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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

D-95-002-22

SECTION

(74-69HB-3)BR

PIATT 20 1 CONTRACT NO. 70F73

ITS DAVINE I.S. STEPHENSON WINNERACO BOUNT MC HENRY LAKE
CARROLL OGER DE KALB KANE DU PAGE COOF
MERCER PUTMAN
STARY MARSHALL PEDRIA WOODFORD PLANCES E PLOCACES E
HARCOC MC DONOUCH FU,TOV TAREWE MC 18AM FORD FORD VERMALON
ACAMS BROWN CASS BITHARD MACCIN MOUTTRE DOUGLAS EDGAR
CHRISTIAN COLLS CORENT MACONING MACONING MACONING CHRISTIAN COLLS CUMBERLAD CLARA CL
FAYETTE 333-MGAMAM MASER CRANFORD MADEL CRANFORD C. AS RECHARACE C. AS RECHARACE
ST. CLA R WASHINGTON WASHINGTON PERRY PAPELTON WITHER
ACKSOM WILLIAMSOM SALING GALLATY
LHBON DOINGOL 2025 FAILURE LHBON WAS SALE
LOCATION OF SECTION INDICATED THUS:

SUBMITTED COLOR DE 20 23 REGIONAL ENGINEER February 2, 2024 ENGINEER OF DESIGN AND ENVIRONMENT February 2, 2024 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

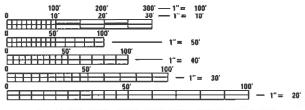
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3

CURRENT TRAFFIC DATA

	LEG A	LEG B
	<u>I-72</u>	FAS 1532
2023 ADT	14,200	475
2033 ADT	14,900	500
2043 AM DHV	1,050	500
2043 PM DHV	1,290	50
PU + PC%	77.8	92.4
SU%	3.5	6.1
MU%	18.7	1.5

DESIGN DESIGNATION

INTERSTATE (FAI-72)
MAJOR COLLECTOR (FAS 1532)



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
WHITE HEATH TOWNSHIP

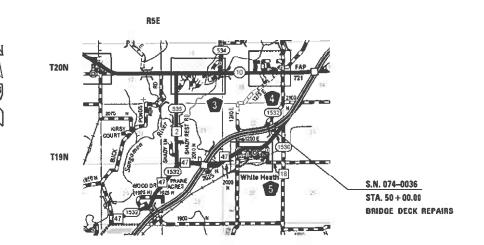
PROJECT ENGINEER: TIM BRANDENBURG PROJECT MANAGER: JEFF M. SHERER DISTRICT PHONE (217) 465–4181 CONTRACT NO. 70F73

PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 72 (I-72)
SECTION (74-69HB-3)BR
PROJECT N/A
BRIDGE DECK REPAIRS
PIATT COUNTY

C-95-019-22

AT 1-72 E OF WHITE HEATH



GROSS LENGTH = 304.00 FT. = 0.058 MILE

NET LENGTH = 304.00 FT. = 0.058 MILE

INDEX OF SHEETS

SHEET NO.	<u>ITEM</u>
r 1	COVER SHEET
~ 2	INDEX OF SHEETS/ HIGHWAY STANDARDS
~ 2	GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5	GENERAL PLAN/ ELEVATION S.N. 074-0036
• 6	TYPICAL DECK CROSS-SECTION
7-8	DETAIL OF DECK END REPAIRS
9-11	DETAIL OF STEEL REPAIRS
12-16	DETAIL OF DECK PATCHING
1 7	DEAIL OF FLOOR DRAINS
" 18	DETAIL OF WEARING SURFACE
5 19	DETAIL OF BUTT-JOINTS
2 0	DETAIL OF ROAD CLOSURE

LIST OF STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
701001-02	OFF RD OPERATIONS, 2L, 2W, 15' FROM PAVEMENT EDGE
701006-05	OFF RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGI
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATION
701400- 12	APPROACH TO LANE CLOSURE FREEWAY/ EXPRESSWAY
701406-13	LANE CLOSURE FREEWAY/ EXPRESSWAY DAY ONLY
701901- 09	TRAFFIC CONTROL DEVICES

GENERAL NOTES

G.N.-100A

ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-105.09A

ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

GN 406H Mixture Requirements

Contract: 70F73

Location	CR 1532
Mixture Use	Mainline
AC/PG	PG 64-22
Design Air Voids	4.0% @ Ndes=50
Mix Comp(Gradation)	IL 9.5
Friction Aggregate	Mix C
Mixture Weight	112
Quality Management Program	QC/QA
Sublot Size	3000
Material Transfer Device (Required ?)	NO

COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

THERE ARE NO COMMITMENTS ASSOCIATED WITH THIS PROJECT

USER NAME = Jeff Sherer	DESIGNED - JMS	REVISED -
	DRAWN - JMS	REVISED -
PLOT SCALE = 40.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 12/4/2023	DATE - 031220	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS/HIGHWAY STANDARDS					F.A.I. RTE.	SECTION	COUNTY	SH	
GENERAL NOTES						72	(74-69HB-3)BR	PIATT	
GLIVENAL IVOTES							CONTRACT	ΓN	
NE	SHEET 1	OF 1	SHEETS	STA	TO STA		ILLINOIS SED	UD DROJECT	

REV. 1/10/24

PIATT
STRUCTURE
IMPROVEMENT
F.A.I. 72
S.N. 074-0036
STA. 50+00.00
100% STATE

				100/0 01/112
<u> </u>				
CODE	i i i i i i i i i i i i i i i i i i i	LIAUT	TOTAL	0047
NO.	ITEM	UNIT	QUANTITY	RURAL
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	188.0	188.0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	90.0	90.0
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	16.0	16.0
50100100	CONODETE DEMOVAL	CILVE	0.7	0.7
50102400	CONCRETE REMOVAL	CU YD	6.7	6.7
50157300	PROTECTIVE SHIELD	SQ YD	226.0	226.0
00107000	THO TESTIVE STILLED	0415	220.0	220.0
50300100	FLOOR DRAINS	EACH	16.0	16.0
			 	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	7.7	7.7
			 	
50300260	BRIDGE DECK GROOVING	SQ YD	620.0	620.0
50300300	PROTECTIVE COAT	SQ YD	667.0	667.0
	THO IEOTHE GOAT	00,15	007.0	
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	3,330.0	3,330.0
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	990.0	990.0
50400040	ELACTOMERIO READINO ACCEMBLY, TYPE I	EACH	0.0	
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	8.0	8.0
52100520	ANCHOR BOLTS, 1"	EACH	16.0	16.0
-	·			
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	6.0	6.0
			† †	
67100100	MOBILIZATION	L SUM	1.0	1.0
	SPECIALTY ITEM (NONE)			

SPECIALTY ITEM (NONE)

USER NAME = Jeff-Sherer	DESIGNED	-	JMS	REVISED	-
	DRAWN	-	JMS	REVISED	-
PLOT SCALE = 40.0000 / in	CHECKED	-		REVISED	-
PLOT DATE = 12/4/2023	DATE	-	11152022	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

							F.A.I. RTE	SECTION	COUNT	, TOTAL SHEETS	SHEET NO.
SUMMARY OF QUANTITIES						72	(74-69HB-3)BR	PIATT	20	3	
								CONTRA	ACT NO. 7	0F73	
SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.						ILLINOIS	FED. AID PROJECT				

ey.com:PWIDUT\Documents\IDOT_Offices\District_S\Projects\D57UF73\CADData\Hydraulics\70F73-sht-SOC

CONSTRUCTION CODE
PIATT
STRUCTURE
IMPROVEMENT
F.A.I. 72
S.N. 074-0036
STA. 50+00.00
100% STATE

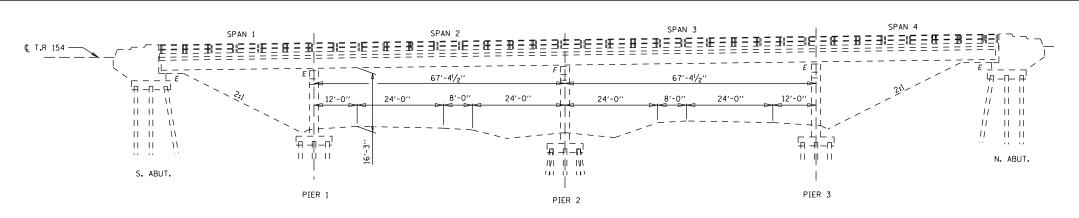
0005			TOTAL	0047
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0047 RURAL
110.	TIEW	- Olui	GOANTITI	HOHAL
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1.0	1.0
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28.0	28.0
Z0001899	JACK AND REMOVE EXISTING BEARINGS	EACH	8.0	8.0
Z0001903	STRUCTURAL STEEL REMOVAL	POUND	1,950.0	1,950.0
Z0001905	STRUCTURAL STEEL REPAIR	POUND	1,625.0	1,625.0
Z0012130	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	599.0	599.0
Z0012164	BRIDGE DECK MICROSILICA CONCRETE OVERLAY 2 1/2"	SQ YD	599.0	599.0
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	8.0	8.0
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	56.0	56.0
Z0041895	POLYMER CONCRETE	CU FT	3.0	3.0
	SPECIALTY ITEM (NONE)			

SPECIALTY ITEM (NONE)

USER NAME = Jeff.Sherer	DESIGNED	-	JMS	REVISED -	
	DRAWN	-	JMS	REVISED -	
PLOT SCALE = 40 0000 / in	CHECKED	-		REVISED -	
PLOT DATE = 12/4/2023	DATE	-	11152022	REVISED -	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES							SECTION	COUNTY TOTAL SHEETS		SHEET NO.	
SUMMARY OF QUANTITIES					72 (74-69HB-3)BR PIATT					3	
									CONTRACT	NO. 70	0F73
SCALE: NONE	SHEET 2	OF 2	SHEETS	STA.	TO STA.		ILLINOIS	FED. AI	D PROJECT		

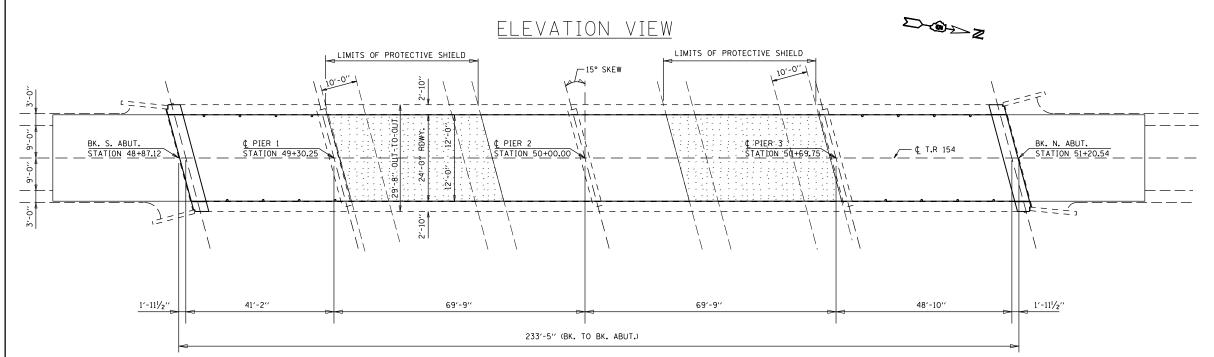


S.N. 074-0036 WAS BUILT IN 1962 AS FA ROUTE 135, SECTION 74-69HB-3 AT STATION 1358+00.00 IN PIATT COUNTY. THE STRUCTURES IS A FOUR (4) SPAN, 7" THICK REINFORCED DECK WITH 4 33" WF STEEL BEAMSON STEEL/CONCRETE PILE SUPPORTED PIERS AND ABUTMENTS.

THE STRUCTURE HAS A BACK-TO-BACK ABUTMENT LENGTH OF 233'-5", OUT-TO-OUT WIDTH OF 29'-8", BRIDGE ROADWAY WIDTH OF 24'-0", AND AN APPROACH ROADWAY WIDTH OF 18'-0".

SEE LIST OF PROPOSED IMPROVEMENTS ON THIS SHEET.

WORK SHALL BE COMPLETED UTILIZING A ROAD CLOSURE.





EXPIRES 11-30-2024

<u>Plan view</u>

INDEX OF SHEETS

- 1. GENERAL PLAN AND ELEVATION 074-0036.
- 2. EXISTING DECK CROSS-SECTION.
- 3.-4. DETAIL OF DECK ENDS.
- 5.-7. DETAILS OF BEARING AND STRUCTURAL STEEL.
- 8.-11. DETAIL OF DECK PATCHING (FULL DEPTH).
- 12. SCHEDULE OF DECK PATCHING.
- 13. DETAIL OF FLOOR DRAINS.
- 14. DETAIL OF WEARING SURFACE.
- 15. DETAIL OF BUTT-JOINT AT ABUTMENTS.

PROPOSED IMPROVEMENTS

- 1. PERFORM CONCRETE REMOVAL AT ABUTMENTS.
- 2. REMOVE/ REPLACE DIAPHRAGMS AND BEARINGS AT ABUTMENTS.
- 3. PERFORM BRIDGE DECK SCARIFICATION.
- 4. PERFORM DECK PATCHING (FULL-DEPTH).
- 5. REMOVE/ REPLACE FLOOR DRAINS.
- 6. PLACEMENT OF PROPOSED MICROSILICA CONCRETE WEARING SURFACE.
- 7. PERFORM BRIDGE DECK GROOVING.
- 8. PLACE HOT-MIX ASPHALT RUN DOWNS AT APPROACHES.

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS 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 WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. COST INCLUDED WITH DECK SLAB REPAIR

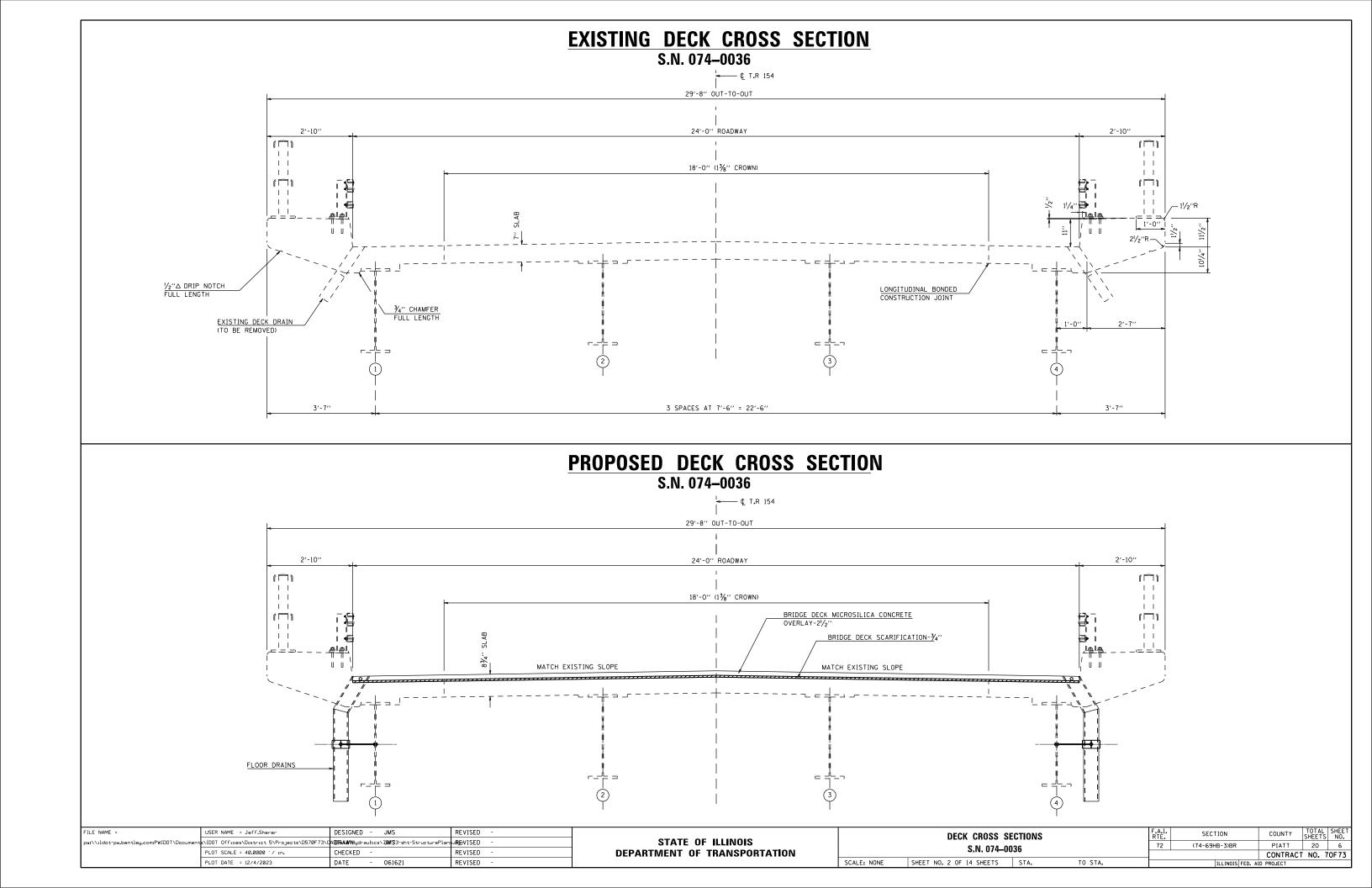
AREAS OF DECK REPAIRS SHOWN ARE ESTIMATED. THE ENGINEER SHALL SHOW ACTUAL LOCATIONS OF THE DECK REPAIRS ON AS-BUILT PLANS.

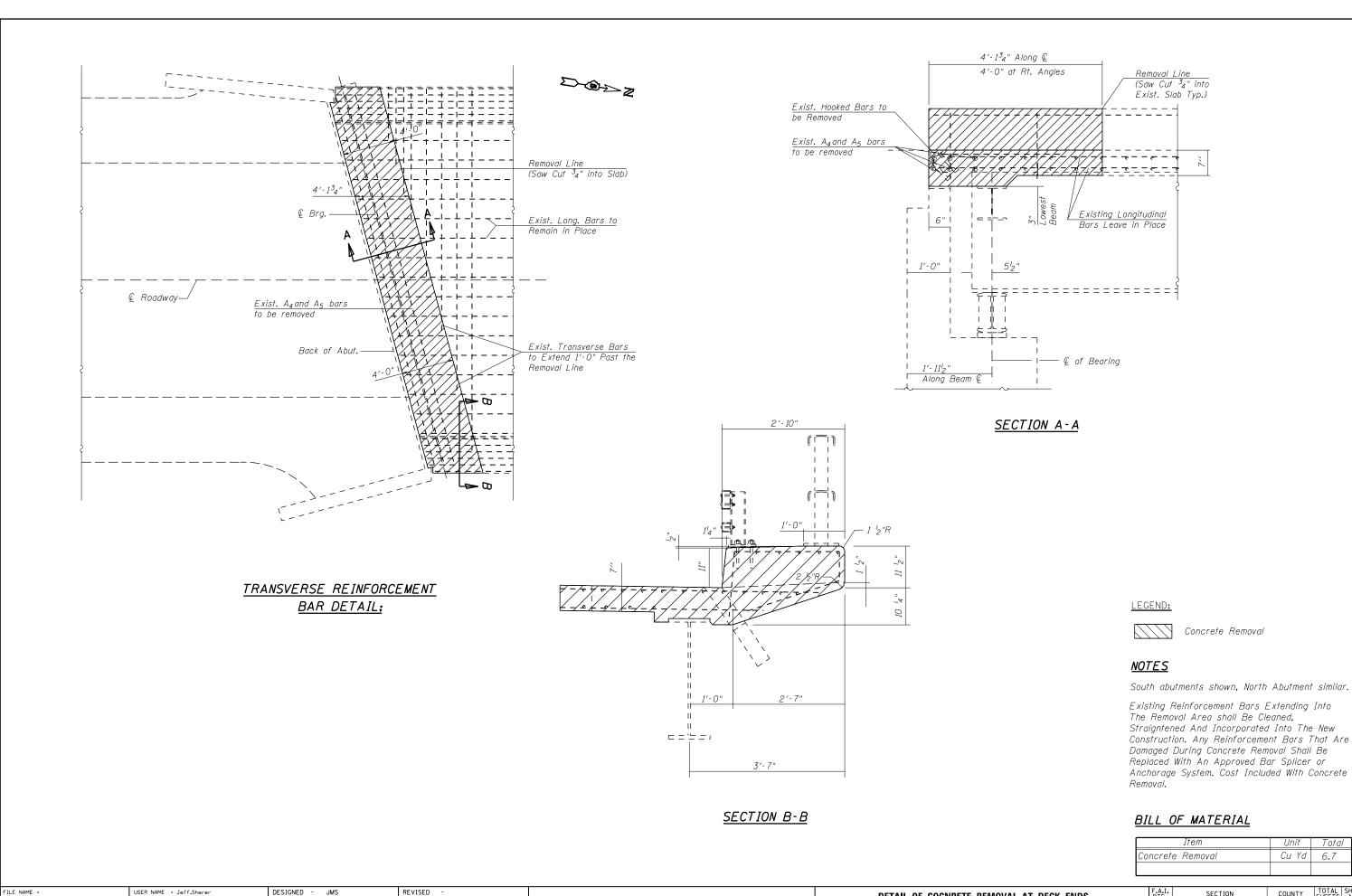
BRIDGE PAINTING COMPLETED AUGUST, 2023.

TOTAL BILL OF MATERIALS

ITEM	UNIT	TOTAL
PROTECTIVE SHIELD	SQ YD	226.0
FLOOR DRAINS	EACH	16.0
CONCRETE REMOVAL	CU YD	6.7
CONCRETE SUPERSTRUCTURE	CU YD	7.7
BRIDGE DECK GROOVING	SQ YD	620.0
PROTECTIVE COAT	SQ YD	667.0
FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	3,330.0
REINFORCEMENT BARS, EPOXY COATED	POUND	990.0
ELASTOMERIC BEARING ASSEMBLY TYPE I	EACH	8.0
ANCHOR BOLTS 1"Ø	EACH	16.0
JACK AND REMOVE EXISTING BEARINGS	EACH	8.0
STRUCTURAL STEEL REMOVAL	POUND	1,950.0
STRUCTURAL STEEL REPAIR	POUND	1,625.0
BRIDGE DECK MICROSILICA CONC. OVERLAY 21/2"	SQ YD	599.0
BRIDGE DECK SCARIFICATION 3/4"	SQ YD	599.0
DECK SLAB REPAIR (FULL-DEPTH) TYPE 1	SQ YD	8.0
DECK SLAB REPAIR (FULL-DEPTH) TYPE 2	SQ YD	56.0
POLYMER CONCRETE	CU FT	3.0

FILE NAME =	USER NAME = Jeff.Sherer	DESIGNED - JMS	REVISED -		GENERAL PLAN & ELEVATION	F.A.I.	SECTION	COUNTY	TOTAL SHEET
pw:\\ildot-pw.bentley.com:PWIDOT\Document	NIDOT Offices\District 5\Projects\D570F73\(A DRAWN lydrauhos\Z WIS 3-sht-StructurePlan	.ang⊑vised -	STATE OF ILLINOIS		72	(74-69HB-3)BR	PIATT	20 5
	PLOT SCALE = 40.0000 ' / 10.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	S.N. 074–0036				T NO. 70F73
	PLOT DATE = 12/4/2023	DATE - 061521	REVISED -		SCALE: 1" = 20' SHEET NO. 1 OF 14 SHEETS STA. TO STA.		ILLINOIS FED.		





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\IDOT_Offices\District_5\Projects\D570F73\CA**@PAWW**Hydrauhics\Z**WM\$**3-sht-StructurePlan

CHECKED

061621

DATE

PLOT SCALE = 40.0000 '/ in.

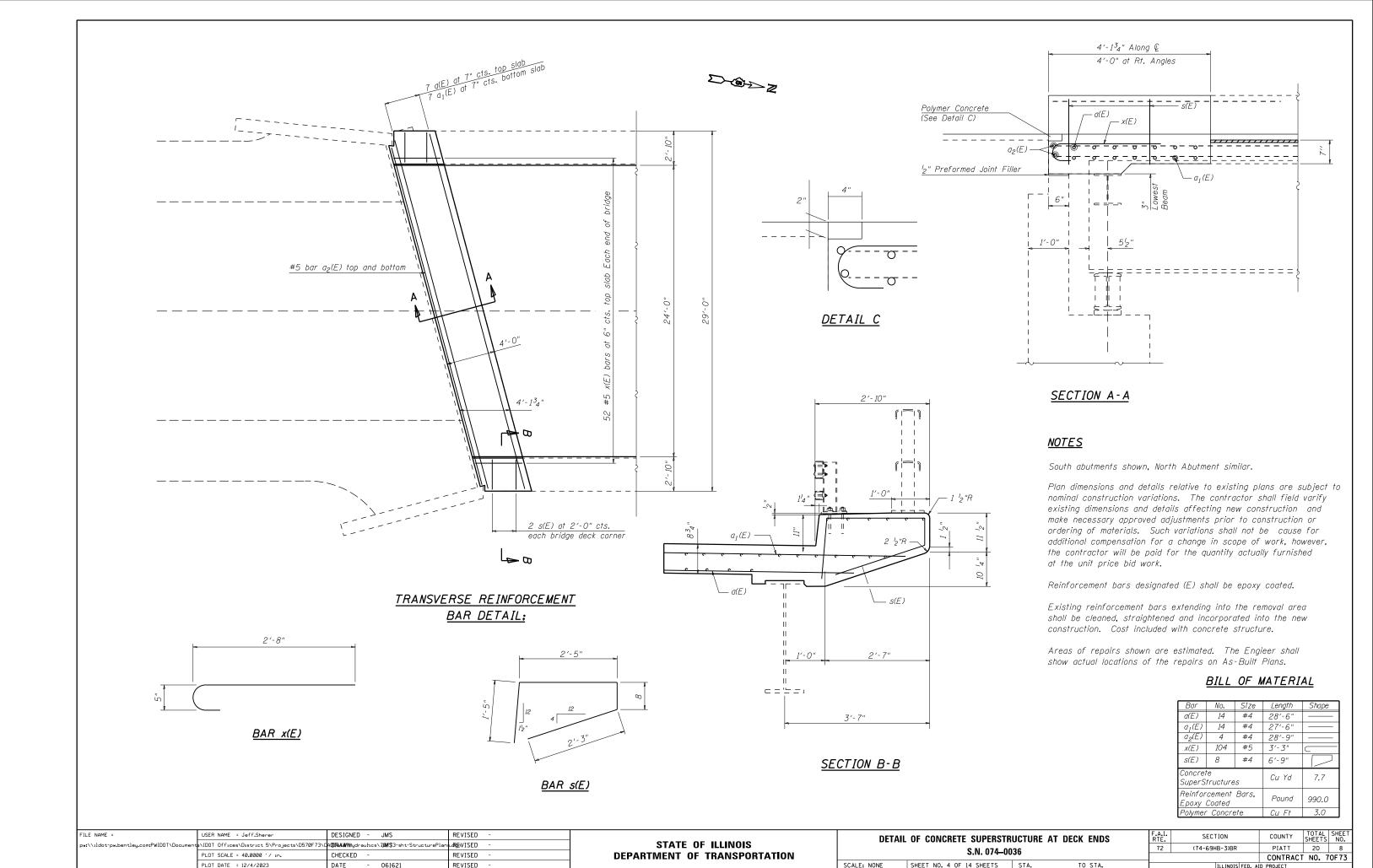
PLOT DATE = 12/4/2023

.aRy⊑VISED

REVISED

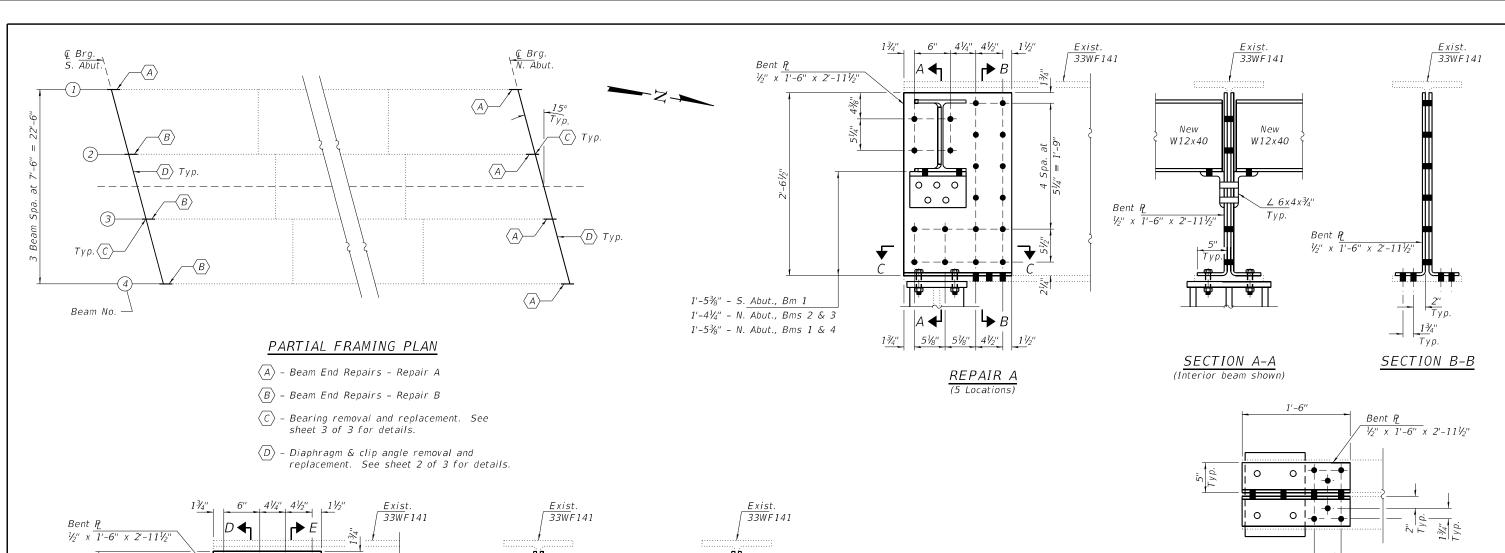
REVISED

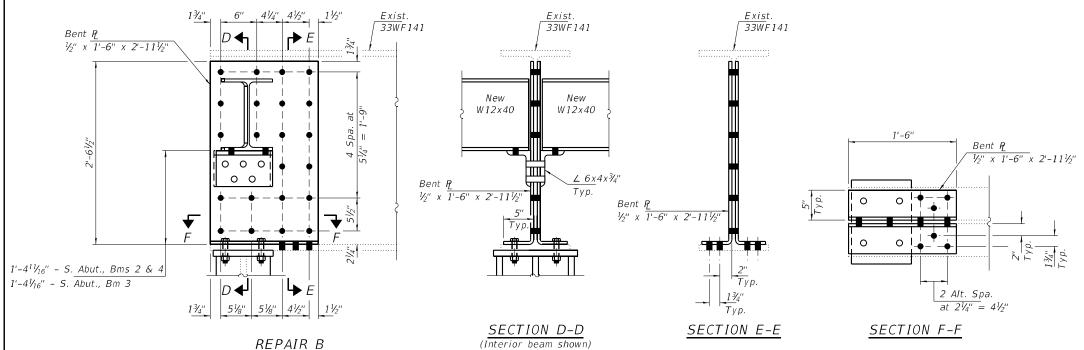
OTATE OF HUMBIO	DE	DETAIL OF COCNRETE REMOVAL AT DECK ENDS				SECTION	COUNTY	SHEETS	NO.
STATE OF ILLINOIS	S.N. 074–0036				72	(74-69HB-3)BR	PIATT	20	7
DEPARTMENT OF TRANSPORTATION							CONTRAC	T NO. 7	0F73
	SCALE: NONE	SHEET NO. 3 OF 14 SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		



PLOT DATE = 12/4/2023

- 061621





(3 Locations)

<u>NOTES</u>

All structural steel shall conform to AASHTO Classification M-270 Gr. 36, unless otherwise noted.

SECTION C-C

Diaphragm connection holes shall be 1 $\%_{16}$ "0 for $\%_{1}$ "0 bolts. Two hardened washers shall be required at diaphragm connections.

Plan dimensions and details relative to existing plans 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

Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the special provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".

All new Structural Steel and bearing assemblies shall be hot dip galvanized according to Special Provision "Hot Dip Galvanizing for Structural Steel".

BOLT HOLE LEGEND

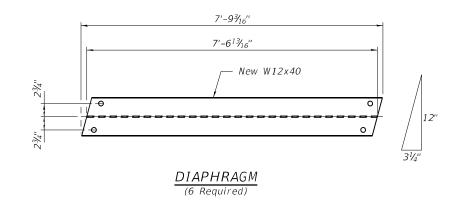
- O Field drill using existing steel has a template.
- - Shop drill holes in new steel.

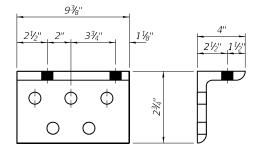
BILL OF MATERIAL

2 Alt. Spa. at $2\frac{1}{4}$ " = $4\frac{1}{2}$ "

Item	Unit	Total
Structural Steel Repair	Pound	1625
Furnishing & Erecting Structural Steel	Pound	1950
Structural Steel Removal	Pound	1950

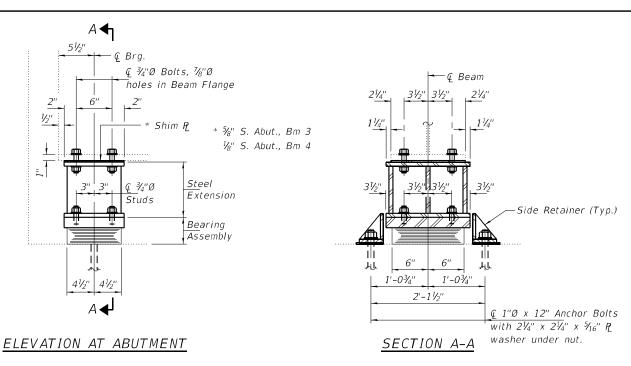
DESIGNED - CCC	EXAMINED		DATE - FEBRUARY 02, 2024		REPAIR DETAILS	RTE.	SECTION	COUNTY	SHEETS	NO.
CHECKED - ATH	_	ENGINEER OF STRUCTURAL SERVICES		STATE OF ILLINOIS		72	(74-69HB-3)BR	PIATT	20	9
DRAWN - daburdell	PASSED	Jayne F. Jelff	REVISED -	DEPARTMENT OF TRANSPORTATION	SN 074-0036			CONTRACT	T NO. 70F7	3
CHECKED - CCC ATH	-	ENGINEER OF BRIDGES AND STANCTURES	REVISED -		SHEET NO. 1 OF 3 SHEETS		ILLINOIS FED. A	JD PROJECT		



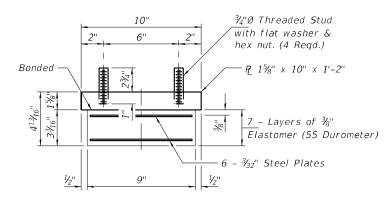


<u>CLIP ANGLE</u> ∠ 6x4x¾" - 9¾" long (12 Required)

DESIGNED - CCC	EXAMINED		DATE - FEBRUARY 02, 2024	CTATE OF ILLINOIS	REPAIR DETAILS	F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED - ATH DRAWN - dahurdell	PASSED	ENGINEER OF STRUCTURAL SERVICES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SN 074-0036	72	(74-69HB-3)BR	PIATT	20 T NO. 70F	10
CHECKED - CCC ATH	_	ENGINEER ON BRIDGES AND STANCTURES	REVISED -		SHEET NO. 2 OF 3 SHEETS		ILLINOIS FEE	D. AID PROJECT		13

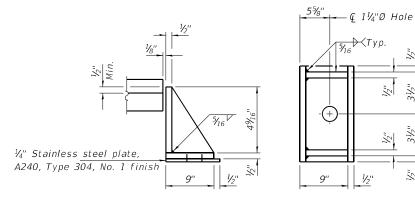


TYPE I ELASTOMERIC EXP. BRG.



BEARING ASSEMBLY

Shim plates shall not be placed under Bearing Assembly.



SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

BEAM REACTIONS

R₽	(K)	24.0
R Ł	(K)	38.0
Imp.	(K)	10.9
R (Total)	(K)	729

Notes:

Diaphragm removal and reinstallation may be required to facilitate drilling holes. Cost included with Furnishing and Erecting Structural Steel.

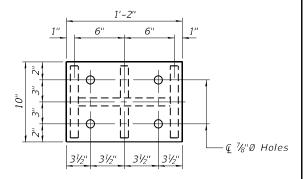
New steel extensions, shim plates and connection bolts are included with Furnishing and Erecting Structural Steel.

Prior to ordering any material, the Contractor shall verify in the field all bearing height and shim thickness dimensions. Adjustment must account for deck heave due to pack rust (if present).

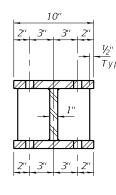
Min. jack capacity = 25 Tons. Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

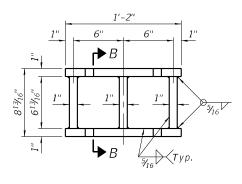
Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

Cost of Side retainers and Stainless Steel plates shall be included in the cost of Elastomeric Bearing Assembly, Type I.



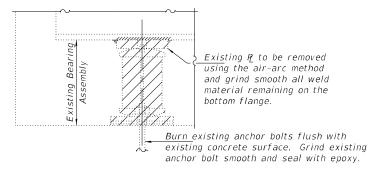
PLAN TOP AND BOTTOM PLATE





SECETION B-B

STEEL EXTENSION DETAIL



EXISTING BEARING REMOVAL DETAIL

Cost included with Jack and Remove Existing Bearings.

BILL OF MATERIAL

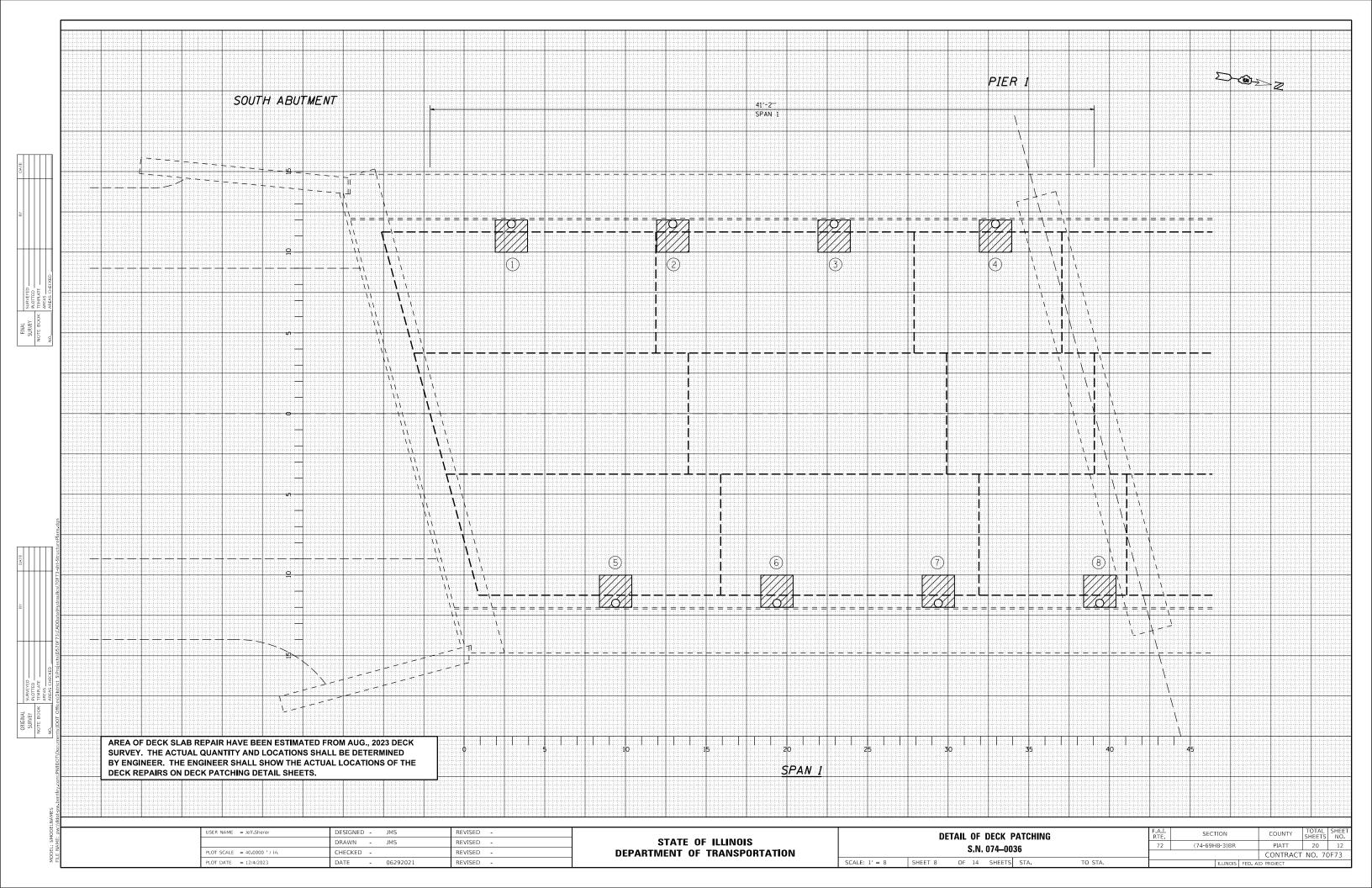
Item	Unit	Total
Elastomeric Bearing Assembly, Type I	Each	8
Jack and Remove Existing Bearings	Each	8
Furnishing and Erecting Structural Steel	Pound	1880
Anchor Bolts, 1"Ø	Each	16

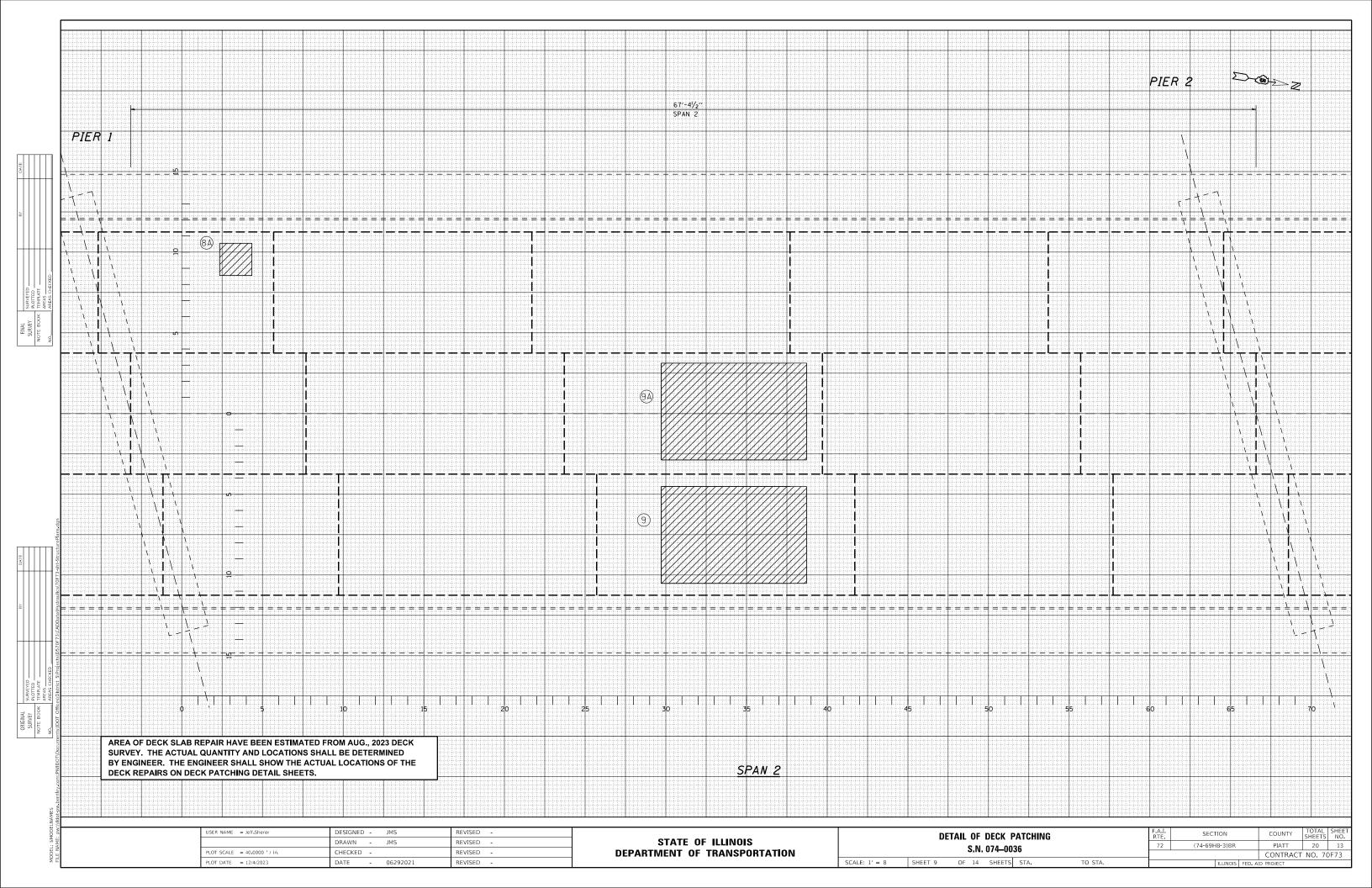
TYI/REPS 5-17-2018

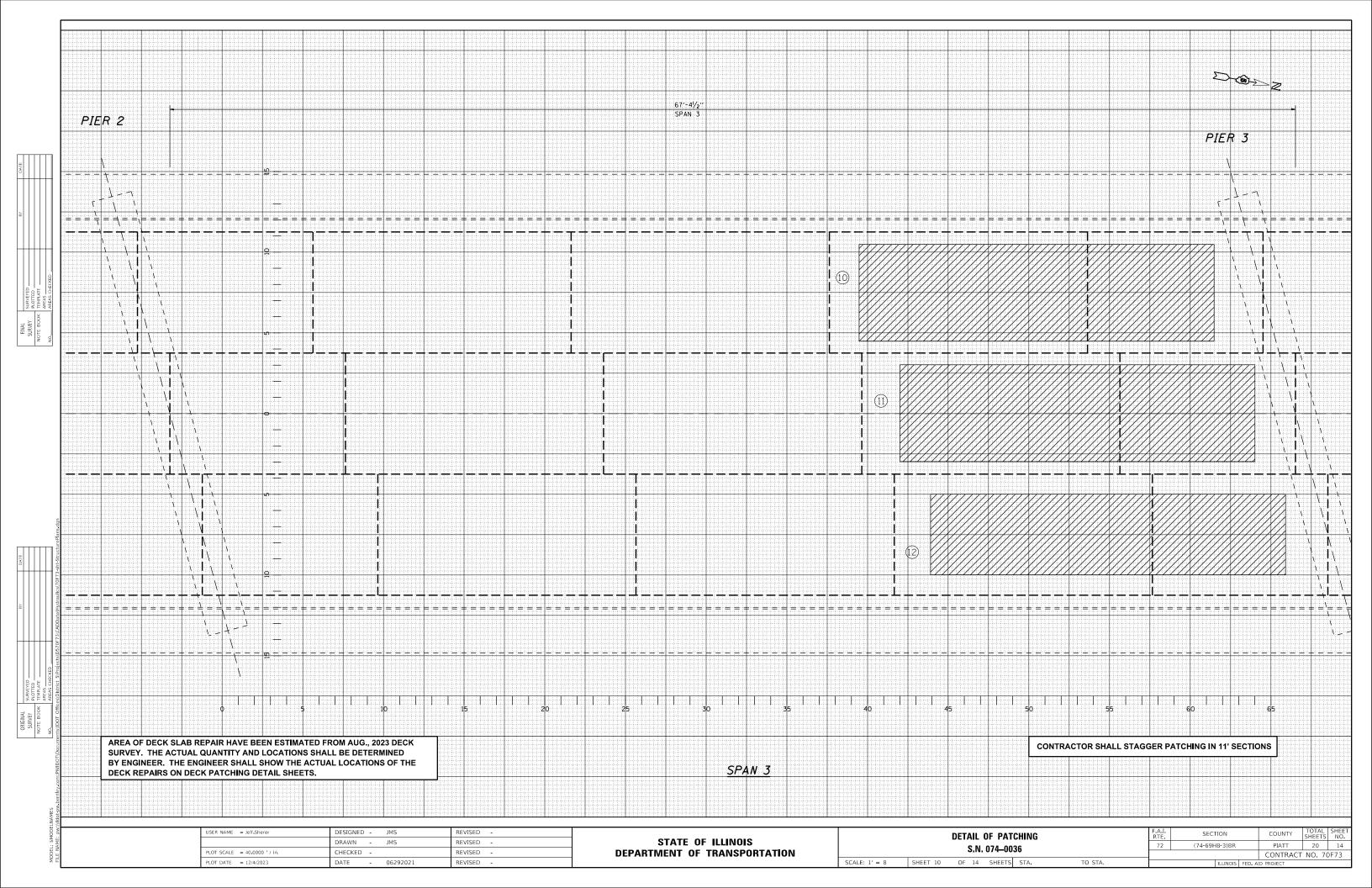
DESIGNED - CCC	EXAMINED		DATE - FEBRUARY 02, 2024		
CHECKED - ATH		ENGINEER OF STRUCTURAL SERVICES		STATE OF ILLINOIS	
DRAWN - daburdell	PASSED	Jayne F. Jelff	REVISED -	DEPARTMENT OF TRANSPORTATION	
CHECKED - CCC ATH		ENGINEER OF BRIDGES AND STANCTURES	REVISED -		

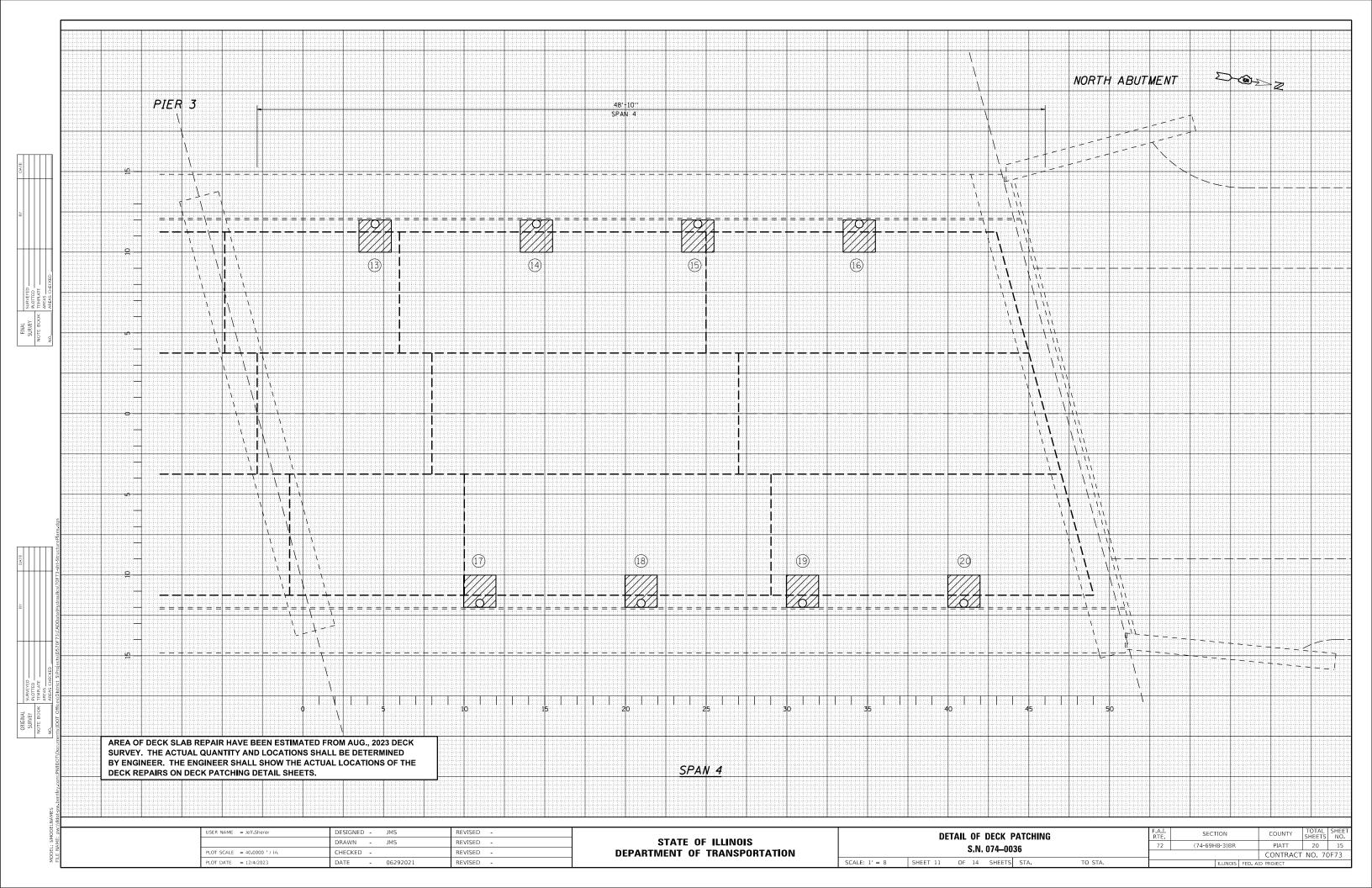
BEARING DETAILS SN 074-0036
SHEET NO. 3 OF 3 SHEETS

F.A.I. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEE NO.
72	(74-69HB-3)BR		PIATT	20	11
		CONTRACT	NO. 70	F73	
	ILLINOIS	FED. A	D PROJECT		









PATCH NO.		SIZE	DECK SLAB REPAIR FULL-DEPTH TYPE I	DECK SLAB REPAIR FULL-DEPTH TYPE II	
	LENGTH (FT)	WIDTH (FT)	SQ YD	SQ YD	
1	2	2	0.44		
2	2	2	0.44		
3	2	2	0.44		
4	2	2	0.44		
5	2	2	0.44		
6	2	2 2 0.			
7	2	2	0.44		
8	2	2	0.44		
8A	2	2	0.44		
9	9	6		6.0	
9A	9	6		6.0	
10	22	6		14.7	
11	22	6		14.7	
12	22	6		14.7	
13	2	2	0.44		
14	2	2	0.44		
15	2	2	0.44		
		SUB-TOTAL =	5.3	56.0	

PATCH NO.	,	SIZE	DECK SLAB REPAIR FULL-DEPTH TYPE I	DECK SLAB REPAIR FULL-DEPTH TYPE II
	LENGTH (FT)	WIDTH (FT)	SQ FT	SQ FT
16	2	2	0.44	
17	2	2	0.44	
18	2	2	0.44	
19	2	2	0.44	
20	2	2	0.44	
		SUB-TOTAL =	2.2	0.0
		TOAL =	7.9	56.0
		USE =	8.0	56.0

NOTES:

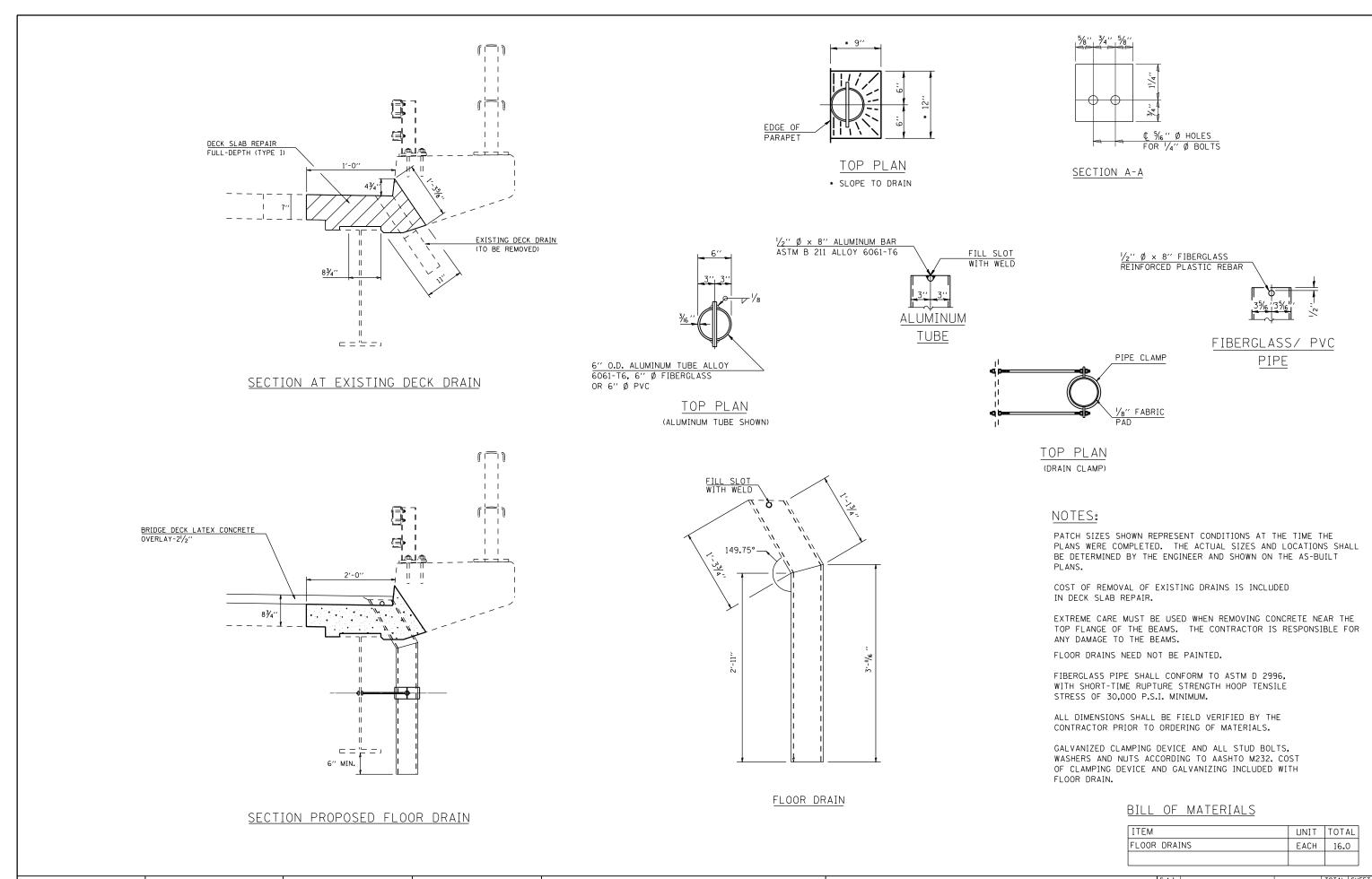
AREA OF DECK SLAB REPAIR HAVE BEEN ESTIMATED FROM AUG. 24, 2023 DECK SURVEY. THE ACTUAL QUANTITY AND LOCATIONS SHALL BE DETERMINED BY THE ENGINEER. THE ENGINEER SHALL SHOW THE ACTUAL LOCATIONS OF THE DECK REPAIRS ON DECK PATCHING DETAIL SHEETS.

PATCHES 10, 11, 12 CONTRACTOR SHALL STAGGER IN 11' SECTIONS.

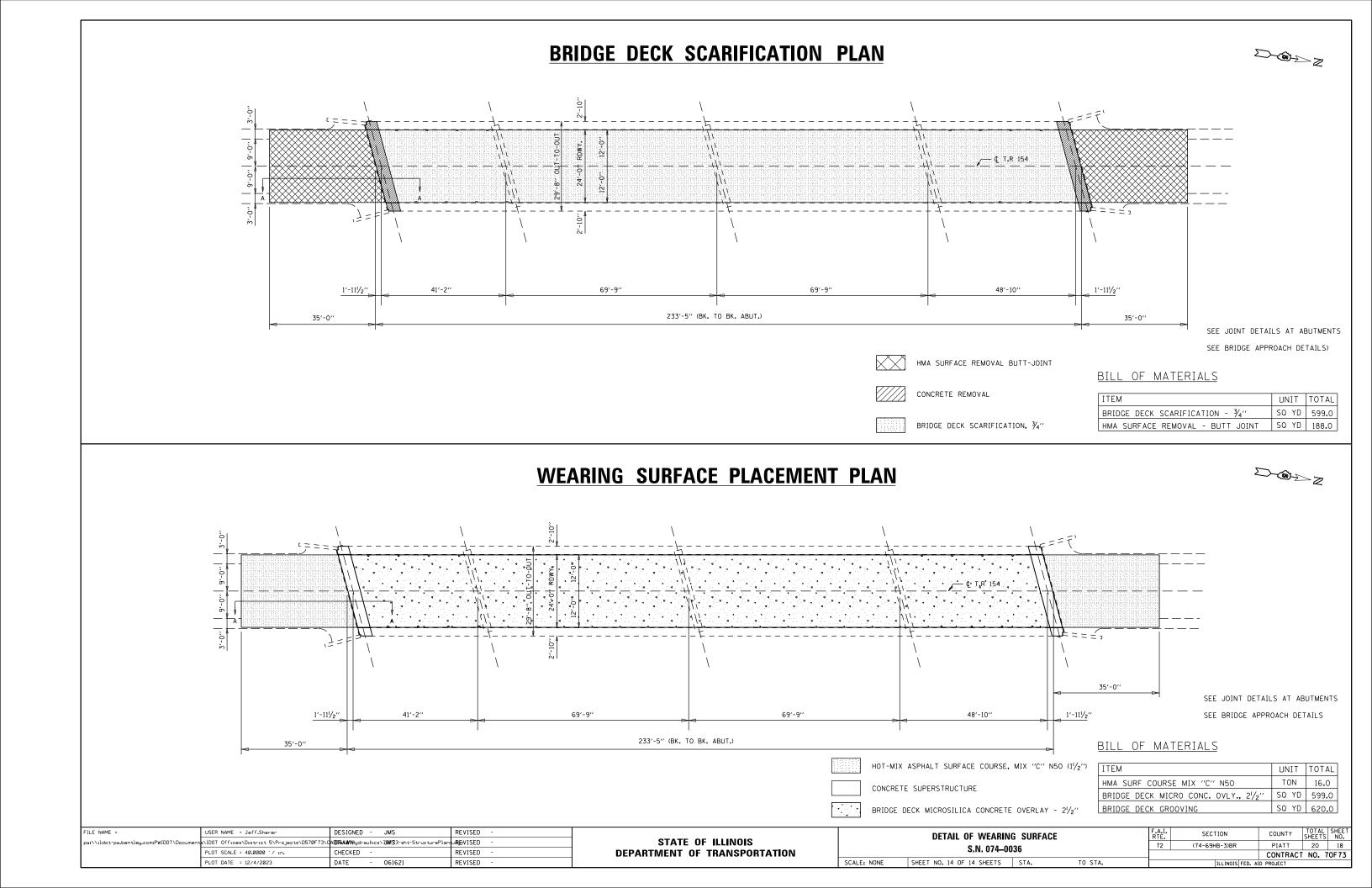
BILL OF MATERIALS

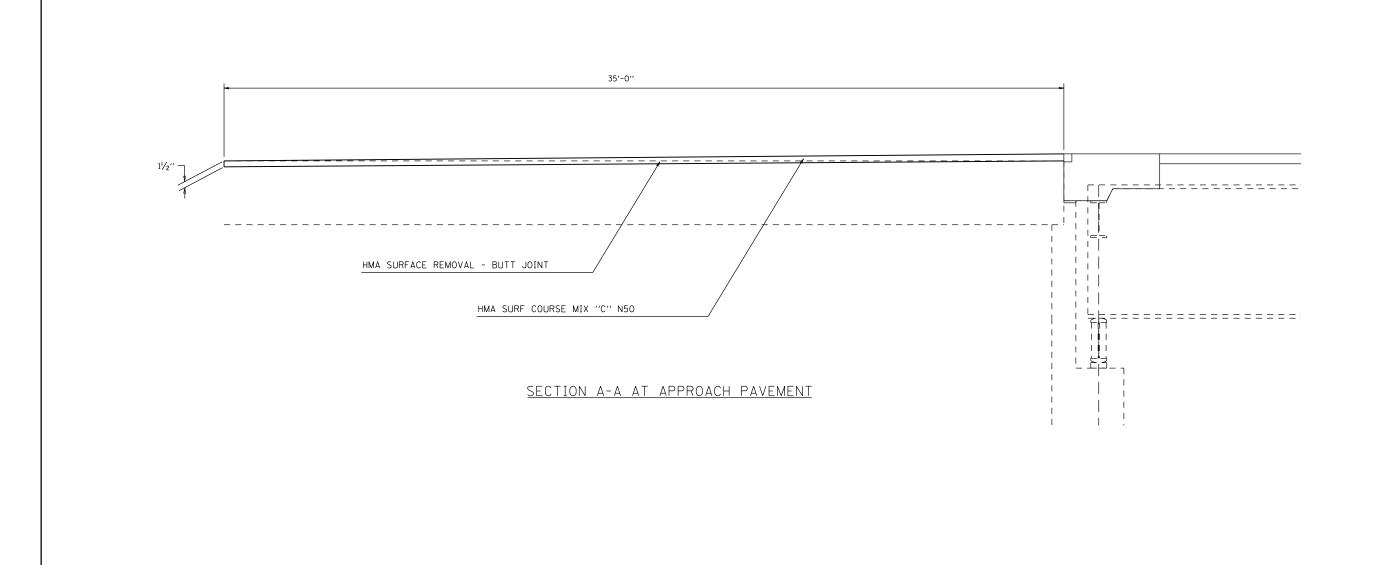
ITEM	UNIT	TOTAL	
DECK SLAB REPAIR, FD (TYPE I)	SQ YD	8.0	
DECK SLAB REPAIR, FD (TYPE II)	SQ YD	56.0	

FILE NAME =	USER NAME = Jeff.Sherer	DESIGNED - JMS	REVISED -			SCHEDULE OF DECK	PATCHING		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
pxt\\lidot-pw.bentley.com:PWIDOT\Documenta\IDOT Offices\District 5\Projects\D576F73\C <mark>ADRAWN</mark> yd-auhcs\ZM\$3-sht-StructurePlans最近VISED -			STATE OF ILLINOIS		S.N. 074–0036			72	(74-69HB-3)BR	PIATT	20 16	
	PLOT SCALE = 40.0000 ' / 10.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					CONTRACT	NO. 70F73		
	PLOT DATE = 12/4/2023	DATE - 061621	REVISED -		SCALE: NONE	SHEET NO. 12 OF 14 SHEETS	STA.	TO STA.		ILLINOIS FED. A	AID PROJECT	



FILE NAME =	USER NAME = Jeff.Sherer	DESIGNED - JMS	REVISED -	07475 05 11111010		DETAIL OF DECK FLO	OR DRAINS		RTE.	SECTION	COUNTY	SHEETS	SHEE NO.
pw:\\ildot-pw.bentley.com:PWIDOT\Document	s\IDOT Offices\District 5\Projects\D570F73\C	ADDRAWNHydrauhcs\ZMS3-sht-StructureP	lans.dRgcVISED -	STATE OF ILLINOIS		S.N. 074-00	126		72	(74-69HB-3)BR	PIATT	20	17
	PLOT SCALE = 40.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		3.14. 074-00	130				CONTRACT	T NO.	70F73
	PLOT DATE = 12/4/2023	DATE - 061621	REVISED -		SCALE: NONE	SHEET NO. 13 OF 14 SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		

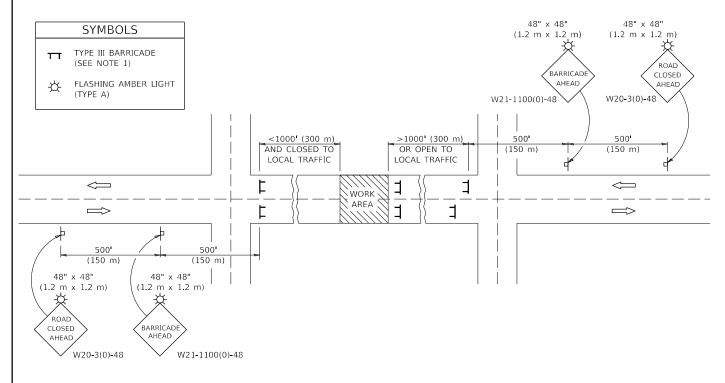




FILE NAME =	USER NAME = Jeff.Sherer	DESIGNED - JMS	REVISED -			DETAIL OF BUTT-JOINTS	F.A.I.	SECTION	COUNTY	TOTAL SHEET
pw:\\1ldot-pw.bentley.com:PWIDOT\Document	s\IDOT Offices\District 5\Projects\D570F73\0	A DRAWN Hydrauhos\Z WIS 3-sht-StructurePlan	hs.a∰EvISED -	STATE OF ILLINOIS			72	(74-69HB-3)BR	PIATT	20 19
	PLOT SCALE = 40.0000 ' / 10.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		S.N. 074–0036				T NO. 70F73
	PLOT DATE = 12/4/2023	DATE - 061621	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. AI	ID PROJECT	

ROAD CLOSURE

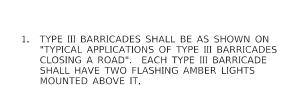
SIDEROAD / STREET CLOSURE



GENERAL NOTES

- 1. TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- 2. IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
- 3. WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
- 4. STANDARD 701901 SHALL APPLY FOR THE
- 5. IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE. THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.

- 6. REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TY III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
- 7. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- 8. A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN
- 9. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- 10. FORMS BT. 725 AND BT. 726 ARE REQUIRED.
- PLACEMENT & DESIGN OF TYPE III BARRICADES. 11. WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
 - 12. AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.



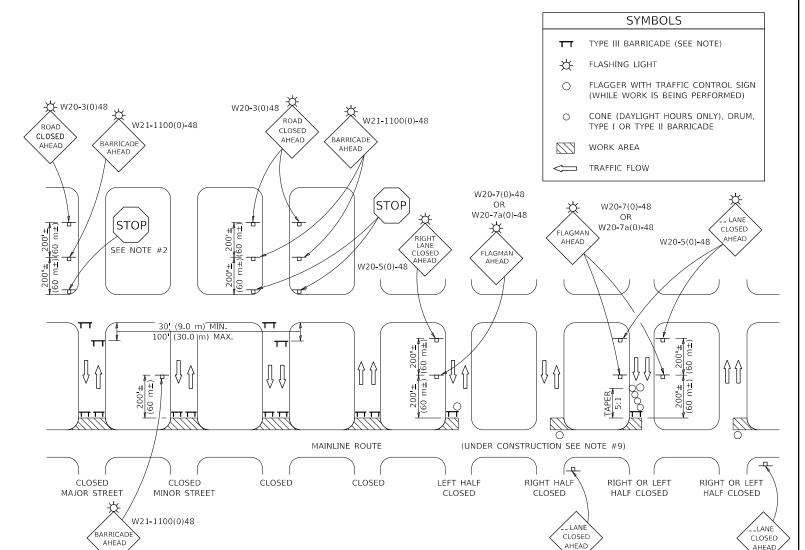
- 2. WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
- 3. STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
- **GENERAL NOTES** 4. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- 5. ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- 6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- 7. FORMS BT 725 AND BT 726 ARE REQUIRED.
- THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE

SPECIFICATIONS.

PLANS, SPECIAL PROVISIONS AND STANDARD

ALL FLAGGERS REQUIRED AT SIDE ROADS AND ENTRANCES REMAINING OPEN TO TRAFFIC AND/OR ADDITIONAL BARRICADES REQUIRED BY THE ENGINEER TO CLOSE SIDE ROADS AND ENTRANCES WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

> Note: All dimensions are in INCHES (millimeters) unless otherwise shown.



USER NAME = Jeff Sherer	DESIGNED	-	JMS	REVISED	-	11/06	Ī
	DRAWN	-	JMS	REVISED	-	12/07	
PLOT SCALE = 40.0000 / in	CHECKED	-		REVISED	-	09/09 KJT	
PLOT DATE = 12/4/2023	DATE	-	090623	REVISED	-		

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	TRAFFIC CO				
SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.

A.I. TE.	SECT	ION		COUNTY	TOTAL SHEETS	SHEET NO.
72	(74-69H	B-3)BR	PIATT	20	20	
			CONTRACT	NO.		
		ILLINOIS	FFD Δ	D PROJECT		

DISTRICT 5 DETAIL NO. 70200000