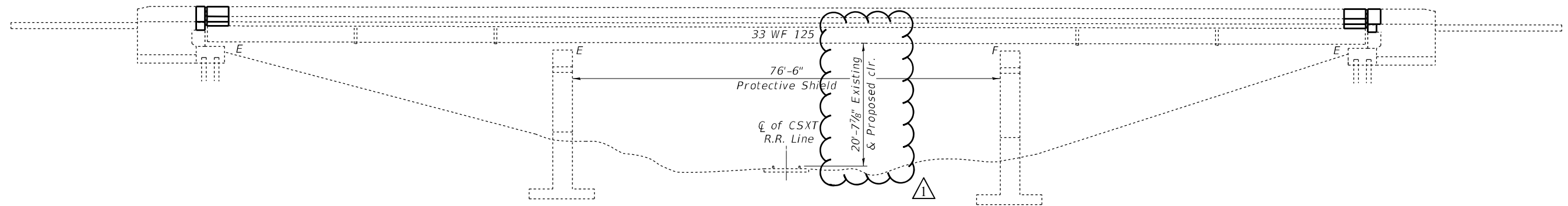
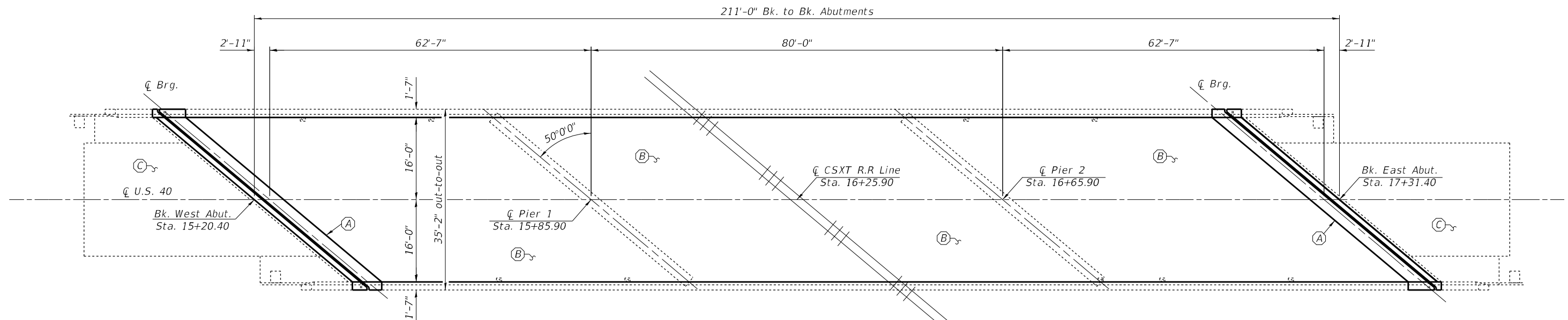
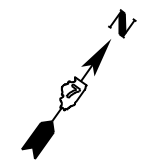


Existing Structure: SN. 026-0042 carries U.S. Rte 40 (FAS 1751) over CSXT Railroad.
 The existing three span steel beam structure was constructed in 1943 and reconstructed in 1991. The proposed project consists of replacement of existing expansion joints with strip seals, bridge deck scarification, deck & approach patching, bridge deck overlay, & structural steel repair. Construction shall be completed using full road closure.



ELEVATION



PLAN

- (A) - Remove Existing Expansion Joints and Replace with Strip Seal Expansion Joint & Structural Steel Repair
- (B) - Bridge Deck Scarification, 3/4", Deck Patching, & Bridge Deck Fly Ash or GGBF Slag Concrete Overlay, 2 1/4"
- (C) - Approach Slab Patching & See Roadway Plans for Overlay

1 REVISED 10-27-2022

MODEL: I:\MODELS\MAMES
FILE: I:\MAMES: STEELS

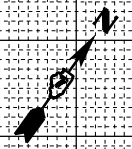
USER NAME = \$USERS	DESIGNED - T. Walk	REVISED -
	DRAWN - T. Walk	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - D. Macklin	REVISED -
PLOT DATE = \$DATE\$	DATE - Sept. 2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
 S.N. 026-0042

SCALE: SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1751	D7 BRIDGE REPAIRS 2023-6	FAYETTE	50	13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74A92	



026-0042 West Span

Bk. of West
Appr. Bent.

Pier 1

PATCH NO.	SIZE		DECK SLAB REPAIR (FD TY I)	DECK SLAB REPAIR (FD TY II)
	LENGTH	WIDTH	SQ YD	SQ YD
1	1.0	3.0	0.3	
2	1.0	4.0	0.4	
TOTALS			0.8	0
ROUND TO:			1.0	0



THE LOCATIONS AND SIZES SHOWN GRAPHICALLY ABOVE ARE APPROXIMATE. SEE THIS TABLE FOR ACTUAL SIZES.

- DECK REPAIR FULL DEPTH TY 1 & TY 2
- APPROACH REPAIR PARTIAL DEPTH
- APPROACH REPAIR FULL DEPTH

DATE OF SURVEY: 9-2-2021
SURVEY BY: DPM & TMW
METHOD OF SURVEY: VISUAL

ESTIMATED PAY QUANTITIES
 DECK SLAB REPAIR (FULL DEPTH, TYPE 1) = 1.0 SQ YD
 DECK SLAB REPAIR (FULL DEPTH, TYPE 2) = 0 SQ YD
 APPROACH SLAB REPAIR (PARTIAL DEPTH) = 0 SQ YD
 APPROACH SLAB REPAIR (FULL DEPTH) = 0 SQ YD

REVISED 10-27-2022

MODEL: SMOBELNAMES
FILE NAME: SPL125

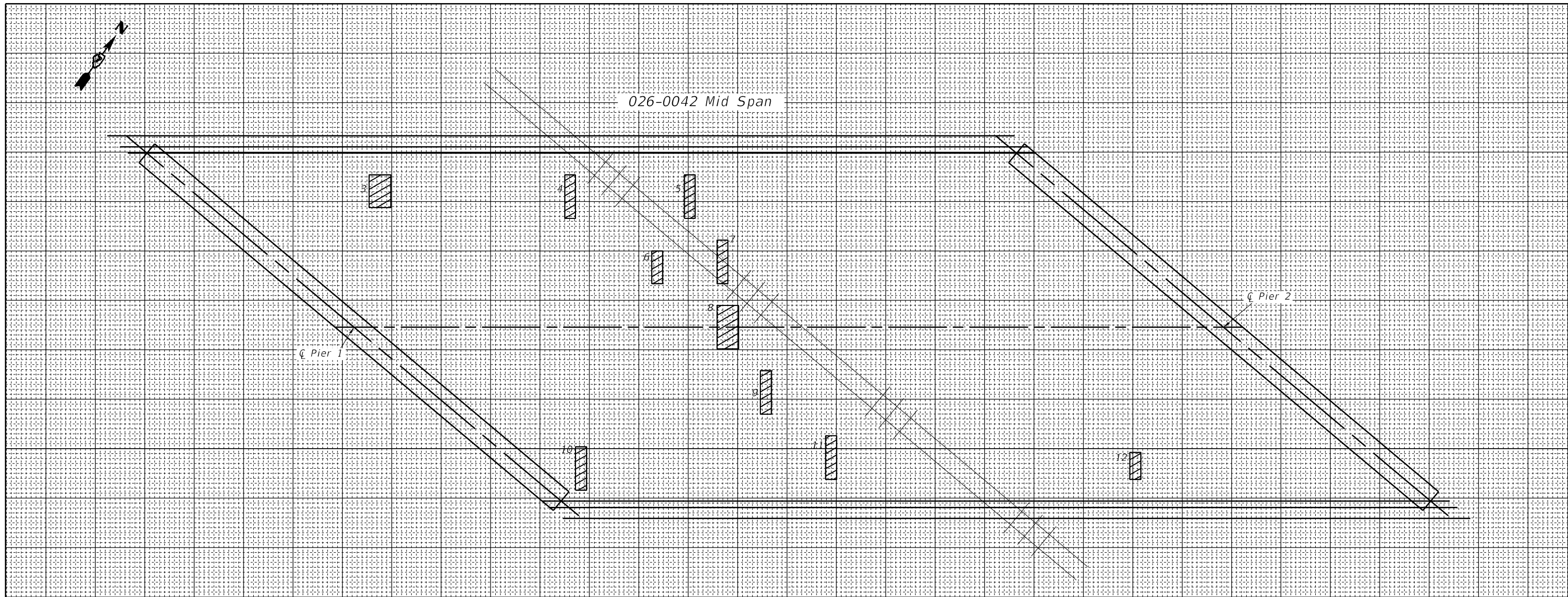
USER NAME = \$USERS	DESIGNED - T. Walk	REVISED -
	DRAWN - T. Walk	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - D. Macklin	REVISED -
PLOT DATE = \$DATE\$	DATE - Sept. 2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE DECK PATCHING & APPROACH REPAIR,
WEST SPAN SN. 026-0042**

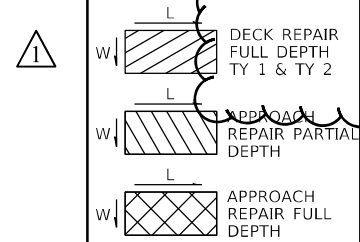
SCALE: SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1751	D7 BRIDGE REPAIRS 2023-6	FAYETTE	50	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74A92	



PATCH NO.	SIZE		DECK SLAB REPAIR (FD TY I)	DECK SLAB REPAIR (FD TY II)
	LENGTH	WIDTH	SQ YD	SQ YD
3	2.0	3.0		0.7
4	1.0	4.0	0.4	
5	1.0	4.0	0.4	
6	1.0	3.0	0.3	
7	1.0	4.0	0.4	
8	2.0	4.0		0.9
9	1.0	4.0	0.4	
10	1.0	4.0	0.4	
11	1.0	4.0	0.4	
12	1.0	2.5	0.3	
TOTALS			3.3	1.6
ROUND TO:			4.0	2.0

THE LOCATIONS AND SIZES SHOWN GRAPHICALLY ABOVE ARE APPROXIMATE. SEE THIS TABLE FOR ACTUAL SIZES.



DATE OF SURVEY: 9-2-2021
 SURVEY BY: DPM & TMW
 METHOD OF SURVEY: VISUAL

ESTIMATED PAY QUANTITIES
 DECK SLAB REPAIR (FULL DEPTH, TYPE 1) = 4.0 SQ YD
 DECK SLAB REPAIR (FULL DEPTH, TYPE 2) = 2.0 SQ YD
 APPROACH SLAB REPAIR (PARTIAL DEPTH) = 0 SQ YD
 APPROACH SLAB REPAIR (FULL DEPTH) = 0 SQ YD

REVISION 10-27-2022

MODEL: SMOBELNAMES
FILE NAME: SPLITS

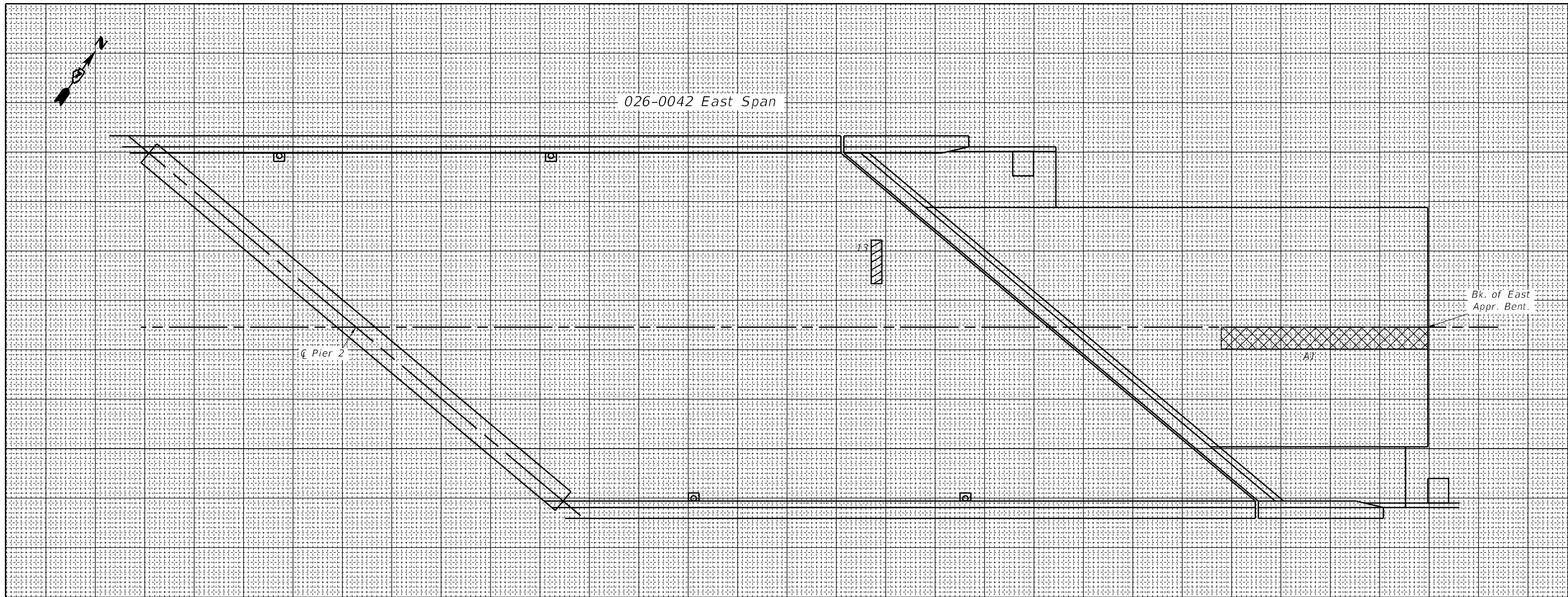
USER NAME = \$USERS	DESIGNED - T. Walk	REVISED -
	DRAWN - T. Walk	REVISED -
PLOT SCALE = \$SCALES	CHECKED - D. Macklin	REVISED -
PLOT DATE = \$DATES	DATE - Sept. 2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BRIDGE DECK PATCHING & APPROACH REPAIR,
 MID SPAN SN. 026-0042**

SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1751	D7 BRIDGE REPAIRS 2023-6	FAYETTE	50	19
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74A92	



PATCH NO.	SIZE		DECK SLAB REPAIR (FD TY I)	DECK SLAB REPAIR (FD TY II)
	LENGTH	WIDTH	SQ YD	SQ YD
13	1.0	4.0	0.4	
TOTALS			0.4	0
ROUND TO:			1.0	0

PATCH NO.	SIZE		APPROACH SLAB REPAIR (PARTIAL DEPTH)	APPROACH SLAB REPAIR (FULL DEPTH)
	LENGTH	WIDTH	SQ YD	SQ YD
A1	19.0	2.0		4.2
TOTALS			0	4.2
ROUND TO:			0	5.0

THE LOCATIONS AND SIZES SHOWN GRAPHICALLY ABOVE ARE APPROXIMATE. SEE THIS TABLE FOR ACTUAL SIZES.

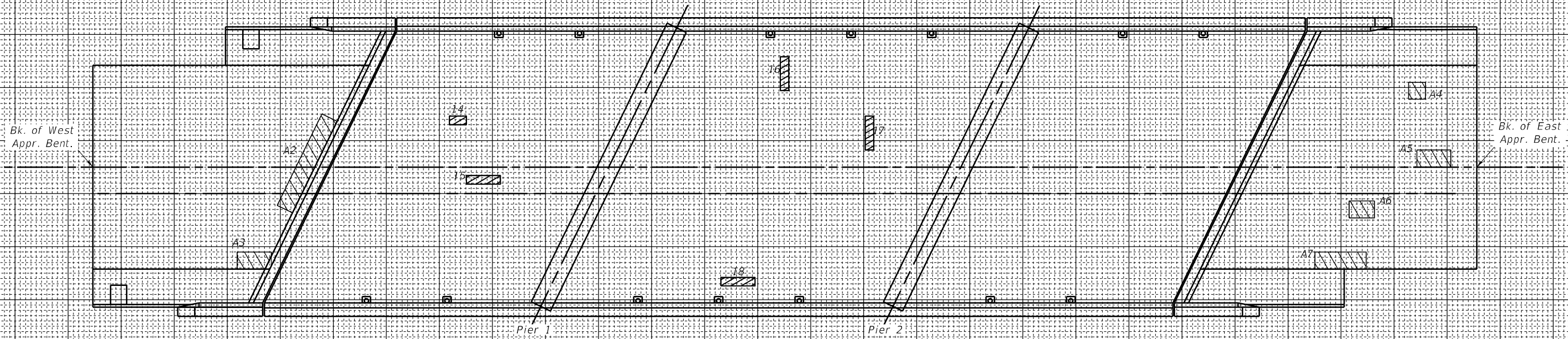
DATE OF SURVEY: 9-2-2021
 SURVEY BY: DPM & TMW
 METHOD OF SURVEY: VISUAL

ESTIMATED PAY QUANTITIES
 DECK SLAB REPAIR (FULL DEPTH, TYPE 1) = 1.0 SQ YD
 DECK SLAB REPAIR (FULL DEPTH, TYPE 2) = 0 SQ YD
 APPROACH SLAB REPAIR (PARTIAL DEPTH) = 0 SQ YD
 APPROACH SLAB REPAIR (FULL DEPTH) = 5.0 SQ YD

REVISED 10-27-2022

MODEL: SMOBELNAMES
 FILE NAME: SPL125

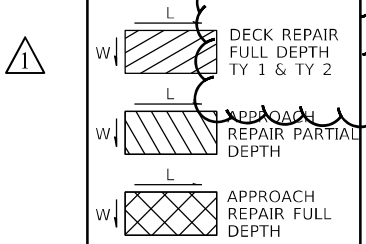
026-0044 Bridge Deck Patching & Approach Repair



PATCH NO.	SIZE		DECK SLAB REPAIR (FD TY I)	DECK SLAB REPAIR (FD TY II)
	LENGTH	WIDTH	SQ YD	SQ YD
14	2.0	1.0	0.2	
15	4.0	1.0	0.4	
16	1.0	4.0	0.4	
17	1.0	4.0	0.4	
18	4.0	1.0	0.4	
TOTALS			2.0	0
ROUND TO:			2.0	0

PATCH NO.	SIZE		APPROACH SLAB REPAIR (PARTIAL DEPTH)	APPROACH SLAB REPAIR (FULL DEPTH)
	LENGTH	WIDTH	SQ YD	SQ YD
A2	2.0	12.0	2.7	
A3	4.0	2.0	0.9	
A4	2.0	2.0	0.4	
A5	4.0	2.0	0.9	
A6	3.0	2.0	0.7	
A7	6.0	2.0	1.3	
TOTALS			6.9	0
ROUND TO:			7.0	0

THE LOCATIONS AND SIZES SHOWN GRAPHICALLY ABOVE ARE APPROXIMATE. SEE THIS TABLE FOR ACTUAL SIZES.



DATE OF SURVEY: 9-2-2021
SURVEY BY: DPM & TMW
METHOD OF SURVEY: VISUAL

ESTIMATED PAY QUANTITIES
DECK SLAB REPAIR (FULL DEPTH, TYPE 1) = 2.0 SQ YD
DECK SLAB REPAIR (FULL DEPTH, TYPE 2) = 0 SQ YD
APPROACH SLAB REPAIR (PARTIAL DEPTH) = 7.0 SQ YD
APPROACH SLAB REPAIR (FULL DEPTH) = 0 SQ YD

⚠️ REVISED 10-27-2022

MODEL: SMOBELNAMES
FILE NAME: SPL125

USER NAME = \$USERS	DESIGNED - T. Walk	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - T. Walk	REVISED -
PLOT DATE = \$DATE\$	CHECKED - D. Macklin	REVISED -
	DATE - Sept. 2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

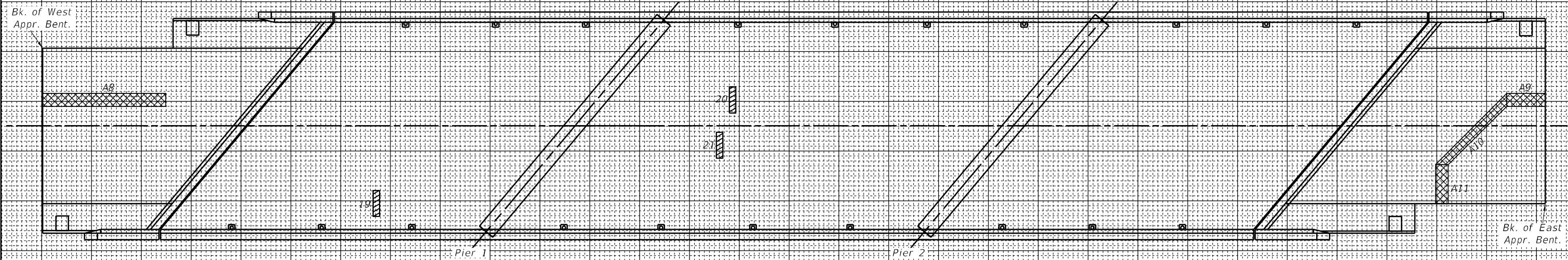
BRIDGE DECK PATCHING & APPROACH REPAIR
SN. 026-0044

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1751	D7 BRIDGE REPAIRS 2023-6	FAYETTE	50	29
CONTRACT NO. 74A92			ILLINOIS FED. AID PROJECT	

BRIDGE DECK PATCHING

026-0045 Bridge Deck Patching & Approach Repair



PATCH NO.	SIZE		DECK SLAB REPAIR (FD TY I) SQ YD	DECK SLAB REPAIR (FD TY II) SQ YD
	LENGTH	WIDTH		
19	1.0	4.0	0.4	
20	1.0	4.0	0.4	
21	1.0	4.0	0.4	
TOTALS			1.3	0
ROUND TO:			2.0	0

PATCH NO.	SIZE		APPROACH SLAB REPAIR (PARTIAL DEPTH) SQ YD	APPROACH SLAB REPAIR (FULL DEPTH) SQ YD
	LENGTH	WIDTH		
A8	19.0	2.0		2.7
A9	6.0	2.0		1.3
A10	2.0	14.5		3.2
A11	2.0	6.0		1.3
TOTALS			0	10.1
ROUND TO:			0	11.0

THE LOCATIONS AND SIZES SHOWN GRAPHICALLY ABOVE ARE APPROXIMATE. SEE THIS TABLE FOR ACTUAL SIZES.

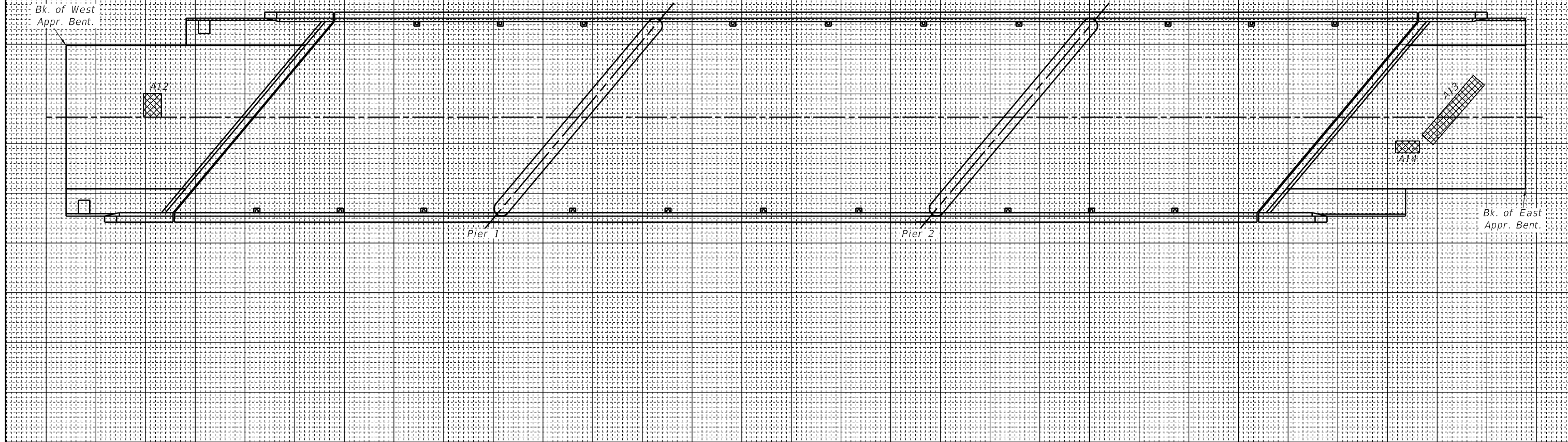
DATE OF SURVEY: 9-2-2021
 SURVEY BY: DPM & TMW
 METHOD OF SURVEY: VISUAL

ESTIMATED PAY QUANTITIES
 DECK SLAB REPAIR (FULL DEPTH, TYPE 1) = 2.0 SQ YD
 DECK SLAB REPAIR (FULL DEPTH, TYPE 2) = 0 SQ YD
 APPROACH SLAB REPAIR (PARTIAL DEPTH) = 0 SQ YD
 APPROACH SLAB REPAIR (FULL DEPTH) = 11.0 SQ YD

REVISION 10-27-2022

MODEL: SMOBELNAMES
 FILE NAME: SPL125

026-0046 Bridge Deck Patching & Approach Repair



PATCH	SIZE		APPROACH SLAB REPAIR (PARTIAL DEPTH)	APPROACH SLAB REPAIR (FULL DEPTH)
	NO.	LENGTH	WIDTH	SQ YD
A12	3.0	4.0		1.3
A13	2.5	13.0		3.6
A14	4.0	2.0		0.9
TOTALS			0	5.8
ROUND TO:			0	6.0

THE LOCATIONS AND SIZES SHOWN GRAPHICALLY ABOVE ARE APPROXIMATE. SEE THIS TABLE FOR ACTUAL SIZES.

DATE OF SURVEY: 9-2-2021
 SURVEY BY: DPM & TMW
 METHOD OF SURVEY: VISUAL

ESTIMATED PAY QUANTITIES
 DECK SLAB REPAIR (FULL DEPTH, TYPE 1) = 0 SQ YD
 DECK SLAB REPAIR (FULL DEPTH, TYPE 2) = 0 SQ YD
 APPROACH SLAB REPAIR (PARTIAL DEPTH) = 0 SQ YD
 APPROACH SLAB REPAIR (FULL DEPTH) = 6.0 SQ YD

⚠️ REVISED 10-27-2022

MODEL: SMOBELNAMES
FILE NAME: SPL125