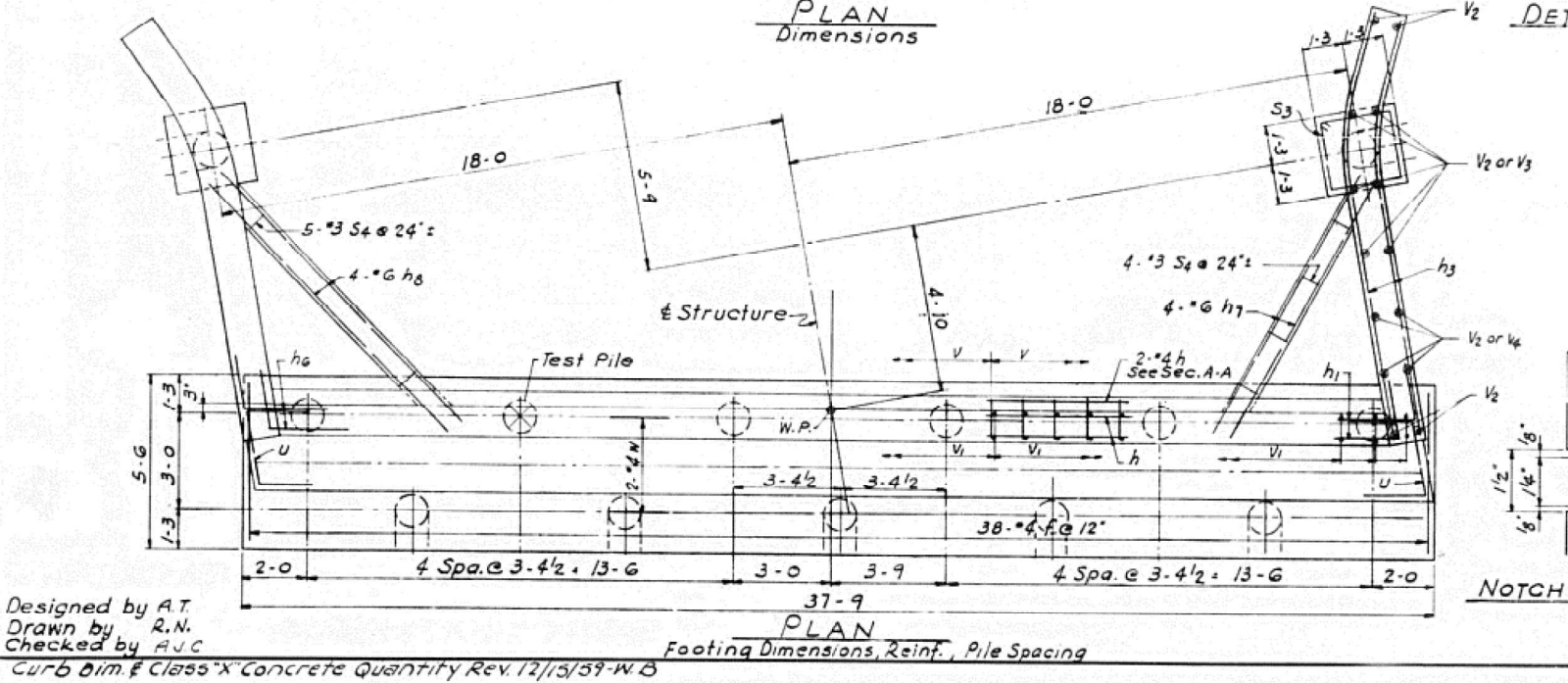
DETAIL A

INSIDE ELEVATION OF BRACKET



NOTCH DETAIL

SECTION A-A



Designed by A.T.
Drawn by R.N.
Checked by A.J.C.

Curb Dim. & Class X Concrete Quantity Rev. 12/13/59-W.B.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
SOUTH ABUTMENTS
F.A. ROUTE 4
OVER CAHOKIA CANAL
F.A. ROUTE 4 SECTION 580-B
ST. CLAIR COUNTY STATION 152+49.00
H. W. LOCHNER, INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS
Sh.No. 7

April 10, 1959

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USER NAME = jschaef	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 4/9/2025	DATE = 4/21/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 203 OVER CAHOKIA CANAL
AS BUILT PLANS

SCALE: N/A SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	130
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

FEDERAL-AID ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.-4	580-B	ST. CLAIR	21	12

FED. ROAD DIV. NO. 4 ILLINOIS PROJECT
FOR 2 ABUTMENTS

BILL OF MATERIAL

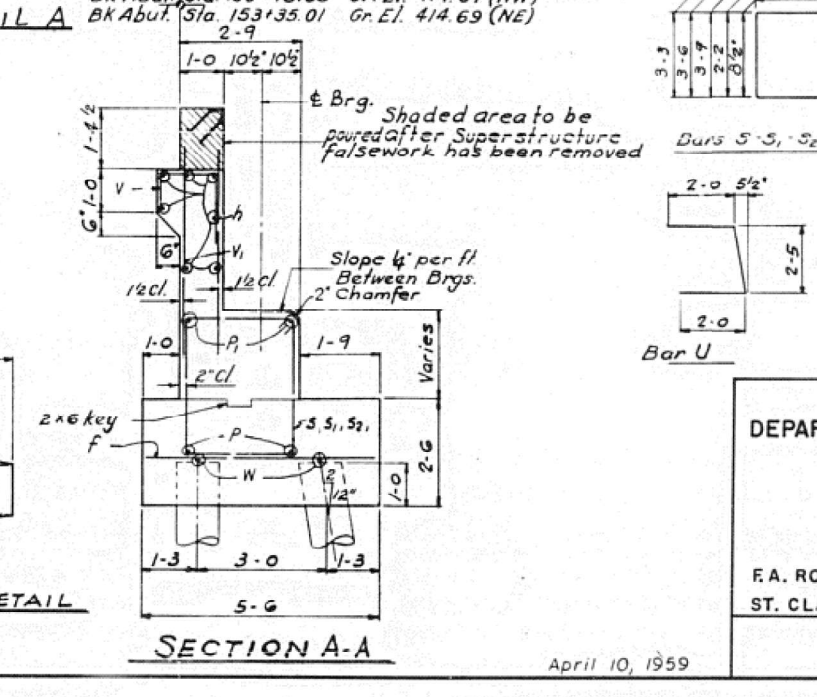
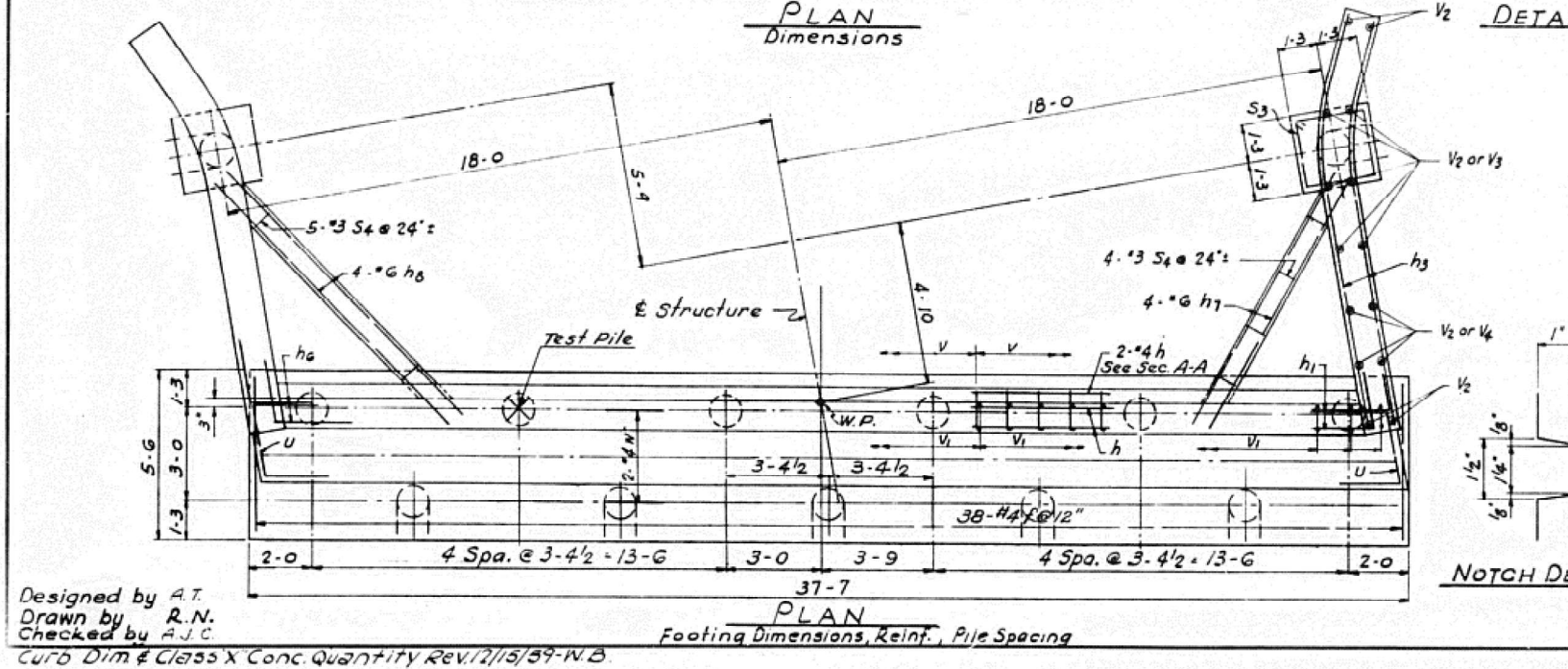
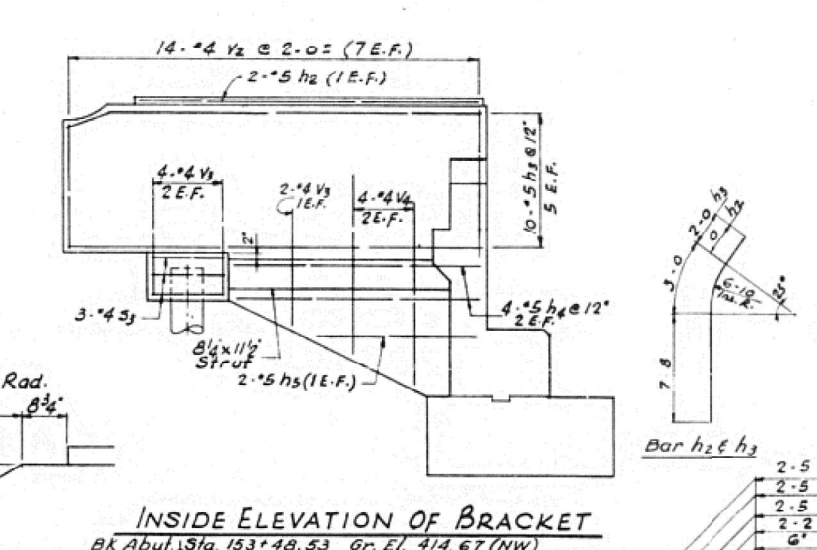
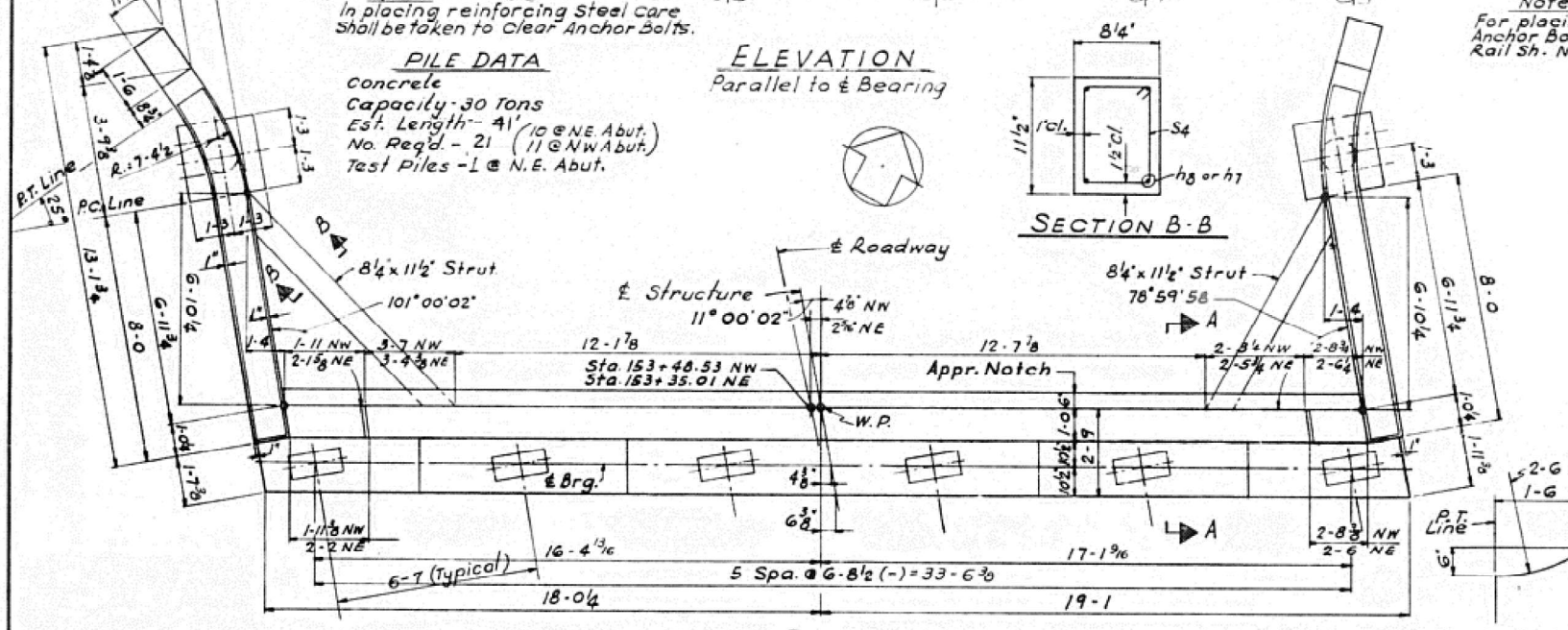
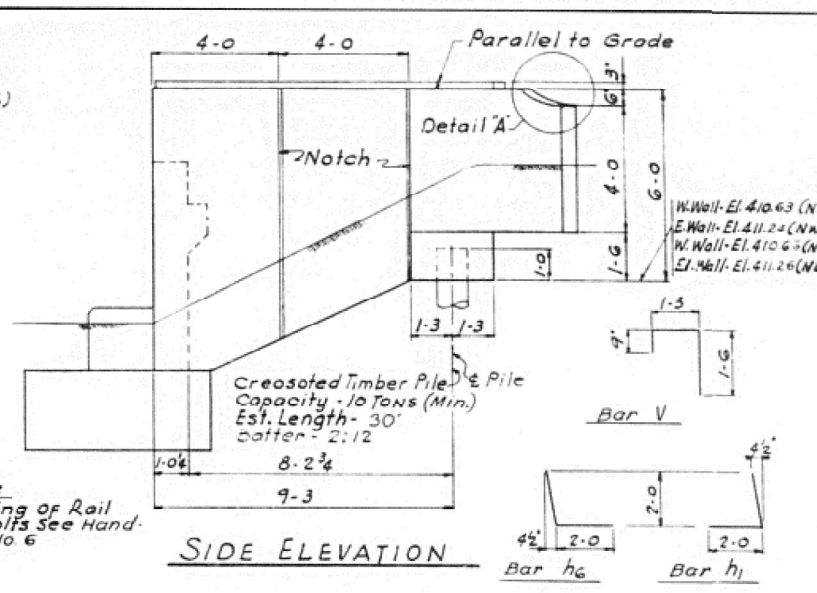
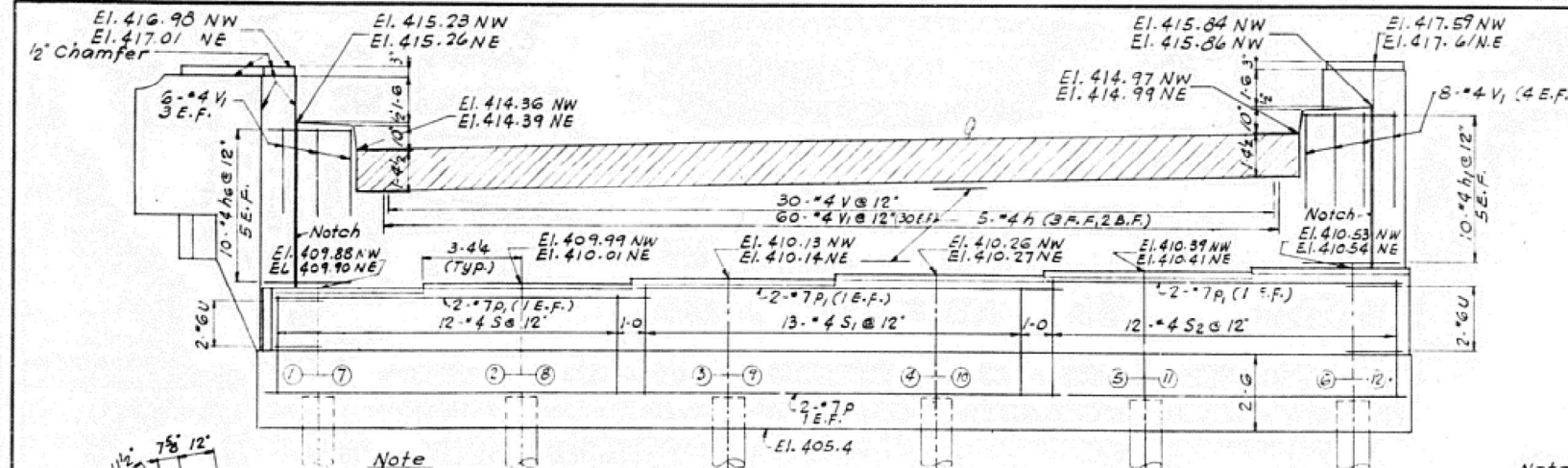
Bar	No.	Size	Length	Shape
T	76	#4	5-2	
h	10	#4	36-9	
h ₁	20	#4	4-0	
h ₂	8	#5	10-8	
h ₃	40	#5	12-8	
h ₄	16	#5	7-8	
h ₅	8	#5	5-0	
h ₆	20	#4	4-0	
h ₇	8	#6	9-3	
h ₈	8	#6	11-0	
p	4	#7	36-9	
P ₁	12	#7	13-6	
S	24	#4	11-11	
S ₁	26	#4	12-5	
S ₂	24	#4	12-11	
S ₃	12	#4	9-3	
S ₄	18	#3	3-0	
U	8	#6	6-5	
V	60	#4	3-6	
V ₁	148	#4	5-5	
V ₂	56	#4	4-3	
V ₃	24	#4	3-6	
V ₄	16	#4	3-6	
W	4	#4	31-5	

Class X Concrete	Cu. Yds.	801
Reinforcement Bars	Lbs.	4110
Creosoted Piles	Lin. Ft.	120.0
Concrete Piles	Lin. Ft.	861.0
Test Piles	Ea.	1
Class A Excavation for Structure	Cu. Yds.	283

Above quantities include 78 Cu. Yds. Class A Excavation for Structures for Slope Wall

Note for Anchor Bolts see Sh. No 5

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
NORTH ABUTMENTS
F.A. ROUTE 4
OVER CAHOKIA CANAL
SECTION 580-B
ST. CLAIR COUNTY STATION 152+49.00
H. W. LOCHNER, INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS
Sh.No. 8



Designed by A.T.
Drawn by R.N.
Checked by A.J.C.

April 10, 1959

MODEL: Pg 11 (Sheet)
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USER NAME	= jschaef	DESIGNED	- CZ	REVISED	-
		DRAWN	- JRS	REVISED	-
		CHECKED	- HER	REVISED	-
PLOT DATE	= 4/9/2025	DATE	= 4/21/2025	REVISED	-

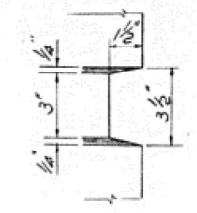
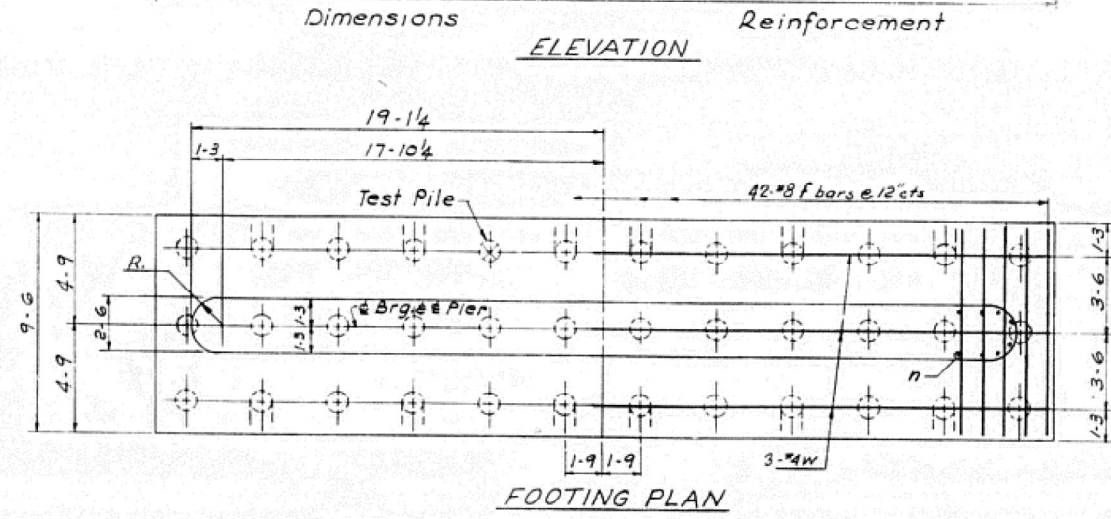
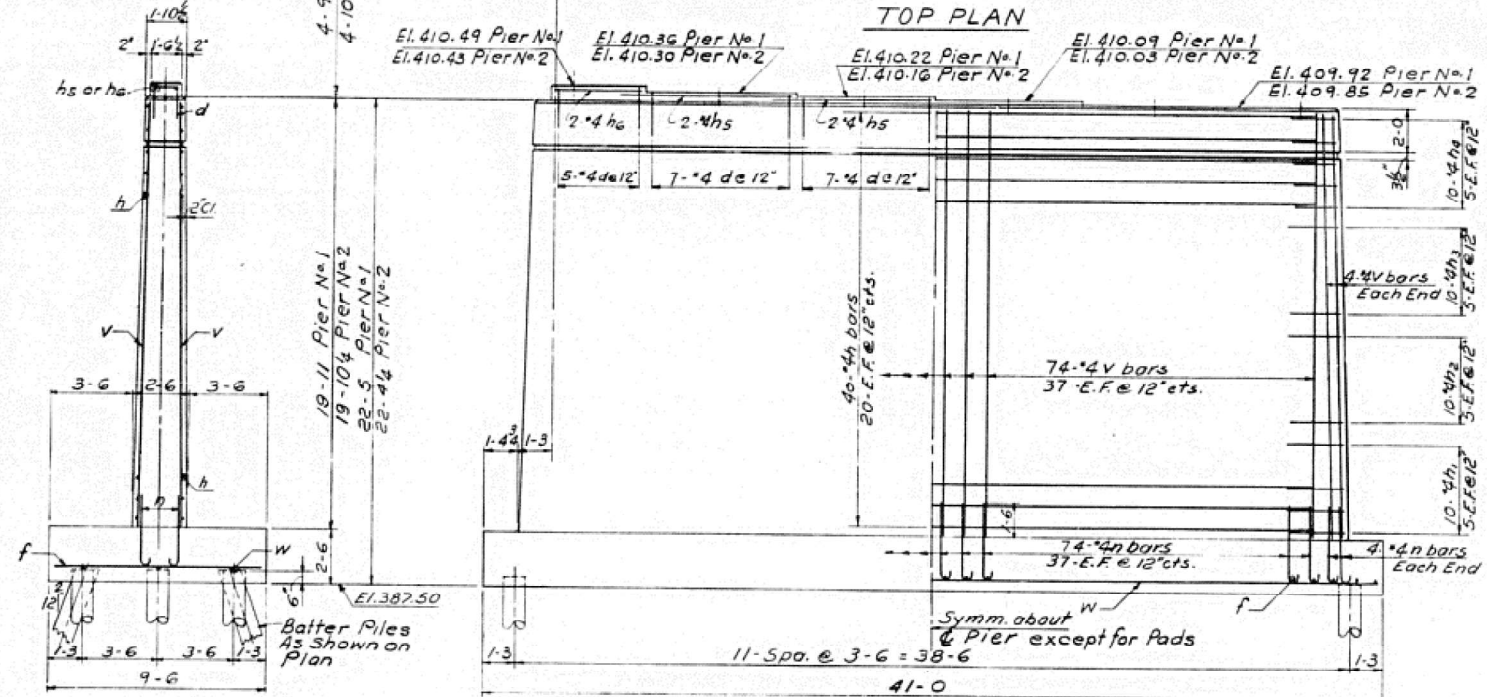
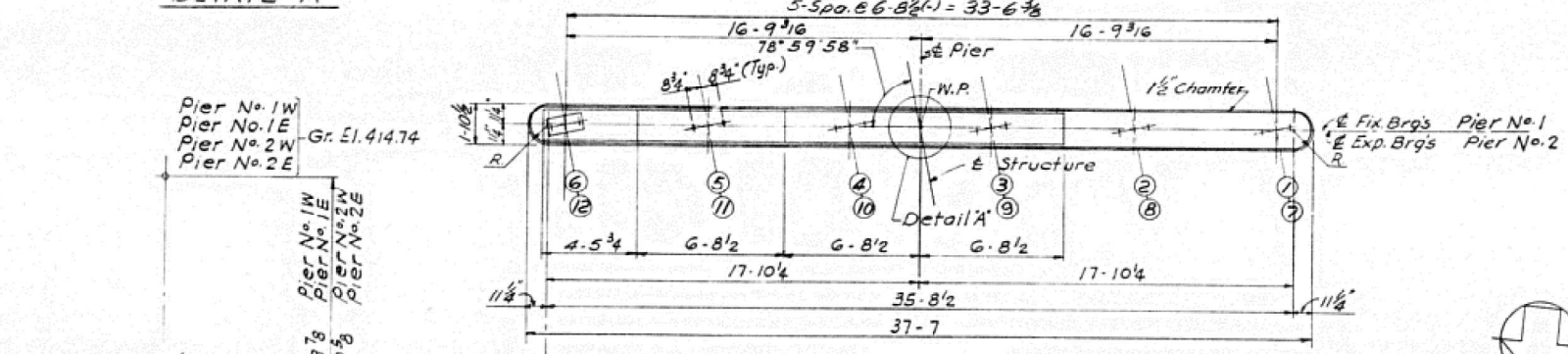
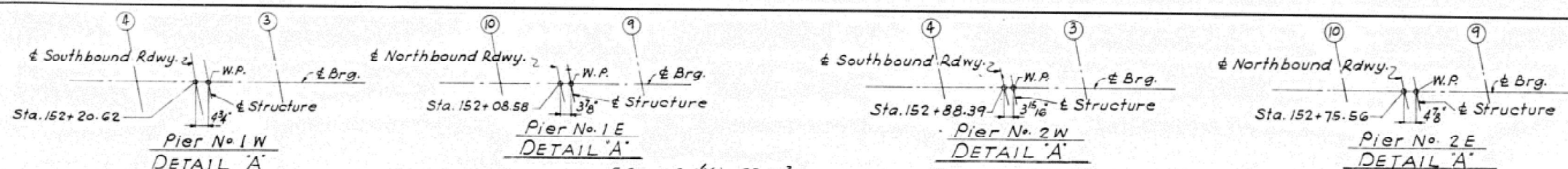
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 203 OVER CAHOKIA CANAL
AS BUILT PLANS

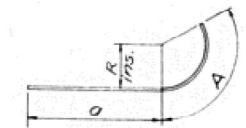
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-B-1	ST. CLAIR	140	131
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

FEDERAL-AID ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.-4	580-B	ST. CLAIR	21	13
FED. ROAD DIV. NO. 4 ILLINOIS PROJECT				

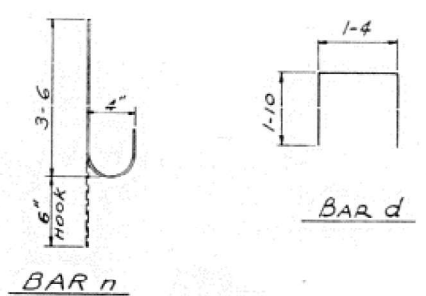


NOTCH DETAIL



Bar	a	R	A
h1	1-3	1-0 1/2	2-3
h2	1-3	1 1/2	2-1
h3	1-3	10 1/2	2-0
h4	1-3	9 1/2	1-10

DETAIL OF BARS h1, h2, h3, h4



BAR n

BAR d

PILE DATA

Concrete
Capacity - 35 Tons Min.
Est. Length - Pier 1-28 - Pier 2-23'
No. Req'd. - 142 + 2 Test Piles (1e1E & 1e2w)

Bar	No.	SIZE	Length	Shape
h	160	*4	35-8	—
h1	80	*4	3-6	—
h2	80	*4	3-4	—
h3	80	*4	3-3	—
h4	80	*4	3-1	—
h5	16	*4	7-8	—
h6	8	*4	4-0	—
n	320	*4	4-0	—
d	76	*4	3-0	—
f	168	*8	9-0	—
v	320	*4	19-8	—
w	12	*4	40-6	—
Class 'A' Concrete				Cu. Yds. 402.7
Reinforcement Bars				Lb. 14,290
Concrete Piles				Lin. Ft. 3621.0
Test Piles				Eq. 2
Class 'A' Excavation for Structures				Cu. Yds. 1035
Class 'B' Excavation for Structures				Cu. Yds. 3.15

NOTES
For anchor bolts see sh. No. 5
All exposed edges shall have a standard 3/4" chamfer unless otherwise noted.

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS
PIERS
F.A. ROUTE 4
OVER CAHOKIA CANAL
F.A. ROUTE 4 SECTION 580-B
ST. CLAIR COUNTY STATION 152+49.00
H. W. LOCHNER, INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS
Sh.No. 9

April 10, 1959

Designed by: S.K.
Drawn by: E.M.
Checked by: A.J.C.

MODEL: Pn 12 (Sheet)
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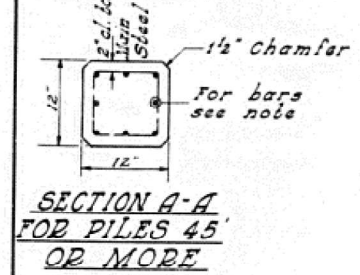
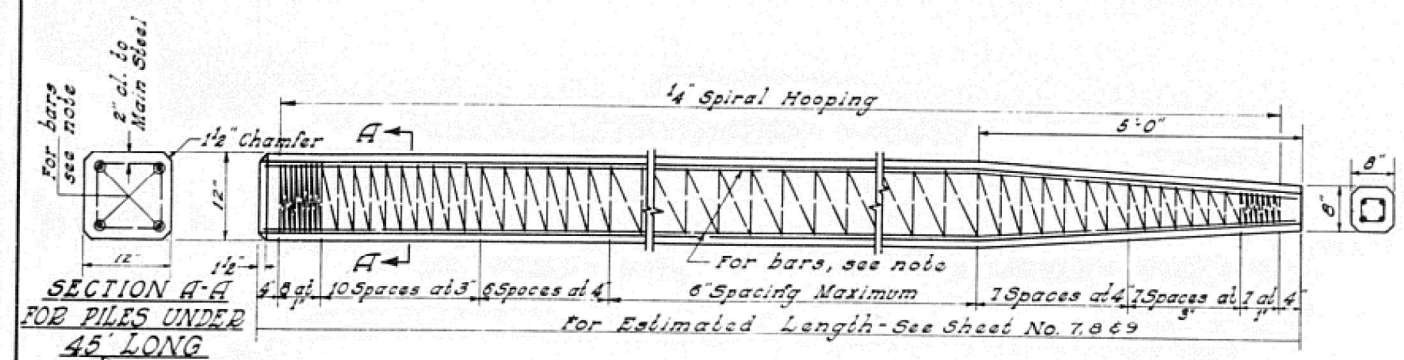
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 203 OVER CAHOKIA CANAL
AS BUILT PLANS

SCALE: N/A SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	132
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

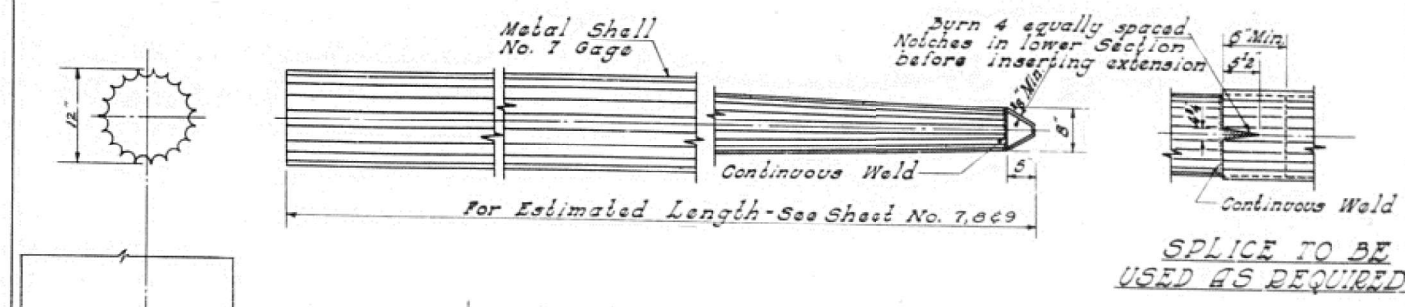
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F. A. - 4	580-B	ST. CLAIR	21	14
FED. ROAD DIV. NO. 4 ILLINOIS PROJECT				



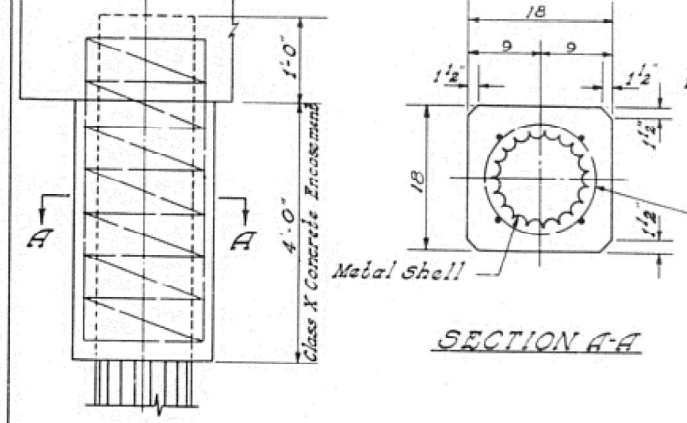
NOTE:
 For 12x12 Piles 45' long or more use 8-#8 bars - 4 for the full length and 4 to the point of bevel. For 12x12 Piles under 45'-0" long use 4-#9 bars the full length.

HANDLING: For Pile lengths up to 45 Ft. use 2 slings placed at a distance of 0.21 L* from each end. For Piles longer than 45 Ft., use three slings placed at a distance of 0.12 L* from each end and at mid-point of pile.
 *L = Over all length of pile to be handled

**ALTERNATE A
 DETAIL OF PRECAST CONCRETE PILES**

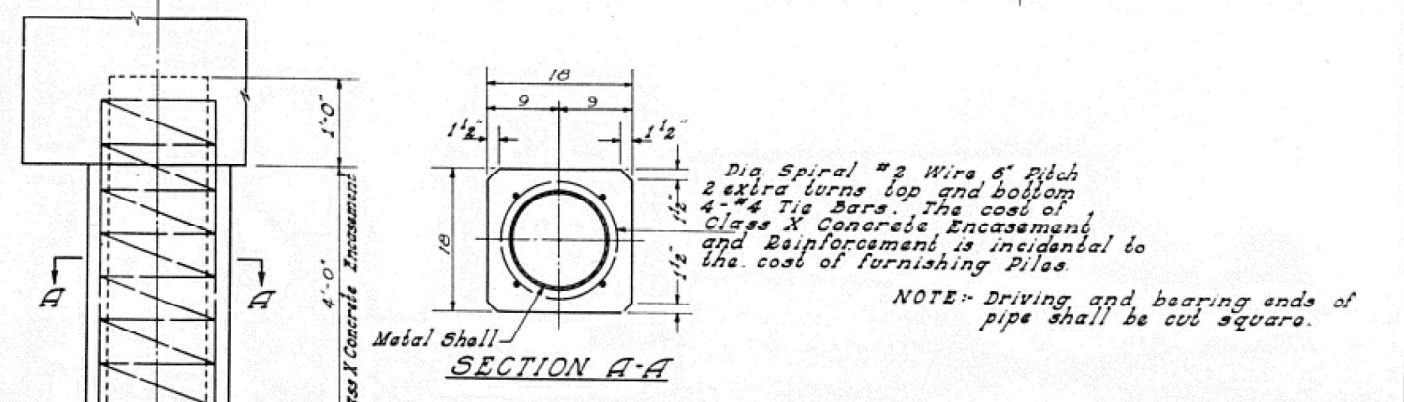
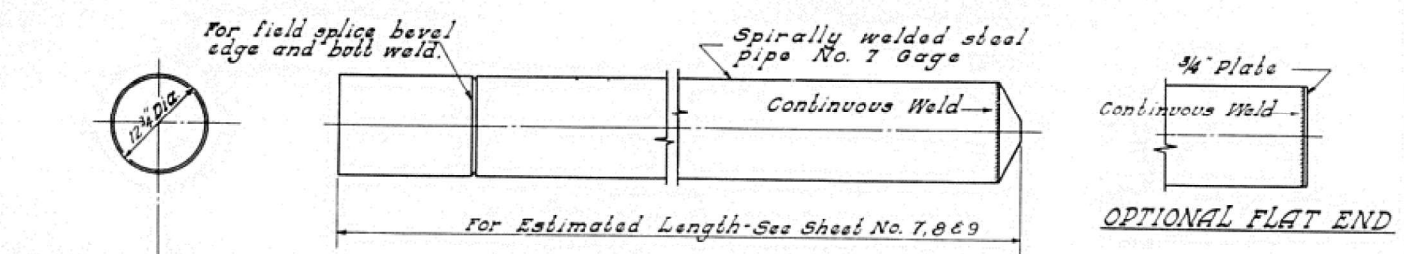


ALLOWABLE TAPERS
 1. - Taper 1 1/2'-6" for 10 x 12" Cylindrical Section Extension
 2. - Taper 1'-4'-0" for 17 x 12" Cylindrical Section Extension



Diagonal Spiral #2 Wire, 6" pitch
 2 extra turns top and bottom
 4-#4 Tie Bars. The cost of Class X Concrete Encasement and Reinforcement is incidental to the cost of Furnishing Piles.

**ALTERNATE B
 DETAIL OF METAL SHELL
 FOR CAST IN PLACE CONG. PILES.**



**ALTERNATE B
 DETAIL OF SPIRALLY WELDED STEEL SHELL
 FOR CAST IN PLACE CONCRETE PILES**

NOTE: Driving and bearing ends of pipe shall be cut square.

**STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC WORKS & BLDGS.
 DIVISION OF HIGHWAYS
 CONCRETE PILE DETAILS
 F.A. ROUTE 4
 OVER CAHOKIA CANAL
 F.A. ROUTE 4 SECTION 580-B
 ST. CLAIR COUNTY STATION 152+49.00**

H. W. LOCHNER, INC.
 CONSULTING ENGINEERS
 CHICAGO, ILLINOIS

Sh.No.
10

APRIL 10, 1959

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	CHECKED - HER	REVISED -
PLOT DATE = 4/9/2025	DATE = 4/21/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 203 OVER CAHOKIA CANAL
 AS BUILT PLANS**

SCALE: N/A SHEET 11 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	133
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

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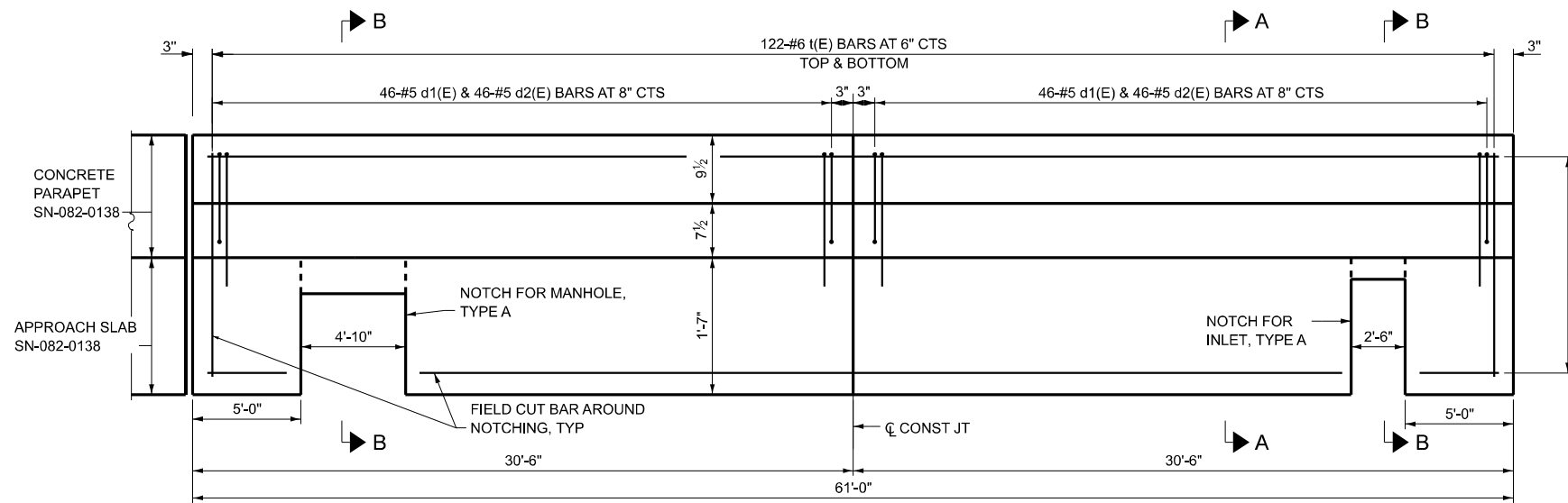
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

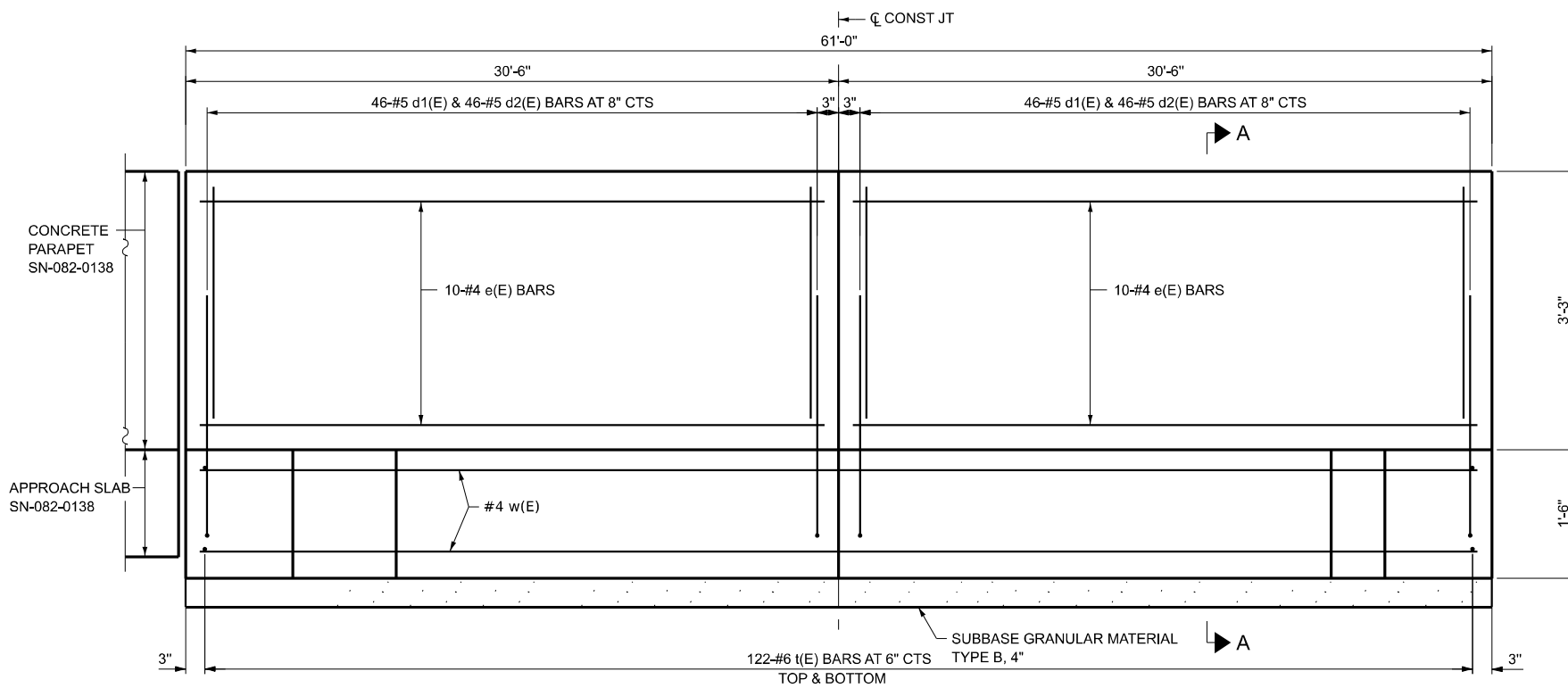
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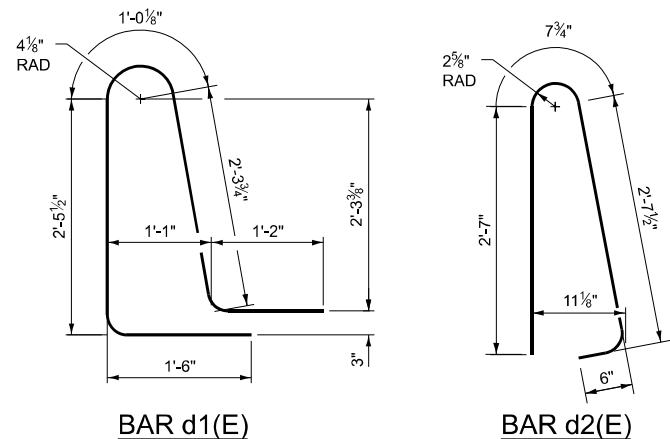
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	134
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



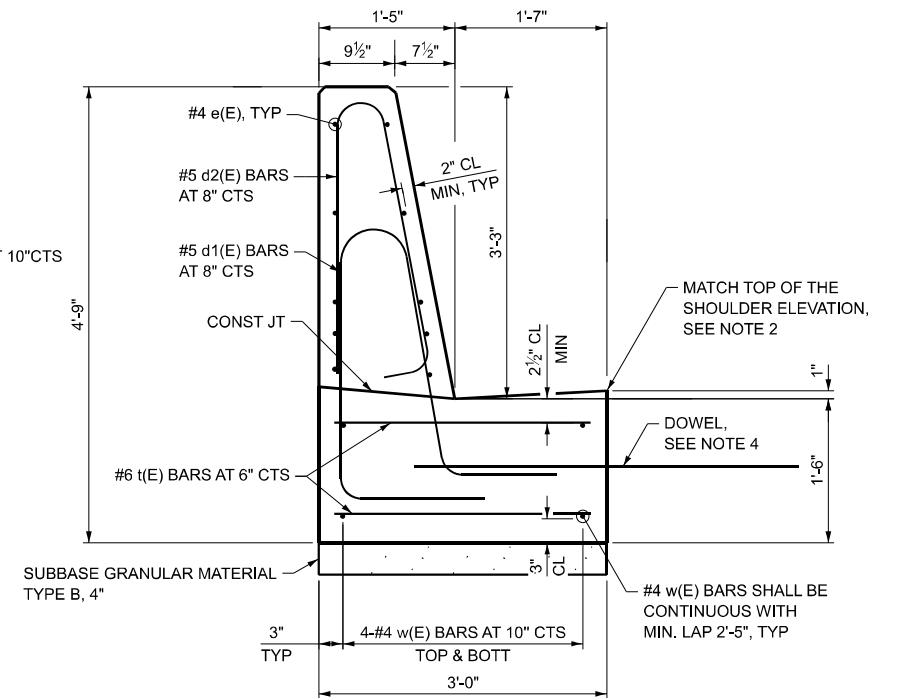
CONCRETE BARRIER PLAN
(BARRIER LONGITUDINAL BARS NOT SHOWN FOR CLARITY)



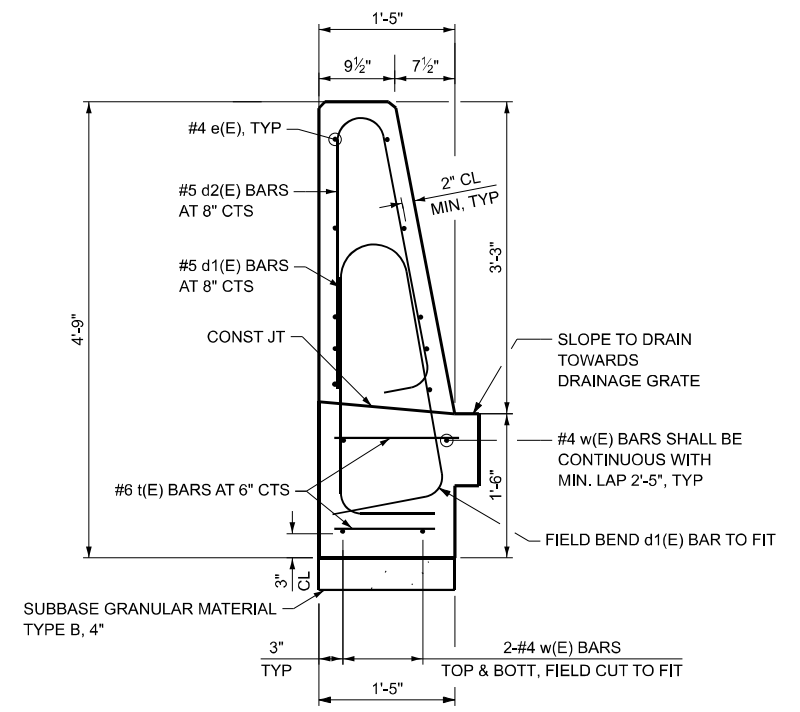
CONCRETE BARRIER ELEVATION



BAR BEND DIAGRAM



SECTION A-A



SECTION B-B
(MANHOLE/INLET NOT SHOWN FOR CLARITY)

- NOTES:**
1. FOR BARRIER LOCATION, SEE SHEET 28 OF 140.
 2. EXCEPT FOR SUBBASE GRANULAR MATERIAL TYPE B, 4", ALL WORK AND MATERIALS DETAILED HEREIN SHALL BE INCLUDED IN THE COST OF "CONCRETE BARRIER WALL (SPECIAL)" AND "CONCRETE BARRIER WALL (SPECIAL)" UNLESS OTHERWISE NOTED.
 3. JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH ARTICLE 637.08 OF THE STANDARD SPECIFICATIONS.
 4. #6(E) 4'-0" LONG DOWEL BARS SHALL BE PLACED AT MID-DEPTH OF ANCHORAGE SLAB AT A MAXIMUM OF 3'-0" PLAN SPACING. IF DOWEL BAR ALIGNS WITHIN 1'-6" OF A PAVEMENT JOINT, THE DOWEL BAR SHALL BE REPOSITIONED SUCH THAT IT IS PLACED AT A MINIMUM OF 1'-6" FROM EITHER SIDE OF THE PAVEMENT JOINT.

CODE ITEM	ITEM	UNIT	TOTAL QUANTITY
X6370048	CONCRETE BARRIER BASE (SPECIAL)	FOOT	61
X6370050	CONCRETE BARRIER WALL (SPECIAL)	FOOT	61

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	DRAWN - LK	REVISED -
	CHECKED - EPP/AT	REVISED -
PLOT DATE = 5/6/2025	DATE - 4/21/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SINGLE FACED
CONCRETE BARRIER DETAILS

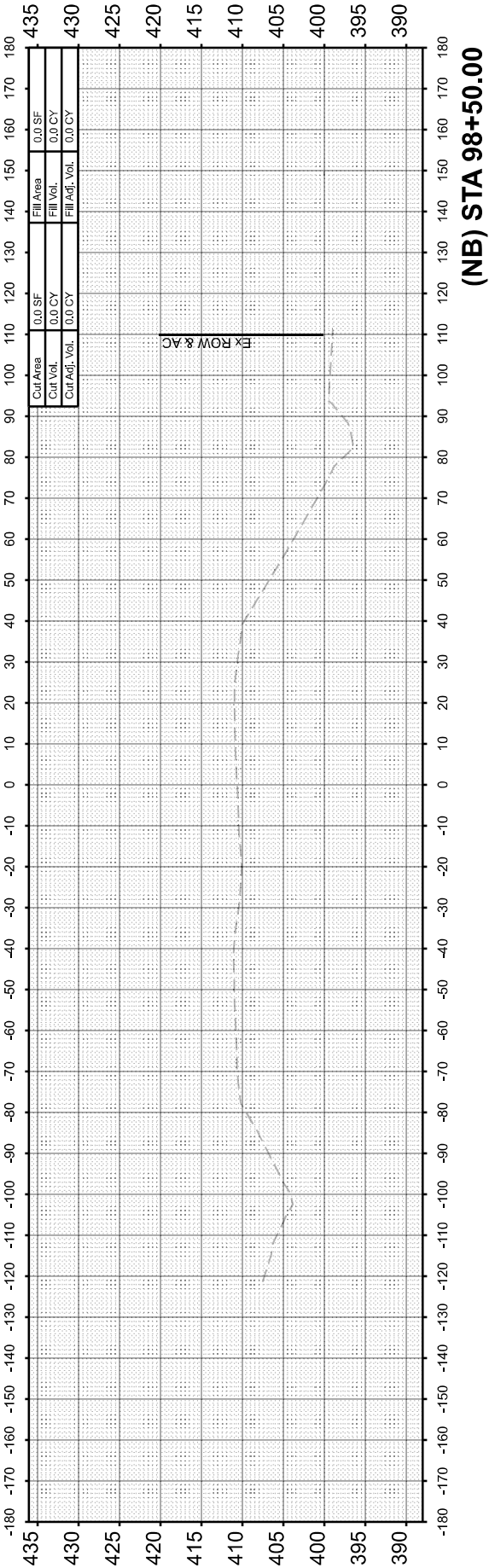
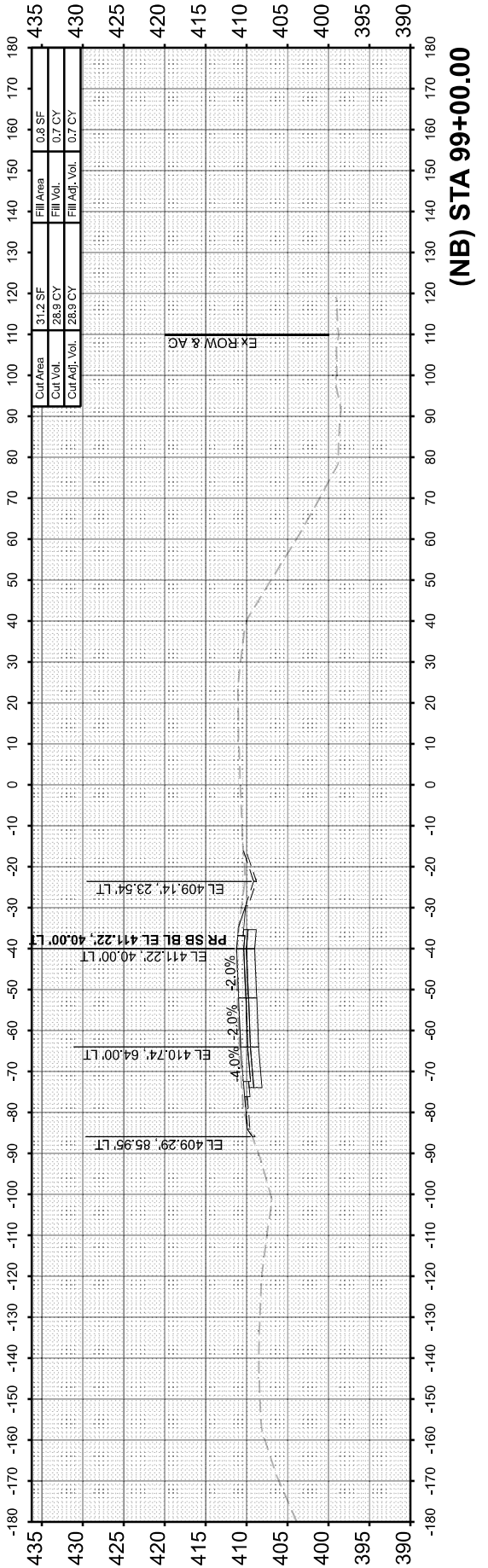
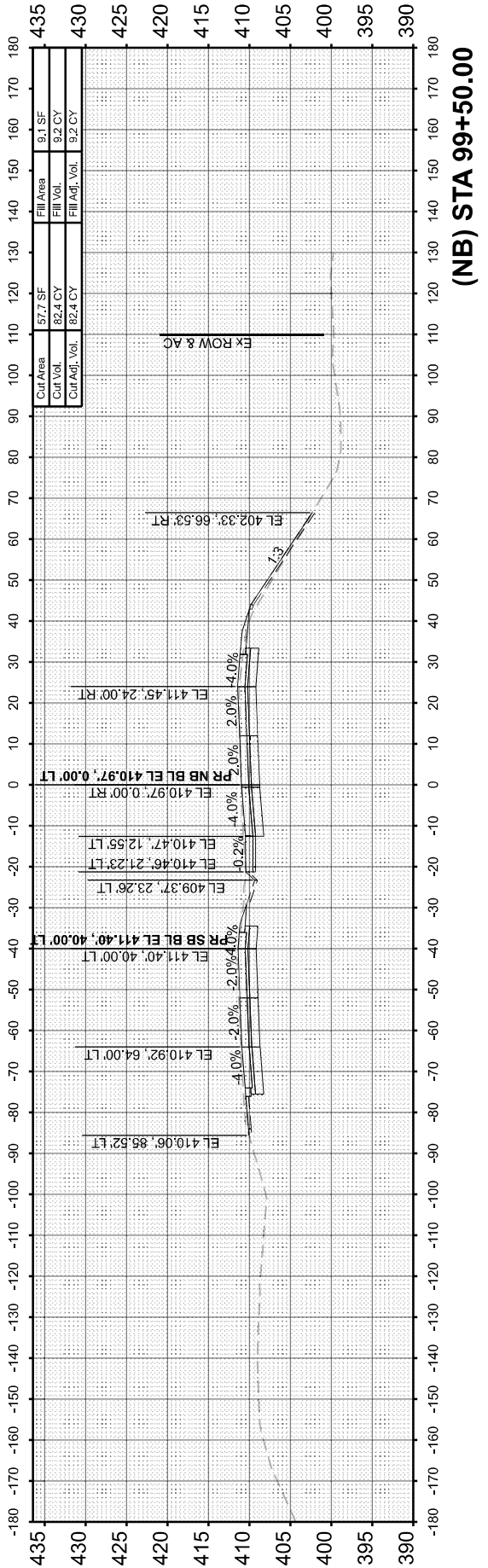
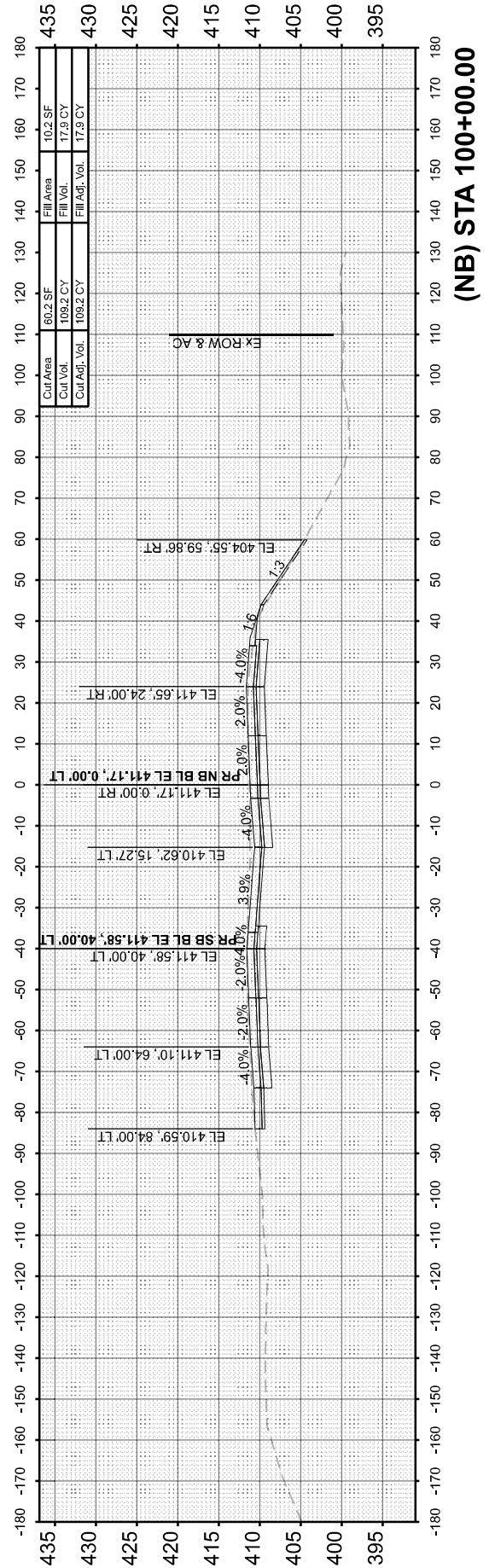
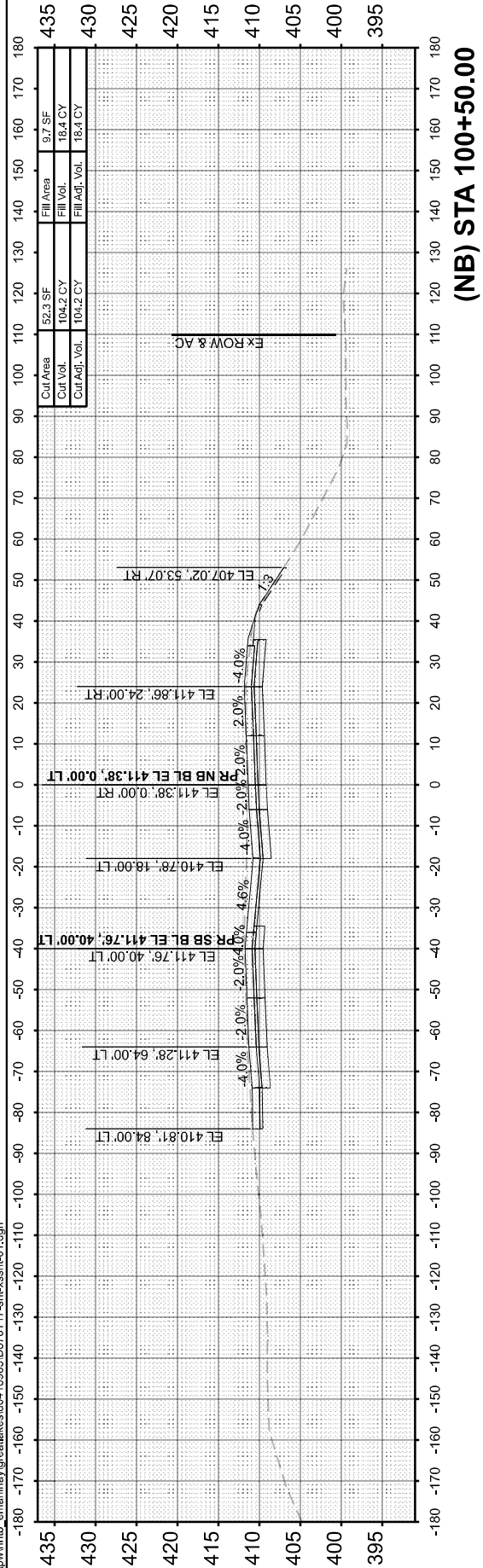
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F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 135
CONTRACT NO. 76T17			ILLINOIS FED. AID PROJECT	

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

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

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DRAWN	- JRS
CHECKED	- HER
DATE	- 4/21/2025
REVISIONS	
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DATE	
DESCRIPTION	

DESIGNED	- CZ
DRAWN	- JRS
CHECKED	- HER
DATE	- 4/21/2025
REVISIONS	
NO.	
DATE	
DESCRIPTION	

DESIGNED	-
DRAWN	-
CHECKED	-
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REVISIONS	
NO.	
DATE	
DESCRIPTION	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 203 PROPOSED CROSS SECTIONS

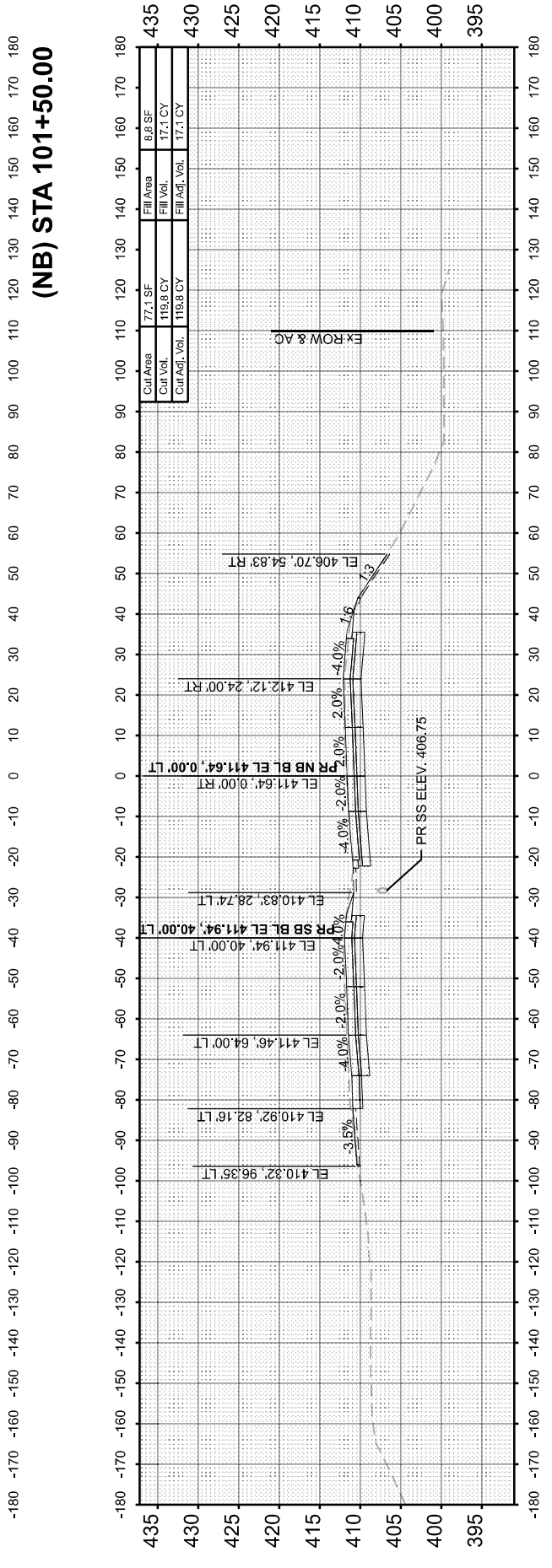
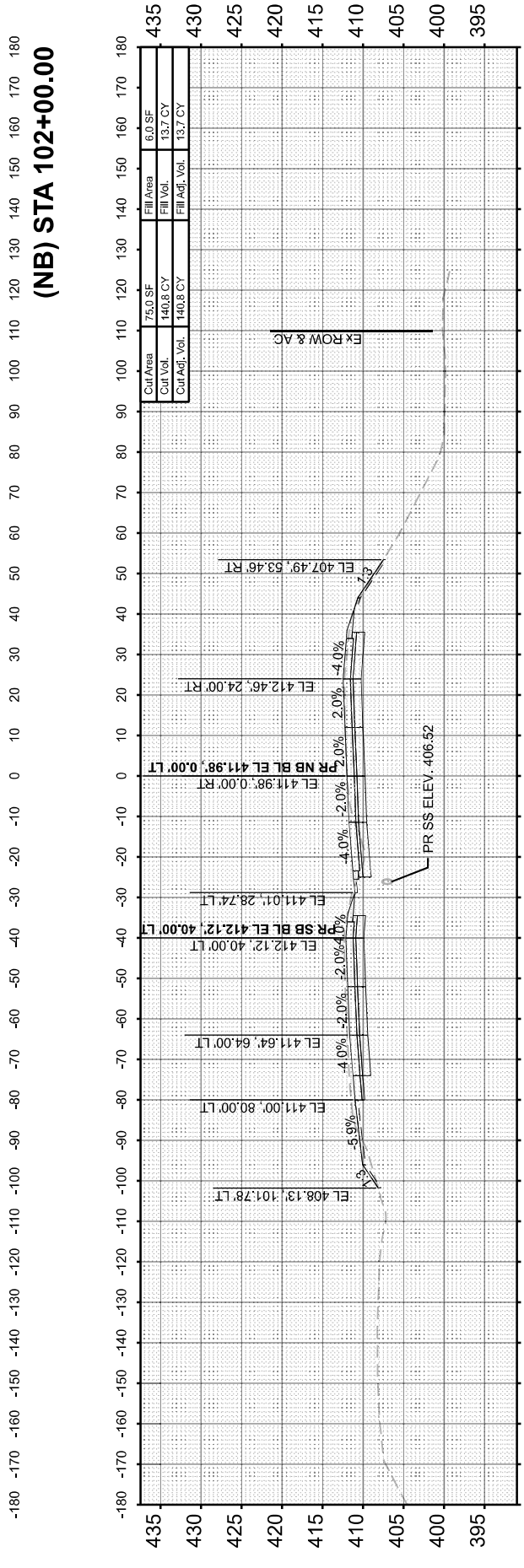
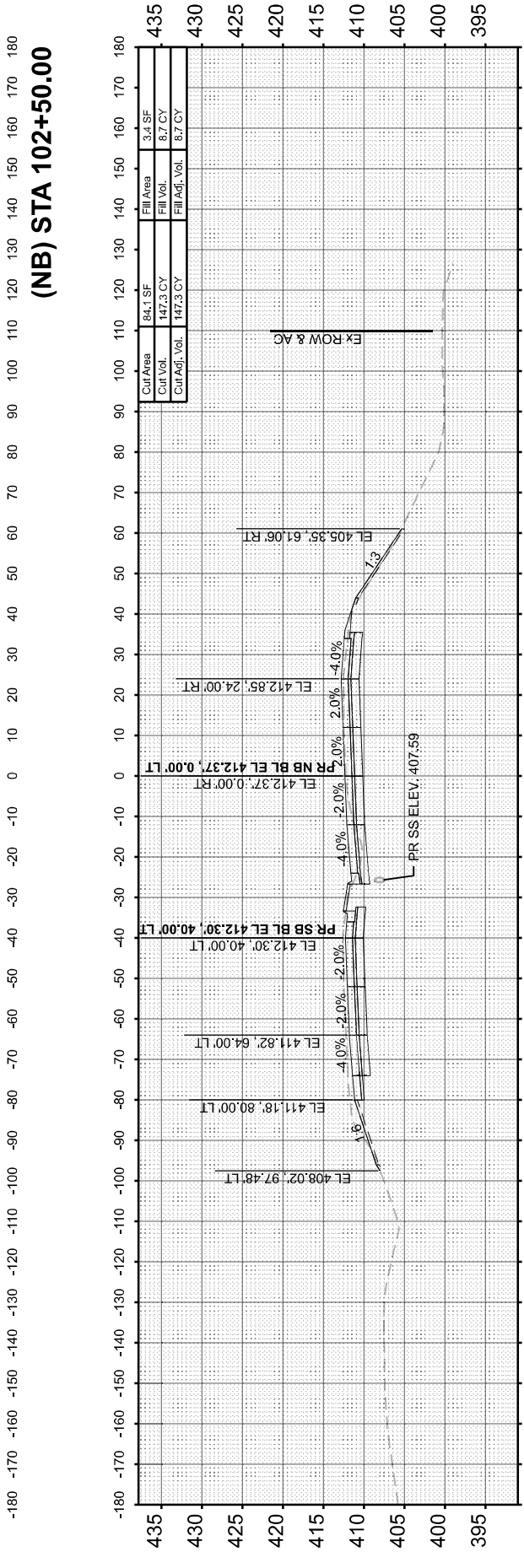
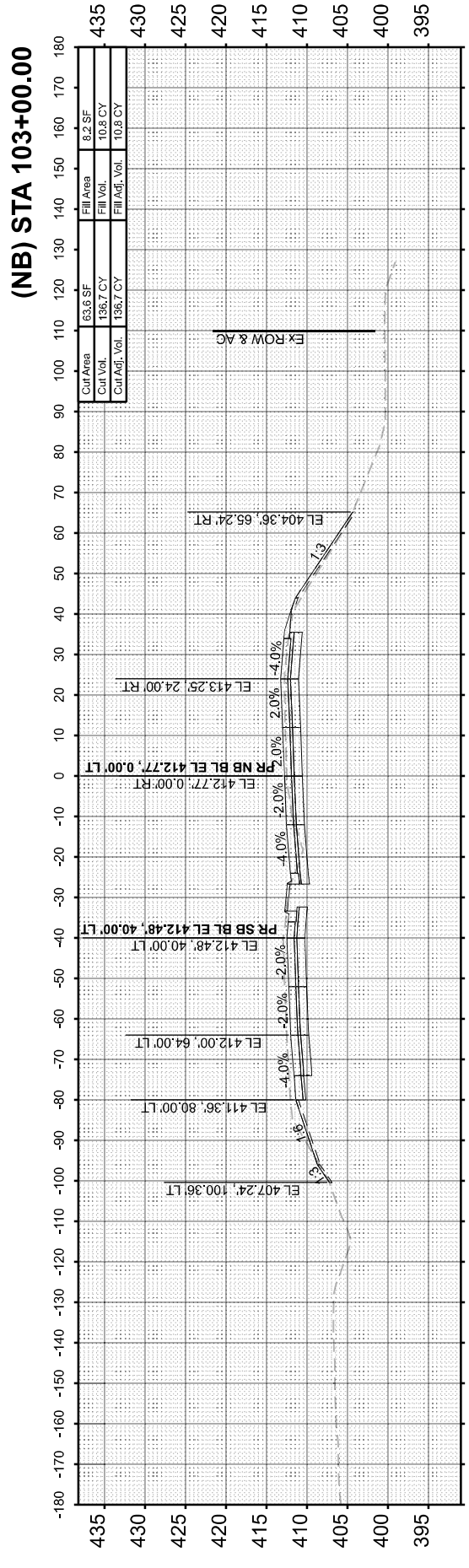
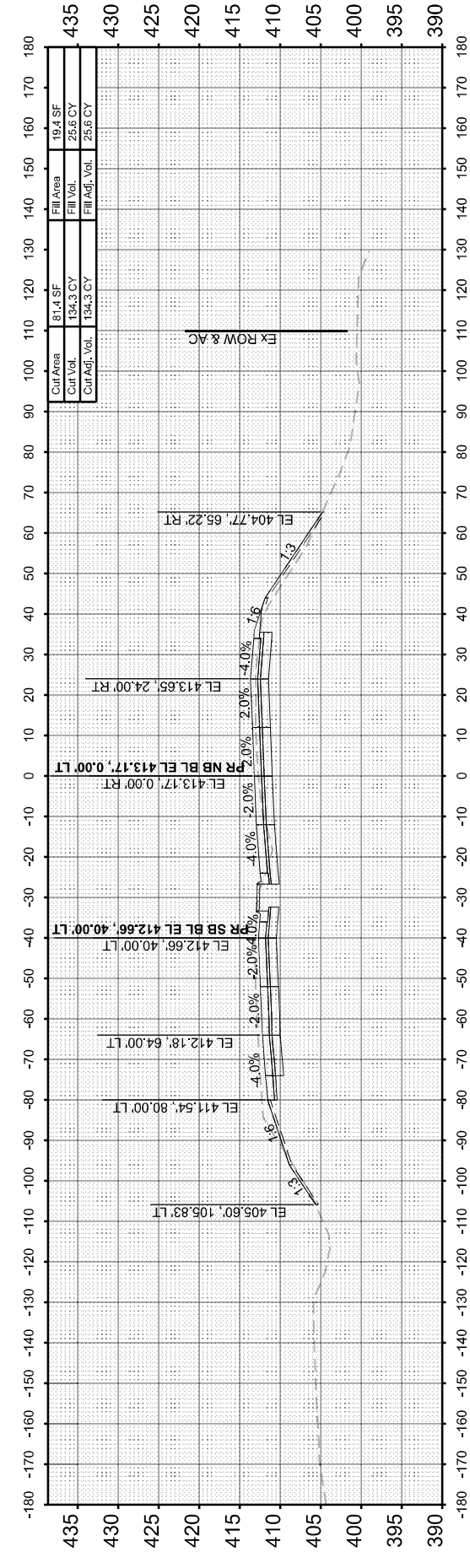
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	136
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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USER NAME	= emahinay
PLOT DATE	= 8/8/2025

DESIGNED	- CZ
DRAWN	- JRS
CHECKED	- HER
DATE	- 4/21/2025

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 203 PROPOSED CROSS SECTIONS

SCALE: 10H:5V SHEET 2 OF 5 SHEETS STA. 101+00.00 TO STA. 103+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	580-BR-1	ST. CLAIR	140	137
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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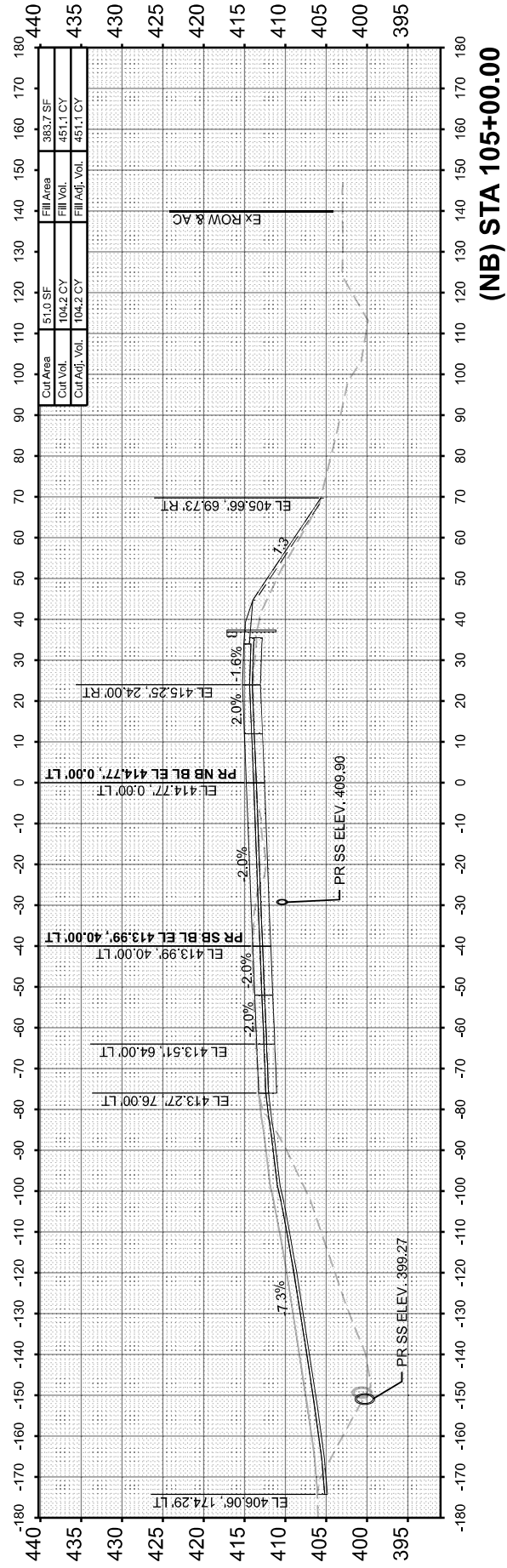
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

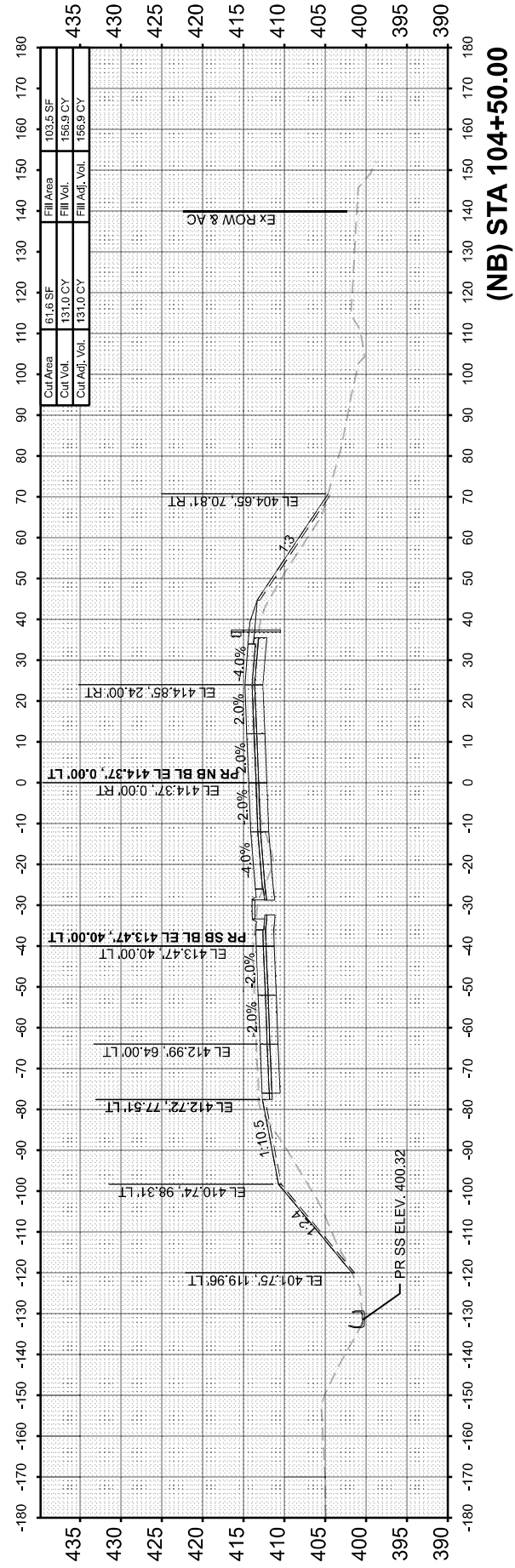
IL 203 PROPOSED CROSS SECTIONS

SCALE: 10H:5V SHEET 3 OF 5 SHEETS STA. 103+50.00 TO STA. 105+00.00

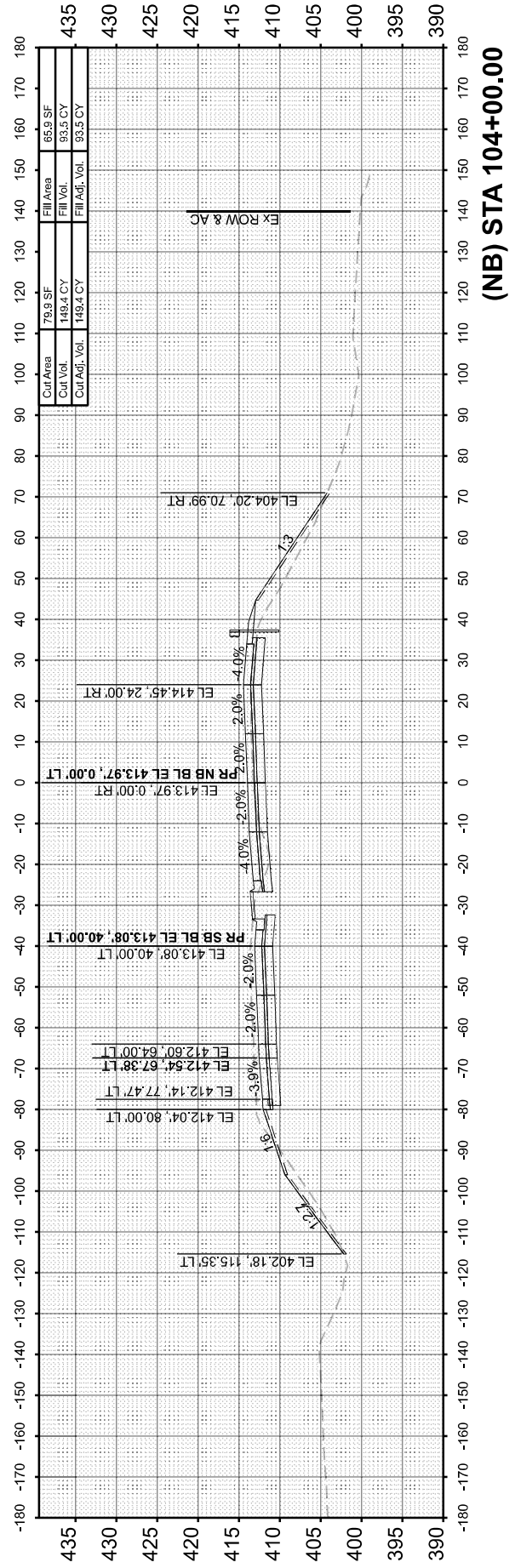
F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 138
CONTRACT NO. 76T17				
ILLINOIS FED. AID PROJECT				



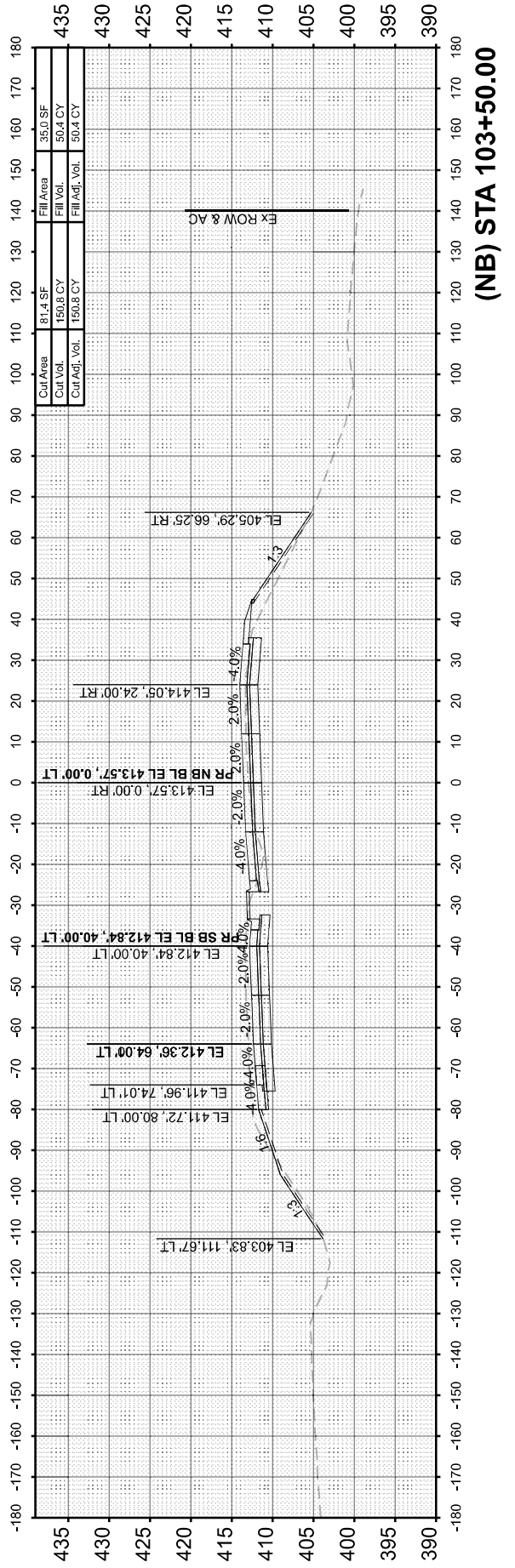
(NB) STA 105+00.00



(NB) STA 104+50.00



(NB) STA 104+00.00



(NB) STA 103+50.00

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Sheet 4
FILE NAME: C:\cadd\hwy\hnb_emahiny\grcatkcs\0418963\081617\sh-hsstc01.dgn



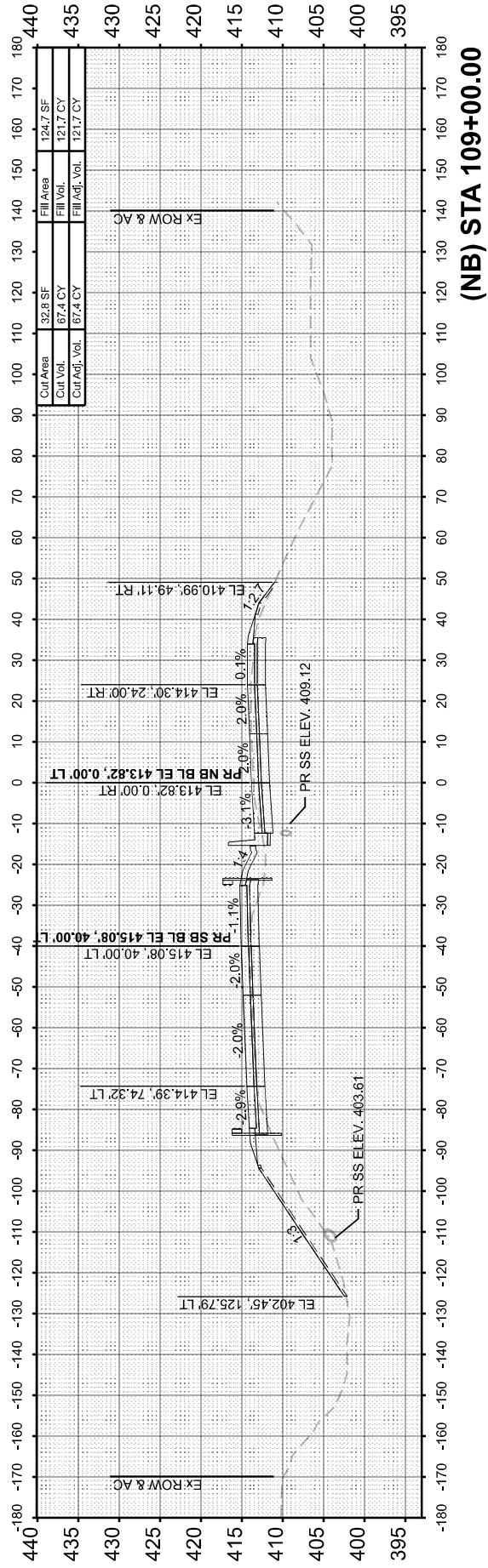
USER NAME = jschaefer	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/7/2025	DATE - 4/21/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

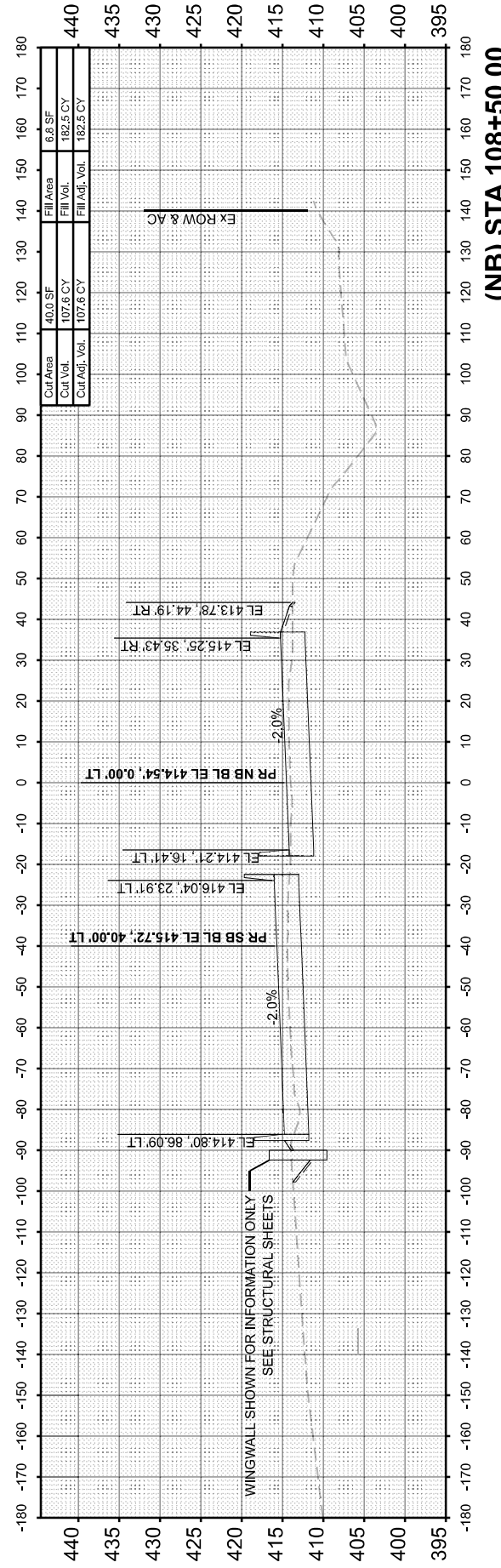
IL 203 PROPOSED CROSS SECTIONS

SCALE: 10H:5V SHEET 4 OF 5 SHEETS STA. 105+50.00 TO STA. 109+00.00

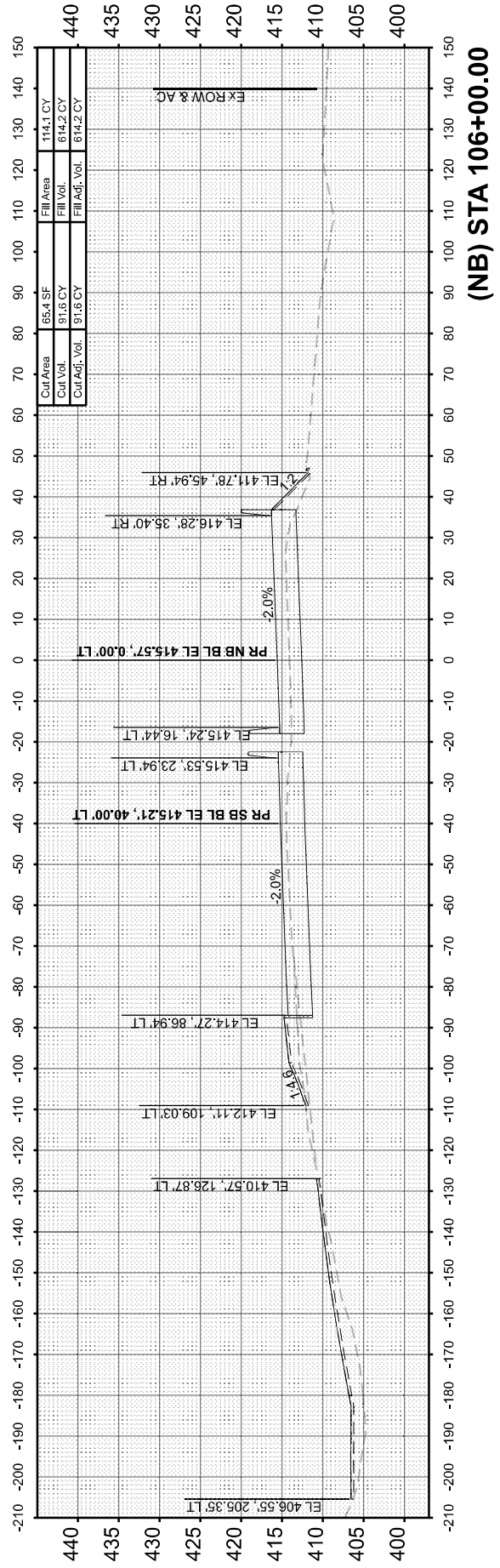
F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 139
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76T17	



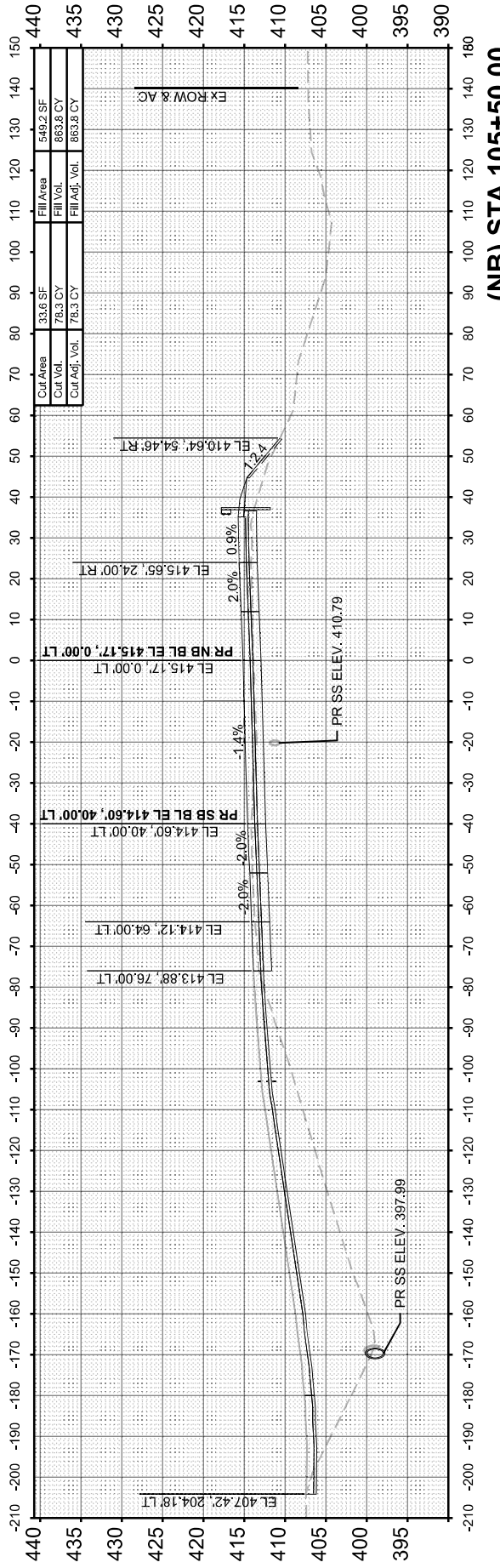
(NB) STA 109+00.00



(NB) STA 108+50.00



(NB) STA 106+00.00



(NB) STA 105+50.00

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

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

MODEL: Sheet 5
 FILE NAME: C:\cadd\ibp\hnb_ischaefer\@atks\0418963\08761717-sht-ssht-01.dgn



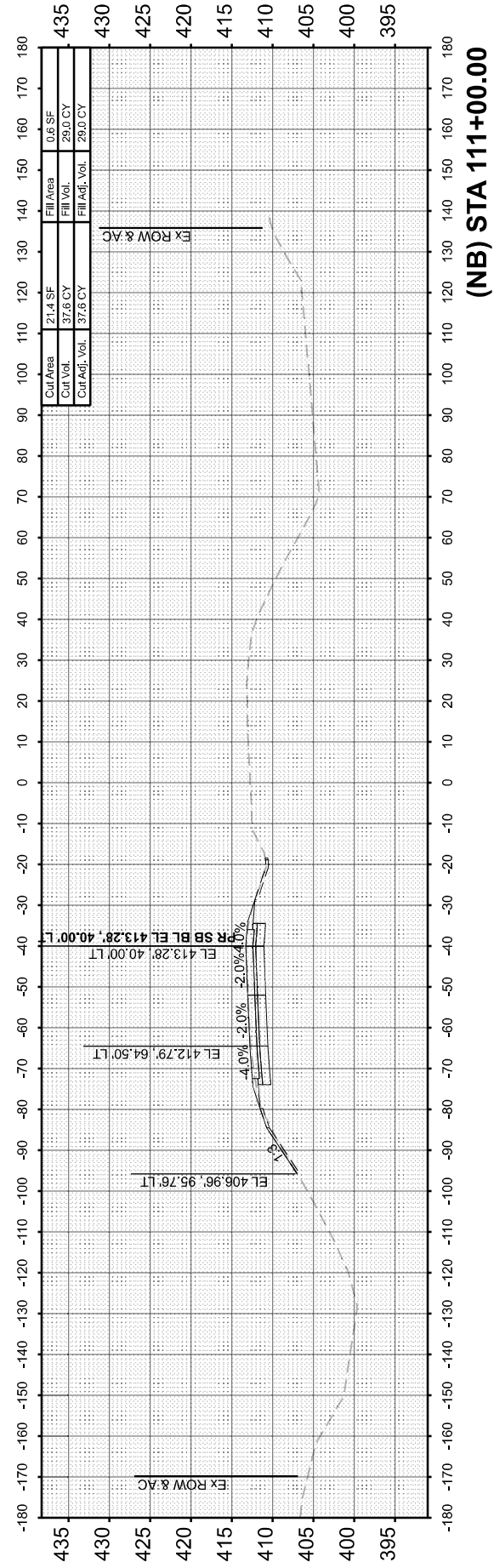
USER NAME = jschaefer	DESIGNED - CZ	REVISED -
	DRAWN - JRS	REVISED -
	CHECKED - HER	REVISED -
PLOT DATE = 8/7/2025	DATE = 4/21/2025	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

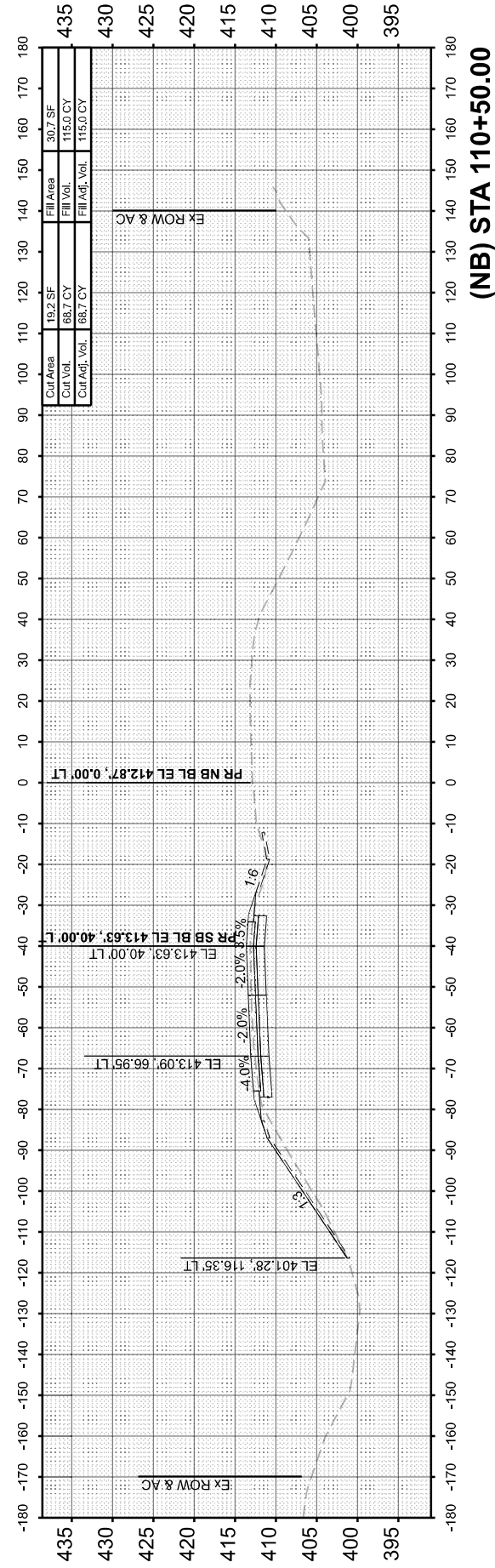
IL 203 PROPOSED CROSS SECTIONS

SCALE: 10H:5V SHEET 5 OF 5 SHEETS STA. 109+50.00 TO STA. 111+00.00

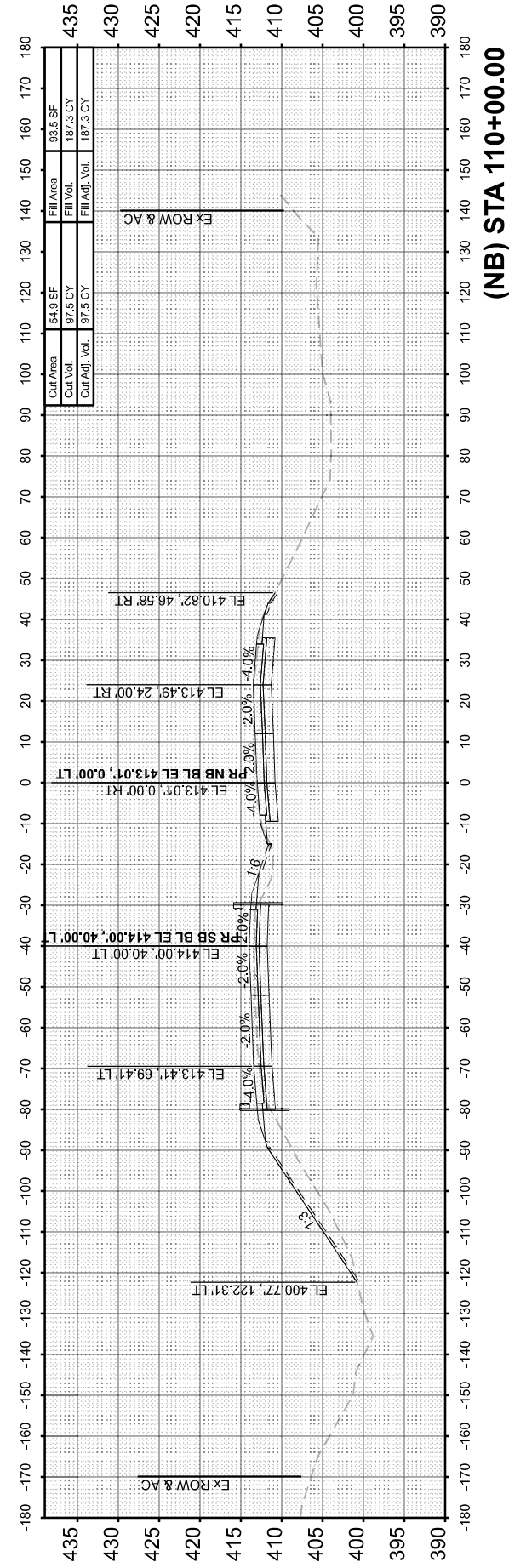
F.A.P. RTE. 594	SECTION 580-BR-1	COUNTY ST. CLAIR	TOTAL SHEETS 140	SHEET NO. 140
CONTRACT NO. 76T17			ILLINOIS FED. AID PROJECT	



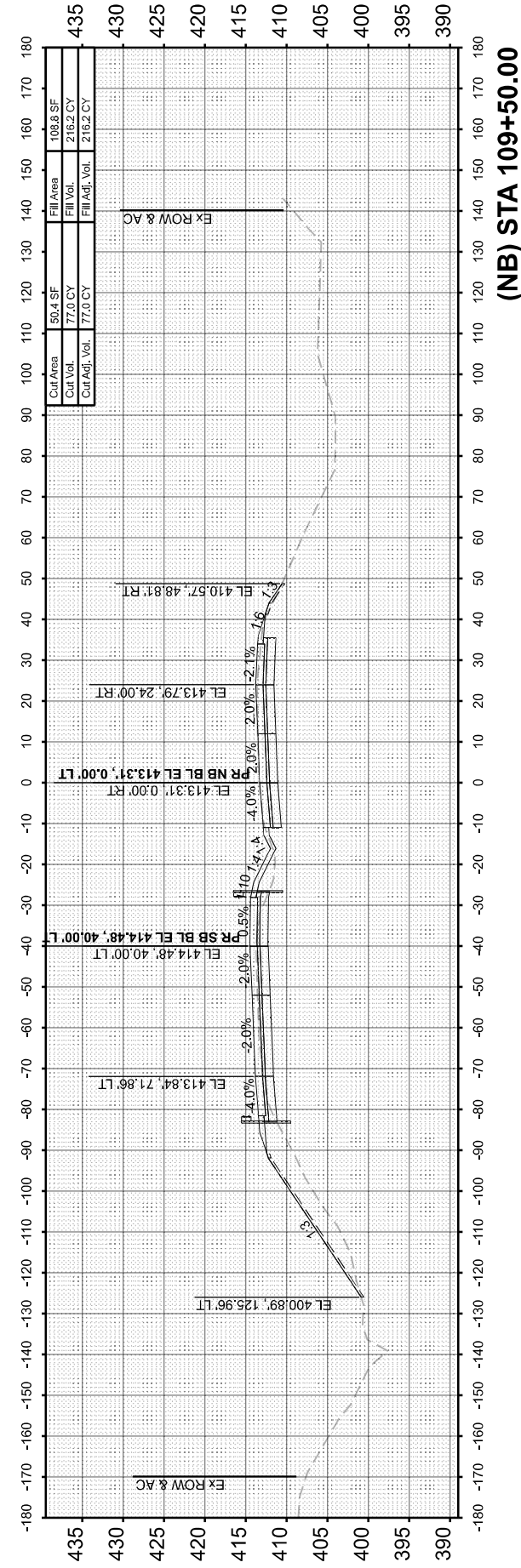
(NB) STA 111+00.00



(NB) STA 110+50.00



(NB) STA 110+00.00



(NB) STA 109+50.00