

INDEX OF SHEETS

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HIGHWAY STANDARDS

SEE SHEET 3 FOR "HIGHWAY STANDARDS"

PROPOSED HIGHWAY PLANS

**FAI ROUTE 57 (I-57)
SECTION (02-1B-1)BP-1
PROJECT NO. BR-E0A4(161)
BRIDGE PAINTING ON SN 002-0022
ALEXANDER COUNTY, IL & MISSISSIPPI COUNTY, MO**

C-99-017-23

BRIDGE DATA

INVENTORY RATING 0.87 (31)
OPERATING RATING 1.450 (52)
NO LOADING POSTING

I-57 TRAFFIC DATA

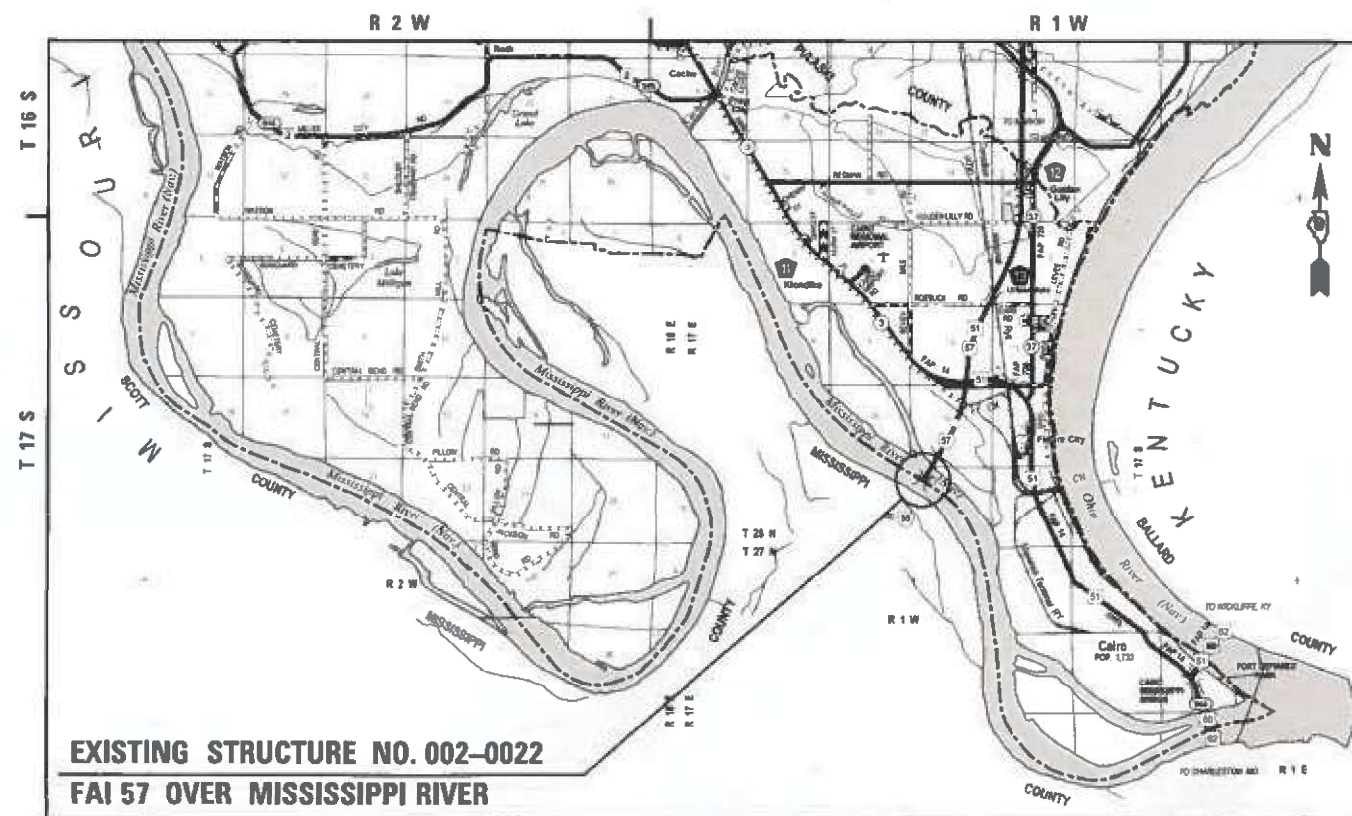
POSTED SPEED: 70 MPH
ADT = 13,700 (2023)
P.V. = 5,350 (39.1%)
S.U. = 550 (4.0%)
M.U. = 7,800 (56.9%)



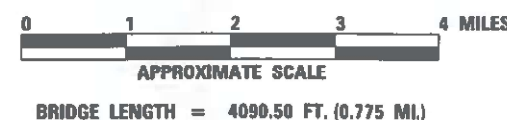
SEAN D. MAXWELL ILLINOIS P.E. 062.071986 DATE 1/22/2025
EXPIRES 11/30/2025

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

PROJECT ENGINEER: EHREN KIRBY (618) 351-5227

**CONTRACT NO. 78973**

LOCATION MAP



BRIDGE LENGTH = 4090.50 FT. (0.775 MI.)



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 31 2025

Lora S. Rensing
REGION FIVE ENGINEER

March 21 2025

 ENGINEER OF DESIGN AND ENVIRONMENT

March 21 25
5
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

MODEL: Unnamed Plan - Plan 8 (Sheet)
FILE NAME: S:\2021\11\1060 - PTB 200-40 D6 - TWM - Various Ph. HIWO 7-Plant L-57 over Mississippi R 002-002\2\CADD\CADD Sheets\ID878973-shi-GenNote-001.dgn



QUIGG ENGINEERING INC

USER NAME	* toverton	DESIGNED	-	TO	REVISED	-
		DRAWN	-	TO	REVISED	-
PLOT SCALE	* 0.18688833" / in.	CHECKED	-	SM	REVISED	-
PLOT DATE	* 1/21/2025	DATE	-	1/24/2025	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT SIGNATURE BLOCK
I-57

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	.	104	2
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				

MODEL: Unnamed Plan-1 - Plan 4 (Sheet)
FILE NAME: S:\2021\21IL060 - PTB 201-40 D9 - TWM - Various Ph I-IIWO 7-Print I-57 over Mississippi R 002-002\CADD\CADD Sheets\0978973-shr-CenNote-002.dgn

INDEX

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GENERAL NOTES

1.

WHERE STAGE I TRAFFIC DRIVES OVER THE EXISTING SOUTHBOUND AND NORTHBOUND OUTSIDE SHOULDERS, EACH EXISTING ±22" X ±25" DRAINAGE SCUPPER SHALL BE COVERED WITH A METAL PLATE TO ADEQUATELY PROTECT IT FROM CARRYING THE FULL WEIGHT OF TRAFFIC IMPACTS. THE METAL PLATE SHALL BE OFFSET 6" FROM THE TOE OF THE PARAPET TO ALLOW FOR DRAINAGE OF THE ROADWAY. THE METAL PLATE SHALL BE FASTENED TO THE DECK SURROUNDING THE SCUPPER AS APPROVED BY THE ENGINEER. THE COST OF FURNISHING, INSTALLING, MAINTAINING, AND REMOVING THE METAL PLATES IS INCLUDED IN TRAFFIC CONTROL AND PROTECTION (SPECIAL).
2.

THE CONTRACTOR SHALL NOT REDUCE TRAFFIC TO ONE LANE IN EITHER DIRECTION UNTIL A DELIVERY DATE OF PRESTAGE MATERIALS AND A WORK SCHEDULE HAS BEEN APPROVED BY THE ENGINEER.
3.

AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
4.

ANY EARTH WORK REQUIRED FOR THE CONSTRUCTION OF THE CROSSOVERS SHALL BE INCLUDED IN THE COST OF AGGREGATE SUBGRADE IMPROVEMENT, 12".
5.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT2.016 TON/CU. YD.

ALL AGGREGATE2.05 TONS/CU. YD.
6.

THE QUANTITY OF TEMPORARY CONCRETE BARRIER IS BASED OFF THE INITIAL INSTALLATION REQUIRED FOR A FULL CONSTRUCTION SEASON, SEASON 1, AND THE REMOBILIZATION REQUIRED AT THE START OF EACH FOLLOWING CONSTRUCTION SEASON, SEASONS 2 AND 3. IF THE CONTRACTOR CHOOSES TO REMOVE AND RELOCATE BARRIER WITHIN THE SAME SEASON TO BEGIN WORK ON ANOTHER STAGE, THE RELOCATION OF THE BARRIER SHALL BE AT THE CONTRACTOR'S EXPENSE.

HIGHWAY STANDARDS

STD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
420001-10	
420101-07	
420106-07	
631031-18	
642001-03	
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	
701402-12	
701416-11	
701901-10	
704001-08	
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
780001-05	TYPICAL PAVEMENT MARKINGS

COMMITMENTS

1.

IN MARCH OF 2026 AND MARCH 2028, THE CONTRACTOR SHALL ALLOW IDOT TO CLOSE THE DRIVING LANE IN EACH DIRECTION FOR THE REQUIRED BRIDGE INSPECTIONS. ONE WEEK PER LANE FOR A TOTAL OF 2 WEEKS. ACCESS SHALL BE GIVEN TO ALL PARTS OF THE BRIDGE.

REV - MS



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USER NAME = toverton	DESIGNED - TO	REVISED -
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PLOT SCALE = 0.16666633' / in.	CHECKED - SM	REVISED -
PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND HIGWAY STANDARDS,
INDEX OF SHEETS

SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	3
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				

MODEL: Unnamed Plan - Plan 1 [Sheet]
FILE NAME: S:\2021\21IL060 - PTB 201-40 D9 - TWM - Various Ph I-II\WO 7-Print I-57 over Mississippi R 002-002\CADD\CADD Sheets\0978973-sht-SQQ.dgn



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	CHECKED - SDM	REVISED -
PLOT DATE = 2/7/2025	DATE - 01/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
I-57			
SCALE:	SHEET 1	OF 3	SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	4
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				

* SPECIALTY ITEM

REV - MS

				CONSTRUCTION TYPE CODE	
				50% ILLINOIS (90% FED/10% STATE)	100% MISSOURI
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0047	0047
				RURAL	RURAL
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	3,073.0	1,536.5	1,536.5
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	2948	1474	1474
44004250	PAVED SHOULDER REMOVAL	SQ YD	7,054	3,527	3,527
48300300	PORTLAND CEMENT CONCRETE SHOULDERS 8"	SQ YD	613	306.5	306.5
48300500	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SQ YD	5,868	2,934	2,934
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	2	2
63200310	GUARDRAIL REMOVAL	FOOT	658	329	329
63800920	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	FOOT	17,214	8,607	8,607
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	7,166	3,583	3,583
64301090	ATTENUATOR BASE	SQ YD	34	17	17
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	40	20	20
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	2	1	1

MODEL: Unnamed Plan - Plan 2 [Sheet]
FILE NAME: S:\2021\21IL060 - FTB 201-40 D9 - TWM - Various Ph I-IUWO 7-PAINT I-57 over Mississippi R 002-0022\CADD\CADD Sheets\0978973-sht-SQO.dgn

				CONSTRUCTION TYPE CODE	
				50% ILLINOIS (90% FED/10% STATE)	100% MISSOURI
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0047	0047
				RURAL	RURAL
70100410	TRAFFIC CONTROL AND PROTECTION, STANDARD 701416	EACH	2	1	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.5	0.5
70106700	TEMPORARY RUMBLE STRIPS	EACH	54	27	27
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	170	85	85
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	53,694	26,847	26,847
70400100	TEMPORARY CONCRETE BARRIER	FOOT	32,287.50	16,143.75	16,143.75
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	540	270	270
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2,350.0	1,175.0	1,175.0
70500665	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	8	4	4
70600270	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	3	1.5	1.5
70600327	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	8	4	4
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	47041	23520.5	23520.5
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	EACH	16165	8082.5	8082.5
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	48	24	24

* SPECIALTY ITEM

REV - MS

MODEL: Unnamed Plan - Plan 3 [Sheet]
FILE NAME: S:\2021\21IL060 - FTB 201-40 D9 - TWM - Various Ph I-IUWO 7-PAINT I-57 over Mississippi R 002-002\CADD\CADD Sheets\0978973-sht-SQO.dgn

				CONSTRUCTION TYPE CODE	
				50% ILLINOIS (90% FED/10% STATE)	100% MISSOURI
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0047	0047
				RURAL	RURAL
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	3459	1729,5	1729,5
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	23,016	11,508	11,508
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	9,842	4,921	4,921
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1	0.5	0.5
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1	0.5	0.5
Z0024475	TUBULAR MARKER	EACH	40	20	20
Z0065775	SLOTTED DRAIN 24" WITH VARIABLE SLOT	FOOT	134	67	67
X0322392	BEVELED PIPE AND GUARD	EACH	2	1	1
X1700073	CONCRETE BARRIER WALL (SPECIAL NO. 1)	FOOT	587.5	293.75	293.75
X6380200	RELOCATE MODULAR GLARE SCREEN SYSTEM	FOOT	24,325	12,162.5	12,162.5
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1	0.5	0.5
X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	198	99	99
* X7830052	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT	EACH	198	99	99

* SPECIALTY ITEM

REV - MS

MODEL: Unnamed Plan - Plan 1 [Sheet]
FILE NAME: S:\2021\21IL060 - PTB 201-40 D9 - TWM - Various Ph HillWO 7-PAINT I-57 over Mississippi R 002-002\CADD\CADD Sheets\0978973-shit-Schedules.dgn

PAVING SCHEDULE						
LOCATION	30300112	42000501	44004250	48300300	48300500	64200116
	AGGREGATE SUBGRADE IMPROVEMENT 12"	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	PAVED SHOULDER REMOVAL	PORTLAND CEMENT CONCRETE SHOULDERS 8"	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SHOULDER RUMBLE STRIPS, 16 INCH
ROADWAY	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT
STA 1119+77 to STA 1141+72	869	869	4,914		4,036	4,407
STA 1183+05 to STA 1210+63	2,204	2,079	2,139	613	1,832	2,758
TOTALS	3,073	2,948	7,053	613	5,868	7,165
USE	3,073	2,948	7,053	613	5,868	7,165

GUARDRAIL SCHEDULE					
LOCATION	63100085	63200310	64301090	70500665	78200005
	TRAFFIC BARRIER TERMINAL, TYPE 6	GUARDRAIL REMOVAL	ATTENUATOR BASE	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 6	GUARDRAIL REFLECTORS, TYPE A
	EACH	FOOT	SQ YD	EACH	EACH
STA 1126+09 to STA 1132+68	4	658	34	8	48
TOTALS	4	658	34	8	48



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PLOT SCALE = 0.16666633''/in.	CHECKED - SM	REVISED -
PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	7
		CONTRACT NO. 78973		
		ILLINOIS FED. AID PROJECT		
		*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO		

MODEL: Unnamed Plan - Plan 2 [Sheet]
FILE NAME: S:\2021\21IL060 - FTB 201-40 D9 - TWM - Various Ph HillWO 7-PAINT I-57 over Mississippi R 002-002\21CADD\CADD Sheets\0978973-shit-Schedules.dgn

PAVEMENT MARKING SCHEDULE							
LOCATION	70300241	78009006	78011035	78300201	78300202	X7830050	X7830052
	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	PAVEMENT MARKING REMOVAL - GRINDING	PAVEMENT MARKING REMOVAL - WATER BLASTING	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REPLACEMENT
STAGE	FOOT	FOOT	FOOT	SQ FT	SQ FT	EACH	EACH
EXISTING				3,446	1,023		
PRESTAGE	17,906			8,950	4,090	66	66
WINTER SHUTDOWN I	8,937			5,704	2,556		
STAGE I	-			-	-	66	66
WINTER SHUTDOWN II	26,851			4,915	2,173		
STAGE II	-			-	-	66	66
FINAL		47,041	16,165				
TOTALS	53,694	47,041	16,165	23,015	9,842	198	198

CONCRETE BARRIER SCHEDULE									
LOCATION	63800920	70400100	70400125	70400200	70600270	70600327	78200011	Z0024475	X6380200
	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	TEMPORARY CONCRETE BARRIER	PINNING TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	BARRIER WALL REFLECTORS, TYPE C	TUBULAR MARKER	RELOCATE MODULAR GLARE SCREEN SYSTEM
STAGE	FOOT	FOOT	EACH	FOOT	EACH	EACH	EACH	EACH	FOOT
PRESTAGE	17,213	17,212.5			2		1377		
WINTER SHUTDOWN I			270	587.5		2	71	20	8175
STAGE I		7,487.5		587.5		2	953		8075
WINTER SHUTDOWN II			270	587.5		2	71		8075
STAGE II		7,587.5		587.5	1	2	965		
FINAL							22	20	
TOTALS	17,213	32,287.5	540	2,350.0	3	8	3,459	40	24,325



QUIGG ENGINEERING INC

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	8
		CONTRACT NO. 78973		
		ILLINOIS FED. AID PROJECT		

*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO

MODEL: Unnamed Plan - Plan 3 [Sheet]
FILE NAME: S:\2021\210660 - PTB 203-40 D9 - TWM - Various Ph HillWO 7-PAINT I-57 over Mississippi R 002-002\CADD\CADD Sheets\0978973-shr-Schedules.dgn

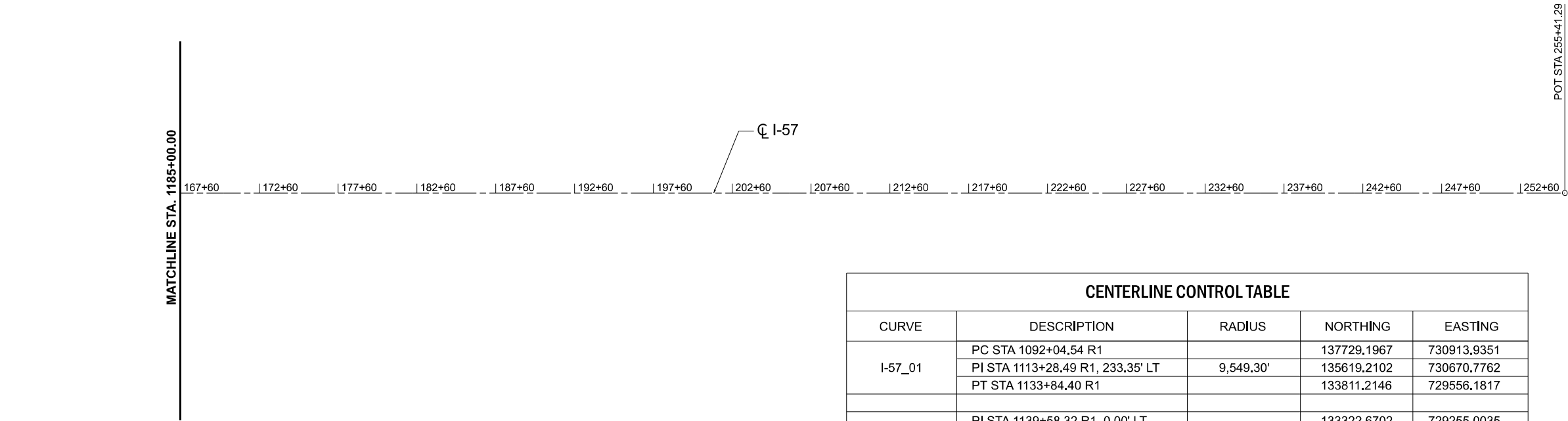
DRAINAGE SCHEDULE		
LOCATION	X0322392	Z0065775
	BEVELED PIPE AND GUARD	SLOTTED DRAIN 24" WITH VARIABLE SLOT
STA	EACH	FOOT
1205+56.34 TO 1207+56.34	2	134
TOTALS	2	134
USE	2	134

CHANGEABLE MESSAGE SIGN SCHEDULE		
LOCATION	70107025	
	CHANGEABLE MESSAGE SIGN	
	CAL DAY	CAL DAY
	SB	NB
PRIOR TO 1ST CONSTRUCTION SEASON	28	28
DURATION OF 1ST CONSTRUCTION SEASON	*	
PRIOR TO 2ND CONSTRUCTION SEASON	28	28
DURATION OF 2ND CONSTRUCTION SEASON	*	
PRIOR TO 3RD CONSTRUCTION SEASON	28	28
DURATION OF 3RD CONSTRUCTION SEASON	*	
TOTALS	84	84
USE	170	

*Included in TRAFFIC CONTROL AND PROTECTION (SPECIAL)

TRAFFIC CONTROL & PROTECTION STANDARDS				
LOCATION	70100207	70100410	70100800	70106700
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	TRAFFIC CONTROL AND PROTECTION, STANDARD 701416	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	TEMPORARY RUMBLE STRIP
	EACH	EACH	L SUM	EACH
1ST CONSTRUCTION SEASON			1	
SB	1	-		9
NB	1	-		9
2ND CONSTRUCTION SEASON				
SB	-	1		9
NB	-			9
3RD CONSTRUCTION SEASON				
SB	-	1		9
NB	-			9
TOTALS	2	2	1	54
USE	2	2	1	54

MODEL: EXCL I-57 - Plan 1 [Sheet]
FILE NAME: S:\2021\12\11\060 - PTB 201-40 D9 - TWM - Various Ph Hilltop 7-Point I-57 over Mississippi R 002-002\ICADD\CADD Sheets\0978973-shit-ATB-001.dgn



CENTERLINE CONTROL TABLE				
CURVE	DESCRIPTION	RADIUS	NORTHING	EASTING
I-57_01	PC STA 1092+04.54 R1		137729.1967	730913.9351
	PI STA 1113+28.49 R1, 233.35' LT	9,549.30'	135619.2102	730670.7762
	PT STA 1133+84.40 R1		133811.2146	729556.1817
	PI STA 1139+58.32 R1, 0.00' LT		133322.6702	729255.0035
	PI STA 1183+49.80 R1, 0.00' LT		129581.0673	726955.9748
	POT STA 1272+81.14 R1, 0.00' LT		121973.8987	722276.2570



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PLOT SCALE = 0.16666633" / in.	CHECKED - SDM	REVISED -
PLOT DATE = 2/4/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

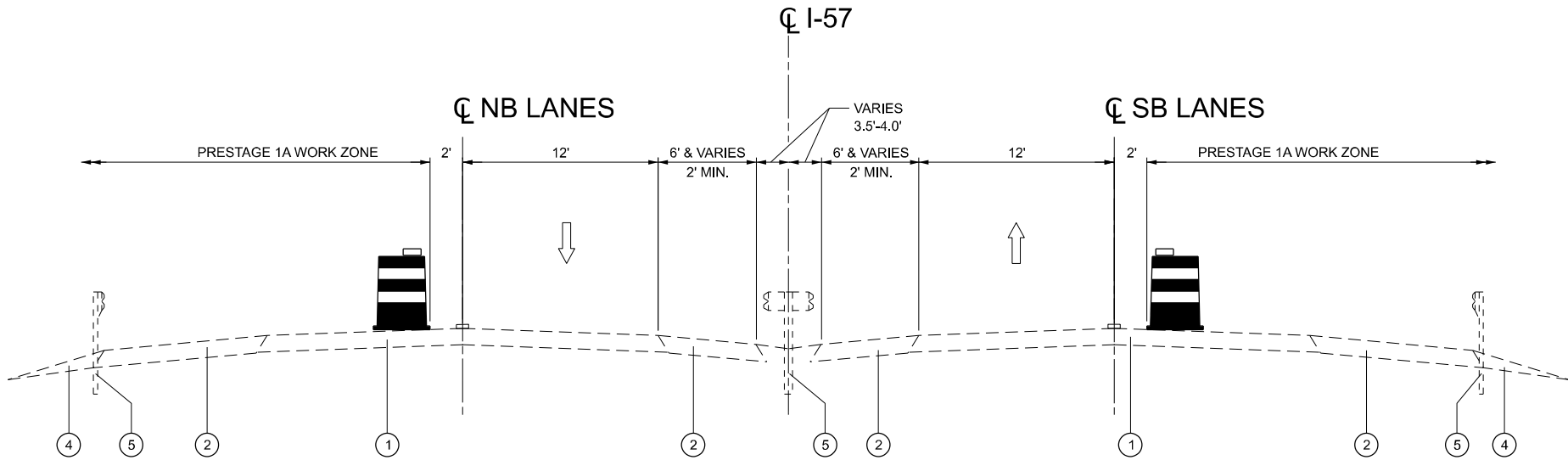
ALIGNMENT AND CONTROL TABLE
I-57

SCALE:	SHEET 1	OF 1	SHEETS	STA. 1070+00.00	TO STA. 1272+82.14
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	10
CONTRACT NO. 78973				

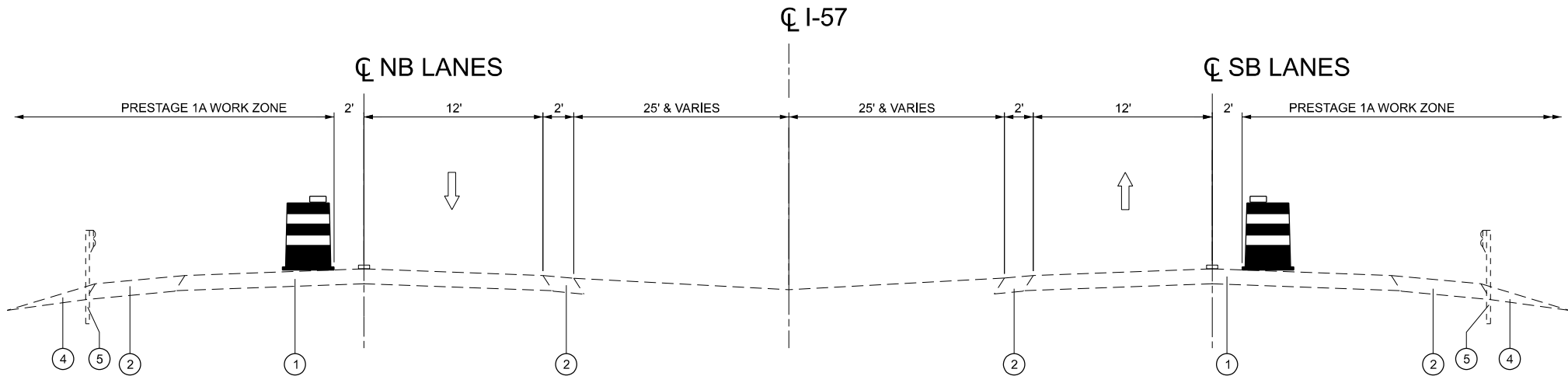
ILLINOIS FED. AID PROJECT
*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO

MODEL: Unnamed Plan - Plan 1 A
FILE NAME: S:\2023\12\11\060 - PTB 200-40 D9 - TWM - Various Ph Hilltop - Paint I-57 over Mississippi R 002-002\CADD\CADD Sheets\0978973-shr-Staging Typical.dgn



PRESTAGE 1A
ILLINOIS SIDE

STA. 1104+55 TO STA. 1142+00
BRIDGE OMISSION STA. 1142+00 TO STA1183+00
(LOOKING SOUTH)



PRESTAGE 1A
MISSOURI SIDE

STA. 1183+00 TO STA. 1213+60
(LOOKING SOUTH)

PRESTAGE 1A TRAFFIC

1. USE HIGHWAY STANDARDS 701400 AND 701401 TO CLOSE OUTSIDE LANES FOR BOTH NORTHBOUND AND SOUTHBOUND TRAFFIC.
2. MAINTAIN ONE LANE OF TRAFFIC IN EXISTING INSIDE LANES THROUGH WORK ZONES.

PRESTAGE 1A CONSTRUCTION

1. COMPLETE CONSTRUCTION OF EACH OUTSIDE SHOULDERS AS DETAILED IN THE PLANS.

LEGEND

- ① EXISTING OVERLAY & CRPCC
- ② EXISTING HMA SHOULDER
- ③ EXISTING CONC SHOULDER
- ④ EXISTING AGG SHOULDER
- ⑤ EXISTING GUARDRAIL
- ⑥ PCC PVT 10 JOINTED
- ⑦ PCC SHOULDER 10
- ⑧ TEMPORARY PAVEMENT MARKING
- ➡ DIRECTION OF TRAFFIC
- 🚧 TEMPORARY CONCRETE BARRIER W/ REFLECTORS (SEE STD 704001)
- 🚧 VERTICAL PANEL WITH STEADY BURN LIGHT
- 🚧 DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHT ON TAPER)



QUIGG ENGINEERING INC

USER NAME = toverton	DESIGNED - TNS	REVISED -
	DRAWN - TNS	REVISED -
PLOT SCALE = 0.16666633" / in.	CHECKED - SM	REVISED -
PLOT DATE = 2/7/2025	DATE - 2/04/25	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS

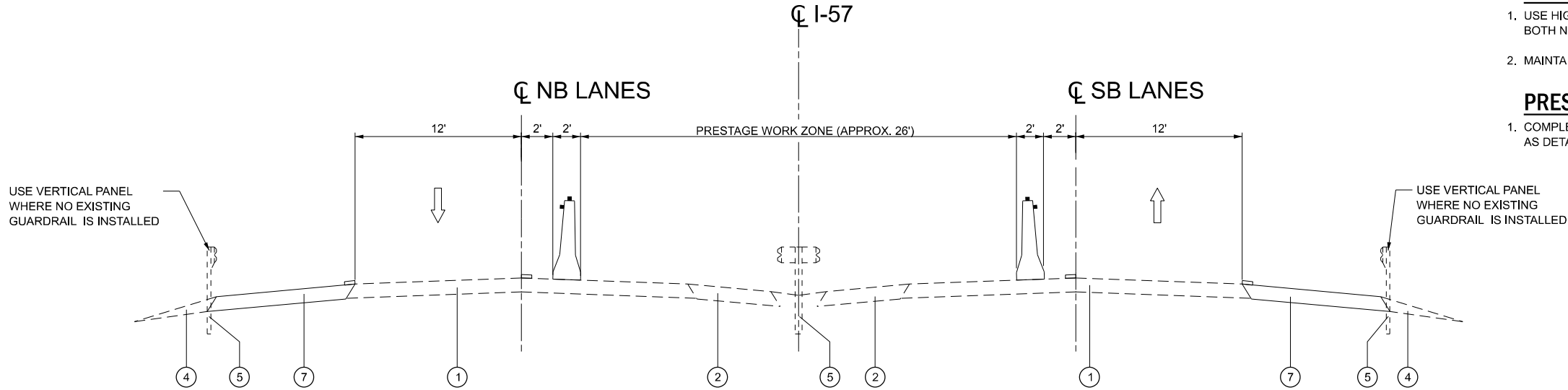
I-57

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	12
CONTRACT NO. 78973				

ILLINOIS FED. AID PROJECT
ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO

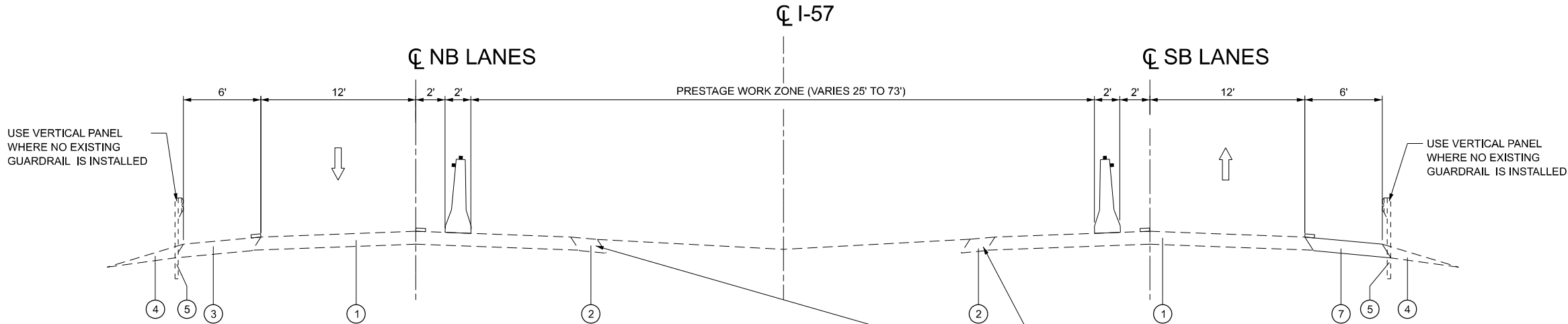
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FILE NAME: S:\2023\12\11\060 - PTB 203-40 D9 - TWM - Various Ph Hilltop - Paint I-57 over Mississippi R 002-002\CADD\CADD Sheets\0978973-shr-Staging Typical.dgn



- PRESTAGE 1B TRAFFIC**
1. USE HIGHWAY STANDARDS 701400 AND 701402 TO CLOSE INSIDE LANES FOR BOTH NORTHBOUND AND SOUTHBOUND TRAFFIC AT EACH CROSSOVER LOCATION.
 2. MAINTAIN ONE LANE OF TRAFFIC IN EXISTING OUTSIDE LANES THROUGH WORK ZONES.
- PRESTAGE 1B CONSTRUCTION**
1. COMPLETE CONSTRUCTION OF EACH CROSSOVER AND DRAINAGE ITEMS AS DETAILED IN THE PLANS.

PRESTAGE 1B
ILLINOIS SIDE

STA. 1126+00 TO STA. 1142+00
BRIDGE OMISSION STA. 1142+00 TO STA1183+00
(LOOKING SOUTH)



PRESTAGE 1B
MISSOURI SIDE

STA. 1183+00 TO STA. 1210+47
(LOOKING SOUTH)

LEGEND

- ① EXISTING OVERLAY & CRPCC
- ② EXISTING HMA SHOULDER
- ③ EXISTING CONC SHOULDER
- ④ EXISTING AGG SHOULDER
- ⑤ EXISTING GUARDRAIL
- ⑥ PCC PVT 10 JOINTED
- ⑦ PCC SHOULDER 10
- ▬ TEMPORARY PAVEMENT MARKING
- ➡ DIRECTION OF TRAFFIC
- 🚧 TEMPORARY CONCRETE BARRIER W/ REFLECTORS (SEE STD 704001)
- 🚧 VERTICAL PANEL WITH STEADY BURN LIGHT
- 🚧 DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHT ON TAPER)



QUIGG ENGINEERING INC

USER NAME = toverton	DESIGNED - TO	REVISED -
	DRAWN - TO	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SM	REVISED -
PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

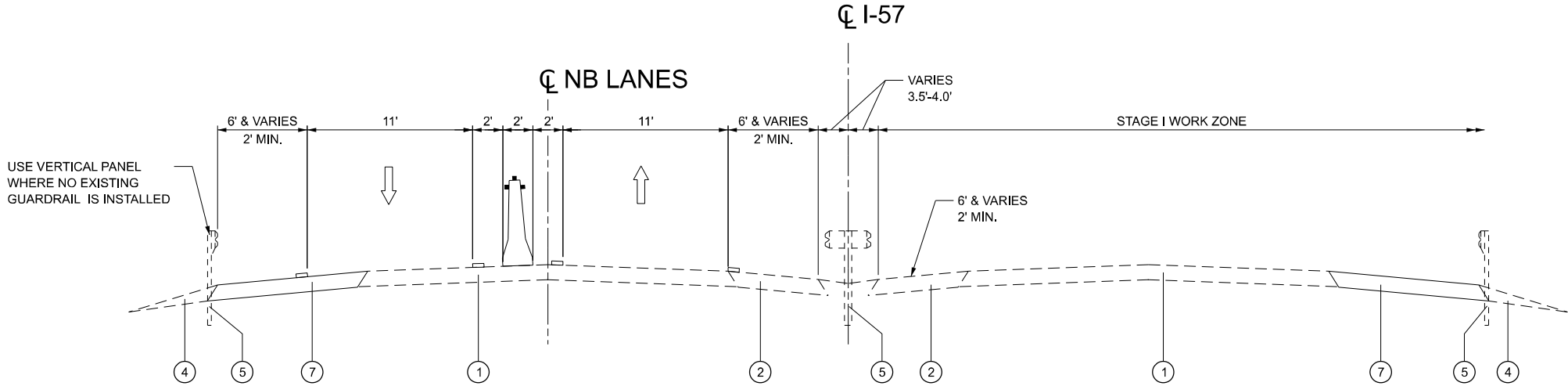
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
I-57

SCALE: NONE SHEET 2 OF 5 SHEETS STA. TO STA.

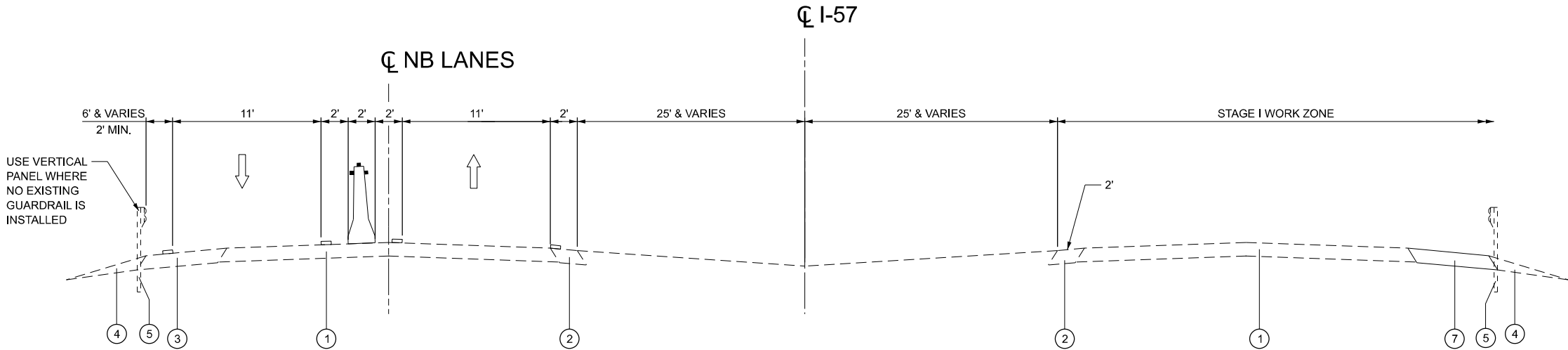
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	13
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				

MODEL: Unnamed Plan - Plan 2-2
FILE NAME: S:\2022\12\IL060 - PTB 202-40 D9 - TWM - Various Ph ILLINOIS - Paint I-57 over Mississippi R 002-002\ICADD\CADD Sheets\0978973-shr-Staging Typical.dgn



STAGE I
ILLINOIS SIDE

STA. 1131+00 TO STA. 1142+00
BRIDGE OMISSION STA. 1142+00 TO STA. 1183+00
(LOOKING SOUTH)



STAGE I
MISSOURI SIDE

STA. 1183+00 TO STA. 1203+50
(LOOKING SOUTH)

STAGE I TRAFFIC

1. USE HIGHWAY STANDARDS 701400 AND 701416 TO CLOSE THE SOUTHBOUND OUTSIDE LANE AND THE NORTHBOUND INSIDE LANE TO MOVE TRAFFIC INTO THE CROSSOVERS PATTERN.
2. REMOVE TUBULAR MARKERS AND INSTALL CAPS FROM MISSOURI CROSSOVER AND REMOVE TCB FROM ILLINOIS CROSSOVER.
3. SHIFT NORTHBOUND TRAFFIC TO NORTHBOUND OUTSIDE LANE AND SHOULDER.
4. SHIFT SOUTHBOUND TRAFFIC THROUGH CROSSOVERS TO NORTHBOUND INSIDE LANE.

STAGE I CONSTRUCTION

1. COMPLETE PAINTING PROCESS ON SOUTHBOUND STRUCTURE 002-0022.

LEGEND

- ① EXISTING OVERLAY & CRPCC
- ② EXISTING HMA SHOULDER
- ③ EXISTING CONC SHOULDER
- ④ EXISTING AGG SHOULDER
- ⑤ EXISTING GUARDRAIL
- ⑥ PCC PVT 10 JOINTED
- ⑦ PCC SHOULDER 10
- ▬ TEMPORARY PAVEMENT MARKING
- ➡ DIRECTION OF TRAFFIC
- 🚧 TEMPORARY CONCRETE BARRIER W/ REFLECTORS (SEE STD 704001)
- 🚧 VERTICAL PANEL WITH STEADY BURN LIGHT
- 🚧 DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHT ON TAPER)



QUIGG ENGINEERING INC

USER NAME = toverton	DESIGNED - TO	REVISED -
	DRAWN - TO	REVISED -
PLOT SCALE = 0.16666633" / in.	CHECKED - SM	REVISED -
PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

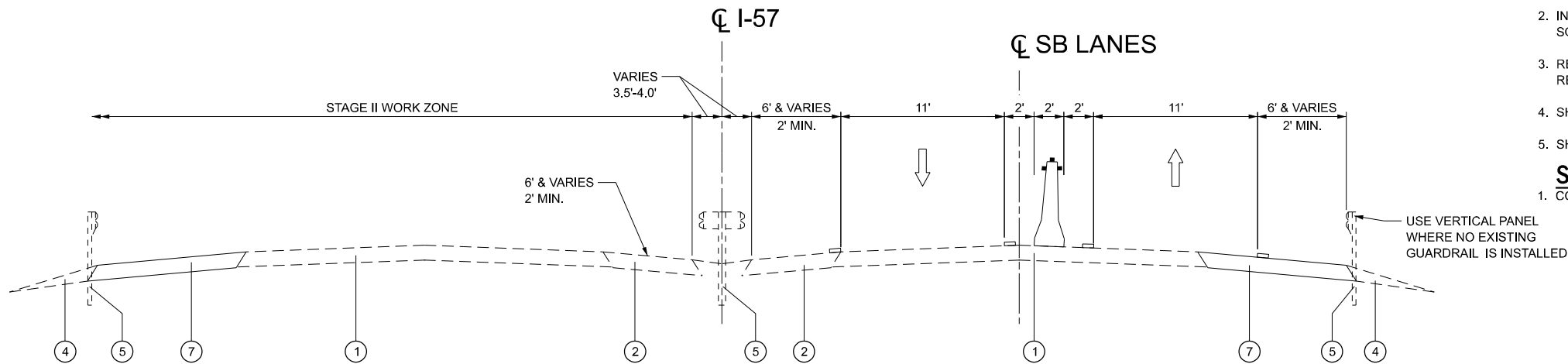
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
I-57

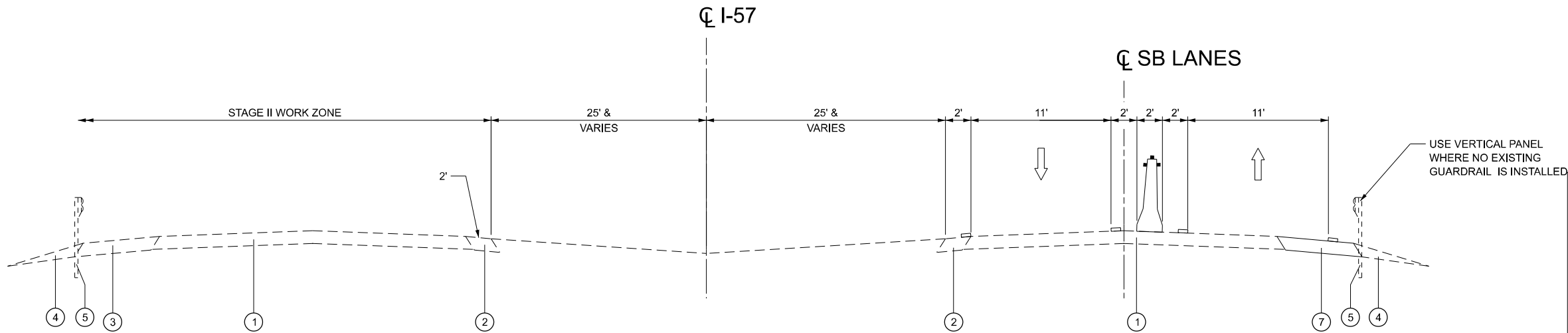
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				

MODEL: Unnamed Plan - Plan 3-2
FILE NAME: S:\2023\12\11\060 - PTB 200-40 D9 - TWM - Various Ph HillWO - Paint I-57 over Mississippi R 002-002\ICADD\CADD Sheets\0978973-shr-Staging Typicals.dgn



STAGE II
ILLINOIS SIDE
STA. 1131+00 TO STA. 1142+00
BRIDGE OMISSION STA. 1142+00 TO STA. 1183+00
(LOOKING SOUTH)



STAGE II
MISSOURI SIDE
STA. 1183+00 TO STA. 1203+00
(LOOKING SOUTH)

STAGE II TRAFFIC

1. USE HIGHWAY STANDARDS 701400 AND 701416 TO CLOSE THE SOUTHBOUND INSIDE LANE AND THE NORTHBOUND OUTSIDE LANE TO MOVE TRAFFIC INTO THE CROSSOVER PATTERN.
2. INSTALL IMPACT ATTENUATOR ON EXISTING CONCRETE BARRIER ON SOUTH END OF SOUTHBOUND LANES.
3. REMOVE TUBULAR MARKERS FROM MISSOURI CROSSOVER AND REMOVE TCB FROM ILLINOIS CROSSOVER.
4. SHIFT SOUTHBOUND TRAFFIC TO SOUTHBOUND OUTSIDE LANE AND SHOULDER.
5. SHIFT NORTHBOUND TRAFFIC THROUGH CROSSOVERS TO SOUTHBOUND INSIDE LANE.

STAGE II CONSTRUCTION

1. COMPLETE PAINTING PROCESS ON NORTHBOUND STRUCTURE 002-0022.

LEGEND

- ① EXISTING OVERLAY & CRPCC
- ② EXISTING HMA SHOULDER
- ③ EXISTING CONC SHOULDER
- ④ EXISTING AGG SHOULDER
- ⑤ EXISTING GUARDRAIL
- ⑥ PCC PVT 10 JOINTED
- ⑦ PCC SHOULDER 10
- ▬ TEMPORARY PAVEMENT MARKING
- ➡ DIRECTION OF TRAFFIC
- 🚧 TEMPORARY CONCRETE BARRIER W/ REFLECTORS (SEE STD 704001)
- 🚧 VERTICAL PANEL WITH STEADY BURN LIGHT
- 🚧 DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHT ON TAPER)



QUIGG ENGINEERING INC

USER NAME = toverton	DESIGNED - TO	REVISED -
	DRAWN - TO	REVISED -
PLOT SCALE = 0.16666633" / in.	CHECKED - SM	REVISED -
PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

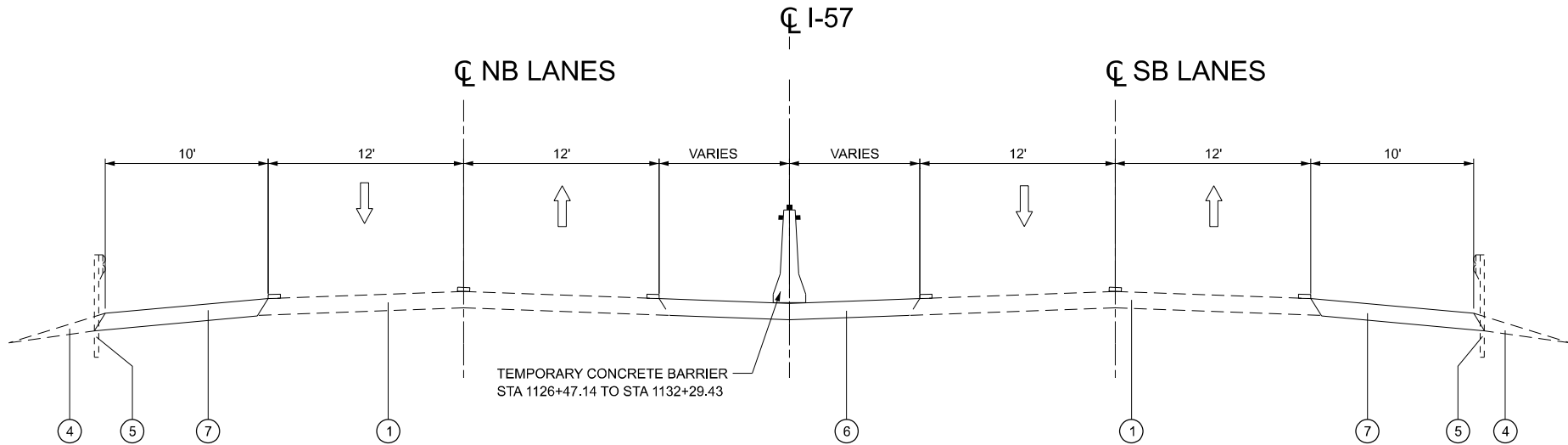
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
I-57

SCALE: NONE SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78973				

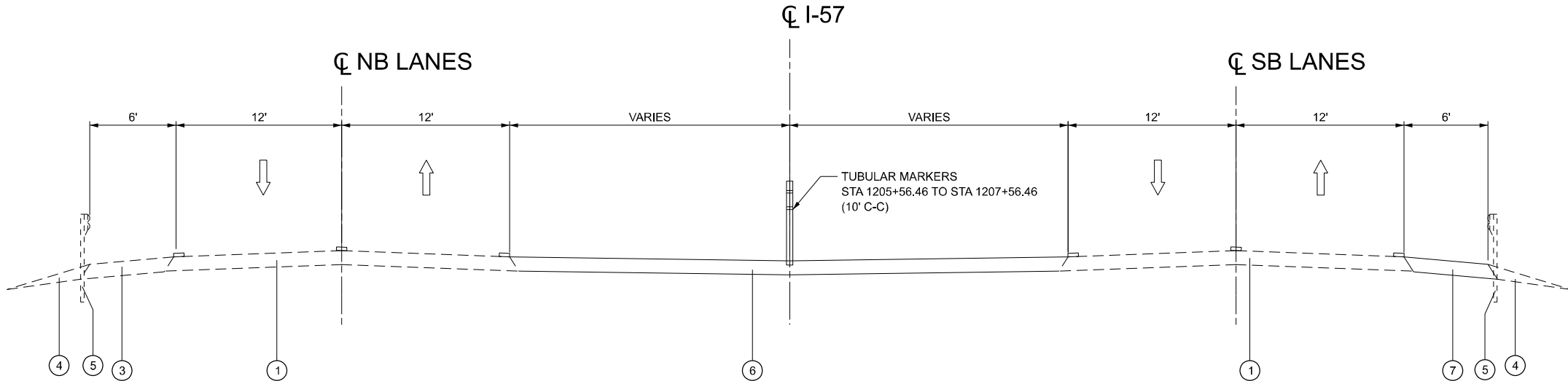
ILLINOIS FED. AID PROJECT
ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO

MODEL: Unnamed Plan - Plan 4-2
FILE NAME: S:\2023\12\11\060 - PTB 200-40 D9 - TWM - Various Ph Hilltop - Paint I-57 over Mississippi R 002-002\ICADD\CADD Sheets\0978973-shr-Staging Typicals.dgn



WINTER SHUTDOWN
ILLINOIS SIDE

STA. 1126+47 TO STA. 1132+30
(LOOKING SOUTH - SHOWING CROSSOVER PAVEMENT)
(SEE CROSSOVER DETAILS)



WINTER SHUTDOWN
MISSOURI SIDE

STA. 1203+10 TO STA. 1210+03
(LOOKING SOUTH - SHOWING CROSSOVER PAVEMENT)
(SEE CROSSOVER DETAILS)

WINTER SHUTDOWN TRAFFIC

1. REMOVE OR COVER TRAFFIC CONTROL SIGNS, RESTORE EXISTING SPEED LIMIT SIGNS, REMOVE ALL TRAFFIC CONTROL DEVICES EXCEPT AS DETAILED ON MAINTENANCE OF TRAFFIC DETAILS. PLACE TEMPORARY PAVEMENT MARKING IN EXISTING LOCATIONS, AND MAINTAIN ALL TRAFFIC IN EXISTING LANES.
2. INSTALL TUBULAR MARKERS AT MISSOURI CROSSOVER. (SEE CROSSOVER DETAILS)
3. INSTALL TEMPORARY CONCRETE BARRIER AT ILLINOIS CROSSOVER. (SEE CROSSOVER DETAILS)

LEGEND

- ① EXISTING OVERLAY & CRPCC
- ② EXISTING HMA SHOULDER
- ③ EXISTING CONC SHOULDER
- ④ EXISTING AGG SHOULDER
- ⑤ EXISTING GUARDRAIL
- ⑥ PCC PVT 10 JOINTED
- ⑦ PCC SHOULDER 10
- ▬ TEMPORARY PAVEMENT MARKING
- ➡ DIRECTION OF TRAFFIC
- 🚧 TEMPORARY CONCRETE BARRIER W/ REFLECTORS (SEE STD 704001)
- 🚧 VERTICAL PANEL WITH STEADY BURN LIGHT
- 🚧 DRUMS (WITH STEADY BURN MONODIRECTIONAL LIGHT ON TAPER)



QUIGG ENGINEERING INC

USER NAME = toverton	DESIGNED - TO	REVISED -
	DRAWN - TO	REVISED -
PLOT SCALE = 0.16666633" / in.	CHECKED - SM	REVISED -
PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

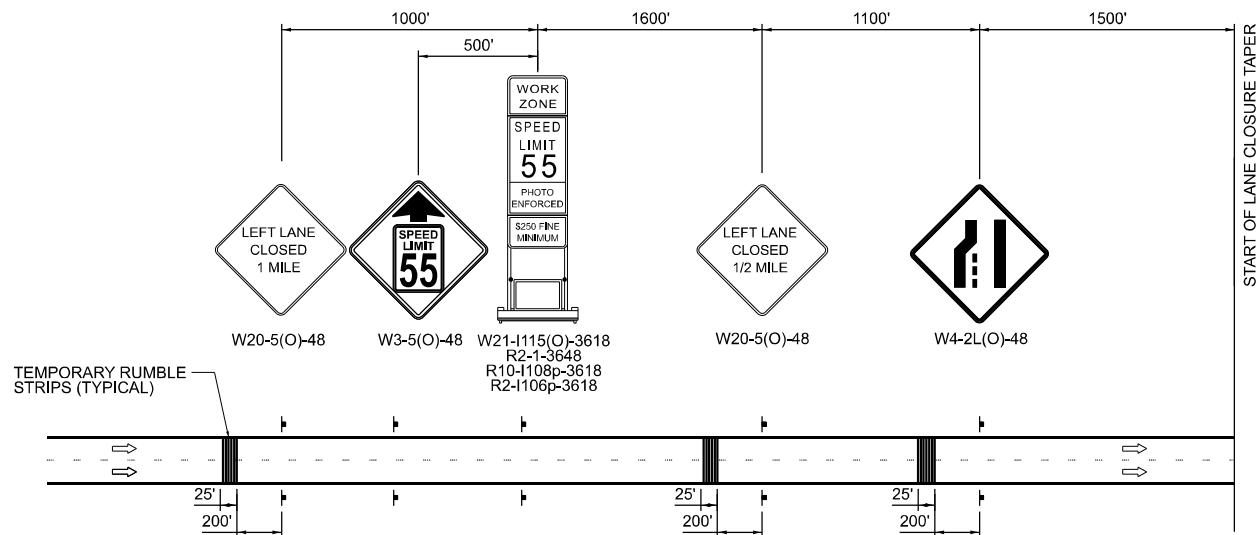
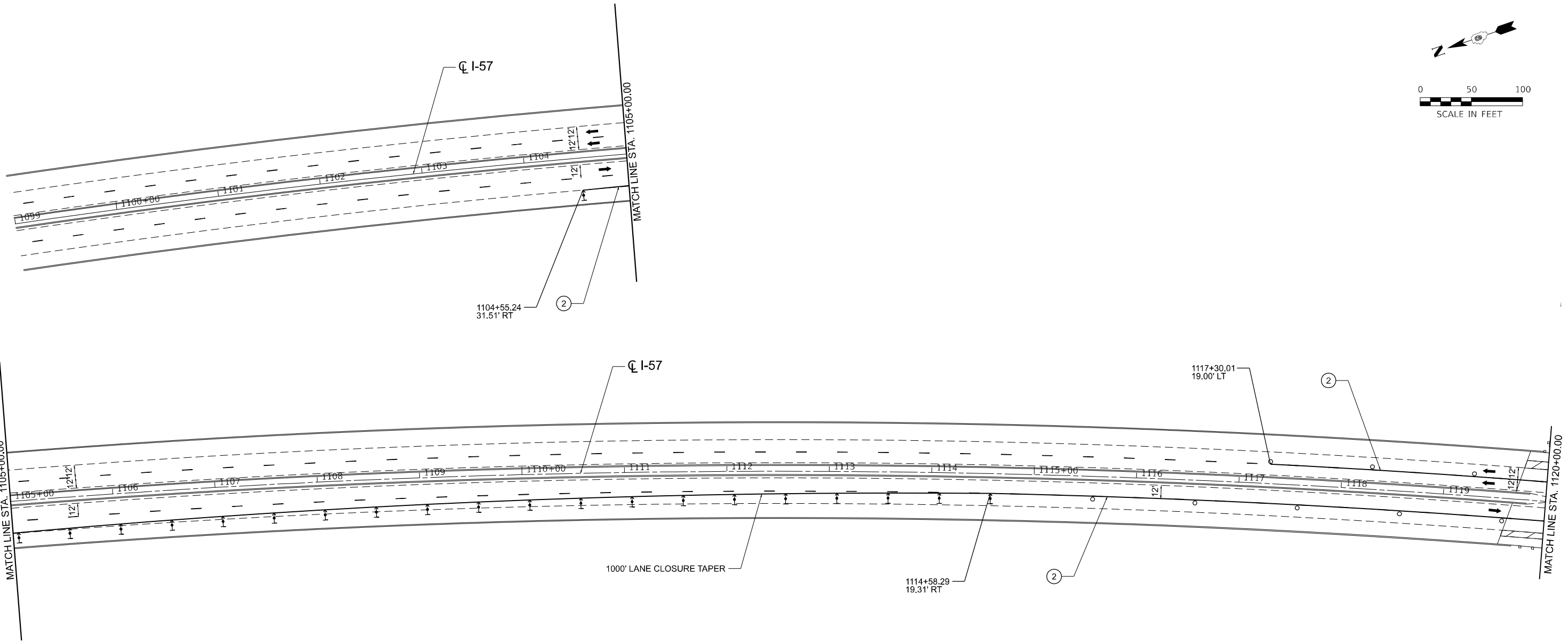
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS
I-57

SCALE: NONE SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	16
CONTRACT NO. 78973				

ILLINOIS FED. AID PROJECT
*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO

MODEL: Unnamed Plan - Plan 1A (Sheet)
FILE NAME: S:\2021\210660 - PTB 201-40 D9 - TWM - Various Ph.HilWIO - Paint I-57 over Mississippi R 002-002\ICADD\CADD Sheets\DS978973-shr-Staging.dgn



NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701401 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND	
	WORK AREA
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
	TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
	TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
	TEMPORARY IMPACT ATTENUATOR
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TEMPORARY PAVEMENT MARKING, LINE 6' - PAINT (SOLID WHITE)
	TEMPORARY PAVEMENT MARKING, LINE 6' - PAINT (SOLID YELLOW)
	VERTICAL PANEL WITH STEADY BURN LIGHT



USER NAME = toverton	DESIGNED - TNS	REVISED -
	DRAWN - TNS	REVISED -
PLOT SCALE = 0.16666633" / in.	CHECKED - SM	REVISED -
PLOT DATE = 2/7/2025	DATE - 2/4/2025	REVISED -

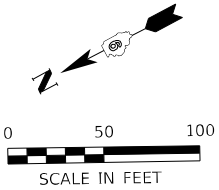
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1A
I-57

SCALE: 1"=50' SHEET 1 OF 8 SHEETS STA. 1099+00.00 TO STA. 1120+00.00

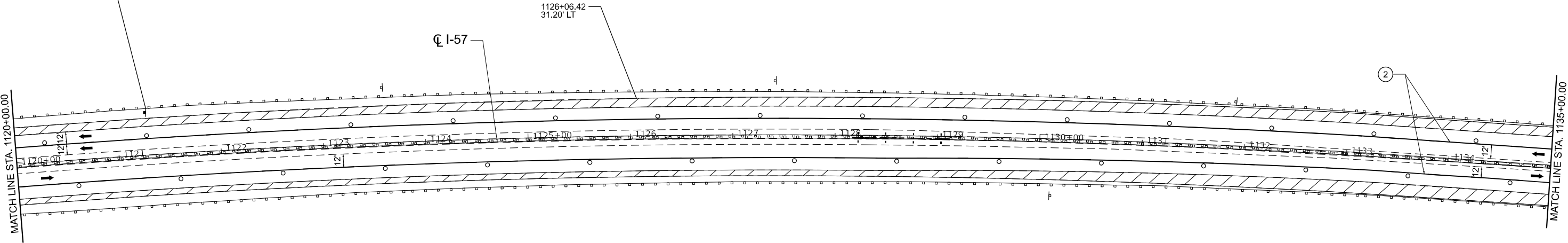
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	17
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
* ALEXANDER COUNTY IL, MISSISSIPPI COUNTY, MO				

MODEL: Unnamed Plan - Plan 2A (Sheet)
FILE NAME: S:\2022\12\11\060 - PTB 201-40 D9 - TWM - Various Ph Hilltop - Paint I-57 over Mississippi R 002-0022\CADD\CADD Sheets\0978973-shr-Staging.dgn



END
WORK ZONE
SPEED LIMIT

G20-1103-6036



NOTE:

SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701401 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT



QUIGG ENGINEERING INC

USER NAME = toverton	DESIGNED - TNS	REVISED -
	DRAWN - TNS	REVISED -
PLOT SCALE = 0.16666633" / in.	CHECKED - SM	REVISED -
PLOT DATE = 2/7/2025	DATE - 2/24/24	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

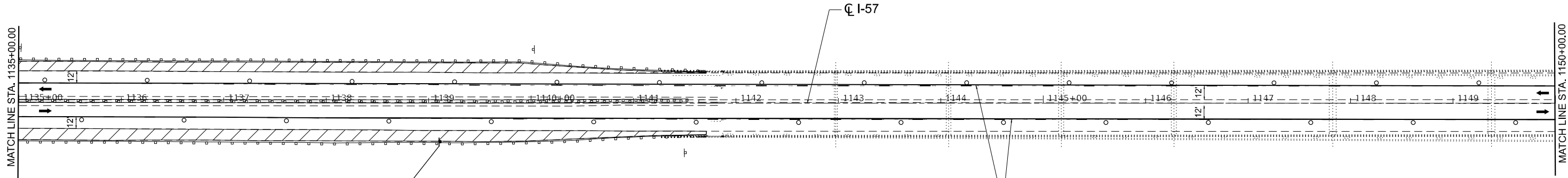
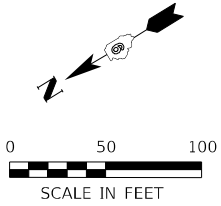
MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1A
I-57

SCALE: 1"=50' SHEET 2 OF 8 SHEETS STA. 1120+00.00 TO STA. 1135+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	18
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				

* ALEXANDER COUNTY, IL MISSISSIPPI COUNTY, MO

MODEL: Unnamed Plan - Plan 3A (Sheet)
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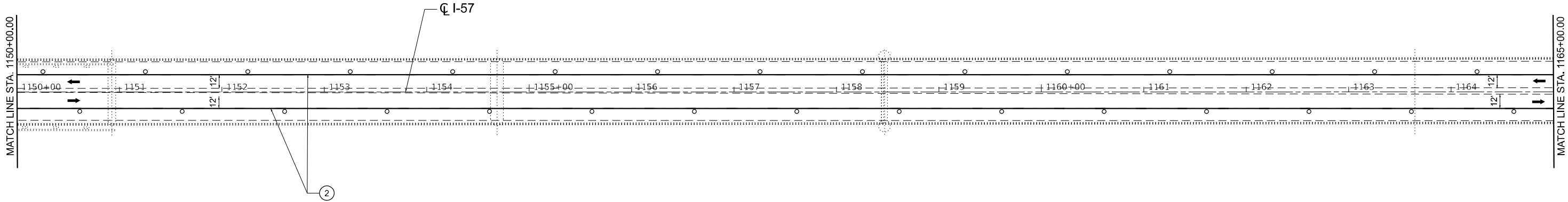
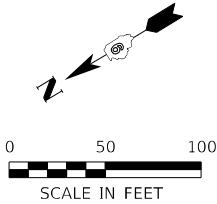
NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701401 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT

	USER NAME = toverton		DESIGNED - TNS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1A I-57			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - TNS		CHECKED - SM	REVISED -					57	(02-1B-1)BP-1	*	104	19
	PLOT SCALE = 0.16666633" / in.		DATE - 2/04/25	REVISED -		SCALE: 1"=50'			CONTRACT NO. 78973				
	PLOT DATE = 2/7/2025					SHEET 3 OF 8 SHEETS STA. 1135+00.00 TO STA. 1150+00.00			ILLINOIS FED. AID PROJECT * ALEXANDER COUNTY, IL MISSISSIPPI COUNTY, MO				

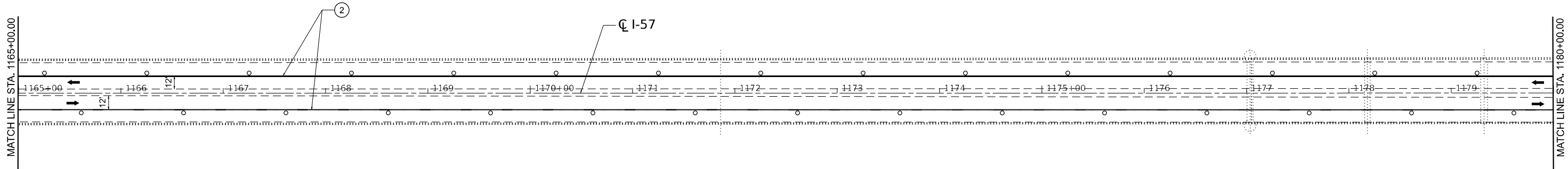
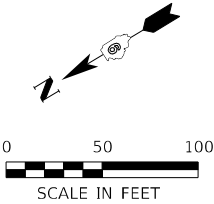
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NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701401 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND	
	WORK AREA
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
	TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
	TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
	TEMPORARY IMPACT ATTENUATOR
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
	VERTICAL PANEL WITH STEADY BURN LIGHT

 QUIGG ENGINEERING INC	USER NAME = toverton	DESIGNED - TNS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1A I-57				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.								
		DRAWN - TNS	REVISED -						57	(02-1B-1)BP-1	*	104	20								
	PLOT SCALE = 0.16666633' / in.	CHECKED - SM	REVISED -		SCALE: 1"=50'				SHEET 4 OF 8 SHEETS				STA. 1150+00.00 TO STA. 1165+00.00								
	PLOT DATE = 2/7/2025	DATE - 2/04/25	REVISED -																		
														ILLINOIS				FED. AID PROJECT			
																		* ALEXANDER COUNTY, IL MISSISSIPPI COUNTY, MO			



NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701401 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT

MODEL: Unnamed Plan - Plan 5A (Sheet)
FILE NAME: S:\2022\12\11\060 - PTB 201-40 D9 - TWM - Various Ph ILLINOI - Paint I-57 over Mississippi R 002-0022\CADD\CADD Sheets\0978973-shr-Staging.dgn

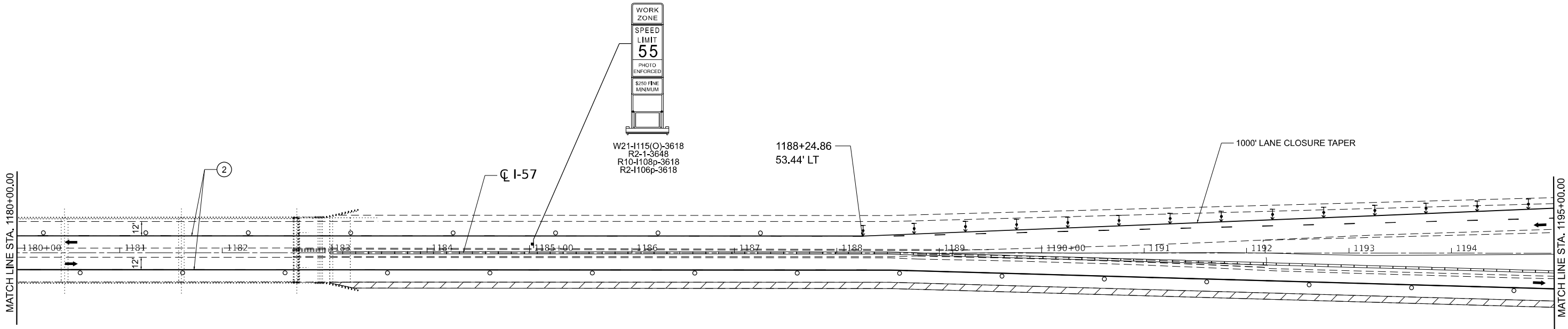
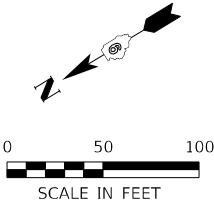


USER NAME = toverton	DESIGNED - TNS	REVISED -
	DRAWN - TNS	REVISED -
PLOT SCALE = 0.16666633" / in.	CHECKED - SM	REVISED -
PLOT DATE = 2/7/2025	DATE - 2/04/25	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1A			
I-57			
SCALE: 1"=50'	SHEET 5	OF 8 SHEETS	STA. 1165+00.00 TO STA. 1180+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	21
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
* ALEXANDER COUNTY, IL MISSISSIPPI COUNTY, MO				



NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701401 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

WORK AREA

TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS

TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS

TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001

TEMPORARY IMPACT ATTENUATOR

DIRECTION OF TRAFFIC

TYPE III BARRICADE

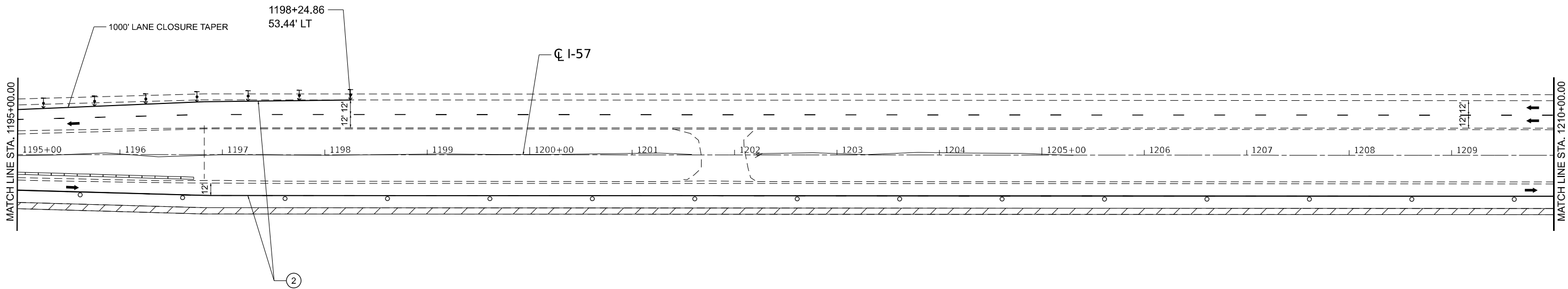
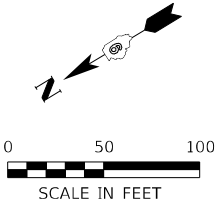
TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)

TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)

VERTICAL PANEL WITH STEADY BURN LIGHT

MODEL: Unnamed Plan - Plan 6A (Sheet)
FILE NAME: S:\2022\12\11\060 - PTB 201-40 D9 - TWM - Various Ph I-57 over Mississippi R 002-0022\CADD\CADD Sheets\0978973-shr-Staging.dgn

	USER NAME = toverton		DESIGNED - TNS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1A I-57			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666633" / in.		DRAWN - TNS	REVISED -					57	(02-1B-1)BP-1	*	104	22
	PLOT DATE = 2/7/2025		CHECKED - SM	REVISED -		SCALE: 1"=50'			CONTRACT NO. 78973				
	DATE = 2/04/25		DATE -	REVISED -		SHEET 6	OF 8 SHEETS	STA. 1180+00.00 TO STA. 1195+00.00	ILLINOIS FED. AID PROJECT * ALEXANDER COUNTY, IL MISSISSIPPI COUNTY, MO				



NOTE:

SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701401 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT

MODEL: Unnamed Plan - Plan 7A (Sheet)
FILE NAME: S:\2022\12\11\060 - PTB 201-40 D9 - TWM - Various Ph I-170 - Paint I-57 over Mississippi R 002-002\ICADD\ICADD Sheets\0978973-shr-Staging.dgn



USER NAME = toverton	DESIGNED - TNS	REVISED -
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PLOT SCALE = 0.16666633" / in.	CHECKED - SM	REVISED -
PLOT DATE = 2/7/2025	DATE - 2/04/25	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1A			
I-57			
SCALE: 1"=50'	SHEET 7	OF 8 SHEETS	STA. 1195+00.00 TO STA. 1210+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	23
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				

* ALEXANDER COUNTY, IL MISSISSIPPI COUNTY, MO

MODEL: Unnamed Plan - Plan 8A (Sheet)
FILE NAME: S:\2022\12\11\060 - PTB 201-40 D9 - TWM - Various Ph I-170 - Paint I-57 over Mississippi R 002-0022\CADD\CADD Sheets\0978973-sh-5-staging.dgn



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DESIGNED	-	TNS
DRAWN	-	TNS
CHECKED	-	SM
DATE	-	2/04/25

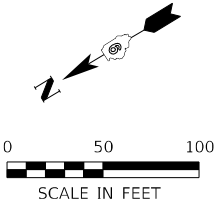
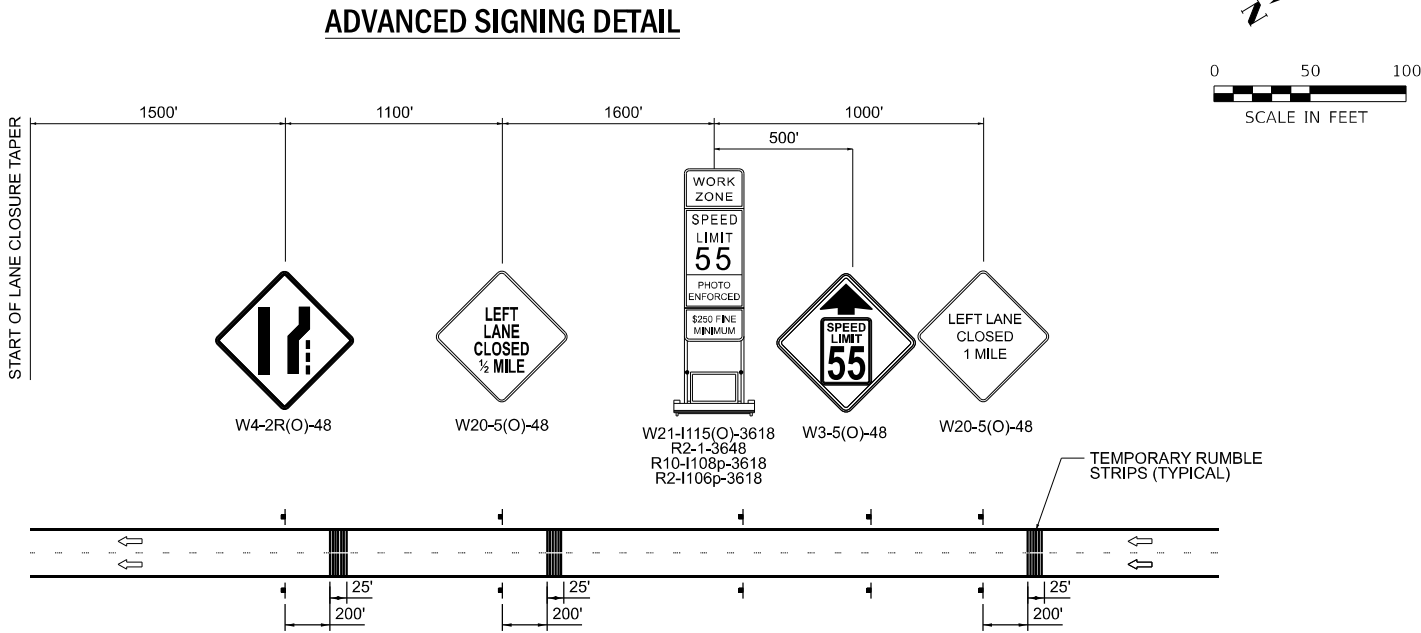
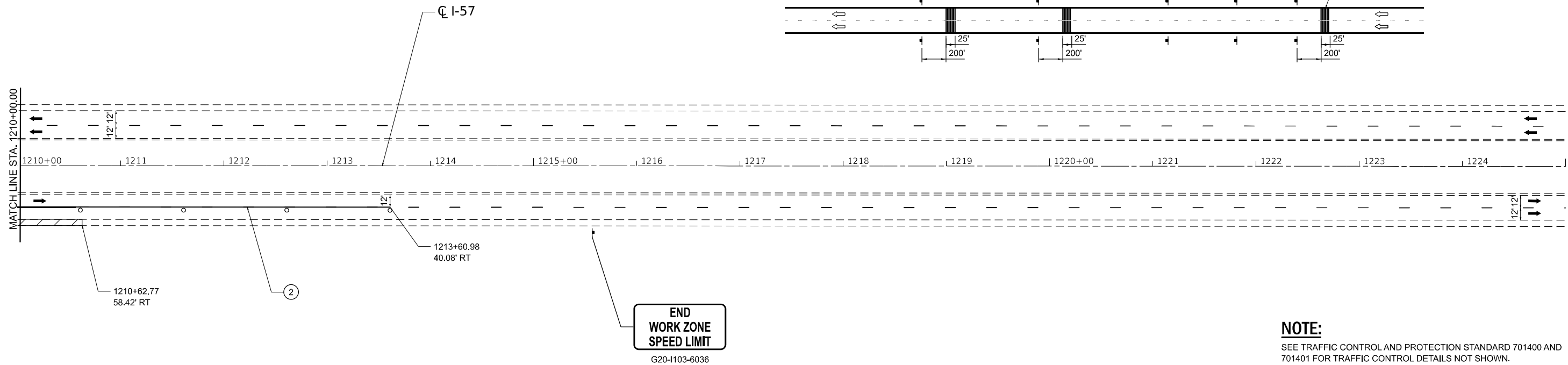
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1A
I-57

SCALE: 1"=50'	SHEET 8	OF 8	SHEETS	STA. 1210+00.00	TO STA. 1225+00.00
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT * ALEXANDER COUNTY, IL MISSISSIPPI COUNTY, MO				

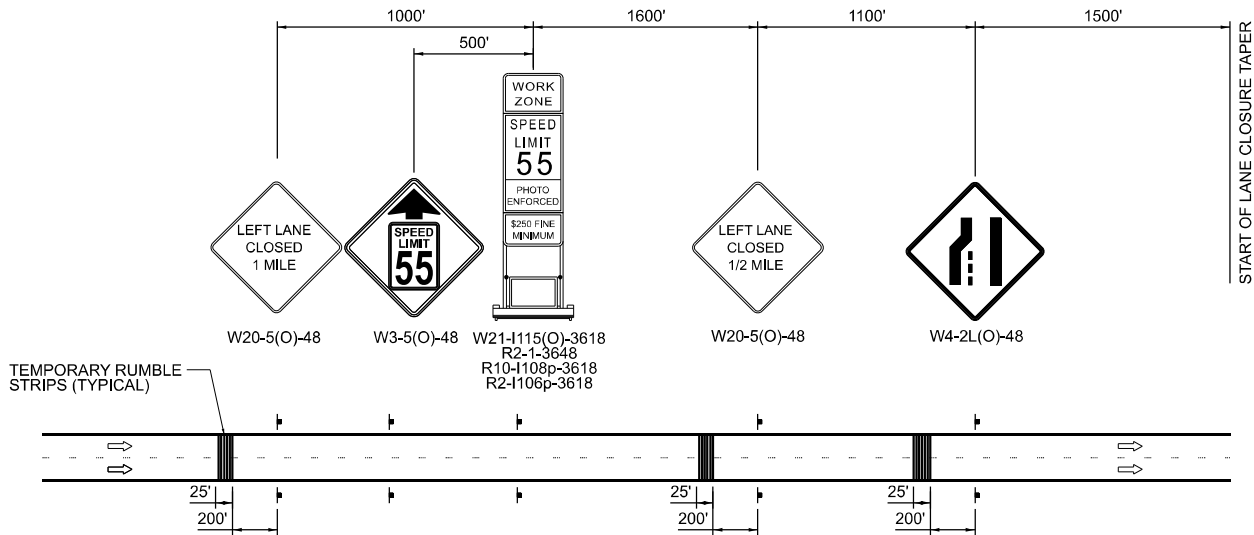
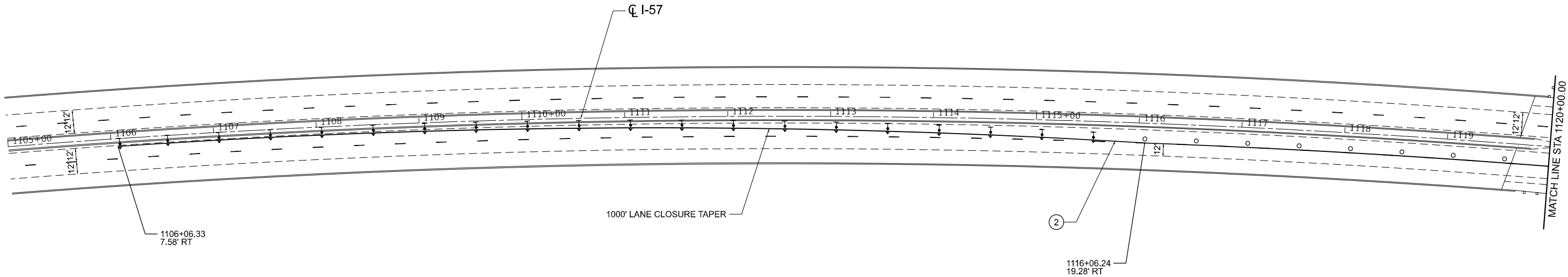
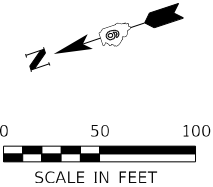


NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701401 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT

MODEL: Unnamed Plan - Plan 1-3 (Sheet)
FILE NAME: S:\2021\210660 - PTB 20-40 D9 - TWM - Various Ph ILLINO - Paint I-57 over Mississippi R 002-002\ICADD\CADD Sheets\0978973-shr-Staging.dgn



NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701402 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND	
	WORK AREA
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
	TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
	TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
	TEMPORARY IMPACT ATTENUATOR
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
	VERTICAL PANEL WITH STEADY BURN LIGHT



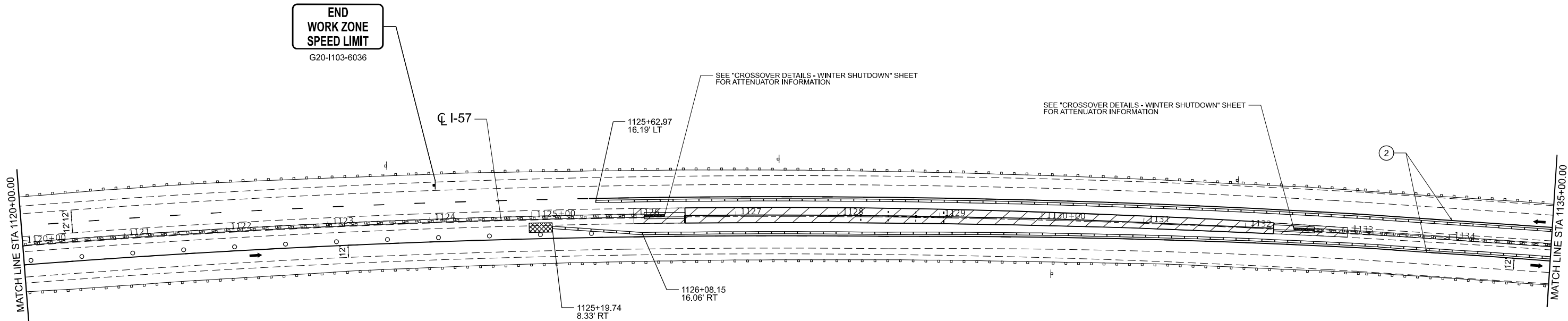
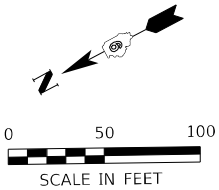
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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1B			
I-57			
SCALE: 1"=50'	SHEET 1	OF 9 SHEETS	STA. 1105+00.00 TO STA. 1120+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	25
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				

MODEL: Unnamed Plan - Plan 2-3 (Sheet)
FILE NAME: S:\2022\12\11\060 - PTB 202-40 D9 - TWM - Various Ph ILLINO - Paint I-57 over Mississippi R 02-022\CADD\CADD Sheets\0978973-shr-Staging.dgn

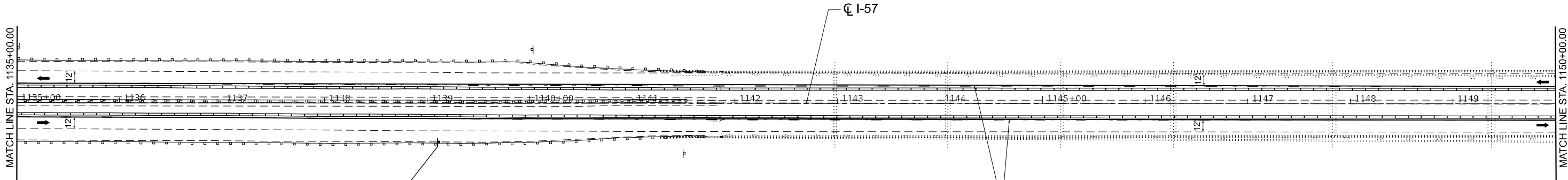
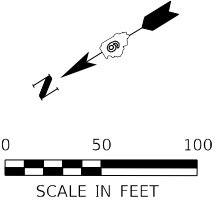


NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701402 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND	
	WORK AREA
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
	TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
	TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
	TEMPORARY IMPACT ATTENUATOR
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
	VERTICAL PANEL WITH STEADY BURN LIGHT

	USER NAME = toverton		DESIGNED - TO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1B			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - TO	REVISED -		I-57			57	(02-1B-1)BP-1	*	104	26
	PLOT SCALE = 0.16666633" / in.		CHECKED - SM	REVISED -					CONTRACT NO. 78973				
	PLOT DATE = 2/7/2025		DATE - 1/24/2025	REVISED -		SCALE: 1"=50'	SHEET 2	OF 9 SHEETS	STA. 1120+00.00	TO STA. 1135+00.00	ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO		

MODEL: Unnamed Plan - Plan 3-3 (Sheet)
FILE NAME: S:\2023\12\11\060 - PTB 203-40 D9 - TWM - Various Ph I-57 over Mississippi R 002-002\ICADD\CADD Sheets\0978973-shr-Staging.dgn



W21-I115(O)-3618
R2-I-3648
R10-I108p-3618
R2-I106p-3618

NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701402 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT



QUIGG ENGINEERING INC

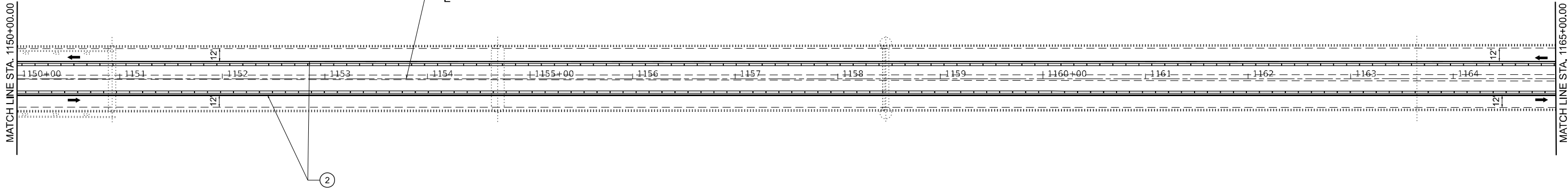
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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1B			
I-57			
SCALE: 1"=50'	SHEET 3	OF 9 SHEETS	STA. 1135+00.00 TO STA. 1150+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	27
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				

MODEL: Unnamed Plan - Plan 4-3 (Sheet)
FILE NAME: S:\2022\12\11\060 - PTB 202-40 D9 - TWM - Various Ph I-57 over Mississippi R 002-002\ICADD\ICADD Sheets\0978973-shr-Staging.dgn



NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701402 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57	(02-1B-1)BP-1	*	104 28
SCALE: 1"=50'		SHEET 4 OF 9 SHEETS		STA. 1150+00.00 TO STA. 1165+00.00
ILLINOIS		FED. AID PROJECT		
*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				

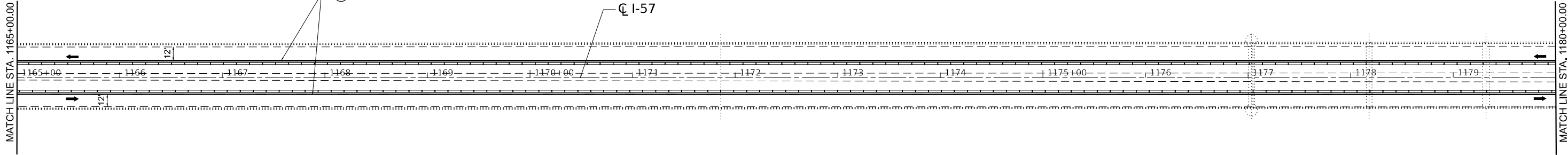


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	DRAWN - TO	REVISED -
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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1B				
I-57				
SCALE: 1"=50'	SHEET 4	OF 9	SHEETS	STA. 1150+00.00 TO STA. 1165+00.00

MODEL: Unnamed Plan - Plan E-3 (Sheet)
FILE NAME: S:\2023\12\11\060 - PTB 203-40 D9 - TWM - Various Ph I-57 over Mississippi R 002-002\ICADD\ICADD Sheets\0978973-shr-Staging.dgn



NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701402 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

WORK AREA

TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS

TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS

TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001

TEMPORARY IMPACT ATTENUATOR

DIRECTION OF TRAFFIC

TYPE III BARRICADE

1

TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)

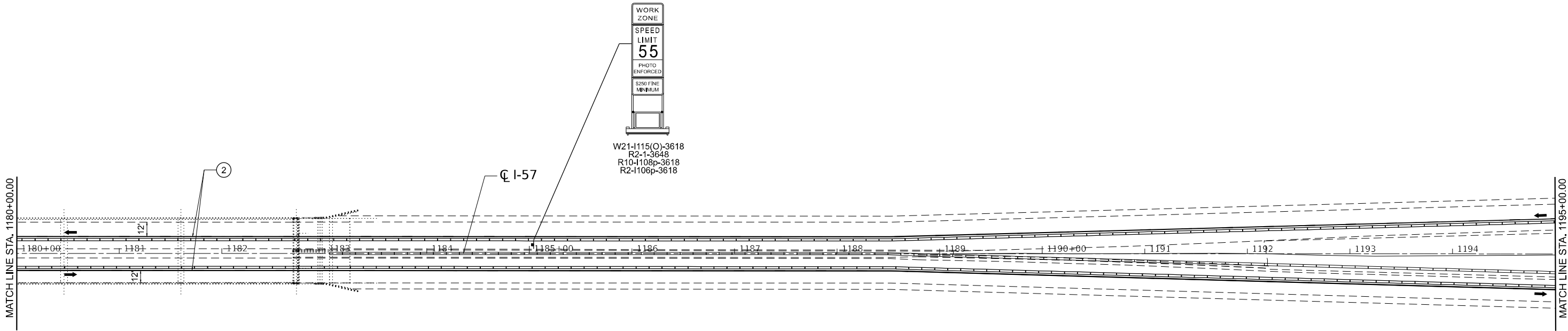
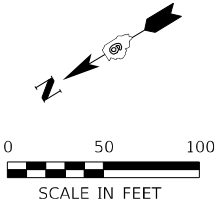
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TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)

VERTICAL PANEL WITH STEADY BURN LIGHT

QUIGG ENGINEERING INC	USER NAME = toverton		DESIGNED - TO		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1B					F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN - TO		CHECKED - SM		REVISED -			I-57					57	(02-1B-1)BP-1	*	104	29	
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	PLOT DATE = 2/7/2025												ILLINOIS FED. AID PROJECT					

MODEL: Unnamed Plan - Plan & 3 (Sheet)
FILE NAME: S:\2022\12\11\060 - PTB 202-40 D9 - TWM - Various Ph I-57 over Mississippi R 002-002\CADD\CADD Sheets\0978973-shr-Staging.dgn



NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701402 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT



QUIGG ENGINEERING INC

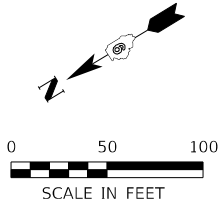
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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

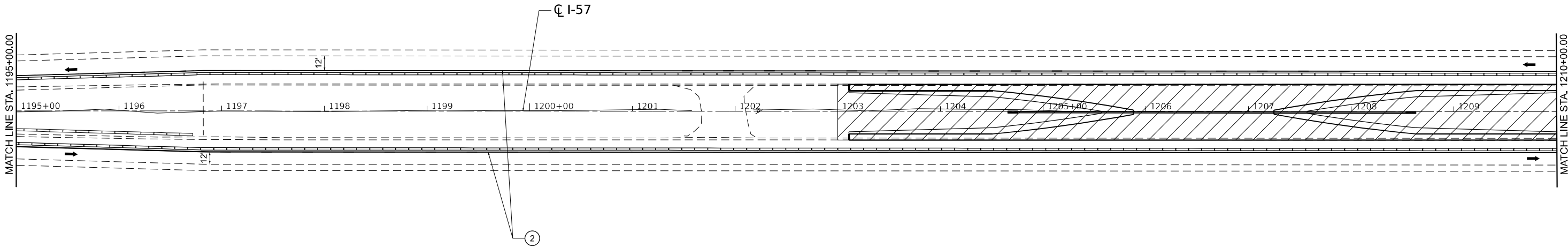
MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1B
I-57

SCALE: 1"=50' SHEET 6 OF 9 SHEETS STA. 1180+00.00 TO STA. 1195+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	30
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				



SEE "CROSSOVER DETAILS - WINTER SHUTDOWN" SHEET
FOR ADDITIONAL INFORMATION



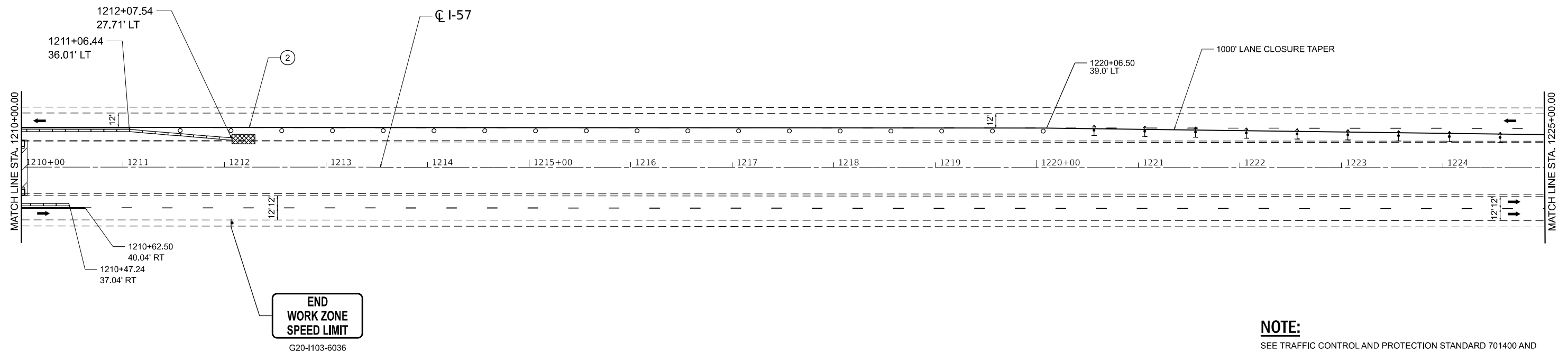
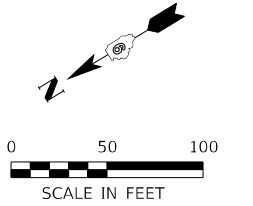
NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND
701402 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT

MODEL: Unnamed Plan - Plan 7-3 (Sheet)
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	USER NAME = toverton		DESIGNED - TO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1B			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 2/7/2025		DATE - 1/24/2025	REVISED -		SCALE: 1"=50'	SHEET 7	OF 9 SHEETS	STA. 1195+00.00	TO STA. 1210+00.00	ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO		



NOTE:

SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND
701402 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- | | |
|---|--|
|  | WORK AREA |
|  | TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS |
|  | TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS |
|  | TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001 |
|  | TEMPORARY IMPACT ATTENUATOR |
|  | DIRECTION OF TRAFFIC |
|  | TYPE III BARRICADE |
|  | TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE) |
|  | TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW) |
|  | VERTICAL PANEL WITH STEADY BURN LIGHT |



USER NAME = toverton	DESIGNED - TO	REVISED -
	DRAWN - TO	REVISED -
PLOT SCALE = 0.16666633" / in.	CHECKED - SM	REVISED -
PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

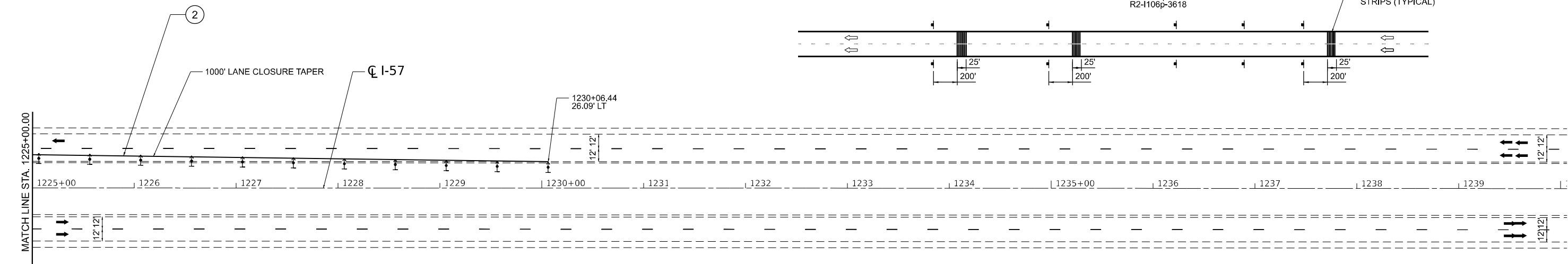
MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1B
I-57

SCALE: 1"=50'	SHEET 8	OF 9	SHEETS	STA. 1210+00.00	TO STA. 1225+00.00
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	32
		CONTRACT NO. 78973		
		ILLINOIS FED. AID PROJECT		

MODEL: Unnamed Plan - Plan 8-3 [Sheet]
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MODEL: Unnamed Plan - Plan & 2 (Sheet)
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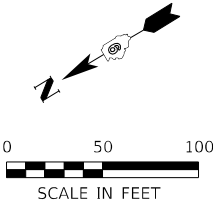
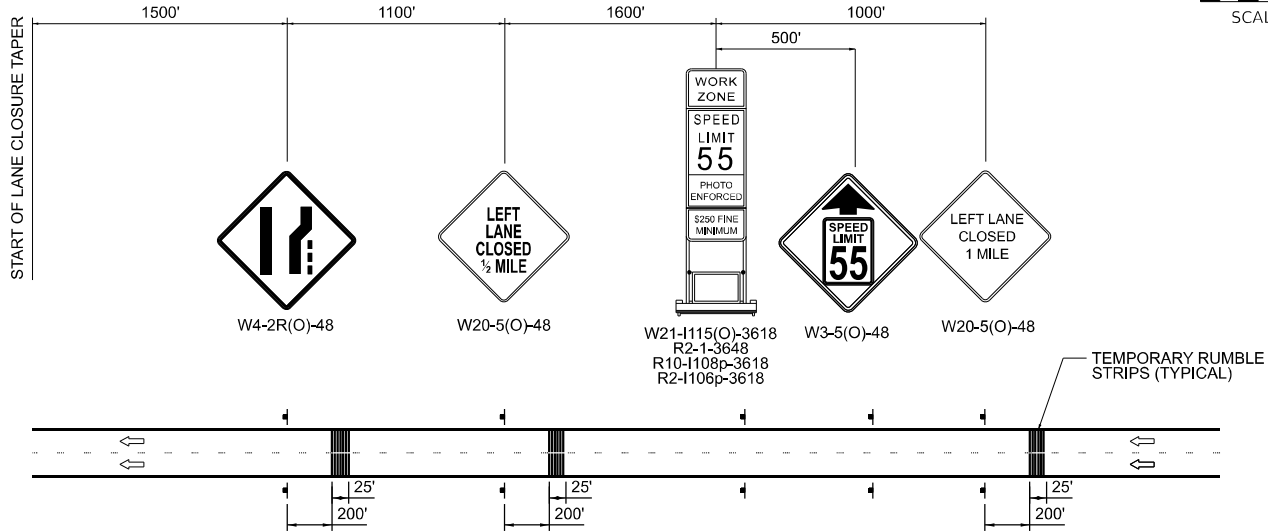
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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - PRESTAGE 1B			
I-57			
SCALE: 1"=50'	SHEET 9	OF 9 SHEETS	STA. 1225+00.00 TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	33
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				

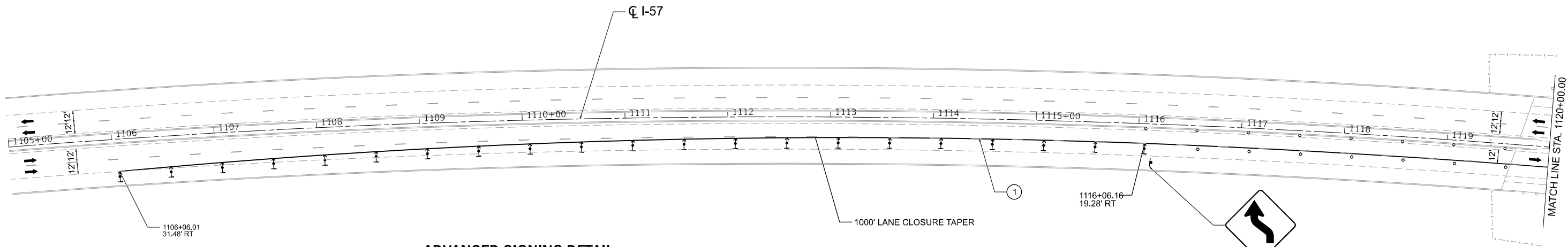
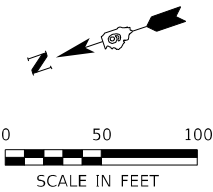
ADVANCED SIGNING DETAIL



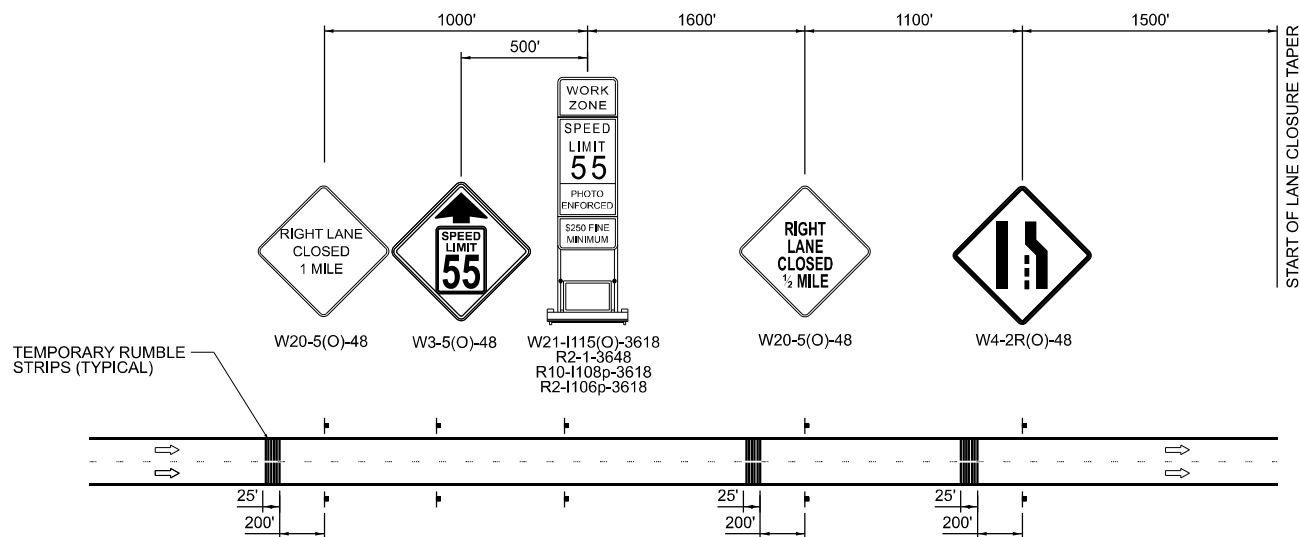
NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701402 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT



ADVANCED SIGNING DETAIL



NOTE:

SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT

MODEL: Unnamed Plan - Plan 1 [Sheet]
FILE NAME: S:\2021\21\060 - PTB 201-40 D9 - TWM - Various Ph I-57 over Mississippi R 002-002\ICADD\CADD Sheets\0978973-shr-Staging.dgn



QUIGG ENGINEERING INC

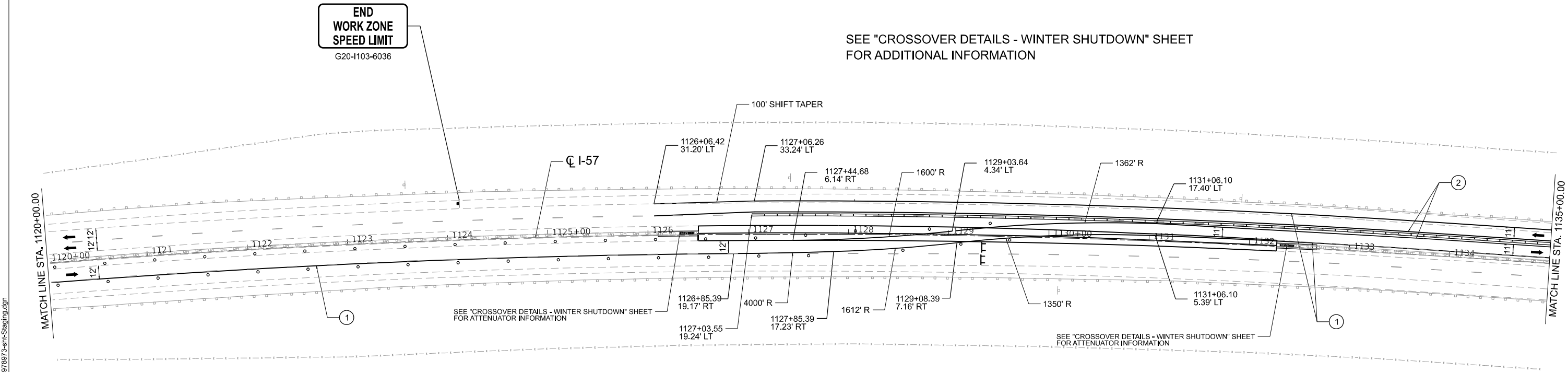
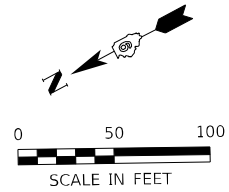
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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - STAGE I
I-57

SCALE: 1" = 50' SHEET 1 OF 9 SHEETS STA. TO STA. 1120+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	34
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				



NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND				
	WORK AREA			
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS			
	TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS			
	TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001			
	TEMPORARY IMPACT ATTENUATOR			
	DIRECTION OF TRAFFIC			
	TYPE III BARRICADE			
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)			
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)			
	VERTICAL PANEL WITH STEADY BURN LIGHT			

MODEL: Unnamed Plan - Plan 2 [Sheet]
FILE NAME: S:\2021\2\IL060 - FTB 201-40 D9 - TWM - Various Ph ILLINO - Paint I-57 over Mississippi R 002-002\CADD\CADD Sheets\0978973-shr-Staging.dgn

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			DRAWN - TO	REVISED -		I-57			57	(02-1B-1)BP-1	*	104	35
	PLOT SCALE = 0.16666633" / in.		CHECKED - SM	REVISED -					CONTRACT NO. 78973				
	PLOT DATE = 2/7/2025		DATE - 1/24/2025	REVISED -		SCALE: 1" = 50'	SHEET 2	OF 9 SHEETS	STA. 1120+00.00	TO STA. 1135+00.00	ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO		

MODEL: Unnamed Plan - Plan 3 [Sheet]
FILE NAME: S:\2021\21IL060 - PTB 201-40 D9 - TWM - Various Ph I-57 over Mississippi R 002-002\ICADD\CADD Sheets\0978973-shr-Staging.dgn



QUIGG ENGINEERING INC

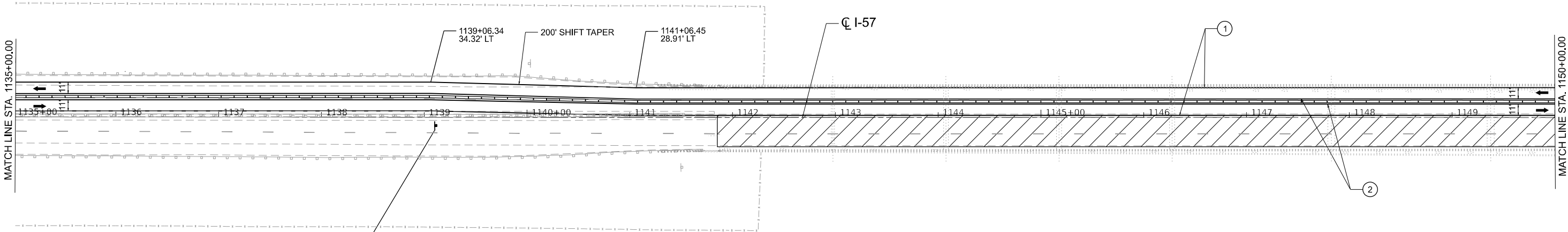
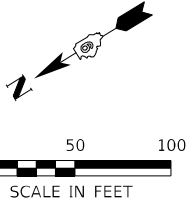
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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - STAGE I
I-57

SCALE: 1" = 50' SHEET 3 OF 9 SHEETS STA. 1135+00.00 TO STA. 1150+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	36
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				



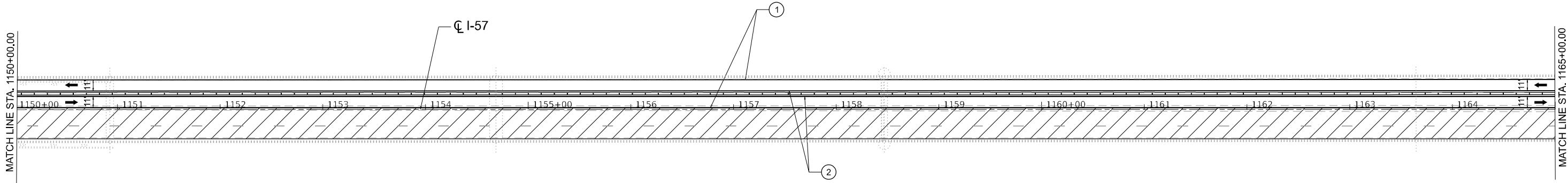
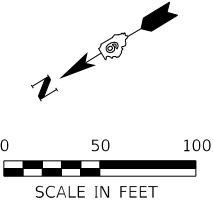
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R2-1-3648
R10-1108p-3618
R2-1106p-3618

NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT

MODEL: Unnamed Plan - Plan 4 [Sheet]
FILE NAME: S:\2021\21IL060 - PTB 201-40 D9 - TWM - Various Ph ILLINO - Paint I-57 over Mississippi R 002-002\ICADD\ICADD Sheets\0978973-shr-Staging.dgn



NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT



QUIGG ENGINEERING INC

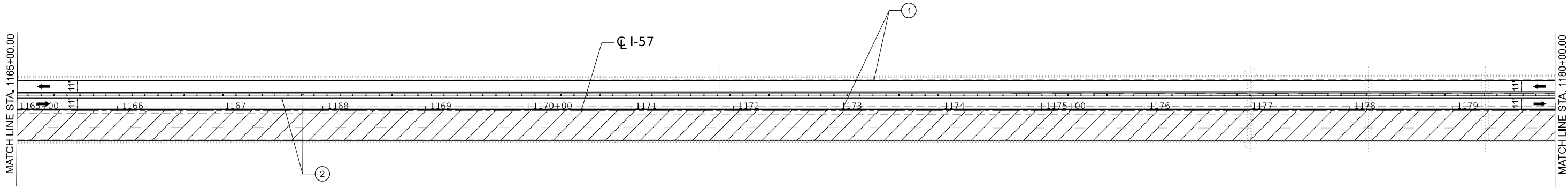
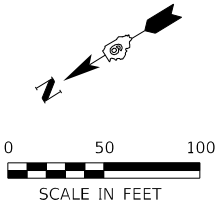
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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - STAGE I
I-57

SCALE: 1" = 50' SHEET 4 OF 9 SHEETS STA. 1150+00.00 TO STA. 1165+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	37
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				



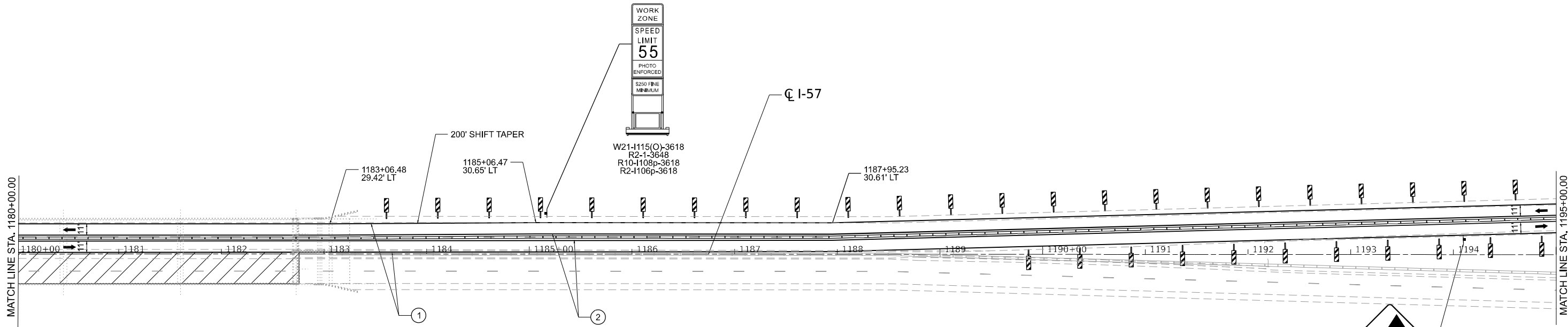
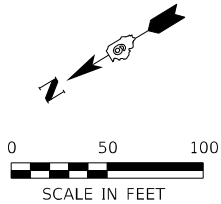
NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND	
	WORK AREA
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
	TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
	TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
	TEMPORARY IMPACT ATTENUATOR
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
	VERTICAL PANEL WITH STEADY BURN LIGHT

MODEL: Unnamed Plan - Plan 5 [Sheet]
FILE NAME: S:\2021\21\060 - PTB 201-40 D9 - TWM - Various Ph ILLINOIS - Paint I-57 over Mississippi R 002-002\ICADD\CADD Sheets\0978973-sht-Staging.dgn

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			DRAWN - TO	REVISED -		I-57			57	(02-1B-1)BP-1	*	104	38
	PLOT SCALE = 0.16666633" / in.		CHECKED - SM	REVISED -					CONTRACT NO. 78973				
	PLOT DATE = 2/7/2025		DATE - 1/24/2025	REVISED -		SCALE: 1" = 50'	SHEET 5	OF 9 SHEETS	STA. 1165+00.00	TO STA. 1180+00.00	ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO		

MODEL: Unnamed Plan - Plan 6 [Sheet]
FILE NAME: S:\2021\21\060 - PTB 201-40 D9 - TWM - Various Ph Hilltop - Paint I-57 over Mississippi R 002-002\ICADD\CADD Sheets\0978973-shr-Staging.dgn



NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT



QUIGG ENGINEERING INC

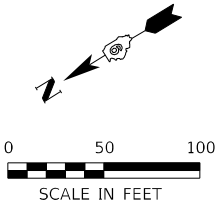
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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

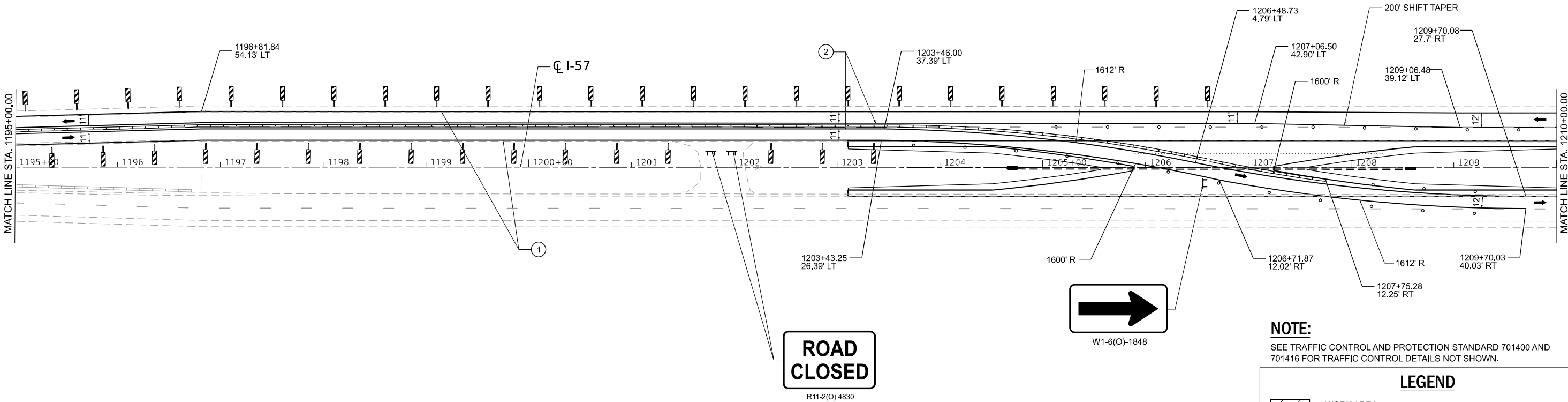
MAINTENANCE OF TRAFFIC PLANS - STAGE I
I-57

SCALE: 1" = 50" SHEET 6 OF 9 SHEETS STA. 1180+00.00 TO STA. 1195+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	39
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				



SEE "CROSSOVER DETAILS - WINTER SHUTDOWN" SHEET
FOR ADDITIONAL INFORMATION



NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND				
	WORK AREA			
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS			
	TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS			
	TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001			
	TEMPORARY IMPACT ATTENUATOR			
	DIRECTION OF TRAFFIC			
	TYPE III BARRICADE			
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)			
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)			
	VERTICAL PANEL WITH STEADY BURN LIGHT			

MODEL: Unnamed Plan - Plan 7 [Sheet]
FILE NAME: S:\2021\12\11\060 - PTB 201-40 D9 - TWM - Various Ph Hillview - Paint I-57 over Mississippi R 002-002\CADD\CADD Sheets\0978973-shr-Staging.dgn



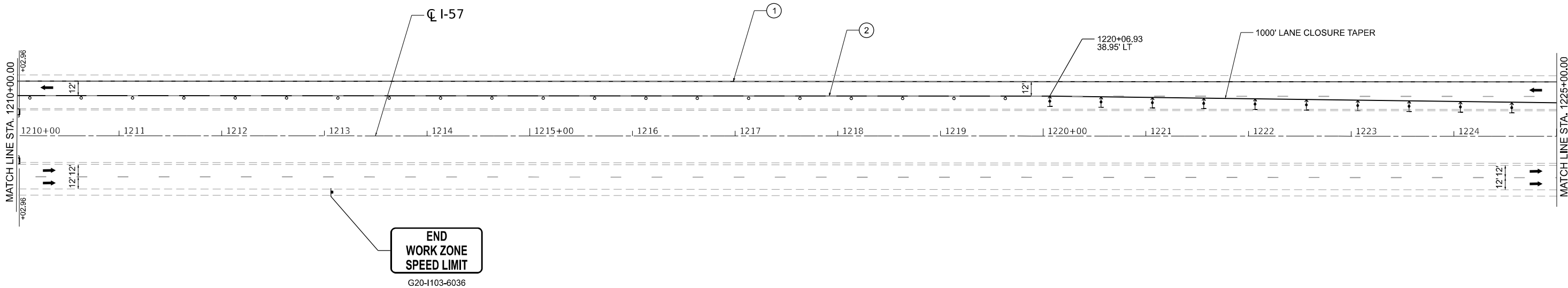
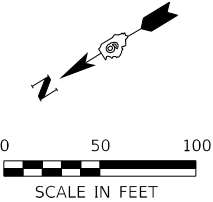
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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - STAGE I			
I-57			
SCALE: 1" = 50'	SHEET 7	OF 9 SHEETS	STA. 1195+00.00 TO STA. 1210+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	40
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				

MODEL: Unnamed Plan - Plan 8 [Sheet]
FILE NAME: S:\2021\21\060 - PTB 201-40 D9 - TVM - Various Ph ILLINO - Various Ph ILLINO - Paint I-57 over Mississippi R 002-002\ICADDICADD Sheets\0978973-shr-Staging.dgn



NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT



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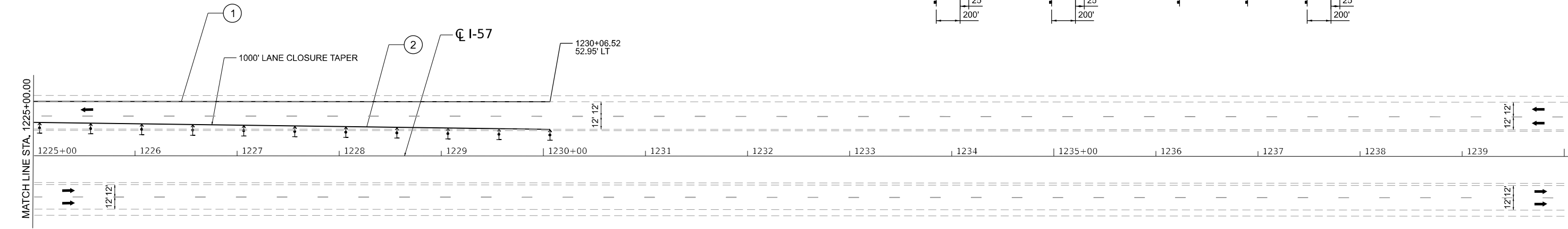
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - STAGE I
I-57

SCALE: 1" = 50' SHEET 8 OF 9 SHEETS STA. 1210+00.00 TO STA. 1225+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	41
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				

MODEL: Unnamed Plan - Plan 9 [Sheet]
FILE NAME: S:\2021\21\060 - FTB 201-40 D9 - TWM - Various Ph I-57 over Mississippi R 002-002\CADD\CADD Sheets\0978973-sht-Staging.dgn



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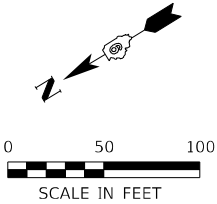
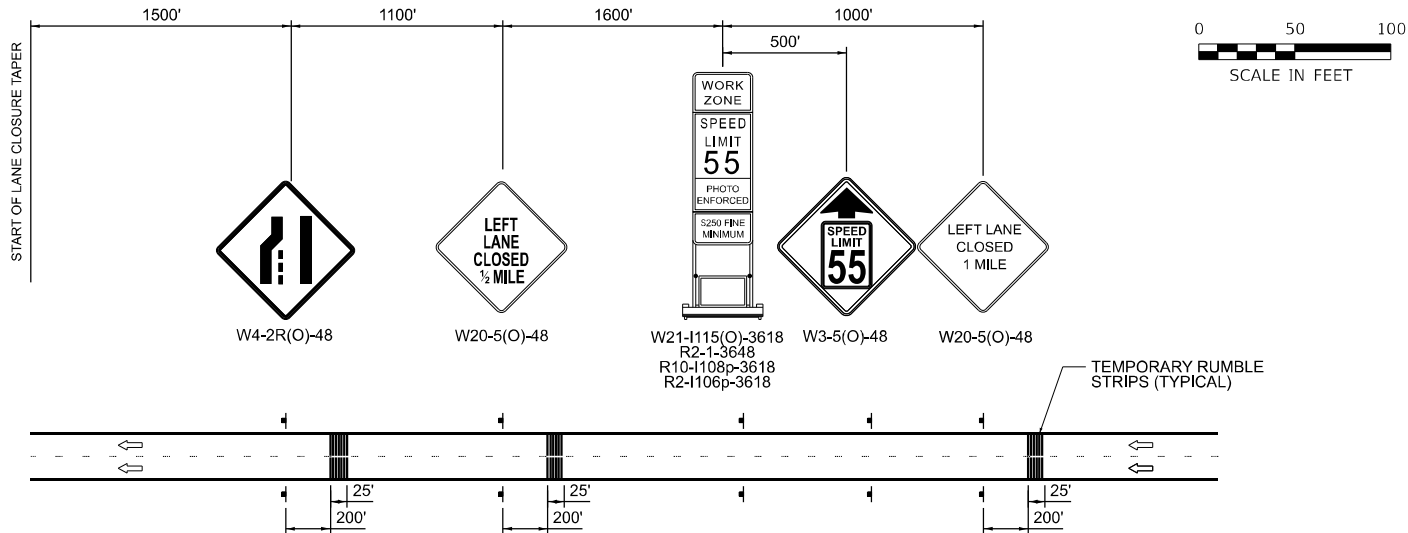
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - STAGE I
I-57

SCALE: 1" = 50' SHEET 9 OF 9 SHEETS STA. 1225+00.00 TO STA. 1240+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	42
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				

ADVANCED SIGNING DETAIL



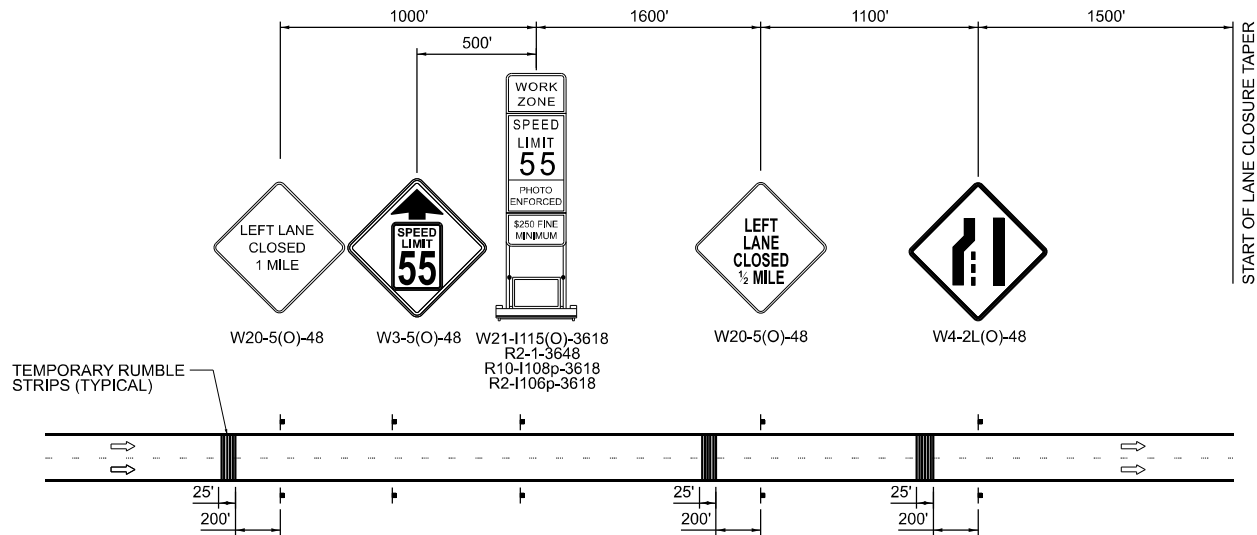
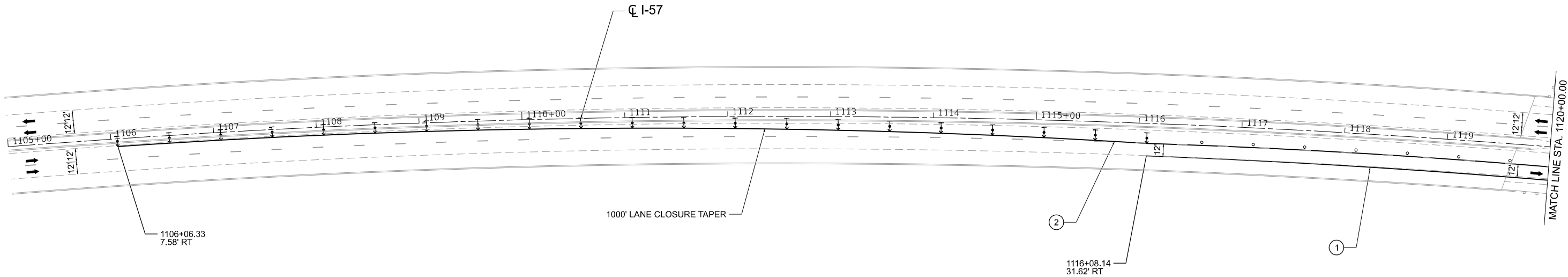
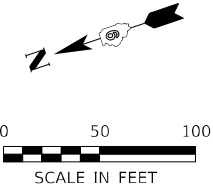
NOTE:

SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT

MODEL: Unnamed Plan - Plan 1-1 (Sheet)
FILE NAME: S:\2021\21IL060 - PTB 2024-0 D9 - TWM - Various Ph ILLINOI - Paint I-57 over Mississippi R 002-002\ICADD\CADD Sheets\0978973-shr-Staging.dgn



NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND	
	WORK AREA
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
	TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
	TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
	TEMPORARY IMPACT ATTENUATOR
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
	VERTICAL PANEL WITH STEADY BURN LIGHT



QUIGG ENGINEERING INC

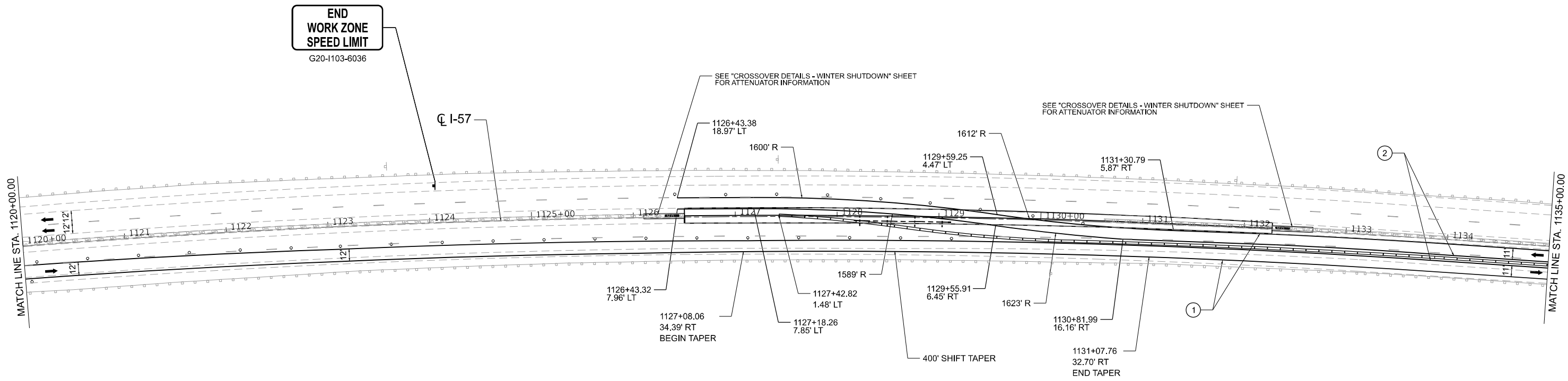
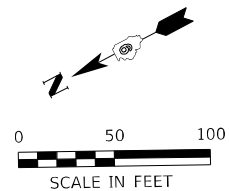
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	DRAWN - TO	REVISED -
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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - STAGE II
I-57

SCALE: 1" = 50' SHEET 1 OF 9 SHEETS STA. TO STA. 1120+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	43
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				



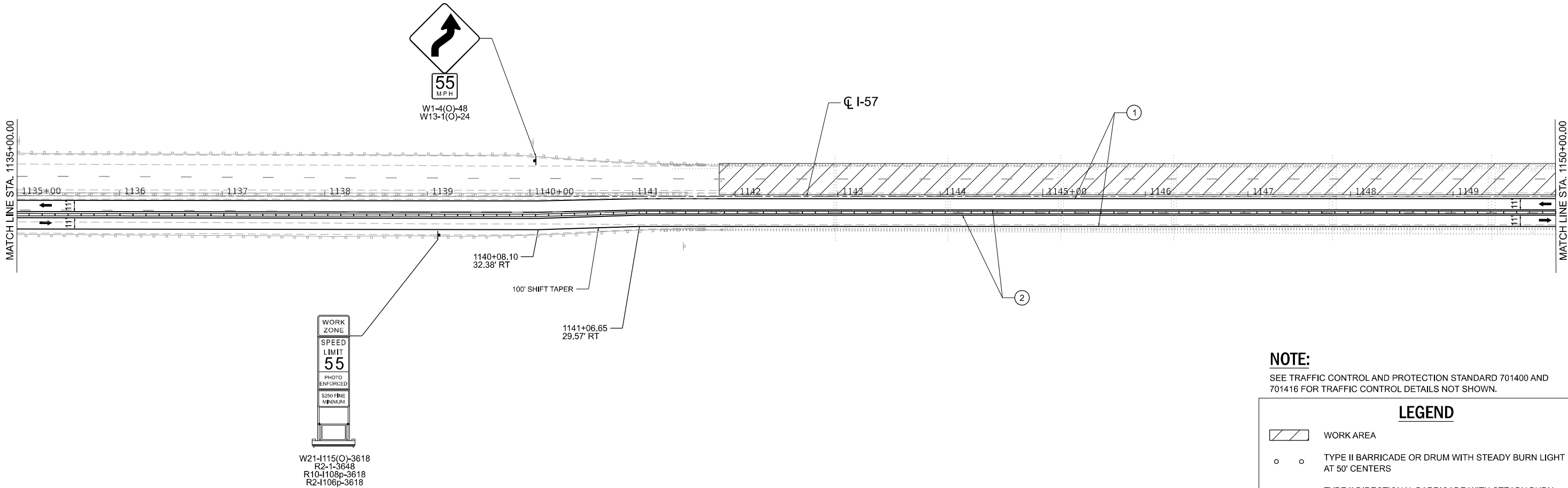
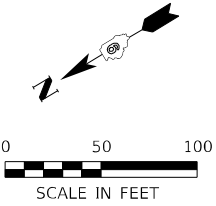
NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND	
	WORK AREA
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
	TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
	TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
	TEMPORARY IMPACT ATTENUATOR
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
	VERTICAL PANEL WITH STEADY BURN LIGHT

MODEL: Unnamed Plan - Plan 2-1 (Sheet)
FILE NAME: S:\2021\12\11\060 - PTB 201-40 D9 - TWM - Various Ph I11W10 - Paint I-57 over Mississippi R 002-0022\CADD\CADD Sheets\0978973-shr-Staging.dgn

 QUIGG ENGINEERING INC	USER NAME = toverton	DESIGNED - TO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLANS - STAGE II I-57			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - TO	REVISED -					57	(02-1B-1)BP-1	*	104	44
	PLOT SCALE = 0.16666633" / in.	CHECKED - SM	REVISED -		SCALE: 1" = 50'			CONTRACT NO. 78973				
	PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -		SHEET 2	OF 9	SHEETS	STA. 1120+00.00	TO STA. 1135+00.00	ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO		

MODEL: Unnamed Plan - Plan 3-1 (Sheet)
FILE NAME: S:\2021\21\060 - PTB 203-40 D9 - TWM - Various Ph I-57 over Mississippi R 002-002\ICADD\CADD Sheets\0978973-shr-Staging.dgn



NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND	
	WORK AREA
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
	TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
	TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
	TEMPORARY IMPACT ATTENUATOR
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
	VERTICAL PANEL WITH STEADY BURN LIGHT



QUIGG ENGINEERING INC

USER NAME = toverton	DESIGNED - TO	REVISED -
	DRAWN - TO	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SM	REVISED -
PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

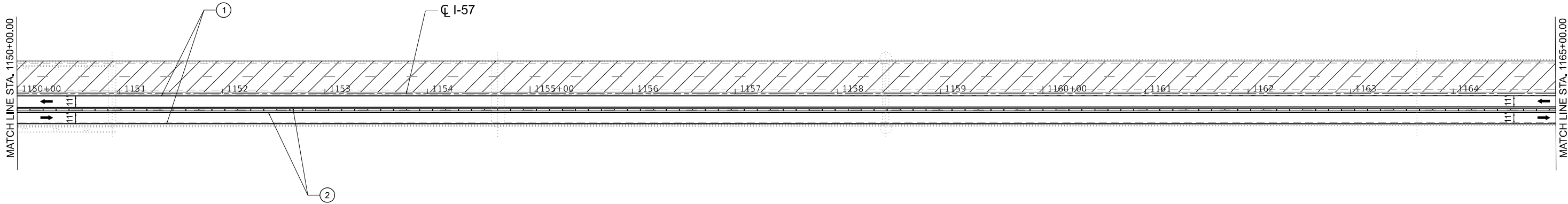
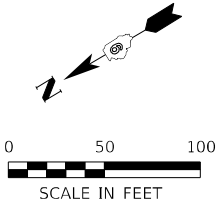
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLANS - STAGE II
I-57

SCALE: 1" = 50' SHEET 3 OF 9 SHEETS STA. 1135+00.00 TO STA. 1150+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				

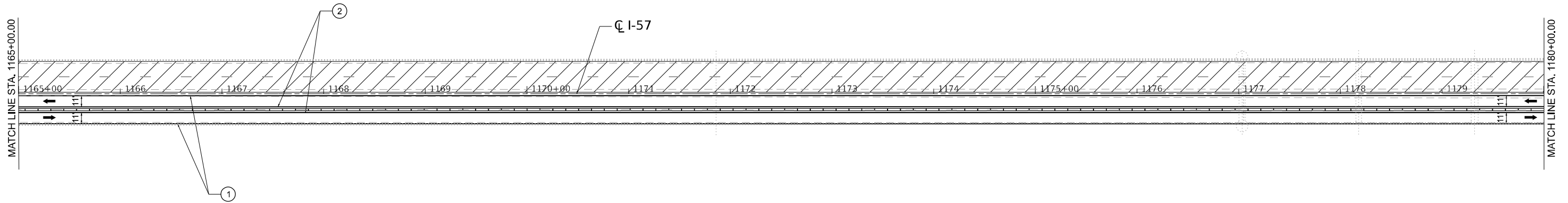
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NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND	
	WORK AREA
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
	TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
	TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
	TEMPORARY IMPACT ATTENUATOR
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
	VERTICAL PANEL WITH STEADY BURN LIGHT

	USER NAME = toverton		DESIGNED - TO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLANS - STAGE II			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - TO	REVISED -		I-57			57	(02-1B-1)BP-1	*	104	46
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	PLOT DATE = 2/7/2025		DATE - 1/24/2025	REVISED -		SCALE: 1" = 50'	SHEET 4	OF 9 SHEETS	STA. 1150+00.00	TO STA. 1165+00.00	ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO		

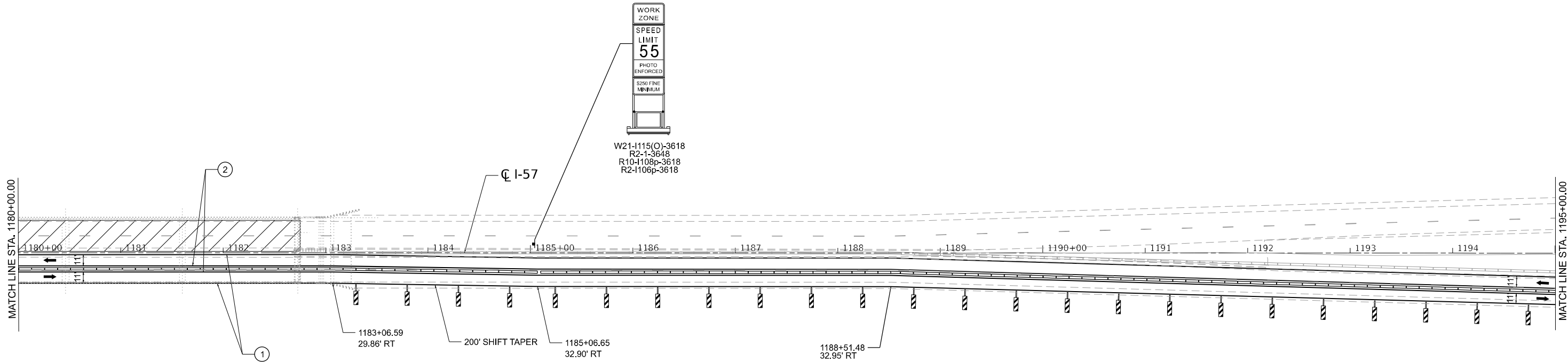
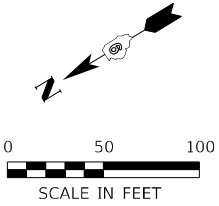


SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

SYMBOL	DESCRIPTION
	WORK AREA
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
	TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
	TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
	TEMPORARY IMPACT ATTENUATOR
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE

 QUIGG ENGINEERING INC	USER NAME = toverlon	DESIGNED - TO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLANS - STAGE II I-57				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - TO	REVISED -						57	(02-1B-1)BP-1	*	104	47
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	PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -										
ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO													

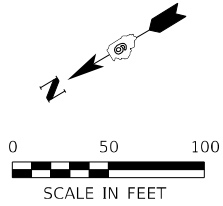
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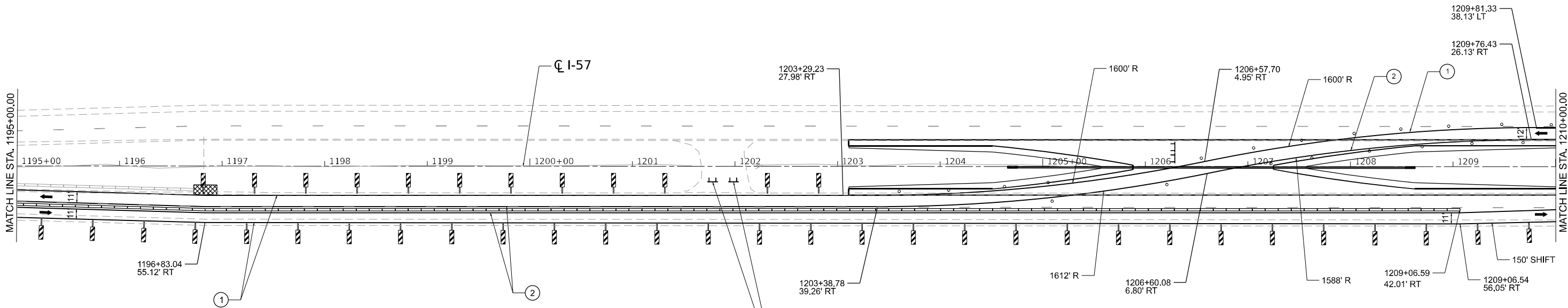
NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND	
	WORK AREA
	TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
	TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
	TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
	TEMPORARY IMPACT ATTENUATOR
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
	TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
	VERTICAL PANEL WITH STEADY BURN LIGHT

	USER NAME = toverton		DESIGNED - TO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLANS - STAGE II			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - TO	REVISED -		I-57			57	(02-1B-1)BP-1	*	104	48
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	PLOT DATE = 2/7/2025		DATE - 1/24/2025	REVISED -		SCALE: 1" = 50'	SHEET 6	OF 9 SHEETS	STA. 1180+00.00	TO STA. 1195+00.00	ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO		



SEE "CROSSOVER DETAILS - WINTER SHUTDOWN" SHEET
FOR ADDITIONAL INFORMATION



**ROAD
CLOSED**

R11-2(O)-4830

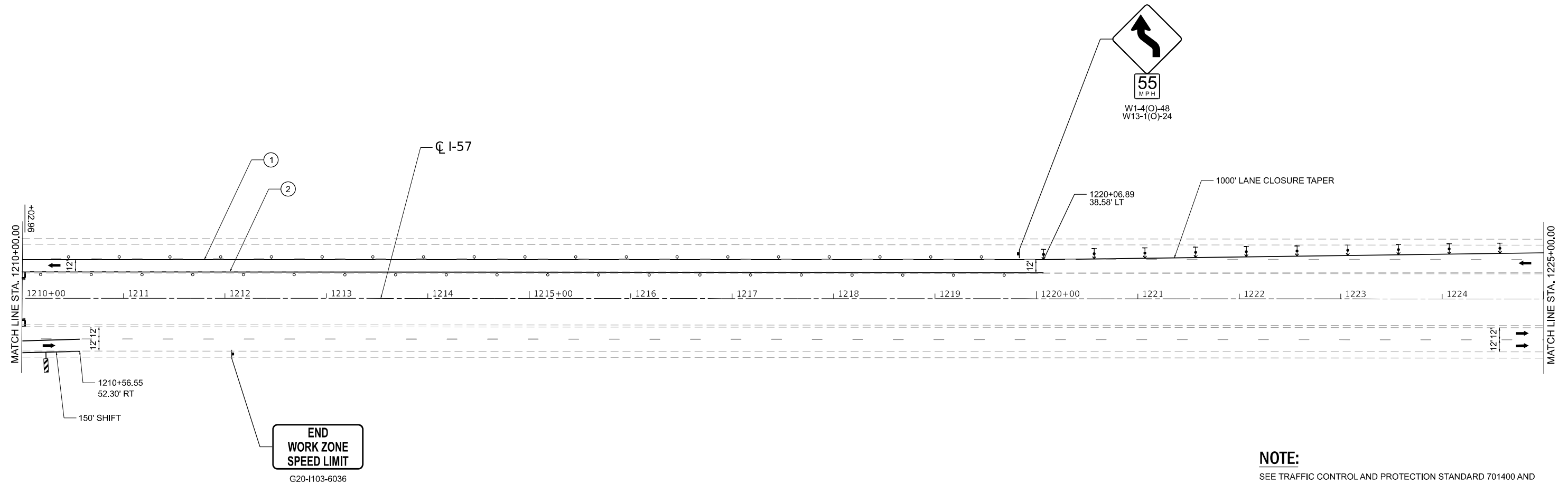
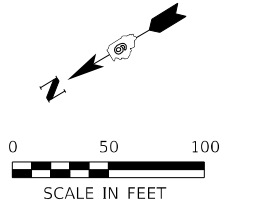
NOTE:
SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND
701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT

MODEL: Unnamed Plan - Plan 7-1 (Sheet)
FILE NAME: S:\2021\21\060 - PTB 20-40 D9 - TWM - Various Ph I\IWO - Paint I-57 over Mississippi R 002-002\CADD\CADD Sheets\0978973-shr-Staging.dgn

	USER NAME = toverton		DESIGNED - TO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLANS - STAGE II			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - TO	REVISED -		I-57			57	(02-1B-1)BP-1	*	104	49
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	PLOT DATE = 2/7/2025		DATE - 1/24/2025	REVISED -		SCALE: 1" = 50'	SHEET 7	OF 9 SHEETS	STA. 1195+00.00	TO STA. 1210+00.00	ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO		



NOTE:

SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

- | | |
|---|--|
|  | WORK AREA |
|  | TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS |
|  | TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS |
|  | TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001 |
|  | TEMPORARY IMPACT ATTENUATOR |
|  | DIRECTION OF TRAFFIC |
|  | TYPE III BARRICADE |
|  | TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE) |
|  | TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW) |
|  | VERTICAL PANEL WITH STEADY BURN LIGHT |



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	DRAWN - TO	REVISED -
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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

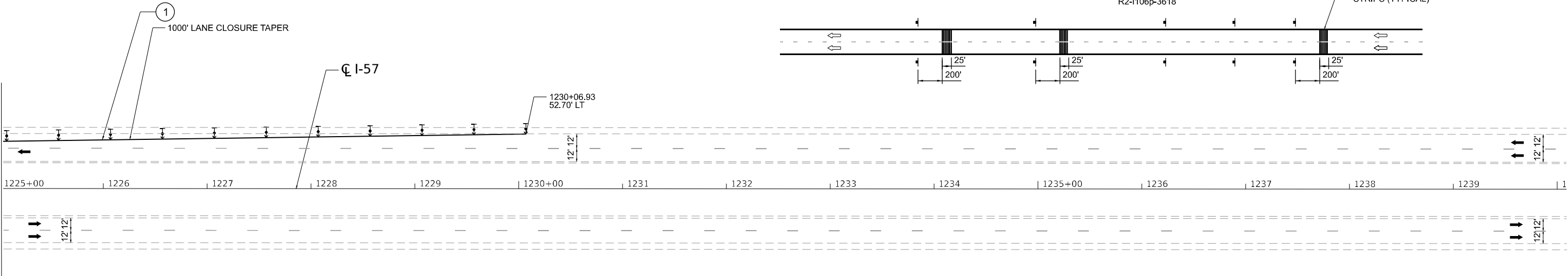
MAINTENANCE OF TRAFFIC PLANS - STAGE II
I-57

SCALE: 1" = 50'	SHEET 8	OF 9	SHEETS	STA. 1210+00.00	TO STA. 1225+00.00
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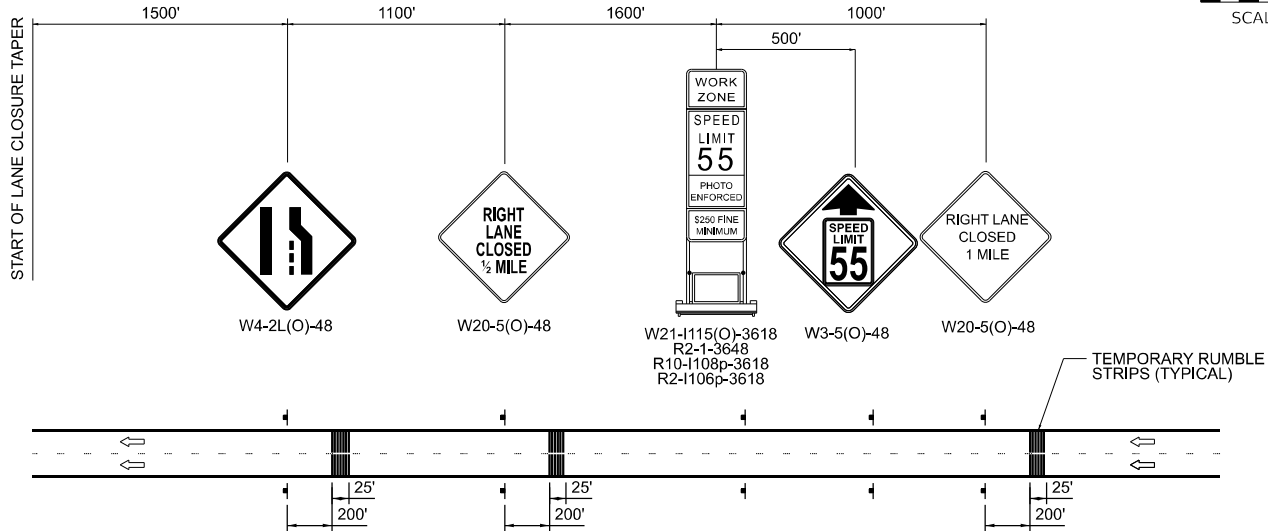
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57	(02-1B-1)BP-1	*	104	50
		CONTRACT NO. 78973		
ILLINOIS		FED. AID PROJECT		

MODEL: Unnamed Plan - Plan & 3 (Sheet)
FILE NAME: S:\2021\21\060 - PTB 20-40 D9 - TWM - Various Ph I-IWIO - Paint I-57 over Mississippi R 002-002\ICADD\CADD Sheets\0978973-shr-Staging.dgn

MATCH LINE STA. 1225+00.00



ADVANCED SIGNING DETAIL



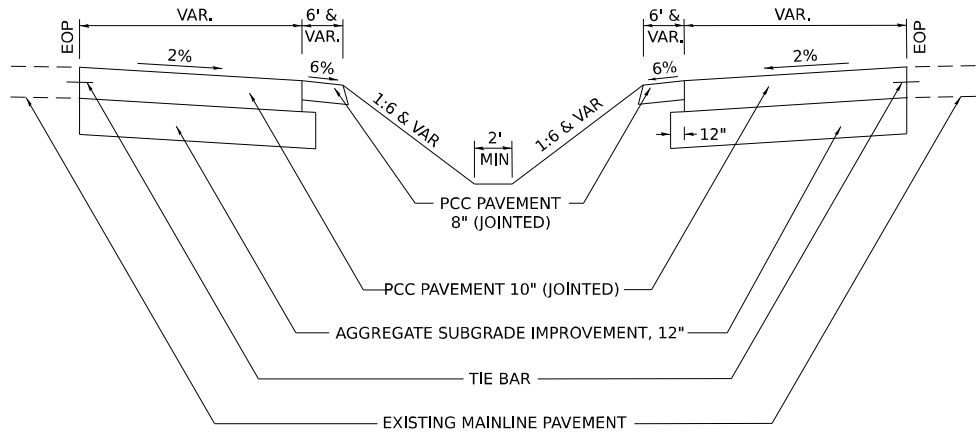
NOTE:

SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701400 AND 701416 FOR TRAFFIC CONTROL DETAILS NOT SHOWN.

LEGEND

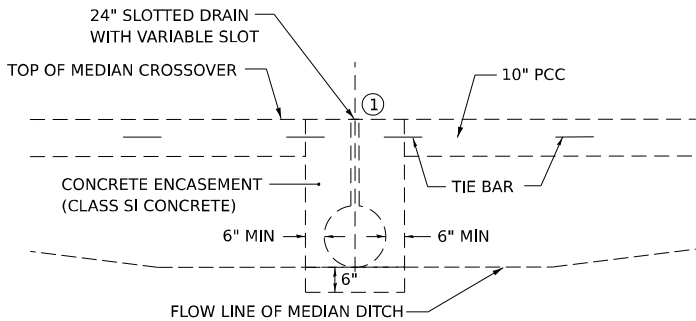
- WORK AREA
- TYPE II BARRICADE OR DRUM WITH STEADY BURN LIGHT AT 50' CENTERS
- TYPE II DIRECTIONAL BARRICADE WITH STEADY BURN LIGHT AT 50' CENTERS
- TEMPORARY CONCRETE BARRIER W/ BARRIER WALL REFLECTORS, SEE STANDARD 704001
- TEMPORARY IMPACT ATTENUATOR
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID WHITE)
- TEMPORARY PAVEMENT MARKING, LINE 6" - PAINT (SOLID YELLOW)
- VERTICAL PANEL WITH STEADY BURN LIGHT

	USER NAME = toverton		DESIGNED - TO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC PLANS - STAGE II I-57			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 2/7/2025					SHEET 9 OF 9 SHEETS			ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				



TYPICAL SECTION

STA 1203+10.71 TO STA 1205+56.50
STA 1207+57.07 TO STA 1210+02.96



SECTION A-A

(USE TO MAINTAIN MEDIAN DRAINAGE THROUGH THE CROSSOVER)

- ① DUCT TAPE OR WOOD BLOCKS SHALL BE USED TO COVER SLOTTED DRAIN DURING CONSTRUCTION OF CROSSOVER PAVING

GENERAL NOTES

CONSTRUCTION OF MEDIAN CROSSOVER SHALL CONFORM TO THE REQUIREMENTS OF HIGHWAY STANDARD 701402

CONSTRUCTION OF MEDIAN CROSSOVER SHALL CONFORM TO THE REQUIREMENTS OF CURRENT STANDARD SPECIFICATIONS

SLOTTED DRAIN SHALL BE CONSTRUCTED OF 14 OR 16 GAUGE CORRUGATED METAL ROADWAY PIPE MODIFIED TO ACCOMMODATE SLOTTED DRAIN AS SHOWN

ELBOWS AND CAPS SHALL BE INCLUDED IN THE COST OF THE SLOTTED DRAIN 24" WITH VARIABLE SLOT

SEE DRAINAGE DETAILS FOR MEDIAN CROSSOVER FOR SLOTTED DRAIN AND BEVELED PIPE & GUARD DETAILS

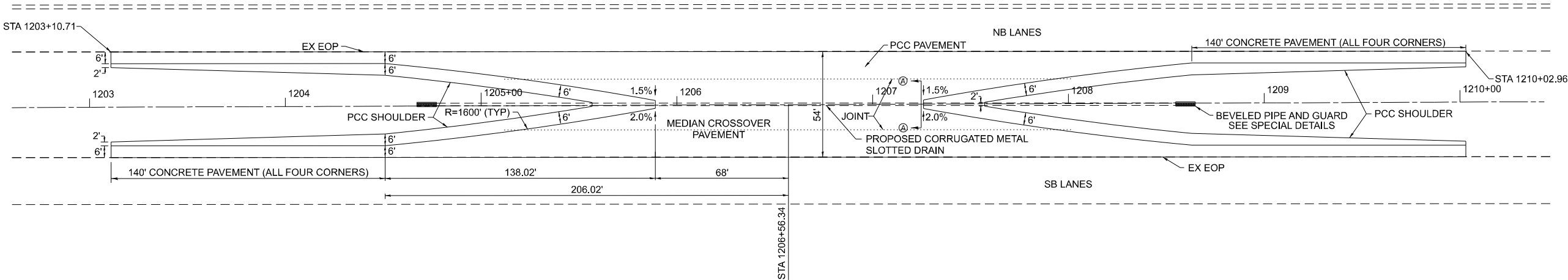
THE CROSSOVER IS DESIGNED USING A 55 MPH DESIGN SPEED

THE END OF THE PIPE GUARD SHALL BE SET WHERE A MINIMUM 1:4 FRONT SLOPE CAN BE CONSTRUCTED FROM EACH SIDE OF PIPE GUARD TO THE HMA SHOULDER

THE PCC PAVEMENT 10" (JOINTED) SHALL BE CONSTRUCTED ACCORDING TO SECTION 420 OF THE STANDARD SPECIFICATIONS AND HIGHWAY STANDARDS 420001, 420101, & 420106

THE PCC PAVEMENT 10 (JOINTED) SHALL BE TIED TO ADJACENT EXISTING CONCRETE PAVEMENT AND THE CONCRETE ENCASEMENT FOR THE SLOTTED DRAIN. THE TIE BARS SHALL BE NO. 6 BARS 24" LONG @ 30" CTS AND INSTALLED ACCORDING TO THE APPLICABLE PORTIONS OF ARTICLE 420.05(B) OF THE STANDARD SPECIFICATIONS. THE COST OF THE BARS TO BE INCLUDED IN THE COST OF THE PCC PAVEMENT 10" (JOINTED).

ANY EARTH WORK REQUIRED FOR THE CONSTRUCTION OF THE CROSSOVER SHALL BE CONSIDERED INCLUDED IN THE COST OF AGGREGATE SUBGRADE IMPROVEMENT, 12".



PLAN VIEW

MODEL: Unnamed Plan - Plan 1 [Sheet]
FILE NAME: S:\2021\21060 - PTB 203-40 D9 - TWM - Various Ph HILWIO 7-Print I-57 over Mississippi R 002-002\CADD\CADD Sheets\0978973-sh-crossover detail.dgn



QUIGG ENGINEERING INC

USER NAME = toverton	DESIGNED - TO	REVISED -
	DRAWN - TO	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SM	REVISED -
PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

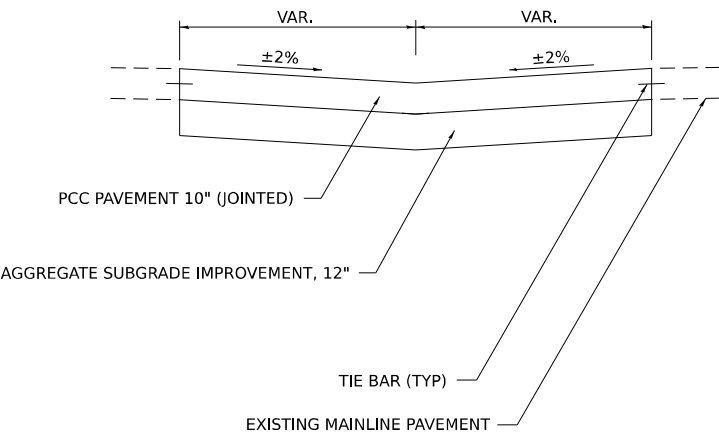
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSSOVER DETAILS - MISSOURI (STA. 1206+56.34)
I-57

SCALE: NONE SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	52
CONTRACT NO. 78973				

ILLINOIS FED. AID PROJECT
*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO



TYPICAL SECTION

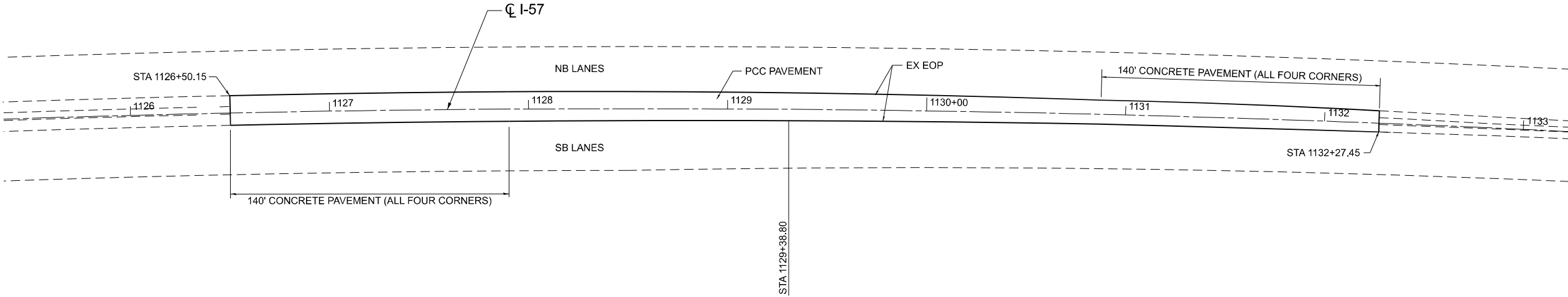
STA 1126+50.15 TO STA 1132+27.45

GENERAL NOTES

THE CROSSOVER IS DESIGNED USING A 55 MPH DESIGN SPEED

THE PCC PAVEMENT 10" (JOINTED) SHALL BE CONSTRUCTED ACCORDING TO SECTION 420 OF THE STANDARD SPECIFICATIONS AND HIGHWAY STANDARDS 420001, 420101, & 420106

THE PCC PAVEMENT 10" (JOINTED) SHALL BE TIED TO ADJACENT EXISTING CONCRETE PAVEMENT. THE TIE BARS SHALL BE NO. 6 BARS 24" LONG @ 30" CTS AND INSTALLED ACCORDING TO THE APPLICABLE PORTIONS OF ARTICLE 420.05(B) OF THE STANDARD SPECIFICATIONS. THE COST OF THE BARS TO BE INCLUDED IN THE COST OF THE PCC PAVEMENT 10" (JOINTED).



PLAN VIEW

MODEL: Unnamed Plan - Plan 2 [Sheet]
FILE NAME: S:\2021\210660 - FTB 201-40 D9 - TWM - Various Ph I-57 over Mississippi R 02-022\CADD\CADD Sheets\0978973-sh-crossover detail.dgn



USER NAME = toverton	DESIGNED - TO	REVISED -
	DRAWN - TO	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - SM	REVISED -
PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSSOVER DETAILS - ILLINOIS (STA 1129+38.80)
I-57

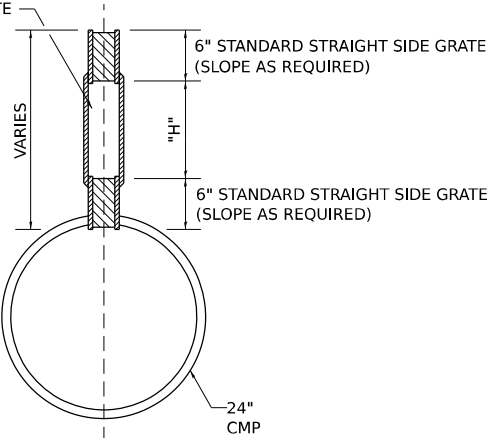
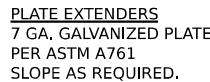
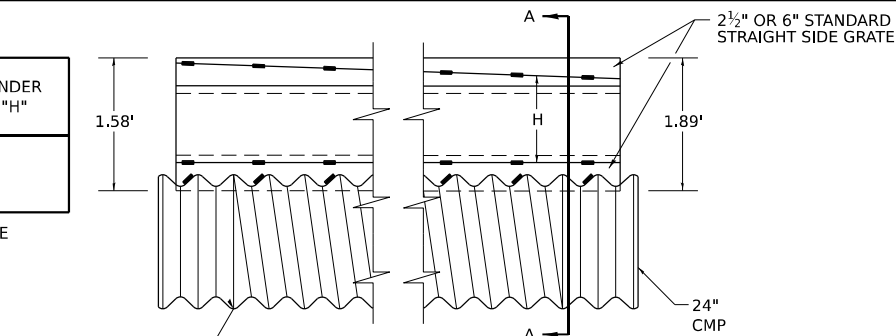
SCALE: NONE SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	53
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				

*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO

LOADING CONDITION	MAX. EXTENDER HEIGHT - "H"
H20/H25 * 750 PSI CONCRETE	19"

* 125 PSI TIRE PRESSURE



SECTION A-A

GENERAL

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. THIS SPECIFICATION COVERS SLOTTED DRAIN USED FOR THE REMOVAL OF WATER AS SHOWN ON THE PLANS. THE SLOTTED DRAIN SHALL BE CORRUGATED PIPE CULVERT WITH INTEGRAL SLOTTED DRAINS. BEFORE PLACING THE CONCRETE ADJACENT TO THE PIPE, THE SLOT SHALL BE COVERED BY EITHER THIN, FLAT METAL SHEETING OR BY A BOARD NOTCHED TO FIT OVER THE GRATE BARS. THIS COVERING MUST FIT CLOSELY IN THE SLOT TO PREVENT ENTRY OF CONCRETE INTO THE PIPE. PAVING OVER THE SLOTTED DRAIN WILL THEN BE ONE CONTINUOUS OPERATION OVER THE PROTECTED DRAIN. THE PROTECTION FOR THE DRAIN SLOT SHALL THEN BE REMOVED.

THE CORRUGATED STEEL PIPE USED IN THE SLOTTED DRAIN SHALL MEET THE REQUIREMENTS OF AASHTO M36/ASTM A760.

THE CMP SHALL BE ALUMINIZED STEEL TYPE 2.

STEEL GRATING SHALL MEET THE GALVANIZING REQUIREMENTS OF AASHTO M111.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR SLOTTED DRAIN OF THE PIPE DIAMETER SPECIFIED WITH VARIABLE SLOT, AND SHALL INCLUDE CONCRETE AND GRATING FOR DEPTH SPECIFIED ON PLANS.

CONNECTIONS

THE CORRUGATED STEEL PIPE SHALL HAVE A MINIMUM OF TWO REROLLED ANNULAR ENDS,
THE SLOTTED DRAIN BANDS SHALL BE MODIFIED HUGGER BANDS TO SECURE THE PIPE AND PREVENT
INFILTRATION OF THE BACKFILL.
WHEN THE SLOTTED DRAIN IS Banded TOGETHER, THE ADJACENT GRATES SHALL HAVE A MAXIMUM 3" GAP.

GRATES

THE GRATES SHALL BE MANUFACTURED FROM ASTM A670, GRADE 36 STEEL. THE SPACERS AND BEARING BARS (SIDES) SHALL BE $\frac{3}{16}$ " MATERIAL ± 0.008 ".

THE SPACERS SHALL BE ON 6" CENTERS AND WELDED ON BOTH SIDES TO EACH BEARING BAR (SIDES) WITH FOUR (4) $1\frac{1}{4}$ " LONG $\frac{3}{16}$ " FILLET WELDS ON EACH SIDE OF THE BEARING BAR.

THE PLATE EXTENDER SHALL BE 7 GAGE STEEL MEETING ASTM A761.

THE ENGINEER MAY CALL FOR TENSILE STRENGTH TESTS ON THE GRATE IF THE GRATE IS NOT IN COMPLIANCE WITH THE ABOVE SPACER SPECIFICATIONS. IF TENSILE STRENGTH TESTS ARE CALLED FOR, MINIMUM RESULTS FOR AN IN-PLACE SPACER PULLED PERPENDICULAR TO THE BEARING BAR SHALL BE:

T = 12,000 POUNDS FOR $2\frac{1}{2}$ " GRATE
T = 15,000 POUNDS FOR 6" GRATE

GALVANIZING

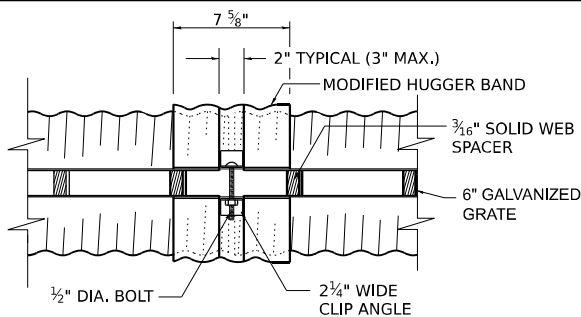
THE GRATE AND PLATE EXTENDERS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A123 EXCEPT WITH A 2 OZ. GALVANIZED COATING.

GRATE ATTACHED TO CSP

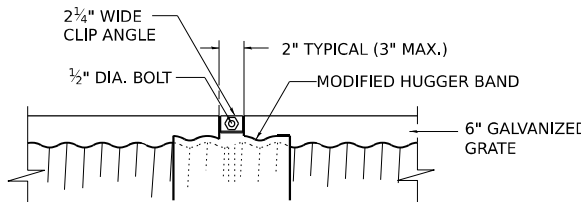
THE GRATE SHALL BE FILLET WELDED WITH A MINIMUM WELD 1" LONG TO THE CSP ON EACH SIDE OF THE GRATE AT EVERY OTHER CORRUGATION.

TOLERANCES - FINISHED SLOTTED DRAIN - 20' LENGTHS

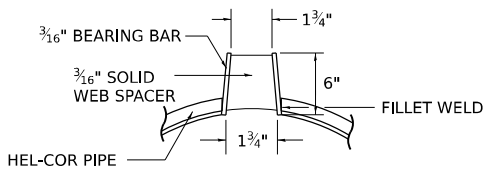
VERTICAL BOW= $\pm \frac{3}{8}$ ", HORIZONTAL BOW= $\pm \frac{5}{8}$ ", TWIST= $\pm \frac{1}{2}$ "



TOP VIEW



SIDE VIEW

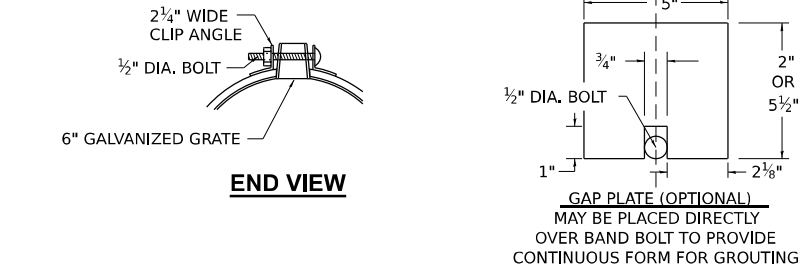


SECTION A-A

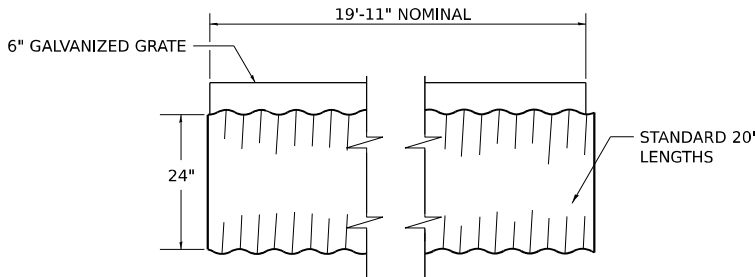
STANDARD DETAIL

SLOTTED DRAIN NOTES

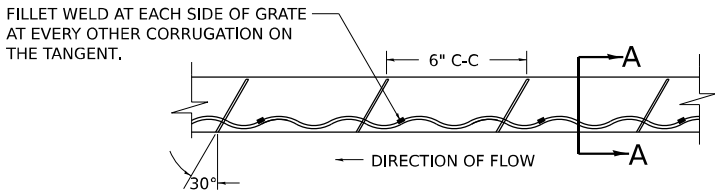
1. FOR 6" VERTICAL REQUIREMENTS, THE SLOTTED DRAIN BAND MAY BE FURNISHED WITH THE 4" TECHCO BAND ANGLE.
2. DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES.
3. 1.58" AND 1.89" MEASURED FROM TOP OF GRATE TO BOTTOM OF GRATE.



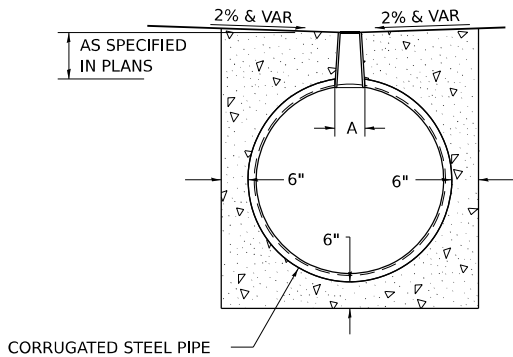
GAP PLATE (OPTIONAL)
MAY BE PLACED DIRECTLY
OVER BAND BOLT TO PROVIDE
CONTINUOUS FORM FOR GROUTING.



TYPICAL PIPE SECTION



GRATE WELDING DETAIL



DETAIL FOR CROSSOVERS,

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



QUIGG ENGINEERING INC

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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

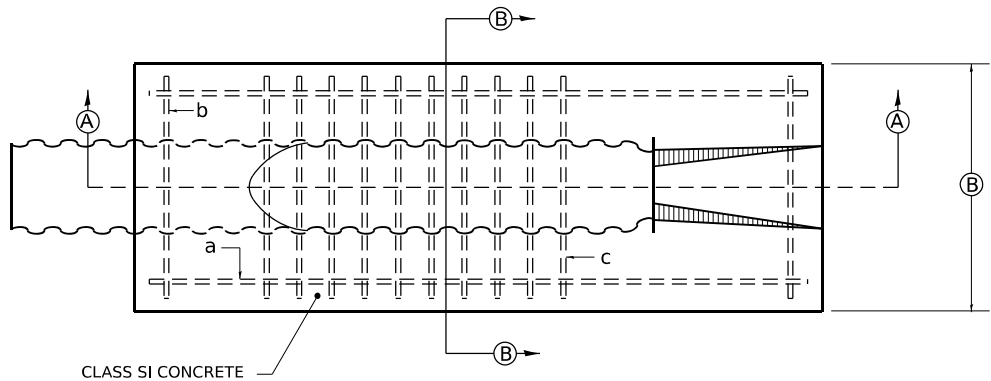
CROSSOVER DETAILS - DRAINAGE
I-57

SCALE: NONE	SHEET 3	OF 5	SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	54
		CONTRACT NO. 78973		
ILLINOIS		FED. AID PROJECT		

MODEL: Unnamed Plan - Plan 3 [Sheet]
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MODEL: Unnamed Plan - Plan 4 [Sheet]
FILE NAME: S:\2021\21\060 - PTB 201-40 D9 - TWM - Various Ph HillWO 7-PAINT I-57 over Mississippi R 002-002\ICADD\CADD Sheets\0978973-shr-crossover detail.dgn



24 PIPE REINFORCING SCHEDULE			
MARK REQ'D	BAR SIZE	LENGTH	NO.
a	5	207	2
b	5	44	2
c	8	45	26

GENERAL NOTES

DETAILS SHOWN HEREON ARE FOR THE CONSTRUCTION OF BEVELED PIPE AND GUARD. ALTERNATE DESIGNS, METHODS OF CONSTRUCTION OR MATERIALS MAY BE SUBMITTED TO THE ENGINEER FOR APPROVAL. ALL METHODS OF CONSTRUCTION AND MATERIALS INVOLVED SHALL CONFORM TO CURRENT STANDARD SPECIFICATIONS.

REINFORCING STEEL USED IN CONSTRUCTION OF "BEVELED PIPE AND GUARD" SHALL BE DEFORMED BARS MEETING THE REQUIREMENTS OF ARTICLE 1006.10 OF THE STANDARD SPECIFICATIONS. ALL STEEL BARS SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A 123 SPECIFICATIONS.

CONCRETE USED IN CONSTRUCTION OF THE BEVELED PIPE AND GUARD SHALL BE CLASS "SI" CONCRETE.

THE CORRUGATED METAL PIPE SHALL BE CUT TO FIT THE 1:8 FORESLOPE. SLOTS SHALL BE CUT INTO THE C.M.P. FOR PLACEMENT OF THE 'B' AND 'C' BARS. AFTER THE FORESLOPE HAS BEEN PLACED, THE 'B' AND 'C' BARS SHALL BE FITTED INTO THE SLOTS CUT IN THE C.M.P. SO THEY WILL BE IN PROPER POSITION WHEN THE CONCRETE COLLAR IS POURED.

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "BEVELED PIPE AND GUARD", AS SHOWN HEREON AND AS DIRECTED BY THE ENGINEER.

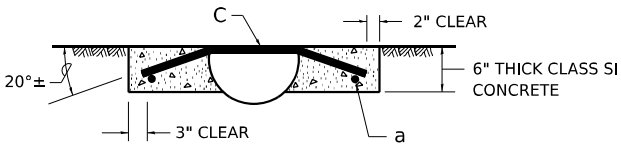
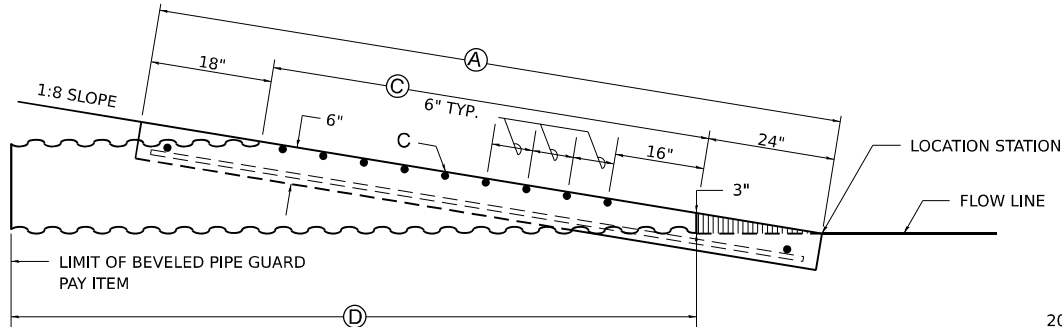
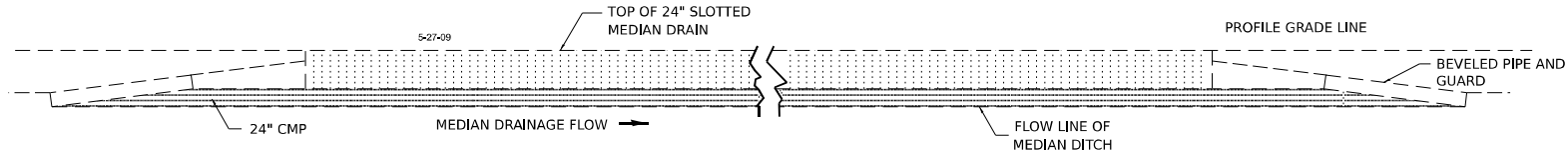


TABLE OF DIMENSIONS				
PIPE SIZE	A	B	C	D
24	17'-7 1/2"	48	14'-1 1/2"	19'



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSSOVER DETAILS - DRAINAGE
I-57

SCALE: NONE SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	55
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				

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PLOT DATE = 2/4/2025	DATE - 1/24/2025	REVISED -

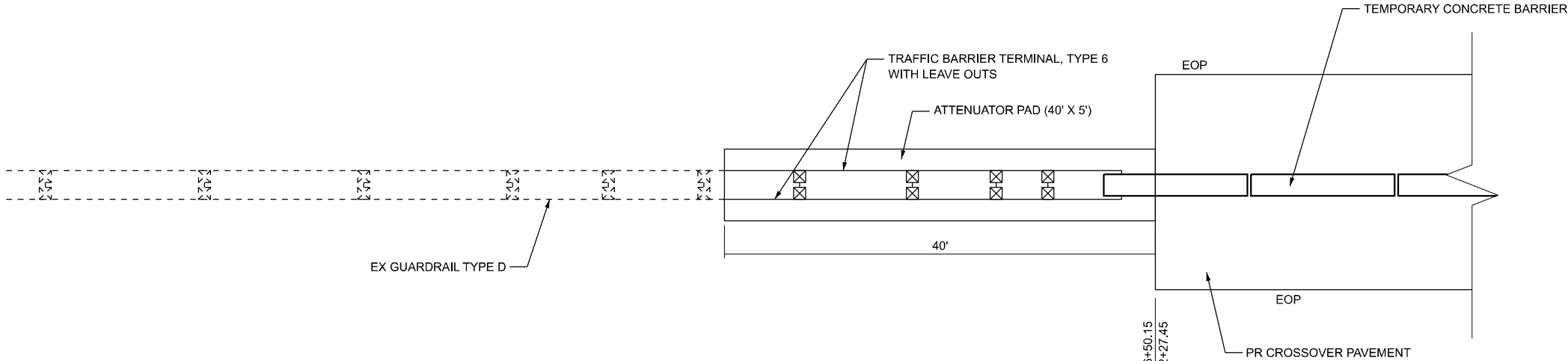
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSSOVER DETAILS - WINTER SHUTDOWN
I-57

SCALE: NONE SHEET 5 OF 5 SHEETS STA. TO STA.

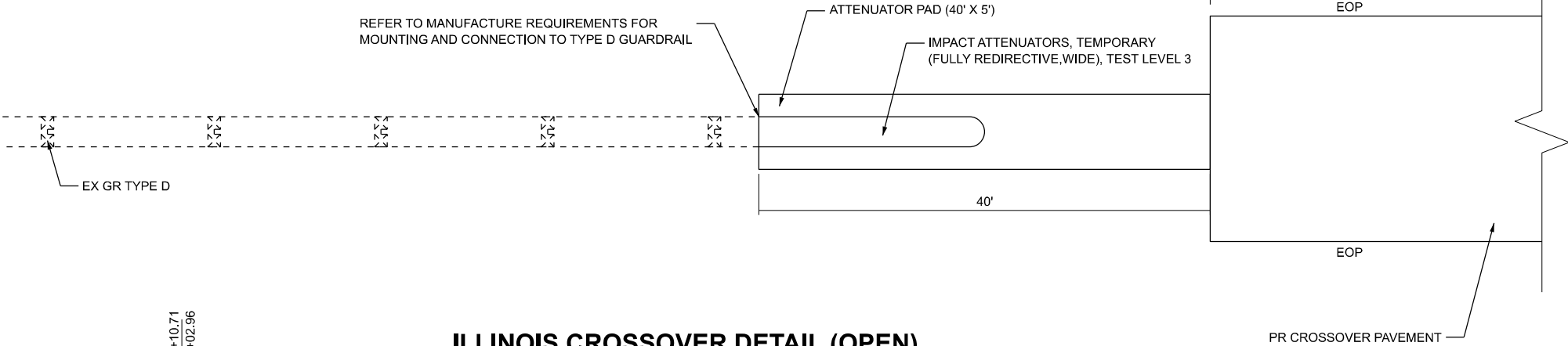
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CONTRACT NO. 78973				

ILLINOIS FED. AID PROJECT
*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO



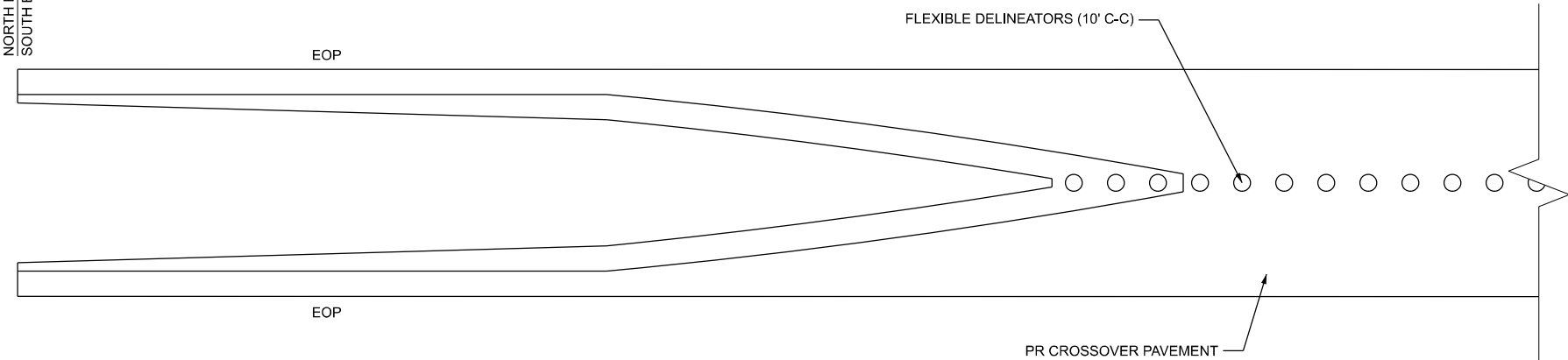
ILLINOIS CROSSOVER DETAIL (CLOSED)

(FOR USE WITH WINTER SHUTDOWN AND FINAL CONDITIONS)



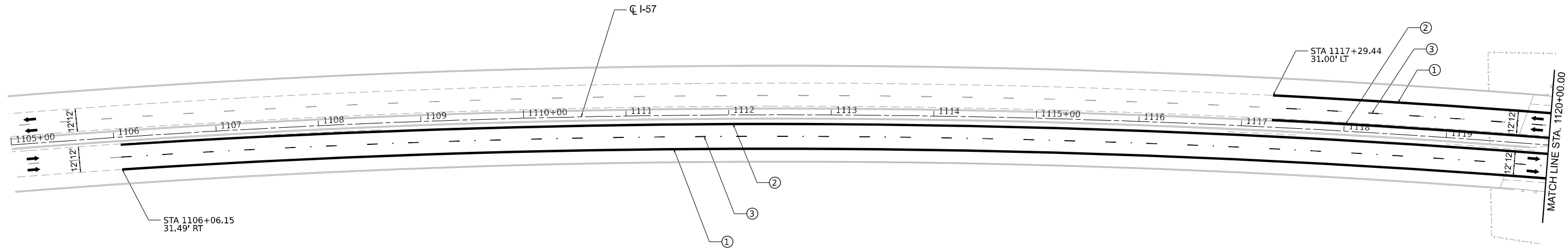
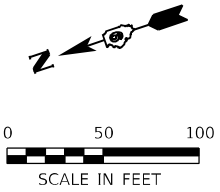
ILLINOIS CROSSOVER DETAIL (OPEN)

(FOR USE WITH STAGE I AND STAGE II)



MISSOURI CROSSOVER DETAIL (CLOSED)

(FOR USE WITH WINTER SHUTDOWN AND FINAL CONDITIONS)



LEGEND

- ➔ DIRECTION OF TRAFFIC
- ① MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID WHITE) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ② MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID YELLOW) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ③ MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SKIP-DASH WHITE) AND RAISED REFLECTIVE PAVEMENT MARKERS (SEE STANDARD 781001 FOR SPACING) & GROOVING FOR RECESSED PAVEMENT MARKING 7"

MODEL: Unnamed Plan - Plan 1 [Sheet]
FILE NAME: S:\2021\21IL060 - PTB 201-40 D9 - TWM - Various Ph ILLINOI 7-Point I-57 over Mississippi R 002-002\CADD\CADD Sheets\0978973-shr-pmk.dgn



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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

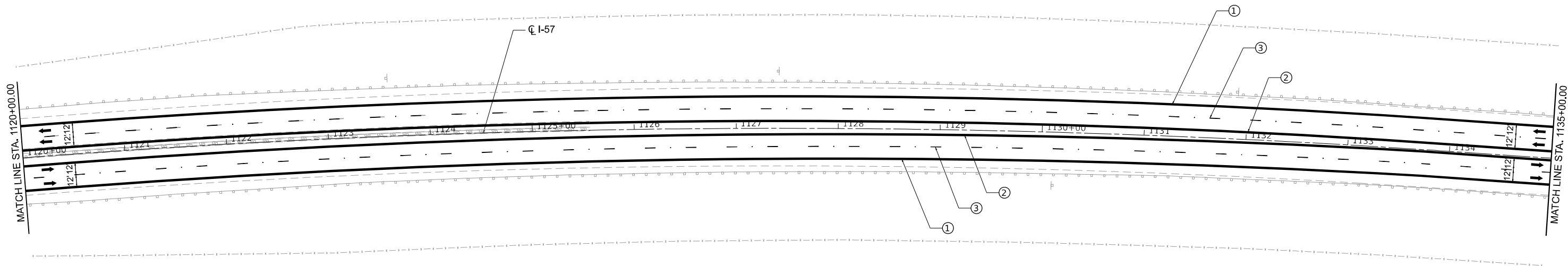
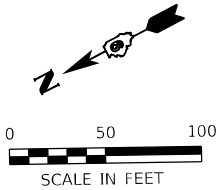
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL PAVEMENT MARKING
I-57

SCALE: 1" = 50' SHEET 1 OF 9 SHEETS STA. TO STA. 1120+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	57
CONTRACT NO. 78973				

ILLINOIS FED. AID PROJECT
*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO



LEGEND

- ➔ DIRECTION OF TRAFFIC
- ① MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID WHITE) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ② MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID YELLOW) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
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MODEL: Unnamed Plan - Plan 2 [Sheet]
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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

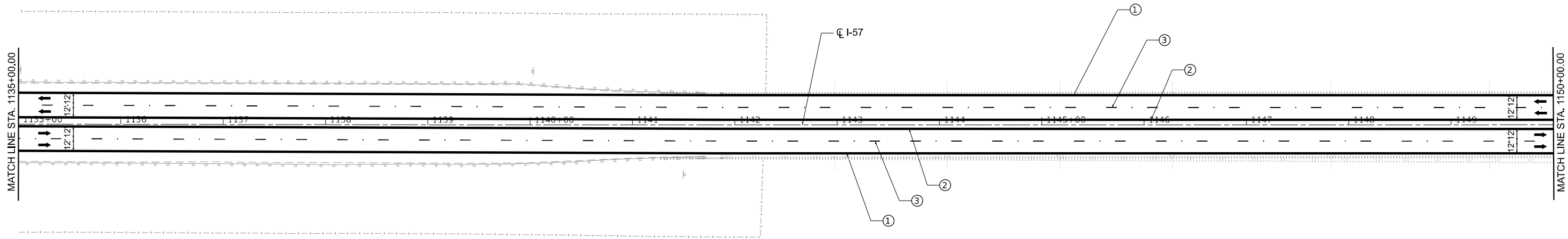
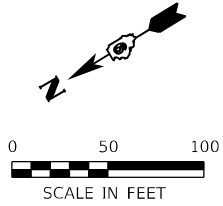
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL PAVEMENT MARKING
I-57

SCALE: 1" = 50' SHEET 2 OF 9 SHEETS STA. 1120+00.00 TO STA. 1135+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	58
CONTRACT NO. 78973				

ILLINOIS | FED. AID PROJECT
*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO



LEGEND

- ➔ DIRECTION OF TRAFFIC
- ① MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID WHITE) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ② MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID YELLOW) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ③ MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SKIP-DASH WHITE) AND RAISED REFLECTIVE PAVEMENT MARKERS (SEE STANDARD 781001 FOR SPACING) & GROOVING FOR RECESSED PAVEMENT MARKING 7"

MODEL: Unnamed Plan - Plan 3 [Sheet]
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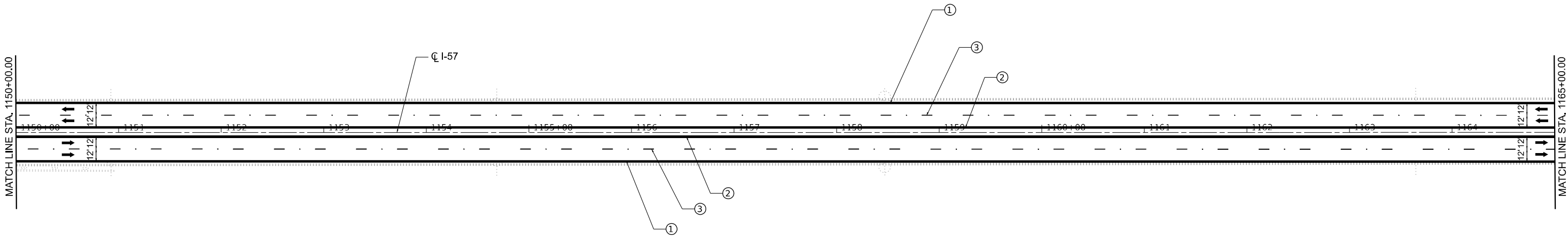
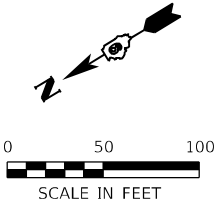
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL PAVEMENT MARKING
I-57

SCALE: 1" = 50' SHEET 3 OF 9 SHEETS STA. 1135+00.00 TO STA. 1150+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	59
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				

*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO

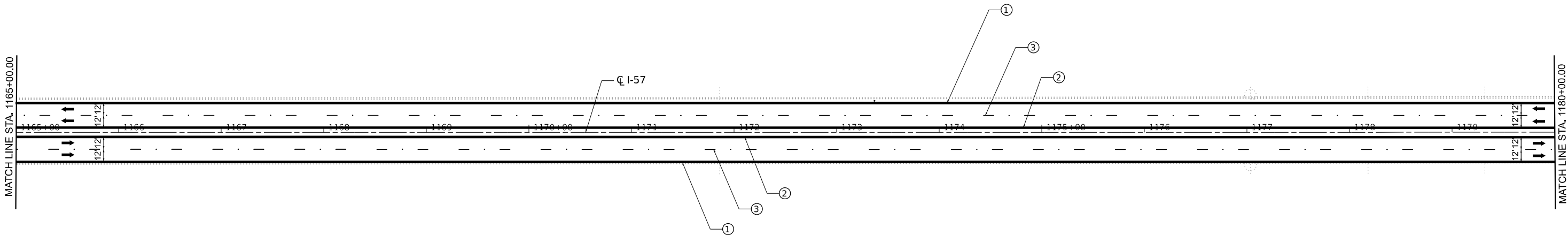
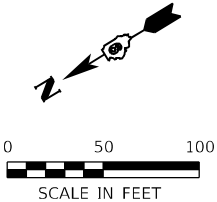


LEGEND

- DIRECTION OF TRAFFIC
- ① MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID WHITE) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ② MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID YELLOW) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ③ MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SKIP-DASH WHITE) AND RAISED REFLECTIVE PAVEMENT MARKERS (SEE STANDARD 781001 FOR SPACING) & GROOVING FOR RECESSED PAVEMENT MARKING 7"

MODEL: Unnamed Plan - Plan 4 [Sheet]
FILE NAME: S:\2023\12\11\060 - FTB 203-40 D9 - TWM - Various Ph I-57 over Mississippi R 002-002\CADD\CADD Sheets\0978973-sht-0mk.dgn

	USER NAME = smaxwell	DESIGNED - TO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FINAL PAVEMENT MARKING I-57			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666633" / in.	DRAWN - TO	REVISED -					57	(02-1B-1)BP-1	*	104	60
	PLOT DATE = 2/4/2025	CHECKED - SM	REVISED -		SCALE: 1" = 50'			CONTRACT NO. 78973				
		DATE - 1/24/2025	REVISED -		SHEET 4	OF 9 SHEETS	STA. 1150+00.00 TO STA. 1165+00.00	ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				



LEGEND

- DIRECTION OF TRAFFIC
- ① MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID WHITE) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ② MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID YELLOW) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
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MODEL: Unnamed Plan - Plan 5 [Sheet]
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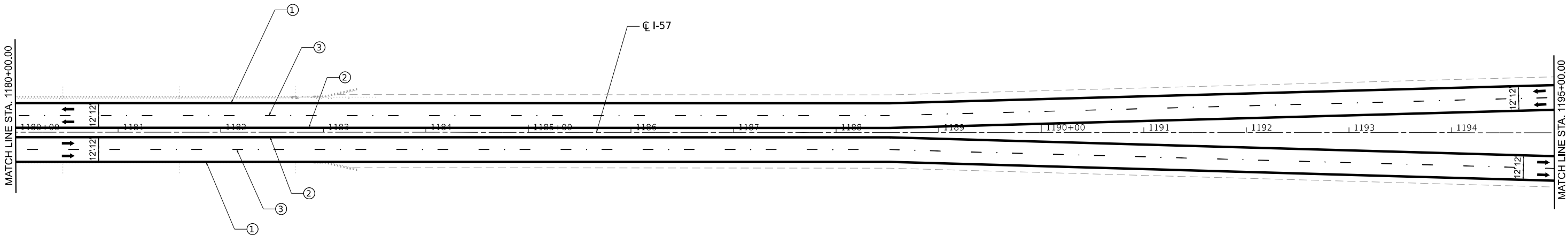
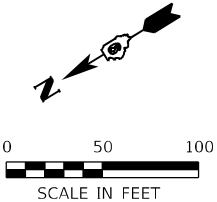
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL PAVEMENT MARKING
I-57

SCALE: 1" = 50' SHEET 5 OF 9 SHEETS STA. 1165+00.00 TO STA. 1180+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	61
CONTRACT NO. 78973				

ILLINOIS | FED. AID PROJECT
*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO



LEGEND

- DIRECTION OF TRAFFIC
- ① MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID WHITE) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ② MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID YELLOW) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ③ MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SKIP-DASH WHITE) AND RAISED REFLECTIVE PAVEMENT MARKERS (SEE STANDARD 781001 FOR SPACING) & GROOVING FOR RECESSED PAVEMENT MARKING 7"

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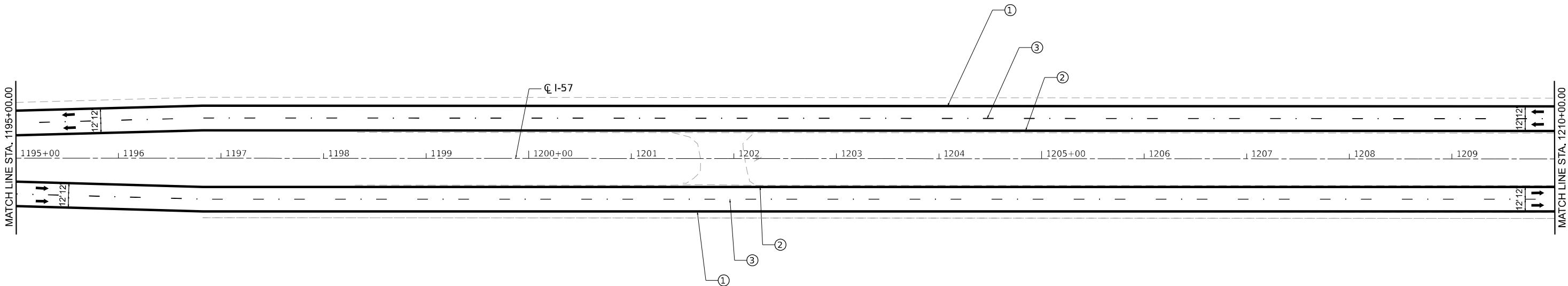
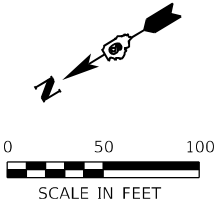
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL PAVEMENT MARKING
I-57

SCALE: 1" = 50' SHEET 6 OF 9 SHEETS STA. 1180+00.00 TO STA. 1195+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	62
CONTRACT NO. 78973				

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LEGEND

- DIRECTION OF TRAFFIC
- ① MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID WHITE) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ② MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID YELLOW) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ③ MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SKIP-DASH WHITE) AND RAISED REFLECTIVE PAVEMENT MARKERS (SEE STANDARD 781001 FOR SPACING) & GROOVING FOR RECESSED PAVEMENT MARKING 7"

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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

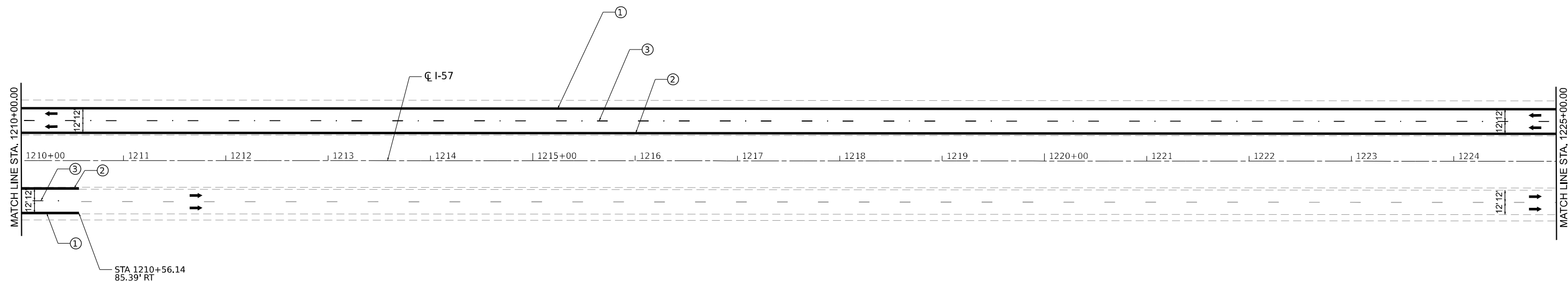
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL PAVEMENT MARKING
I-57

SCALE: 1" = 50' SHEET 7 OF 9 SHEETS STA. 1195+00.00 TO STA. 1210+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	63
CONTRACT NO. 78973				

ILLINOIS | FED. AID PROJECT
*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO



LEGEND

-  DIRECTION OF TRAFFIC

 - ① MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID WHITE) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
 - ② MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID YELLOW) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
 - ③ MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SKIP-DASH WHITE) AND RAISED REFLECTIVE PAVEMENT MARKERS (SEE STANDARD 781001 FOR SPACING) & GROOVING FOR RECESSED PAVEMENT MARKING 7"



QUIGG ENGINEERING INC

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PLOT DATE = 2/7/2025	DATE = 1/24/2025	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FINAL PAVEMENT MARKING

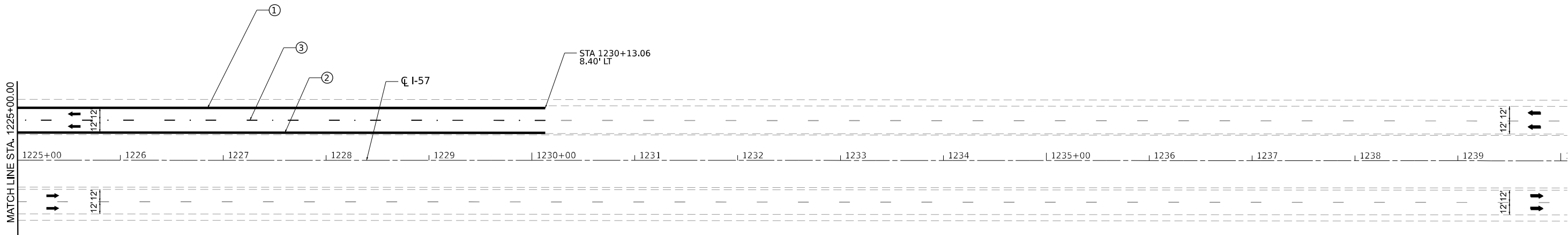
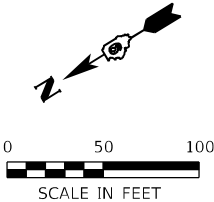
I-57

SCALE: 1" = 50'	SHEET 8	OF 9	SHEETS	STA. 1210+00.00	TO STA. 1225+00.00
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	64
		CONTRACT NO. 78973		
ILLINOIS		FED. AID PROJECT		

ILLINOIS	FED. AID PROJECT
*ALEXANDER COUNTY IL MISSISSIPPI COUNTY MO	

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LEGEND

- DIRECTION OF TRAFFIC
- ① MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID WHITE) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ② MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SOLID YELLOW) & GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ③ MODIFIED URETHANE PAVEMENT MARKING, LINE 6" (SKIP-DASH WHITE) AND RAISED REFLECTIVE PAVEMENT MARKERS (SEE STANDARD 781001 FOR SPACING) & GROOVING FOR RECESSED PAVEMENT MARKING 7"

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QUIGG ENGINEERING INC

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	DRAWN - TO	REVISED -
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PLOT DATE = 2/7/2025	DATE - 1/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

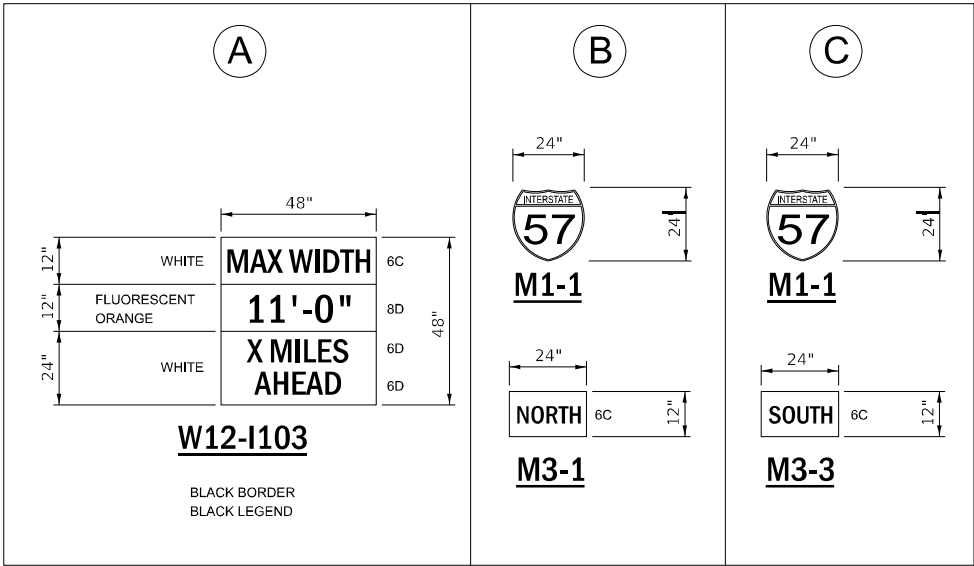
FINAL PAVEMENT MARKING
I-57

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	65
CONTRACT NO. 78973				

ILLINOIS | FED. AID PROJECT
*ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO

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WIDTH RESTRICTION SIGNS

NOTES

MAX WIDTHS SHALL BE 11'-0" IN ALL CONDITIONS

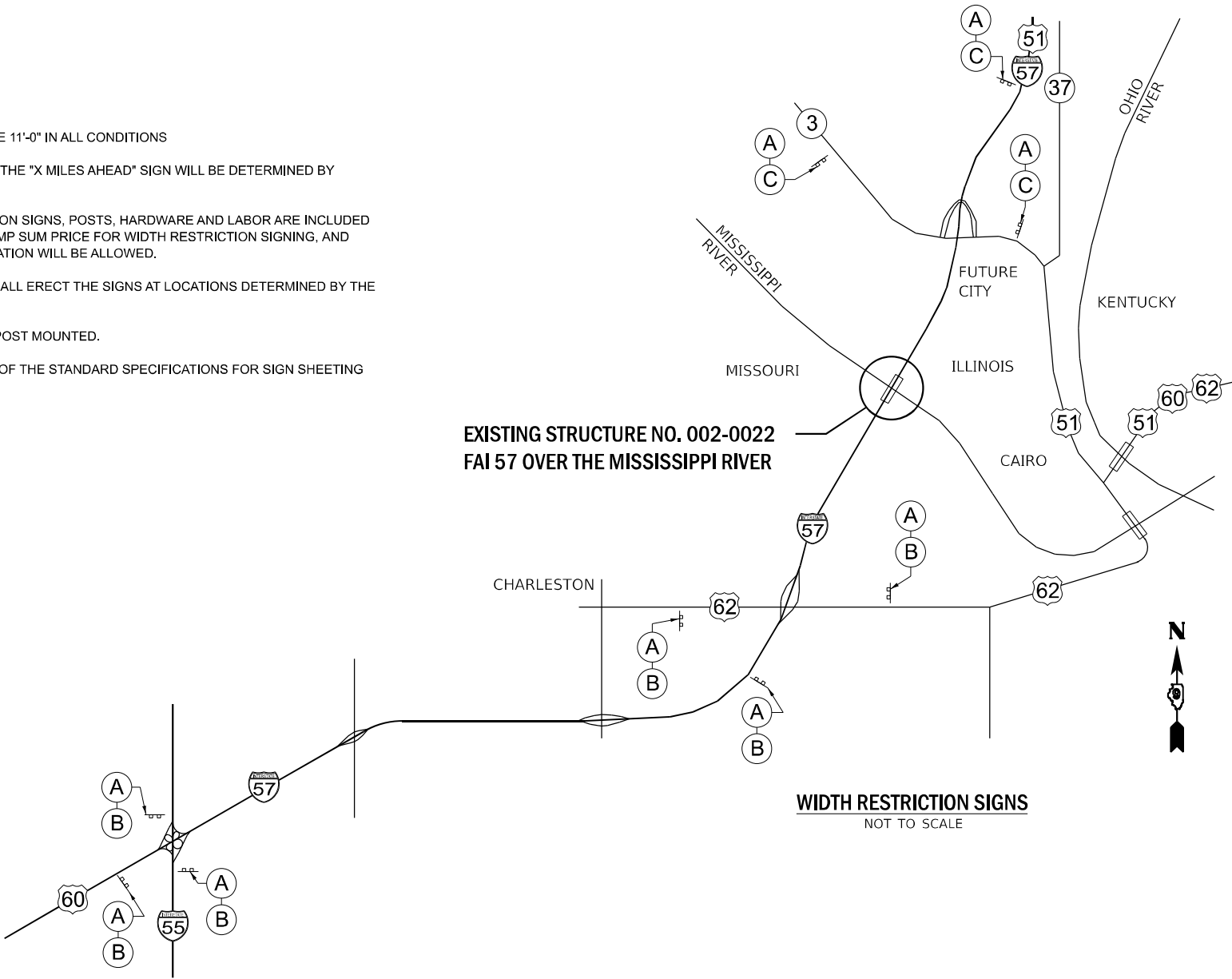
THE DISTANCE "X" ON THE "X MILES AHEAD" SIGN WILL BE DETERMINED BY THE ENGINEER.

ALL WIDTH RESTRICTION SIGNS, POSTS, HARDWARE AND LABOR ARE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR WIDTH RESTRICTION SIGNING, AND NO OTHER COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR SHALL ERECT THE SIGNS AT LOCATIONS DETERMINED BY THE ENGINEER.

ALL SIGNS SHALL BE POST MOUNTED.

SEE SECTION 1106.01 OF THE STANDARD SPECIFICATIONS FOR SIGN SHEETING REQUIREMENTS.



QUIGG ENGINEERING INC

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WIDTH RESTRICTION SIGNING
I-57

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	66
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT *ALEXANDER COUNTY IL, MISSISSIPPI COUNTY MO				

Traffic to be maintained using stage construction.

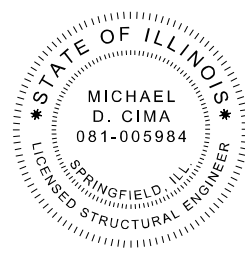
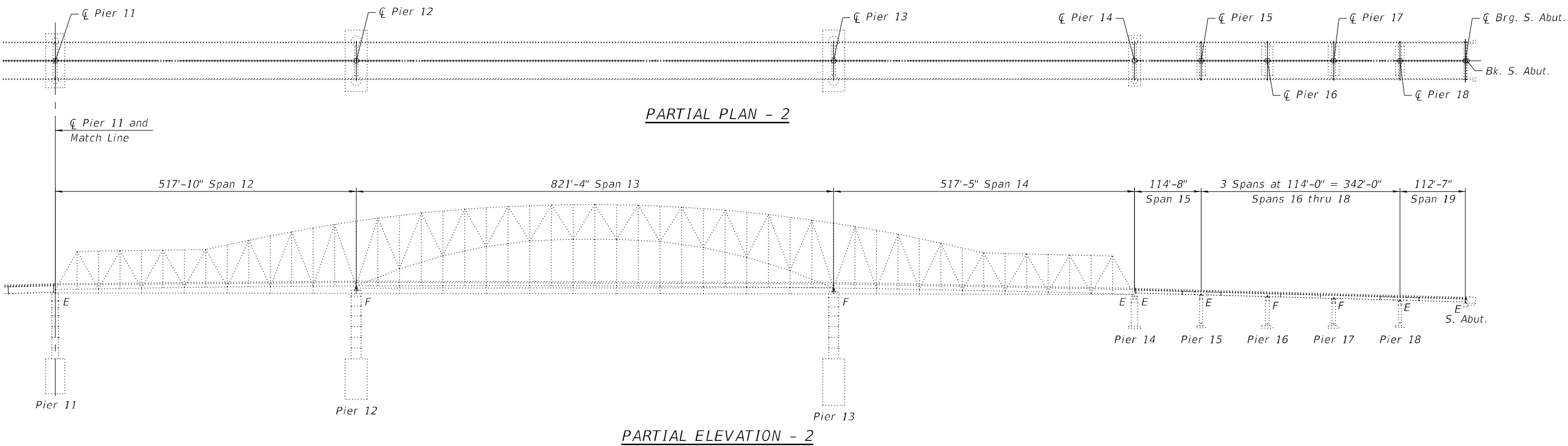
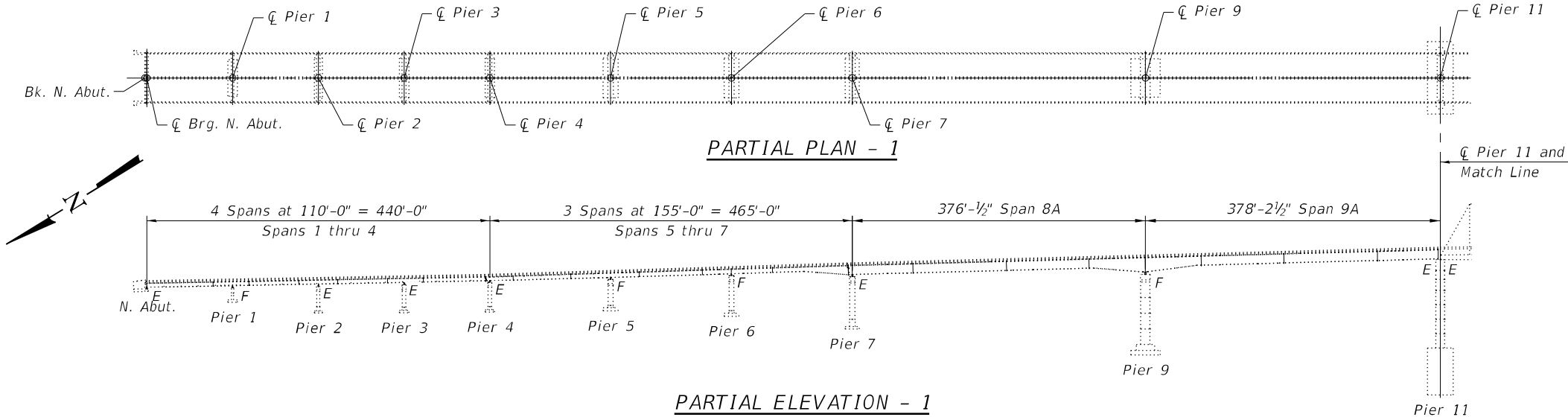
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SCOPE OF WORK

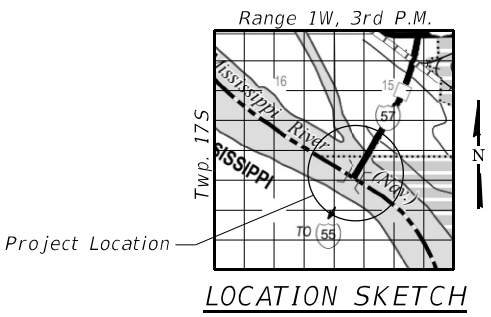
Cleaning and painting steel.
See General Notes and Special
Provisions for details.

INDEX OF SHEETS

1. General Plan and Elevation
2. General Data
3. Stage Construction Details
4. Temporary Concrete Barrier
- 5-38. Existing Bridge Plans



Michael D. Cima 1/22/2025
Michael D. Cima, Illinois S.E. 081-005984 Date
Expires 11/30/2026



GENERAL PLAN AND ELEVATION
I-57 OVER MISSISSIPPI RIVER (PUBLIC WATER)
F.A.I. ROUTE 57 - SECTION (02-1B-1)BP-1
ALEXANDER (IL) AND MISSISSIPPI (MO) COUNTIES
STRUCTURE NO. 002-0022

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 QUIGG ENGINEERING INC.	USER NAME = zdavidson	DESIGNED - ZLD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION STRUCTURE NO. 002-0022	SHEET 1 OF 38 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE =	CHECKED - MDC	REVISED -				ILLINOIS FED. AID PROJECT				

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* Alexander County, IL, Mississippi County, MO

GENERAL NOTES

Plan dimensions and details relative to the existing structure have been taken from existing plans are subject to nominal construction variations. The Contactor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

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

The Contractor shall submit calculations and details demonstrating the structural integrity of the bridge is maintained under the additional imposed loads of the containment system. See special provisions.

SSPC QP1 (and QP2) Contractor Certification is required for this Contract.

The Contractor is advised that navigational illumination is present on this structure. All cable or conduit is to remain in service. Any cable or conduit which is damaged as a result of the Contractor's operations shall be replaced by the Contractor at the Contractor's expense. Replacement material and methods shall meet or exceed the original specifications for the wiring. Splicing will not be permitted.

The Contractor shall submit to the Illinois Department of Transportation a work plan that includes a work schedule and containment details for each painting location over water. No work will be permitted prior to approval of the plan by the United States Coast Guard. For questions about the Coast Guard requirements, contact Mr. Eric Washburn, Commander, Eighth Coast Guard District, 1222 Spruce Street, St. Louis, Missouri, 63103; telephone (571) 607-2270.

The temporary concrete barrier shall not be pinned to the existing bridge deck.

Cleaning and painting of the existing structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". The structural steel shall be cleaned as follows:

- 1. All areas 1 ft above the top of the bridge parapet shall be cleaned using Commercial Grade Power Tool Cleaning (SSPC SP-15).
- 2. All areas below the line 1 ft above the top of the bridge parapet shall be cleaned to Near White Blasting (SSPC SP-10).

These areas shall be painted according to the requirements of Painting System 1 OZ/E/U. The color of the final finish coat for truss members and fascia beams shall be Interstate Green, Munsell No. 7.5G 4/8. The interior girders and interior vertical faces of the fascia girders beneath the bridge shall be painted Grey Munsell No. 5B 7/1.

All structural steel on the bridge will be painted.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Containment and Disposal of Lead Paint Cleaning Residues No. 1	L Sum	1	-	1
Cleaning and Painting Steel Bridge No. 1	L Sum	1	-	1
Bridge Cleaning and Painting Warranty	L Sum	1	-	1

CONSTRUCTION REQUIREMENTS

Current Rating Ratios on File for Existing Structure
Inventory: HS 0.87
Operating: HS 1.45
Live Load Restrictions: None

- 1. Inventory and Operating Ratings and Live Load Restrictions are provided for information only. Inventory and Operating Ratings are based on HS loading and configuration. Live Load Restrictions are based on Illinois legal loads and configurations. The Ratings and Live Load Restrictions are not necessarily representative of capacities to support the Contractor's equipment.
- 2. The Contractor is advised that the existing structure contains members that are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the existing structure when developing construction procedures for the proposed work on the structure. An Existing Structure information Package is available upon request as noted in the special provisions.
- 3. The Contractor shall retain the services of an engineering firm, prequalified in the IDOT consultant selection category of Major River Bridges, for preparation of the Structural Assessment Report(s). Contractor's pre-approval shall not be applicable for this project. See Special Provision.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 002-0022

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	68
CONTRACT NO. 78973				
		ILLINOIS	FED. AID PROJECT	

SHEET 2 OF 38 SHEETS

* Alexander County, IL, Mississippi County, MO

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QUIGG ENGINEERING INC

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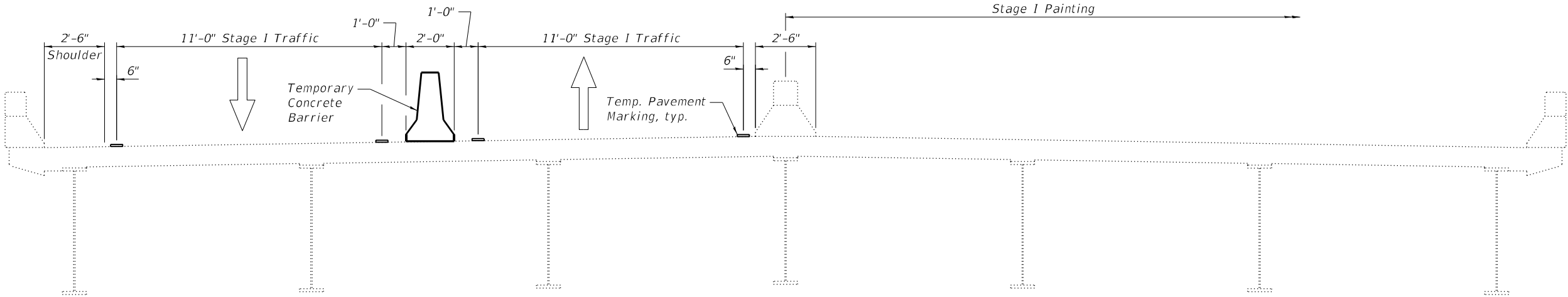
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 002-0022

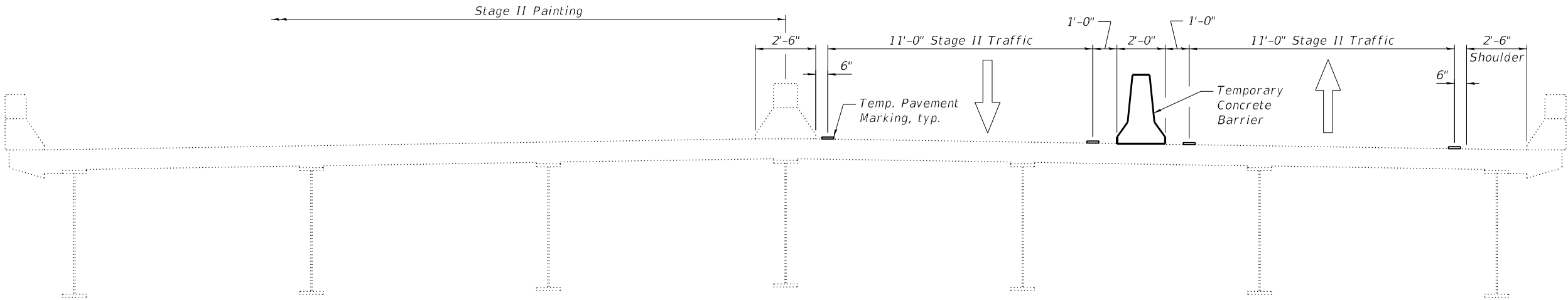
SHEET 3 OF 38 SHEETS

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CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				

* Alexander County, IL, Mississippi County, MO

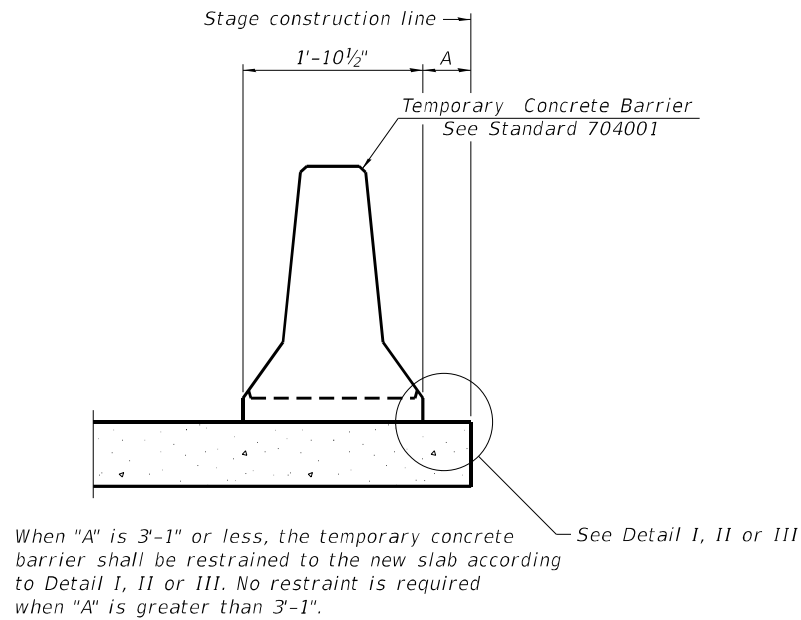


STAGE I PAINTING
(Looking South)

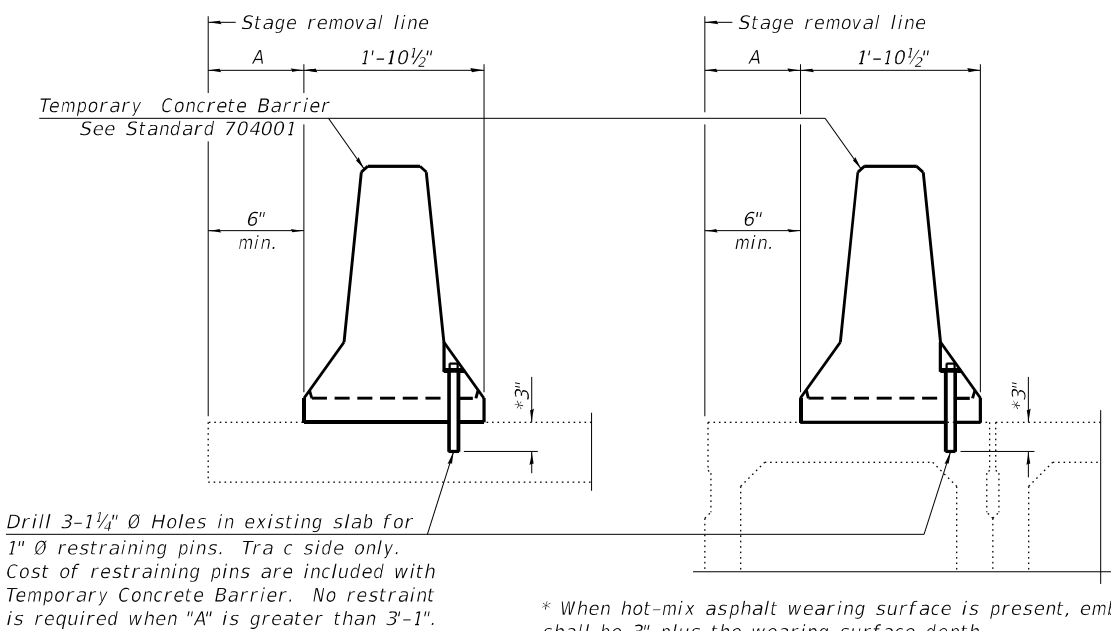


STAGE II PAINTING
(Looking South)

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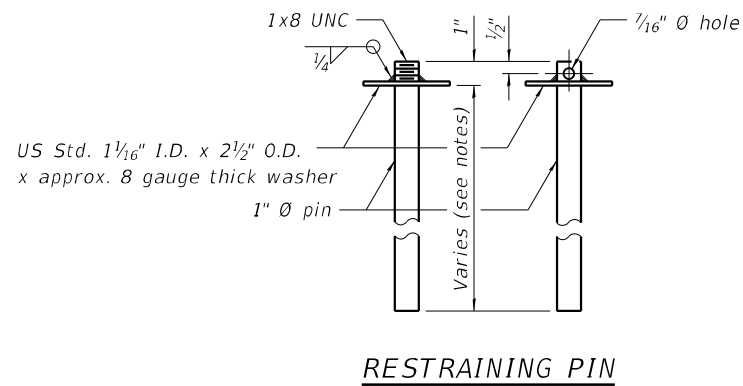


NEW SLAB OR NEW DECK BEAM



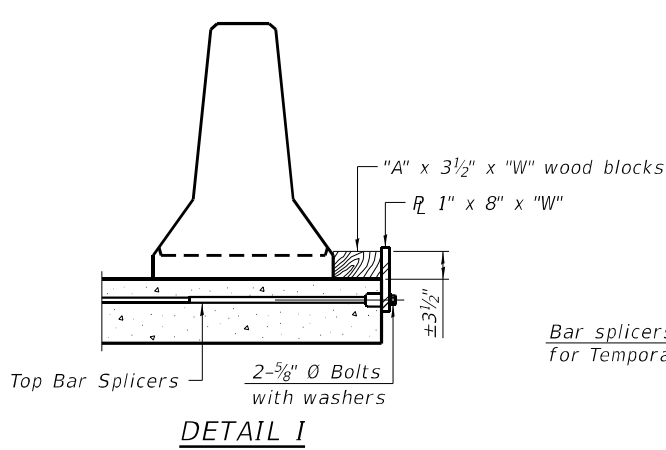
EXISTING SLAB

EXISTING DECK BEAM

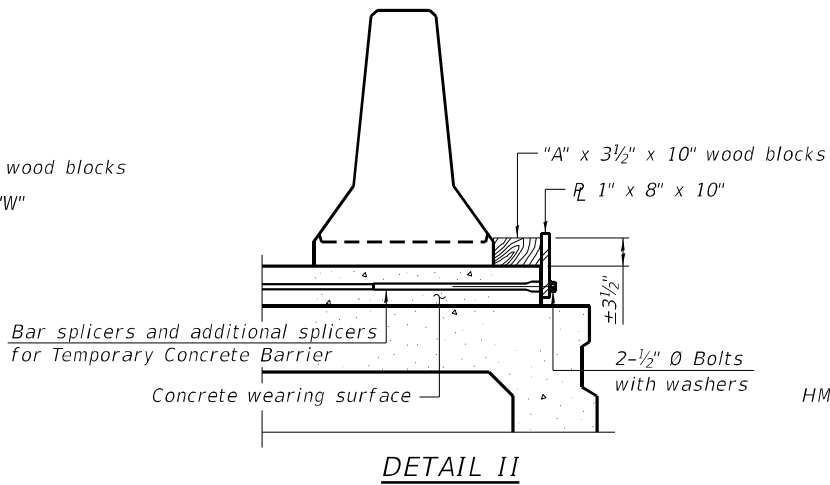


RESTRAINING PIN

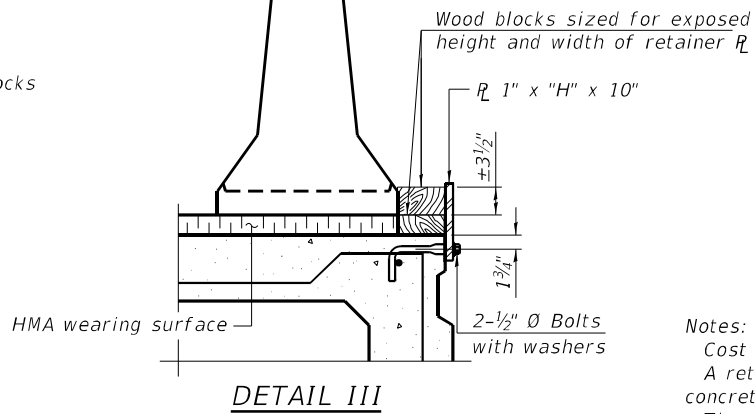
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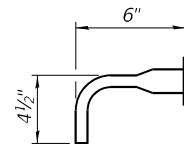
DETAIL I



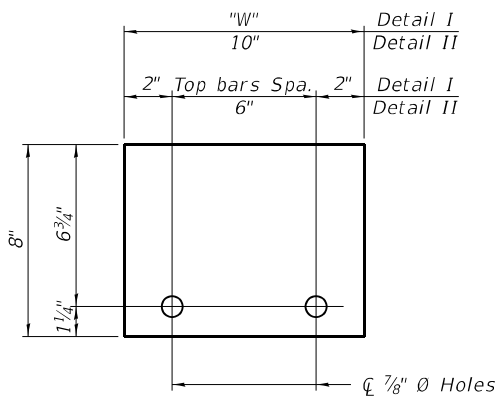
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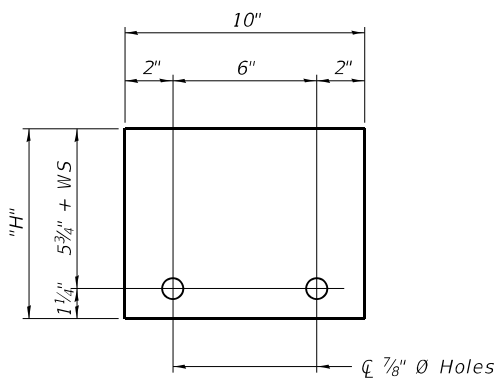
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER 1" x 8" x "W"
(Detail I and II)



STEEL RETAINER 1" x "H" x 10"
(Detail III)

Notes:
Cost of retainer assembly is included with Temporary Concrete Barrier.
A retainer assembly shall be located at the approximate $\bar{C}$ of each temporary concrete barrier.
The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
When the 'A' dimension is less than 1 1/2", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.

Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.

Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

RAILING CRITERIA

NCHRP 350 Test Level	3
Railing Weight (plf)	440

R-27 10-12-2021



QUIGG ENGINEERING INC

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CONCRETE BARRIER
STRUCTURE NO. 002-0022

SHEET \$S004 OF \$ST0SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	70
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
* Alexander County, IL, Mississippi County, MO				

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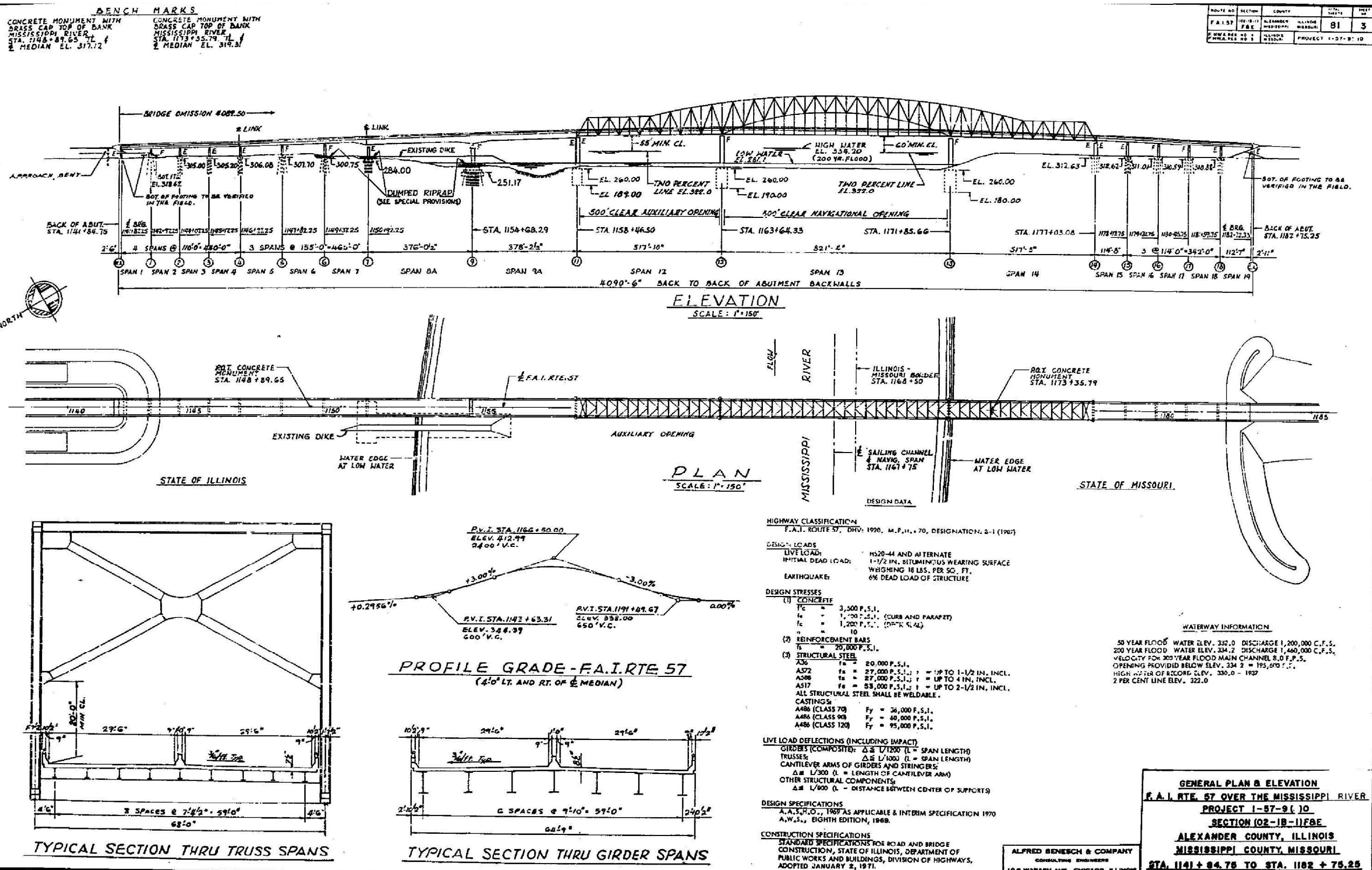
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DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

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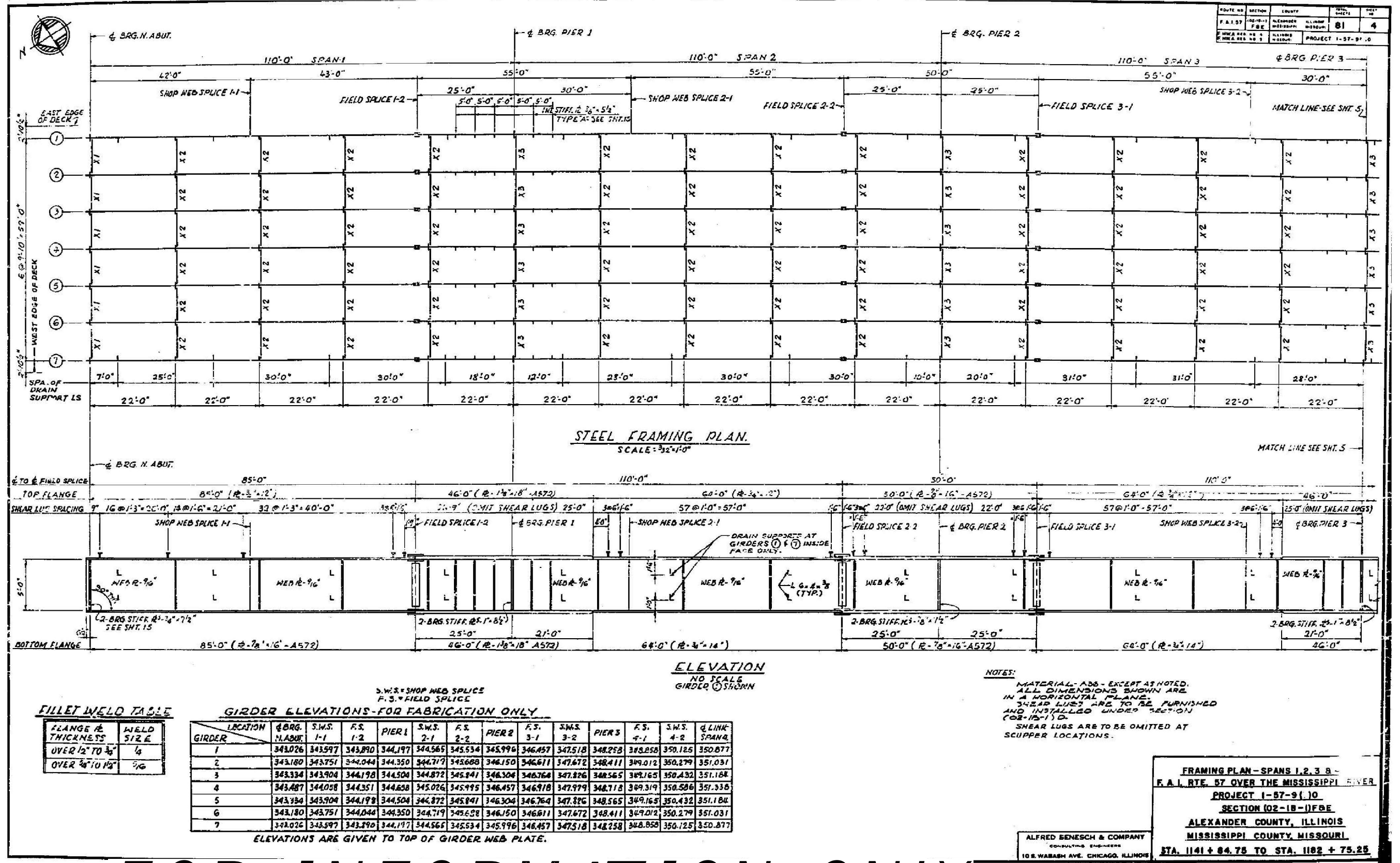
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CONTRACT NO. 78973				

ILLINOIS FED. AID PROJECT
* Alexander County, IL, Mississippi County, MO



FOR INFORMATION ONLY

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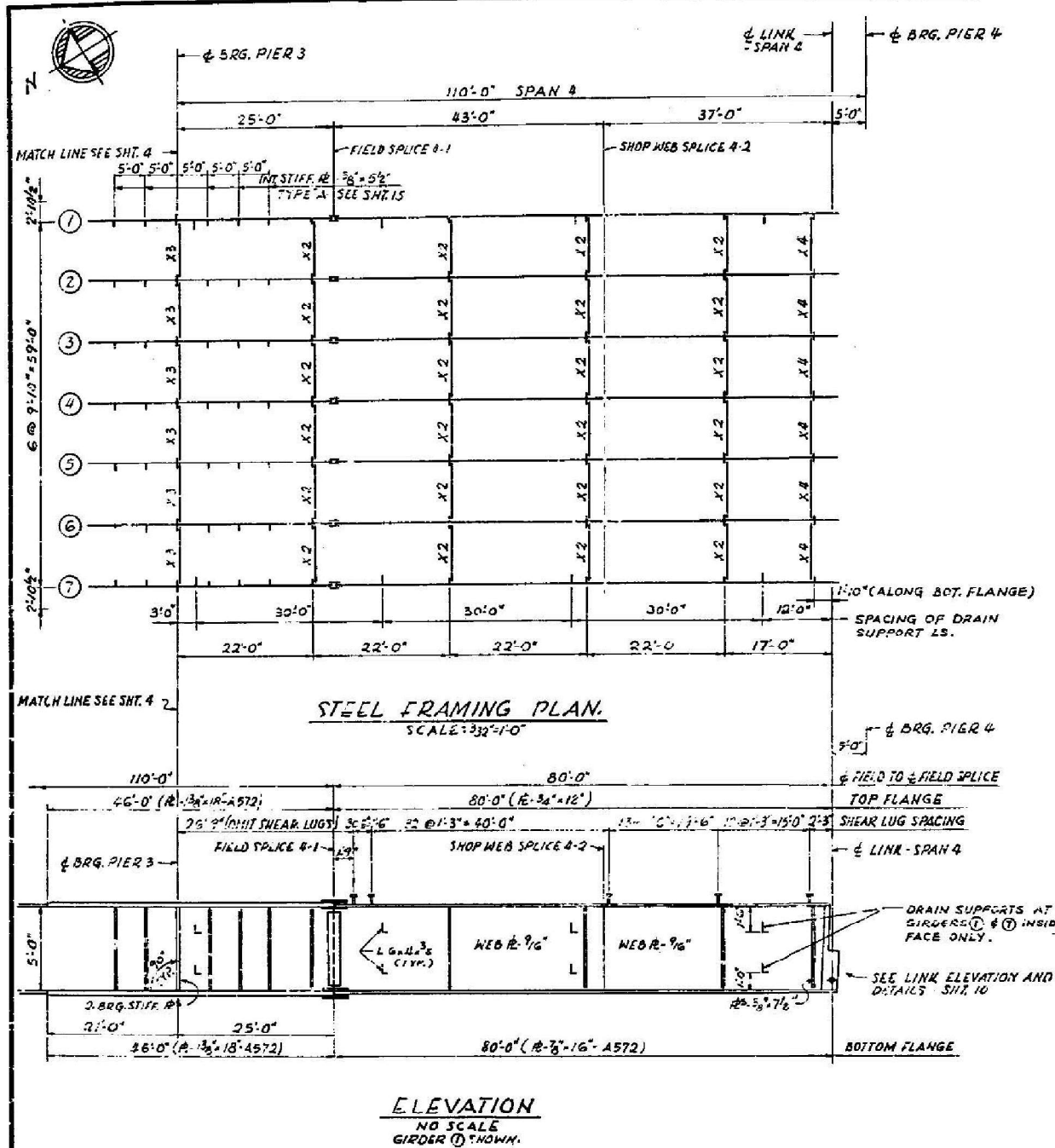
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET 55007 OF 55007 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	73
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
* Alexander County, IL, Mississippi County, MO				



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RTE. 57	(02-1B-1)BP-1	ALEXANDER MISSOURI	81	5
ILLINOIS	MISSOURI	PROJECT 1-57-9	0	

FRAMING PLAN - SPANS 1, 2, & 3
F.A.I. RTE. 57 OVER THE MISSISSIPPI RIVER
PROJECT 1-57-9(10)
SECTION (02-1B-1)BP-1
ALEXANDER COUNTY, ILLINOIS
MISSISSIPPI COUNTY, MISSOURI
STA. 1141 + 64.75 TO STA. 1182 + 75.25

FOR INFORMATION ONLY

DATE	SECTION	QUANTITY	TOTAL	UNIT
P.A. 1-57	100-10-1	100-10-1	100-10-1	100-10-1
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P.A. 3-57	3-57	3-57	3-57	3-57
P.A. 4-57	4-57	4-57	4-57	4-57
P.A. 5-57	5-57	5-57	5-57	5-57
P.A. 6-57	6-57	6-57	6-57	6-57
P.A. 7-57	7-57	7-57	7-57	7-57
P.A. 8-57	8-57	8-57	8-57	8-57
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P.A. 15-57	15-57	15-57	15-57	15-57
P.A. 16-57	16-57	16-57	16-57	16-57
P.A. 17-57	17-57	17-57	17-57	17-57
P.A. 18-57	18-57	18-57	18-57	18-57
P.A. 19-57	19-57	19-57	19-57	19-57
P.A. 20-57	20-57	20-57	20-57	20-57
P.A. 21-57	21-57	21-57	21-57	21-57
P.A. 22-57	22-57	22-57	22-57	22-57
P.A. 23-57	23-57	23-57	23-57	23-57
P.A. 24-57	24-57	24-57	24-57	24-57
P.A. 25-57	25-57	25-57	25-57	25-57
P.A. 26-57	26-57	26-57	26-57	26-57
P.A. 27-57	27-57	27-57	27-57	27-57
P.A. 28-57	28-57	28-57	28-57	28-57
P.A. 29-57	29-57	29-57	29-57	29-57
P.A. 30-57	30-57	30-57	30-57	30-57
P.A. 31-57	31-57	31-57	31-57	31-57
P.A. 32-57	32-57	32-57	32-57	32-57
P.A. 33-57	33-57	33-57	33-57	33-57
P.A. 34-57	34-57	34-57	34-57	34-57
P.A. 35-57	35-57	35-57	35-57	35-57
P.A. 36-57	36-57	36-57	36-57	36-57
P.A. 37-57	37-57	37-57	37-57	37-57
P.A. 38-57	38-57	38-57	38-57	38-57
P.A. 39-57	39-57	39-57	39-57	39-57
P.A. 40-57	40-57	40-57	40-57	40-57
P.A. 41-57	41-57	41-57	41-57	41-57
P.A. 42-57	42-57	42-57	42-57	42-57
P.A. 43-57	43-57	43-57	43-57	43-57
P.A. 44-57	44-57	44-57	44-57	44-57
P.A. 45-57	45-57	45-57	45-57	45-57
P.A. 46-57	46-57	46-57	46-57	46-57
P.A. 47-57	47-57	47-57	47-57	47-57
P.A. 48-57	48-57	48-57	48-57	48-57
P.A. 49-57	49-57	49-57	49-57	49-57
P.A. 50-57	50-57	50-57	50-57	50-57
P.A. 51-57	51-57	51-57	51-57	51-57
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P.A. 57-57	57-57	57-57	57-57	57-57
P.A. 58-57	58-57	58-57	58-57	58-57
P.A. 59-57	59-57	59-57	59-57	59-57
P.A. 60-57	60-57	60-57	60-57	60-57
P.A. 61-57	61-57	61-57		

The diagram illustrates the steel framing plan for a bridge deck. It features a central span of 155'-0" (SPAN 5) flanked by two 155'-0" spans (SPAN 4 and SPAN 6). The bridge is supported by four barge piers (BRG. PIER 4, BRG. PIER 5, and BRG. PIER 6). The plan includes detailed dimensions for various components: spans (58'-0", 46'-0", 36'-0", 15'-0", 37'-0", 39'-0", 42'-0", 37'-0"), piers (5'-0", 5'-0",

[illegible]

FILLET WELD TABLE

NOTES

MATERIAL - A36 - EXCEPT AS NOTED.
ALL DIMENSIONS SHOWN ARE IN A
HORIZONTAL PLANE.
SHEAR LUGS ARE TO BE FURNISHED AND
INSTALLED UNDER SECTION (08-1B-1) O.
SHEAR LUGS ARE TO BE OMITTED AT SCUPPER
LOCATIONS.

FRAMING PLAN- SPANS 5, 6 AND 7
F.A.I. RTE. 57 OVER THE MISSISSIPPI RIVER
PROJECT 1-57-9(10)
SECTION 102-18-1100E
ALEXANDER COUNTY, ILLINOIS
MISSISSIPPI COUNTY, MISSOURI
STA. 1141 + 84.75 TO STA. 1182 + 75.25

FOR INFORMATION ONLY

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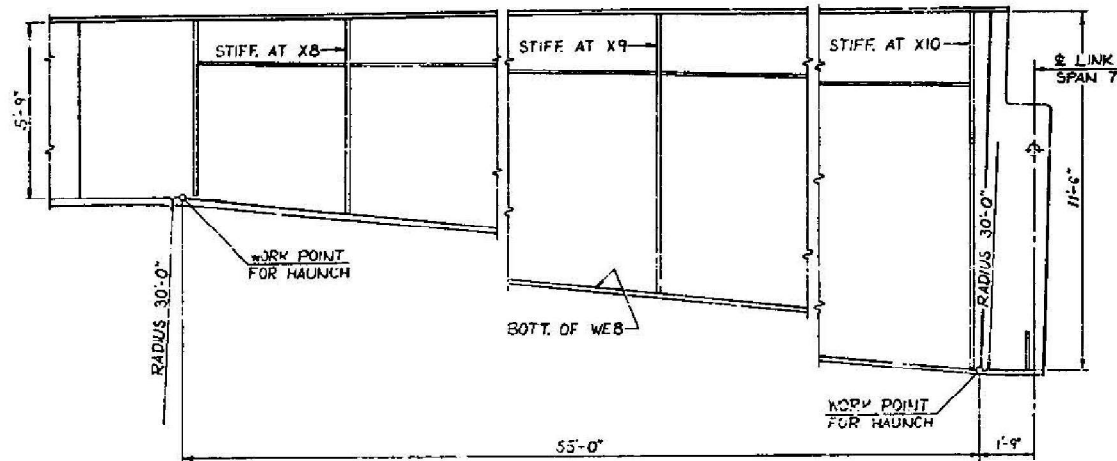
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

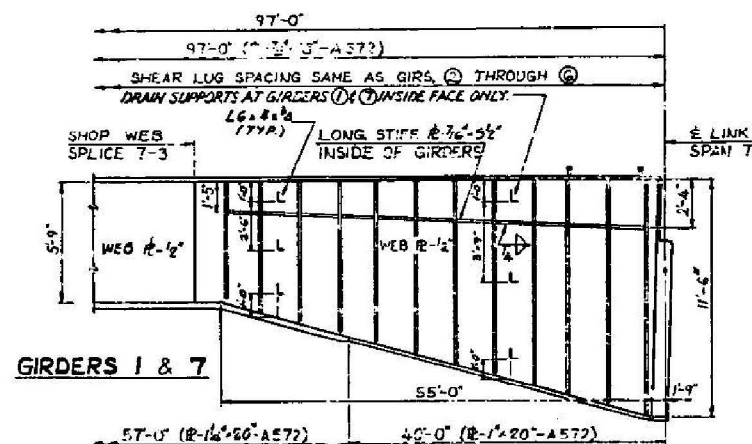
EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET \$S009 OF \$S0TSHEETS

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57	(02-1B-1)BP-1	*	104	75
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
* Alexander County, IL, Mississippi County, MO				



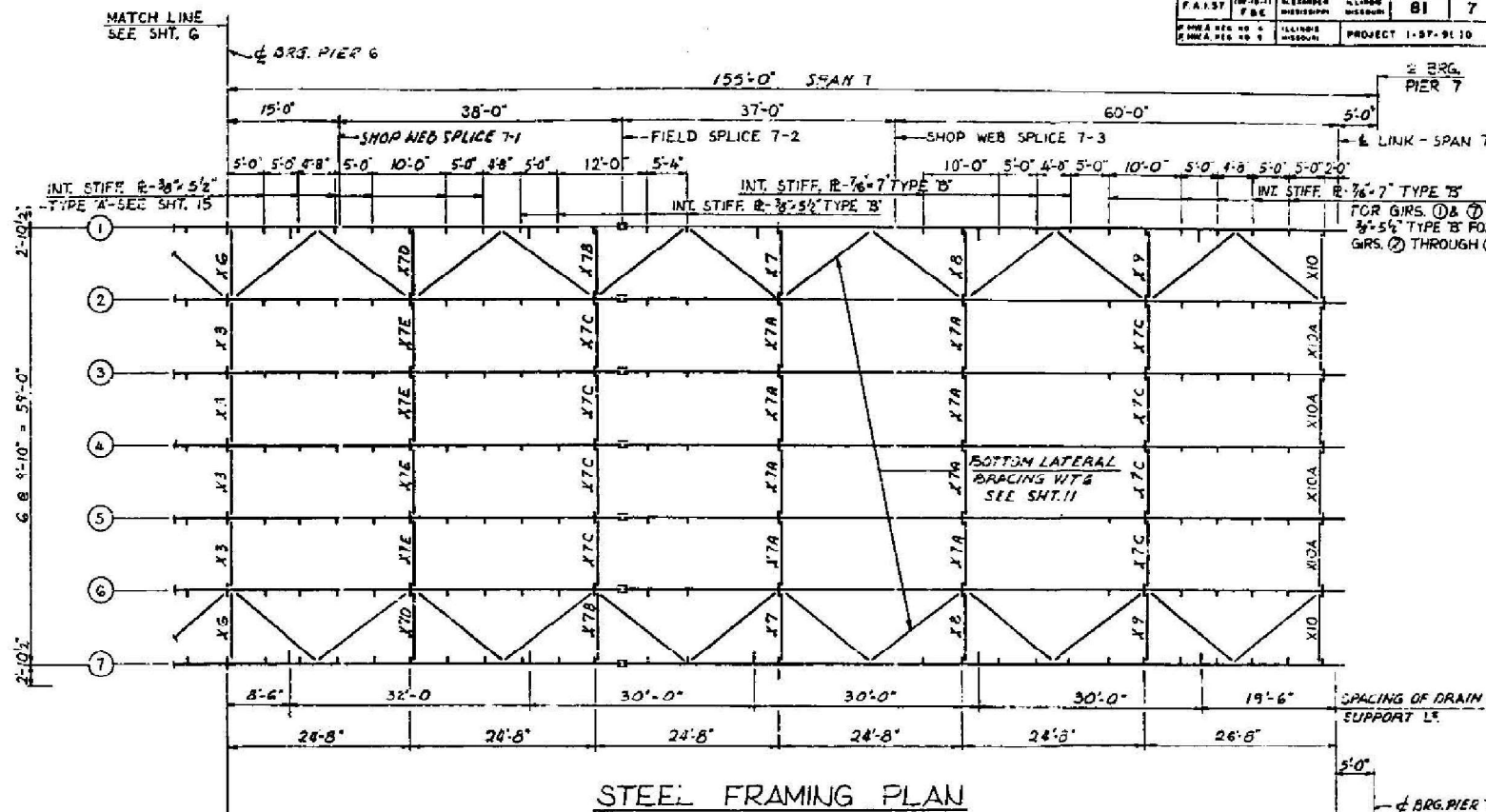
DETAIL OF HAUNCH
FOR GIRDERS 1 & 7 ONLY



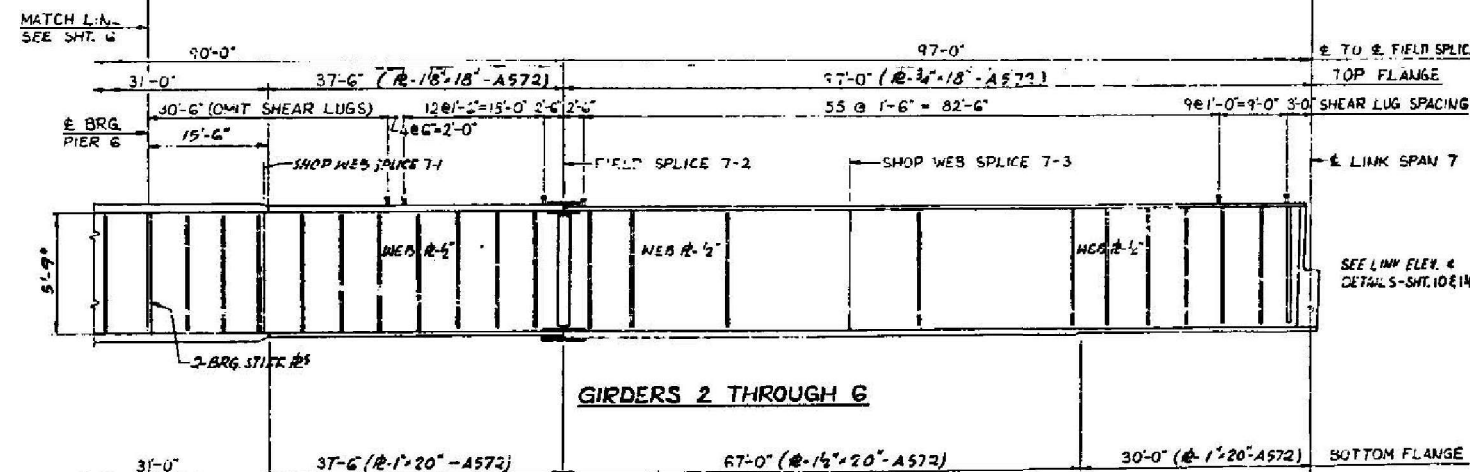
GIRDERS 1 & 7

GIRDER ELEVATIONS-FOR FABRICATION ONLY														S.W.S.=SHOP WEB SPLICE F.S.=FIELD SPLICE	
GIRDER	LOCATION	LINK-SPAN 4	PIER 4	S.W.S. 5-1	F.S. 5-2	S.W.S. 5-3	PIER 5	F.S. 6-1	S.W.S. 6-2	F.S. 6-3	PIER 6	S.W.S. 7-1	F.S. 7-2	S.W.S. 7-3	LINK-SPAN 7
1	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031
2	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031
3	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031
4	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031
5	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031
6	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031
7	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031	351.031

ELEVATIONS ARE GIVEN TO TOP OF GIRDER WEB PLATE



STEEL FRAMING PLAN



GIRDERS 2 THROUGH 6

ELEVATION

FRAMING PLAN - SPANS 5, 6 AND 7
F.A.I. RTE. 57 OVER THE MISSISSIPPI RIVER
PROJECT 1-57-91.10
SECTION 02-1B-11F&E
ALEXANDER COUNTY, ILLINOIS
MISSISSIPPI COUNTY, MISSOURI
STA. 1141 + 04.75 TO STA. 1102 + 75.25

ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

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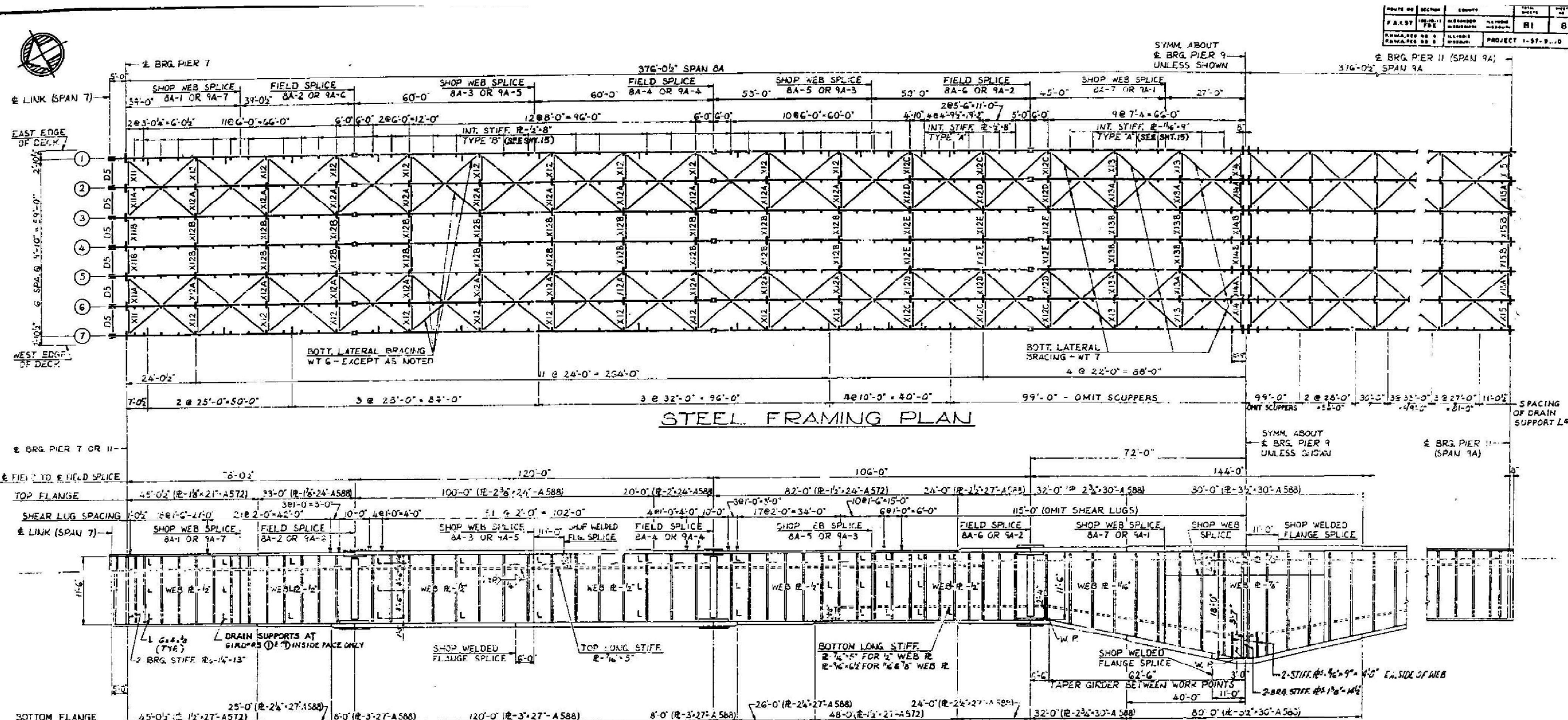
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET 55010 OF 55010SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1		104	76
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
* Alexander County, IL, Mississippi County, MO				



GIRDER ELEVATIONS - FOR FABRICATION ONLY																		
LOCATION GIRDER	LINK SPAN 7	PIER 7	S.W.S. 8A-1	F.S. 8A-2	S.W.S. 8A-3	F.S. 8A-4	S.W.S. 8A-5	F.S. 8A-6	S.W.S. 8A-7	PIER 9	S.W.S. 9A-1	F.S. 9A-2	S.W.S. 9A-3	F.S. 9A-4	S.W.S. 9A-5	F.S. 9A-6	S.W.S. 9A-7	BRG. SPAN 9A
1	364.761	364.964	366.552	367.840	369.939	371.596	372.965	373.981	375.245	376.050	376.854	378.215	380.231	381.908	383.424	384.497	385.203	385.620
2	364.914	365.118	366.706	368.067	370.181	371.832	373.171	374.150	375.398	376.203	377.008	378.384	380.437	382.062	383.671	384.718	385.398	385.773
3	365.068	365.272	366.860	368.221	370.336	371.987	373.325	374.304	375.553	376.357	377.162	378.539	380.591	382.216	383.825	384.872	385.553	385.928
4	365.222	365.425	367.013	368.371	370.485	372.140	373.478	374.458	375.706	376.511	377.315	378.692	380.744	382.369	383.978	385.025	385.706	386.081
5	365.068	365.272	366.860	368.221	370.336	371.987	373.325	374.304	375.553	376.357	377.162	378.539	380.591	382.216	383.825	384.872	385.553	385.928
6	364.914	365.118	366.706	368.067	370.181	371.832	373.171	374.150	375.398	376.203	377.008	378.384	380.437	382.062	383.671	384.718	385.398	385.773
7	364.761	364.964	366.552	367.840	369.939	371.596	372.965	373.981	375.245	376.050	376.854	378.215	380.231	381.908	383.424	384.497	385.203	385.620

ELEVATIONS ARE GIVEN TO TOP OF GIRDER WEB PLATE

F. S. = FIELD SPICE
S. W. S. = SHOP WEB SPICE

NOTES:

- ALL MATERIAL ASTM A36 - EXCEPT AS NOTED.
- ALL DIMENSIONS SHOWN ARE IN A HORIZONTAL PLANE.
- SHEAR LUGS ARE TO BE FURNISHED & INSTALLED UNDER SECTION (02-1B-1)D.
- LONGITUDINAL STIFFENERS TO BE ON SIDE OF WEB OPPOSITE TRANSVERSE STIFFENERS ON GIRDERS ① TO ⑦
- SHEAR LUGS ARE TO BE OMITTED AT SCUPPER LOCATIONS.

FRAMING PLAN - SPANS 8A 9A
F.A.I. RTE. 57 OVER THE MISSISSIPPI RIVER
PROJECT 1-57-9 (10)
SECTION (02-1B-1)F&E
ALEXANDER COUNTY, ILLINOIS
MISSISSIPPI COUNTY, MISSOURI
STA. 1141 + 64.75 TO STA. 1182 + 75.25

ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
10 S. WABASH AVE. CHICAGO, ILLINOIS

FOR INFORMATION ONLY

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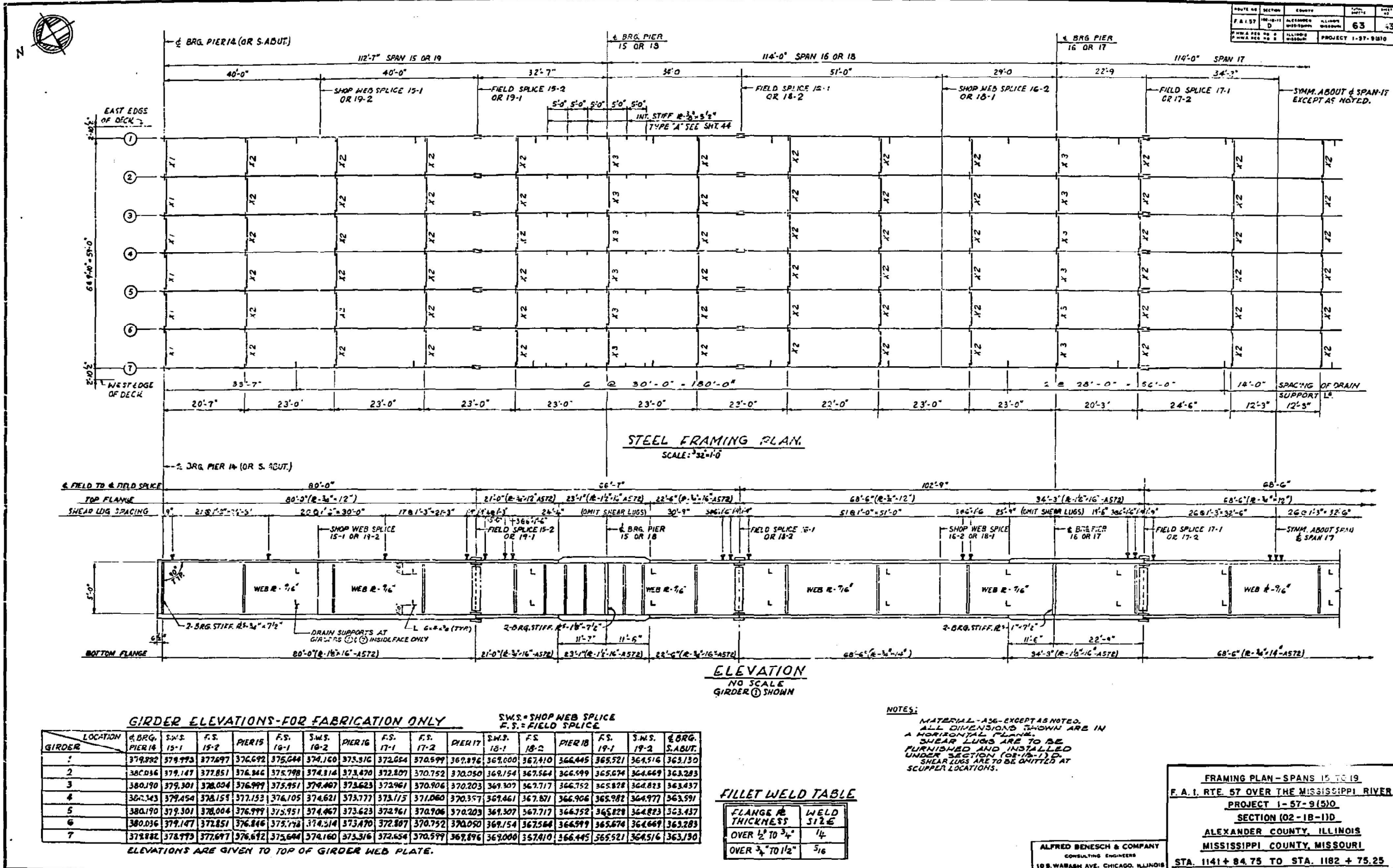
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

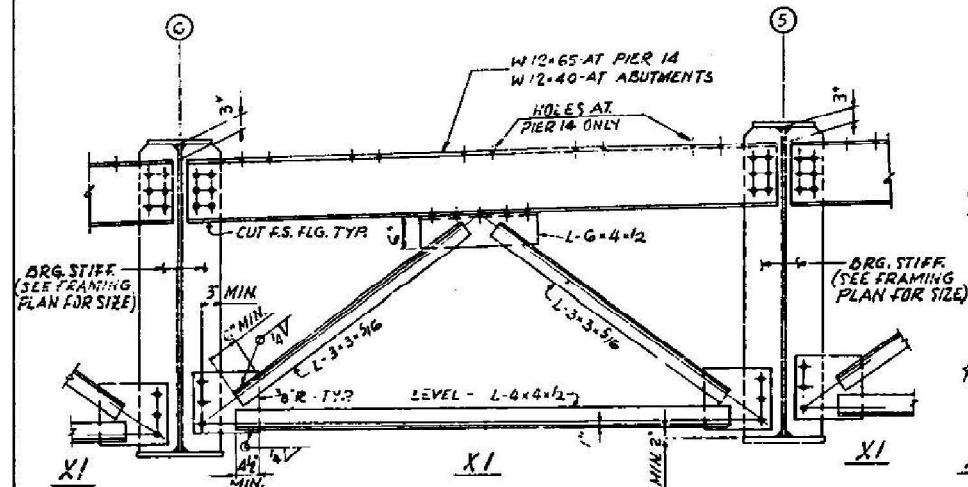
SHEET 55011 OF 55011 SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	MISSOURI	104	77
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
* Alexander County, IL, Mississippi County, MO				

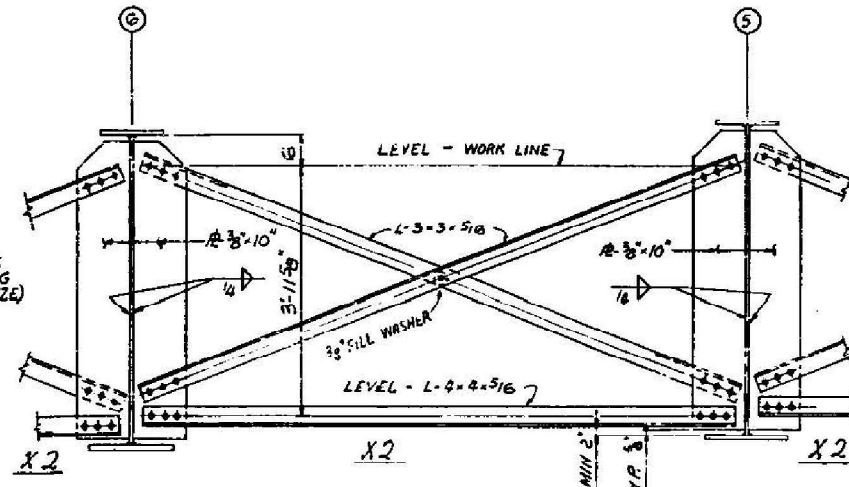


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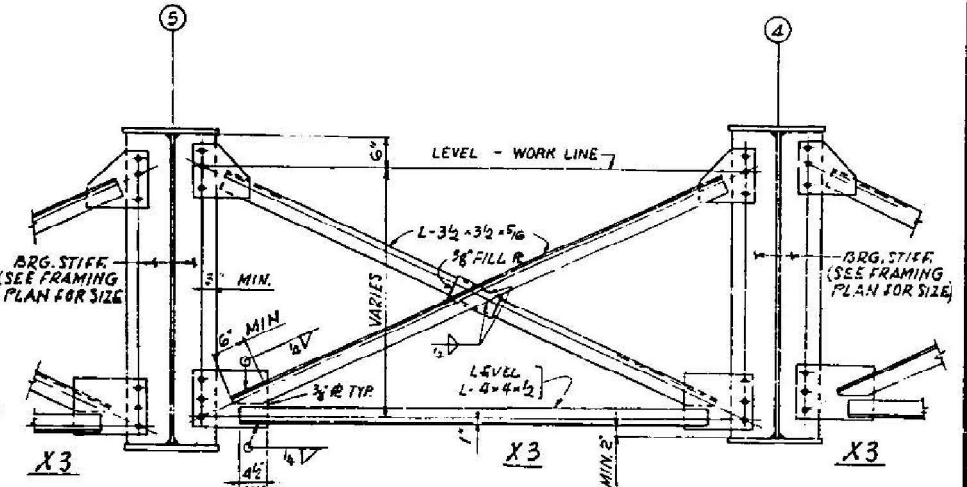
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F.A. 157	02-1B-11	ALEXANDER	81	10
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F.H.S. A. RES. NO. 5	MISSOURI	PROJECT 1-57-91.0		



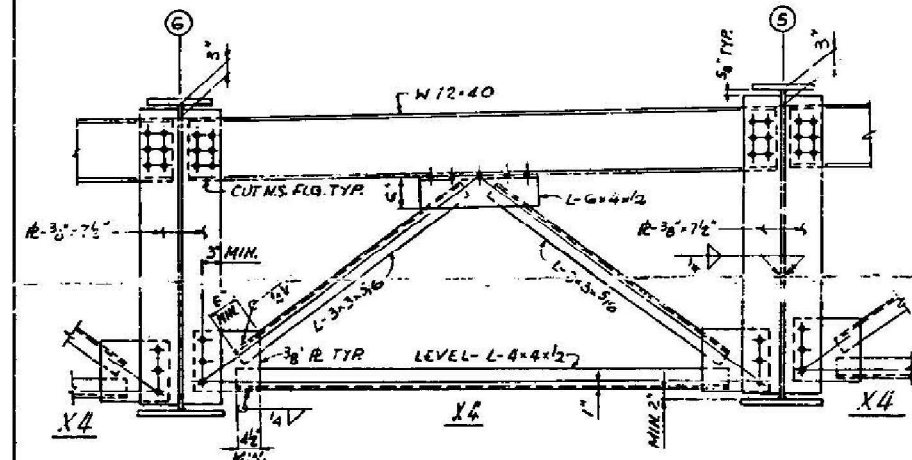
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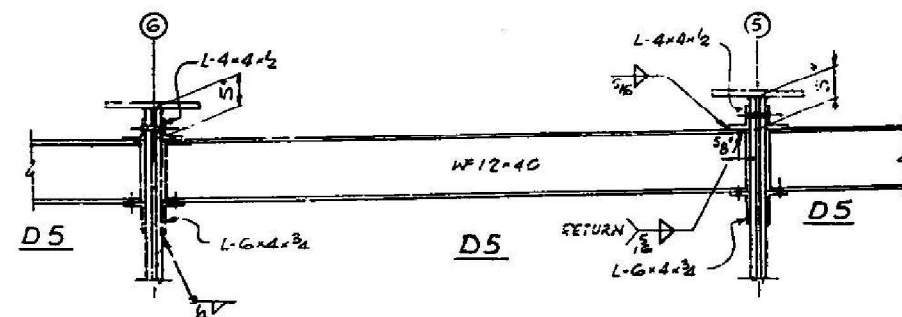
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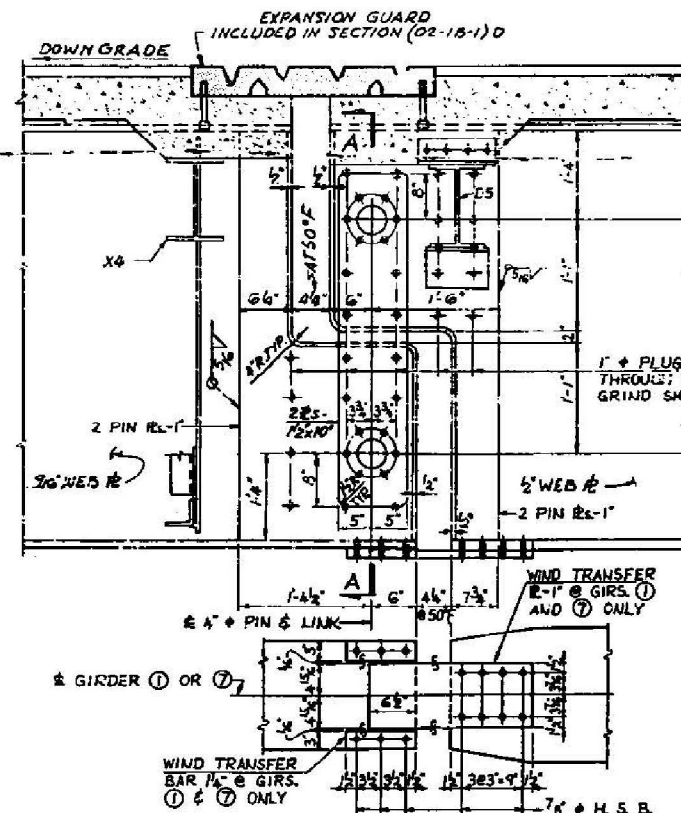
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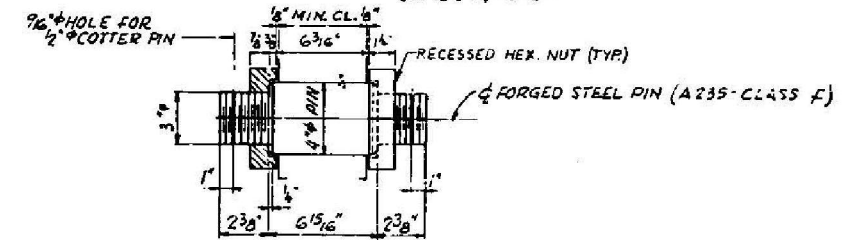
CROSSFRAME X4 (AT LINK)
SCALE: 3/4" = 1'-0"



DIAPHRAGM D5 (AT LINK)
SCALE: 3/4" = 1'-0"

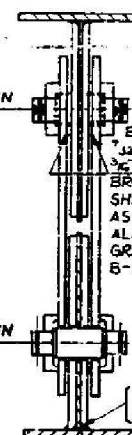


LINK DETAILS - SPAN 4



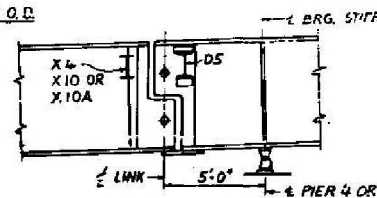
PIN DETAIL

NOTES: PINS SHALL BE SNUGGLED UP TIGHT AGAINST SHOULDERS OF PIN. TOTAL NO. OF PINS REQUIRED = 14.



SECTION A-A

NOTES: ALL FASTENERS SHALL BE 3/4" ASTM A 325 HIGH STRENGTH BOLTS UNLESS NOTED. FOR DETAIL OF STIFFENERS SEE SHEET 15 MATERIAL - A 36 - EXCEPT AS NOTED.



LINK SETTING ELEVATION
LINK IN SPAN 4 SHOWN. LINK IN SPAN 7 SIMILAR

NOTE: LINK SHALL BE TRULY VERTICAL AT 50°F. CROSSFRAMES & DIAPHRAGMS SHALL BE AT RIGHT ANGLES TO GIRDER FLANGE.

GIRDER CROSSFRAMES AND LINK DETAILS
F.A. 1. RTE. 57 OVER THE MISSISSIPPI RIVER
PROJECT 1-57-91.0
SECTION 02-1B-11F8E
ALEXANDER COUNTY, ILLINOIS
MISSISSIPPI COUNTY, MISSOURI
STA. 1141 + 84.75 TO STA. 1182 + 75.25

ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
108 WABASH AVE. CHICAGO, ILLINOIS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET 55012 OF 55012SHEETS

F.A. 1. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1		104	78
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
* Alexander County, IL, Mississippi County, MO				

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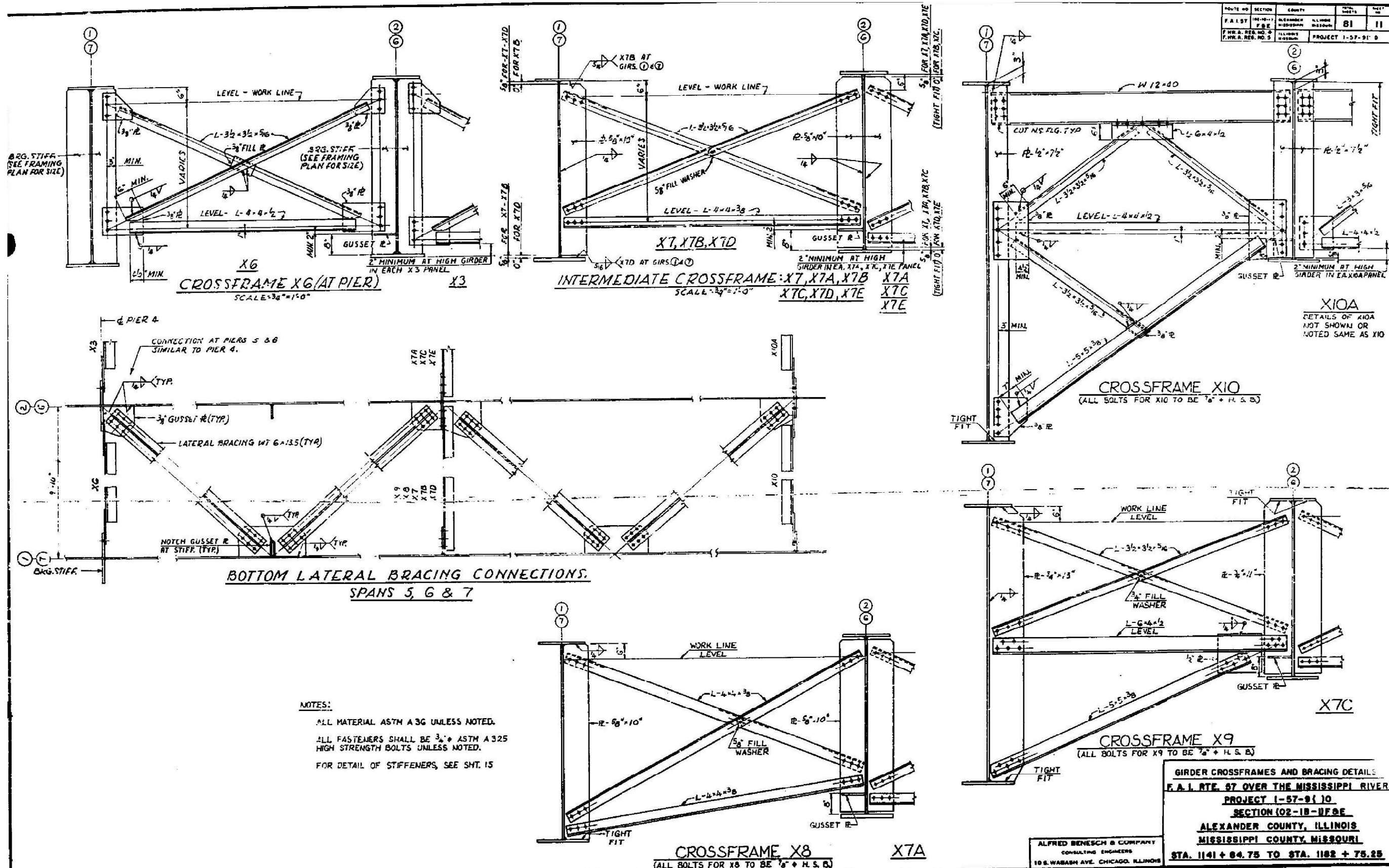
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

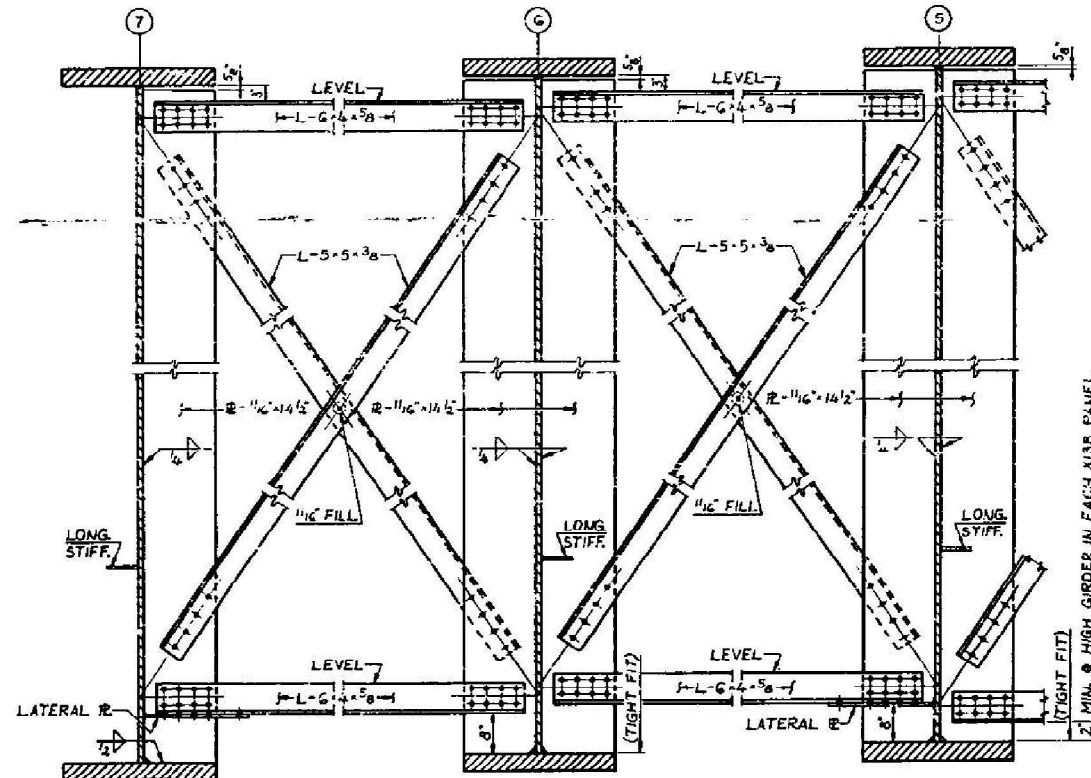
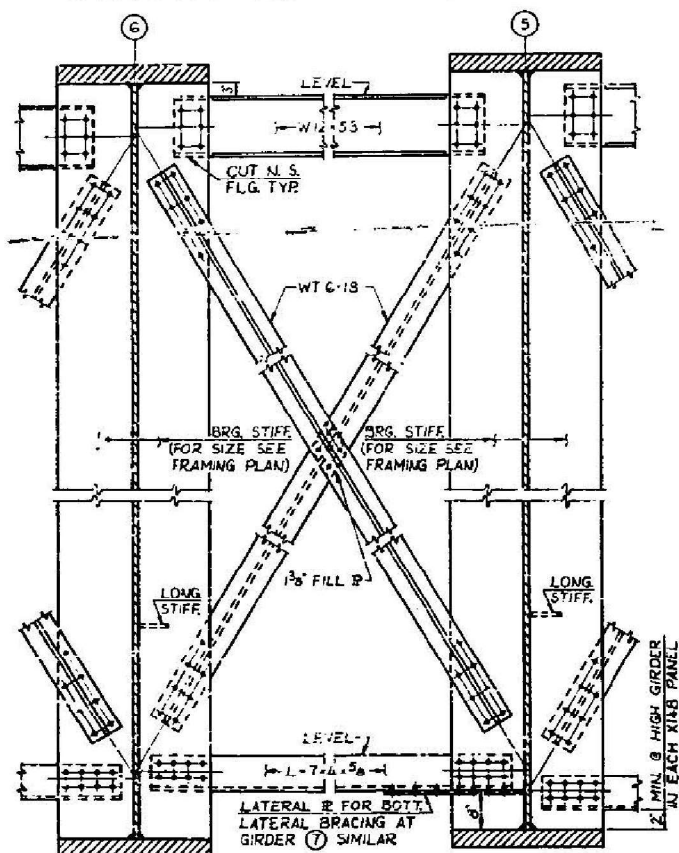
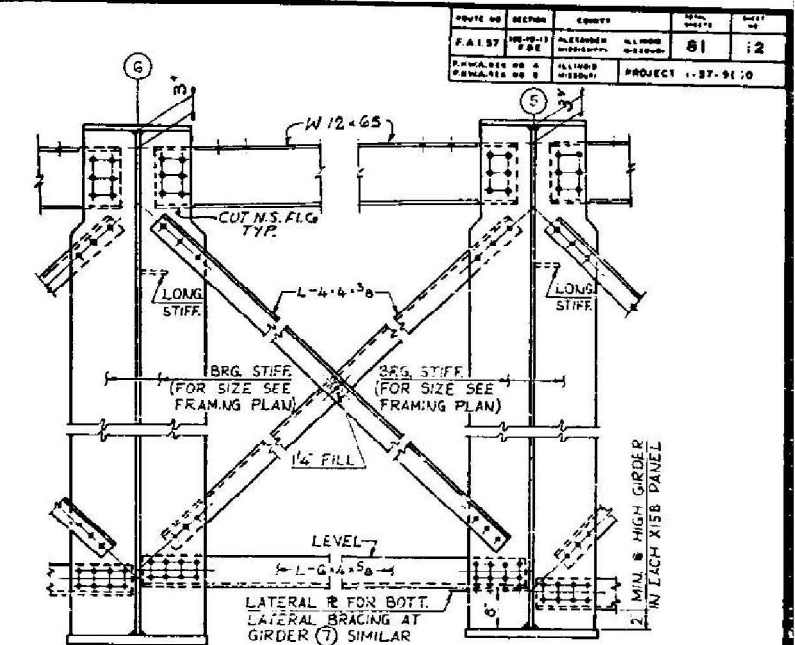
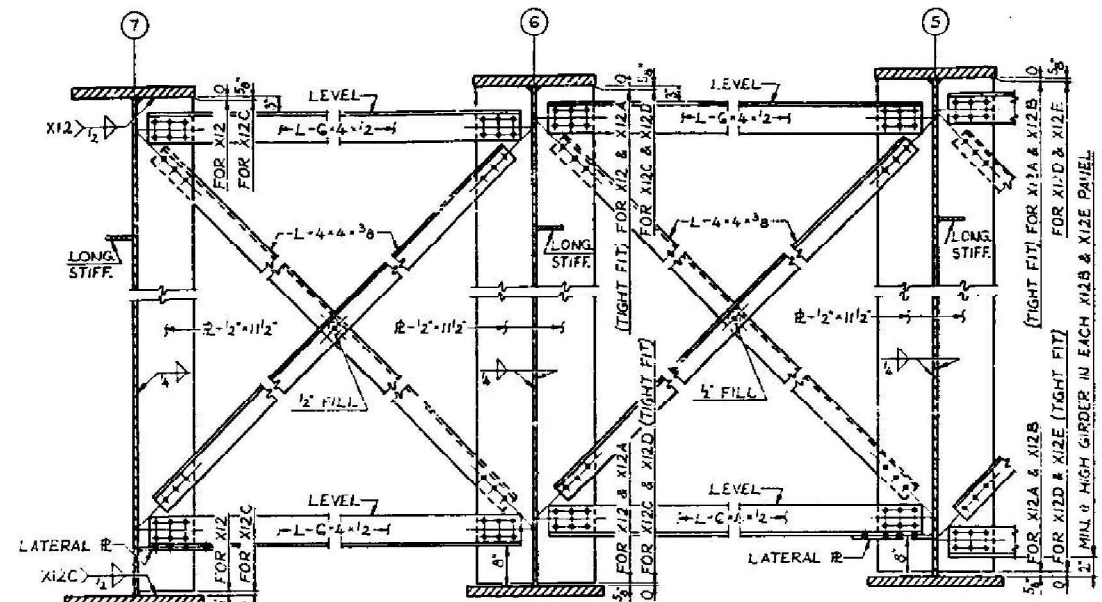
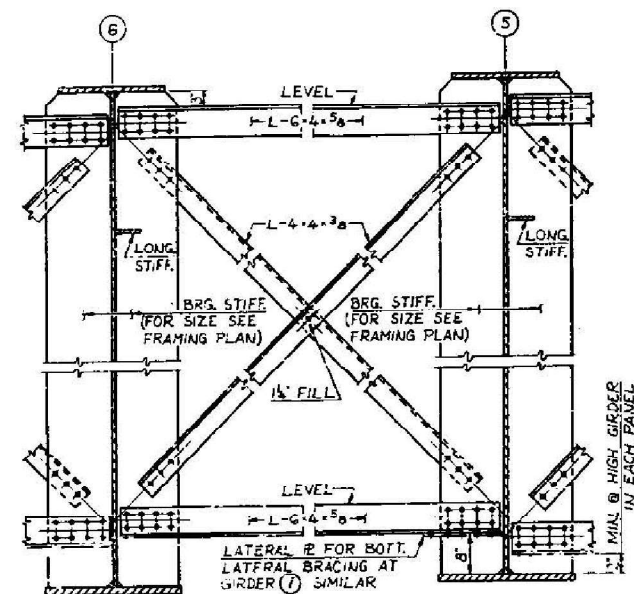
EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET 55013 OF 55013SHEETS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RTE. 57	(02-1B-1)BP-1	ILLINOIS	104	79
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
* Alexander County, IL, Mississippi County, MO				



FOR INFORMATION ONLY



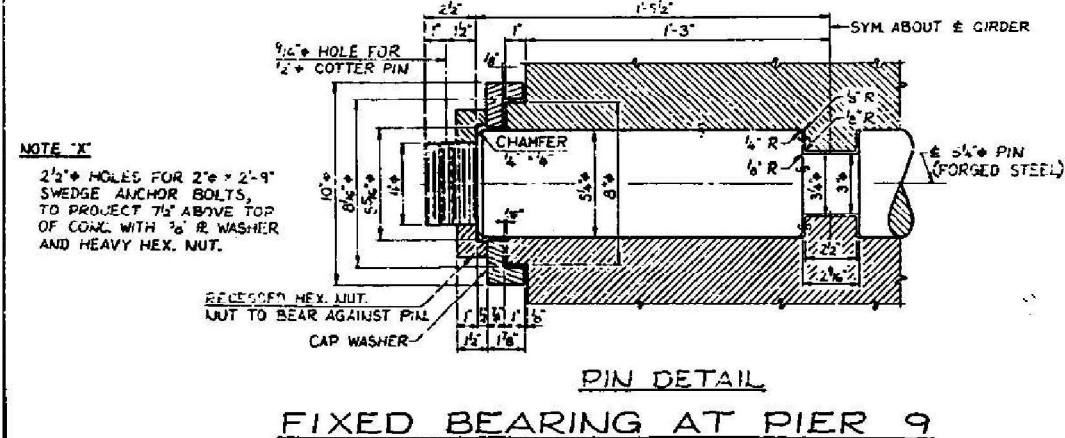
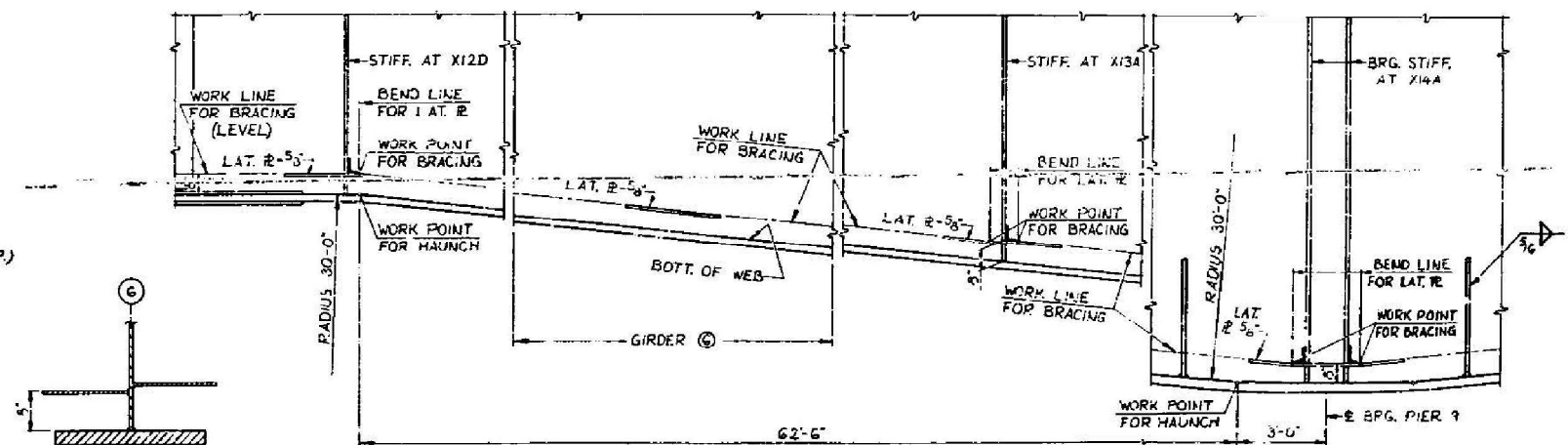
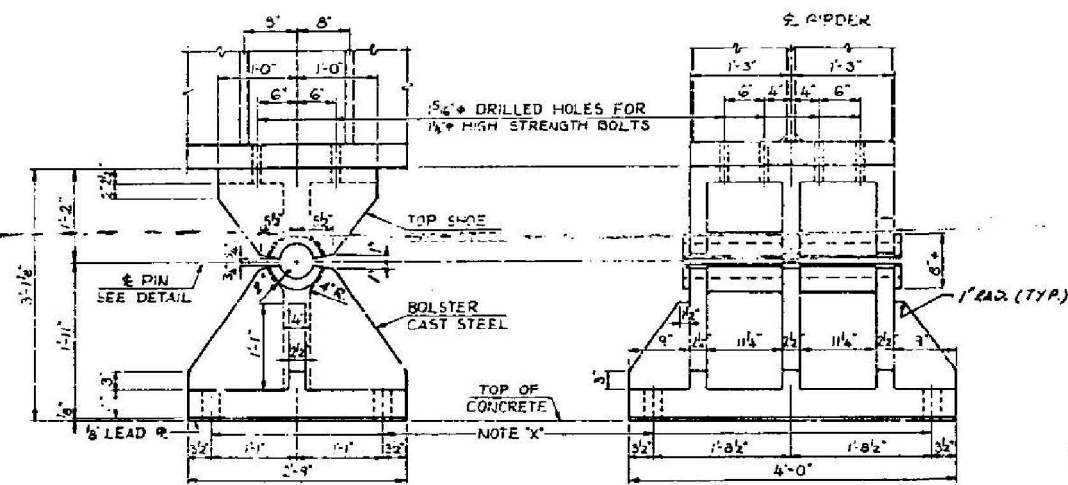
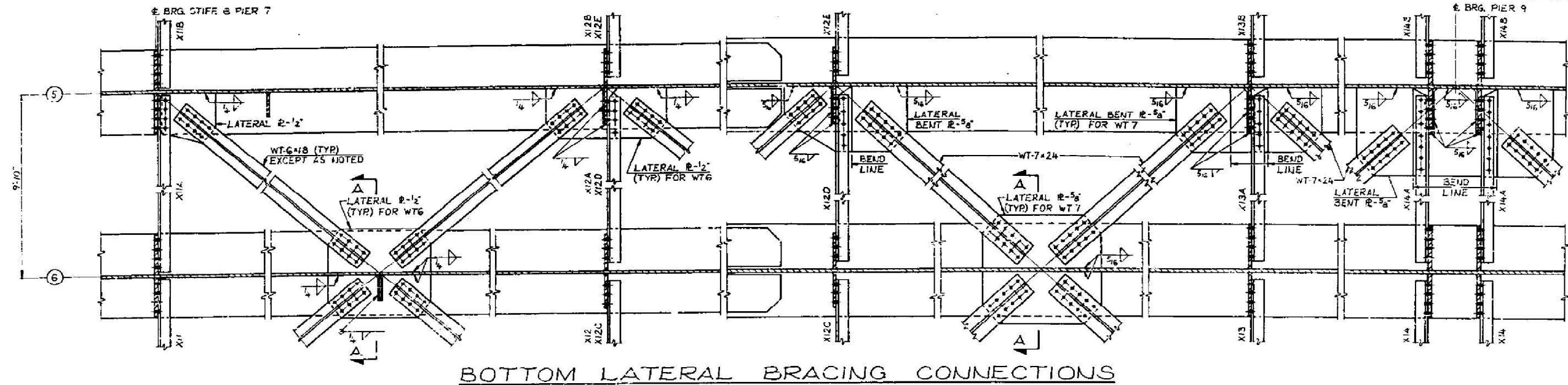
NOTES:

ALL MATERIAL, ASTM A 36 UNLESS NOTED.
ALL FASTENERS SHALL BE 7/8" ASTM A 325
HIGH STRENGTH BOLTS UNLESS NOTED.

STEEL DETAILS - SPANS 8: 9A
P.A. I. RTE. 67 OVER THE MISSISSIPPI RIVER
PROJECT 1-57-9(10)
SECTION (02-1B-1) F&E
ALEXANDER COUNTY, ILLINOIS
MISSISSIPPI COUNTY, MISSOURI
STA. 1141 + 84.75 TO STA. 1182 + 75.25

FOR INFORMATION ONLY

ROUTE NO	SECTION	COUNTY	FEET SINCE 7/5	SHEET NO
FA 137	(RE-15-13) F&E	ALCOCK RTE 155-100	81	13
P. 155-100 P. 155-100	NO 0 NO 0	155-100 155-100	PROJECT 1-37-155-100	



SECTION A-A

DETAIL OF HAUNCH
GIRDER (5) SHOWN EXCEPT AS NOTED

NOTES:

ALL MATERIAL ASTM A36 UNLESS NOTED.

ALL FASTENERS SHALL BE 7/8" ASTM A 325
HIGH STRENGTH BOLTS UNLESS NOTED.

FOR BEARING NOTES SEE SHT. 16.

STEEL DETAILS - SPANS 8A AND 9A
F.A.I. RTE. 57 OVER THE MISSISSIPPI RIVER
PROJECT 1-57-9(10)
SECTION 02-1B-17F&E
ALEXANDER COUNTY, ILLINOIS
MISSISSIPPI COUNTY, MISSOURI
STA. 1141 + 84.75 TO STA. 1182 + 75.25

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PLOT DATE =	CHECKED - MDC	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

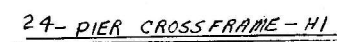
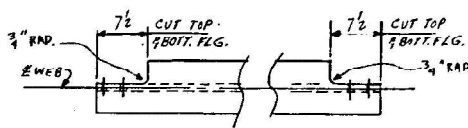
EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET \$S015 OF \$STOTSHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	81
CONTRACT NO. 78973				
ILLINOIS		FED. AID PROJECT		

		CONTRACT NO. 78973
ILLINOIS	FED. AID PROJECT	

* Alexander County, IL, Mississippi County, MO



APPROVED
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FEB 22 1974

FOR GEN. NOTES SEE SHT. #E1
STRUCT. STEEL ASTM A-36

PROJECT 1-57-940		SECTION (02-B-1) E-4A	
FAL ROUTE 57 (SPANS 15 THRU 18)			
LOCATION ALEXANDER COUNTY, ILLINOIS & MISSISSIPPI COUNTY, MISSOURI			
CUSTOMER STATE OF ILLINOIS			
TOTAL NO. OF SHEETS	17	SHEET No.	1 - 1051

FOR INFORMATION ONLY

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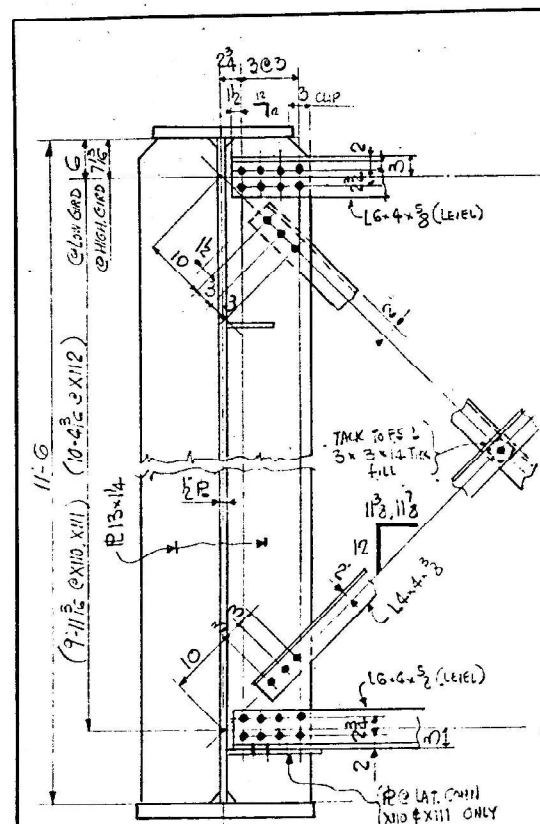
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

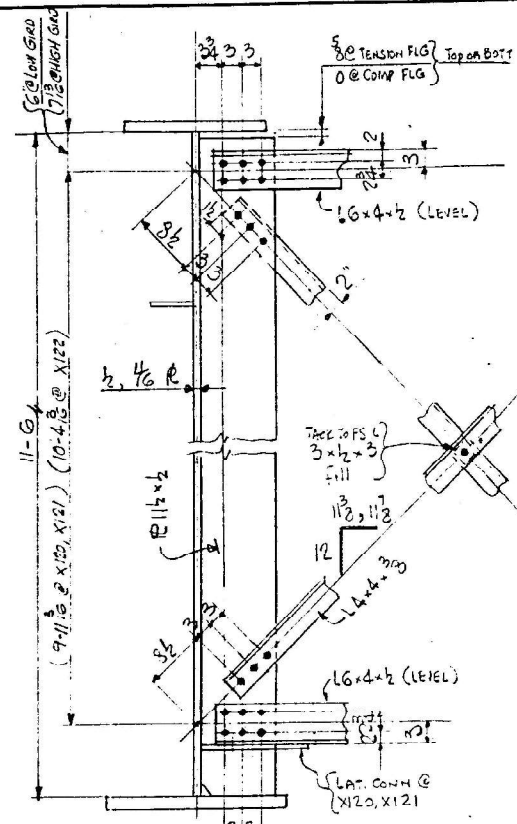
EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET 55017 OF 55017SHEETS

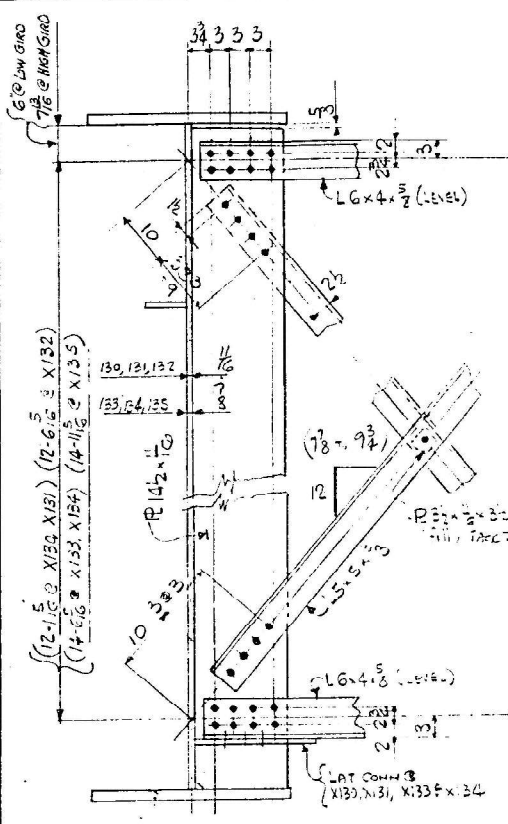
FA.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1		104	83
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
* Alexander County, IL, Mississippi County, MO				



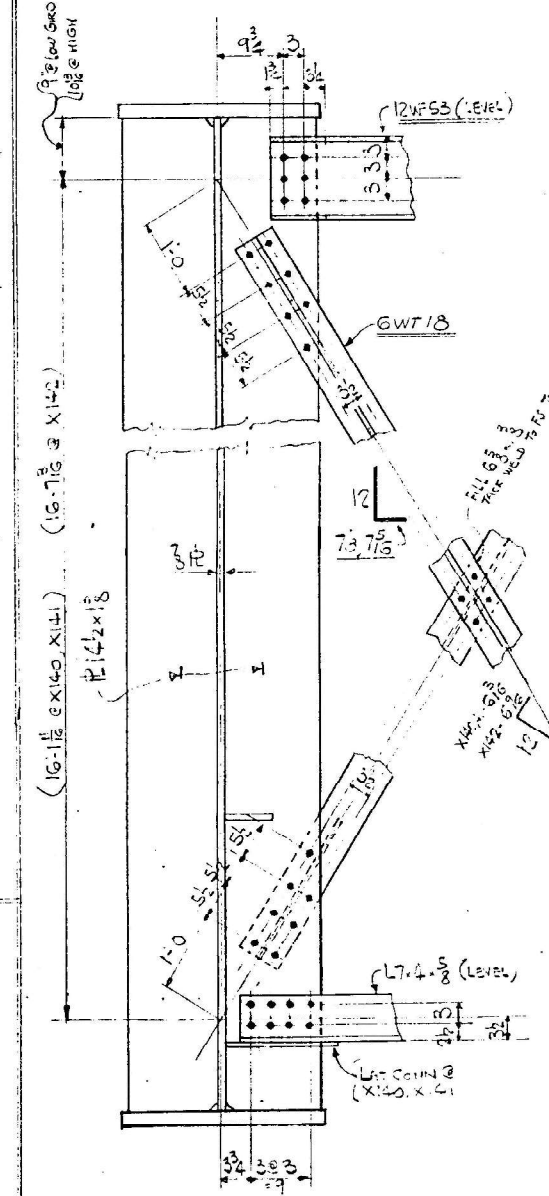
CROSS FRAMES X110, X111, X112 @ PIER 7



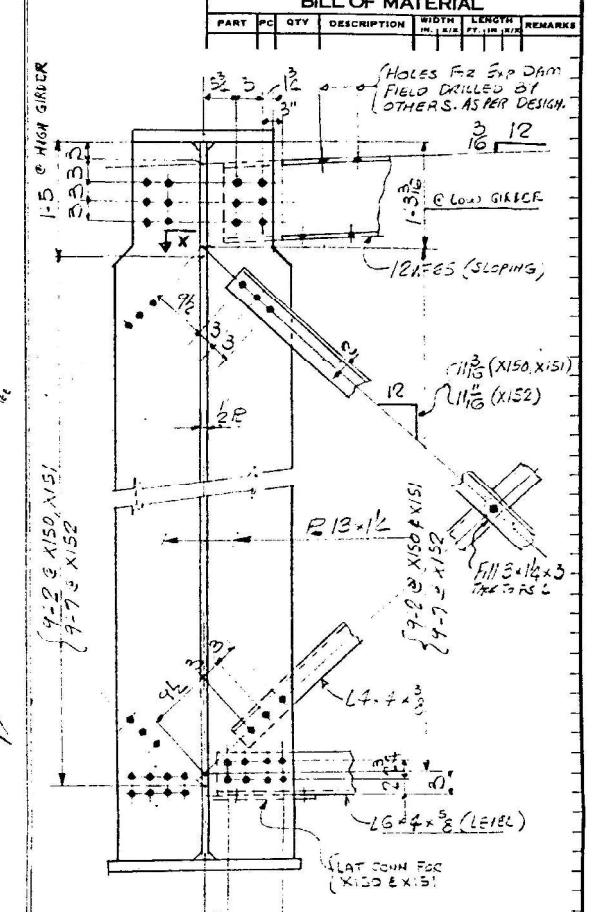
TYP. INT. CROSS FRAME X120, X121, & X122



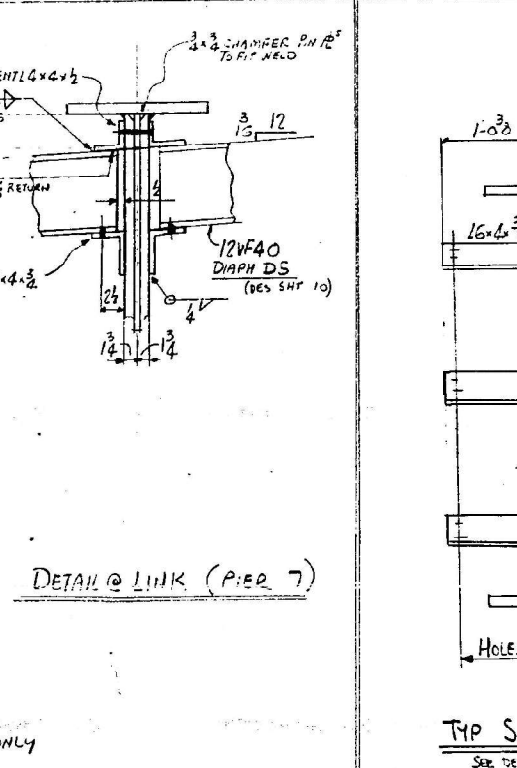
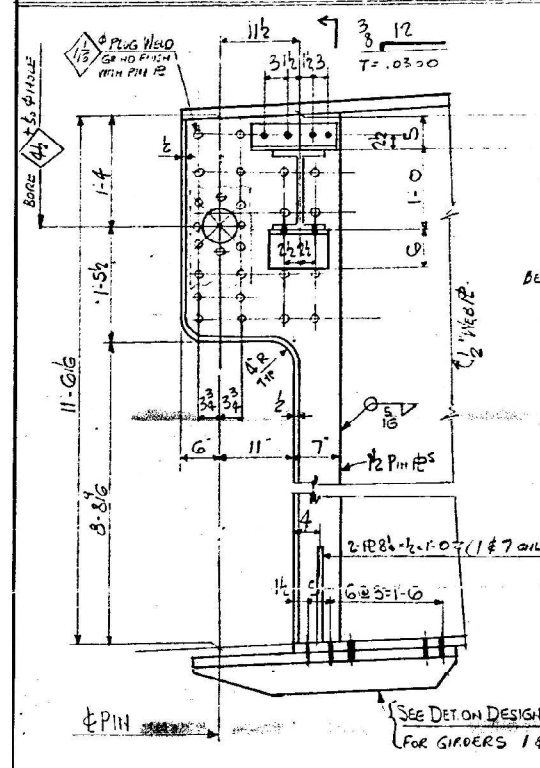
INT. CF X130, 131, 132, X133, 134 & 135



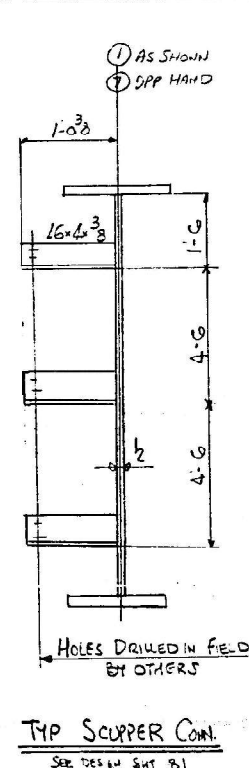
PIER 9 CROSS FRAME X140, X141, X142



END CF @ PIER 11 X150, X151, X152



DETAIL @ LINK (PIER 7)



TYP. SCUPPER CONN.
SEE DES. SHT 81

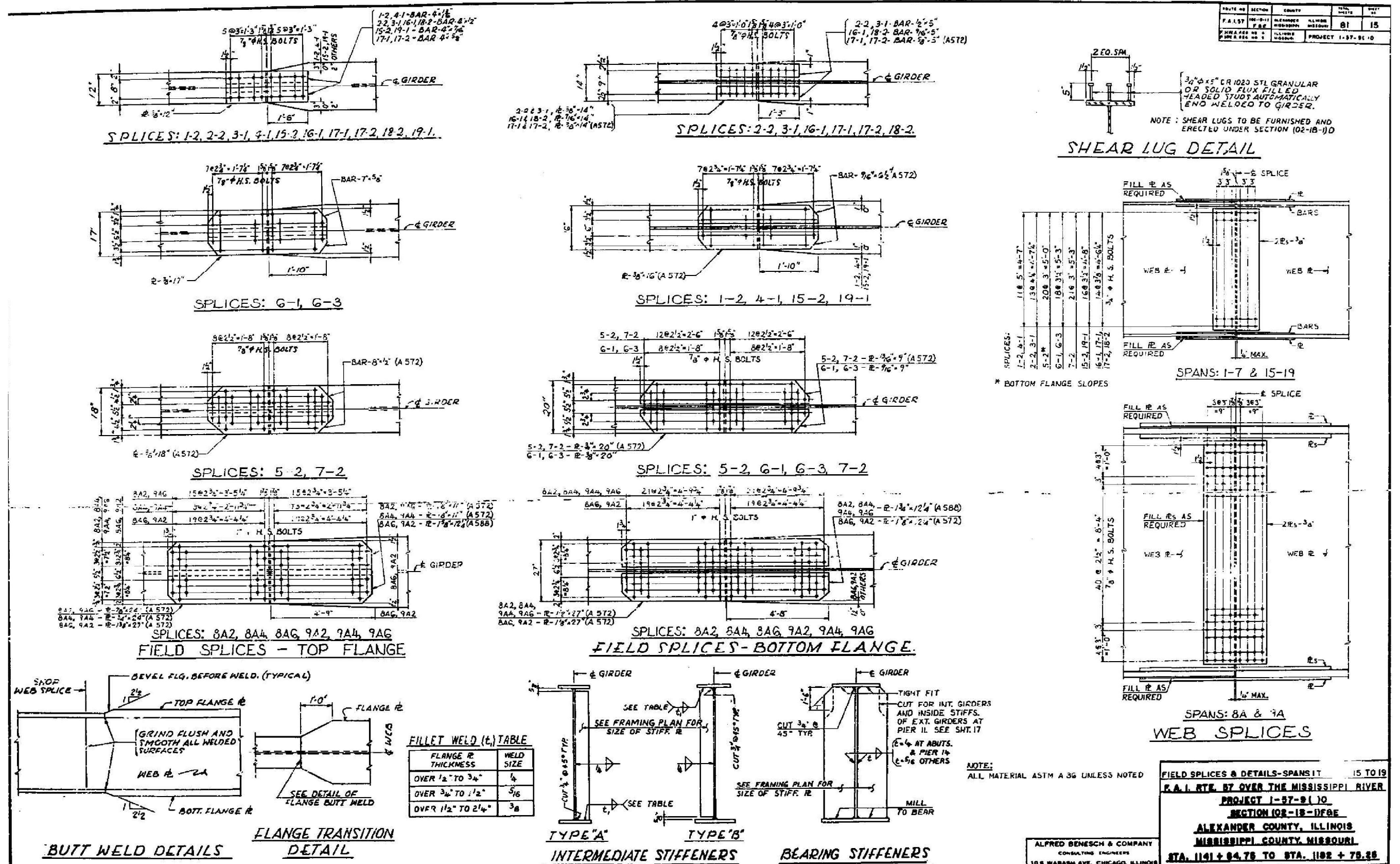
APPROVED
AS TO STRENGTH OF CONNECTIONS
AND MAIN MATERIALS ONLY.
ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
233 NORTH MICHIGAN AVENUE
CHICAGO, ILLINOIS 60601
DATE 5 1974
BY RCE

APPROVED
For Main Dimensions and
Materials Only
JUN 19 1974

DIAPH & CF LAYOUTS SPANS 8A & 9A
STUFF BROS. BRIDGE & IRON CO.
ST. LOUIS, MO. F 172-2A

REVISIONS		PRINT RECORD	
DATE	NO.	DATE	NO.
12-15-73	1	12-15-73	1
12-15-73	2	12-15-73	2
12-15-73	3	12-15-73	3
12-15-73	4	12-15-73	4
12-15-73	5	12-15-73	5
12-15-73	6	12-15-73	6
12-15-73	7	12-15-73	7
12-15-73	8	12-15-73	8
12-15-73	9	12-15-73	9
12-15-73	10	12-15-73	10
12-15-73	11	12-15-73	11
12-15-73	12	12-15-73	12
12-15-73	13	12-15-73	13
12-15-73	14	12-15-73	14
12-15-73	15	12-15-73	15
12-15-73	16	12-15-73	16
12-15-73	17	12-15-73	17
12-15-73	18	12-15-73	18
12-15-73	19	12-15-73	19
12-15-73	20	12-15-73	20

FOR INFORMATION ONLY



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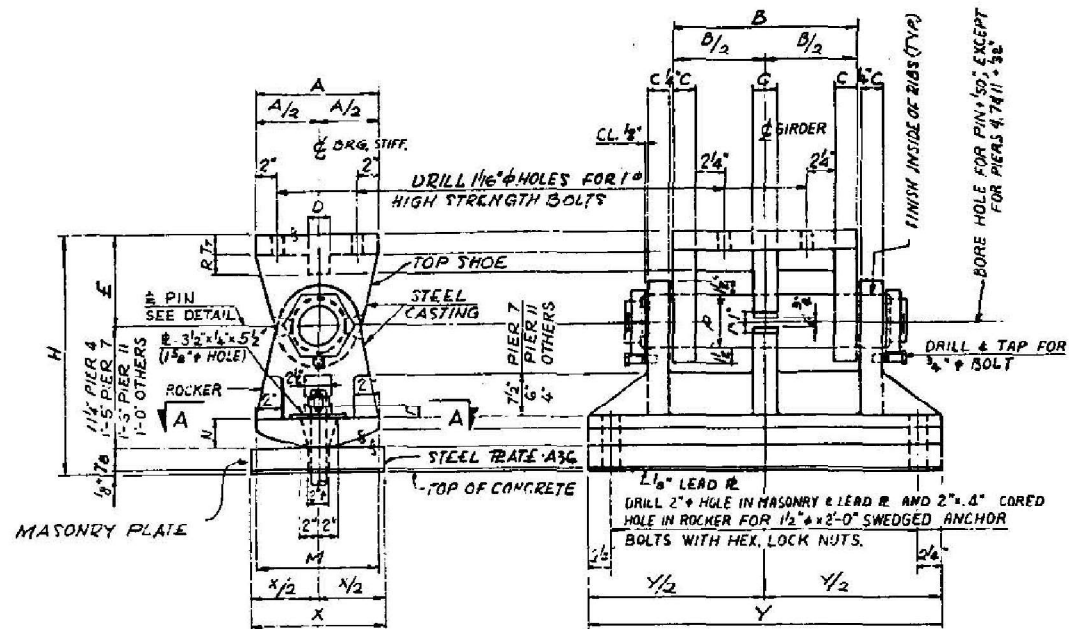
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET 55019 OF 550TSHEETS

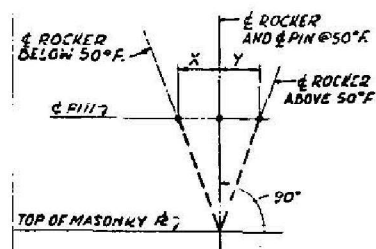
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 157	002-1B-1	MISSOURI	104	85
CONTRACT NO. 78973				

ILLINOIS FED. AID PROJECT
* Alexander County, IL, Mississippi County, MO



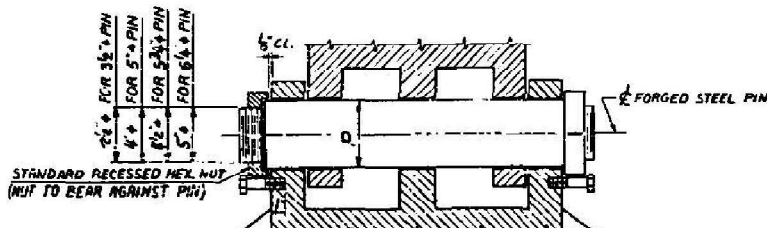
EXPANSION BEARING

LOCATION	TOP SHOE								PIN		ROCKER		MASONRY PLATE			
	A	B	T	C	D	E	R	P	M	N	X	Y	TB	H		
NORTH ABUTMENT	1'-0"	1'-4"	1'-2"	1'-5"	1'-5"	9"	2"	3'-6"	1'-0"	2'-6"	1'-0"	2'-7"	1'-2"	1'-10 1/2"		
PIER 2	1'-0"	1'-4"	2"	2'-6"	2"	9"	2"	5"	1'-0"	2'-6"	1'-0"	2'-9"	2"	1'-11 1/8"		
PIER 3	1'-0"	1'-6"	2"	2'-6"	2"	9"	2"	5"	1'-0"	2'-6"	1'-1"	2'-11"	2'-6"	1'-11 1/8"		
PIER 4	1'-3"	1'-8"	2"	2'-6"	2"	9"	2'-6"	5'-3"	1'-0"	2'-6"	1'-3"	3'-2"	2'-6"	1'-10 1/8"		
PIER 7	1'-3"	1'-5"	2'-2"	3'-3"	3'-3"	12'-2"	4'-2"	6'-6"	1'-3"	3'-6"	1'-10"	4'-0"	3'-6"	2'-7 1/2"		
PIER 11-SPAN 9A	1'-8"	2'-0"	2"	2'-2"	2'-2"	9"	3'-2"	5'-6"	1'-3"	3'-6"	1'-6"	3'-7"	2'-6"	2'-2 1/6"		
PIER 14-SPAN 15	1'-0"	1'-4"	1'-2"	1'-5"	1'-5"	9"	2"	3'-6"	1'-0"	2'-6"	1'-0"	2'-7"	1'-2"	1'-10 1/8"		
PIER 15	1'-0"	1'-4"	2"	2'-6"	2"	9"	2"	5"	1'-0"	2'-6"	1'-1"	2'-9"	2'-6"	1'-11 1/8"		
PIER 18	1'-0"	1'-4"	2"	2'-6"	2"	9"	2"	5"	1'-0"	2'-6"	1'-1"	2'-9"	2'-6"	1'-11 1/8"		
SOUTH ABUTMENT	1'-0"	1'-4"	1'-2"	1'-5"	1'-5"	9"	2"	3'-6"	1'-0"	2'-6"	1'-0"	2'-7"	1'-2"	1'-10 1/2"		

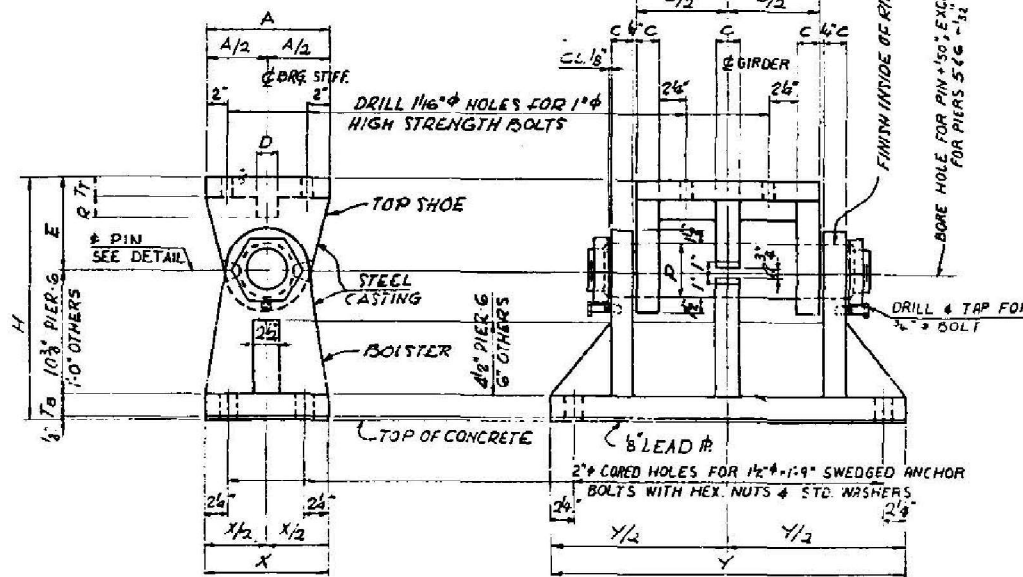


CORRECTION FOR TEMPERATURE-ROCKER SETTING

LOCATION	X								X OR Y		Y	
	-10°F	10°F	30°F	50°F	70°F	90°F	110°F					
N. ABUT.	1/2"	3/8"	3/8"	0"	3/8"	3/8"	1/2"					
PIER 2	1/2"	3/8"	3/8"	0"	3/8"	3/8"	1/2"					
PIER 3	1"	1/2"	3/8"	0"	3/8"	1/2"	1"					
PIER 4	1/8"	3/8"	1/2"	0"	1/2"	3/8"	1/8"					
PIER 7	1/4"	1/8"	9/16"	0"	9/16"	1/8"	3/4"					
PIER 11-SPAN 9A	1/8"	1/8"	9/16"	0"	9/16"	1/8"	3/4"					
PIER 14-SPAN 15	1/8"	1/8"	3/8"	0"	3/8"	1/8"	1/8"					
PIER 15	1/8"	1/8"	9/16"	0"	9/16"	1/8"	1/8"					
PIER 18	1/8"	1/8"	1/2"	0"	1/2"	1/8"	1/8"					
S. ABUT.	1/8"	1/8"	3/8"	0"	3/8"	1/8"	1/8"					

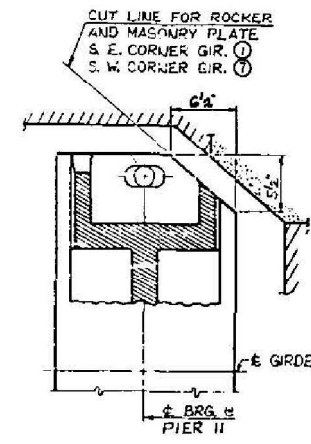


PIN DETAIL



FIXED BEARING

LOCATION	TOP SHOE								PIN		BOLSTER		MASONRY PLATE			
	A	B	T	C	D	E	R	P	M	N	X	Y	TB	H		
PIER 1	1'-0"	1'-6"	2"	2'-6"	2"	9"	2"	5"	1'-2"	2'-11"	2'-6"	1'-10 1/8"				
PIER 5	1'-3"	1'-8"	2"	2'-6"	2"	9"	2'-6"	5'-3"	1'-3"	3'-2"	2'-6"	1'-11 1/8"				
PIER 6	1'-3"	1'-8"	2"	2'-6"	2"	9"	2'-6"	5'-3"	1'-3"	3'-2"	2'-6"	1'-10 1/8"				
PIER 16	1'-0"	1'-4"	2"	2'-6"	2"	9"	2"	5"	1'-2"	2'-9"	2'-6"	1'-10 1/8"				
PIER 17	1'-0"	1'-4"	2"	2'-6"	2"	9"	2"	5"	1'-2"	2'-9"	2'-6"	1'-10 1/8"				



SECTION A-A
FOR GIRDERS ① & ⑦ @ PIER 11 ONLY

NOTES:

FOR DETAILS OF FIXED BEARING AT PIER 9 SEE SHT. 13

CAST STEEL SHALL CONFORM TO A.S.T.M. A-246-65, CLASS 10, NORMALIZED.

FORGED STEEL SHALL CONFORM TO A.S.T.M. A-235-65, CLASS F.

ALL OTHER MATERIAL SHALL CONFORM TO A.S.T.M. A-36 EXCEPT AS OTHERWISE NOTED.

STRUCTURAL STEEL WELDMENTS OF EQUAL SECTION AND STRENGTH MAY BE SUBSTITUTED FOR THE CASTINGS SUBJECT TO APPROVAL OF ENGINEER.

CASTINGS, BEARING PLATES, LEAD PLATES, ANCHOR BOLTS AND MISCELLANEOUS ITEMS SHALL BE FABRICATED AND SET IN ACCORDANCE WITH SECTION 501 OF THE STANDARD SPECIFICATIONS AND ARE INCLUDED IN THE QUANTITY OF STRUCTURAL STEEL. PLAN WEIGHT OF BEARINGS IS 18,785 POUNDS WHICH INCLUDES 13,840 POUNDS OF CAST STEEL.

BEARING DETAILS - SPANS 1 TO 19
F.A. 1. RTE. 57 OVER THE MISSOURI RIVER
PROJECT 1-57-9(10)
SECTION 02-1B-11F8E
ALEXANDER COUNTY, ILLINOIS
MISSISSIPPI COUNTY, MISSOURI
STA. 1141 + 84.78 TO STA. 1182 + 75.25

ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
102 WABASH AVE. CHICAGO, ILLINOIS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

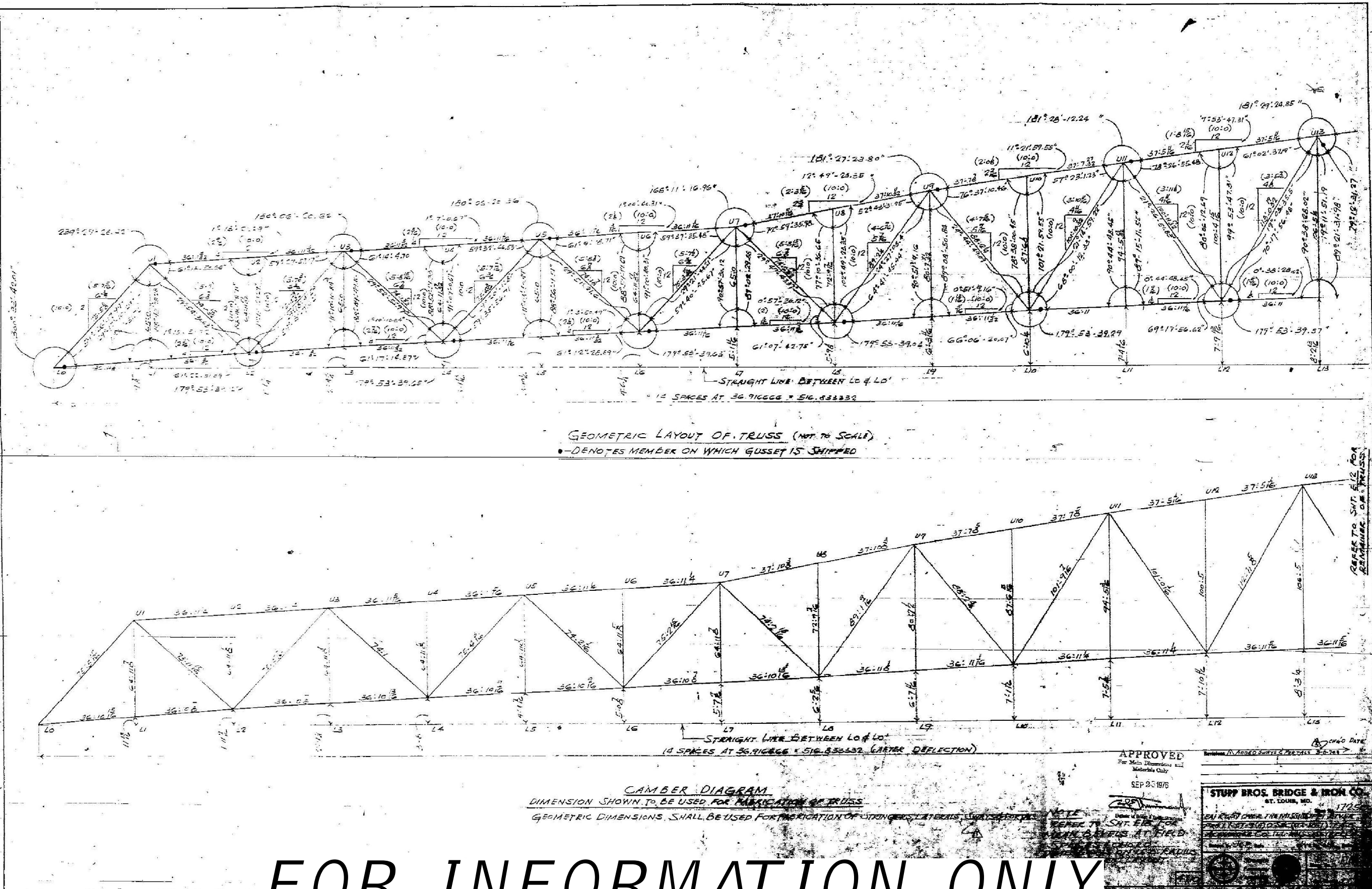
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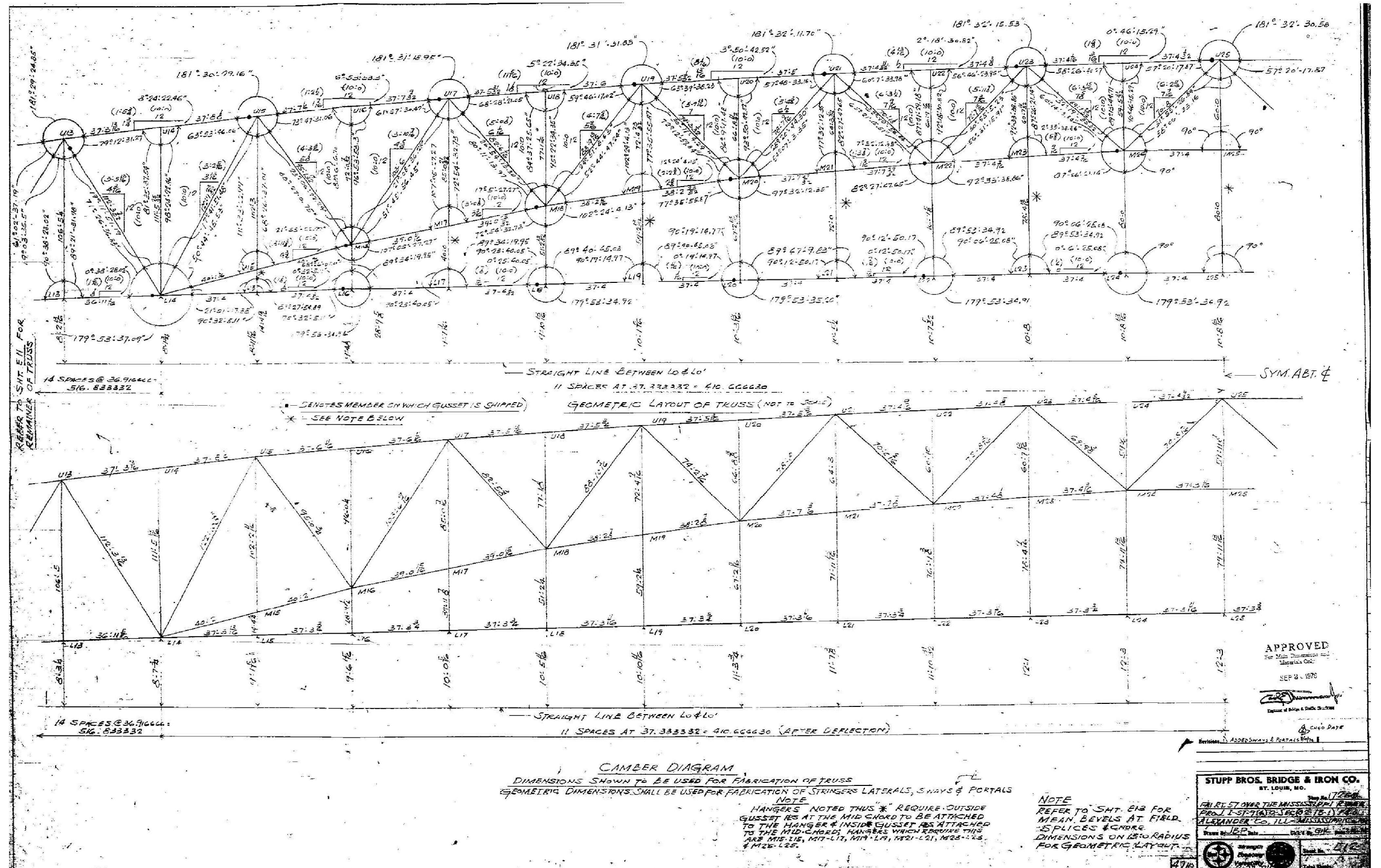
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1		104	86

CONTRACT NO. 78973

ILLINOIS FED. AID PROJECT
* Alexander County, IL, Mississippi County, MO

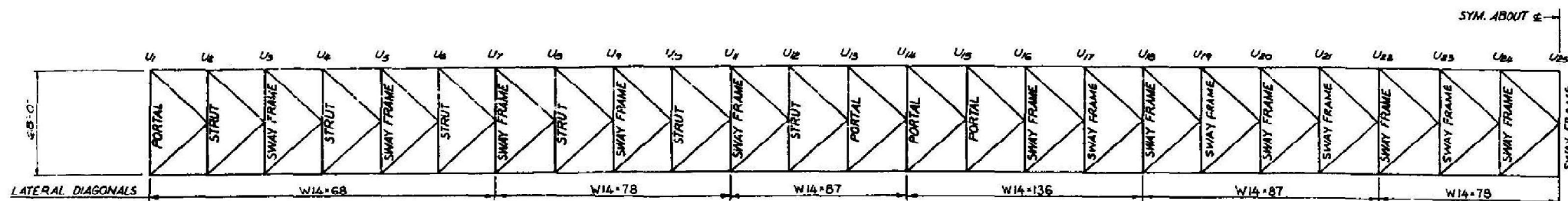
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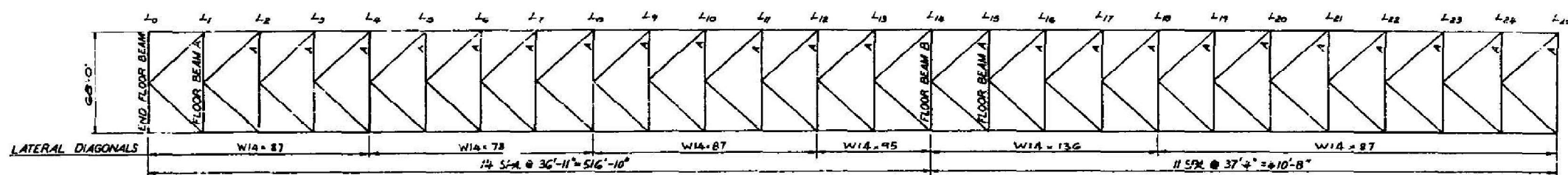
FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RTE. 57	02-1B-1	ILLINOIS	81	24
PROJECT NO. 002-0022	SECTION 02-1B-1	ILLINOIS	PROJECT 1-57-9110	



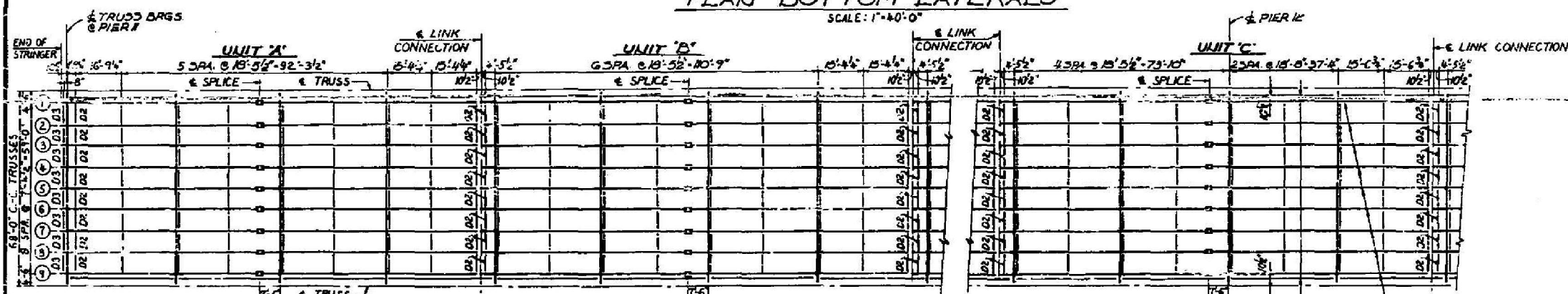
PLAN - TOP LATERAL SYSTEM

SCALE: 1"=40'-0"



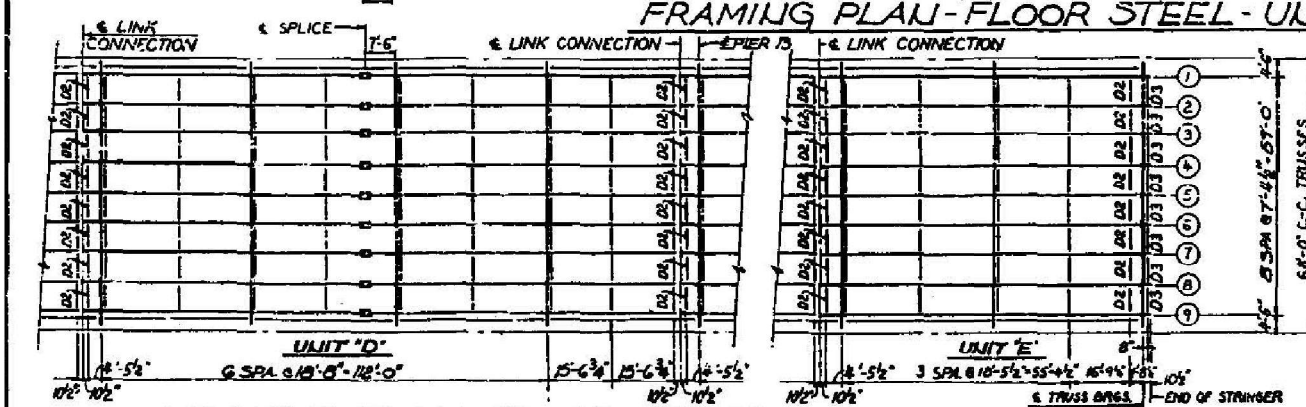
PLAN - BOTTOM LATERALS

SCALE: 1"=40'-0"



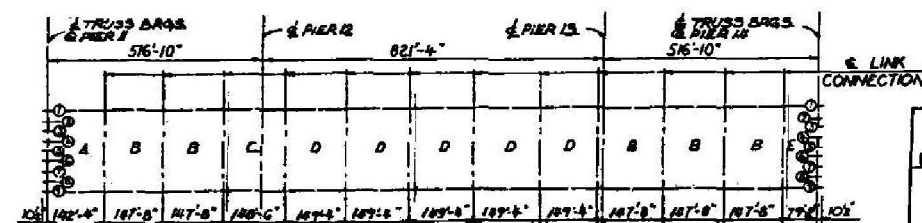
FRAMING PLAN-FLOOR STEEL-UNITS A,B & C

SCALE: 1"=20'-0"



FRAMING PLAN-FLOOR STEEL-UNITS D & E

SCALE: 1"=20'-0"



KEY PLAN

- NOTES:
- ALL DIAPHRAGMS ARE DI UNLESS NOTED.
 - ALL MATERIAL ASTM A36 UNLESS NOTED.
 - ALL DIMENSIONS PERPENDICULAR TO TRUSS ARE HORIZONTAL.
 - ALL DIMENSIONS PARALLEL TO TRUSS ARE ALONG A STRAIGHT LINE THROUGH L₀ AND L₆ (SEE TRUSS LAYOUT, SHT. 21)

FRAMING PLAN - SPANS 12, 13, 14
F.A.I. RTE. 57 OVER THE MISSISSIPPI RIVER
PROJECT 1-57-9110
SECTION 02-1B-1 (BP-1)
ALEXANDER COUNTY, ILLINOIS
MISSISSIPPI COUNTY, MISSOURI
STA. 1141 + 84.75 TO STA. 1182 + 75.25

ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
105 WABASH AVE CHICAGO, ILLINOIS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET 55022 OF 55022SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1		104	88
CONTRACT NO. 78973				

ILLINOIS FED. AID PROJECT
* Alexander County, IL, Mississippi County, MO

MODEL: Default
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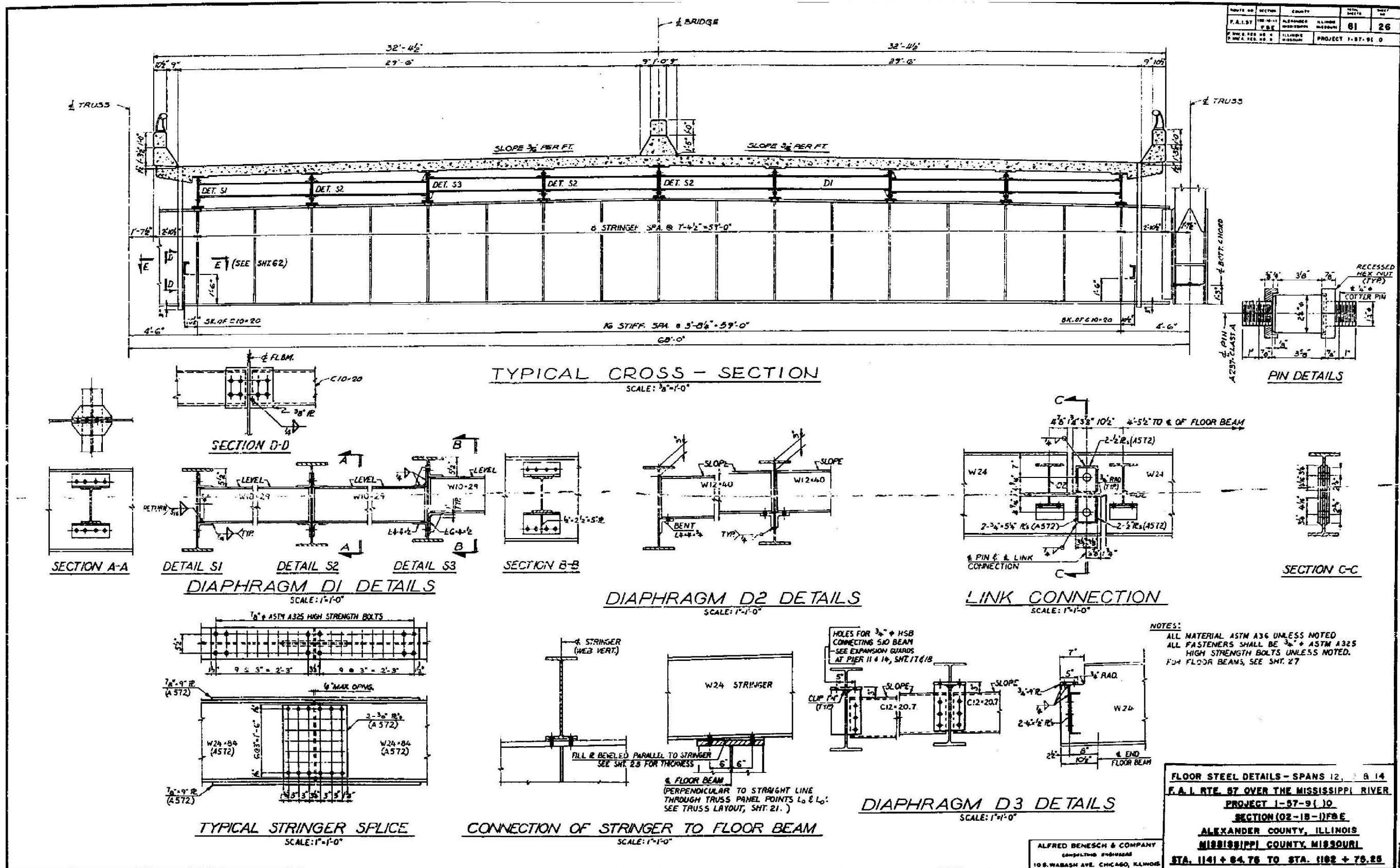
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET 55023 OF 55023SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1		104	89
CONTRACT NO. 78973				

ILLINOIS FED. AID PROJECT
* Alexander County, IL, Mississippi County, MO



FOR INFORMATION ONLY

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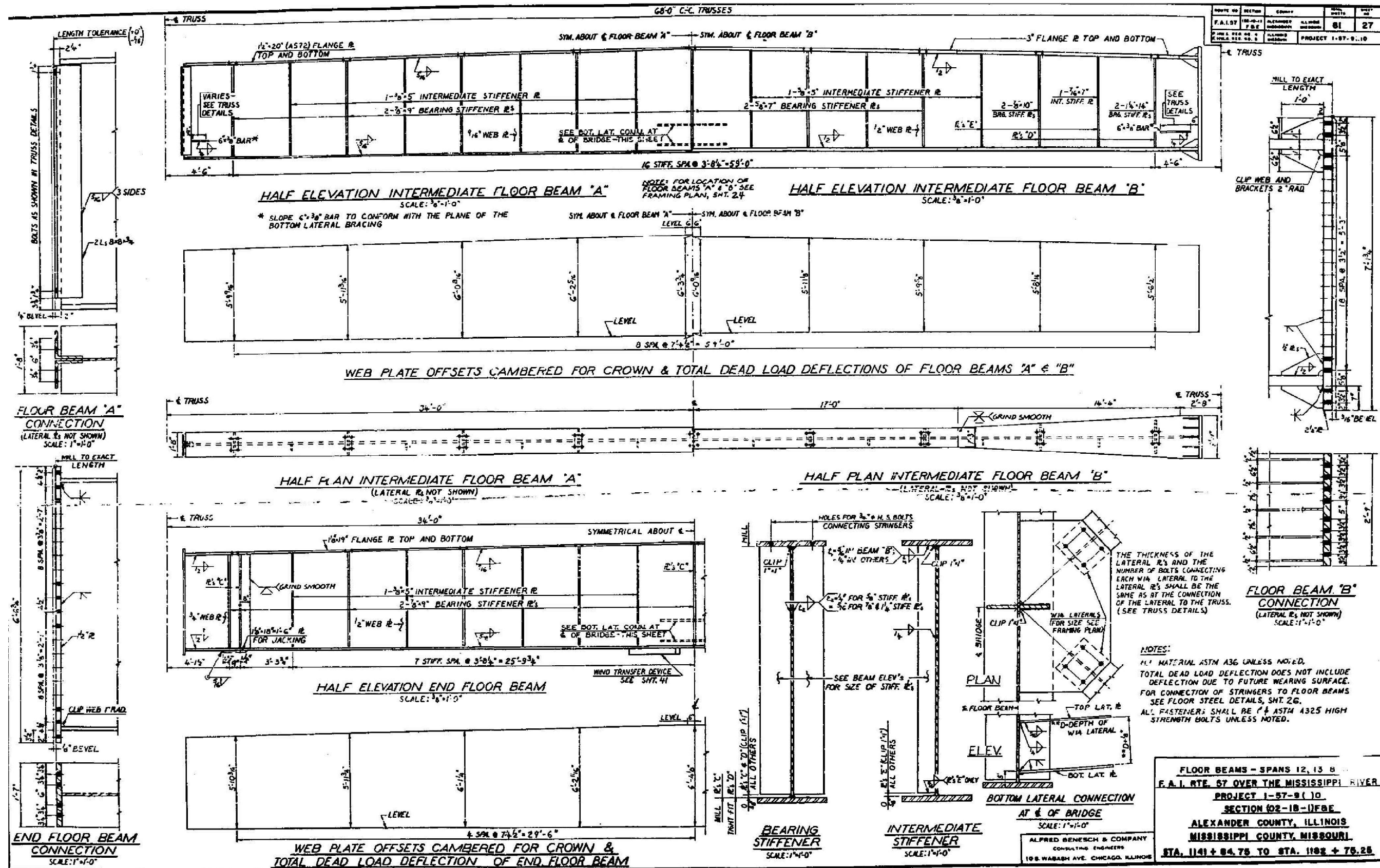
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET 55024 OF 55024SHEETS

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CONTRACT NO. 78973				

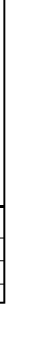
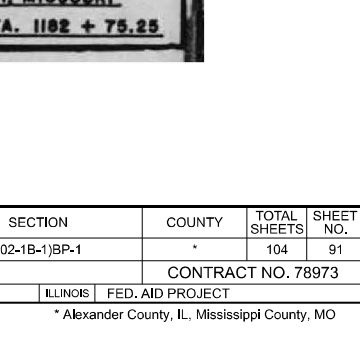
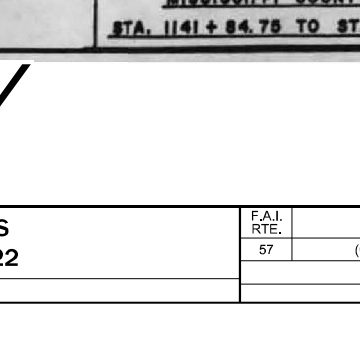
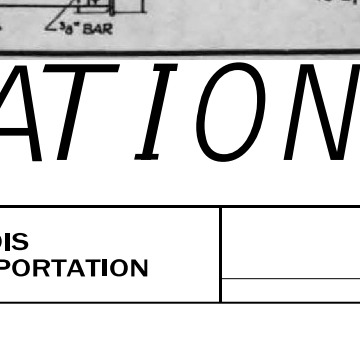
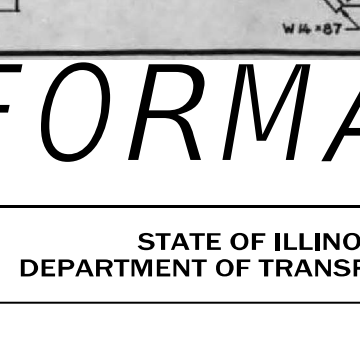
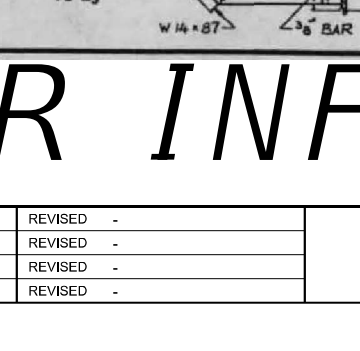
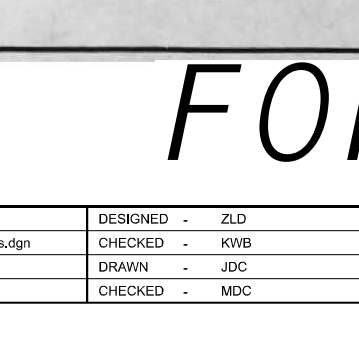
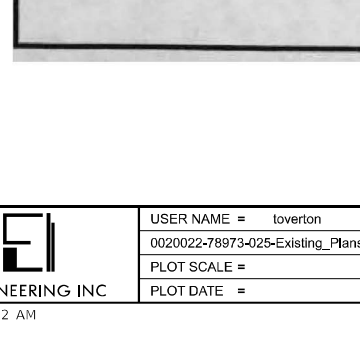
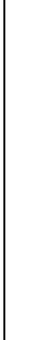
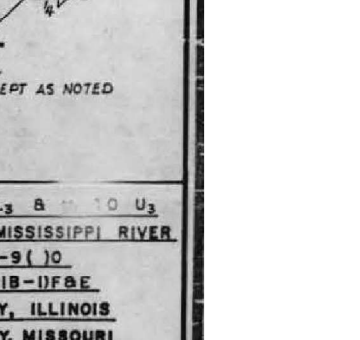
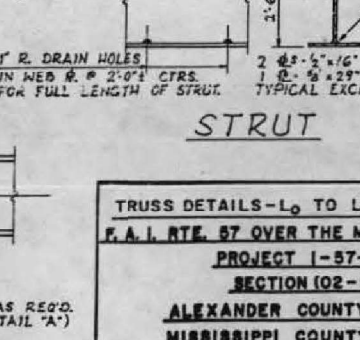
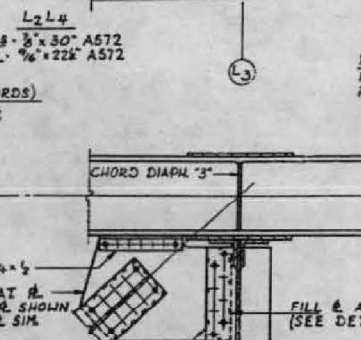
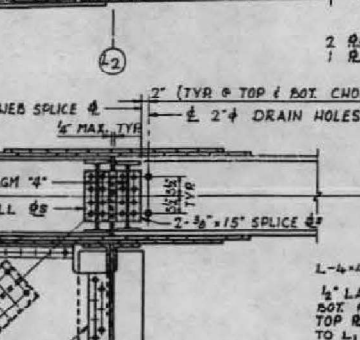
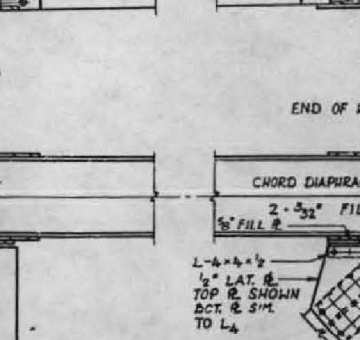
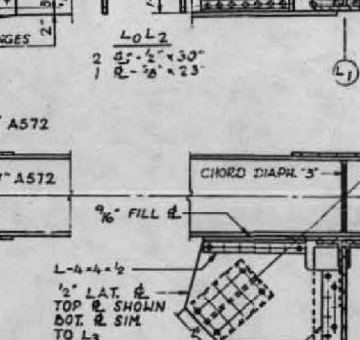
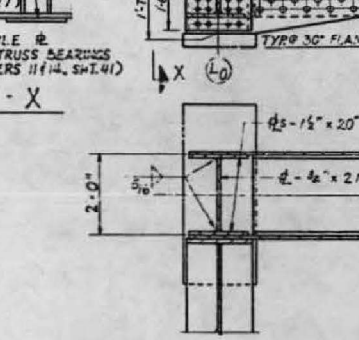
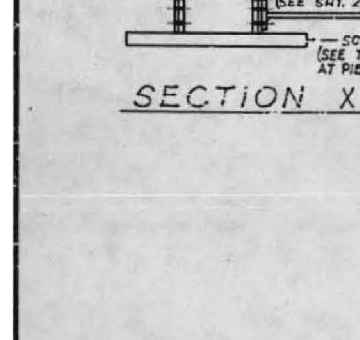
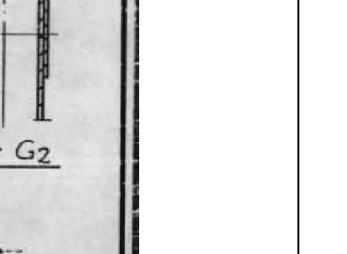
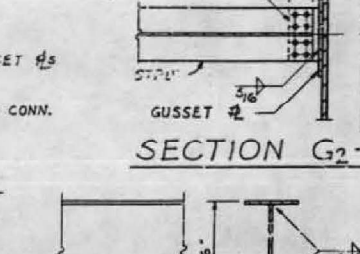
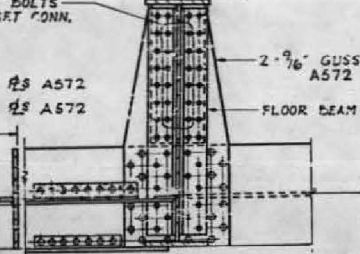
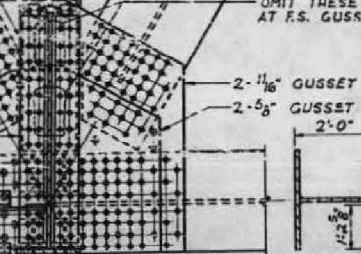
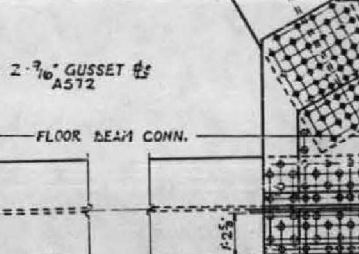
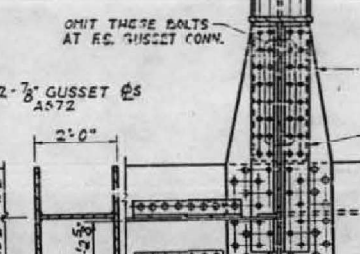
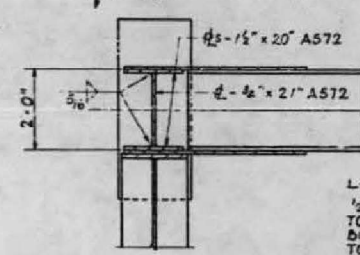
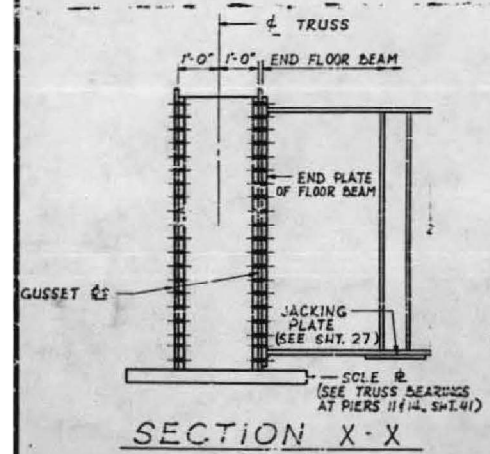
ILLINOIS FED. AID PROJECT
* Alexander County, IL, Mississippi County, MO



FOR INFORMATION ONLY

GENERAL NOTES ON TRUSS DETAILS

ALL MATERIAL SHALL BE ASTM A36 UNLESS NOTED.
 ALL SHOP FASTENERS (DENOTED THUS: +) AND FIELD FASTENERS (DENOTED THUS: +) SHALL BE 1" ASTM A325 HIGH STRENGTH BOLTS. SHOP & FIELD CONNECTIONS MAY BE INTERCHANGED.
 FOR DETAILS OF WEB TO FLANGE FILLET WELDS IN TRUSS MEMBERS AND DETAILS AT CHANGE OF SECTION IN TRUSS MEMBERS (WHERE SECTIONS "WITHIN GUSSETS" AND "OUTSIDE GUSSETS" ARE DIFFERENT) SEE MISCELLANEOUS TRUSS DETAILS, SHT. 39
 FOR DETAILS OF GUSSET PLATE STIFFENERS, GUSSET PLATE DIAPHRAGMS, AND CHORD DIAPHRAGMS SEE MISCELLANEOUS TRUSS DETAILS, SHT. 39
 FOR TOP LATERAL CONNECTIONS ALONG & OF BRIDGE SEE MISCELLANEOUS TRUSS DETAILS, SHT. 39
 FOR BOTTOM LATERAL CONNECTIONS ALONG & OF BRIDGE SEE FLOOR BEAMS, SHT. 29
 FOR DETAILS OF FLOOR BEAM CONNECTIONS SEE SHT. 29
 FOR DETAILS OF SWAY FRAME CONNECTIONS SEE SHT. 40
 FOR DETAILS OF PORTAL CONNECTIONS SEE SHT. 41
 FOR DETAILS OF WEB PLATE CUT-OFF AT ENDS OF DIAGONAL TRUSS MEMBERS, SEE SHT. 37
 ALL NOMINALLY VERTICAL TRUSS MEMBERS AND THE NOMINALLY VERTICAL & OF ALL FLOOR BEAMS "O" BE PERPENDICULAR TO A STRAIGHT LINE THROUGH PANEL POINTS L₀ AND L₆.
 THE WIDTH OF TRUSS MEMBERS, OUT-TO-OUT OF FLANGES, SHALL BE AS FOLLOWS:
 CHORDS: 2'-0" (+1/4", -0")
 DIAGONALS: 2'-0" (+0", -1/4")
 VERTICALS: 2'-0" (+0", -1/4")



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
 STRUCTURE NO. 002-0022

SHEET 55025 OF 55025SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	91
CONTRACT NO. 78973				

ILLINOIS FED. AID PROJECT
 * Alexander County, IL, Mississippi County, MO

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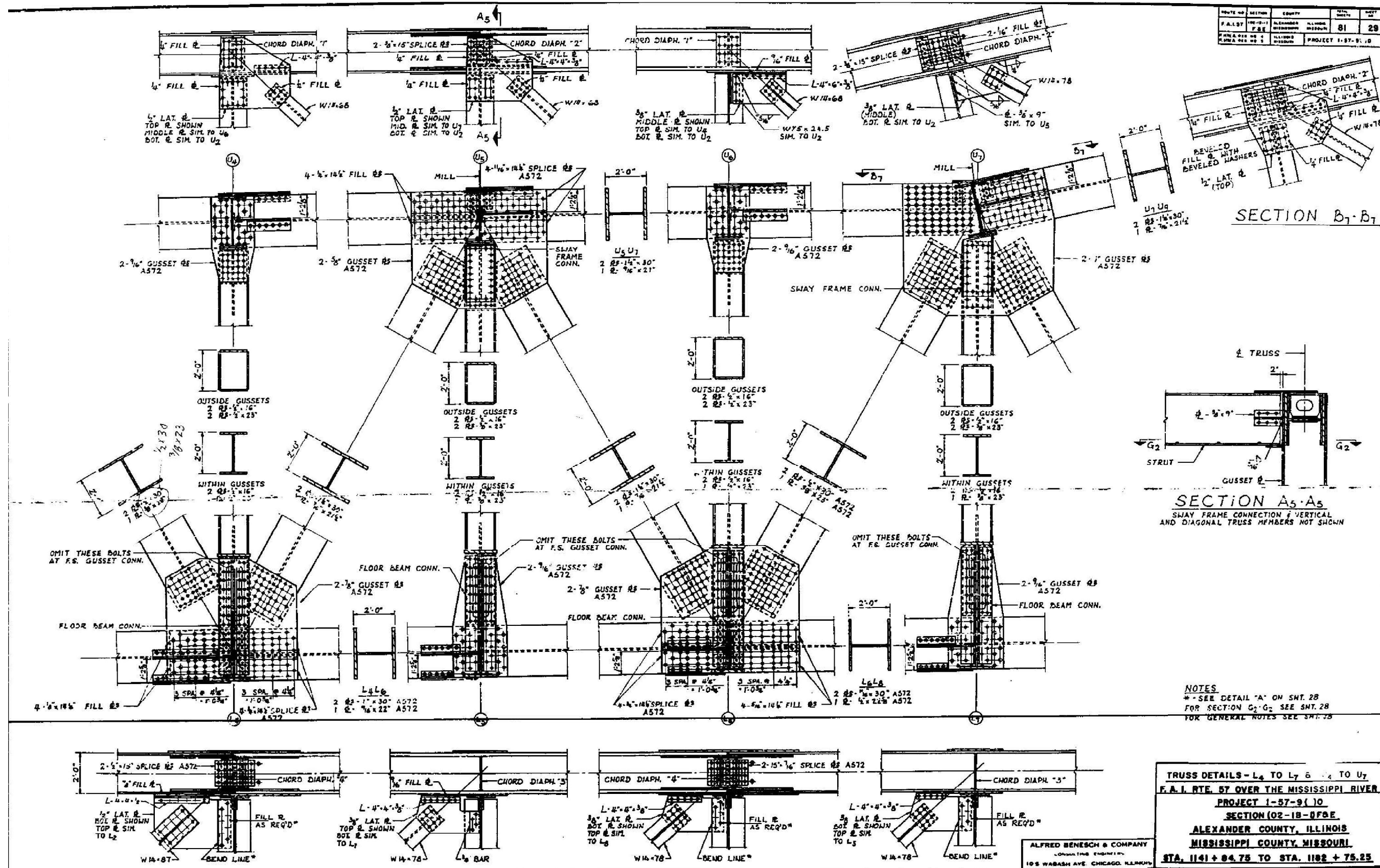
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET 55026 OF 55026SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1		104	92

CONTRACT NO. 78973
ILLINOIS FED. AID PROJECT
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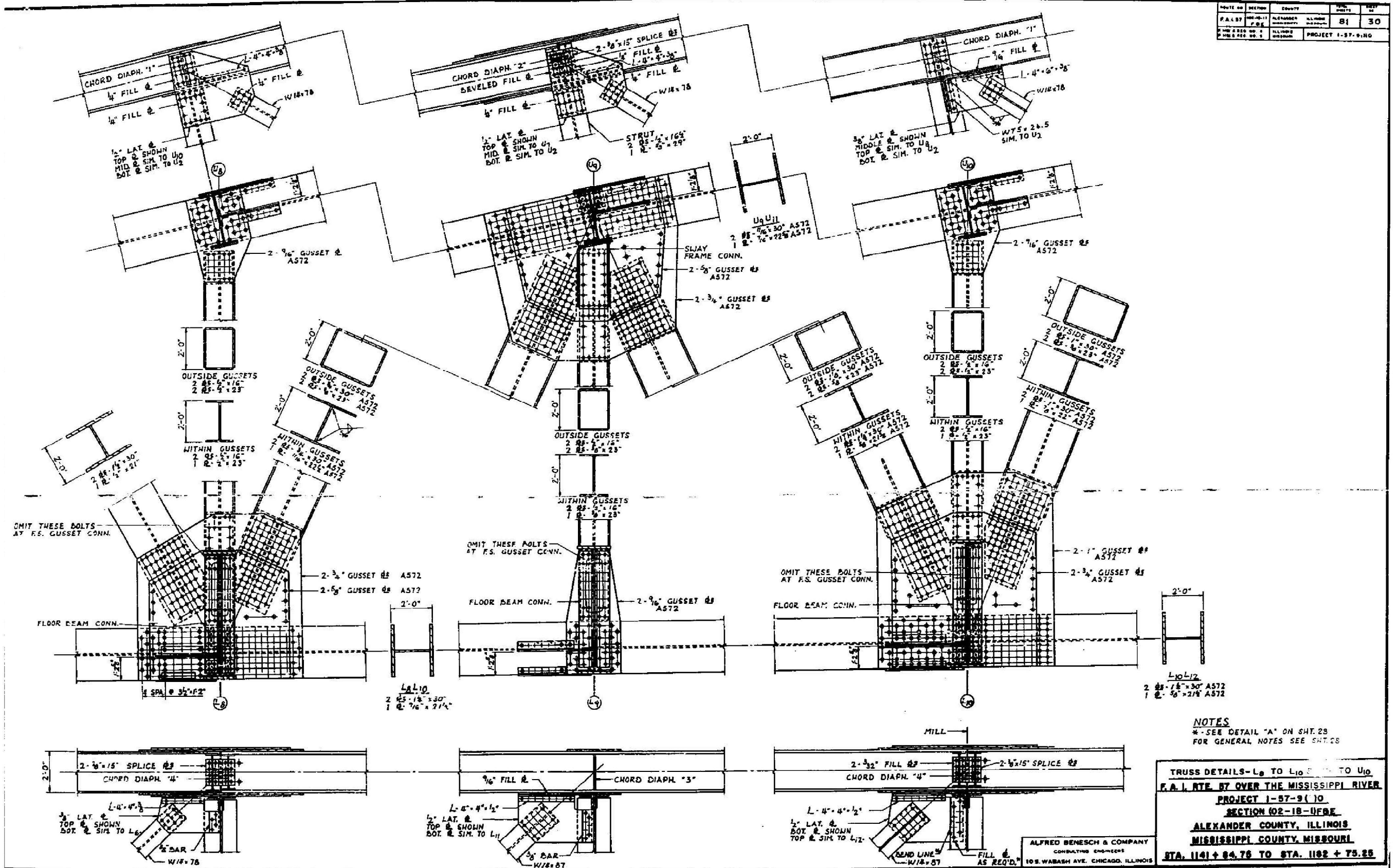
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET 55027 OF 55027SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	93
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				

* Alexander County, IL, Mississippi County, MO



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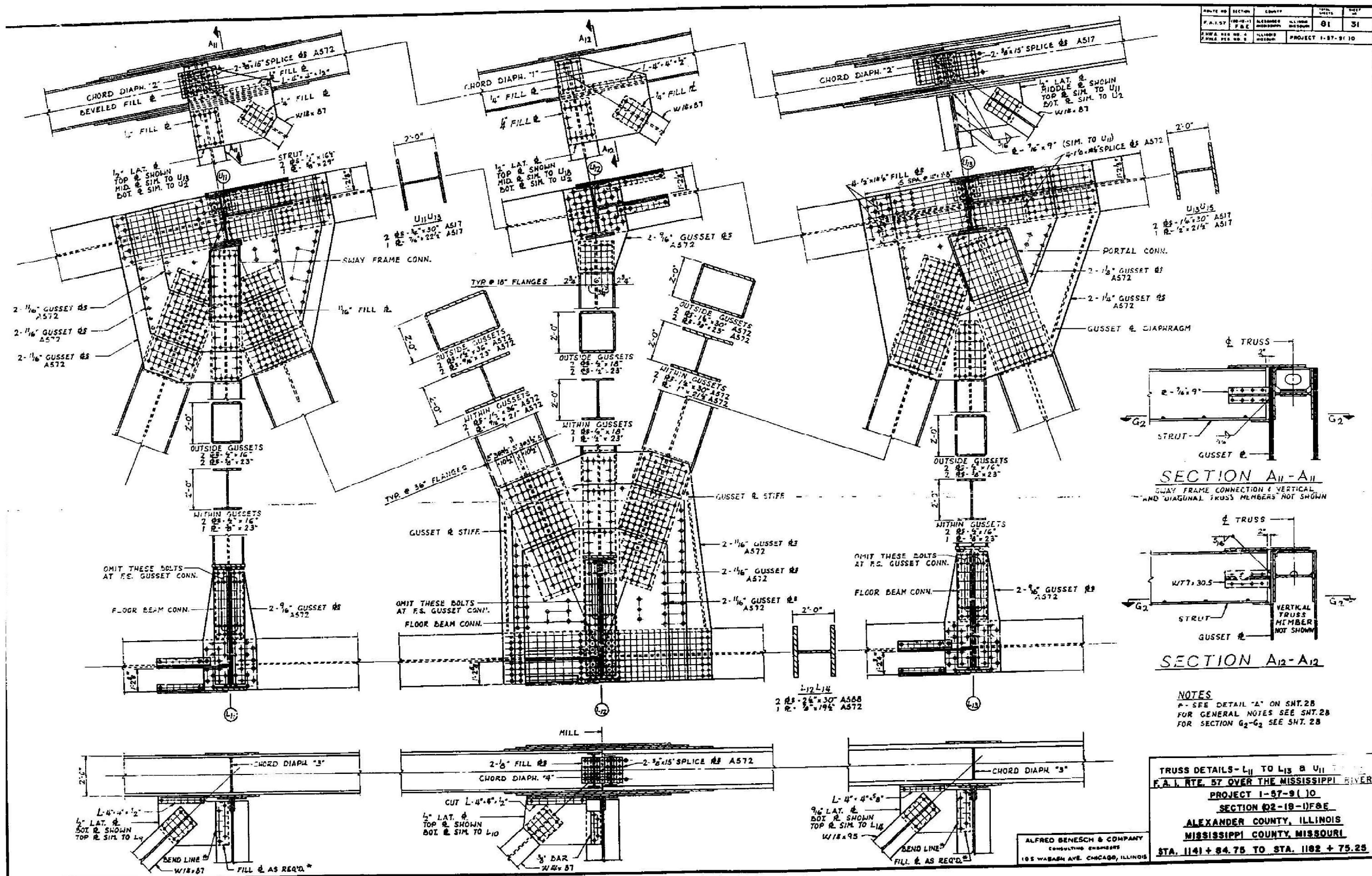
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET 55028 OF 55028SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	94
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
* Alexander County, IL, Mississippi County, MO				



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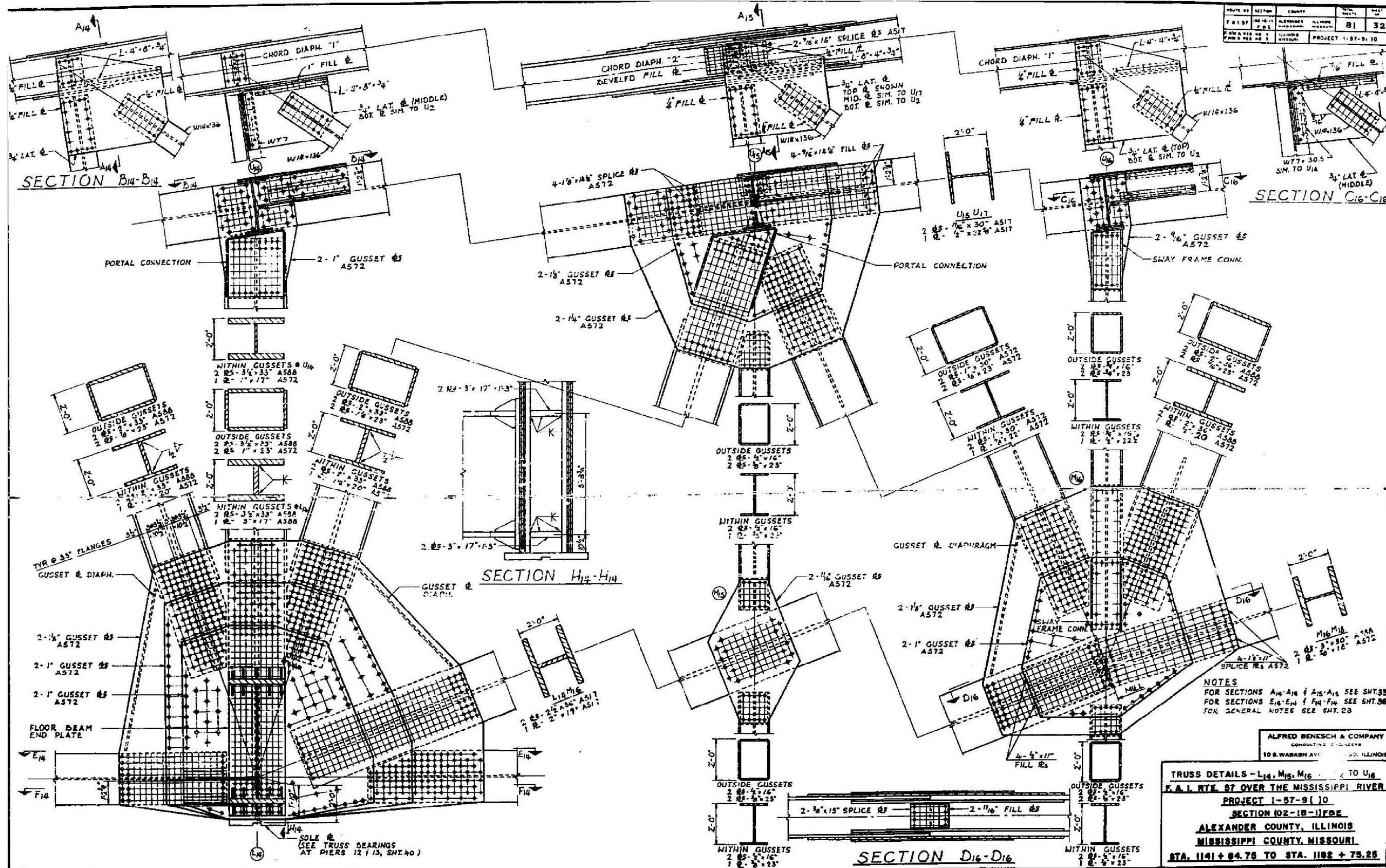
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STRUCTURE NO. 002-0022

SHEET 55029 OF 55029SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1		104	95

CONTRACT NO. 78973

ILLINOIS FED. AID PROJECT
* Alexander County, IL, Mississippi County, MO



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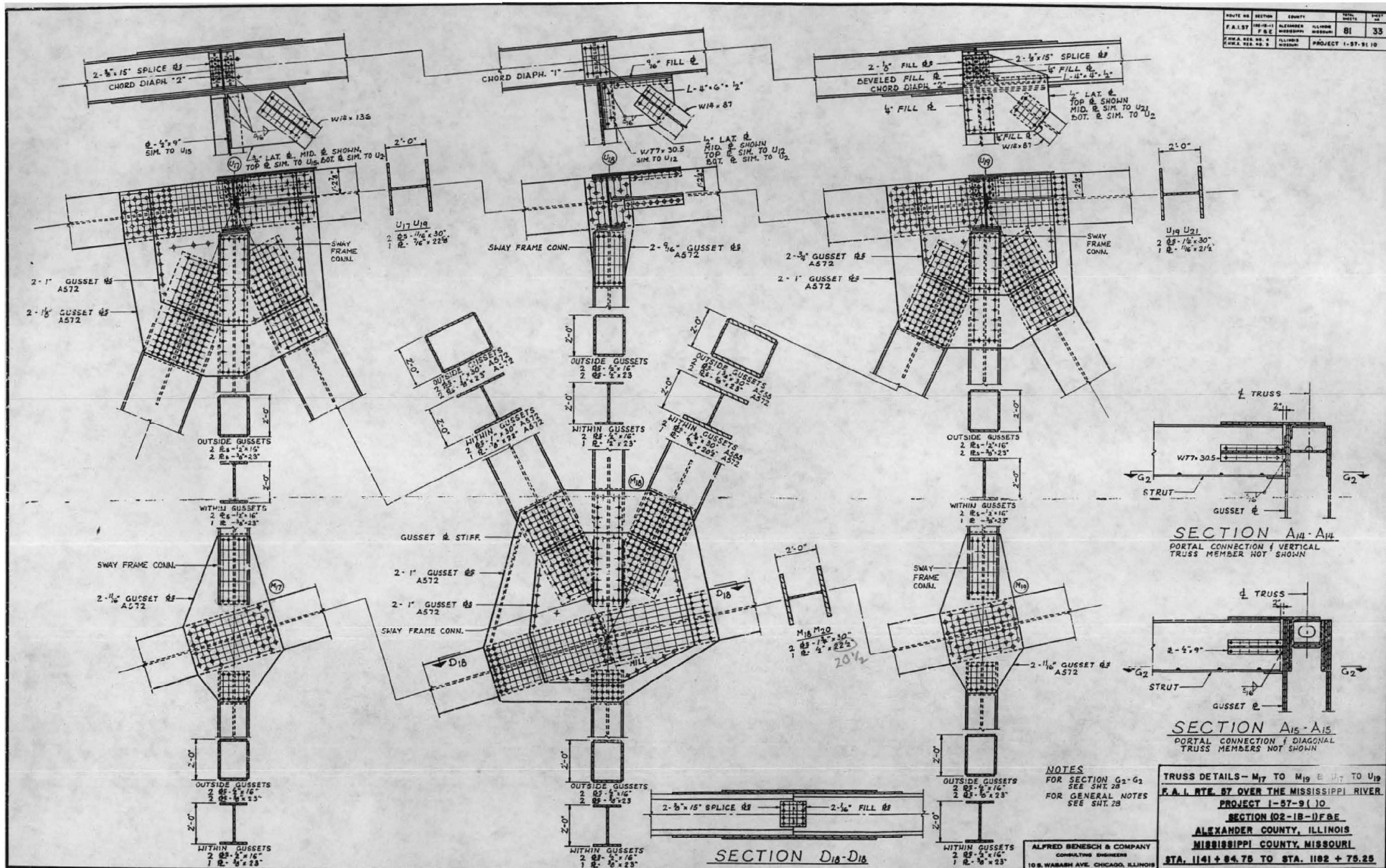
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET \$S030 OF \$S0TSHEETS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. RTE. 57	(02-1B-1)BP-1	ILLINOIS	104	96
CONTRACT NO. 78973				

ILLINOIS FED. AID PROJECT
* Alexander County, IL, Mississippi County, MO



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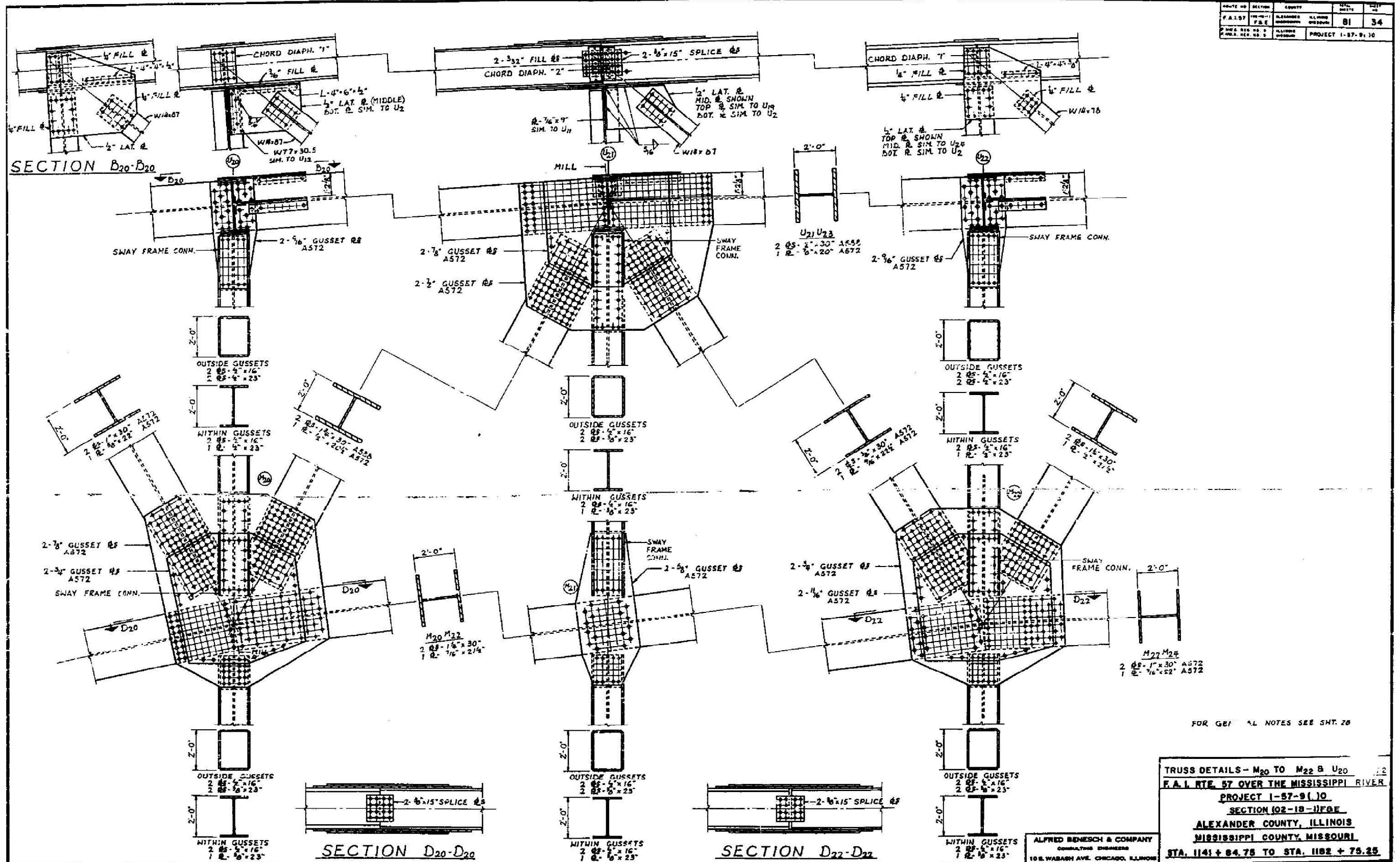
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET 55031 OF 55031SHEETS

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CONTRACT NO. 78973				

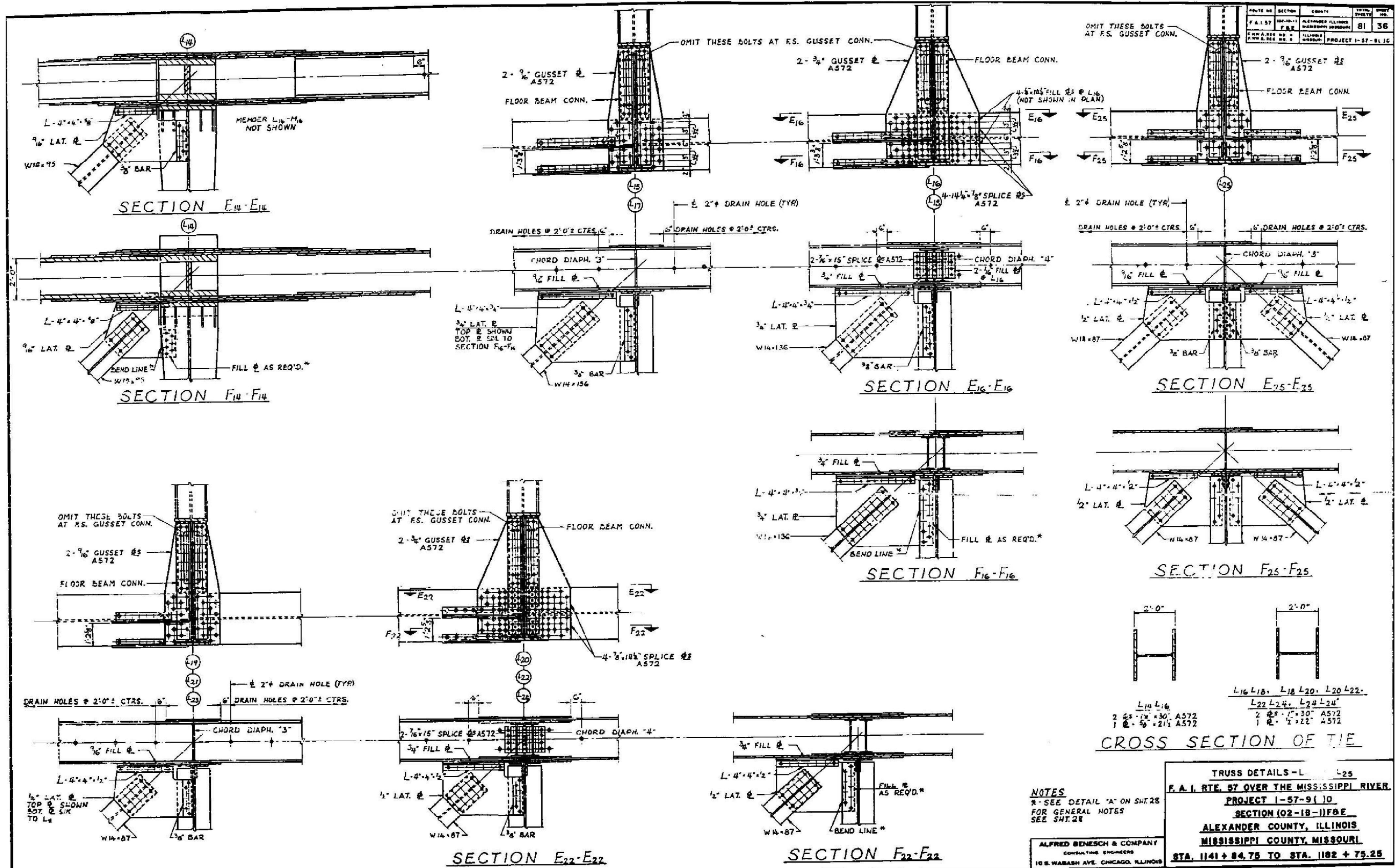
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STATE OF ILLINOIS
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EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET 55033 OF 55033SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-18-1)BP-1		104	99
CONTRACT NO. 78973				

ILLINOIS FED. AID PROJECT
Alexander County, IL, Mississippi County, MO

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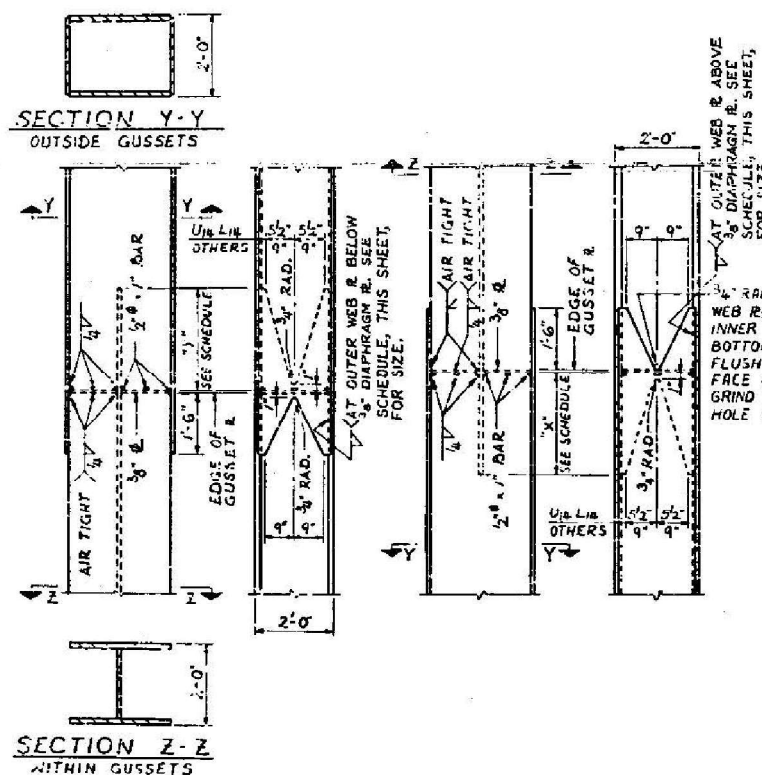
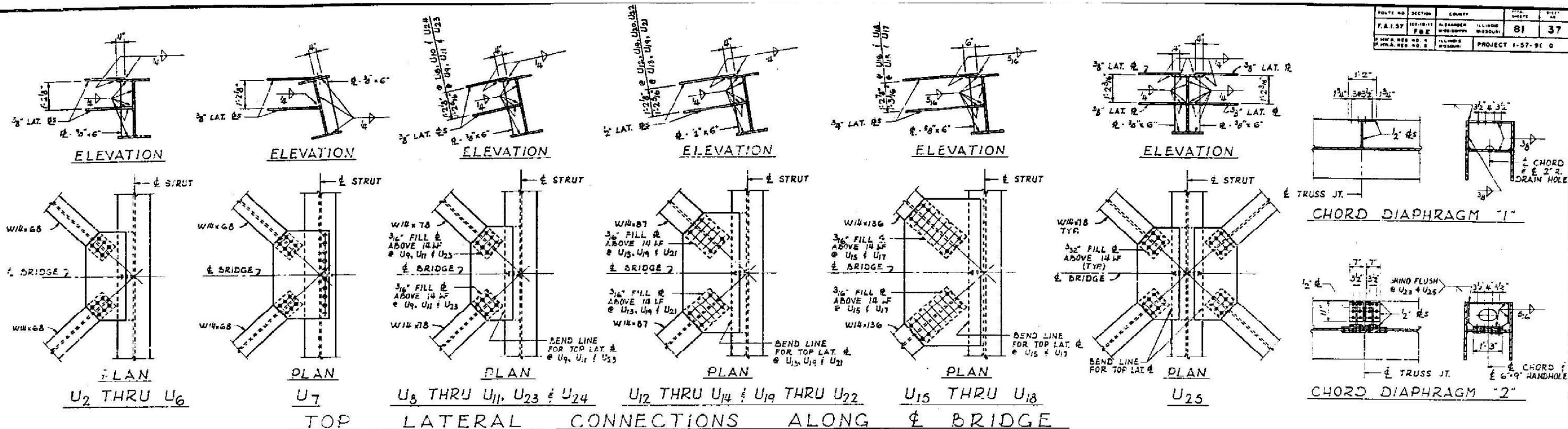
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
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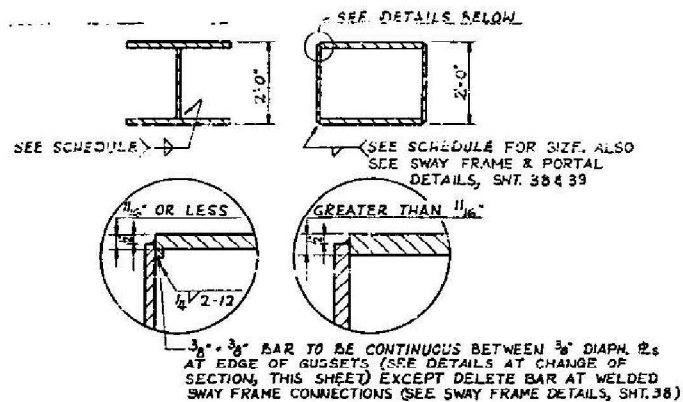
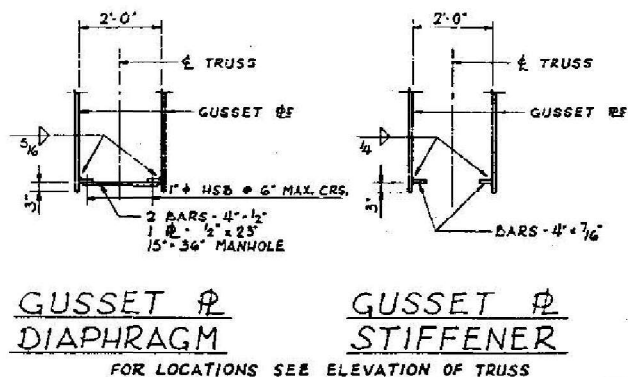
SHEET 55034 OF 55034SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1		104	100
CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
* Alexander County, IL, Mississippi County, MO				



SCHEDULE OF "X" DIMENSIONS

MEMBER	"X"
L ₂ U ₉	3'-0"
U ₉ L ₁₀	2'-0"
L ₁₀ U ₁₁	3'-0"
U ₁₁ L ₁₂	2'-0"
L ₁₂ U ₁₃	3'-0"
U ₁₃ L ₁₄	3'-0"
L ₁₄ U ₁₅	3'-0"
U ₁₅ M ₁₆	3'-0"
M ₁₆ U ₁₇	2'-0"
U ₁₇ M ₁₈	3'-0"
M ₁₈ U ₁₉	2'-0"
U ₁₉ L ₁₄	3'-0"
ALL OTHERS	1'-6"



FILLET WELD SIZES FOR TRUSS MEMBERS*

MATERIAL THICKNESS OF THICKER PART JOINED (IN.)	SIZE OF FILLET WELD (IN.)
TO 3/4" INCL.	1/8"
OVER 3/4" TO 1 1/2"	5/16"
OVER 1 1/2" TO 2 1/4"	3/8"
OVER 2 1/4"	1/2"

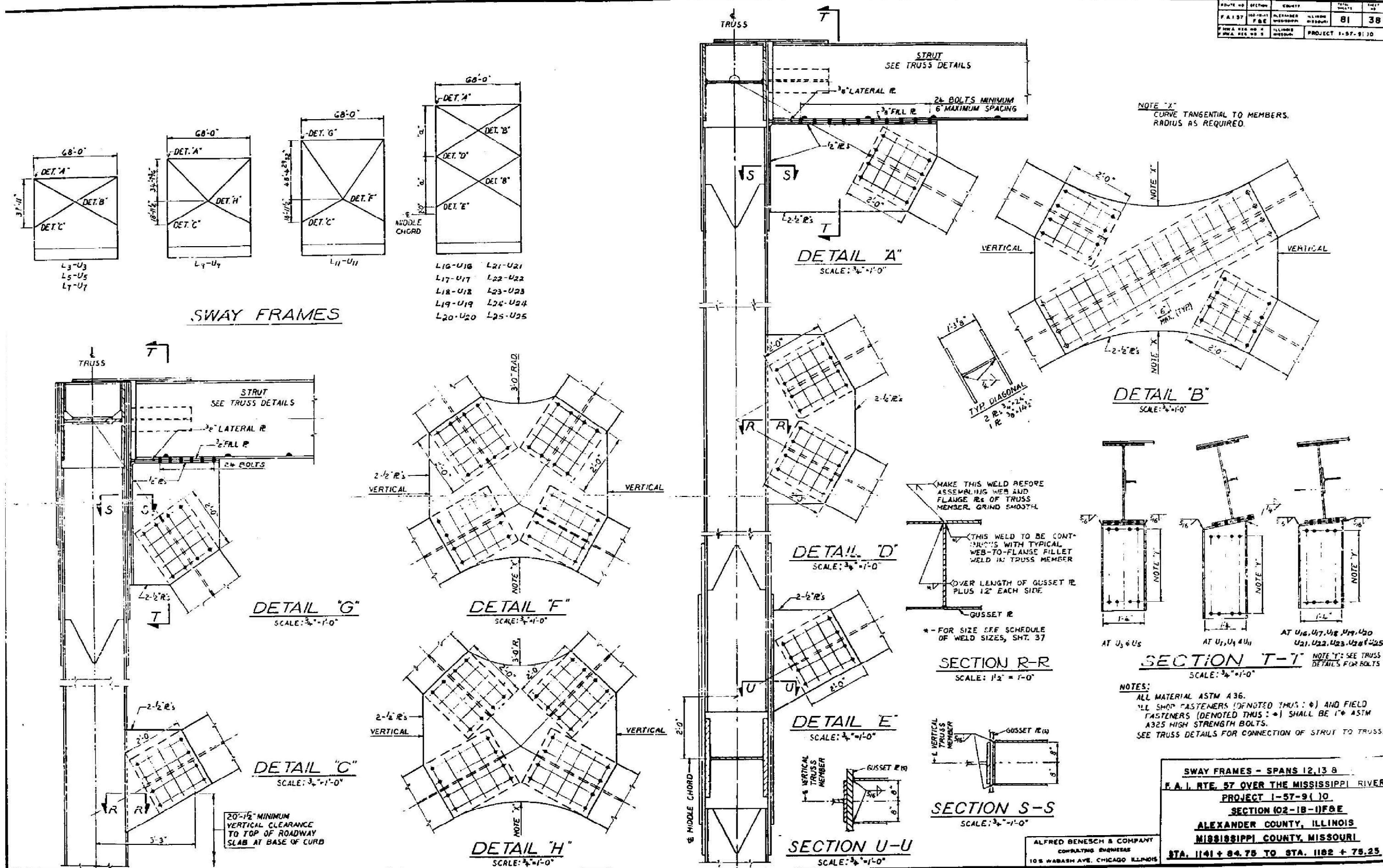
* - UNLESS OTHERWISE NOTED

WELD DETAILS

TRUSS DETAILS - MISCELLANEOUS
F.A.I. RTE. 57 OVER THE MISSISSIPPI RIVER
PROJECT 1-57-91 10
SECTION (02-1B-1)FBE
ALEXANDER COUNTY, ILLINOIS
MISSISSIPPI COUNTY, MISSOURI
STA. 1141 + 84.75 TO STA. 1182 + 75.25

ALFRED BENESCH & COMPANY
CONSULTING ENGINEERS
10 S. WABASH AVE. CHICAGO, ILLINOIS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET \$S035 OF \$STOTSHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(02-1B-1)BP-1	*	104	101
		CONTRACT NO. 78973		
		ILLINOIS FED. AID PROJECT		

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* Alexander County, IL. Mississippi County, MO	

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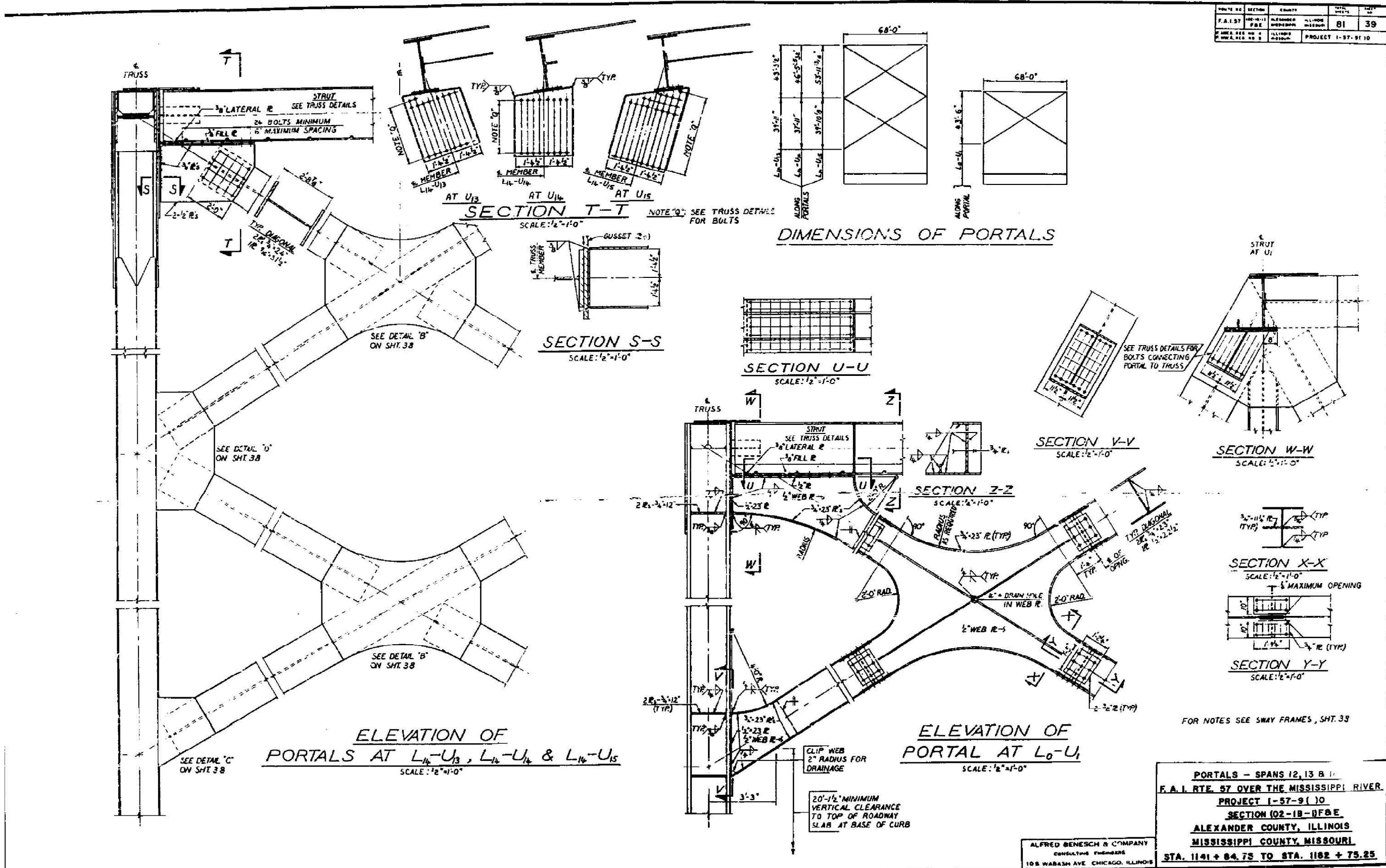
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STATE OF ILLINOIS
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EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET 55036 OF 55036SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 78973				
ILLINOIS FED. AID PROJECT				
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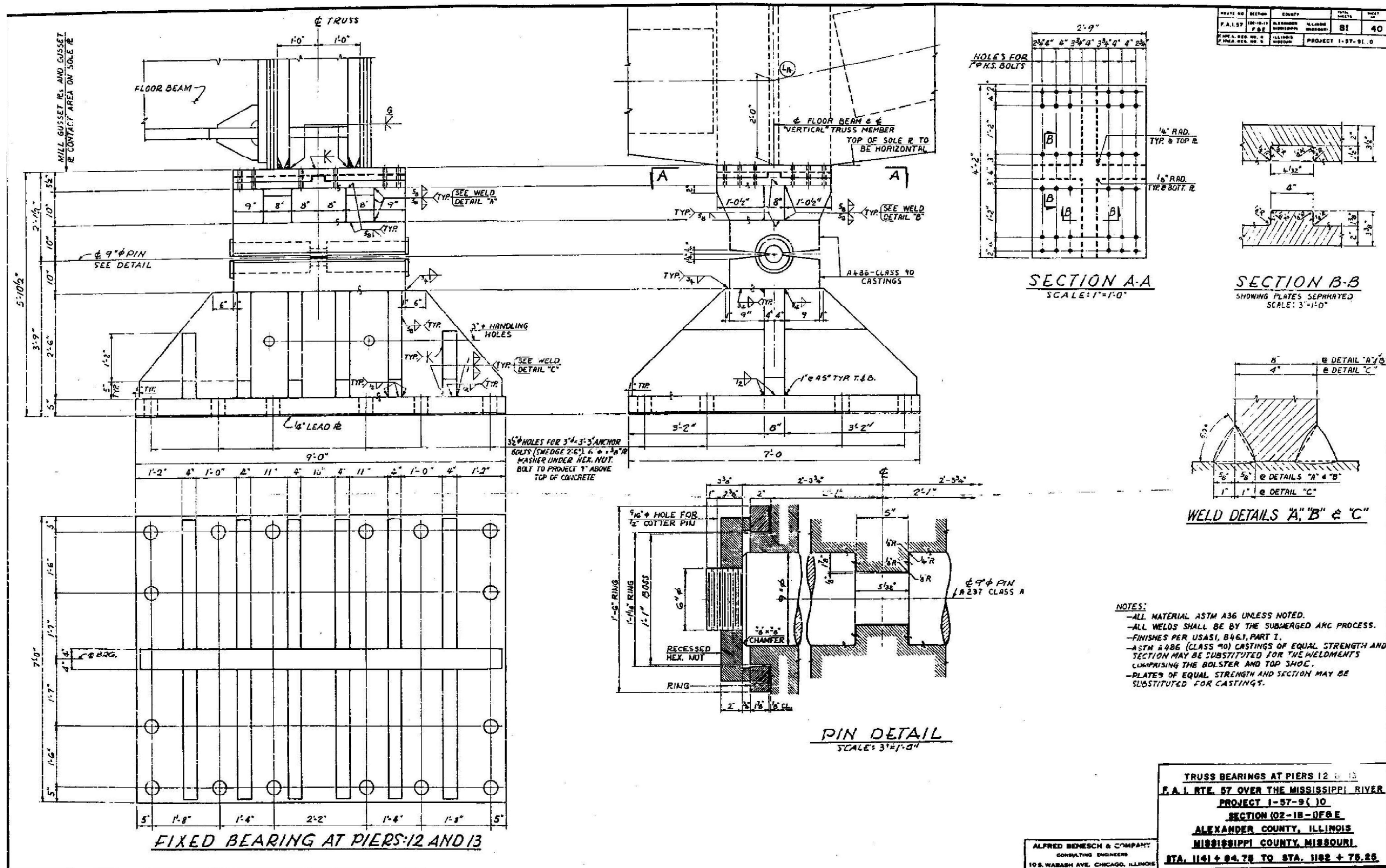
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CONTRACT NO. 78973

ILLINOIS FED. AID PROJECT
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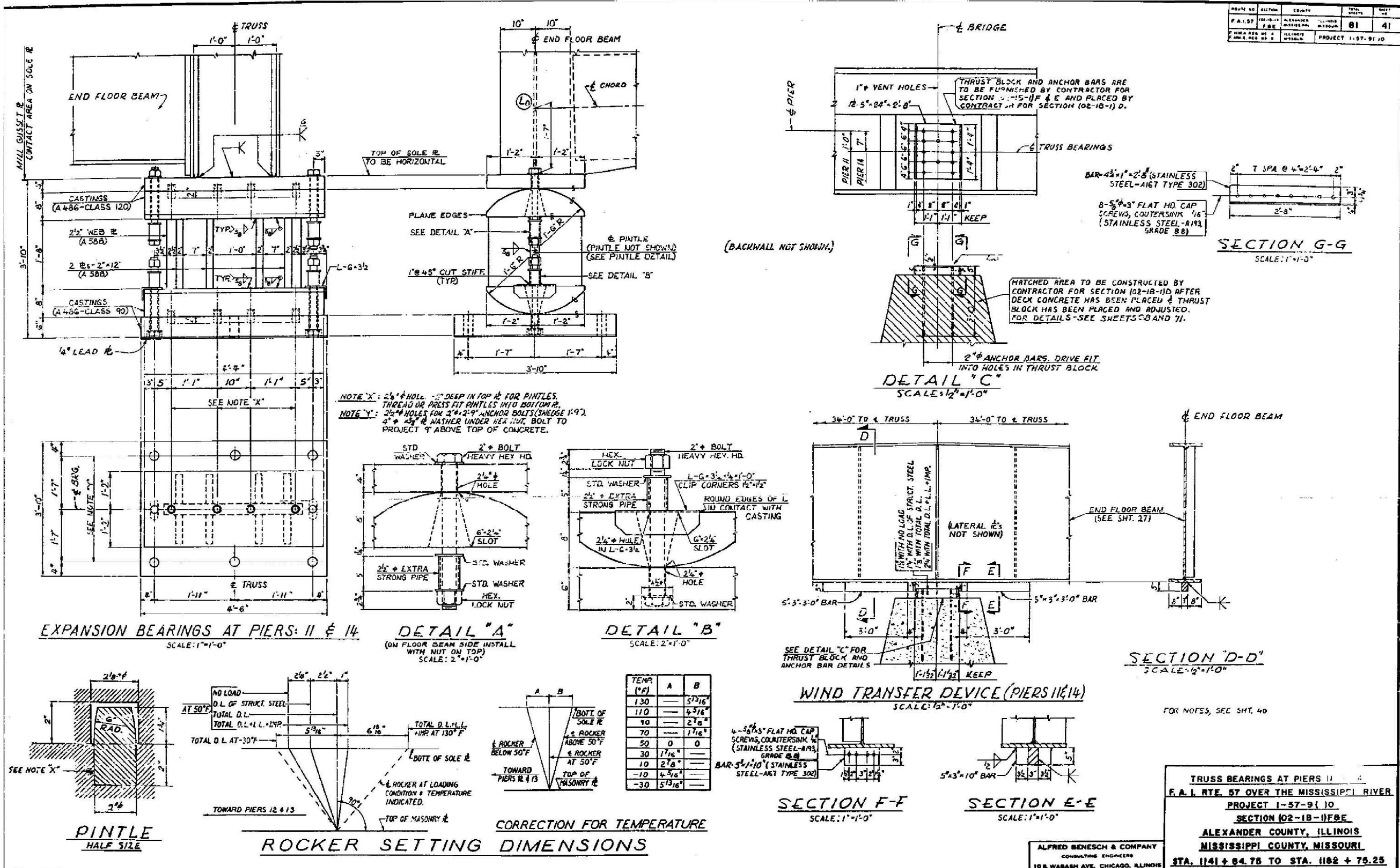
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 002-0022

SHEET 55038 OF 55038SHEETS

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57	(02-1B-1)BP-1		104	104
CONTRACT NO. 78973				

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