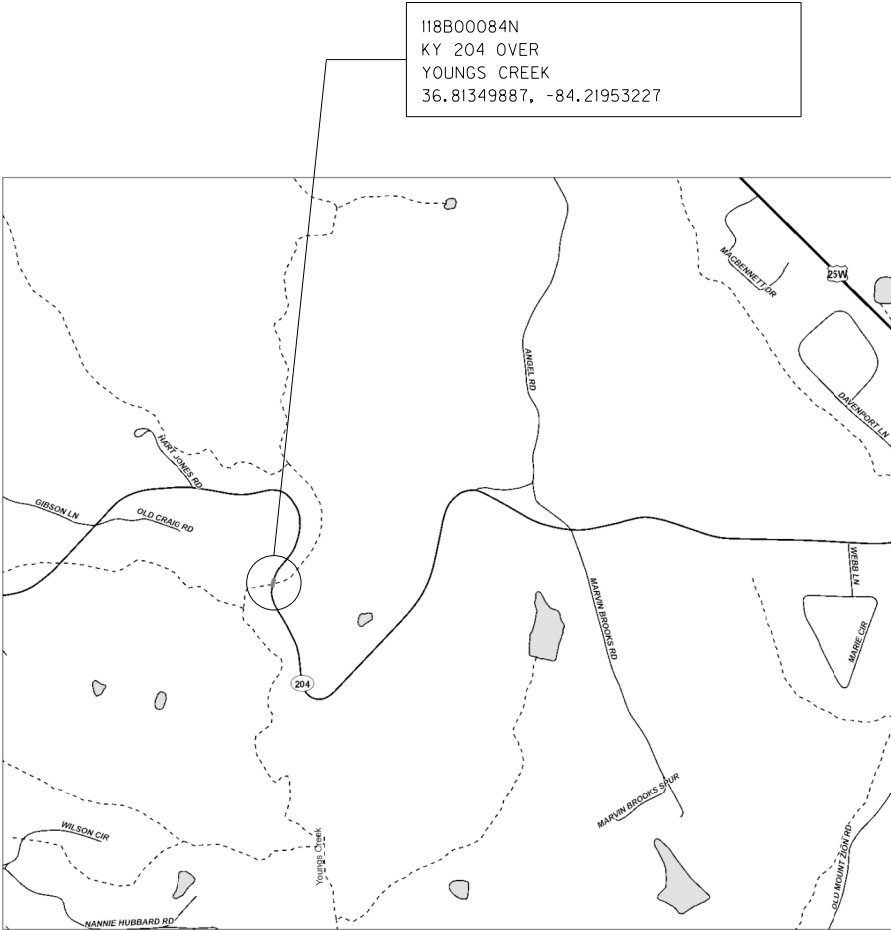
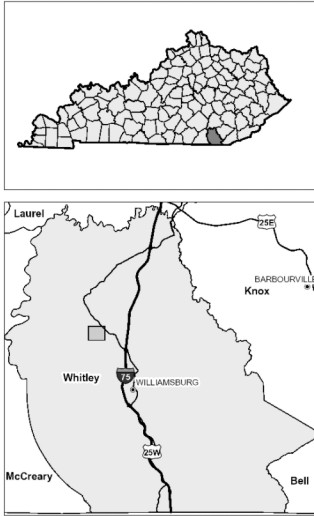
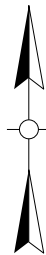


KENTUCKY TRANSPORTATION CABINET

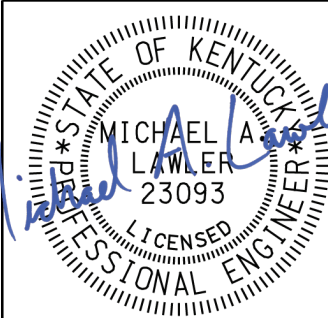
DEPARTMENT OF HIGHWAYS

BRIDGE REHABILITATION PLANS



LOCATION MAP

INDEX OF SHEETS	
Sheet No.	Description
S1	Title Sheet and Location Map
S2	General Notes
S3	Plan and Elevation
S4	Typical Sections
S5	Abutments
S6	Pier
S7	CB17x36 Box Beam Details
S8	Environmentally-Cleared Area
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for Traffic Control on Bridge Repair Contracts	
for Placing Bridge Overlay, Approach Pavement	
for Concrete Sealing	
for Erosion Control	
for Over the Side Drainage	
for Additional Environmental Commitments	
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RBR-005-11	Guardrail Components
RBR-010-06	Guardrail Terminal Sections
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RBR-055-01	Delineators for Guardrail
SPECIFICATIONS	
2019 Standard Specifications for Road and Bridge Construction.	
AASHTO LRFD Bridge Construction Specifications with Current Interims.	



BRIDGE NUMBER
118B00084N

FILE NAME: ... \S02_General Notes_KY_204.dgn

USER: agrace
DATE PLOTTED: 10/20/2028 30:59 PM

E-SHEET NAME:

MicroStation v8.11.9.916

A. GENERAL NOTES

SPECIFICATIONS: References to the Specifications are to the current Edition of the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction including any current supplemental Specifications. All references to the AASHTO Specifications are to the current edition of the AASHTO LRFD Bridge Construction Specifications, with Interims.

DESIGN LOAD: This superstructure is designed for KY-HL93 Live Load, (i.e. 1.25x AASHTO HL93 live load). This bridge is designed for a future wearing surface of 15 psf.

DESIGN METHOD: All reinforced concrete members are designed to be equivalent or greater than the load and resistance factor design method as specified in the current AASHTO Specifications.

ON-SITE INSPECTION: Each Contractor submitting a bid for this work shall make a thorough inspection of the project site prior to submitting a bid and shall be thoroughly familiarized with existing conditions so that work can be expeditiously performed after a Contract is awarded. Submission of a bid will be considered evidence of this inspection having been made. All claims resulting from the site conditions will not be honored by the Department of Highways.

VERIFYING FIELD CONDITIONS: The Contractor is not to order any materials, produce any shop drawings, or begin any construction activities until after verifying dimensions and conditions in the field. Dimensions and details shown on these Plans in relation to the existing structure shall be considered approximate. Existing plans, if available, shall not be considered accurate. It shall be the Contractor's responsibility to verify such dimensions and details in the field and to notify the Project Engineer and the Designer of any differences. Failure to notify either may delay drawing and other approvals. Thereafter make the necessary approved adjustments prior to construction or ordering materials. All Specification requirements shall remain in effect. Any variations shall not be cause for additional compensation for a change in the scope of work; however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work. In addition, the overrun and underrun formulas may be applied to appropriate repairs provided that the requirement of Article 104.02.02 of the Standard Specifications is satisfied. The cost of all labor, equipment, surveying, and materials necessary to verify field dimensions shall be included in the lump sum price for "Staking".

PLANS OF EXISTING STRUCTURE: Plans of the existing structure are not available.

CONSTRUCTION LOAD: The Contractor shall abide by the posted bridge limits. Storage of material on the bridge is prohibited.

Construction Identification: The names of the Prime Contractor and any Subcontractor shall be imprinted in the concrete with one inch letters at a location designated by the Engineer. The Contractor shall furnish all plans, equipment, and labor necessary to do the work for which no direct payment will be made. See Standard Drawing BGX-006, c.e.

UTILITIES: Before beginning work, locate all existing utilities. Consider location of utilities shown on the drawings to be approximate and for informational purposes only. The Department does not warrant the locations and assumes no responsibility for the accuracy or completeness. The Contractor must make his own determination. Except as shown on the Plans, work around and do not disturb existing utilities.

DAMAGE OUTSIDE ENVIRONMENTALLY-CLEARED AREA: Any area used outside the environmentally-cleared area shall obtain full environmental approvals prior to use. Once cleared, any area that is disturbed outside of the modified environmentally-cleared area during the life of the project shall be repaired by the Contractor at his expense, should any damage result from the Contractor's actions.

B. GENERAL NOTES REHABILITATION PROJECTS

MATERIALS FOR DESIGN SPECIFICATIONS:

For Class "A" Concrete:	F'C = 3,500 psi
For Class "AA" Concrete:	F'C = 4,000 psi
For Class "M" Concrete:	F'C = 4,000 psi
For Steel Reinforcement:	FY = 60,000 psi

The Specifications, Current Edition, as designated below shall govern the following materials furnished:

Material	Specification
Structural Steel	AASHTO M270 or ASTM A709, Grade 50
Bolts	F3125 Grade A325
Grout	C107

LEAD PAINT (RESIDUAL): The Contractor is advised to take all necessary protective measures, including worker safety and environmental regulations, when performing surface preparation and/or removal work. The Department will not consider any claims based on residual lead paint.

CONCRETE: Class "AA" Concrete is to be used throughout the superstructure and Class "A" concrete is to be used in the substructure. Prestressed beam concrete shall be in accordance with the plans and specifications.

SUPERSTRUCTURE SLAB: The superstructure slab shall be poured continuously from end to end of slab before the concrete is allowed to set.

REINFORCEMENT: Dimensions shown from the face of concrete to bars are to center of bars unless otherwise shown. Spacing of bars is from center to center of bars. Any reinforcing bars designated by suffix 'e' in the plans shall be epoxy coated in accordance with section 811.10 of the Standard Specifications. Any reinforcing bars designated by suffix 's' in a Bill of Reinforcement shall be considered a stirrup for purposes of bend diameters.

EXISTING STEEL REINFORCEMENT: The cost of cutting, bending, and cleaning existing steel reinforcement shall be incidental to the repair item being completed.

BEVELED EDGES: Bevel all exposed edges ¾" unless otherwise noted.

CONCRETE SEALING: Apply concrete sealing in accordance with the Special Note for Concrete Sealing.

PREFORMED CORK EXPANSION JOINT MATERIAL: Preformed Cork Expansion Joint Material shall conform to subsection 807.04.02 (Type II) of the Kentucky Department of Highways Standard Specifications.

PAYMENT FOR PRECAST CONCRETE BEAMS: The basis of payment for the Prestressed Concrete Beams shall be at the contract unit price per linear foot of beam, in accordance with the specifications.

DAMAGE TO THE STRUCTURE: The Contractor shall bear full responsibility and expense for repair of any and all damage to the structure, should such damage result from the Contractor's actions. The Contractor is completely responsible for the stability of the structure from the time of mobilization until after the bridge has been reopened to normal traffic following completion of all work required in the Contract. After completion of all operations, the structure and site shall be left in a condition that is in accordance with Section 105.12 of the Specifications.

DIMENSIONS: Dimensions are for a normal temperature of 60 degrees fahrenheit. Layout dimensions are horizontal dimensions.

REMOVE SUPERSTRUCTURE: This pay item for "Remove Superstructure" shall consist of the removal of the superstructure (beams), and partial removal of the abutments and pier as shown in the Plans. Portions of the existing abutments and pier shall remain in place to be reused in the rehabilitated structure. Care shall be exercised not to damage areas of remaining concrete or reinforcing steel during concrete removal operations.

Remove concrete by means of approved pneumatic hammers employing pointed and blunt chisel tools. Hydraulic hoe-ram type hammers will not be permitted. The weight of the hammer shall not be more than 35 pounds for removal within 18 inches of portions to be preserved. Outside the 18 inch limit, the Contractor may use hammers not exceeding 90 pounds upon the approval of the Engineer. Do not place pneumatic hammers in direct contact with reinforcing steel that is to be retained. Care shall be taken to not damage bond to adjacent non-exposed reinforcing steel during concrete removal processes. The perimeter of all areas where concrete is removed shall be tapered at an approximately 45° angle, except that the outer edges of all chipped areas shall be saw cut to minimum depth of 1 inch to prevent feather edging unless otherwise approved by the Engineer. After all concrete has been removed, the repair surface shall be prepared by abrasive blast cleaning. Abrasive blast cleaning shall remove all fractured surface concrete and all traces of any unsound material or contaminants such as oil, grease, dirt, slurry, or any materials which could interfere with the bond of freshly placed concrete. The Contractor shall dispose all removed material off state right of way in an approved site.

WELDING REINFORCEMENT: The welding and welding material shall conform to the "Recommended Practices for Welding Reinforcing Steel", American Welding Society Specifications, Current Edition. No direct payment shall be made for welding or weld material, but the cost of these items shall be included in the unit price bid for the repair being completed.

DISPOSAL OF MATERIALS: All materials and debris removed from or beneath the bridge shall become the property of the Contractor and shall be removed from the right-of-way.

COMPLETION OF THE STRUCTURE: The Contractor is required to complete the structure in accordance with the Plans and Specifications. Material, labor, or construction operations, not otherwise specified, are to be included in the bid item most appropriate for the work involved and otherwise considered incidental to the Contract. This may include cofferdams, shoring, excavations, backfilling, removal of all or parts of the existing structure, phase construction, incidental materials, labor, or anything else required to complete the structure.

BEFORE YOU DIG: The Contractor shall be responsible for all requirements and conformation with the Underground Facility Damage Prevention Act of 1994. The Contractor will be responsible for locating any utilities on this project. All underground utilities shall be located prior to construction. Any utilities disturbed or damaged as a result of the Contractor's operations will be repaired to the satisfaction of the utility owner at the Contractor's expense. The Contractor is advised to call (800) 752-6007 a minimum of two working days prior to excavation for information on the location of some, but not necessarily all underground utilities.


SHOP DRAWINGS: The fabricator shall submit all required shop plans, by email to SHOP.XXXXXxxxN@docs.e-Builder.net, for review. These submissions shall depict the shop plans in .PDF format, as either 11"x17" or 22"x36" sheets. Designers will make review comments on these electronic submissions as needed and, if required, shall return them to the fabricator for corrections and resubmittal. Upon acceptable reconciliation of all comments, files shall be sent to the Bridge Program GEC Shop Plan Coordinator for distribution. Only plans submitted directly to the Shop Plan Coordinator will be distributed. Additionally, only plans electronically stamped "Distributed by The Bridge Program GEC Team" are to be used for fabrication. While this process does not require the submission of paper copies, the Engineer of Record reserves the right to require such copies on a case by case basis. When any changes to the design plans are proposed, the shop drawings reflecting these changes shall be submitted through the process above.

Note: The designation in the email XXXXXXXxxxN refers to the Bridge ID number which is located on the Title Sheet, SI of the Bridge Plans. Example: SH0P_042B000191N@docs.e-Builder.net

BRIDGE NUMBER

118B00084N

PREPARED BY

 Stantec

SHEET NO.

S2

DRAWING NO.

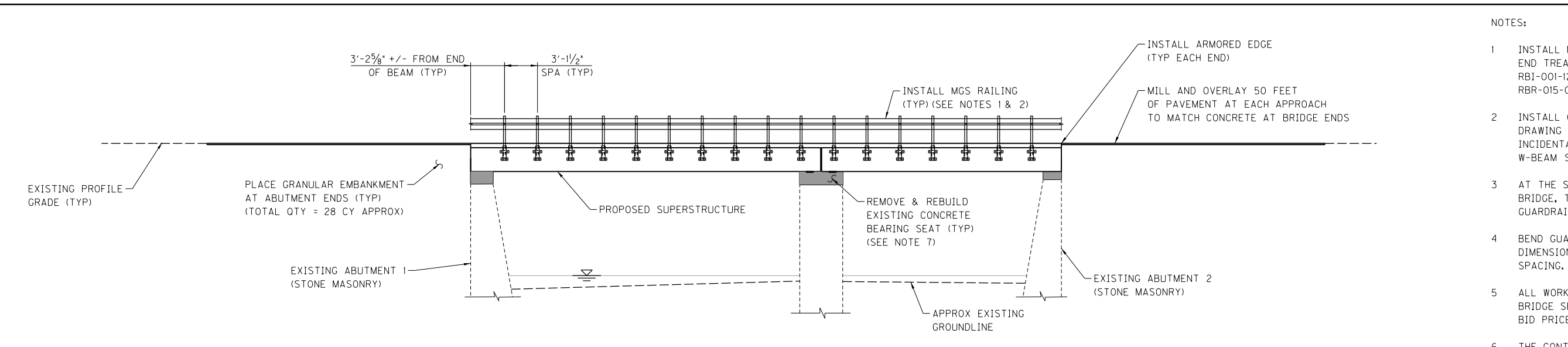
28365

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USER: agrace
DATE PLOTTED: 10/20/2022 12:32 PM

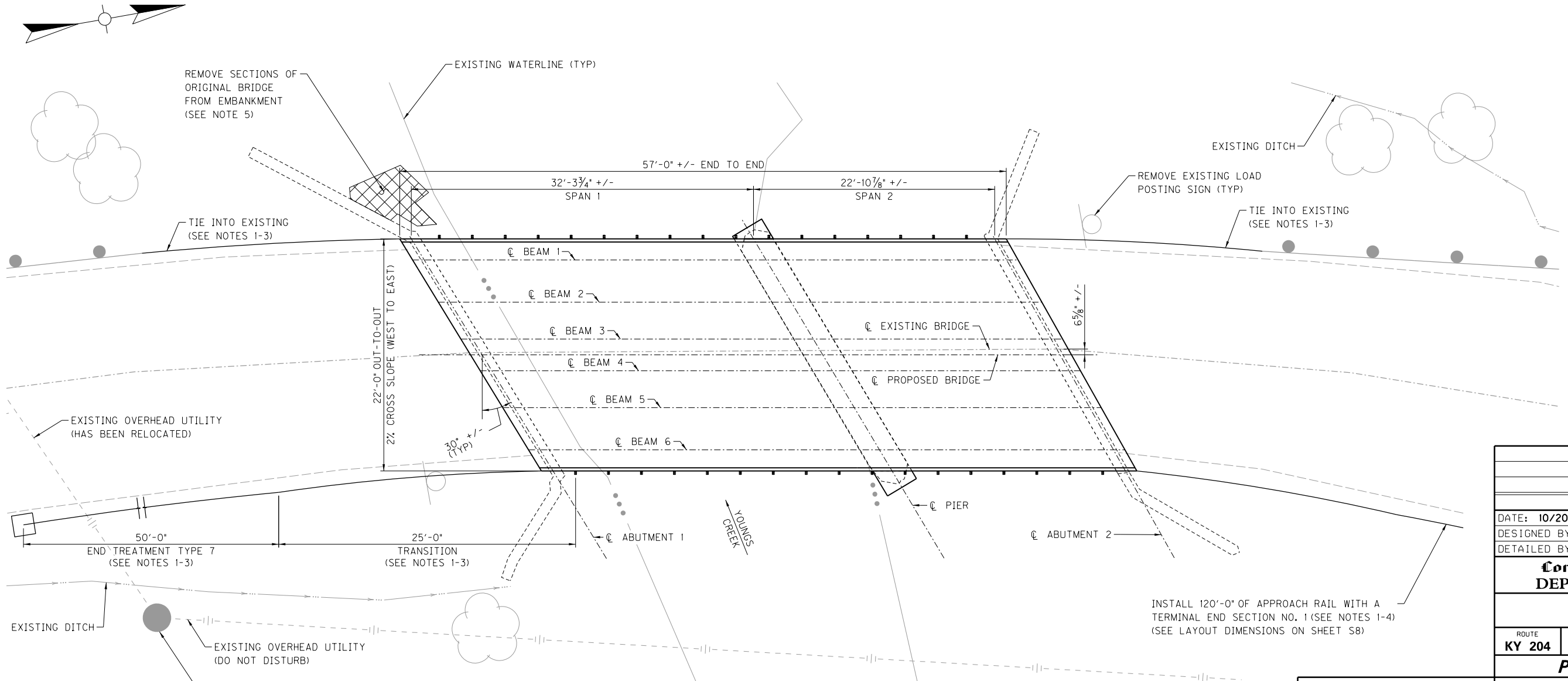
E-SHEET NAME:

MicroStation v8.11.9.916



ELEVATION

(FIELD VERIFY ALL DIMENSIONS)
(GUARDRAIL OFF BRIDGE NOT SHOWN)



PLAN

(FIELD VERIFY ALL DIMENSIONS)

NOTES:


1. INSTALL MGS RAILINGS, TRANSITION RAILINGS, AND END TREATMENTS USING STANDARD DRAWINGS BHS-011, RBI-001-12, RBR-001-13, RBR-005-11, RBR-010-06, RBR-015-06, RBR-018, AND RBR-050-08.
2. INSTALL GUARDRAIL DELINEATORS PER STANDARD DRAWING RBR-055-01. DELINEATORS SHALL BE INCIDENTAL TO THE BID ITEM FOR "GUARDRAIL STEEL W-BEAM S FACE (7 FT POST)".
3. AT THE SOUTHWEST AND NORTHWEST CORNERS OF THE BRIDGE, TIE MGS RAILING INTO EXISTING APPROACH GUARDRAIL USING A MINIMUM 25'-0" TRANSITION.
4. BEND GUARDRAIL SECTIONS IN SHOP. FIELD VERIFY DIMENSIONS SHOWN, AND MAINTAIN TYPICAL POST SPACING.
5. ALL WORK RELATED TO THE REMOVAL OF ORIGINAL BRIDGE SECTIONS SHALL BE INCIDENTAL TO THE UNIT BID PRICE FOR "SUPERSTRUCTURE REMOVAL".
6. THE CONTRACTOR MAY ERECT FALSEWORK TO FACILITATE THE BEARING SEAT MODIFICATIONS SHOWN ON SHEETS S5 AND S6. ALL WORK RELATED TO THE ERECTION OF FALSEWORK SHALL BE INCIDENTAL TO THE BID ITEM FOR "CONCRETE-CLASS A".

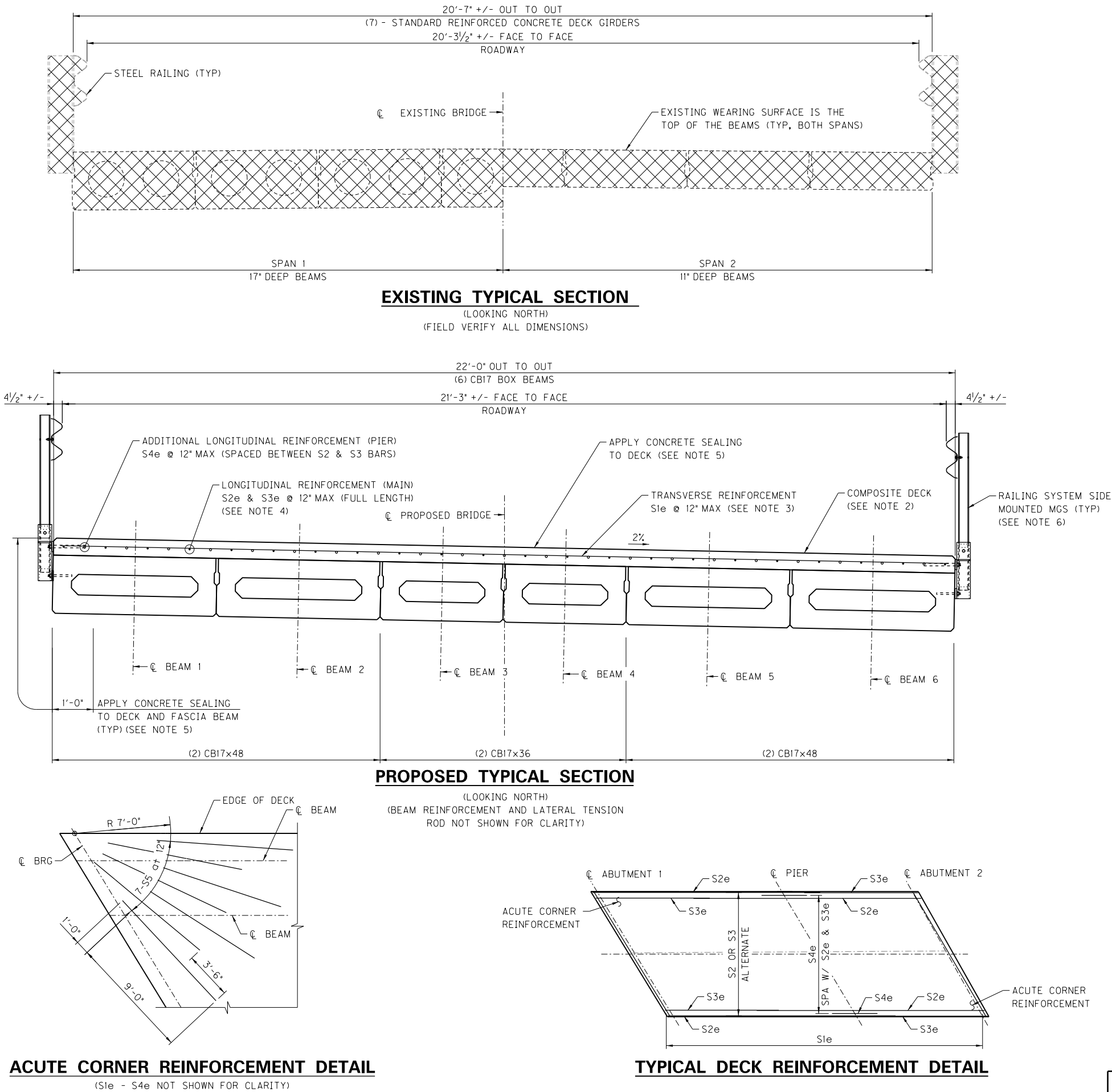


REMOVAL AREA



NEW SUBSTRUCTURE CONCRETE

REVISION		DATE
DATE: 10/20/2022	CHECKED BY	
DESIGNED BY: R. MARTIN	E. ADKINS	
DETAILED BY: L. NELSON	M. FASANO	
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY WHITLEY		
ROUTE KY 204	CROSSING YOUNGS CREEK	
PLAN AND ELEVATION		
PREPARED BY		SHEET NO. S3
 Stantec		DRAWING NO. 28365




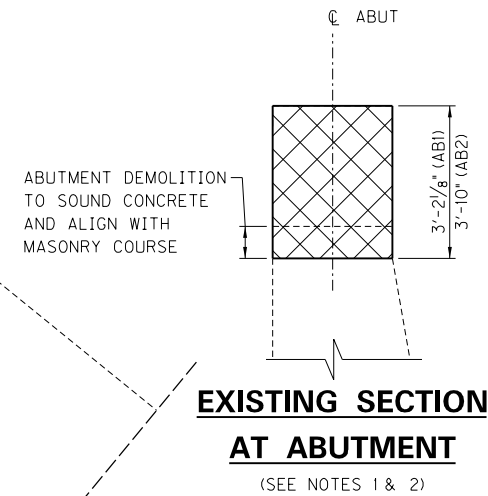
- NOTES:
- 1 REPLACE EXISTING SUPERSTRUCTURE WITH (6) PRECAST BOX BEAMS AND COMPOSITE DECK, MODIFYING THE SUBSTRUCTURE AS SHOWN ON SHEETS S5 AND S6.
 - 2 COMPOSITE DECK THICKNESS TO BE 5" THROUGHOUT.
 - 3 TRANSVERSE REINFORCEMENT SHALL BE PLACED PARALLEL TO THE SUBSTRUCTURE UNITS AND MAINTAIN A 2 1/2" CLEAR COVER WITH THE TOP OF THE DECK.
 - 4 LONGITUDINAL REINFORCEMENT TO BE LAPPED A MINIMUM OF 3'-4".
 - 5 APPLY CONCRETE SEALING TO THE PROPOSED SUPERSTRUCTURE, PER SPECIAL NOTE.
 - 6 INSTALL DRIP STRIPS ALONG BOTH SIDES OF THE BRIDGE, PER SPECIAL NOTE.
 - 7 PLACE THE ACUTE CORNER REINFORCEMENT BENEATH THE LONGITUDINAL AND TRANSVERSE REINFORCEMENT IN THE DECK.
- BOX BEAM NOTES:
- 1 CB17x48 BOX BEAMS SHALL BE FABRICATED IN ACCORDANCE WITH STANDARD DRAWING BPD-007-05. THE BEAM LENGTH SHALL MATCH EXISTING CONDITIONS BUT THE STRAND PATTERN SHALL CORRESPOND TO A CB17x48 WITH A 36' LENGTH AND THE SHEAR REINFORCEMENT SHALL CORRESPOND TO A CB17x48 WITH A 44' LENGTH.
 - 2 CB17x36 BOX BEAMS SHALL BE FABRICATED IN ACCORDANCE WITH BEAM DETAILS SHOWN ON SHEET S7.
 - 3 ALL BOX BEAMS SHALL BE INSTALLED AS SHOWN AND IN COMPLIANCE WITH STANDARD DRAWINGS BDP-001-06, BDP-002-03, BDP-003-03, BDP-004-04, AND BHS-011.



REMOVAL AREA

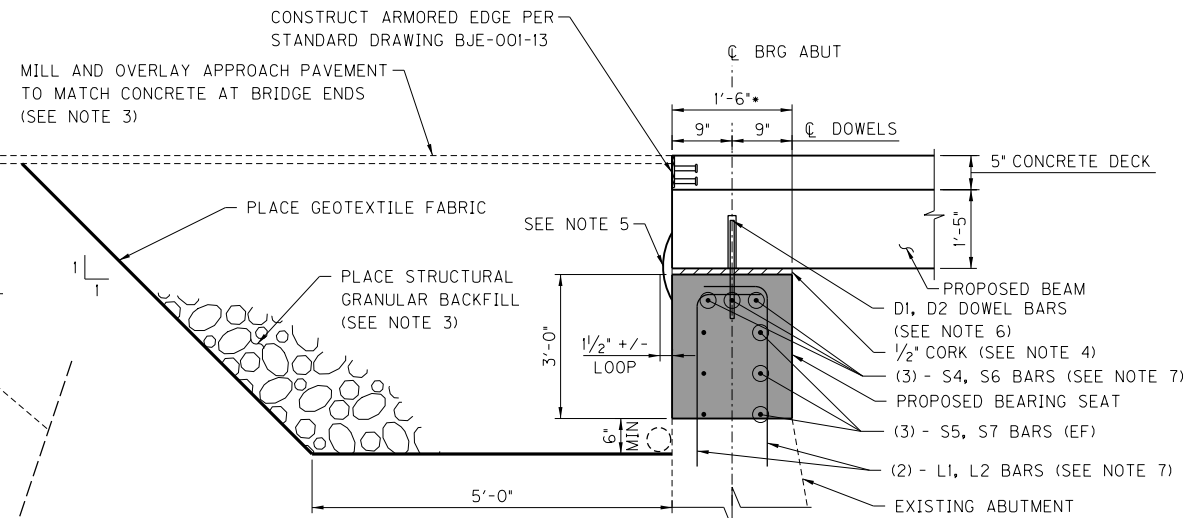
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S1e	STR	5	58	25	0	DECK - TRANSVERSE
S2e	STR	5	23	40	0	DECK - LONGITUDINAL (MAIN)
S3e	STR	5	23	20	0	DECK - LONGITUDINAL (MAIN)
S4e	STR	5	22	8	0	DECK - LONGITUDINAL (PIER)
S5e	STR	5	14	10	0	DECK - ACUTE CORNER

REVISION		DATE
DATE: 10/20/2022	CHECKED BY	
DESIGNED BY: R. MARTIN	E. ADKINS	
DETAILED BY: L. NELSON	M. FASANO	
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY WHITLEY		
ROUTE KY 204	CROSSING YOUNGS CREEK	
TYPICAL SECTIONS		
PREPARED BY  Stantec		SHEET NO. S4 DRAWING NO. 28365

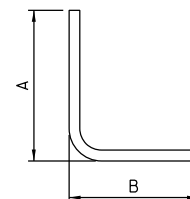


- NOTES:
- 1 REMOVE EXISTING SUPERSTRUCTURE AND MODIFY EXISTING ABUTMENTS AS SHOWN TO ACCOMODATE THE PROPOSED SUPERSTRUCTURE.
 - 2 THE CONTRACTOR SHALL SET THE BEARING SEAT TO THE ELEVATIONS SHOWN AND VERIFY THAT THE EXISTING PAVEMENT AND BEARING ELEVATIONS WILL ALLOW FOR A 5" SLAB, 17" DEEP BOX BEAM, AND THE BEARING CORK. ADJUST THE DEPTH OF THE PROPOSED BEARING SEAT CONCRETE, AS REQUIRED.
 - 3 REFER TO SPECIAL NOTE FOR BRIDGE APPROACH PAVEMENT.
 - 4 SET CORK IN ACCORDANCE WITH STANDARD DRAWING BDP-002-03.
 - 5 12" WIDE MASTIC TAPE TO WATERPROOF THE JOINT BETWEEN THE BEAM AND THE ABUTMENT. THE TAPE SHALL BE LOOPED AS SHOWN TO ALLOW FOR MOVEMENT WITHOUT DAMAGE TO THE TAPE. INSTALL PLASTIC FILM OR OTHER BOND BREAKER BETWEEN TAPE LOOP AND EXPANSION JOINT.
 - 6 INSTALL DOWEL BARS IN ACCORDANCE WITH STANDARD DRAWING BDP-002-03. EMBED A MINIMUM OF 12" AND GROUT.
 - 7 THE CONTRACTOR SHALL SPACE THE L1, L2 AND S4, S6 BARS TO AVOID INTERFERENCE WITH THE DOWEL BARS.

(FIELD VERIFY ALL DIMENSIONS)
(SUPERSTRUCTURE NOT SHOWN FOR CLARITY)




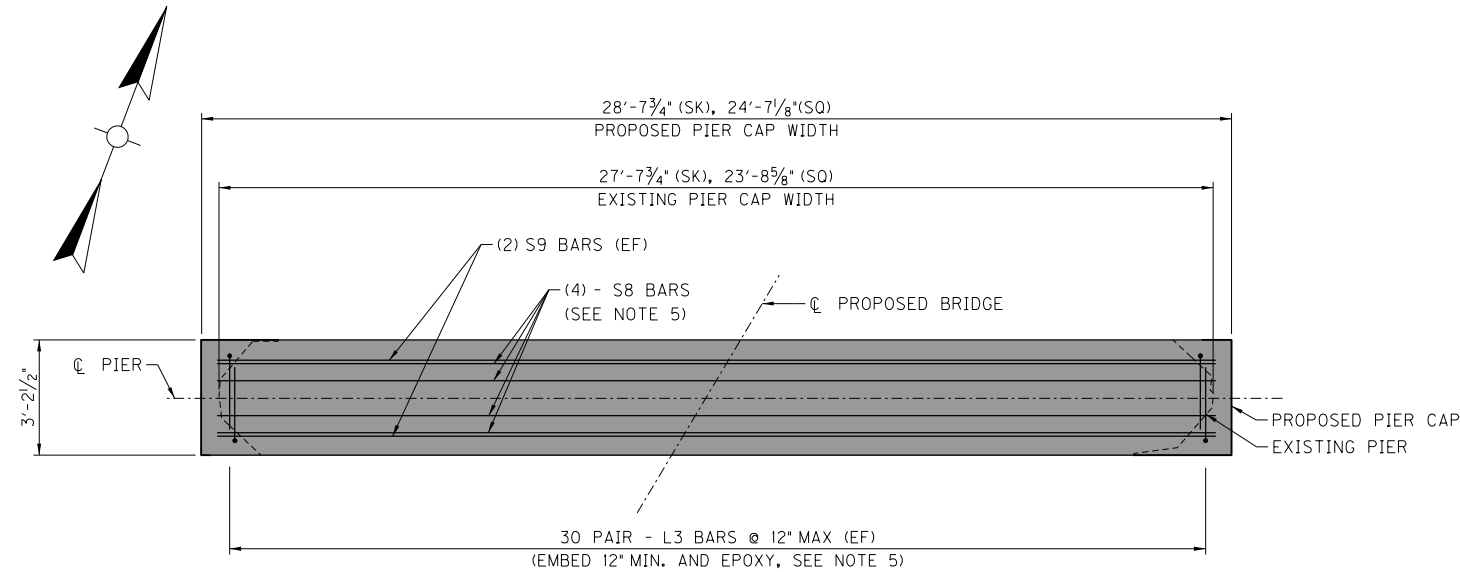
(ABUTMENT 2 SHOWN, ABUTMENT 1 SIMILAR)
(*FIELD VERIFY DIMENSIONS)



TYPE 5

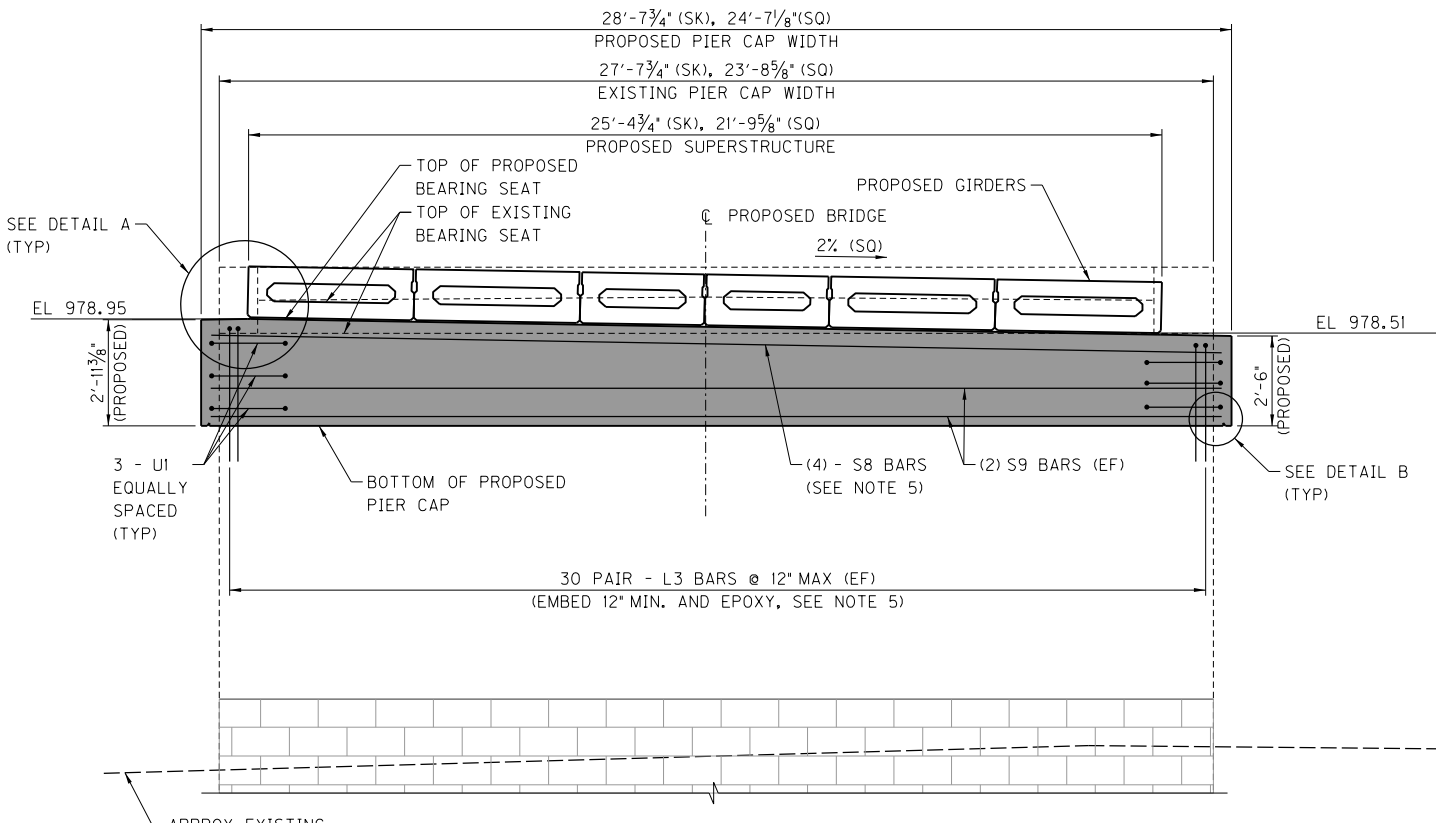
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				FT.	IN.		FT.	IN.	FT.	IN.					FT.	IN.		FT.	IN.		
L1	5	5	54	5	0	BRG. SEAT - DOWELS	1	0	4	0	L2	5	5	54	4	10	BRG. SEAT - DOWELS	1	0	3	10
S4	STR	5	3	25	4	BRG. SEAT					S6	STR	5	3	25	4	BRG. SEAT				
S5	STR	5	6	25	4	BRG. SEAT					S7	STR	5	6	25	4	BRG. SEAT				
D1	STR	8	12	2	0	BRG. SEAT - GIRDER DOWELS					D2	STR	8	12	2	0	BRG. SEAT - GIRDER DOWELS				

REVISION		DATE	
DATE: 10/20/2022		CHECKED BY	
DESIGNED BY: R. MARTIN		E. ADKINS	
DETAILED BY: L. NELSON		M. FASANO	
<p align="center">Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS</p>			
<p align="center">COUNTY WHITLEY</p>			
ROUTE KY 204	CROSSING YOUNGS CREEK		
<p align="center">ABUTMENTS</p>			
<p>PREPARED BY</p> <p align="center">  Stantec </p>		<p>SHEET NO. S5</p> <p>DRAWING NO. 28365</p>	



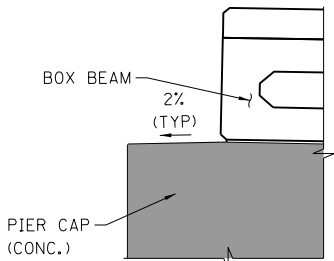
PIER PLAN

(FIELD VERIFY ALL DIMENSIONS)
(SUPERSTRUCTURE NOT SHOWN FOR CLARITY)

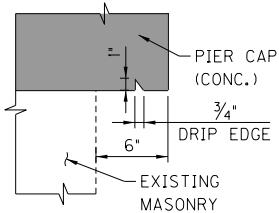


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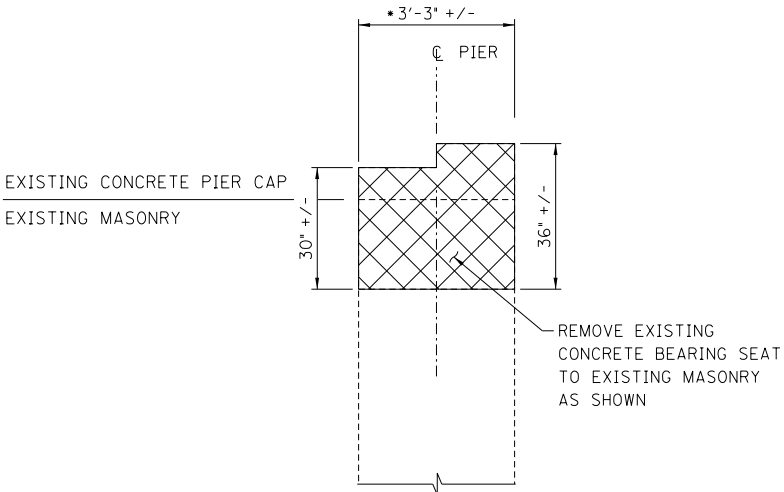
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(EXISTING SUPERSTRUCTURE NOT SHOWN FOR CLARITY)
(PROPOSED REMOVAL NOT SHOWN FOR CLARITY)



DETAIL A

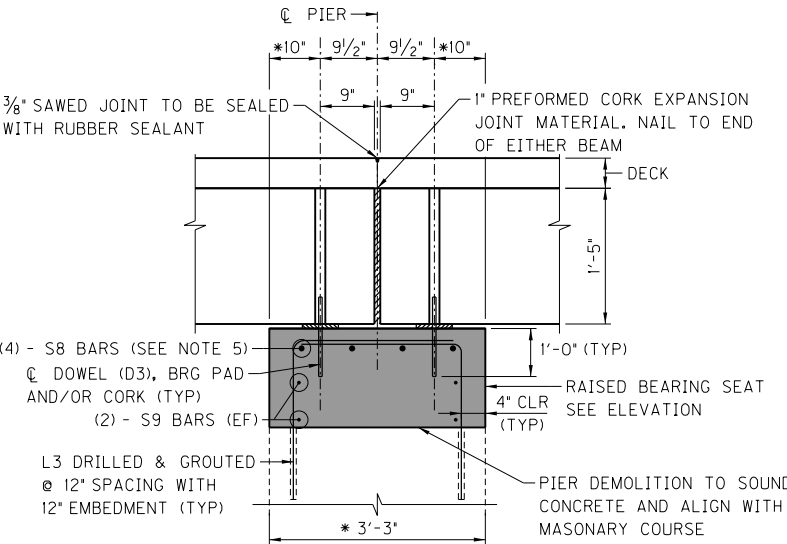


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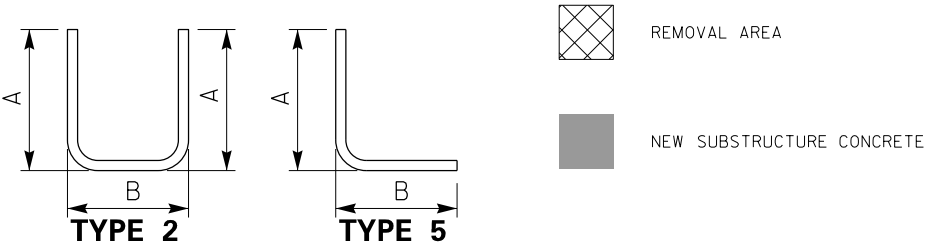
EXISTING SECTION AT PIER

(FIELD VERIFY ALL DIMENSIONS)



PROPOSED SECTION AT PIER

(FIELD VERIFY DIMENSIONS)




BILL OF REINFORCEMENT - PIER											
MARK	TYPE	SIZE	NUMBER	LENGTH		LOCATION	A		B		
				FT.	IN.		FT.	IN.	FT.	IN.	
L3	5	5	60	6	8	BRG. SEAT - DOWELS	2	8	4	0	
S8	STR	5	4	28	3		BRG. SEAT				
S9	STR	5	4	28	3		BRG. SEAT				
U1	2	5	6	10	8	BRG. SEAT	4	0	2	8	
D3	STR	8	24	2	0	BRG. SEAT - GIRDER DOWELS					

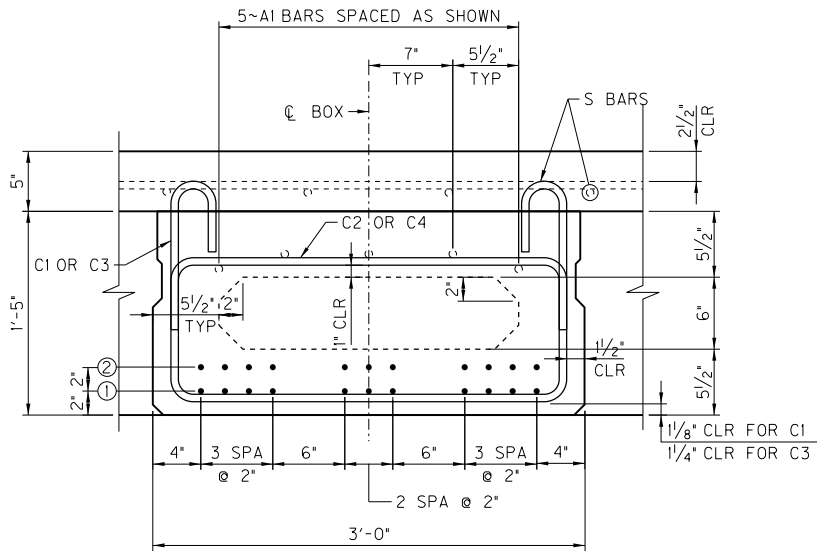
BRIDGE NUMBER

118B00084N

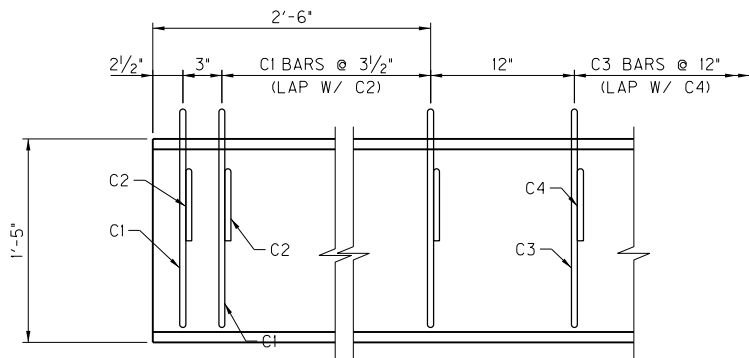
NOTES:

- 1 REMOVE EXISTING SUPERSTRUCTURE AND MODIFY EXISTING PIER AS SHOWN TO ACCOMODATE THE PROPOSED SUPERSTRUCTURE.
- 2 THE CONTRACTOR SHALL SET THE PIER CAP TO THE ELEVATIONS SHOWN AND VERIFY THAT THE PIER CAP WILL ALLOW FOR A 5" SLAB, 17" DEEP BOX BEAM, AND THE BEARING CORK. ADJUST THE DEPTH OF THE PROPOSED PIER CAP CONCRETE, AS REQUIRED.
- 3 INSTALL BEARING PADS (A1 AND B1) IN ACCORDANCE WITH STANDARD DRAWING BBP-003-02. SET PADS AND CORK IN ACCORDANCE WITH STANDARD DRAWING BDP-002-03.
- 4 INSTALL DOWEL BARS IN ACCORDANCE WITH STANDARD DRAWING BDP-002-03. EMBED A MINIMUM OF 12" AND GROUT.
- 5 THE CONTRACTOR SHALL SPACE THE L3 AND S8 BARS AS TO AVOID INTERFERENCE WITH THE DOWEL BARS.

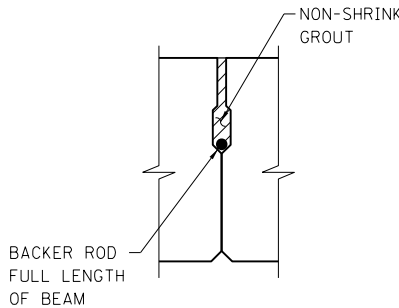
REVISION		DATE
DATE: 10/20/2022	CHECKED BY	
DESIGNED BY: R. MARTIN	E. ADKINS	
DETAILED BY: L. NELSON	M. FASANO	
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY WHITLEY		
ROUTE KY 204	CROSSING YOUNGS CREEK	
PIER		
PREPARED BY		SHEET NO. S6
 Stantec		DRAWING NO. 28365



CB17 BEAM



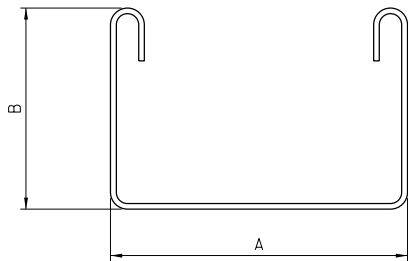
CB17 ELEVATION OF 30° SKEW*



SHEAR KEY DETAIL

SPAN	BEAM DIMENSIONS (MEASURED ALONG C)			STRAND DATA WITH NUMBER INDICATED IN ROWS						TOTAL NO.	CONCRETE STRENGTHS (psi)		NO. OF C1(e) BARS REQ'D	NO. OF C2(e) BARS REQ'D	NO. OF C3(e) BARS REQ'D	NO. OF C4(e) BARS REQ'D
	NO. REQ'D	• LENGTH A	APPROXIMATE WEIGHT (lbs.)	MIDSPAN (SECTION B-B)			END (SECTION A-A)				f'ci	f'c				
				①	②	③	①	②	③							
1	2	32'-10"	15,908	10	7	0	10	7	0	34	5500	7000	10	10	27	27
2	2	23'-6"	11,544	10	0	0	10	0	0	20	5500	7000	10	10	18	18

* BEAM DIMENSIONS LISTED IN THE TABLE HAVE BEEN ADJUSTED FOR THE EFFECTS OF SLOPE WHERE APPLICABLE. ALLOWANCE FOR SHRINKAGE AND ELASTIC SHORTENING IS NOT INCLUDED IN THE TABLE DIMENSIONS.




C1(e) & C3(e) BARS



C2(e) & C4(e) BARS

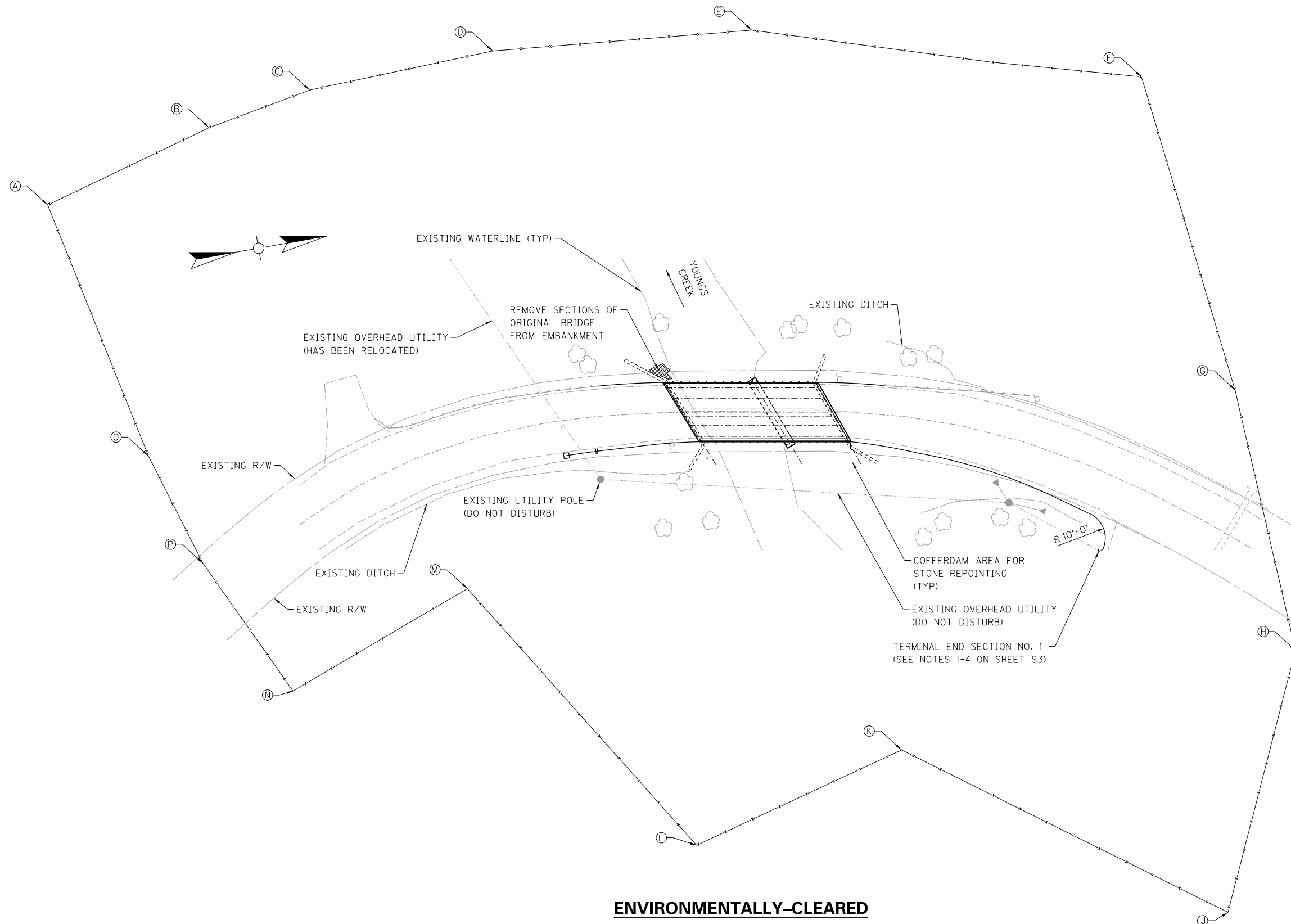
BILL OF REINFORCEMENT - CB17x36 - (SPAN 1)									
MARK	SIZE	NUMBER	LENGTH		LOCATION	A		B	
			FT.	IN.		FT.	IN.	FT.	IN.
A1	4	10	32	10	BOX BEAM				
C1e	5	20	10	6	BOX BEAM	2	9	1	6 3/8
C2e	5	20	3	9	BOX BEAM	2	9	-	6
C3e	4	54	10	6	BOX BEAM	2	9	1	6 1/4
C4e	4	54	3	9	BOX BEAM	2	9	-	6

BILL OF REINFORCEMENT - CB17x36 - (SPAN 2)									
MARK	SIZE	NUMBER	LENGTH		LOCATION	A		B	
			FT.	IN.		FT.	IN.	FT.	IN.
A1	4	10	23	6	BOX BEAM				
C1e	5	20	10	6	BOX BEAM	2	9	1	6 3/8
C2e	5	20	3	9	BOX BEAM	2	9	-	6
C3e	4	36	10	6	BOX BEAM	2	9	1	6 1/4
C4e	4	36	3	9	BOX BEAM	2	9	-	6

REVISION		DATE
DATE: 10/20/2022	CHECKED BY	
DESIGNED BY: R. MARTIN	E. ADKINS	
DETAILED BY: L. NELSON	M. FASANO	
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY WHITLEY		
ROUTE KY 204	CROSSING YOUNGS CREEK	
CB17x36 BOX BEAM DETAILS		
PREPARED BY		SHEET NO. S7
 Stantec		DRAWING NO. 28365

BRIDGE NUMBER
118B00084N

PREPARED BY	SHEET NO.
Stantec	S7
	DRAWING NO.
	28365




**ENVIRONMENTALLY-CLEARED
AREA FOR CONSTRUCTION**

NOTES:

- 1 THE CONTRACTOR SHALL NOT PERFORM ANY CONSTRUCTION ACTIVITIES OUTSIDE OF THE EXISTING RIGHT-OF-WAY, UNLESS SHOWN ELSEWHERE IN THE REHABILITATION PLANS. ANY AGREEMENTS MADE WITH ADJACENT PROPERTY OWNERS FOR ACCESS, STAGING AREAS, ETC. MUST RESIDE WITHIN THE ENVIRONMENTALLY-CLEARED AREA SHOWN ON THIS SHEET. IF THE CONTRACTOR DESIRES TO UTILIZE AN AREA OUTSIDE OF THE ENVIRONMENTALLY-CLEARED AREA, ADDITIONAL CLEARANCE MUST BE OBTAINED (SEE GENERAL NOTES FOR ADDITIONAL INFORMATION).
- 2 THE CONTRACTOR SHALL PROVIDE SNOW FENCING TO CLEARLY DELINEATE THE BOUNDARY OF THE PROJECT, PER THE GUIDANCE OUTLINED IN THE SPECIAL NOTE FOR ENVIRONMENTAL COMMITMENTS. SNOW FENCING SHALL BE PAID FOR WITH BID ITEM 21476ED.
- 3 COORDINATES (KENTUCKY SINGLE ZONE)

(A)	N 3459098	E 5369179
(B)	N 3459162	E 5369161
(C)	N 3459201	E 5369154
(D)	N 3459271	E 5369152
(E)	N 3459367	E 5369161
(F)	N 3459506	E 5369203
(G)	N 3459520	E 5369324
(H)	N 3459525	E 5369423
(J)	N 3459483	E 5369514
(K)	N 3459375	E 5369434
(L)	N 3459294	E 5369455
(M)	N 3459227	E 5369347
(N)	N 3459157	E 5369373
(P)	N 3459132	E 5369320
(Q)	N 3459119	E 5369278

—x— LIMITS FOR ENVIRONMENTALLY-CLEARED AREA

REVISION		DATE	
DATE: 10/20/2022		CHECKED BY	
DESIGNED BY: R. MARTIN		E. ADKINS	
DETAILED BY: J. TA		M. FASANO	
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS			
COUNTY WHITLEY			
ROUTE KY 204		CROSSING YOUNGS CREEK	
ENVIRONMENTALLY-CLEARED AREA			
PREPARED BY		SHEET NO.	
 Stantec		S8	
		DRAWING NO. 28365	