



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
03110346

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
BUYER 33
304-558-2402

RFQ COPY
TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

DIVISION OF HIGHWAYS
JOBSITE
SEE SPECIFICATIONS

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
03/30/2011				

BID OPENING DATE: **05/04/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		210-16		
<p>CONCRETE BOX BEAMS</p> <p>REQUEST FOR QUOTATION (RFQ)</p> <p>THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF HIGHWAYS, IS SOLICITING BIDS FOR A CONTRACT TO PROVIDE CONCRETE BOX BEAMS FOR BEE FORK (SS) BIRDGE REPLACEMENT, PROJECT S307-5/6-0.01 PER THE ATTACHED SPECIFICATIONS.</p> <p>TECHNICAL QUESTIONS CONCERNING THIS SOLICITATION MUST BE SUBMITTED IN WRITING TO SHERI SLONE IN THE WEST VIRGINIA STATE PURCHASING DIVISION VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS RFQ, VIA FAX AT 304-558-4115, OR VIA EMAIL AT SHERI.D.SLONE@WV.GOV. A WORD DOCUMENT HAS BEEN ATTACHED FOR YOUR CONVENIENCE TO SUBMIT TECHNICAL QUESTIONS. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 04/11/2011 AT THE CLOSE OF BUSINESS. ANY TECHNICAL QUESTIONS RECEIVED WILL BE ANSWERED BY FORMAL ADDENDUM TO BE ISSUED BY THE PURCHASING DIVISION AFTER THE DEADLINE HAS LAPSED.</p> <p>EXHIBIT 10</p> <p>REQUISITION NO.:</p> <p>ADDENDUM ACKNOWLEDGEMENT</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
 2. The State may accept or reject in part, or in whole, any bid.
 3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
 4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
 5. Payment may only be made after the delivery and acceptance of goods or services.
 6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
 7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
 8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
 9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
 10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
 11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
 12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
 13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.htm and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
 14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
 15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
 16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.
- I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).



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<p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NO.'S:</p> <p>NO. 1</p> <p>NO. 2</p> <p>NO. 3</p> <p>NO. 4</p> <p>NO. 5</p> <p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p>..... SIGNATURE</p> <p>..... COMPANY</p> <p>..... DATE</p>						

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TITLE _____ FEIN _____ ADDRESS CHANGES TO BE NOTED ABOVE

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<p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.</p> <p>REV. 09/21/2009</p> <p>PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS</p> <p>1. EXCEPT WHEN AUTHORIZED BY THE DIRECTOR OF THE PURCHASING DIVISION PURSUANT TO SUBSECTION 2 BELOW NO CONTRACTOR MAY USE OR SUPPLY STEEL PRODUCTS FOR A STATE CONTRACT PROJECT OTHER THAN THOSE STEEL PRODUCTS MADE IN THE UNITED STATES. AS USED IN THIS CONTRACT,</p> <p>A. "STATE CONTRACT PROJECT" MEANS ANY ERECTION OR CONSTRUCTION OF, OR ANY ADDITION TO, ALTERATION OF OR OTHER IMPROVEMENT TO ANY BUILDING OR STRUCTURE, INCLUDING, BUT NOT LIMITED TO, ROADS OR HIGHWAYS, OR THE INSTALLATION OF ANY HEATING OR COOLING OR VENTILATING PLANTS OR OTHER EQUIPMENT, OR THE SUPPLY OF AND MATERIALS FOR SUCH PROJECTS, PURSUANT TO A CONTRACT WITH THE STATE OF WEST VIRGINIA FOR WHICH BIDS WERE SOLICITED ON OR AFTER JUNE 6, 2001.</p> <p>B. "STEEL PRODUCTS" MEANS PRODUCTS ROLLED, FORMED, SHAPED, DRAWN, EXTRUDED, FORGED, CAST, FABRICATED OR OTHERWISE SIMILARLY PROCESSED, OR PROCESSED BY A COMBINATION OF TWO OR MORE OF SUCH OPERATIONS, FROM STEEL MADE BY THE OPEN HEARTH, BASIC OXYGEN, ELECTRIC FURNACE, BESSEMER OR OTHER STEEL MAKING PROCESS.</p>						

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<p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: SHERI SLONE - FILE 33</p> <p>RFQ. NO.: 03110346</p> <p>BID OPENING DATE: 05/04/2011</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:</p> <p>-----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY):</p>						

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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT

***** THIS IS THE END OF RFQ 03110346 ***** TOTAL:						

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Specifications

Purpose: To establish a contract to provide the District Three West Virginia Division of Highways with pre-stressed concrete beams and accessories to be used on Project S307-5/6-0.01, Bee Fork Bridge.

1.0 DEFINITIONS

- A. The "Agency" shall be defined as the West Virginia Division of Highways
- B. The "Vendor" shall be defined as the successful bidder.
- C. The "Purchase Order" shall be defined as the binding agreement that is entered into between the State of West Virginia and the Vendor to provide the services as herein specified.
- D. "Mandatory Requirements: The terms "must", "will", "shall", "minimum", "maximum", or "is/are required" identify a mandatory item or factor. Decisions regarding compliance with any mandatory requirements shall be at the sole discretion of the State.

2.0 SCOPE OF WORK

The successful Vendor shall provide 33'-6" wide x 17" deep pre-stressed concrete beams with accessories.

2.1 Technical Requirements:

All pre-stressed concrete beams and accessories provided shall be in accordance with West Virginia Division of Highways Standard Specifications Roads and Bridges, adopted 2010 and the current Supplemental Specifications and the attached control prints.

www.transportation.wv.gov/highways/engineering/Pages/publications.aspx

2.2 Freight

2.2.1 All shipments are to be FOB Destination.

2.2.2 The Vendor shall be responsible for all costs associated with delays in delivery to the job site.

2.3 Delivery

2.3.1 Delivers shall be made to the job site on CR 5/6, near Millstone, WV (Map Attached)

2.3.2 Vendor shall coordinate delivery with the District Three Bridge Engineer @ 304-420-4675.

3.0 INVOICING

3.1 Payment

3.1.1 The Vendor must send an invoice to:
West Virginia Division of Highways, District three
624 Depot Street
Parkersburg, WV 26101
Attention: Beverly Myers

3.2 Partial payment of Approved Beams

3.2.1 Upon completion of manufacture and approval by the Division of Highways of all beams specified on an individual Requisition Purchase Order (RPO), the vendor may invoice and the Division will pay for the cost of manufacturing the beams, not to exceed 65% of the total cost of the delivered beams. The remaining 35% or more may be invoiced when all the beams are delivered. Partial payment for beams shall be subject of the following conditions:

- a. The vendor must request partial payment and furnish and official invoice for the manufactured and approved beams.

COST SHEET

Item No.	Quantity	Description	Unit Price	Amount
1	301.5	SF, Interior Beam Section: 17" Prestressed Concrete Box Beams (3 Ft. Wide) 3 Beams X 33'-6" Overall Length. No Skew.		
2	201	SF, Exterior Beam Section: 17" Prestressed Concrete Box Beams (3 Ft. Wide) 2 Beams X 33'-6" Overall Length. No Skew.		
3	8	EA, 1-1/4" Elastomeric Laminated Bearing Pads (60 Duro Hardness) 8 - A1 Pad (4-3/4"x28")		
4	4	EA, 1-1/4" Elastomeric Laminated Bearing Pads (60 Duro Hardness) 4 - A2 Pad (4-3/4"x15-1/2")		
5	10	EA, 1" Diameter x 2'-0" Swaged Anchor Bolt or No. 8 Deformed Reinforcing Bar (Grade 60) Galvanized		
6	21	SF, 1-1/2" Thick Sponge Rubber Preformed Joint Filler 16 LF @ 6-5/8" Wide = 9 SF/End, 18 SF Total 3.5 LF @ 4-3/4" Wide = 1.4 SF/End, 3 SF Total		
7	46	SF, 1" Thick Sponge Rubber Preformed Joint Filler 16 LF @ 17" Wide = 23 SF/End, 46 SF Total		
8	10	EA, Guardrail Attachment Assembly for Box Beam with Studs, Nuts, and Washers		
9	73	LF, 1" Diameter Post-Tensioning Thread Bar w/ 10 Hardened Nuts 4 Bars @ 18'-3"		
10	8	EA, Bearing Plate 9"x9"x1"		
11	10	EA, Type TL-2 Bridge Guardrail Posts		
12	75	LF, Type TL-2 Bridge Guardrail		
13	150	LF, 1" Grout Stop		
14	16	EA, 1"x8"x8" Washer		

TOTAL \$ _____

STATE PROJECT NUMBER	WASH. DIST. PROJECT NUMBER	COUNTY	SHEET NO.	TOTAL SHEETS
5307-5-6-0-01	3	CLATSOP	9	27

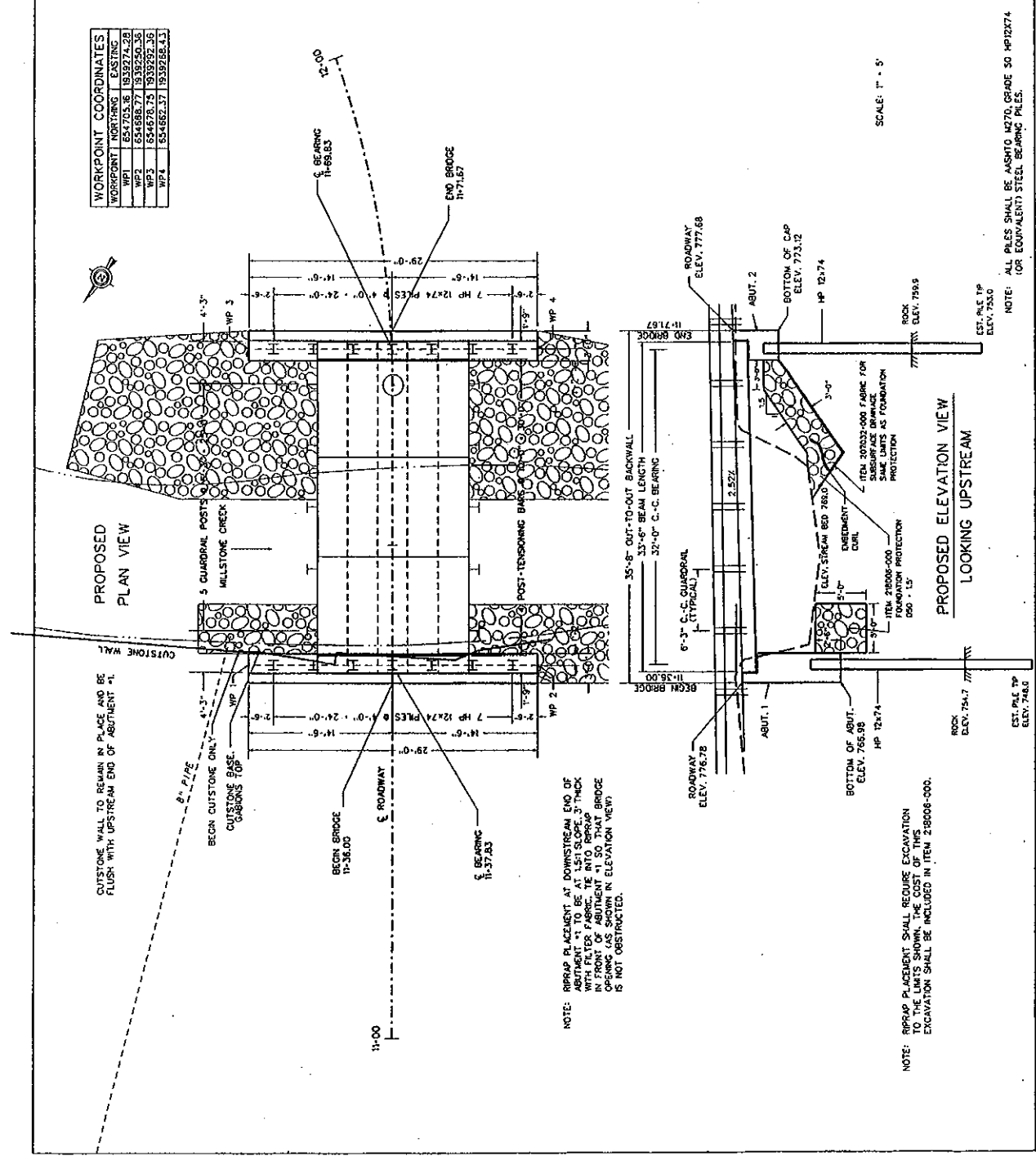
WORKPOINT	NORTHING	EASTING
WPI	654703.36	1939274.28
WP2	654686.77	1939250.36
WP3	654678.75	1939292.36
WP4	654662.37	1939266.43

PRE-DRILLING NOTES

- PILES SHALL BE PRE-DRILLED TO A DEPTH SUFFICIENT TO PENETRATE THROUGH ALL OBVIOUS OBSTRUCTIONS TO A MINIMUM DEPTH OF 10' BELOW THE PROPOSED ELEVATION 749.7 FOR ABUTMENT #1, 754.7 FOR ABUTMENT #2.
- MINIMUM HOLE DIAMETER SHALL BE 20".
- THE DRILLED HOLE SHALL BE REASONABLY FREE OF FALL-IN SOIL OR OTHER DEBRIS IMMEDIATELY PRIOR TO CROUTING.
- AFTER PRE-DRILLING, THE PILING SHALL BE DRIVEN TO REFUSAL ON BEDROCK.
- REFUSAL IS DEFINED AS THE EQUIVALENT OF 20 BLOWS FOR ONE INCH OR LESS OF PENETRATION WITH A POWER HAMMER DEVELOPING A MINIMUM CAPACITY OF 15,000 FT-POUNDS PER BLOW.
- IF A LARGER HAMMER IS USED, THE NUMBER OF BLOWS IN THE LAST INCH OF PENETRATION MAY BE REDUCED IN DIRECT PROPORTION TO THE ENERGY RATING OF THE HAMMER, BUT TO NO LESS THAN 12" PLACEMENT OF CROUT.
- THE HOLE SHALL BE PUMPED FREE OF WATER PRIOR TO CROUTING.
- PILE INSTALLATION AND CROUTING OF A HOLE IS TO BE COMPLETED ON THE SAME DAY AS THE DRILLING OF THE HOLE.
- THE REQUIRED 7-DAY COMPRESSIVE STRENGTH OF THE CROUT SHALL BE A MINIMUM OF 2000 PSI, TESTED PRIOR TO INSTALLATION.
- THE CROUT SHALL BE COMPOSED OF A MIXTURE OF 1 PART PORTLAND CEMENT AND 3 PARTS SAND, MIXED WITH WATER TO PRODUCE A WORKABLE CONSISTENCY. THE AMOUNT SHALL BE DESIGNATED BY THE ENGINEER.

FOUNDATION PROTECTION NOTES

- FOUNDATION PROTECTION MATERIAL FOR SCOUR PROTECTION SHALL BE UNFORMALLY GRADED AS FOLLOWS WITH A D50 SIZE OF 18":
 - STONE 30%
 - DOZ 50%
 - 3/4" 15%
 - 1/2" 5%
- THE STONE SHALL BE REASONABLY WELL-GRADED THROUGHOUT THE SCOUR PROTECTION THICKNESS AS DETERMINED BY THE ENGINEER BY VISUAL INSPECTION.
- STONES SMALLER THAN THE SPECIFIED 15% SHALL NOT BE PERMITTED IN ANY AMOUNT EXCEEDING 20% BY WEIGHT.
- MATERIAL SHALL CONSIST OF ROCK (MEDIUM HARD OR HARDER) OF A QUALITY SATISFACTORY TO THE ENGINEER AND SHALL BE PLACED PER SECTION 218 EXCEPT THAT NO TESTING SHALL BE REQUIRED.
- THE USE OF SHALE IS NOT PERMITTED.
- ALL COSTS ASSOCIATED WITH PLACING THE FOUNDATION PROTECTION INCLUDING EXCAVATION, EMBANKMENT AND CLEARING & GRUBBING NOT OTHERWISE INCLUDED IN THE ROADWAY CROSS-SECTIONS SHALL BE INCLUDED IN ITEM 288006-000.



THE W.V.A. DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 BRIDGE NO. 07-5/6-0-02
 OVER MILLSTONE CREEK
 ON COUNTY ROUTE 5/6 (SLS)
 IN CALHOUN COUNTY

DESIGNED BY	LET	3-11
DRAWN BY	LUT	3-11
CHECKED BY	BLB	3-11
IN CHARGE	CHE	3-11

ABUTMENT LAYOUT
 SHEET 9 OF 27
 BRIDGE NUMBER 07-5/6-0-02
 10556

STATE PROJECT NUMBER	STATE DIST. NO.	COUNTY	SHEET NO.	TOTAL SHEETS
S307-5/6-0-01	5	CALHOUN	13	27

DESIGN DATA FOR 17" DEPTH ADJACENT BOX BEAM

SPAN LENGTH ξ TO ξ BEARING	20'-0"	22'-0"	24'-0"	26'-0"	28'-0"	30'-0"	32'-0"	34'-0"	36'-0"	38'-0"	40'-0"
OVERALL LENGTH OF BEAM	20'-0"	22'-0"	24'-0"	26'-0"	28'-0"	30'-0"	32'-0"	34'-0"	36'-0"	38'-0"	40'-0"
NO. OF 270 KSI, 1/2" ϕ LOW-RELAXATION STRANDS, AREA/STRAND - 0.187 SQ. IN.	10	10	10	10	12	14	14	14	16	16	16
STRAND POSITION NUMBER	ROW 1	ROW 2	ROW 3	ROW 4	ROW 5	ROW 6	ROW 7	ROW 8	ROW 9	ROW 10	ROW 11
MIN. CONCRETE STRENGTH @ RELEASE - 5500 PSI	12,112	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26
MIN. CONCRETE STRENGTH @ 28 DAYS - 8000 PSI	12,112	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26
INITIAL PULL-STRAND	12,112	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26	17,18,23,26
CROSS-SECTION AREA/STRAND	0.187	0.187	0.187	0.187	0.187	0.187	0.187	0.187	0.187	0.187	0.187

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
ENGINEERING DIVISION

BRIDGE NO. 07-5/6-0-02
OVER CREEK
MILLSTONE
COUNTY ROUTE 5/6 (SLS)
CALHOUN COUNTY
DESIGN TABLE FOR 17"
PRESTRESSED BOX BEAM

DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DATE: 07-02-07

STANDARD SHEET BR-6179

DESIGNER, FABRICATOR, AND ERECTOR SHALL BE AWARE THAT SKEWED END BEAMS MAY TWIST OR WARP UNDER LOADS. THE FABRICATOR SHALL PROVIDE THE NECESSARY BRACING TO CORRECT AT THE TIME OF ERECTION. BEFORE THE BEAMS ARE SECURED IN PLACE, METHOD OF CORRECTION SHALL PROVIDE AN EVEN TOTAL BEARING AND A LEVEL TOP BEAM SURFACE. TOLERANCE AFTER CORRECTION SHALL BE 1/4" INCH. THE FABRICATOR SHALL NOTIFY THE CONTRACTOR AND DESIGNER OF CORRECTIONS ARE REQUIRED PRIOR TO SHIPMENT.

5. MAXIMUM BEAM SKEW SHALL BE 30 DEGREES.

6. DESIGNER INPUT VALUES OF NUMBER OF INSERTS, DISTANCE FROM END OF BEAM TO G FIRST INSERT, AND G FIRST INSERT TO G SECOND INSERT, ABOVE VALUES SHALL BE BASED ON THE REQUIRED 6-3" QUADRANT, POST SPACING, ACROSS THE BRIDGE.

7. SPECIAL STRAND NOTE FOR 17" BOX SECTION ONLY: WHEN TL-2 QUADRANT INSERTS ARE REQUIRED THE BOTTOM INSERT TYPE 2A ANCHOR CONFLICTS WITH STRAND NO. 15. STRANDS 15 AND 16 HAVE BEEN MOVED TO POSITIONS 17 AND 18 FOR UNIFORMITY PURPOSES. ALL BEAMS OF THE SAME DESIGN SHALL USE SAME STRAND PATTERN.

8. THIS SHEET SHALL BE USED IN CONJUNCTION WITH STANDARD SHEETS BR-617A, BR-618, BR-619, BR-620A & B, BR-621, BR-622, BR-623A & B AND BR-624 AS APPLICABLE.

- NOTES
1. BEAM WEIGHTS LISTED IN THE DESIGN TABLE ARE BASED ON ZERO SKEW, 2 FT. LONG ENDOBLOCK AND DIMENSIONS SPACED @ 15 FT. C/C. WEIGHTS FOR SKEWED BEAMS, LONGER ENDOBLOCKS AND ADDITIONAL DIMENSIONS SHOULD BE ADJUSTED ACCORDINGLY.
 2. FOR ADDITIONAL DIMENSIONS, SEE BR-6179.
 3. FOR SKEW AND 1/2 DEGREE OF SKEW/END.
 4. FOR LONGER ENDOBLOCK, ADD 163 LBS/FT/END.
 5. DESIGNER SHOULD NOTE THAT DATA IN STANDARD TABLE IS BASED ON EVEN SPAN LENGTHS, A THRU LANE STRUCTURE & BEAMS WIDE AND ZERO SKEW. SUPERIMPOSED DEAD LOADS INCLUDE THE PAIR OF CURBS, CURB AND DESIGNER'S DATA ENTERED INTO BLANK COLUMNS. IN NO CASE SHALL THE STANDARD DESIGN TABLE BE ALTERED.
 6. PRESTRESSED DESIGN VALUES LISTED IN THE TABLE ARE BASED ON EMPIRICAL FORMULAS AND AS SUCH ARE APPROXIMATE. FOR MEMBERS WITH SPAN-TO-DEPTH RATIOS AT OR EXCEEDING 25, THE TOLERANCE VALUES LISTED IN APPENDIX B OF MANUAL FOR QUALITY CONTROL, ENCL. 16, MAY NOT APPLY.
 7. MEASUREMENT OF CAMBER FOR COMPARISON TO PREDICTED DESIGN VALUES SHOULD BE COMPLETED UNDER UNIFORM LOADS. MEASUREMENTS SHOULD BE EVALUATED UNDER CONDITIONS THAT MINIMIZE THE EFFECT OF TEMPERATURE VARIATION.

STATE PROJECT NUMBER	STATE PROJECT NUMBER	COMPANY	SHEET NO.	TOTAL SHEETS
S-307-5/6-0.01		CALHOUN	14	27

POST-TENSIONING BASE:

- * POST-TENSIONING THREAD BARS SHALL BE ONE INCH DIAMETER, 50K STEEL, AND SHALL CONFORM TO AASHTO M270, TYPE I. STEEL THREAD BARS SHALL BE DESIGNED TO ALLOW THE USE OF HEAVY HEX NUTS AND COUPLERS THAT THREAD ONTO THE END OF THE DEFORMATION. HEAVY HEX NUTS AND COUPLERS SHALL BE OF A DESIGN AND MATERIAL IDENTICAL TO THE BAR MANUFACTURER TO DEVELOP THE FULL TENSILE STRENGTH OF THE BAR. PROPERLY DOCUMENTED CERTIFIED MILL TEST REPORTS SHALL BE PROVIDED FOR EACH HEAT OF STEEL THREAD BARS.
- * ALL POST-TENSIONING THREAD BARS, NUTS, BEARING PLATES, COUPLERS, AND ANCHORAGE HARDWARE SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH AASHTO M11. GALVANIZING PLANT SHALL ADMINISTER ADEQUATE QUALITY CONTROL MEASURES TO SAFEGUARD AGAINST HYDROGEN EMBRITTLEMENT. QUALITY CONTROL MEASURES SHALL COMPLY WITH ASTM A-143. CERTIFICATION FOR HOT-DIP GALVANIZING SHALL BE PROVIDED BY THE GALVANIZING PLANT.
- * ALL POST-TENSIONING BEARING PLATES SHALL CONFORM TO AASHTO M270, GRADE 36.

SEAR KEY GROUT:

- * SEAR KEY GROUT SHALL BE A GROUT THAT IS RECOMMENDED BY THE MANUFACTURER FOR A DURABLE GROUT APPLICATION AND THAT BASED ON THE MANUFACTURER'S TEST DATA WILL ATTAIN A MINIMUM OF 4500 PSI COMPRESSIVE STRENGTH IN 3 DAYS UNDER CONDITIONS REPRESENTATIVE OF THE CONDITIONS TO BE EXPERIENCED AT THE SITE. THE GROUT MUST BE LISTED ON THE APPROVED LIST OF GROUTS PUBLISHED BY THE VIRGINIA DIVISION OF HIGHWAYS, MATERIALS CONTROL, SOIL AND TESTING DIVISION. THE CONTRACTOR SHALL PRE-TEST THE GROUTS TO BE USED TO DETERMINE COMPRESSIVE STRENGTH AND DURABILITY. TESTS TO BE PERFORMED SHALL BE COMPACT AND BEYOND APPROVAL. PROPER USE AND CURING OF THE GROUT IN THE STRUCTURE. THE TESTS WILL BE BASED ON A PROBABLE CONSISTENCY WITH THE SAME WATER/CEMENT RATIO TO BE USED IN THE STRUCTURE.
- * THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT FOR EACH PROJECT, THE GROUT PRE-TEST RESULTS OBTAINED IN THE NOTE ABOVE. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH A NEW PRE-TEST AND SUBMISSION FOR APPROVAL UNDER ANY OF THE FOLLOWING CONDITIONS:
 - * A PERIOD OF 18 MONTHS HAS ELAPSED SINCE LAST PRE-APPROVAL TESTING.
 - * THE CONTRACTOR ALTERS THE WATER/CEMENT RATIO.
 - * THE CONTRACTOR CHANGES GROUT SPECIFICATIONS.
 - * THE CONTRACTOR IS REQUIRED TO COMPLETE THE GROUT STRENGTH TABLE ON BR-810.
- * TEST PROCEDURES FOR DETERMINING THE COMPRESSIVE STRENGTH OF GROUT SHALL USE CURE SPECIMENS IN ACCORDANCE WITH ASTM C109, AS ADOPTED BY ASTM C107. GROUT TESTING IN ACCORDANCE WITH AASHTO T23 (STANDARD CYLINDER TEST) IS NOT ACCEPTABLE.

PROTECTIVE SURFACE TREATMENT:

- * EACH PRESTRESSED CONCRETE BEAM SHALL BE TREATED BY THE MANUFACTURER AT THE FABRICATION PLANT WITH AN APPROVED CONCRETE SEALER (GLANCO). AN APPROVED LIST OF CONCRETE SEALERS ARE ON FILE AT THE WEST VIRGINIA DIVISION OF HIGHWAYS, MATERIALS CONTROL, SOIL AND TESTING DIVISION. COVERINGS SHALL INCLUDE TOP AND BOTTOM OF INTERIOR BEAMS AND BOTTOM OF EXTERIOR BEAMS. THE SEALER SHALL BE APPLIED AT THE RATE SHALL BE PER TREATMENT MANUFACTURERS RECOMMENDATION.
- * AFTER COMPLETION OF THE SLANE TREATMENT BY FABRICATOR AND A MAXIMUM OF FIVE WORKING DAYS PRIOR TO SHIPMENT OF THE BEAMS, THE FABRICATOR SHALL BE RESPONSIBLE FOR ABRASIVE BLAST CLEANING TO CLEAN WHITE CONCRETE THE INTERIOR SIDES OF BEAMS FOR THE FULL LENGTH. CLEAN WHITE CONCRETE SHALL MEAN REMOVAL OF ALL DIRT, OIL, GREASE, OIL AND LOOSE CONCRETE LANTAGE AND PROVIDE A ROUGH-ENDED CONCRETE SURFACE. BLASTING MEDIUM SHALL BE APPROVED BY THE DIVISION OF HIGHWAYS.

SHOP DRAWINGS:

- * THE FABRICATOR SHALL BE RESPONSIBLE FOR THE PREPARATION OF SHOP DRAWINGS IN ACCORDANCE WITH THE WEST VIRGINIA DIVISION OF HIGHWAYS DOCUMENTS, D-02 AND THE STANDARD SPECIFICATIONS. ADDITIONAL INFORMATION IS PROVIDED IN SECTION 7 OF THE BRIDGE DESIGN MANUAL. SHOP DRAWINGS SHALL INCLUDE THE FABRICATOR'S DETAILING PLAN.

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
ENGINEERING DIVISION
 BRIDGE NO. 07-5/6-0.02
 MILLSTONE CREEK
 ON
 COUNTY ROUTE 5/6 (SLS)
 IN
 CALHOUN COUNTY
PRESTRESSED CONCRETE BEAM
DESIGN & ASSEMBLY NOTES

DESIGNED BY	DATE
CHECKED BY	DATE
REVIEWED BY	DATE
SCALE	3-11
SHEET NO.	14 OF 27
PROJECT NUMBER	07-5/6-0.02
ISSUE	0855

MATERIALS & FABRICATION NOTES:

- * THE PRESTRESSED CONCRETE BEAMS SHALL CONFORM TO ALL APPLICABLE PROVISIONS OF SECTION 603 OF THE STANDARD SPECIFICATIONS.

REINFORCING STEEL:

- * ALL WELD REINFORCING STEEL SHALL BE GRADE 60 DEFORMED BULLET STEEL AND SHALL BE EPOXY COATED EXCEPT WHERE NOTED. ALL UNCOATED REINFORCING SHALL MEET THE REQUIREMENTS OF AASHTO M31. ALL EPOXY COATED REINFORCING SHALL MEET THE REQUIREMENTS OF AASHTO M289, EXCEPT WHERE NOTED BY SECTION 709.1 OF THE STANDARD SPECIFICATIONS.
- * ALL TENSION LAP SPICES SHALL BE A CLASS B CONTACT TYPE. MINIMUM LAP SPICE LENGTHS SHALL BE AS GIVEN IN THE "LAP SPICE TABLE," THIS SHEET, ADDITIONALLY, IF LAP SPACING OF 12" OR MORE IS USED, TERMINATION OF THE SPICE SHALL BE NO CLOSER TO THE END OF THE BEAM THAN 1/10 OF THE SPAN LENGTH.
- * MINIMUM BAR BENDING DIAMETERS SHALL BE 6 BAR DIAMETERS, EXCEPT THAT NO. 4 AND 5 BARS MAY HAVE A MINIMUM 800 DIAMETERS OF 4 BAR DIAMETERS.
- * MINIMUM CONCRETE COVER SHALL BE AS SPECIFIED IN SECTION 603.5 OF THE STANDARD SPECIFICATIONS, EXCEPT WHERE NOTED ON THE PLANS.

PRESTRESSING STRAND:

- * ALL PRESTRESSING STRAND SHALL BE 1/2" Ø GRADE 270, 7 WIRE UNCOATED, LOW-RELAXATION STRAND MEETING THE REQUIREMENTS OF AASHTO M203, SUPPLEMENT 51.
- * ALL BEAMS DESCRIBED IN THESE STANDARDS UTILIZE STRANDS WITH A NOMINAL AREA OF 0.87 SQ. IN. STRANDS WITH A NOMINAL AREA OF 0.83 SQ. IN. IS PERMITTED FOR INDIVIDUAL OR ALTERNATE BEAMS, HOWEVER THE DESIGNER IS ENCOURAGED TO USE THE LARGER STRAND FOR UNCERTAINTY REASONS. IN NO CASES WILL STRESS-RELEASED STRAND BE PERMITTED.
- * ALL STRANDS SHALL BE ENCLOSED INSIDE THE STRIP CASE FOR THE FULL LENGTH OF THE BEAM.
- * ALL EXPOSED PRESTRESSING STRAND AT EACH BEAM END SHALL BE SHOP COATED WITH A LIQUID COLD-APPLIED BITUMINOUS ELASTOMERIC WATERPROOFING MEMBRANE. MATERIAL SHALL MEET ASTM C696-84.

CONCRETE:

- * ALL CONCRETE USED IN MANUFACTURING PRESTRESSED CONCRETE BEAMS SHALL MEET THE REQUIREMENTS OF SECTION 603.6 OF THE STANDARD SPECIFICATIONS. DESIGN STRENGTHS SHALL MEET OR EXCEED THE MINIMUM VALUES SET FORTH IN THESE PLANS.
- * ALL CONCRETE USED IN PARAPETS AND CURBS SHALL BE CLASS K CONCRETE.

ELASTOMERIC BEARING BASES:

- * BEARING PADS SHALL MEET THE APPLICABLE REQUIREMENTS AS SET FORTH IN SECTION 603.7 OF THE STANDARD SPECIFICATIONS. BEARING PADS SHALL BE SEPARATED BY AT LEAST ONE FULLY BONDED STRAND AND SHALL BE SYMMETRICAL ABOUT THE C OF THE BEAM.
- * SHIELDING OF STRANDS SHALL BE ACCOMPLISHED BY TAPPING OR TIGHT FITTING PLASTIC TUBES TAPPED AT EACH END.

DEBONDING OR SHIELDING OF STRANDS TO REDUCE TEMPORARY TENSILE STRESSES IS PERMITTED, HOWEVER DEBONDING IS LIMITED TO 40% PER ROW AND 25% TOTAL. IN NO INSTANCES SHALL OUTER STRANDS BE DEBONDED. DEBONDED STRANDS SHALL BE IDENTIFIED BY A RED TAG AT EACH END.

THE ELASTOMERIC BEARING PADS PROVIDED IN THE STANDARD DESIGNS ARE BASED ON ZERO GRADE AND ARE LIMITED TO A MAXIMUM OF 3% GRADE. IN INSTANCES OF GRADES EXCEEDING THIS LIMIT, PADS SHALL BE SPECIFICALLY DESIGNED. INDIVIDUAL PAD DESIGNS SHALL BE IN ACCORDANCE WITH SECTION 14, AASHTO LRFD. BEVELLED SOLE PLATES ARE PERMITTED.

MAXIMUM BEAM SKEW SHALL BE 30 DEGREES.

WHEN ALTERNATE DESIGNS OR SITE SPECIFIC DESIGNS ARE PROVIDED, CRITERIA SET FORTH IN THESE STANDARDS SHALL APPLY.

NEGATIVE DESIGN CAMBER AFTER ALL LOSSES IS NOT PERMITTED.

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DESIGN NOTES:

- * ALL BEAMS ARE DESIGNED IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, DATED 1998 AS AMENDED BY THE 2003 INTERIM SPECIFICATIONS.
- * ALL BEAMS SHALL BE DESIGNED TO MEET THE FOLLOWING CRITERIA:
 - DESIGN LOADS
 - 1-3% LIVE LOAD IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.
 - FUTURE WEARING SURFACE OF 50 PPS OF ROADWAY.
 - TYPE F PARAPET WEARING 321 P.F.

TEMPORARY STRESS LIMITS IN CONCRETE BEFORE LOSSES:

- 6000 PSI
- 8000 PSI
- 3600 PSI
- 2000 PSI
- 4900 PSI
- 3600 PSI
- 3200 PSI

TENSION STRESS LIMIT AFTER ALL LOSSES:

- 170 PSI
- 202.5 PSI
- 194.4 PSI

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BAR SIZE	NO. OF BARS	NO. OF LAPS
1/2"	2	1
3/4"	2	1
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STATE PROJECT NUMBER	3307-5/6-0.01	COUNTY	CALHOUN	SHEET NO.	15	TOTAL SHEETS	27
STATE PROJECT NUMBER	3307-5/6-0.01	COUNTY	CALHOUN	SHEET NO.	15	TOTAL SHEETS	27

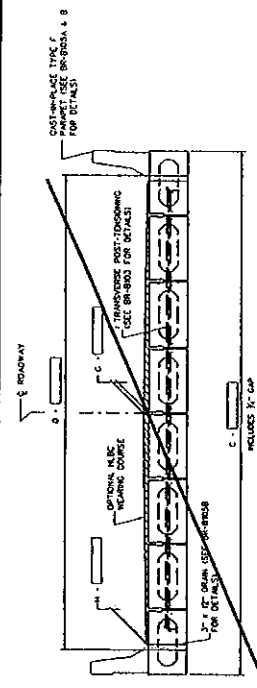
DESCRIPTION	CODE	VALUE
OVERALL BEAM LENGTH	A	33'-8"
2" LENGTH & BEARING TO FACE OF BEAM TO E BEARING	B	32'-0"
STRUCTURE WIDTH	C	15'-3"
ROADWAY WIDTH - FACE OF PARAPET TO FACE OF PARAPET	D	15'-2 1/2"
NUMBER OF BEAMS REQUIRED	E	5
BEAM SIZE (WIDTH x DEPTH)	F	36" x 17"
SKEW ANGLE (DEGREES OR REG. LFS)	G	0"
PERPENDICULAR DISTANCE FROM FACE OF BEAM TO E BEARING (YES/NO)	H	9"
MISC. BEARING COURSE REQUIRED (YES/NO)	I	NO
THICKNESS OF WEARING SURFACE (CODE OF DECK OR PARAPET)	J	N/A
THICKNESS OF WEARING SURFACE (CODE OF DECK OR PARAPET)	K	N/A
T-2 BRIDGE GUARDRAIL SYSTEM REQUIRED (YES/NO)	L	YES
FABRICATOR TO SUPPLY T-2 BRIDGE GUARDRAIL (YES/NO)	M	YES
FABRICATOR TO INSTALL BRIDGE GUARDRAIL PRIOR TO SHIPMENT (YES/NO) (IF NOT FABRICATOR TO SUPPLY)	N	NO
NUMBER OF GUARDRAIL POSTS REQUIRED PER SOLE (YES/NO)	O	5
TYPE OF PARAPET REQUIRED (YES/NO)	P	NO
DRAINS REQUIRED (YES/NO)	Q	NO
NUMBER OF DOWNS REQUIRED PER SOLE	R	0
6" CURB REQUIRED (YES/NO)	S	NO

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 ENGINEERING DIVISION

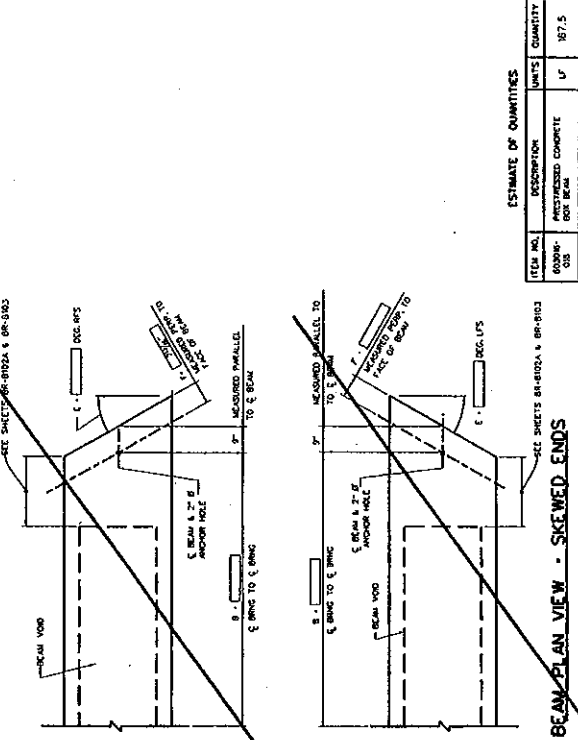
BRIDGE NO. 07-5/6-0.02
 OVER MILLSTONE CREEK
 ON COUNTY ROUTE 5/6 (SLS)
 IN CALHOUN COUNTY

PRESTRESSED CONCRETE BEAM
 DESIGN & ASSEMBLY NOTES

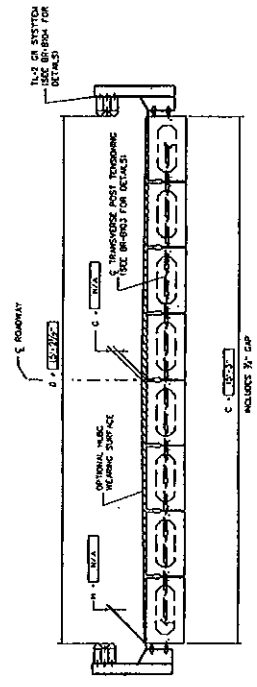
DATE: 07-02-07
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 SCALE: 3/11
 SHEET NO. 15 OF 27
 PROJECT NO. 3307-5/6-0.02



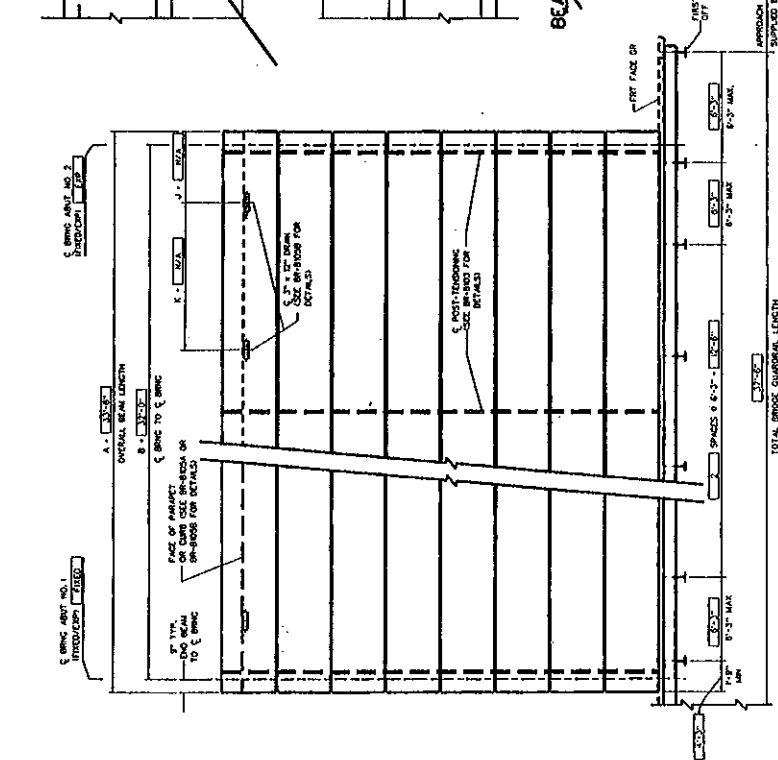
TYPICAL CROSS-SECTION WITH PARAPET OR CURB



BEAM PLAN VIEW - SKEWED ENDS



TYPICAL CROSS-SECTION WITH GUARDRAIL



DECK PLAN VIEW

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
1	PRESTRESSED CONCRETE BOX BEAM	LF	187.5

ESTIMATE OF QUANTITIES

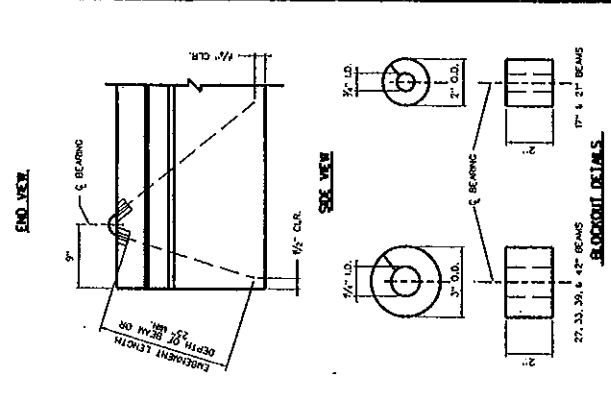
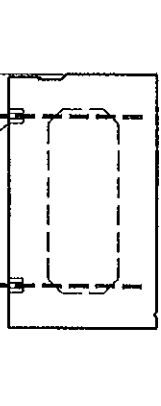
NOTES:
 1. WHEN BRIDGE GUARDRAIL IS TO BE SUPPLIED BY THE BEAM FABRICATOR, COST OF ALL BRIDGE GUARDRAILS TO INCLUDE POSTS, AND TO COMPLETELY INSTALL BRIDGE GUARDRAIL SHALL BE INCLUDED IN ITEM 60306 - PRESTRESSED CONCRETE BOX BEAM.
 2. THIS SHEET SHALL BE USED IN CONNECTION WITH STANDARD SHEETS BR-804, BR-805A, BR-805B, BR-805C, BR-805D, BR-805E, BR-805F, BR-805G, BR-805H, BR-805I, BR-805J, BR-805K, BR-805L, BR-805M, BR-805N, BR-805O, BR-805P, BR-805Q, BR-805R, BR-805S, BR-805T, BR-805U, BR-805V, BR-805W, BR-805X, BR-805Y, BR-805Z, BR-806, BR-807, BR-808, BR-809, BR-810, BR-811, BR-812, BR-813, BR-814, BR-815, BR-816, BR-817, BR-818, BR-819, BR-820, BR-821, BR-822, BR-823, BR-824, BR-825, BR-826, BR-827, BR-828, BR-829, BR-830, BR-831, BR-832, BR-833, BR-834, BR-835, BR-836, BR-837, BR-838, BR-839, BR-840, BR-841, BR-842, BR-843, BR-844, BR-845, BR-846, BR-847, BR-848, BR-849, BR-850, BR-851, BR-852, BR-853, BR-854, BR-855, BR-856, BR-857, BR-858, BR-859, BR-860, BR-861, BR-862, BR-863, BR-864, BR-865, BR-866, BR-867, BR-868, BR-869, BR-870, BR-871, BR-872, BR-873, BR-874, BR-875, BR-876, BR-877, BR-878, BR-879, BR-880, BR-881, BR-882, BR-883, BR-884, BR-885, BR-886, BR-887, BR-888, BR-889, BR-890, BR-891, BR-892, BR-893, BR-894, BR-895, BR-896, BR-897, BR-898, BR-899, BR-900, BR-901, BR-902, BR-903, BR-904, BR-905, BR-906, BR-907, BR-908, BR-909, BR-910, BR-911, BR-912, BR-913, BR-914, BR-915, BR-916, BR-917, BR-918, BR-919, BR-920, BR-921, BR-922, BR-923, BR-924, BR-925, BR-926, BR-927, BR-928, BR-929, BR-930, BR-931, BR-932, BR-933, BR-934, BR-935, BR-936, BR-937, BR-938, BR-939, BR-940, BR-941, BR-942, BR-943, BR-944, BR-945, BR-946, BR-947, BR-948, BR-949, BR-950, BR-951, BR-952, BR-953, BR-954, BR-955, BR-956, BR-957, BR-958, BR-959, BR-960, BR-961, BR-962, BR-963, BR-964, BR-965, BR-966, BR-967, BR-968, BR-969, BR-970, BR-971, BR-972, BR-973, BR-974, BR-975, BR-976, BR-977, BR-978, BR-979, BR-980, BR-981, BR-982, BR-983, BR-984, BR-985, BR-986, BR-987, BR-988, BR-989, BR-990, BR-991, BR-992, BR-993, BR-994, BR-995, BR-996, BR-997, BR-998, BR-999, BR-1000.

STATE PROJECT NUMBER	FEDERAL PROJECT NUMBER	DATE	COPY	SHEET NO.	TOTAL SHEETS
3307-5/6-0.01		3	CAL-HON	27	27

1/2" x 2" ANCHOR SLEEVES SHOWN AFTER ERECTION OF STRAINS AND FILLER WITH JOINT MEETING THE REQUIREMENTS OF SUB-SECT. 705.3

1/2" x 2" ANCHOR SLEEVES SHOWN AFTER ERECTION OF STRAINS AND FILLER WITH JOINT MEETING THE REQUIREMENTS OF SUB-SECT. 705.3

NUMBER OF STRAINS PER SIDE SHALL BE DETERMINED BY THE FABRICATOR.



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
ENGINEERING DIVISION

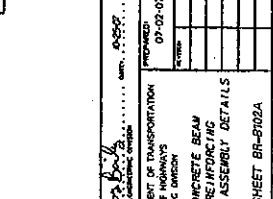
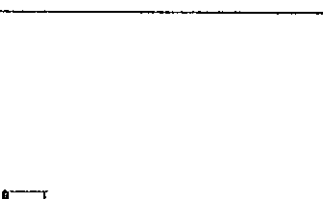
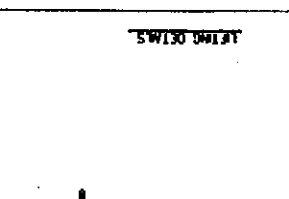
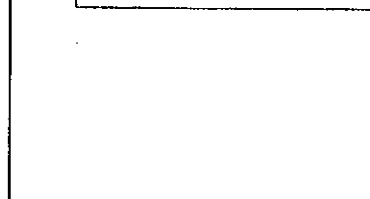
BRIDGE NO. 07-5/6-0.02
OVER MILLSTONE CREEK ON COUNTY ROUTE 5/6 (SLS) IN CALHOUN COUNTY

PRESTRESSED CONCRETE BEAM SKEWED END REINFORCING MISC. DESIGN AND ASSEMBLY DETAILS

APPROVED: [Signature]
WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
ENGINEERING DIVISION

DESIGNED BY: [Signature]
CHECKED BY: [Signature]
REVISED BY: [Signature]
DATE: 3-11

SCALE: 1/8" = 1'-0"
SHEET NO. 27 OF 27
07-5/6-0.02



1. SEAL JOINT WITH HOT POUR JOINT SEALING MATERIAL MEETING THE REQUIREMENTS OF SUB-SECT. 705.3. MIN. DEPTH OF SEAL 1/2"

2. ANCHOR SLEEVES SHALL BE ONLY STEEL PIPE MEETING THE REQUIREMENTS OF SUB-SECT. 705.3. ANCHOR SLEEVE LENGTH SHALL BE DEPTH OF BEAM PLUS 3"

3. ANCHOR SLEEVES SHALL BE IN ACCORDANCE WITH SUB-SECT. 705.3.

MEMBRANE WATERPROOFING IN ACCORDANCE WITH SUB-SECT. 604.01. FULL WIDTH OF DECK PLUS 2' LAP ON TO BACKWALL.

PREFORMED JOINT FILLER MEETING THE REQUIREMENTS OF SUB-SECT. 705.3. FULL WIDTH OF DECK PLUS 2' LAP ON TO BACKWALL.

ELASTOMERIC BEARING PAD DETAIL AS SHOWN FOR

NO. 4 SS BAR

2'-0"

2'-6"

3 EQUAL SPA. - 62" MAX

NO. 4 SS BARS

5 EQUAL SPA. - 3" MIN

1'-6" MIN/3'-0" MAX

2'-6" MIN/3'-0" MAX

SKEW < 20°

SKEW > 20°

THIS SHEET SHALL BE USED IN CONJUNCTION WITH SHEETS BR-504, BR-505, BR-506, BR-507, BR-508, BR-509, BR-510, BR-511, BR-512, BR-513, BR-514, BR-515, BR-516, BR-517, BR-518, BR-519, BR-520, BR-521, BR-522, BR-523, BR-524, BR-525, BR-526, BR-527, BR-528, BR-529, BR-530, BR-531, BR-532, BR-533, BR-534, BR-535, BR-536, BR-537, BR-538, BR-539, BR-540, BR-541, BR-542, BR-543, BR-544, BR-545, BR-546, BR-547, BR-548, BR-549, BR-550, BR-551, BR-552, BR-553, BR-554, BR-555, BR-556, BR-557, BR-558, BR-559, BR-560, BR-561, BR-562, BR-563, BR-564, BR-565, BR-566, BR-567, BR-568, BR-569, BR-570, BR-571, BR-572, BR-573, BR-574, BR-575, BR-576, BR-577, BR-578, BR-579, BR-580, BR-581, BR-582, BR-583, BR-584, BR-585, BR-586, BR-587, BR-588, BR-589, BR-590, BR-591, BR-592, BR-593, BR-594, BR-595, BR-596, BR-597, BR-598, BR-599, BR-600, BR-601, BR-602, BR-603, BR-604, BR-605, BR-606, BR-607, BR-608, BR-609, BR-610, BR-611, BR-612, BR-613, BR-614, BR-615, BR-616, BR-617, BR-618, BR-619, BR-620, BR-621, BR-622, BR-623, BR-624, BR-625, BR-626, BR-627, BR-628, BR-629, BR-630, BR-631, BR-632, BR-633, BR-634, BR-635, BR-636, BR-637, BR-638, BR-639, BR-640, BR-641, BR-642, BR-643, BR-644, BR-645, BR-646, BR-647, BR-648, BR-649, BR-650, BR-651, BR-652, BR-653, BR-654, BR-655, BR-656, BR-657, BR-658, BR-659, BR-660, BR-661, BR-662, BR-663, BR-664, BR-665, BR-666, BR-667, BR-668, BR-669, BR-670, BR-671, BR-672, BR-673, BR-674, BR-675, BR-676, BR-677, BR-678, BR-679, BR-680, BR-681, BR-682, BR-683, BR-684, BR-685, BR-686, BR-687, BR-688, BR-689, BR-690, BR-691, BR-692, BR-693, BR-694, BR-695, BR-696, BR-697, BR-698, BR-699, BR-700, BR-701, BR-702, BR-703, BR-704, BR-705, BR-706, BR-707, BR-708, BR-709, BR-710, BR-711, BR-712, BR-713, BR-714, BR-715, BR-716, BR-717, BR-718, BR-719, BR-720, BR-721, BR-722, BR-723, BR-724, BR-725, BR-726, BR-727, BR-728, BR-729, BR-730, BR-731, BR-732, BR-733, BR-734, BR-735, BR-736, BR-737, BR-738, BR-739, BR-740, BR-741, BR-742, BR-743, BR-744, BR-745, BR-746, BR-747, BR-748, BR-749, BR-750, BR-751, BR-752, BR-753, BR-754, BR-755, BR-756, BR-757, BR-758, BR-759, BR-760, BR-761, BR-762, BR-763, BR-764, BR-765, BR-766, BR-767, BR-768, BR-769, BR-770, BR-771, BR-772, BR-773, BR-774, BR-775, BR-776, BR-777, BR-778, BR-779, BR-780, BR-781, BR-782, BR-783, BR-784, BR-785, BR-786, BR-787, BR-788, BR-789, BR-790, BR-791, BR-792, BR-793, BR-794, BR-795, BR-796, BR-797, BR-798, BR-799, BR-800, BR-801, BR-802, BR-803, BR-804, BR-805, BR-806, BR-807, BR-808, BR-809, BR-810, BR-811, BR-812, BR-813, BR-814, BR-815, BR-816, BR-817, BR-818, BR-819, BR-820, BR-821, BR-822, BR-823, BR-824, BR-825, BR-826, BR-827, BR-828, BR-829, BR-830, BR-831, BR-832, BR-833, BR-834, BR-835, BR-836, BR-837, BR-838, BR-839, BR-840, BR-841, BR-842, BR-843, BR-844, BR-845, BR-846, BR-847, BR-848, BR-849, BR-850, BR-851, BR-852, BR-853, BR-854, BR-855, BR-856, BR-857, BR-858, BR-859, BR-860, BR-861, BR-862, BR-863, BR-864, BR-865, BR-866, BR-867, BR-868, BR-869, BR-870, BR-871, BR-872, BR-873, BR-874, BR-875, BR-876, BR-877, BR-878, BR-879, BR-880, BR-881, BR-882, BR-883, BR-884, BR-885, BR-886, BR-887, BR-888, BR-889, BR-890, BR-891, BR-892, BR-893, BR-894, BR-895, BR-896, BR-897, BR-898, BR-899, BR-900, BR-901, BR-902, BR-903, BR-904, BR-905, BR-906, BR-907, BR-908, BR-909, BR-910, BR-911, BR-912, BR-913, BR-914, BR-915, BR-916, BR-917, BR-918, BR-919, BR-920, BR-921, BR-922, BR-923, BR-924, BR-925, BR-926, BR-927, BR-928, BR-929, BR-930, BR-931, BR-932, BR-933, BR-934, BR-935, BR-936, BR-937, BR-938, BR-939, BR-940, BR-941, BR-942, BR-943, BR-944, BR-945, BR-946, BR-947, BR-948, BR-949, BR-950, BR-951, BR-952, BR-953, BR-954, BR-955, BR-956, BR-957, BR-958, BR-959, BR-960, BR-961, BR-962, BR-963, BR-964, BR-965, BR-966, BR-967, BR-968, BR-969, BR-970, BR-971, BR-972, BR-973, BR-974, BR-975, BR-976, BR-977, BR-978, BR-979, BR-980, BR-981, BR-982, BR-983, BR-984, BR-985, BR-986, BR-987, BR-988, BR-989, BR-990, BR-991, BR-992, BR-993, BR-994, BR-995, BR-996, BR-997, BR-998, BR-999, BR-1000

SEAL JOINT WITH HOT POUR JOINT SEALING MATERIAL MEETING THE REQUIREMENTS OF SUB-SECT. 705.3. MIN. DEPTH OF SEAL 1/2"

PREFORMED JOINT FILLER MEETING THE REQUIREMENTS OF SUB-SECT. 705.3. FULL WIDTH OF DECK PLUS 2' LAP ON TO BACKWALL.

ELASTOMERIC BEARING PAD DETAIL AS SHOWN FOR

NO. 4 SS BAR

2'-0"

2'-6"

3 EQUAL SPA. - 62" MAX

NO. 4 SS BARS

5 EQUAL SPA. - 3" MIN

1'-6" MIN/3'-0" MAX

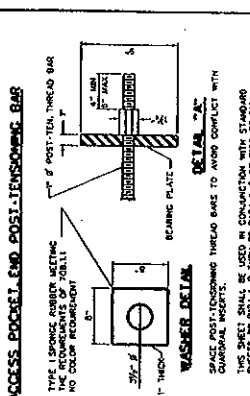
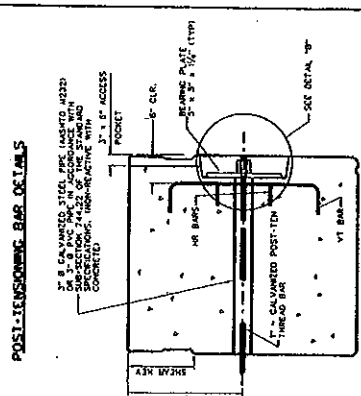
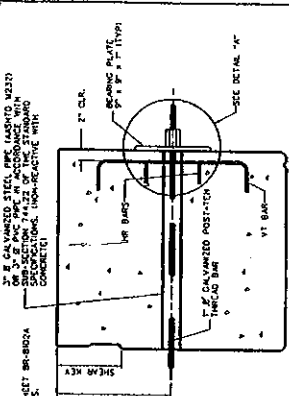
2'-6" MIN/3'-0" MAX

SKEW < 20°

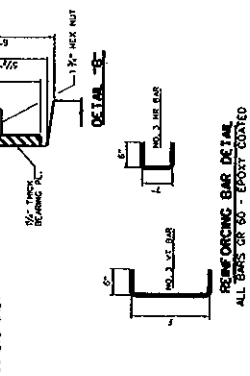
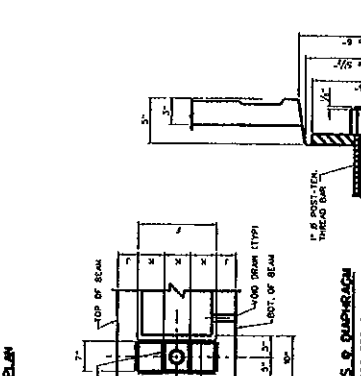
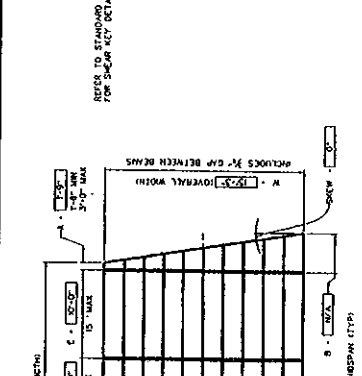
SKEW > 20°

THIS SHEET SHALL BE USED IN CONJUNCTION WITH SHEETS BR-504, BR-505, BR-506, BR-507, BR-508, BR-509, BR-510, BR-511, BR-512, BR-513, BR-514, BR-515, BR-516, BR-517, BR-518, BR-519, BR-520, BR-521, BR-522, BR-523, BR-524, BR-525, BR-526, BR-527, BR-528, BR-529, BR-530, BR-531, BR-532, BR-533, BR-534, BR-535, BR-536, BR-537, BR-538, BR-539, BR-540, BR-541, BR-542, BR-543, BR-544, BR-545, BR-546, BR-547, BR-548, BR-549, BR-550, BR-551, BR-552, BR-553, BR-554, BR-555, BR-556, BR-557, BR-558, BR-559, BR-560, BR-561, BR-562, BR-563, BR-564, BR-565, BR-566, BR-567, BR-568, BR-569, BR-570, BR-571, BR-572, BR-573, BR-574, BR-575, BR-576, BR-577, BR-578, BR-579, BR-580, BR-581, BR-582, BR-583, BR-584, BR-585, BR-586, BR-587, BR-588, BR-589, BR-590, BR-591, BR-592, BR-593, BR-594, BR-595, BR-596, BR-597, BR-598, BR-599, BR-600, BR-601, BR-602, BR-603, BR-604, BR-605, BR-606, BR-607, BR-608, BR-609, BR-610, BR-611, BR-612, BR-613, BR-614, BR-615, BR-616, BR-617, BR-618, BR-619, BR-620, BR-621, BR-622, BR-623, BR-624, BR-625, BR-626, BR-627, BR-628, BR-629, BR-630, BR-631, BR-632, BR-633, BR-634, BR-635, BR-636, BR-637, BR-638, BR-639, BR-640, BR-641, BR-642, BR-643, BR-644, BR-645, BR-646, BR-647, BR-648, BR-649, BR-650, BR-651, BR-652, BR-653, BR-654, BR-655, BR-656, BR-657, BR-658, BR-659, BR-660, BR-661, BR-662, BR-663, BR-664, BR-665, BR-666, BR-667, BR-668, BR-669, BR-670, BR-671, BR-672, BR-673, BR-674, BR-675, BR-676, BR-677, BR-678, BR-679, BR-680, BR-681, BR-682, BR-683, BR-684, BR-685, BR-686, BR-687, BR-688, BR-689, BR-690, BR-691, BR-692, BR-693, BR-694, BR-695, BR-696, BR-697, BR-698, BR-699, BR-700, BR-701, BR-702, BR-703, BR-704, BR-705, BR-706, BR-707, BR-708, BR-709, BR-710, BR-711, BR-712, BR-713, BR-714, BR-715, BR-716, BR-717, BR-718, BR-719, BR-720, BR-721, BR-722, BR-723, BR-724, BR-725, BR-726, BR-727, BR-728, BR-729, BR-730, BR-731, BR-732, BR-733, BR-734, BR-735, BR-736, BR-737, BR-738, BR-739, BR-740, BR-741, BR-742, BR-743, BR-744, BR-745, BR-746, BR-747, BR-748, BR-749, BR-750, BR-751, BR-752, BR-753, BR-754, BR-755, BR-756, BR-757, BR-758, BR-759, BR-760, BR-761, BR-762, BR-763, BR-764, BR-765, BR-766, BR-767, BR-768, BR-769, BR-770, BR-771, BR-772, BR-773, BR-774, BR-775, BR-776, BR-777, BR-778, BR-779, BR-780, BR-781, BR-782, BR-783, BR-784, BR-785, BR-786, BR-787, BR-788, BR-789, BR-790, BR-791, BR-792, BR-793, BR-794, BR-795, BR-796, BR-797, BR-798, BR-799, BR-800, BR-801, BR-802, BR-803, BR-804, BR-805, BR-806, BR-807, BR-808, BR-809, BR-810, BR-811, BR-812, BR-813, BR-814, BR-815, BR-816, BR-817, BR-818, BR-819, BR-820, BR-821, BR-822, BR-823, BR-824, BR-825, BR-826, BR-827, BR-828, BR-829, BR-830, BR-831, BR-832, BR-833, BR-834, BR-835, BR-836, BR-837, BR-838, BR-839, BR-840, BR-841, BR-842, BR-843, BR-844, BR-845, BR-846, BR-847, BR-848, BR-849, BR-850, BR-851, BR-852, BR-853, BR-854, BR-855, BR-856, BR-857, BR-858, BR-859, BR-860, BR-861, BR-862, BR-863, BR-864, BR-865, BR-866, BR-867, BR-868, BR-869, BR-870, BR-871, BR-872, BR-873, BR-874, BR-875, BR-876, BR-877, BR-878, BR-879, BR-880, BR-881, BR-882, BR-883, BR-884, BR-885, BR-886, BR-887, BR-888, BR-889, BR-890, BR-891, BR-892, BR-893, BR-894, BR-895, BR-896, BR-897, BR-898, BR-899, BR-900, BR-901, BR-902, BR-903, BR-904, BR-905, BR-906, BR-907, BR-908, BR-909, BR-910, BR-911, BR-912, BR-913, BR-914, BR-915, BR-916, BR-917, BR-918, BR-919, BR-920, BR-921, BR-922, BR-923, BR-924, BR-925, BR-926, BR-927, BR-928, BR-929, BR-930, BR-931, BR-932, BR-933, BR-934, BR-935, BR-936, BR-937, BR-938, BR-939, BR-940, BR-941, BR-942, BR-943, BR-944, BR-945, BR-946, BR-947, BR-948, BR-949, BR-950, BR-951, BR-952, BR-953, BR-954, BR-955, BR-956, BR-957, BR-958, BR-959, BR-960, BR-961, BR-962, BR-963, BR-964, BR-965, BR-966, BR-967, BR-968, BR-969, BR-970, BR-971, BR-972, BR-973, BR-974, BR-975, BR-976, BR-977, BR-978, BR-979, BR-980, BR-981, BR-982, BR-983, BR-984, BR-985, BR-986, BR-987, BR-988, BR-989, BR-990, BR-991, BR-992, BR-993, BR-994, BR-995, BR-996, BR-997, BR-998, BR-999, BR-1000

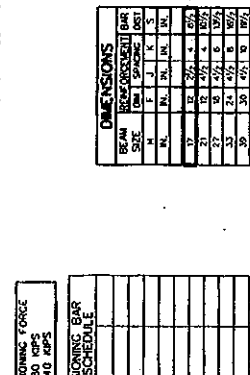
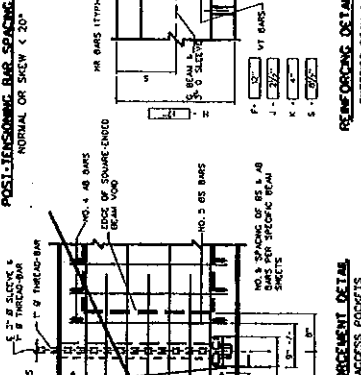
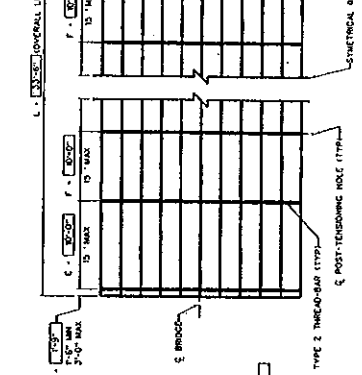
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REGION PROJECT NUMBER	3
COUNTY	CALHOUN
SHEET NO.	18
TOTAL SHEETS	27



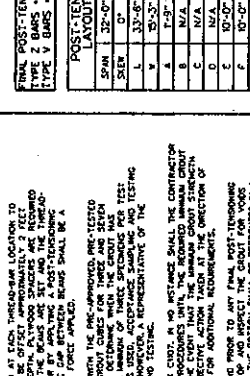
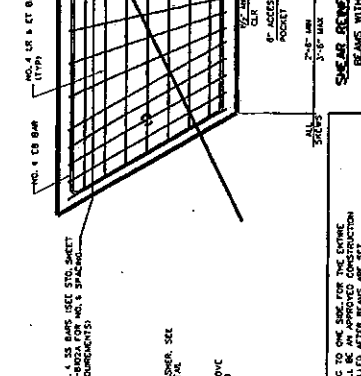
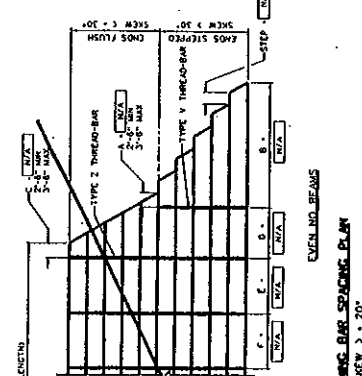
WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 ENGINEERING DIVISION
 BRIDGE NO. 07-576-0.02
 OVER
 MILLSTONE CREEK
 ON
 COUNTY ROUTE 5/6 (SL)



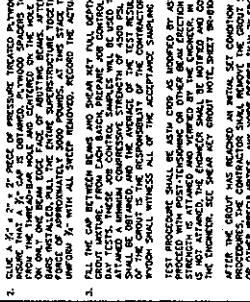
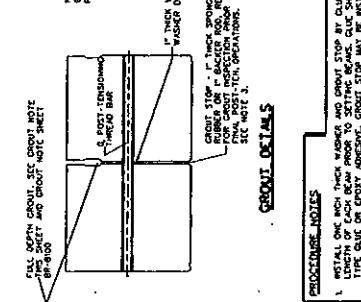
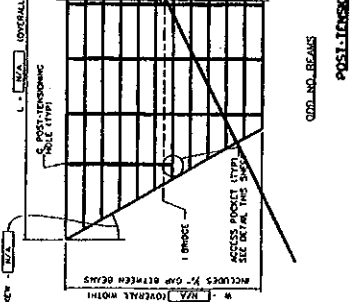
STEP	BAR	LENGTH	NO.
1	TYPE 1 THREADED BAR	10'-0"	2
2	TYPE 2 BARS + 60 GRS	10'-0"	2
3	TYPE 3 BARS + 60 GRS	10'-0"	2
4	TYPE 4 BARS + 60 GRS	10'-0"	2
5	TYPE 5 BARS + 60 GRS	10'-0"	2
6	TYPE 6 BARS + 60 GRS	10'-0"	2
7	TYPE 7 BARS + 60 GRS	10'-0"	2
8	TYPE 8 BARS + 60 GRS	10'-0"	2
9	TYPE 9 BARS + 60 GRS	10'-0"	2
10	TYPE 10 BARS + 60 GRS	10'-0"	2



STEP	BAR	LENGTH	NO.
1	TYPE 1 THREADED BAR	10'-0"	2
2	TYPE 2 BARS + 60 GRS	10'-0"	2
3	TYPE 3 BARS + 60 GRS	10'-0"	2
4	TYPE 4 BARS + 60 GRS	10'-0"	2
5	TYPE 5 BARS + 60 GRS	10'-0"	2
6	TYPE 6 BARS + 60 GRS	10'-0"	2
7	TYPE 7 BARS + 60 GRS	10'-0"	2
8	TYPE 8 BARS + 60 GRS	10'-0"	2
9	TYPE 9 BARS + 60 GRS	10'-0"	2
10	TYPE 10 BARS + 60 GRS	10'-0"	2



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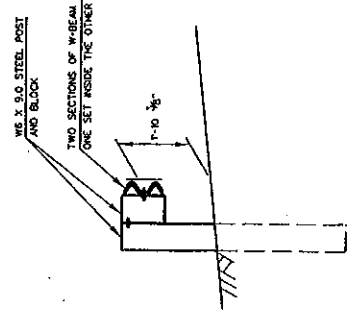
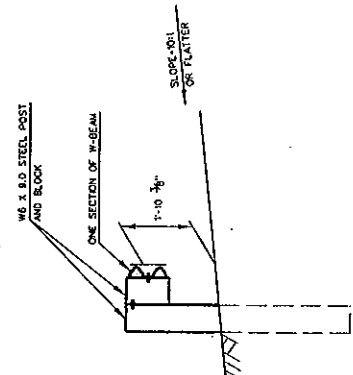
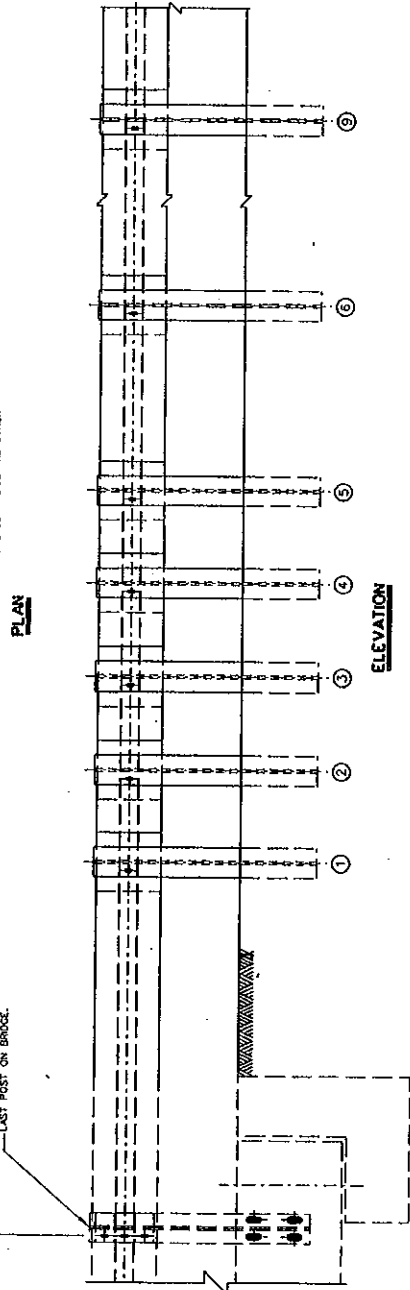
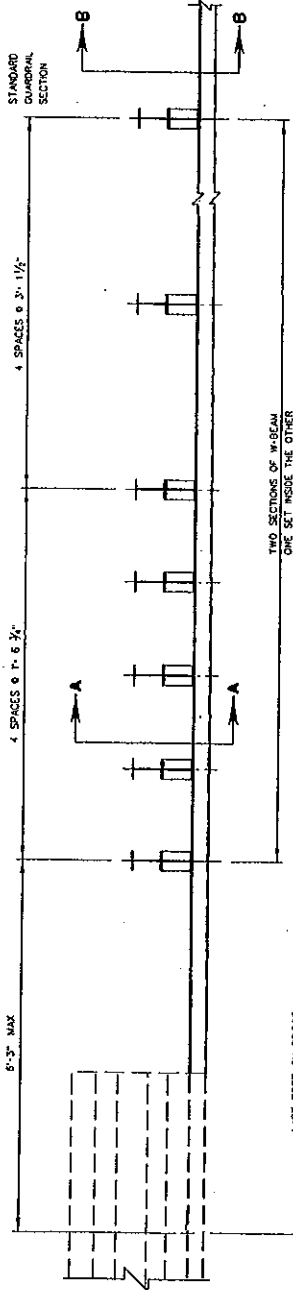
PROVISION NOTES

- INSTALL ONE (1) INCH THICK WASHER AND GROUT STOP BY CLUNG TO ONE SIDE FOR THE ENTIRE LENGTH OF EACH ACCESS POCKET. GROUT STOP MAY BE INSTALLED AT THE OTHER END OF THE POCKET.
- USE A 3/4" x 3/4" x 3/4" PIECE OF SPONGE RUBBER IN EACH ACCESS POCKET. THE SPONGE RUBBER SHALL BE ATTACHED TO THE BEARING PLATE AND COVERED ON THE HOLE WITH PLASTIC WRAP. THE SPONGE RUBBER SHALL BE INSTALLED IN THE ENTIRE ACCESS POCKET TOGETHER WITH A POST-TENSIONING BAR. THE SPONGE RUBBER SHALL BE INSTALLED IN THE ENTIRE ACCESS POCKET TOGETHER WITH A POST-TENSIONING BAR. THE SPONGE RUBBER SHALL BE INSTALLED IN THE ENTIRE ACCESS POCKET TOGETHER WITH A POST-TENSIONING BAR.
- FILL THE GAP BETWEEN BEAMS AND POCKET WITH ALL GROUT. THE GROUT SHALL BE INSTALLED IN THE GAP BETWEEN BEAMS AND POCKET. THE GROUT SHALL BE INSTALLED IN THE GAP BETWEEN BEAMS AND POCKET. THE GROUT SHALL BE INSTALLED IN THE GAP BETWEEN BEAMS AND POCKET.
- MEASURE AND RECORD IN THE ELONGATION TABLE THE ACTUAL TOTAL ELONGATION OF EACH THREADED BAR. THE ELONGATION SHALL BE MEASURED AT THE END OF THE BAR. THE ELONGATION SHALL BE MEASURED AT THE END OF THE BAR. THE ELONGATION SHALL BE MEASURED AT THE END OF THE BAR.
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- USING SAW TIM EXCESS THREADED-BAR LEAVING 4" TO 6" PAST THE NUT. DO NOT TRIM THREADED-BARS.
- INSTALL ANCHOR DOWELS AS DETAIL ON STANDARD SHEETS BR-801 AND BR-802A.

PROJECT NUMBER	CONTRACT	COUNTY	SHEET NO.	TOTAL
STATE	SECTION		20	27
S307-5/6-0.01	3	CALHOUN		

NOTES

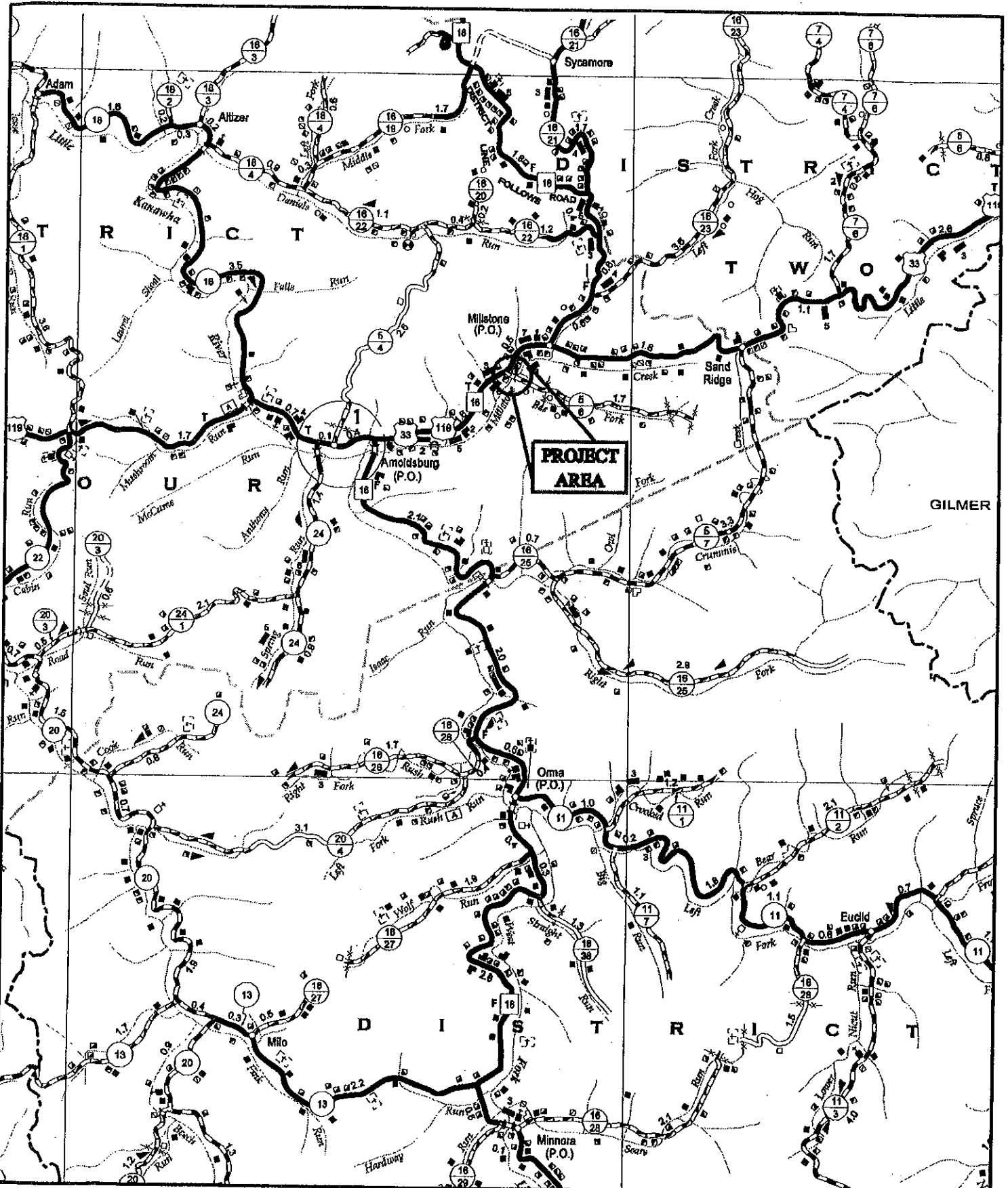
1. THIS GUARDRAIL TRANSITION IS APPROPRIATE FOR CONNECTION TO GUARDRAIL ON BRIDGE.
2. W-BEAM IS NOT BOLTED TO POSTS AT POSTS 2 THROUGH 4 AND POST 5.
3. SEE STANDARD SHEET BR-5104 FOR ANCHOR DETAILS.
4. THERE IS NO SEPARATE PAY ITEM FOR THIS CONNECTION AND ALL COMPONENTS AS DETAIL HEREIN SHALL BE INCLUDED IN THE CONTRACT PRICE FOR GUARDRAIL.



THIS SHEET SHALL BE USED IN CONJUNCTION WITH STANDARD SHEETS BR-817A & B THRU BR-842A & B, BR-8100, BR-8101, BR-8102A & B, BR-8103 & BR-8104 AS APPLICABLE.

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS ENGINEERING DIVISION	
BRIDGE NO. 07-5/6-0.02	DESIGNED BY/CHKD BY/REVISED BY/DATE/SCALE
MILLSTONE CREEK ON COUNTY ROUTE 5/6 (SLS) IN CALHOUN COUNTY	QUINN STRUBB/DAVID STRUBB/3-11
TYPE TL-2 GUARDRAIL TRANSITION	SHEET 20 OF 27 07-2004

APPROVED	DATE
<i>James B. ...</i>	07-02-07
WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRANSPORTATION SECTION	
PROCESSED CHECKED BY/SECTION & APPROVAL DETAILS	
STANDARD SHEET BR-5106	



BRIDGE REPLACEMENT STUDY
BEE FORK SS BRIDGE #SS07-5/6-0.02
PROJECT NO. S307-5/6-0.01
CALHOUN COUNTY

WEST VIRGINIA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT THREE BRIDGE DEPARTMENT

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with **West Virginia Code**, §5A-3-37. (Does not apply to construction contracts). **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

1. Application is made for 2.5% resident vendor preference for the reason checked:

- _____ Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or**,
- _____ Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; **or**,
- _____ Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; **or**,

2. Application is made for 2.5% resident vendor preference for the reason checked:

- _____ Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,

3. Application is made for 2.5% resident vendor preference for the reason checked:

- _____ Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; **or**,

4. Application is made for 5% resident vendor preference for the reason checked:

- _____ Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; **or**,

5. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:

- _____ Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; **or**,

6. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:

- _____ Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: _____

Signed: _____

Date: _____

Title: _____

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

RFQ No. _____

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: _____

Authorized Signature: _____ Date: _____

State of _____

County of _____, to-wit:

Taken, subscribed, and sworn to before me this ____ day of _____, 20__.

My Commission expires _____, 20__.

AFFIX SEAL HERE

NOTARY PUBLIC _____

Please use this document for technical questions, posing in question format.

Technical Questions for RFQ: _____

Vendor Name: _____

Questions:

2.0 Scope of Work

2.1 Technical Requirements

2.2 Freight

2.3 Delivery

3.0 Invoicing

4.0 Award

Other:
