

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	1
		ILLINOIS	CONTRACT NO. 64S04	

INDEX OF SHEETS

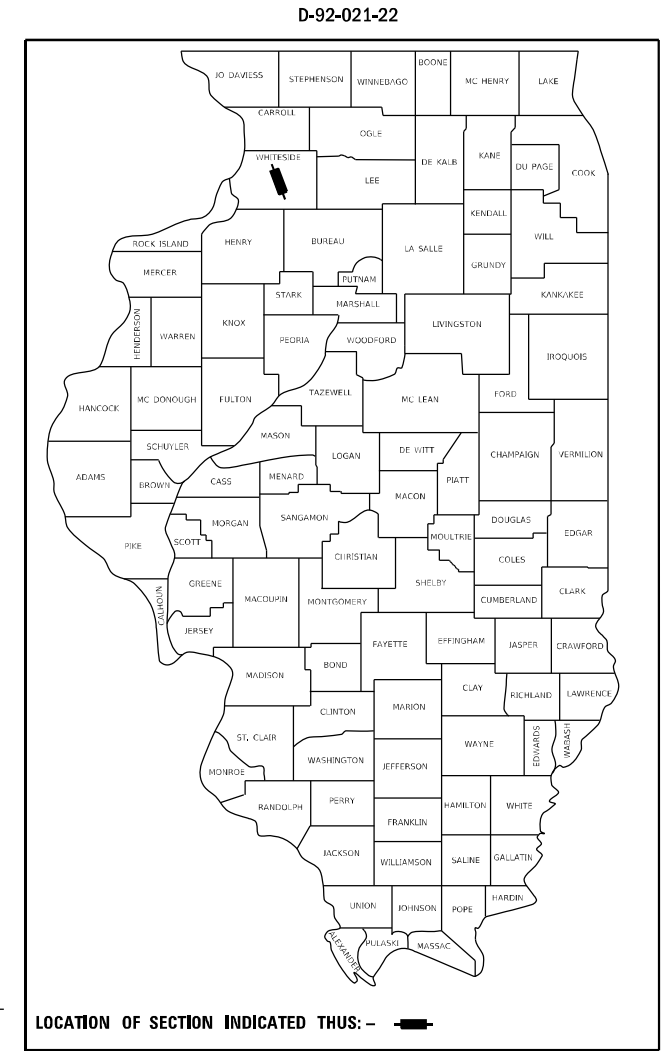
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- 2 GENERAL NOTES
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- 27-29 TYPICAL PAVEMENT MARKINGS (41.1)
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- 31 GENERAL DETAILS

HIGHWAY STANDARDS

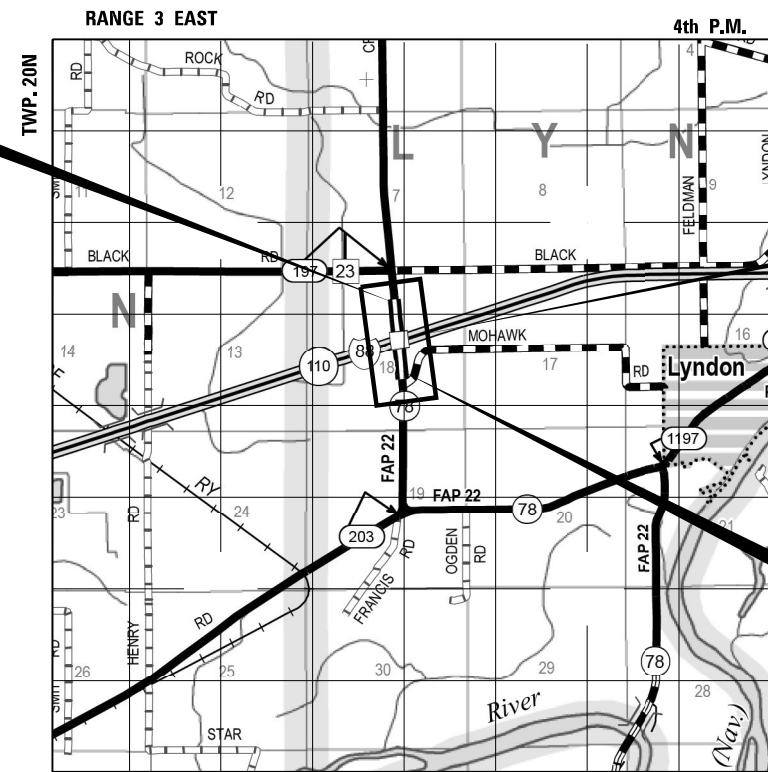
- 000001-08 STANDARDS SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006-00 DECIMALS OF AN INCH AND OF A FOOT
- 482006-03 HMA SHOULDER ADJACENT TO RIGID PAVEMENT
- 606001-08 CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS 45MPH OR MORE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
- 701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS 45 MPH OR MORE
- 701331-05 LANE CLOSURE, 2L, 2W, WITH RUN-AROUND, FOR SPEEDS 45 MPH OR MORE
- 701400-11 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-13 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS 45 MPH OR MORE
- 701901-08 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

**PROPOSED
HIGHWAY PLANS**

**FAI ROUTE 88 (I-88)
SECTION (195-2HB)BJR
P-92-050-23
BRIDGE REPAIR OF STRUCTURE
CARRYING IL 78 OVER
INTERSTATE 88
WHITESIDE COUNTY
PROJECT NHPP-86LU(124)
C-92-123-22**

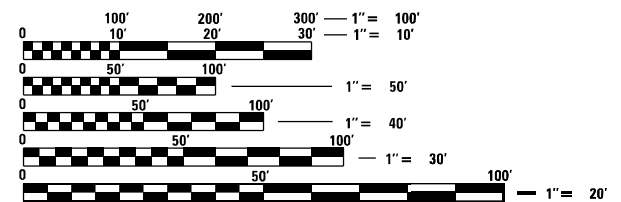


**IMPROVEMENTS BEGINS
Sta. 288 + 17.76
SECTION BEGINS
Sta. 288 + 17.76**



**BRIDGE REPAIRS
EXIST SN 098-0065**

**IMPROVEMENTS ENDS
Sta. 291 + 27.60
SECTION ENDS
Sta. 291 + 27.60**



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 EXCAVATORS
1-800-892-0123
OR 811**

**PROJECT ENGINEER ERIC J. LINDEMANN, P.E.
PROJECT MANAGER MAHMOUD ETEMADI, P.E.**

CONTRACT NO. 64S04



Eric J. Lindemann
ILLINOIS REG. PROFESSIONAL ENGINEER NO. 062-051170
EXPIRATION DATE 11-30-2023
SHEETS 1-13, 23-31



Moshe L. Cohen
Illinois Structural Engineer
No. 081-008104
License Expires: 11-30-2024
SHEETS 14-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 16, 2023

[Signature]
REGIONAL ENGINEER

May 12, 2023 *[Signature]*
ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2023 *[Signature]*
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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GENERAL NOTES

1. TO HELP AVOID EXCESS DROP OFFS AT THE EDGE OF PAVEMENT, AGGREGATE SHOULDER MATERIAL OF THE TYPE SPECIFIED IN HE PLANS SHALL BE PLACED PRIOR TO ANY BITUMINOUS MATERIAL. THE AGGREGATE MATERIAL SHALL BE PLACED FLUSH WITH THE EXISTING PAVEMENT OR AT THE ELEVATION OF ANY PROPOSED MILLING. AT NO TIME SHALL THE EDGE OF THE AGGREGATE MATERIAL BE HIGHER THAN THE EXISTING EDGE OF PAVEMENT. THIS WORK SHALL BE PAID FOR BY THE TON FOR AGGREGATE SHOULDERS OF THE TYPE SPECIFIED.
2. THE STRUCTURE WILL RETAIN THE SAME NUMBER, SN 0098-0065.
3. PAVEMENT MARKING SHALL BE DONE ACCORDING TO STANDARD 780001, EXCEPT AS FOLLOWS:
 - 1) ALL WORDS, SUCH AS ONLY, SHALL BE 8 FEET HIGH.
 - 2) ALL NON-FREEWAY ARROWS SHALL BE THE LARGE SIZE.
 - 3) THE DISTANCE BETWEEN YELLOW NO-PASSING LINES SHALL BE 8 INCHES, NOT 7 INCHES, AS SHOWN IN THE DETAIL OF TYPICAL LANE AND EDGE LINES.
 - 4) CENTERLINE SKIP DASH PAVEMENT MARKING ON MULTI-LANE DIVIDED, MULTI-LANE UNDIVIDED, AND ONE-WAY ROADWAY SHALL BE ACCORDING TO DISTRICT STANDARD 41.1.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123.
5. IDOT IS NOT A MEMBER OF JULIE. IF YOU ARE NEAR ANY OVERHEAD LIGHTING, INTERSECTION LIGHTING OR TRAFFIC SIGNALS, CONTACT THE IDOT TRAFFIC OFFICE AT 815/284-5469 AT LEAST 48 HOURS PRIOR TO WORK.
6. ALL PERMANENT CLEARANCES SHALL BE VERIFIED BEFORE PROJECT CLOSING.
7. A TOPOGRAPHIC SURVEY WAS NOT CONDUCTED FOR EXISTING FACILITIES AND PROPOSED DESIGN WORK SHOWN IN THE PLANS. ALIGNMENTS, DIMENSIONS, AND ELEVATIONS SHOWN ARE BASED ON EXISTING RECORD DRAWINGS. THE CONTRACTOR WILL VERIFY EXISTING DIMENSIONS IN THE FIELD PRIOR TO THE REMOVAL OF EXISTING BRIDGE AND ROAD ITEMS.

GENERAL NOTES - MAINTENANCE OF TRAFFIC

1. MAINTENANCE OF TRAFFIC SHALL UTILIZE STANDARDS AS NOTED IN THE INDEX OF HIGHWAY STANDARDS ON THE COVER SHEET AND AS DETAILED IN THESE PLANS.
2. TEMPORARY PAVEMENT MARKINGS SHALL BE TAPE, TYPE IV.
3. EXISTING INLETS SHALL BE COVERED WITH A SUITABLE THICKNESS STEEL PLATE IN A MANNER APPROVED BY THE ENGINEER.
4. BARRIER WALL REFLECTORS, TYPE C SHALL BE 4" WIDE FLEXIBLE REFLECTORS CONFORMING TO SPEC BOOK ARTICLE 1097.02(c)(2).

GN-406H
HMA MIXTURE REQUIREMENT TABLE

LOCATION(S):	SURFACE	SHOULDERS	
MIXTURE USE(S):	SURFACE	SURFACE	ALL LOWER LIFTS
BINDER GRADE (AC/PG):	PG 58-28	PG 58-28	PG 58-28
DESIGN AIR VOIDS:	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL-9.5	IL 9.5, OR 9.5FG	IL-19.0
FRICTION AGGREGATE:	MIXTURE "D"	MIXTURE "D"	N/A
MIXTURE WEIGHT:	112 LB/SQ YD/IN	112 LB/SQ YD/IN	N/A
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A

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 PLOT SCALE = 1.6666' / in.
 PLOT DATE = 4/21/2023

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
IL 78 OVER INTERSTATE 88
 SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	2
CONTRACT NO. 64504				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED 10% STATE	
				ROADWAY	BRIDGE
				0004	0014
				RURAL	SN098-0065
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	18	18	0
28000510	INLET FILTERS	EACH	4	4	0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	646	0	646
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	114	0	114
44000500	COMBINED CURB AND GUTTER REMOVAL	FOOT	930	930	0
44003100	MEDIAN REMOVAL	SQ FT	2,002	2,002	0
44004250	PAVED SHOULDER REMOVAL	SQ YD	223	223	0
48203033	HOT-MIX ASPHALT SHOULDER, 9"	SQ YD	2,565	2,565	0
50102400	CONCRETE REMOVAL	CU YD	17.4	0	17.4
50104000	BRIDGE RAIL REMOVAL	FOOT	501	0	501
50157300	PROTECTIVE SHIELD	SQ YD	665	0	665
50300255	CONCRETE SUPERSTRUCTURE	CU YD	26.4	0.0	26.4
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3,750	0	3,750
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	1,436	0	1,436
59000200	EPOXY CRACK INJECTION	FOOT	173	0	173

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES IL 78 OVER INTERSTATE 88			
SCALE:	SHEET 1 OF 3 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	3
CONTRACT NO. 64504			ILLINOIS FED. AID PROJECT	

90% FED
10% STATE

0004

0047

60608700	COMB CONC C & G, TY M-6.06 (ABUTTING EXISTING PAVEMENT)	FOOT	930	930	0
60625600	ISLAND PAVEMENT (6")	SQ YD	2,002	2,002	0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	2	0
67100100	MOBILIZATION	L SUM	1	1	0
70100200	TRAFFIC CONTROL AND PROTECTION, STANDARD 701331	EACH	2	2	0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	0
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1	0
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1	0
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	14	14	0
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	10,534	10,534	0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	94	94	0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5,263	5,263	0
* 782000005	GUARDRAIL REFLECTORS, TYPE A	EACH	36	36	0
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	5,401	5,401	0

* = SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
IL 78 OVER INTERSTATE 88**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	4
CONTRACT NO. 64504				
ILLINOIS FED. AID PROJECT				

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

90% FED
10% STATE

0004 0047

X0324966	CONCRETE HEALER SEALER	SQ YD	3	0	3
X5060700	CLEANING AND PAINTING BEARINGS	EACH	18	0	18
X0900089	STEEL PLATE	L SUM	1	1	0
* X7820007	GUARDRAIL REFLECTORS, TYPE C (SPECIAL)	EACH	24	24	0
Z0004556	HOT-MIX ASPHALT SURFACE REMOVAL (DECK)	SQ YD	1,436	0	1,436
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	53	0	53
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	1	0	1
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	15	0	15
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	51	0	51
Z0021904	SILICONE JOINT SEALER, 1"	FOOT	140	0	140
Z0021914	SILICONE JOINT SEALER, 2.75"	FOOT	136	0	136
Z0041895	POLYMER CONCRETE	CU FT	20	0	20

* = SPECIALTY ITEM

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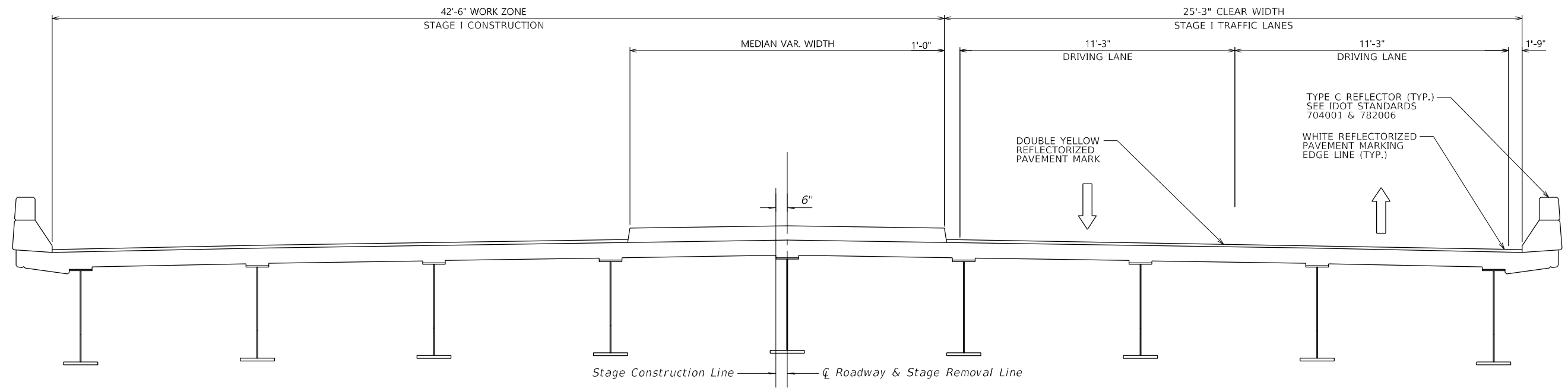
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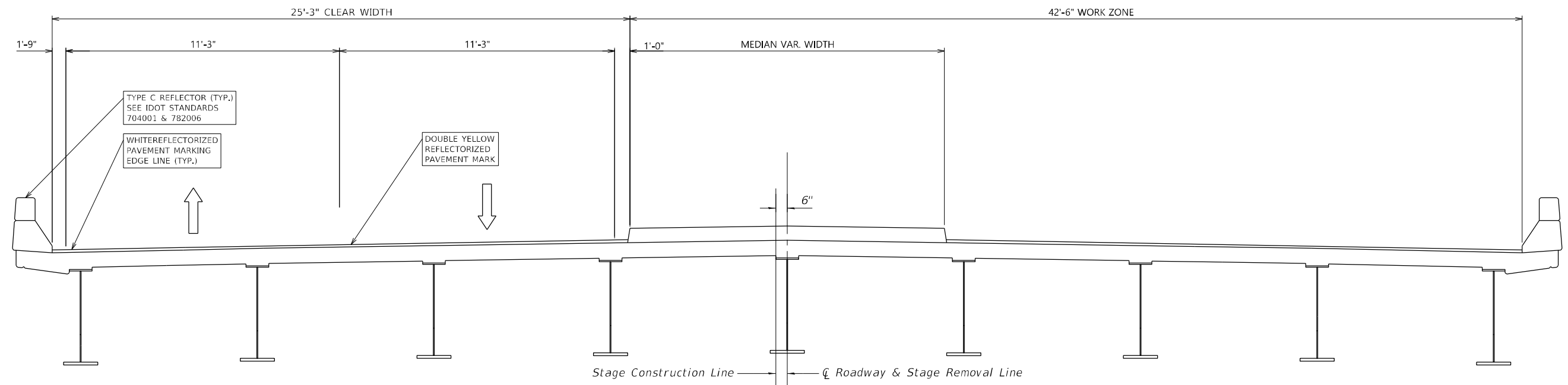
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES IL 78 OVER INTERSTATE 88			
SCALE:	SHEET 3	OF 3	SHEETS STA.
			TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	5
CONTRACT NO. 64504				
ILLINOIS FED. AID PROJECT				



STAGE I - TYPICAL SECTION
(Looking Upstation)



STAGE II - TYPICAL SECTION
(Looking Upstation)

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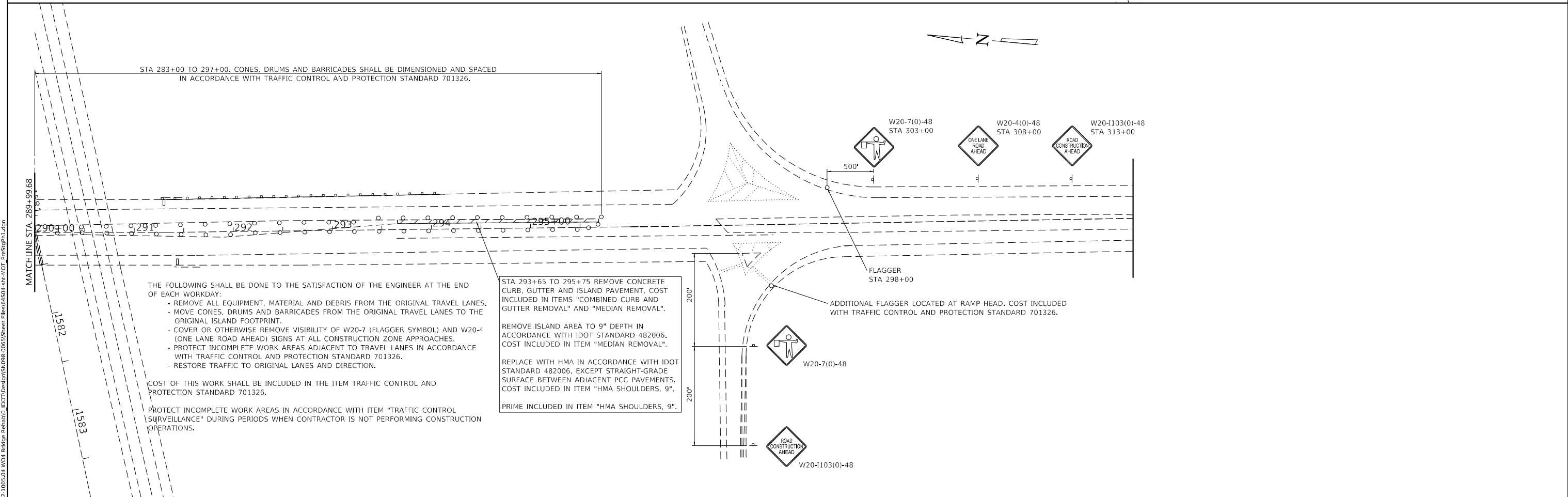
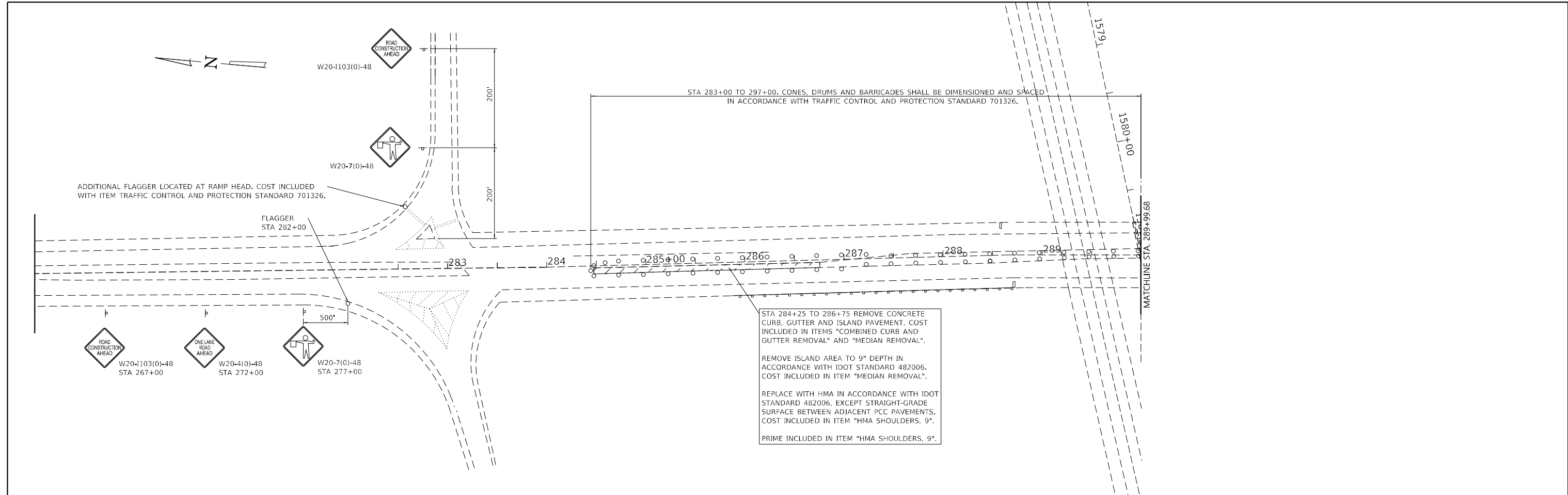
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING TYPICAL SECTION
IL 78 OVER INTERSTATE 88

SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	6
CONTRACT NO. 64504				
ILLINOIS FED. AID PROJECT				



THE FOLLOWING SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER AT THE END OF EACH WORKDAY:

- REMOVE ALL EQUIPMENT, MATERIAL AND DEBRIS FROM THE ORIGINAL TRAVEL LANES.
- MOVE CONES, DRUMS AND BARRICADES FROM THE ORIGINAL TRAVEL LANES TO THE ORIGINAL ISLAND FOOTPRINT.
- COVER OR OTHERWISE REMOVE VISIBILITY OF W20-7 (FLAGGER SYMBOL) AND W20-4 (ONE LANE ROAD AHEAD) SIGNS AT ALL CONSTRUCTION ZONE APPROACHES.
- PROTECT INCOMPLETE WORK AREAS ADJACENT TO TRAVEL LANES IN ACCORDANCE WITH TRAFFIC CONTROL AND PROTECTION STANDARD 701326.
- RESTORE TRAFFIC TO ORIGINAL LANES AND DIRECTION.

COST OF THIS WORK SHALL BE INCLUDED IN THE ITEM TRAFFIC CONTROL AND PROTECTION STANDARD 701326.

PROTECT INCOMPLETE WORK AREAS IN ACCORDANCE WITH ITEM "TRAFFIC CONTROL SURVEILLANCE" DURING PERIODS WHEN CONTRACTOR IS NOT PERFORMING CONSTRUCTION OPERATIONS.

STA 293+65 TO 295+75 REMOVE CONCRETE CURB, GUTTER AND ISLAND PAVEMENT, COST INCLUDED IN ITEMS "COMBINED CURB AND GUTTER REMOVAL" AND "MEDIAN REMOVAL".

REMOVE ISLAND AREA TO 9" DEPTH IN ACCORDANCE WITH IDOT STANDARD 482006. COST INCLUDED IN ITEM "MEDIAN REMOVAL".

REPLACE WITH HMA IN ACCORDANCE WITH IDOT STANDARD 482006, EXCEPT STRAIGHT-GRADE SURFACE BETWEEN ADJACENT PCC PAVEMENTS. COST INCLUDED IN ITEM "HMA SHOULDERS, 9".

PRIME INCLUDED IN ITEM "HMA SHOULDERS, 9".

STA 284+25 TO 286+75 REMOVE CONCRETE CURB, GUTTER AND ISLAND PAVEMENT. COST INCLUDED IN ITEMS "COMBINED CURB AND GUTTER REMOVAL" AND "MEDIAN REMOVAL".

REMOVE ISLAND AREA TO 9" DEPTH IN ACCORDANCE WITH IDOT STANDARD 482006. COST INCLUDED IN ITEM "MEDIAN REMOVAL".

REPLACE WITH HMA IN ACCORDANCE WITH IDOT STANDARD 482006, EXCEPT STRAIGHT-GRADE SURFACE BETWEEN ADJACENT PCC PAVEMENTS. COST INCLUDED IN ITEM "HMA SHOULDERS, 9".

PRIME INCLUDED IN ITEM "HMA SHOULDERS, 9".

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PRE-STAGE PHASE 1 CONSTRUCTION
IL 78 OVER INTERSTATE 88**

USER NAME = jwarner	DESIGNED -	REVISED -
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SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

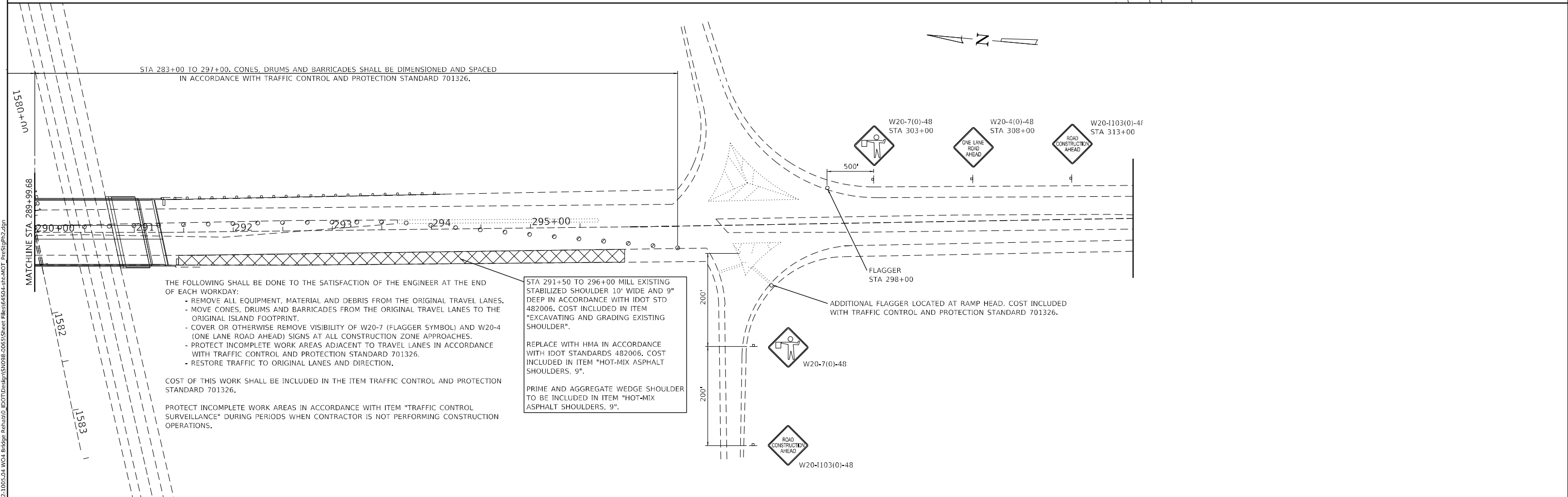
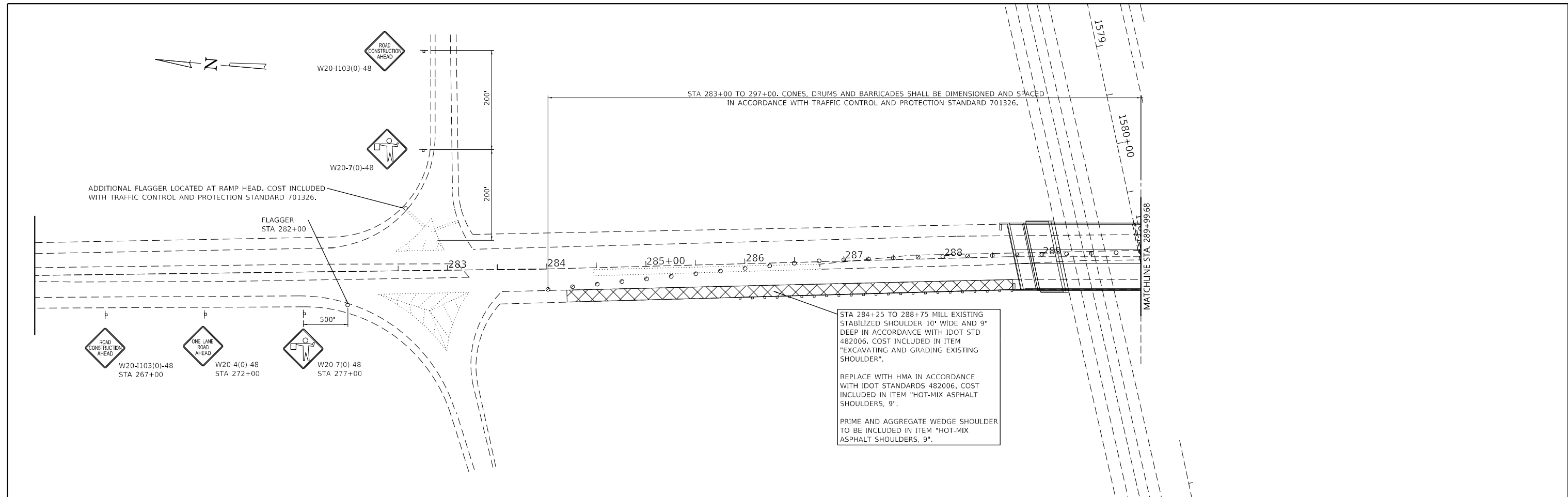
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CONTRACT NO. 64S04				
ILLINOIS FED. AID PROJECT				

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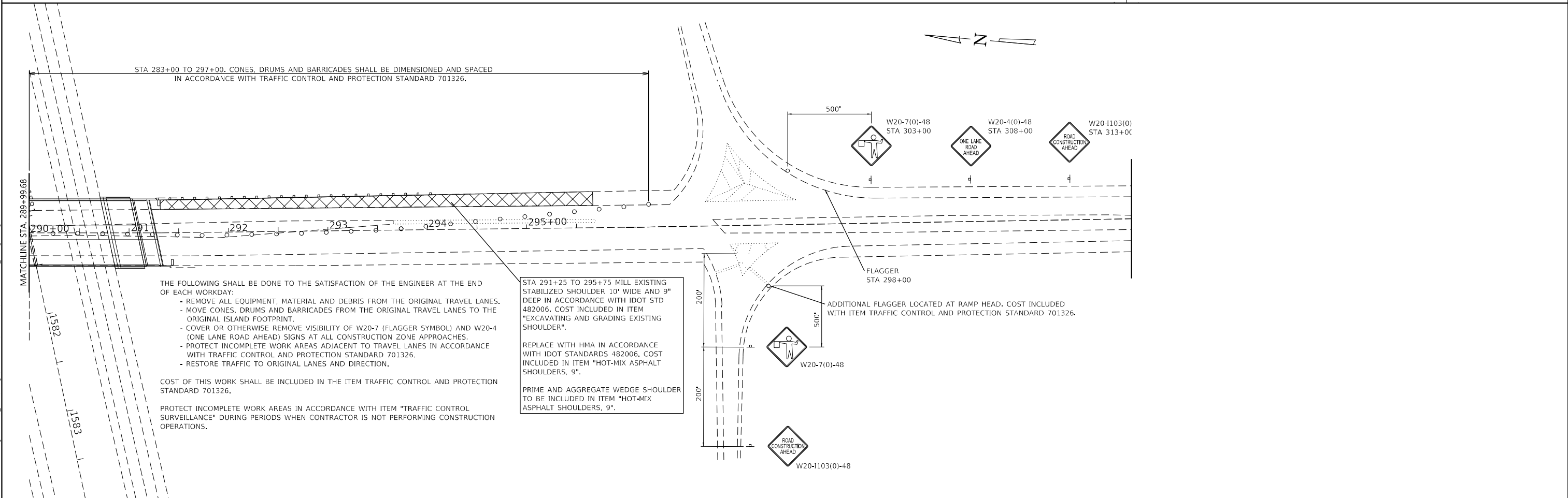
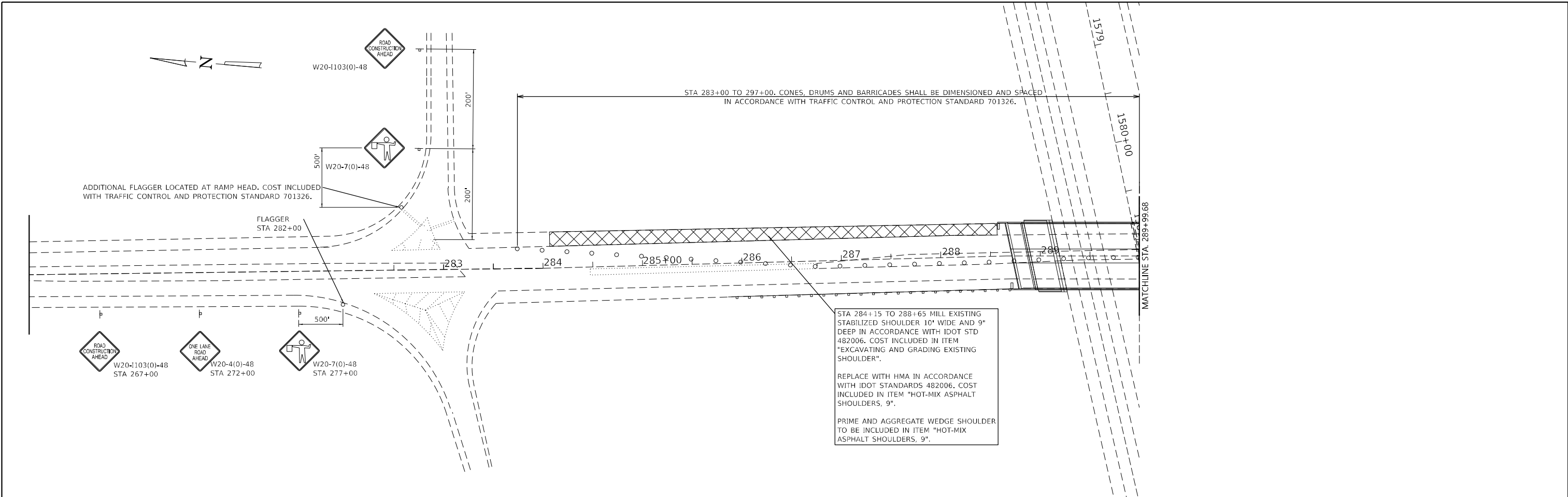
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PLOT DATE = 4/21/2023	CHECKED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN PRE-STAGE PHASE 2 CONSTRUCTION
IL 78 OVER INTERSTATE 88

F.A. RTE. 88	SECTION (195-2HB)BJR	COUNTY WHITESIDE	TOTAL SHEETS 31	SHEET NO. 8
CONTRACT NO. 64504				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.



ADDITIONAL FLAGGER LOCATED AT RAMP HEAD. COST INCLUDED WITH TRAFFIC CONTROL AND PROTECTION STANDARD 701326.

STA 284+15 TO 288+65 MILL EXISTING STABILIZED SHOULDER 10' WIDE AND 9" DEEP IN ACCORDANCE WITH IDOT STD 482006. COST INCLUDED IN ITEM "EXCAVATING AND GRADING EXISTING SHOULDER".

REPLACE WITH HMA IN ACCORDANCE WITH IDOT STANDARDS 482006. COST INCLUDED IN ITEM "HOT-MIX ASPHALT SHOULDERS, 9".

PRIME AND AGGREGATE WEDGE SHOULDER TO BE INCLUDED IN ITEM "HOT-MIX ASPHALT SHOULDERS, 9".

THE FOLLOWING SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER AT THE END OF EACH WORKDAY:

- REMOVE ALL EQUIPMENT, MATERIAL AND DEBRIS FROM THE ORIGINAL TRAVEL LANES.
- MOVE CONES, DRUMS AND BARRICADES FROM THE ORIGINAL TRAVEL LANES TO THE ORIGINAL ISLAND FOOTPRINT.
- COVER OR OTHERWISE REMOVE VISIBILITY OF W20-7 (FLAGGER SYMBOL) AND W20-4 (ONE LANE ROAD AHEAD) SIGNS AT ALL CONSTRUCTION ZONE APPROACHES.
- PROTECT INCOMPLETE WORK AREAS ADJACENT TO TRAVEL LANES IN ACCORDANCE WITH TRAFFIC CONTROL AND PROTECTION STANDARD 701326.
- RESTORE TRAFFIC TO ORIGINAL LANES AND DIRECTION.

COST OF THIS WORK SHALL BE INCLUDED IN THE ITEM TRAFFIC CONTROL AND PROTECTION STANDARD 701326.

PROTECT INCOMPLETE WORK AREAS IN ACCORDANCE WITH ITEM "TRAFFIC CONTROL SURVEILLANCE" DURING PERIODS WHEN CONTRACTOR IS NOT PERFORMING CONSTRUCTION OPERATIONS.

STA 291+25 TO 295+75 MILL EXISTING STABILIZED SHOULDER 10' WIDE AND 9" DEEP IN ACCORDANCE WITH IDOT STD 482006. COST INCLUDED IN ITEM "EXCAVATING AND GRADING EXISTING SHOULDER".

REPLACE WITH HMA IN ACCORDANCE WITH IDOT STANDARDS 482006. COST INCLUDED IN ITEM "HOT-MIX ASPHALT SHOULDERS, 9".

PRIME AND AGGREGATE WEDGE SHOULDER TO BE INCLUDED IN ITEM "HOT-MIX ASPHALT SHOULDERS, 9".

MODEL: 70 Sheet 4
FILE NAME: P:\23-1005-04 W04 BRIDGE Rehab\0_IDOT\Drawings\08-0055\Sheet File\64504-rt-MOT_PrcSigPr3.dgn

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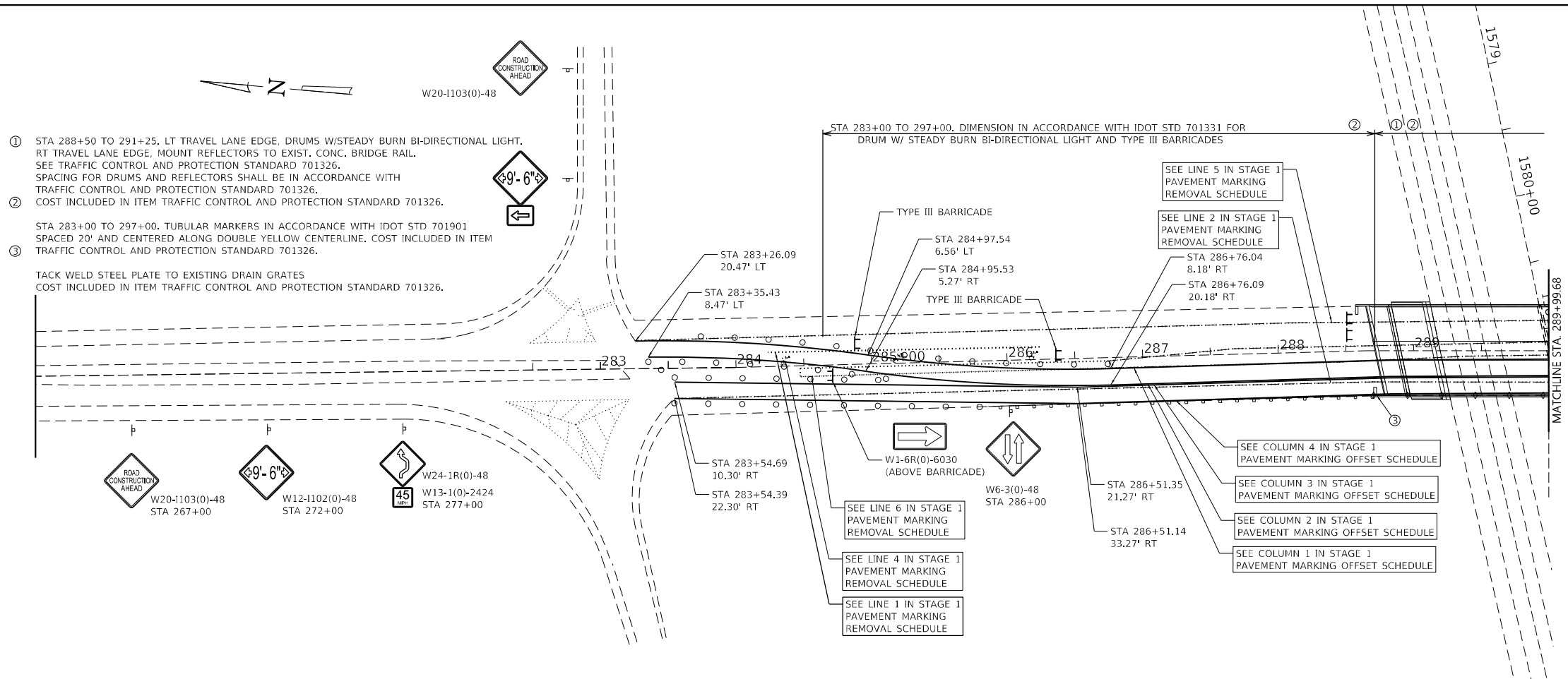
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN PRE-STAGE PHASE 3 CONSTRUCTION
IL 78 OVER INTERSTATE 88**

F.A. RTE. 88	SECTION (195-2HB)BJR	COUNTY WHITESIDE	TOTAL SHEETS 31	SHEET NO. 9
CONTRACT NO. 64504				
SCALE: SHEET 4 OF 8 SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT				

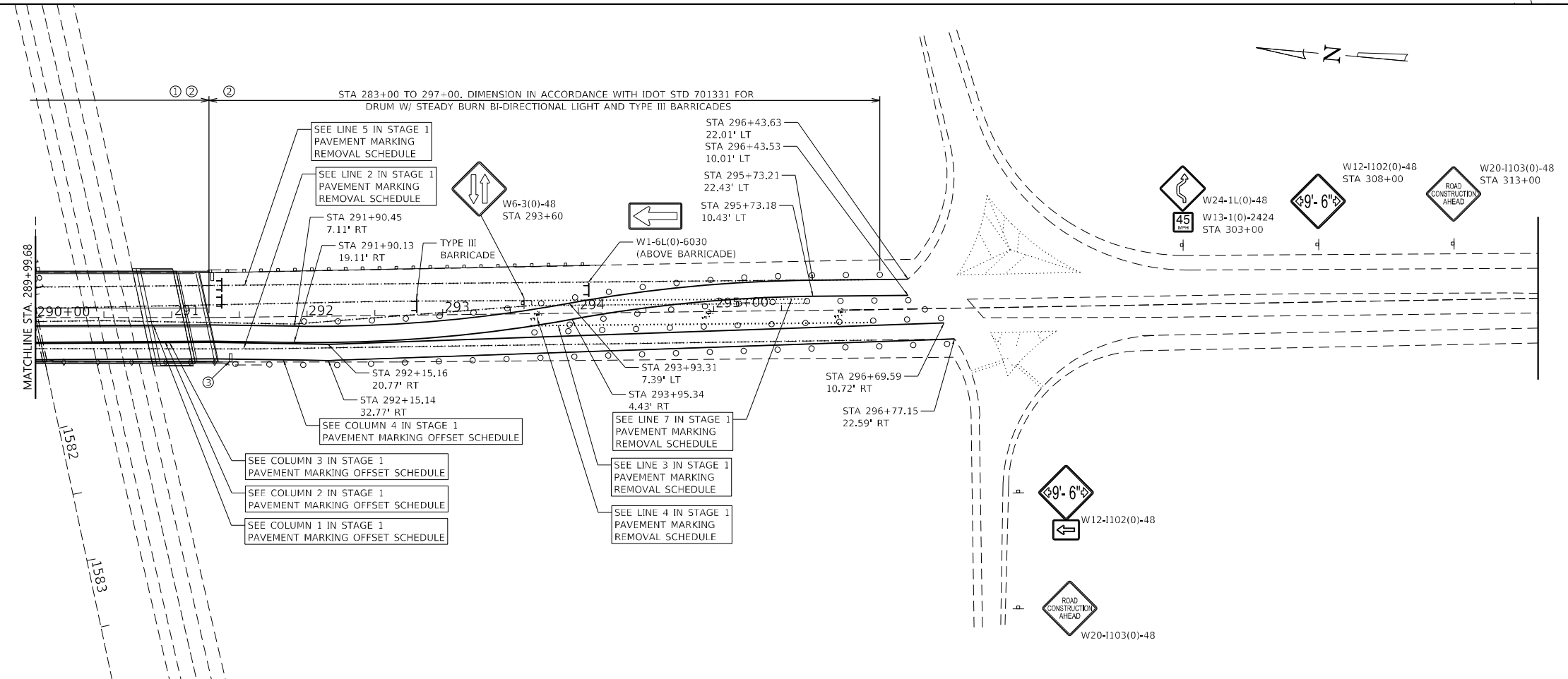


- ① STA 288+50 TO 291+25. LT TRAVEL LANE EDGE, DRUMS W/STEADY BURN BI-DIRECTIONAL LIGHT. RT TRAVEL LANE EDGE, MOUNT REFLECTORS TO EXIST. CONC. BRIDGE RAIL. SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701326. SPACING FOR DRUMS AND REFLECTORS SHALL BE IN ACCORDANCE WITH TRAFFIC CONTROL AND PROTECTION STANDARD 701326.
 - ② COST INCLUDED IN ITEM TRAFFIC CONTROL AND PROTECTION STANDARD 701326.
 - ③ STA 283+00 TO 297+00. TUBULAR MARKERS IN ACCORDANCE WITH IDOT STD 701901 SPACED 20' AND CENTERED ALONG DOUBLE YELLOW CENTERLINE. COST INCLUDED IN ITEM TRAFFIC CONTROL AND PROTECTION STANDARD 701326.
- TACK WELD STEEL PLATE TO EXISTING DRAIN GRATES
COST INCLUDED IN ITEM TRAFFIC CONTROL AND PROTECTION STANDARD 701326.



Line	Description	Begin Station	End Station	Length FOOT	Area SQ FT
1	Permanent White Turn Lane Line	284+23.8	286+24.3	201	67
2	Permanent Right White Edge Line	283+54.4	296+77.1	1323	441
3	Permanent White Turn Lane Line	293+64.8	296+18.0	253	84
4	Permanent Turn Symbols (6 total)	L1 Turns @ Ramp Ints.			94
5	Permanent Left White Edge Line	283+25.8	296+18.0	1292	431
6	Permanent Yellow Island Perimeter	284+47.3	295+68.8	1128	376
7	Permanent Yellow Island Perimeter	284+47.3	295+68.8	1125	375
TOTAL				5321	1868

Column	1	2	3	4
Station	Left Edgeline	Left Inside Edgeline	Right Inside Edgeline	Right Edgeline
283+26.1	20.5' lt			
283+50.0	20.4' lt	8.4' lt		
284+00.0	18.5' lt	6.5' lt	11.4' rt	23.5' rt
284+50.0	13.5' lt	1.4' lt	13.4' rt	25.4' rt
285+00.0	6.1' lt	6.0' rt	15.4' rt	27.4' rt
285+50.0	1.0' rt	13.1' rt	17.3' rt	29.3' rt
286+00.0	5.7' rt	17.7' rt	19.3' rt	31.3' rt
286+50.0	8.0' rt	20.0' rt	21.2' rt	33.2' rt
286+76.0	8.2' rt	20.2' rt	21.2' rt	33.2' rt
288+82.3	7.0' rt	19.0' rt	20.0' rt	32.0' rt
291+30.1	5.5' rt	17.5' rt	18.5' rt	30.5' rt
291+90.5	7.1' rt	19.0' rt	20.0' rt	32.1' rt
292+00.0	7.3' rt	19.3' rt	20.4' rt	32.4' rt
292+50.0	7.0' rt	19.0' rt	20.0' rt	32.0' rt
293+00.0	4.2' rt	16.3' rt	18.8' rt	30.8' rt
293+50.0	0.9' lt	11.2' rt	17.7' rt	29.7' rt
294+00.0	8.5' lt	3.6' rt	16.5' rt	28.5' rt
294+50.0	15.5' lt	3.4' lt	15.4' rt	27.4' rt
295+00.0	20.1' lt	8.0' lt	14.2' rt	26.2' rt
295+50.0	22.2' lt	10.2' lt	13.1' rt	25.1' rt
296+00.0	22.4' lt	10.4' lt	11.9' rt	23.9' rt
296+50.0			11.1' rt	23.1' rt
296+77.2				22.6' rt
TOTAL LENGTH	1320'	1311'	1315'	1323'



MODEL: 70 Sheet 4
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN STAGE 1
IL 78 OVER INTERSTATE 88

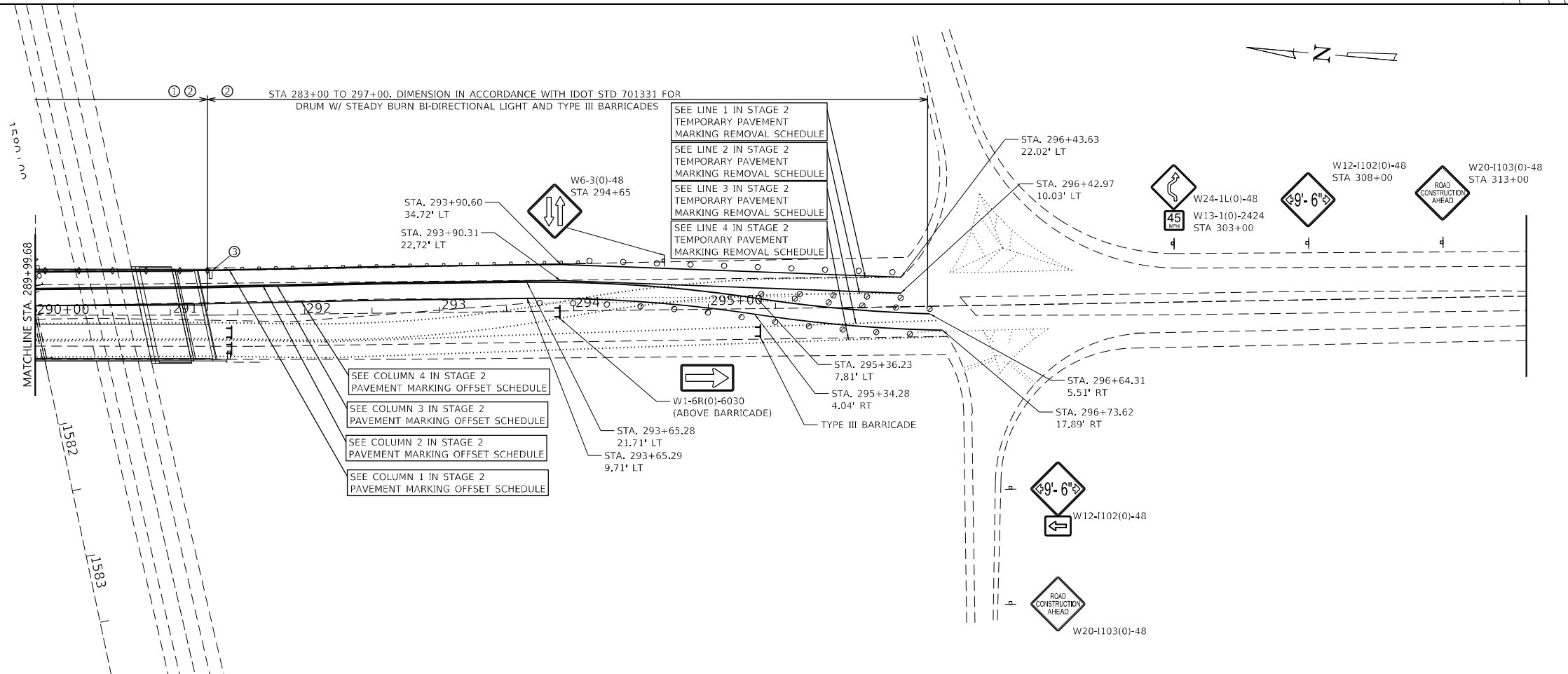
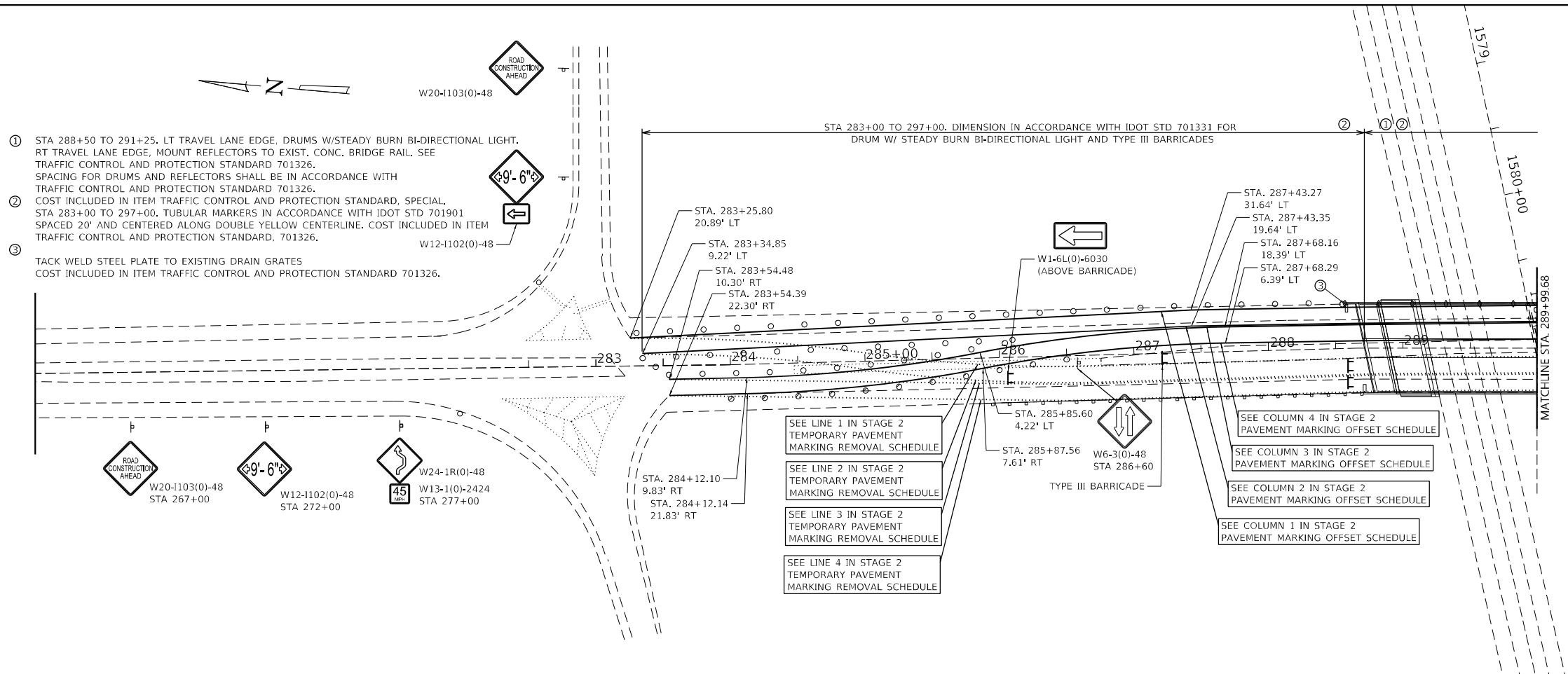
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CONTRACT NO. 64504			ILLINOIS FED. AID PROJECT	

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

- ① STA 288+50 TO 291+25. LT TRAVEL LANE EDGE, DRUMS W/STEADY BURN BI-DIRECTIONAL LIGHT. RT TRAVEL LANE EDGE, MOUNT REFLECTORS TO EXIST. CONC. BRIDGE RAIL, SEE TRAFFIC CONTROL AND PROTECTION STANDARD 701326. SPACING FOR DRUMS AND REFLECTORS SHALL BE IN ACCORDANCE WITH TRAFFIC CONTROL AND PROTECTION STANDARD 701326.
- ② COST INCLUDED IN ITEM TRAFFIC CONTROL AND PROTECTION STANDARD, SPECIAL. STA 283+00 TO 297+00. TUBULAR MARKERS IN ACCORDANCE WITH IDOT STD 701901 SPACED 20' AND CENTERED ALONG DOUBLE YELLOW CENTERLINE. COST INCLUDED IN ITEM TRAFFIC CONTROL AND PROTECTION STANDARD, 701326.
- ③ TACK WELD STEEL PLATE TO EXISTING DRAIN GRATES. COST INCLUDED IN ITEM TRAFFIC CONTROL AND PROTECTION STANDARD 701326.

Line	Description	Begin Station	End Station	Length FOOT	Area SQ FT
1	Stage 1 Left Edgeline	283+26.1	296+43.6	1320	440
2	Stage 1 Left Inside Edgeline	283+35.4	296+43.5	1311	437
3	Stage 1 Right Inside Edgeline	283+54.7	296+69.6	1315	438
4	Stage 1 Right Edgeline	283+54.4	296+77.2	1323	441
TOTAL				5269	1756

Station	Column 1 Left Edgeline	Column 2 Left Inside Edgeline	Column 3 Right Inside Edgeline	Column 4 Right Edgeline
283+25.8	20.9' lt			
283+50.0	21.8' rt	9.8' rt		
284+00.0	23.6' lt	11.6' lt	9.8' rt	21.8' rt
284+50.0	24.8' lt	12.8' lt	9.2' rt	21.3' rt
285+00.0	26.0' lt	14.0' lt	6.4' rt	18.4' rt
285+50.0	27.1' lt	15.1' lt	1.1' rt	13.2' rt
286+00.0	28.3' lt	16.3' lt	6.5' lt	5.6' rt
286+50.0	29.5' lt	17.5' lt	12.9' lt	0.8' lt
287+00.0	30.6' lt	18.6' lt	18.8' lt	4.8' lt
287+50.0	31.6' lt	19.6' lt	18.4' lt	6.4' lt
287+68.3	31.4' lt	19.4' lt	18.4' lt	6.4' lt
291+16.3	33.1' lt	21.1' lt	20.1' lt	8.1' lt
292+60.6	34.7' lt	22.7' lt	21.7' lt	9.7' lt
293+65.3	34.7' lt	22.7' lt	21.7' lt	9.7' lt
294+00.0	34.3' lt	22.2' lt	21.2' lt	9.1' lt
294+50.0	31.8' lt	19.8' lt	18.3' lt	6.3' lt
295+00.0	29.3' lt	17.3' lt	13.1' lt	1.0' lt
295+50.0	26.9' lt	14.9' lt	5.6' lt	6.5' rt
296+00.0	24.4' lt	12.4' lt	0.6' rt	12.7' rt
296+50.0			4.8' rt	16.8' rt
296+73.6				17.9' rt
TOTAL LENGTH	1319'	1309'	1314'	1323'



MODEL: 70 Sheet 4
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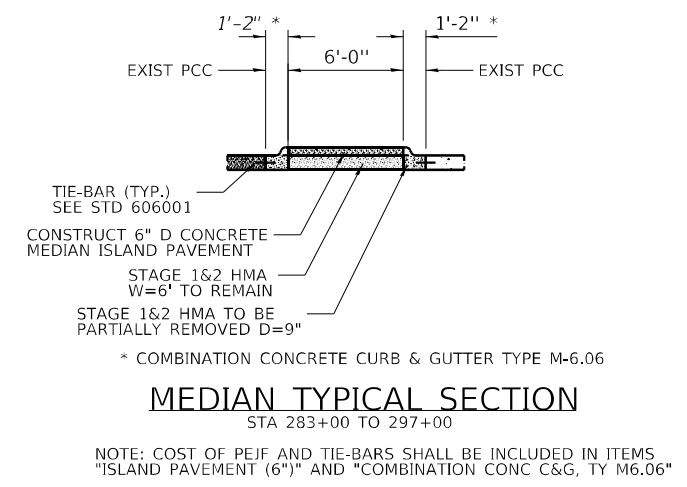
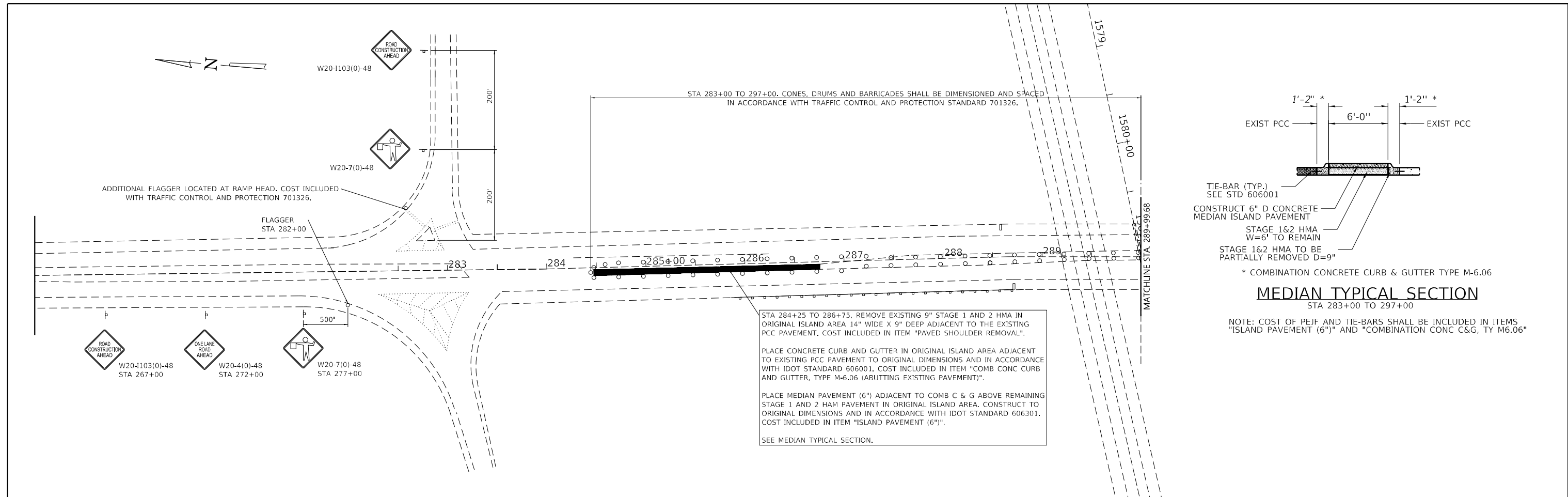
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DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PLAN STAGE 2
IL 78 OVER INTERSTATE 88

F.A. RTE. = 88	SECTION = (195-2HB)BJR	COUNTY = WHITESIDE	TOTAL SHEETS = 31	SHEET NO. = 11
SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.			CONTRACT NO. 64504	
ILLINOIS FED. AID PROJECT				

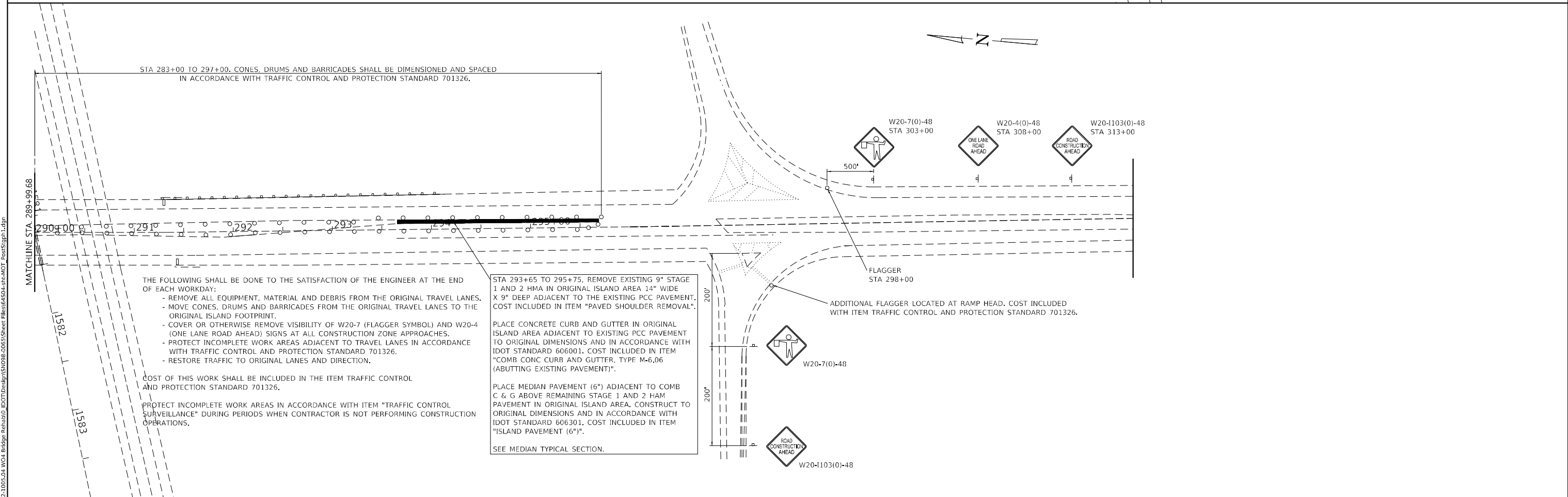


STA 284+25 TO 286+75, REMOVE EXISTING 9" STAGE 1 AND 2 HMA IN ORIGINAL ISLAND AREA 14" WIDE X 9" DEEP ADJACENT TO THE EXISTING PCC PAVEMENT. COST INCLUDED IN ITEM "PAVED SHOULDER REMOVAL".

PLACE CONCRETE CURB AND GUTTER IN ORIGINAL ISLAND AREA ADJACENT TO EXISTING PCC PAVEMENT TO ORIGINAL DIMENSIONS AND IN ACCORDANCE WITH IDOT STANDARD 606001. COST INCLUDED IN ITEM "COMB CONC CURB AND GUTTER, TYPE M-6.06 (ABUTTING EXISTING PAVEMENT)".

PLACE MEDIAN PAVEMENT (6") ADJACENT TO COMB C & G ABOVE REMAINING STAGE 1 AND 2 HAM PAVEMENT IN ORIGINAL ISLAND AREA. CONSTRUCT TO ORIGINAL DIMENSIONS AND IN ACCORDANCE WITH IDOT STANDARD 606301. COST INCLUDED IN ITEM "ISLAND PAVEMENT (6")".

SEE MEDIAN TYPICAL SECTION.



THE FOLLOWING SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER AT THE END OF EACH WORKDAY:

- REMOVE ALL EQUIPMENT, MATERIAL AND DEBRIS FROM THE ORIGINAL TRAVEL LANES.
- MOVE CONES, DRUMS AND BARRICADES FROM THE ORIGINAL TRAVEL LANES TO THE ORIGINAL ISLAND FOOTPRINT.
- COVER OR OTHERWISE REMOVE VISIBILITY OF W20-7 (FLAGGER SYMBOL) AND W20-4 (ONE LANE ROAD AHEAD) SIGNS AT ALL CONSTRUCTION ZONE APPROACHES.
- PROTECT INCOMPLETE WORK AREAS ADJACENT TO TRAVEL LANES IN ACCORDANCE WITH TRAFFIC CONTROL AND PROTECTION STANDARD 701326.
- RESTORE TRAFFIC TO ORIGINAL LANES AND DIRECTION.

COST OF THIS WORK SHALL BE INCLUDED IN THE ITEM TRAFFIC CONTROL AND PROTECTION STANDARD 701326.

PROTECT INCOMPLETE WORK AREAS IN ACCORDANCE WITH ITEM "TRAFFIC CONTROL SURVEILLANCE" DURING PERIODS WHEN CONTRACTOR IS NOT PERFORMING CONSTRUCTION OPERATIONS.

STA 293+65 TO 295+75, REMOVE EXISTING 9" STAGE 1 AND 2 HMA IN ORIGINAL ISLAND AREA 14" WIDE X 9" DEEP ADJACENT TO THE EXISTING PCC PAVEMENT. COST INCLUDED IN ITEM "PAVED SHOULDER REMOVAL".

PLACE CONCRETE CURB AND GUTTER IN ORIGINAL ISLAND AREA ADJACENT TO EXISTING PCC PAVEMENT TO ORIGINAL DIMENSIONS AND IN ACCORDANCE WITH IDOT STANDARD 606001. COST INCLUDED IN ITEM "COMB CONC CURB AND GUTTER, TYPE M-6.06 (ABUTTING EXISTING PAVEMENT)".

PLACE MEDIAN PAVEMENT (6") ADJACENT TO COMB C & G ABOVE REMAINING STAGE 1 AND 2 HAM PAVEMENT IN ORIGINAL ISLAND AREA. CONSTRUCT TO ORIGINAL DIMENSIONS AND IN ACCORDANCE WITH IDOT STANDARD 606301. COST INCLUDED IN ITEM "ISLAND PAVEMENT (6")".

SEE MEDIAN TYPICAL SECTION.

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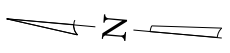
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC PLAN POST-STAGE CONSTRUCTION
 IL 78 OVER INTERSTATE 88**

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	12
CONTRACT NO. 64504				
ILLINOIS FED. AID PROJECT				

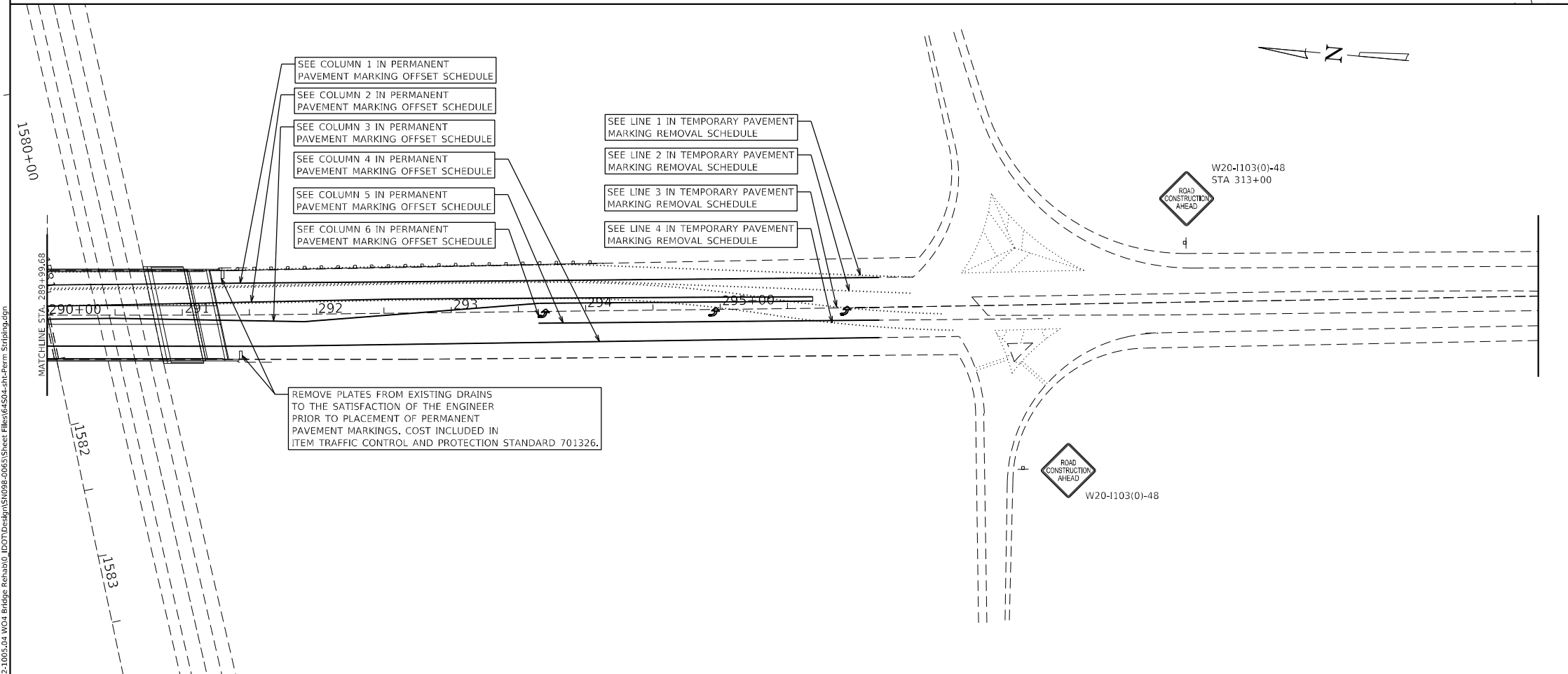
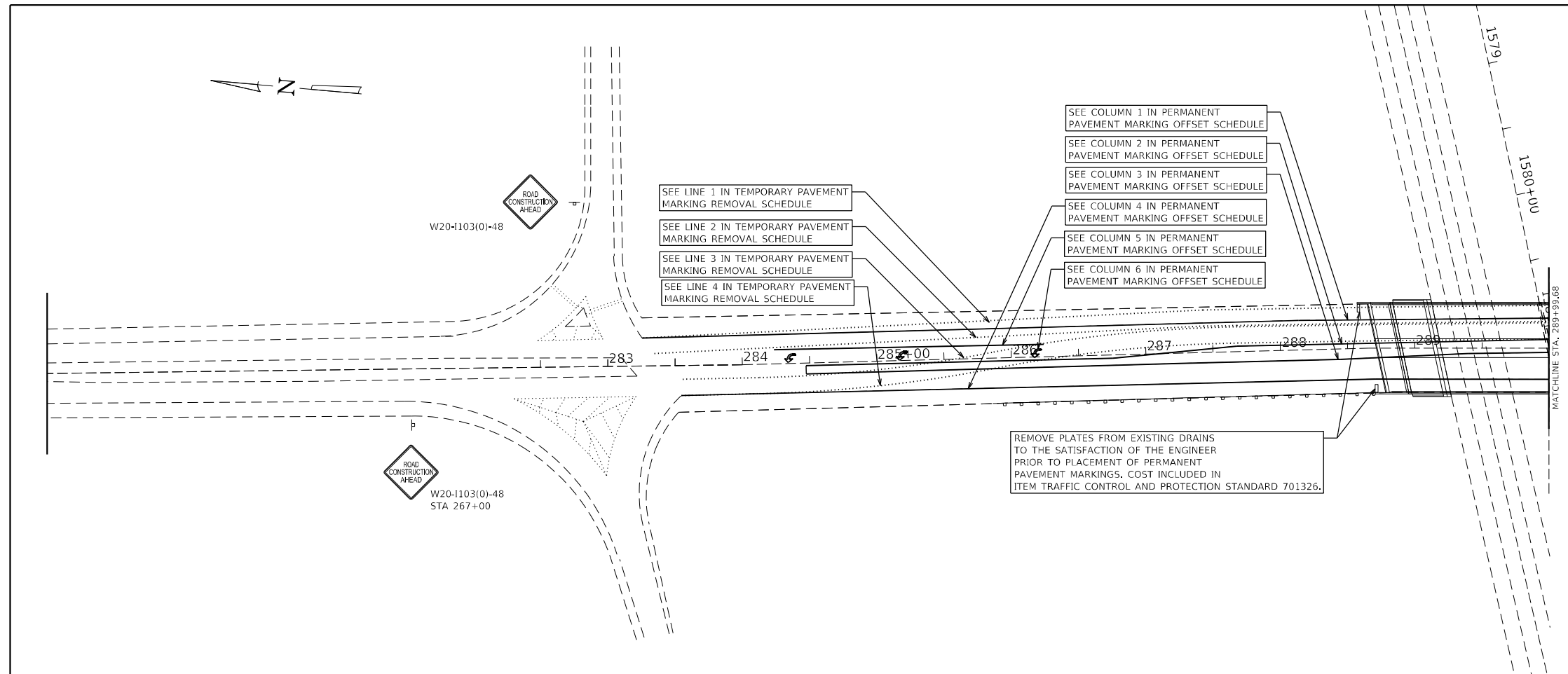
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Stage 2 Temporary Pavement Marking Removal - Water Blasting					
Line	Description	Begin Station	End Station	Length FOOT	Area SQ FT
1	Stage 2 Left Edgeline	283+25.8	296+43.6	1319	440
2	Stage 2 Left Inside Edgeline	283+34.9	296+43.0	1309	437
3	Stage 2 Right Inside Edgeline	283+54.5	296+64.3	1314	438
4	Stage 2 Right Edgeline	283+54.4	296+73.6	1323	441
TOTAL				5265	1766

Permanent Pavement Marking Offset Schedule						
Column	1	2	3	4	5	6
Station	Left Edgeline White	Left Island Edge Yellow	Right Island Edge Yellow	Right Edgeline White	Turn Lane Line White	Left Turn Arrow
283+25.8	20.9'lt					
283+54.4	21.8'lt			22.3'rt		
284+23.8	21.9'lt			21.9'rt	10.6'lt	
284+31.5	21.9'lt			21.9'rt	10.5'lt	15.6 sf
285+14.3	22.0'lt	2.1'rt	7.9'rt	22.1'rt	10'lt	15.6 sf
286+14.6	22.0'lt	2.3'rt	7.8'rt	22.4'rt	9.3'lt	15.6 sf
286+24.3	22.0'lt	2.4'rt	7.8'rt	22.4'rt	9.3'lt	
288+14.1	22.0'lt	3.9'rt	7.7'rt	23.0'rt		
288+70.6	21.2'lt	3.7'rt	7.1'rt	23.0'rt		
291+62.4	23.5'lt	9.6'rt	4.7'rt	23.5'rt		
293+65.0	23.0'lt	5.9'rt	9.8'rt	23.0'rt	8.8'rt	15.6 sf
294+91.6	22.6'lt	8.9'rt	5.6'rt	22.7'rt	9.1'rt	15.6 sf
295+89.2	22.4'lt			22.4'rt	9.4'rt	15.6 sf
296+18.0	22.3'lt			22.3'rt	9.5'rt	
TOTAL LENGTH	1292'	1122'	1122'	1264'	454'	94 SF

*Offset around island footprint in accordance with IDOT Std 780001 & as shown in plans.
Dimension Left Turn Arrows within turn lane in accordance with IDOT Standard 780001.



MODEL: 70 Sheet 4
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERMANENT STRIPING PLAN
IL 78 OVER INTERSTATE 88

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

F.A. RTE. 88	SECTION (195-2HB)BJR	COUNTY WHITESIDE	TOTAL SHEETS 31	SHEET NO. 13
CONTRACT NO. 64S04			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

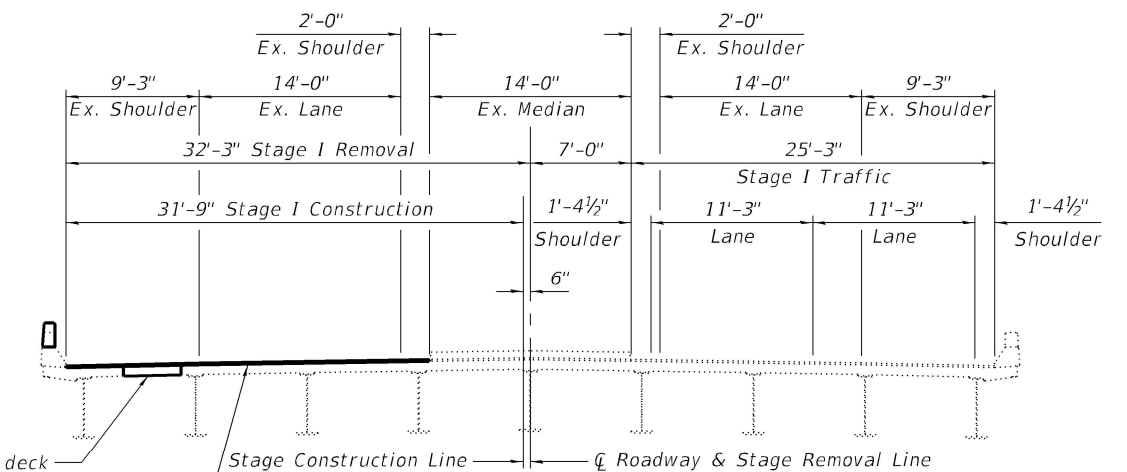
1. All heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.
2. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contactor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
3. Existing paint on the bridge may contain lead. See Special Provision for Cleaning and Painting Bearings.
4. Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications at ambient temperature other than 50°F.
5. All exposed concrete edges shall have a standard 3/4" chamfer unless noted otherwise.

SCOPE OF WORK

- To be completed under stage construction.
1. Remove existing polymer concrete nosing and expansion joints.
 2. Remove HMA and repair deck at designated locations or as directed by the Engineer.
 3. Reconstruct deck joints at the Abutments and Approach Bents with polymer concrete and designated size of silicone joint sealer.
 4. Perform parapet repair at locations shown.
 5. Install HMA and Waterproofing Membrane System.
 6. Clean and paint all abutment bearings.
 7. Repair abutments at designated locations or as directed by the Engineer.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Bituminous Materials (Tack Coat)	Pound	646		646
Hot-Mix Asphalt Surface Course, IL-9.5, Mix "D", N50	Ton	114		114
Concrete Removal	Cu. Yd.	17.4		17.4
Bridge Rail Removal	Ft.	501		501
Protective Shield	Sq. Yd.	665		665
Concrete Superstructure	Cu. Yd.	26.4		26.4
Reinforcement Bars, Epoxy Coated	Pound	3,750		3,750
Waterproofing Membrane System	Sq. Yd.	1,436		1,436
Epoxy Crack Injection	Foot	173		173
Concrete Healer Sealer	Sq. Yd.	3		3
Cleaning and Painting Bearings	Each	18		18
Hot-Mix Asphalt Surface Removal (Deck)	Sq. Yd.	1,436		1,436
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	46	7	53
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	1		1
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	15		15
Deck Slab Repair (Partial)	Sq. Yd.	51		51
Silicone Joint Sealer, 1"	Foot	140		140
Silicone Joint Sealer, 2.75"	Foot	136		136
Polymer Concrete	Cu. Ft.	20.0		20.0

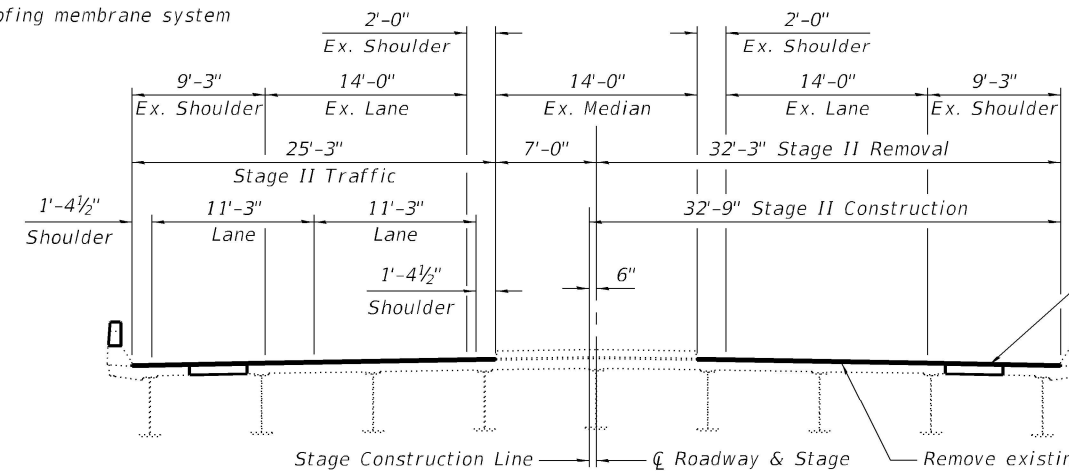


STAGE I - TYPICAL SECTION

(Looking Upstation)

See sheet 6 of 9 for deck slab repair details.

Remove existing wearing surface and waterproofing and then install 1 1/2" HMA and waterproofing membrane system



STAGE II - TYPICAL SECTION

(Looking Upstation)

See sheet 6 of 9 for deck slab repair details.

Remove existing wearing surface and waterproofing and then install 1 1/2" HMA and waterproofing membrane system

Notes:
See Roadway Plans for traffic control equipment details.

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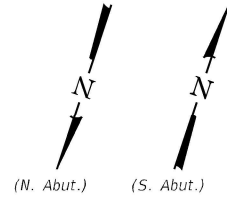
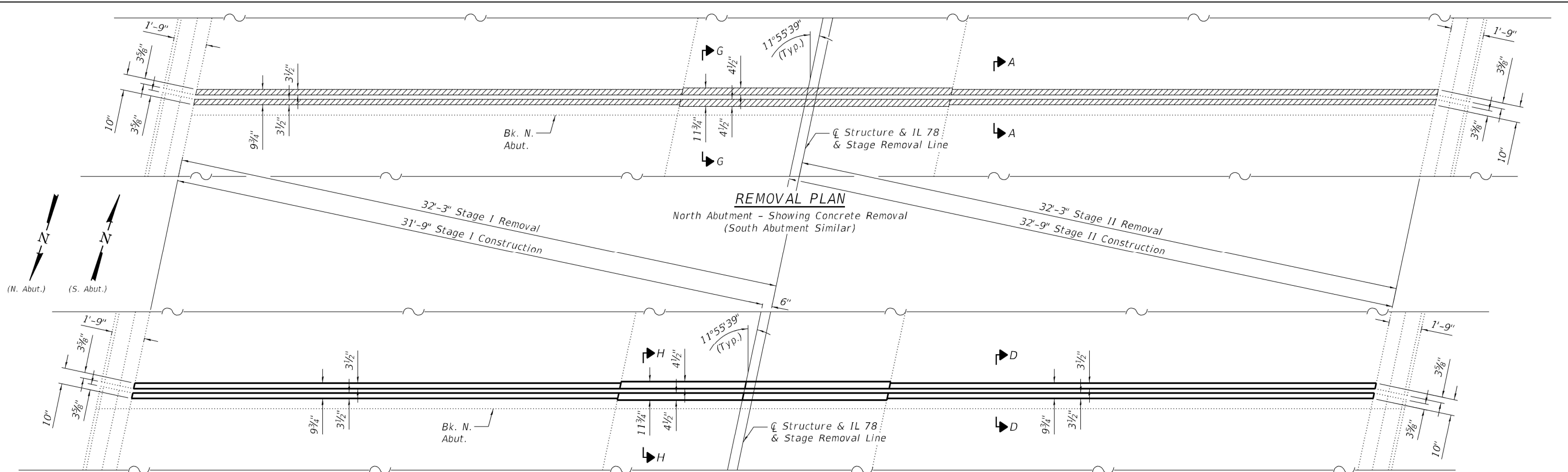
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA
STRUCTURE NO. 098-0065**

SHEET 2 OF 9 SHEETS

F.A.I. RTE. 88	SECTION (195-2HB)BJR	COUNTY WHITESIDE	TOTAL SHEETS 31	SHEET NO. 15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64S04	

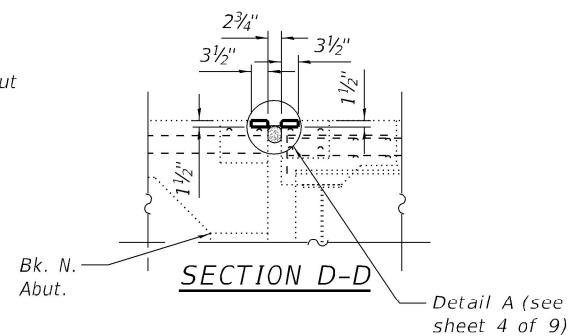
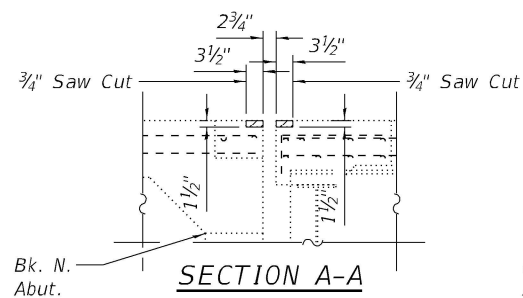


REMOVAL PLAN
North Abutment - Showing Concrete Removal
(South Abutment Similar)

REPLACEMENT PLAN
North Abutment - Showing Concrete Replacement
(South Abutment Similar)

LEGEND
 Indicates Concrete Removal

Notes:
 The Contractor shall use extreme care during concrete removal so as not to damage the existing steel beams. Any steel damaged during concrete removal operations shall be repaired at the Contractor's expense.
 Removal of existing expansion joint and associated material shall not be paid for separately, but shall be included in the cost of Concrete Removal.
 Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into new construction.
 Any reinforcement bars that are damaged during concrete removal operations shall be replaced at the Contractor's expense.
 Stud shear connectors damaged during concrete removal operations shall be removed and replaced per Section 505 of the Standard Specifications at the Contractor's expense.
 For Detail A and Sections G-G and H-H, see sheet 4 of 9.



BILL OF MATERIAL

Item	Unit	Total
Concrete Removal	Cu. Yd.	0.8
Silicone Joint Sealer, 1"	Foot	140
Silicone Joint Sealer, 2.75"	Foot	136
Polymer Concrete	Cu. Ft.	20.0

MODEL: Default
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 1818 N. Main St., Suite 100
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 309.443.2877
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


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	CHECKED - JW	REVISIONS -
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PLOT DATE =	CHECKED - JW	REVISIONS -

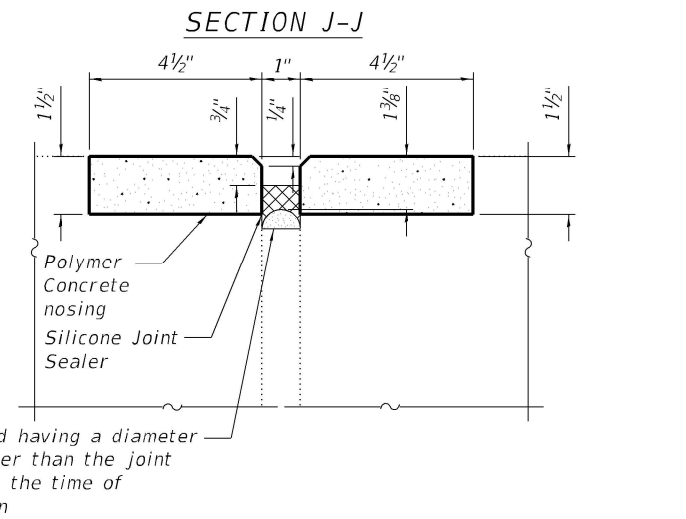
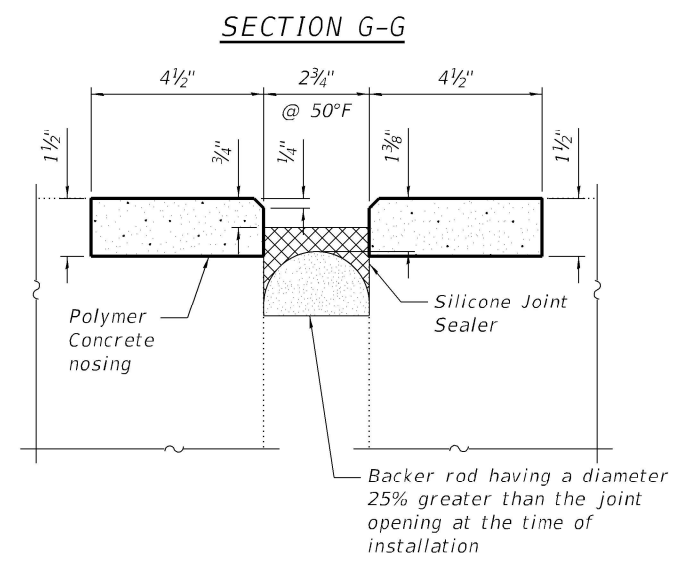
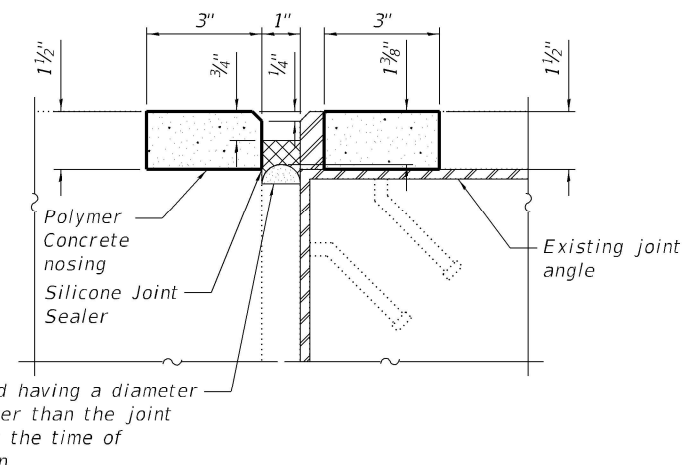
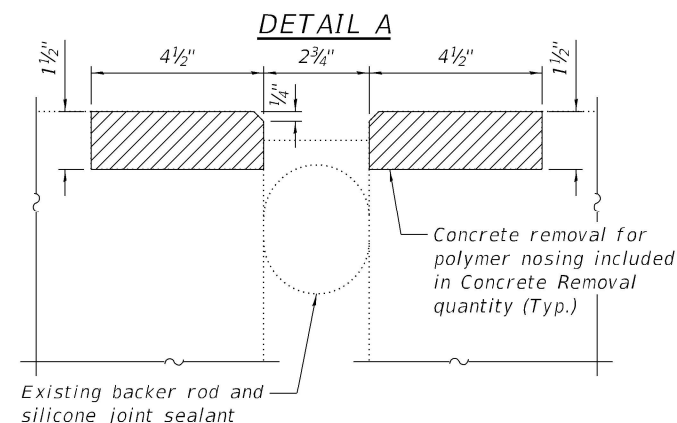
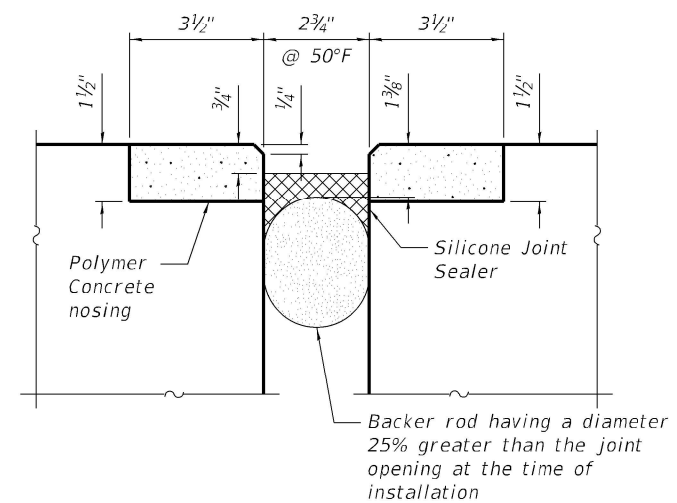
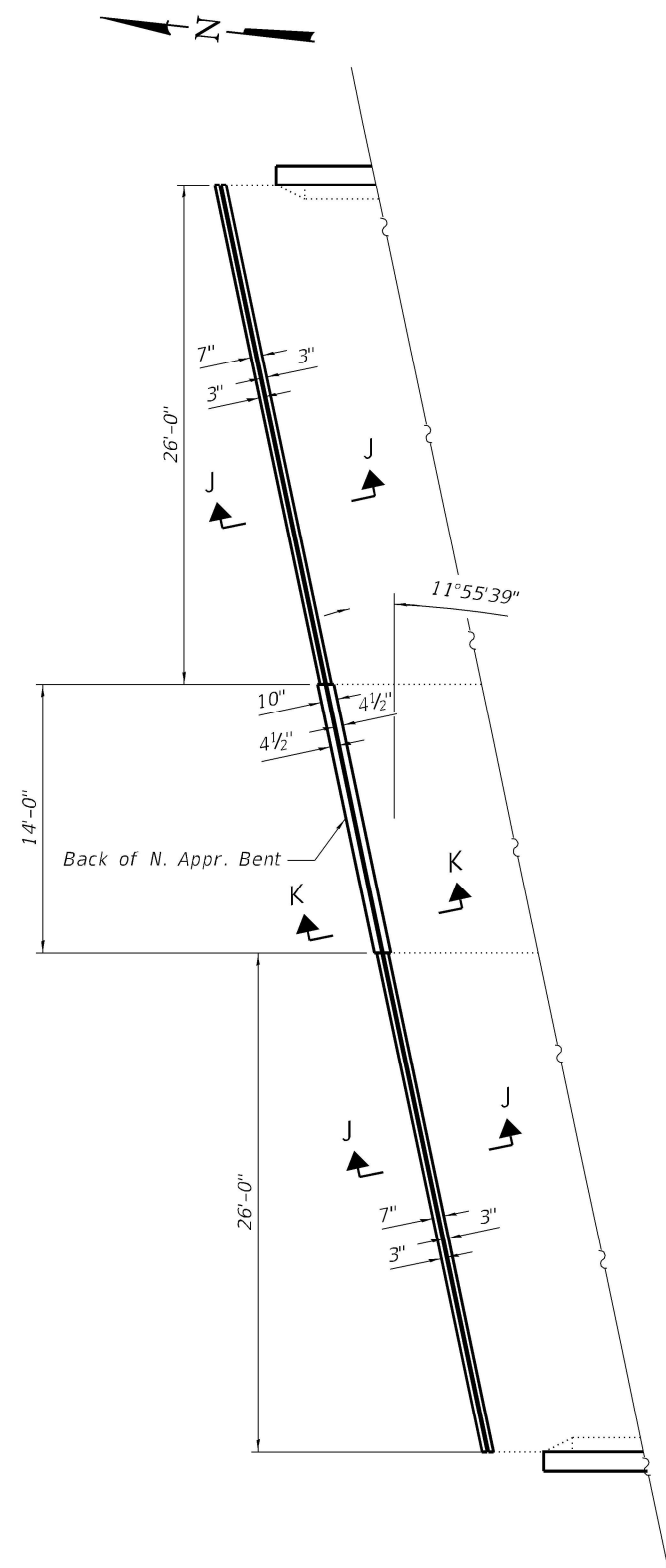
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE JOINT REPLACEMENT DETAILS
STRUCTURE NO. 098-0065
 SHEET 3 OF 9 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	16
CONTRACT NO. 64S04				
ILLINOIS FED. AID PROJECT				

LEGEND

-  Concrete removal
-  Polymer Concrete
-  Silicone Joint Sealer
-  Backer rod



APPROACH BENT JOINT REPLACEMENT PLAN
North Approach Bent shown, South Approach Bent similar.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINT DETAILS
STRUCTURE NO. 098-0065**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	17
CONTRACT NO. 64S04				

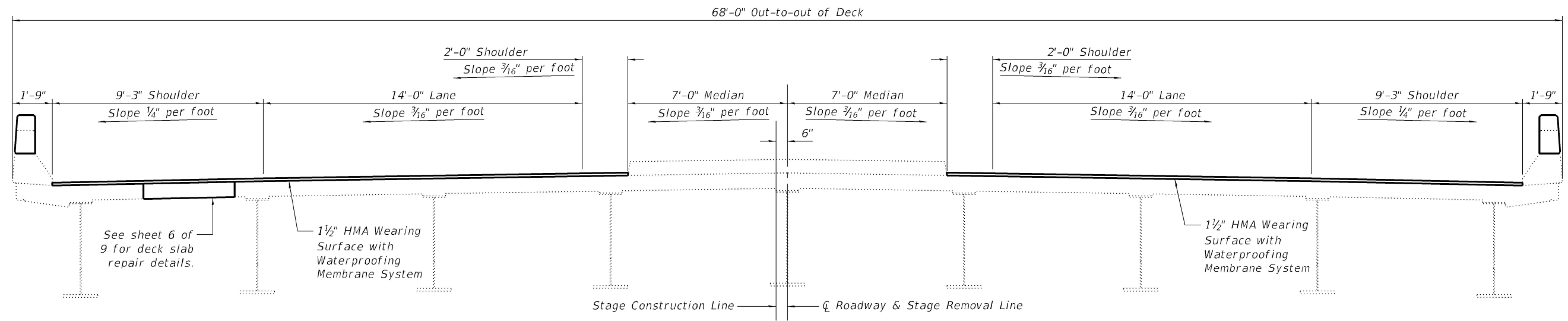
SHEET 4 OF 9 SHEETS

ILLINOIS FED. AID PROJECT

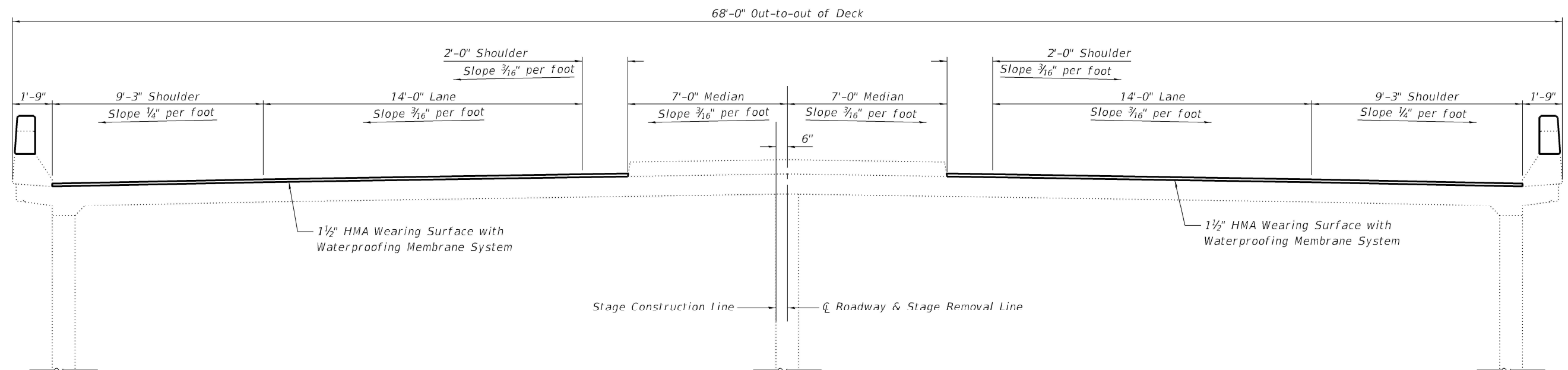
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1127 N. Main St., Suite 100
Bella Vista, Illinois 62226
618.555.8877 (Phone)
618.555.8877 (Fax)
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11/27/2013
01.000013
20-086266

USER NAME =	DESIGNED - MLC	REVISED -
CHECKED - MMC	REVISOR -	
PLOT SCALE =	DRAWN - MLC	REVISED -
PLOT DATE =	CHECKED - MMC	REVISED -



MAIN SPANS - SUPERSTRUCTURE TYPICAL SECTION
(Looking Upstation)



APPROACH SPANS - SUPERSTRUCTURE TYPICAL SECTION
(Looking Upstation)

Note:
See Roadway Plans for additional wearing surface details.

MODEL: Default
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Professional Engineering Group
11777 W. 93rd S.
Morton, IL 61550-2877
618-237-1000
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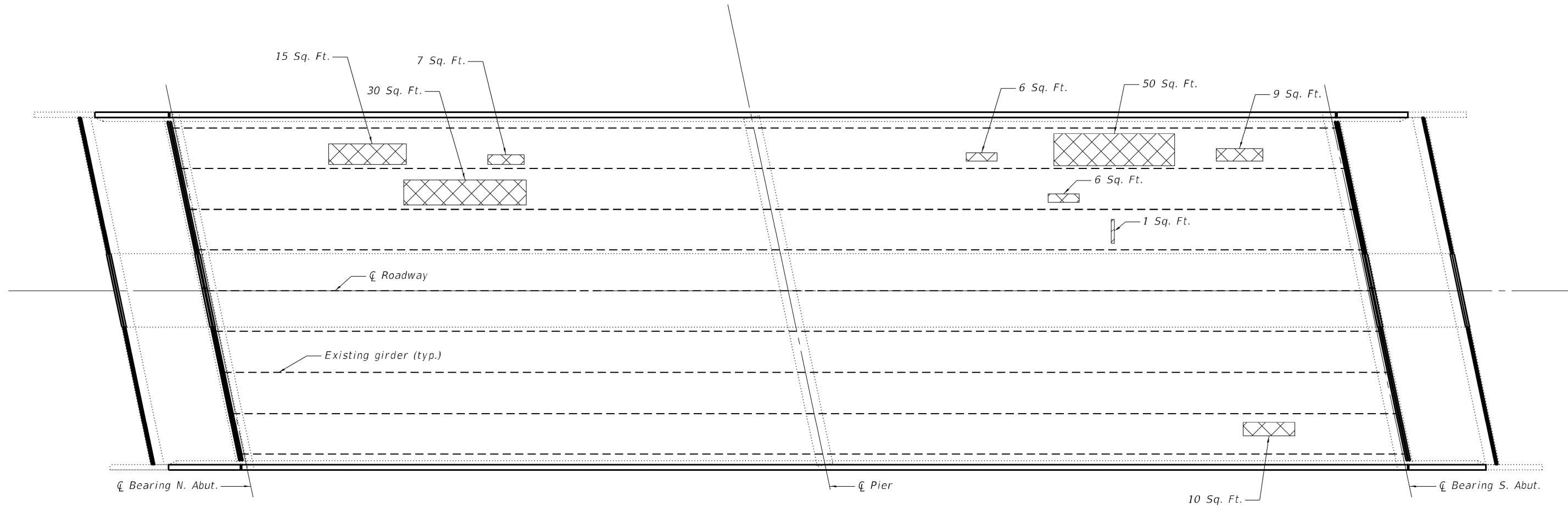
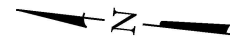
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CHECKED - JW	CHECKED - JW	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE TYPICAL SECTION
STRUCTURE NO. 098-0065

SHEET 5 OF 9 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	18
CONTRACT NO. 64S04				
ILLINOIS FED. AID PROJECT				



PLAN VIEW

LEGEND

- Deck Slab Repair (Full Depth, Type I)
- Deck Slab Repair (Full Depth, Type II)

Note:
Quantity shown in the Bill of Material for Deck Slab Repair (Partial) is an estimate based on existing conditions at the time of the estimate. Final quantities and locations shall be determined by the Engineer in the field.

BILL OF MATERIAL

Item	Unit	Total
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	1
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	15
Deck Slab Repair (Partial)	Sq. Yd.	51

MODEL: Default
FILE NAME: P:\22-1005.04_W04_Bridge_Rehab0_IDOT\Structures\0980065-64504-006-DeckSlabRepairs.dgn

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Engineering Group, LLC
Professional Engineering Group
11877630
20-086263

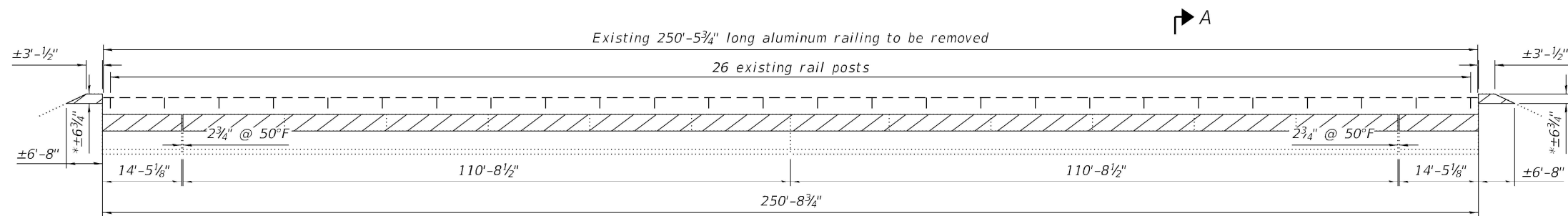
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PLOT SCALE =	CHECKED - JW	REVISED -
PLOT DATE =	DRAWN - MLC	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DECK SLAB REPAIRS
STRUCTURE NO. 098-0065**

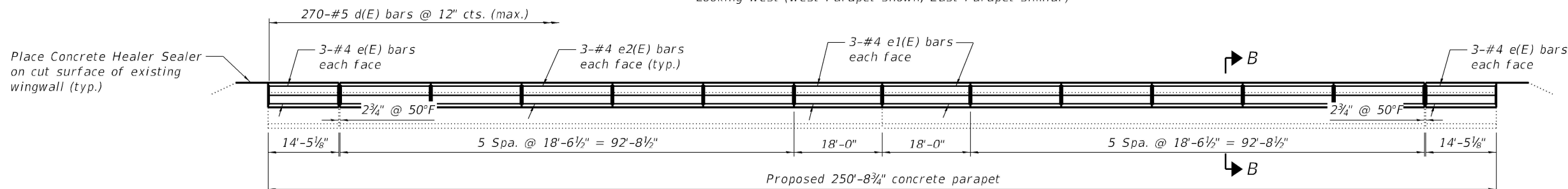
SHEET 6 OF 9 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	19
CONTRACT NO. 64S04				
ILLINOIS FED. AID PROJECT				



EXISTING PARAPET ELEVATION
Looking West (West Parapet shown, East Parapet similar)

* Top of existing wing to be cut flush with top of proposed parapet.



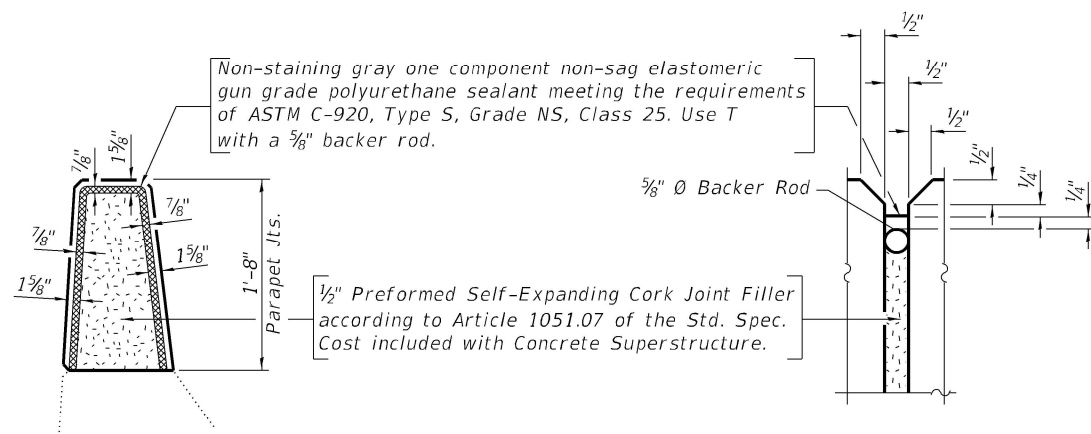
PROPOSED ELEVATION OF PARAPET
Looking West (West Parapet shown, East Parapet similar)

LEGEND

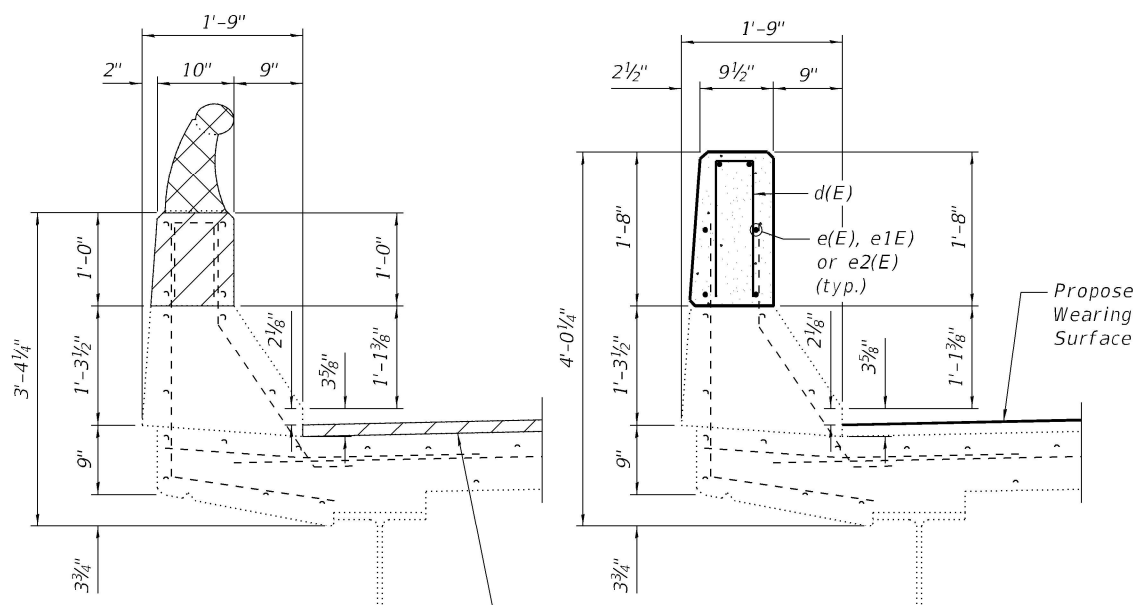
- Concrete Removal
- Bridge Rail Removal
- New Concrete

Note:

Existing reinforcement bars extending into the removal area shall be cleaned, straightened, and incorporated into new construction. Any reinforcement bars that are damaged during concrete removal operations shall be replaced at the Contractor's expense.

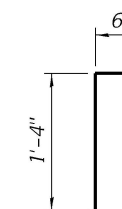


PARAPET JOINT DETAILS



SECTION A-A

SECTION B-B



BAR d(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	540	#5	3'-2"	
e(E)	24	#4	14'-1"	
e1(E)	24	#4	17'-8"	
e2(E)	120	#4	18'-2"	
Bridge Rail Removal			Foot	501
Concrete Removal			Cu. Yd.	16.6
Concrete Superstructure			Cu. Yd.	26.4
Reinforcement Bars, Epoxy Coated			Pound	3,750
Concrete Healer Sealer			Sq. Yd.	3

MODEL: Default
FILE NAME: P:\22-1005.04_W04_Bridge_Rehab0_IDOT\Structures\0980065-64504-006A-Parapet_repairs.dgn

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www.kaskaskiaeng.com
11/20/2022
11/20/23
20-088263

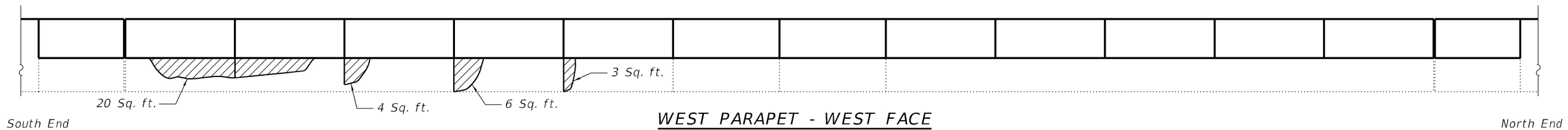
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PLOT SCALE =	CHECKED - MMC	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

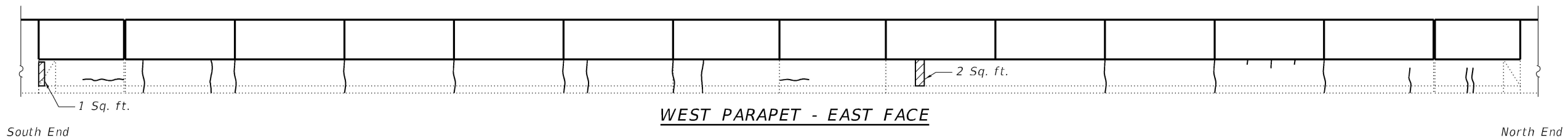
**PARAPET MODIFICATIONS
STRUCTURE NO. 098-0065**

SHEET 7 OF 9 SHEETS

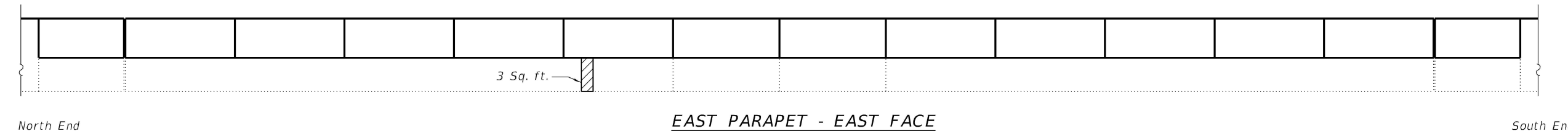
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	20
CONTRACT NO. 64S04				
ILLINOIS FED. AID PROJECT				



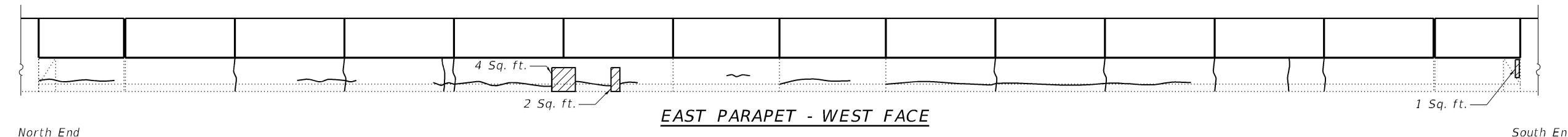
South End WEST PARAPET - WEST FACE North End



South End WEST PARAPET - EAST FACE North End



North End EAST PARAPET - EAST FACE South End



North End EAST PARAPET - WEST FACE South End

Note:
Quantities of Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches) and Epoxy Crack Injection are an estimate based on existing conditions at the time of the field visit (March 2023). Final quantities shall be determined by the Engineer in the field.

LEGEND

- Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)
- Epoxy Crack Injection

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	46
Epoxy Crack Injection	Foot	173

MODEL: Default
FILE NAME: P:\22-1005.04_W04_Bridge_Rehab0_IDOT\Structures\0980065-64504-006B-Parapet_Repairs.dgn



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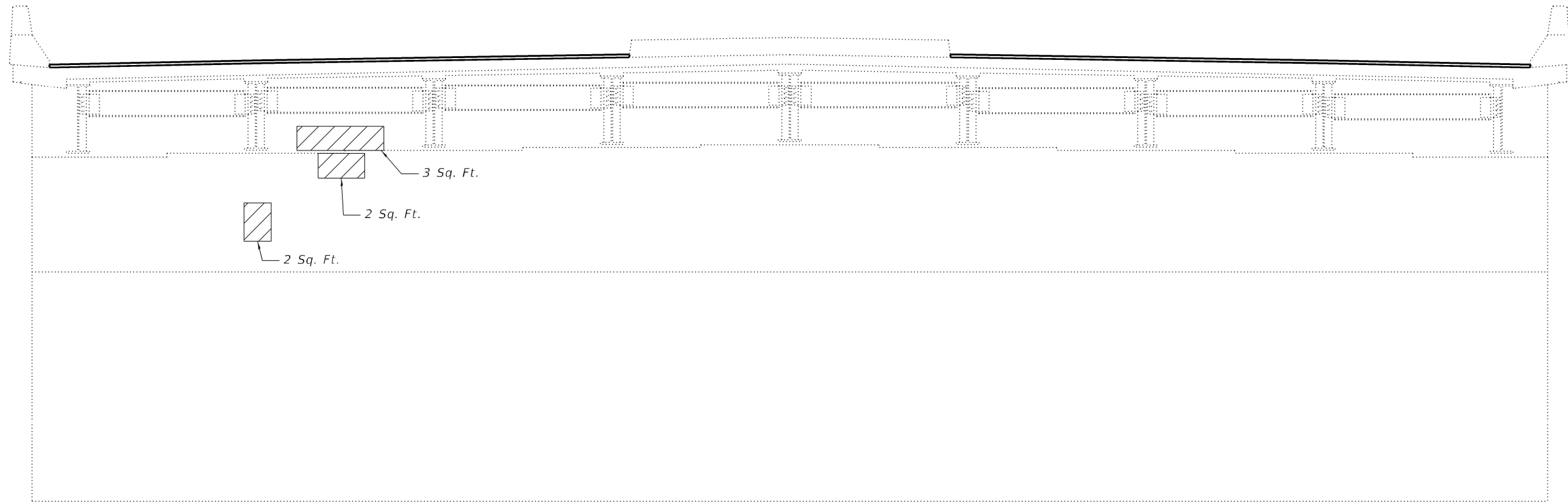
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PARAPET CONCRETE REPAIR
STRUCTURE NO. 098-0065**

SHEET 8 OF 9 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	21
CONTRACT NO. 64S04				
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE NAME: P:\22-1005.04_W04_Bridge_Rehab0_IDOT\Structures\0980065-64504-008-AbutmentRepairs.dgn



SOUTH ABUTMENT
 (Looking South)

LEGEND

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

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq. Ft.	7

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PLOT SCALE =	CHECKED - JW	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

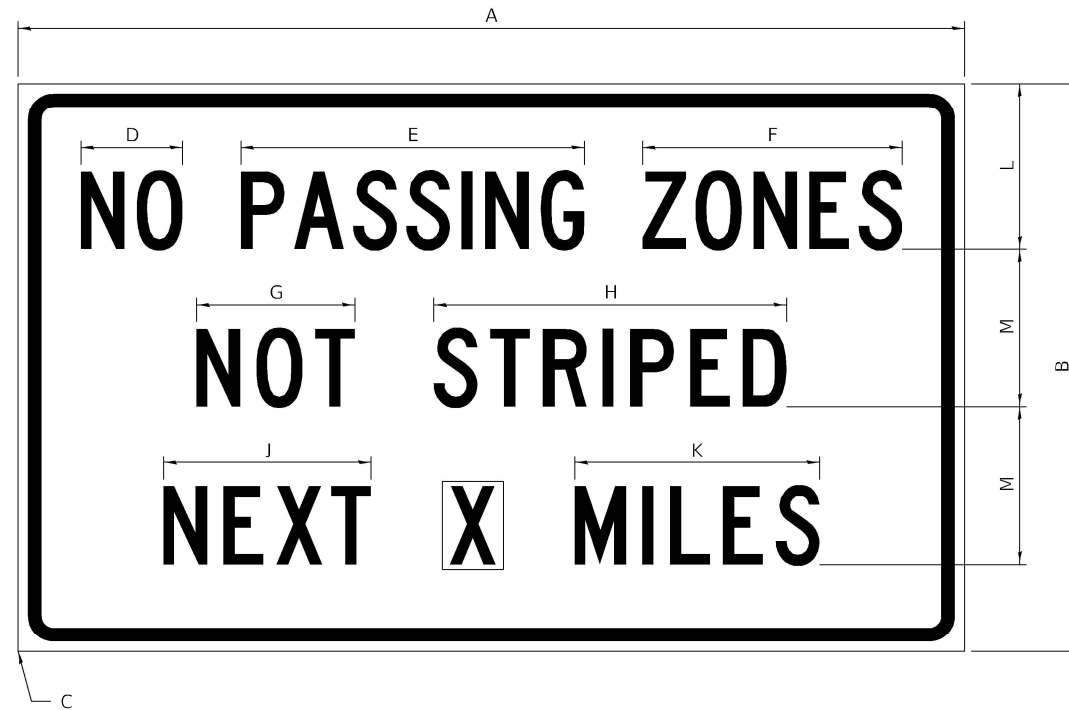
ABUTMENT REPAIRS
STRUCTURE NO. 098-0065

SHEET 9 OF 9 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	22
CONTRACT NO. 64S04				
ILLINOIS FED. AID PROJECT				

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD G20-I100



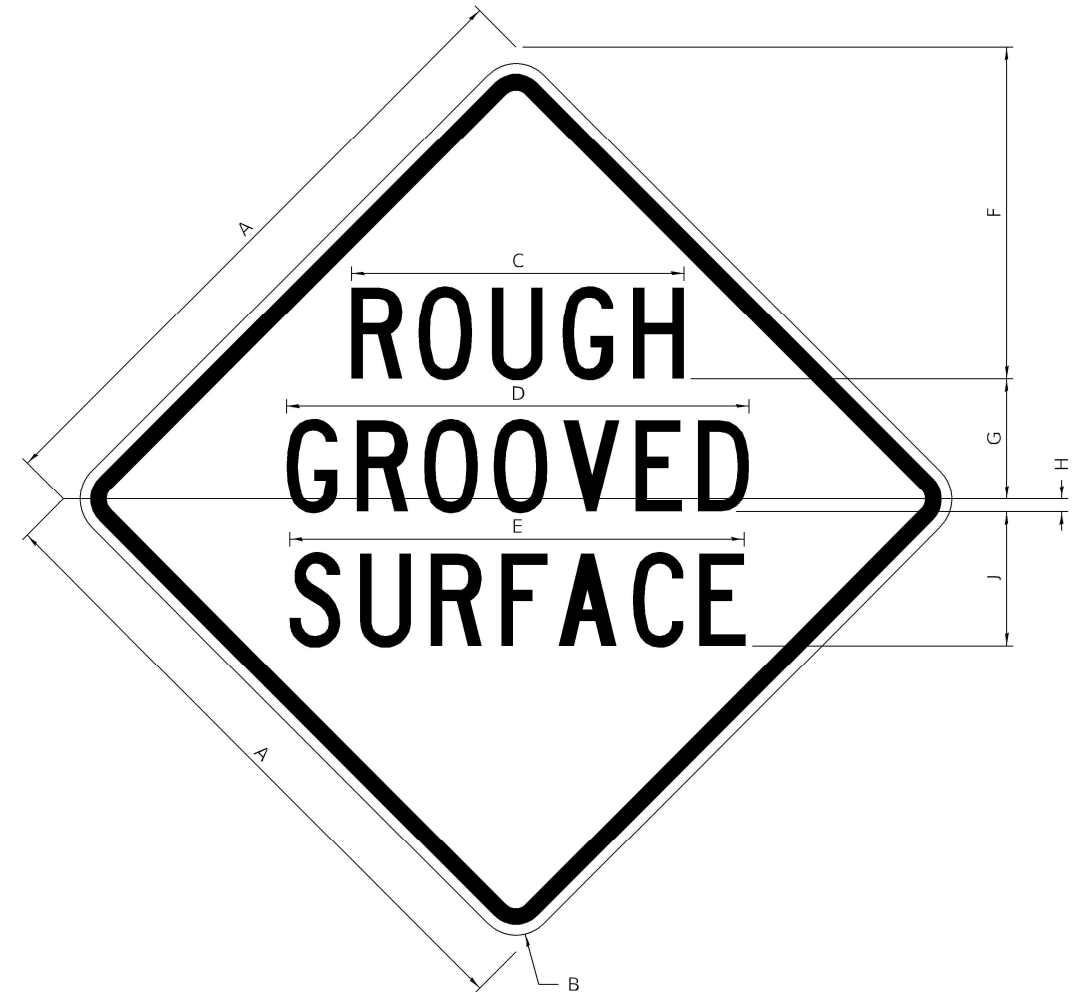
COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
60 x 36	60.00	36.00	2.25	6.4	21.80	16.40	10.00	22.40	13.20	15.50	10.50	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
60 x 36	5C	5C	5C	0.625	0.875

Sign not to scale

ILLINOIS STANDARD W8-I107



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS								
	A	B	C	D	E	F	G	H	J
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
48 x 48	7C	7C	7C	1.250	0.750

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

MODEL NUMBER: FILE NAME: SHEET:



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PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

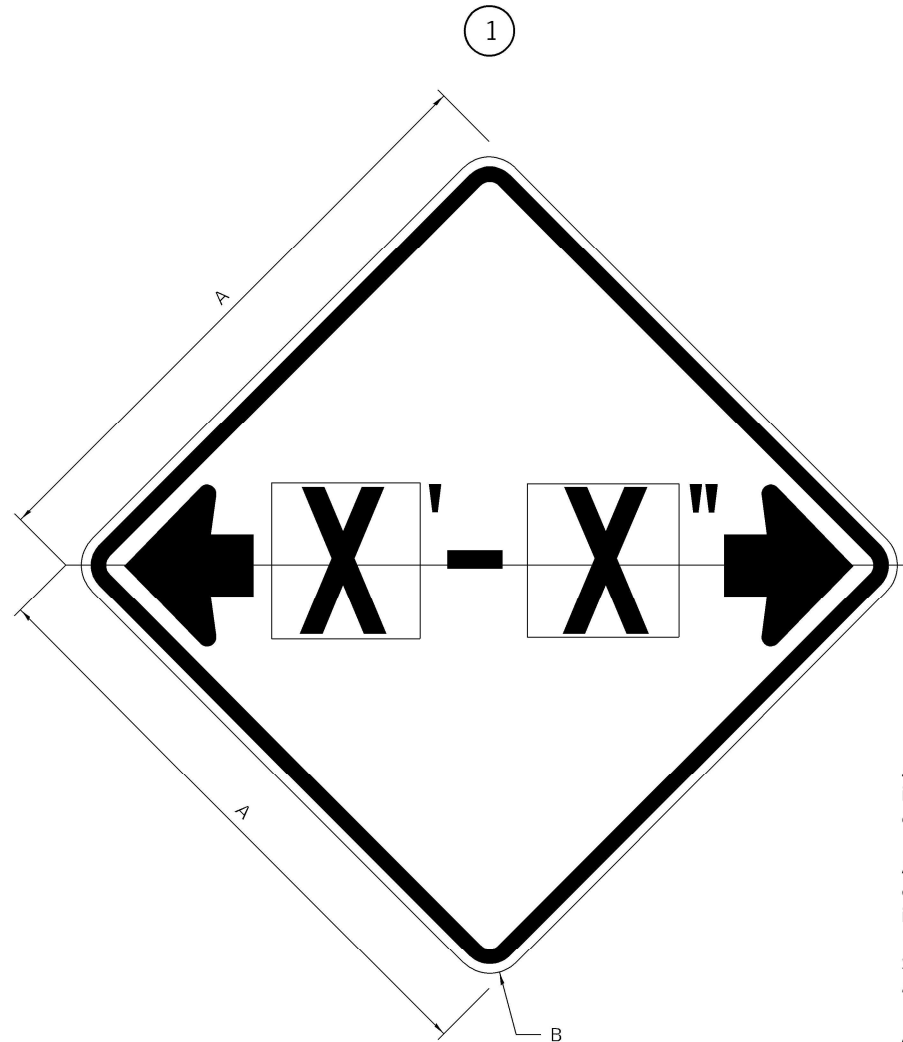
**REGION 2 / DISTRICT 2 STANDARD
IL 78 OVER INTERSTATE 88**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	23
CONTRACT NO. 64504				
ILLINOIS FED. AID PROJECT				

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD W12-I102



GENERAL NOTES

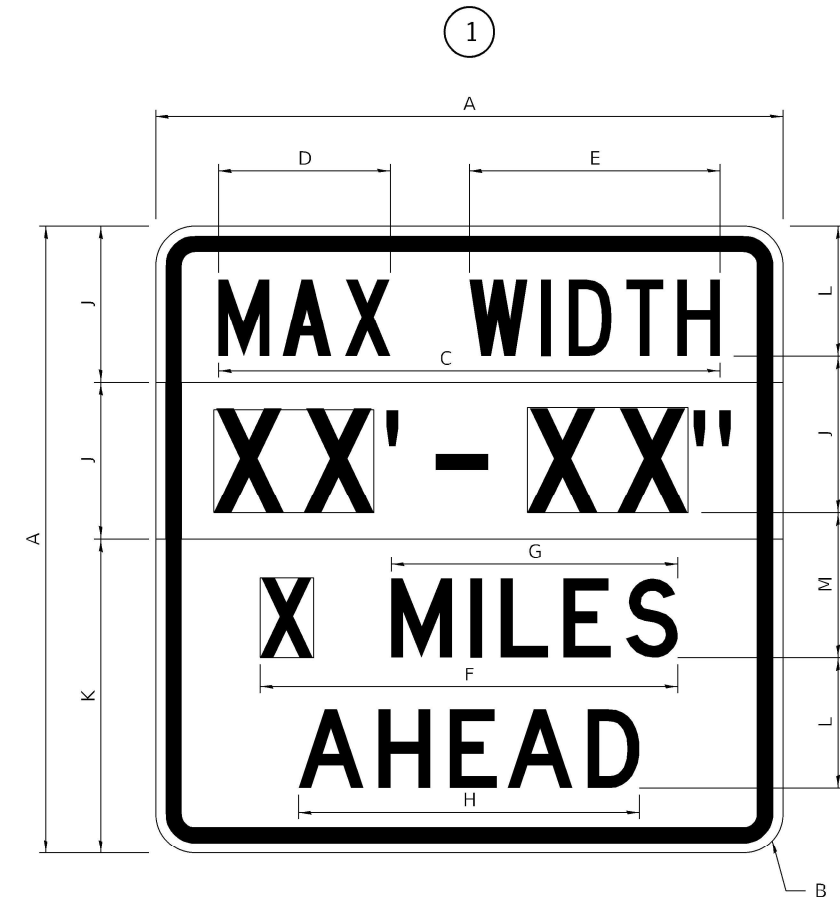
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

ILLINOIS STANDARD W12-I103



COLOR LEGEND AND BORDER BACKGROUND BLACK FL ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

① Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

SIGN SIZE	SERIES BY LINE	MARGIN	BORDER
	1		
48 x 48	12C	0.750	1.250

Sign not to scale

COLOR LEGEND AND BORDER BACKGROUND BLACK WHITE FL ORANGE NON-REFLECTORIZED REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
48 x 48	48.00	3.00	38.40	13.20	19.20	32.00	22.00	26.20	12.00	24.00	10.00	11.00

SIGN SIZE	SERIES BY LINE				MARGIN	BORDER
	1	2	3	4		
48 x 48	6C	8D	6D	6D	0.750	1.250

Sign not to scale

XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE

MODEL AND/OR SHEET FILE NAME: 011213



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PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = \$DATES	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REGION 2 / DISTRICT 2 STANDARD
IL 78 OVER INTERSTATE 88**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	24
CONTRACT NO. 64504				
ILLINOIS FED. AID PROJECT				

WORK ZONE SIGN DETAILS

ROAD CLOSED TO OVERSIZED LOADS



STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border;
 [NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D;
 Table of letter and object lefts.

N	O	O	V	E	R	S	I	Z	E	-
11.7	18.1	30.0	36.2	42.8	48.4	54.4	60.7	63.5	69.5	80.8

O	V	E	R	W	E	I	G	H	T	L	O	A	D	S
2.6	8.6	15.0	20.4	26.2	33.4	38.8	41.3	47.4	53.2	64.5	69.9	75.9	82.9	88.7

X	X	M	I	L	E	S	A	H	E	A	D
7.6	13.6	25.3	32.3	35.1	40.6	46.2	57.9	65.1	71.4	76.6	83.7

Sign not to scale

COLOR LEGEND AND BORDER BACKGROUND BLACK WHITE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	SERIES BY LINE		
	1	2	3
24 x 24	4C	4C	4C

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

MODEL: 140821MMMS
FILE NAME: 011213



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	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

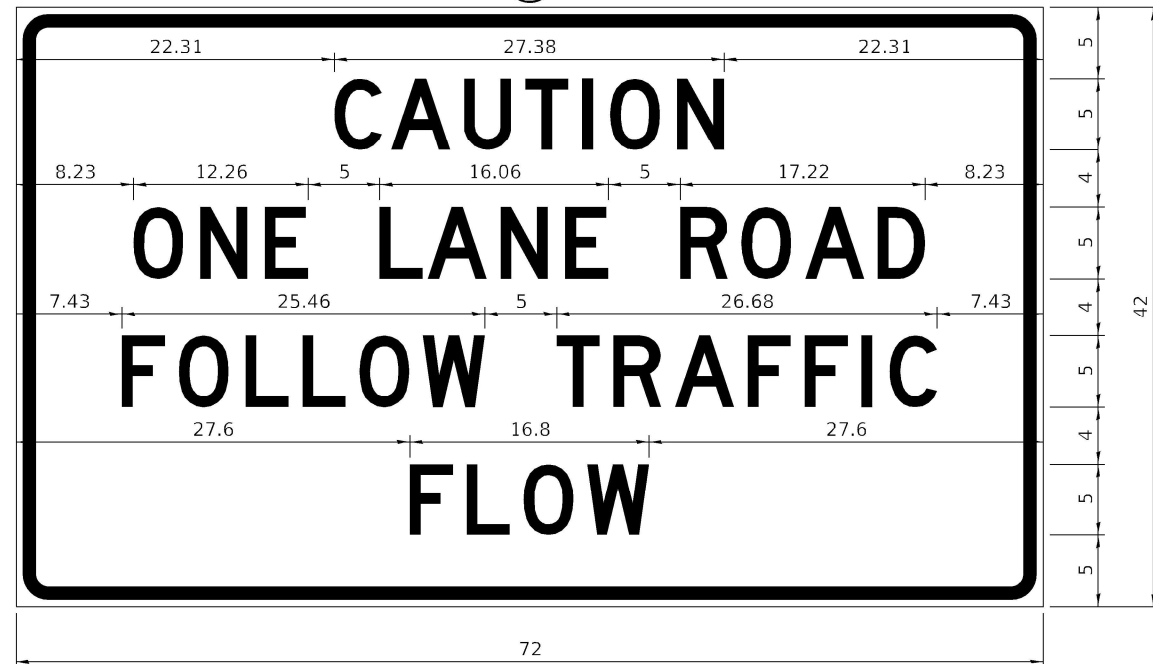
REGION 2 / DISTRICT 2 STANDARD
IL 78 OVER INTERSTATE 88

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	25
CONTRACT NO. 64504				
ILLINOIS FED. AID PROJECT				

**ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS**

2



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

2.25" Radius, 0.88" Border, 0.50" Indent;
[CAUTION] D; [ONE LANE ROAD] D;
[FOLLOW TRAFFIC] D; [FLOW] D

2 This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

22.31	C	0.62	A	0.94	U	0.94	T	0.94	I	1.17	O	1.17	N	3.36	22.31
-------	---	------	---	------	---	------	---	------	---	------	---	------	---	------	-------

8.23	O	1.17	N	1.18	E	3.04
------	---	------	---	------	---	------

5.00	L	0.31	A	0.94	N	1.17	E	3.05
------	---	------	---	------	---	------	---	------

5.00	R	0.93	O	0.94	A	0.93	D	3.36	8.23
------	---	------	---	------	---	------	---	------	------

7.43	F	0.94	O	1.17	L	0.94	L	3.05	0.94	O	3.51	0.94	W	4.37
------	---	------	---	------	---	------	---	------	------	---	------	------	---	------

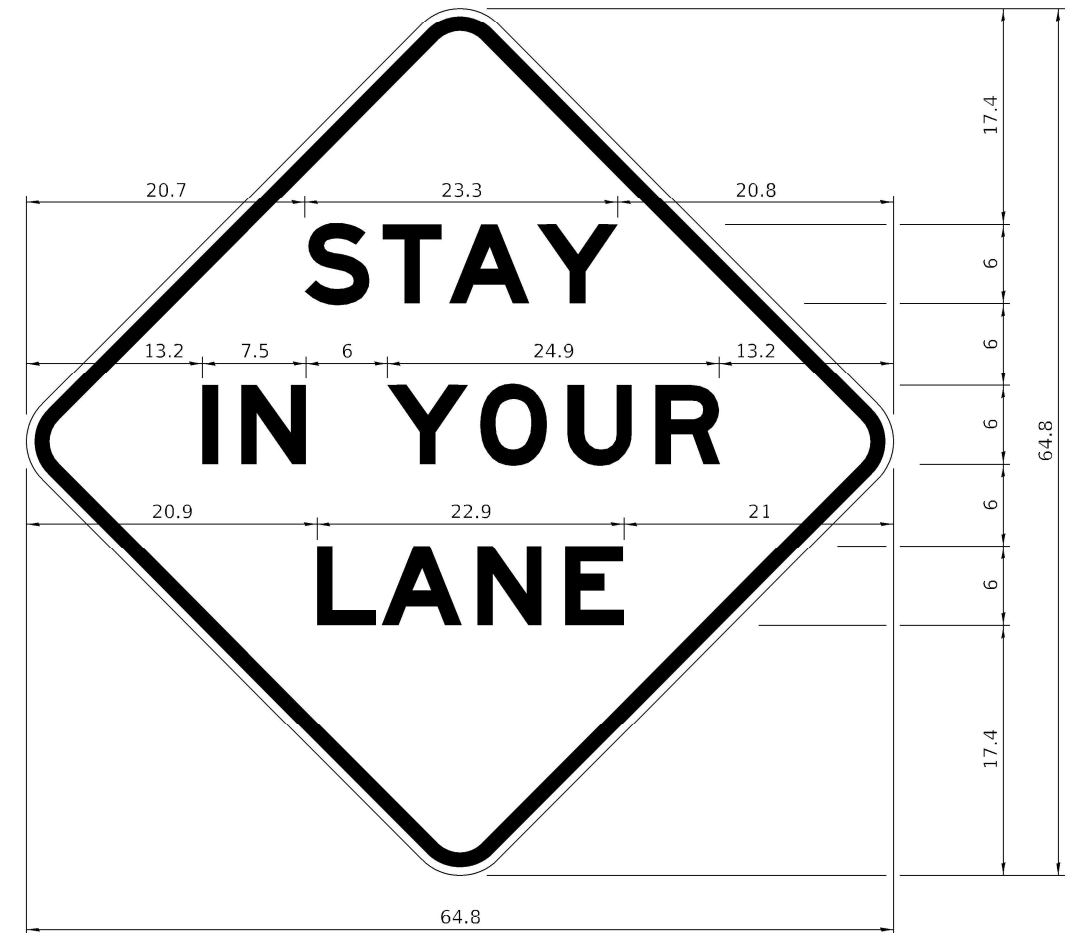
5.00	T	0.94	R	0.94	A	0.93	F	0.94	F	3.04	0.94	I	1.18	C	3.35	7.43
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27.60	F	0.94	L	0.94	O	0.93	W	4.38	27.60
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Sign not to scale

WORK ZONE SIGN DETAILS

STAY IN YOUR LANE



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent;
"STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

Table of Letter and Object Lefts

S	T	A	Y
20.7	26.8	31.6	38.0

I	N	Y	O	U	R
13.2	15.9	26.7	33.9	40.5	46.8

L	A	N	E
20.9	25.8	33.1	39.4

Sign not to scale

GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REGION 2 / DISTRICT 2 STANDARD
IL 78 OVER INTERSTATE 88**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	26
CONTRACT NO. 64504				

SCALE: SHEET OF SHEETS STA. TO STA.

MODEL AND/OR FILE NAME: 8/11/11



USER NAME = \$USERS
DESIGNED -
DRAWN -
CHECKED -
DATE -
PLOT SCALE = \$SCALE\$
PLOT DATE = \$DATES\$

REVISOR -
REVISION -
REVISION -
REVISION -

REVISOR -
REVISION -
REVISION -
REVISION -

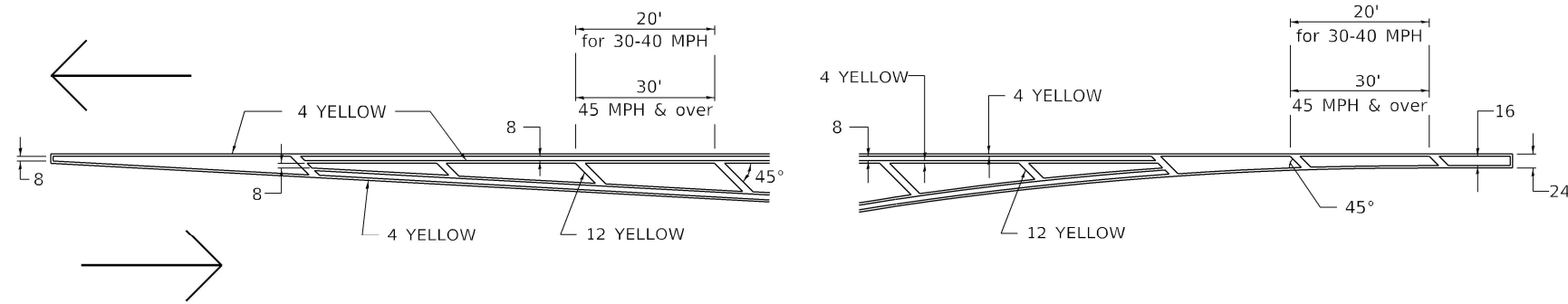
SCALE: SHEET OF SHEETS STA. TO STA.

SCALE: SHEET OF SHEETS STA. TO STA.

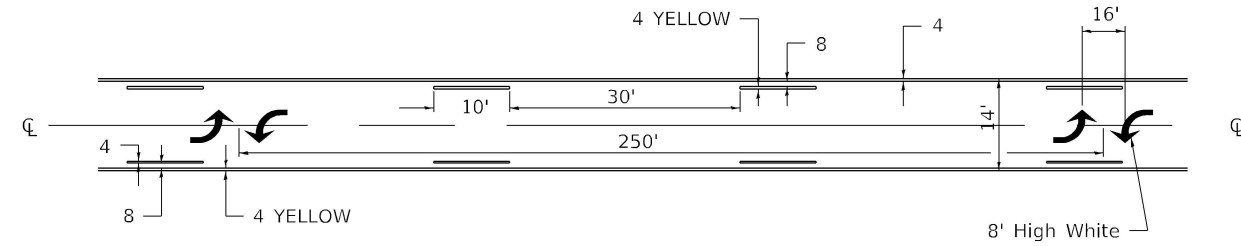
ILLINOIS FED. AID PROJECT

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

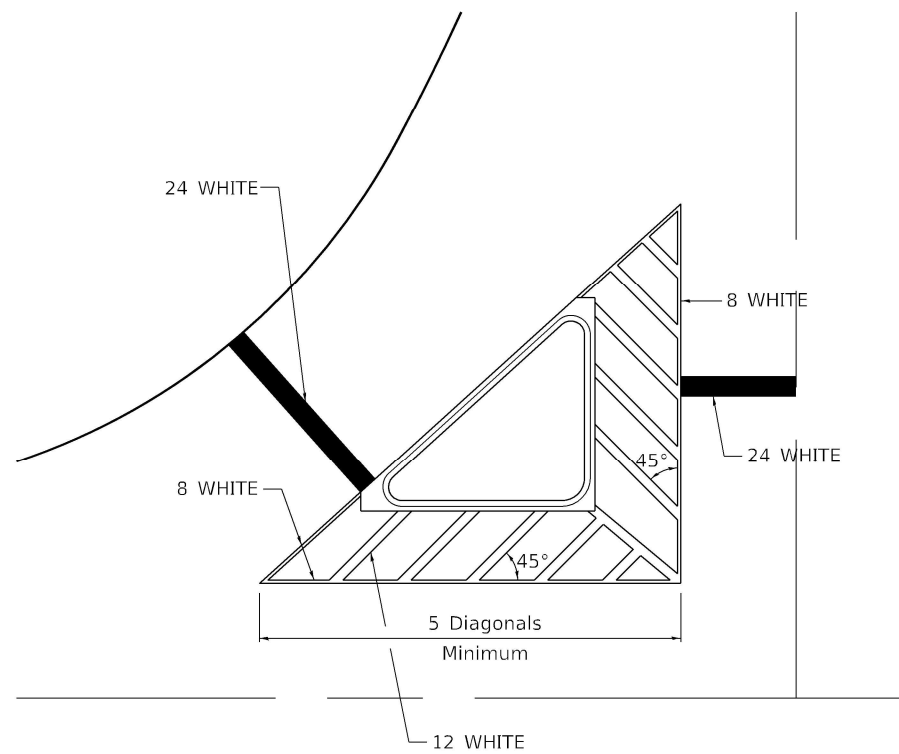


MEDIAN PAVEMENT MARKING



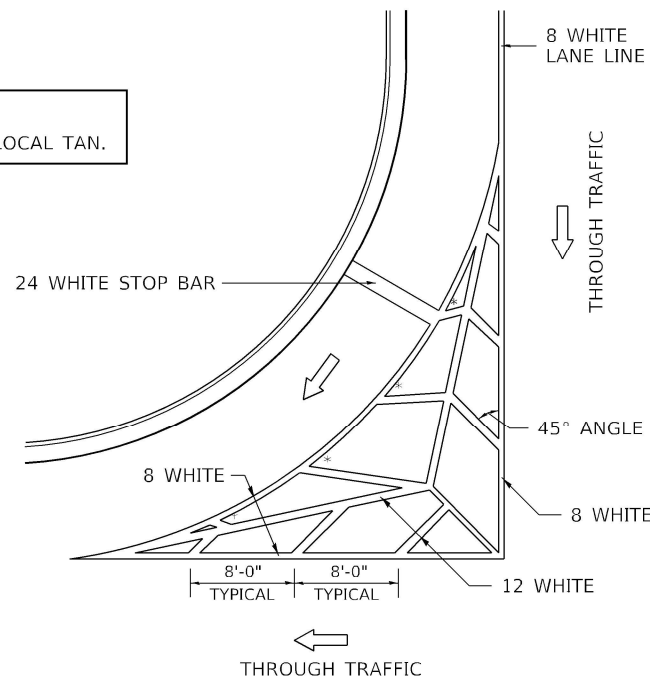
** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



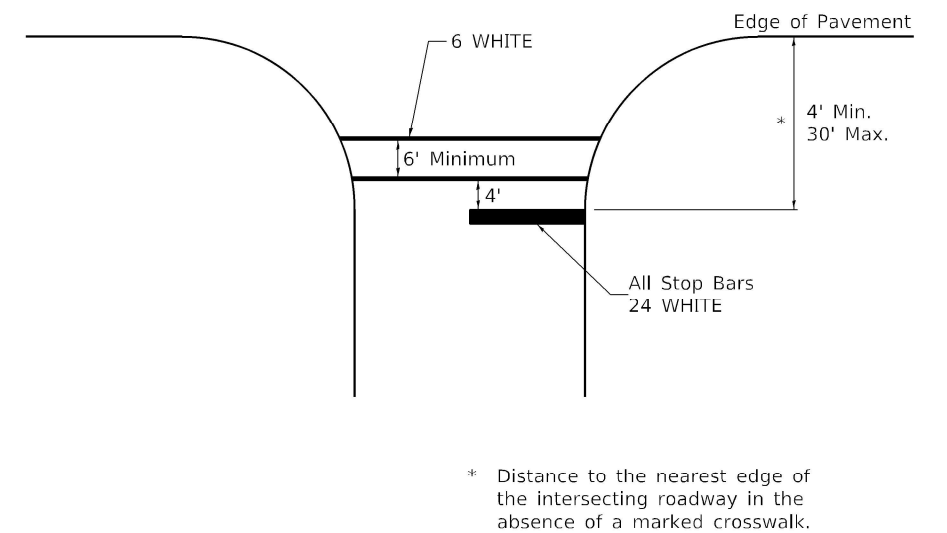
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations



MODEL NUMBER: 11/11/11
FILE NAME: 11/11/11



180 E. Main St., Suite 100
Bella Vista, Illinois 62226
618.255.2877
618.255.2877 Fax
www.kaskaskiaeng.com

PROFESSIONAL ENGINEERING
Illinois Professional Design Firm
Professional Engineering Service
11/11/11
11/11/11
11/11/11

USER NAME = \$USERS
DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISOR -
REVISOR -
REVISOR -
REVISOR -

PILOT SCALE = \$SCALE\$
PLOT DATE = \$DATES\$

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD
IL 78 OVER INTERSTATE 88

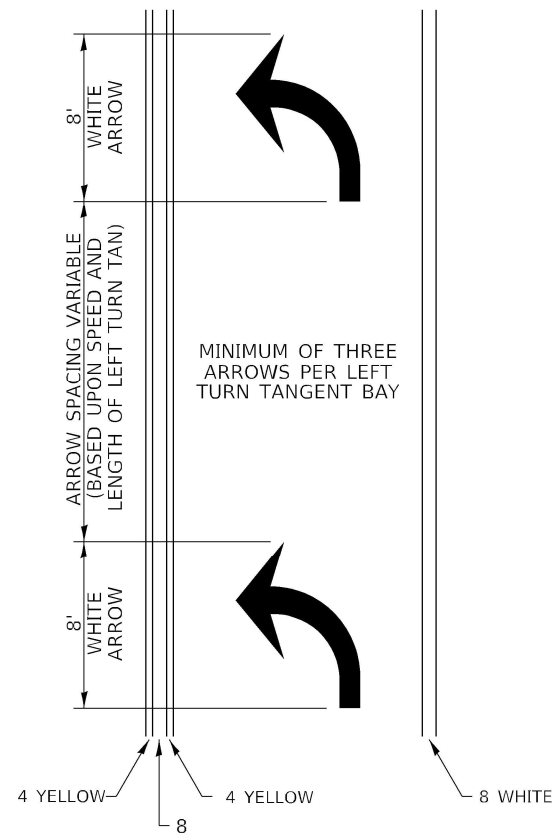
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	27
CONTRACT NO. 64504				

ILLINOIS FED. AID PROJECT

TYPICAL PAVEMENT MARKINGS

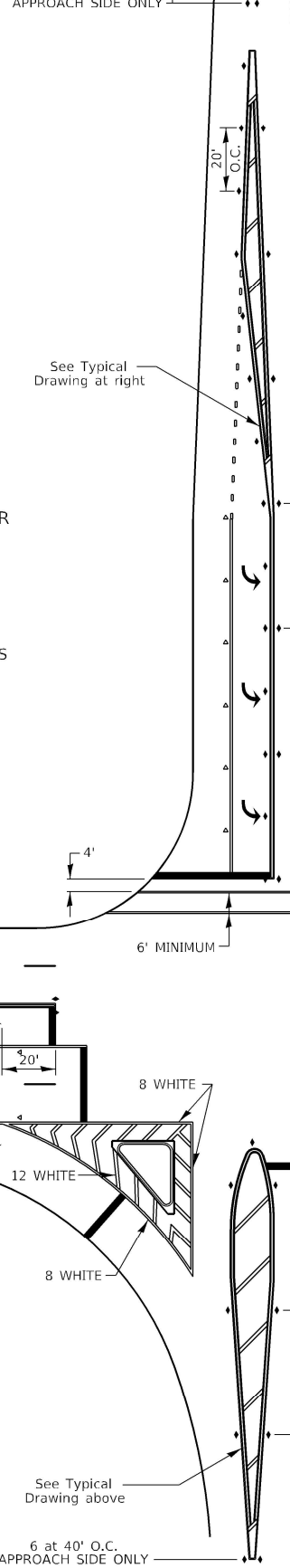
ARROW LAYOUT



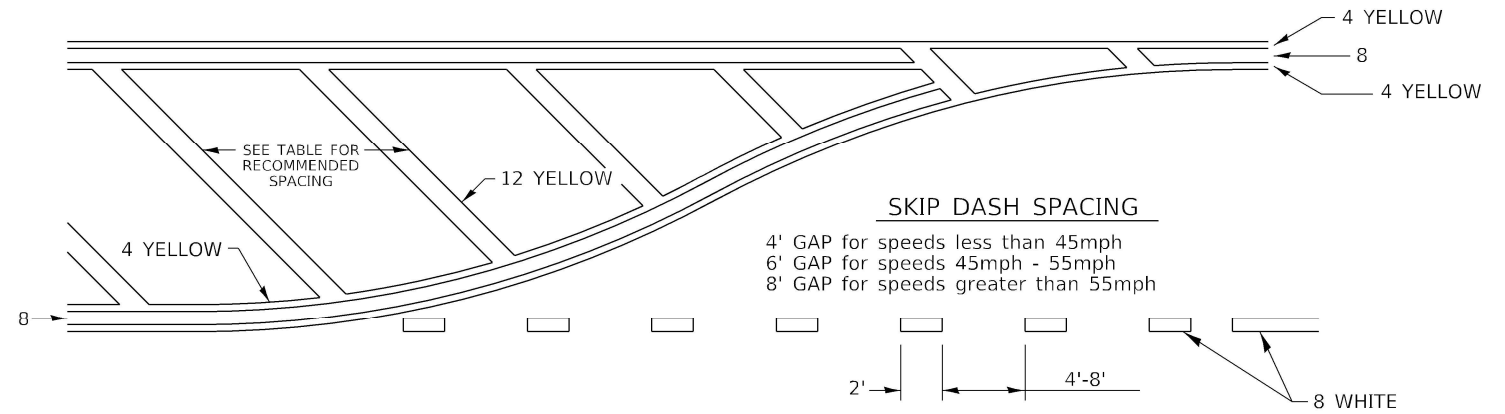
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

6 at 40' O.C. APPROACH SIDE ONLY



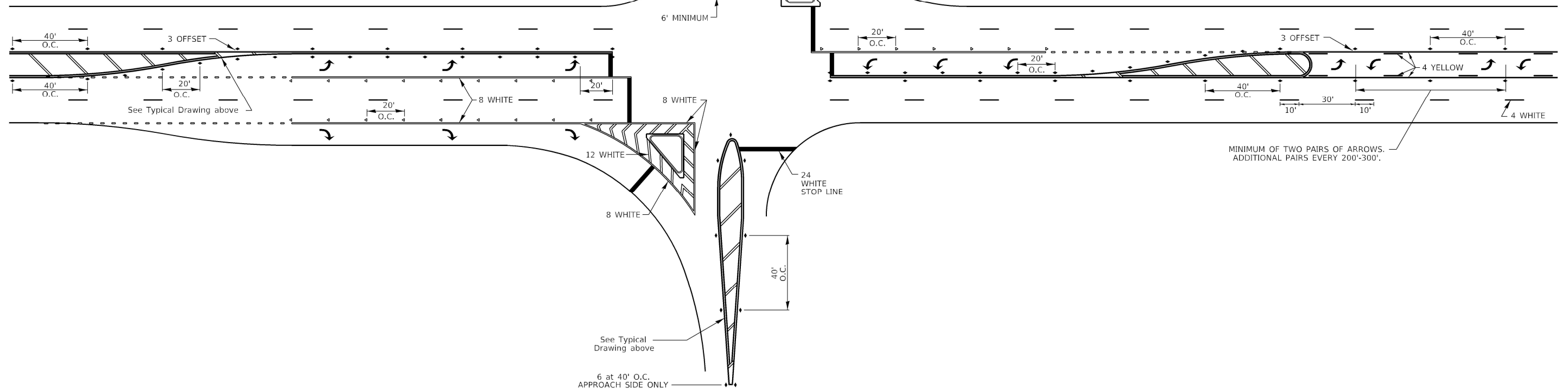
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



MODEL NUMBER: 11/15/11
FILE NAME: 11/15/11



200 E. Main St., Suite 100
Bella Vista, Illinois 62226
618.252.2877 (phone)
618.252.2877 (fax)
www.kaskaskiaeng.com

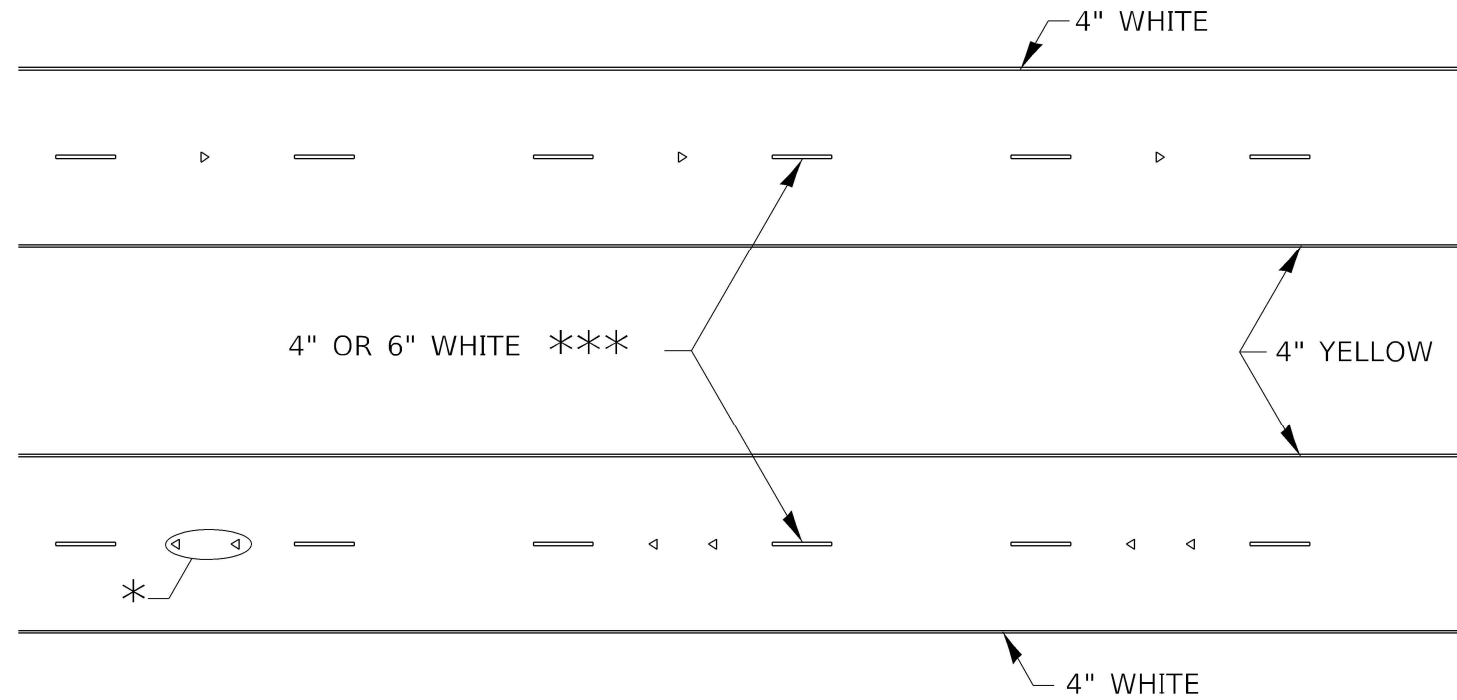
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PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = \$DATES	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD
IL 78 OVER INTERSTATE 88

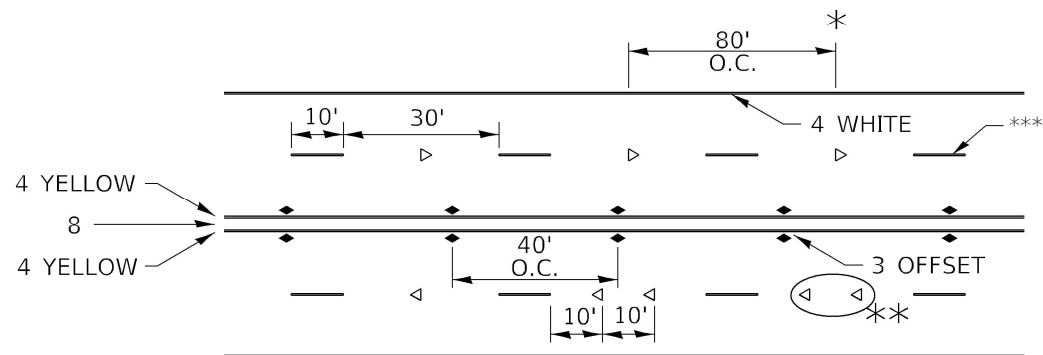
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	28
CONTRACT NO. 64504				
ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT ≥ 20,000.

MULTI-LANE / DIVIDED



* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

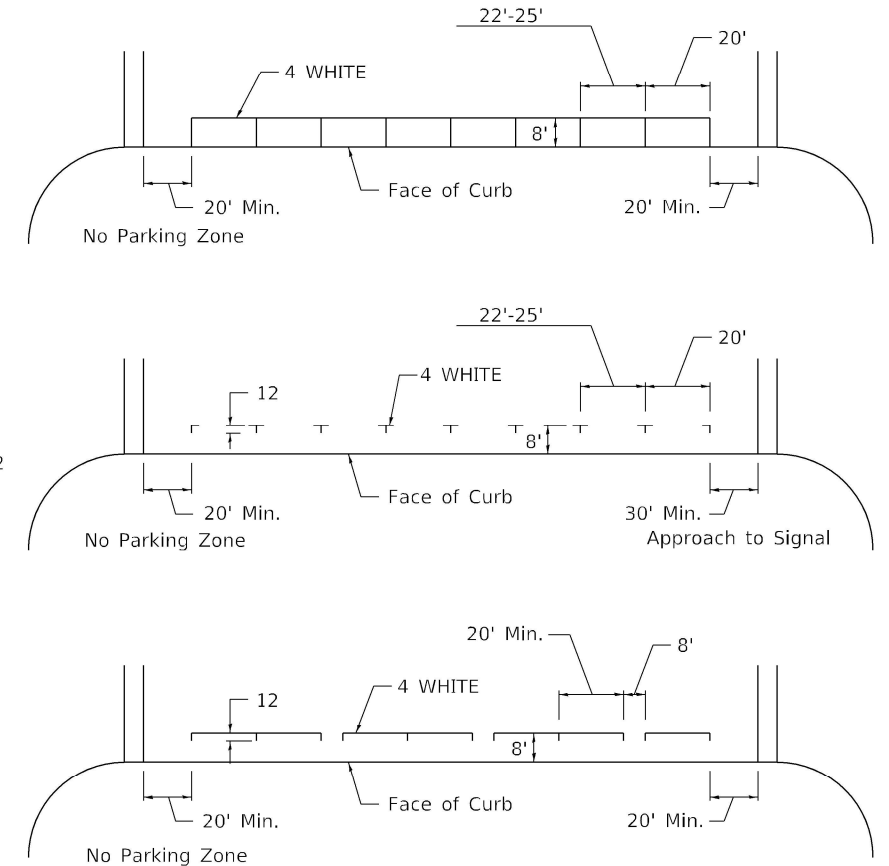
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

*** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

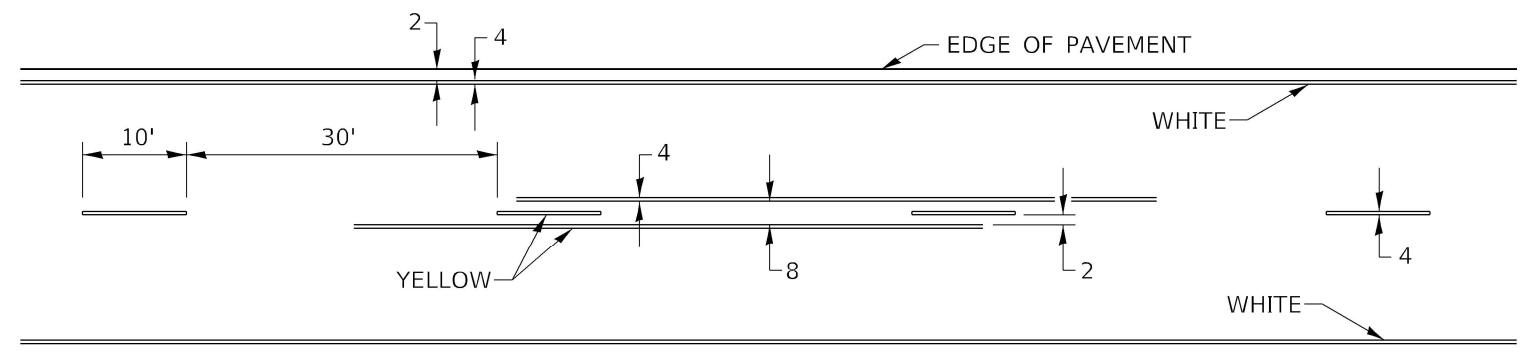
MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



SYMBOLS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

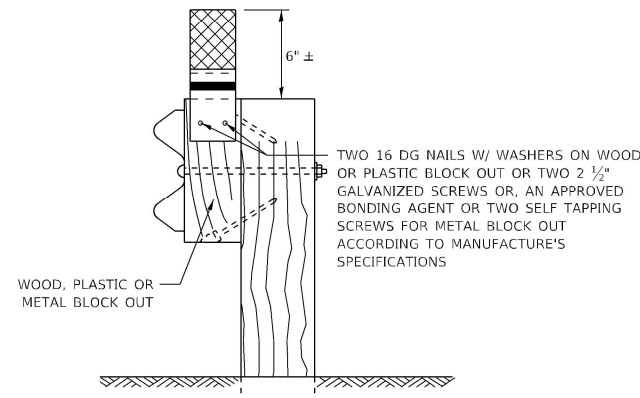
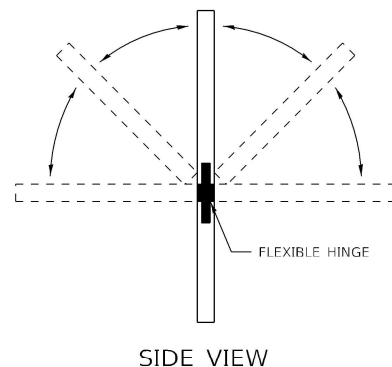
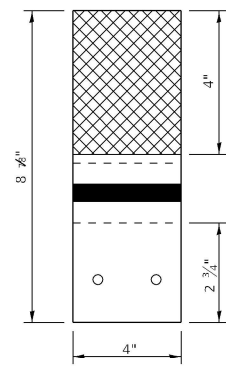
REGION 2 / DISTRICT 2 STANDARD
IL 78 OVER INTERSTATE 88

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	29
CONTRACT NO. 64504				

SCALE: SHEET OF SHEETS STA. TO STA.

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = \$DATES\$	CHECKED -	REVISED -
	DATE -	REVISED -

GUARDRAIL REFLECTORS, TYPE C (SPECIAL)

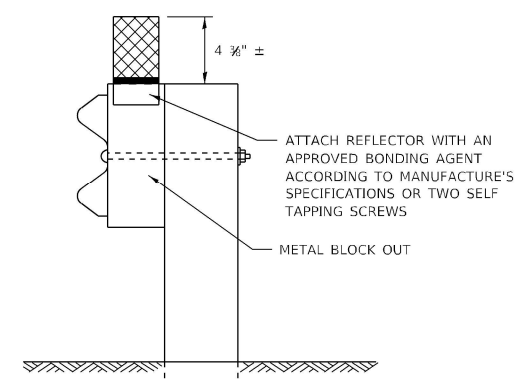
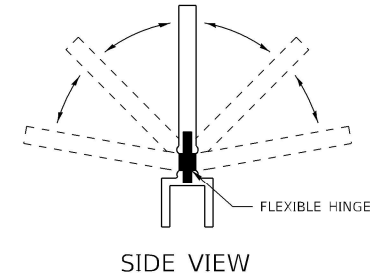
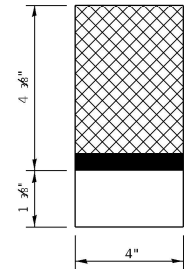


MOUNTED ON A WOOD OR PASTIC GUARDRAIL BLOCK OUT

REFLECTORS SHALL BE MOUNTED DIRECTLY TO WOOD OR PLASTIC BLOCK OUTS.

REFLECTORS MOUNTED ON WOODEN OR PLASTIC BLOCK OUT SHALL BE MOUNTED USING TWO 16 DG NAILS AND TWO 3/16" WASHERS OR TWO 2 1/2" GALVANIZED SCREWS WITH WASHERS.

REFLECTORS MOUNTED ON WOOD OR PLASTIC GUARDRAIL BLOCK OUT



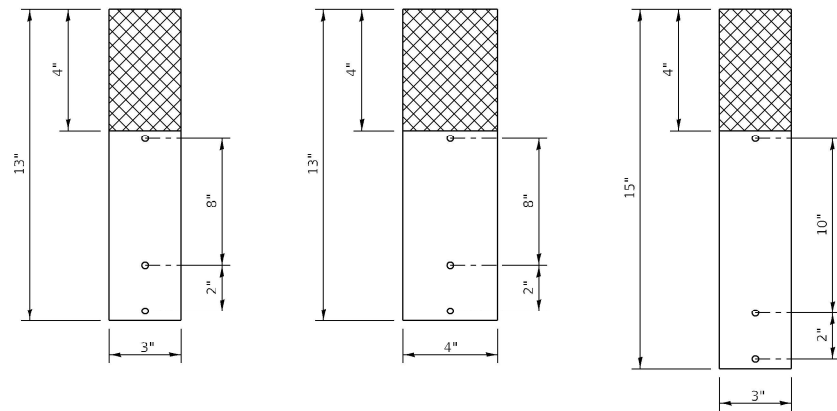
MOUNTED ON A METAL GUARDRAIL BLOCK OUT

REFLECTORS SHALL BE MOUNTED DIRECTLY TO METAL BLOCK OUT.

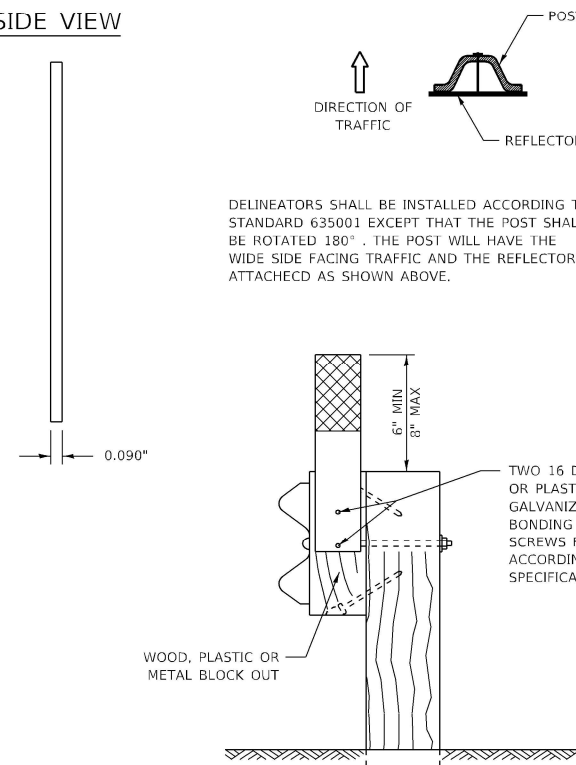
REFLECTORS MOUNTED ON METAL BLOCK OUT SHALL BE MOUNTED USING AN APPROVED BONDING AGENT PER THE MANUFACTURE'S SPECIFICATIONS OR TWO SELF TAPPING GALVANIZED SCREWS WITH WASHERS.

REFLECTORS MOUNTED ON METAL GUARDRAIL BLOCK OUT

STRAIGHT GUARDRAIL / DELINEATOR REFLECTOR



SIDE VIEW

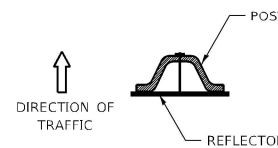


DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE REFLECTOR ATTACHED AS SHOWN ABOVE.

MOUNTED ON A WOOD OR PASTIC GUARDRAIL BLOCK OUT

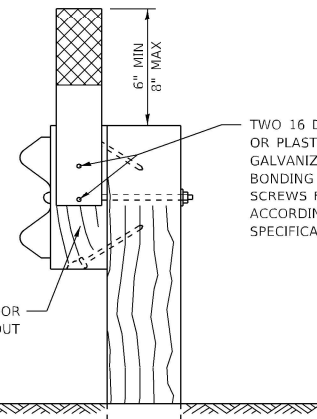
REFLECTORS MAY BE MOUNTED TO DELINEATOR POST USING TWO 10/24 X 1 1/2" BOLTS WITH NUTS AND WASHERS.

ADDITIONAL HOLES SHALL BE DRILLED IN THE REFLECTORS AS SHOWN ABOVE.



ADDITIONAL SHEETING MAY BE ADDED AS NEEDED FOR TURN AROUNDS AS SHOWN IN THE PLANS

10/24 X 1 1/2" BOLTS WITH WASHERS AND NUT (ADDITIONAL HOLES MAY BE DRILLED AS NEEDED)



TWO 16 DG NAILS W/ WASHERS ON WOOD OR PLASTIC BLOCK OUT OR TWO 2 1/2" GALVANIZED SCREWS OR, AN APPROVED BONDING AGENT OR TWO SELF TAPPING SCREWS FOR METAL BLOCK OUT ACCORDING TO MANUFACTURE'S SPECIFICATIONS

MOUNTED ON A DELINEATOR POST

TOP OF REFLECTOR PLACED FLUSH WITH TOP OF POST UNLESS DOUBLE SIDED REFLECTOR IS CALLED FOR, THEN REFLECTOR SHALL BE PLACED SUCH THAT THE REFLECTOR IS ABOVE THE TOP OF THE POST AND VISIBLE.

NOTE:

REFLECTORS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR GUARDRAIL REFLECTORS, TYPE C (SPECIAL), WHICH PRICE SHALL ALSO INCLUDE SCREWS/NAILS, WASHERS OR BONDING AGENT.

REFLECTORS INSTALLED ON TWO LANE ROADS SHALL BE DOUBLE SIDED AND BOTH SIDES SHALL BE CRYSTAL.

REFLECTORS INSTALLED ON DIVIDED HIGHWAYS SHALL BE SINGLE SIDED CRYSTAL.

SHEETING COLOR SHALL BE CALLED OUT IN THE PLANS.

SPACING FOR REFLECTORS SHALL BE ACCORDING TO STANDARD 782006 UNLESS OTHERWISE NOTED IN THE PLANS.

REFLECTORS MOUNTED ON GUARDRAIL SHALL BE 4" WIDE.

REFLECTORS MOUNTED ON DELINEATOR POST SHALL BE 3" WIDE.

MODEL NUMBER: REFLECTOR
FILE NAME: REFLECTOR

Kaskaskia
Engineering Group, LLC
Professional Engineering Group

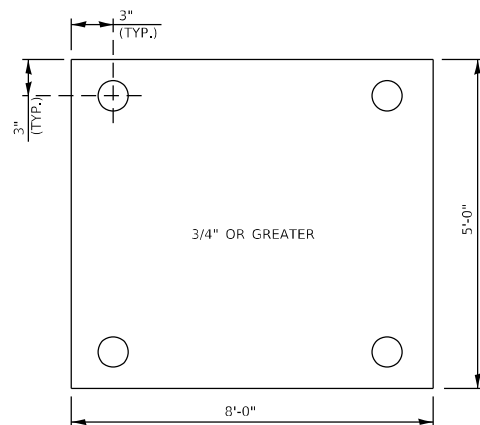
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PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = \$DATE\$	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD
IL 78 OVER INTERSTATE 88

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	30
CONTRACT NO. 64504				

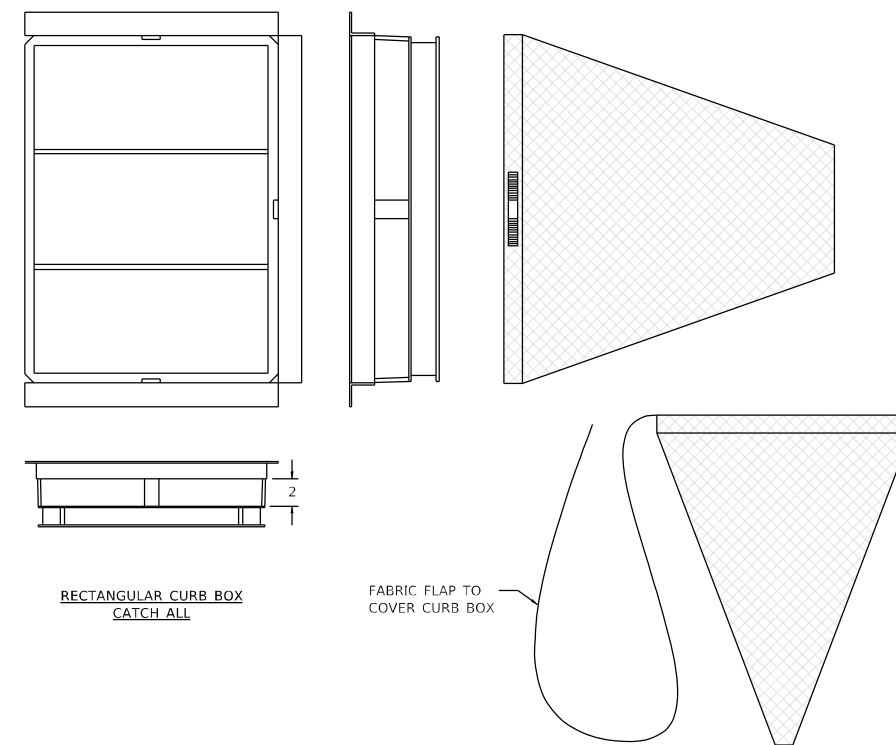


STEEL PLATE DETAIL

N.T.S.

STEEL PLATE NOTES:

1. DURING MOT STAGE 1, THE APPROACH DRAIN AT THE CORNERS OF THE BRIDGES NEED TO BE PROTECTED WITH 3/4" (MIN.) STEEL PLATE ANCHORED WITH 4 ANCHOR BOLTS INTO THE PAVEMENT.
2. THE EDGES OF THE STEEL PLATE SHALL BE TAPERED WITH HMA TO AVOID BUMP FOR TRAFFIC.



**RECTANGULAR CURB BOX
CATCH ALL**

**FABRIC FLAP TO
COVER CURB BOX**

INLET FILTER NOTES:

FRAME: TOP FLANGE FABRICATED FROM 1 1/2"x1 1/4"x1/2" ANGLE, BASE RIM FABRICATED FROM 1 1/2"x1/2"x1/2" CHANNEL, HANDLES AND SUSPENSION BRACKETS FABRICATED FROM 1 1/4"x1/2" FLAT STOCK. ALL STEEL CONFORMING TO ASTM-A36.

SEDIMENT BAG: BAG FABRICATED FROM 4 OZ./SQ.YD. NON-WOVEN POLYPROPYLENE GEOTEXTILE REINFORCED WITH POLYESTER MESH. BAG SECURED TO BASE RIM WITH A STAINLESS STEEL BAND AND LOCK.

INLET FILTER DETAIL

N.T.S.

MODEL: 440BRELAMES
FILE NAME: 87ELE1

Kaskaskia
Engineering Group, LLC
Professional Engineering Group

200 E. Main St., Suite 300
Moline, IL 61704-5229
618.233.2877
618.233.2977 Fax
www.kaskaskiaeng.com

1/17/2016 10:11
11/16/2015
20-088556

USER NAME = \$USER\$	DESIGNED -	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = \$DATE\$	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL DETAILS
IL 78 OVER INTERSTATE 88**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(195-2HB)BJR	WHITESIDE	31	31
CONTRACT NO. 64504				
ILLINOIS FED. AID PROJECT				