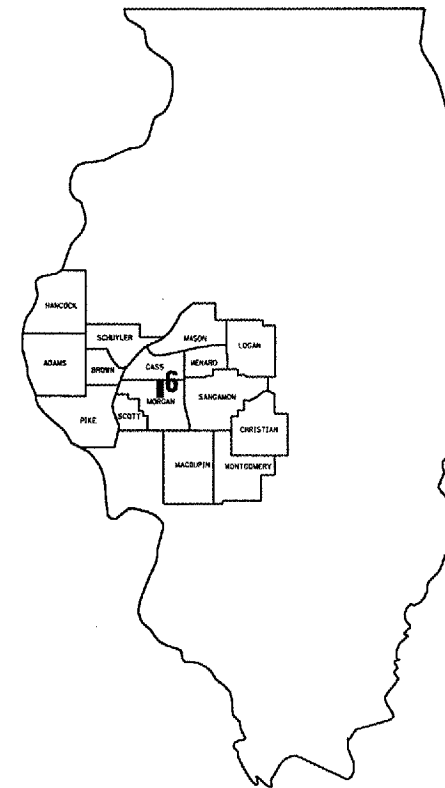


FOR INDEX OF SHEETS AND HIGHWAY
STANDARDS, SEE SHEET 2.

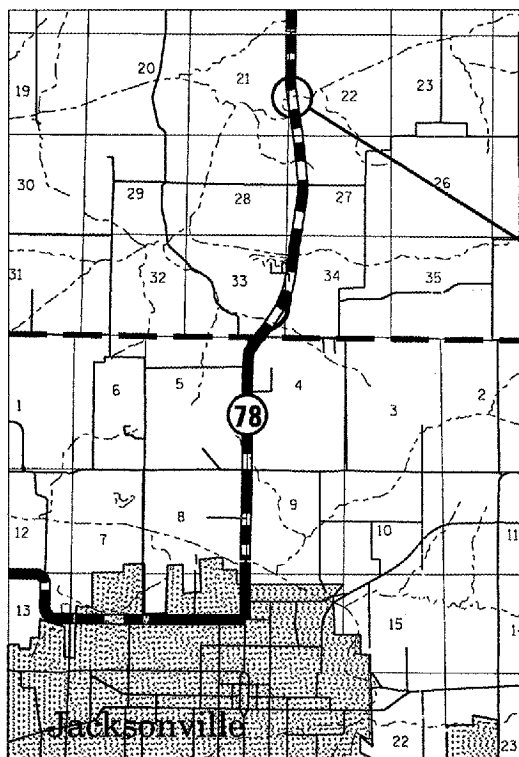
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 614 (IL 78) SECTION 147BR-1 MORGAN COUNTY C96-566-07 / D96-547-07



LOCATION OF SECTION INDICATED THUS: ■■■



SN 069-0003

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

D6 BRIDGE ENGINEER: STEVE BERAN
PHONE: (217) 785-9290

NET LENGTH OF SEC 481 FT=0.09 MILE

CONTRACT NO. 72B11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 29 20 07

Chris Reed
DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER

May 11 20 07

Eric E. Ham
Interim ENGINEER OF DESIGN AND ENVIRONMENT

May 11 20 07

Milton R. See
DIRECTOR, DIVISION OF HIGHWAYS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX, STANDARDS, GENERAL NOTES, MIX DESIGNS, & SIGNATURES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL CROSS SECTIONS
- 5 BRIDGE PLAN AND ELEVATION
- 6 MILLING AND RESURFACING DETAIL
- 7 EXPANSION JOINT DETAIL

STANDARDS

- 701001-01
701006-02
701201-02
702001-06

GENERAL NOTES

MIX DESIGNS

MIX	HMA SURF. CSE. MIX "C" N50
AC/PG	PG 64-22
DESIGN AIR VOIDS	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR 12.5
FRICTION AGGREGATE	MIX "C"

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6	
EXAMINED	March 2 20 07 <i>[Signature]</i> ENGINEER OF OPERATIONS
EXAMINED	Mar 8 20 07 <i>[Signature]</i> ENGINEER OF PROGRAM IMPLEMENTATION
EXAMINED	Mar 28 20 07 <i>[Signature]</i> ENGINEER OF PROGRAM DEVELOPMENT

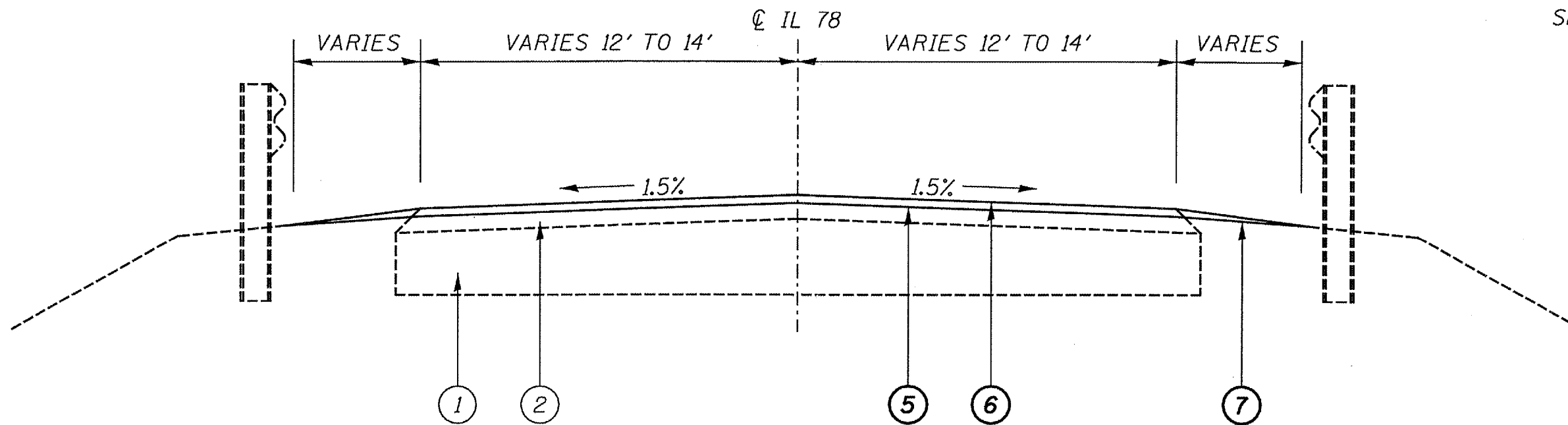
INDEX & GENERAL NOTES
FAP 614 (IL 78)
SECTION 147BR-1
COUNTY

S U M M A R Y O F Q U A N T I T I E S

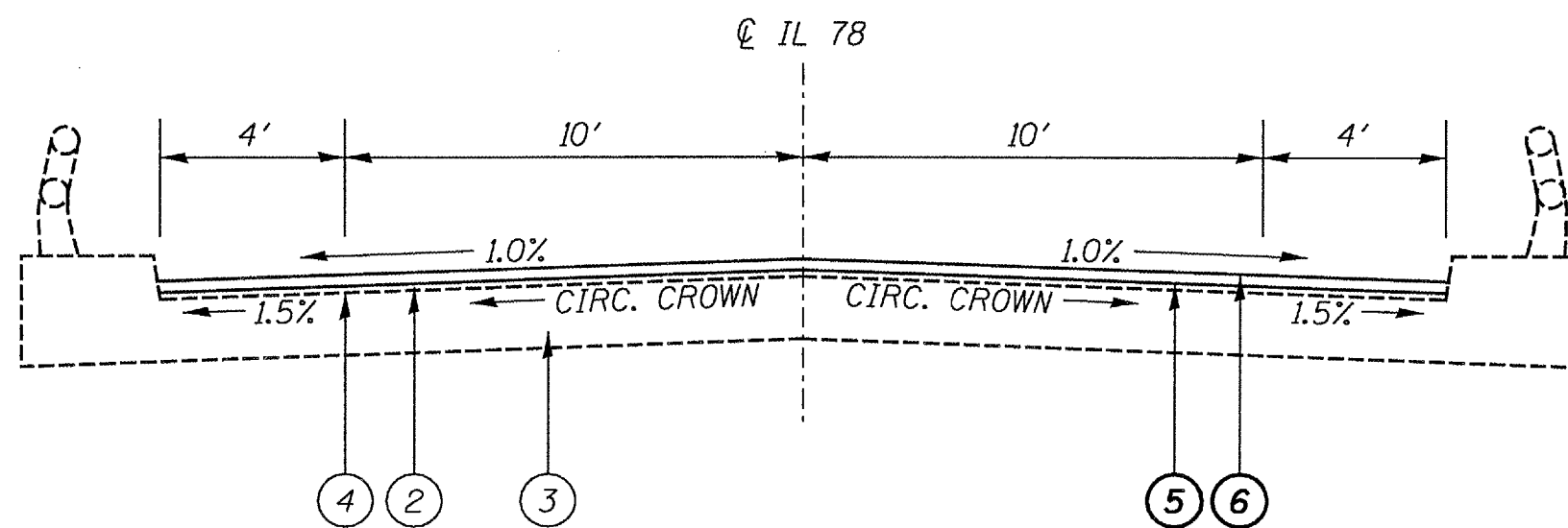
CODE NO.	ITEM	UNIT	100% STATE
			1000
			TOTAL QTY
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.6
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	556
40600990	TEMPORARY RAMPS	SQ YD	17
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	120
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, (VARIABLE DEPTH)	SQ YD	874
48101200	AGGREGATE SHOULDERS, TYPE B	TON	15
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	44
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	19
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	1625
78300200	RAISED REFLECTIVE PAVEMENT MARKING REMOVAL	EACH	2
X0320887	POLYMER CONCRETE	CU FT	6.2
X0321743	SILICONE JOINT SEALER, 1"	FOOT	58
X0322932	SILICONE JOINT SEALER, 1.5"	FOOT	29

* SPECIALTY ITEMS

QUANTITIES
FAP 614 (IL 78)
SECTION 147BR-1
COUNTY



STA 491+77.17 TO STA 492+77.17
STA 495+58.17 TO STA 496+58.17



STA 492+77.17 TO STA 495+58.17

- ① EXISTING PCC PAVEMENT
- ② EXISTING HMA PAVEMENT
- ③ EXISTING PCC BRIDGE DECK
- ④ EXISTING WATERPROOF MEMBRANE
- ⑤ PROPOSED HMA SURFACE REMOVAL
- ⑥ PROPOSED HMA SURFACE, 1-1/2"
- ⑦ PROPOSED AGGREGATE SHOULDER, TYPE B

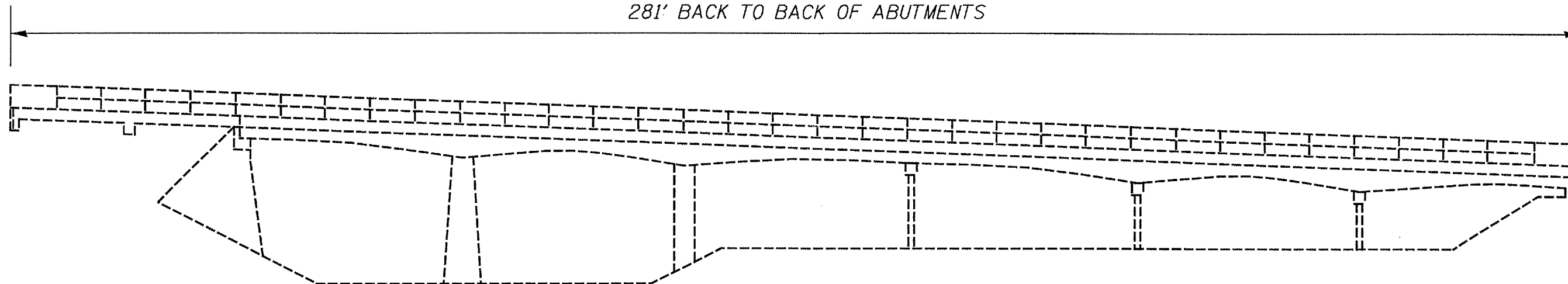
NOT TO SCALE
TYPICAL CROSS SECTIONS
FAP 614 (IL 78)
SECTION 147BR-1
MORGAN COUNTY

CONTRACT: 72B11
SHEET 5 OF 7

BACK OF N ABUT
STA 492+77.17

BACK OF S ABUT
STA 495+58.17

281' BACK TO BACK OF ABUTMENTS

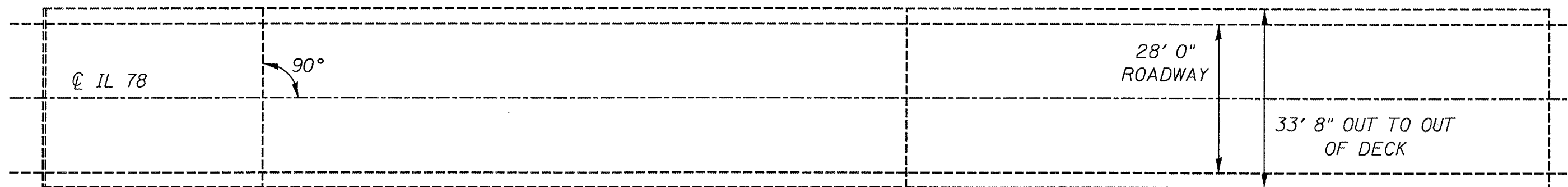


ELEVATION

1" EXP. JT.
STA 493+16.17

1-1/2" EXP. JT.
STA 494+36.17

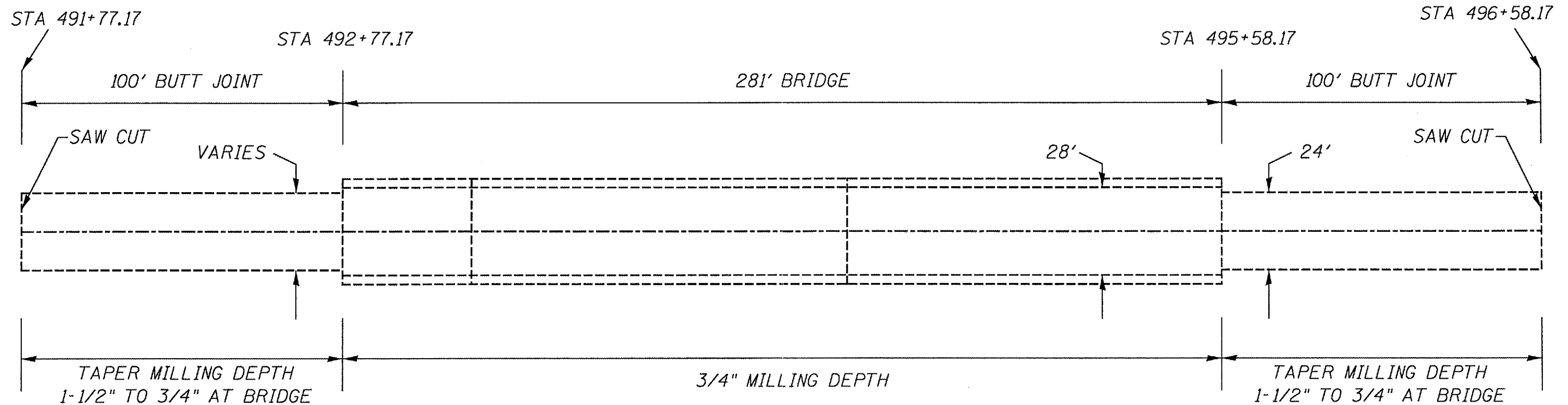
1" EXP. JT.
STA 495+57.17



PLAN

NOT TO SCALE

BRIDGE PLAN & ELEVATION
FAP 614 (IL 78)
SECTION 147BR-1
MORGAN COUNTY



PLAN

NOTES:

DURING MILLING, CARE SHALL BE TAKEN NOT TO DISTURB THE UNDERLYING WATERPROOF MEMBRANE SYSTEM.

ALL AREAS SHALL BE RESURFACED WITH A UNIFORM 1-1/2" THICK LAYER OF BITUMINOUS SURFACE, REGARDLESS OF THE MILLING DEPTH.

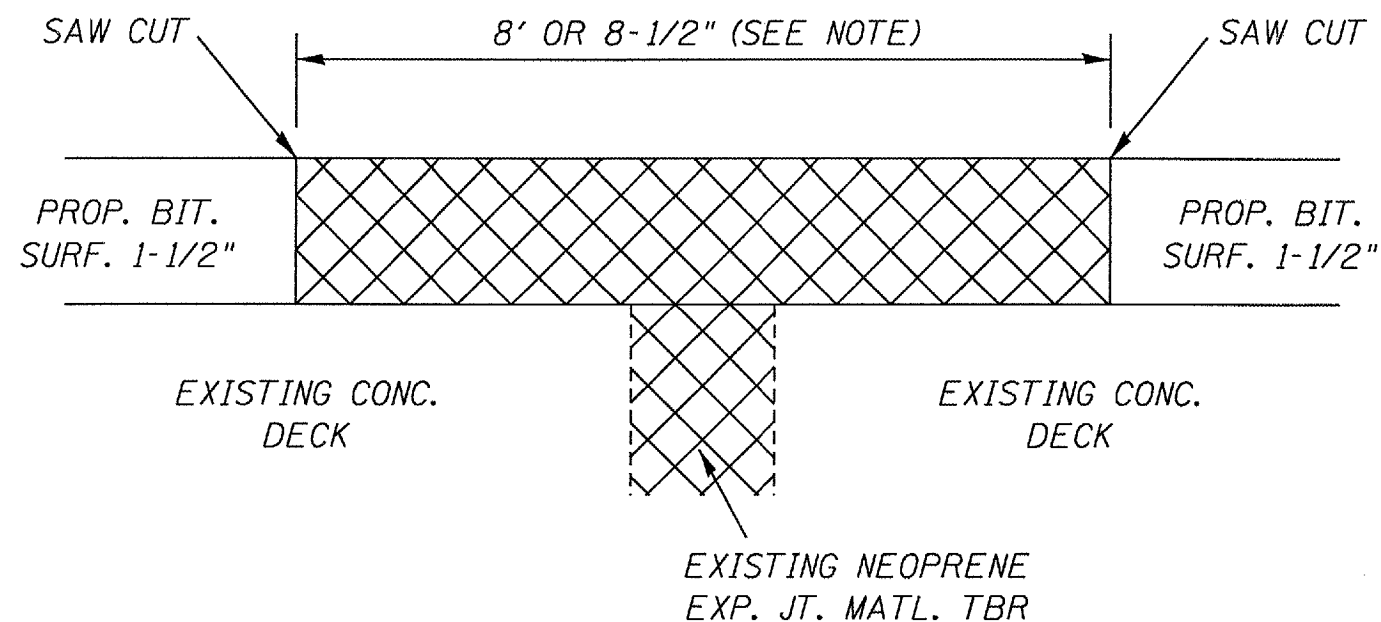
MILLING AND RESURFACING SHALL BE CARRIED THROUGH THE EXPANSION JOINTS WITHOUT INTERRUPTION. THE JOINTS SHALL BE SAWED, REMOVED, AND REPLACED AFTER THE BITUMINOUS SURFACE IS FINISHED. SEE THE EXISTING BRIDGE PLAN SHEET FOR JOINT LOCATIONS.

THE CONTRACTOR SHALL INCLUDE THE COST OF ALL SAW CUTS IN THE BID PRICE FOR HMA SURF. REM. - BUTT JOINT

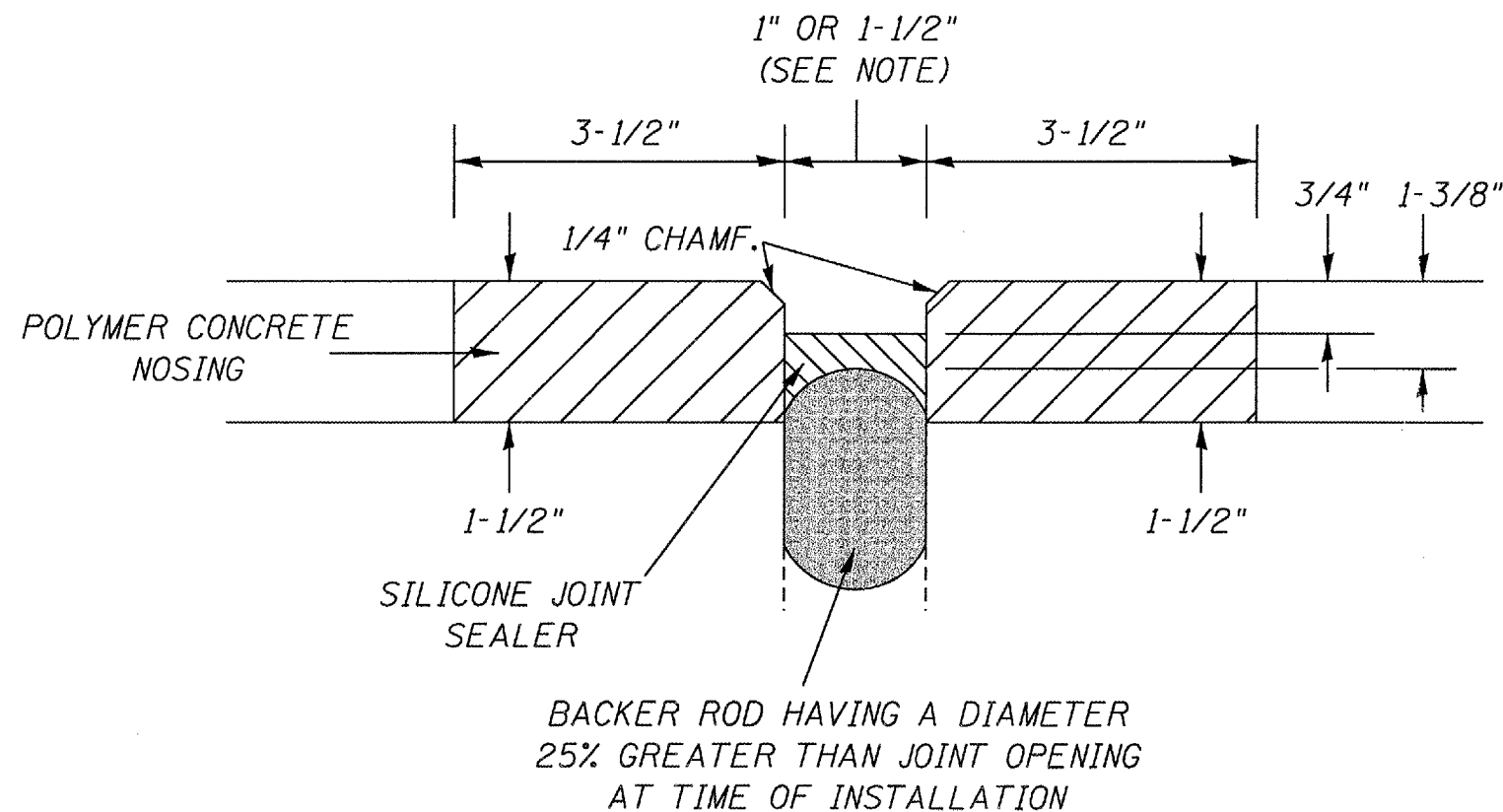


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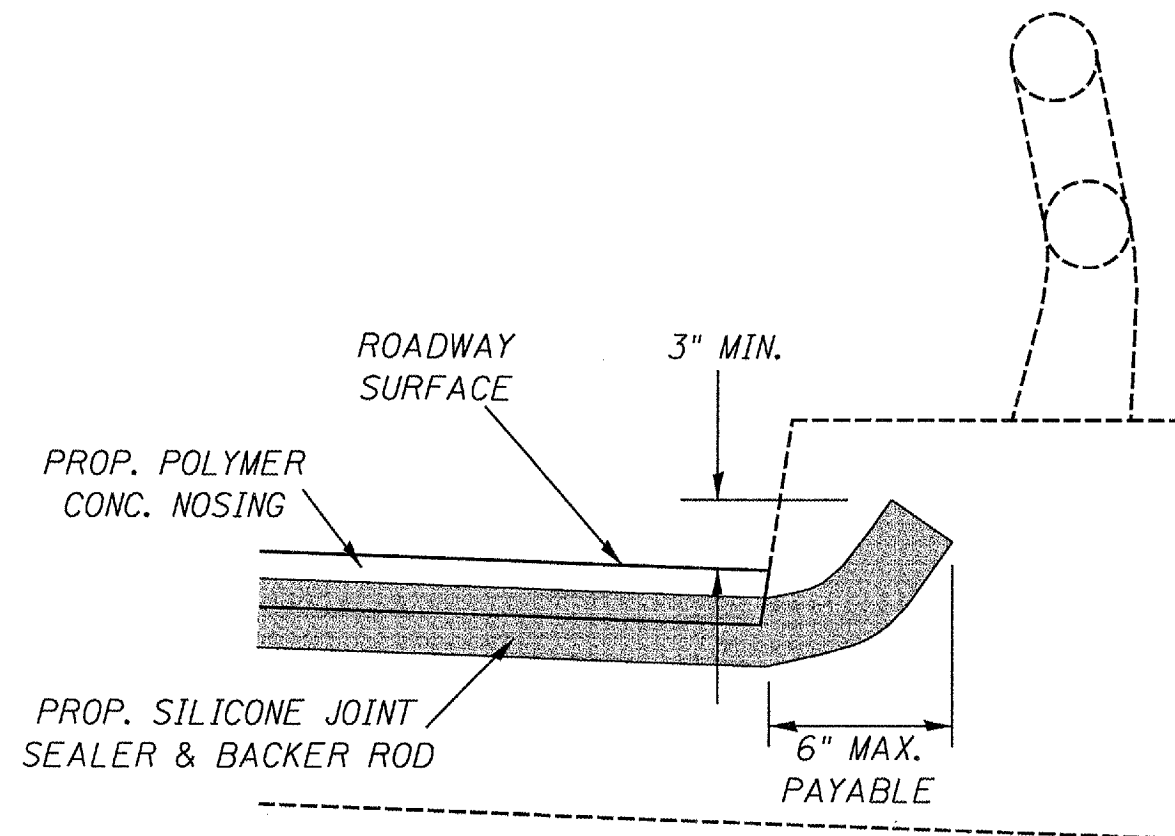
MILLING & RESURF. DETAIL
FAP 614 (IL 78)
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MORGAN COUNTY



JOINT X-SEC. AFTER RESURFACING



PROPOSED JOINT X-SEC



PARTIAL BRIDGE X-SEC

NOTES:

MILLING AND RESURFACING SHALL BE CARRIED THROUGH THE EXPANSION JOINTS WITHOUT INTERRUPTION. THE JOINTS SHALL BE SAWED, REMOVED, AND REPLACED AFTER THE BITUMINOUS SURFACE IS FINISHED.

THE JOINTS AT STA 493+16.17 AND 495+57.17 SHALL BE 1" WIDE. THE JOINT AT STA 494+36.17 SHALL BE 1-1/2" WIDE.

ALL WORK INVOLVED IN SAWING AND REMOVING BITUMINOUS SURFACE AND THE EXISTING NEOPRENE JOINT MATERIAL SHALL BE INCLUDED IN THE CONTRACTOR'S BID PRICE FOR POLYMER CONCRETE.

NOT TO SCALE

EXPANSION JOINT DETAILS
FAP 614 (IL 78)
SECTION 147BR-1
MORGAN COUNTY