

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	1
		ILLINOIS	CONTRACT NO. 72286	

D-96-035-24

FOR INDEX OF SHEETS, SEE SHEET NO.

FOR HIGHWAY STANDARDS, SEE SHEET NO. 2

PROPOSED
HIGHWAY PLANS

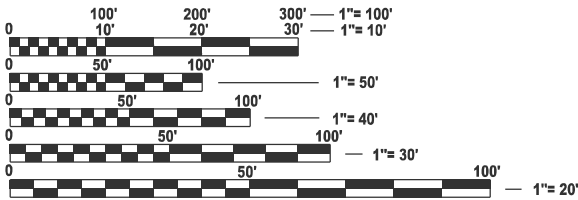
FAI ROUTE 72 (I-72)
SECTION (75-2)BDR,BP
PROJECT NHPP-L10B(819)
BRIDGE DECK OVERLAY, BRIDGE PAINTING
PIKE COUNTY

C-96-055-24

ROADWAY CLASSIFICATION:
INTERSTATE

CRS:
6.0 (2023)

AVERAGE DAILY TRAFFIC:
ADT - 9,400 (2023)
(MU = 31.9%, SU = 3.5%, PV = 64.6%)

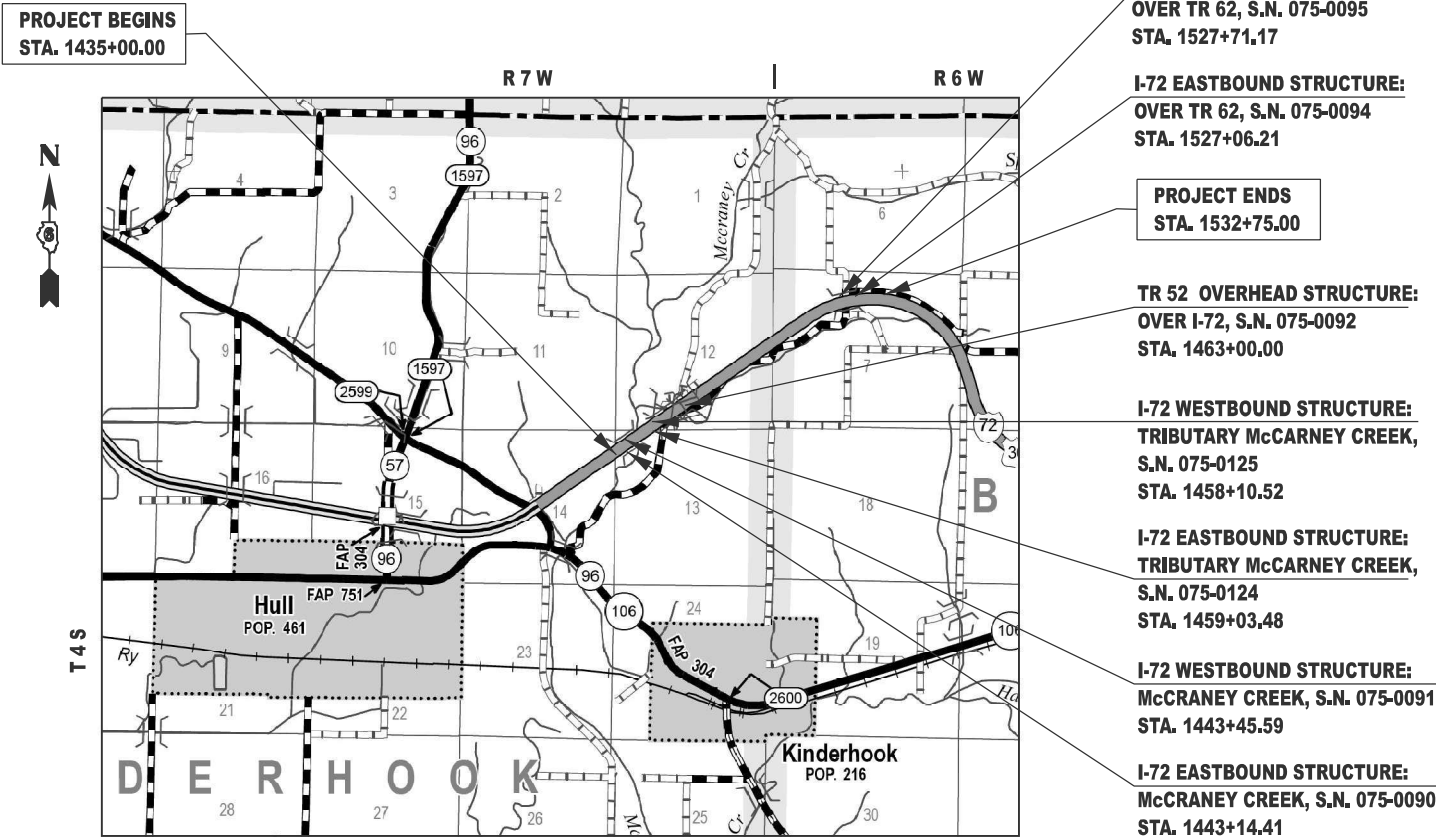


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: BRIAN LANINGHAM (217) 782-6990
PROJECT MANAGER: RENE CABRERA (217) 558-5140

CONTRACT NO. 72286



LOCATION MAP

GROSS LENGTH = 9,775.000 FT. = 1.851 MILE
NET LENGTH = 4,025.000 FT. = 0.762 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 25, 2025
Lora Ramsey REGIONAL ENGINEER

August 15, 2025
Scott A. Etkin ENGINEER OF DESIGN AND ENVIRONMENT

August 15, 2025
Chadley DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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GENERAL NOTES

1.
- SYNTHETIC FIBERS ARE NOT REQUIRED IN THE BRIDGE DECK MICROSILICA CONCRETE OVERLAY.
2.
- UPON COMPLETION OF PAINTING OPERATIONS, THE CONTRACTOR SHALL REMOVE ALL DEBRIS FROM PIER AND ABUTMENT CAPS UPON WHICH PAINTING OPERATIONS TOOK PLACE. FINAL CLEANUP SHALL BE INCLUDED IN THE COST OF THE PAINT PAY ITEM FOR THE RESPECTIVE LOCATION. THE ENGINEER SHALL HAVE THE RIGHT TO WITHOLD PAYMENT UNTIL SATISFACTOR CLEANUP IS ACHIEVED.

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
482011-03	HMA SHOULDER STRIPS / SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
483001-06	PCC SHOULDER
606001-08	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
610001-09	SHOULDER INLET WITH CURB
630001-13	STEEL PLATE BEAM GUARDRAIL
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15 FT TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15 FT AWAY
701201-05	LANE CLOSURE, 2L 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701400-12	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY / EXPRESSWAY
701402-12	LANE CLOSURE, FREEWAY/EXPRESSWAY WITH BARRIER
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701901-10	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND STANDARD BARRIER WALL REFLECTOR MOUNTING DETAILS
001001-02	AREA OF REINFORCEMENT BARS
420001-10	PAVEMENT JOINTS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
642001-03	SHOULDER RUMBLE STRIPS, 16 IN.

APPLICATION RATES

HMA SURFACE / BINDER	0.056 TONS / (SQ YD * INCH)
BITUMINOUS MATERIALS - TACK	0.05 LB / SQ FT (MILLED SURFACE)
BITUMINOUS MATERIALS - TACK	0.025 LB / SQ FT (BETWEEN LIFTS)
AGGREGATES (TY B & TY C)	1.60 TONS / CU YD

COMMITMENTS

NONE

MIX DESIGNS

LOCATION	I-72 MAINLINE AND SHOULDER OVERLAY	I-72 SHOULDER
MIXTURE USE	HMA SURFACE COURSE	HMA BASE COURSE
PG	SBS PG 70-22 OR SBS PG 70-28	PG 64-22
DESIGN AIR VOIDS	4.0% @ N70	4.0% @ N70
MIXTURE COMPOSITION	IL-9,5	IL-19,0
FRICTION AGGREGATE	MIX "D"	N/A
MIXTURE WEIGHT	112 LB/SY*IN	112 LB/SY*IN
QUALITY MANAGEMENT	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A
MATERIAL TRANSFER DEVICE REQUIRED	NO	NO

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6

EXAMINED June 5, 20 25

ENGINEER OF OPERATIONS

EXAMINED June 6, 20 25

ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED June 6, 20 25

ENGINEER OF PROGRAM DEVELOPMENT

REV - MS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
FAI 72 (I-72)

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	2
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

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

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MODEL: SQQ (Sheet) - 1
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-01132-0000	6-01132-0000	6-01132-0000	6-01132-0000
				NHPP FUNDING 90% FEDERAL 10% STATE	NHPP FUNDING 90% FEDERAL 10% STATE	NHPP FUNDING 90% FEDERAL 10% STATE	NHPP FUNDING 90% FEDERAL 10% STATE
				SN 075-0090 / 0091	SN 075-0124 / 0125	SN 075-0094 / 0095	075-0092
				0047	0047	0047	0047
				RURAL	RURAL	RURAL	RURAL
20200100	EARTH EXCAVATION	CU YD	2,319	777	793	749	
31102300	SUBBASE GRANULAR MATERIAL, TYPE C 6"	SQ YD	10,433	3496	3568	3369	
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	10,433	3,496	3,568	3,369	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,351	955	902	494	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	3,766	1245	1245	1276	
40600990	TEMPORARY RAMP	SQ YD	324	107	107	110	
40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	352	126	121	105	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	265	98	99	68	
44004250	PAVED SHOULDER REMOVAL	SQ YD	10,049	3351	3423	3275	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	99	29	30	40	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	270	83	76	111	
50102400	CONCRETE REMOVAL	CU YD	105.5	33.5	72.0		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	105.5	33.5	72.0		
50300300	PROTECTIVE COAT	SQ YD	7445	5263	1311	871	

REV - MS

	USER NAME = frank.caraballo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F A I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					72	(75-2)BDR,BP	PIKE	90	3
		CHECKED -	REVISED -					CONTRACT NO. 72286				
	PLOT DATE = 6/19/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 5	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-01132-0000	6-01132-0000	6-01132-0000	6-01132-0000
				NHPP FUNDING 90% FEDERAL 10% STATE	NHPP FUNDING 90% FEDERAL 10% STATE	NHPP FUNDING 90% FEDERAL 10% STATE	NHPP FUNDING 90% FEDERAL 10% STATE
				SN 075-0090 / 0091	SN 075-0124 / 0125	SN 075-0094 / 0095	075-0092
				0047	0047	0047	0047
				RURAL	RURAL	RURAL	RURAL
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	2				2
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1			1	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.33	0.33	0.34	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	5	5	4	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,750	655	561	534	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	584	219	187	178	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	4,562	1,974	1,113	875	600
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	4,562	1,974	1,113	875	600
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	8	2	2	2	2
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	8	2	2	2	2
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	15,229	6533	4616	4080	
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	34	10	12	12	
* 78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	158	79	45	34	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	34	10	12	12	

* SPECIALTY ITEM

REV - MS

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		DRAWN -	REVISED -					72	(75-2)BDR,BP	PIKE	90	5
		CHECKED -	REVISED -					CONTRACT NO. 72286				
	PLOT DATE = 6/26/2025	DATE -	REVISED -		SCALE:	SHEET 3	OF 5	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-01132-0000	6-01132-0000	6-01132-0000	6-01132-0000
				NHPP FUNDING 90% FEDERAL 10% STATE	NHPP FUNDING 90% FEDERAL 10% STATE	NHPP FUNDING 90% FEDERAL 10% STATE	NHPP FUNDING 90% FEDERAL 10% STATE
				SN 075-0090 / 0091	SN 075-0124 / 0125	SN 075-0094 / 0095	075-0092
				0047	0047	0047	0047
				RURAL	RURAL	RURAL	RURAL
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	3,698	1257	1276	1165	
X0325748	ACRYLIC COATING	SQ YD	26.6	14.6	12.0		
X0325749	FIBER WRAP	SQ FT	236	130	106		
X4201510	P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL)	SQ YD	148		110	38	
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	4,453	3154	777	522	
X5060601	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES NO. 1	L SUM	1				1
X6010003	PIPE DRAIN REMOVAL	FOOT	177		84	93	
X6320100	GUARDRAIL REMOVAL (SPECIAL)	FOOT	2,004	540	677	787	
X7010208	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402 (SPECIAL)	EACH	2	0.67	0.67	0.66	
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1	0.33	0.33	0.34	
Z0001495	BRIDGE APPROACH SHOULDER REMOVAL	SQ YD	386	145	146	95	
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	126.5	47.3	79.2		
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1				1
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	7,424	5257	1,296	871	

REV - MS

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		DRAWN -	REVISED -					72	(75-2)BDR,BP	PIKE	90	6
		CHECKED -	REVISED -					CONTRACT NO. 72286				
	PLOT DATE = 6/19/2025	DATE -	REVISED -		SCALE:	SHEET 4	OF 5	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL: SOQ [Sheet] - 5
FILE NAME: c:\p\work\pilot\caraballo\00986226\0672286-shu-SOQ.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	6-01132-0000	6-01132-0000	6-01132-0000	6-01132-0000
				NHPP FUNDING 90% FEDERAL 10% STATE	NHPP FUNDING 90% FEDERAL 10% STATE	NHPP FUNDING 90% FEDERAL 10% STATE	NHPP FUNDING 90% FEDERAL 10% STATE
				SN 075-0090 / 0091	SN 075-0124 / 0125	SN 075-0094 / 0095	075-0092
				0047	0047	0047	0047
				RURAL	RURAL	RURAL	RURAL
Z0012166	BRIDGE DECK MICROSILICA CONCRETE OVERLAY 2 3/4"	SQ YD	7,424	5257	1,296	871	
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	200	95	105		
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	6	2	2	2	
Z0021906	SILICONE JOINT SEALER, 1.5"	FOOT	96			96	
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	6,683	4732	1167	784	
Z0041895	POLYMER CONCRETE	CU FT	15			15	
Z0076600	TRAINEES	HOUR	2000	2000			
Z0043800	PRECAST PRESTRESSED CONCRETE I-BEAM REPAIR	SQ FT	37.7	15.9	21.8		
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2000	2000			

Ø 0042

REV - MS

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		DRAWN -	REVISED -					72	(75-2)BDR,BP	PIKE	90	7
		CHECKED -	REVISED -					CONTRACT NO. 72286				
	PLOT DATE = 6/26/2025	DATE -	REVISED -		SCALE:	SHEET 5	OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Schedule [Sheet] - 1
FILE NAME: c:\paw_work\paw\caraballo\00988226\0672286-sh-Schedule.dgn

PRE-STAGE / STAGE I SCHEDULE											
STRUCTURE NUMBER (S.N.)	STATION	TO	STATION	LOCATION	LENGTH	WIDTH	44004250 PAVED SHOULDER REMOVAL	35501324 HMA BASE COURSE 10	20200100 EARTH EXCAVATION 8" DEPTH	31102300 SUB-BASE GRANULAR MATERIAL, TY C, 6"	Z0001495 BRIDGE APPROACH SHOULDER REMOVAL
					(FOOT)	(FOOT)	(SQYD)	(SQYD)	(CUYD)	(SQYD)	(SQYD)
EASTBOUND I-72											
SN 075-0090	1435+50.00	-	1439+78.00	RT	428.00	10.0	475.6	475.6	105.7	475.6	
SN 075-0090	1439+78.00	-	1439+99.00	RT	21.00	10.0		23.3	5.2	23.3	23.3
SN 075-0090	1445+89.00	-	1446+09.00	RT	20.00	10.0		22.2	4.9	22.2	22.2
SN 075-0090	1446+09.00	-	1452+23.00	RT	614.00	10.0	682.2	682.2	151.6	682.2	
SN 075-0124	1452+23.00	-	1458+37.00	RT	614.00	10.0	682.2	682.2	151.6	682.2	
SN 075-0124	1458+37.00	-	1458+60.00	RT	23.00	10.0		25.6	5.7	25.6	25.6
SN 075-0124	1460+04.00	-	1460+23.00	RT	19.00	10.0		21.1	4.7	21.1	21.1
SN 075-0124	1460+23.00	-	1464+50.00	RT	427.00	10.0	474.4	474.4	105.4	474.4	
SN 075-0094	1521+50.00	-	1526+40.00	RT	490.00	10.0	544.4	544.4	121.0	544.4	
SN 075-0094	1526+40.00	-	1526+52.00	RT	12.00	10.0		13.3	3.0	13.3	13.3
SN 075-0094	1527+50.00	-	1527+65.00	RT	15.00	10.0		16.7	3.7	16.7	16.7
SN 075-0094	1527+65.00	-	1532+25.00	RT	460.00	10.0	511.1	511.1	113.6	511.1	
SN 075-0090	1437+00.00	-	1440+02.00	LT	302.00	6.0	201.3	201.3	44.7	201.3	
SN 075-0090	1440+02.00	-	1440+22.00	LT	20.00	6.0		13.3	3.0	13.3	13.3
SN 075-0090	1446+12.00	-	1446+32.00	LT	20.00	6.0		13.3	3.0	13.3	13.3
SN 075-0090	1446+32.00	-	1452+09.50	LT	577.50	6.0	385.0	385.0	85.6	385.0	
SN 075-0124	1452+09.50	-	1457+87.00	LT	577.50	6.0	385.0	385.0	85.6	385.0	
SN 075-0124	1457+87.00	-	1458+13.00	LT	26.00	6.0		17.3	3.9	17.3	17.3
SN 075-0124	1459+56.00	-	1459+73.00	LT	17.00	6.0		11.3	2.5	11.3	11.3
SN 075-0124	1459+73.00	-	1462+75.00	LT	302.00	6.0	201.3	201.3	44.7	201.3	
SN 075-0094	1521+75.00	-	1526+49.00	LT	474.00	6.0	316.0	316.0	70.2	316.0	
SN 075-0094	1526+49.00	-	1526+62.00	LT	13.00	6.0		8.7	1.9	8.7	8.7
SN 075-0094	1527+60.00	-	1527+71.00	LT	11.00	6.0		7.3	1.6	7.3	7.3
SN 075-0094	1527+71.00	-	1532+25.00	LT	454.00	6.0	302.7	302.7	67.3	302.7	
EB SN 075-0090 SUB-TOTAL =							1,744	1,816	404	1,816	72
EB SN 075-0124 SUB-TOTAL =							1,743	1,818	404	1,818	75
EB SN 075-0094 SUB-TOTAL =							1,674	1,720	382	1,720	46
EB I-72 SUB-TOTAL =							5,161	5,355	1,190	5,355	194

CONT'D. →

CONT'D. → PRE-STAGE / STAGE I SCHEDULE											
STRUCTURE NUMBER (S.N.)	STATION	TO	STATION	LOCATION	LENGTH	WIDTH	44004250 PAVED SHOULDER REMOVAL	35501324 HMA BASE COURSE 10	20200100 EARTH EXCAVATION 8" DEPTH	31102300 SUB-BASE GRANULAR MATERIAL, TY C, 6"	Z0001495 BRIDGE APPROACH SHOULDER
					(FOOT)	(FOOT)	(SQYD)	(SQYD)	(CUYD)	(SQYD)	(SQYD)
WESTBOUND I-72											
SN 075-0095	1532+74.00	-	1528+38.00	LT	436.00	10.0	484.4	484.4	107.7	484.4	
SN 075-0095	1528+38.00	-	1528+25.00	LT	13.00	10.0		14.4	3.2	14.4	14.4
SN 075-0095	1527+29.00	-	1527+14.00	LT	15.00	10.0		16.7	3.7	16.7	16.7
SN 075-0095	1527+14.00	-	1522+50.00	LT	464.00	10.0	515.6	515.6	114.6	515.6	
SN 075-0125	1463+75.00	-	1458+74.00	LT	501.00	10.0	556.7	556.7	123.7	556.7	
SN 075-0125	1458+74.00	-	1458+59.00	LT	15.00	10.0		16.7	3.7	16.7	16.7
SN 075-0125	1457+15.00	-	1456+91.00	LT	24.00	10.0		26.7	5.9	26.7	26.7
SN 075-0125	1456+91.00	-	1451+85.50	LT	505.50	10.0	561.7	561.7	124.8	561.7	
SN 075-0091	1451+85.50	-	1446+80.00	LT	505.50	10.0	561.7	561.7	124.8	561.7	
SN 075-0091	1446+80.00	-	1446+59.00	LT	21.00	10.0		23.3	5.2	23.3	23.3
SN 075-0091	1440+69.00	-	1440+49.00	LT	20.00	10.0		22.2	4.9	22.2	22.2
SN 075-0091	1440+49.00	-	1436+00.00	LT	449.00	10.0	498.9	498.9	110.9	498.9	
SN 075-0095	1532+74.00	-	1528+29.00	RT	445.00	6.0	296.7	296.7	65.9	296.7	
SN 075-0095	1528+29.00	-	1528+15.00	RT	14.00	6.0		9.3	2.1	9.3	9.3
SN 075-0095	1527+17.00	-	1527+05.00	RT	12.00	6.0		8.0	1.8	8.0	8.0
SN 075-0095	1527+05.00	-	1522+50.00	RT	455.00	6.0	303.3	303.3	67.4	303.3	
SN 075-0125	1462+25.00	-	1459+26.00	RT	299.00	6.0	199.3	199.3	44.3	199.3	
SN 075-0125	1459+26.00	-	1459+06.00	RT	20.00	6.0		13.3	3.0	13.3	13.3
SN 075-0125	1457+62.00	-	1457+42.00	RT	20.00	6.0		13.3	3.0	13.3	13.3
SN 075-0125	1457+42.00	-	1451+99.00	RT	543.00	6.0	362.0	362.0	80.4	362.0	
SN 075-0091	1451+99.00	-	1446+56.00	RT	543.00	6.0	362.0	362.0	80.4	362.0	
SN 075-0091	1446+56.00	-	1446+36.00	RT	20.00	6.0		13.3	3.0	13.3	13.3
SN 075-0091	1440+46.00	-	1440+26.00	RT	20.00	6.0		13.3	3.0	13.3	13.3
SN 075-0091	1440+26.00	-	1437+50.00	RT	276.00	6.0	184.0	184.0	40.9	184.0	
WB SN 075-0091 SUB-TOTAL =							1,607	1,679	373	1,679	72
WB SN 075-0125 SUB-TOTAL =							1,680	1,750	389	1,750	70
WB SN 075-0095 SUB-TOTAL =							1,600	1,648	366	1,648	48
WESTBOUND I-72 SUB-TOTAL =							4,886	5,077	1,128	5,077	191
SOQ - SN 075-0090 / 0091 TOTAL =							3,351	3,496	777	3,496	145
SOQ - SN 075-0124 / 0125 TOTAL =							3,423	3,568	793	3,568	146
SOQ - SN 075-0094 / 0095 TOTAL =							3,275	3,369	749	3,369	95
TOTAL =							10,049	10,433	2,319	10,433	386

PLOT DATE = 6/19/2025	USER NAME = frank.caraballo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES FAI 72 (I-72)			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					72	(75-2)BDR,BP	PIKE	90	8
		CHECKED -	REVISED -					CONTRACT NO. 72286				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
SCALE:		SHEET 8 OF 7 SHEETS		STA.		TO STA.						

MODEL: Schedule (Sheet) - 2
FILE NAME: c:\pw_work\pwtdmichael.L.crow@illinois.gov\d0988226\0572286-sh-Schedule.dgn

STAGE II / POST-STAGE II SCHEDULE																			
STRUCTURE NUMBER (S.N.)	STATION	TO	STATION	LOCATION	LENGTH	LANE WIDTH	SHOULDER WIDTH	AGGREGATE SHOULDER WIDTH	SURFACE THICKNESS	40600290 BITUMINOUS MATERIALS TACK COAT	40600982 HMA SURFACE REMOVAL - BUTT JOINT	40600990 TEMPORARY RAMPS	40604162 POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX D, N70	48102100 AGGREGATE WEDGE SHOULDERS, TYPE B	48203100 HMA SHOULDERS	64200116 SHOULDER RUMBLE STRIPS, 16 INCH	X4201510 PCC BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL)		
					(FOOT)	(FOOT)	(FOOT)	(FOOT)	(INCH)	(POUND)	(SQYD)	(SQYD)	(TON)	(TON)	(TON)	(FOOT)	(SQYD)		
EASTBOUND I-72																			
SN 075-0090	1438+92.00	-	1439+62.00	RT	70.00	12.00	10.00	4.00	1.75	77	171.1	14.7	9.1	2.4	7.6	70.0			
SN 075-0090	1439+62.00	-	1440+05.00	RT	43.00	12.00	10.00	4.00	1.75	47			5.6	1.5	4.7	43.0			
SN 075-0090	1438+92.00	-	1439+62.00	LT	70.00	12.00	6.00	4.00	1.75	63	140.0	12.0	9.1	2.4	4.6	70.0			
SN 075-0090	1439+62.00	-	1440+19.00	LT	57.00	12.00	6.00	4.00	1.75	51			7.4	2.0	3.7	57.0			
SN 075-0090	1445+95.00	-	1446+52.00	RT	57.00	12.00	10.00	4.00	1.75	63			7.4	2.0	6.2	57.0			
SN 075-0090	1446+52.00	-	1447+22.00	RT	70.00	12.00	10.00	4.00	1.75	77	171.1	14.7	9.1	2.4	7.6	70.0			
SN 075-0090	1446+09.00	-	1446+52.00	LT	43.00	12.00	6.00	4.00	1.75	39			5.6	1.5	2.8	43.0			
SN 075-0090	1446+52.00	-	1447+22.00	LT	70.00	12.00	6.00	4.00	1.75	63	140.0	12.0	9.1	2.4	4.6	70.0			
SN 075-0124	1457+08.00	-	1457+78.00	RT	70.00	12.00	10.00	4.00	1.75	77	171.1	14.7	9.1	2.4	7.6	70.0			
SN 075-0124	1457+78.00	-	1458+28.00	RT	50.00	12.00	10.00	4.00	1.75	55			6.5	1.7	5.4	50.0			
SN 075-0124	1458+28.00	-	1458+54.00	RT	26.00		10.00	4.00	1.75					0.9			27.4		
SN 075-0124	1457+08.00	-	1457+78.00	LT	70.00	12.00	6.00	4.00	1.75	63	140.0	12.0	9.1	2.4	4.6	70.0			
SN 075-0124	1457+78.00	-	1458+16.00	LT	38.00		6.00	4.00	1.75					1.3			24.1		
SN 075-0124	1459+98.00	-	1460+30.00	RT	32.00	12.00	10.00	4.00	1.75	35			4.2	1.1	3.5	32.0			
SN 075-0124	1460+30.00	-	1461+00.00	RT	70.00	12.00	10.00	4.00	1.75	77	171.1	14.7	9.1	2.4	7.6				
SN 075-0124	1459+60.00	-	1460+30.00	LT	70.00	12.00	6.00	4.00	1.75	63			9.1	2.4	4.6				
SN 075-0124	1460+30.00	-	1461+00.00	LT	70.00	12.00	6.00	4.00	1.75	63	140.0	12.0	9.1	2.4	4.6				
SN 075-0094	1525+03.00	-	1525+73.00	RT	70.00	12.00	10.00	4.00	1.75	39	171.1	14.7	9.1	2.4	7.6	70.0			
SN 075-0094	1525+73.00	-	1526+03.00	RT	30.00	12.00	10.00	4.00	1.75	17			3.9	1.0	3.3	30.0			
SN 075-0094	1525+03.00	-	1525+73.00	LT	70.00	12.00	6.00	4.00	1.75	32	140.0	12.0	9.1	2.4	4.6	70.0			
SN 075-0094	1525+73.00	-	1526+03.00	LT	30.00	12.00	6.00	4.00	1.75	14			3.9	1.0	2.0	30.0			
SN 075-0094	1526+03.00	-	1526+31.00	RT	28.00		10.00	4.00	1.75	7				1.0	3.0	28.0			
SN 075-0094	1526+31.00	-	1526+53.00	RT	22.00		10.00										22.9		
SN 075-0094	1526+03.00	-	1526+33.00	LT	30.00		6.00	4.00	1.75	5				1.0	2.0	30.0			
SN 075-0094	1526+33.00	-	1526+61.00	LT	28.00		6.00		1.75	4					1.8	28.0			
SN 075-0094	1527+51.00	-	1527+65.00	RT	14.00		10.00		1.75	4					1.5	14.0			
SN 075-0094	1527+65.00	-	1528+08.00	RT	43.00		10.00	4.00	1.75	11				1.5	4.7	43.0			
SN 075-0094	1528+08.00	-	1528+38.00	RT	30.00	12.00	10.00	4.00	1.75	17			3.9	1.0	3.3	30.0			
SN 075-0094	1528+38.00	-	1529+08.00	RT	70.00	12.00	10.00	4.00	1.75	39	171.1	14.7	9.1	2.4	7.6	70.0			
SN 075-0094	1527+59.00	-	1527+72.00	LT	13.00		6.00		1.75	2					0.8	13.0			
SN 075-0094	1527+72.00	-	1528+08.00	LT	36.00		6.00	4.00	1.75	5				1.2	2.4	36.0			
SN 075-0094	1528+08.00	-	1528+38.00	LT	30.00	12.00	6.00	4.00	1.75	14			3.9	1.0	2.0	30.0			
SN 075-0094	1528+38.00	-	1529+08.00	LT	70.00	12.00	6.00	4.00	1.75	32	140.0	12.0	9.1	2.4	4.6	70.0			
EB SN 075-0090 SUB-TOTAL										480	622	53	63	17	42	480	0		
EB SN 075-0124 SUB-TOTAL										433	622	53	56	17	38	222	51		
EB SN 075-0094 SUB-TOTAL										237	622	53	52	19	51	592	23		
EB I-72 SUBTOTAL										1,151	1,867	160	171	52	131	1,294	74		

CONT'D. →

USER NAME = Michael.L.Crow	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES FAI 72 (I-72)				FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						72	(75-2)BDR, BP	PIKE	90	9
	CHECKED -	REVISED -		SCALE:				CONTRACT NO. 72286				
	PLOT DATE = 5/7/2025	DATE -	REVISED -	SHEET 2 OF 8 SHEETS				ILLINOIS FED. AID PROJECT				

CONT'D. → STAGE II / POST-STAGE II SCHEDULE																		
STRUCTURE NUMBER (S.N.)	STATION	TO	STATION	LOCATION	LENGTH	LANE WIDTH	SHOULDER WIDTH	AGGREGATE SHOULDER WIDTH	SURFACE THICKNESS	40600290 BITUMINOUS MATERIALS TACK COAT	40600982 HMA SURFACE REMOVAL -	40600990 TEMPORARY RAMPS	40604162 POLYMERIZED HMA SURFACE COURSE, IL-9.5,	48102100 AGGREGATE WEDGE SHOULDERS,	48203100 HMA SHOULDERS	64200116 SHOULDER RUMBLE STRIPS, 16 INCH	X4201510 PCC BRIDGE APPROACH SHOULDER	
				LEFT / RIGHT	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(INCH)	(POUND)	(SQYD)	(SQYD)	(TON)	(TON)	(TON)	(FOOT)	(SQYD)	
WESTBOUND I-72																		
SN 075-0091	1439+37.00	-	1440+07.00	RT	70.00	12.00	6.00	4.00	1.75	63	140.0	12.0	9.1	2.4	4.6	70.0		
SN 075-0091	1440+07.00	-	1440+26.00	RT	19.00	12.00	6.00	4.00	1.75	17			2.5	0.7	1.2	19.0		
SN 075-0091	1440+26.00	-	1440+50.00	RT	24.00	12.00	6.00		1.75	22			3.1		1.6	24.0		
SN 075-0091	1439+37.00	-	1440+07.00	LT	70.00	12.00	10.00	4.00	1.75	77	171.1	14.7	9.1	2.4	7.6	70.0		
SN 075-0091	1440+07.00	-	1440+49.00	LT	42.00	12.00	10.00	4.00	1.75	46			5.5	1.5	4.6	42.0		
SN 075-0091	1440+49.00	-	1440+66.00	LT	17.00	12.00	10.00		1.75	19			2.2		1.9	17.0		
SN 075-0091	1446+40.00	-	1446+81.00	RT	41.00	12.00	6.00		1.75	37			5.4		2.7	41.0		
SN 075-0091	1446+81.00	-	1446+97.00	RT	16.00	12.00	6.00	4.00	1.75	14			2.1	0.6	1.0	16.0		
SN 075-0091	1446+97.00	-	1447+67.00	RT	70.00	12.00	6.00	4.00	1.75	63	140.0	12.0	9.1	2.4	4.6	70.0		
SN 075-0091	1446+53.00	-	1446+97.00	LT	44.00	12.00	6.00		1.75	40			5.7		2.9	44.0		
SN 075-0091	1446+97.00	-	1447+67.00	LT	70.00	12.00	10.00		1.75	77	171.1	14.7	9.1		7.6	70.0		
SN 075-0091	1447+04.00	-	1447+67.00	LT	63.00			4.00	1.75					2.2				
SN 075-0125	1456+12.00	-	1456+82.00	RT	70.00	12.00	6.00	4.00	1.75	63	140.0	12.0	9.1	2.4	4.6	70.0		
SN 075-0125	1456+82.00	-	1457+46.00	RT	64.00	12.00			1.75	38			8.4					
SN 075-0126	1456+82.00	-	1457+34.00	RT	52.00		6.00	4.00	1.75	16				1.8	3.4	52.0		
SN 075-0125	1457+34.00	-	1457+59.00	RT	25.00		6.00										16.2	
SN 075-0125	1456+12.00	-	1456+82.00	LT	70.00	12.00	10.00	4.00	1.75	77	171.1	14.7	9.1	2.4	7.6	70.0		
SN 075-0125	1456+82.00	-	1457+32.00	LT	50.00	12.00			1.75	30			6.5					
SN 075-0125	1456+82.00	-	1457+21.00	LT	39.00		10.00										41.8	
SN 075-0125	1459+03.00	-	1459+35.00	RT	32.00		6.00		1.75	10					2.1	32.0		
SN 075-0125	1459+35.00	-	1460+05.00	RT	70.00		6.00		1.75	21	46.7	4.0			4.6	70.0		
SN 075-0125	1459+51.00	-	1460+05.00	RT	54.00			4.00	1.75					1.9				
SN 075-0125	1458+92.00	-	1459+35.00	RT	43.00	12.00			1.75	26			5.6					
SN 075-0125	1459+35.00	-	1460+05.00	RT	70.00	12.00			1.75	42	93.3	8.0	9.1					

MODEL: Schedule [Sheet] -4
FILE NAME: c:\p\work\pwt\dmichael.l.crow@illinois.gov\d0988226\0672286-sjh-Schedule.dgn

DRAINAGE SCHEDULE												
STRUCTURE NUMBER (S.N.)	STATION	TO	STATION	LOCATION	(44000500)	(60600605)	(60100945)	(60100955)	(60500060)	(61000115)	(61000225)	(X6010003)
					COMBINATION CURB AND GUTTER REMOVAL	CONCRETE CURB, TYPE B	PIPE DRAINS 12"	PIPE DRAINS 15"	REMOVING INLETS	TYPE E INLET BOX, STANDARD 610001	TYPE F INLET BOX, STANDARD 610001	PIPE DRAIN REMOVAL
					(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(FOOT)
EASTBOUND I-72												
075-0090	1439+54.00	TO	1439+78.00	RT	24.0							
075-0090	1439+54.00	TO	1439+84.00	RT		30.0						
075-0090	1439+77.00	TO	1440+02.00	LT	25.0							
075-0090	1439+77.00	TO	1440+07.00	LT		30.0						
075-0090	1446+04.00	TO	1446+09.00	RT		5.0						
075-0090	1446+27.00	TO	1446+52.00	LT		25.0						
075-0124	1458+13.00	TO	1458+37.00	RT	24.0							
075-0124	1458+13.00	TO	1458+43.00	RT		30.0						
075-0124	1457+62.00	TO	1457+87.00	LT	25.0							
075-0124	1457+62.00	TO	1457+92.00	LT		30.0						
075-0124	1457+62.33	TO	1457+89.00	LT			31		1	1		31
075-0124	1458+37.30	TO	1458+39.00	RT			17		1	1		17
075-0124	1459+67.00	TO	1459+72.00	LT		5.0						
075-0124	1460+16.00	TO	1460+23.00	RT		7.0						
075-0094	1526+33.00	TO	1526+63.00	LT		30.0						
075-0094	1526+33.00	TO	1526+49.00	LT	16.0							
075-0094	1526+22.00	TO	1526+52.00	RT		30.0						
075-0094	1526+22.00	TO	1526+40.00	RT	18.0							
075-0094	1526+42.00	TO	1526+67.41	RT				48	1		1	48
075-0094	1527+60.00	TO	1527+71.00	LT		11.0						
075-0094	1527+50.00	TO	1527+65.00	RT		15.0						
EB SN 075-0090 SUB-TOTAL =					49.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0
EB SN 075-0124 SUB-TOTAL =					49.0	72.0	48.6	0.0	2.0	2.0	0.0	48.6
EB SN 075-0094 SUB-TOTAL =					34.0	66.0	0.0	48.4	1.0	0.0	1.0	48.4
EB I-72 SUB-TOTAL =					132.0	248.0	48.6	48.4	3.0	2.0	1.0	97.0
WESTBOUND I-72												
075-0091	1440+49.00	TO	1440+54.00	LT		5.0						
075-0091	1440+26.00	TO	1440+31.00	RT		5.0						
075-0091	1446+56.00	TO	1446+81.00	LT	25.0							
075-0091	1446+74.00	TO	1447+04.00	LT		30.0						
075-0091	1446+80.00	TO	1447+04.00	RT	24.0							
075-0091	1446+51.00	TO	1446+81.00	RT		30.0						
075-0125	1457+34.00	TO	1457+48.00	RT		14.0						
075-0125	1456+82.00	TO	1456+96.00	LT		14.0						
075-0125	1457+39.41	TO	1457+45.00	RT			14		1	1		14
075-0125	1456+93.00	TO	1456+93.00	LT			21		1	1		21
075 0125	1459+21.00	TO	1459+51.00	RT		30.0						
075-0125	1458+74.00	TO	1458+99.00	RT	25.0							
075-0125	1458+70.00	TO	1459+00.00	LT		30.0						
075-0125	1459+26.00	TO	1459+51.00	LT	25.0							
075-0095	1526+97.00	TO	1527+17.00	RT		20.0						
075-0095	1526+82.51	TO	1527+08.00	RT				45	1	1		45
075-0095	1528+15.00	TO	1528+45.00	RT		30.0						
075-0095	1528+38.00	TO	1528+55.00	RT	17.0							
075-0095	1528+25.00	TO	1528+55.00	LT		30.0						
075-0095	1528+29.00	TO	1528+46.00	LT	17.0							
WB SN 075-0091 SUB-TOTAL =					49.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0
WB SN 075-0125 SUB-TOTAL =					50.0	88.0	35.0	0.0	2.0	2.0	0.0	35.0
WB SN 075-0095 SUB-TOTAL =					34.0	80.0	0.0	45.0	1.0	1.0	0.0	45.0
WB I-72 SUB-TOTAL =					133.0	238.0	35.0	45.0	3.0	3.0	0.0	80.0
SOQ - SN 075-0090 / 0091 TOTAL =					98.0	160.0	0.0	0.0	0.0	0.0	0.0	0.0
SOQ - SN 075-0124 / 0125 TOTAL =					99.0	160.0	83.7	0.0	4.0	4.0	0.0	83.7
SOQ - SN 075-0094 / 0095 TOTAL =					68.0	166.0	0.0	93.4	2.0	1.0	1.0	93.4
TOTAL =					265	486	84	93	6	5	1	177

	USER NAME = Michael.L.Crow	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUNATITIES FAI 72 (I-72)					F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							72	(75-2)BDR,BP	PIKE	90	11
		CHECKED -	REVISED -							CONTRACT NO. 72286				
	PLOT DATE = 5/7/2025	DATE -	REVISED -		SCALE:	SHEET 4	OF 8	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

MODEL: Schedule [Sheet] - 5
FILE NAME: c:\pw_work\pwtomichael.l.crow@illinois.gov\0988226\0572286-sh-Schedule.dgn

GUARDRAIL SCHEDULE									
STRUCTURE NUMBER (S.N.)	STATION	TO	STATION	LOCATION	LENGTH	(X6320100)	(63100085)	(63000001)	(78200005)
						GUARDRAIL REMOVAL SPECIAL	TRAFFIC BARRIER TERMINAL, TY 6	STEEL PLATE BEAM GUARDRAIL, TY A, 6' POSTS	GUARDRAIL REFLECTORS TY A
						(FOOT)	(FOOT)	(EACH)	(FOOT)
EASTBOUND I-72									
075-0090	1438+54.00	-	1439+84.00	RT	130.00	130.00	1.00	92.50	2.00
075-0090	1438+54.00	-	1440+07.00	LT	153.00	153.00	1.00	115.50	3.00
075-0124	1456+77.00	-	1458+60.00	RT	183.00	183.00	1.00	145.50	3.00
075-0124	1456+77.00	-	1458+13.00	LT	136.00	136.00	1.00	98.50	3.00
075-0094	1524+66.00	-	1526+63.00	RT	197.00	197.00	1.00	159.50	3.00
075-0094	1524+66.00	-	1526+52.00	LT	186.00	186.00	1.00	148.50	3.00
EB SN 075-0090 SUB-TOTAL =						283.00	2.00	208.00	5.00
EB SN 075-0124 SUB-TOTAL =						319.00	2.00	244.00	6.00
EB SN 075-0094 SUB-TOTAL =						383.00	2.00	308.00	6.00
EB I-72 SUB-TOTAL =						985.00	6.00	760.00	17.00
WESTBOUND I-72									
075-0091	1446+51.00	-	1447+91.00	RT	140.00	140.00	1.00	102.50	3.00
075-0091	1446+74.00	-	1447+91.00	LT	117.00	117.00	1.00	79.50	2.00
075-0125	1459+05.00	-	1460+61.00	RT	156.00	156.00	1.00	118.50	3.00
075-0125	1458+59.00	-	1460+61.00	LT	202.00	202.00	1.00	164.50	3.00
075-0095	1528+15.00	-	1530+22.00	RT	207.00	207.00	1.00	169.50	3.00
075-0095	1528+25.00	-	1530+22.00	LT	197.00	197.00	1.00	159.50	3.00
WB SN 075-0091 SUB-TOTAL =						257.00	2.00	182.00	5.00
WB SN 075-0125 SUB-TOTAL =						358.00	2.00	283.00	6.00
WB SN 075-0095 SUB-TOTAL =						404.00	2.00	329.00	6.00
WB I-72 SUB-TOTAL =						1,019.00	6.00	794.00	17.00
SOQ - SN 075-0090 / 0091 SUB-TOTAL =						540.00	4.00	390.00	10.00
SOQ - SN 075-0124 / 0125 SUB-TOTAL =						677.00	4.00	527.00	12.00
SOQ - SN 075-0094 / 0095 SUB-TOTAL =						787.00	4.00	637.00	12.00
TOTAL =						2,004	12	1,554	34

	USER NAME = Michael.L.Crow	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES FAI 72 (I-72)			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					72	(75-2)BDR,BP	PIKE	90	12
		CHECKED -	REVISED -					CONTRACT NO. 72286				
	PLOT DATE = 5/7/2025	DATE -	REVISED -		SCALE:	SHEET 5	OF 8 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Schedule [Sheet] - 6
FILE NAME: c:\p\work\pwt\illinois.gov_thomas.co\088226\0672285-sh-Schedule.dgn

PAVEMENT MARKING SCHEDULE										
STRUCTURE NUMBER (S.N.)	STATION	TO	STATION	LOCATION	DESCRIPTION	LENGTH (FOOT)	78009006			78300202
							MODIFIED URETHANE PAVEMENT MARKING - LINE 6"			PAVEMENT MARKING
							WHITE		YELLOW	REMOVAL - WATER
							SOLID	SKIP-DASH	SOLID	BLASTING
							(FOOT)	(FOOT)	(FOOT)	(SQFT)
EASTBOUND I-72										
075-0090	1435+80.00	-	1440+05.00	RT	STAGE I REMOVAL	425.00				142
075-0090	1445+95.00	-	1452+21.50	RT	STAGE I REMOVAL	626.50				209
075-0124	1452+21.50	-	1458+48.00	RT	STAGE I REMOVAL	626.50				209
075-0124	1459+92.00	-	1464+10.00	RT	STAGE I REMOVAL	418.00				139
075-0094	1521+89.00	-	1526+55.00	RT	STAGE I REMOVAL	466.00				155
075-0094	1527+50.00	-	1532+00.00	RT	STAGE I REMOVAL	450.00				150
075-0090	1437+19.00	-	1440+19.00	LT	STAGE II REMOVAL	300.00				100
075-0090	1446+09.00	-	1452+14.50	LT	STAGE II REMOVAL	605.50				202
075-0124	1452+14.50	-	1458+20.00	LT	STAGE II REMOVAL	605.50				202
075-0124	1459+64.00		1462+62.00	LT	STAGE II REMOVAL	298.00				99
075-0094	1522+00.00	-	1526+60.00	LT	STAGE II REMOVAL	460.00				153
075-0094	1527+60.00	-	1532+00.00	LT	STAGE II REMOVAL	440.00				147
075-0090	1435+80.00	-	1438+92.00	RT	PERMANENT	312.00	312.00			
075-0090	1437+19.00	-	1438+92.00	LT	PERMANENT	173.00			173.00	
075-0090	1438+92.00	-	1447+21.00	LT, RT, CL	PERMANENT	829.00	829.00	208.00	829.00	
075-0090	1447+21.00	-	1452+14.50	LT & RT	PERMANENT	493.50	493.50		493.50	
075-0124	1452+14.50	-	1457+08.00	LT & RT	PERMANENT	493.50	493.50		493.50	
075-0124	1457+08.00	-	1461+00.00	LT, RT, CL	PERMANENT	392.00	392.00	98.00	392.00	
075-0124	1461+00.00	-	1464+10.00	RT	PERMANENT	310.00	310.00			
075-0124	1461+00.00	-	1462+62.00	LT	PERMANENT	162.00			162.00	
075-0094	1521+89.00	-	1525+03.00	RT	PERMANENT	314.00	314.00			
075-0094	1522+00.00	-	1525+03.00	LT	PERMANENT				0.00	
075-0094	1525+03.00	-	1529+08.00	LT, RT, CL	PERMANENT	405.00	405.00	102.00	405.00	
075-0094	1529+08.00	-	1532+00.00	RT	PERMANENT	292.00	292.00			
075-0094	1529+08.00	-	1532+00.00	LT	PERMANENT	292.00			292.00	
EB SN 075-0090 SUB-TOTAL =							1,635	208	1,496	652
EB SN 075-0124 SUB-TOTAL =							1,196	98	1,048	649
EB SN 075-0094 SUB-TOTAL =							1,011	102	697	605
EB I-72 SUB-TOTAL =							7,489			1,907

CONT'D. →

CONT'D. → PAVEMENT MARKING SCHEDULE										
STRUCTURE NUMBER (S.N.)	STATION	TO	STATION	LOCATION	DESCRIPTION	LENGTH (FOOT)	78009006			78300202
							MODIFIED URETHANE PAVEMENT MARKING - LINE 6"			PAVEMENT MARKING
							WHITE		YELLOW	REMOVAL - WATER
							SOLID	SKIP-DASH	SOLID	BLASTING
							(FOOT)	(FOOT)	(FOOT)	(SQFT)
WESTBOUND I-72										
075-0091	1437+70.00	-	1440+50.00	RT	STAGE I REMOVAL	280.00				93
075-0091	1446+40.00	-	1451+97.50	RT	STAGE I REMOVAL	557.50				186
075-0125	1451+97.50	-	1457+55.00	RT	STAGE I REMOVAL	557.50				186
075-0125	1459+00.00	-	1462+10.00	RT	STAGE I REMOVAL	310.00				103
075-0095	1523+50.00	-	1527+19.00	RT	STAGE I REMOVAL	369.00				123
075-0095	1528+17.00	-	1532+50.00	RT	STAGE I REMOVAL	433.00				144
075-0091	1436+23.00	-	1440+63.00	LT	STAGE II REMOVAL	440.00				147
075-0091	1446+53.00	-	1451+89.50	LT	STAGE II REMOVAL	536.50				179
075-0125	1451+89.50	-	1457+26.00	LT	STAGE II REMOVAL	536.50				179
075-0125	1458+71.00	-	1463+46.00	LT	STAGE II REMOVAL	475.00				158
075-0095	1522+75.00	-	1527+25.00	LT	STAGE II REMOVAL	450.00				150
075-0095	1528+23.00	-	1532+50.00	LT	STAGE II REMOVAL	427.00				142
075-0091	1437+70.00	-	1439+37.00	RT	PERMANENT	167.00	167.00			
075-0091	1436+23.00	-	1439+37.00	LT	PERMANENT	314.00			314.00	
075-0091	1439+37.00	-	1447+68.00	LT, RT, CL	PERMANENT	831.00	831.00	208.00	831.00	
075-0091	1447+68.00	-	1451+90.00	LT & RT	PERMANENT	422.00	422.00		422.00	
075-0125	1451+90.00	-	1456+12.00	LT & RT	PERMANENT	422.00	422.00		422.00	
075-0125	1456+12.00	-	1460+05.00	LT, RT, CL	PERMANENT	393.00	393.00	99.00	393.00	
075-0125	1460+05.00	-	1462+10.00	RT	PERMANENT	205.00	205.00			
075-0125	1460+05.00	-	1463+46.00	LT	PERMANENT	341.00			341.00	
075-0095	1523+50.00	-	1525+68.00	RT	PERMANENT	218.00	218.00			
075-0095	1522+75.00	-	1525+68.00	LT	PERMANENT	293.00	293.00		293.00	
075-0095	1525+68.00	-	1529+73.00	LT, RT, CL	PERMANENT	405.00	405.00	102.00	405.00	
075-0095	1529+73.00	-	1532+50.00	RT	PERMANENT	277.00	277.00			
075-0095	1529+73.00	-	1532+50.00	LT	PERMANENT	277.00			277.00	
WB SN 075-0091 SUB-TOTAL =							1,420	208	1,567	605
WB SN 075-0125 SUB-TOTAL =							1,020	99	1,156	626
WB SN 075-0095 SUB-TOTAL =							1,193	102	975	560
WB I-72 SUB-TOTAL =							7,740			1,791
SOQ - SN 075-0090 & 0091 SUB-TOTAL =							6,533			1,257
SOQ - SN 075-0124 & 0125 SUB-TOTAL =							4,616			1,276
SOQ - SN 075-0094 & 0095 SUB-TOTAL =							4,080			1,165
TOTAL =							15,229			3,698

USER NAME = Michael.L.Crow	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
FAI 72 (I-72)

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	13
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: Schedule [Sheet] - 7
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SHORT-TERM PAVEMENT MARKING SCHEDULE								
STRUCTURE NUMBER (S.N.)	STATION	TO	STATION	LOCATION	LENGTH	(70300100)	(70300150)	(78300200)
						SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
						(2 APPS)		
					(FOOT)	(FOOT)	(SQFT)	(EACH)
EASTBOUND I-72								
075-0090	1435+50.00	-	1439+99.00	RT	449.0	18.00	6.00	
075-0090	1435+50.00	-	1440+10.50	CL	460.5	93.00	31.00	
075-0090	1438+92.00	-	1440+10.50		118.50			2.00
075-0090	1435+50.00	-	1440+22.00	LT	472.00	19.00	6.33	
075-0090	1445+89.00	-	1458+13.00	RT	1,224.0	49.00	16.33	
075-0090	1446+00.50	-	1458+36.50	CL	1,236.0	248.00	82.67	
075-0090	1446+00.50	-	1447+22.00		121.50			4.00
075-0090	1446+12.00	-	1458+60.00	LT	1,248.00	50.00	16.67	
075-0124	1457+08.00	-	1458+36.50		128.50			4.00
075-0124	1459+61.00	-	1464+50.00	RT	489.0	20.00	6.67	
075-0124	1459+58.50	-	1464+50.00	CL	491.5	99.00	33.00	
075-0124	1459+35.00	-	1461+00.00		165.00			4.00
075-0124	1459+56.00	-	1464+50.00	LT	494.00	20.00	6.67	
075-0094	1521+50.00	-	1526+31.00	RT	481.00	20.00	6.67	
075-0094	1521+50.00	-	1526+23.00	CL	473.00	95.00	31.67	
075-0094	1525+03.00	-	1526+23.00		120.00			4.00
075-0094	1521+50.00	-	1526+63.00	LT	513.0	21.00	7.00	
075-0094	1527+60.00	-	1532+25.00	RT	465.0	19.00	6.33	
075-0094	1527+88.00	-	1532+25.00	CL	437.0	88.00	29.33	
075-0094	1527+88.00	-	1529+08.00		120.00			4.00
075-0094	1527+50.00	-	1532+25.00	LT	475.00	19.00	6.33	
EB SN 075-0090 SUB-TOTAL =						477.00	159.00	6.00
EB SN 075-0124 SUB-TOTAL =						139.00	46.33	8.00
EB SN 075-0094 SUB-TOTAL =						262.00	87.33	8.00
EB I-72 SUB-TOTAL =						878.00	292.67	22.00

CONT'D. →

CONT'D. → SHORT-TERM PAVEMENT MARKING SCHEDULE								
STRUCTURE NUMBER (S.N.)	STATION	TO	STATION	LOCATION	LENGTH	(70300100)	(70300150)	(78300200)
						SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
						(2 APPS)		
					(FOOT)	(FOOT)	(SQFT)	(EACH)
WESTBOUND I-72								
075-0095	1532+75.00	-	1528+15.00	LT	460.00	19.00	6.33	
075-0095	1532+75.00	-	1528+53.00	CL	422.00	85.00	28.33	
075-0095	1528+53.00	-	1529+73.00		120.00			2.00
075-0095	1532+75.00	-	1528+25.00	RT	450.00	18.00	6.00	
075-0095	1526+97.00	-	1521+64.00	LT	533.00	22.00	7.33	
075-0095	1526+88.00	-	1521+64.00	CL	524.00	105.00	35.00	
075-0095	1525+68.00	-	1526+88.00		120.00			2.00
075-0095	1527+29.00	-	1521+64.00	RT	565.00	23.00	7.67	
075-0125	1464+50.00	-	1459+05.00	LT	545.00	22.00	7.33	
075-0125	1464+50.00	-	1458+82.00	CL	568.00	114.00	38.00	
075-0125	1458+82.00	-	1460+05.00		123.00			2.00
075-0125	1464+50.00	-	1458+59.00	RT	591.00	24.00	8.00	
075-0125	1457+12.00	-	1446+36.00	LT	1,076.00	44.00	14.67	
075-0125	1457+37.50	-	1446+47.50	CL	1,090.00	218.00	72.67	
075-0125	1456+12.00	-	1457+37.50		125.50			2.00
075-0091	1457+63.00	-	1446+59.00	RT	1,104.00	45.00	15.00	
075-0091	1446+47.50	-	1447+68.00		120.50			2.00
075-0091	1440+69.00	-	1435+50.00	LT	519.00	21.00	7.00	
075-0091	1440+58.00	-	1435+50.00	CL	508.00	102.00	34.00	
075-0091	1439+37.00	-	1440+58.00		121.00			2.00
075-0091	1440+47.00	-	1435+50.00	RT	497.00	9.94	3.31	
WB SN 075-0095 SUB-TOTAL =						272.00	90.67	4.00
WB SN 075-0125 SUB-TOTAL =						422.00	140.67	4.00
WB SN 075-0091 SUB-TOTAL =						177.94	59.31	4.00
EB I-72 SUB-TOTAL =						871.94	290.65	12.00
SOQ - SN 075-0090 & 0091 SUB-TOTAL =						655.00	219.00	10.00
SOQ - SN 075-0124 & 0125 SUB-TOTAL =						561.00	187.00	12.00
SOQ - SN 075-0094 & 0095 SUB-TOTAL =						534.00	178.00	12.00
TOTAL =						1,750	584	34

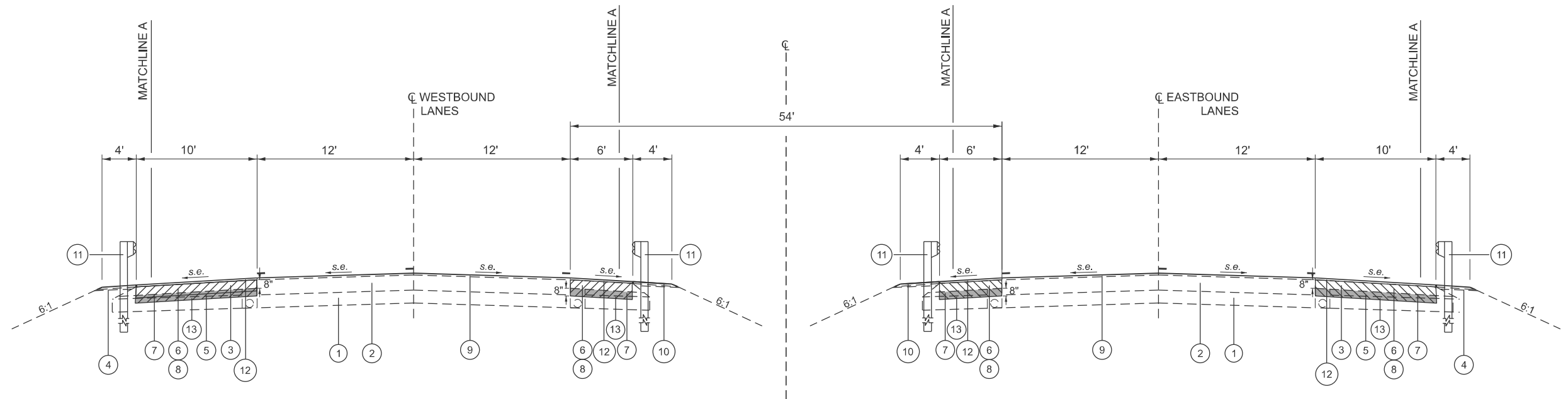
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/19/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
FAI 72 (I-72)

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	14
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				



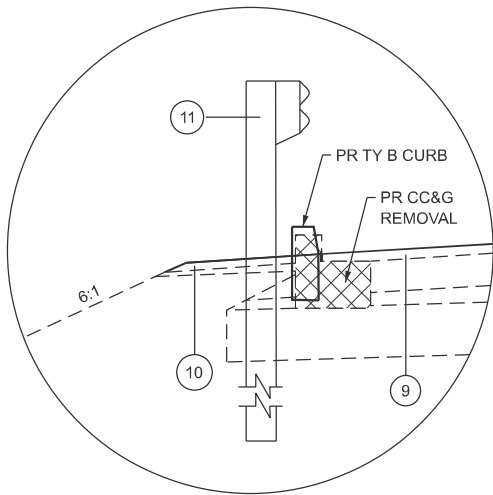
WESTBOUND I-72

STA 1439+37.00 TO STA 1440+69.00
STA 1446+36.00 TO STA 1447+68.00
STA 1456+12.00 TO STA 1457+63.00
STA 1458+59.00 TO STA 1460+05.00

TYPICAL SECTION 1

EASTBOUND I-72

STA 1438+92.00 TO STA 1440+23.00
STA 1445+89.00 TO STA 1447+22.00
STA 1457+08.00 TO STA 1458+60.00
STA 1459+56.00 TO STA 1461+00.00



MATCHLINE A

SEE PLAN SHEETS FOR STATION
RANGE OF PROPOSED CURB
LOCATIONS

LEGEND

- 1 EXISTING LIME MODIFIED SOIL, 12"
- 2 EXISTING BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH) 15"
(BITUMINOUS CONCRETE BINDER COURSE, MIX B, TY1, 13 1/2"
W/ BITUMINOUS CONCRETE SURFACE COURSE, MIX D, CLASS I, TY 1, 1 1/2")
- 3 EXISTING BITUMINOUS SHOULDER, 8"
- 4 EXISTING AGGREGATE SHOULDERS, TYPE B
- 5 EXISTING LIME MODIFIED SOIL OR SUB-BASE GRANULAR MATERIAL, TYPE C
- 6 PROPOSED PAVED SHOULDER REMOVAL, 8"
- 7 PROPOSED EARTH EXCAVATION, 8"
- 8 PROPOSED HMA SHOULDER BASE COURSE, 10"
- 9 PROPOSED HMA SURFACE COURSE, 1 3/4"
- 10 PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B
- 11 PROPOSED STEEL PLATE BEAM GUARDRAIL, 6' POSTS
- 12 PROPOSED HMA SHOULDERS
- 13 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C, 6"

MODEL: Typical Sections (Sheet) - 1
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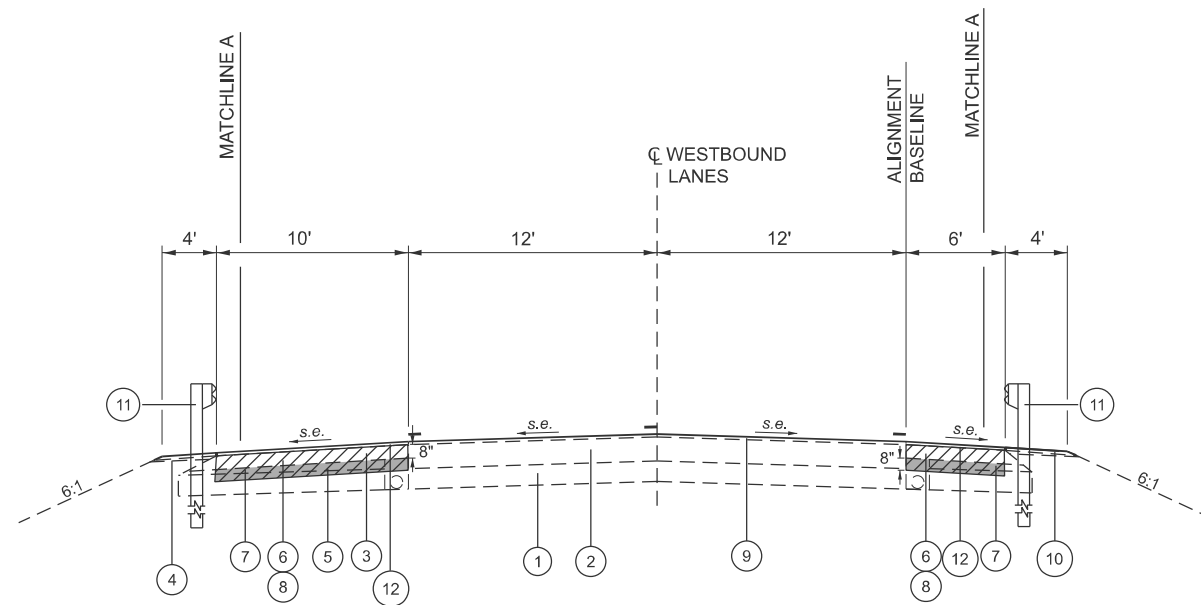
USER NAME	= frank.caraballo	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/26/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

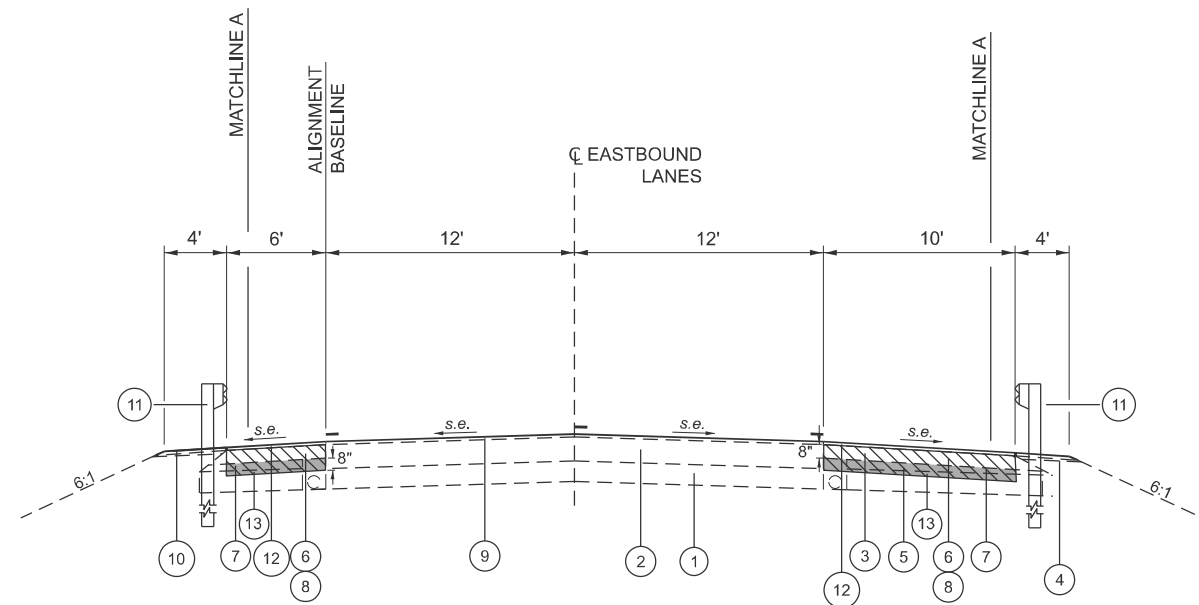
**TYPICAL SECTIONS
FAI 72 (I-72)**

SCALE: SHEET 15 OF 2 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	15
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

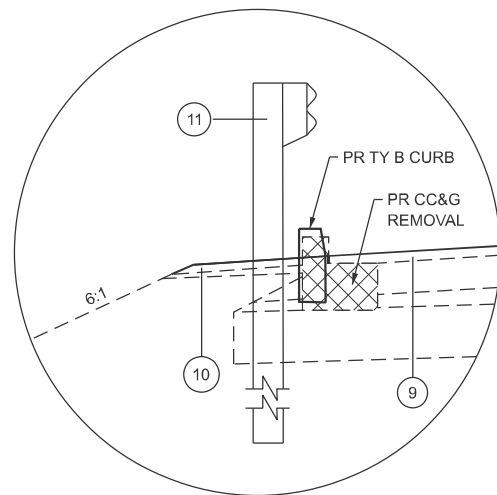


WESTBOUND I-72
STA 1425+68.00 TO STA 1427+29.00
STA 1528+15.00 TO STA 1529+73.00



EASTBOUND I-72
STA 1425+03.00 TO STA 1426+63.00
STA 1527+50.00 TO STA 1529+08.00

TYPICAL SECTION 2



MATCHLINE A
SEE PLAN SHEETS FOR STATION
RANGE OF PROPOSED CURB
LOCATIONS

LEGEND

- 1 EXISTING LIME MODIFIED SOIL, 12"
- 2 EXISTING BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH) 15"
(BITUMINOUS CONCRETE BINDER COURSE, MIX B, TY1, 13 1/2"
W/ BITUMINOUS CONCRETE SURFACE COURSE, MIX D, CLASS I, TY 1, 1 1/2")
- 3 EXISTING BITUMINOUS SHOULDER, 8"
- 4 EXISTING AGGREGATE SHOULDERS, TYPE B
- 5 EXISTING LIME MODIFIED SOIL OR SUB-BASE GRANULAR MATERIAL, TYPE C
- 6 PROPOSED PAVED SHOULDER REMOVAL, 8"
- 7 PROPOSED EARTH EXCAVATION, 8"
- 8 PROPOSED HMA SHOULDER BASE COURSE, 10"
- 9 PROPOSED HMA SURFACE COURSE, 1 3/4"
- 10 PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B
- 11 PROPOSED STEEL PLATE BEAM GUARDRAIL, 6' POSTS
- 12 PROPOSED HMA SHOULDERS
- 13 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C, 6"

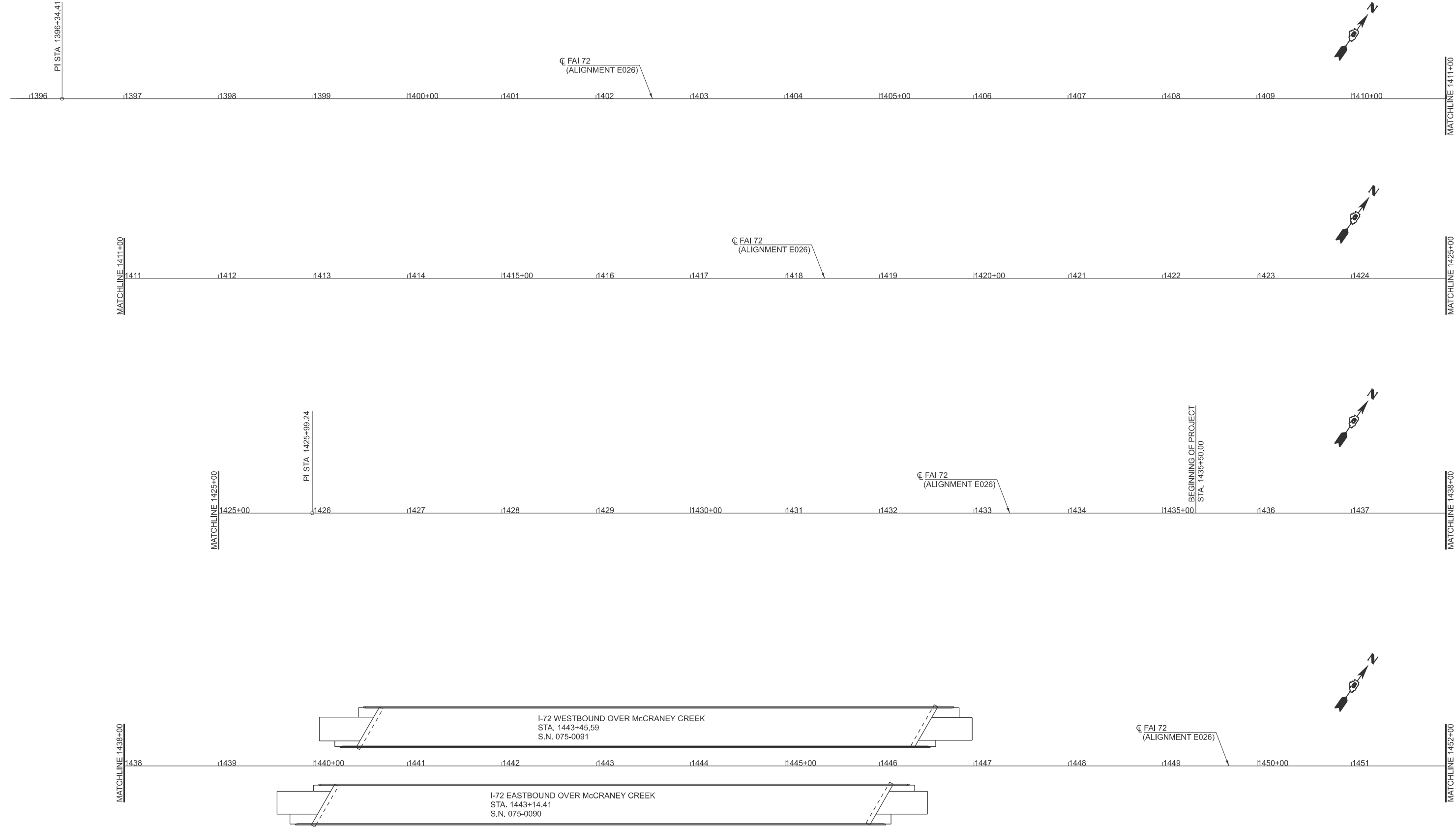
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
FAI 72 (I-72)**

SCALE: SHEET 16 OF 2 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	16
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

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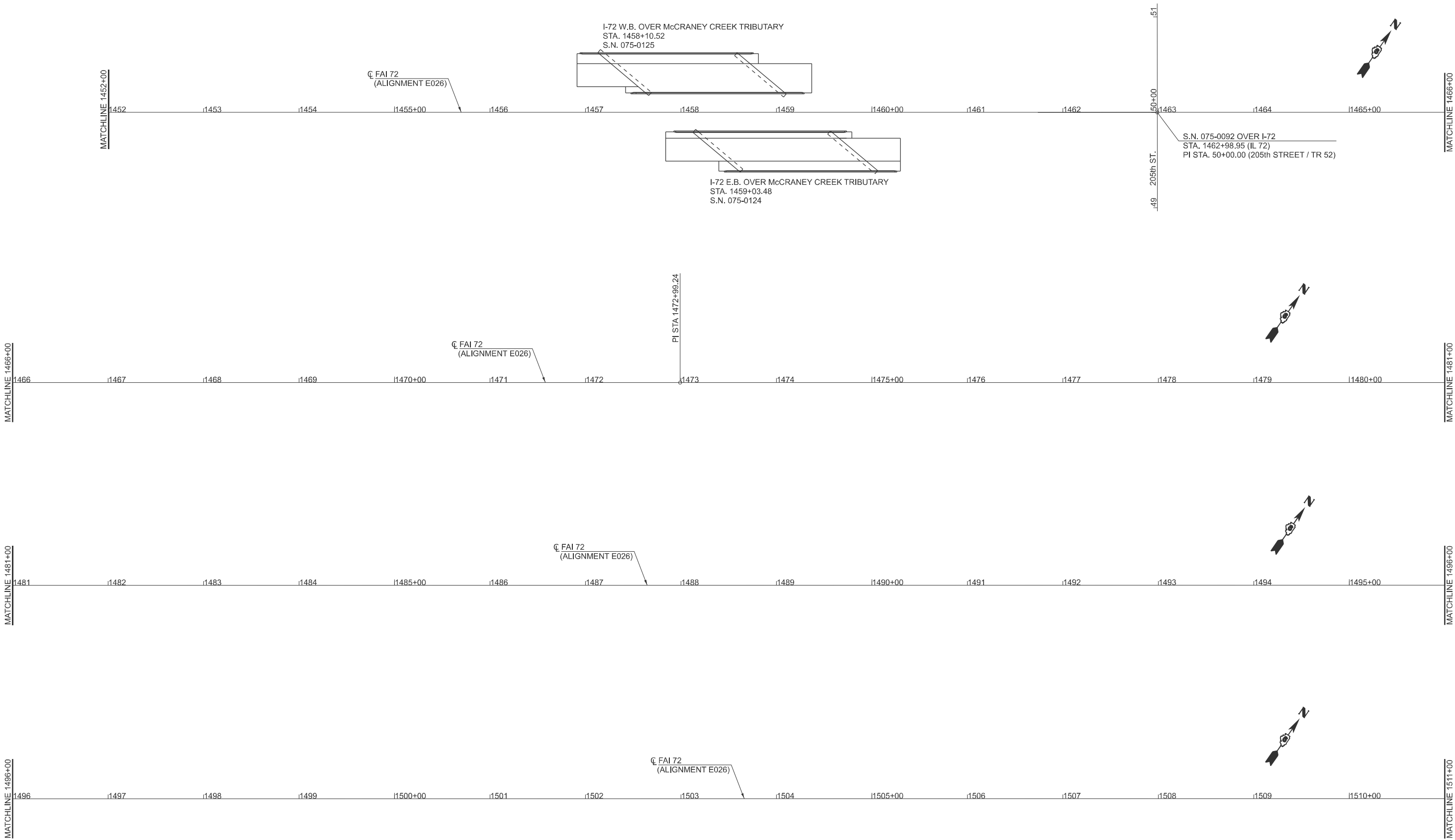
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		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 6/26/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, & BENCHMARKS			
SCALE:	SHEET 17	OF 5 SHEETS	STA. TO STA.

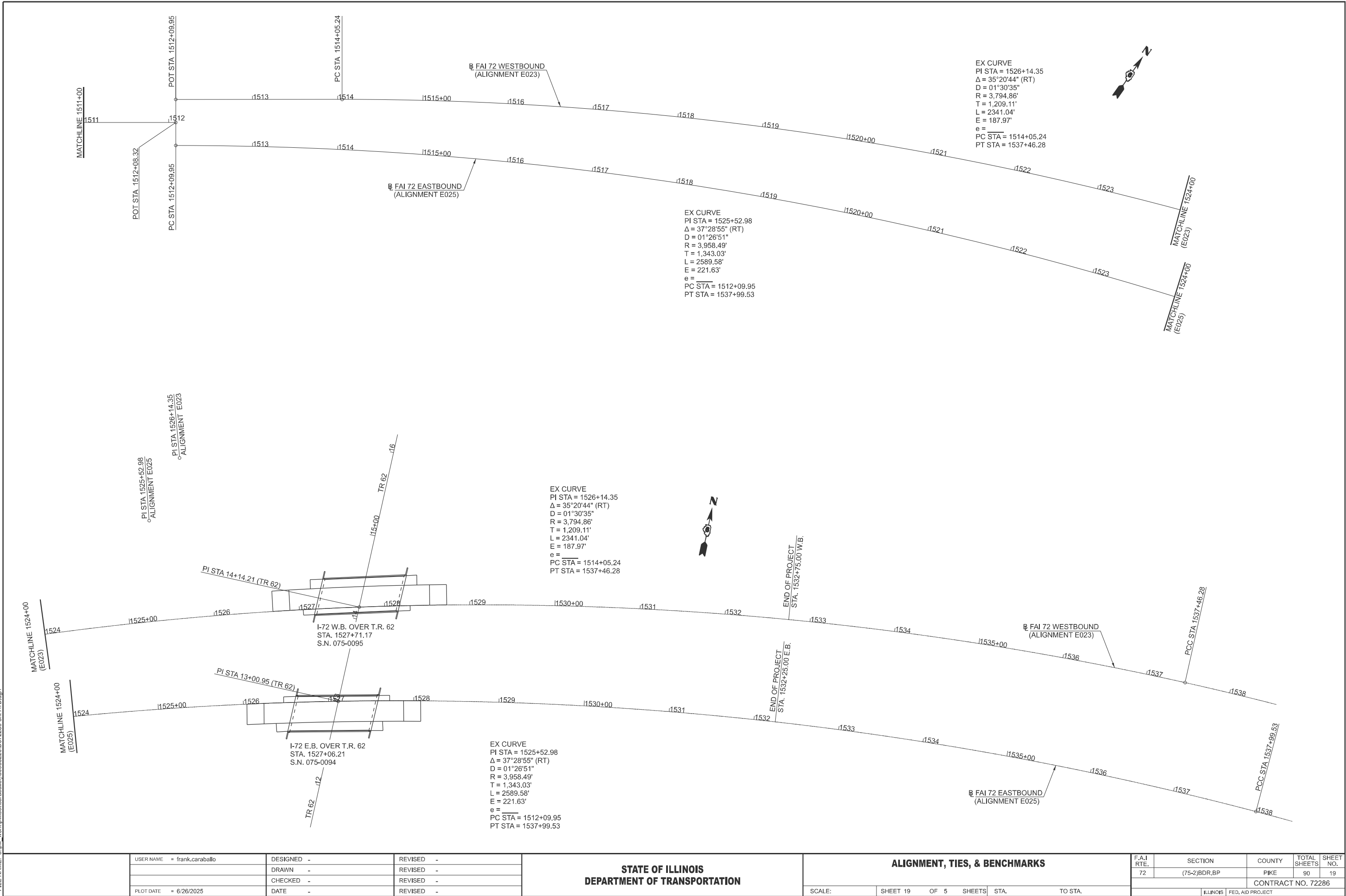
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	17
CONTRACT NO. 72286				
		ILLINOIS	FED. AID PROJECT	

MODEL: ATB-2 [Sheet]
FILE NAME: c:\pwwork\caraballo\00988226\0672286-sh1-atb.dgn



	USER NAME = frank.caraballo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES, & BENCHMARKS			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					72	(75-2)BDR,BP	PIKE	90	18
		CHECKED -	REVISED -					CONTRACT NO. 72286				
	PLOT DATE = 6/26/2025	DATE -	REVISED -		SCALE:	SHEET 18	OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: ATB-3 [Sheet]
FILE NAME: c:\p\work\caraballo\0988226\0672286-sh-ATB.dgn



MODEL: ATB.dgn [Sheet]
FILE NAME: c:\pwwork\work\caraballo\0988226\0672286-sh-ATB.dgn

D672286 Benchmarks					
Benchmark	Station	Offset	Alignment	NAVD88 Elevation	Description
PSM 453	1366+74.1	0.0	E026	478.362	disk set in concrete
BM-WS41	1372+99.4	82.2 LT	E026	476.749	chslid [] center hdwl N side I-72
BM-WS40	1383+57.7	14.0 RT	E026	482.403	chslid [] center grated median inlet
PSM 454	1396+34.5	0.0	E026	490.873	disk set in concrete
BM-WS39	1403+98.7	88.4 RT	E026	496.047	chslid [] N side N conc base sign Barry 9/ Jville 51/ Sprfld 86 S side I-72
BM-WS38	1419+48.3	93.3 LT	E026	495.621	chslid [] center hdwl N side I-72
PSM 455	1425+99.2	0.0	E026	498.808	disk set in concrete
BM-WS37	1440+40.1	19.5 LT	E026	504.510	chslid [] SW approach wall bridge str #075-0091
BM-WS36	1446+71.7	61.9 LT	E026	504.431	chslid [] NE approach wall bridge str #075-0091
BM-WS35	1458+67.1	61.6 LT	E026	514.808	chslid [] NE approach wall bridge str #075-0125
BM-WS34	1462+98.9	0.0	E026	520.467	chslid [] top base pier in median bridge str #075-0092
PSM 1473	1472+99.2	0.0	E026	531.985	disk set in concrete
BM-WS33	1478+36.0	1.4 LT	E026	541.692	chslid [] top conc pad W side drop inlet
BM-WS32	1491+92.9	96.3 LT	E026	565.692	chslid [] center hdwl N side I-72 at mile marker 13
BM-WS31	1502+96.2	0.9 LT	E026	590.679	chslid [] grated median inlet E side turnaround
PSM 456	1512+08.3	0.0	E026	603.921	disk set in concrete
PSM 1303	1514+03.8	31.8 LT	E025	607.531	disk set in concrete
BM-WS30	1526+63.1	9.0 LT	E025	630.613	chslid [] NW approach wall EBL bridge str #075-0094
BM-WS29	1527+90.2	148.7 LT	E025	635.442	chslid [] NE approach wall WBL bridge str #075-0095
BM-WS28	1541+09.7	49.3 LT	E025	641.697	chslid [] top conc pad SE side drop inlet
BM-WS27	1548+25.9	47.7 LT	E025	644.546	chslid [] top conc pad SE side drop inlet
BM-WS26	1552+00.9	70.8 RT	E025	643.590	chslid [] center hdwl S side I-72

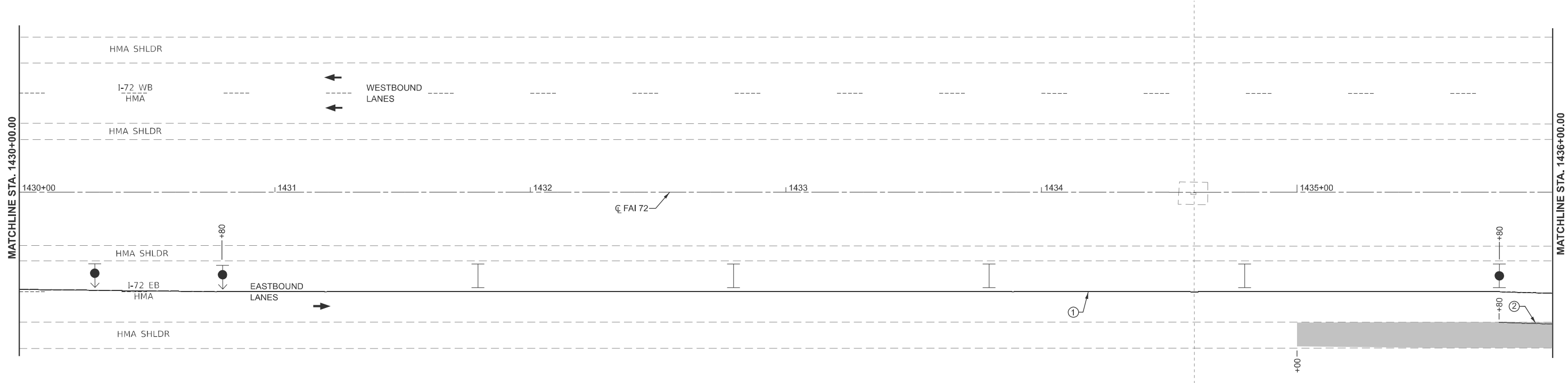
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FILE NAME: c:\p\work\caraballo\0988226\06\72286-sh-ATB.dgn

D672286 ALIGNMENT CONTROL								
NAD83/2007 ADJ - STATE PLANE WEST ZONE								
Point Type	Station	Northing	Easting	Radius	Length	Tangent	Delta / Theta	Rotation
Alignent Name: E026								
POT	999+99.375	1128148.985	1977007.240					
PI	1016+00.043	1127067.600	1978187.386					
PC	1025+94.980	1126395.458	1978920.957					
PI	1034+71.450	1125803.349	1979567.181	5731.848	1739.466	876.470	17.388°	Left
PT	1043+34.446	1125431.412	1980360.820					
PI	1069+99.870	1124300.320	1982774.347					
PI	1094+99.677	1123239.381	1985037.850					
PI	1123+99.830	1122008.622	1987663.896					
PI	1149+99.944	1120905.365	1990018.342					
PI	1173+00.174	1119929.358	1992101.242					
PC	1193+59.951	1119055.353	1993966.394					
PI	1210+60.671	1118333.703	1995506.417	7638.125	3346.843	1700.720	25.106°	Right
PT	1227+06.793	1117026.815	1996594.761					
PC	1245+23.208	1115631.024	1997757.142					
PI	1259+33.098	1114547.619	1998659.375	3819.277	2701.244	1409.890	40.523°	Left
PT	1272+24.453	1114310.312	2000049.151					
PI	1295+00.484	1113927.219	2002292.710					
PI	1320+00.467	1113506.398	2004757.020					
PI	1344+00.478	1113102.516	2007122.804					
PC	1366+72.809	1112719.833	2009362.679					
PI	1382+32.539	1112457.158	2010900.131	3819.740	2961.599	1559.730	44.424°	Left
PT	1396+34.408	1113345.715	2012182.015					
PI	1425+99.239	1115034.738	2014618.698					
PI	1472+99.237	1117712.413	2018481.344					
POT	1512+08.323	1119939.955	2021693.666					
Alignent Name: E023								
POT	1512+09.950	1119962.135	2021678.286					
PC	1514+05.238	1120073.417	2021838.766					
PI	1526+14.348	1120762.410	2022832.363	3794.859	2341.039	1209.110	35.346°	Right
PT	1537+46.277	1120749.603	2024041.405					
PC	1537+46.277	1120749.603	2024041.405					
PI	1560+89.738	1120724.780	2026384.735	3431.100	4112.030	2343.461	68.667°	Right
PT	1578+58.307	1118532.987	2027214.103					
POT	1586+42.106	1117799.915	2027491.495					
Alignent Name: E025								
PC	1512+09.950	1119917.768	2021709.052					
PI	1525+52.980	1120683.076	2022812.697	3958.495	2589.577	1343.030	37.482°	Right
PT	1537+99.527	1120618.803	2024154.188					
PC	1537+99.527	1120618.803	2024154.188					
PI	1561+35.428	1120507.015	2026487.413	3307.181	4067.499	2335.901	70.468°	Right
PT	1578+67.026	1118270.681	2027162.131					
POT	1584+25.095	1117736.400	2027323.328					

D672286 ALIGNMENT CONTROL								
NAD83/2007 ADJ - STATE PLANE WEST ZONE								
Point Type	Station	Northing	Easting	Radius	Length	Tangent	Delta / Theta	Rotation
Alignent Name: 213TH_ST								
POT	7+50.046	1119970.899	2023068.613					
PI	10+54.546	1120275.385	2023071.503					
PI	13+00.953	1120521.781	2023073.842					
PI	14+14.207	1120635.029	2023074.916					
POT	20+62.683	1121283.477	2023081.071					
Alignent Name: 327TH_AVE								
POT	527+78.580	1120848.807	2023076.945					
POT	537+46.230	1120838.535	2024044.541					
Alignent Name: 205TH_ST								
POT	46+91.723	1116889.205	2017834.939					
PI	50+00.000	1117142.530	2017659.266					
PC	51+65.223	1117278.302	2017565.113					
PI	53+81.953	1117456.399	2017441.609	458.366	404.900	216.730	50.612°	Right
PT	55+70.123	1117664.865	2017500.884					
POT	58+53.393	1117937.335	2017578.358					
Alignent Name: MCCRANEYCK_RD								
POT	447+00.000	1115876.720	2016778.110					
PC	450+23.940	1116196.886	2016827.409					
PI	453+82.450	1116551.220	2016881.970	599.993	646.308	358.510	61.719°	Right
PT	456+70.248	1116671.057	2017219.858					
PI								
PC	465+61.568	1116968.993	2018059.909					
PI	466+86.018	1117010.593	2018177.200	500.014	243.943	124.450	27.953°	Left
PT	468+05.512	1117102.319	2018261.308					
POT	471+81.062	1117379.118	2018515.119					

D672286 Traverse Stations							NAD83/2007 adj State Plane IL West Zone	
POINT	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION	ALIGNMENT		
453	1112719.620	2009363.923	1366+74.07	0.0	DISK SET IN CONCRETE	E026		
454	1113345.742	2012182.054	1396+34.46	0.0	DISK SET IN CONCRETE	E026		
455	1115034.738	2014618.698	1425+99.24	0.0	DISK SET IN CONCRETE	E026		
1473	1117712.413	2018481.344	1472+99.24	0.0	DISK SET IN CONCRETE	E026		
456	1119939.955	2021693.666	1512+08.32	0.0	DISK SET IN CONCRETE	E026		
1303	1120051.229	2021854.151	1514+03.76	31.8 Lt	DISK SET IN CONCRETE	E025		

MODEL: E026 - Plan 3 (Sheet)
FILE NAME: c:\p\work\p\id\caraballo\04098226\0672286-sh1-Stage 1.dgn



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE

WORK AREA

DIRECTION OF TRAFFIC

①

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

②

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

SHOULDER RECONSTRUCTION FOR STAGE TRAFFIC (PRE-STAGE I):
PR PAVED SHOULDER REMOVAL / EARTH EX / PR SUBBASE GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

PR BRIDGE APPROACH SHOULDER REMOVAL (SPECIAL)
PR EARTH EXCAVATION / PR SUBBASED GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

COMBINATION CURB AND GUTTER REMOVAL
EARTH EX / PR HMA BASE COURSE, 10"

TRAFFIC CONTROL PRE-STAGE I

1.

REMOVE EXISTING BRIDGE APPROACH SHOULDERS, INLET BOXES AND CONCRETE CURB AND GUTTER IN PREPARATION FOR HMA SHOULDER REPLACEMENT FOR STAGE I AND STAGE II TRAFFIC.

2.

REMOVE AND REPLACE HMA SHOULDERS FOR STAGE I AND STAGE II TRAFFIC USING STANDARD 701400 & 701401.

3.

HIGHWAY STANDARDS USED:
- 701400
- 701401

TRAFFIC CONTROL STAGE I

1.

INSTALL TRAFFIC CONTROL FOR STAGE I AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.

2.

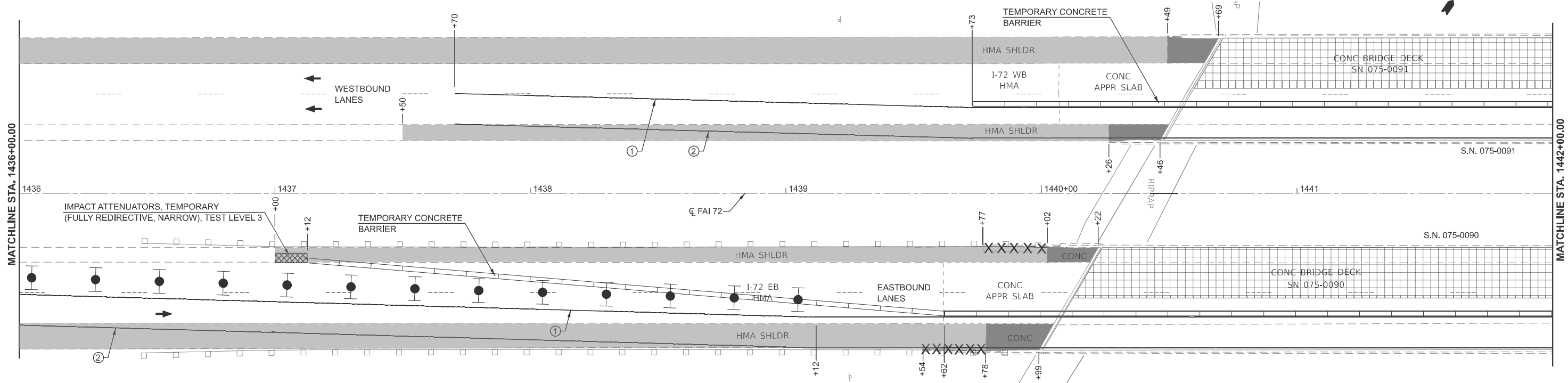
HIGHWAY STANDARDS USED:
- 701400
- 701402 (SPECIAL)

3.

TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.

4.

ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



	USER NAME	= frank.caraballo	DESIGNED	-	REVISED	-
	DRAWN	-	REVISION	-	REVISED	-
	CHECKED	-	REVISION	-	REVISED	-
	PLOT DATE	= 6/19/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 1
FAI 72 (I-72)

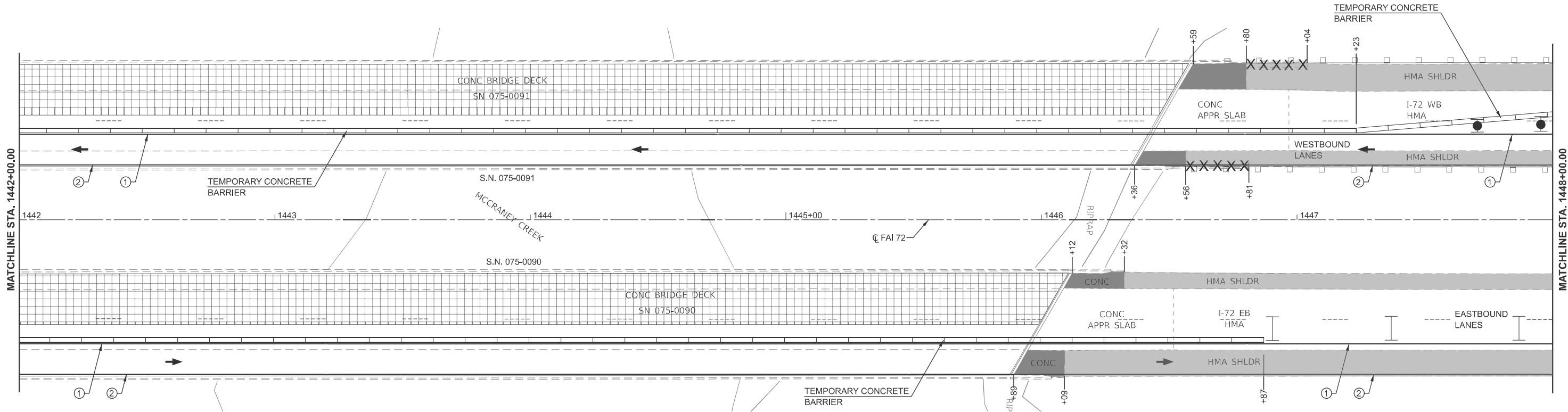
SCALE: 1"=20'

SHEET 23 OF 13 SHEETS

STA. 1430+00.00 TO STA. 1442+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	23
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: E026 - Plan 5 [Sheet]
FILE NAME: c:\p\work\p\id\caraballo\0988226\0672286-sh-Stage 1.dgn



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE

WORK AREA

DIRECTION OF TRAFFIC

①

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

②

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

SHOULDER RECONSTRUCTION FOR STAGE TRAFFIC (PRE-STAGE I):
PR PAVED SHOULDER REMOVAL / EARTH EX / PR SUBBASE GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

PR BRIDGE APPROACH SHOULDER REMOVAL (SPECIAL)
PR EARTH EXCAVATION / PR SUBBASED GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

COMBINATION CURB AND GUTTER REMOVAL
EARTH EX / PR HMA BASE COURSE, 10"

TRAFFIC CONTROL PRE-STAGE I

1.

REMOVE EXISTING BRIDGE APPROACH SHOULDERS, INLET BOXES AND CONCRETE CURB AND GUTTER IN PREPARATION FOR HMA SHOULDER REPLACEMENT FOR STAGE I AND STAGE II TRAFFIC.

2.

REMOVE AND REPLACE HMA SHOULDERS FOR STAGE I AND STAGE II TRAFFIC USING STANDARD 701400 & 701401.

3.

HIGHWAY STANDARDS USED:
- 701400
- 701401

TRAFFIC CONTROL STAGE I

1.

INSTALL TRAFFIC CONTROL FOR STAGE I AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.

2.

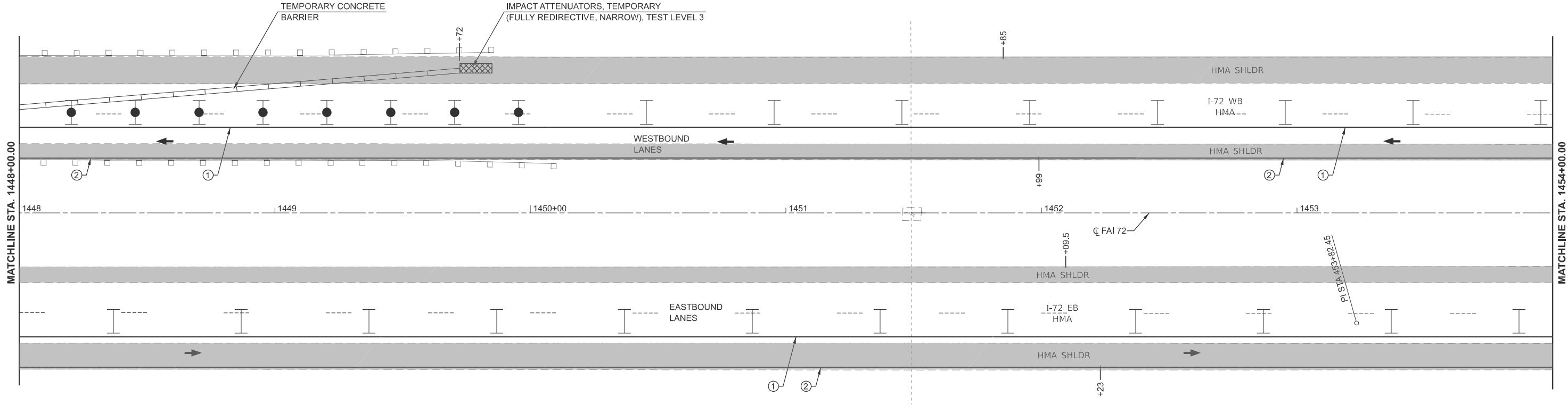
HIGHWAY STANDARDS USED:
- 701400
- 701402 (SPECIAL)

3.

TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.

4.

ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



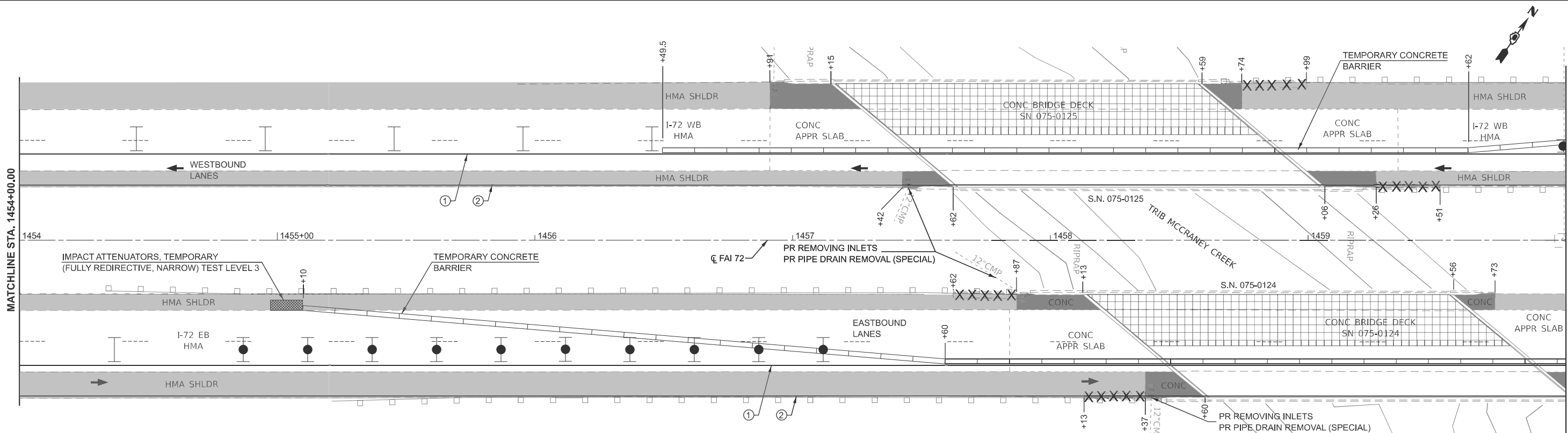
PLOT DATE	USER NAME	DESIGNED	REVISED
	= frank.caraballo	-	-
	DRAWN	-	REVISED
	CHECKED	-	REVISED
DATE		-	REVISED
		-	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20'		SHEET 24		OF 13 SHEETS		STA. 1442+00.00		TO STA. 1454+00.00	
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STAGE 1 FAI 72 (I-72)		FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		72	(75-2)BDR,BP	PIKE	90	24
		CONTRACT NO. 72286				
		ILLINOIS FED. AID PROJECT				

MODEL: E026 - Plan 7 (Sheet)
FILE NAME: c:\pwy_work\pwy\id\caraballo\04988226\0672285-sh-Stage 1.dgn



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE

WORK AREA

DIRECTION OF TRAFFIC

①

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

②

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

SHOULDER RECONSTRUCTION FOR STAGE TRAFFIC (PRE-STAGE I):
PR PAVED SHOULDER REMOVAL / EARTH EX / PR SUBBASE GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

PR BRIDGE APPROACH SHOULDER REMOVAL (SPECIAL)
PR EARTH EXCAVATION / PR SUBBASED GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

COMBINATION CURB AND GUTTER REMOVAL
EARTH EX / PR HMA BASE COURSE, 10"

TRAFFIC CONTROL PRE-STAGE I

1. REMOVE EXISTING BRIDGE APPROACH SHOULDERS, INLET BOXES AND CONCRETE CURB AND GUTTER IN PREPARATION FOR HMA SHOULDER REPLACEMENT FOR STAGE I AND STAGE II TRAFFIC.

2. REMOVE AND REPLACE HMA SHOULDERS FOR STAGE I AND STAGE II TRAFFIC USING STANDARD 701400 & 701401.

3. HIGHWAY STANDARDS USED:
- 701400
- 701401

TRAFFIC CONTROL STAGE I

1. INSTALL TRAFFIC CONTROL FOR STAGE I AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.

2. HIGHWAY STANDARDS USED:
- 701400
- 701402 (SPECIAL)

3. TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.

4. ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).

PLOT DATE	USER NAME	DESIGNED	REVISED
	= frank.caraballo	-	-
	DRAWN	-	REVISED
	CHECKED	-	REVISED
DATE	6/19/2025	-	REVISED
			-

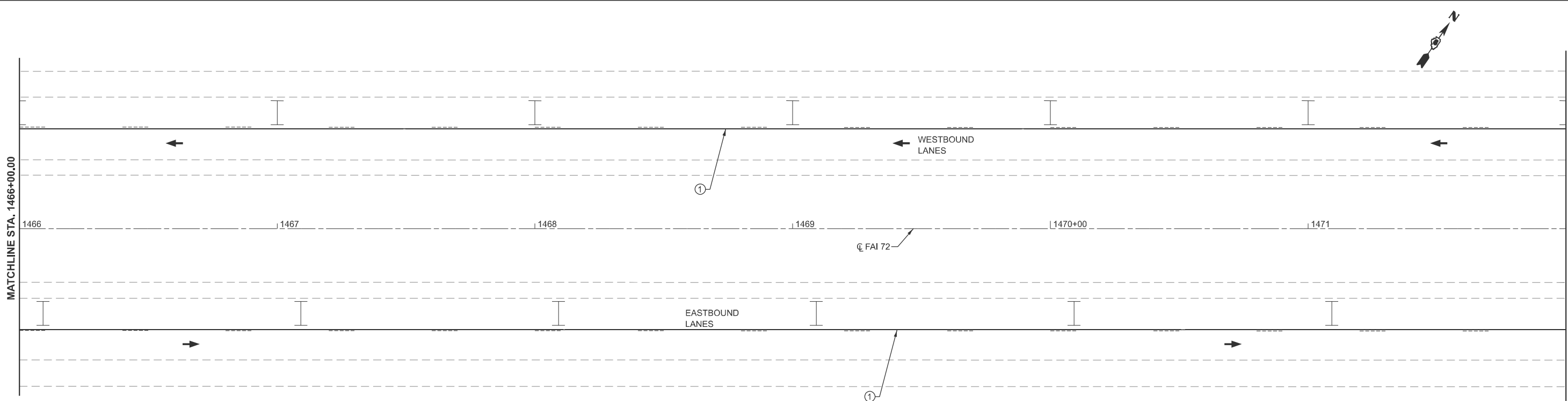
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20'			
SHEET 25	OF 13 SHEETS	STA. 1454+00.00	TO STA. 1466+00.00

STAGE 1
FAI 72 (I-72)

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	25
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: E026 - Plan 9 (Sheet)
FILE NAME: c:\p\work\p\work\caraballo\0988226\0672286-sh-Stage 1.dgn



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE

WORK AREA

DIRECTION OF TRAFFIC

LEGEND

① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

② TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

SHOULDER RECONSTRUCTION FOR STAGE TRAFFIC (PRE-STAGE I):
PR PAVED SHOULDER REMOVAL / EARTH EX / PR SUBBASE GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

PR BRIDGE APPROACH SHOULDER REMOVAL (SPECIAL)
PR EARTH EXCAVATION / PR SUBBASE GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

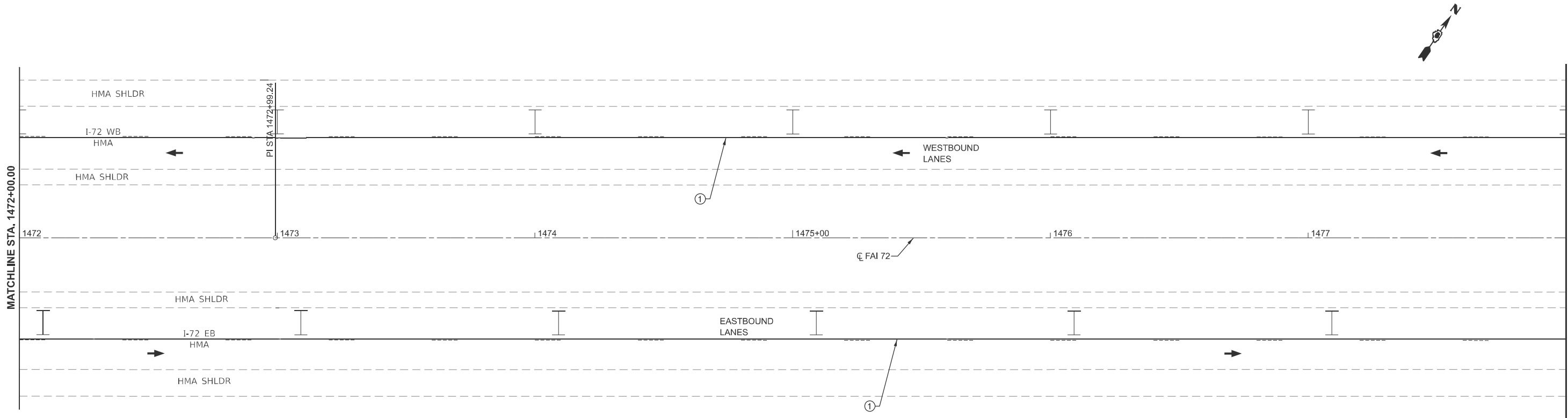
COMBINATION CURB AND GUTTER REMOVAL
EARTH EX / PR HMA BASE COURSE, 10"

TRAFFIC CONTROL PRE-STAGE I

- REMOVE EXISTING BRIDGE APPROACH SHOULDERS, INLET BOXES AND CONCRETE CURB AND GUTTER IN PREPARATION FOR HMA SHOULDER REPLACEMENT FOR STAGE I AND STAGE II TRAFFIC.
- REMOVE AND REPLACE HMA SHOULDERS FOR STAGE I AND STAGE II TRAFFIC USING STANDARD 701400 & 701401.
- HIGHWAY STANDARDS USED:
 - 701400
 - 701401

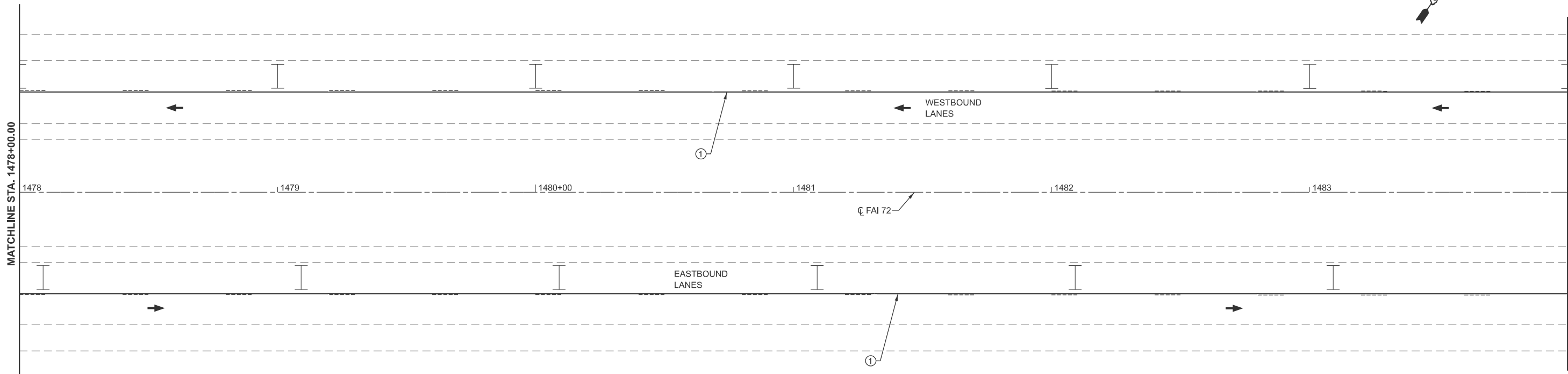
TRAFFIC CONTROL STAGE I

- INSTALL TRAFFIC CONTROL FOR STAGE I AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.
- HIGHWAY STANDARDS USED:
 - 701400
 - 701402 (SPECIAL)
- TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.
- ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



	USER NAME = frank.caraballo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1 FAI 72 (I-72)			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					72	(75-2)BDR,BP	PIKE	90	26
		CHECKED -	REVISED -					CONTRACT NO. 72286				
	PLOT DATE = 6/19/2025	DATE -	REVISED -		SCALE: 1"=20'	SHEET 26	OF 13 SHEETS	STA. 1466+00.00	TO STA. 1478+00.00	ILLINOIS FED. AID PROJECT		

MODEL: E026 - Plan 11 [Sheet]
FILE NAME: c:\p\work\p\work\caraballo\0098226\0672286-sh1-Stage 1.dgn



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE

WORK AREA

DIRECTION OF TRAFFIC

LEGEND

① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

② TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

SHOULDER RECONSTRUCTION FOR STAGE TRAFFIC (PRE-STAGE I):
PR PAVED SHOULDER REMOVAL / EARTH EX / PR SUBBASE GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

PR BRIDGE APPROACH SHOULDER REMOVAL (SPECIAL)
PR EARTH EXCAVATION / PR SUBBASE GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

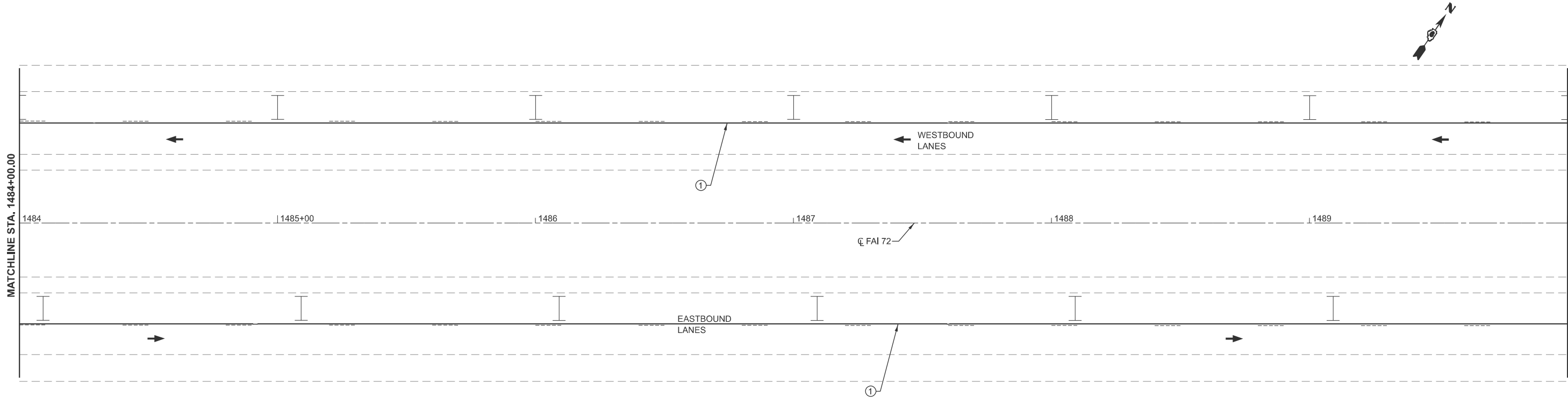
COMBINATION CURB AND GUTTER REMOVAL
EARTH EX / PR HMA BASE COURSE, 10"

TRAFFIC CONTROL PRE-STAGE I

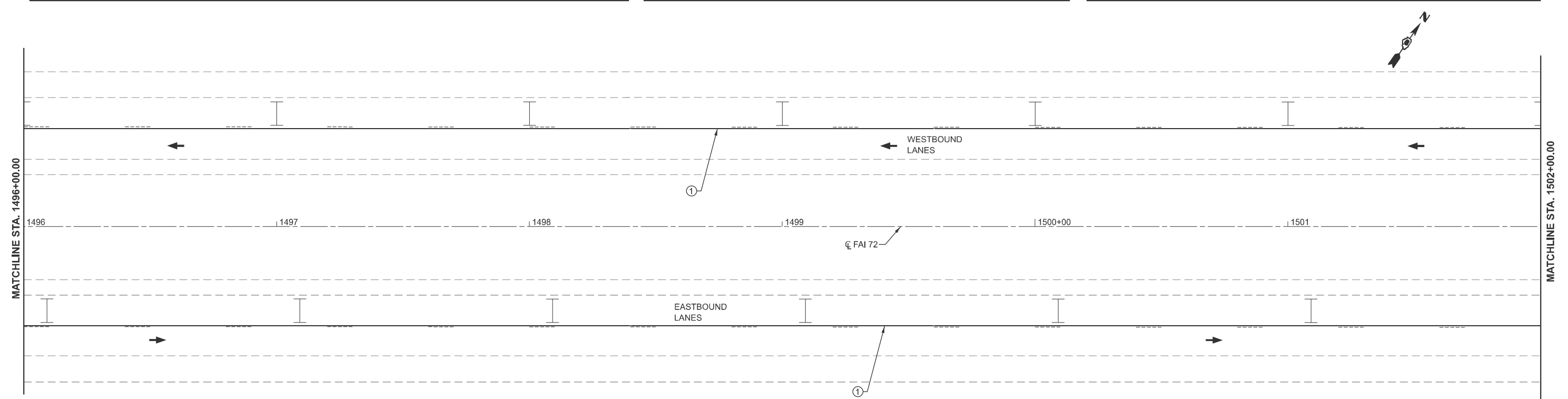
- REMOVE EXISTING BRIDGE APPROACH SHOULDERS, INLET BOXES AND CONCRETE CURB AND GUTTER IN PREPARATION FOR HMA SHOULDER REPLACEMENT FOR STAGE I AND STAGE II TRAFFIC.
- REMOVE AND REPLACE HMA SHOULDERS FOR STAGE I AND STAGE II TRAFFIC USING STANDARD 701400 & 701401.
- HIGHWAY STANDARDS USED:
 - 701400
 - 701401

TRAFFIC CONTROL STAGE I

- INSTALL TRAFFIC CONTROL FOR STAGE I AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.
- HIGHWAY STANDARDS USED:
 - 701400
 - 701402 (SPECIAL)
- TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.
- ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).

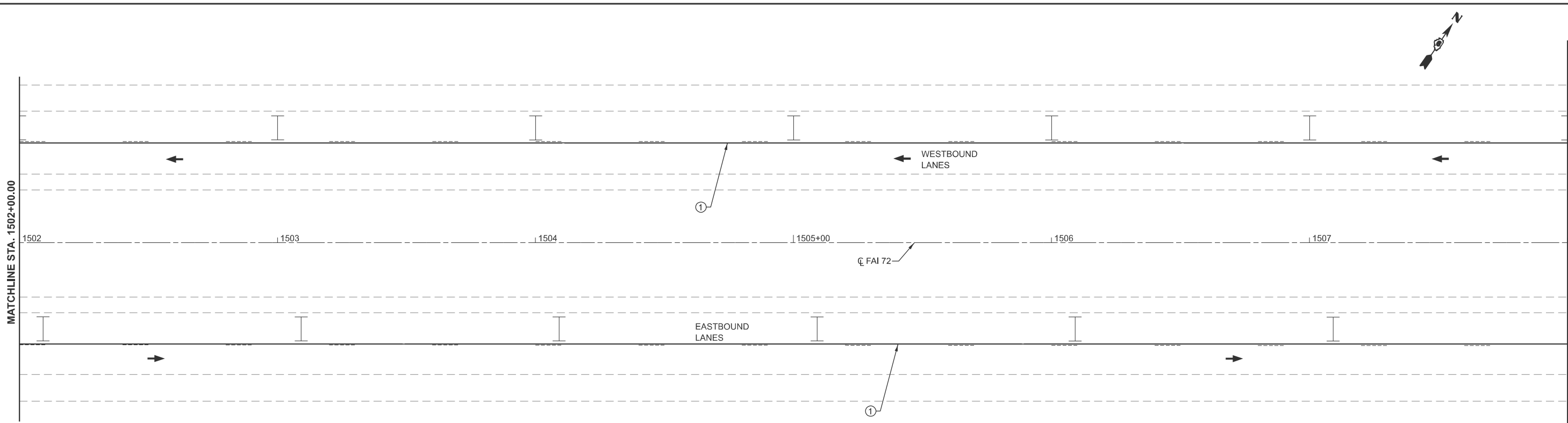


	USER NAME = frank.caraballo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1 FAI 72 (I-72)				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						72	(75-2)BDR,BP	PIKE	90	27
		CHECKED -	REVISED -		CONTRACT NO. 72286								
	PLOT DATE = 6/19/2025	DATE -	REVISED -		SCALE: 1"=20'	SHEET 27	OF 13 SHEETS	STA. 1478+00.00	TO STA. 1490+00.00	ILLINOIS FED. AID PROJECT			



	USER NAME = frank.caraballo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1 FAI 72 (I-72)				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						72	(75-2)BDR,BP	PIKE	90	28
		CHECKED -	REVISED -		CONTRACT NO. 72286								
	PLOT DATE = 6/19/2025	DATE -	REVISED -		SCALE: 1"=20'	SHEET 28	OF 13 SHEETS	STA. 1490+00.00	TO STA. 1502+00.00				
									ILLINOIS FED. AID PROJECT				

MODEL: E026 - Plan 15 [Sheet]
FILE NAME: c:\p_work\p\widoc\caraballo\0d988226\0d672286-sh-Stage 1.dgn



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE

WORK AREA

DIRECTION OF TRAFFIC

LEGEND

① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

② TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

SHOULDER RECONSTRUCTION FOR STAGE TRAFFIC (PRE-STAGE I):
PR PAVED SHOULDER REMOVAL / EARTH EX / PR SUBBASE GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

PR BRIDGE APPROACH SHOULDER REMOVAL (SPECIAL)
PR EARTH EXCAVATION / PR SUBBASED GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

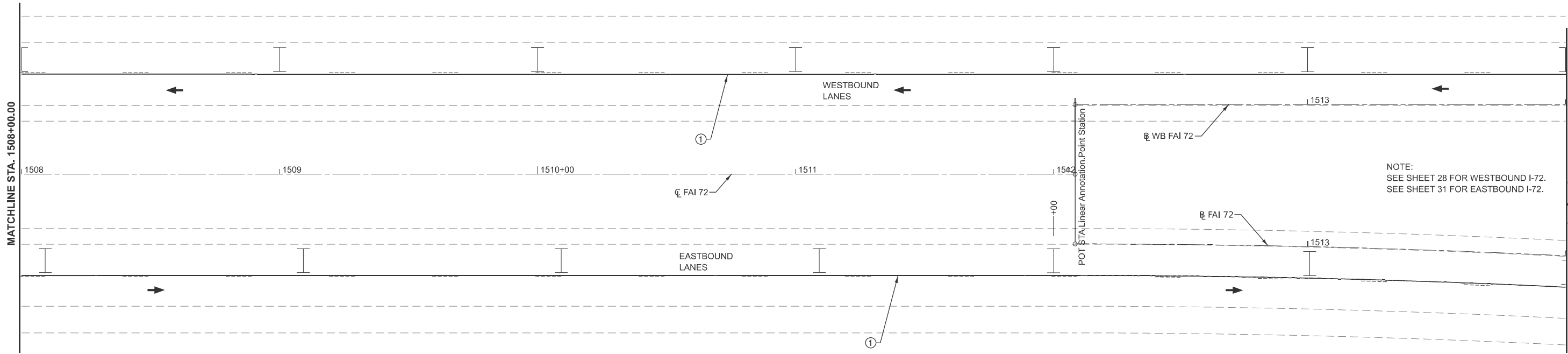
COMBINATION CURB AND GUTTER REMOVAL
EARTH EX / PR HMA BASE COURSE, 10"

TRAFFIC CONTROL PRE-STAGE I

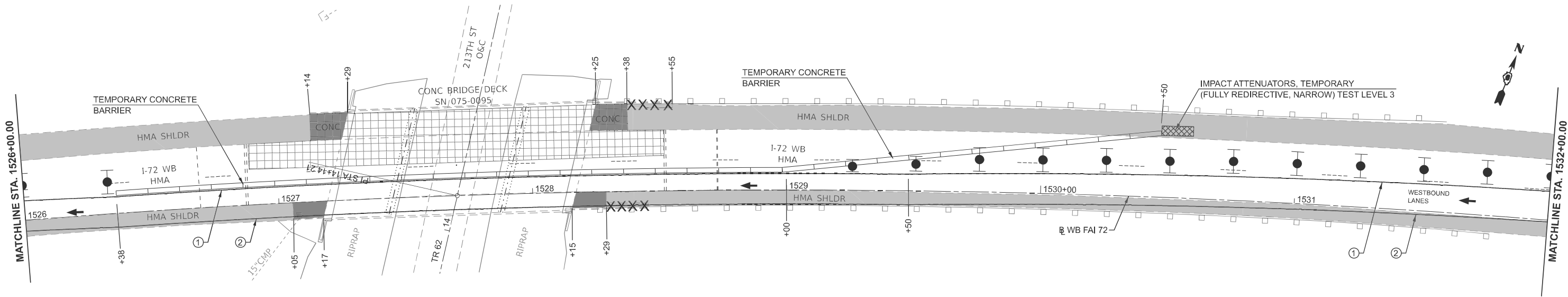
- REMOVE EXISTING BRIDGE APPROACH SHOULDERS, INLET BOXES AND CONCRETE CURB AND GUTTER IN PREPARATION FOR HMA SHOULDER REPLACEMENT FOR STAGE I AND STAGE II TRAFFIC.
- REMOVE AND REPLACE HMA SHOULDERS FOR STAGE I AND STAGE II TRAFFIC USING STANDARD 701400 & 701401.
- HIGHWAY STANDARDS USED:
 - 701400
 - 701401

TRAFFIC CONTROL STAGE I

- INSTALL TRAFFIC CONTROL FOR STAGE I AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.
- HIGHWAY STANDARDS USED:
 - 701400
 - 701402 (SPECIAL)
- TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.
- ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



	USER NAME	= frank.caraballo	DESIGNED	-	REVISED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1 FAI 72 (I-72)					F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN	-	REVISED	-							72	(75-2)BDR,BP	PIKE	90	29
			CHECKED	-	REVISED	-							CONTRACT NO. 72286				
	PLOT DATE	= 6/19/2025	DATE	-	REVISED	-		ILLINOIS FED. AID PROJECT									
	SCALE: 1"=20'		SHEET 29		OF 13			SHEETS		STA. 1502+00.00		TO STA. 1514+00.00					



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE

WORK AREA

DIRECTION OF TRAFFIC

①

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

②

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

SHOULDER RECONSTRUCTION FOR STAGE TRAFFIC (PRE-STAGE I):
PR PAVED SHOULDER REMOVAL / EARTH EX / PR SUBBASE GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

PR BRIDGE APPROACH SHOULDER REMOVAL (SPECIAL)
PR EARTH EXCAVATION / PR SUBBASED GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

COMBINATION CURB AND GUTTER REMOVAL
EARTH EX / PR HMA BASE COURSE, 10"

- TRAFFIC CONTROL PRE-STAGE I
1.

REMOVE EXISTING BRIDGE APPROACH SHOULDERS, INLET BOXES AND CONCRETE CURB AND GUTTER IN PREPARATION FOR HMA SHOULDER REPLACEMENT FOR STAGE I AND STAGE II TRAFFIC.
2.

REMOVE AND REPLACE HMA SHOULDERS FOR STAGE I AND STAGE II TRAFFIC USING STANDARD 701400 & 701401.
3.

HIGHWAY STANDARDS USED:
- 701400
- 701401

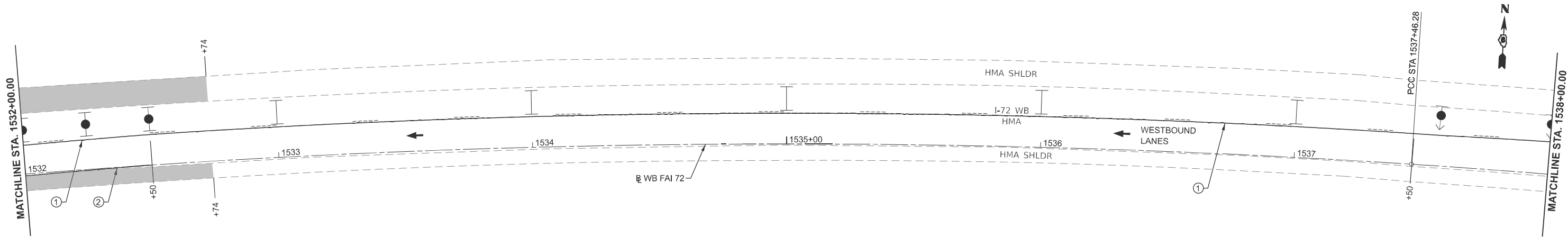
- TRAFFIC CONTROL STAGE I
1.

INSTALL TRAFFIC CONTROL FOR STAGE I AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.
2.

HIGHWAY STANDARDS USED:
- 701400
- 701402 (SPECIAL)
3.

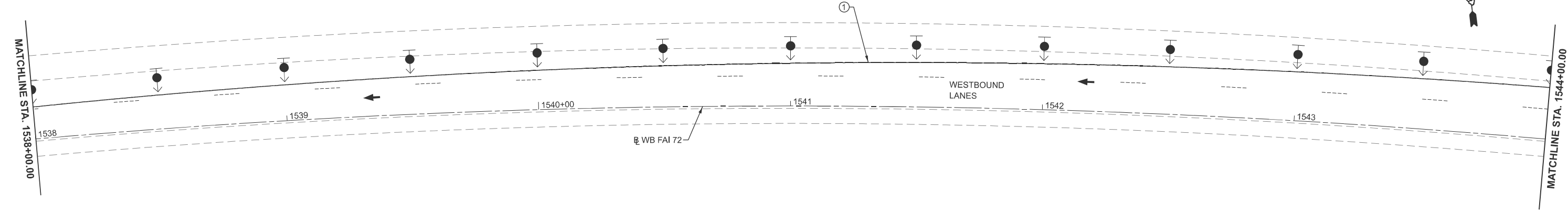
TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.
4.

ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



MODEL: E023 - Plan 19 [Sheet]
FILE NAME: c:\p\work\p\road\caraballo\40988226\0672286-sh-Stage 1.dgn

	USER NAME = frank.caraballo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1 FAI 72 (I-72)				F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						72	(75-2)BDR,BP	PIKE	90	31
		CHECKED -	REVISED -						CONTRACT NO. 72286				
	PLOT DATE = 6/19/2025	DATE -	REVISED -		SCALE: 1"=20'				SHEET 31	OF 13	SHEETS	STA. 1526+00.00	TO STA. 1538+00.00
	ILLINOIS FED. AID PROJECT												



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE

WORK AREA

DIRECTION OF TRAFFIC

①

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

②

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

SHOULDER RECONSTRUCTION FOR STAGE TRAFFIC (PRE-STAGE I):
PR PAVED SHOULDER REMOVAL / EARTH EX / PR SUBBASE GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

PR BRIDGE APPROACH SHOULDER REMOVAL (SPECIAL)
PR EARTH EXCAVATION / PR SUBBASE GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

COMBINATION CURB AND GUTTER REMOVAL
EARTH EX / PR HMA BASE COURSE, 10"

- TRAFFIC CONTROL PRE-STAGE I
1.

REMOVE EXISTING BRIDGE APPROACH SHOULDERS, INLET BOXES AND CONCRETE CURB AND GUTTER IN PREPARATION FOR HMA SHOULDER REPLACEMENT FOR STAGE I AND STAGE II TRAFFIC.
2.

REMOVE AND REPLACE HMA SHOULDERS FOR STAGE I AND STAGE II TRAFFIC USING STANDARD 701400 & 701401.
3.

HIGHWAY STANDARDS USED:
- 701400
- 701401

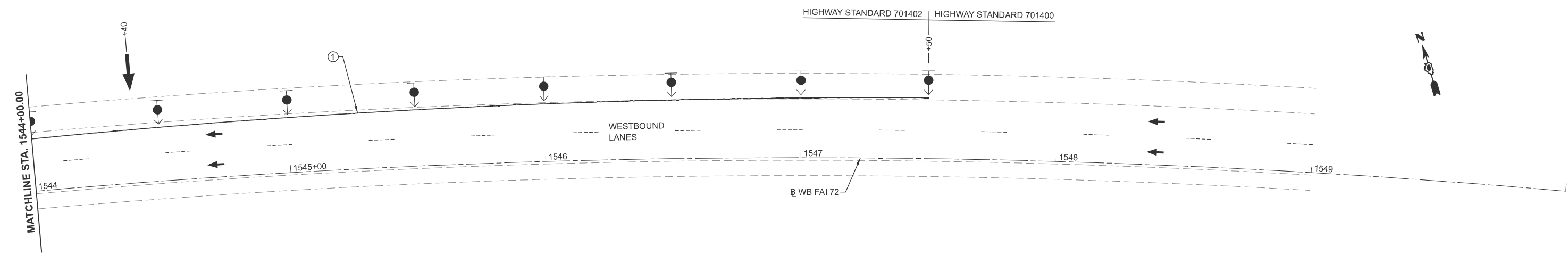
- TRAFFIC CONTROL STAGE I
1.

INSTALL TRAFFIC CONTROL FOR STAGE I AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.
2.

HIGHWAY STANDARDS USED:
- 701400
- 701402 (SPECIAL)
3.

TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.
4.

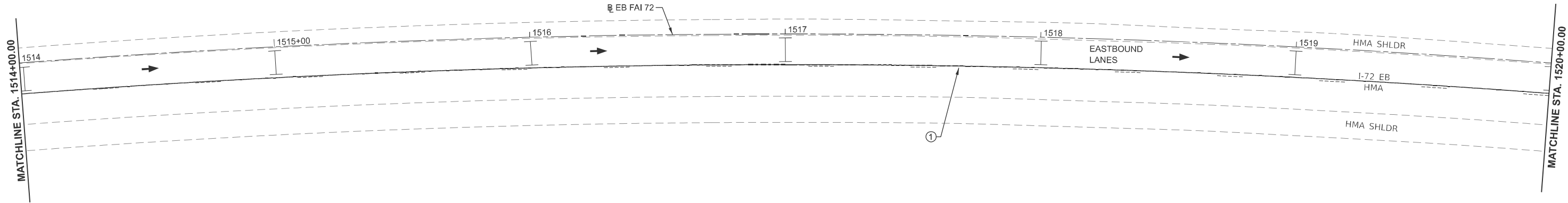
ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



MODEL: E023 - Plan 21 [Sheet]
FILE NAME: c:\p\work\p\idoc\caraballo\04988226\0672286-sh1-Stage 1.dgn

	USER NAME	= frank.caraballo	DESIGNED	-	REVISED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1 FAI 72 (I-72)					F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN	-	REVISED	-							72	(75-2)BDR,BP	PIKE	90	32
			CHECKED	-	REVISED	-							CONTRACT NO. 72286				
	PLOT DATE	= 6/19/2025	DATE	-	REVISED	-		ILLINOIS FED. AID PROJECT									
								SCALE: 1"=20'	SHEET 32	OF 13	SHEETS	STA. 1538+00.00	TO STA. 1550+00.00				

MODEL: E025 - Plan 23 [Sheet]
FILE NAME: c:\p\work\caraballo\0988226\0672286-sh-Stage 1.dgn



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE

WORK AREA

DIRECTION OF TRAFFIC

①

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

②

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

SHOULDER RECONSTRUCTION FOR STAGE TRAFFIC (PRE-STAGE I):
PR PAVED SHOULDER REMOVAL / EARTH EX / PR SUBBASE GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

PR BRIDGE APPROACH SHOULDER REMOVAL (SPECIAL)
PR EARTH EXCAVATION / PR SUBBASED GRANULAR MATERIAL, TYPE C, 6" / PR HMA BASE COURSE, 10"

COMBINATION CURB AND GUTTER REMOVAL
EARTH EX / PR HMA BASE COURSE, 10"

TRAFFIC CONTROL PRE-STAGE I

1.

REMOVE EXISTING BRIDGE APPROACH SHOULDERS, INLET BOXES AND CONCRETE CURB AND GUTTER IN PREPARATION FOR HMA SHOULDER REPLACEMENT FOR STAGE I AND STAGE II TRAFFIC.

2.

REMOVE AND REPLACE HMA SHOULDERS FOR STAGE I AND STAGE II TRAFFIC USING STANDARD 701400 & 701401.

3.

HIGHWAY STANDARDS USED:
- 701400
- 701401

TRAFFIC CONTROL STAGE I

1.

INSTALL TRAFFIC CONTROL FOR STAGE I AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.

2.

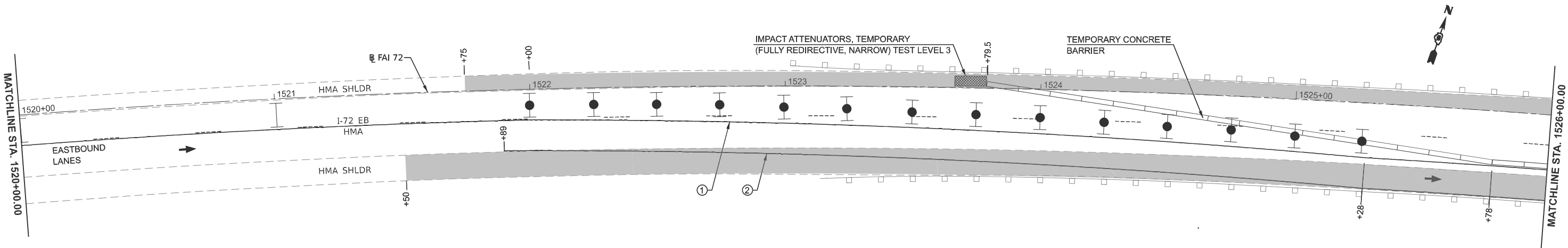
HIGHWAY STANDARDS USED:
- 701400
- 701402 (SPECIAL)

3.

TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.

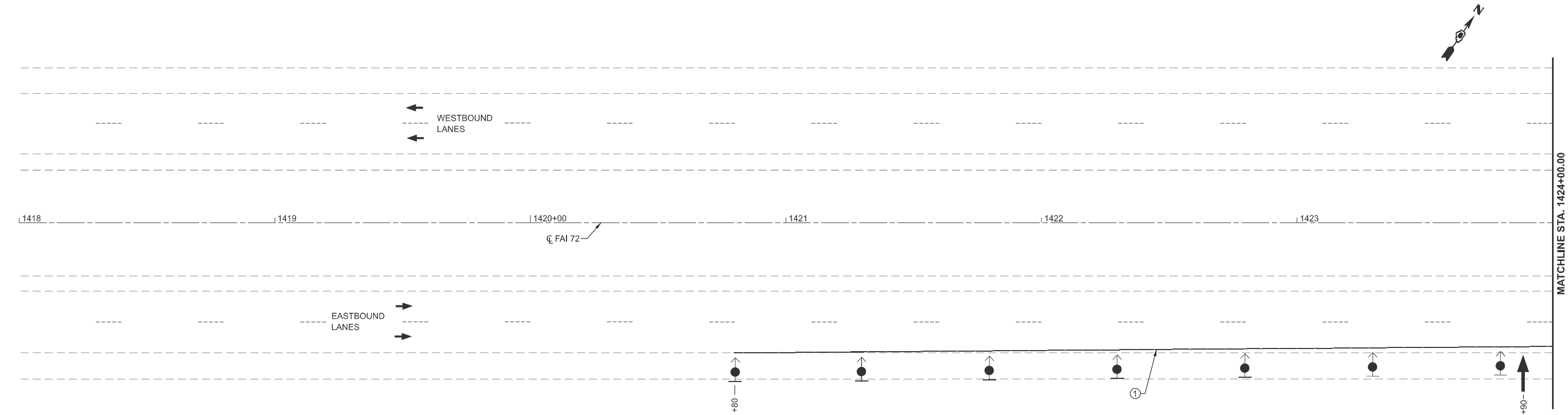
4.

ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



	USER NAME	= frank.caraballo	DESIGNED	-	REVISED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1 FAI 72 (I-72)			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN	-	REVIS	-	REVISED	-					72	(75-2)BDR,BP	PIKE	90	33
	CHECKED	-	REVIS	-	REVISED	-					CONTRACT NO. 72286				
	DATE	-	REVIS	-	REVISED	-					ILLINOIS FED. AID PROJECT				
PLOT DATE		= 6/19/2025	DATE	-	REVISED	-	SCALE: 1"=20'		SHEET 33	OF 13 SHEETS	STA. 1514+00.00	TO STA. 1526+00.00			

MODEL: E026 - Plan 1 [Sheet]
FILE NAME: c:\p\work\p\work\caraballo\0672286-sh-Stage 2.dgn



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE

①

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

②

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

WORK AREA

DIRECTION OF TRAFFIC

TRAFFIC CONTROL STAGE 2

1.

INSTALL TRAFFIC CONTROL FOR STAGE 2 AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.

2.

HIGHWAY STANDARDS USED:

- 701400

- 701402 (SPECIAL)

3.

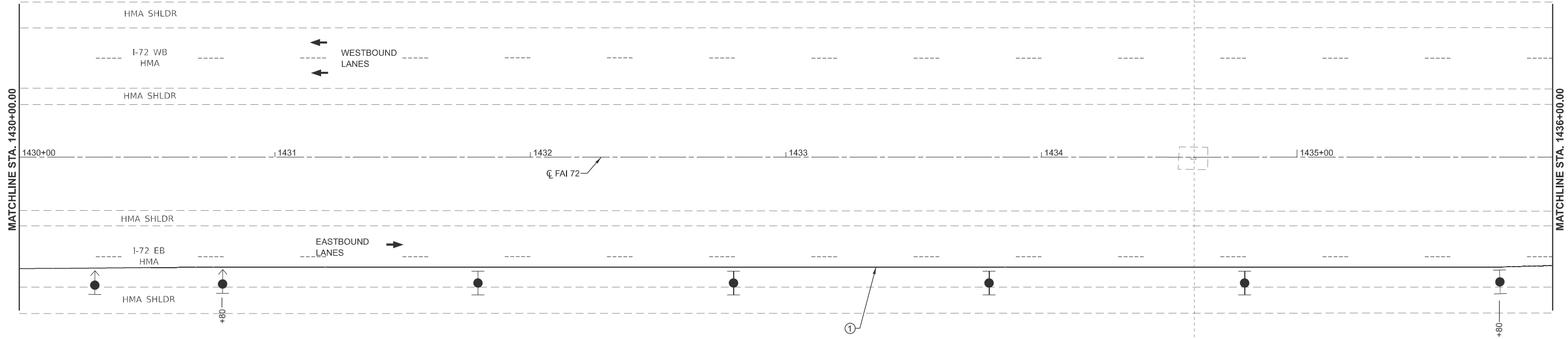
TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.

4.

ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).

	USER NAME	= frank.caraballo	DESIGNED	-	REVISED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 2 FAI 72 (I-72)			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN	-	REVISED	-					72	(75-2)BDR,BP	PIKE	90	35
			CHECKED	-	REVISED	-					CONTRACT NO. 72286				
	PLOT DATE	= 6/26/2025	DATE	-	REVISED	-					ILLINOIS FED. AID PROJECT				
SCALE: 1"=20'		SHEET 35		OF 13		SHEETS		STA. 1418+00.00		TO STA. 1430+00.00					

MODEL: E026 - Plan 3 (Sheet)
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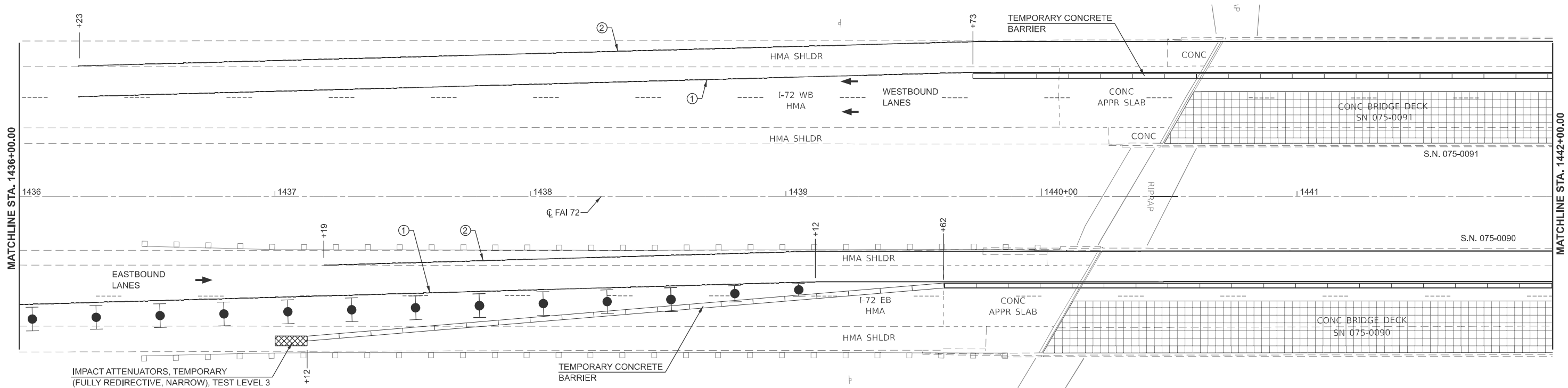
LEGEND

- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- WORK AREA
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL STAGE 2

- INSTALL TRAFFIC CONTROL FOR STAGE 2 AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.
- HIGHWAY STANDARDS USED:
 - 701400
 - 701402 (SPECIAL)
- TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.
- ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



	USER NAME	= frank.caraballo	DESIGNED	-	REVISED	-
	DRAWN	-	REVIS	-	REVISED	-
	CHECKED	-	REVIS	-	REVISED	-
	DATE	-	REVIS	-	REVISED	-
	PLOT DATE	= 6/26/2025	DATE	-	REVISED	-

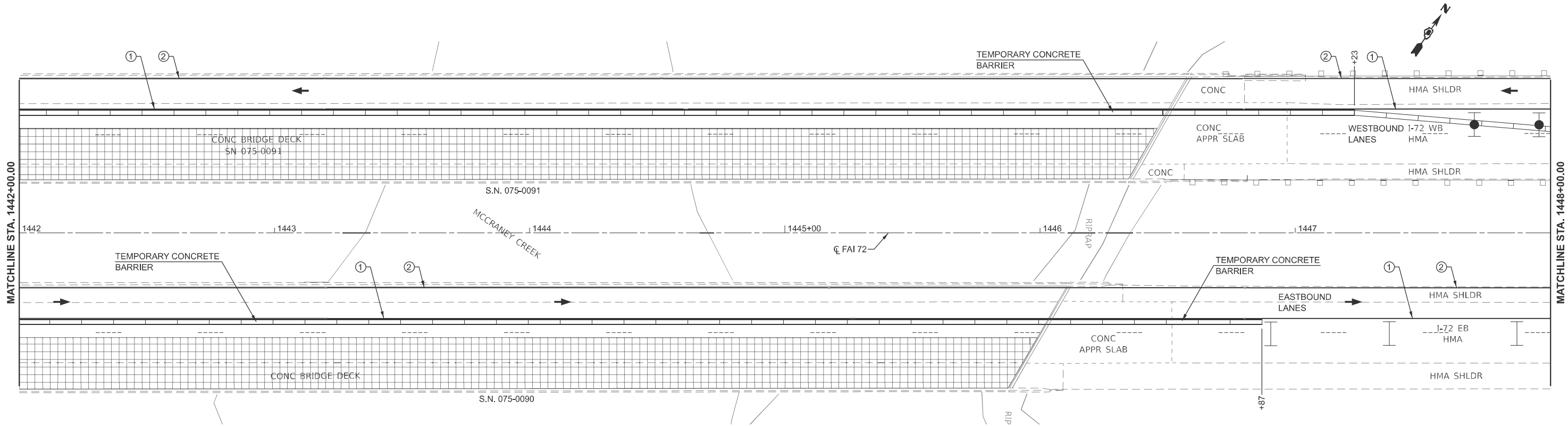
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2
FAI 72 (I-72)

SCALE: 1"=20' SHEET 36 OF 13 SHEETS STA. 1430+00.00 TO STA. 1442+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	36
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: E026 - Plan 5 [Sheet]
FILE NAME: c:\p\work\p\work\caraballo\40988226\0672286-sh-Stage 2.dgn



LEGEND

● DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

● TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

┌ TYPE II BARRICADE

① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

② TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

▢ WORK AREA

➔ DIRECTION OF TRAFFIC

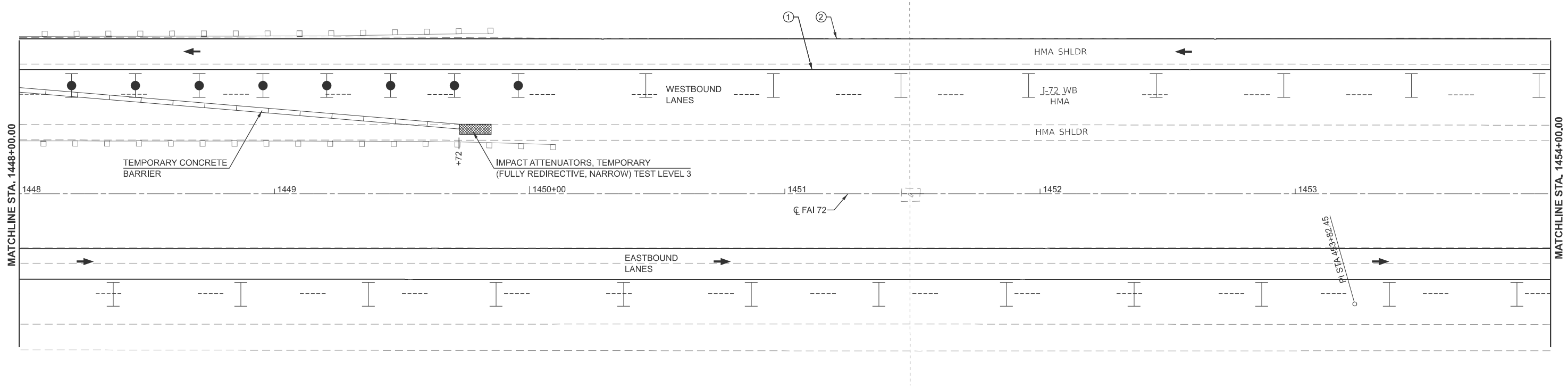
TRAFFIC CONTROL STAGE 2

1. INSTALL TRAFFIC CONTROL FOR STAGE 2 AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.

2. HIGHWAY STANDARDS USED:
- 701400
- 701402 (SPECIAL)

3. TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.

4. ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



PLOT DATE	USER NAME	DESIGNED	REVISED
	= frank.caraballo	-	-
	DRAWN	-	-
	CHECKED	-	-
DATE		REVIS	
		-	-

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

STAGE 2

FAI 72 (I-72)

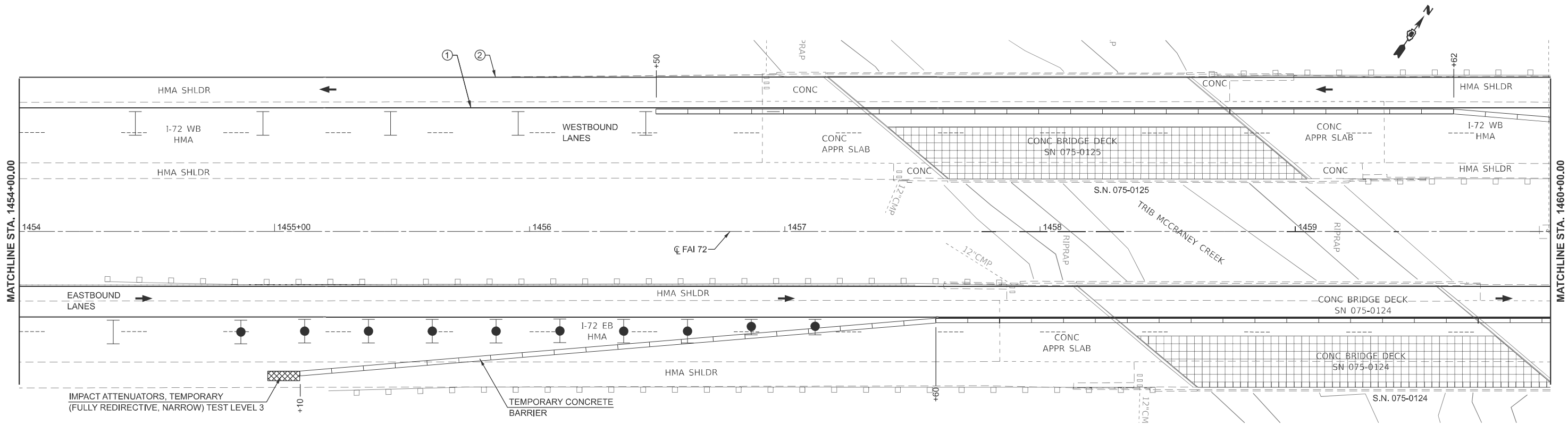
SCALE: 1"=20'

SHEET 37 OF 13 SHEETS

STA. 1442+00.00 TO STA. 1454+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	37
CONTRACT NO. 72286				
ILLINOIS FED.AID PROJECT				

MODEL: E026 - Plan 7 (Sheet)
FILE NAME: c:\p\work\id01\caraballo\id0988226\0672286-sh-Stage 2.dgn



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE

①

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

②

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

WORK AREA

DIRECTION OF TRAFFIC

- TRAFFIC CONTROL STAGE 2
1.

INSTALL TRAFFIC CONTROL FOR STAGE 2 AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.
2.

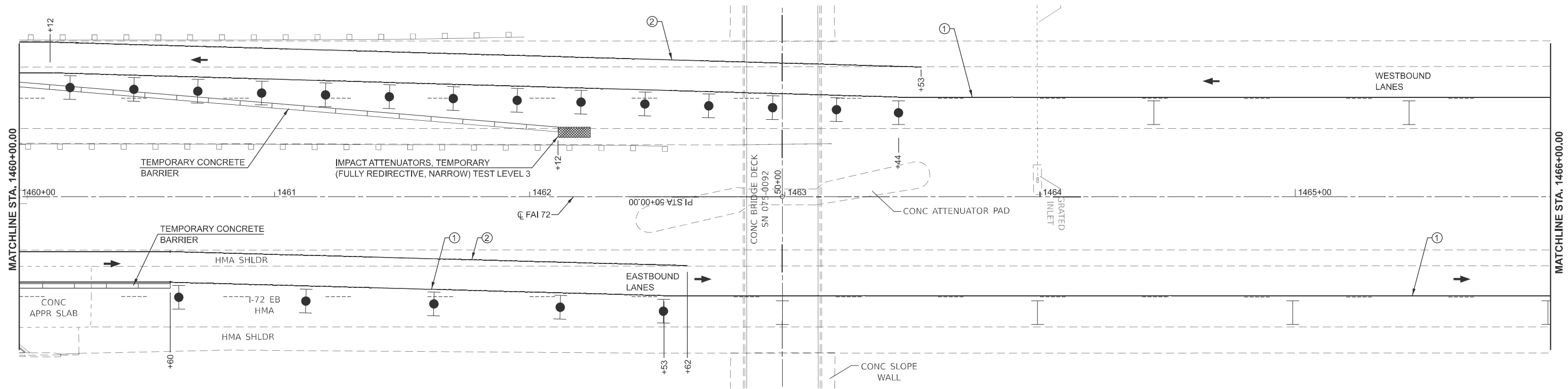
HIGHWAY STANDARDS USED:

- 701400

- 701402 (SPECIAL)
3.

TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.
4.

ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



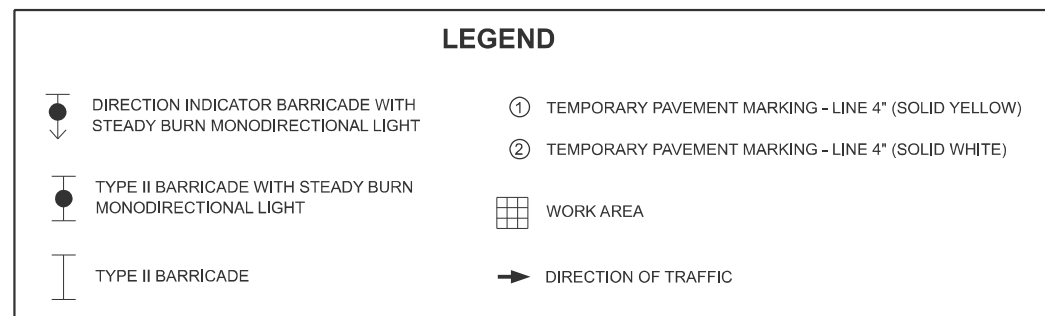
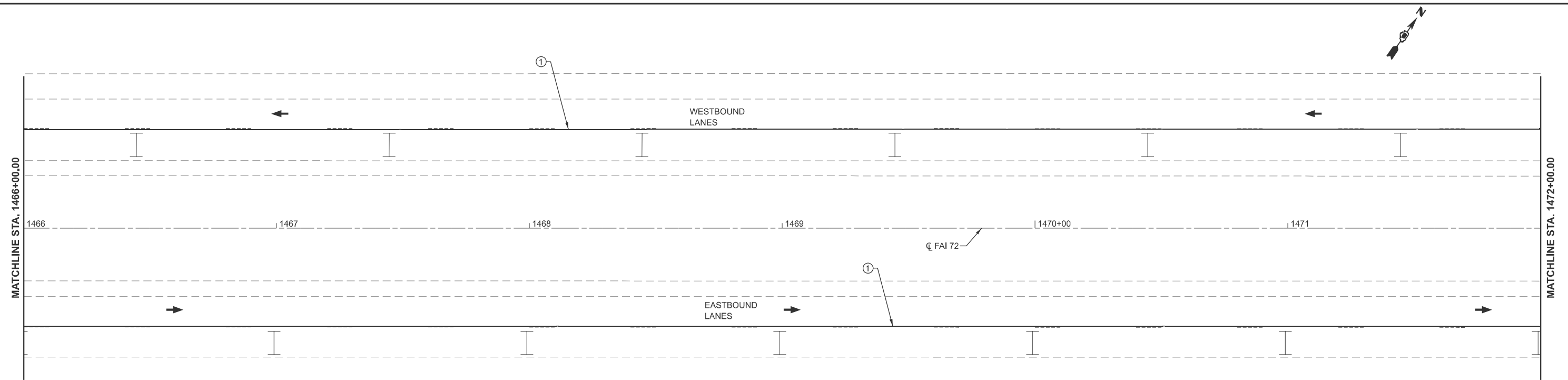
USER NAME = frank.caraballo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -
PLOT DATE = 6/26/2025		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

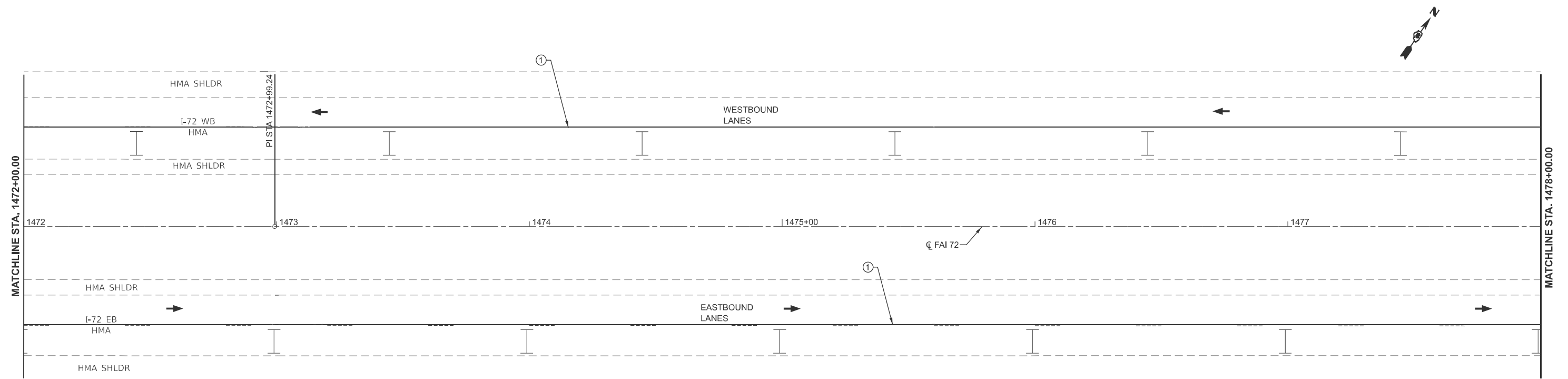
SCALE: 1"=20'			
SHEET 38	OF 13 SHEETS	STA. 1454+00.00	TO STA. 1466+00.00

STAGE 2
FAI 72 (I-72)

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	38
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				



- ## TRAFFIC CONTROL STAGE 2
1. INSTALL TRAFFIC CONTROL FOR STAGE 2 AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.
 2. HIGHWAY STANDARDS USED:
 - 701400
 - 701402 (SPECIAL)
 3. TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.
 4. ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



USER NAME = frank.caraballo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/26/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

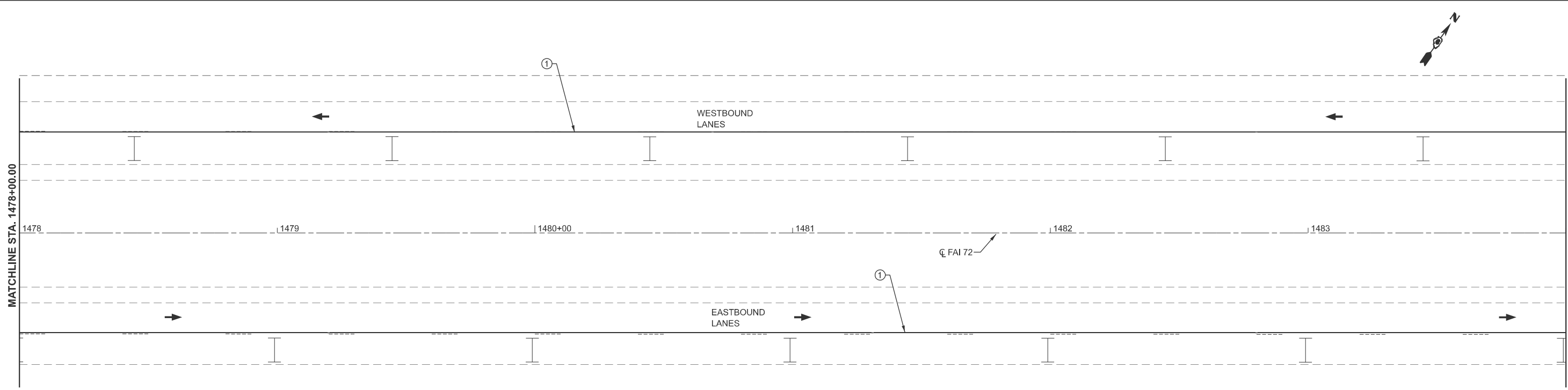
STAGE 2
FAI 72 (I-72)

SCALE: 1"=20'	SHEET 39	OF 13	SHEETS	STA. 1466+00.00	TO STA. 1478+00.00
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	39
		CONTRACT NO. 72286		
		ILLINOIS	FED. AID PROJECT	

MODEL: E026 - Plan 9 [Sheet]
FILE NAME: c:\pw\work\caraballo\fd0988226\ID672286-sht-Stage 2.dgn

MODEL: E026 - Plan 11 [Sheet]
FILE NAME: c:\p\work\p\work\caraballo\00988226\0672286-sh-Stage 2.dgn



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE

①

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

②

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

WORK AREA

DIRECTION OF TRAFFIC

LEGEND

TRAFFIC CONTROL STAGE 2

1.

INSTALL TRAFFIC CONTROL FOR STAGE 2 AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.

2.

HIGHWAY STANDARDS USED:

- 701400

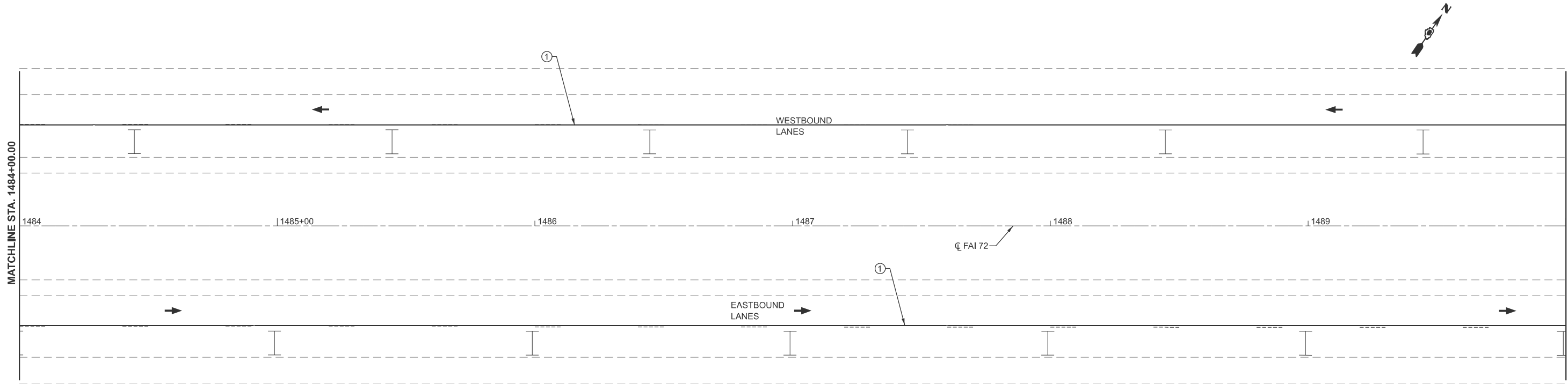
- 701402 (SPECIAL)

3.

TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.

4.

ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



	USER NAME	= frank.caraballo	DESIGNED	-	REVISED	-
	DRAWN	-	REVISED	-		
	CHECKED	-	REVISED	-		
	DATE	-	REVISED	-		
	PLOT DATE	= 6/26/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2
FAI 72 (I-72)

SCALE: 1"=20'

SHEET 40

OF 13

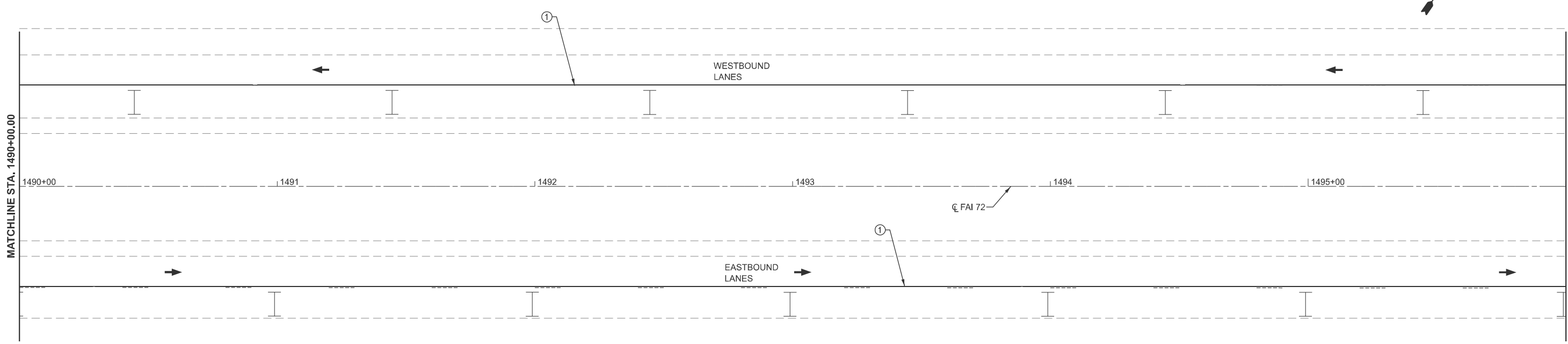
SHEETS

STA. 1478+00.00

TO STA. 1490+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	40
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: E026 - Plan 13 [Sheet]
FILE NAME: c:\p\work\p\work\caraballo\00988226\0672286-sh-Stage 2.dgn



LEGEND

DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE

① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

② TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

WORK AREA

DIRECTION OF TRAFFIC

TRAFFIC CONTROL STAGE 2

1.

INSTALL TRAFFIC CONTROL FOR STAGE 2 AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.

2.

HIGHWAY STANDARDS USED:

- 701400

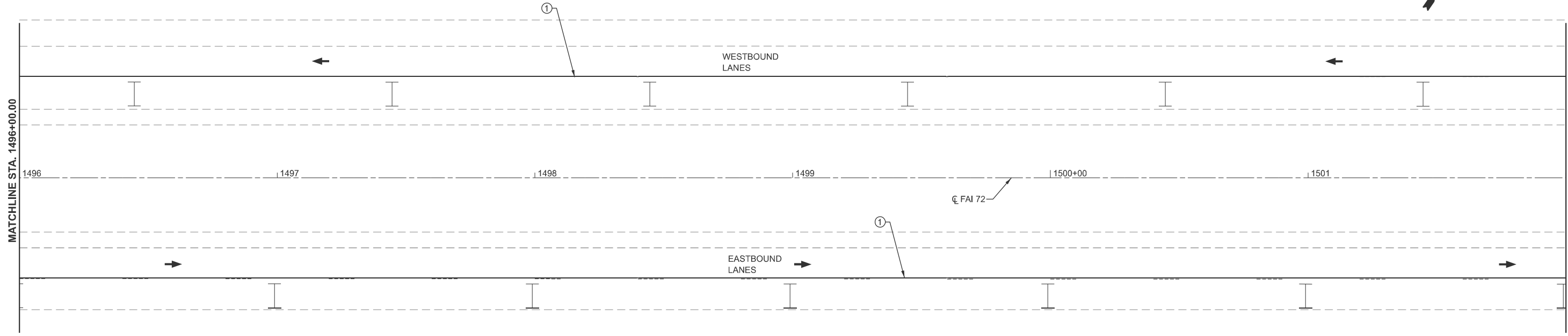
- 701402 (SPECIAL)

3.

TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.

4.

ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



	USER NAME	= frank.caraballo	DESIGNED	-	REVISED	-
	DRAWN	-	REVIS	-	REVISED	-
	CHECKED	-	REVIS	-	REVISED	-
	DATE	-	DATE	-	REVISED	-
PLOT DATE		= 6/26/2025	DATE	-	REVISED	-

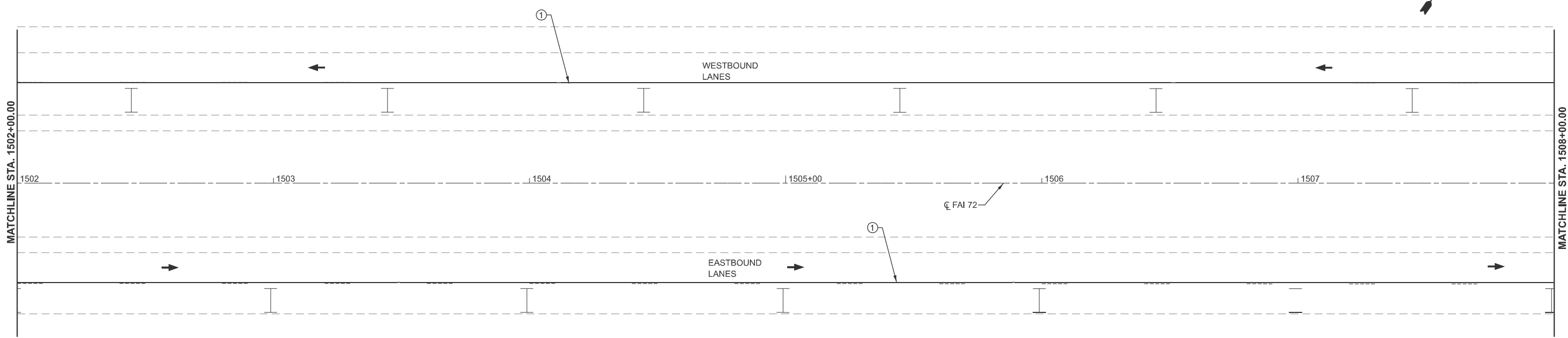
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2
FAI 72 (I-72)

SCALE: 1"=20'
SHEET 41 OF 13 SHEETS
STA. 1490+00.00 TO STA. 1502+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	41
CONTRACT NO. 72286				
ILLINOIS		FED. AID PROJECT		

MODEL: E026 - Plan 15 [Sheet]
FILE NAME: c:\p\work\p\work\caraballo\040988226\0672286-sh-Stage 2.dgn



LEGEND

DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE

① TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

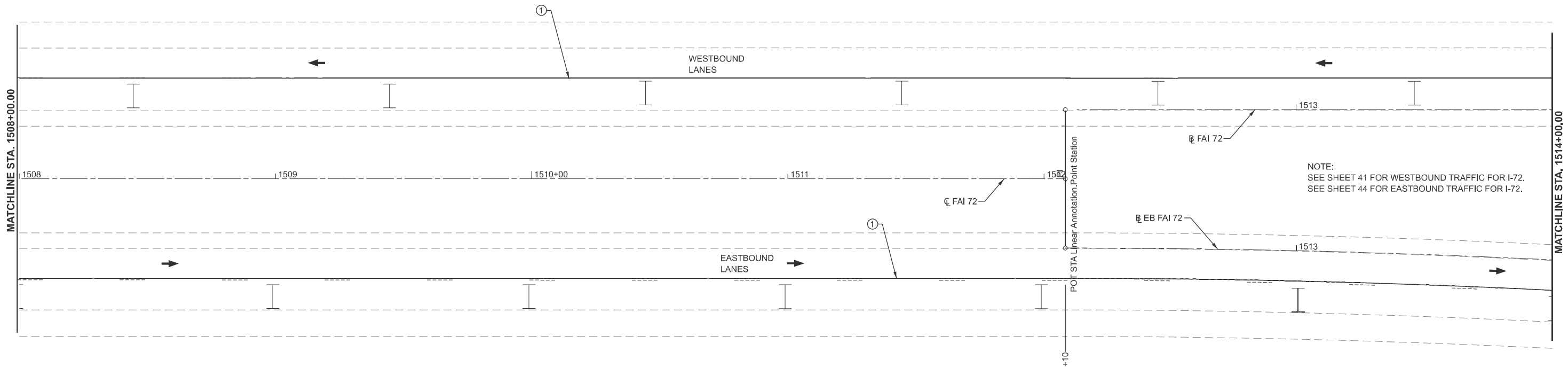
② TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

WORK AREA

DIRECTION OF TRAFFIC

TRAFFIC CONTROL STAGE 2

- INSTALL TRAFFIC CONTROL FOR STAGE 2 AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.
- HIGHWAY STANDARDS USED:
 - 701400
 - 701402 (SPECIAL)
- TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.
- ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



NOTE:
SEE SHEET 41 FOR WESTBOUND TRAFFIC FOR I-72.
SEE SHEET 44 FOR EASTBOUND TRAFFIC FOR I-72.

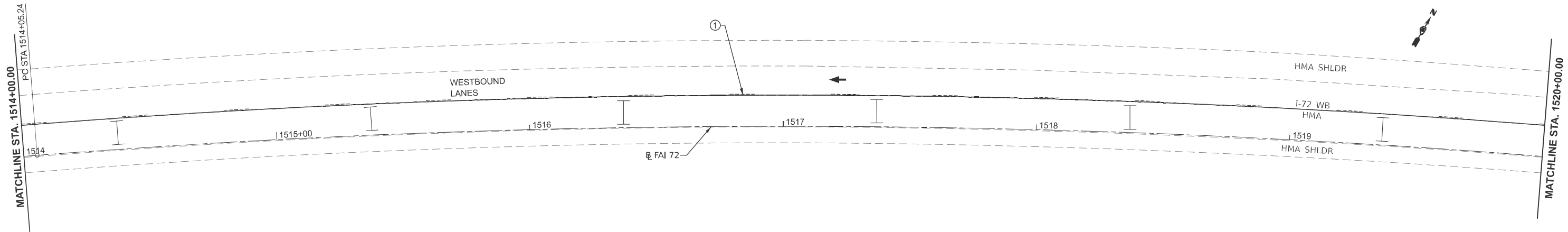
USER NAME	= frank.caraballo	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/26/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=20'		SHEET 42	OF 13 SHEETS	STA. 1502+00.00	TO STA. 1514+00.00
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F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	42
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: E023 - Plan 17 [Sheet]
FILE NAME: c:\p\work\p\work\caraballo\00988226\0672285-sh-Stage 2.dgn



LEGEND

- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE
- ①

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

②

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

WORK AREA

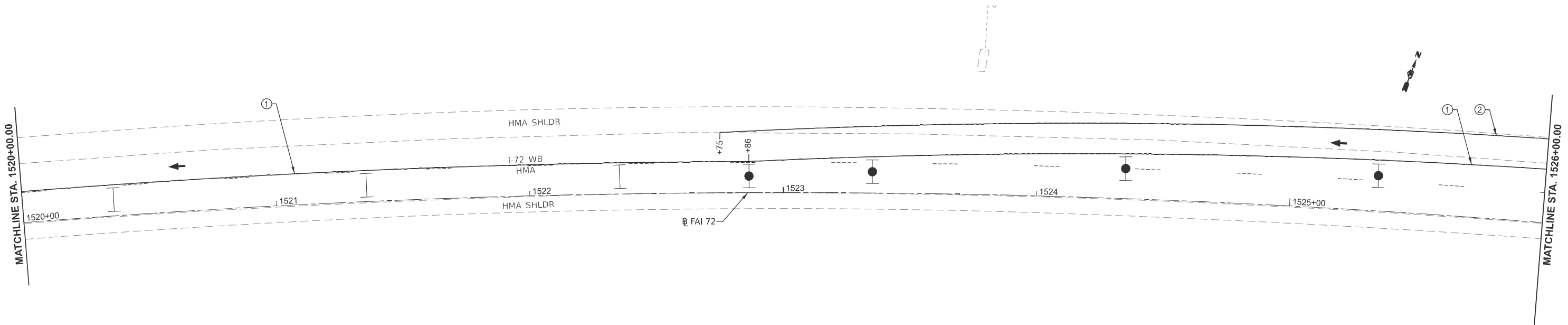
DIRECTION OF TRAFFIC

TRAFFIC CONTROL STAGE 2

1. INSTALL TRAFFIC CONTROL FOR STAGE 2 AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.
2. HIGHWAY STANDARDS USED:

- 701400

- 701402 (SPECIAL)
3. TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.
4. ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



USER NAME	= frank.caraballo	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
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PLOT DATE	= 6/26/2025	DATE	-	REVISED	-

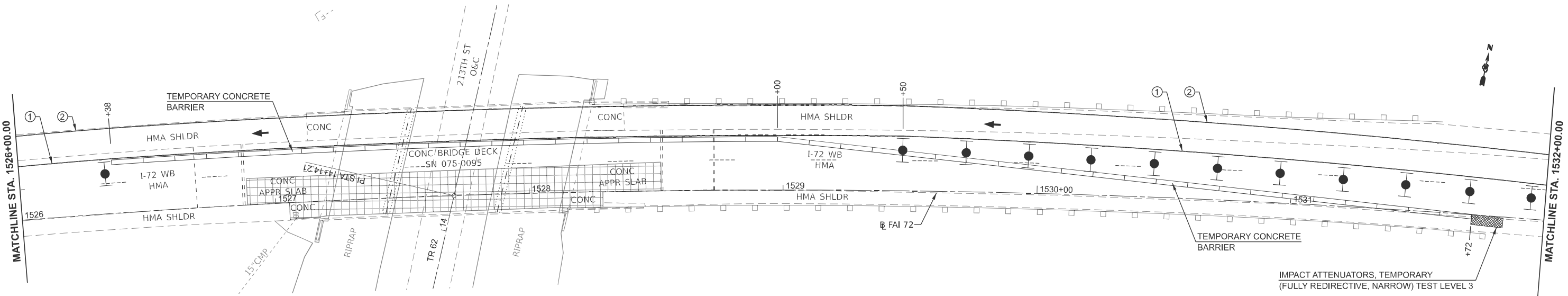
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2
FAI 72 (I-72)

SCALE: 1"=20' SHEET 43 OF 13 SHEETS STA. 1514+00.00 TO STA. 1526+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	43
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: E023 - Plan 19 [Sheet]
FILE NAME: c:\p\work\p\work\caraballo\0988226\0672286-sh-Stage 2.dgn

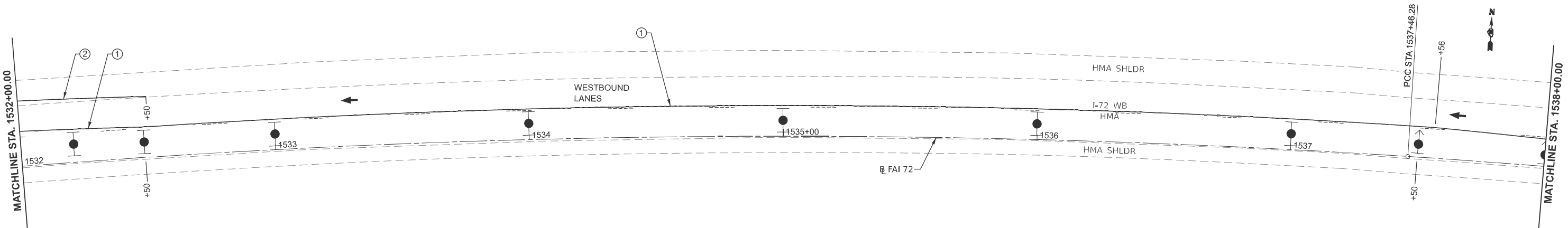


LEGEND

- | | | | |
|--|--|---|---|
| | DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT | ① | TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW) |
| | TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT | ② | TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE) |
| | TYPE II BARRICADE | | WORK AREA |
| | | | DIRECTION OF TRAFFIC |

TRAFFIC CONTROL STAGE 2

- INSTALL TRAFFIC CONTROL FOR STAGE 2 AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.
- HIGHWAY STANDARDS USED:
 - 701400
 - 701402 (SPECIAL)
- TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.
- ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



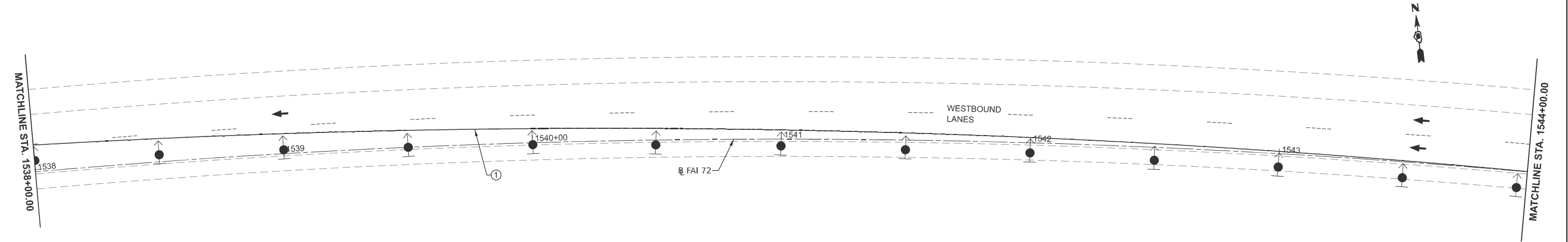
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2
FAI 72 (I-72)

SCALE: 1"=20' SHEET 44 OF 13 SHEETS STA. 1526+00.00 TO STA. 1538+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	44
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: E023 - Plan 21 [Sheet]
FILE NAME: c:\p\work\p\id\caraballo\40988226\0672286-sh2-Stage 2.dgn



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE

①

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

②

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

WORK AREA

DIRECTION OF TRAFFIC

LEGEND

TRAFFIC CONTROL STAGE 2

1.

INSTALL TRAFFIC CONTROL FOR STAGE 2 AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.

2.

HIGHWAY STANDARDS USED:

- 701400

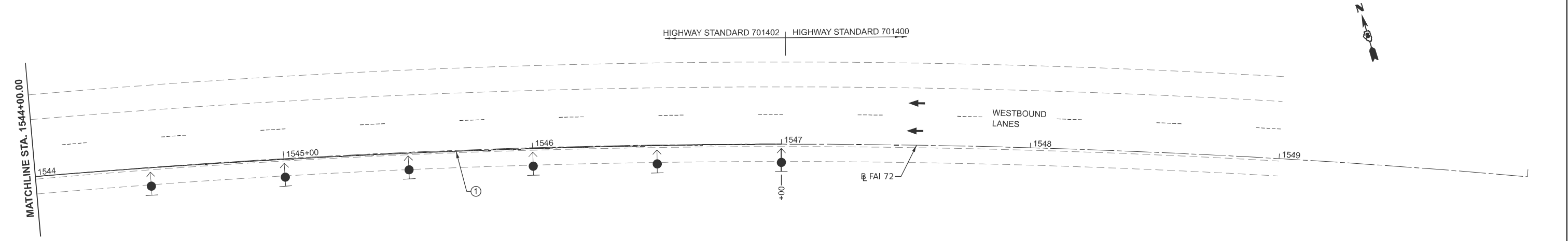
- 701402 (SPECIAL)

3.

TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.

4.

ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



USER NAME	= frank.caraballo	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
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PLOT DATE	= 6/26/2025	DATE	-	REVISED	-

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

STAGE 2

FAI 72 (I-72)

SCALE: 1"=20'

SHEET 45

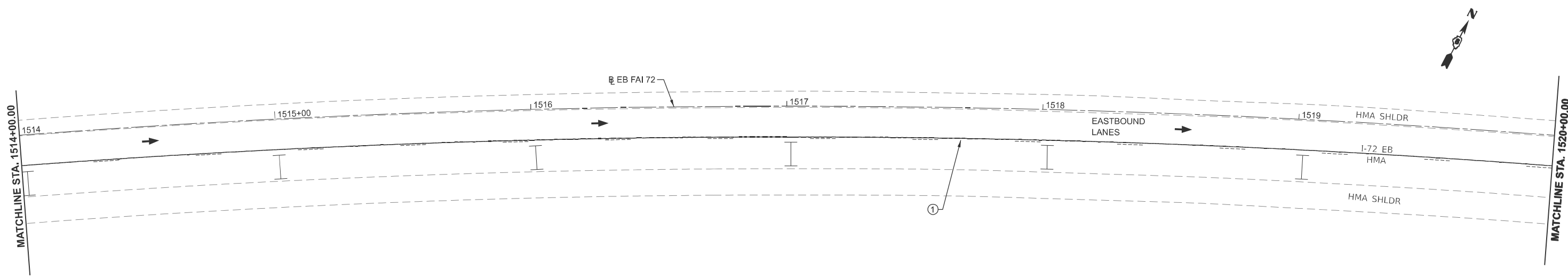
OF 13 SHEETS

STA. 1538+00.00

TO STA. 1550+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	45
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: E025 - Plan 23 (Sheet)
FILE NAME: c:\p\work\p\road\caraballo\0988226\0672286-sh-Stage 2.dgn



DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

TYPE II BARRICADE

①

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)

②

TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)

WORK AREA

DIRECTION OF TRAFFIC

LEGEND

TRAFFIC CONTROL STAGE 2

1.

INSTALL TRAFFIC CONTROL FOR STAGE 2 AND SHIFT TRAFFIC AS SHOWN AND USING THE APPLICABLE PORTIONS OF THE HIGHWAY STANDARDS USED.

2.

HIGHWAY STANDARDS USED:

- 701400

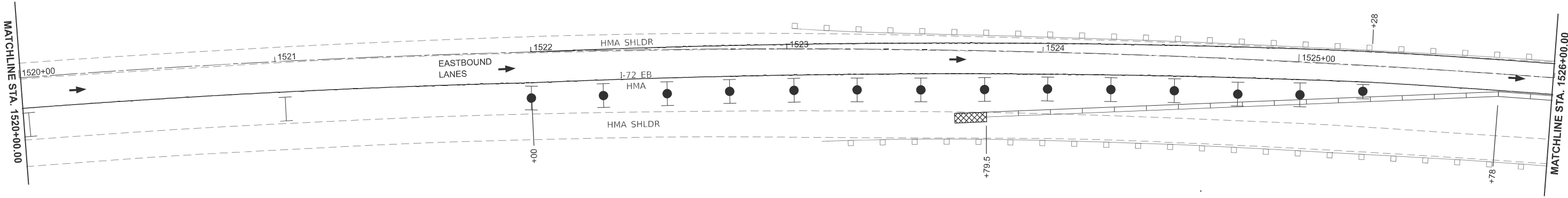
- 701402 (SPECIAL)

3.

TRAFFIC CONTROL DETAILS (SIGNS, PAVEMENT MARKINGS, ETC) NOT SHOWN IN THESE STAGE CONSTRUCTION DETAILS SHALL BE AS PER THE HIGHWAY STANDARDS LISTED IN NOTE #2.

4.

ALL ITEMS SHOWN IN THESE STAGE CONSTRUCTION DETAILS AND ALL ITEMS REQUIRED PER THE APPLICABLE STANDARD SHALL BE INCLUDED IN THE COST FOR TRAFIC CONTROL & PROTECTION, STANDARD 701402 (SPECIAL).



USER NAME	= frank.caraballo	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/26/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE 2
FAI 72 (I-72)

SCALE: 1"=20'

SHEET 46 OF 13 SHEETS

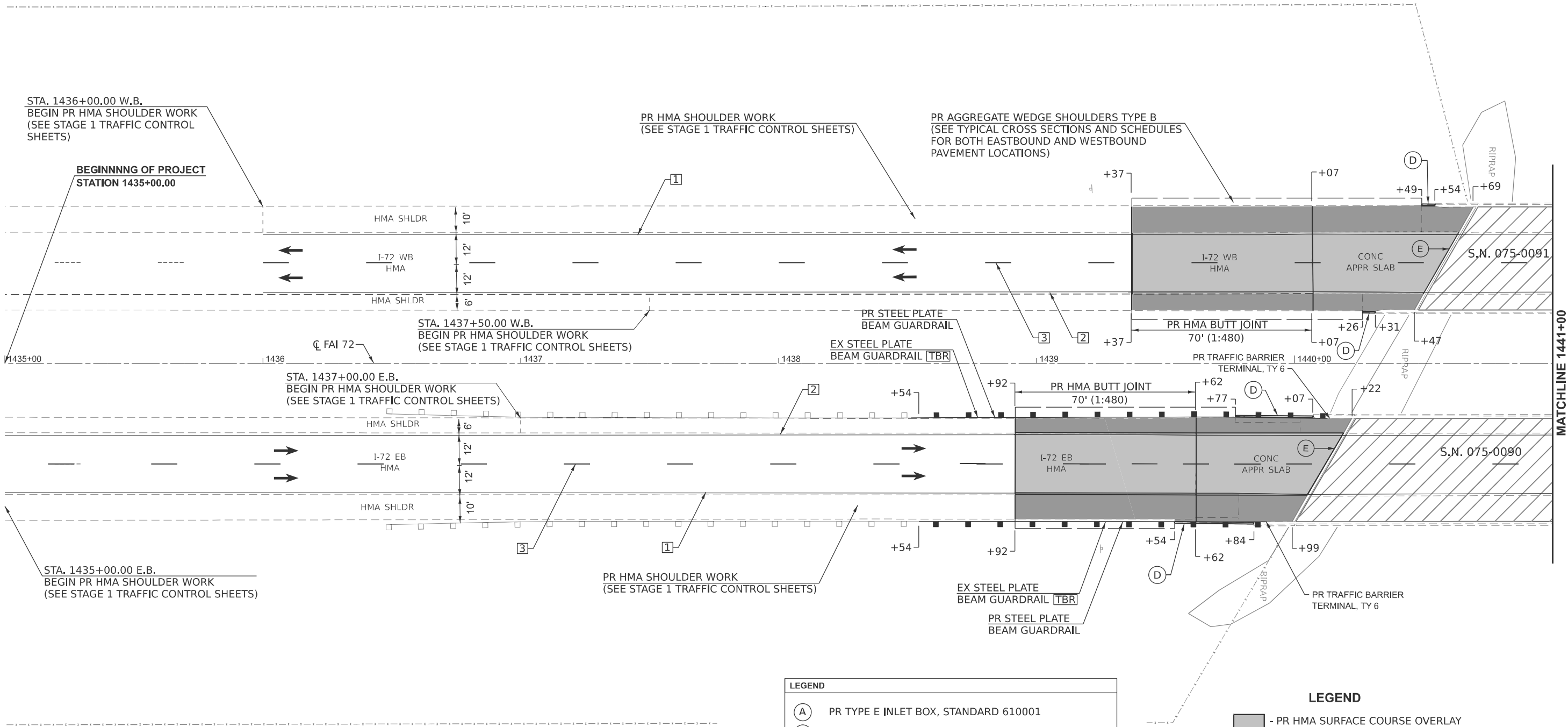
STA. 1514+00.00 TO STA. 1526+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	46
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				



F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	47
		CONTRACT NO. 72286		
		ILLINOIS	FED. AID PROJECT	

MODEL: E025 - Plan 25 [Sheet]
FILE NAME: c:\pw\work\pilotcaraballo\jcd0988226\D672286-sht-Stage 2.dgn



- PAVEMENT MARKING LEGEND**
- 1 PR PAVEMENT MARKING - LINE 6" (WHITE, SOLID)
 - 2 PR PAVEMENT MARKING - LINE 6" (YELLOW, SOLID)
 - 3 PR PAVEMENT MARKING - LINE 6" (WHITE, 10' DASH - 30' SKIP)

- LEGEND**
- (A) PR TYPE E INLET BOX, STANDARD 610001
 - (B) PR TYPE F INLET BOX, STANDARD 610001
 - (C) PR PIPE DRAIN 12"
 - (D) PR CONCRETE CURB, TY 6
 - (E) PR BRIDGE JOINT REPLACEMENT (SEE BRIDGE PLANS)
 - (F) PR PIPE DRAIN 15"
 - (G) PR POLYMER NOSING (SEE BRIDGE PLANS)

- LEGEND**
- PR HMA SURFACE COURSE OVERLAY
 - PR HMA ASPHALT SHOULDERS OVERLAY
 - PR P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL)
 - PR HYDROSCARIFICATION WITH MICROSILICA OVERLAY (SEE BRIDGE PLANS)
 - ➔ - DIRECTION OF TRAFFIC

MODEL: E026 - Plan 1 (Sheet)
FILE NAME: c:\pawork\pawork\caraballo\0988226\0672286-sh-Plan.dgn

USER NAME	= frank.caraballo	DESIGNED	-	REVISED	-	
		DRAWN	-	RTS	REVISED	-
		CHECKED	-	REVISED	-	
PLOT DATE	= 6/19/2025	DATE	-	11/01/24	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

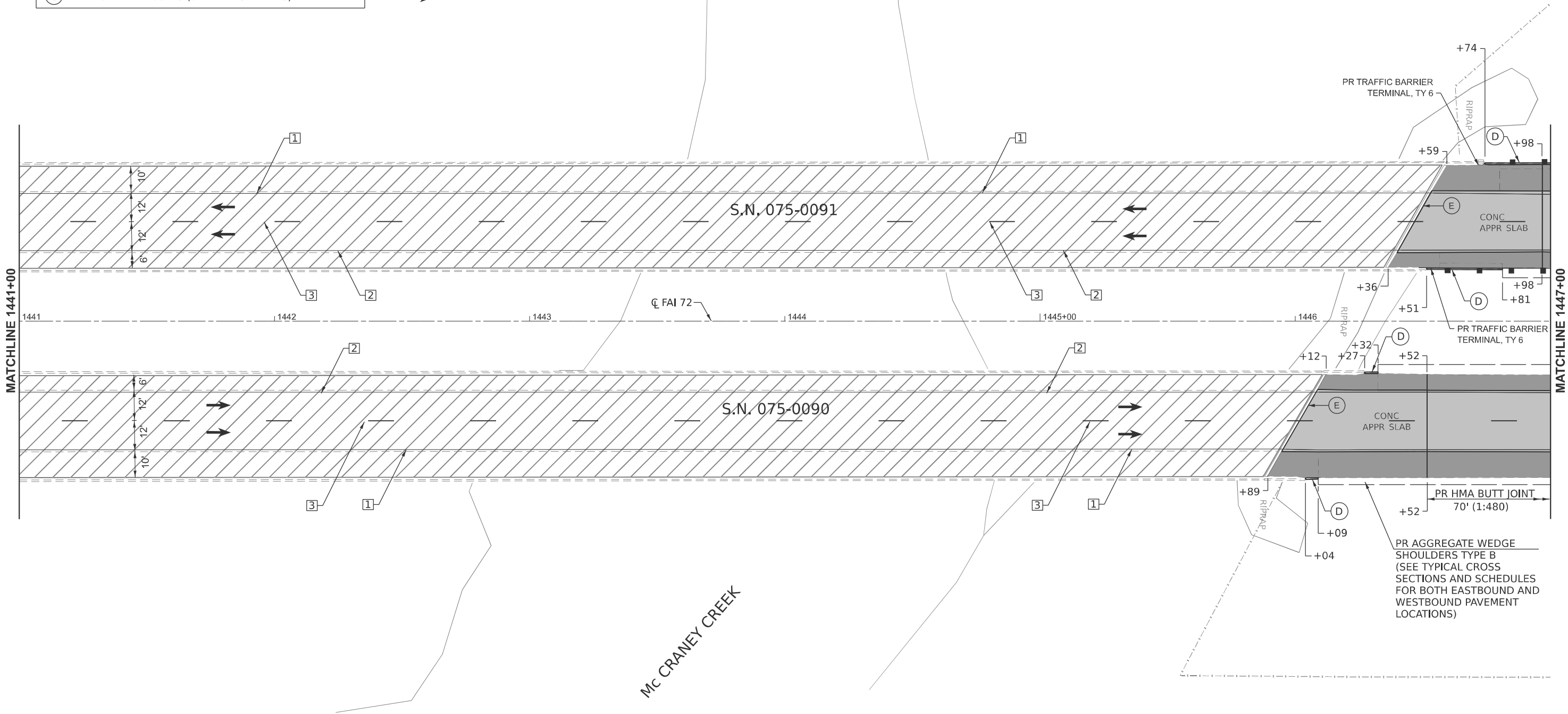
PLAN SHEETS
FAI 72 (I-72)

SCALE: 1"=20' SHEET 48 OF 7 SHEETS STA. 1435+25.00 TO STA. 1441+25.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	48
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

LEGEND	
(A)	PR TYPE E INLET BOX, STANDARD 610001
(B)	PR TYPE F INLET BOX, STANDARD 610001
(C)	PR PIPE DRAIN 12"
(D)	PR CONCRETE CURB, TY B
(E)	PR BRIDGE JOINT REPLACEMENT (SEE BRIDGE PLANS)
(F)	PR PIPE DRAIN 15"
(G)	PR POLYMER NOSING (SEE BRIDGE PLANS)

LEGEND	
	- PR HMA SURFACE COURSE OVERLAY
	- PR HMA ASPHALT SHOULDERS OVERLAY
	- PR P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL)
	- PR HYDROSCARIFICATION WITH MICROSILICA OVERLAY (SEE BRIDGE PLANS)
	- DIRECTION OF TRAFFIC

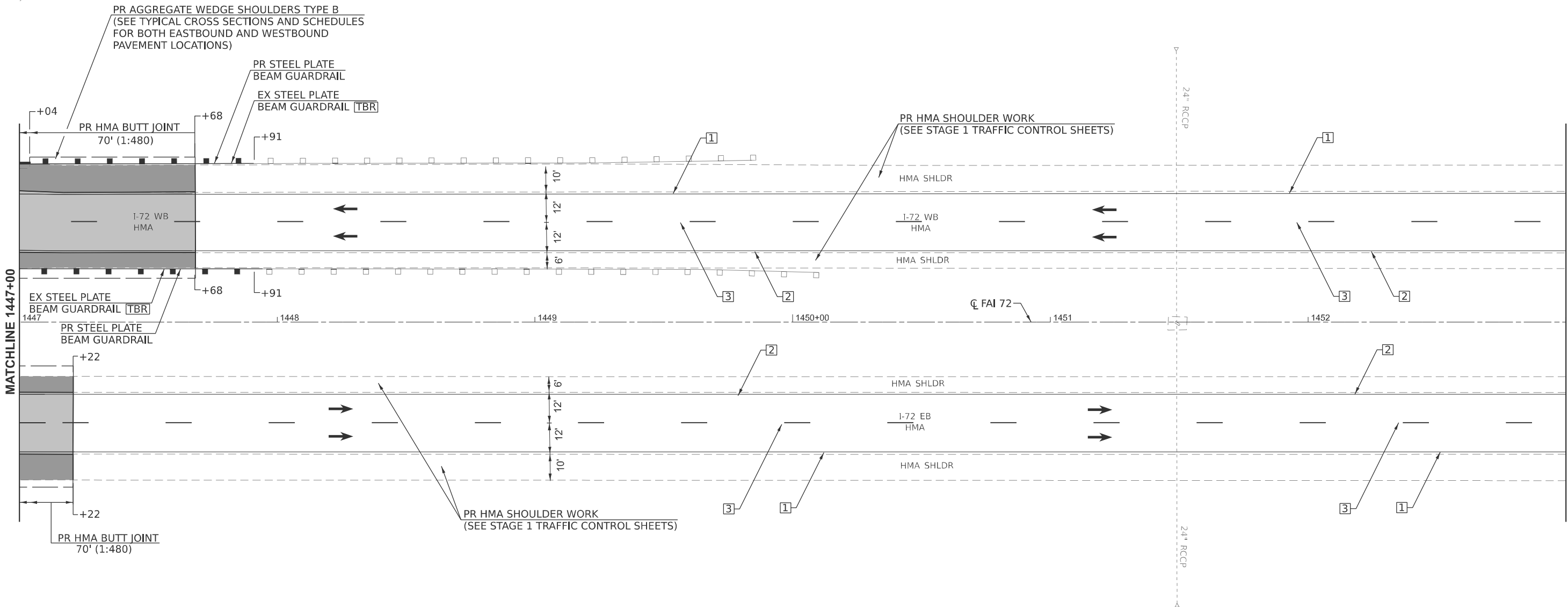


PAVEMENT MARKING LEGEND

- 1 PR PAVEMENT MARKING - LINE 6" (WHITE, SOLID)
- 2 PR PAVEMENT MARKING - LINE 6" (YELLOW, SOLID)
- 3 PR PAVEMENT MARKING - LINE 6" (WHITE, 10' DASH - 30' SKIP)

MODEL: E026 - Plan 2 (Sheet)
FILE NAME: c:\pwworking\caraballo\0988226\0672286-sh-Plan.dgn

	USER NAME = frank.caraballo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS FAI 72 (I-72)			F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RTS	REVISED -					72	(75-2)BDR,BP	PIKE	90	49
		CHECKED -	REVISED -					CONTRACT NO. 72286				
	PLOT DATE = 6/19/2025	DATE = 11/01/24	REVISED -		SCALE: 1"=20'	SHEET 49	OF 7 SHEETS	STA. 1441+25.00	TO STA. 1447+25.00	ILLINOIS FED. AID PROJECT		



LEGEND	
(A)	PR TYPE E INLET BOX, STANDARD 610001
(B)	PR TYPE F INLET BOX, STANDARD 610001
(C)	PR PIPE DRAIN 12"
(D)	PR CONCRETE CURB, TY B
(E)	PR BRIDGE JOINT REPLACEMENT (SEE BRIDGE PLANS)
(F)	PR PIPE DRAIN 15"
(G)	PR POLYMER NOSING (SEE BRIDGE PLANS)

LEGEND	
	- PR HMA SURFACE COURSE OVERLAY
	- PR HMA ASPHALT SHOULDERS OVERLAY
	- PR P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL)
	- PR HYDROSCARIFICATION WITH MICROSILICA OVERLAY (SEE BRIDGE PLANS)
	- DIRECTION OF TRAFFIC

PAVEMENT MARKING LEGEND	
1	PR PAVEMENT MARKING - LINE 6" (WHITE, SOLID)
2	PR PAVEMENT MARKING - LINE 6" (YELLOW, SOLID)
3	PR PAVEMENT MARKING - LINE 6" (WHITE, 10' DASH - 30' SKIP)

MODEL: E026 - Plan 3 (Sheet)
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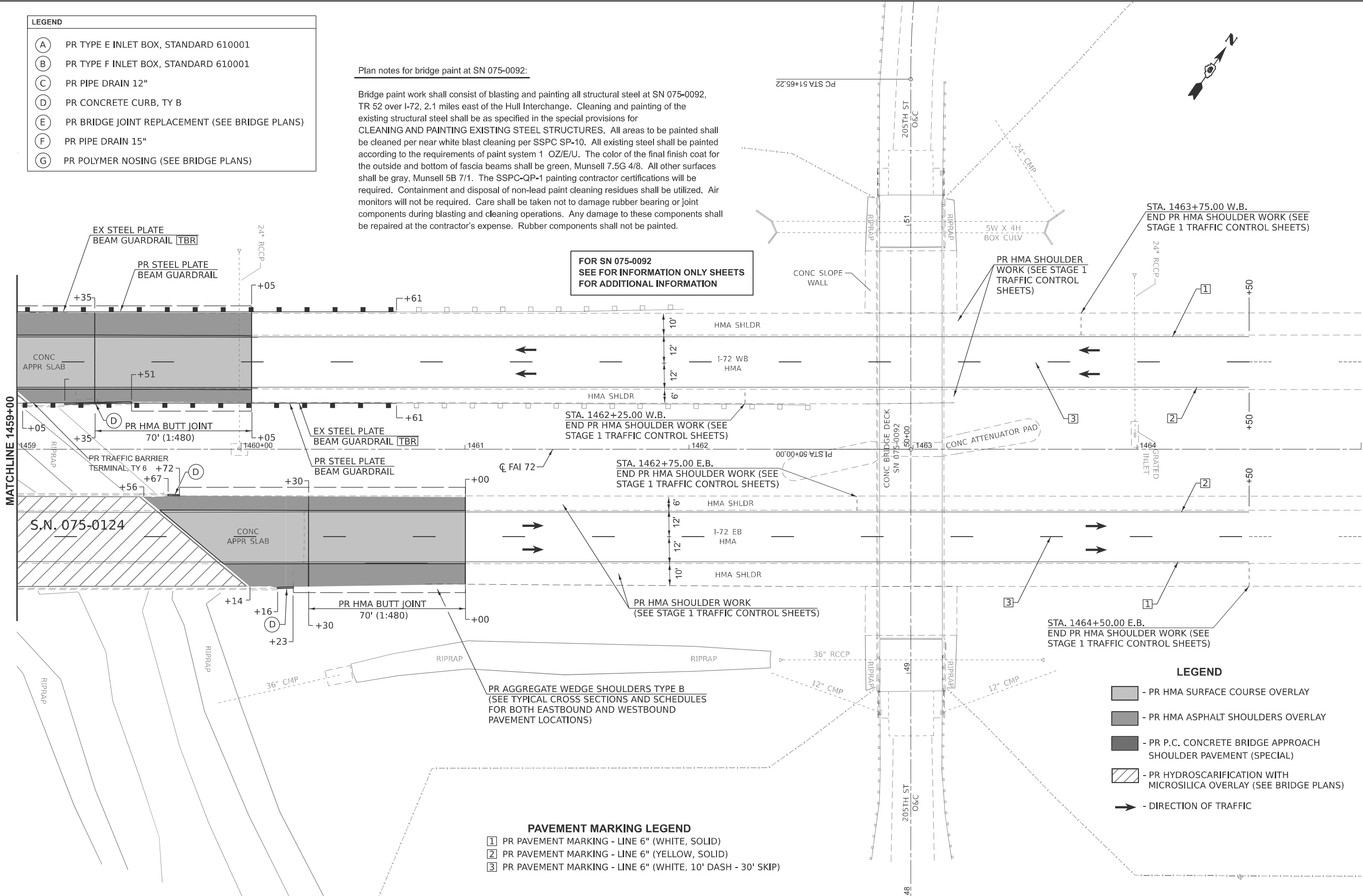
	USER NAME = frank.caraballo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS FAI 72 (I-72)			FAI RTE. 72	SECTION (75-2)BDR,BP	COUNTY PIKE	TOTAL SHEETS 90	SHEET NO. 50
		DRAWN - RTS	REVISED -									
		CHECKED -	REVISED -		SCALE: 1"=20'							
	PLOT DATE = 6/19/2025	DATE = 11/01/24	REVISED -		SHEET 50	OF 7 SHEETS	STA. 1447+25.00 TO STA. 1453+25.00	ILLINOIS FED. AID PROJECT				

LEGEND	
(A)	PR TYPE E INLET BOX, STANDARD 610001
(B)	PR TYPE F INLET BOX, STANDARD 610001
(C)	PR PIPE DRAIN 12"
(D)	PR CONCRETE CURB, TY B
(E)	PR BRIDGE JOINT REPLACEMENT (SEE BRIDGE PLANS)
(F)	PR PIPE DRAIN 15"
(G)	PR POLYMER NOSING (SEE BRIDGE PLANS)

Plan notes for bridge paint at SN 075-0092:

Bridge paint work shall consist of blasting and painting all structural steel at SN 075-0092, TR 52 over I-72, 2.1 miles east of the Hull Interchange. Cleaning and painting of the existing structural steel shall be as specified in the special provisions for CLEANING AND PAINTING EXISTING STEEL STRUCTURES. All areas to be painted shall be cleaned per near white blast cleaning per SSPC SP-10. All existing steel shall be painted according to the requirements of paint system 1 OZ/E/U. The color of the final finish coat for the outside and bottom of fascia beams shall be green, Munsell 7.5G 4/8. All other surfaces shall be gray, Munsell 5B 7/1. The SSPC-QP-1 painting contractor certifications will be required. Containment and disposal of non-lead paint cleaning residues shall be utilized. Air monitors will not be required. Care shall be taken not to damage rubber bearing or joint components during blasting and cleaning operations. Any damage to these components shall be repaired at the contractor's expense. Rubber components shall not be painted.

FOR SN 075-0092
SEE FOR INFORMATION ONLY SHEETS
FOR ADDITIONAL INFORMATION



LEGEND

- PR HMA SURFACE COURSE OVERLAY
- PR HMA ASPHALT SHOULDERS OVERLAY
- PR P.C. CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT (SPECIAL)
- PR HYDROSCARIFICATION WITH MICROSILICA OVERLAY (SEE BRIDGE PLANS)
- DIRECTION OF TRAFFIC

PAVEMENT MARKING LEGEND

- 1 PR PAVEMENT MARKING - LINE 6" (WHITE, SOLID)
- 2 PR PAVEMENT MARKING - LINE 6" (YELLOW, SOLID)
- 3 PR PAVEMENT MARKING - LINE 6" (WHITE, 10' DASH - 30' SKIP)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS
FAI 72 (I-72)

SCALE: 1"=20' SHEET 52 OF 7 SHEETS STA. 1459+25.00 TO STA. 1465+25.00

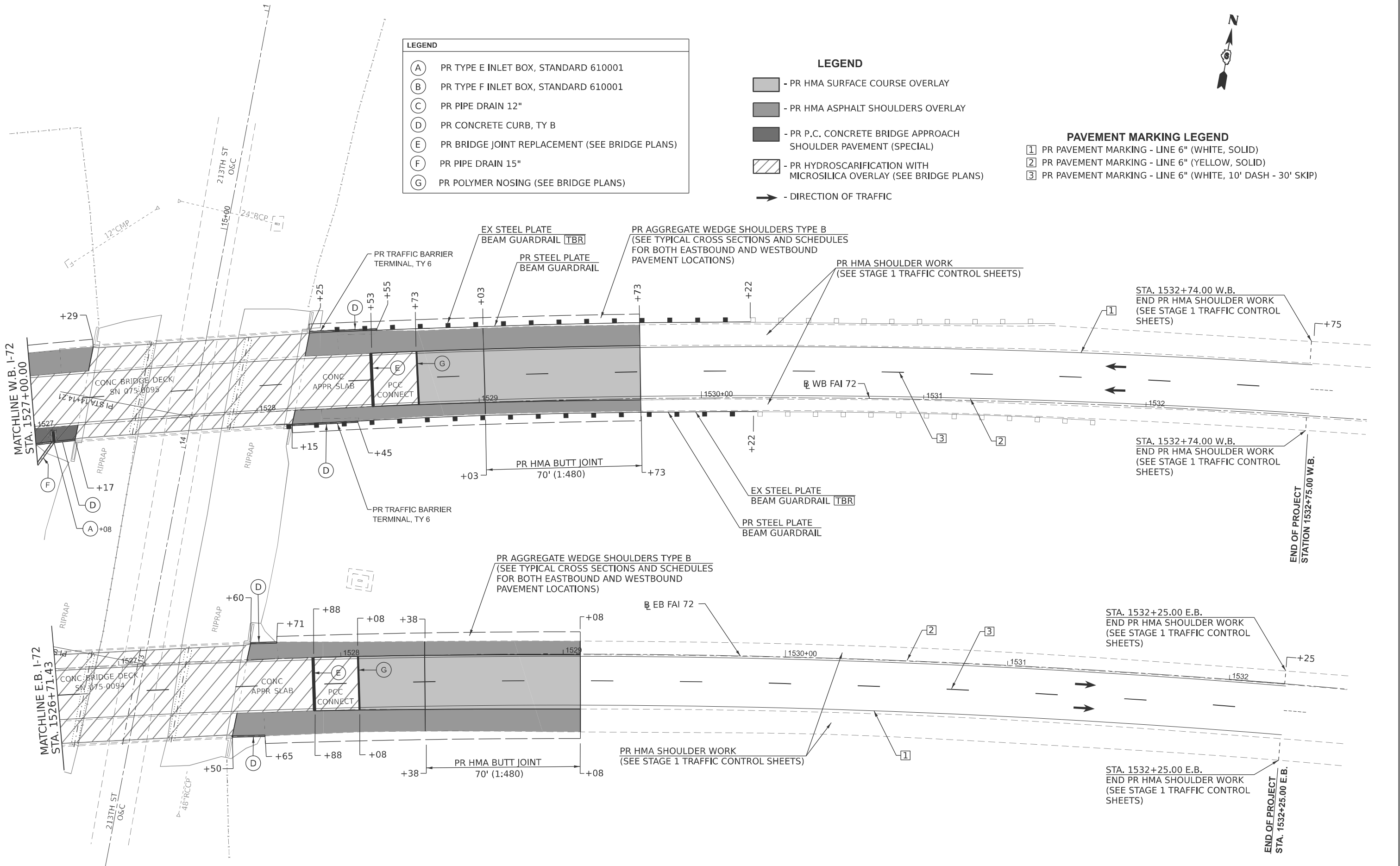
F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	52
CONTRACT NO. 72286				

ILLINOIS FED. AID PROJECT

MODEL: E026 - Plan 5 (Sheet)
FILE NAME: c:\p\work\p\work\caraballo\04988226\0672286-sh-Plan.dgn

USER NAME = frank.caraballo	DESIGNED -	REVISED -
	DRAWN - RTS	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/19/2025	DATE = 11/01/24	REVISED -

MODEL: E023 - Plan 7 (Sheet)
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PLOT DATE = 6/19/2025	USER NAME = frank.caraballo	DESIGNED -	REVISED -
		DRAWN - RTS	REVISED -
		CHECKED -	REVISED -
		DATE - 11/01/24	REVISED -

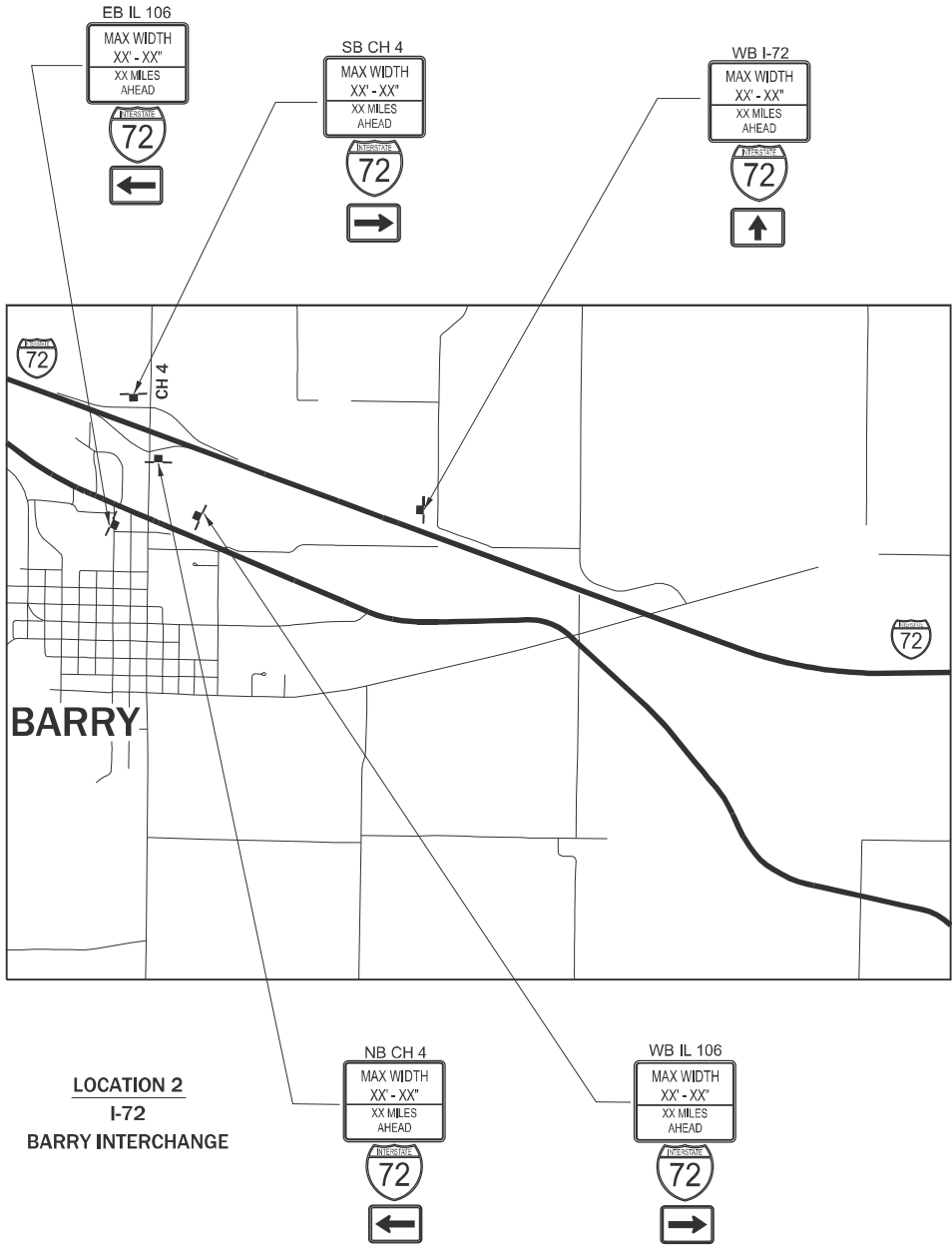
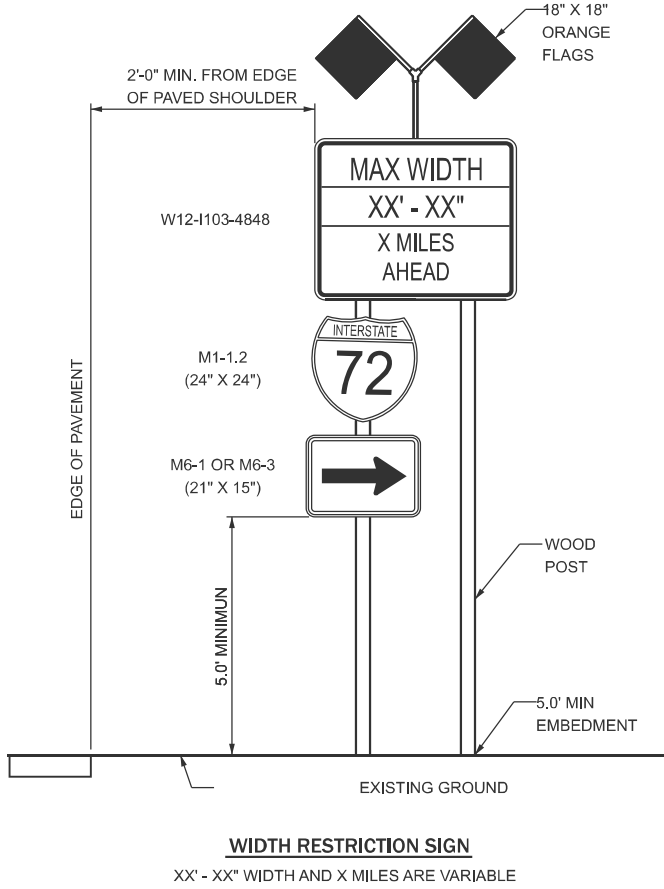
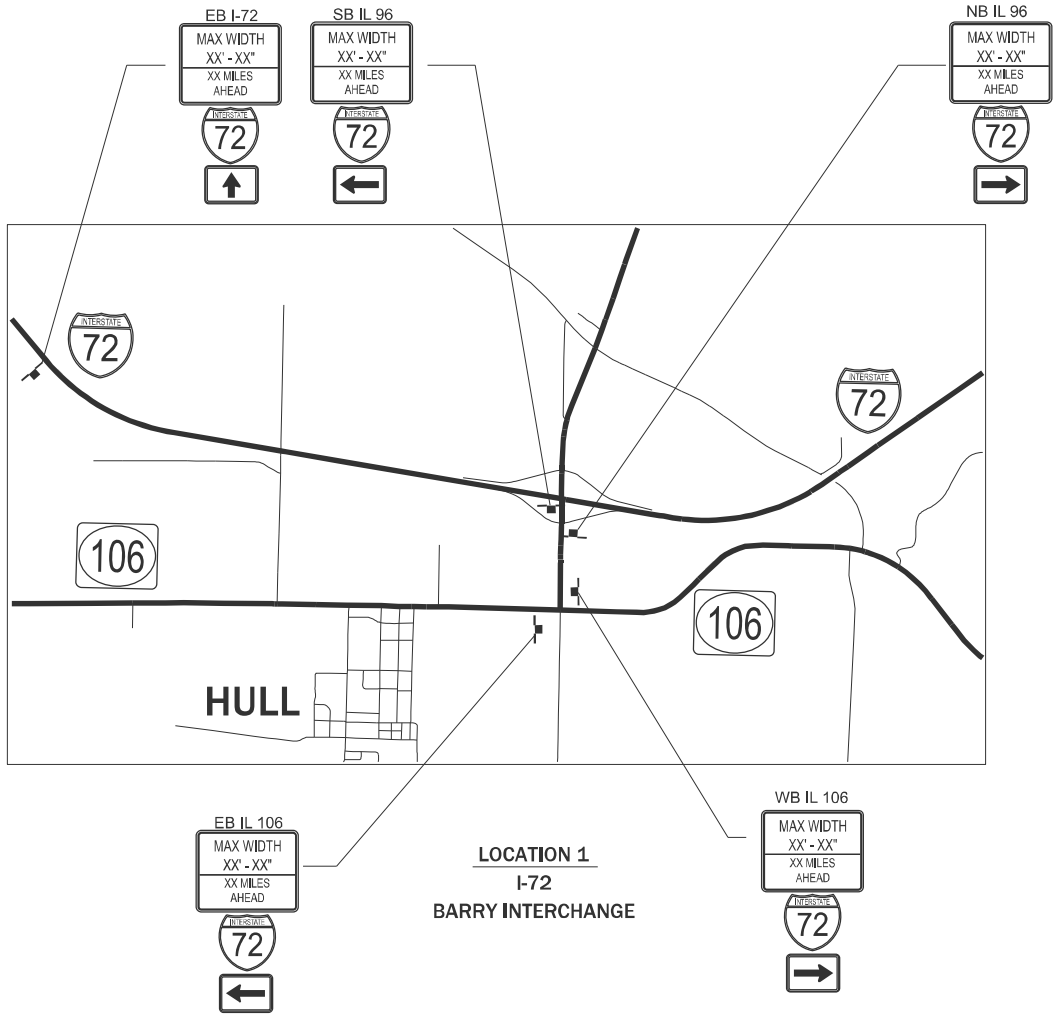
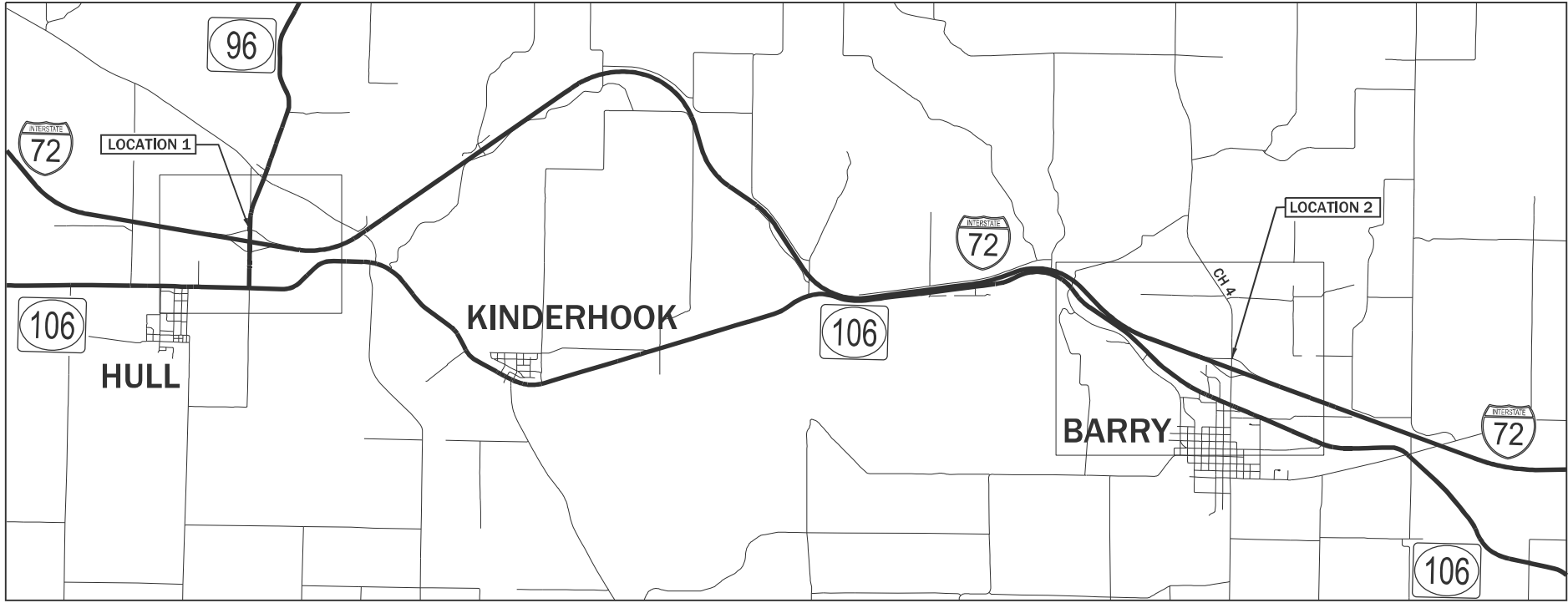
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS
FAI 72 (I-72)

SCALE: 1"=20' SHEET 54 OF 7 SHEETS STA. 1527+25.00 TO STA. 1533+25.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	54
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: Width Restriction (Sheet) - 1
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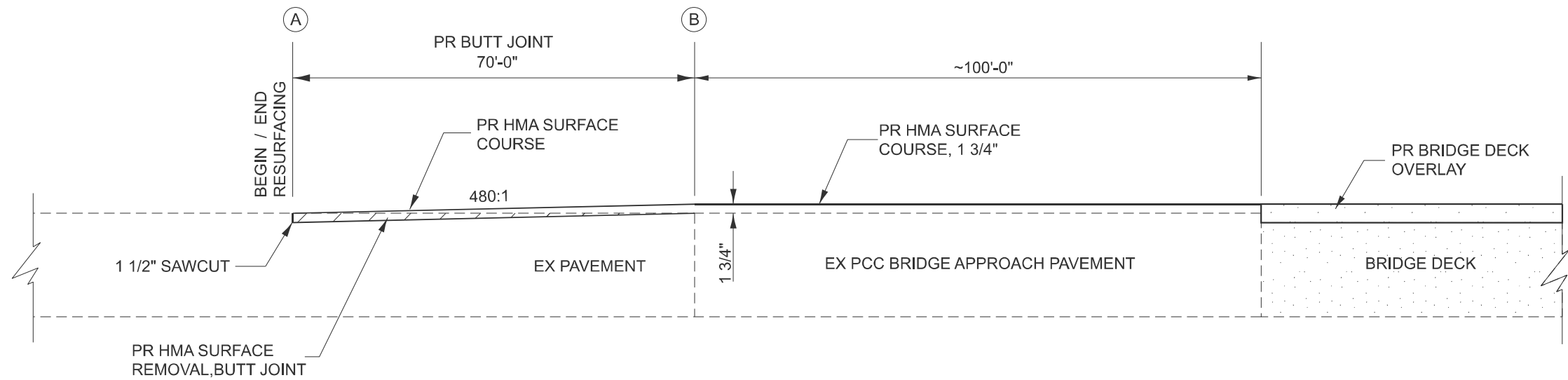
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		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 6/19/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WIDTH RESTRICTION DETAIL
FAI 72 (I-72)

SCALE: SHEET 55 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	55
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				



HMA SURFACE REMOVAL - BUTT JOINT

A	B	NOTES
STA 1439+37	STA 1440+07	WB I-72 RESURFACING
STA 1447+68	STA 1446+98	WB I-72 RESURFACING
STA 1438+92	STA 1439+62	EB I-72 RESURFACING
STA 1447+22	STA 1449+52	EB I-72 RESURFACING

SN 075+0090,0091

HMA SURFACE REMOVAL - BUTT JOINT

A	B	NOTES
STA 1455+12	STA 1456+82	WB I-72 RESURFACING
STA 1460+05	STA 1459+35	WB I-72 RESURFACING
STA 1457+08	STA 1457+78	EB I-72 RESURFACING
STA 1461+00	STA 1460+30	EB I-72 RESURFACING

SN 075+0124,0125

HMA SURFACE REMOVAL - BUTT JOINT

A	B	NOTES
STA 1525+68	STA 1526+38	WB I-72 RESURFACING
STA 1529+03	STA 1529+73	WB I-72 RESURFACING
STA 1525+03	STA 1523+73	EB I-72 RESURFACING
STA 1529+08	STA 1528+38	EB I-72 RESURFACING

SN 075+0094,0095

MODEL: Butt Joint (Sheet) - 2
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USER NAME = frank.caraballo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/19/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

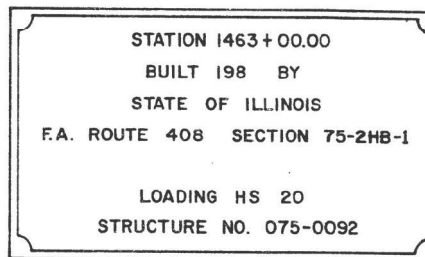
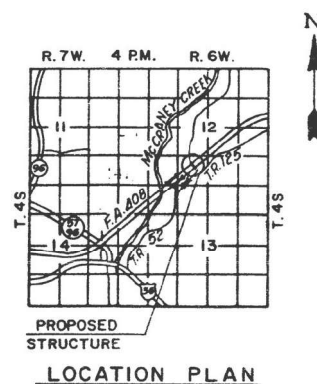
BUTT JOINT DETAIL
FAI 72 (I-72)

SCALE: SHEET 56 OF 3 SHEETS STA. TO STA.

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	56
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				



SHEET SI OF SIG	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	F. A. 408	75-ZHB-1	PIKE	110	56
	FED. ROAD DIV. NO. 4		ILLINOIS	PROJECT	



CHRISTIAN-ROGE AND ASSOC
ENGINEERS
CHICAGO, ILLINOIS

APPROVED
FOR STRUCTURAL ADEQUACY ONLY

Bhadesh N. Shah
BHADRESH N. SHAH
REGISTERED STRUCTURAL ENGINEER
STATE OF ILLINOIS LIC.No. 081-00447
MARCH 27, 1987

USER NAME = frank.caraballo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/19/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY
SN 075-0092

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	52
		CONTRACT NO. 72286		
		ILLINOIS FED. AID PROJECT		

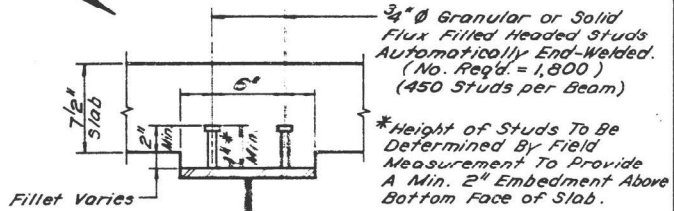
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ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 408	75-2HB-1	PIKE	110	63
FED. ROAD DIV. NO. 4		ILLINOIS	PROJECT	

(COMPOSITE IN POSITIVE MOMENT AREA ONLY)

INTERIOR BEAM MOMENT TABLE

	0.4 SP. 1	PIER	0.6 SP. 2
$I_s(I_n^4)$	11,300	16,100	11,300
$I_c(I_n^4) (3n=27)$	20,368	—	20,368
$I_c(I_n^4) (n=9)$	28,066	—	28,066
$S_s(I_n^3)$	623	895	623
$S_c(I_n^3) (3n=27)$	800	—	800
$S_c(I_n^3) (n=9)$	890	—	890
M/K	1.01	1.43	1.01
M_L/K	470	-1,347	596
S_L/K	0.42	—	0.42
M_S/K	195.3	—	247.7
M_L/K	757.9	-684.4	813.6
M_{IMP}/K	181.9	-161.5	189.6
$S_3(M_L + I) (K)$	1,567	1,410	1,672
M_0/K	2,902	3,584	3,271
M_U/K	4,988	—	4,988
f_s NON-COMP. (K.S.I.)	9.05	18.06	11.48
f_s COMP. (K.S.I.)	2.93	—	3.72
$f_s S_3(M_L + I) (K.S.I.)$	21.12	18.9	22.54
f_s (OVERLOAD) (K.S.I.)	33.10	36.97	37.74
f_s (TOTAL) (K.S.I.)	43.03	48.06	49.06
VR (K)	644	—	645



SHEAR CONNECTOR DETAIL

INTERIOR BEAM REACTION TABLE

	S. ABUT.	PIER	N. ABUT.
R (K)	43.7	155.0	49.0
R_L (K)	47.1	72.3	47.4
IMP. (K)	11.3	17.1	11.1
R TOTAL (K)	102.1	244.4	107.5

TOP OF BEAM ELEVATIONS **

BEAM	CL BRG. S. ABUT.	CL SPLICE NO. 1	CL PIER	CL SPLICE NO. 2	CL BRG. N. ABUT.
1	538.100	539.411	539.726	540.041	540.744
2	538.244	539.555	539.870	540.184	540.724
3	538.244	539.555	539.870	540.184	540.530
4	538.100	539.411	539.726	540.041	540.244

** FOR FABRICATION ONLY

I_s AND S_s ARE THE MOMENT OF INERTIA AND SECTION MODULUS OF THE STEEL SECTION USED IN COMPUTING f_s (TOTAL & OVERLOAD).

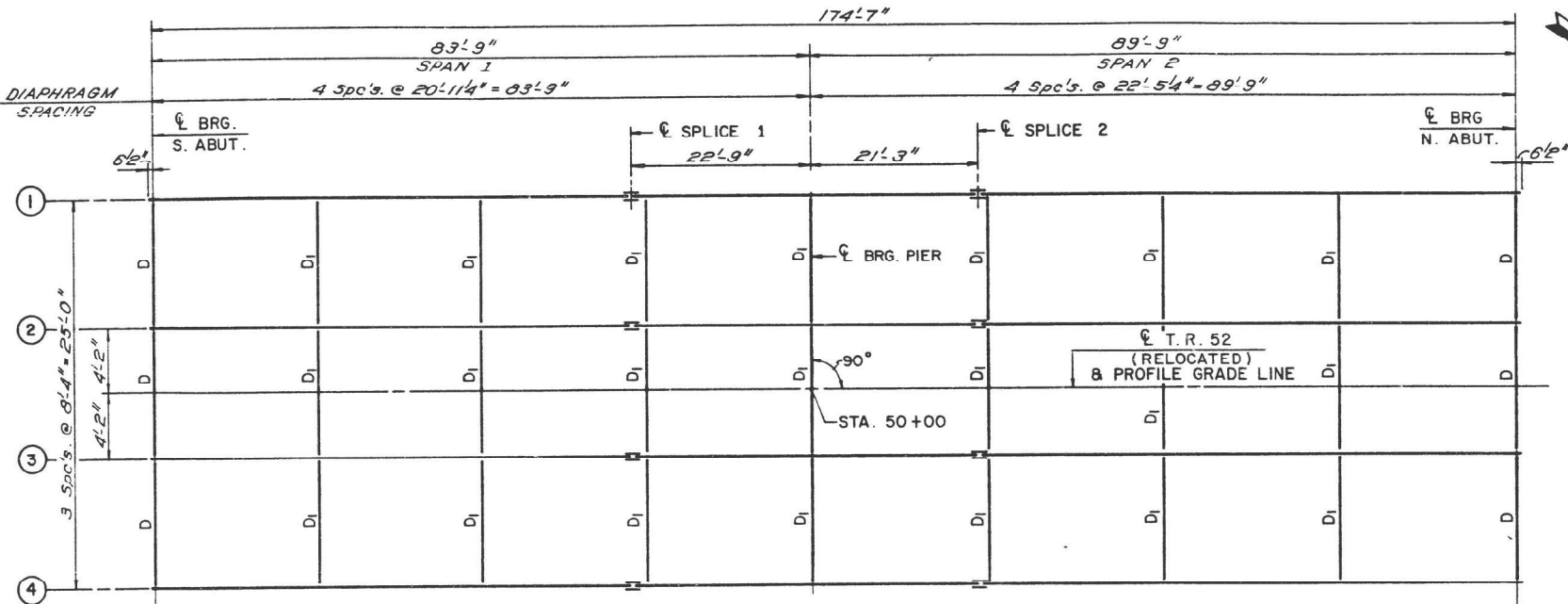
I_c AND S_c ARE THE MOMENT OF INERTIA AND SECTION MODULUS OF THE COMPOSITE SECTION USED IN COMPUTING f_s (TOTAL & OVERLOAD).

VR IS THE MAXIMUM L + IMPACT SHEAR RANGE IN SPAN.

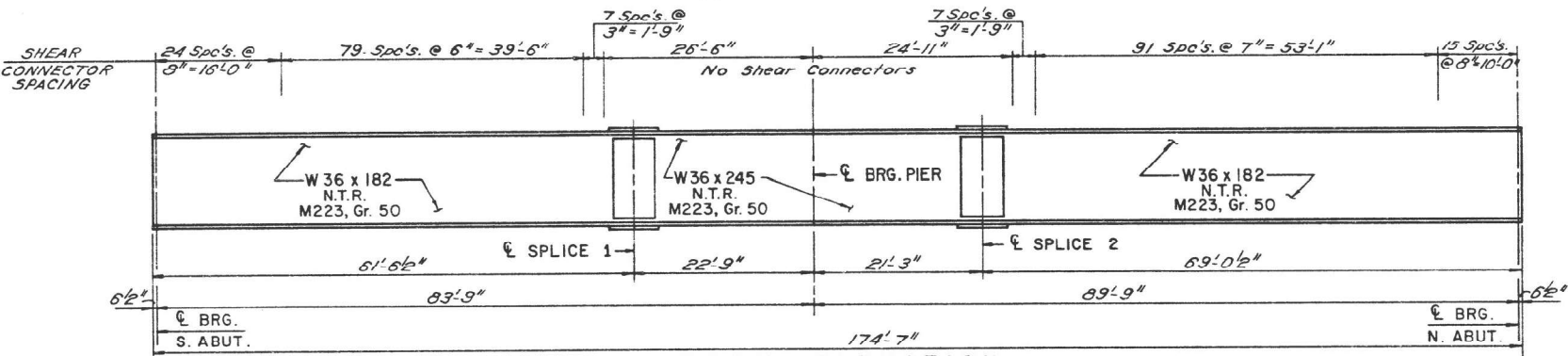
M_0 (APPLIED MOMENT) = $1.3 [M_L + M_S + S_3(M_L + I)]$
 M_U IS THE FULL PLASTIC MOMENT CAPACITY FOR COMPACT, BRACED SECTION. COMPUTE ACCORDING TO A.A.S.H.T.O. 10.48.1 AND 10.50.1.1.

f_s (OVERLOAD) IS THE SUM OF THE STRESSES DUE TO $M_L + M_S + S_3(M_L + I)$.

f_s (TOTAL) IS THE SUM OF THE STRESSES DUE TO $1.3 [M_L + M_S + S_3(M_L + I)]$.

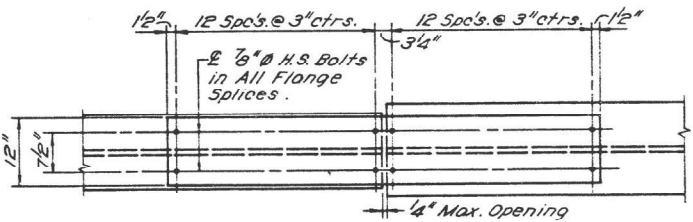


FRAMING PLAN

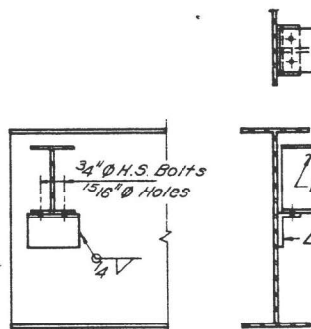


BEAM ELEVATION

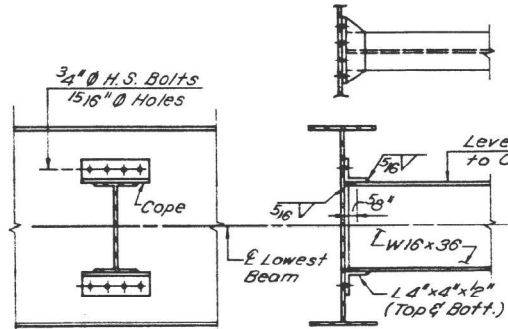
N.T.R. - INDICATES NOTCH TOUGHNESS REQUIREMENTS. SEE GENERAL NOTES, SHT. 52.



FIELD SPLICE DETAIL



END DIAPHRAGM D
(6 REQ'D.)



INTERIOR DIAPHRAGM D1
(21 REQ'D.)

NOTE:
Two Hardened Washers Shall Be Req'd.
Over All Holes In Diaphragm Connections

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FRAMING PLAN & STEEL DETAILS
T.R. 52 RELOCATED
OVER
F.A.P. ROUTE 408
STA. 50+00.00

FA RT 408 PIKE COUNTY SECTION 75-2HB-1
CHRISTIAN-ROGE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS

USER NAME = frank.caraballo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/19/2025	DATE -	REVISED -

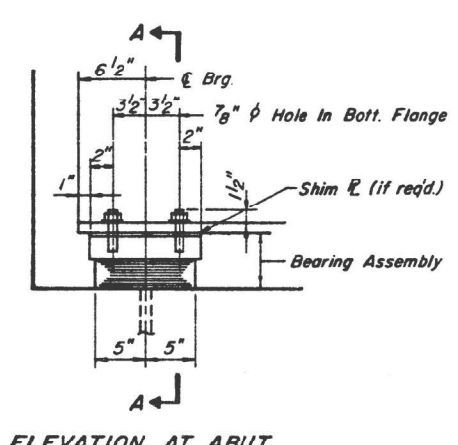
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY
SN 075-0092

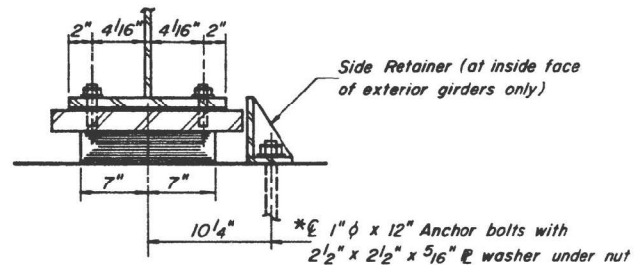
SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

FAJ RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR.BP	PIKE	90	53
CONTRACT NO. 72286				

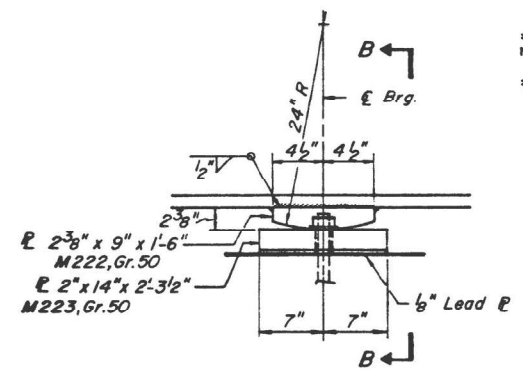
ILLINOIS FED. AID PROJECT



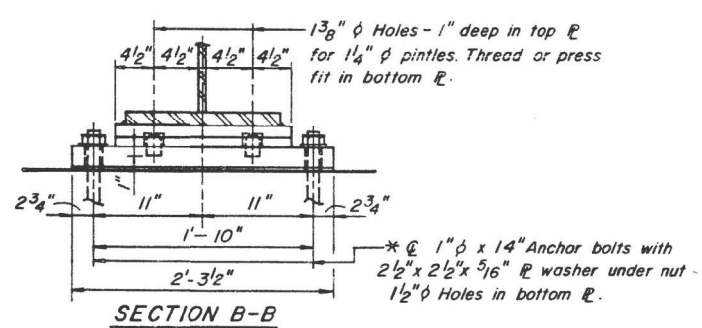
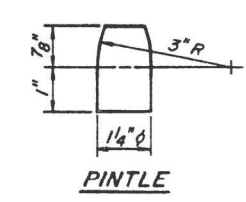
ELEVATION AT ABUT.



SECTION A-A

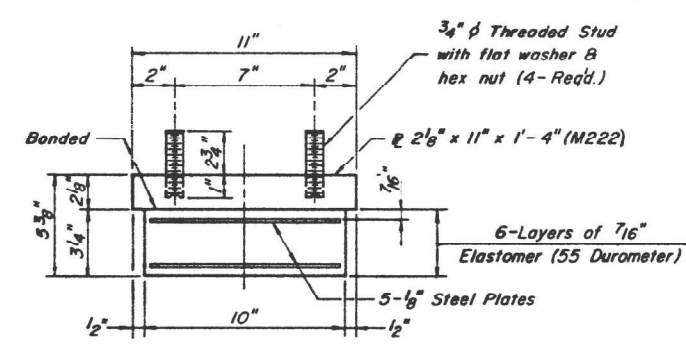


ELEVATION AT PIER

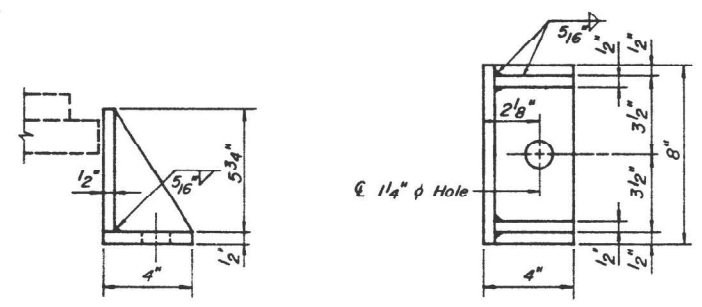


SECTION B-B

FIXED BEARING
(4 Required)



BEARING ASSEMBLY
Note: Shim E's shall not be placed under Bearing Assembly.



SIDE RETAINER
Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

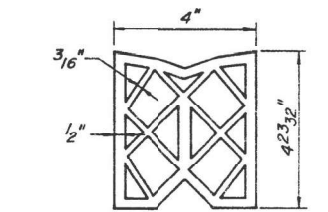
* Notes: Anchor bolts at fixed bearings may be built into the masonry.
See Sheet S10 for Anchor Bolt installation.

BILL OF MATERIAL

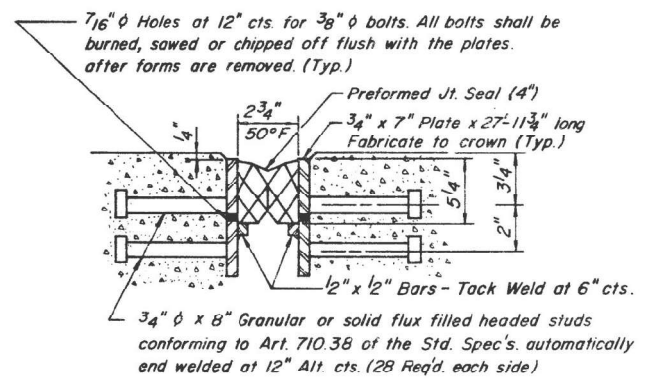
Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	8

BILL OF MATERIAL

Item	Unit	Total
Prefomed Joint Seal (4")	Lin. Ft.	62



PREFOMED JOINT SEAL (4")



TYPICAL END OF SEAL TREATMENTS
Note: After fabrication all surfaces of the steel plates shall be given one shop coat of paint specified for Structural Steel.

PREFOMED JOINT SEAL 4"

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
BEARING DETAILS
AND EXPANSION DEVICES
T.R. 52 RELOCATED
OVER
F.A.P. ROUTE 408
STA. 50+00.00
FA RT 408 PIKE COUNTY SECTION 75-2HB-1
CHRISTIAN-ROGE AND ASSOC.
ENGINEERS
CHICAGO, ILLINOIS

MODEL: 0092-3 (Sheet) - 6
FILE NAME: c:\p\work\p\caraballo\0098226\0672285-sh-Details.dgn

DESIGNED BY: B. SHAH
DRAWN BY: F. MUNIR & P.S.M.
CHECKED BY: B. SHAH

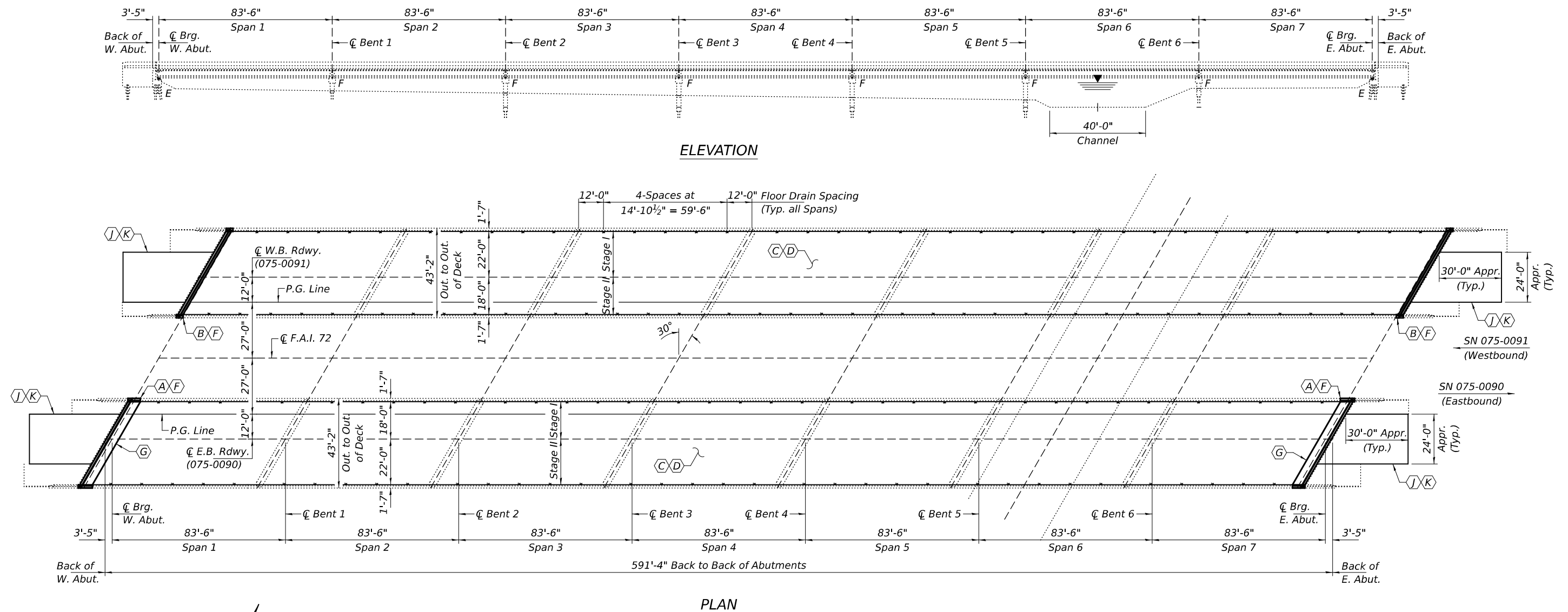
USER NAME = frank.caraballo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 6/19/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY
SN 075-0092

SCALE: SHEET 60 OF 3 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR.BP	PIKE	90	60
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				



SCOPE OF WORK

- (A) - Remove & Replace Exp. Joint (Full Depth)**
- (B) - Remove & Replace Exp. Joint (Partial Depth)**
- (C) - Bridge Deck Patching (See sheets 10 & 11 of 12.)**
- (D) - $\frac{3}{4}$ " Bridge Deck Scarification, $2\frac{3}{4}$ " Microsilica Concrete Overlay, & $\frac{1}{4}$ " Diamond Grinding.**
- (E) - F.R.P. Beam End Repairs (See sheets 8 & 9 of 12.)**
- (F) - Blast and Paint Existing Exp. Brgs. at Abutments.**
- (G) - Concrete Repairs on Abutment.**
- (H) - Bridge Approach Patching (See sheets 10 & 11 of 12.)**
- (J) - Install HMA overlay on Bridge Approach.
(See Roadway Plans sheets 48-50 of 90.)**
- (K) - Fill voids under Approach shoulders.**

GENERAL NOTES

Plan dimensions and details relative to the existing structure have been taken from existing plans and are subject to nominal construction variations. The Contractor 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.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system at the contractor's expense.

The Contractor shall use extreme care during concrete removal so as not to damage the PPC I-Beam.

Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50° F.

TOTAL BILL OF MATERIAL

	ITEM	UNIT	QUANTITY
	Concrete Removal	Cu. Yd.	33.5
	Concrete Superstructure	Cu. Yd.	33.5
	Reinforcement Bars, Epoxy Coated	Pound	6110
	Bar Splicers	Each	46
	Bridge Deck Microsilica Concrete Overlay, 2 ³ / ₄ "	Sq. Yd.	5257
	Bridge Deck Scarification, 3/4"	Sq. Yd.	5257
	Bridge Deck Grooving (Longitudinal)	Sq. Yd.	3154
	Diamond Grinding (Bridge Section)	Sq. Yd.	4732
	Preformed Joint Strip Seal	Foot	193
	Approach Slab Repair (Partial Depth)	Sq. Yd.	47.3
	Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. Ft.	95
	P.P.C. I-Beam Repair	Sq. Ft.	15.9
	Fiber Wrap	Sq. Ft.	130
	Acrylic Coating	Sq. Yd.	14.6
*	Protective Coat	Sq. Yd.	5263
**	Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	2

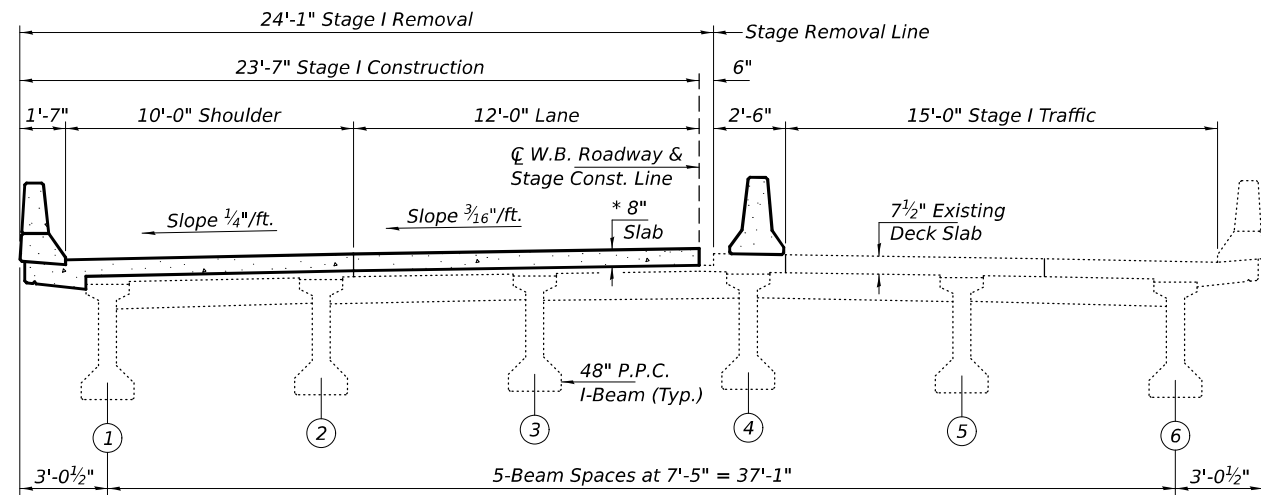
* Applied on new concrete only.

**** Quantity is estimated. Location and size of patches to be determined in the field by the Engineer.**

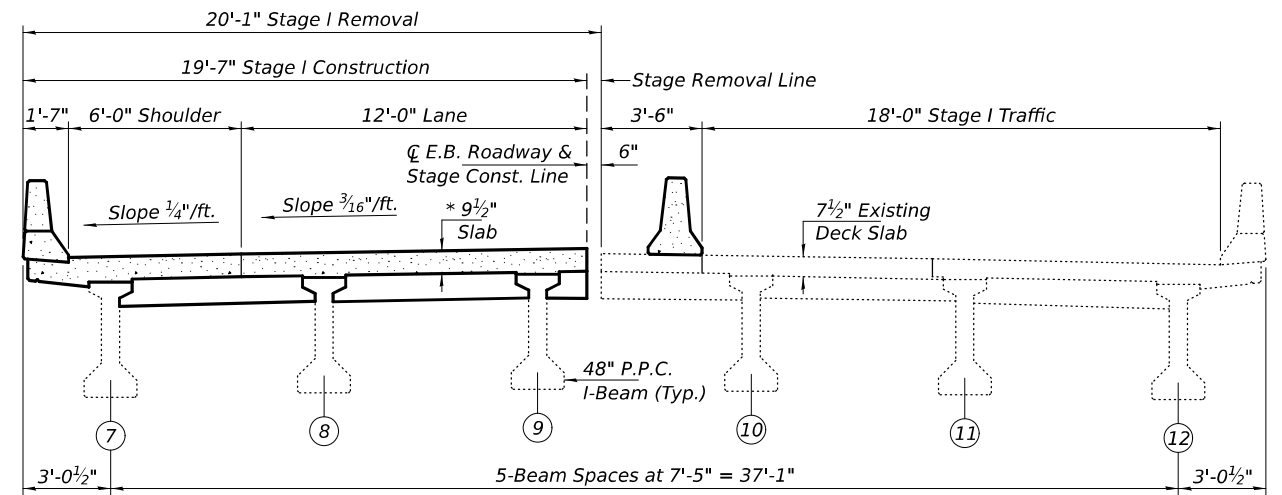


EXPIRES 11-30-2026

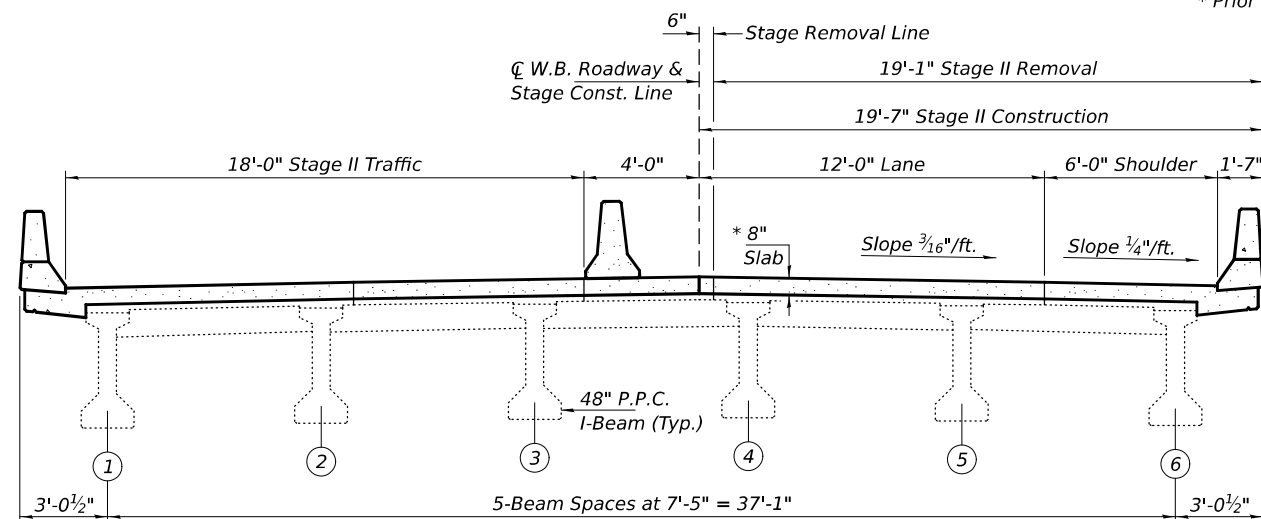
DESIGNED - Tapasvi Patel	 ENGINEER OF STRUCTURAL SERVICES  ENGINEER OF BRIDGES AND STRUCTURES	DATE - AUGUST 14, 2025	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION F.A.I. ROUTE 72 OVER McCRAANEY CREEK SN 075-0090 (E.B.) & -0091 (W.B.)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - Chi-Cheung Chau		REVISD -			72	(75-2)BDR.BP	PIKE	90	61
DRAWN - STEFFEN		REVISD -			CONTRACT NO. 72286				
CHECKED - TP CCC					SHEET 1 OF 12 SHEETS				



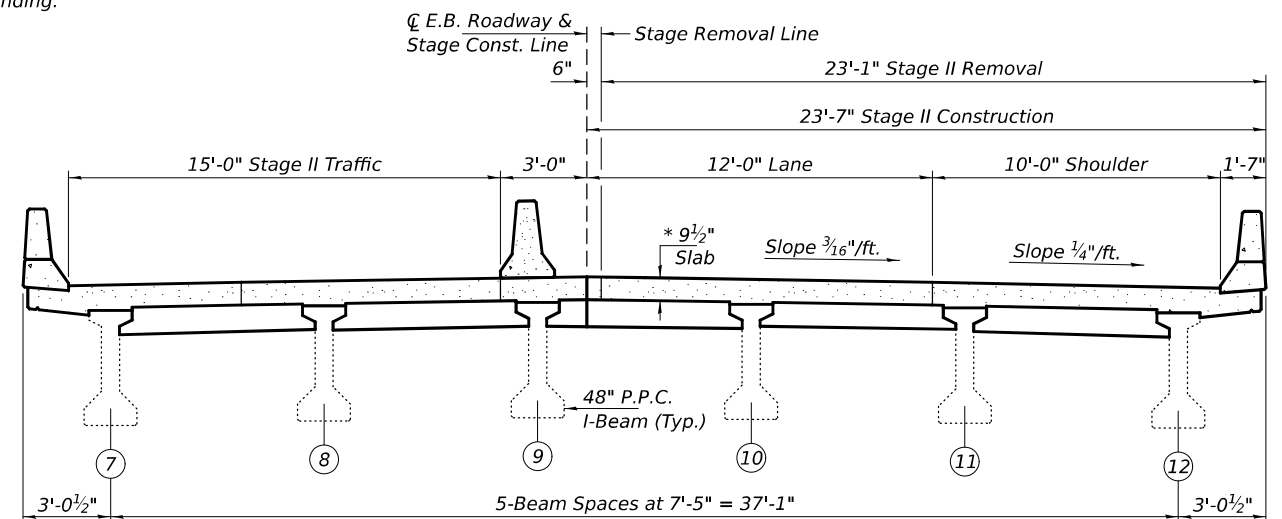
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(Looking East)



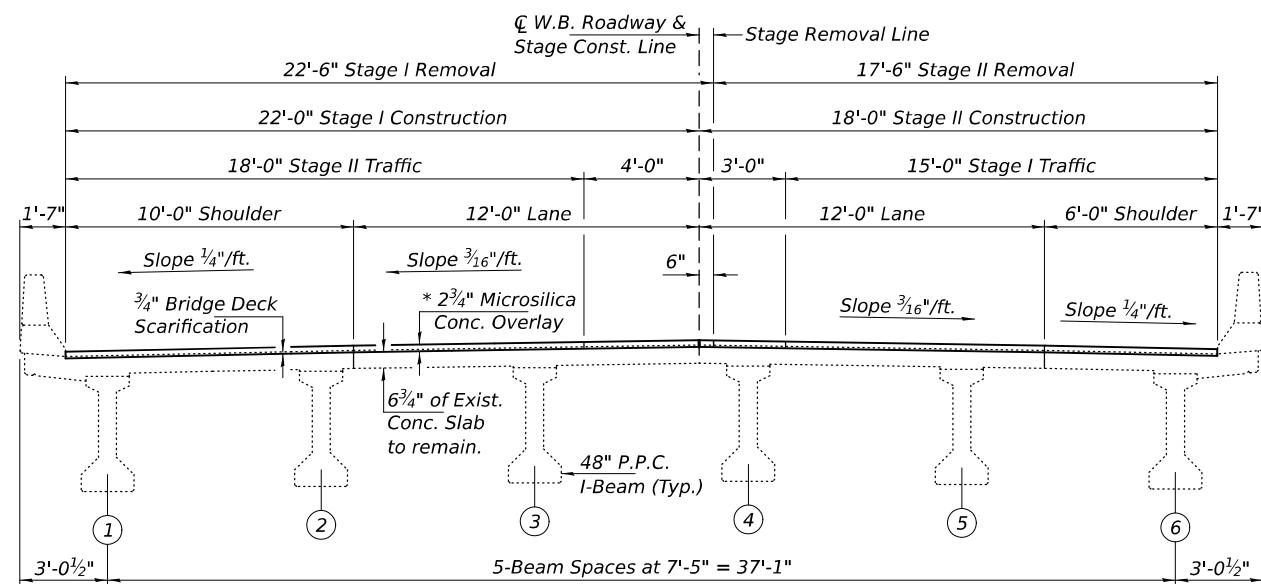
CROSS-SECTION THRU STAGE I AT ABUTMENTS (SN 075-0090 E.B.)
(Looking East)



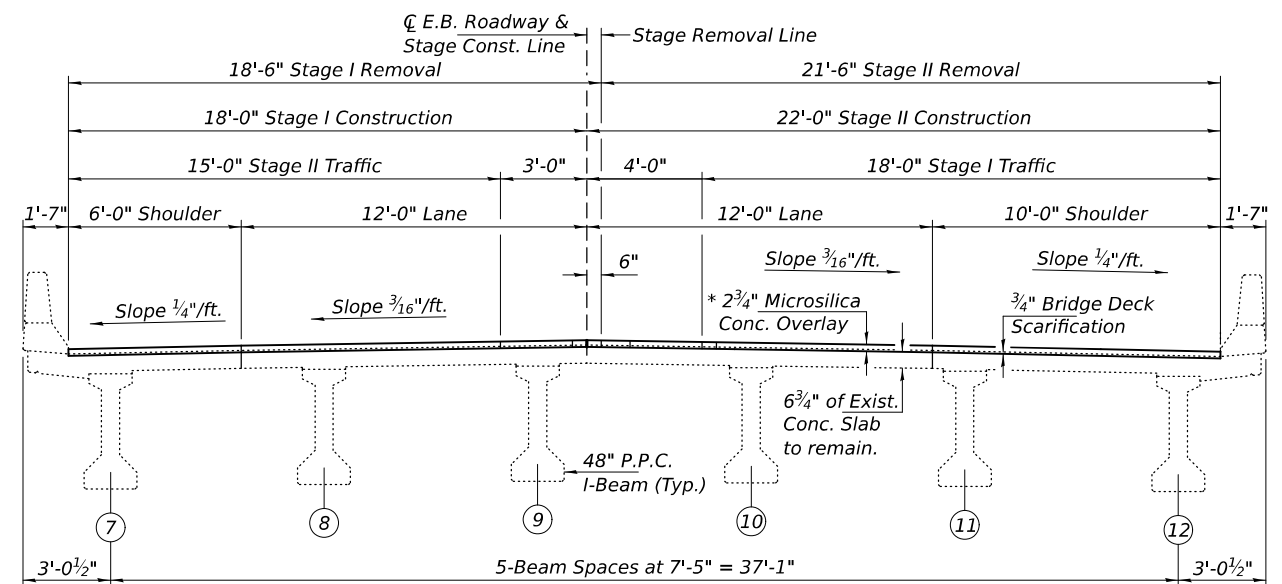
CROSS-SECTION THRU STAGE II AT ABUTMENTS (SN 075-0091 W.B.)
(Looking East)



CROSS-SECTION THRU STAGE II AT ABUTMENTS (SN 075-0090 E.B.)
(Looking East)



CROSS-SECTION THRU STAGES I & II AT MIDSPAN (SN 075-0091 W.B.)
(Looking East)



CROSS-SECTION THRU STAGES I & II AT MIDSPAN (SN 075-0090 E.B.)
(Looking East)

MODEL: 72286-062
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DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

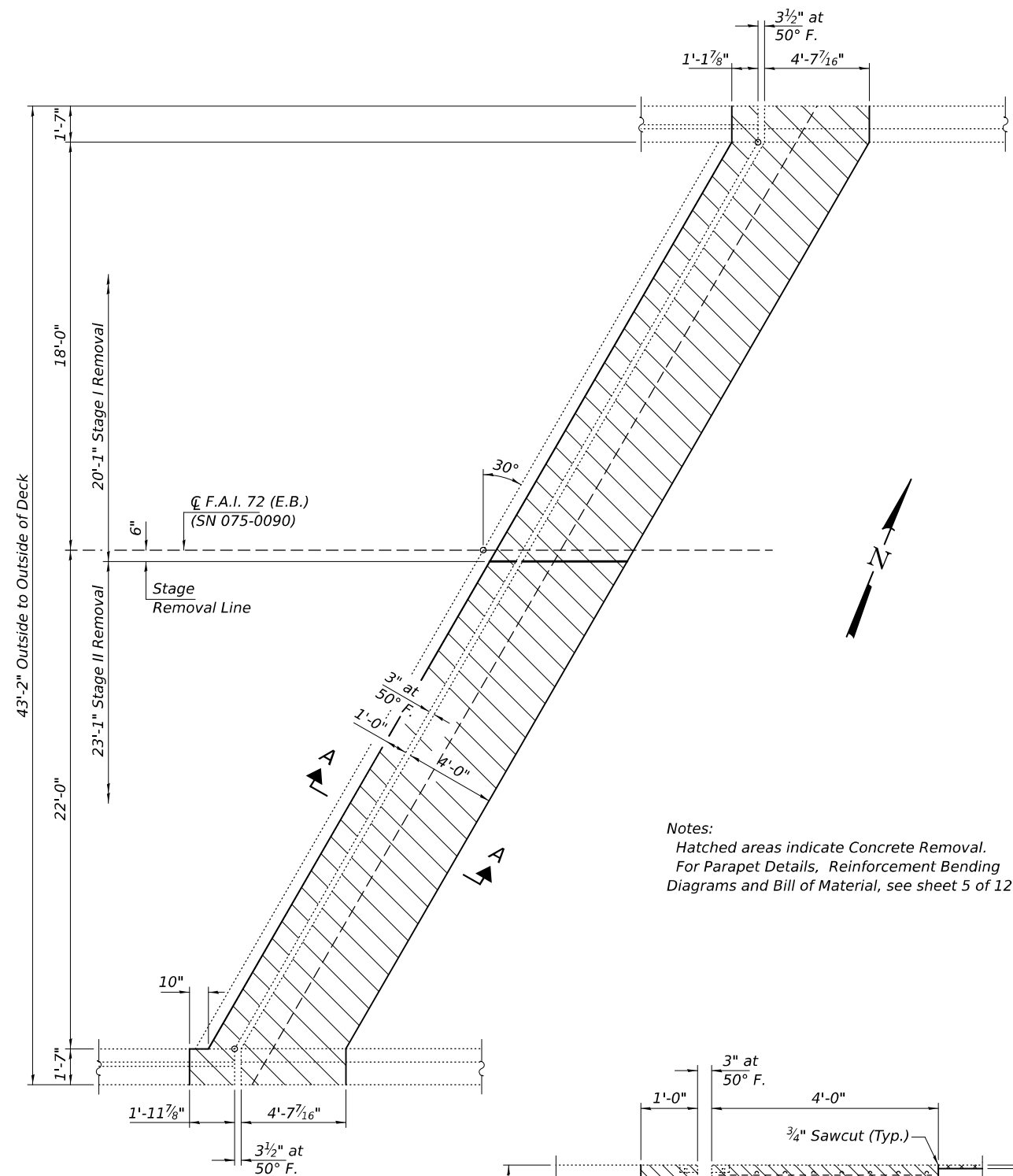
EXAMINED	ENGINEER OF STRUCTURAL SERVICES	DATE -	AUGUST 14, 2025
PASSED	JOHN F. JEFFERSON	REVISED -	
	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

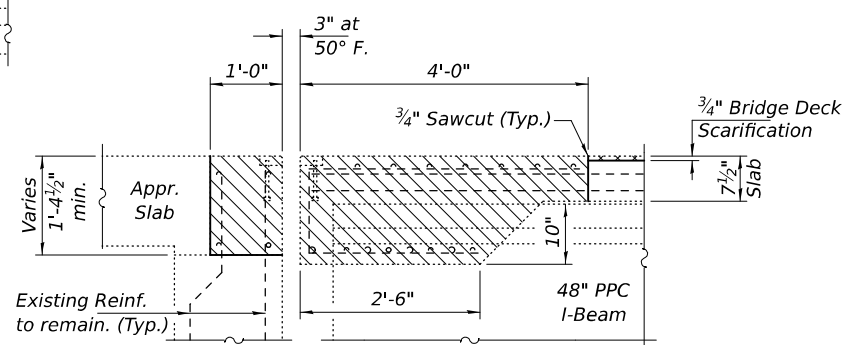
**STAGING DETAILS
SN 075-0090 (E.B.) & -0091 (W.B.)**

SHEET 2 OF 12 SHEETS

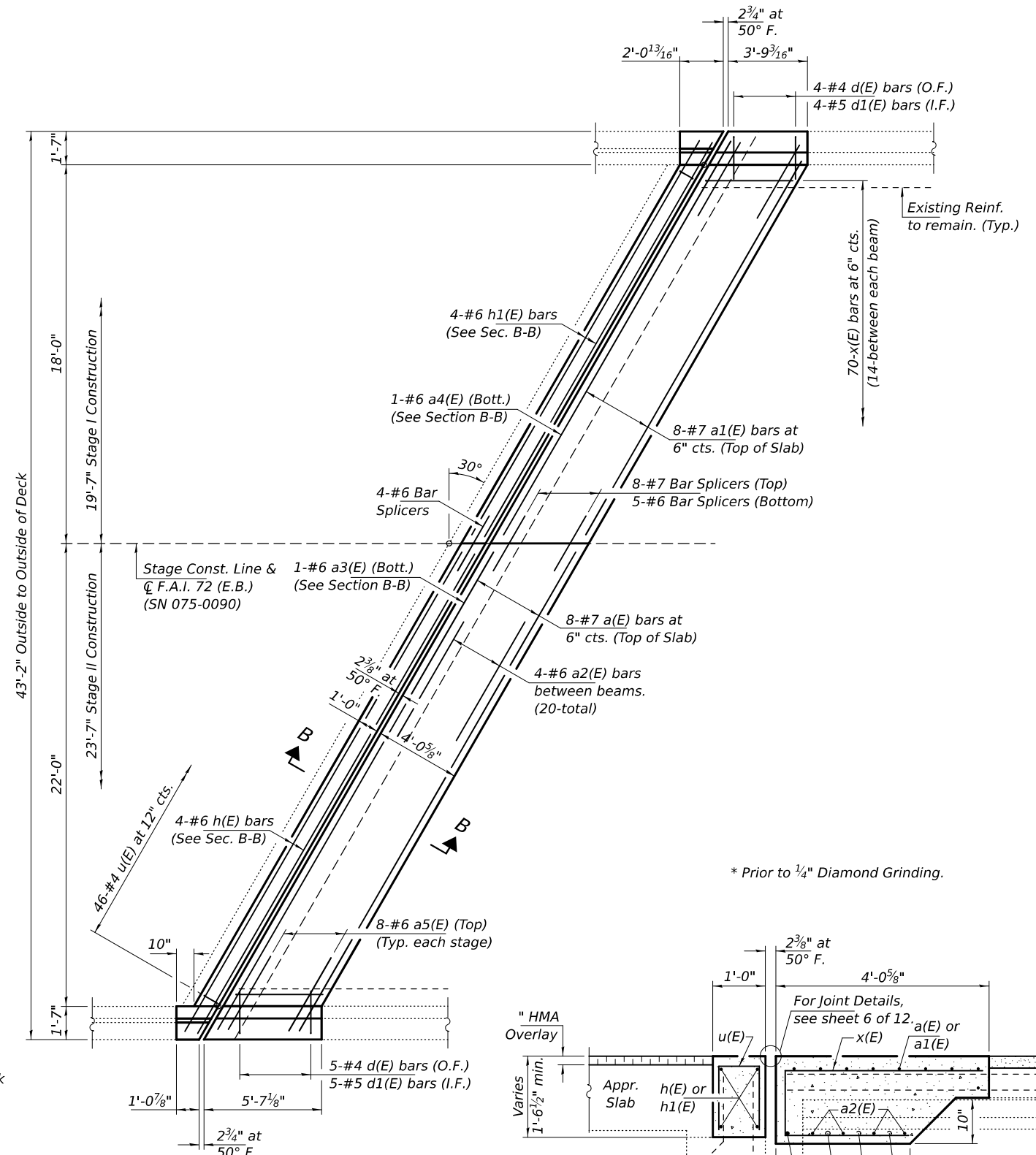
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR.BP	PIKE	90	62
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				



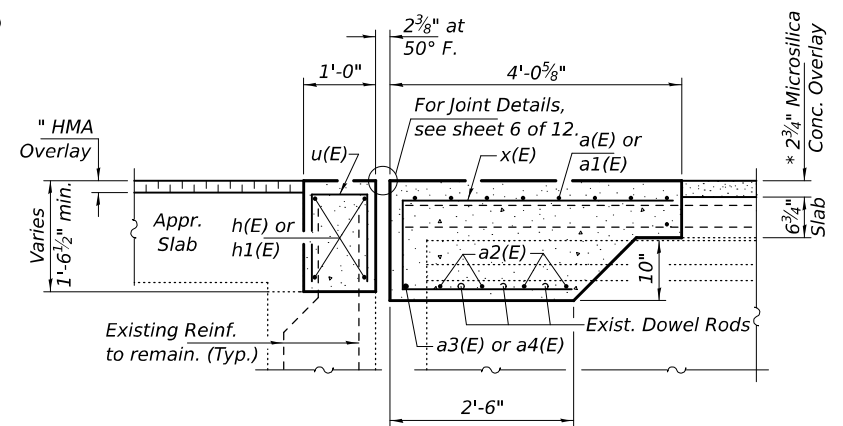
CONCRETE REMOVAL PLAN
W. Abut. shown; E. Abut. similar by rotation.



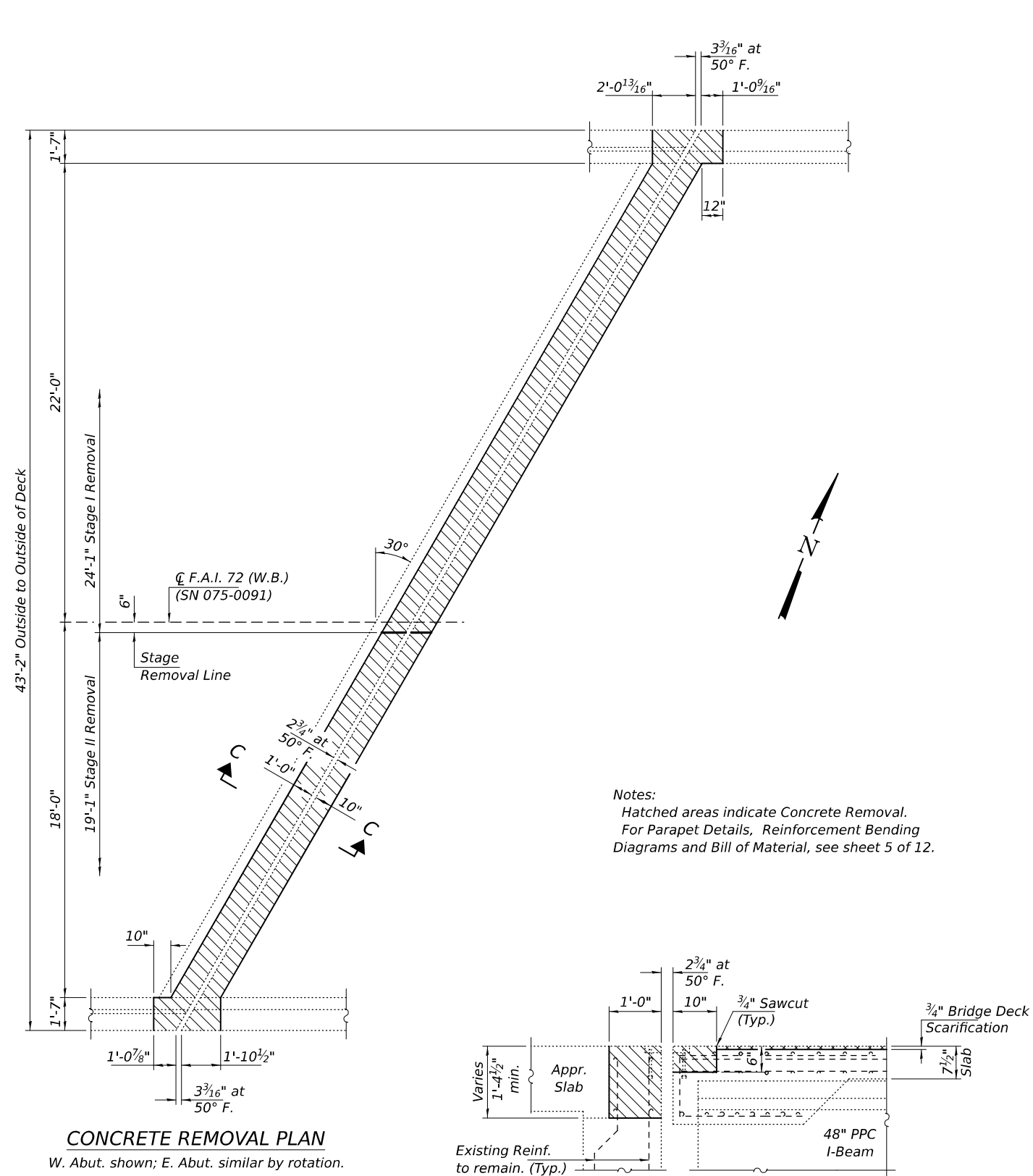
SECTION A-A
Dims. at Rt. $\angle$'s.



CONCRETE REPLACEMENT PLAN
W. Abut. shown; E. Abut. similar by rotation.

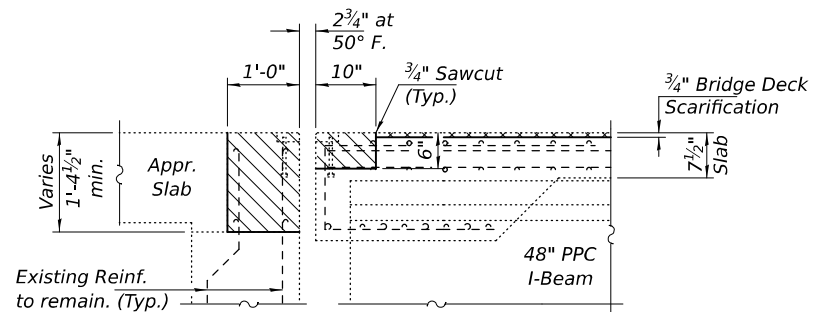


SECTION B-B
Dims. at Rt. $\angle$'s.



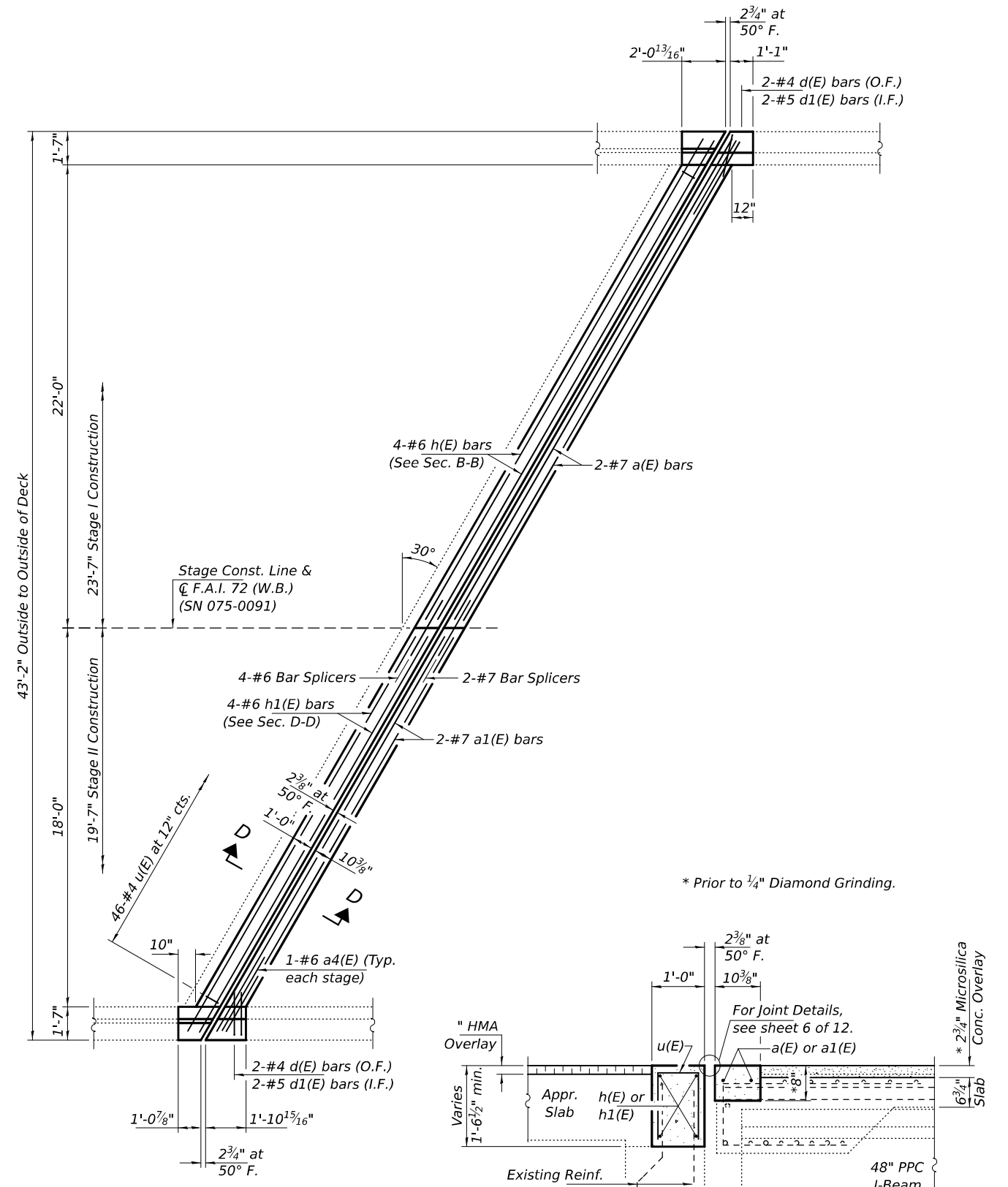
CONCRETE REMOVAL PLAN

W. Abut. shown; E. Abut. similar by rotation.



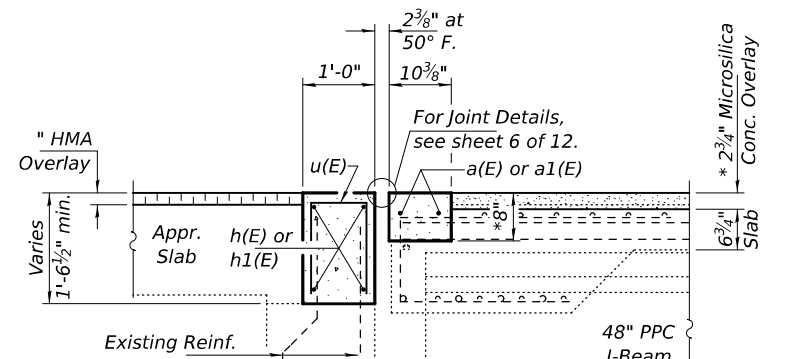
SECTION C-C

Dims. at Rt. $\angle$'s.



CONCRETE REPLACEMENT PLAN

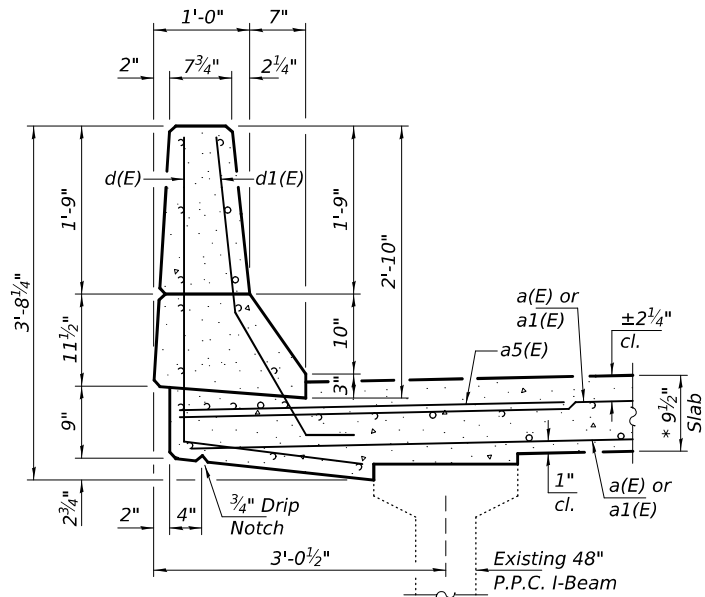
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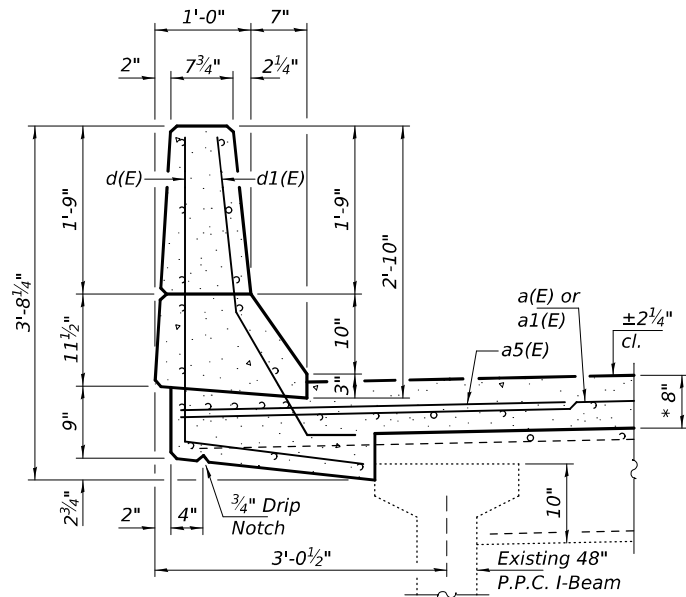
SECTION D-D

Dims. at Rt. $\angle$'s.

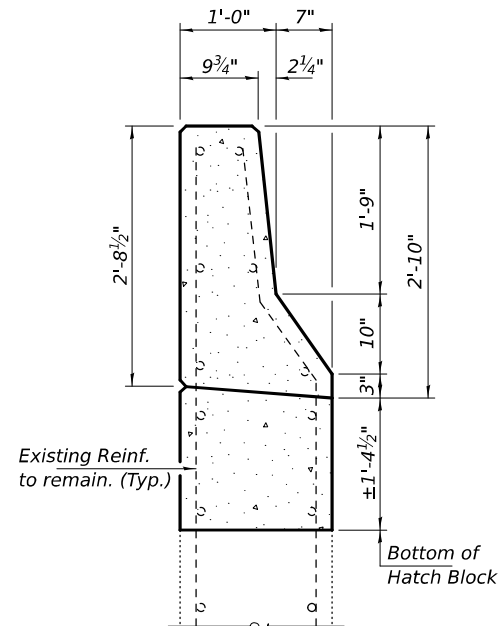
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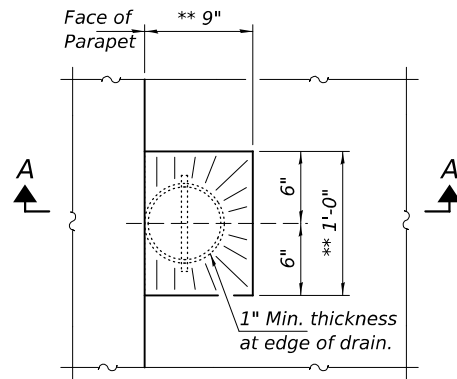
PARAPET DETAILS (SN 075-0090 E.B.)



PARAPET DETAILS (SN 075-0091 W.B.)



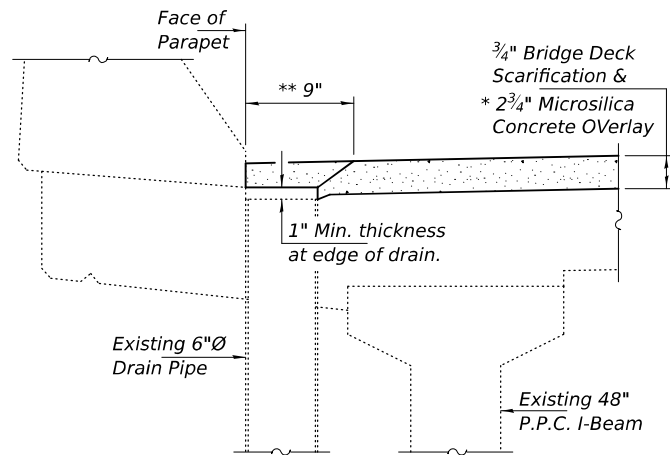
APPROACH PARAPET DETAILS



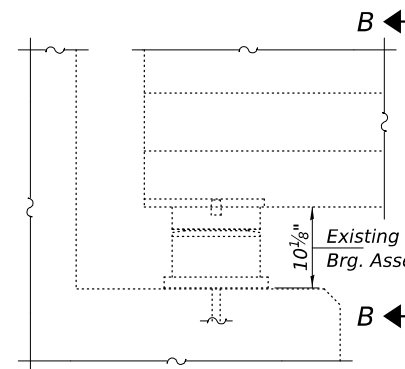
OVERLAY TREATMENT AT DRAIN DETAIL

* Prior to 1/4" Diamond Grinding.

** Sloped to drain.

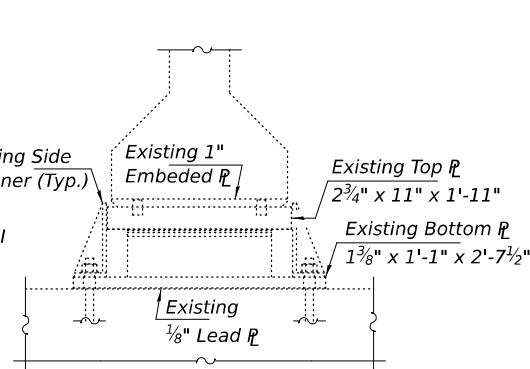


SECTION A-A



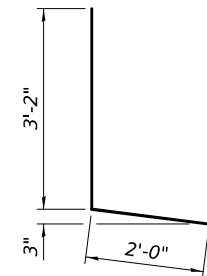
EXISTING BEARING ASSEMBLY

For Painting Information Only.

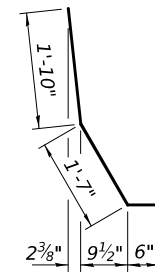


SECTION B-B

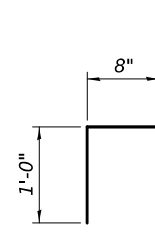
For Painting Information Only.



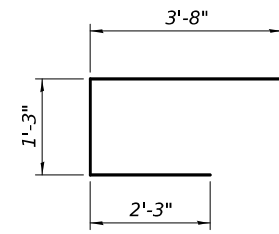
BAR d(E)



BAR d1(E)



BAR u(E)



BAR x(E)

BILL OF MATERIAL (075-0090 E.B.)

Bar	No.	Size	Length	Shape
a(E)	16	#7	26'-10"	—
a1(E)	16	#7	22'-3"	—
a2(E)	40	#6	7'-6"	—
a3(E)	2	#6	26'-10"	—
a4(E)	2	#6	22'-3"	—
a5(E)	32	#6	4'-0"	—
d(E)	18	#4	5'-2"	└
d1(E)	18	#5	3'-11"	└
h(E)	8	#6	26'-10"	—
h1(E)	8	#6	22'-3"	—
u(E)	92	#4	2'-8"	┐
x(E)	140	#6	7'-2"	┐
Concrete Removal			Cu. Yd.	26
Concrete Superstructure			Cu. Yd.	26
Bar Splicers			Each	34
Reinforcement Bars, Epoxy Coated			Pound	4790

BILL OF MATERIAL (075-0091 W.B.)

Bar	No.	Size	Length	Shape
a(E)	4	#7	26'-10"	—
a1(E)	4	#7	22'-3"	—
a5(E)	4	#6	4'-0"	—
d(E)	8	#4	5'-2"	└
d1(E)	8	#5	3'-11"	└
h(E)	8	#6	26'-10"	—
h1(E)	8	#6	22'-3"	—
u(E)	92	#4	2'-8"	┐
Concrete Removal			Cu. Yd.	7.5
Concrete Superstructure			Cu. Yd.	7.5
Bar Splicers			Each	12
Reinforcement Bars, Epoxy Coated			Pound	1320

DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED	ENGINEER OF STRUCTURAL SERVICES
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

DATE -	AUGUST 14, 2025
REVISED -	
REVISED -	

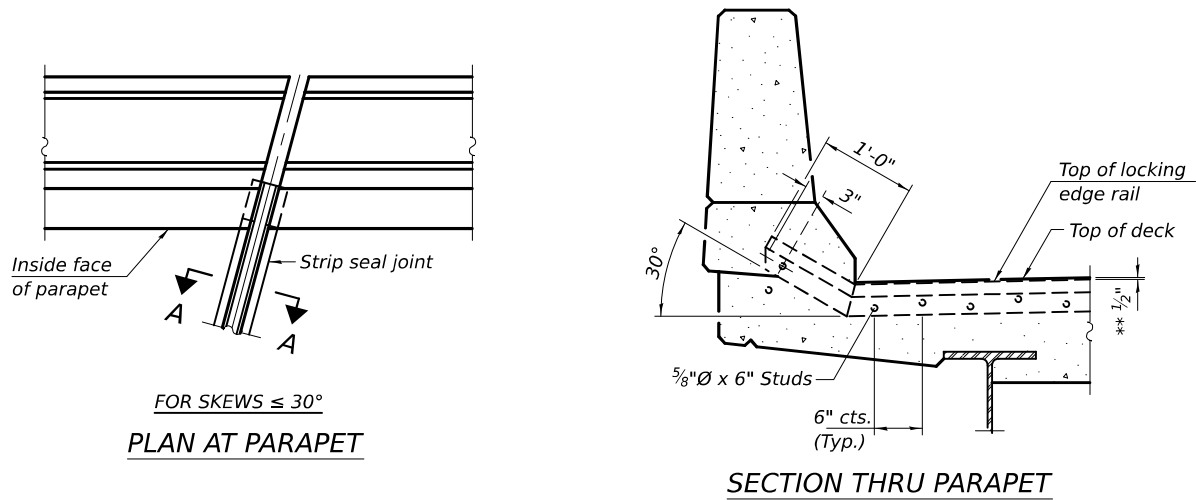
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REPAIR DETAILS
SN 075-0090 (E.B.) & -0091 (W.B.)

SHEET 5 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR.BP	PIKE	90	65
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

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Notes:

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

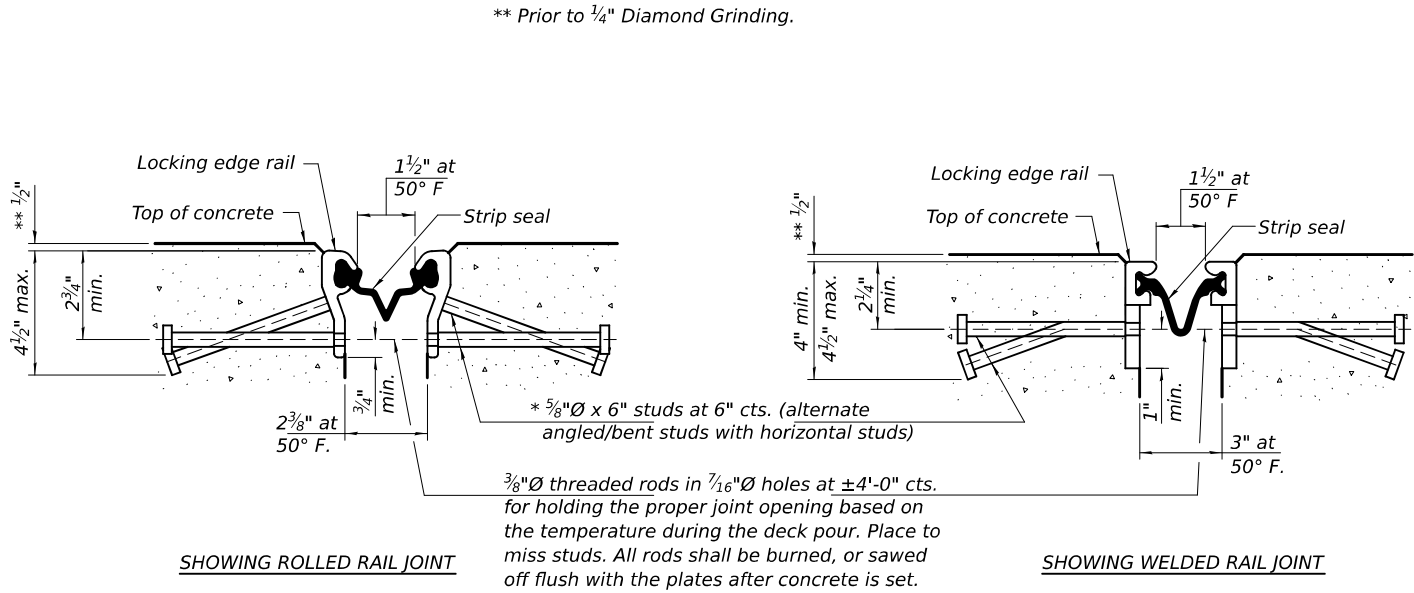
The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails,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

The manufacturer's recommended installation methods shall be followed.

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

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

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



BILL OF MATERIAL		
Item	Unit	Total
Preformed Joint Strip Seal	Foot	193

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DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED	ENGINEER OF STRUCTURAL SERVICES
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

DATE -	AUGUST 14, 2025
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL DETAILS
SN 075-0090 (E.B.) & -0091 (W.B.)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR.BP	PKE	90	66
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: 72286-067
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BSD-1

5-15-2023

DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED	
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

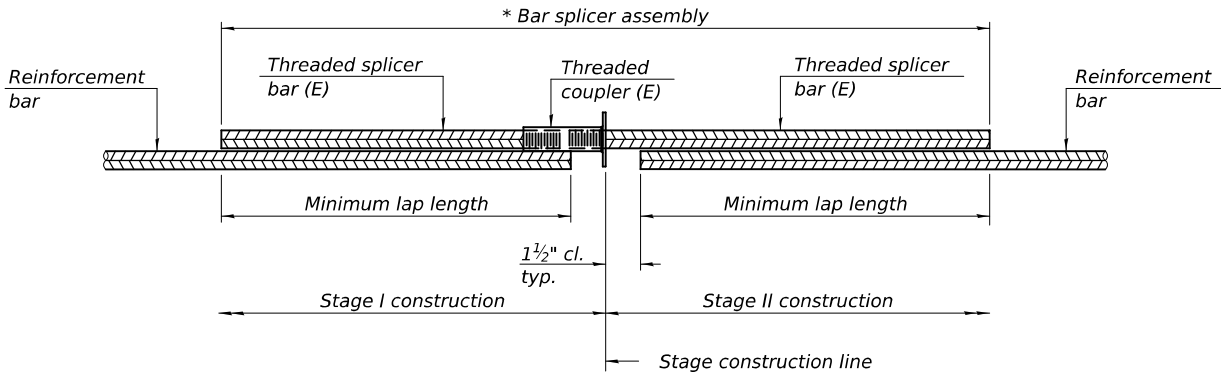
DATE -	AUGUST 14, 2025
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY & MECHANICAL SPLICER DETAILS
SN 075-0090 (E.B.) & -0091 (W.B.)

SHEET 7 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	67
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				



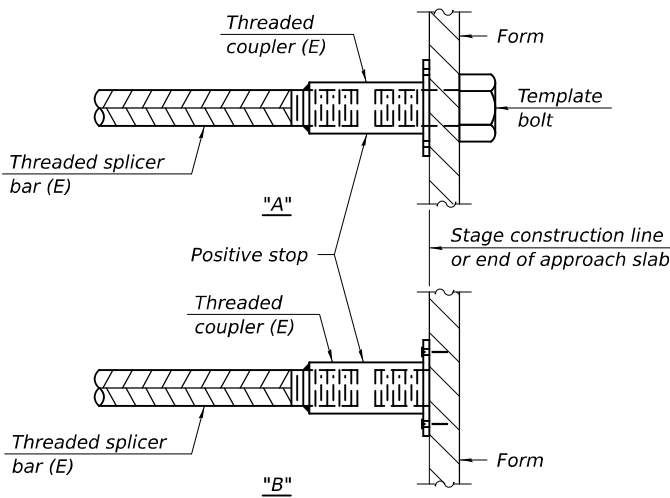
STANDARD BAR SPLICER ASSEMBLY PLAN

Only bar splicer assemblies as presented on the approved QPL list may be used.

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Deck (W.B.)	#7	4	6'-3"
Deck (E.B.)	#7	16	6'-3"
Deck (E.B.)	#6	10	4'-10"
Abutment (W.B.)	#6	8	4'-0"
Abutment (E.B.)	#6	8	4'-0"

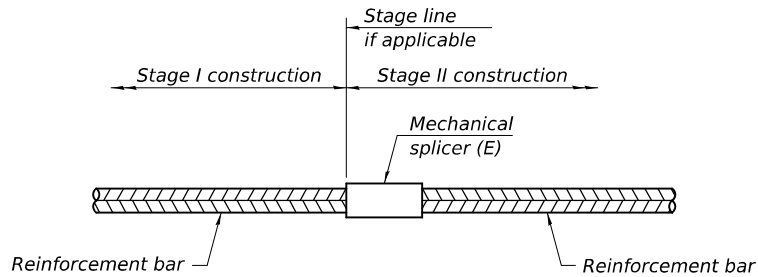


INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.

"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

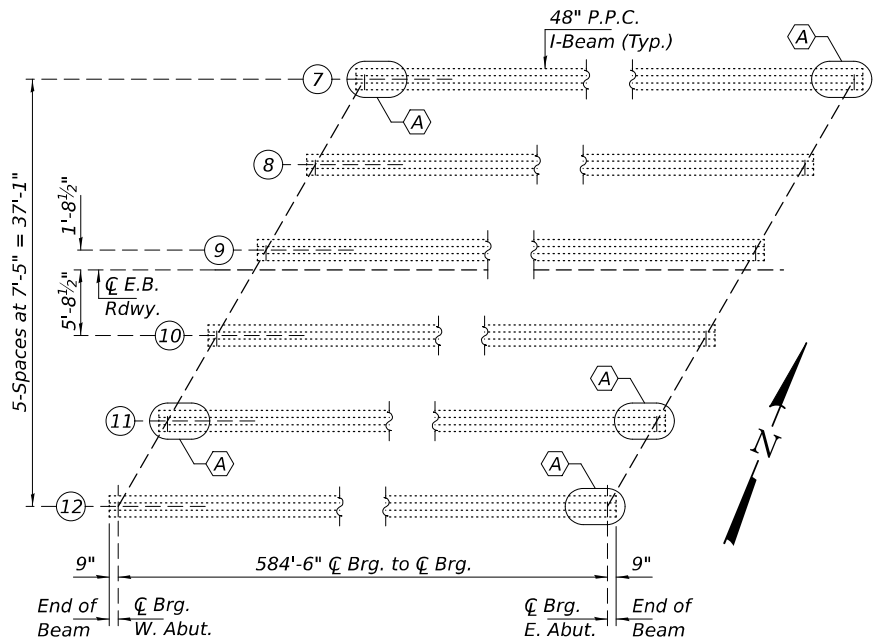
Notes:

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars.

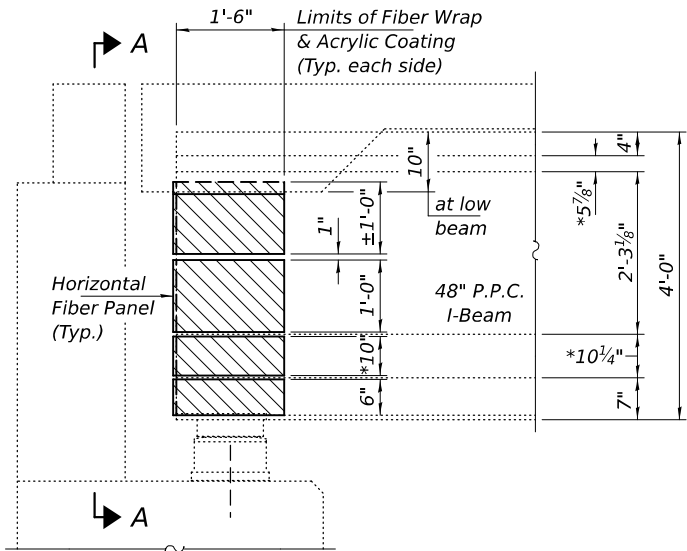
Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.

See approved list of bar splicer assemblies and mechanical splicers for alternatives.



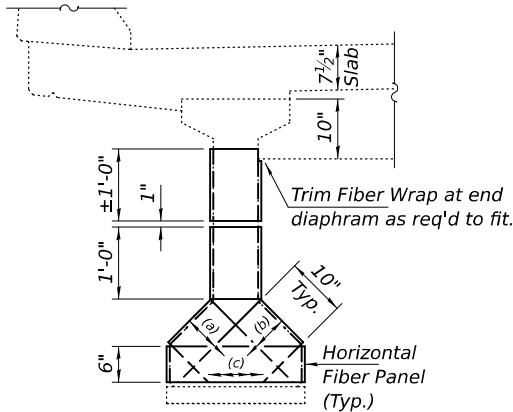
PARTIAL FRAMING PLAN (SN 075-0090 E.B.)

A - F.R.P. Repair Detail "A"



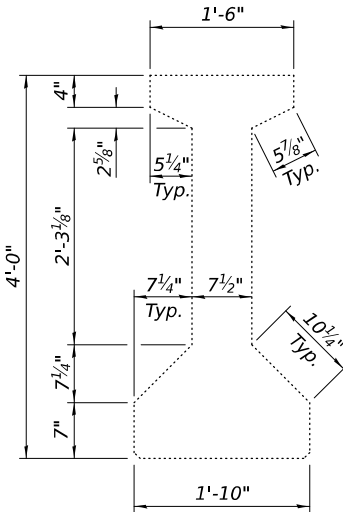
F.R.P. REPAIR DETAIL "A"

* Along sloped flange.



END VIEW A-A

Note:
Place FRP in the following
order (a), (b) and (c).



BEAM DIMENSIONS

For Information Only.

NOTES

The existing concrete surface shall be cleaned and prepared in accordance with the Special Provisions.
Acrylic Coating shall be placed over the fiber wrap repairs.
Two coats shall be applied.
See Special Provisions for "FRP Strengthening for PPC I-Beam Repairs".

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
P.P.C. I-Beam Repair	Sq. Ft.	7.1
Fiber Wrap	Sq. Ft.	65
Acrylic Coating	Sq. Yd.	7.3

MODEL: 72286-068
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DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED	
PASSED	

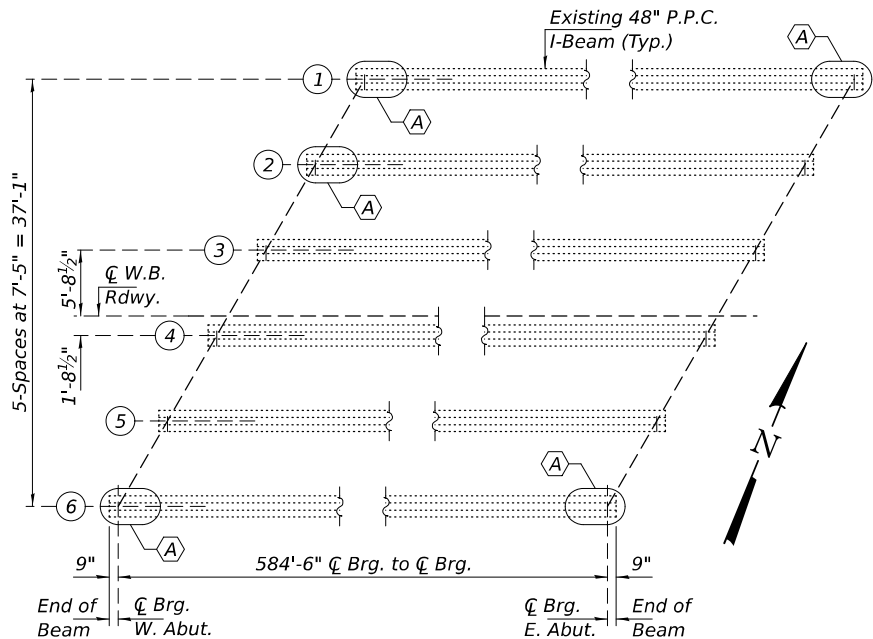
DATE -	AUGUST 14, 2025
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

P.P.C. I-BEAM F.R.P. REPAIR DETAILS
SN 075-0090 (E.B.)

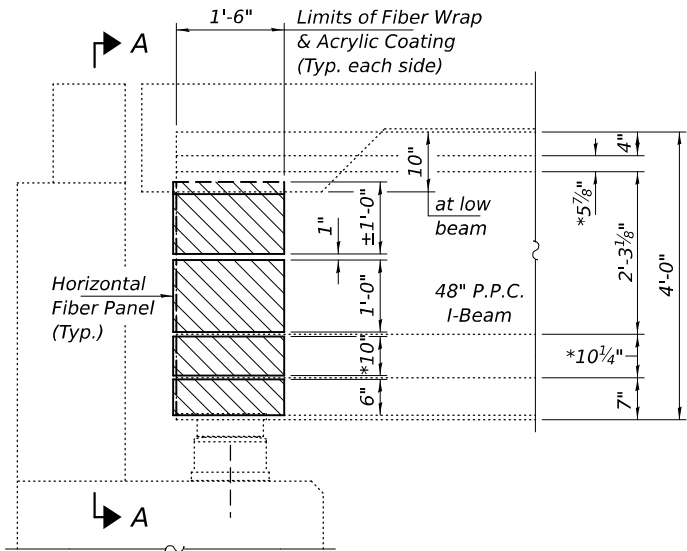
SHEET 8 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	68
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				



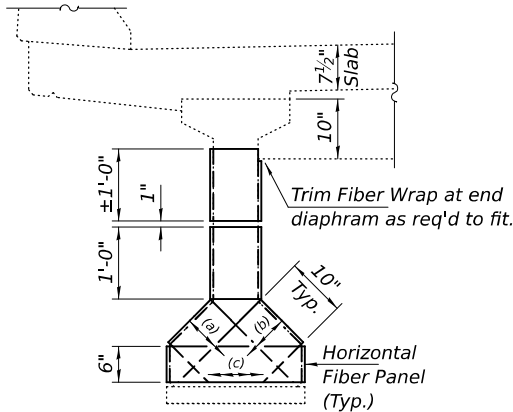
PARTIAL FRAMING PLAN (SN 075-0091 W.B.)

A - F.R.P. Repair Detail "A"



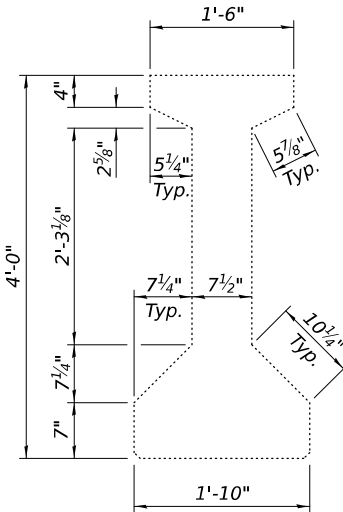
F.R.P. REPAIR DETAIL "A"

* Along sloped flange.



END VIEW A-A

Note:
Place FRP in the following order (a), (b) and (c).



BEAM DIMENSIONS

For Information Only.

NOTES

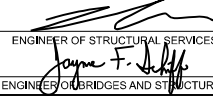
The existing concrete surface shall be cleaned and prepared in accordance with the Special Provisions.
Acrylic Coating shall be placed over the fiber wrap repairs.
Two coats shall be applied.
See Special Provisions for "FRP Strengthening for PPC I-Beam Repairs".

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
P.P.C. I-Beam Repair	Sq. Ft.	8.8
Fiber Wrap	Sq. Ft.	65
Acrylic Coating	Sq. Yd.	7.3

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DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED	
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

DATE -	AUGUST 14, 2025
REVISED -	
REVISED -	

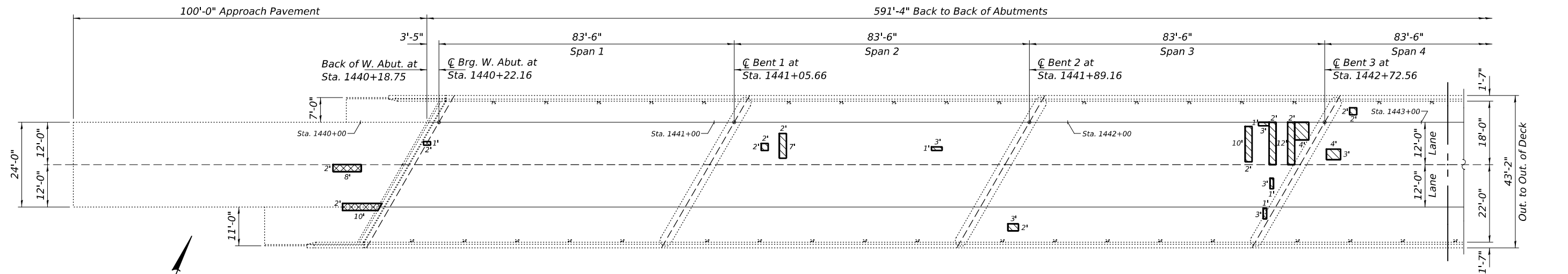
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

P.P.C. I-BEAM F.R.P. REPAIR DETAILS
SN 075-0091 (W.B.)

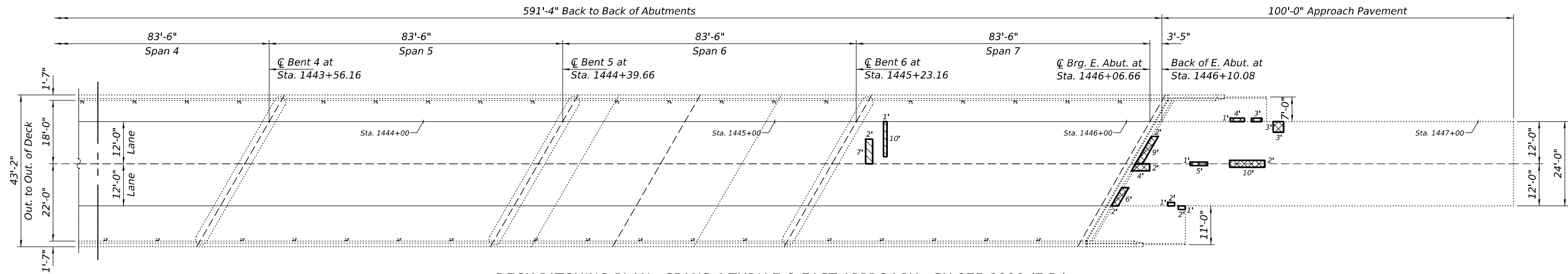
SHEET 9 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	69
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: 72286-070
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DECK PATCHING PLAN - WEST APPROACH & SPANS 1 THRU 4 - SN 075-0090 (E.B.)



DECK PATCHING PLAN - SPANS 4 THRU 7 & EAST APPROACH - SN 075-0090 (E.B.)

-  - Deck Slab Repair (Partial Depth)
-  - Approach Slab Repair (Partial Depth)

Notes:
Areas of Deck Slab Repair (Partial Depth) are estimated and shown for information only. Cost shall be included with Bridge Deck Microsilica Concrete Overlay as per the special provision.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Approach Slab Repair (Partial Depth)	Sq. Yd.	13.2

DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED
PASSED

ENGINEER OF STRUCTURAL SERVICES
Jaime F. J. J.
ENGINEER OF BRIDGES AND STRUCTURES

DATE -	AUGUST 14, 2025
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

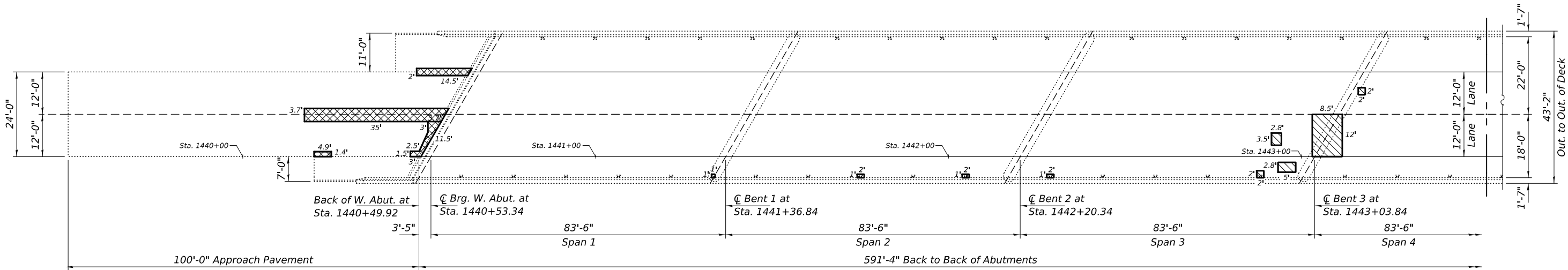
BRIDGE DECK & APPROACH PATCHING DETAILS
SN 075-0090 (E.B.)

SHEET 10 OF 12 SHEETS

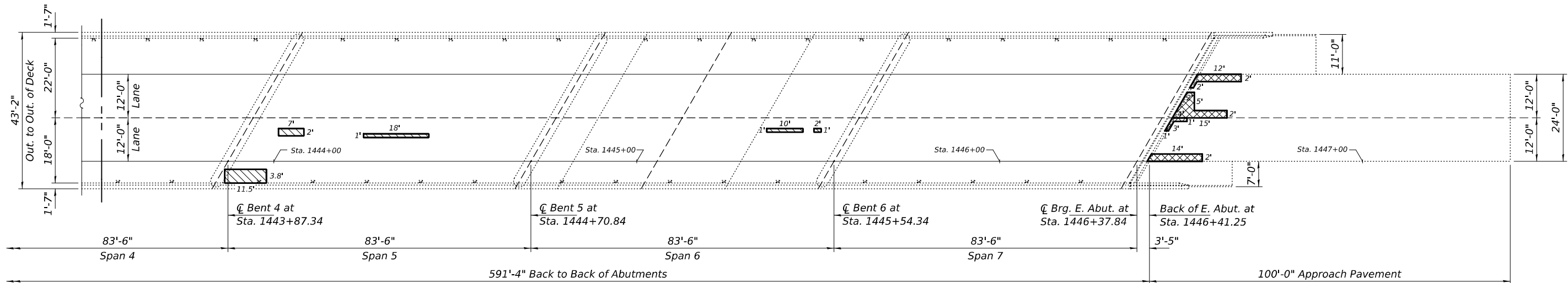
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72	(75-2)BDR,BP	PIKE	90	70
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

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DECK PATCHING PLAN - WEST APPROACH & SPANS 1 THRU 4 - SN 075-0091 (W.B.)



DECK PATCHING PLAN - SPANS 4 THRU 7 & EAST APPROACH - SN 075-0091 (W.B.)

- Deck Slab Repair (Partial Depth)
- Approach Slab Repair (Partial Depth)

Notes:
Areas of Deck Slab Repair (Partial Depth) are estimated and shown for information only. Cost shall be included with Bridge Deck Microsilica Concrete Overlay as per the special provision.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Approach Slab Repair (Partial Depth)	Sq. Yd.	34.1

DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED	
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

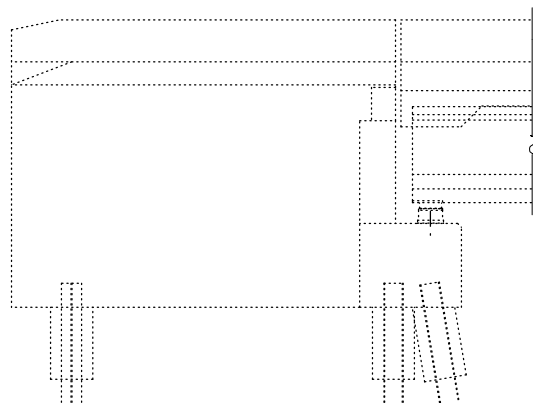
DATE -	AUGUST 14, 2025
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

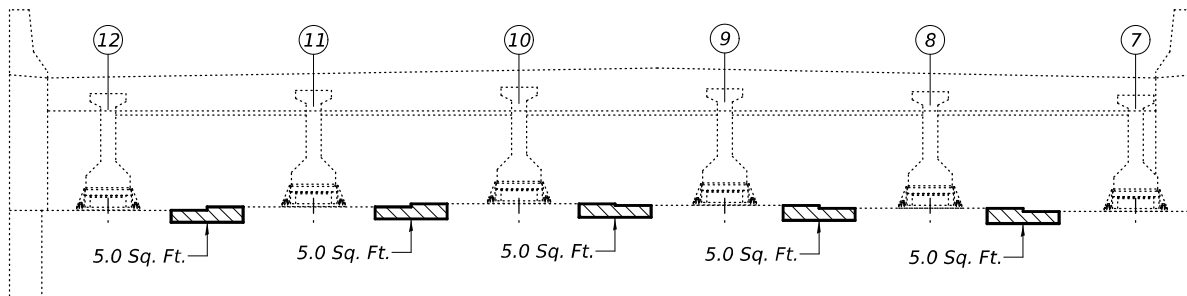
BRIDGE DECK & APPROACH PATCHING DETAILS
SN 075-0091 (W.B.)

SHEET 11 OF 12 SHEETS

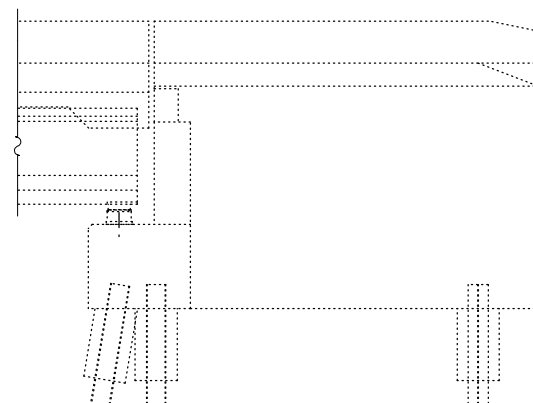
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	71
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				



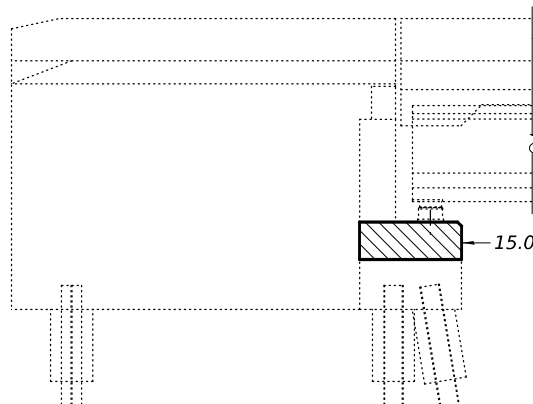
SOUTHWEST WINGWALL
(Looking North)



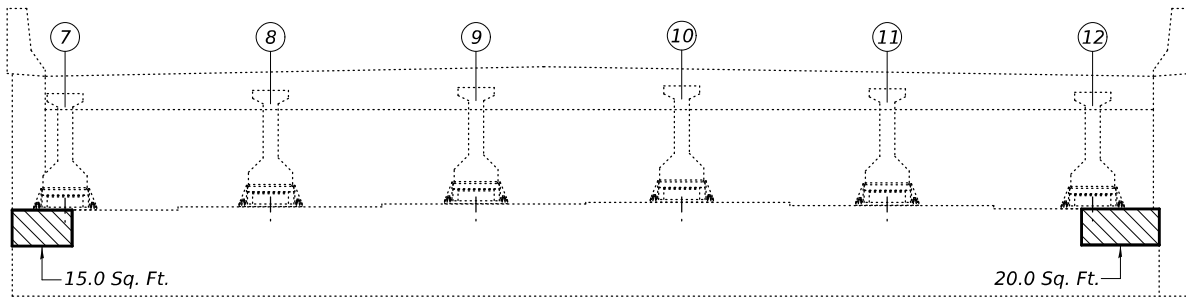
WEST ABUTMENT ELEVATION - SN 075-0090 (E.B.)
(Looking West)



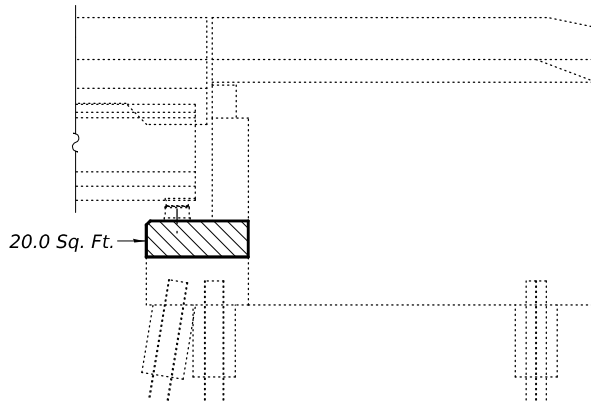
NORTHWEST WINGWALL
(Looking South)



NORTHEAST WINGWALL
(Looking South)



EAST ABUTMENT ELEVATION - SN 075-0090 (E.B.)
(Looking East)



SOUTHEAST WINGWALL
(Looking North)

Notes:
Areas of substructure repairs shown are estimated.
The Engineer shall show actual locations and size of substructure repairs on As-built Plans.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
* Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. Ft.	95

* Quantity is estimated. Location and size of patches to be determined in the field by the Engineer.

 - Structural Repair of Concrete
(Depth Equal to or Less than 5 Inches)

MODEL: 72286-072
FILE NAME: p:\dot-pw\dot-pw\Bentley.com\FWIDOT\Documents\IDOT_O_ces\Bureau of Bridges and Structures\OBM Projects\0750090\CADDData\Structures\0750090.dgn
8/14/2025 3:16:37 PM

DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED	
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

DATE -	AUGUST 14, 2025
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUBSTRUCTURE REPAIR DETAILS
SN 075-0090 (E.B.)**

SHEET 12 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	72
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: 72286-073
FILE NAME: pw://idiot-pw.bentley.com:FWIDOT/Documents/IDOT O ces/Bureau of Bridges and Structures/0750124/CADDData/Structures/0750124.dgn



EXPIRES 11-30-2026

DESIGNED -	Tapasvi Patel
CHECKED -	Chi-Cheung Chau
DRAWN -	STEFFEN
CHECKED -	TP CCC

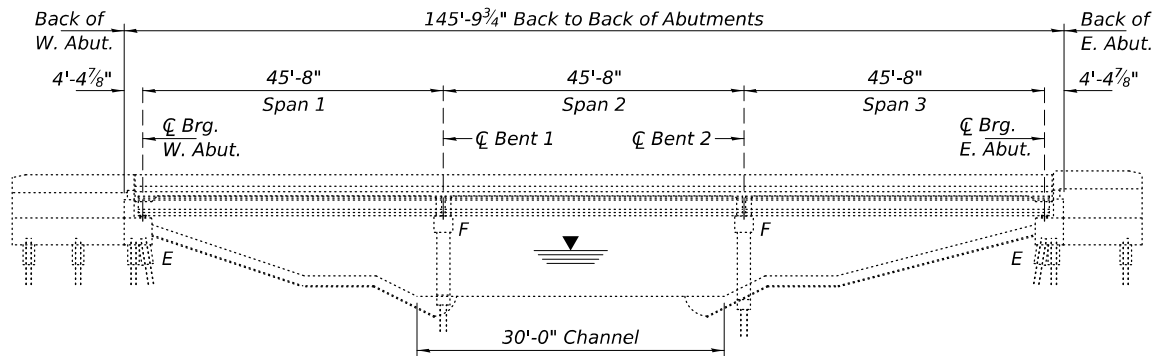
EXAMINED		DATE -	AUGUST 14, 2025
PASSED	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -	
		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

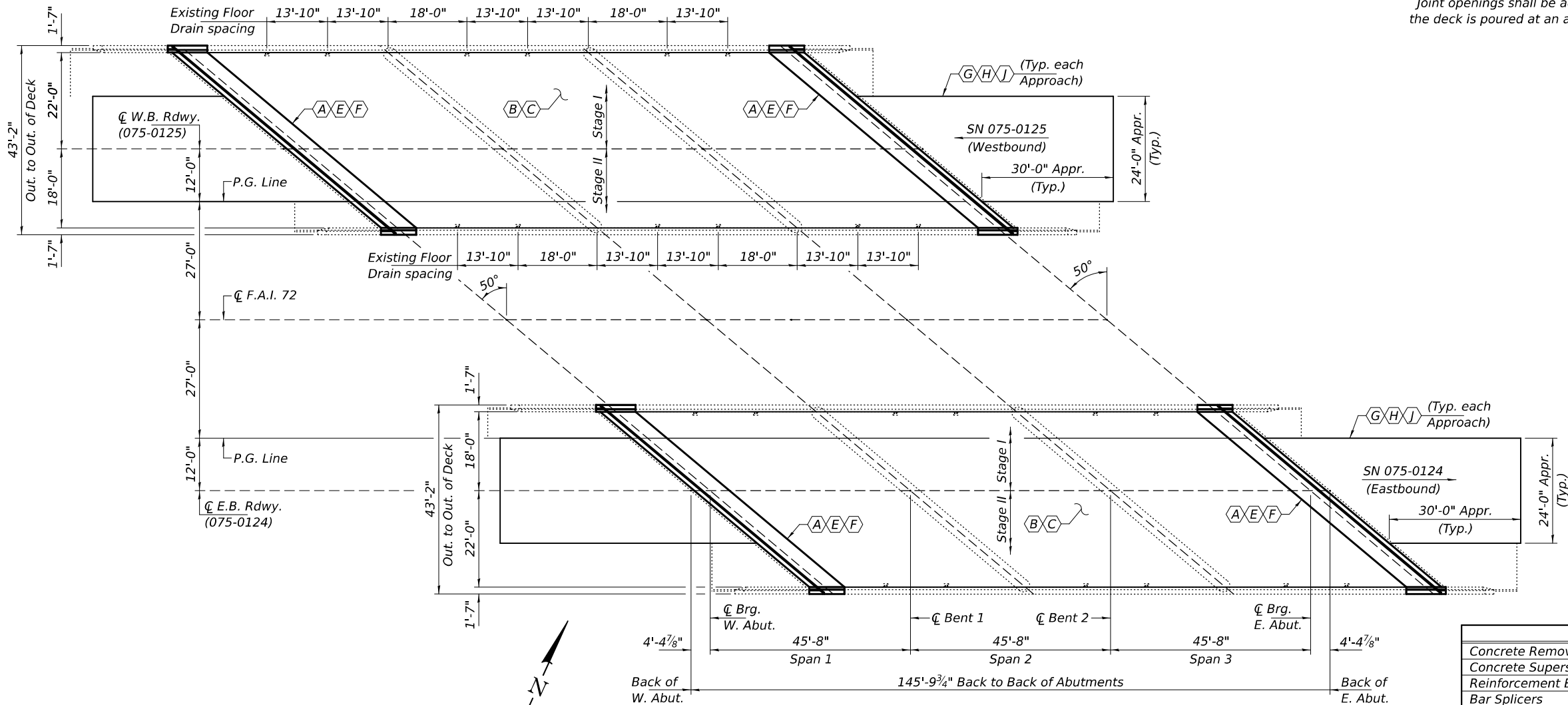
GENERAL PLAN AND ELEVATION
F.A.I. ROUTE 72 OVER TRIBUTARY TO MCCRANEY CREEK
SN 075-0124 (E.B.) & -0125 (W.B.)

SHEET 1 OF 15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR.BP	PIKE	90	73
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				



ELEVATION



PLAN

GENERAL NOTES

Plan dimensions and details relative to the existing structure have been taken from existing plans and are subject to nominal construction variations. The Contractor 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.

Reinforcement bars designated (E) shall be epoxy coated.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system at the contractor's expense.

The Contractor shall use extreme care during concrete removal so as not to damage the PPC I-Beam.

The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructure.

Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50° F.

SCOPE OF WORK

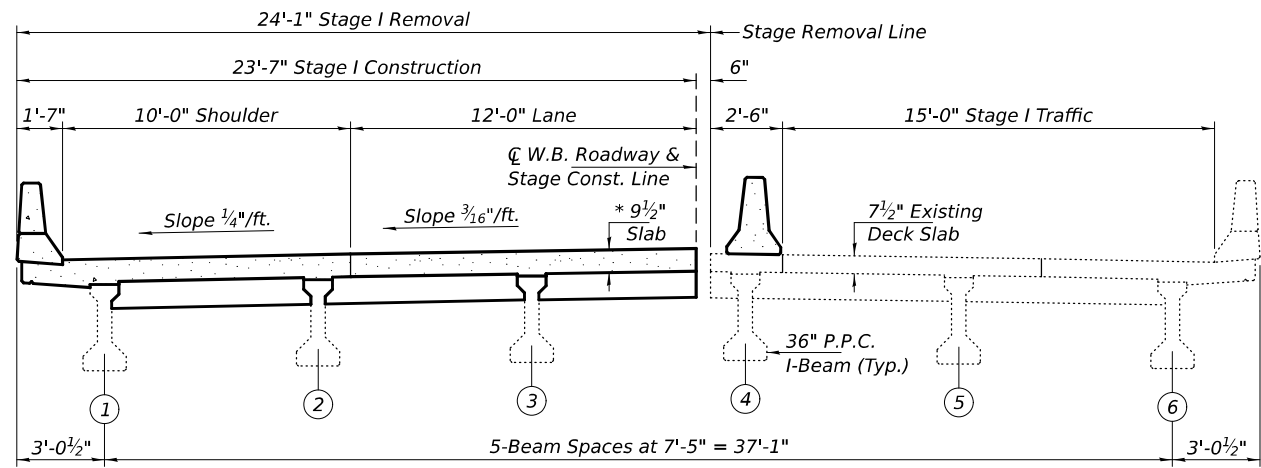
- (A) - Remove & Replace Exp. Joint (Full Depth)
- (B) - Bridge Deck Patching (See sheets 12 & 13 of 15.)
- (C) - 3/4" Bridge Deck Scarification, 2 3/4" Microsilica Concrete Overlay, & 1/4" Diamond Grinding.
- (D) - F.R.P. Beam End Repairs (See sheets 10 & 11 of 15.)
- (E) - Blast and Paint Existing Exp. Brgs. at Abutments.
- (F) - Concrete Repairs on Abutment.
- (G) - Bridge Approach Patching (See sheet 12 & 13 of 15.)
- (H) - Install HMA overlay on Bridge Approach. (See Roadway Plans sheets 51-52 of 90.)
- (I) - Fill voids under Approach shoulders.

TOTAL BILL OF MATERIAL

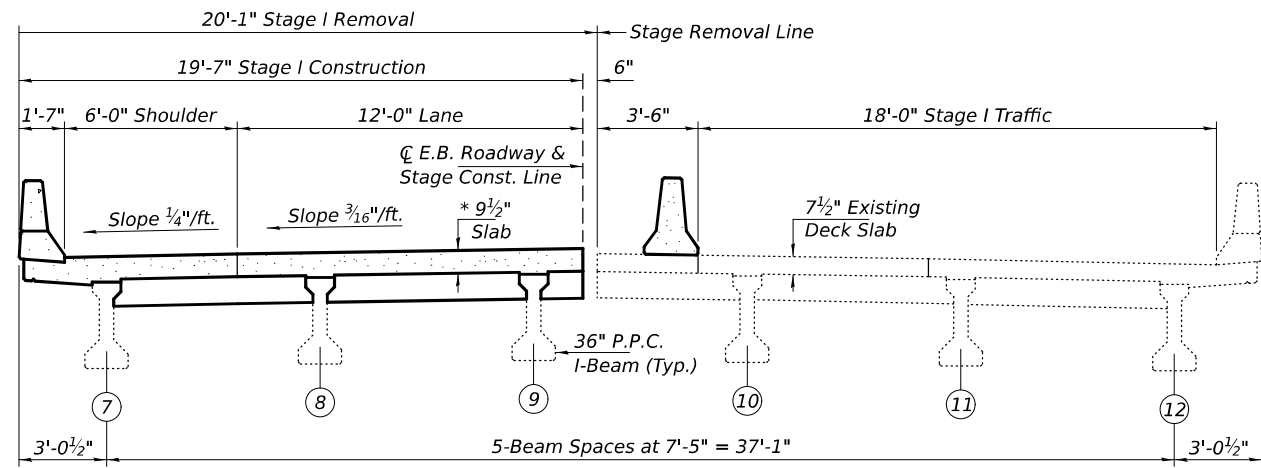
ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	72
Concrete Superstructure	Cu. Yd.	72
Reinforcement Bars, Epoxy Coated	Pound	11900
Bar Splicers	Each	68
Preformed Joint Strip Seal	Foot	258
Bridge Deck Microsilica Concrete Overlay, 2 3/4"	Sq. Yd.	1296
Bridge Deck Scarification, 3/4"	Sq. Yd.	1296
Diamond Grinding (Bridge Section)	Sq. Yd.	1167
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	777
Approach Slab Repair (Partial Depth)	Sq. Yd.	79.2
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. Ft.	105
P.P.C. I-Beam Repair	Sq. Ft.	21.8
Fiber Wrap	Sq. Ft.	106
Acrylic Coating	Sq. Yd.	12
* Protective Coat	Sq. Yd.	1311
** Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	2

* Applied on new concrete only.

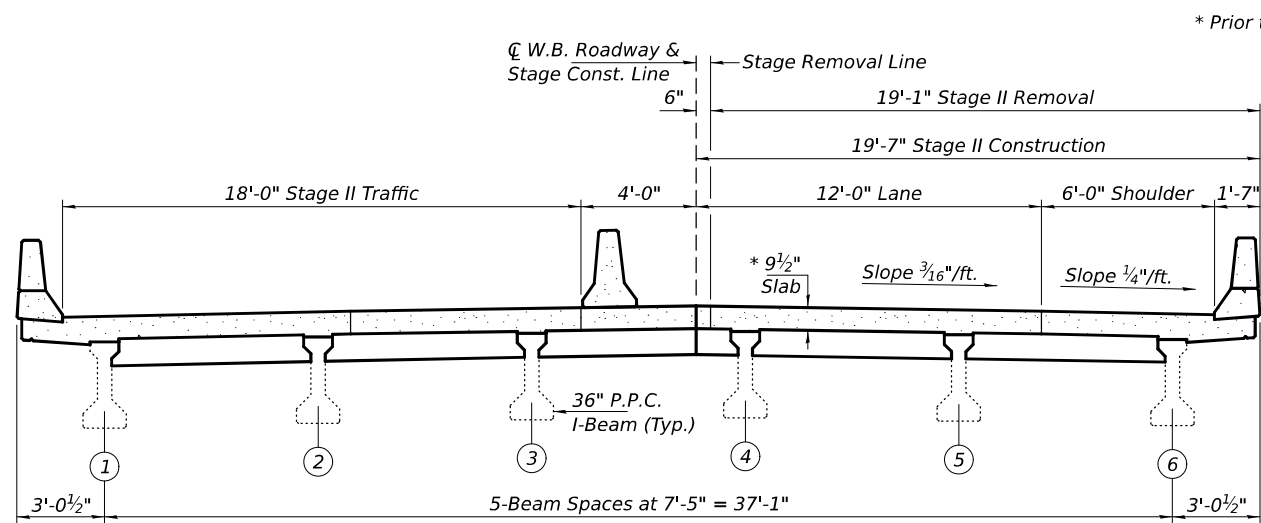
** Quantity is estimated. Location and size of the patches to be determined in the field by the Engineer.



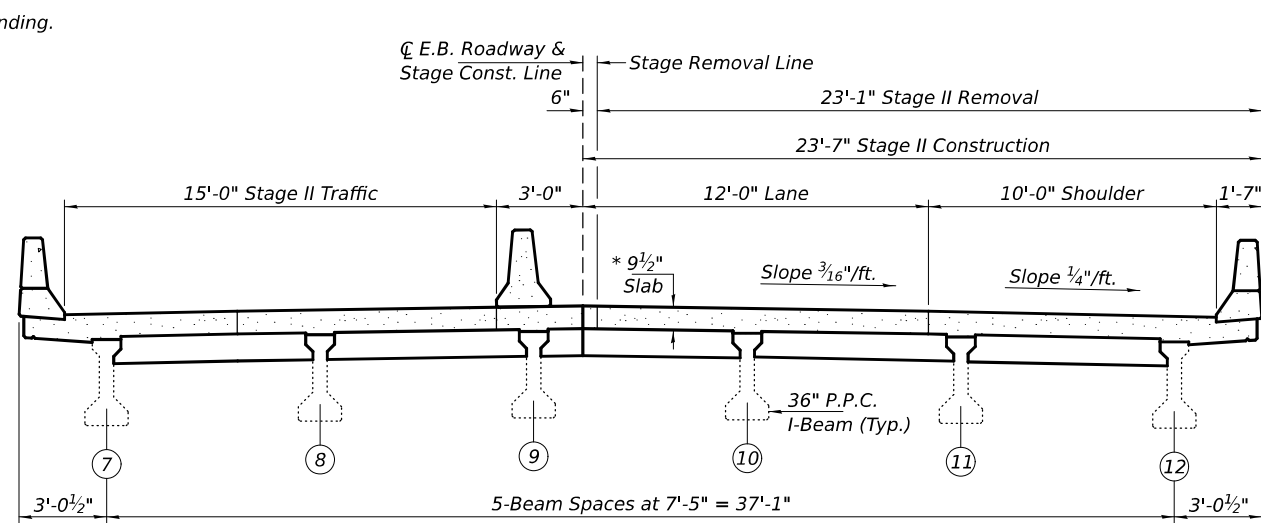
CROSS-SECTION THRU STAGE I AT ABUTMENTS (SN 075-0125 W.B.)
(Looking East)



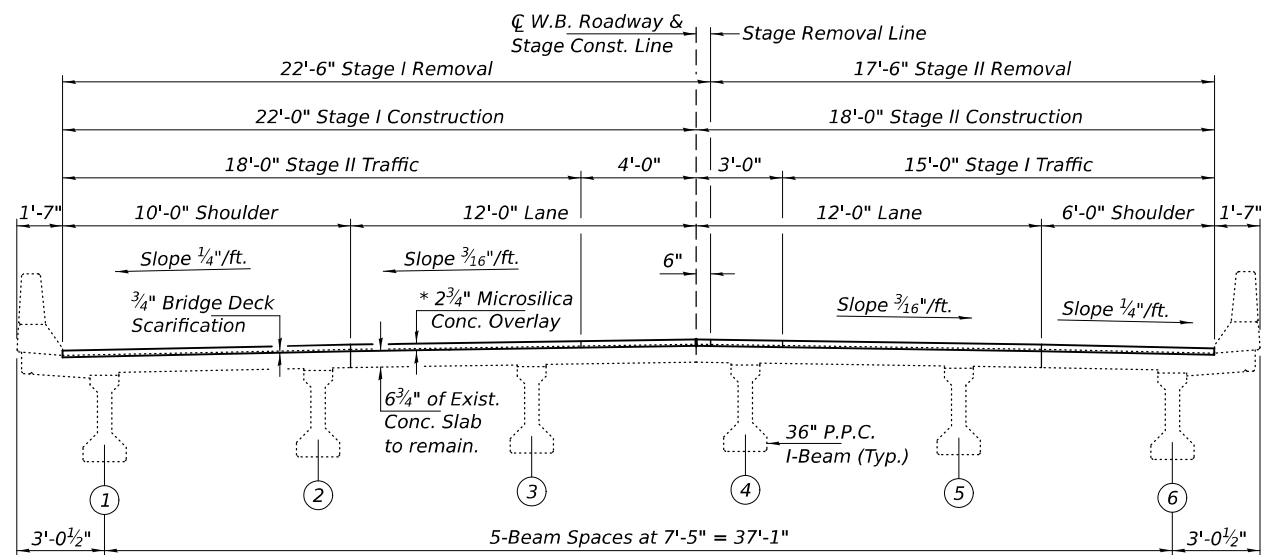
CROSS-SECTION THRU STAGE I AT ABUTMENTS (SN 075-0124 E.B.)
(Looking East)



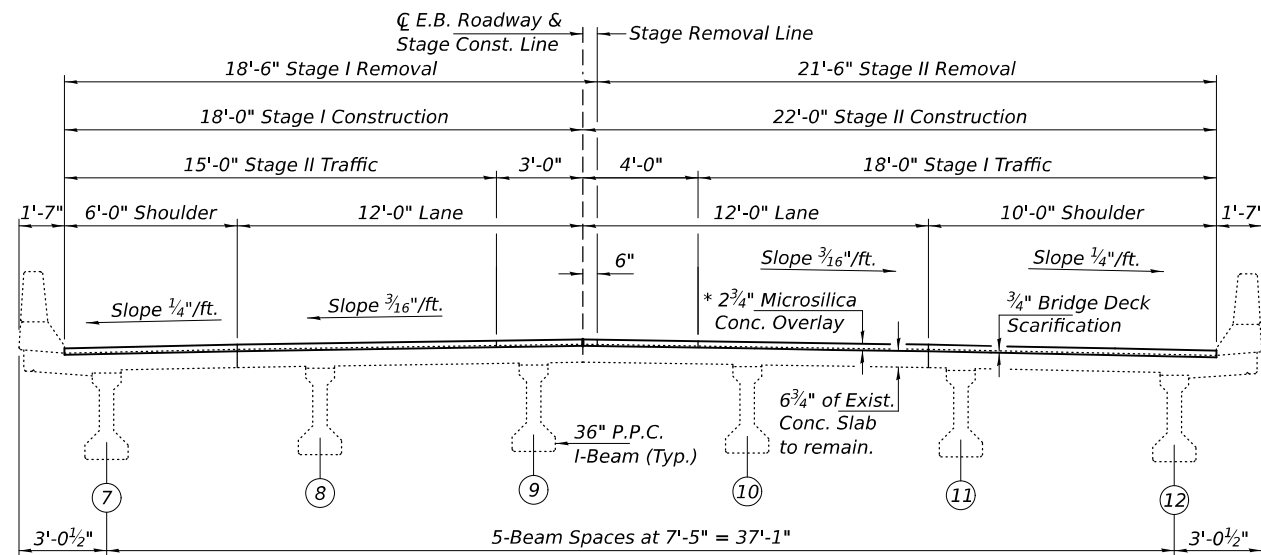
CROSS-SECTION THRU STAGE II AT ABUTMENTS (SN 075-0125 W.B.)
(Looking East)



CROSS-SECTION THRU STAGE II AT ABUTMENTS (SN 075-0124 E.B.)
(Looking East)



CROSS-SECTION THRU STAGES I & II AT MIDSPAN (SN 075-0125 W.B.)
(Looking East)



CROSS-SECTION THRU STAGES I & II AT MIDSPAN (SN 075-0124 E.B.)
(Looking East)

MODEL: 72286-074
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DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED	ENGINEER OF STRUCTURAL SERVICES	DATE -	AUGUST 14, 2025
PASSED	JOHN F. STEFFEN	REVISED -	
	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -	

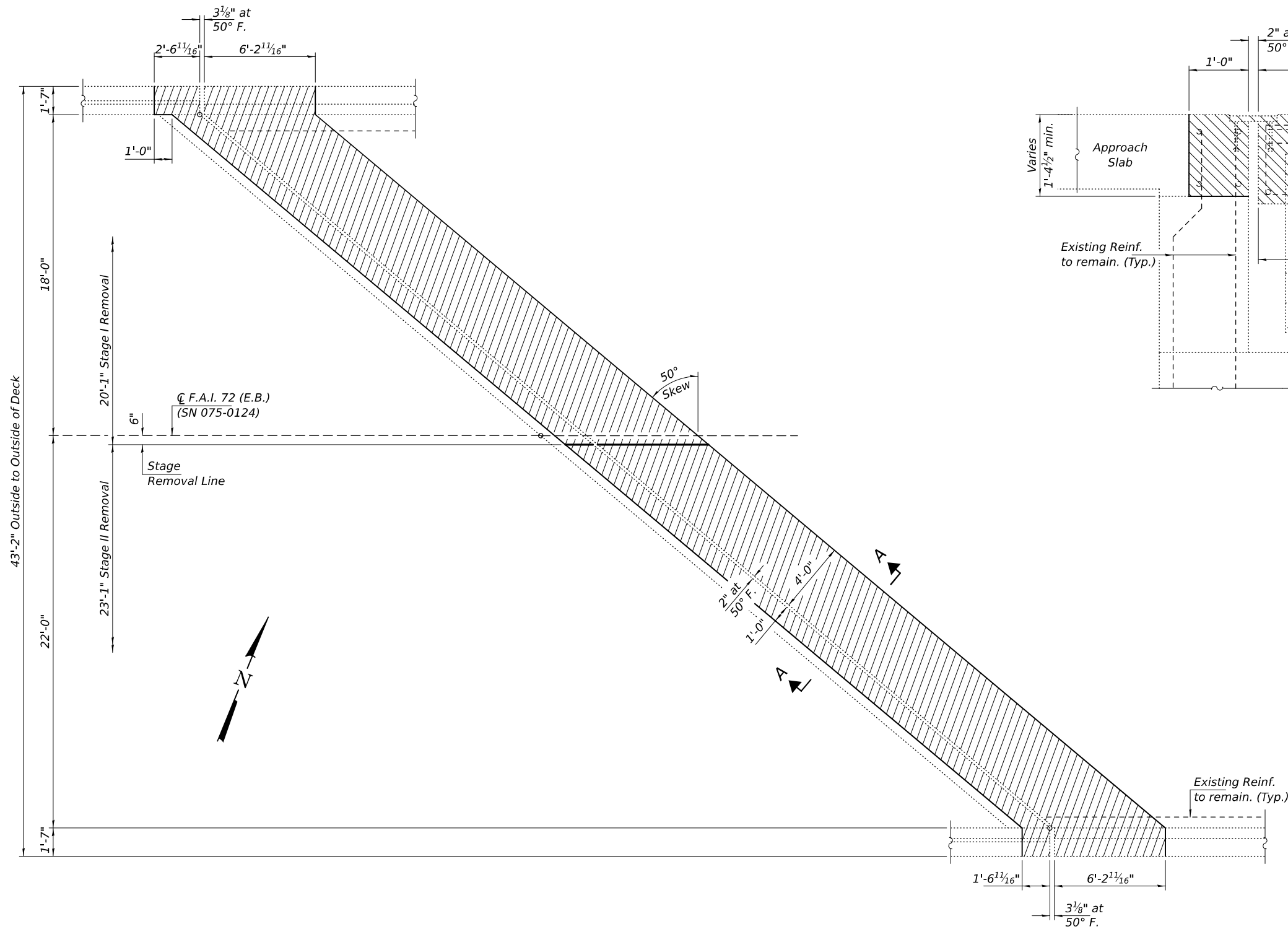
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGING DETAILS
SN 075-0124 (E.B.) & -0125 (W.B.)**

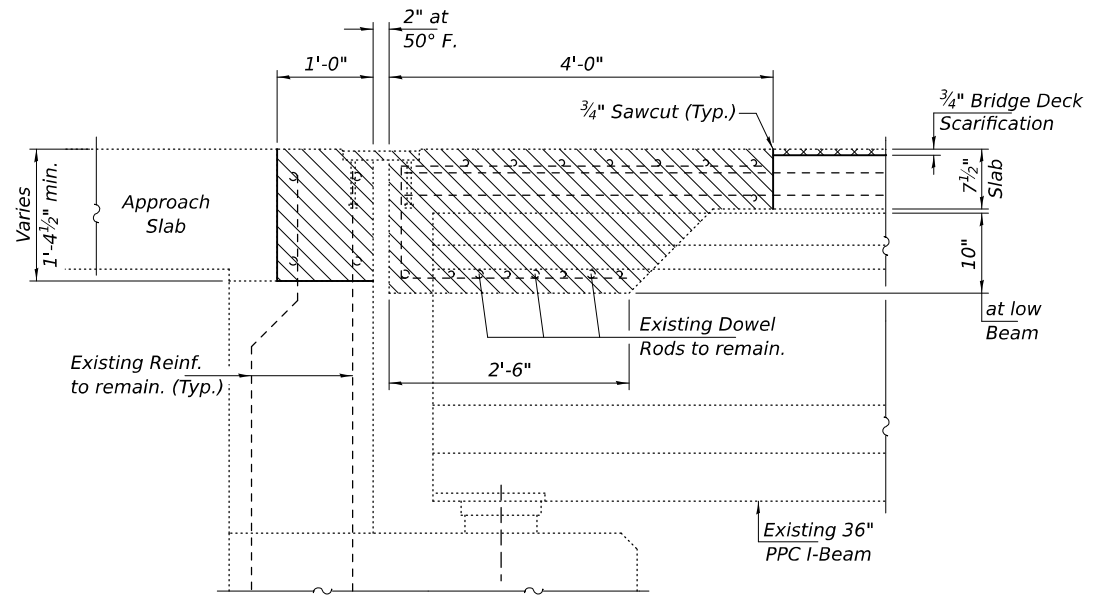
SHEET 2 OF 15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	74
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: 72286-075
FILE NAME: pw:///idiot-pw.bentley.com:FWIDOT/Documents/IDOT O ces/Bureau of Bridges and Structures/OBM Projects/0750124/CADDData/Structures/0750124.dgn



CONCRETE REMOVAL PLAN
W. Abut. shown; E. Abut. similar by rotation.



SECTION A-A
Dims. at Rt. L's.

Notes:
Hatched areas indicate Concrete Removal.
For Bill of Material, see sheet 4 of 15.
For Parapet Details, see sheet 7 of 15.

DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED	 ENGINEER OF STRUCTURAL SERVICES
PASSED	 ENGINEER OF BRIDGES AND STRUCTURES

DATE -	AUGUST 14, 2025
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

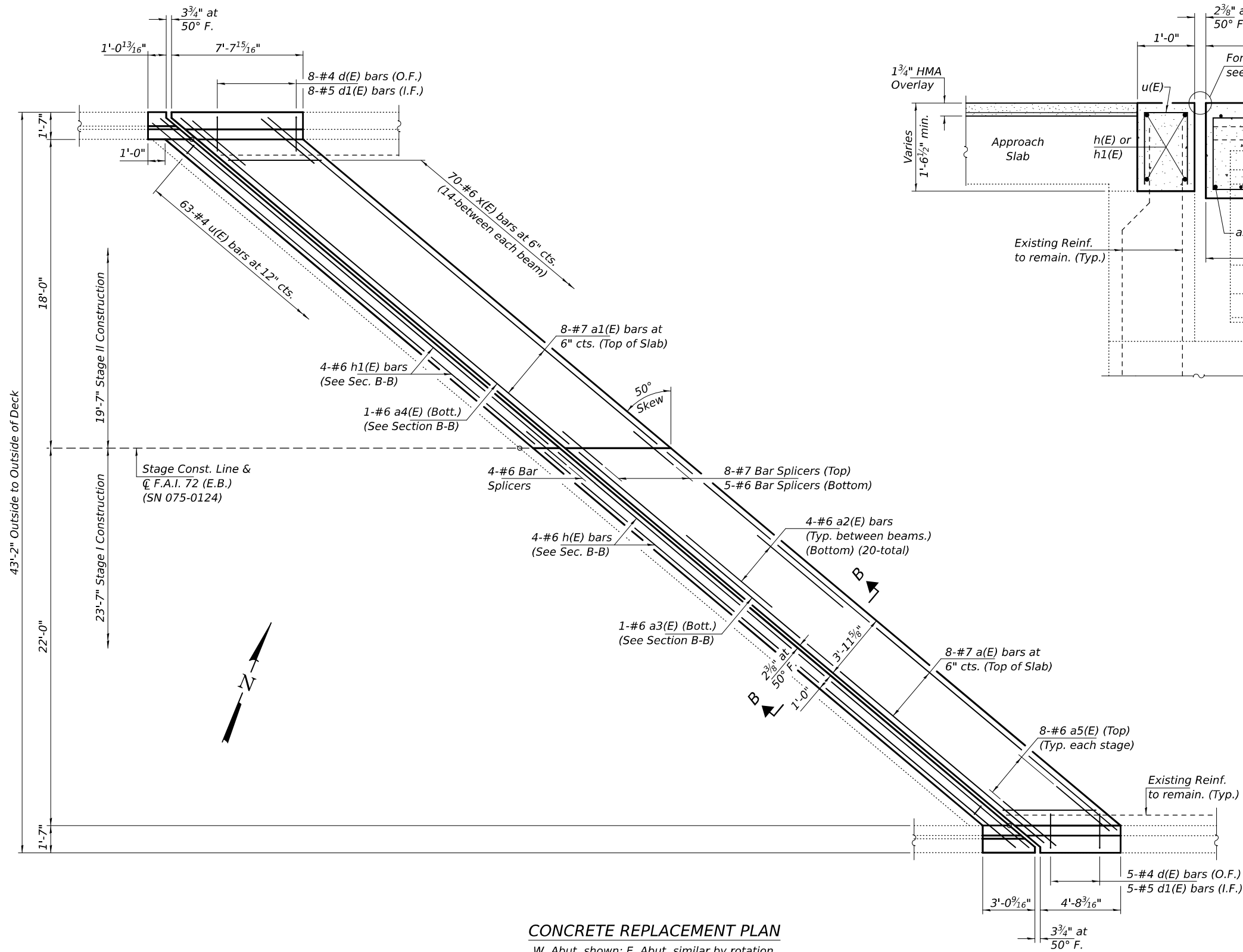
JOINT REMOVAL DETAILS
SN 075-0124 (E.B.)

SHEET 3 OF 15 SHEETS

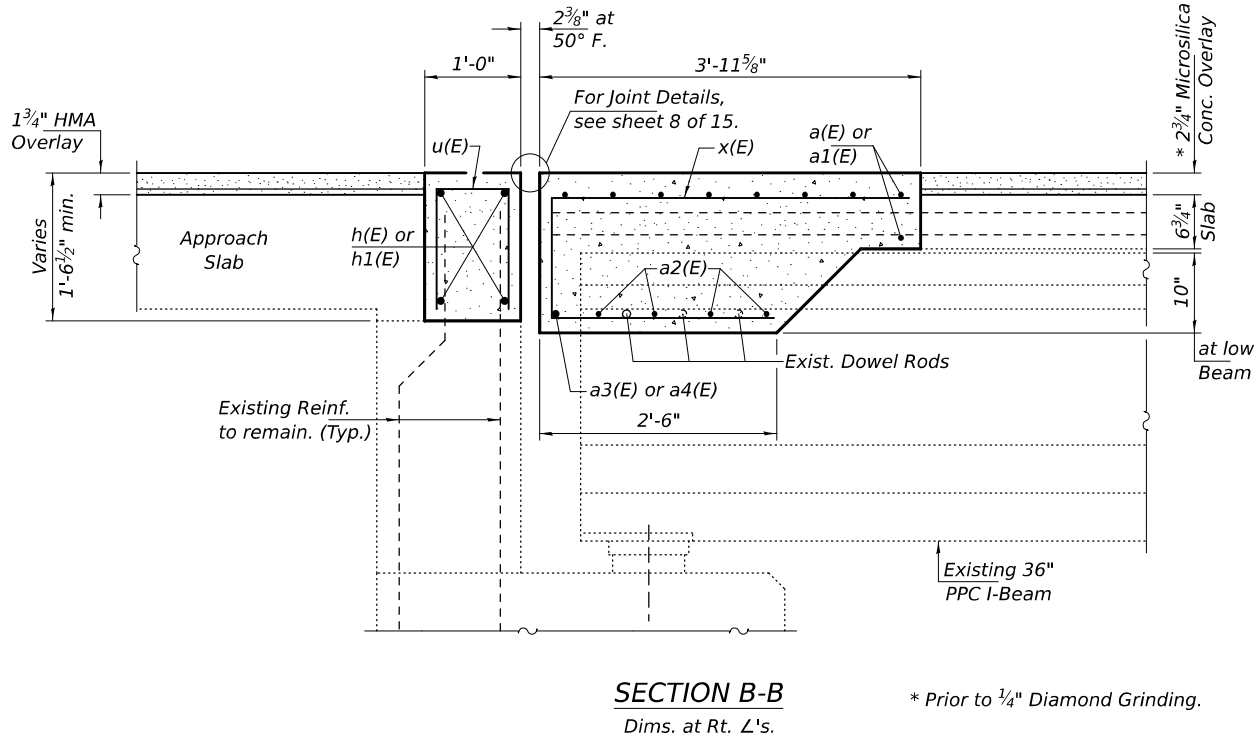
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	75
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

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MODEL: 72286-076
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CONCRETE REPLACEMENT PLAN
W. Abut. shown; E. Abut. similar by rotation.



* Prior to 1/4" Diamond Grinding.

Notes:
For Parapet Details & Bar Bending
Diagrams, see sheet 7 of 15.

BILL OF MATERIAL (075-0124 E.B.)

Bar	No.	Size	Length	Shape
a(E)	16	#7	36'-0"	—
a1(E)	16	#7	29'-10"	—
a2(E)	40	#6	10'-4"	—
a3(E)	2	#6	36'-0"	—
a4(E)	2	#6	29'-10"	—
a5(E)	32	#6	4'-0"	—
d(E)	26	#4	5'-2"	L
d1(E)	26	#5	3'-11"	└
h(E)	8	#6	36'-0"	—
h1(E)	8	#6	29'-10"	—
u(E)	126	#4	2'-8"	□
x(E)	140	#6	7'-6"	└
Concrete Removal			Cu. Yd.	36
Concrete Superstructure			Cu. Yd.	36
Bar Splicers			Each	34
Reinforcement Bars, Epoxy Coated			Pound	5950

Bars indicated thus 1 x 2-#5 etc. indicates
1 line of bars with 2 lengths per line.

DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

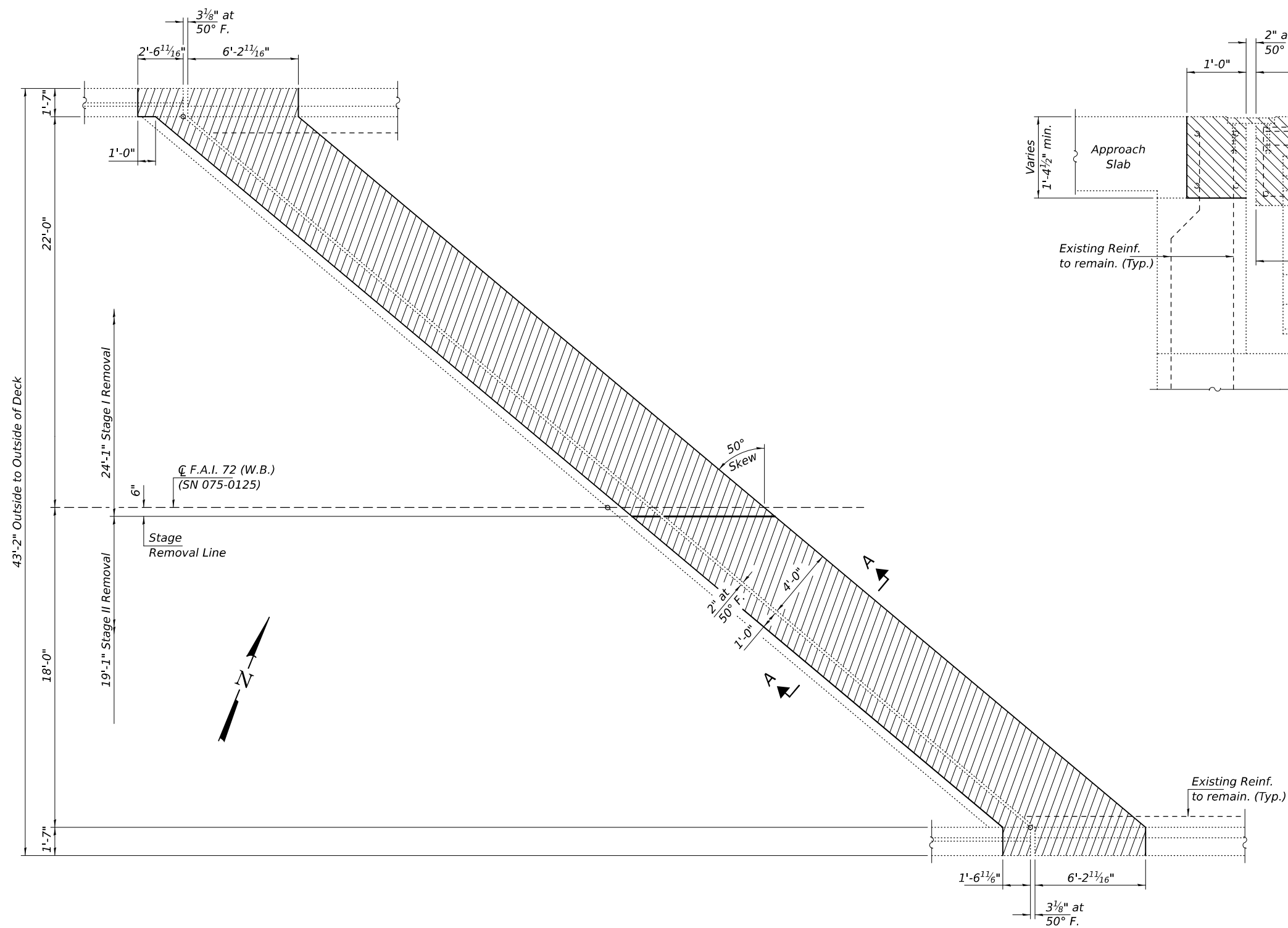
EXAMINED	ENGINEER OF STRUCTURAL SERVICES	DATE -	AUGUST 14, 2025
PASSED	Joanne F. [Signature]	REVISED -	
	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

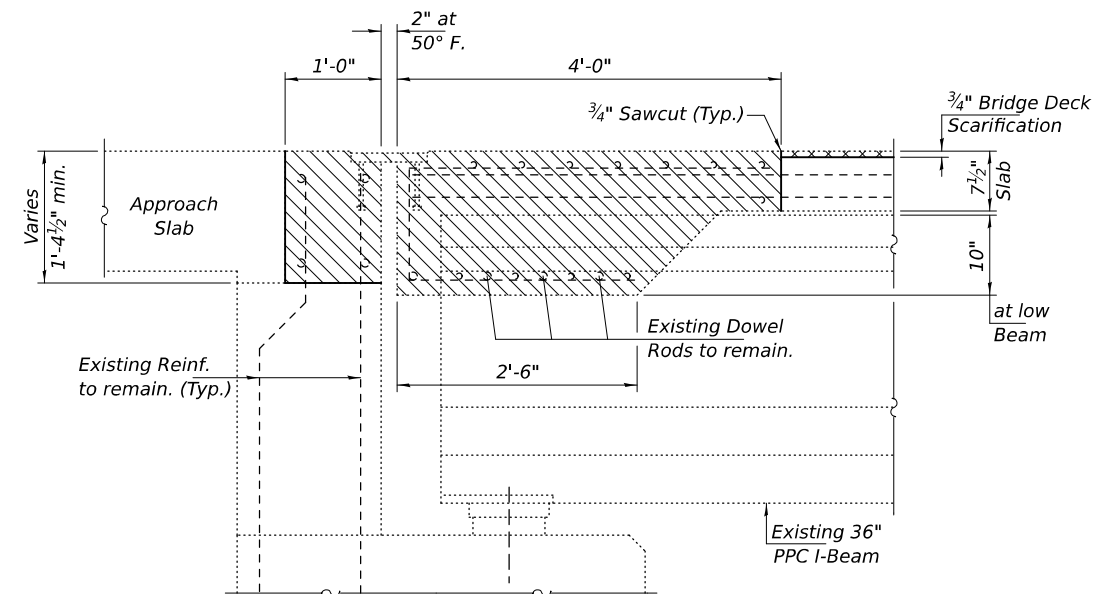
JOINT REPLACEMENT DETAILS
SN 075-0124 (E.B.)

SHEET 4 OF 15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR.BP	PIKE	90	76
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				



SECTION A-A
Dims. at Rt. $\angle$'s.

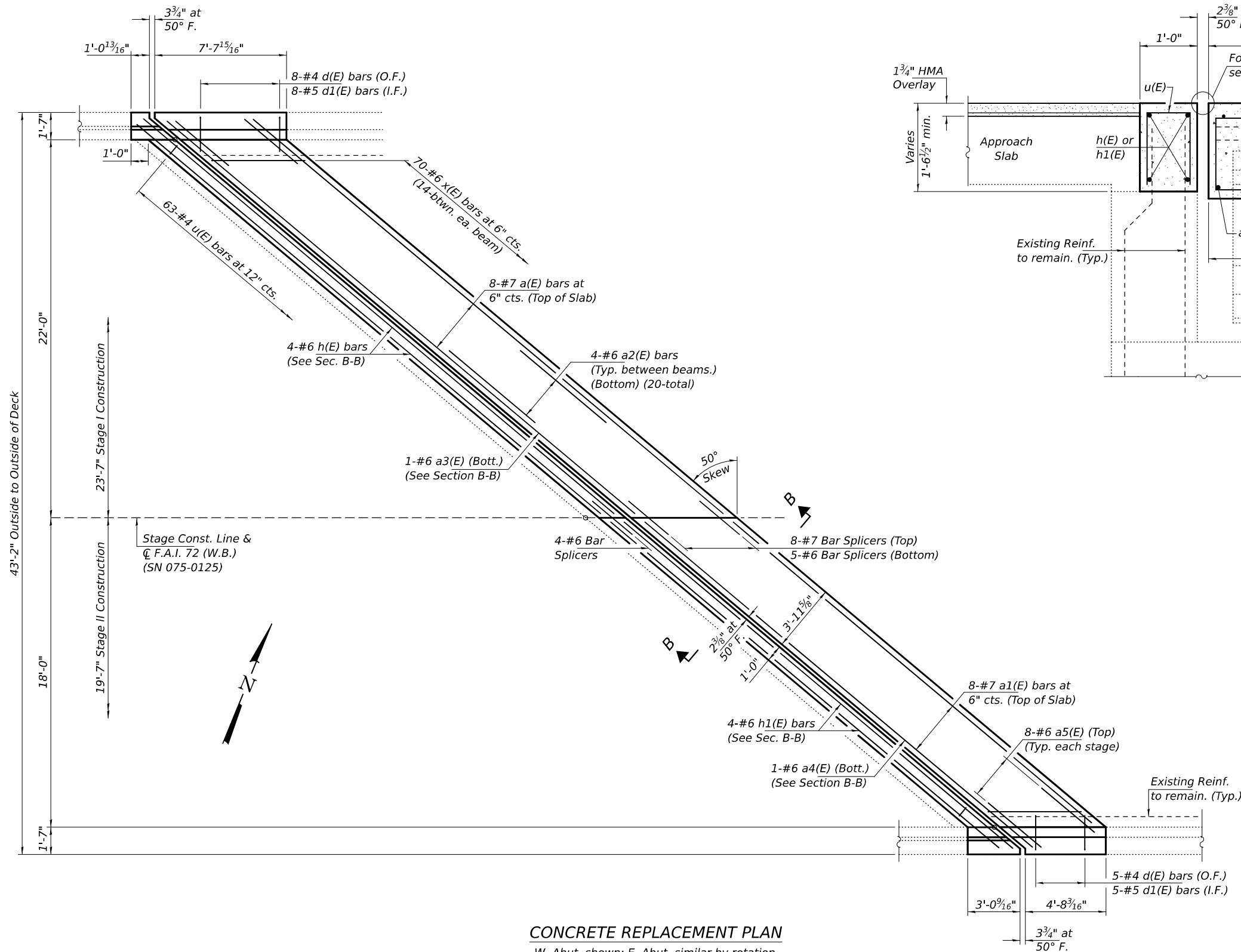


Notes:
Hatched areas indicate Concrete Removal.
For Bill of Material, see sheet 6 of 15.
For Parapet Details, see sheet 7 of 15.

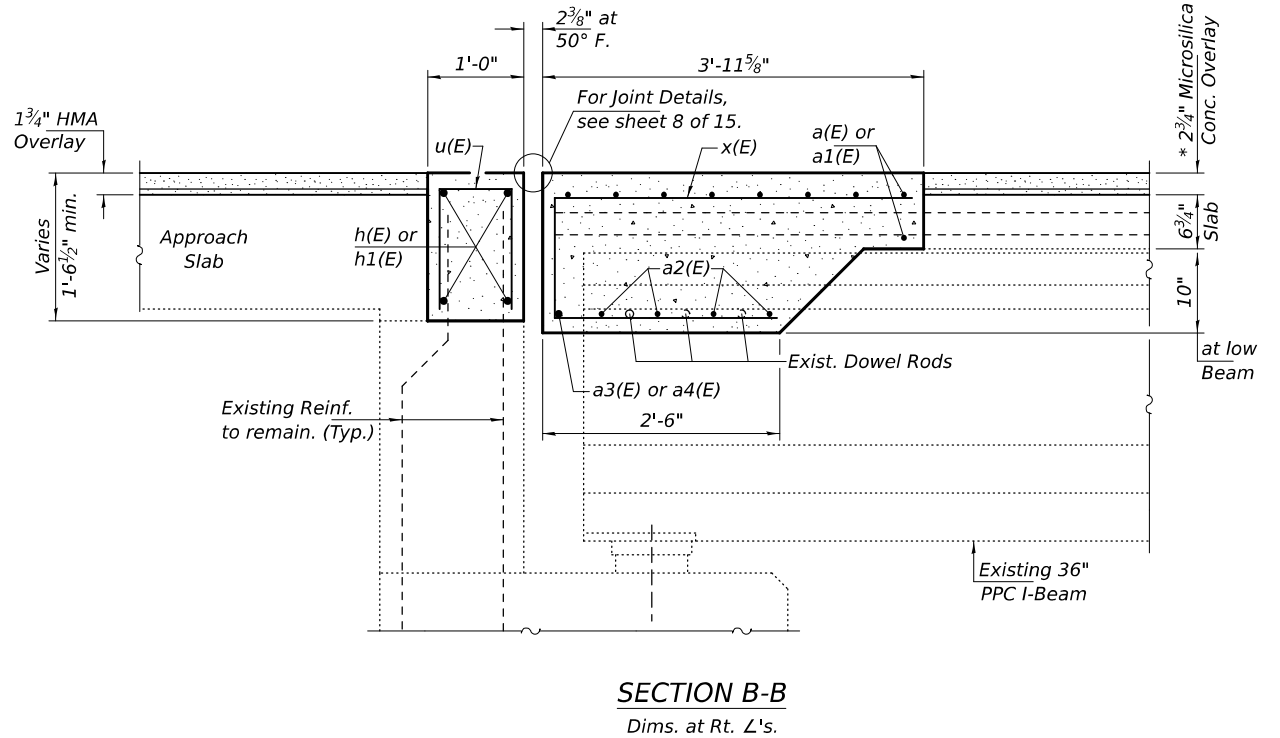
DESIGNED - TP	EXAMINED		DATE - AUGUST 14, 2025	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINT REMOVAL DETAILS SN 075-0125 (W.B.)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - CCC	PASSED	ENGINEER OF STRUCTURAL SERVICES	REVISED -			72	(75-2)BDR.BP	PIKE	90	77
DRAWN - STEFFEN		 ENGINEER OF BRIDGES AND STRUCTURES	REVISED -			CONTRACT NO. 72286				
CHECKED - TP CCC			SHEET 5 OF 15 SHEETS							
						ILLINOIS	FED. AID PROJECT			

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MODEL: 72286-078
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CONCRETE REPLACEMENT PLAN
W. Abut. shown; E. Abut. similar by rotation.



* Prior to 1/4" Diamond Grinding.

Notes:
For Parapet Details & Bar Bending
Diagrams, see sheet 7 of 15.

BILL OF MATERIAL (075-0125 W.B.)

Bar	No.	Size	Length	Shape
a(E)	16	#7	36'-0"	—
a1(E)	16	#7	29'-10"	—
a2(E)	40	#6	10'-4"	—
a3(E)	2	#6	36'-0"	—
a4(E)	2	#6	29'-10"	—
a5(E)	32	#6	4'-0"	—
d(E)	26	#4	5'-2"	L
d1(E)	26	#5	3'-11"	└
h(E)	8	#6	36'-0"	—
h1(E)	8	#6	29'-10"	—
u(E)	126	#4	2'-8"	□
x(E)	140	#6	7'-6"	└
Concrete Removal			Cu. Yd.	36
Concrete Superstructure			Cu. Yd.	36
Bar Splicers			Each	34
Reinforcement Bars, Epoxy Coated			Pound	5950

Bars indicated thus 1 x 2-#5 etc. indicates
1 line of bars with 2 lengths per line.

DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED	ENGINEER OF STRUCTURAL SERVICES
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

DATE -	AUGUST 14, 2025
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

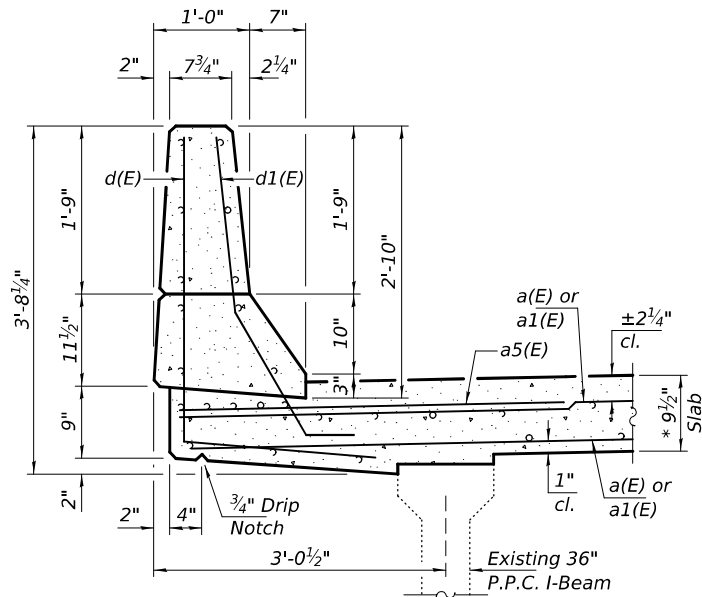
JOINT REPLACEMENT DETAILS
SN 075-0125 (W.B.)

SHEET 6 OF 15 SHEETS

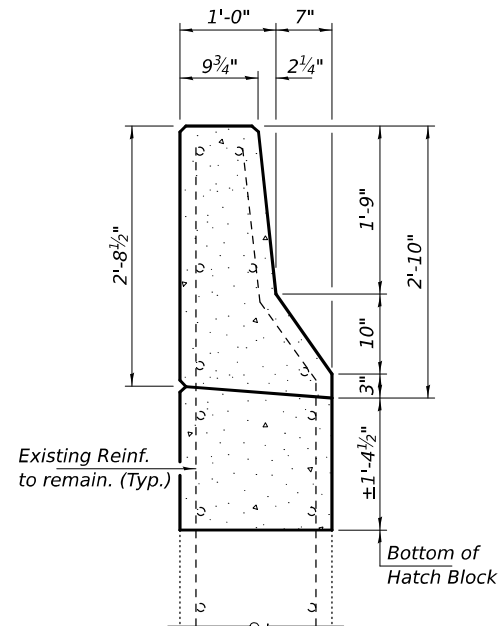
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR.BP	PIKE	90	78
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

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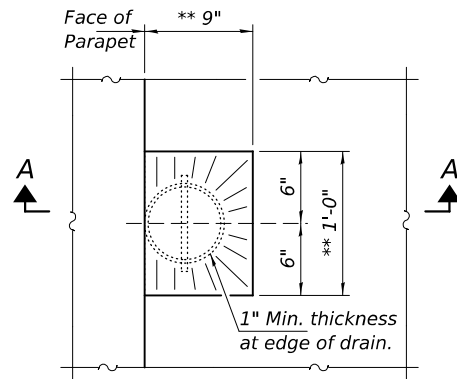
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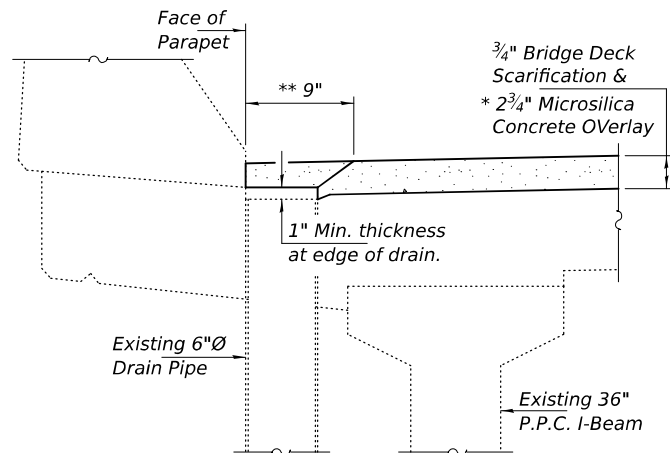
BRIDGE PARAPET DETAILS



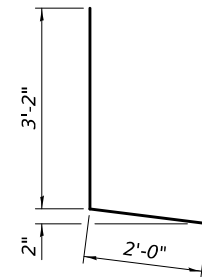
APPROACH PARAPET DETAILS



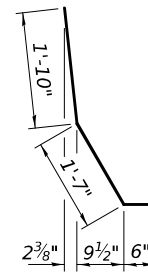
OVERLAY TREATMENT AT DRAIN DETAIL



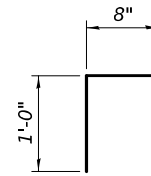
SECTION A-A



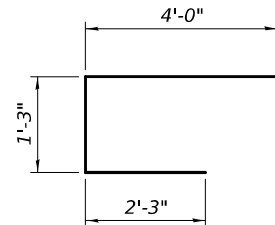
BAR d(E)



BAR d1(E)



BAR u(E)



BAR x(E)

* Prior to 1/4" Diamond Grinding.
** Sloped to drain.

DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED	ENGINEER OF STRUCTURAL SERVICES
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

DATE -	AUGUST 14, 2025
REVISED -	
REVISED -	

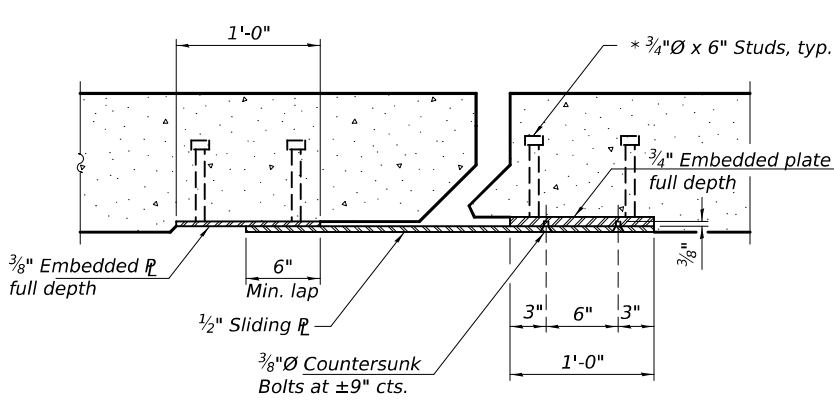
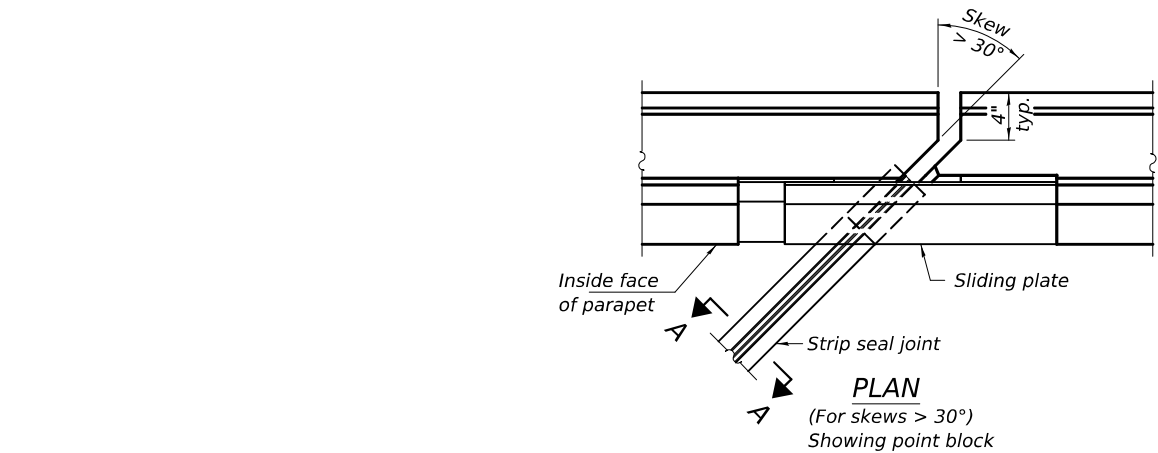
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REPAIR DETAILS
SN 075-0124 (E.B.) & -0125 (W.B.)

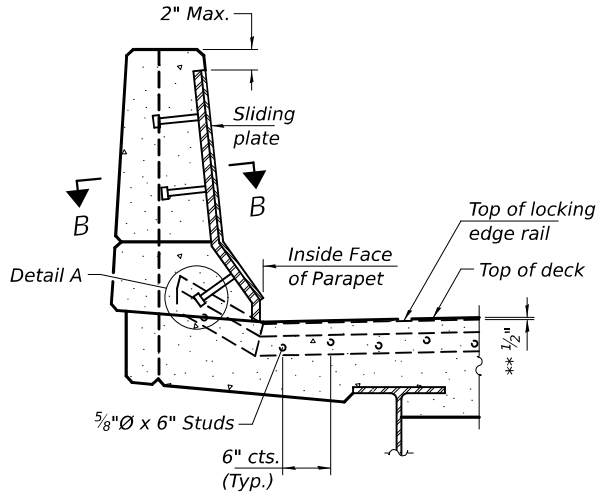
SHEET 7 OF 15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	79
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

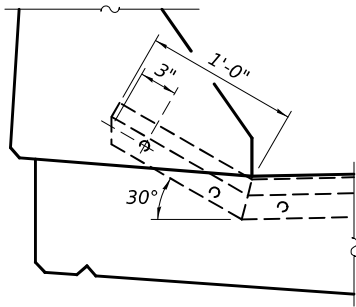
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8/14/2025 4:12:09 PM



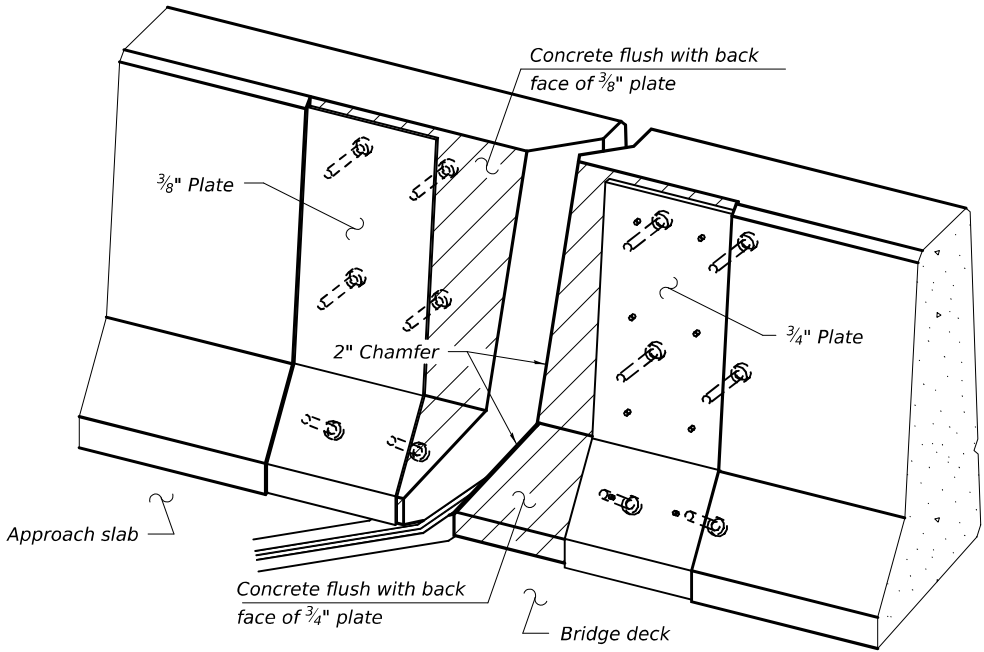
SECTION B-B



SECTION AT PARAPET

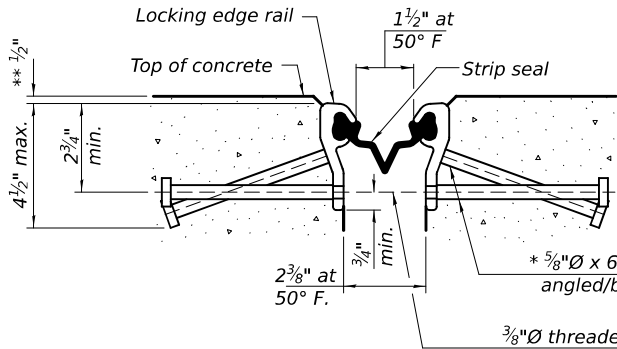


DETAIL A

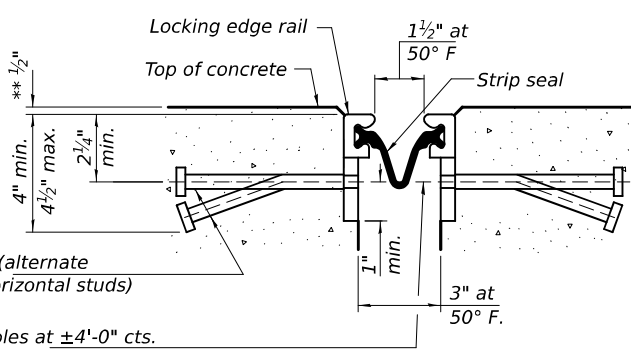


TRIMETRIC VIEW
(Showing back plates only)

** Prior to 1/4" Diamond Grinding.



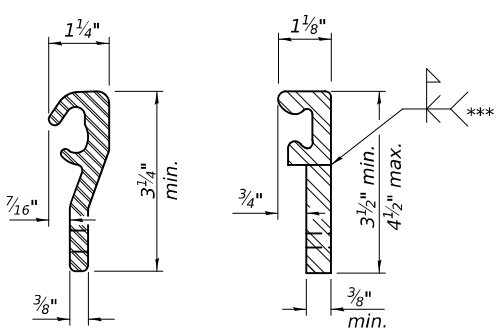
SHOWING ROLLED RAIL JOINT



SHOWING WELDED RAIL JOINT

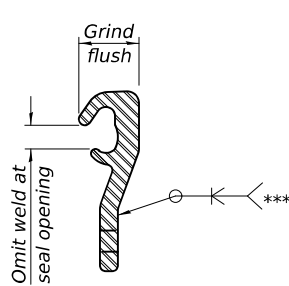
SECTION A-A

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



LOCKING EDGE RAILS

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



LOCKING EDGE RAIL SPLICE

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

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	258

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL DETAILS
SN 075-0124 (E.B.) & -0125 (W.B.)

SHEET 8 OF 15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR.BP	PIKE	90	80
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: 72286-081
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BSD-1

5-15-2023

DESIGNED	-	TP
CHECKED	-	CCC
DRAWN	-	STEFFEN
CHECKED	-	TP CCC

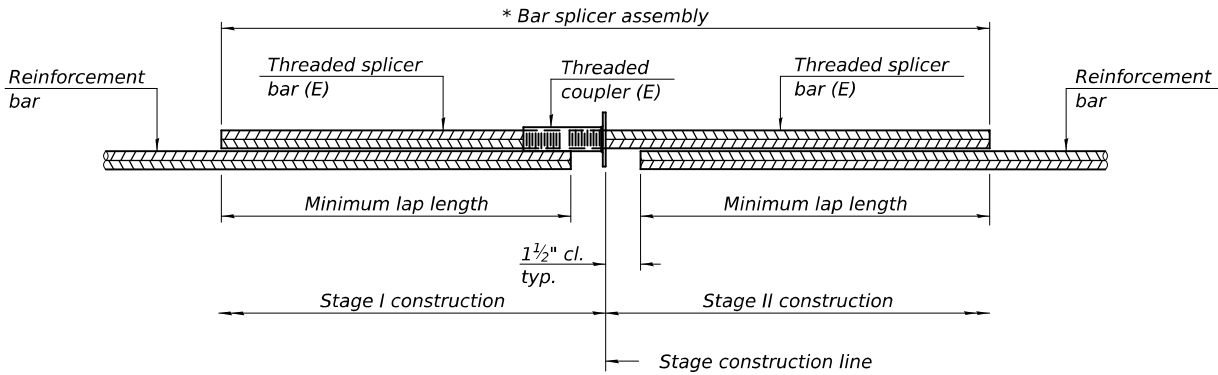
EXAMINED		DATE	-	AUGUST 14, 2025
PASSED	ENGINEER OF BRIDGES AND STRUCTURES	REVISED	-	
		REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
SN 075-0124 (E.B) & -0125 (W.B.)

SHEET 9 OF 15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	81
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				



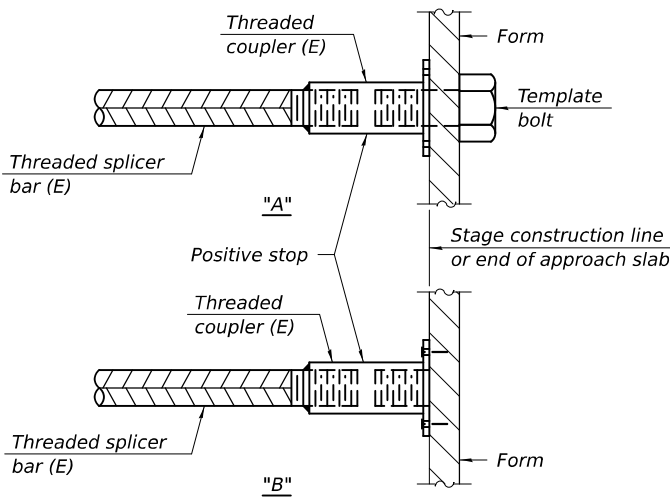
STANDARD BAR SPLICER ASSEMBLY PLAN

Only bar splicer assemblies as presented on the approved QPL list may be used.

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Deck (W.B.)	#7	16	6'-3"
Deck (E.B.)	#7	16	6'-3"
Deck (W.B.)	#6	10	4'-10"
Deck (E.B.)	#6	10	4'-10"
Abutment (W.B.)	#6	8	4'-0"
Abutment (E.B.)	#6	8	4'-0"

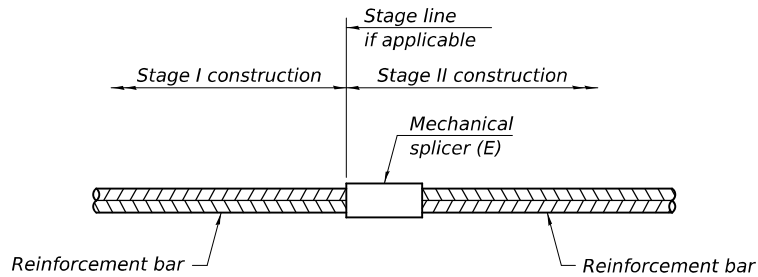


INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.

"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

Notes:

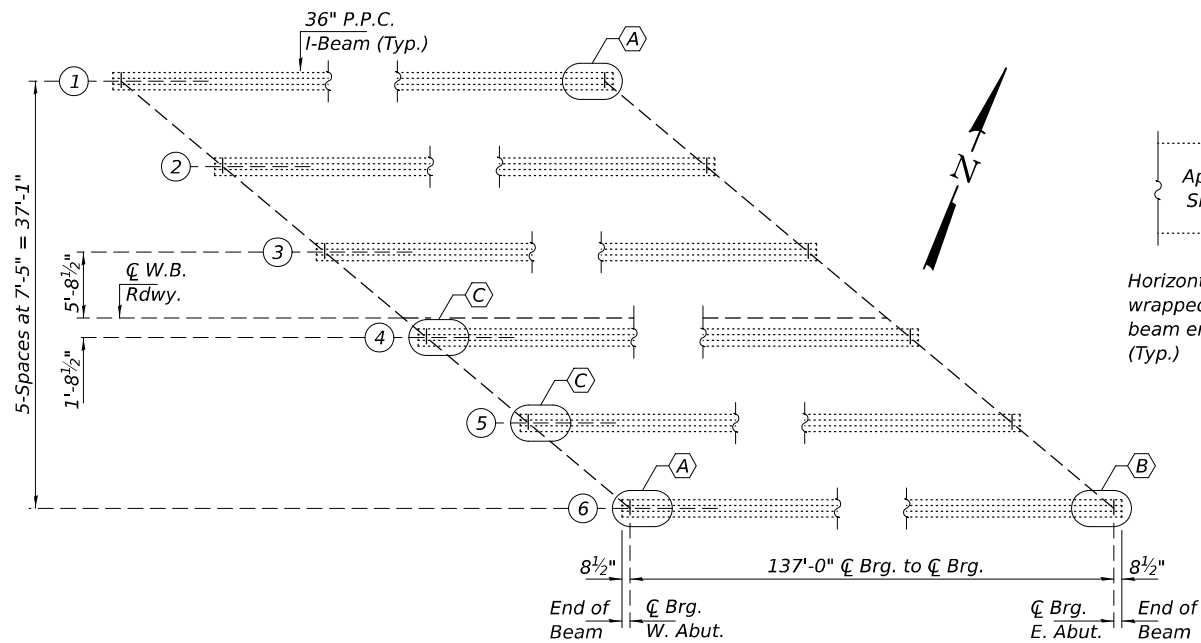
Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars.

Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.

See approved list of bar splicer assemblies and mechanical splicers for alternatives.

MODEL: 72286-083
FILE NAME: pw:///idiot-pw.bentley.com:FWIDOT/Documents/IDOT O ces/Bureau of Bridges and Structures/0750124/CADDData/Structures/0750124.dgn
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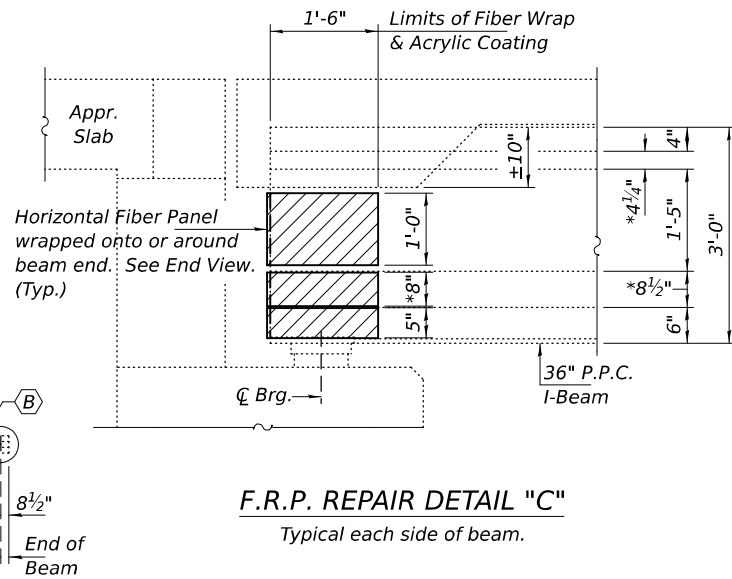


PARTIAL FRAMING PLAN (SN 075-0125 W.B.)

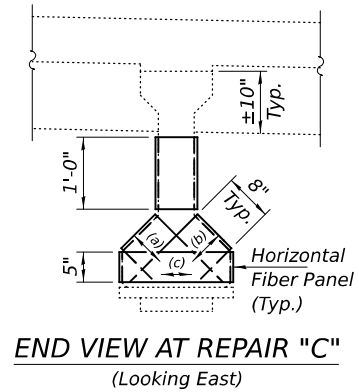
- (A) - F.R.P. Repair Detail "A" (2-Locations)
(B) - F.R.P. Repair Detail "B" (1-Location)
(C) - F.R.P. Repair Detail "C" (2-Locations)

* Along sloped flange.

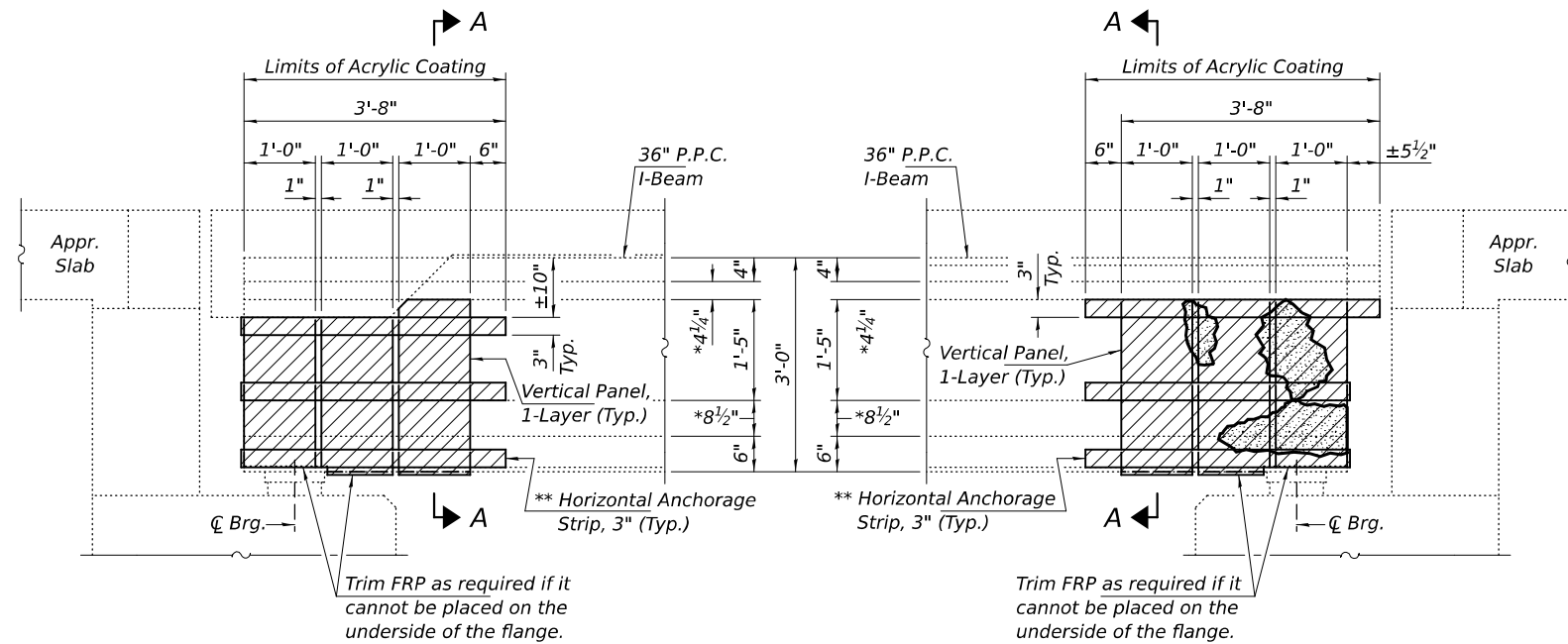
** Horizontal Anchorage Strips to extend 6" beyond end of beam and wrap onto beam end.



F.R.P. REPAIR DETAIL "C"
Typical each side of beam.



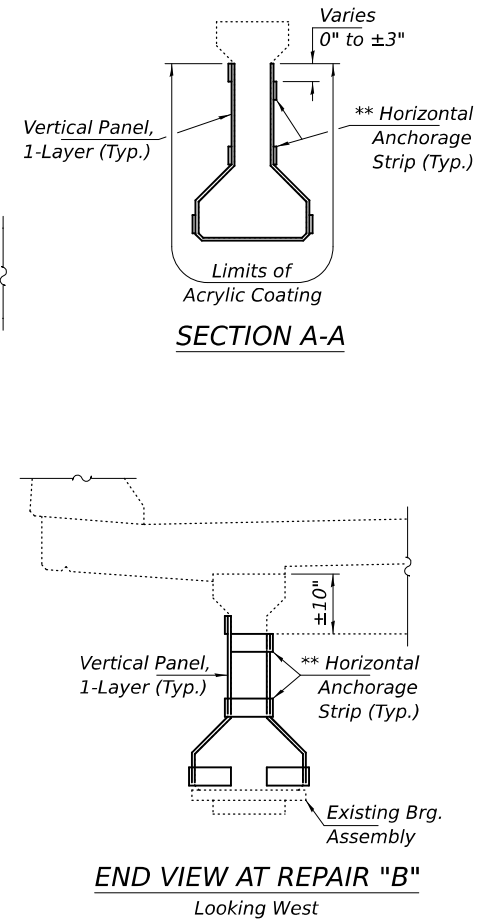
Note:
Place FRP in the following order (a), (b) and (c).



INTERIOR FACE

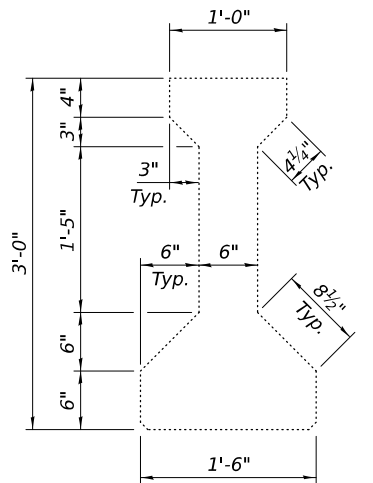
EXTERIOR FACE

F.R.P. REPAIR DETAIL "B"
(Beam 6 at East Abutment.)



NOTES

For F.R.P. Repair "A" Details, see sheet 10 of 15.
The existing concrete surface shall be cleaned and prepared in accordance with the Special Provisions.
Acrylic Coating shall be placed over the fiber wrap repairs. Two coats shall be applied.
See Special Provisions for "FRP Strengthening for PPC I-Beam Repairs".



BEAM DIMENSIONS
For Information Only.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
P.P.C. I-Beam Repair	Sq. Ft.	11.6
Fiber Wrap	Sq. Ft.	61
Acrylic Coating	Sq. Yd.	7

DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED	ENGINEER OF STRUCTURAL SERVICES
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

DATE -	AUGUST 14, 2025
REVISED -	
REVISED -	

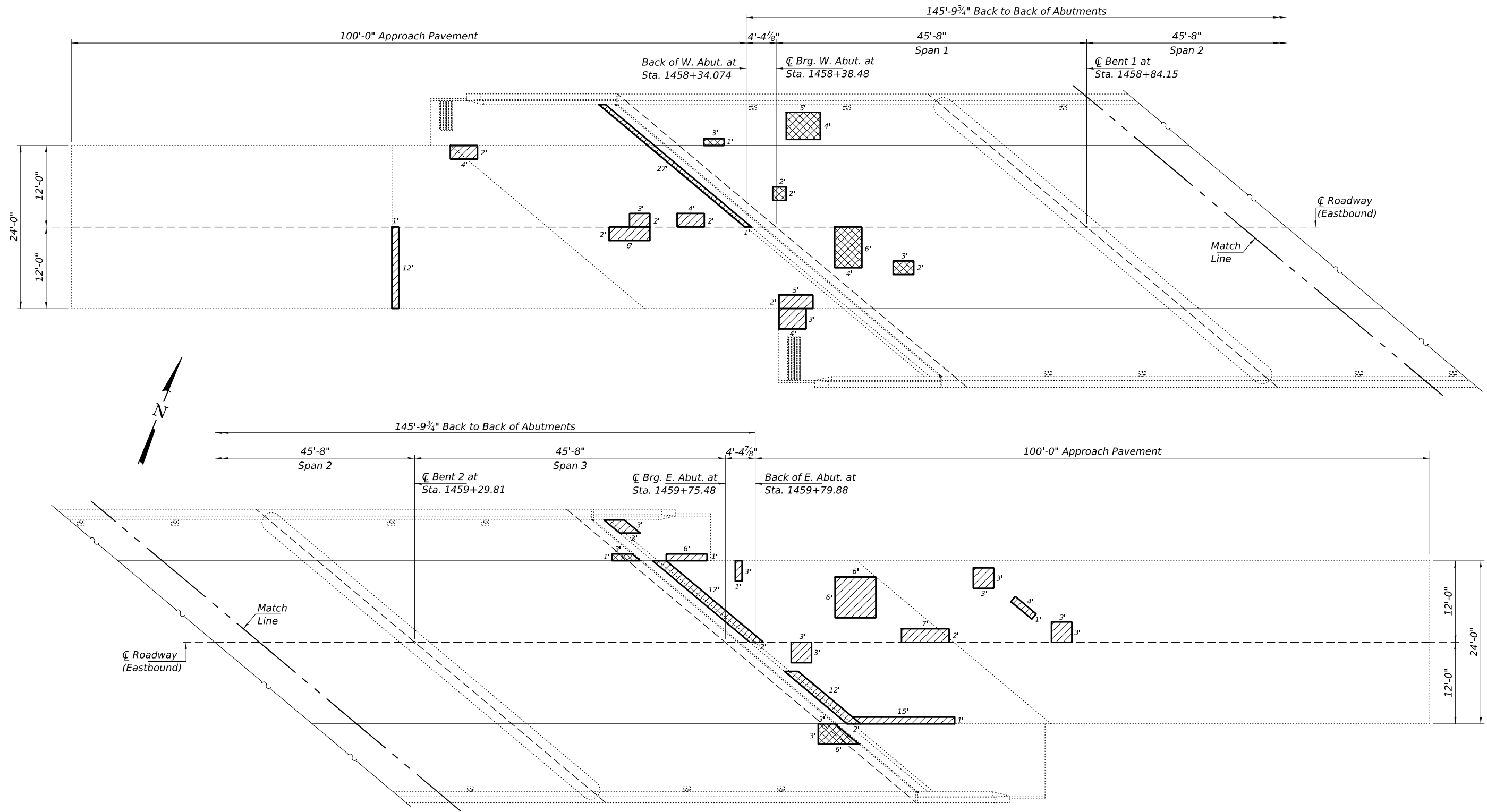
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

P.P.C. I-BEAM F.R.P. REPAIR DETAILS
SN 075-0125 (W.B.)

SHEET 11 OF 15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	83
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: 72286-084
FILE NAME: pw:///idiot-pw.bentley.com:FWIDOT/Documents/IDOT O ces/Bureau of Bridges and Structures/0750124/CADDData/Structures/0750124.dgn



DECK PATCHING PLAN - SN 075-0124 (E.B.)

- Approach Slab Repair (Partial Depth)
- Deck Slab Repair (Partial Depth)

Notes:
Areas of Deck Slab Repair (Partial Depth) are estimated and shown for information only. Cost shall be included with Bridge Deck Microsilica Concrete Overlay as per the special provision.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Approach Slab Repair (Partial Depth)	Sq. Yd.	28.6

DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED		DATE -	AUGUST 14, 2025
PASSED	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -	
		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

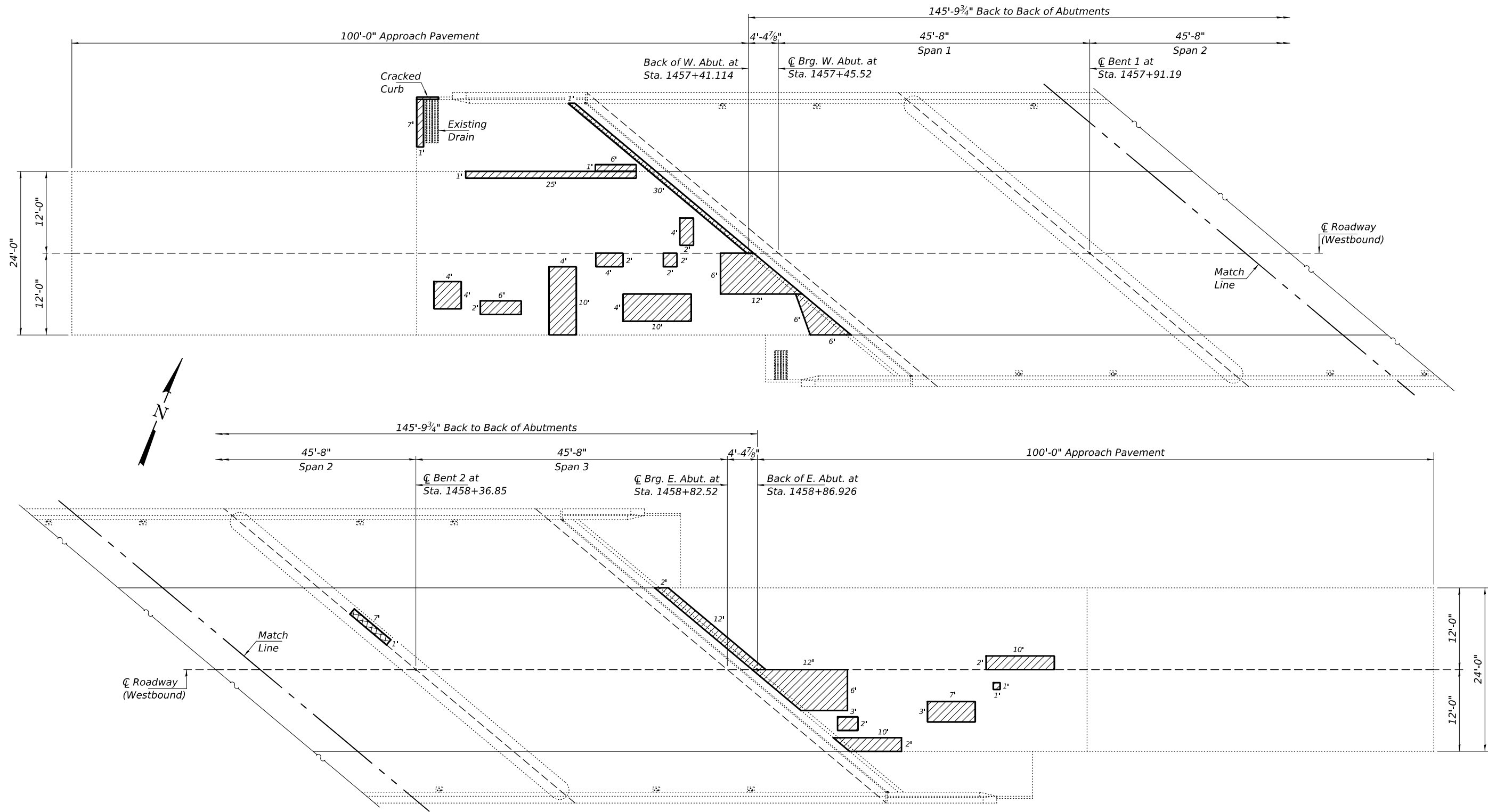
BRIDGE DECK & APPROACH PATCHING DETAILS
SN 075-0124 (E.B.)

SHEET 12 OF 15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	84
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

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MODEL: 72286-085
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DECK PATCHING PLAN - SN 075-0125 (W.B.)

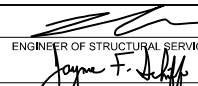
-  - Approach Slab Repair (Partial Depth)
-  - Deck Slab Repair (Partial Depth)

Notes:
Areas of Deck Slab Repair (Partial Depth) are estimated and shown for information only. Cost shall be included with Bridge Deck Microsilica Concrete Overlay as per the special provision.

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Approach Slab Repair (Partial Depth)	Sq. Yd.	50.6

DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED	
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

DATE -	AUGUST 14, 2025
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

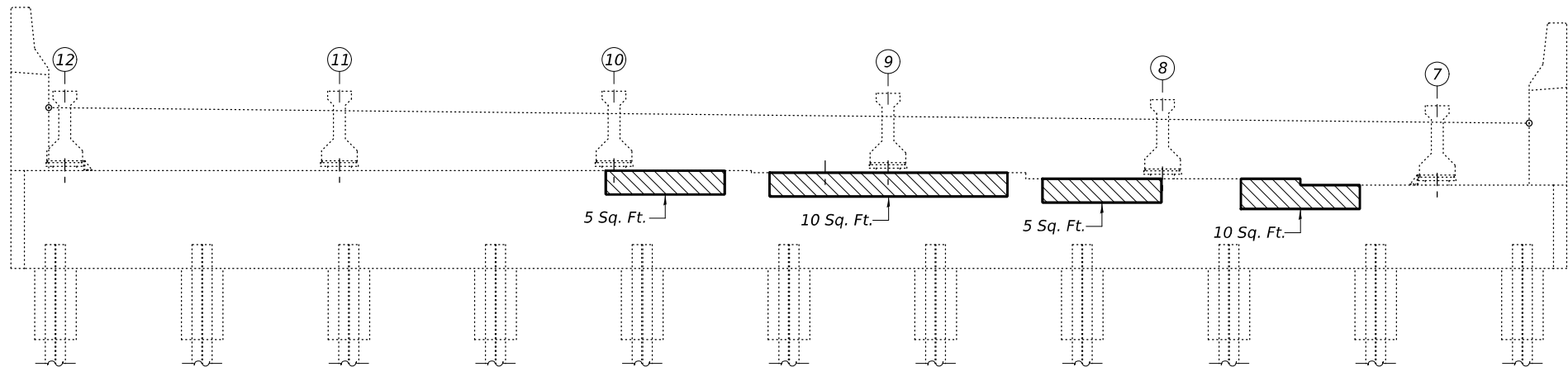
BRIDGE DECK & APPROACH PATCHING DETAILS
SN 075-0125 (W.B.)

SHEET 13 OF 15 SHEETS

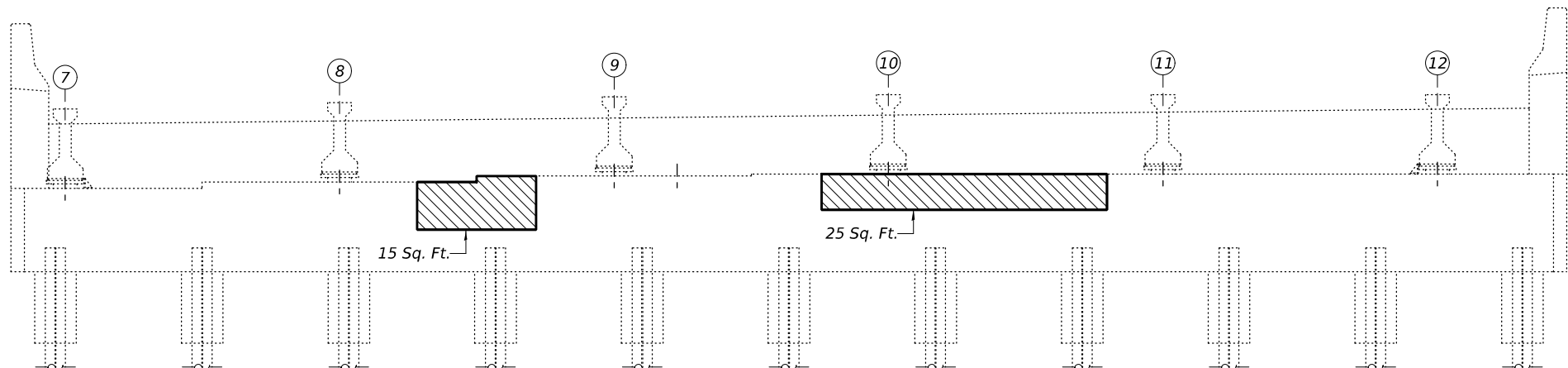
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	85
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

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WEST ABUTMENT ELEVATION - SN 075-0124 (E.B.)
(Looking West)



EAST ABUTMENT ELEVATION - SN 075-0124 (E.B.)
(Looking East)

Notes:
Areas of substructure repairs shown are estimated.
The Engineer shall show actual locations and
size of substructure repairs on As-built Plans.

 - Structural Repair of Concrete
(Depth Equal to or Less than 5 Inches)

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
* Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. Ft.	70.0

* Quantity is estimated. Location and size of patches to be
determined in the field by the Engineer.

DESIGNED - TP
CHECKED - CCC
DRAWN - STEFFEN
CHECKED - TP CCC

EXAMINED	 ENGINEER OF STRUCTURAL SERVICES
PASSED	 ENGINEER OF BRIDGES AND STRUCTURES

DATE - AUGUST 14, 2025
REVISED -
REVISED -

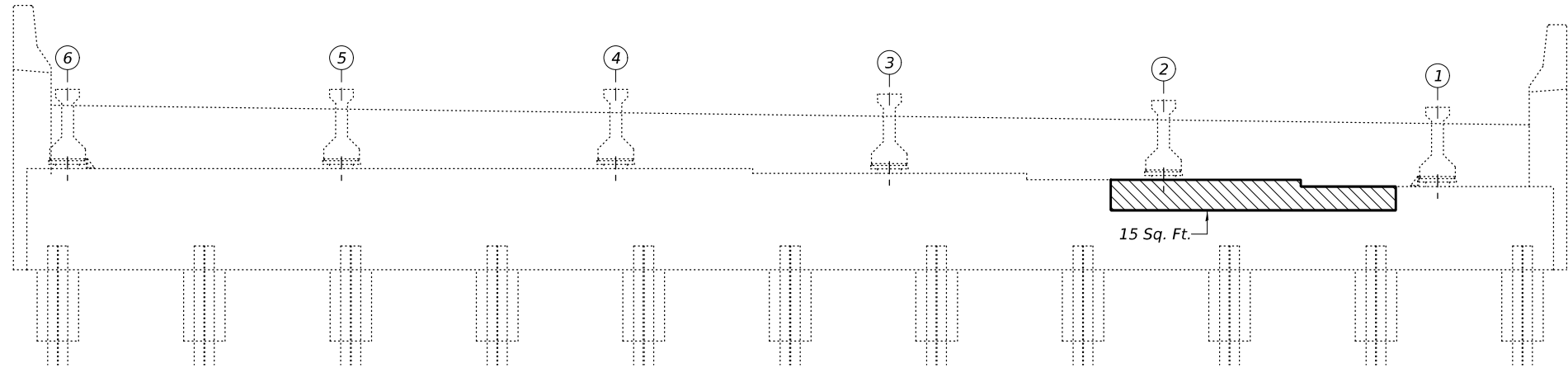
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE REPAIR DETAILS
SN 075-0124 (E.B.)

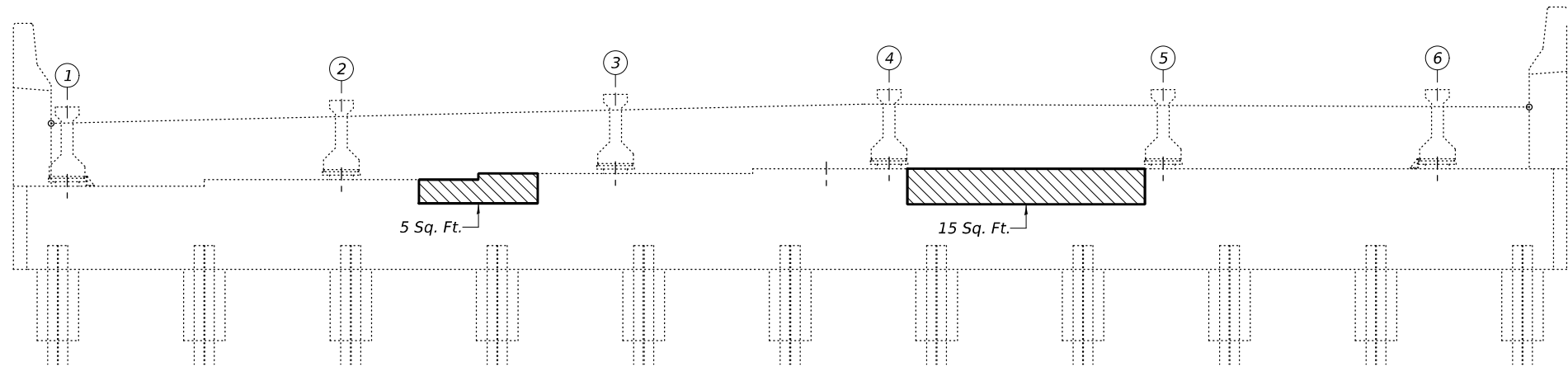
SHEET 14 OF 15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	86
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: 72286-087
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WEST ABUTMENT ELEVATION - SN 075-0125 (W.B.)
(Looking West)



EAST ABUTMENT ELEVATION - SN 075-0125 (W.B.)
(Looking East)

Notes:
Areas of substructure repairs shown are estimated.
The Engineer shall show actual locations and
size of substructure repairs on As-built Plans.

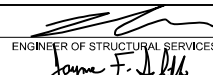
 - Structural Repair of Concrete
(Depth Equal to or Less than 5 Inches)

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
* Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. Ft.	35.0

* Quantity is estimated. Location and size of patches to be
determined in the field by the Engineer.

DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED	
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

DATE -	AUGUST 14, 2025
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE REPAIR DETAILS
SN 075-0125 (W.B.)

SHEET 15 OF 15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	87
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

MODEL: 72286-088
FILE NAME: pw:///idiot-pw.bentley.com:FWIDOT/Documents/IDOT O ces/Bureau of Bridges and Structures/0750094/CADDData/Structures/0750094.dgn



EXPIRES 11-30-2026

DESIGNED -	Tapasvi Patel
CHECKED -	Chi-Cheung Chau
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED		DATE -	AUGUST 14, 2025
PASSED		REVISED -	
	ENGINEER OF BRIDGES AND STRUCTURES	REVISED -	

DATE -	AUGUST 14, 2025
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
F.A.I. ROUTE 72 OVER TR 62
SN 075-0094 (E.B.) & -0095 (W.B.)

SHEET 1 OF 3 SHEETS

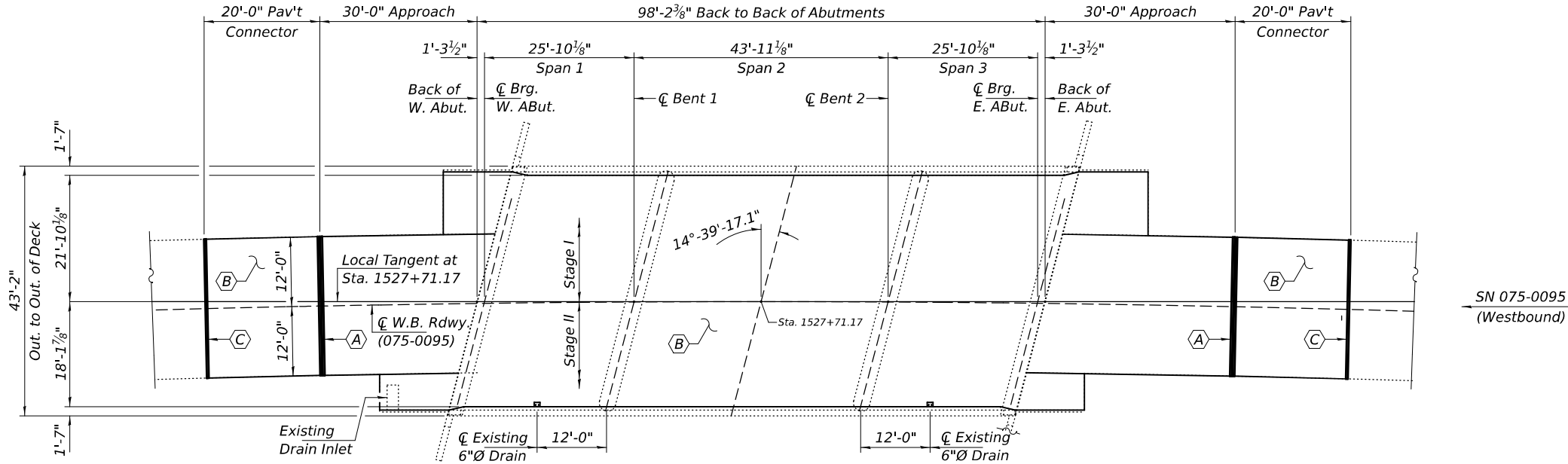
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR.BP	PIKE	90	88
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

Plan dimensions and details relative to the existing structure have been taken from existing plans and are subject to nominal construction variations. The Contractor 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.

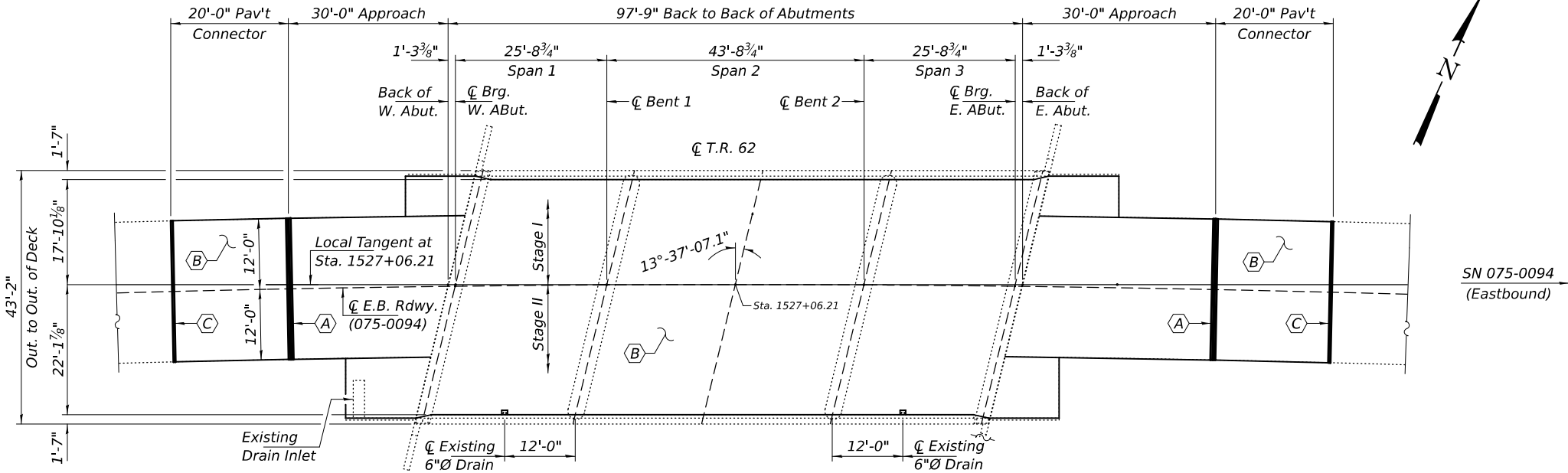
Joint openings shall be adjusted according to Article 520.04 of the Std. Specs. when the deck is poured at an ambient temperature other than 50° F.

ELEVATION



SN 075-0095
(Westbound)

PLAN



SN 075-0094
(Eastbound)

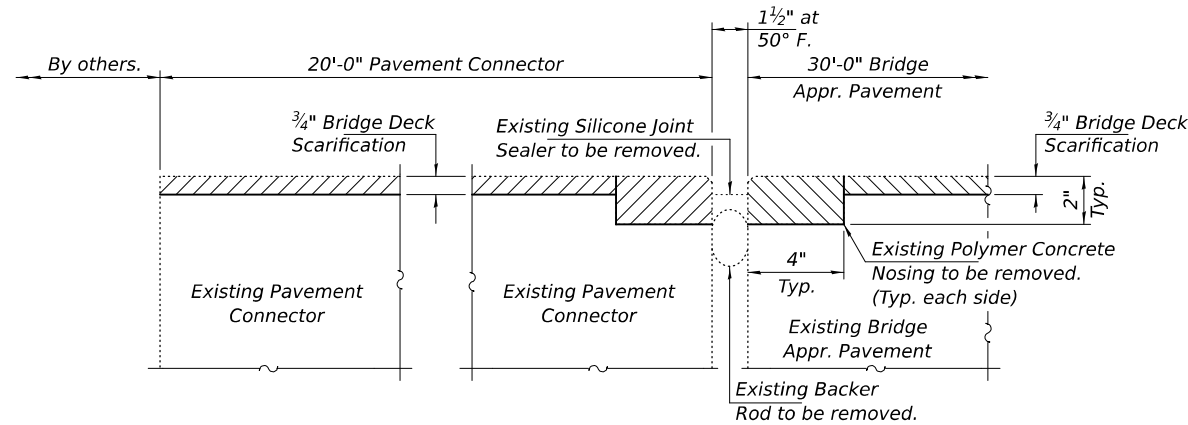
- Remove & Replace existing Polymer Concrete Nosing & Silicone Joint Sealer. (See sheet 3 of 3.)
- 3/4" Bridge Deck Scarification, 2 3/4" Microsilica Concrete Overlay, & 1/4" Diamond Grinding.
- Install Polymer Concrete Nosing.

TOTAL BILL OF MATERIAL

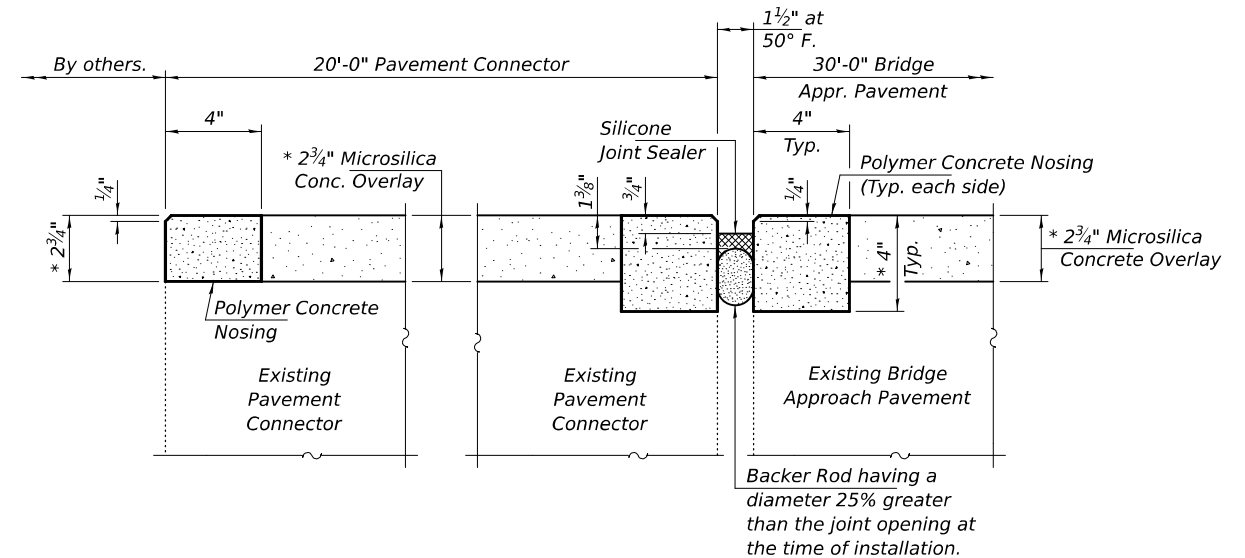
ITEM	UNIT	QUANTITY
Bridge Deck Scarification, 3/4"	Sq. Yd.	871
Bridge Deck Microsilica Concrete Overlay, 2 3/4"	Sq. Yd.	871
Diamond Grinding (Bridge Section)	Sq. Yd.	784
Polymer Concrete	Cu. Ft.	14.6
Silicone Joint Sealer	Foot	96
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	522.4
Protective Coat	Sq. Yd.	871
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	2

* Applied on new concrete only.

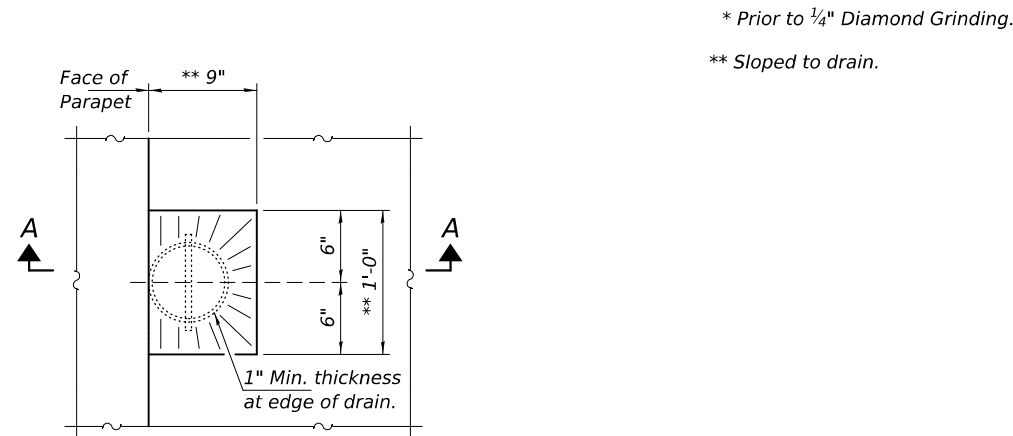
** Quantity is estimated. Location and size of patches to be determined in the field by the Engineer.



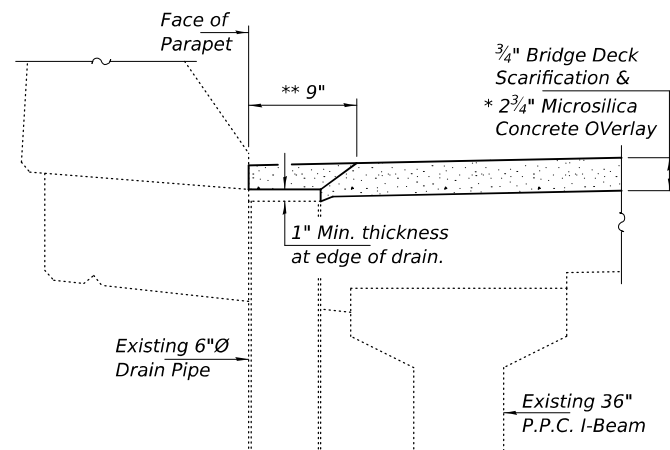
SILICONE JOINT SEALER REMOVAL



SILICONE JOINT SEALER REPLACEMENT



OVERLAY TREATMENT AT DRAIN DETAIL



DRAFT

SECTION A-A

MODEL: 72286-090
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DESIGNED -	TP
CHECKED -	CCC
DRAWN -	STEFFEN
CHECKED -	TP CCC

EXAMINED	ENGINEER OF STRUCTURAL SERVICES
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

DATE -	AUGUST 14, 2025
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REPAIR DETAILS
SN 075-0094 (E.B.) & -0095 (W.B.)**

SHEET 3 OF 3 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(75-2)BDR,BP	PIKE	90	90
CONTRACT NO. 72286				
ILLINOIS FED. AID PROJECT				