

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS
F.A.P. ROUTE 326 (IL RTE 47)
SECTION (110)PP
PROJECT STATE
PAVEMENT PATCHING
GRUNDY COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)PP	GRUNDY	12	1
		ILLINOIS	CONTRACT NO. 66L59	

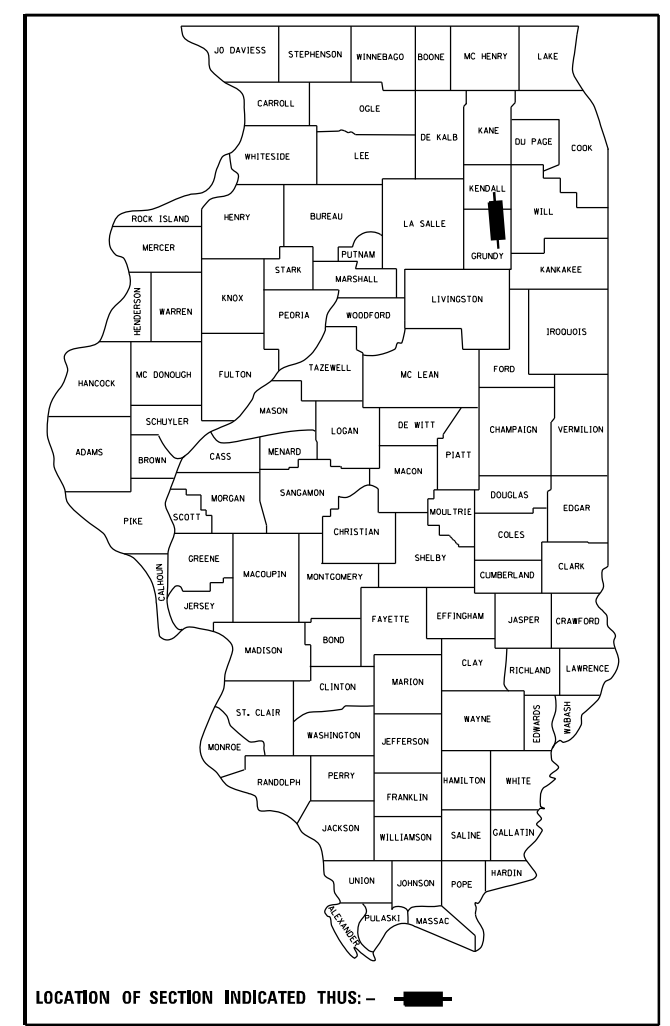
D-93-017-21

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTION
- 5 SCHEDULE OF QUANTITIES
- 6 - 9 PLAN
- 10 - 12 PATCHING DETAILS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 420001-09 PAVEMENT JOINTS
- 421001-03 BAR REINFORCEMENT FOR CRC PAVEMENT
- 442101-09 CLASS B PATCHES
- 483001-05 PCC SHOULDER
- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 630001-12 STEEL PLATE BEAM GUARDRAIL
- 630201-07 PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
- 701422-10 LANE CLOSURE, MULTILANE FOR SPEEDS ≥ 45 MPH TO 55 MPH
- 701901-08 TRAFFIC CONTROL DEVICES



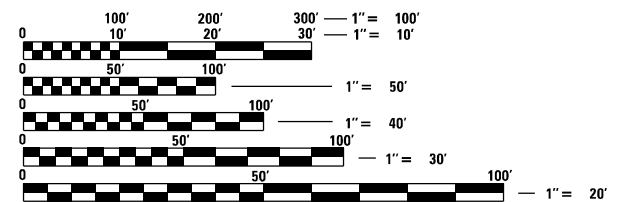
C-93-048-21

IMPROVEMENT SN 032-0123
STA. 6183 + 88 TO STA. 6188 + 00

IMPROVEMENT SN 032-0122
STA. 6116 + 33 TO STA. 6120 + 47



LOCATION MAP NOT TO SCALE



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

GROSS LENGTH = 826 FT. = 0.16 MILE
 NET LENGTH = 826 FT. = 0.16 MILE

PROJECT ENGINEER: JACOB OYIER, P.E.
 UNIT CHIEF: BOB BANACH

CONTRACT NO. 66L59

FUNCTIONAL CLASSIFICATION
OTHER PRINCIPAL ARTERIAL
 2019 ADT = 4950
 P.V. = 75.7% S.U. = 12.7% M.U. = 11.6%

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED March 19, 2021
[Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 7, 2021 *[Signature]*
 ENGINEER OF DESIGN AND ENVIRONMENT

May 7, 2021 *[Signature]*
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

SUPERVISING CONSTRUCTION FIELD ENGINEER

RESIDENT ENGINEER / TECHNICIAN

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: _____
DISTRICT STUDIES & PLANS ENGINEER

DATE: _____

EXAMINED BY: _____
DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

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PLOT DATE = 3/2/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: _____ SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)PP	GRUNDY	12	2
				CONTRACT NO. 66L59
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				URBAN
				100% STATE STATE
				NONE
				0006
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	91	91
44004250	PAVED SHOULDER REMOVAL	SQ YD	123	123
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	166	166
44201294	CLASS B PATCH - EXPANSION JOINT	FOOT	351	351
44201296	DEFORMED BARS - EXPANSION JOINT	EACH	330	330
44213000	PATCHING REINFORCEMENT	SQ YD	86	86
44213200	SAW CUTS	FOOT	822	822
44213204	TIE BARS 3/4"	EACH	192	192
48300300	PORTLAND CEMENT CONCRETE SHOULDERS 8"	SQ YD	123	123
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	91	91
67100100	MOBILIZATION	L SUM	1	1
70100315	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	EACH	4	4
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4	4

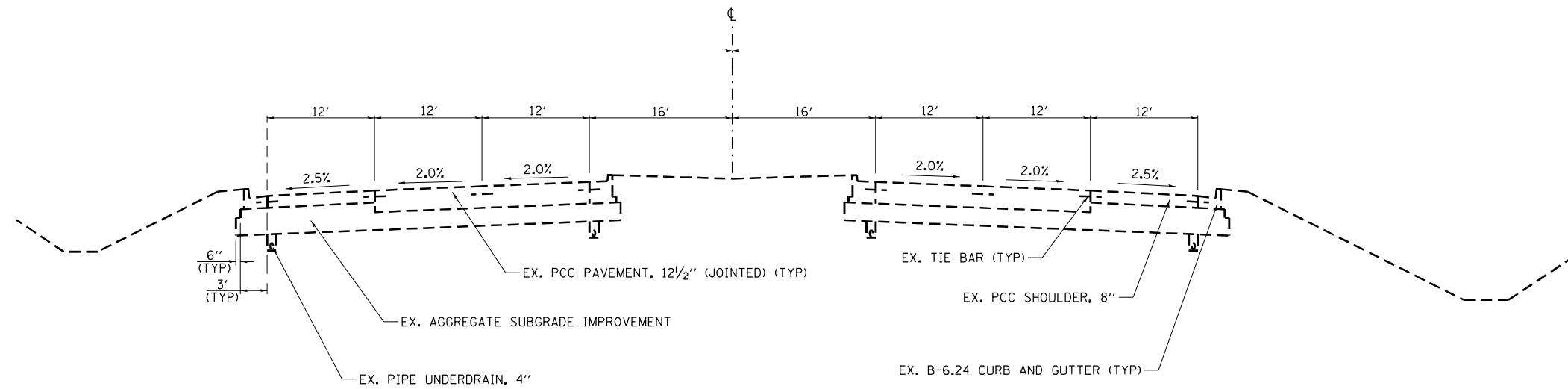
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	PLOT DATE = 3/18/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

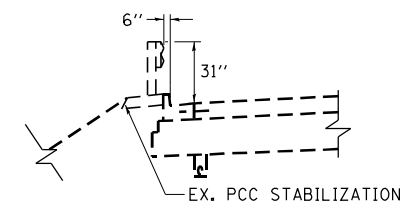
SUMMARY OF QUANTITIES

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)PP	GRUNDY	12	3
			CONTRACT NO. 66L59	
ILLINOIS FED. AID PROJECT				



IL. RTE. 47 EXISTING TYPICAL SECTION



GUARDRAIL DETAIL

STA 6117+00.00 TO STA 6123+00.00 (RT)
 STA 6118+74.24 TO STA 6119+81.89 (LT)
 STA 6183+86.99 TO STA 6184+94.63 (RT)

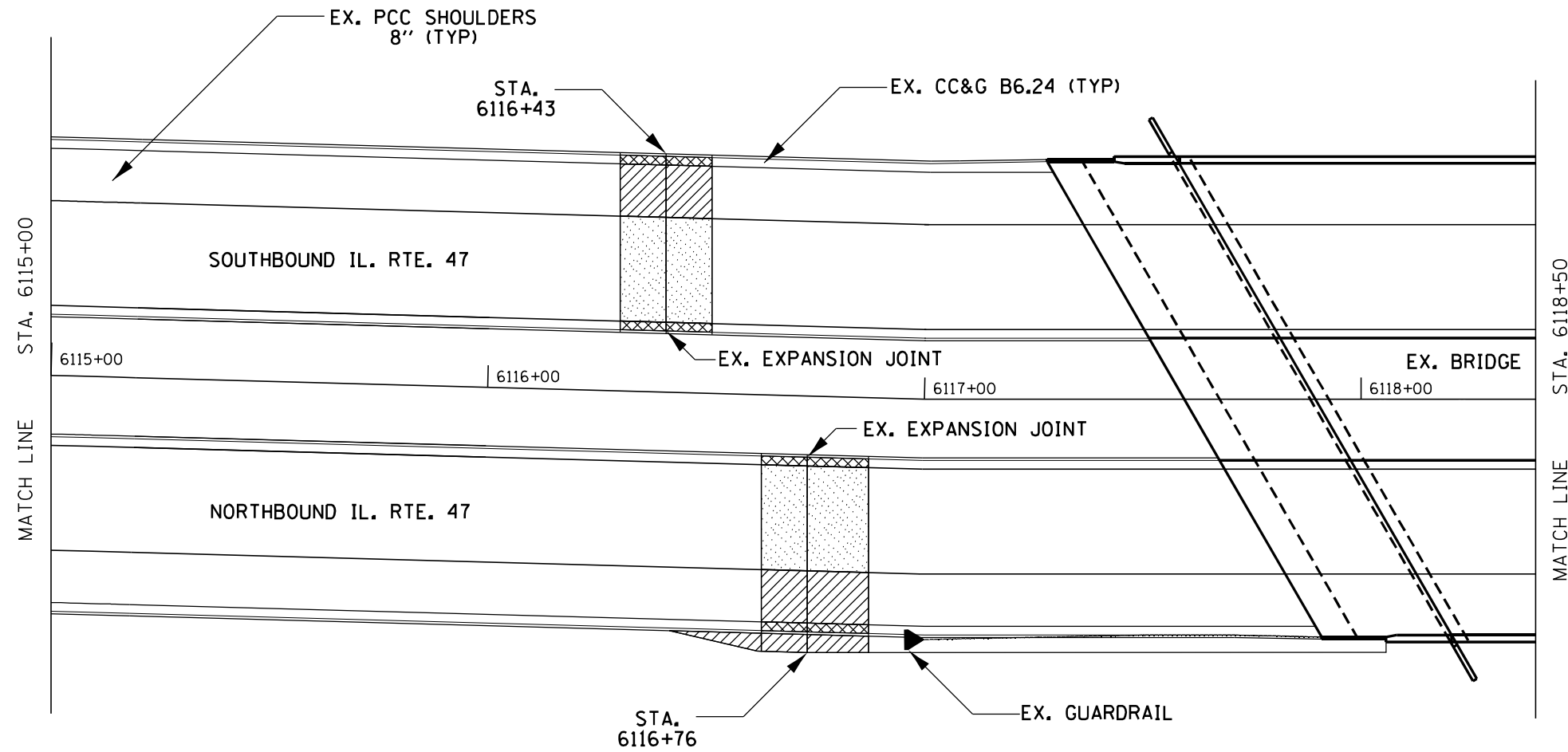
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PLOT SCALE = 99.1998' / in.		DATE - 2/26/2021	REVISED -		SCALE: N/A			SHEET NO. OF SHEETS		STA. N/A TO STA. N/A		CONTRACT NO. 66L59	
PLOT DATE = 3/2/2021					ILLINOIS FED. AID PROJECT								

CLASS B PATCHING SCHEDULE									
LOCATION		CLASS B PATCH		CLASS B PATCH	CL B PATCH	DEFORMED BARS - EXP	PATCH REINF	TIE BARS	SAW CUTS
		LENGTH	WIDTH	12	EXP JOINT	JOINT		3/4"	
		FT	FT	SQYD	FT	EACH	SQYD	EACH	FT
SN 032-122									
6116+43	SBDL	7	12	10	26.5	20	5	2	50
6116+43	SBPL	7	12	10	14.5	20	5	2	50
6116+76	NBDL	8	12	11	30.5	20	7	2	52
6116+76	NBPL	8	12	11	14.5	20	7	2	52
6120+04	SBDL	7	12	10	30.5	20	5	2	50
6120+04	SBPL	7	12	10	14.5	20	5	2	50
6120+37	NBDL	7	12	10	20.5	20	5	2	50
6120+37	NBPL	7	18	14	30.5	30	7	6	68
SN 032-123									
6183+98	NBDL	7	12	10	30.5	20	5	2	50
6183+98	NBPL	7	12	10	14.5	20	5	2	50
6184+37	SBDL	7	12	10	26.5	20	5	2	50
6184+37	SBPL	7	12	10	14.5	20	5	2	50
6187+51	NBDL	7	12	10	23	20	5	2	50
6187+51	NBPL	7	12	10	16	20	5	2	50
6187+90	SBDL	7	12	10	28	20	5	2	50
6187+90	SBPL	7	12	10	16	20	5	2	50
TOTAL				166	351	330	86	36	822

PCC SHOULDERS SCHEDULE						
LOCATION		PCC SHLD	CCC&G	TIE BARS	PAVED SHLD	CC&G
		8"	B-6.24	3/4"	REM	REM
		SQYD	FT	EACH	SQYD	FT
SN 032-122						
6116+43	SBDL	10	7	18	10	7
6116+43	SBPL		7			7
6116+76	NBDL	16	8	18	16	8
6116+76	NBPL		8			8
6120+04	SBDL	14	7	18	14	7
6120+04	SBPL		7			7
6120+37	NBDL	26	12	22	26	12
6120+37	NBPL		7			7
SN 032-123						
6183+98	NBDL	15	7	18	15	7
6183+98	NBPL		7			7
6184+37	SBDL	10	7	18	10	7
6184+37	SBPL		7			7
6187+51	NBDL	9		14	9	
6187+51	NBPL	4		8	4	
6187+90	SBDL	15		14	15	
6187+90	SBPL	4		8	4	
TOTAL		123	91	156	123	91

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



- CC&G REMOVAL
- PAVED SHOULDER REMOVAL
- CLASS B PATCH

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

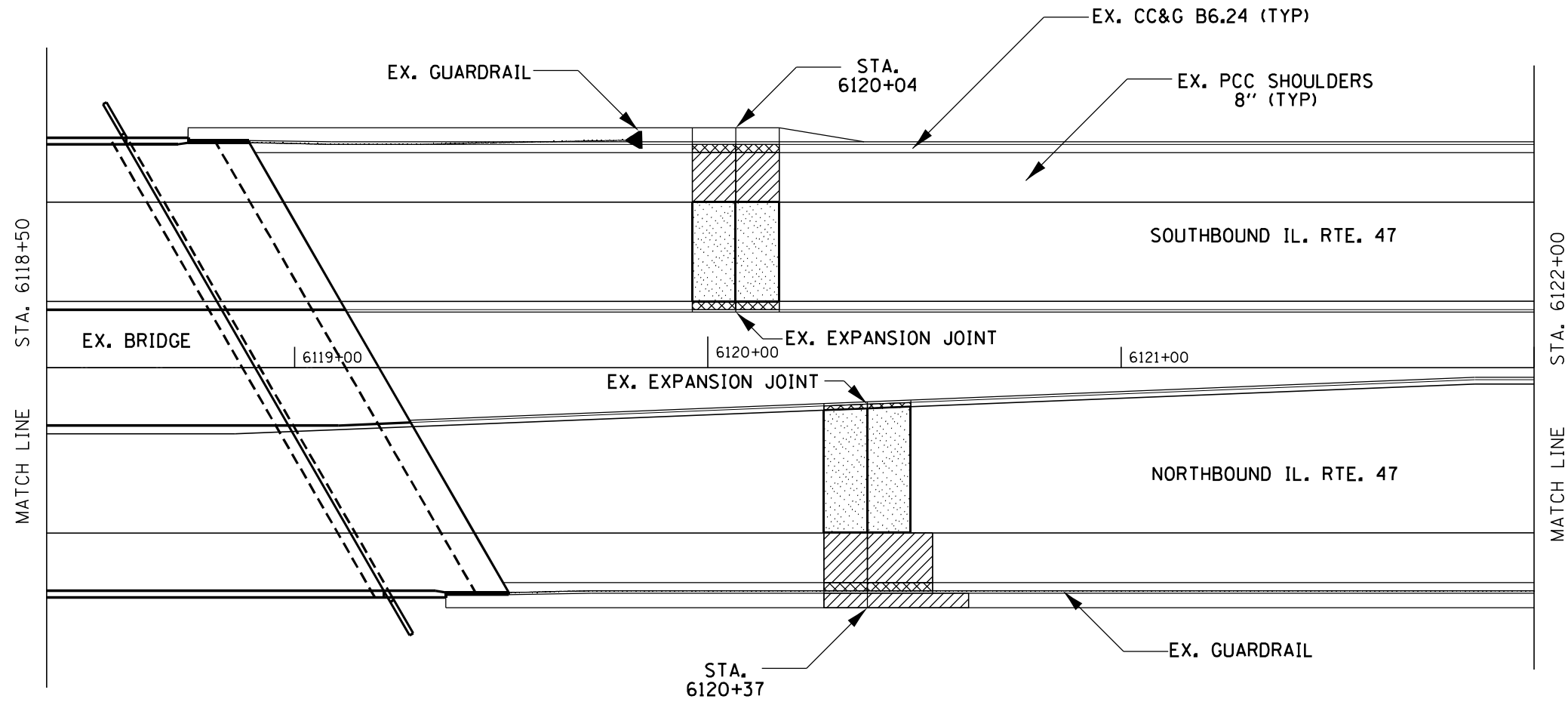
**PLAN
S.N. 032-0122**

SCALE: H=50 V=5 SHEET _ OF _ SHEETS STA. 6115+00 TO STA. 6118+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)PP	GRUNDY	12	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66L59	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	FILE NAME	
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PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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- CC&G REMOVAL
- PAVED SHOULDER REMOVAL
- CLASS B PATCH

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PB I-88 Centerline	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

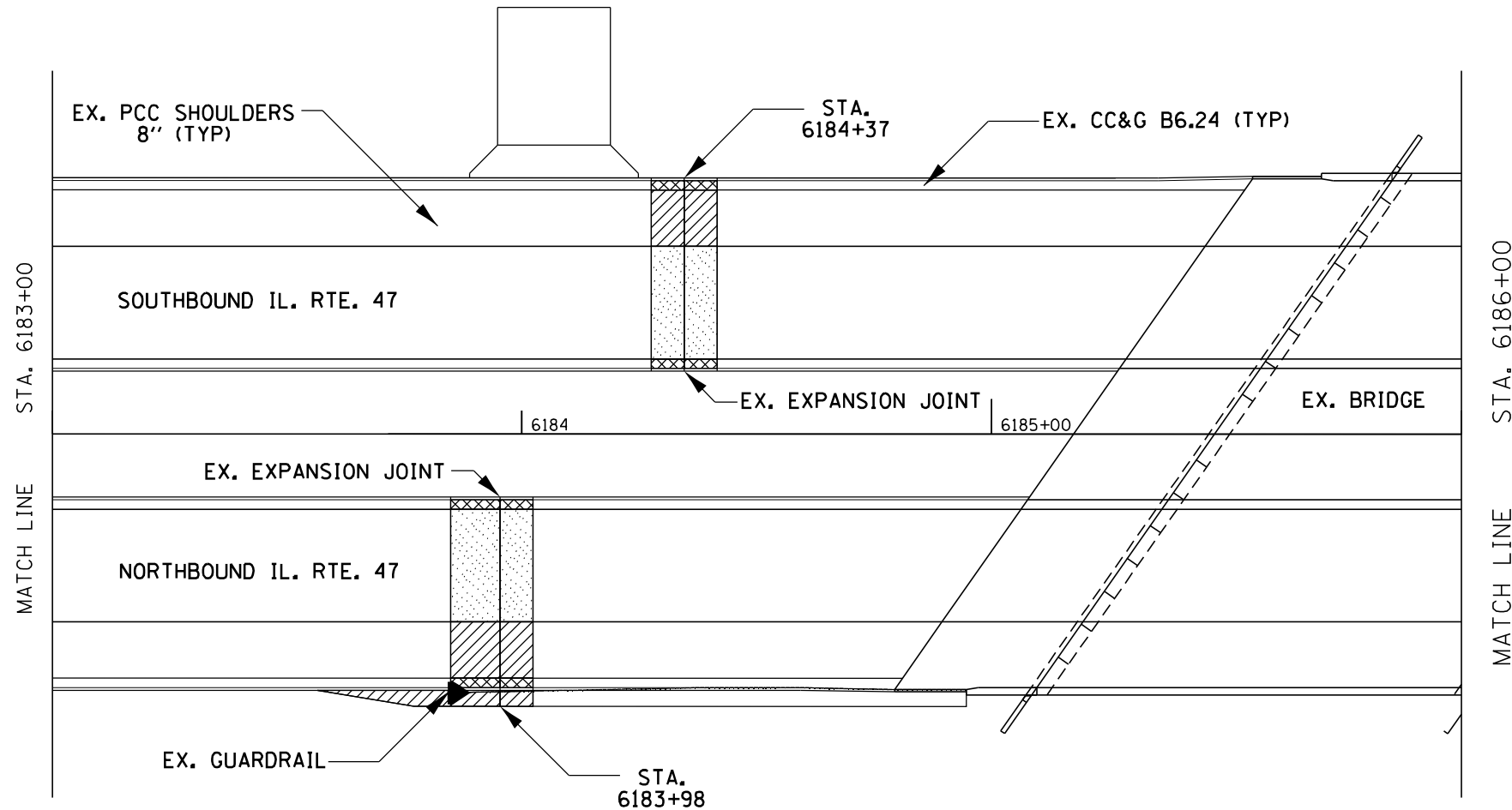
**PLAN
S.N. 032-0122**

SCALE: H=50 V=5 SHEET _ OF _ SHEETS STA. 6118+50 TO STA. 6122+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)PP	GRUNDY	12	7
CONTRACT NO. 66L59				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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NOTE BOOK	GRADES CHECKED	BY
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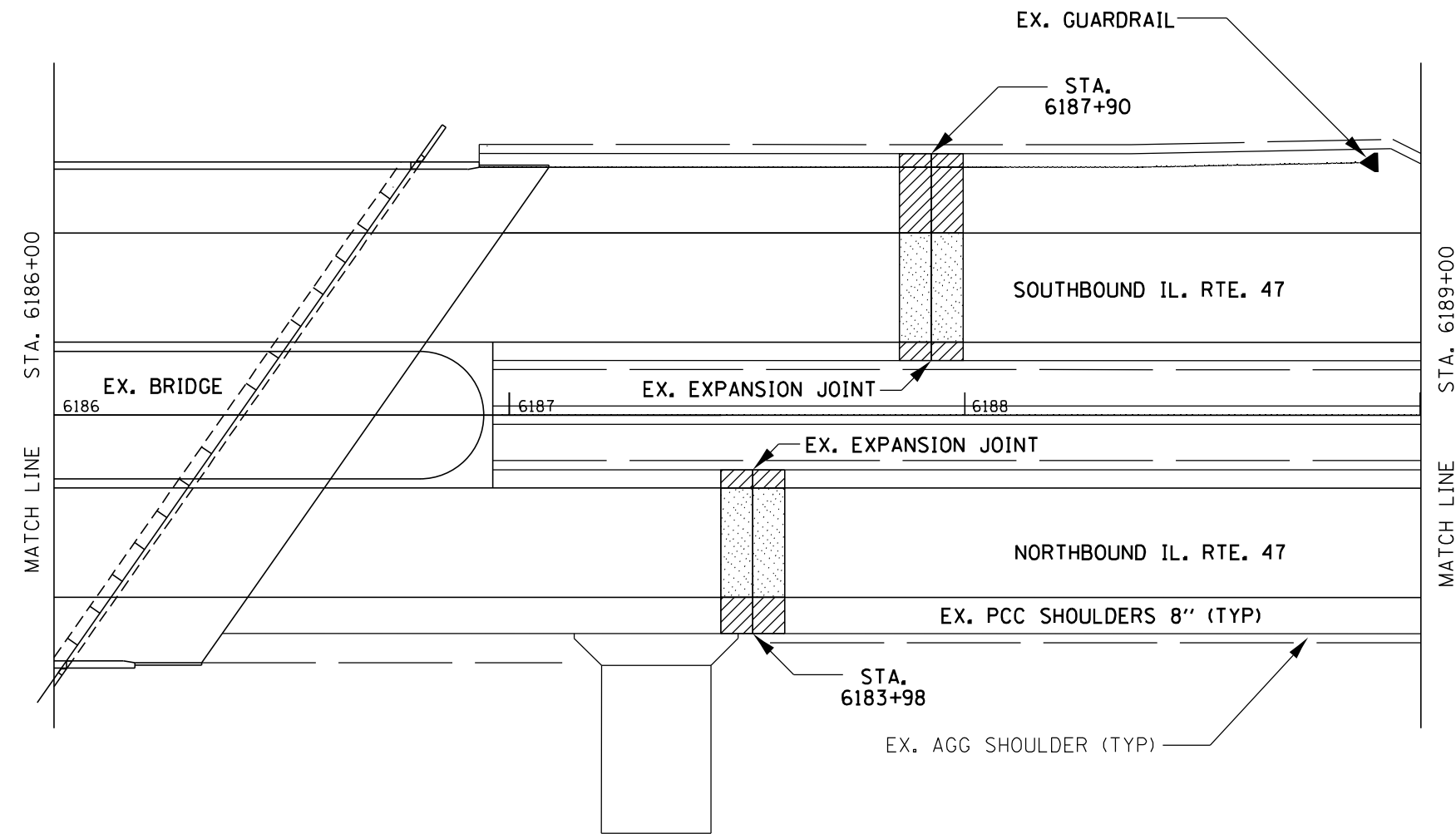



- CC&G REMOVAL
- PAVED SHOULDER REMOVAL
- CLASS B PATCH

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	PLOT DATE = 3/18/2021	DATE -	REVISED -			SCALE: H=50 V=5	SHEET -	OF -	SHEETS	STA. 6183+00	TO STA. 6186+00

PLAN	SURVEYED	DATE
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	ALIGNMENT	
	FILE NAME	

PROFILE	SURVEYED	DATE
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 PAVED SHOULDER REMOVAL

 CLASS B PATCH

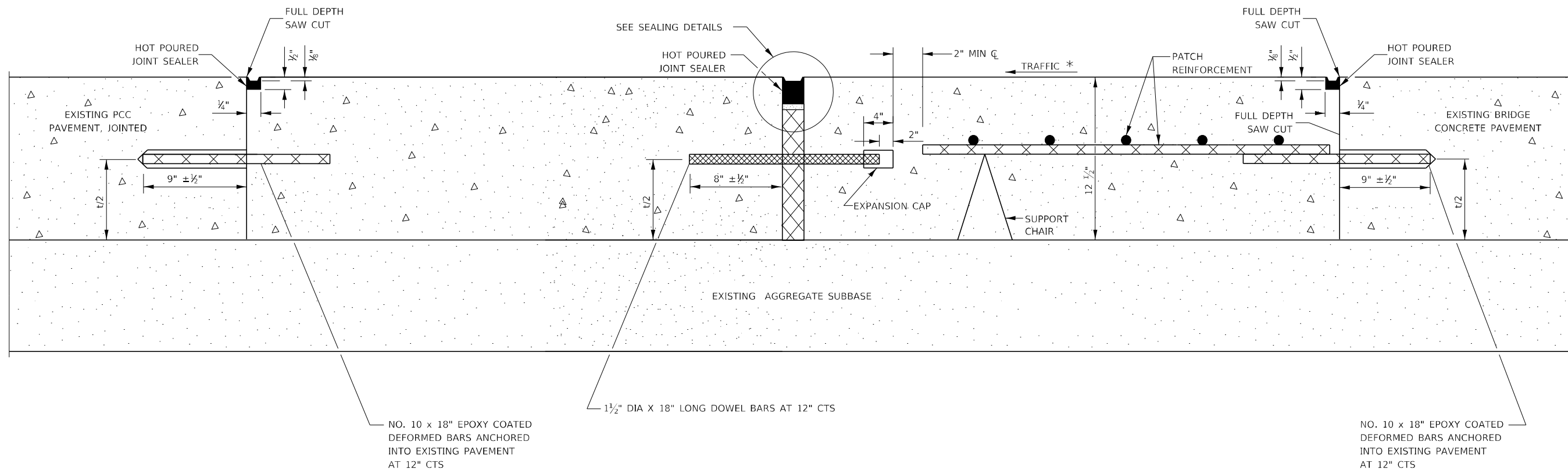
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	PLOT DATE = 3/18/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN
S.N. 032-0123**

SCALE: H=50 V=5 SHEET _ OF _ SHEETS STA. 6186+00 TO STA. 6189+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)PP	GRUNDY	12	9
CONTRACT NO. 66L59				
ILLINOIS FED. AID PROJECT				



CLASS B PATCH

- STA. 6116+43 S.B.
- STA. 6116+76 N.B.
- STA. 6120+04 S.B.
- STA. 6120+37 N.B.
- STA. 6183+98 N.B.
- STA. 6184+37 S.B.

*NOTE: EXPANSION CAPS
LOCATIONS WILL BE BASED
ON FLOW OF TRAFFIC.

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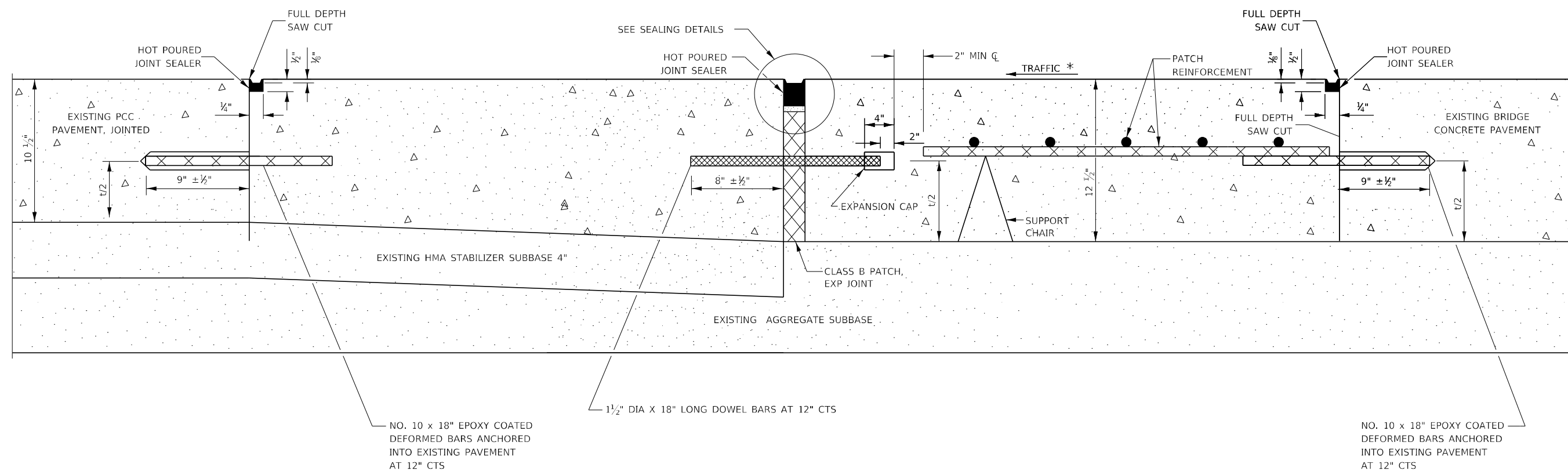
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PLOT DATE = 3/18/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 326	SECTION (110)PP	COUNTY GRUNDY	TOTAL SHEETS 12	SHEET NO. 10
CONTRACT NO. 66L59				
ILLINOIS FED. AID PROJECT				



CLASS B PATCH

STA. 6187+51 N.B.
STA. 6187+90 S.B.

*NOTE: EXPANSION CAPS
LOCATIONS WILL BE BASED
ON FLOW OF TRAFFIC.

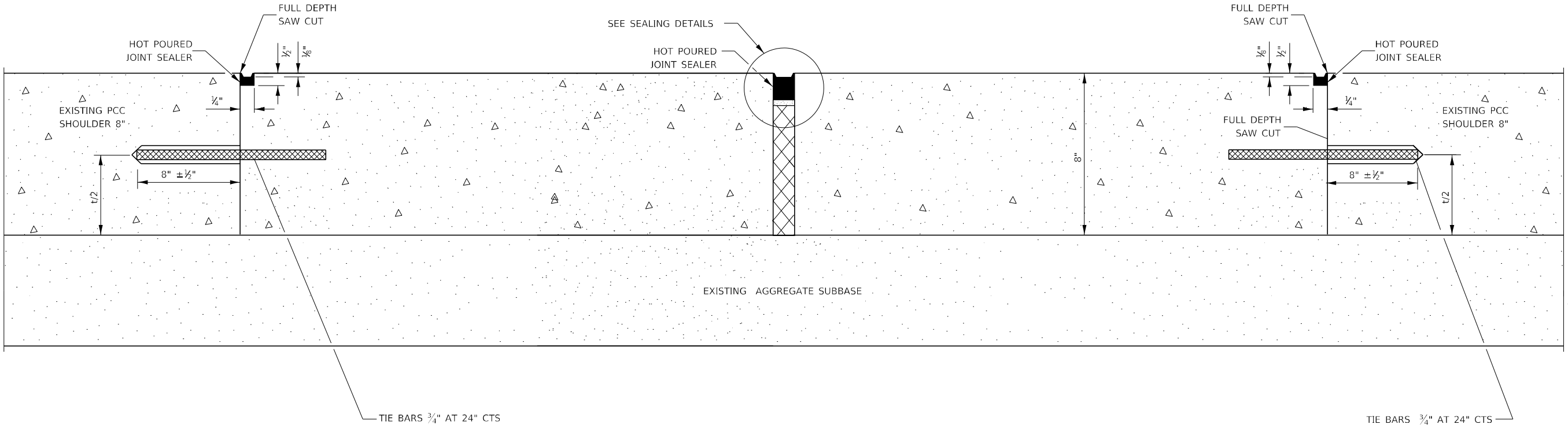
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PLOT DATE = 3/18/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

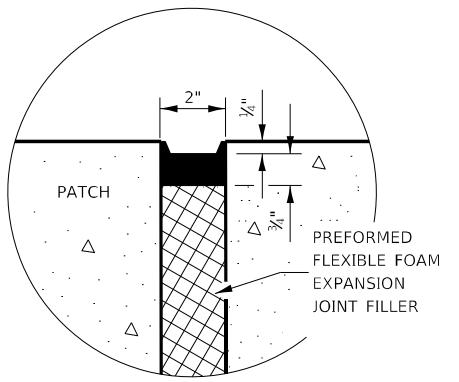
DETAILS	
SCALE: _____	SHEET ____ OF ____ SHEETS
STA. _____	TO STA. _____

F.A.P. RTE. 326	SECTION (110)PP	COUNTY GRUNDY	TOTAL SHEETS 12	SHEET NO. 11
CONTRACT NO. 66L59				
ILLINOIS FED. AID PROJECT				

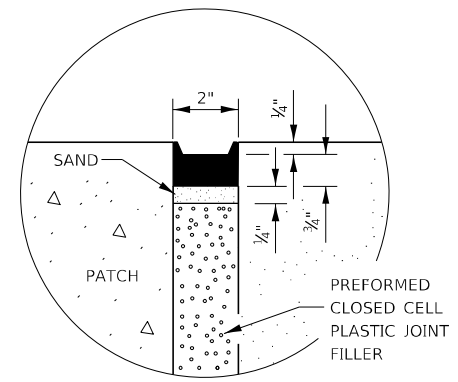


PCC SHOULDERS

NOTE: PCC STABILIZATION UNDER GUARDRAIL WILL HAVE A THICKNESS OF 5" AND WILL BE PAID AS PCC SHOULDERS 8". TIE BARS WILL NOT BE REQUIRED IN THE STABILIZATION.



SEALING DETAIL



SEALING DETAIL

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PLOT SCALE = 100,0000' / in.	CHECKED - _____	REVISIONS - _____
PLOT DATE = 3/18/2021	DATE - _____	REVISIONS - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS	
SCALE: _____	SHEET _____ OF _____ SHEETS
STA. _____	TO STA. _____

F.A.P. RTE. 326	SECTION (110)PP	COUNTY GRUNDY	TOTAL SHEETS 12	SHEET NO. 12
CONTRACT NO. 66L59				
ILLINOIS FED. AID PROJECT				