

**Addendum NO 1**

**ISSUED BY:**           *Great River Engineering  
2826 S. Ingram Mill  
Springfield, Missouri 65804  
(417) 886-7171  
(417) 886-7591 --- FAX*

**DATE:**               April 21, 2022

**FOR:**                   **Pike County Bridge Replacement on C.R. 103 & C.R. 318.**

The attached revisions hereby supersede any and all data with which they may conflict as indicated on the Drawings, Specifications and related documents issued in the original set. Each trade is responsible for changes in its work caused by changes in the work of other trades. This addendum is a part of and shall be attached to the original set of plans and specifications for the work.

**Notification:** There have been no changes or addendums prior to this addendum.

**Changes to:**

**Construction Plan C.R. 103 Bridge:**

Sheet C2 – Updated Quantities

Sheet C3 & C4 – Added Fence and pipe relocation

Sheet S4 – Added Elevation notes for clarity on leveled center slab beam.

Sheet S7 – Added Elevation notes for clarity on leveled center slab beam.

**Construction Plan C.R. 318 Bridge:**

Sheet C2 – Updated Quantities

Sheet C3 & C4 – Added Type A Guardrail to the N.E. Corner and Added Fence note.

Sheet S4 – Added Elevation notes for clarity on leveled center slab beam & revised roadway dimension.

Sheet S7 – Added Elevation notes for clarity on leveled center slab beam.

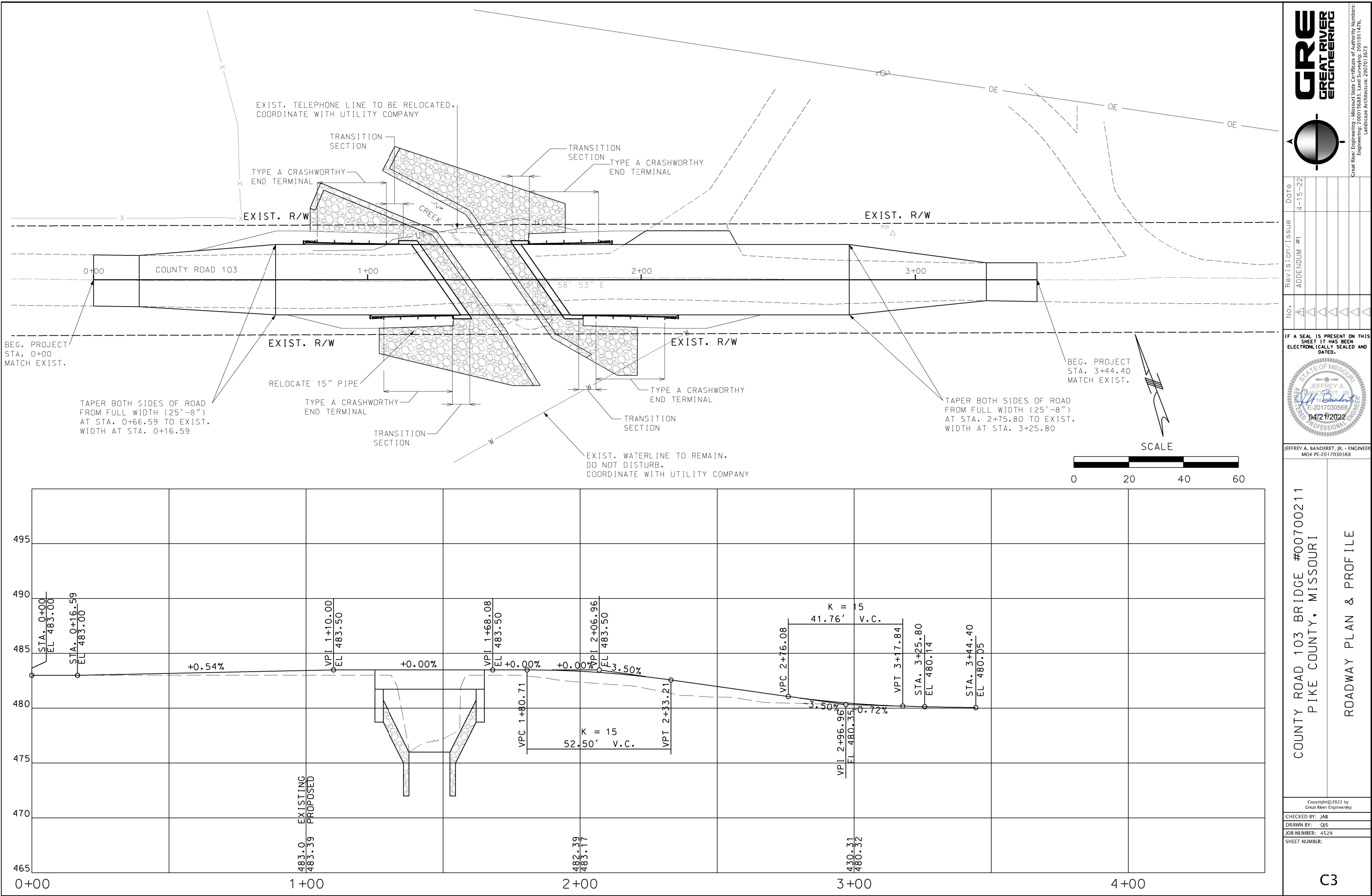
**Contract Documents:**

Itemized Bid Form – Updated Quantities

**There are no other clarifications or changes included with this Addendum.**







No.	Revision/Issue	Date
A	ADDENDUM #1	4-15-22

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

JEFFREY A. BANDERET, JR. - ENGINEER  
MO# PE-2017030568

COUNTY ROAD 103 BRIDGE #00700211  
PIKE COUNTY, MISSOURI

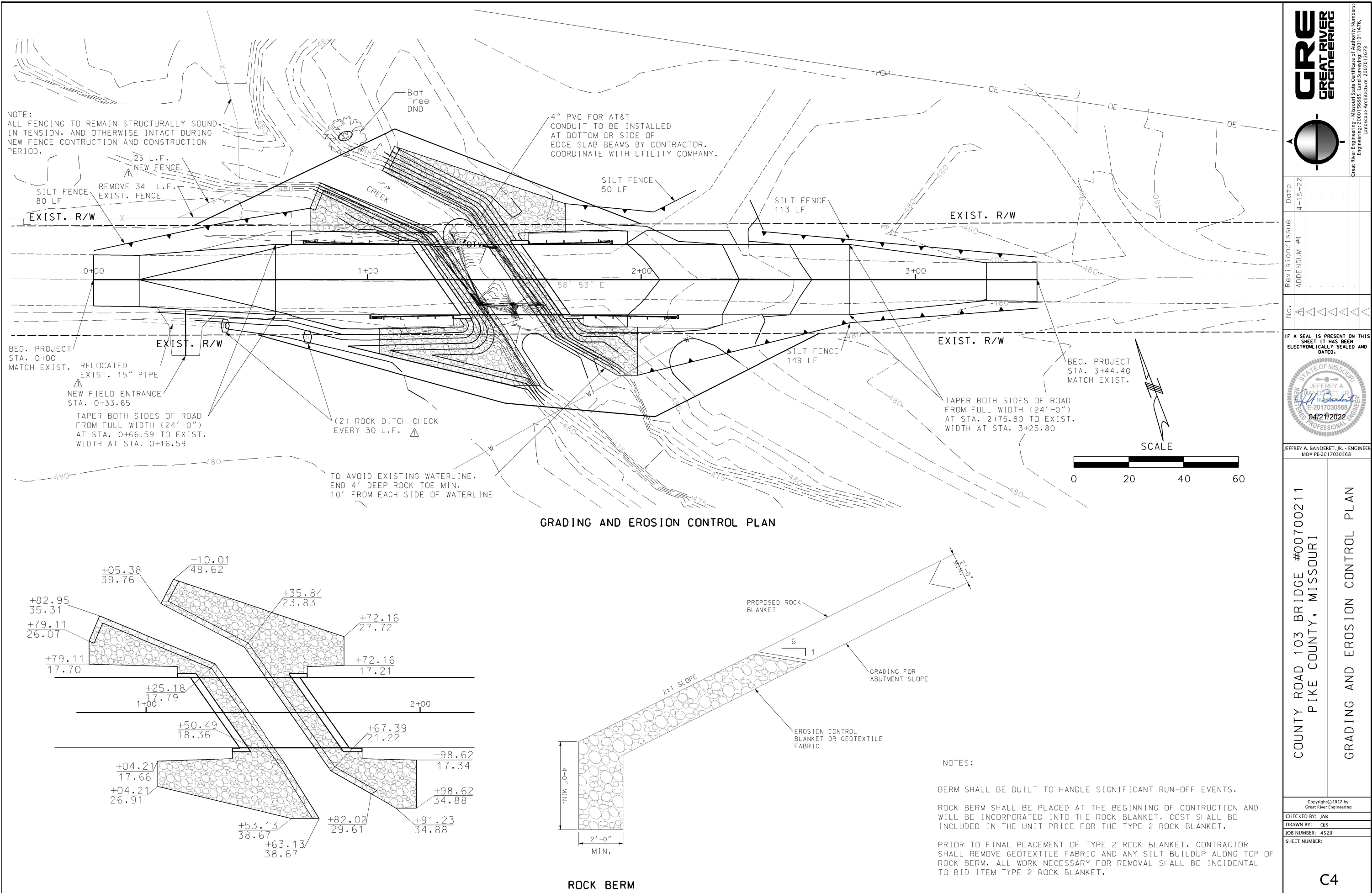
ROADWAY PLAN & PROFILE

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JOB NUMBER: 4529  
SHEET NUMBER:

C3





Great River Engineering - Missouri State Certificate of Authority Numbers:  
Engineering: 2001156885, Land Surveying: 2001011476,  
Landscape Architecture: 2007013673

Revison/Issue	Date
ADDENDUM #1	4-15-22

No.	Revison/Issue
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COUNTY ROAD 103 BRIDGE #00700211  
PIKE COUNTY, MISSOURI

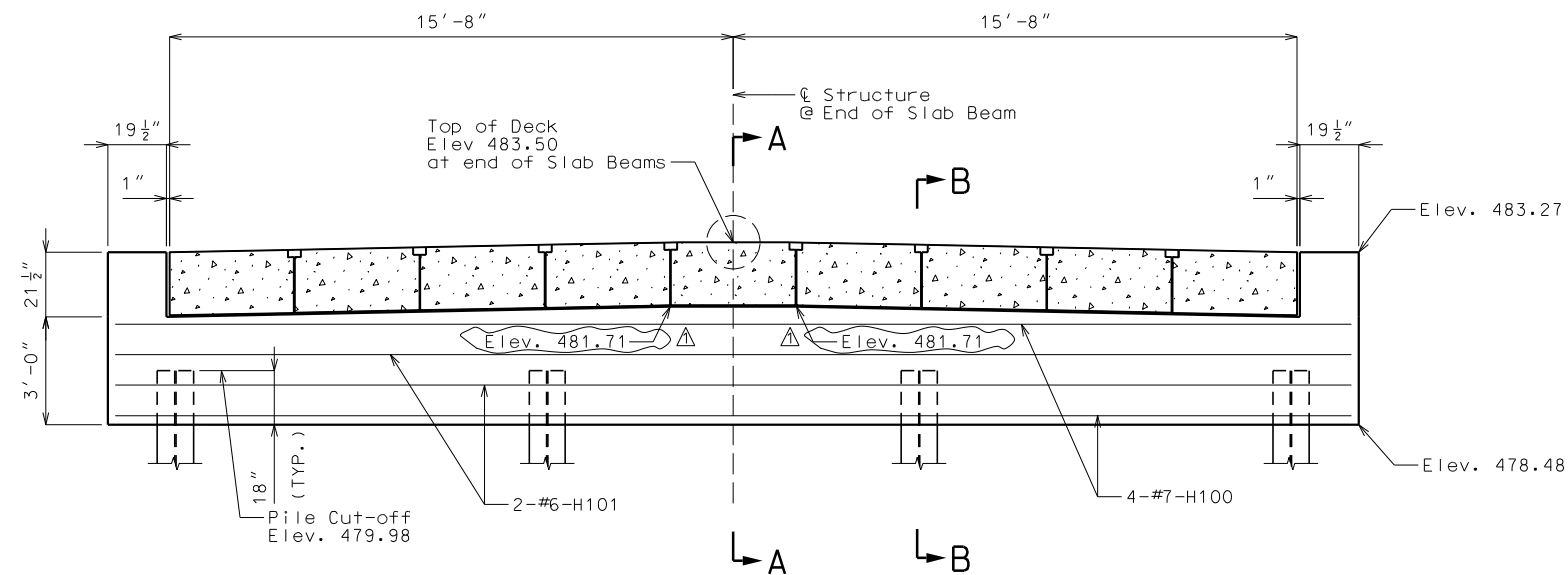
GRADING AND EROSION CONTROL PLAN

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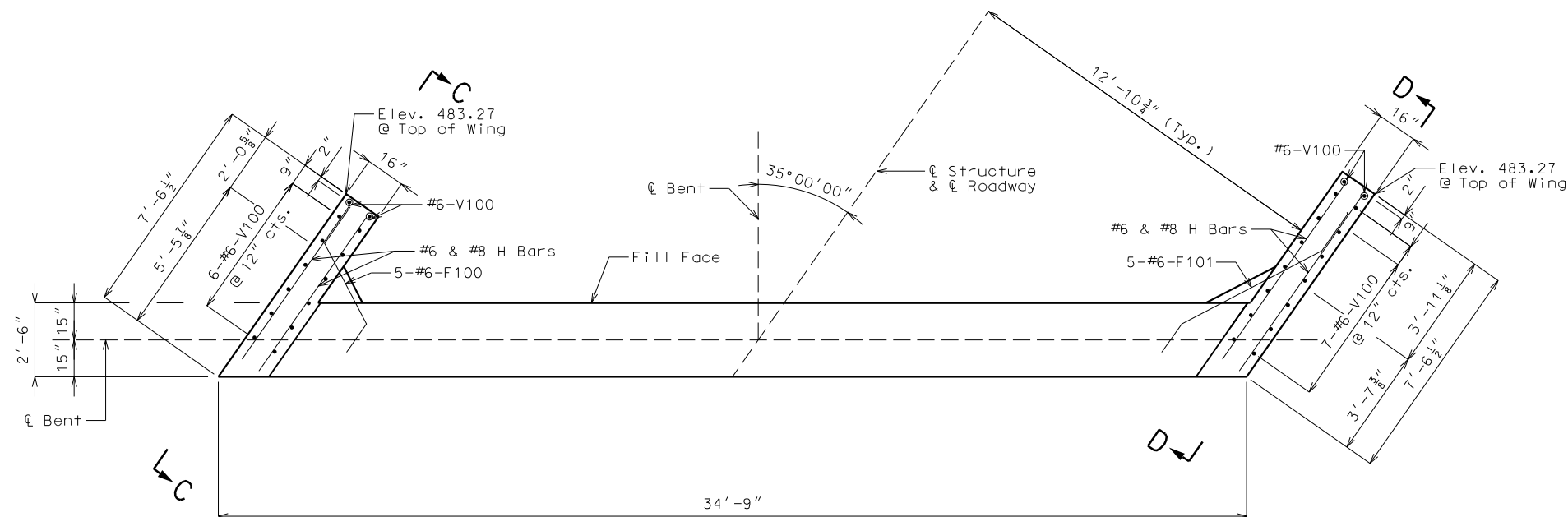
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SHEET NUMBER:

C4





SECTION NEAR END BENT



PART PLAN

General Notes:

Work this sheet with Sheets No. S3 & S5.

For Section A-A, B-B & C-C and Elevation D-D & E-E, see Sheet No. S6.

DETAILS OF END BENT NO. 1

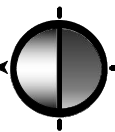
Detailed FEBRUARY 2022  
Checked MARCH 2022

Note: This drawing is not to scale. Follow dimensions.

Sheet No. S4 of S12

Z:\Shared\Projects\4529 - Pike County CR 318 and CR 103 - SM Bridges\11) Drawings\CR 103 DGNs\S4\_Detail of End Bent No.1.dgn

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No.	Revision/Issue	Date
1	ADDENDUM #1	4-15-22
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MELISSA M. MASSAR  
MO# PE-2018000237

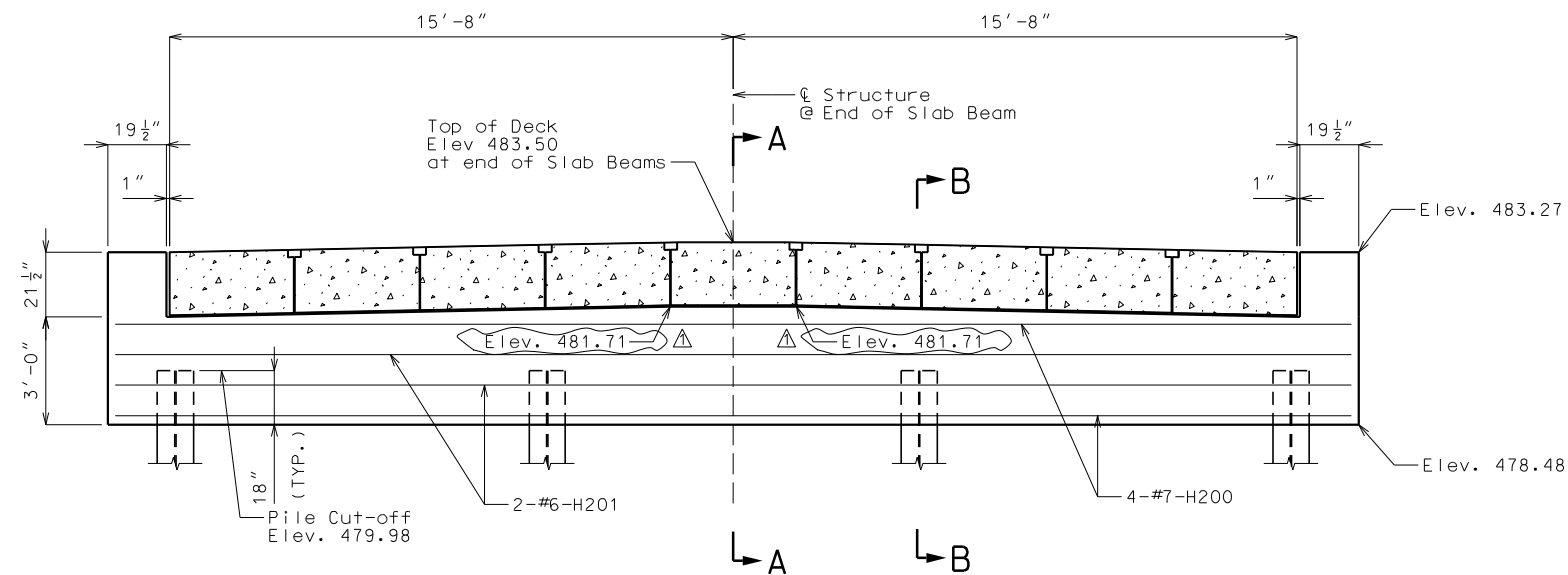
COUNTY ROAD 103 BRIDGE #00700211  
PIKE COUNTY, MISSOURI

DETAILS OF END BENT NO. 1

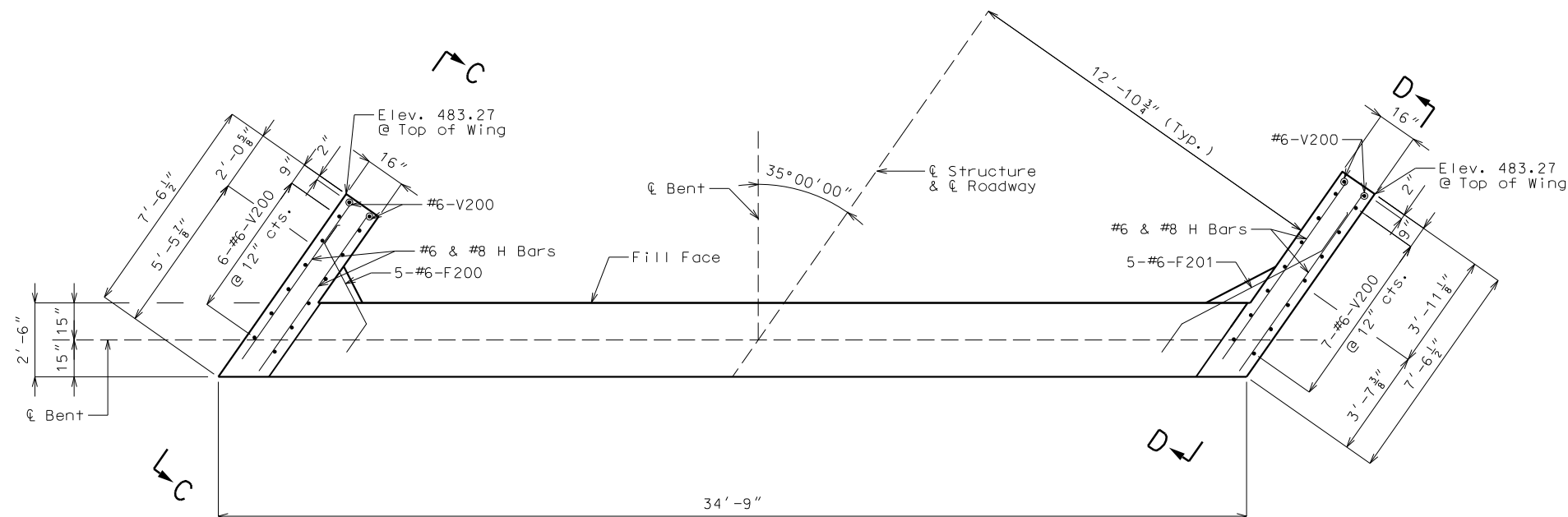
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JOB NUMBER: 4529
SHEET NUMBER:

S4

4/11/2022



SECTION NEAR END BENT



PART PLAN

General Notes:  
 Work this sheet with Sheets No. S6 & S8.  
 For Section A-A, B-B & C-C and Elevation D-D & E-E, see Sheet No. S8.

## DETAILS OF END BENT NO. 2

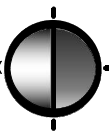
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Sheet No. S7 of S12

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1	ADDENDUM #1	4-15-22
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 PIKE COUNTY, MISSOURI

DETAILS OF END BENT NO. 2

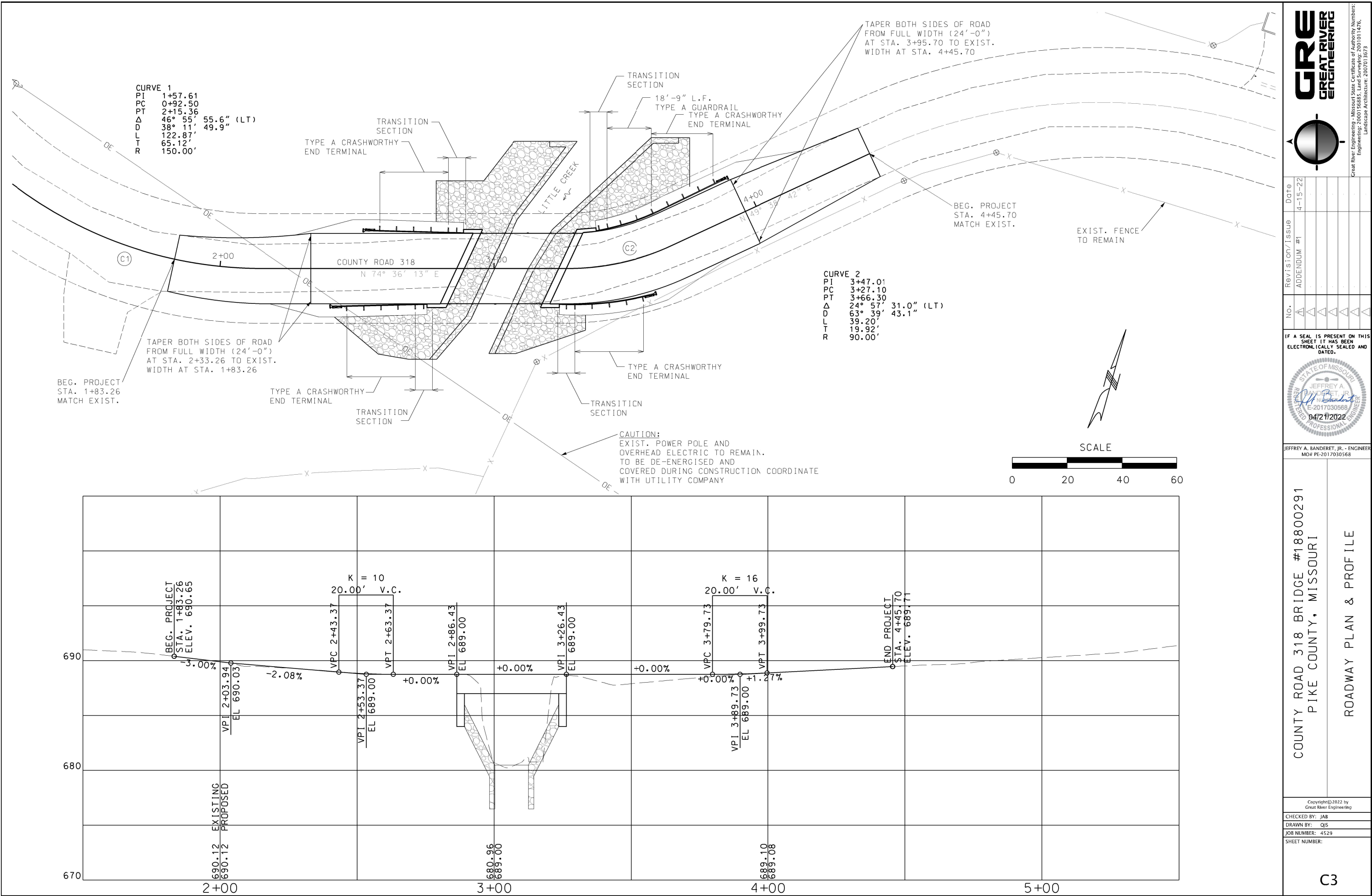
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S7

4/11/2022







Revision/Issue	Date
ADDENDUM #1	4-15-22

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A					

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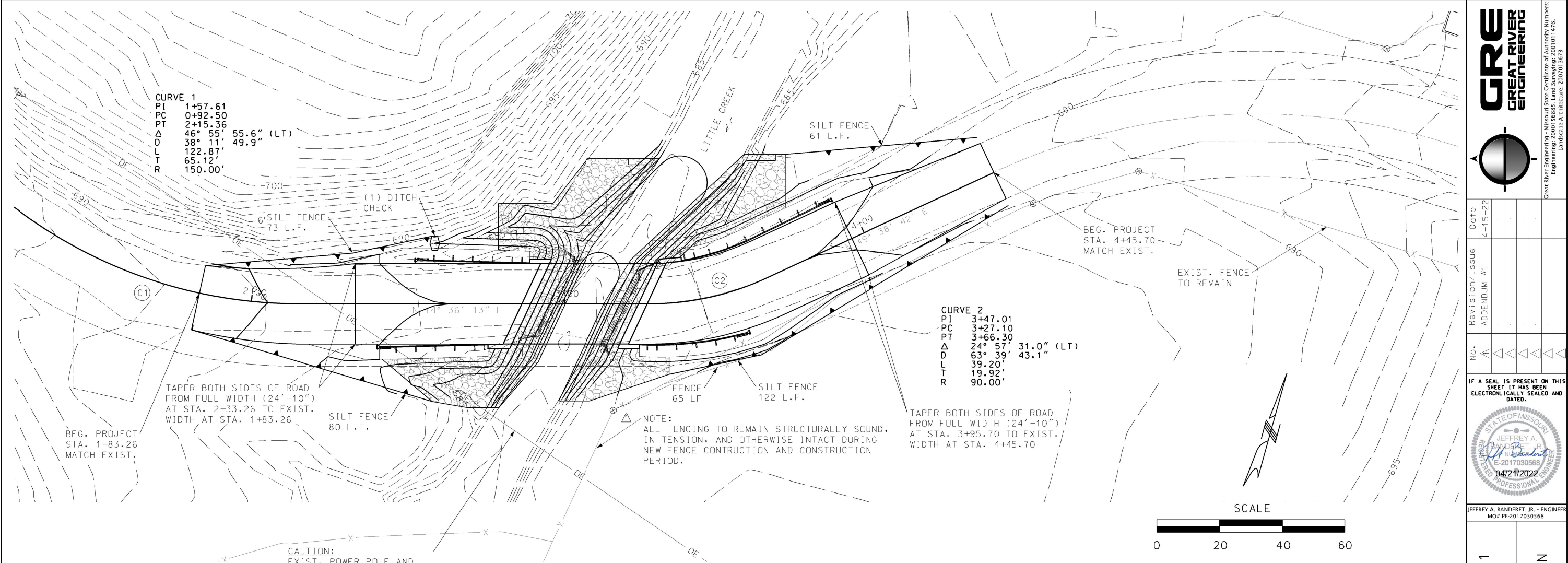
COUNTY ROAD 318 BRIDGE #18800291  
PIKE COUNTY, MISSOURI

ROADWAY PLAN & PROFILE

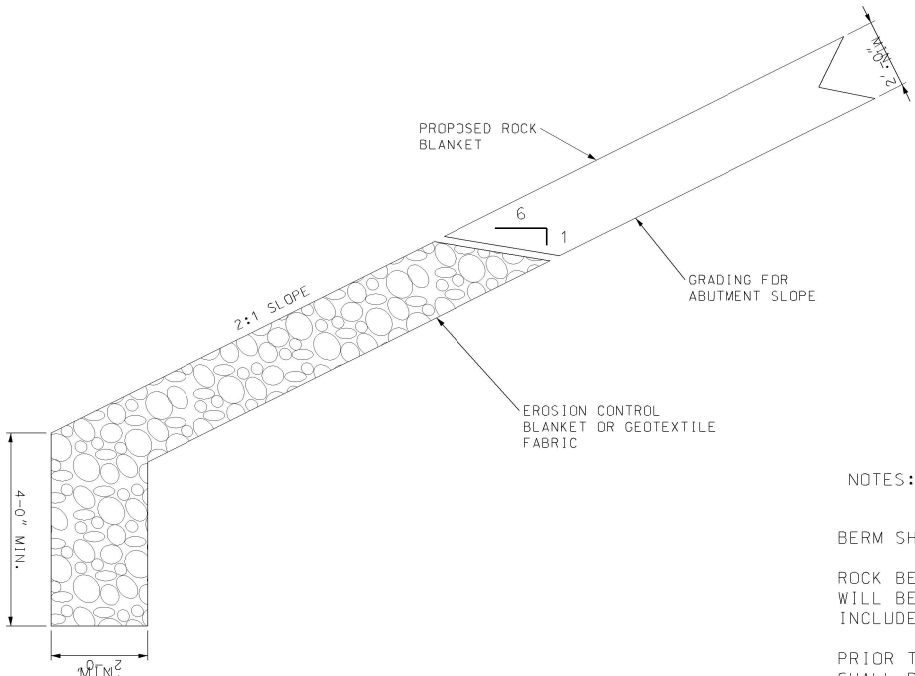
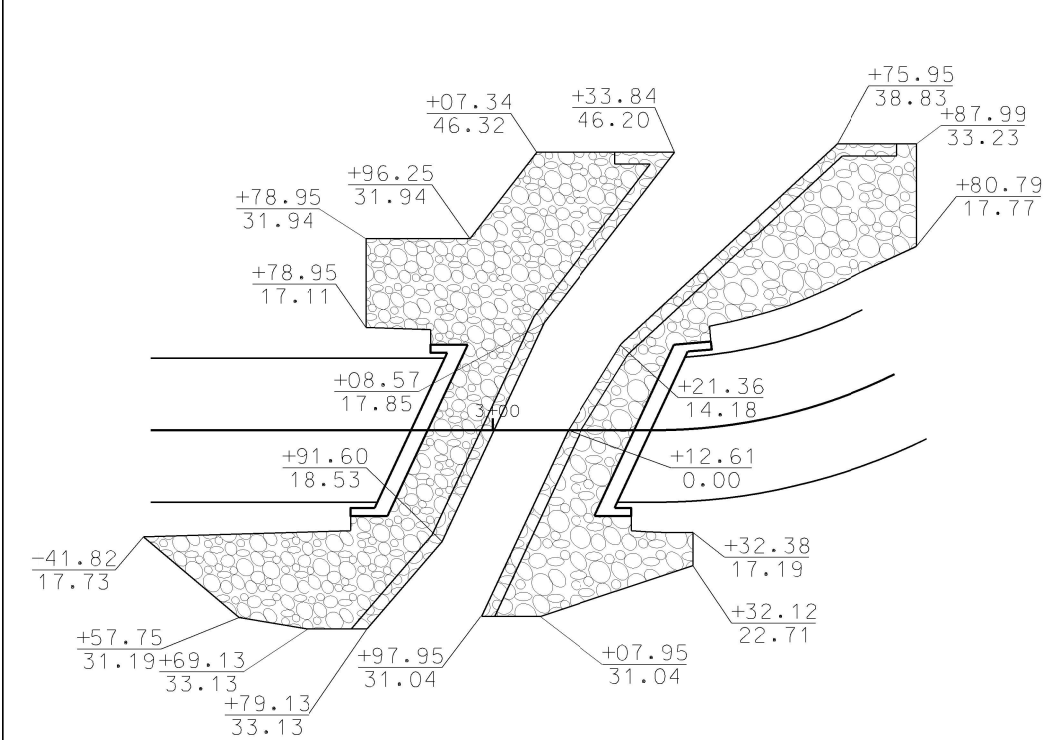
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C3



GRADING AND EROSION CONTROL PLAN



ROCK BERM

NOTES:

BERM SHALL BE BUILT TO HANDLE SIGNIFICANT RUN-OFF EVENTS.

ROCK BERM SHALL BE PLACED AT THE BEGINNING OF CONSTRUCTION AND WILL BE INCORPORATED INTO THE ROCK BLANKET. COST SHALL BE INCLUDED IN THE UNIT PRICE FOR THE TYPE 2 ROCK BLANKET.

PRIOR TO FINAL PLACEMENT OF TYPE 2 ROCK BLANKET, CONTRACTOR SHALL REMOVE GEOTEXTILE FABRIC AND ANY SILT BUILDUP ALONG TOP OF ROCK BERM. ALL WORK NECESSARY FOR REMOVAL SHALL BE INCIDENTAL TO BID ITEM TYPE 2 ROCK BLANKET.

Revision/Issue	Date
ADDENDUM #1	4-15-22

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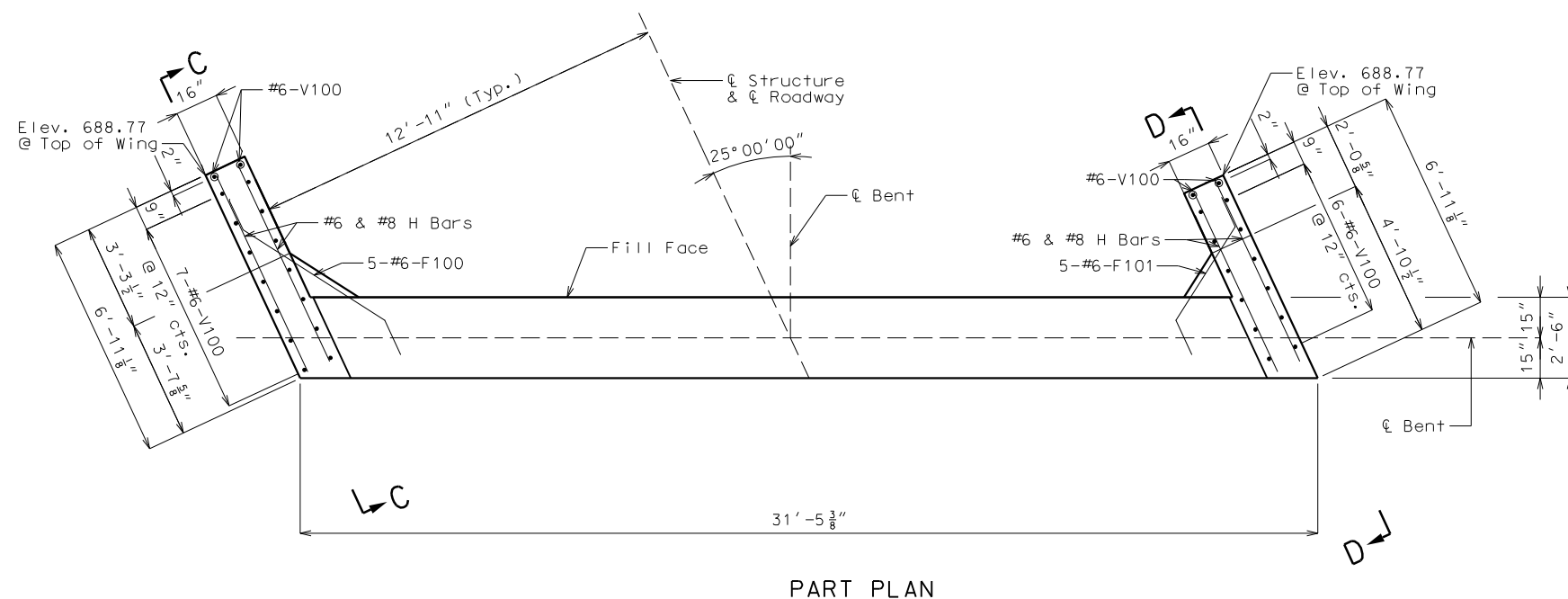
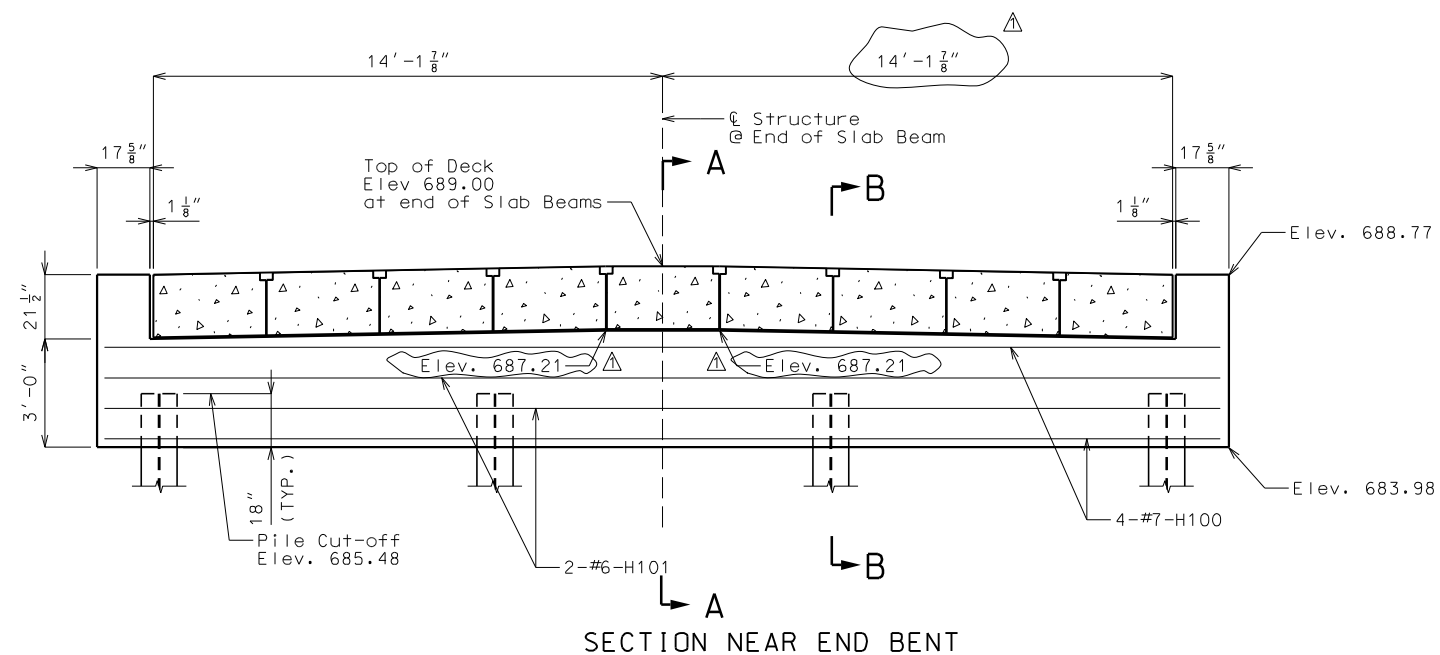
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COUNTY ROAD 318 BRIDGE #18800291  
PIKE COUNTY, MISSOURI

GRADING AND EROSION CONTROL PLAN

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SHEET NUMBER:

C4



General Notes:

Work this sheet with Sheets No. S3 & S5.

For Section A-A, B-B & C-C and Elevation D-D & E-E, see Sheet No. S5.

## DETAILS OF END BENT NO. 1

Detailed FEBRUARY 2022  
Checked MARCH 2022

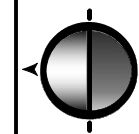
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Sheet No. S4 of S12

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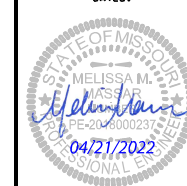
S4

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No.	Revision/Issue	Date
1	ADDENDUM #1	4-15-22
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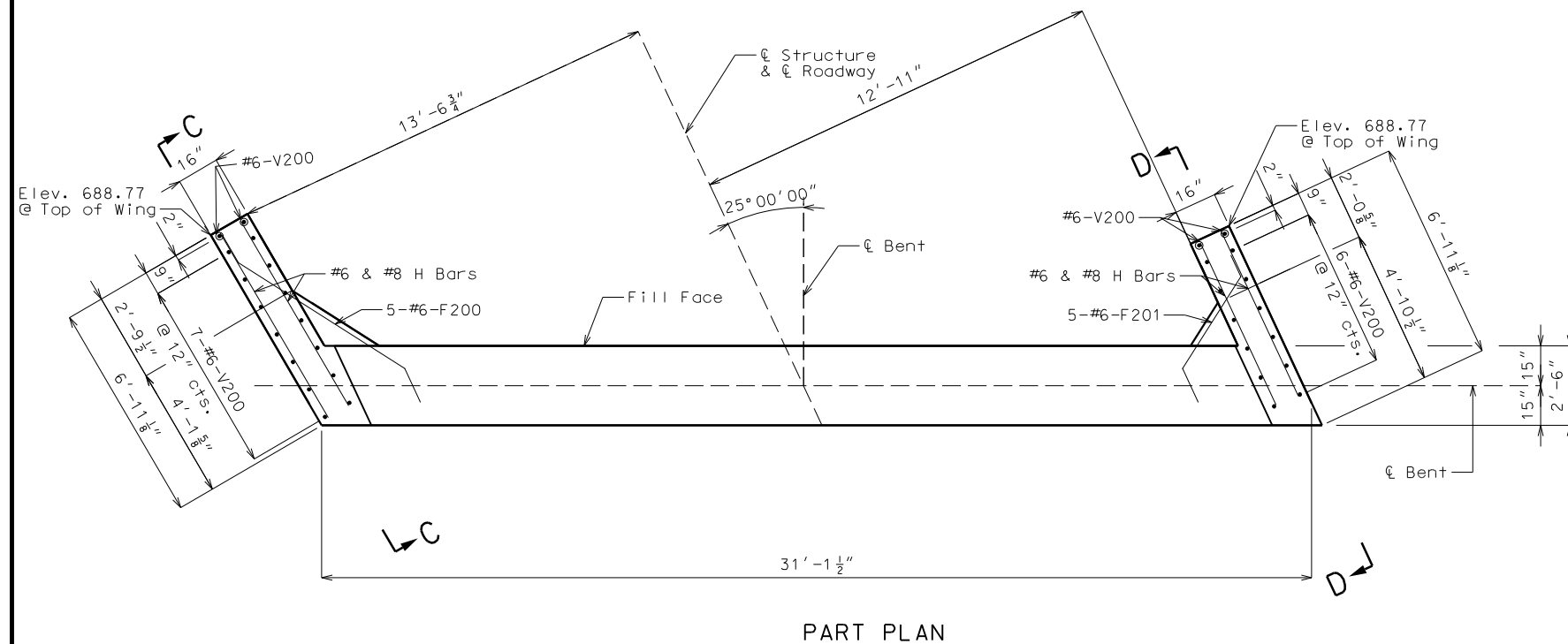
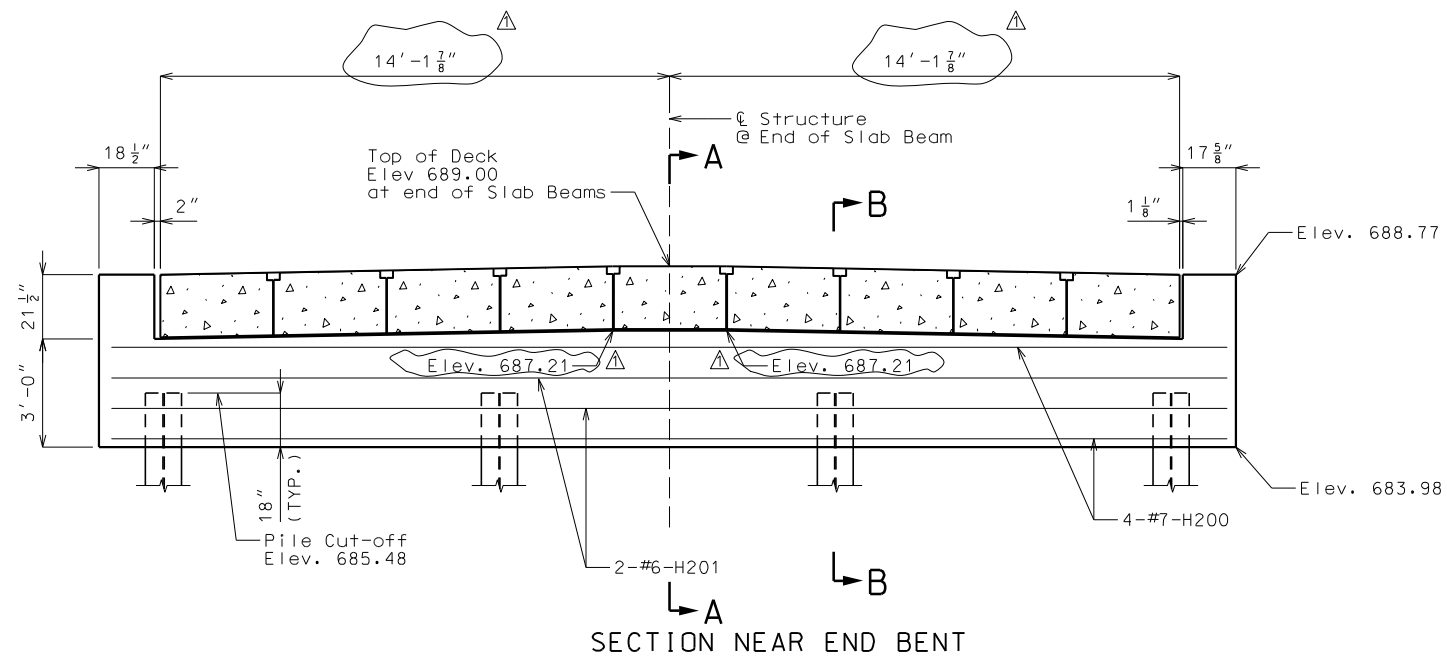
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COUNTY ROAD 318 BRIDGE #18800291  
PIKE COUNTY, MISSOURI  
DETAILS OF END BENT NO. 1

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General Notes:

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For Section A-A, B-B & C-C and Elevation D-D & E-E, see Sheet No. S8.

## DETAILS OF END BENT NO. 2

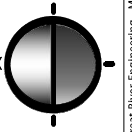
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Sheet No. S7 of S12

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Great River Engineering - Missouri State Certificate of Authority Numbers:  
Engineering: 2000156885, Land Surveying: 2001011476,  
Landscape Architecture: 2007013673

No.	Revision/Issue	Date
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PIKE COUNTY, MISSOURI

DETAILS OF END BENT NO. 2

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SHEET NUMBER:

S7

4/11/2022



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ADDRESS LINE 2: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

EMAIL: \_\_\_\_\_

Pike County  
CR 318 & CR 103  
Option 1 Bidding

DATE: \_\_\_\_\_

### ITEMIZED BID FORM

LINE	ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	AMOUNT
County Road 318 Bridge #18800291						
<b>ROADWAY ITEMS</b>						
1	201	CLEARING AND GRUBBING	ACRE	0.1	_____	_____
2	203	UNCLASSIFIED EXCAVATION (ROADWAY)	C.Y.	64	_____	_____
3	203	EMBANKMENT IN PLACE W/COMPACTION	C.Y.	98	_____	_____
4	304	TYPE 1 AGGREGATE FOR BASE (5 IN. THICK)	S.Y	712	_____	_____
5	606	GUARDRAIL TYPE A	L.F.	18.75	_____	_____
6	606	TYPE A CRASHWORTHY END TERMINAL (MASH)	EACH	4	_____	_____
7	606	ASYMETRICAL TRANSITION SECTION, 6.5 FT. POSTS	EACH	4	_____	_____
8	607	WOVEN WIRE FENCE	L.F.	65	_____	_____
9	611	TYPE 2 ROCK BLANKET	C.Y.	306	_____	_____
<b>ROADWAY ITEMS SUBTOTAL</b>						_____
<b>SIGNAGE &amp; EROSION CONTROL ITEMS</b>						
10	616	CONSTRUCTION SIGNS	S.F.	63	_____	_____
11	616	TYPE III MOVEABLE BARRICADE WITH LIGHT	EACH	4	_____	_____
12	618	MOBILIZATION	L.S.	1	_____	_____
13	805	SEEDING	ACRE	0.1	_____	_____
14	806	SILT FENCE	L.F.	336	_____	_____
15	806	ROCK DITCH CHECK	EACH	1	_____	_____
<b>SIGNAGE &amp; EROSION CONTROL ITEMS SUBTOTAL</b>						_____
<b>BRIDGE ITEMS</b>						
16	206	CLASS 1 EXCAVATION	C.Y.	50	_____	_____
17	216	REMOVAL OF BRIDGES	L.S.	1	_____	_____
18	702	GALVANIZED STRUCTURAL STEEL PILES (12 IN)	L.F.	96	_____	_____
19	702	PILE POINT REINFORCEMENT	EACH	8	_____	_____
20	702	PRE-BORE FOR PILING	L.F.	80	_____	_____
21	703	CLASS B CONCRETE (SUBSTRUCTURE)	EACH	23.6	_____	_____
22	706	REINFORCING STEEL (BRIDGES)	LBS	3480	_____	_____
23	713	BRIDGE GUARD RAIL (THRIE BEAM)	L.F.	92	_____	_____
24	716	PLAIN NEOPRENE BEARING PAD	L.F.	58	_____	_____
<b>BRIDGE ITEMS SUBTOTAL</b>						_____
<b>COUNTY ROAD 318 SUBTOTAL</b>						_____



Pike County  
CR 318 & CR 103  
Option 1 Bidding

CONTRACTOR NAME: \_\_\_\_\_

ADDRESS LINE 1: \_\_\_\_\_

ADDRESS LINE 2: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

EMAIL: \_\_\_\_\_

DATE: \_\_\_\_\_

### ITEMIZED BID FORM

LINE	ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	AMOUNT
County Road 103 #0070021						
<b>ROADWAY ITEMS</b>						
1	201	CLEARING AND GRUBBING	ACRE	0.1	_____	_____
2	203	UNCLASSIFIED EXCAVATION (ROADWAY)	C.Y.	56	_____	_____
3	203	EMBANKMENT IN PLACE W/COMPACTION	C.Y.	96	_____	_____
4	304	TYPE 1 AGGREGATE FOR BASE (5 IN. THICK)	S.Y.	903	_____	_____
5	606	TYPE A CRASHWORTHY END TERMINAL (MASH)	EACH	4	_____	_____
6	606	ASYMETRICAL TRANSITION SECTION, 6.5 FT. POSTS	EACH	4	_____	_____
7	607	WOVEN WIRE FENCE	L.F.	25	_____	_____
8	611	TYPE 2 ROCK BLANKET	C.Y.	312	_____	_____
<b>ROADWAY ITEMS SUBTOTAL</b>						_____
<b>SIGNAGE &amp; EROSION CONTROL ITEMS</b>						
9	616	CONSTRUCTION SIGNS	S.F.	63	_____	_____
10	616	TYPE III MOVEABLE BARRICADE WITH LIGHT	EACH	4	_____	_____
11	618	MOBILIZATION	L.S.	1	_____	_____
12	805	SEEDING	ACRE	0.1	_____	_____
13	806	SILT FENCE	L.F.	392	_____	_____
14	806	ROCK DITCH CHECK	EACH	2	_____	_____
<b>SIGNAGE &amp; EROSION CONTROL ITEMS SUBTOTAL</b>						_____
<b>BRIDGE ITEMS</b>						
15	206	CLASS 1 EXCAVATION	C.Y.	60	_____	_____
16	216	REMOVAL OF BRIDGES	L.S.	1	_____	_____
17	702	GALVANIZED STRUCTURAL STEEL PILES (12 IN)	L.F.	480	_____	_____
18	702	PILE POINT REINFORCEMENT	EACH	8	_____	_____
19	703	CLASS B CONCRETE (SUBSTRUCTURE)	EACH	25.8	_____	_____
20	706	REINFORCING STEEL (BRIDGES)	LBS	3760	_____	_____
21	713	BRIDGE GUARD RAIL (THRIE BEAM)	L.F.	92	_____	_____
22	716	PLAIN NEOPRENE BEARING PAD	L.F.	64	_____	_____
<b>BRIDGE ITEMS SUBTOTAL</b>						_____
<b>COUNTY ROAD 103 SUBTOTAL</b>						_____
<b>TOTAL COMBINED CONTRACT</b>						_____

Addenda

Signature

- 1 \_\_\_\_\_
- 2 \_\_\_\_\_
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CONTRACTOR NAME: \_\_\_\_\_

ADDRESS LINE 1: \_\_\_\_\_

ADDRESS LINE 2: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

EMAIL: \_\_\_\_\_

Pike County  
County Road 318 Bridge #18800291  
Option 2 Bidding

DATE: \_\_\_\_\_

**ITEMIZED BID FORM**

LINE	ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	AMOUNT
<b>ROADWAY ITEMS</b>						
1	201	CLEARING AND GRUBBING	ACRE	0.1	_____	_____
2	203	UNCLASSIFIED EXCAVATION (ROADWAY)	C.Y.	64	_____	_____
3	203	EMBANKMENT IN PLACE W/COMPACTION	C.Y.	98	_____	_____
4	304	TYPE 1 AGGREGATE FOR BASE (5 IN. THICK)	S.Y	712	_____	_____
6	606	TYPE A CRASHWORTHY END TERMINAL (MASH)	EACH	4	_____	_____
7	606	ASYMETRICAL TRANSITION SECTION, 6.5 FT. POSTS	EACH	4	_____	_____
8	607	WOVEN WIRE FENCE	L.F.	65	_____	_____
9	611	TYPE 2 ROCK BLANKET	C.Y.	306	_____	_____
<b>ROADWAY ITEMS SUBTOTAL</b>						_____
<b>SIGNAGE &amp; EROSION CONTROL ITEMS</b>						
10	616	CONSTRUCTION SIGNS	S.F.	63	_____	_____
11	616	TYPE III MOVEABLE BARRICADE WITH LIGHT	EACH	4	_____	_____
12	618	MOBILIZATION	L.S.	1	_____	_____
13	805	SEEDING	ACRE	0.1	_____	_____
14	806	SILT FENCE	L.F.	336	_____	_____
15	806	ROCK DITCH CHECK	EACH	1	_____	_____
<b>SIGNAGE &amp; EROSION CONTROL ITEMS SUBTOTAL</b>						_____
<b>BRIDGE ITEMS</b>						
16	206	CLASS 1 EXCAVATION	C.Y.	50	_____	_____
17	216	REMOVAL OF BRIDGES	L.S.	1	_____	_____
18	702	GALVANIZED STRUCTURAL STEEL PILES (12 IN)	L.F.	96	_____	_____
19	702	PILE POINT REINFORCEMENT	EACH	8	_____	_____
20	702	PRE-BORE FOR PILING	L.F.	80	_____	_____
21	703	CLASS B CONCRETE (SUBSTRUCTURE)	EACH	23.6	_____	_____
22	706	REINFORCING STEEL (BRIDGES)	LBS	3480	_____	_____
23	713	BRIDGE GUARD RAIL (THRIE BEAM)	L.F.	92	_____	_____
24	716	PLAIN NEOPRENE BEARING PAD	L.F.	58	_____	_____
<b>BRIDGE ITEMS SUBTOTAL</b>						_____
<b>TOTAL CONTRACT</b>						_____

Addenda

Signature

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- 2 \_\_\_\_\_
- 3 \_\_\_\_\_



CONTRACTOR NAME: \_\_\_\_\_

ADDRESS LINE 1: \_\_\_\_\_

ADDRESS LINE 2: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

EMAIL: \_\_\_\_\_

Pike County  
County Road 103 #0070021  
Option 2 Bidding

DATE: \_\_\_\_\_

**ITEMIZED BID FORM**

LINE	ITEM	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	AMOUNT
<b>ROADWAY ITEMS</b>						
1	201	CLEARING AND GRUBBING	ACRE	0.1	_____	_____
2	203	UNCLASSIFIED EXCAVATION (ROADWAY)	C.Y.	56	_____	_____
3	203	EMBANKMENT IN PLACE W/COMPACTION	C.Y.	96	_____	_____
4	304	TYPE 1 AGGREGATE FOR BASE (5 IN. THICK)	S.Y	903	_____	_____
5	606	TYPE A CRASHWORTHY END TERMINAL (MASH)	EACH	4	_____	_____
6	606	ASYMETRICAL TRANSITION SECTION, 6.5 FT. POSTS	EACH	4	_____	_____
7	607	WOVEN WIRE FENCE	L.F.	25	_____	_____
8	611	TYPE 2 ROCK BLANKET	C.Y.	312	_____	_____
<b>ROADWAY ITEMS SUBTOTAL</b>						_____
<b>SIGNAGE &amp; EROSION CONTROL ITEMS</b>						
9	616	CONSTRUCTION SIGNS	S.F.	63	_____	_____
10	616	TYPE III MOVEABLE BARRICADE WITH LIGHT	EACH	4	_____	_____
11	618	MOBILIZATION	L.S.	1	_____	_____
12	805	SEEDING	ACRE	0.1	_____	_____
13	806	SILT FENCE	L.F.	392	_____	_____
14	806	ROCK DITCH CHECK	EACH	2	_____	_____
<b>SIGNAGE &amp; EROSION CONTROL ITEMS SUBTOTAL</b>						_____
<b>BRIDGE ITEMS</b>						
15	206	CLASS 1 EXCAVATION	C.Y.	60	_____	_____
16	216	REMOVAL OF BRIDGES	L.S.	1	_____	_____
17	702	GALVANIZED STRUCTURAL STEEL PILES (12 IN)	L.F.	480	_____	_____
18	702	PILE POINT REINFORCEMENT	EACH	8	_____	_____
19	703	CLASS B CONCRETE (SUBSTRUCTURE)	EACH	25.8	_____	_____
20	706	REINFORCING STEEL (BRIDGES)	LBS	3760	_____	_____
21	713	BRIDGE GUARD RAIL (THRIE BEAM)	L.F.	92	_____	_____
22	716	PLAIN NEOPRENE BEARING PAD	L.F.	64	_____	_____
<b>BRIDGE ITEMS SUBTOTAL</b>						_____
<b>TOTAL CONTRACT</b>						_____

Addenda

Signature

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