

INVITATION TO BID
Pre-Cast Concrete Bridge Components – BIN 021890 - Str. No. 22

Covington County is accepting sealed bids to furnish and deliver new pre-cast concrete bridge components for BIN 021890, Str. No. 22 as identified in this bid package.

THE BID PACKAGE

The Bid Package includes:

1. Invitation to bid
2. Bid Schedule
3. Bid Submittal Form.
4. Site Map
5. Bridge Elevation Sheet

Bidders should verify that they have received all pages of the bid package. Bidders should contact the Covington County Engineers Office to request any missing pages. The Bidder is responsible to request missing pages in sufficient time to prepare and submit their bid per the submittal schedule. Bidders should carefully read and comply with all parts of the bid package, including all attachments and/or any addendum.

PREPARING AND SUBMITTING BIDS

Sealed bids will be received at the office of the Covington County Commission until 11 AM. on Monday, September 9, 2024. Bids may be hand delivered to the Commission Office located at 260 Hillcrest Drive, or be mailed to the following address:

Covington County Commission
Attention: Karen Lawson Sowell, Administrator
P.O. Box 188
Andalusia, Alabama 36420

All bids must be sealed and clearly marked on the outside of the envelope, **“BID FOR PRECAST CONCRETE BRIDGE COMPONENTS – Str. No. 22”**. Response shall be typed or handwritten in ink on the attached Bid Submittal Form and Bid Schedule. The completed Bid Submittal Form shall be placed in front of the other documents included in the bid packet, such that it will be the first document viewed upon opening the bid packet. Bids submitted in pencil and bids not submitted on the provided Bid Submittal Form and Bid Submittal Specifications will **not** be considered. Facsimiles and e-mails will not be accepted. Bids submitted by “Express/Overnight” services must be in a separate inner envelope or package sealed and identified as stated above. All bids must be received in the County Administrator office prior to the bid opening. Bids received after the deadline will not be accepted.

BID SPECIFICATIONS

All precast components shall be in accordance with the current edition of the Alabama Department of Transportation Standard Specifications. Test reports shall be furnished to the County Engineer and/or his designated agent upon delivery of components.

All prices shall include necessary hardware to install all components.

BID AWARD

The Covington County Commission will award the bid at their next regularly scheduled meeting following the bid opening in the Commission Chambers located at 260 Hillcrest Drive, Andalusia, Alabama. Any and all bids submitted in compliance with this invitation to bid shall be considered, and award will be made to the lowest responsible bidder meeting bid specifications as determined by the awarding authority in compliance with Alabama law. All factors contained in each bid package will be evaluated in determining the successful bidder, and any omissions of the stated requirements may be cause for rejection of the bid submitted. The awarding authority reserves the right to reject any and all bids, to waive any informality in bids, and to accept in whole or in part such bid or bids solely at its discretion.

DELIVERY

Bid price shall include cost of complete component delivery FOB to the project located on the included site map. Delivery shall be within fourteen (14) days from date of order unless otherwise specified. Modified components will have an additional seven (7) days for delivery.

TAX EXEMPT

Covington County is a tax exempt from Alabama sale and use tax therefore taxes shall not be included in bid proposal.

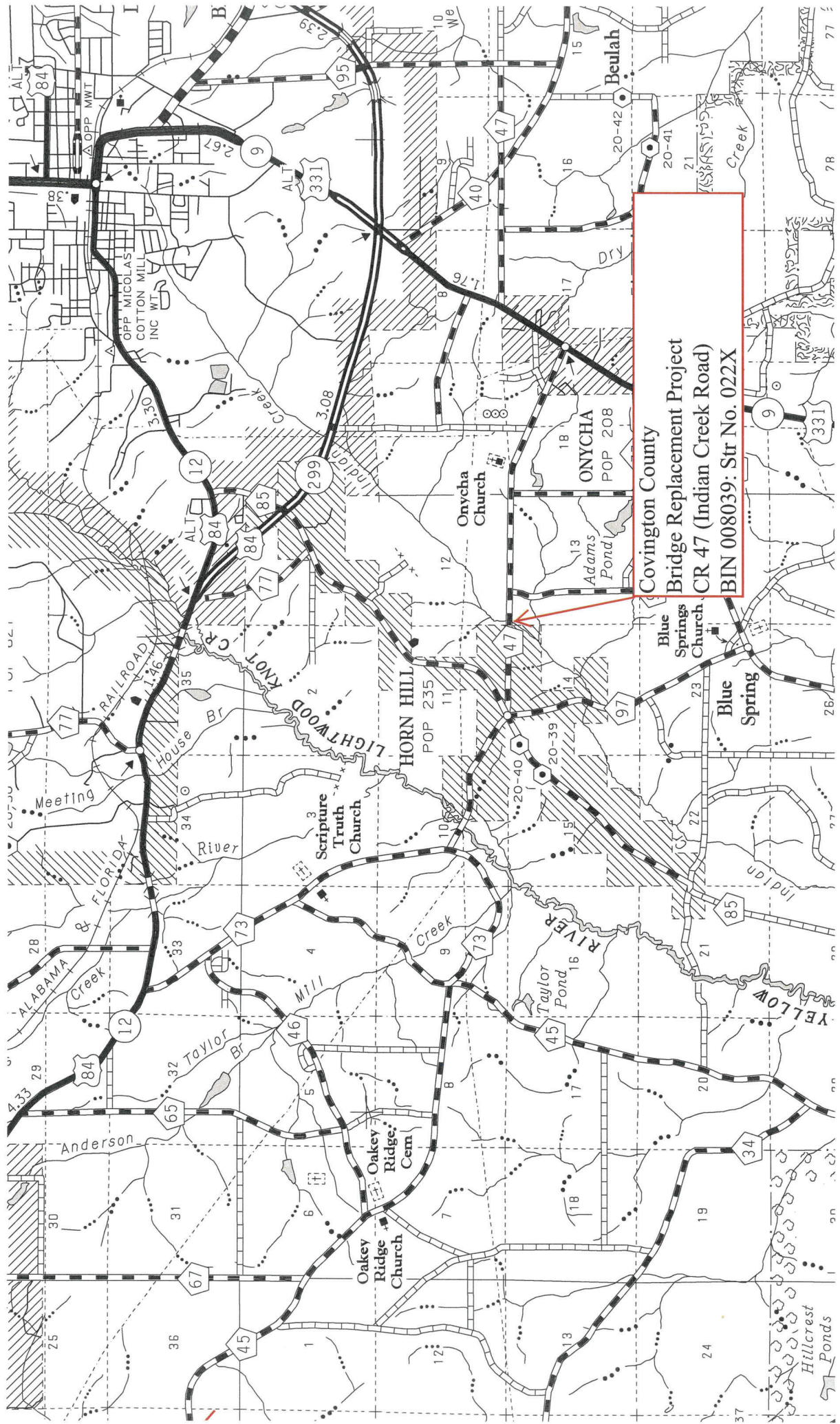
CONTACT REGARDING BIDS AND INVITATION

Contact initiated by a potential bidder with any county official or county employee shall only be as specifically set out in this Invitation to Bid. Any questions related to the bid shall be directed to County Engineers Office staff in writing under the procedures set out in this Invitation to Bid. There shall be no communication with any county official or county employee regarding this bid between the date of this invitation and the date of bid award. Any contact other than as set out here shall be deemed as an attempt to unduly influence the bid award and shall be grounds for rejection of the bid submitted by the bidder initiating such other contact.

Any questions or problems related to downloading or obtaining copies of this Invitation to Bid should be directed to Ron Weidler.

Any other questions or requests for additional information regarding this invitation or the bid specifications shall be submitted via email no later than 5PM CST, Friday, August 23, 2024.

Ron Weidler
Covington County Engineers Office
201 Hillcrest Drive
Andalusia, Alabama 36420
Fax Number (334) 428-2694
E-mail: ron.weidler@covcounty.com



Covington County
Bridge Replacement Project
CR 47 (Indian Creek Road)
BIN 008039: Str No. 022X

PRE-CAST BRIDGE COMPONENTS - BIN NA - STR NO. 22
UNIT PRICE BID SCHEDULE

Drawing No.	Description	QTY	Unit	Unit Price	Total
PCP-2400	Wire rope abutment anchor assembly	2	Ea	_____	_____
PCA-2840 / PCB-2840	Elastomeric bearings, Type 1	44	Ea	_____	_____
PCA-2840	Precast concrete abutment caps, 2'-0" wide x 1'-8" deep x 33'-0" long	2	Ea	_____	_____
PCB-2840	Precast concrete intermediate bent caps, 2'-0" wide x 2'-0" deep x 31'-6" long	1	Ea	_____	_____
PCB-2840-1	Precast concrete intermediate bent caps, 2'-0" wide x 2'-0" deep x 31'-6" long (7" Step)	1	Ea	_____	_____
PC-40	Precast concrete Type 1 span section, 3'-6" wide by 2'-0" deep by 39'-11 3/4" long	12	Ea	_____	_____
PC 40	Precast concrete Type 2C span section, 3'-6" wide by 2'-0" deep by 39'-11 3/4" long	4	Ea	_____	_____
PC-24	Precast concrete Type 1 span section, 3'-6" wide by 1'-5" deep by 24'-0" long	6	Ea	_____	_____
PC-24	Precast concrete Type 2C span section, 3'-6" wide by 1'-5" deep by 24'-0" long	2	Ea	_____	_____
PCBR-1 (24)	Precast concrete barrier rail end section, 24'-0" long	2	Ea	_____	_____
PCBR-1 (40)	Precast concrete barrier rail intermediate section, 39'-11" long	2	Ea	_____	_____
PCBR-1 (40)	Precast concrete barrier rail end section, 39'-11" long	2	Ea	_____	_____
PCP-2800	Precast concrete abutment panels, Type A3, 7'-4" long	16	Ea	_____	_____
PCP-2800	Precast concrete wing panels, Type W3	8	Ea	_____	_____
PCP-2800	Precast concrete abutment wing cap panel	4	Ea	_____	_____
				Total	_____

Signature of company representative submitting bid

Bidders Notes:

- 1). This bid is for delivered precast bridge components only.
- 2). All components should be designed for HS-20 Loading
- 3). Bid shall include all necessary hardware

BID FORM
Pre-Cast Concrete Bridge Components – BIN 021890 - Str. No. 22

Company Name: _____

Address: _____

Bid Submitted by: _____
(Name of company representative)

Title: _____

e-mail address: _____

Phone: _____

Total: _____

By submitting this bid, we agree: (Initial)

That the materials identified above meets the bid specs for this bid item. _____

That the company representative listed above will be the contact person for purchasing this bid item. _____

We hereby affirm we have not been in any agreement or collusion among bidders or prospective bidders in restraint of freedom of competition, by agreement to bid at a fixed price or to refrain from bidding otherwise. _____

(Signature of company representative submitting bid)

NOTARY: _____

COMMISSION EXPIRES: _____

(SEAL)

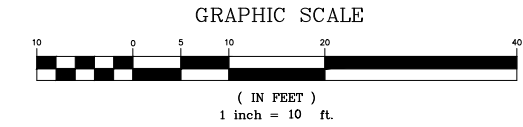
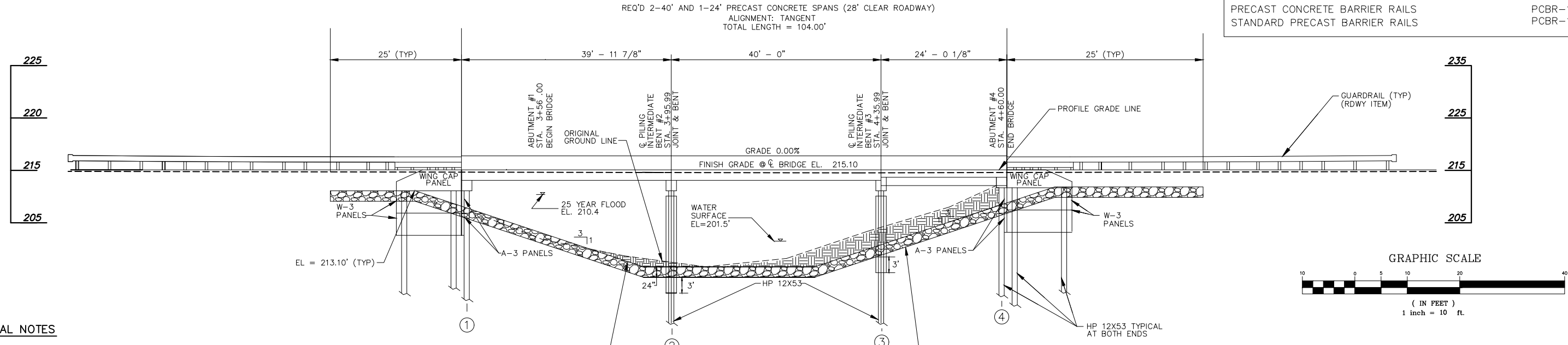
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
CCP 20-402-23	2024	5

HYDRAULIC DATA

DRAINAGE AREA: 9.1 square miles
DISCHARGE(cfs) WATER SURFACE ELEV.
Q25 = 4135 CFS 210.4
Q50 = 4760 CFS 210.8
Q100= 5390 CFS 211.2
Q200= 6055 CFS 211.5
Q500= 6960 CFS 212
OPENING PROVIDED = 1230 SQ. FT.
V25 = 5.1 FT/SEC

BRIDGE ELEVATION SHEET

REQUIRED	
STANDARD FOR STANDARD DETAILS	I-131
40' PRECAST CONCRETE SPAN	PC-40
PRECAST CONC. & STEEL PILE INT. BENT CAPS	PCB-2840
PRECAST CONC. & STEEL PILE END CAPS	PCA-2840
STANDARD PRECAST BRIDGE SLABS - 24' SPAN	PC-24
PRECAST CONC. ABUTMENT PANELS	PCP-2800
WIRE ROPE ABUT. ANCHOR ASSEMBLIES	PCP-2800
BRIDGE GENERAL NOTES	BGN-1
PRECAST CONCRETE BARRIER RAILS	PCBR-1(40)
STANDARD PRECAST BARRIER RAILS	PCBR-1(24)



SPECIAL NOTES

- ALL PILING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS. TIE BACK AND WING PILES SHALL BE DRIVEN TO REFUSAL OR 20', WHICHEVER IS LESS. THE MINIMUM PENETRATION FOR WING PILES SHALL NOT BE LESS THAN 10' INTO NATURAL GROUND.
- PILE ENCASEMENTS SHALL EXTEND A MINIMUM OF 3 FEET BELOW BOTTOM OF RIP RAP OR AS DIRECTED BY THE ENGINEER.
- THE FURNISHING OF ALL NECESSARY EQUIPMENT AND THE CONSTRUCTION OF ALL SHEETING AND SHORING, CRIBS, COFFERDAMS, CAISSONS, DEWATERING, ETC. WHICH MAY BE NECESSARY FOR THE CONSTRUCTION OF PILE ENCASEMENTS SHALL BE A SUBSIDIARY OBLIGATION OF 510A, BRIDGE SUBSTRUCTURE CONCRETE.
- NO SUBSTITUTIONS OF ALTERNATE SPAN ARRANGEMENTS SHALL BE ALLOWED.
- TEST PILE SHALL BE AT BENT 2, PILE 1 OR AS DIRECTED BY THE ENGINEER.
- ACCESS TO THE FOUNDATION REPORT AND CORE BORINGS CAN BE ARRANGED BY CONTACTING THE COVINGTON COUNTY ENGINEER. ALL CONTRACTOR SUBMITTALS REQUIRING THE REVIEW OF A GEOTECHNICAL ENGINEER SHALL BE REVIEWED BY COVINGTON COUNTY GEOTECHNICAL ENGINEER OF RECORD. THESE SUBMITTALS SHALL INCLUDE:
505.03(D)1 - HAMMER SUBMITTAL.
GEOTECHNICAL ENGINEER OF RECORD (THOMPSON ENGINEERING, MOBILE AL)
- IN AREAS WHERE EXISTING SUBSTRUCTURE IS IN CONFLICT WITH THE NEW FOUNDATION, THE EXISTING FOOTING (INCLUDING PULLING EXISTING PILES) SHALL BE REMOVED PRIOR TO PLACING THE NEW FOUNDATION, THIS SHALL BE PAID FOR UNDER PAY ITEM NO. 206A, (REMOVAL OF OLD BRIDGE)

ESTIMATE OF QUANTITIES			
1	LUMP SUM	206A-000	REMOVAL OF OLD BRIDGE, STA. 3+56.61 TO 4+49.61
XXX	POUND	502A-000	STEEL REINFORCEMENT
2	EACH	505A-002	STEEL TEST PILES (HP 12 X 53)
2	EACH	505B-057	STATIC LOADING TESTS (HP 12 X 53)
XXX	LIN FT	505M-002	STEEL PILING FURNISHED AND DRIVEN (HP 12x53)
2	EACH	507A-000	WIRE ROPE ABUTMENT ANCHOR ASSEMBLY
XXX	CU YD	510A-000	BRIDGE SUBSTRUCTURE CONCRETE, CLASS A
44	EACH	511A-000	ELASTOMERIC BEARING, TYPE 1
2	EACH	512A-014	PRECAST CONCRETE ABUTMENT CAPS, 2'-0" WIDE BY 1'-8" DEEP BY 33'-0" LONG
1	EACH	512B-018	PRECAST CONCRETE INTERMEDIATE BENT CAPS, 2'-0" WIDE BY 2'-0" DEEP BY 31'-6" LONG
1	EACH	512B-026	PRECAST CONCRETE INTERMEDIATE BENT CAPS, 2'-0" WIDE BY 2'-0" DEEP BY 31'-6" LONG (7" STEP)
6	EACH	512C-002	PRECAST CONCRETE TYPE 1 SPAN SECTION, 3'-6" WIDE BY 1'-5" DEEP BY 24' - 0" LONG
2	EACH	512C-006	PRECAST CONCRETE TYPE 2C SPAN SECTION, 3'-6" WIDE BY 1'-5" DEEP BY 24' - 0" LONG
12	EACH	512C-017	PRECAST CONCRETE TYPE 1 SPAN SECTION, 3'-6" WIDE BY 2'-0" DEEP BY 39' - 11 3/4" LONG
4	EACH	512C-025	PRECAST CONCRETE TYPE 2C SPAN SECTION, 3'-6" WIDE BY 2'-0" DEEP BY 39' - 11 3/4" LONG
2	EACH	512D-001	PRECAST CONCRETE BARRIER RAIL END SECTION, 24' - 0" LONG
2	EACH	512D-025	PRECAST CONCRETE BARRIER RAIL INTERMEDIATE SECTION, 39'-11" LONG
2	EACH	512D-030	PRECAST CONCRETE BARRIER RAIL END SECTION, 39'-11 3/8" LONG
16	EACH	512E-014	PRECAST CONCRETE ABUTMENT PANELS, TYPE A3
8	EACH	512F-003	PRECAST CONCRETE WING PANELS, TYPE W3
4	EACH	512G-000	PRECAST CONCRETE ABUTMENT WING CAP PANEL

BRIDGE GENERAL NOTES

STANDARD DRAWING NO. BGN-1
ROADWAY WIDTH 28'-0"

- ①
- ② HS 20-44
- ⑤ ABUT. 28 TONS
BENT. 42 TONS
- ⑧
- ⑨ 1A
- ⑩
- ⑫
- ⑫

I CERTIFY THAT COMPLETE REVIEWS OF THE DESIGNER'S CALCULATIONS, CONTRACT STRUCTURAL DRAWINGS, APPLICABLE SPECIFICATIONS, AND SPECIAL PROVISIONS HAVE BEEN MADE BY COMPETENT ENGINEERS OF THIS ORGANIZATION, AND THAT THESE PLANS ARE ACCURATE, COMPLETE, AND SUITABLE FOR LETTING.

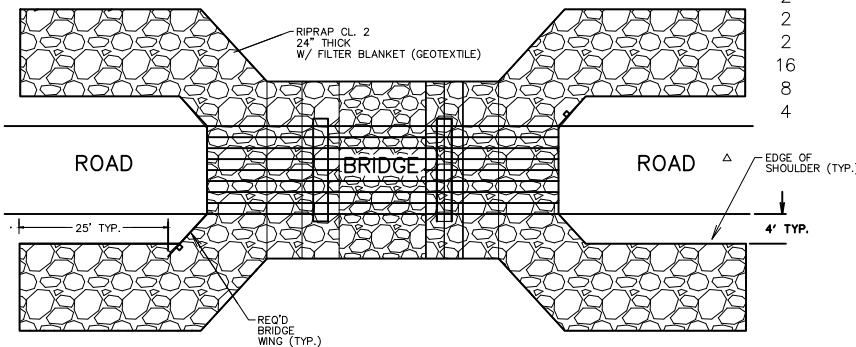
APPROVED: _____ DATE: _____
(Engineer of Record's Signature)

REGISTRATION NO. _____

APPROVED: _____ DATE: _____
(Reviewing Engineer of Record's Signature)

REGISTRATION NO. _____

PILE TIP ELEVATIONS		
LOCATION	RECOMMENDED	MINIMUM
ABUT. 1	X	X
BENT 2	X	X
BENT 3	X	X
ABUT. 4	X	X



SKETCH SHOWING RIP-RAP PLACEMENTS
NTS

NOTES

- PILE ENCASEMENTS SHALL EXTEND FROM 3 FEET BELOW THE BOTTOM OF THE RIPRAP TO WITHIN 1 FOOT OF THE BOTTOM OF THE CAP
- RIP RAP AND FILTER BLANKET SHALL BE PLACED A MINIMUM OF 25 FEET FROM EACH END OF THE ABUTMENT.
- ALL STEEL PILING, INCLUDING WING AND TIEBACK PILING, SHALL BE DRIVEN TO REFUSAL.

ACCEPTED BY:	THESE DRAWINGS REPRESENT DESIGNS PREPARED FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION; AND ARE NOT TO BE COPIED, REPRODUCED, ALTERED, OR USED BY ANYONE, OR ANY ORGANIZATION, WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ALABAMA DEPARTMENT OF TRANSPORTATION REPRESENTATIVE AUTHORIZED TO APPROVE SUCH USE. ANYONE MAKING UNAUTHORIZED USE OF THESE DRAWINGS MAY BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.
BRIDGE ENGINEER	
DATE	

ALABAMA DEPARTMENT OF TRANSPORTATION		
BRIDGE SHEET NO. OF	PROJECT NO. CCP 20-402-23	
REVISIONS	BRIDGE REPLACEMENT - COUNTY ROAD 47 (INDIAN CREEK ROAD) OVER INDIAN CREEK STA. 3+56.00 TO STA. 4+60.00 COVINGTON COUNTY	
ESTIMATED QUANTITIES	DESIGNED BY:	DRAWN BY:
COMPUTED BY:	CHECKED BY:	DATE DRAWN:
VERIFIED BY:	DATE CHECKED:	SCALE:
BIN: 021890		