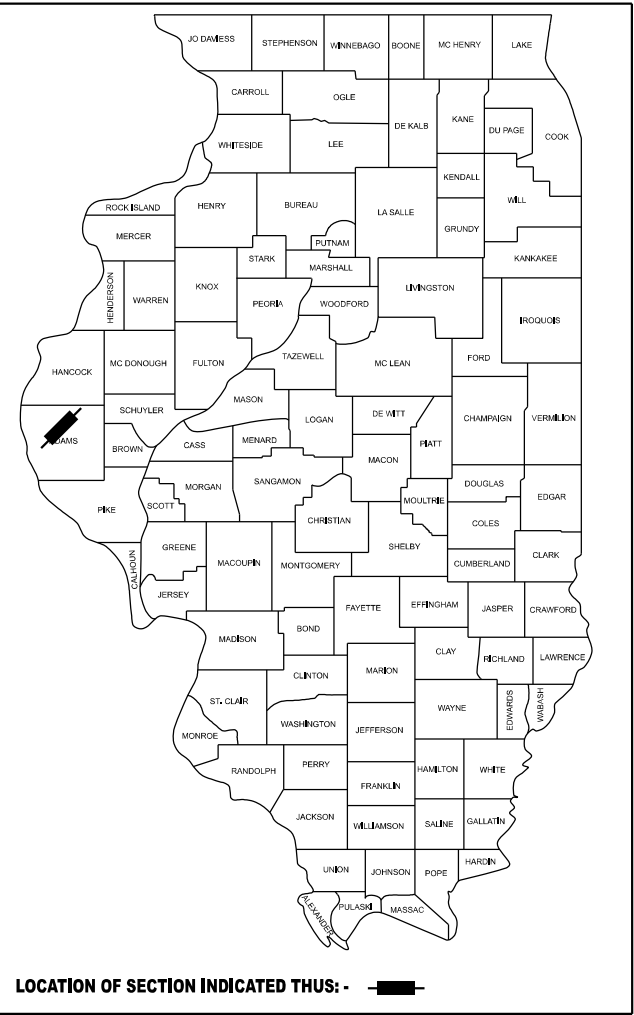


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	1-7B(BDR,BRR)	ADAMS	17	1
		ILLINOIS	CONTRACT NO. 72346	

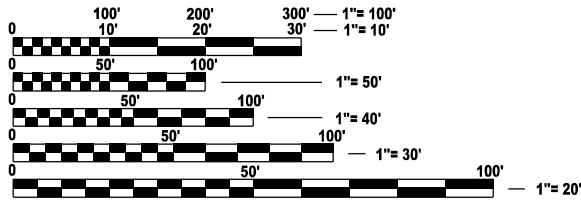
D-96-039-25



FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED
HIGHWAY PLANS

FAP ROUTE 302 (IL 110/336)
SECTION 1-7B(BDR,BRR)
PROJECT (STATE ONLY)
BRIDGE DECK REPAIRS
ADAMS COUNTY
C-96-073-25

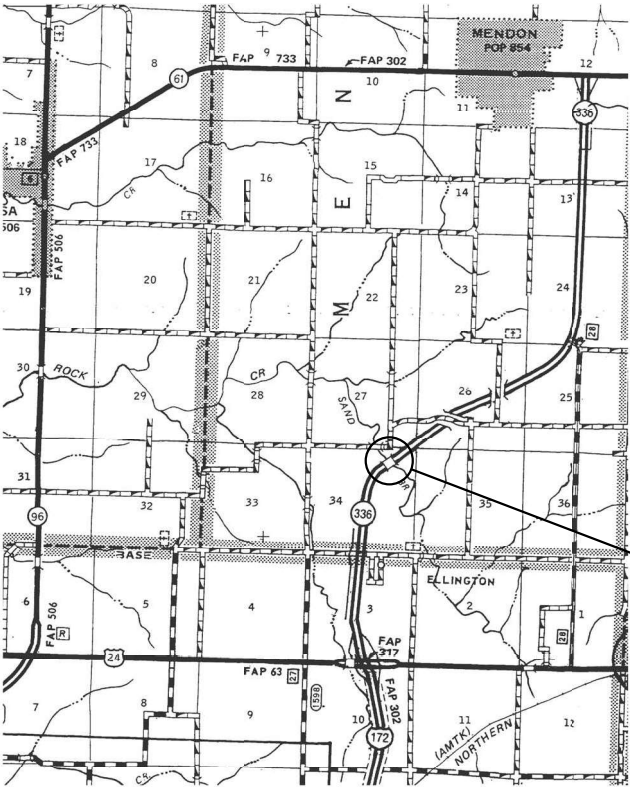


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: BRANDON DUDLEY - (217) 785-9290
PROJECT MANAGER

CONTRACT NO. 72346



PROJECT LOCATION
SN 001-0082 & 0083
IL 336 OVER ROCK CREEK
2.1 MI N US 24

GROSS LENGTH = 800 FT. = 0.15 MILE
NET LENGTH = 800 FT. = 0.15 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 18 2025
Lora Ramsey
REGIONAL ENGINEER
May 9 2025
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT
May 9 2025
Y. Murphy
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1COVER SHEET
- 2INDEX, STANDARDS, GENERAL NOTES, & SIGNATURES
- 3-4SUMMARY OF QUANTITIES
- 5TYPICAL SECTIONS
- 6-7ROADWAY PLAN
- 8-14TRAFFIC CONTROL PLAN
- 15-17BRIDGE PLANS, SN 001-0082 & 0083

HIGHWAY STANDARDS

- 000001-08
- 001001-02
- 001006
- 701101-05
- 701106-02
- 701400-12
- 701401-13
- 701402-12
- 701901-10
- 704001-08
- 782006-01

HMA MIX TABLE		
MIXTURE USE	HMA BASE CSE (TOP 1.5")	HMA BASE CSE (LOWER LIFTS)
PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL-9.5	IL-19.0
FRICTION AGGREGATE	MIX "C"	N/A
MIXTURE WEIGHT	112 LB/SY*IN	112 LB/SY*IN
QUALITY MANAGEMENT	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A

GENERAL NOTES:

INLET REPAIR WORK SHALL BE COMPLETED PRIOR TO PLACING STAGE CONSTRUCTION TRAFFIC ON INLETS.

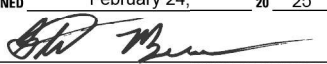
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6

EXAMINED

February 24,

20

25



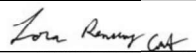
ENGINEER OF OPERATIONS

EXAMINED

March 17,

20

25



ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED

March 17,

20

25



ENGINEER OF PROGRAM DEVELOPMENT

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				0-02179-6034
				SN 001-0082/0083
				100% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ADAMS
				0047
				BRIDGE-RURAL
35600708	HMA BASE COURSE WIDENING 8"	SQ YD	1703	1703
44004250	PAVED SHOULDER REMOVAL	SQ YD	1703	1703
50102400	CONCRETE REMOVAL	CU YD	0.5	0.5
50300300	PROTECTIVE COAT	SQ YD	214	214
60100945	PIPE DRAINS 12"	FOOT	45	45
67100100	MOBILIZATION	L SUM	1	1
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	2	2
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	2940	2940
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1100	1100
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1100	1100
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2
70600352	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2
70107025	CHANGEABLE MESSAGE SIGN	CAL DAY	14	14
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT.	1225	1225

REV - MS

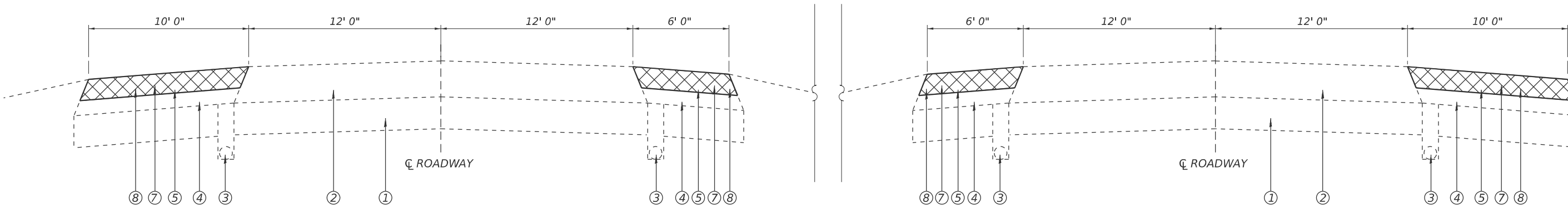
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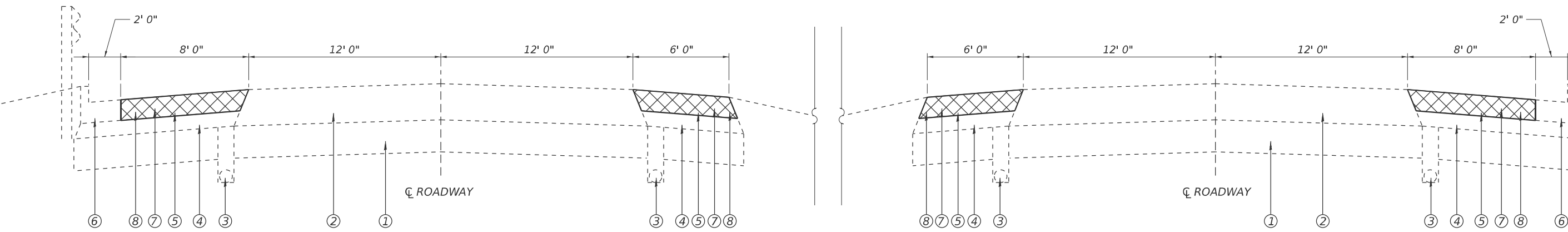
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ADAMS
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				BRIDGE-RURAL
X6010003	PIPE DRAIN REMOVAL	FOOT	45	45
X6050222	FILLING INLETS, TEMPORARY	EACH	10	10
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1	1
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	84	84
Z0012500	CONCRETE CURB REPAIR	FOOT	20	20
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	10	10
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	120	120
Z0032500	JOINT SEALING (PATCHES)	FOOT	2700	2700
Z0041895	POLYMER CONCRETE	CU FT	12	12

REV - MS

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STA 103+40 TO STA 105+95

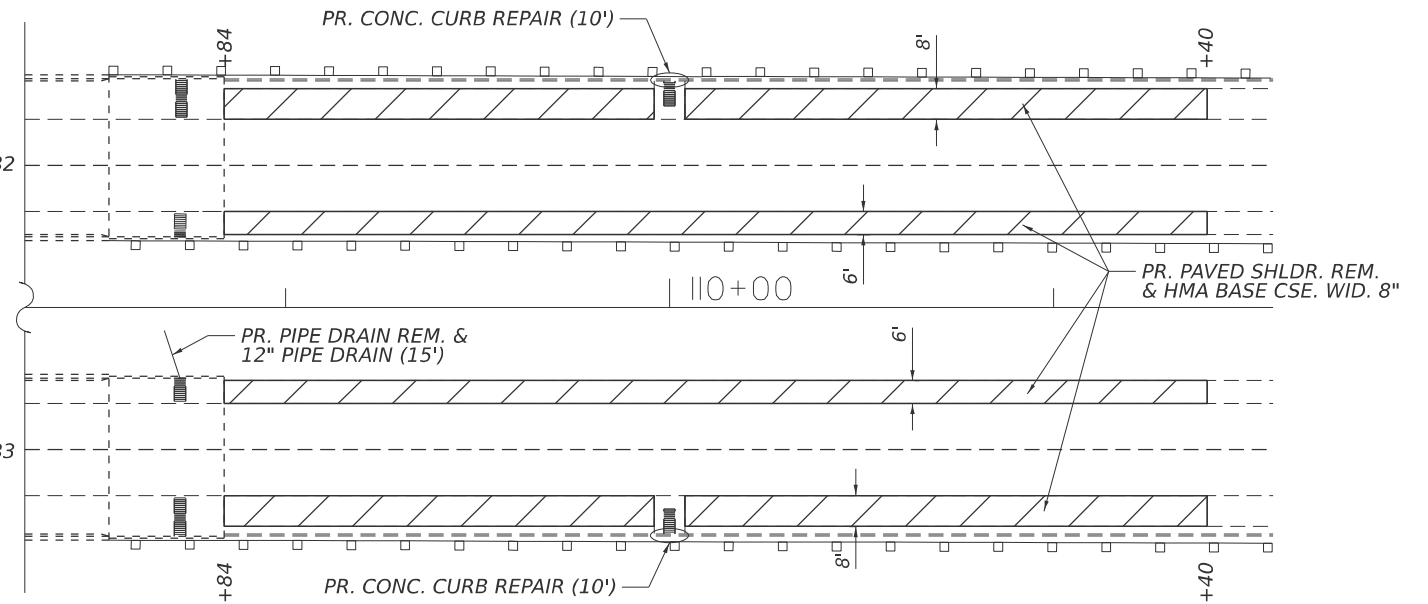
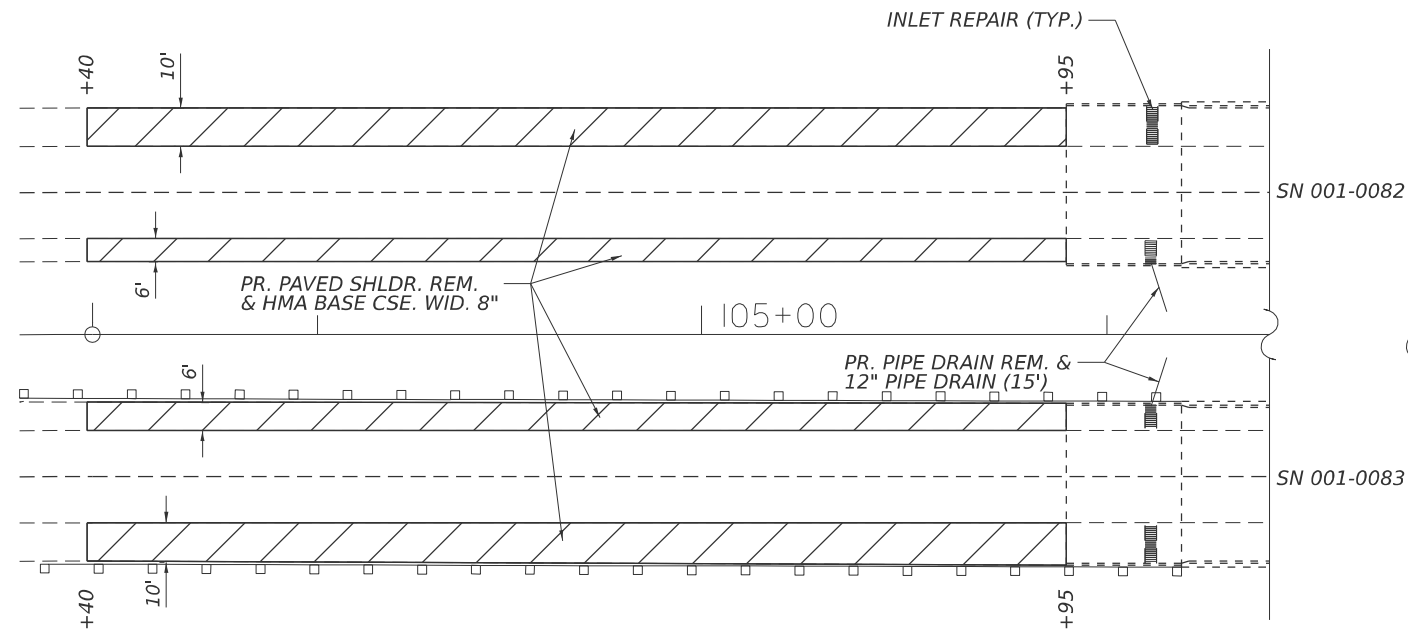


STA 108+84 TO STA 111+40

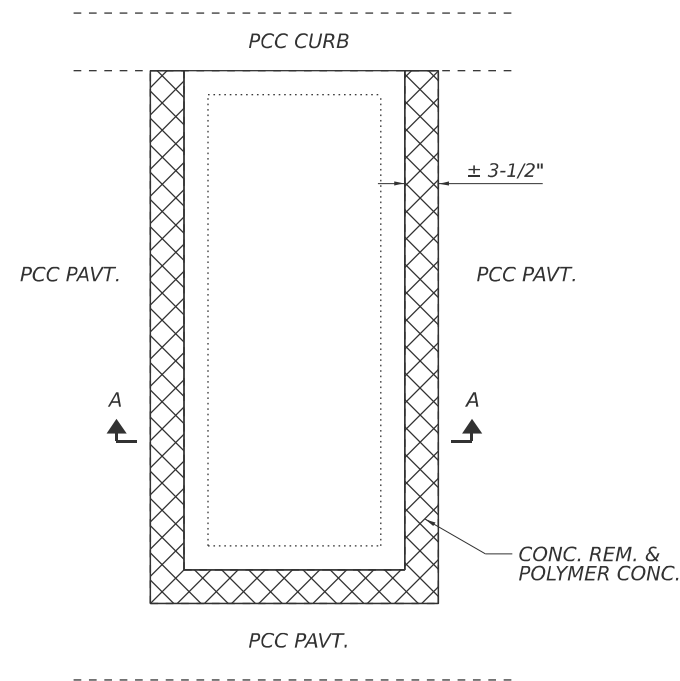
- ① EX. LIME MODIFIED SOIL, 12"
- ② EX. FULL DEPTH HMA PAVT. 13-1/2"
- ③ EX. PIPE UNDERDRAINS, 4"
- ④ EX. SUB-BASE GRANL. MATL, 5-1/2"
- ⑤ EX. HMA SHLDRS, 8"
- ⑥ EX. COMB. CONC. C&G TY. B-6.24
- ⑦ PR. PAVED SHLDR. REM.
- ⑧ PR. BASE HMA CSE. WIDENING - 8"

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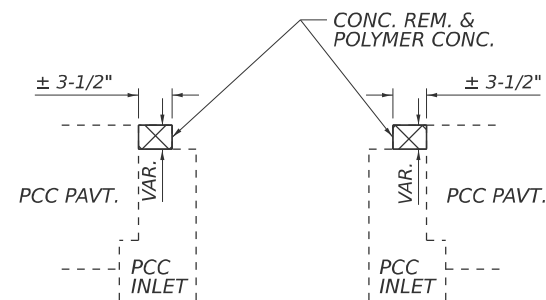
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		CHECKED -	REVISED -					CONTRACT NO. 72346				
	PLOT DATE = 2/18/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



ROADWAY PLAN



INLET REPAIR PLAN
(TYPICAL - 10 INLETS)



SECTION A-A

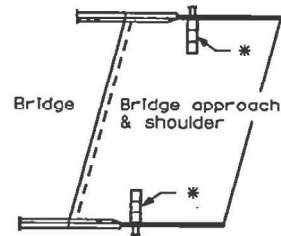
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN

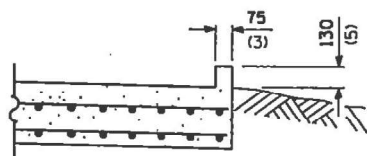
SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

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CONTRACT NO. 72346				
ILLINOIS FED. AID PROJECT				

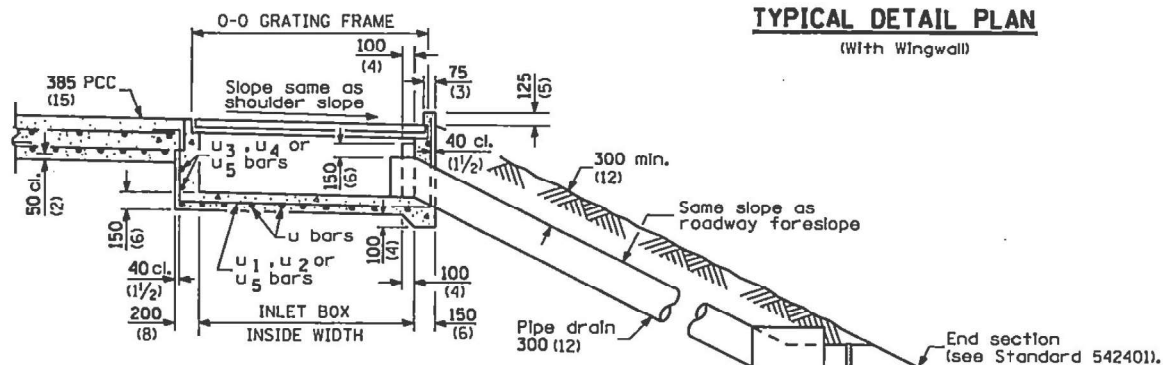
* Type B, C, or D Inlet box as required.



GENERAL PLAN

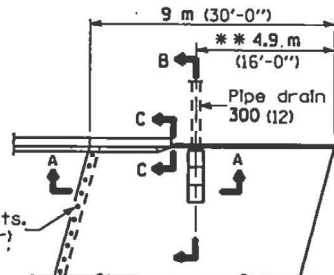


SECTION C-C



TYPICAL DETAIL PLAN

(W/O Wingwall)



TYPICAL DETAIL PLAN

(With Wingwall)

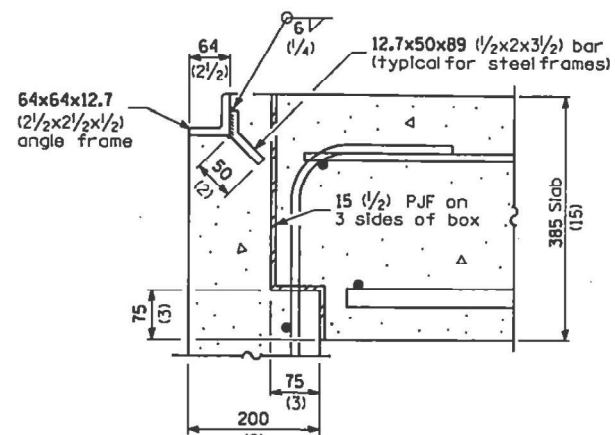


BOX OUTLET
WHEN PRECAST

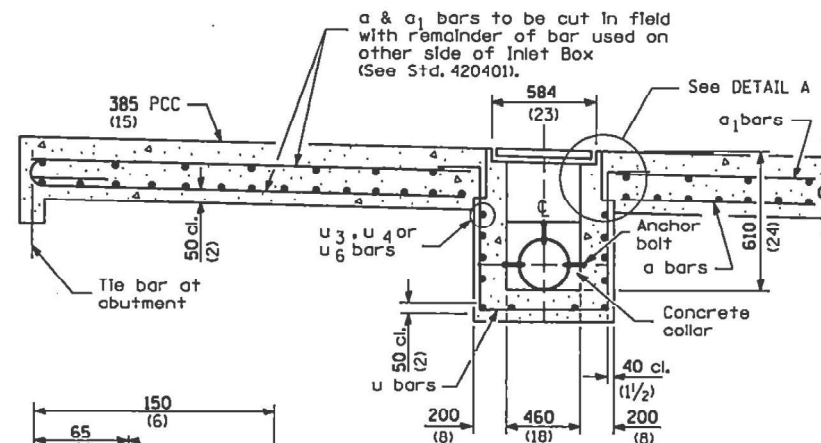
SEC. B-B

INLET TYPE	SHOULDER WIDTH	O-O GRATING FRAME	INLET BOX INSIDE WIDTH	INLET BOX INSIDE LENGTH
Type B	Less than 1.5 m (5')	0.690 m (2'-3")	0.560 m (1'-10")	460 (18)
Type C	1.5 - 1.8 m (5' - 6')	1.325 m (4'-4")	1.195 m (3'-11")	460 (18)
Type D	Greater than 1.8 m (6')	1.960 m (6'-5")	1.830 m (6'-0")	460 (18)

** Vary this dimension
as needed to position
the Inlet Box and Pipe
Drain between the
proposed approach
guardrail posts.



DETAIL A



SECTION A-A

ANCHOR BOLT

(Used to tie pipe
to concrete collar)

GENERAL NOTES

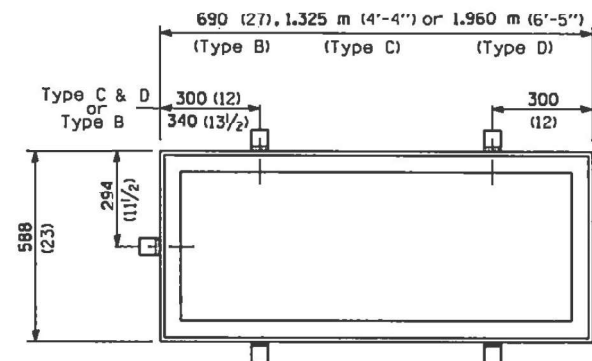
All exposed edges of the Inlet, except the
upper perimeter, shall be beveled 20 mm
(3/4 inch).

All dimensions are in millimeters (inches)
unless otherwise shown.

BRIDGE APPROACH
PAVEMENT
(DRAIN DETAIL)

(Sheet 1 of 2)

STANDARD 609006-02



DETAIL OF STEEL FRAME

Cast frame to have same basic dimensions.

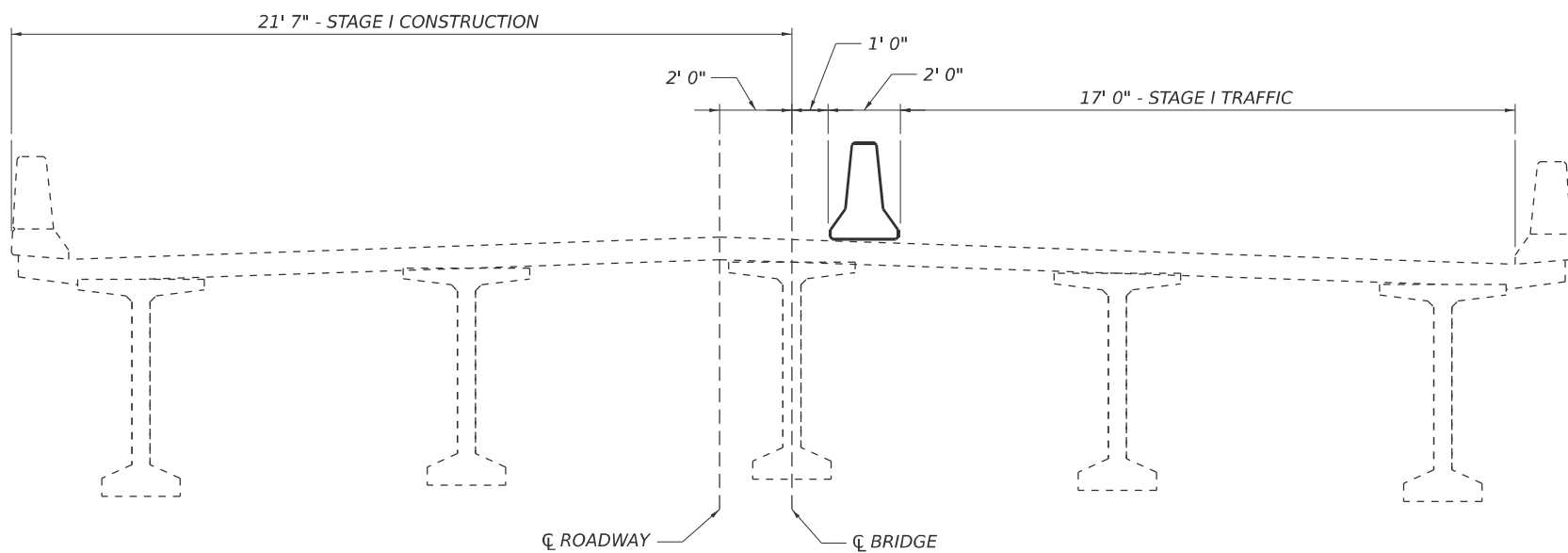
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INLET DETAILS
(FOR INFORMATION ONLY)

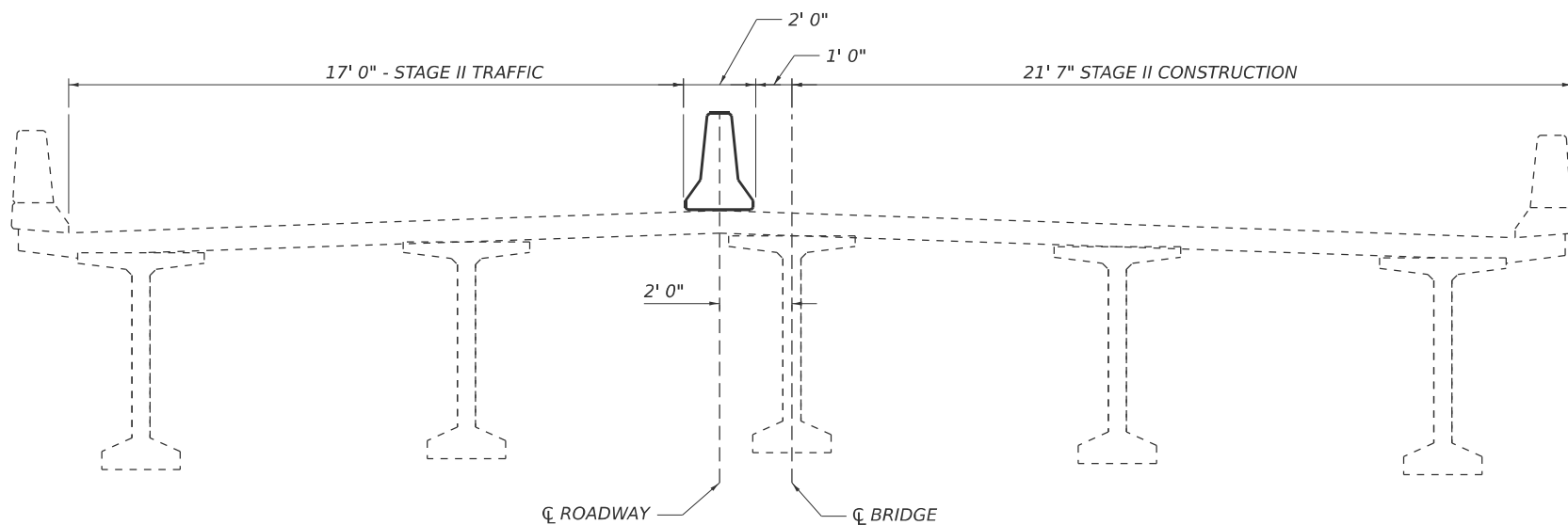
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302	1-7B(BDR,BRR)	ADAMS	17	7
CONTRACT NO. 72346				
ILLINOIS FED. AID PROJECT				

USER NAME = brandon.dudley	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/18/2025	DATE -	REVISED -



STAGE I CROSS SECTION
(BOTH BRIDGES - LOOKING IN DIRECTION OF TRAFFIC)



STAGE II CROSS SECTION
(BOTH BRIDGES - LOOKING IN DIRECTION OF TRAFFIC)

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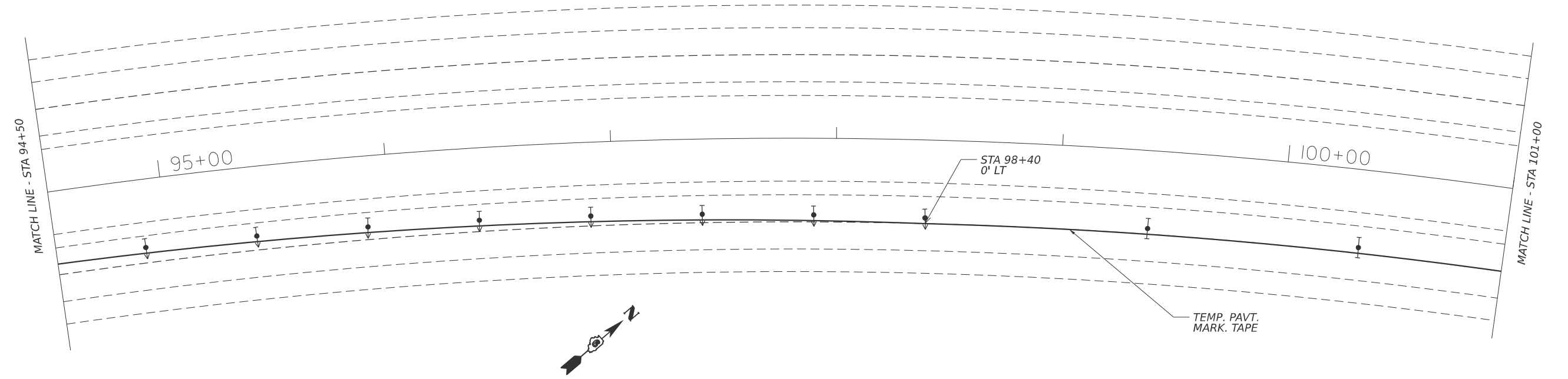
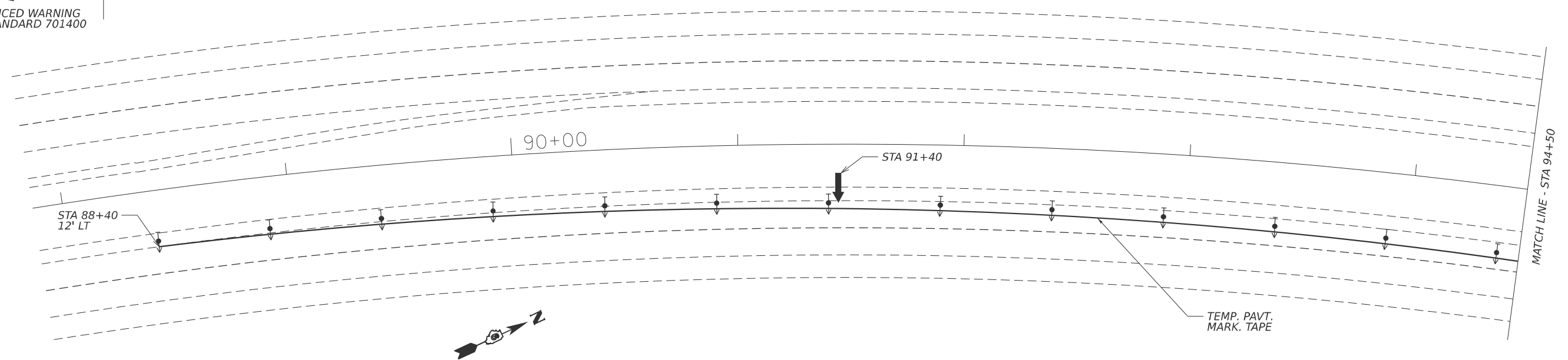
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC STAGING DETAIL

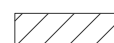
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302	1-7B(BDR,BRR)	ADAMS	17	8
CONTRACT NO. 72346				
ILLINOIS FED. AID PROJECT				

←
ADVANCED WARNING
PER STANDARD 701400



SYMBOLS

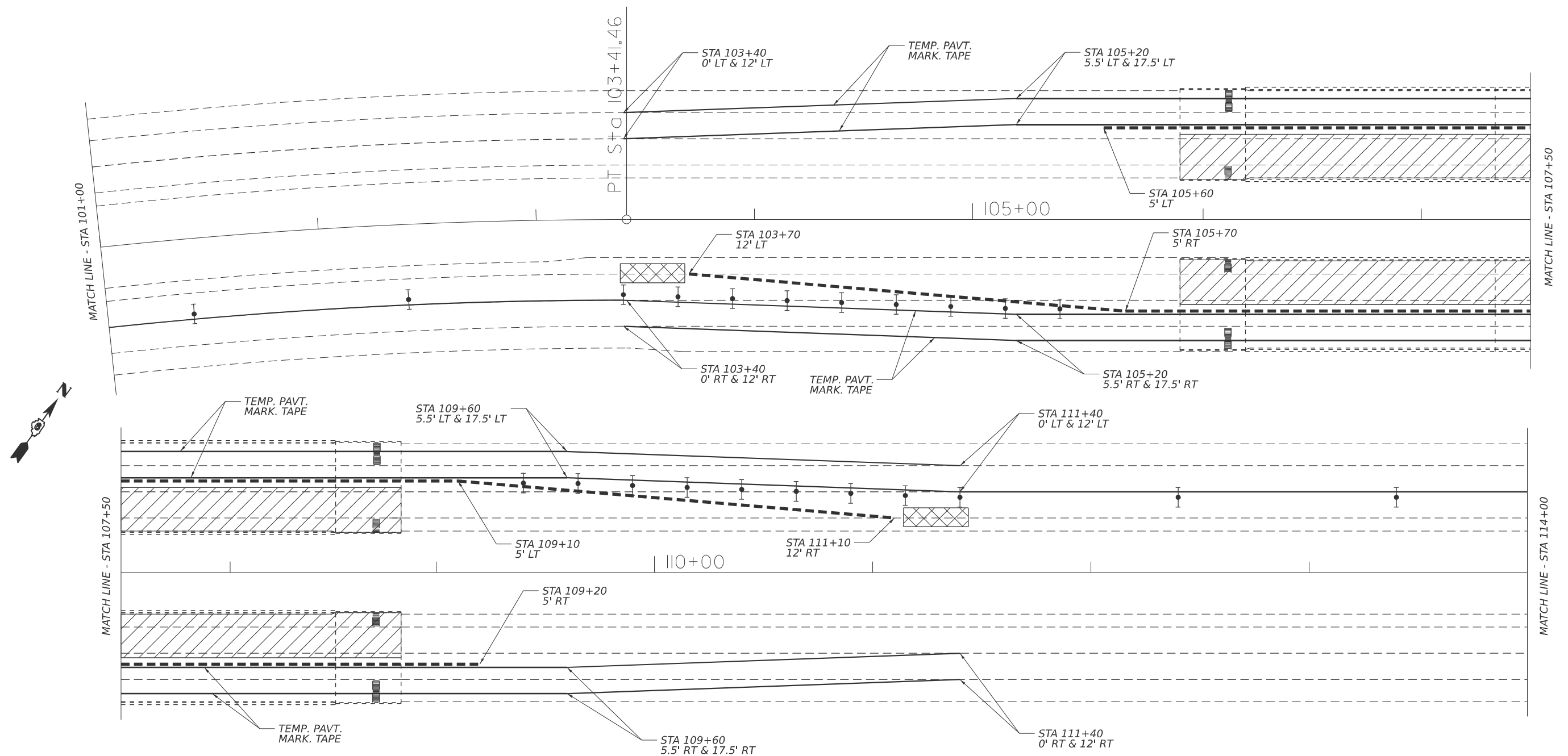
-  WORK AREA
-  ARROW BOARD
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR

TRAFFIC CONTROL NOTES:

1. Traffic control devices not shown in this detail shall be per standard 701400 & 701402. Devices and temporary pavement markings shown in this detail shall be included in the cost of TRAFFIC CONTROL AND PROTECTION, STANDARD 701402. Impact attenuators and temporary concrete barrier shall be paid separately.
2. Temporary concrete barrier offsets given in this detail refer to the edge of the barrier nearest to live traffic.
3. Left and right offsets refer to the centerline of the respective roadway, not the route centerline.

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			DRAWN -	REVISED -						302	1-7B(BDR,BRR)	ADAMS	17	9	
			CHECKED -	REVISED -		CONTRACT NO. 72346									
	PLOT DATE = 2/18/2025		DATE -	REVISED -		SCALE:		SHEET 4	OF 9	SHEETS	STA.	TO STA.			
						ILLINOIS FED. AID PROJECT									



SYMBOLS



WORK AREA



ARROW BOARD



DIRECTION INDICATOR BARRICADE WITH
STEADY BURN MONODIRECTIONAL LIGHT



TYPE II BARRICADE, DRUM, OF VERTICAL BARRICADE
WITH STEADY BURN MONODIRECTIONAL LIGHT



TEMPORARY CONCRETE BARRIER



IMPACT ATTENUATOR

TRAFFIC CONTROL NOTES:

1. Traffic control devices not shown in this detail shall be per standard 701400 & 701402. Devices and temporary pavement markings shown in this detail shall be included in the cost of TRAFFIC CONTROL AND PROTECTION, STANDARD 701402. Impact attenuators and temporary concrete barrier shall be paid separately.
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/18/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE I TRAFFIC CONTROL PLAN

SCALE:	SHEET 5	OF 9	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 72346		
		ILLINOIS	FED. AID PROJECT	

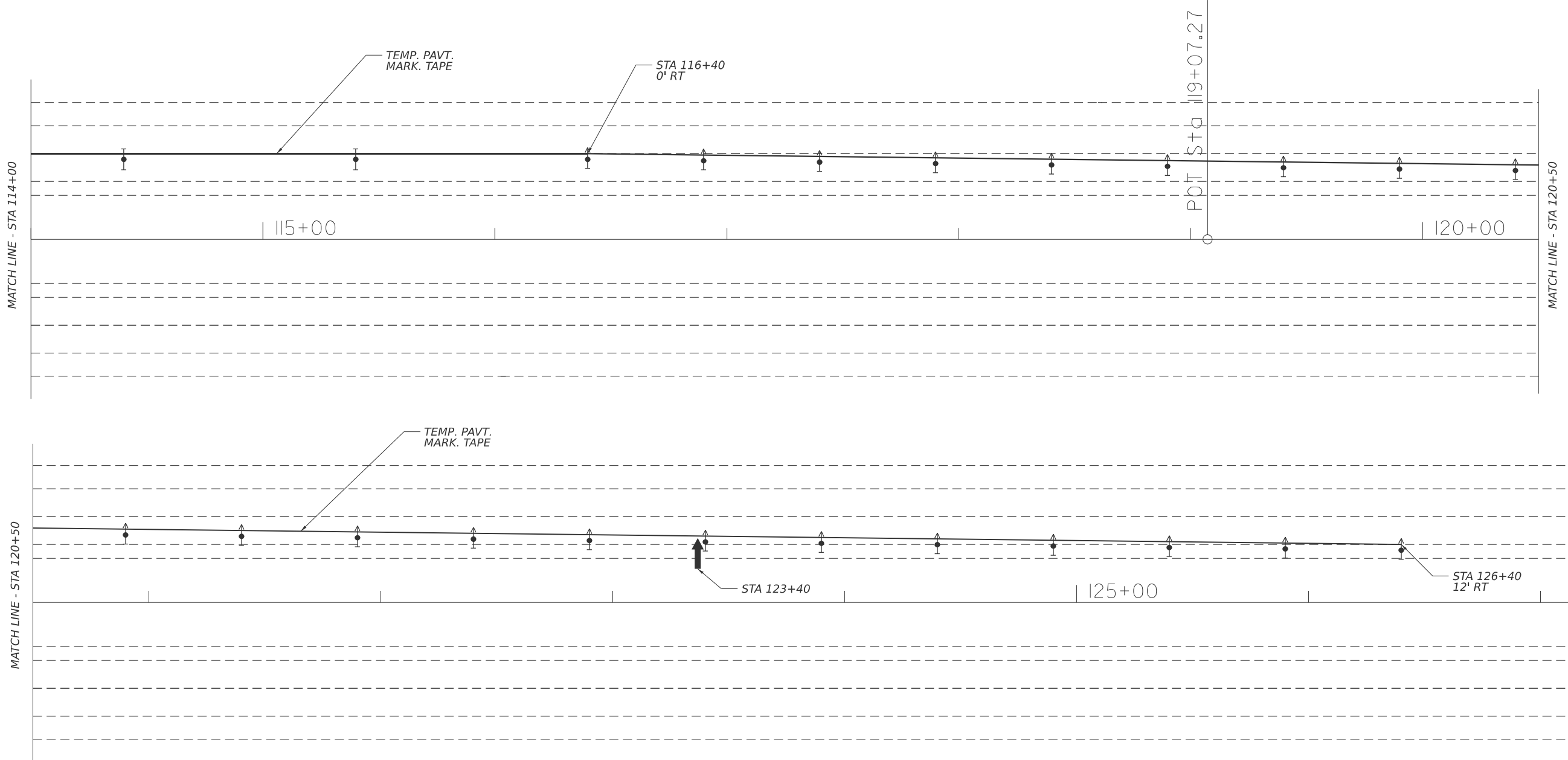
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MATCH LINE - STA 114+00

MATCH LINE - STA 120+50

MATCH LINE - STA 120+50



SYMBOLS

-  WORK AREA
-  ARROW BOARD
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR

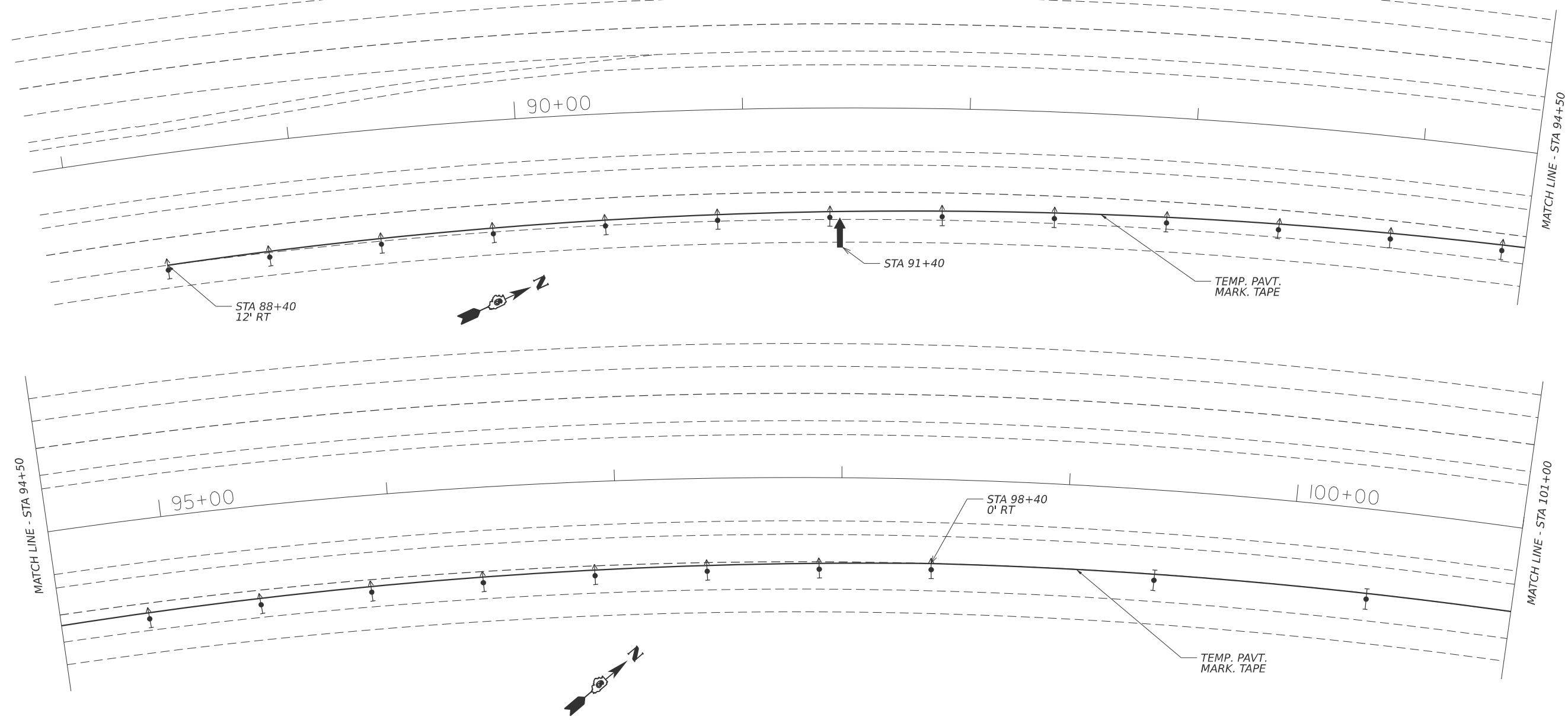


- TRAFFIC CONTROL NOTES:
- Traffic control devices not shown in this detail shall be per standard 701400 & 701402. Devices and temporary pavement markings shown in this detail shall be included in the cost of TRAFFIC CONTROL AND PROTECTION, STANDARD 701402. Impact attenuators and temporary concrete barrier shall be paid separately.
 - Temporary concrete barrier offsets given in this detail refer to the edge of the barrier nearest to live traffic.
 - Left and right offsets refer to the centerline of the respective roadway, not the route centerline.

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		CHECKED -	REVISED -					CONTRACT NO. 72346				
	PLOT DATE = 2/18/2025	DATE -	REVISED -		SCALE:	SHEET 6	OF 9	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

ADVANCED WARNING
PER STANDARD 701400



SYMBOLS

- WORK AREA
- ARROW BOARD
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR

- TRAFFIC CONTROL NOTES:**
- Traffic control devices not shown in this detail shall be per standard 701400 & 701402. Devices and temporary pavement markings shown in this detail shall be included in the cost of TRAFFIC CONTROL AND PROTECTION, STANDARD 701402. Impact attenuators and temporary concrete barrier shall be paid separately.
 - Temporary concrete barrier offsets given in this detail refer to the edge of the barrier nearest to live traffic.
 - Left and right offsets refer to the centerline of the respective roadway, not the route centerline.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

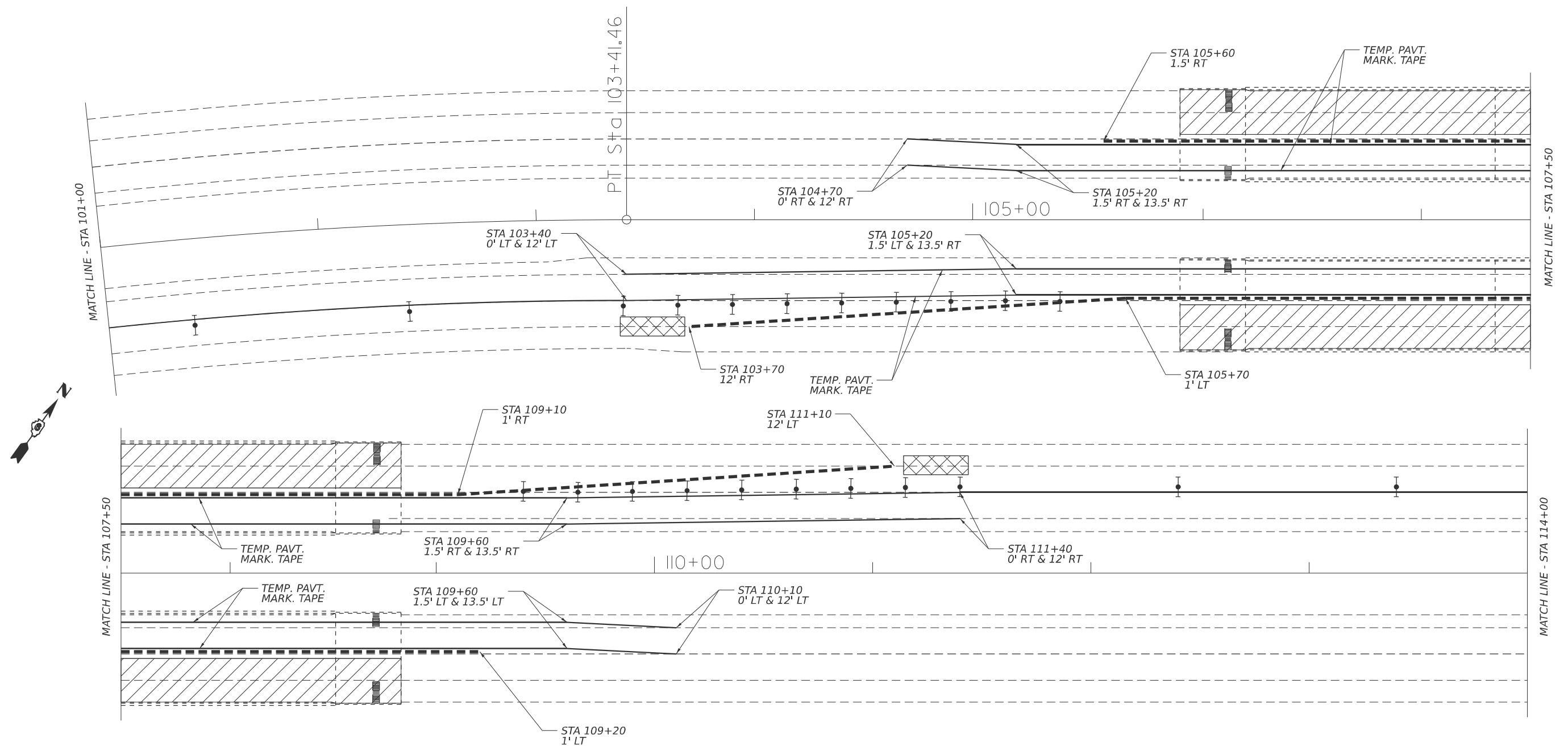
STAGE II TRAFFIC CONTROL PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	1-7B(BDR,BRR)	ADAMS	17	12
CONTRACT NO. 72346				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 7 OF 9 SHEETS STA. TO STA.

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/18/2025	DATE -	REVISED -



TRAFFIC CONTROL NOTES:

1. Traffic control devices not shown in this detail shall be per standard 701400 & 701402. Devices and temporary pavement markings shown in this detail shall be included in the cost of TRAFFIC CONTROL AND PROTECTION, STANDARD 701402. Impact attenuators and temporary concrete barrier shall be paid separately.
2. Temporary concrete barrier offsets given in this detail refer to the edge of the barrier nearest to live traffic.
3. Left and right offsets refer to the centerline of the respective roadway, not the route centerline.

USER NAME = brandon.dudley	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 2/18/2025	DATE -	REVISED -

STAGE II TRAFFIC CONTROL PLAN				
SCALE:	SHEET 8	OF 9	SHEETS	STA. TO STA.

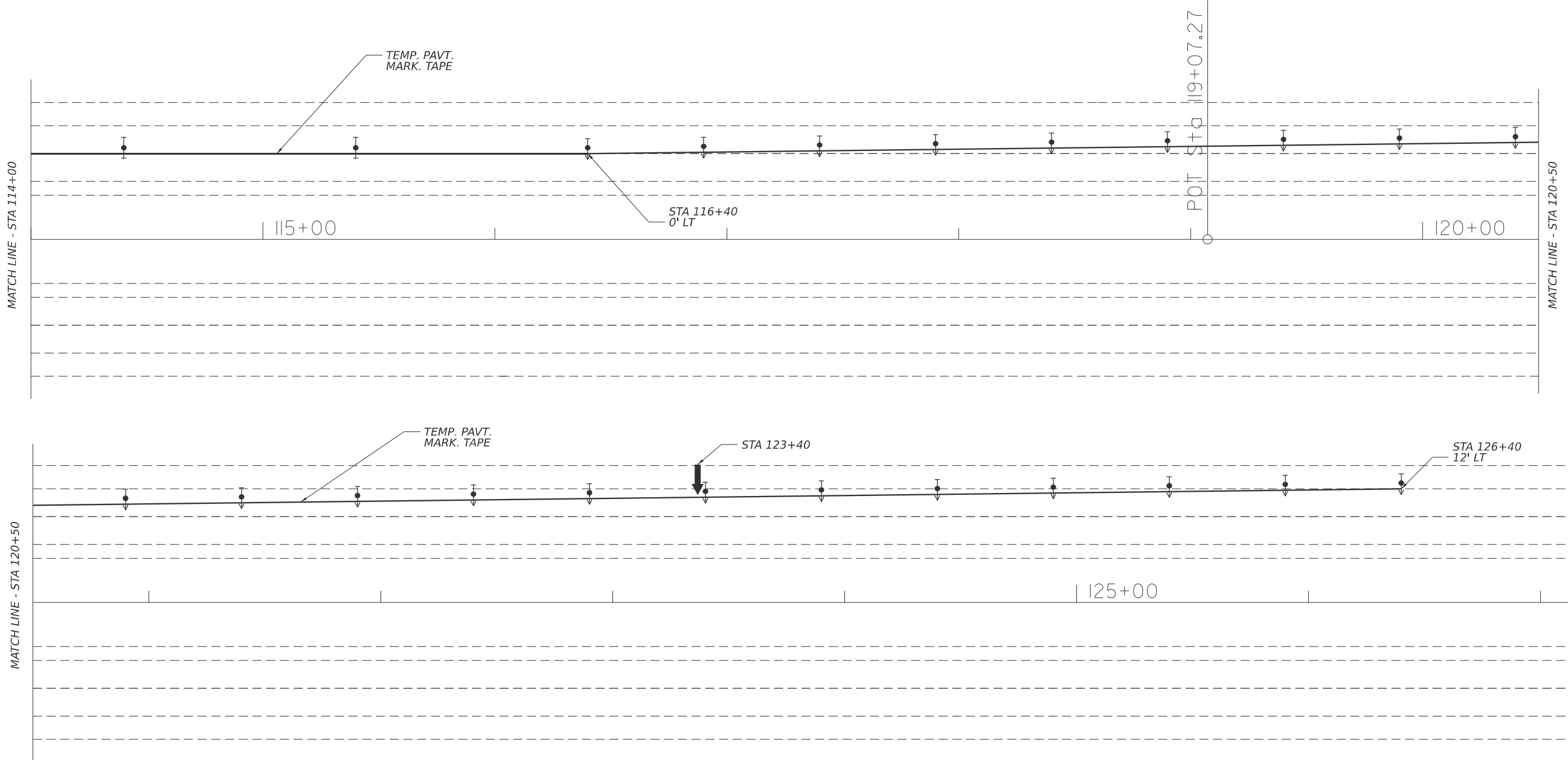
MODEL: traffic-5 [Sheet]
FILE NAME: c:\pw work\pwidot\dudleyb\m1074205\72346 plansheet.dgn



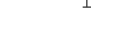
MATCH LINE - STA 114+00

MATCH LINE - STA 120+50

MATCH LINE - STA 120+50



SYMBOLS

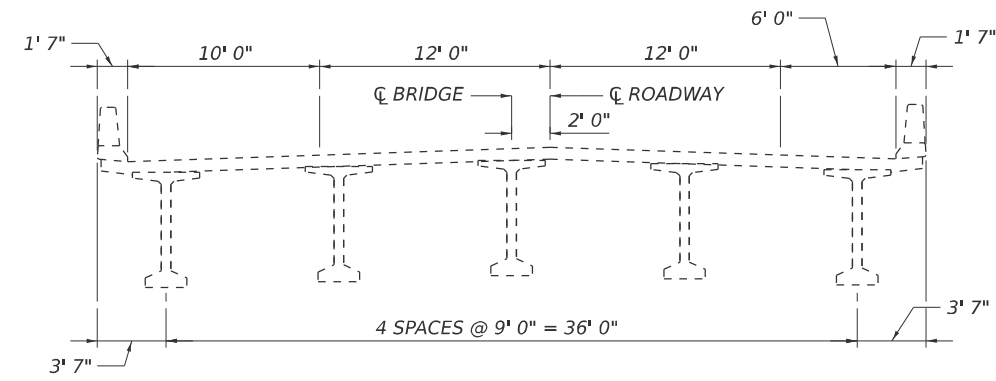
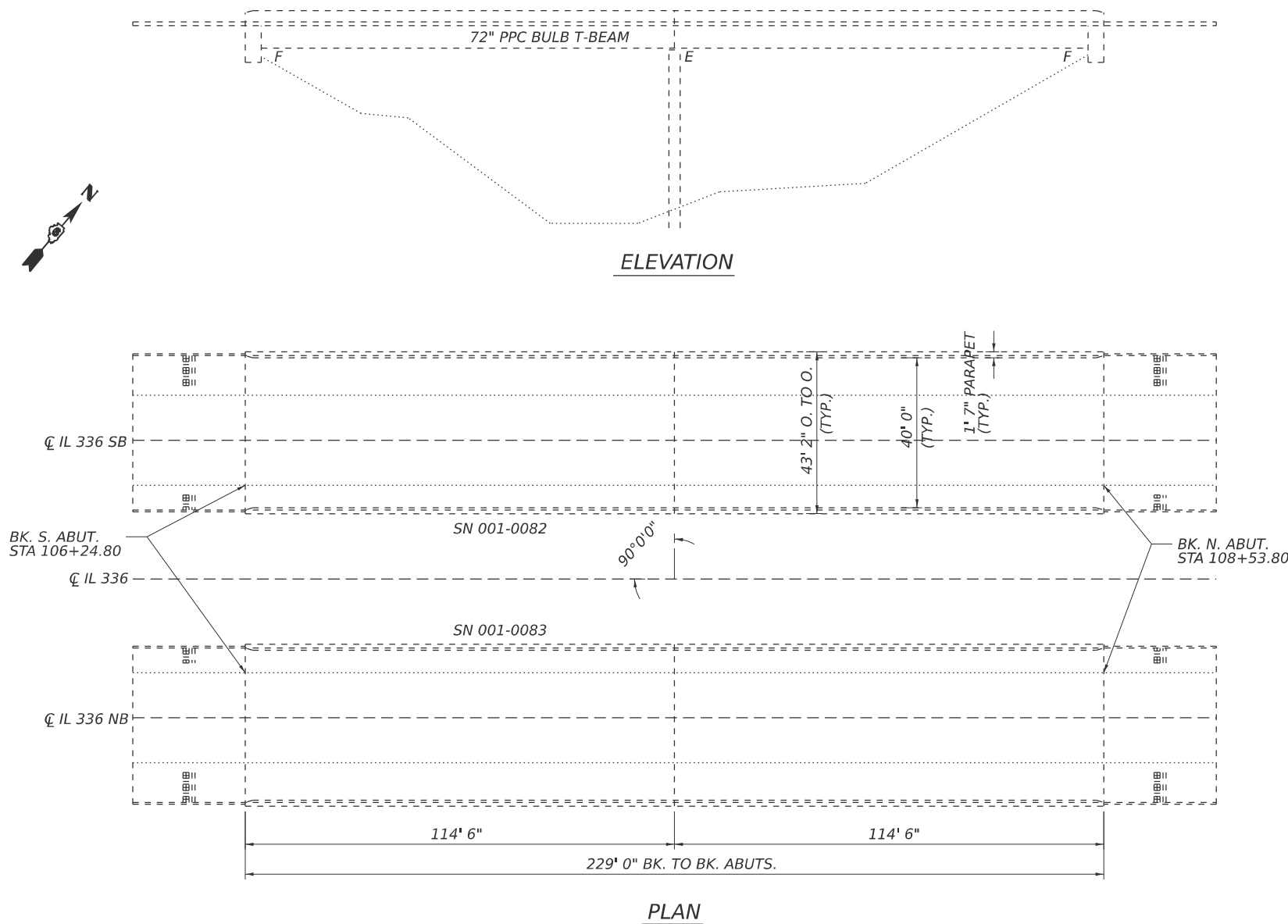
-  WORK AREA
-  ARROW BOARD
-  DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR



- TRAFFIC CONTROL NOTES:**
- Traffic control devices not shown in this detail shall be per standard 701400 & 701402. Devices and temporary pavement markings shown in this detail shall be included in the cost of TRAFFIC CONTROL AND PROTECTION, STANDARD 701402. Impact attenuators and temporary concrete barrier shall be paid separately.
 - Temporary concrete barrier offsets given in this detail refer to the edge of the barrier nearest to live traffic.
 - Left and right offsets refer to the centerline of the respective roadway, not the route centerline.

MODEL: traffic-6 [Sheet]
FILE NAME: c:\p\work\pav\tdudley\mtd1074205\72346 plansheet.dgn

	USER NAME = brandon.dudley	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE II TRAFFIC CONTROL PLAN			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					302	1-7B(BDR,BRR)	ADAMS	17	14
		CHECKED -	REVISED -					CONTRACT NO. 72346				
	PLOT DATE = 2/18/2025	DATE -	REVISED -		SCALE:	SHEET 9	OF 9	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



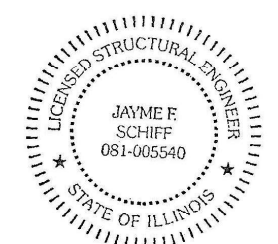
GENERAL NOTES

Prior to pouring the new concrete deck, 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.

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.

Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on As-built Plans.

The Contractor shall use extreme care during concrete removal so as not to damage the PPC Bulb T Beam. Any damage caused during the removal shall be corrected at the contractor's expense.



EXPIRES 11-30-2026
Jayme F. Schiff

TOTAL BILL OF MATERIAL

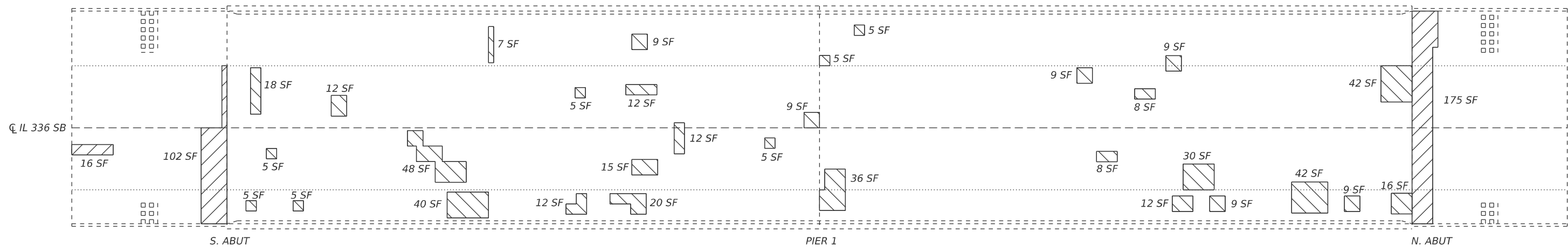
ITEM	UNIT	QUANTITY
Deck Slab Repair (Partial)	Sq. Yd.	120
* Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	10
Approach Slab Repair (Partial Depth)	Sq. Yd.	84
Joint Sealing (Patches)	Foot	2700
** Protective Coat	Sq. Yd.	214

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

** Apply to areas of new concrete only.

MODEL: bridge [Sheet]
FILE NAME: c:\p\work\brandon.dudley\cml\1074205\72346 plansheet.dgn

USER NAME = brandon.dudley	DESIGNED - BRANDON DUDLEY	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE PLAN & ELEVATION SN 001-0082 & 0083				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BRANDON DUDLEY	REVISED -						302	1-7B(BDR,BRR)	ADAMS	17	15
	CHECKED -	REVISED -						CONTRACT NO. 72346				
								ILLINOIS FED. AID PROJECT				
PLOT DATE = 2/18/2025	DATE -	REVISED -						SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.				



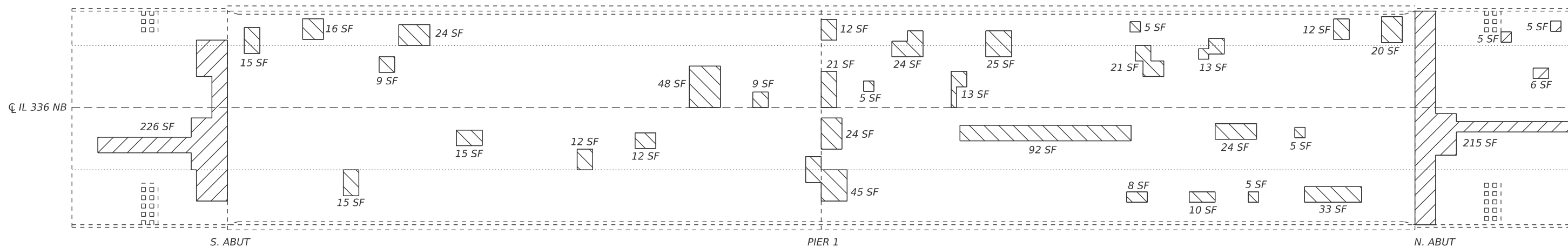
 *Approach Slab Repair (Partial Depth)*

 *Deck Slab Repair (Partial)*

JOINT SEALING (PATCHES) shall be applied in locations as directed in the special provisions, along the entire length of any existing stage construction joints, and along the construction joints between the abutment and approaches.

	ITEM	UNIT	QUANTITY
	Deck Slab Repair (Partial)	Sq. Yd.	54
*	Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	5
	Approach Slab Repair (Partial Depth)	Sq. Yd.	33
	Joint Sealing (Patches)	Foot	1200
**	Protective Coat	Sq. Yd.	92

**** Apply to areas of new concrete only.**



 *Approach Slab Repair (Partial Depth)*

 *Deck Slab Repair (Partial)*

JOINT SEALING (PATCHES) shall be applied in locations as directed in the special provisions, along the entire length of any existing stage construction joints, and along the construction joints between the abutment and approaches.

	ITEM	UNIT	QUANTITY
	Deck Slab Repair (Partial)	Sq. Yd.	66
*	Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	5
	Approach Slab Repair (Partial Depth)	Sq. Yd.	51
	Joint Sealing (Patches)	Foot	1500
**	Protective Coat	Sq. Yd.	122

**** Apply to areas of new concrete only.**

FILE NAME:	USER NAME = brandon.dudley	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SLAB REPAIR PLAN SN 001-0083				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -						302	1-7B(BDR,BRR)	ADAMS	17	17	
		CHECKED -	REVISED -							CONTRACT NO. 72346				
	PLOT DATE = 2/18/2025	DATE -	REVISED -		SCALE:	SHEET 3	OF 3	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT		