

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		CONSTRUCTION CODE		CONSTRUCTION CODE	
				90% Federal	10% State	90% Federal	10% State	90% Federal	10% State
				BRIDGE 0047	ROADWAY 0004	BRIDGE 0047	ROADWAY 0004	BRIDGE 0047	ROADWAY 0004
				SN081-0122-0123	RURAL	SN081-0128-0129	RURAL	SN081-0134-0135	RURAL
52000110	PREFORMED JOINT STRIP SEAL	FOOT	431	83	0	92	0	256	0
59000200	EPOXY CRACK INJECTION	FOOT	213	40	0	62	0	111	0
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	31.2	5.1	0	10.9	0	15.2	0
60260100	INLETS TO BE ADJUSTED	EACH	4	0	0	0	0	4	0
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	3	0	1	0	1	0	1
67100100	MOBILIZATION	L SUM	1	0	0.33	0	0.33	0	0.34
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	12	0	4	0	4	0	4
70100700	TRAFFIC CONTROL AND PROECTION, STANDARD 701406	L SUM	1	0	0.33	0	0.33	0	0.34
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0	0.33	0	0.33	0	0.34
70107004	PAVEMENT MARKING BLACKOUT TAPE, 4"	FOOT	20,836	0	6,466	0	6,645	0	7,725
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	0	14	0	0	0	14
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	19,359	0	5,918	0	6,094	0	7,347
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	37,241	0	11,288	0	11,638	0	14,315
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2,250	0	550	0	562.5	0	1,137.5

MODEL: Default
 FILE NAME: P123-1005.01.WD1-L&B-S&B-Bridges10-DOT/CAD_Sheets/04-64PB5-ink-500_02.dgn

Kaskaskia
 Engineering Group, LLC
Professional Engineering Firm
 201 S. Main St., Suite 200
 Moline, Illinois 61704
 309.233.2877 phone
 309.233.2877 fax
 www.kaskaskiaeng.com
 LICENSE NO. 001-000000
 08-000000

USER NAME = jheimer	DESIGNED -	REVISED -
PLOT SCALE = 1.9999' / in.	DRAWN -	REVISED -
PLOT DATE = 1/27/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
CONTRACT NUMBER 64P85

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(161-1B-1,2 & 161-1HB-9)BDR	ROCK ISLAND	142	4
			CONTRACT NO. 64P85	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		CONSTRUCTION CODE		CONSTRUCTION CODE	
				90% Federal	10% State	90% Federal	10% State	90% Federal	10% State
				BRIDGE 0047	ROADWAY 0004	BRIDGE 0047	ROADWAY 0004	BRIDGE 0047	ROADWAY 0004
				SN081-0122-0123	RURAL	SN081-0128-0129	RURAL	SN081-0134-0135	RURAL
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2,226	0	538	0	550	0	1,138
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	6	0	2	0	2	0	2
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	6	0	2	0	2	0	2
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1,579	0	314	0	333	0	932
X0323265	REMOVE EXISTING RIPRAP	SQ YD	371	224	0	147	0	0	0
X5060700	CLEANING AND PAINTING BEARINGS	EACH	62	24	0	14	0	24	0
X6350206	LINEAR DELINEATOR PANELS, 6 INCH	EACH	44	0	12	0	12	0	20
X4820110	HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)	SQ YD	2,535	0	0	0	0	0	2,535
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	2,068	415	0	440	0	1,213	0
Z0000300	ADJUST ROCKER AND SOLE PLATE	EACH	38	12	0	14	0	12	0
Z0001903	STRUCTURAL STEEL REMOVAL	POUND	1,450	560	0	480	0	410	0
Z0007101	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO 1	L SUM	1	1	0	0	0	0	0
Z0007102	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO 2	L SUM	1	0	0	1	0	0	0
Z0007103	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES NO 3	L SUM	1	0	0	0	0	1	0

* = SPECIALTY ITEM

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Kaskaskia
 Engineering Group, LLC
 201 N. Main St., Suite 200
 Macomb, Illinois 61455
 618.252.8777 phone
 618.252.8777 fax
 www.kaskaskiaeng.com
 Illinois Professional Design Firm
 No. 00000000
 26-500004

USER NAME = jheimer	DESIGNED -	REVISED -
PLOT SCALE = 1.9999' / in.	DRAWN -	REVISED -
PLOT DATE = 1/27/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
CONTRACT NUMBER 64P85

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(161-1B-1,2 & 161-1HB-9)BDR	ROCK ISLAND	142	5
CONTRACT NO. 64P85				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

- Reinforcement bars designated (E) shall be epoxy coated.
- 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 existing plans are subject to nominal construction variations. The Contactor 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.
- Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications at ambient temperature other than 50°F.
- Cleaning and painting of the existing bearings shall be as specified in the special provisions for "Cleaning and Painting Existing Steel Structures."
- The color of the final finish coat for all steel surfaces shall be Blue, Munsell No. 10B 3/6.
- The painting Contractor shall be SSPC-QP1 certified for this project and shall maintain certification throughout the duration of the project.
- All exposed concrete edges shall have a standard 3/4" chamfer unless noted otherwise.

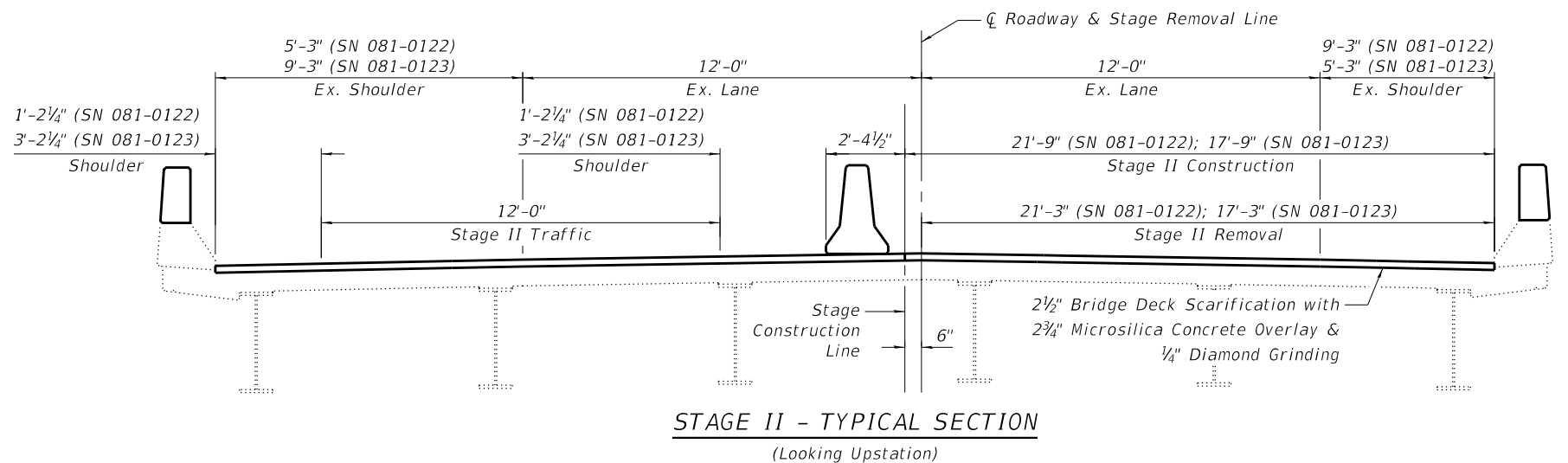
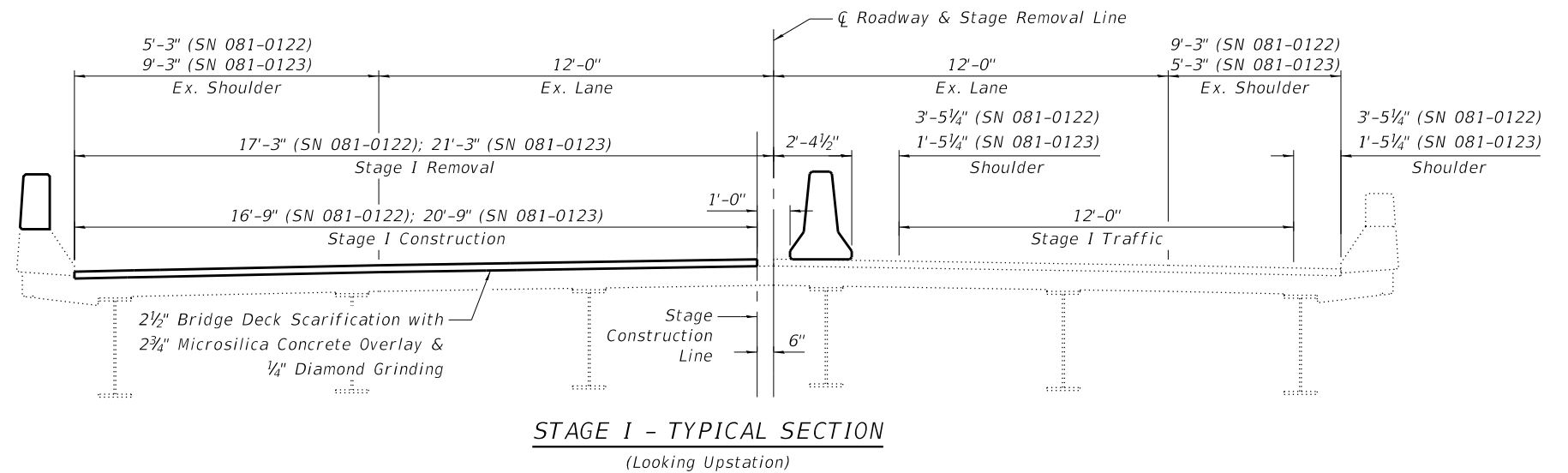
SCOPE OF WORK

- To be completed under stage construction.
- Remove existing expansion joints.
 - Scarify bridge deck.
 - Remove and reconstruct the backwalls of Abutments B & D.
 - Reconstruct deck joints at Abutments B & D with preformed joint strip seal.
 - Reconstruct deck joints at Abutments A & C.
 - Remove portions of the concrete parapets at designated locations.
 - Reconstruct removed portions of concrete parapets with designated modifications.
 - Install Microsilica Concrete Overlay and perform diamond grinding and longitudinal bridge deck grooving.
 - Repair abutments at designated locations or as directed by the engineer.
 - Reposition bearings at Abutments B & D.
 - Clean and paint all bearings.
 - Repair slopes at designated locations or as directed by the engineer.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap Class A4	Sq. Yd.		1,523	1,523
Filter Fabric	Sq. Yd.		1,523	1,523
Concrete Removal	Cu. Yd.	35.9	0.7	36.6
Bridge Rail Removal	Foot	310		310
Concrete Structures	Cu. Yd.		0.7	0.7
Concrete Superstructure	Cu. Yd.	41.4		41.4
* Protective Coat	Sq. Yd.	769	2	771
Furnishing and Erecting Structural Steel	Pound	560		560
Reinforcement Bars, Epoxy Coated	Pound	7,660	100	7,760
Bar Splicers	Each	72		72
Preformed Joint Strip Seal	Foot	83		83
Epoxy Crack Injection	Foot		40	40
Controlled Low-Strength Material	Cu. Yd.		5.1	5.1
Remove Existing Riprap	Sq. Yd.		224	224
Cleaning and Painting Bearings	Each	24		24
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	415		415
Adjust Rocker and Sole Plate	Each	12		12
Structural Steel Removal	Pound	560		560
Bridge Deck Scarification 2 1/2"	Sq. Yd.	615		615
Bridge Deck Microsilica Concrete Overlay 2 3/4"	Sq. Yd.	615		615
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.		16	16
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq. Ft.		1	1
Diamond Grinding (Bridge Section)	Sq. Yd.	610		610

* New concrete and overlay areas only



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 288 E. Main St., Suite 300 Rock Island, Illinois 61209 815.233.2877 phone 815.233.2977 fax www.kaskaskiaeng.com Illinois Professional Engineering Firm License No. 018-000113 04/10/2023	USER NAME =	DESIGNED - MMC	REVISED - 04/10/2023 MMC
		CHECKED - JW	REVISED -
	PLOT SCALE =	DRAWN - MMC	REVISED -
	PLOT DATE =	CHECKED - JW	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA
STRUCTURE NO. 081-0122 (E.B.) & 081-0123 (W.B.)**

SHEET 2 OF 15 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(161-1B-1.2&161-1HB-9)BDR	ROCK ISLAND	142	30
CONTRACT NO. 64P85				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. 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.
3. 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.
4. Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications at ambient temperature other than 50°F.
5. Cleaning and painting of the existing bearings shall be as specified in the special provisions for "Cleaning and Painting Existing Steel Structures."
6. The color of the final finish coat for all steel surfaces shall be Blue, Munsell No. 10B 3/6.
7. The painting Contractor shall be SSPC-QP1 certified for this project and shall maintain certification throughout the duration of the project.
8. All exposed concrete edges shall have a standard 3/4" chamfer unless noted otherwise.

TOTAL BILL OF MATERIAL

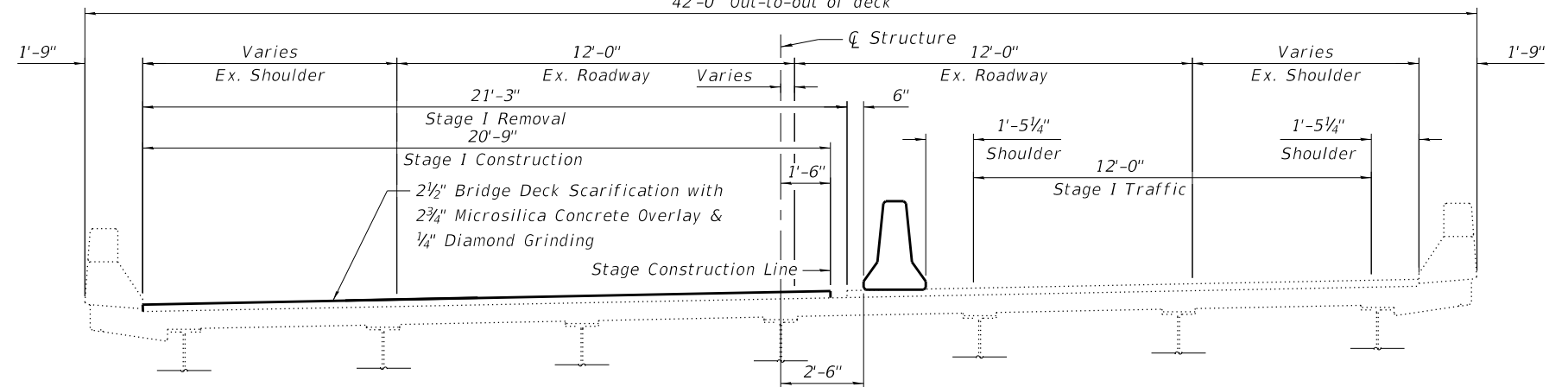
ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap Class A4	Sq. Yd.		1,642	1,642
Filter Fabric	Sq. Yd.		1,642	1,642
Concrete Removal	Cu. Yd.	38.8	1.0	39.8
Bridge Rail Removal	Foot	325		325
Slope Wall Removal	Sq. Yd.		1,493	1,493
Concrete Structures	Cu. Yd.		1.0	1.0
Concrete Superstructure	Cu. Yd.	45.0		45.0
* Protective Coat	Sq. Yd.	807	3	810
Furnishing and Erecting Structural Steel	Pound	480		480
Reinforcement Bars, Epoxy Coated	Pound	8,250	70	8,320
Bar Splicers	Each	68		68
Preformed Joint Strip Seal	Foot	92		92
Epoxy Crack Injection	Foot		62	62
Controlled Low-Strength Material	Cu. Yd.		10.9	10.9
Remove Existing Riprap	Sq. Yd.		147	147
Cleaning and Painting Bearings	Each	14		14
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	440		440
Adjust Rocker and Sole Plate	Each	14		14
Structural Steel Removal	Pound	480		480
Bridge Deck Scarification 2 1/2"	Sq. Yd.	640		640
Bridge Deck Microsilica Concrete Overlay 2 3/4"	Sq. Yd.	640		640
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.		22	22
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq. Ft.		5	5
Debris Removal	Lump Sum		1	1
Diamond Grinding (Bridge Section)	Sq. Yd.	640		640

* New concrete and overlay areas only

SCOPE OF WORK

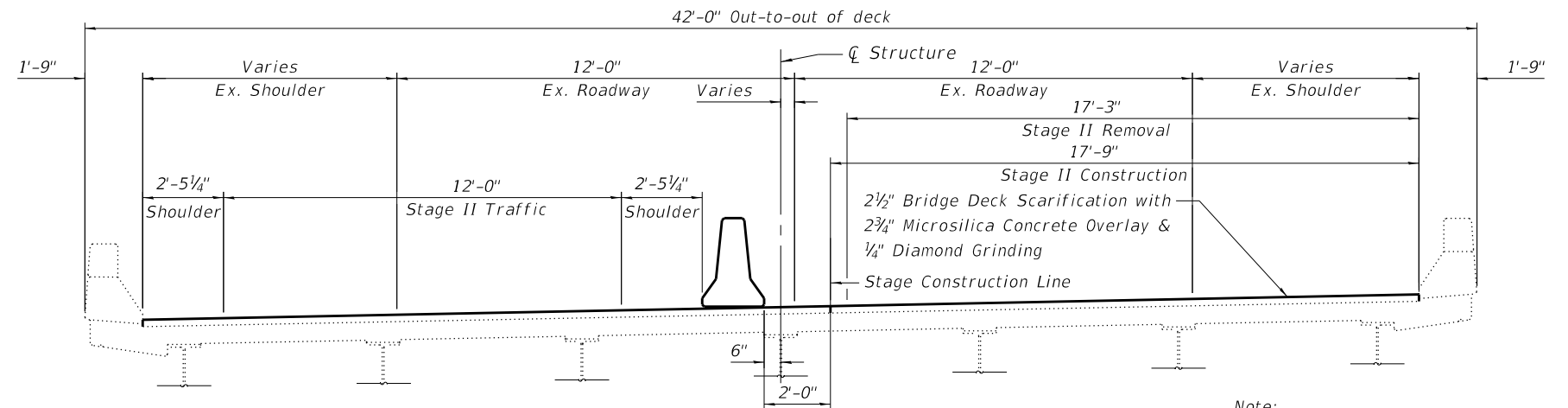
To be completed under stage construction.

1. Remove existing expansion joints.
2. Scarify bridge deck.
3. Remove and reconstruct abutment backwalls.
4. Clean, paint, and reposition all bearings at Abutments B and D.
5. Reconstruct deck joints at Abutments B and D with preformed joint strip seal.
6. Install Microsilica Concrete Overlay and perform diamond grinding and longitudinal bridge deck grooving.
7. Repair abutments and piers at designated locations or as directed by the Engineer.
8. Remove existing riprap slope wall and place new filter fabric and riprap at designated locations as shown on plans or as directed by the Engineer.



STAGE 1 - TYPICAL SECTION

(Looking Upstation)



STAGE 2 - TYPICAL SECTION

(Looking Upstation)

Note:
All dimensions are perpendicular to $\bar{\bar{C}}$ Structure

MODEL: Default
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Kaskaskia
Engineering Group, LLC
Professional Engineering Group
288 E. Main St., Suite 200
Moline, IL 61401
617.297.2222
www.kaskaskiaeng.com

USER NAME =	DESIGNED - MLC	REVISED - 04/10/2023 MMC
CHECKED - JW	DRAWN - MLC	REVISED -
PLOT SCALE =	CHECKED - JW	REVISED -
PLOT DATE =		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 081-0128 (E.B.) & 081-0129 (W.B.)

SHEET 2 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(161-1B-1.2&161-1HB-9)BDR	ROCK ISLAND	142	69
CONTRACT NO. 64P85				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. 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.
3. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contactor 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.
4. Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications at ambient temperature other than 50°F.
5. Cleaning and painting of the existing bearings shall be as specified in the special provisions for "Cleaning and Painting Existing Steel Structures."
6. The color of the final finish coat for all steel surfaces shall be Blue, Munsell No. 10B 3/6.
7. The painting Contractor shall be SSPC-QP1 certified for this project and shall maintain certification throughout the duration of the project.
8. All exposed concrete edges shall have a standard 3/4" chamfer unless noted otherwise.

TOTAL BILL OF MATERIAL

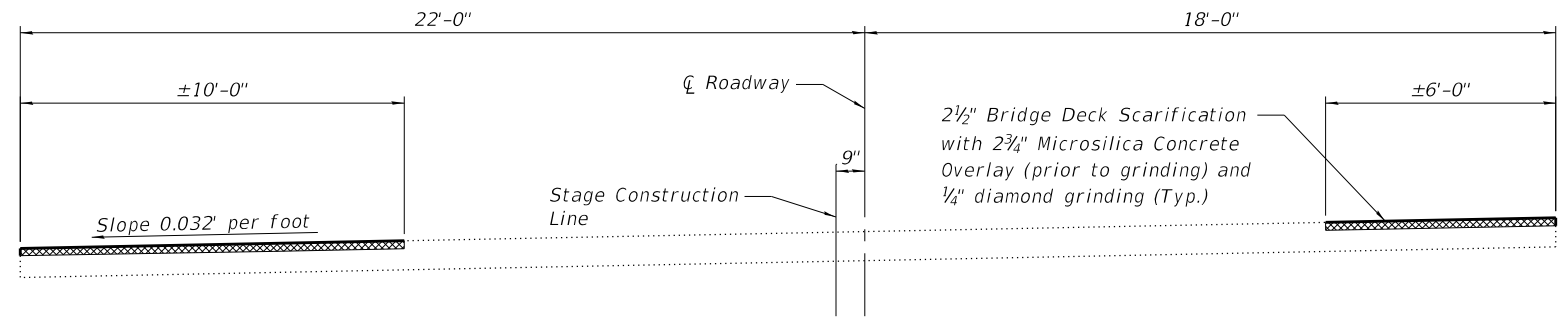
ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Removal	Cu. Yd.	65.8	2.8	68.6
Bridge Rail Removal	Foot	920		920
Concrete Structures	Cu. Yd.		2.4	2.4
Concrete Superstructure	Cu. Yd.	84.2		84.2
* Protective Coat	Sq. Yd.	2,459	7	2,466
Furnishing and Erecting Structural Steel	Pound	410		410
Reinforcement Bars, Epoxy Coated	Pound	14,230	160	14,390
Bar Splicers	Each	56		56
Preformed Joint Strip Seal	Foot	256		256
Epoxy Crack Injection	Foot		111	111
Controlled Low-Strength Material	Cu. Yd.		15.2	15.2
Inlets to be Adjusted	Each	4		4
Cleaning and Painting Bearings	Each	24		24
Bridge Deck Grooving (Longitudinal)	Sq. Yd.	1,213		1,213
Adjust Rocker and Sole Plate	Each	12		12
Structural Steel Removal	Pound	410		410
Bridge Deck Scarification 2 1/2"	Sq. Yd.	2,120		2,120
Bridge Deck Microsilica Concrete Overlay 2 3/4"	Sq. Yd.	2,120		2,120
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.		161	161
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq. Ft.		131	131
Diamond Grinding (Bridge Section)	Sq. Yd.	1,945		1,945

* New concrete and overlay areas only

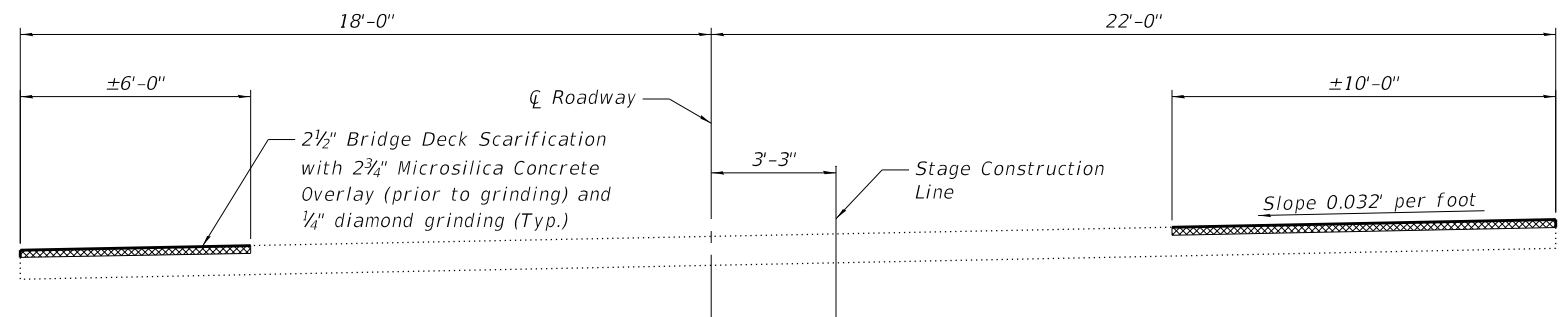
SCOPE OF WORK

To be completed under stage construction.

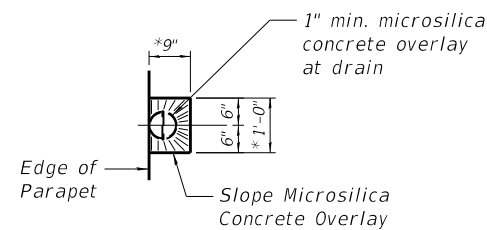
1. Remove existing expansion joints.
2. Scarify bridge deck and approach pavement.
3. Remove and reconstruct abutment backwalls.
4. Clean and paint all bearings at abutments.
5. Jack and reposition all bearing at Abutments A and D.
6. Reconstruct deck joints at Abutments B and D with preformed joint strip seal.
7. Remove portion of concrete parapet and reconstruct with designated modifications.
8. Install Microsilica Concrete Overlay and perform diamond grinding and longitudinal bridge deck grooving.
9. Repair abutments and piers at designated locations or as directed by the Engineer.



SN 081-0134 (W.B.) APPROACH PAVEMENT TYPICAL SECTION
(Looking Upstair)



SN 081-0135 (E.B.) APPROACH PAVEMENT TYPICAL SECTION
(Looking Upstair)



DRAIN DETAIL
*slope to drain

Note:
See Sheet 3 of 26 for bridge typical sections and staging.

MODEL: Default
FILE NAME: P:\22-1005.01_W01_I88_Six Bridges\DOT\Structures\0810134-0810135-64P85-002-General Data.dgn

Kaskaskia
Engineering Group, LLC
Professional Engineering Firm
1127 N. Main St., Suite 200
Moline, IL 61704
662.233.2877
www.kaskaskiaeng.com

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PLOT SCALE =	DRAWN - MLC	REVISED -
PLOT DATE =	CHECKED - JW	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 081-0134 (W.B.) & 081-0135 (E.B.)

SHEET 2 OF 26 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
88	(161-1B-1.2&161-1HB-9)BDR	ROCK ISLAND	142	110
CONTRACT NO. 64P85				
		ILLINOIS	FED. AID PROJECT	