



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
05100377

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
**MICHAEL AUSTIN
 304-558-2402**

VENDOR

**RFQ COPY
 TYPE NAME/ADDRESS HERE**

SHIP TO

**DIVISION OF HIGHWAYS
 JOBSITE
 SEE SPECIFICATIONS**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
02/17/2010				

BID OPENING DATE: **03/03/2010** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		210-16		
<p>PRESTRESSED CONCRETE BOX BEAMS</p> <p>TO PROVIDE PRESTRESSED CONCRETE BOX BEAMS AND HARDWARE FOR LOMAN BRANCH BRIDGE PROJECT S314-23/9-0.67 IN HAMPSHIRE COUNTY FOR THE WEST VIRGINIA DIVISION OF HIGHWAYS PER THE ATTACHED SPECIFICATIONS.</p> <p>EXHIBIT 10</p> <p>REQUISITION NO.:</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <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>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

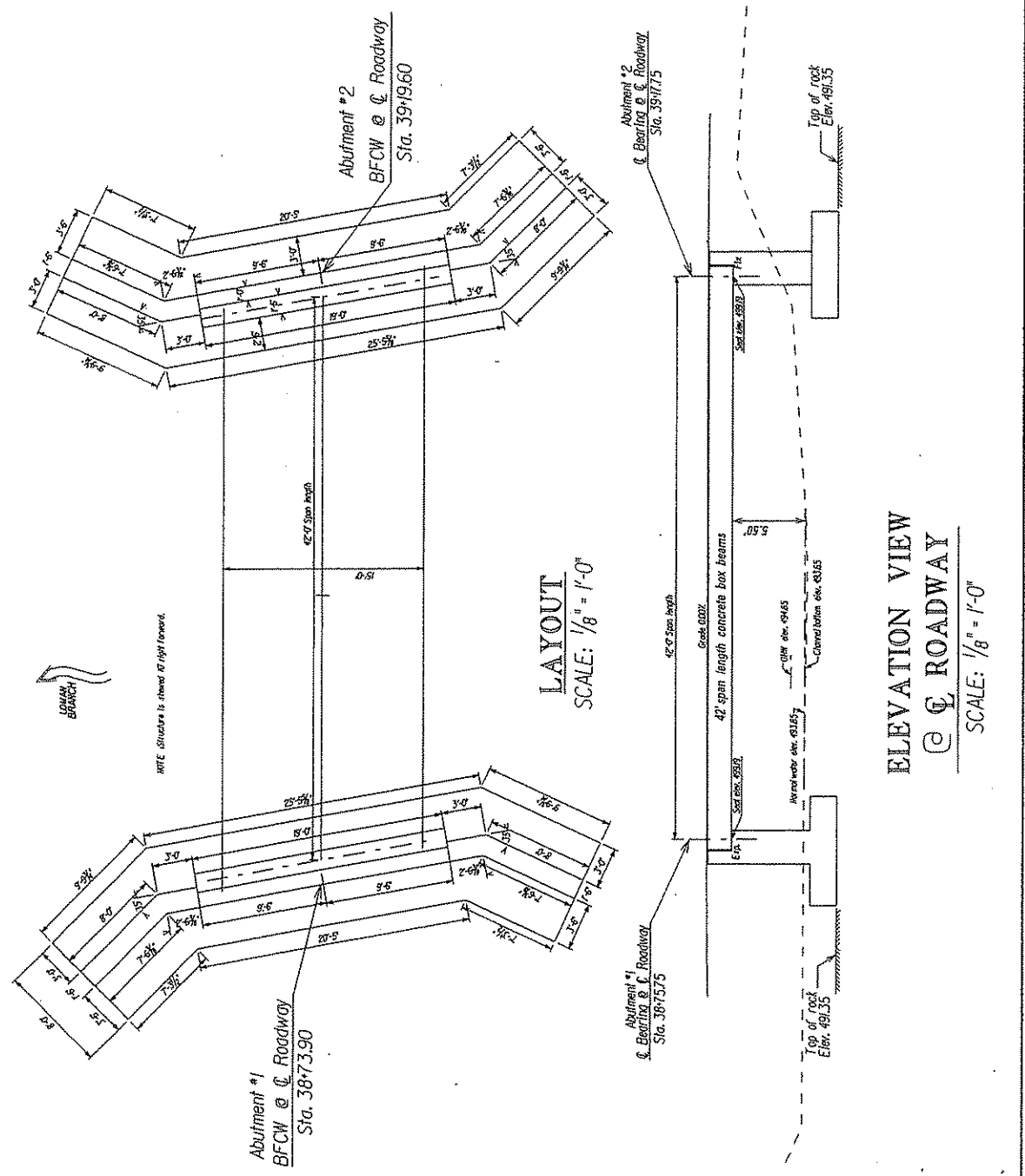
WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

STATE PROJECT NO. 534-2379-0.67	GENERAL PROJECT NUMBER	STATE DIST. NO. 5	COUNTY HAMPSHIRE	SHEET NO. 7	TOTAL SHEETS 20
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HYDRAULIC DATA

DRAINAGE AREA = 6,416 ACRES
 Q 10 (USGS METHOD) - xxx CFS
 NEW OPENING - 205 S.F.
 EXISTING OPENING - 63 S.F.
 ELEVATION BOTTOM OF SUPER-STRUCTURE (NEW) - 499.25
 ELEVATION BOTTOM OF SUPER-STRUCTURE (EXISTING) - N/A

Note: Area of each footer is 320 sq. ft.



LAYOUT
 SCALE: 1/8" = 1'-0"

ELEVATION VIEW
 @ C. ROADWAY
 SCALE: 1/8" = 1'-0"

W. VA. DEPARTMENT OF HIGHWAYS STRUCTURES DIVISION	LOMAN BRANCH BRIDGE OVER LOMAN BRANCH IN HAMPSHIRE COUNTY	SHEET 1 OF 11 BRIDGE NO. 14-2379-0.65
--	---	---

DESIGNED	DATE 5-09
CHECKED	DATE 5-09
DRAWN	DATE
CHECKED	DATE

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).



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
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 SEE SPECIFICATIONS

DATE PRINTED	TERMS OF SALE	SHIP TO	F.O.B.	FREIGHT TERMS
02/17/2010				

BID OPENING DATE: 03/03/2010 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<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> <p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.</p> <p>REV. 09/21/2009</p> <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</p>						

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 JOBSITE
 SEE SPECIFICATIONS

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BID OPENING DATE: **03/03/2010** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED: SEALED BID BUYER: 33 RFQ. NO.: 05100377 BID OPENING DATE: ----- BID OPENING TIME: ----- PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: ----- CONTACT PERSON (PLEASE PRINT CLEARLY): ----- ***** THIS IS THE END OF RFQ 05100377 ***** TOTAL: _____						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
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SPECIFICATIONS

The following sections of the West Virginia Department of Transportation, Division of Highways Standard Specifications Road and Bridges, adopted 2000 as modified by the January 1, 2003 Supplemental Specifications shall apply to the administration of this requisition: Sections 101, 102.4, 102.5, 105.1, 105.3, 105.4, 105.10, 105.11, 105.12, 105.13, 106.3, 106.4, 106.5, 106.6, 106.7, 106.9, 107.1, 107.2, 107.3, 107.14, 107.19, 107.20, 108.8, 108.9, 109.1, 109.2 and 109.20.

All items supplied under this requisition shall meet the requirements of the "West Virginia Department of Transportation, Division of Highways Standard Specifications Road and Bridges, adopted 2000, as modified by the January 1, 2009 Supplemental Specifications.

All Prestressed Concrete Box Shaped Beams shall be manufactured in accordance with West Virginia Department of Transportation, Division of Highways Standard Bridge Plan Sheets dated 9/96 as follows:

<u>Item Description</u>	<u>Standard Sheet No</u>	<u>Revision Date</u>
21" Box Beam	BR-B21A & BR-B21B	9/96
Beam Details	BR-B100, BR-B101, BR-B102 & BR-B104	9/96
Post-Tensioning Details	BR-B103	9/96

Alternates to the above Division of Highways standards will be permitted if approved by the District Five Bridge Engineer. Alternate designs must be submitted for approval on the Design Data Charts provided as a part of the quotation sheets for this requisition and must be approved prior to award of this requisition purchase order. In addition to the design criteria contained on the Division of Highways Standard Bridge Plan Sheets referenced above, all alternate designs must be based on the following criteria:

- A. Two lane bridge with a deck width of 24'-0" out to out and roadway width of 23'-0" rail to rail.
- B. Guardrail superimposed dead load of 30 pounds per linear foot assumed to be applied equally to all beams.
- C. Future wearing surface superimposed dead load of 25 psf applied equally to all beams.

D. Live loading of 1.25X HS20-44 (HS25).

The terms "Contractor" and "Vendor" used in the above specifications or this requisition are interchangeable. Contractor shall mean Vendor and Vendor shall mean Contractor.

West Virginia Department of Transportation, Division of Highways Standard Specifications Road and Bridges, adopted 2000 and Supplemental Specifications dated January 1, 2009 may be obtained from:

WEST VIRGINIA DIVISION OF HIGHWAYS
 CONTRACT ADMINISTRATION DIVISION
 1900 KANAWHA BLVD, EAST
 BLDG. 5, ROOM A-729
 CHARLESTON, WV 25305
 PHONE (304) 558-2871

West Virginia Department of Transportation, Division of Highways Standard Bridge Plan Sheets may be obtained from:

WEST VIRGINIA DIVISION OF HIGHWAYS
 DISTRICT FIVE HEADQUARTERS, BRIDGE DEPT.
 P.O. BOX 99
 BURLINGTON, WV 26710-0099
 PHONE (304) 289-2220

ACCEPTANCE

Cracks developing in a beam may be cause for rejection of the beam. Cracks that are not detrimental to the structural integrity of the beam, as determined by the Division of Highways, may be accepted under the following conditions:

- 1) Cracks of 0.004 inch or less shall be treated with a second coat of a Division of Highways approved concrete sealer.
- 2) Cracks of greater than 0.004 inch shall be treated by a Division of Highways approved epoxy injection methods.

All concrete sealer and epoxy injection required for acceptance shall be performed at no additional cost to the Division of Highways.

DELIVERY

Upon receipt of a State Purchase Order the Vendor shall submit shop drawings to the District Five Bridge Engineer within twenty (20) calendar days. Shop drawings must be approved the Division of Highways prior to the manufacture of any beam sections.

All beam sections and accessories shall be available for delivery to the specified delivery site within (60) calendar days after Vendor's receipt of approved shop drawings.

The Division of Highways requires that all 5 beam sections be delivered on the same day.

Should the Vendor fail to meet the above delivery schedule, liquidated damages will be assessed in accordance with Section 108.7 of the current Division of Highways Standard Specifications Road and Bridges.

Prior to delivery, all Beams, Accessories, and Optional Items shall be inspected for acceptance in accordance with Section 603 of the Division of Highways Standard Specifications Road and Bridges adopted 2000 as modified by the January 1, 2009 Supplemental Specifications.

VENDOR INVOICE

Vendors invoices must be submitted in original and one copy and contain the following:

- a. Division of Highways Requisition Purchase Order number.
- b. Total quantity and unit price with the total cost of each Item.

NOTE: Under no circumstance will the West Virginia Division of Highways, accept or pay for quantities of material in excess of the quantity stated on the Requisition Purchase Order.

PARTIAL PAYMENT OF APPROVED BOXES & BEAMS

Upon completion of manufacture and approval by the Division of Highways of all Box Sections and Beams specified on an individual State Contract Order (SCO), the vendor may invoice and the Division will pay for the cost of manufacturing the Box Sections and Beams, not to exceed 65% of the total cost of the delivered Box Sections and Beams. Partial payment for Box Sections and Beams shall be subject to the following conditions:

- a. The vendor must request partial payment and furnish an official invoice for the manufactured and approved Box Sections and Beams.

- b. The partial payment invoice shall be accompanied by a surety bond equal to the invoiced amount guaranteeing delivery of all items specified on the State Contract Order (SCO).
- c. The vendor shall furnish a statement of approved Box Sections and Beams condition and exact storage location.
- d. The vendor shall furnish a legal right-of-entry onto the storage site to Division of Highways' employees and/or agents for the purpose of inspecting, sampling, testing and removing any or all Box Sections and Beams.
- e. The vendor shall certify that the stored Box Sections and Beams are suitably marked and identified as property of the Division of Highways and will not be used for any purpose not designated by the Division.
- f. The vendor shall furnish an official invoice and the Division of Highways shall process that invoice for the remaining amount (not to exceed 35%) of the total cost of the units upon acceptance of delivery by the Division of Highways.

PRESTRESSED CONCRETE BOX BEAMS & ASSOCIATED HARDWARE

LOMAN BRANCH BRIDGE

STATE PROJECT NO. S314-23/9-0.67

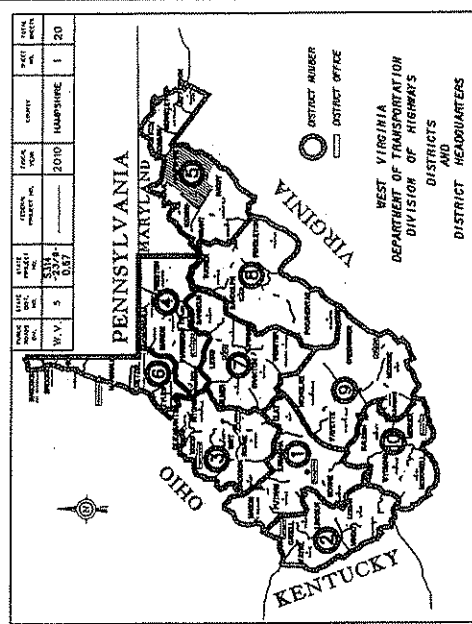
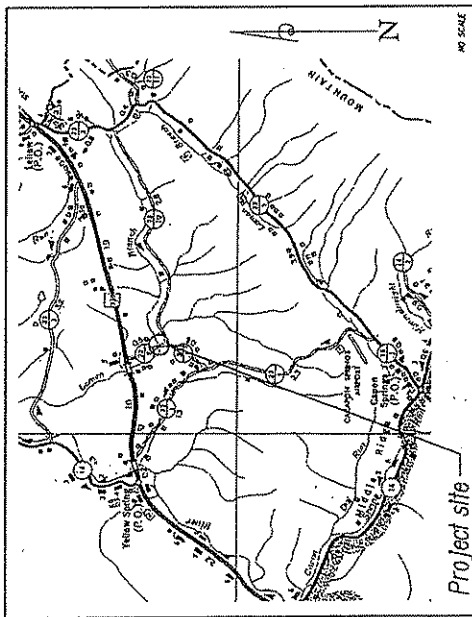
<u>ITEM</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>	<u>Unit Price</u>	<u>Amount</u>
01.	2 EACH	EXTERIOR BEAMS 21" depth x 36" width x 43'-6" overall length (42'-0" c-c bearing anchor bolt holes). With all guardrail & hardware attached.	_____	_____
02.	3 EACH	INTERIOR BEAMS 21" depth x 36" width x 43'-6" overall length (42'-0" c-c bearing anchor bolt holes).	_____	_____
03.	10 EACH	ELASTOMERIC BEARING PADS (3/4" thick x 5" x 24").	_____	_____
04.	10 EACH	NO. 8 DEFORMED ANCHOR BOLT (Grade 60) bar. 1" diameter x 2'-0" length.	_____	_____
05.	32 LF	PREFORMED JOINT FILLER (1" thick x 21").	_____	_____
06.	4 EACH	POST TENSIONING BARS (1" diameter, threaded, 4 – 18' full length bars, with all plates, hex nuts and other hardware as required).	_____	_____
TOTAL				\$ _____

EXTERIOR BEAMS ARE TO BE SHIPPED COMPLETE WITH ALL GUARDRAIL, INSERTS, GUARDRAIL POSTS, AND GUARDRAIL ATTACHED.

ALL BEAMS AND OTHER ITEMS ARE TO BE IN ACCORDANCE WITH THE ATTACHED PLANS AND SPECIFICATIONS FOR THIS PROJECT.

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR CONSTRUCTION

OF
LOMAN BRANCH BRIDGE
STATE PROJECT NO. S314-23/9-0.67
ROUTE NO. CO. 23/9 (SLS)
CAPON DISTRICT
HAMPSHIRE COUNTY
BRANCH OF KUMP ROAD



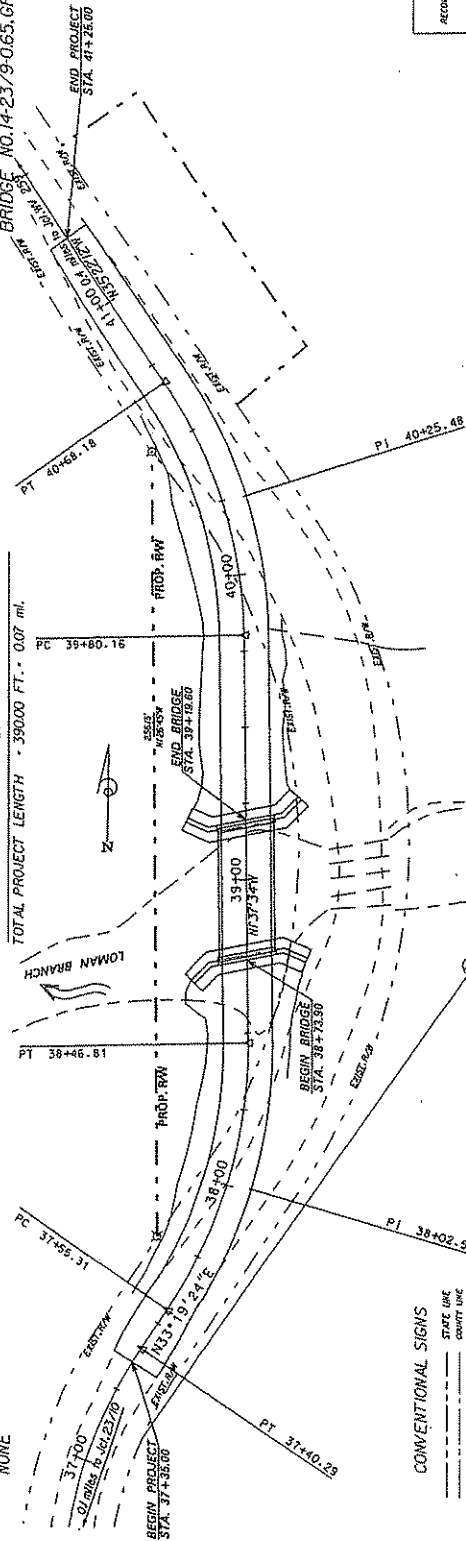
PROJECT LENGTH

BEGIN PROJECT STATION 37+35.00
END PROJECT STATION 41+25.00
TOTAL PROJECT LENGTH - 390.00 FT. - 0.07 mi.

UTILITIES ENCOUNTERED

NONE

TYPE OF CONSTRUCTION
BRIDGE NO. 14-23/9-0.65, GRADE, DRAIN, & PAVE



PLAN HOR. SCALE

PROFILE VERT. HOR. SCALE

DESIGN DESIGNATION

- A. D. T. (R&B) L. 20
- A. D. T. (R&B) L. 12
- D. H. V. 1
- T. 1
- V. 1

CONVENTIONAL SIGNS

- STATE LINE
- COUNTY LINE
- COOPERATION LINE
- PROPOSED PAVE LINE
- EXISTING PAVE LINE
- EXISTING FENCE
- PROPOSED FENCE
- PROPOSED GRADE PAIR
- EXISTING GRADE PAIR
- RAILROAD
- Gas LINE
- TELEPHONE LINE
- ELECTRIC LINE
- TELEPHONE POLE
- POWER POLE
- CORNER POWER AND TELEPHONE POLE
- FACE
- POINT OF MAX. WATER

INDEX TO SHEETS

NO.	DESCRIPTION
1	PLAN SHEET
2	ESTIMATE OF QUANTITIES
3	GENERAL NOTES
4	MAINTENANCE OF TRAFFIC
5	PLAN SHEET
6	PROFILE AND SPECIAL SECTION
7	BRIDGE SECTIONS

RECOMMENDED	-----	ENGINEER'S SIGNATURE
APPROVED	-----	DISTRICT ENGINEER
APPROVED	-----	DISTRICT HEADQUARTERS

PROJECT NO. S314-23/9-0.67

STATE	PROJECT NUMBER	COUNTY	SHEET TOTAL
NO.			NO. OF SHEETS
5	5314-2378-0-67	HAMPSHIRE	9 OF 20

CONTROL ELEVATIONS

CODE	ABUTMENT 1	ABUTMENT 2
1	501.00	501.00
2	499.19	499.19

CONTROL ELEVATIONS ESTABLISHED FROM SURVEY

CONTROL STATIONING

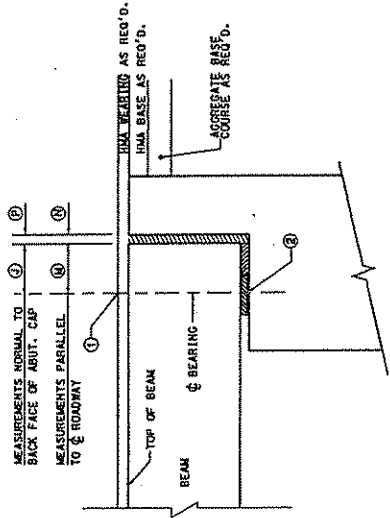
CODE	LOCATION	STATION VALUE
3	ROADWAY AT	3845.13
4	ROADWAY AT	3845.13

CONTROL STATIONING ESTABLISHED FROM SURVEY

CONTROL DIMENSIONS

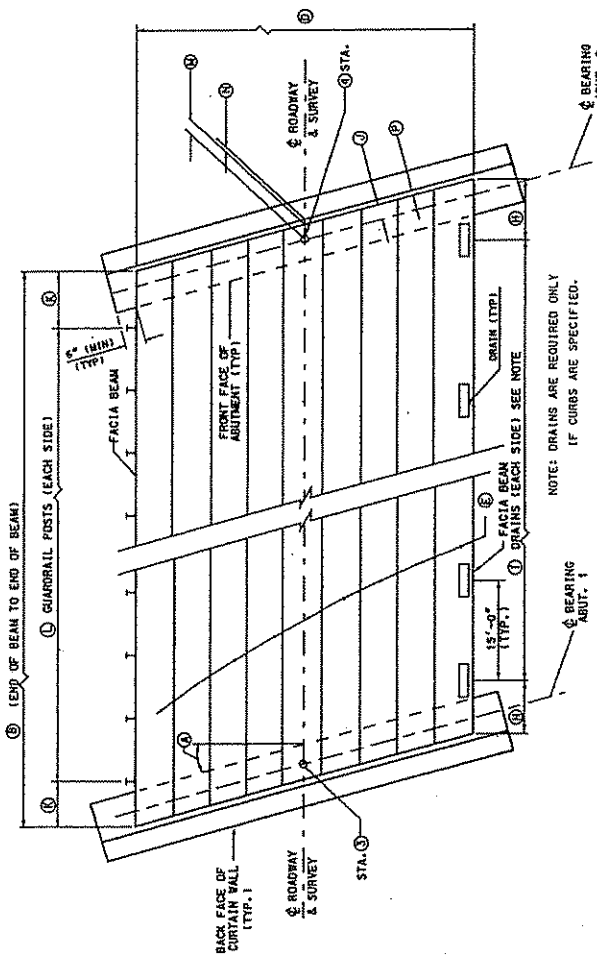
DIMENSION	CODE	VALUE
SPREAD CROSSING	A	10' 0"
LENGTH OF BEAMS, OUT-TO-OUT	D	43'-4"
DECK WIDTH, OUT-TO-OUT	E	13'-0"
NUMBER OF BEAMS	F	5
SPAN LENGTH, ϕ BEARING TO ϕ BEARING	G	42'-0"
DISTANCE FROM END OF BEAM TO ϕ OF DRAIN	H	N/A
NUMBER OF DRAINS, EACH SIDE	I	N/A
PERPENDICULAR DISTANCE FROM ϕ BEARING TO END OF BEAM TO FIRST OCCUPANCIAL POST	J	0' 0"
PERPENDICULAR DISTANCE FROM ϕ BEARING TO END OF BEAM TO FIRST OCCUPANCIAL POST EACH SIDE	K	1'-3"
NUMBER OF OCCUPANCIAL POSTS EACH SIDE	L	14
DISTANCE FROM ϕ BEARING TO END OF BEAM (PARALLEL TO ϕ ROAD)	M	3'
WIDTH OF EXPANSION OPENING PARALLEL TO ϕ OF ROADWAY	N	1'
PERPENDICULAR WIDTH OF EXPANSION OPENING	P	1'
GRADE \pm	R	0%

IF BEARING SURFACE IS COATED, AFFECTED ELEVATIONS SHALL BE TAKEN AT THE TOP SURFACE OF THE BEAM.

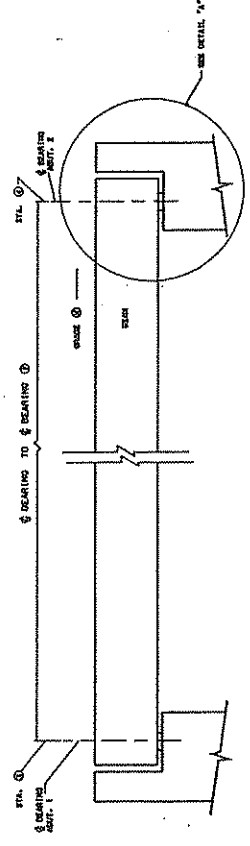


CONTROL ELEVATIONS & BEARING DIMENSIONS ALONG ϕ ROADWAY

DETAIL "A"



SUPERSTRUCTURE LAYOUT PLAN



SUPERSTRUCTURE ELEVATION ALONG ϕ ROADWAY

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - STRUCTURES

LOMAN BRANCH BRIDGE
OVER
LOMAN BRANCH
IN
HAMPSHIRE COUNTY
SUPERSTRUCTURE PLAN

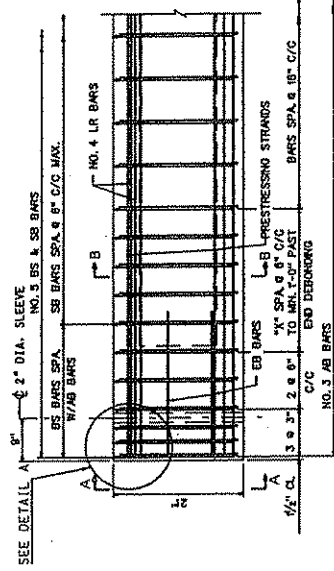
CONTRACT NO. 5314-2378-0-67
DRAWN BY: G.H.
CHECKED BY: G.H.
DESIGNED BY: G.H.
DATE: 5-52
SCALE: AS SHOWN
BRIDGE NUMBER: 14-2378-0-67
BRIDGE DESIGN NO. 14-2378-0-67

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - STRUCTURES
REINFORCEMENT FOR CONCRETE
CONCRETE STAIRS
SUPERSTRUCTURE PLAN - ARCH FORMING, ETC.
SHEET BR-4A

STATE	PROJECT NUMBER	COUNTY	SHEET TOTAL
VA	511-517-0-87	HAMPSHIRE	NO. OF SHEETS
1/16			12 OF 20

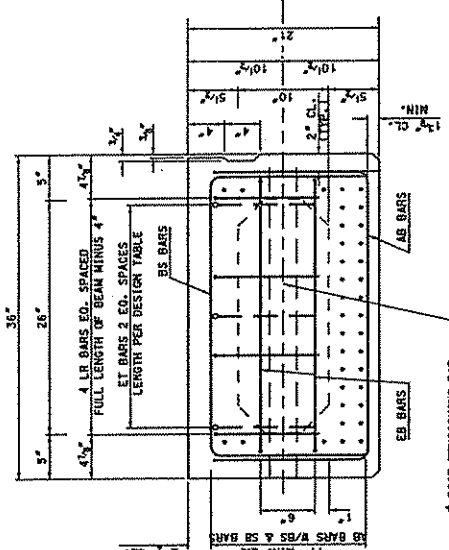
NOTES:

- ALL NON-PRESTRESSING REINFORCING BARS SHALL BE GRADE 60.
- ALL REINFORCING BARS SHALL BE ENCASED IN CONCRETE.
- ALL STRINGS SHALL BE ENCASED IN CONCRETE.
- THIS SHEET TO BE USED WITH STANDARD SHEET NUMBERS BR-101, BR-102, BR-103, BR-104, BR-105, BR-106, BR-107, BR-108, BR-109, BR-110, BR-111, BR-112, BR-113, BR-114, BR-115, BR-116, BR-117, BR-118, BR-119, BR-120, BR-121, BR-122, BR-123, BR-124, BR-125, BR-126, BR-127, BR-128, BR-129, BR-130, BR-131, BR-132, BR-133, BR-134, BR-135, BR-136, BR-137, BR-138, BR-139, BR-140, BR-141, BR-142, BR-143, BR-144, BR-145, BR-146, BR-147, BR-148, BR-149, BR-150, BR-151, BR-152, BR-153, BR-154, BR-155, BR-156, BR-157, BR-158, BR-159, BR-160, BR-161, BR-162, BR-163, BR-164, BR-165, BR-166, BR-167, BR-168, BR-169, BR-170, BR-171, BR-172, BR-173, BR-174, BR-175, BR-176, BR-177, BR-178, BR-179, BR-180, BR-181, BR-182, BR-183, BR-184, BR-185, BR-186, BR-187, BR-188, BR-189, BR-190, BR-191, BR-192, BR-193, BR-194, BR-195, BR-196, BR-197, BR-198, BR-199, BR-200, BR-201, BR-202, BR-203, BR-204, BR-205, BR-206, BR-207, BR-208, BR-209, BR-210, BR-211, BR-212, BR-213, BR-214, BR-215, BR-216, BR-217, BR-218, 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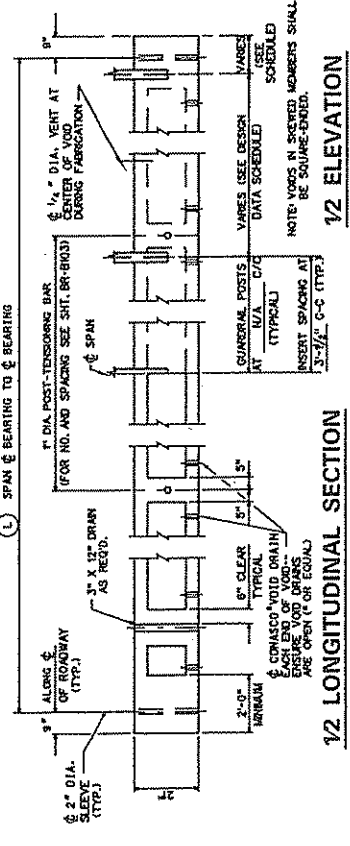


REINFORCING STEEL ELEV. VIEW

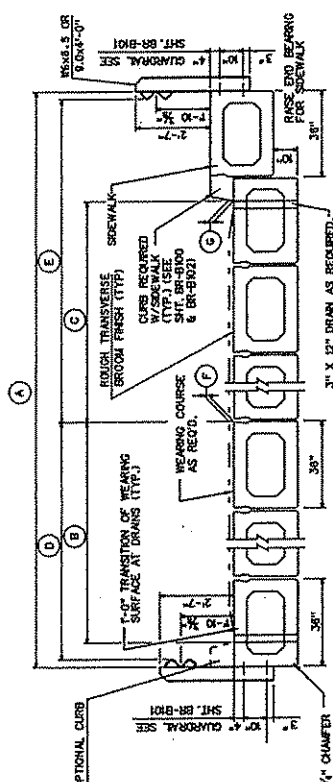
NOTE: SEE SHEET BR-801 FOR REINFORCING BAR DETAILS AND FOR REINFORCEMENT LAYOUT DETAILS FOR SKEWED BEAMS.



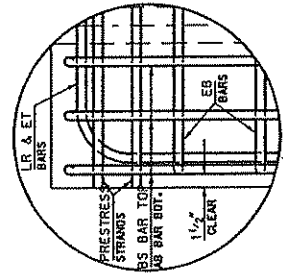
SECTION A-A TYPICAL BEAM REINFORCEMENT



1/2 LONGITUDINAL SECTION



TYPICAL CROSS-SECTION (AT MID-SPAN)



DETAIL A

CODE	DESCRIPTION	VALUE	DESCRIPTION	VALUE
A	DECK WIDTH, OUT TO OUT	19'-0"	HOT-LAD BITUMINOUS CONCRETE REQUIRED (YES OR NO)	NO
B	DISTANCE FROM FACE OF CURB (NO SIDEWALK)	N/A	GUARDRAIL REQUIRED (YES OR NO)	YES
C	DISTANCE FROM FACE OF CURB (WITH SIDEWALK)	N/A	DRAINS REQUIRED (YES OR NO)	NO
D	DISTANCE FROM FACE OF GUARDRAIL (NO SIDEWALK)	7'-8"	CURTAIN WALL REQUIRED (YES OR NO)	YES
E	DISTANCE FROM FACE OF GUARDRAIL (WITH SIDEWALK)	N/A	GUARDRAIL SETOUT REQUIRED (YES OR NO)	YES
F	THICKNESS OF WEARING COURSE AT FACE OF ROADWAY	N/A	GUARDRAIL BLOCKOUT REQUIRED (YES OR NO)	NO
G	THICKNESS OF WEARING COURSE AT FACE OF CURB	N/A		
L	SPAN LENGTH, FACE TO FACE OF BEARING	42'		

CODE	DESCRIPTION	VALUE
A	DECK WIDTH, OUT TO OUT	19'-0"
B	DISTANCE FROM FACE OF CURB (NO SIDEWALK)	N/A
C	DISTANCE FROM FACE OF CURB (WITH SIDEWALK)	N/A
D	DISTANCE FROM FACE OF GUARDRAIL (NO SIDEWALK)	7'-8"
E	DISTANCE FROM FACE OF GUARDRAIL (WITH SIDEWALK)	N/A
F	THICKNESS OF WEARING COURSE AT FACE OF ROADWAY	N/A
G	THICKNESS OF WEARING COURSE AT FACE OF CURB	N/A
L	SPAN LENGTH, FACE TO FACE OF BEARING	42'

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS-STRUCTURES

LOWMAN BRANCH BRIDGE
OVER
LOWMAN BRANCH
IN
HAMPSHIRE COUNTY

21" PRESTRESSED BOX BEAM
DESIGN & ASSEMBLY DETAILS

DESIGNED BY: BR-827A

PROJECT NO.	3314-273-0-47	COUNTY	HAMPSHIRE	SHEET TOTAL	13
DATE	5/1/80	PROJECT NUMBER		NO.	13
BY		PROJECT NUMBER		NO.	20

MIN. CONCRETE STRENGTH @ DETENSION = 4,000 PSI.
 MIN. CONCRETE STRENGTH @ 28 DAYS = 5,000 PSI.
 JACKING FORCE/ACTY RELAX STRAND = 30000 LBS.

DESIGN DATA FOR 21" DEPTH BOX BEAM

SPAN LENGTH @ TO BEARINGS	SPAN LENGTH @ TO BEARINGS									
	30'	32'	34'	36'	38'	40'	42'	44'	46'	48'
OVERALL LENGTH ALONG ROADWAY	30'-0"	32'-0"	34'-0"	36'-0"	38'-0"	40'-0"	42'-0"	44'-0"	46'-0"	48'-0"
NO. OF GRADE 210, 1/2" DIA. LOW-RELAX. STRANDS, AREA/STRAND = 0.153 SQ. IN.	8	10	10	12	12	14	14	15	16	17
STRAND POSITION NUMBER	1, 2, 3, 4, 5, 6, 7, 8 13, 14, 15, 16, 17, 18, 19, 20, 21	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21
PRESTRESSING FORCE AT DETENSION (KIPS/BEAM)	241	299	299	356	356	413	413	441	470	498
FINAL PRESTRESSING FORCE (KIPS/BEAM)	223	273	274	321	323	368	370	393	417	440
ULTIMATE DESIGN MOMENT (FT-KIPS/BEAM)	345	397	444	453	542	582	643	685	746	797
ULTIMATE RESISTING MOMENT (FT-KIPS/BEAM)	375	481	481	583	583	679	679	725	757	801
TOTAL NUMBER OF DEBONDED STRANDS	-	-	-	-	-	-	-	-	-	-
LAYER 1-DEBONDED STRAND POSITION NUMBER AND LENGTH FROM EACH END	-	-	-	-	-	-	-	-	-	-
LAYER 2-DEBONDED STRAND POSITION NUMBER AND LENGTH FROM EACH END	-	-	-	-	-	-	-	-	-	-
END TENSION STEEL EACH END (SIZE & LENGTH)	3-#4 X 7'-0"	3-#4 X 7'-0"	3-#4 X 7'-0"	3-#4 X 8'-0"	3-#4 X 8'-0"	3-#4 X 8'-0"	3-#4 X 8'-0"	3-#4 X 8'-0"	3-#4 X 8'-0"	3-#4 X 8'-0"
DEBONDED, INCHES UPWARD (in)	0-09	0-18	0-18	0-30	0-31	0-46	0-46	0-55	0-61	0-71
ERECTOR, INCHES UPWARD (in)	0-11	0-27	0-26	0-47	0-46	0-70	0-59	0-82	0-88	1-02
FINAL, INCHES UPWARD (in)	0-08	0-28	0-24	0-48	0-43	0-72	0-56	0-78	0-79	0-91
WEIGHT OF TYPICAL BEAM INCLUDING DIAPHRAGM (CONST. 0.02)	9-1	9-6	10-1	10-6	11-2	11-7	12-2	12-7	13-4	15-5
NO. OF INSERTS	10	11	12	12	13	14	14	15	16	16
END OF BEAM TO END OF FIRST INSERT EACH END	1'-9"	1'-9"	1'-8"	1'-8"	1'-9"	1'-9"	1'-9"	1'-9"	1'-8"	1'-9"
END OF FIRST INSERT TO END OF SECOND INSERT EACH END	3'-0 1/2"	2'-8"	1'-11"	2'-11 1/4"	2'-4 1/2"	1'-8 1/4"	2'-8 1/4"	2'-3"	1'-8 1/4"	2'-8 1/4"

- NOTES:
1. DIMENSIONS SHOWN IN DESIGN TABLES ARE APPROXIMATE AND ARE BASED ON ZERO SKEW AND UNIFORM WEIGHTS. SPAN LENGTHS MAY VARY DUE TO VARIATION OF SKEW AND EXTERIOR DIMENSIONS WILL INCREASE HEIGHT.
 2. FOR STANDARD CURBS, ADD 93 LBS. (0.05 TON) PER CURB, PER FOOT OF BEAM.
 3. DIMENSIONS ONLY NOT TO BE USED FOR INSPECTION PURPOSES UNLESS PERMITTED BY THE DIRECTOR OF STRUCTURES DIVISION.
 4. DATA LISTED IN THE DESIGN TABLE MAY NOT BE VALID FOR SPAN LENGTHS THAT FALL BETWEEN SPAN LENGTHS LISTED. CONTRACTOR SHALL CONSULT WITH ENGINEER TO CALCULATE BEAM WEIGHTS AND DIMENSIONS FOR EACH BEAM.
 5. THIS SHEET TO BE USED WITH STANDARD SHEET NUMBERS BR-1 OR BR-1A, BR-21A, BR-8100, BR-901, BR-8102, BR-9103, AND BR-9104.
 6. MAXIMUM BEAM SKEW SHALL BE 30 DEGREES.
 7. DESIGNER, FABRICATOR AND ERECTOR SHALL BE AWARE THAT SKEWED BEAM ENDS MAY TWIST OR WARP, CAUSING UNEVEN BEAM SEATING AT THE BEARINGS. CONTRACTOR IS REQUIRED TO CORRECT AT THE TIME OF BEAM ERECTION BEFORE BEAMS ARE SECURED IN PLACE. METHOD OF CORRECTION SHALL PROVIDE EVEN, UNIFORM BEAM SEATING ON BEAM SURFACE. METHOD SHALL BE A PRE-APPROVED METHOD BY DIRECTOR OF STRUCTURES DIVISION.
 8. BEAM FABRICATOR SHALL NOTIFY CONTRACTOR THAT BEAM ENDS ARE TWISTED PRIOR TO SHIPPING OF BEAMS.

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS-STRUCTURES

LOMAN BRANCH BRIDGE
 OVER
LOMAN BRANCH
 IN
HAMPSHIRE COUNTY

BRIDGE NUMBER
 DESIGN TABLE FOR 21"
 PRESTRESSED BOX BEAM

STANDARD SHEET BR-821B

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS-STRUCTURES

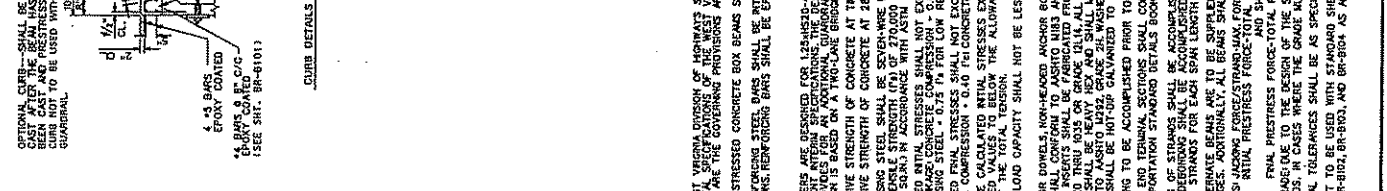
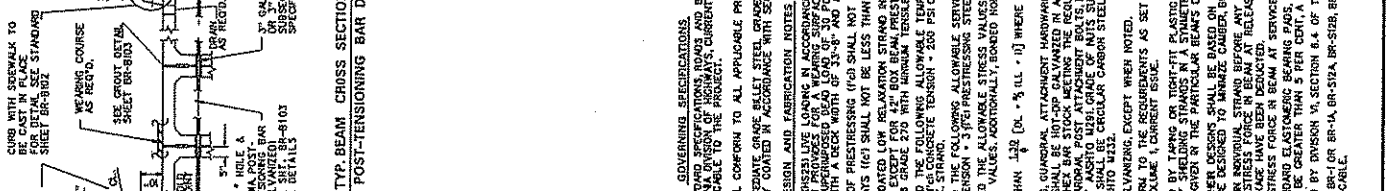
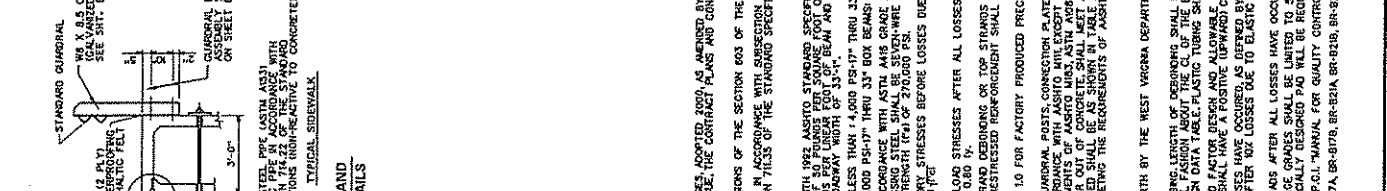
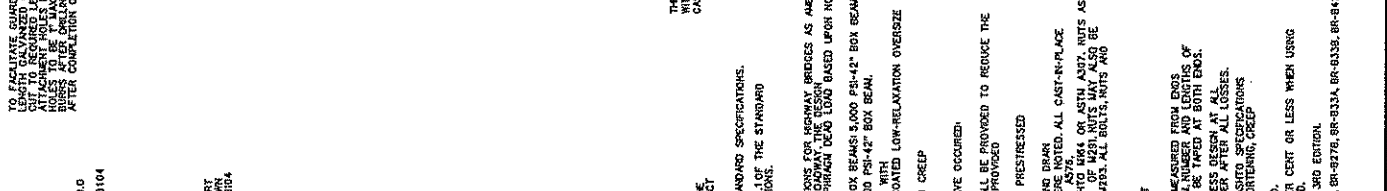
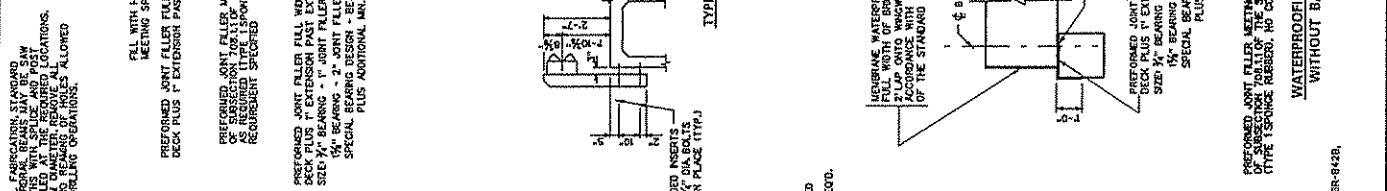
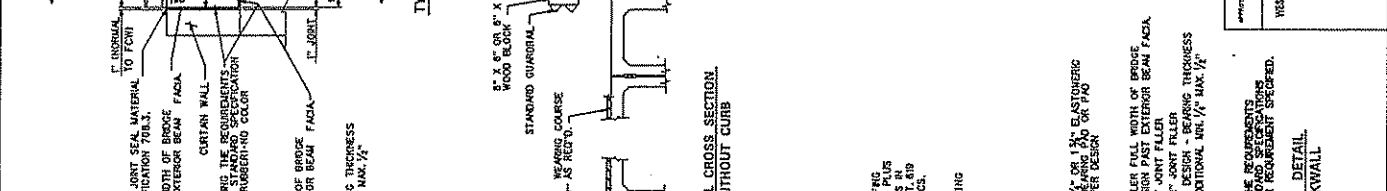
DESIGN TABLE FOR 21"
 PRESTRESSED BOX BEAM

APPROVED: *[Signature]* DATE: 4-10-85

4-1-85
 4-1-85
 4-1-85

NO.	REV.	DESCRIPTION	DATE	BY	CHECKED	APPROVED
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THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - STRUCTURES
LOMAN BRANCH BRIDGE
 OVER
LOMAN BRANCH
 IN
HAMPSHIRE COUNTY
PRESTRESS CONCRETE BEAM
 DESIGN & ASSEMBLY DETAILS



TO FACILITATE GUARDRAIL FABRICATION, STANDARD GUARDRAIL PILES SHALL BE CAST AND PLACED AS SHOWN ON SHEET BR-8104. ATTACHMENT HOLES DRILLED AT THE REQUIRED LOCATIONS. BURS AFTER DRILLING NO REMAINING HOLES ALLOWED AFTER COMPLETION OF DRILLING OPERATIONS.

FILL WITH HOT JOINT SEA MATERIAL MEETING SPECIFICATION 701.3. PREFORMED JOINT FILLER MEETING THE REQUIREMENTS OF SUBSECTION 14.02 OF THE STANDARD SPECIFICATIONS SHALL BE USED TO FILL JOINTS. JOINT FILLER SHALL BE PLACED TO THE FULL DEPTH OF JOINTS AND SHALL BE COMPACTED TO THE FULL DEPTH OF JOINTS.

REFORMED JOINT FILLER MEETING THE REQUIREMENTS OF SUBSECTION 14.02 OF THE STANDARD SPECIFICATIONS SHALL BE USED TO FILL JOINTS. JOINT FILLER SHALL BE PLACED TO THE FULL DEPTH OF JOINTS AND SHALL BE COMPACTED TO THE FULL DEPTH OF JOINTS.

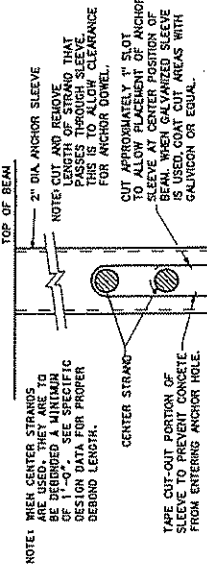
REFORMED JOINT FILLER MEETING THE REQUIREMENTS OF SUBSECTION 14.02 OF THE STANDARD SPECIFICATIONS SHALL BE USED TO FILL JOINTS. JOINT FILLER SHALL BE PLACED TO THE FULL DEPTH OF JOINTS AND SHALL BE COMPACTED TO THE FULL DEPTH OF JOINTS.

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FEDERAL STATE DISTRICT	PROJECT NUMBER	COUNTY	SHEET NO.	TOTAL SHEETS
VA. 9	3314-3374-0-67	HAMPSHIRE	15	20

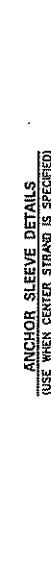
TO ACCOMMODATE THE 2" DIAMETER ANCHOR SLEEVE WHEN CENTER STRANDS ARE USED, THEY ARE TO BE REINFORCED WITH 2# 4 BARS AS LONG AS THE BEARING PAD AND THE CENTER LINE OF THE STRAND PATTERN. WHEN NECESSARY TO MOVE STRANDS VERTICALLY, THE ENGINEER SHALL CHECK DESIGN OF NEW PATTERN AND COMPLETE DESIGN TABLE WITH NEW DATA.

OPTION NO. 1



NOTE: WHEN CENTER STRANDS ARE USED, THEY ARE TO BE REINFORCED WITH 2# 4 BARS AS LONG AS THE BEARING PAD AND THE CENTER LINE OF THE STRAND PATTERN. WHEN NECESSARY TO MOVE STRANDS VERTICALLY, THE ENGINEER SHALL CHECK DESIGN OF NEW PATTERN AND COMPLETE DESIGN TABLE WITH NEW DATA.

OPTION NO. 2



NOTE: WHEN CENTER STRANDS ARE USED, THEY ARE TO BE REINFORCED WITH 2# 4 BARS AS LONG AS THE BEARING PAD AND THE CENTER LINE OF THE STRAND PATTERN. WHEN NECESSARY TO MOVE STRANDS VERTICALLY, THE ENGINEER SHALL CHECK DESIGN OF NEW PATTERN AND COMPLETE DESIGN TABLE WITH NEW DATA.

ANCHOR SLEEVE DETAILS
(USE WHEN CENTER STRAND IS SPECIFIED)



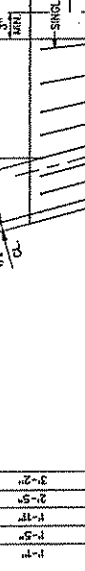
NOTE: THE BEARING PAD SHALL CONFORM TO WASHITO SPECIFICATIONS FOR HIGHWAY BRIDGES SECTION 19, DIVISION 1, WITH A DUREMETER HARDNESS OF 80.

ELASTOMERIC BEARING PAD DETAIL



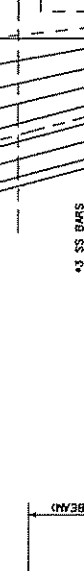
NOTE: THE BEARING PAD SHALL CONFORM TO WASHITO SPECIFICATIONS FOR HIGHWAY BRIDGES SECTION 19, DIVISION 1, WITH A DUREMETER HARDNESS OF 80.

ELASTOMERIC BEARING PAD DETAIL



NOTE: LETTING LOOPS SHALL NOT BE EXPORT COATED. IF EXPORT COATED, THEY SHALL BE REINFORCED WITH A TRANSVERSE TO THE CENTERLINE OF BEAM.

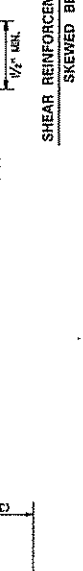
LIFT DETAILS



NOTE: FABRICATOR SHALL PROVIDE BLOCKOUT OF ACUTE CORNERS ON ALL BEAMS WITH SKEWS OF 10 DEGREES OR GREATER.

NOTE: CUT Voids SHALL BE FILLED WITH GROUT IN ACCORDANCE WITH SUBSECTION 715.5 OF THE STANDARD SPECIFICATIONS.

BLOCKOUT DETAIL



NOTE: MINIMUM BAR BENDING DIAMETER SHALL BE 6 BAR DIAMETERS, EXCEPT THAT NO. 3 AND NO. 4 BARS THE MINIMUM BENDING DIAMETER SHALL BE 4 BAR DIAMETERS. ALL DIMENSIONS ARE OUT TO OUT.

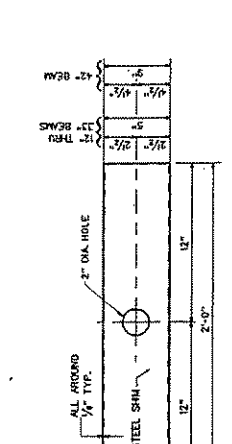
REINFORCING BAR DETAIL

GRADE	BAR NO.	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7
20"	NO. 3	20"	28"	33"	38"	45"
24"	NO. 4	24"	32"	37"	42"	49"
28"	NO. 5	28"	36"	41"	46"	53"
32"	NO. 6	32"	40"	45"	50"	57"
36"	NO. 7	36"	44"	49"	54"	61"

THIS SHEET TO BE USED WITH STANDARD SHEET BR-1 OR BR-1A, BR-S12A, BR-S12B, BR-817A, BR-817B, BR-821A, BR-821B, BR-827A, BR-827B, BR-833A, BR-833B, BR-842A, BR-842B, BR-860A, BR-860B, BR-862A, BR-862B, BR-867A, BR-867B, BR-867C, BR-867D, BR-867E, BR-867F, BR-867G, BR-867H, BR-867I, BR-867J, BR-867K, BR-867L, BR-867M, BR-867N, BR-867O, BR-867P, BR-867Q, BR-867R, BR-867S, BR-867T, BR-867U, BR-867V, BR-867W, BR-867X, BR-867Y, BR-867Z.

STANDARD SHEET BR-8101

FEDERAL STATE DISTRICT	PROJECT NUMBER	COUNTY	SHEET NO.	TOTAL SHEETS
VA. 9	3314-3374-0-67	HAMPSHIRE	15	20



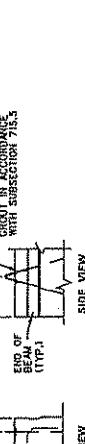
NOTE: THE BEARING PAD SHALL CONFORM TO WASHITO SPECIFICATIONS FOR HIGHWAY BRIDGES SECTION 19, DIVISION 1, WITH A DUREMETER HARDNESS OF 80.

ELASTOMERIC BEARING PAD DETAIL



NOTE: THE BEARING PAD SHALL CONFORM TO WASHITO SPECIFICATIONS FOR HIGHWAY BRIDGES SECTION 19, DIVISION 1, WITH A DUREMETER HARDNESS OF 80.

ELASTOMERIC BEARING PAD DETAIL



NOTE: LETTING LOOPS SHALL NOT BE EXPORT COATED. IF EXPORT COATED, THEY SHALL BE REINFORCED WITH A TRANSVERSE TO THE CENTERLINE OF BEAM.

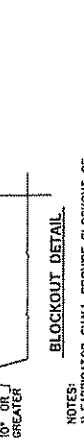
LIFT DETAILS



NOTE: FABRICATOR SHALL PROVIDE BLOCKOUT OF ACUTE CORNERS ON ALL BEAMS WITH SKEWS OF 10 DEGREES OR GREATER.

NOTE: CUT Voids SHALL BE FILLED WITH GROUT IN ACCORDANCE WITH SUBSECTION 715.5 OF THE STANDARD SPECIFICATIONS.

BLOCKOUT DETAIL



NOTE: MINIMUM BAR BENDING DIAMETER SHALL BE 6 BAR DIAMETERS, EXCEPT THAT NO. 3 AND NO. 4 BARS THE MINIMUM BENDING DIAMETER SHALL BE 4 BAR DIAMETERS. ALL DIMENSIONS ARE OUT TO OUT.

REINFORCING BAR DETAIL

GRADE	BAR NO.	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7
20"	NO. 3	20"	28"	33"	38"	45"
24"	NO. 4	24"	32"	37"	42"	49"
28"	NO. 5	28"	36"	41"	46"	53"
32"	NO. 6	32"	40"	45"	50"	57"
36"	NO. 7	36"	44"	49"	54"	61"

THIS SHEET TO BE USED WITH STANDARD SHEET BR-1 OR BR-1A, BR-S12A, BR-S12B, BR-817A, BR-817B, BR-821A, BR-821B, BR-827A, BR-827B, BR-833A, BR-833B, BR-842A, BR-842B, BR-860A, BR-860B, BR-862A, BR-862B, BR-867A, BR-867B, BR-867C, BR-867D, BR-867E, BR-867F, BR-867G, BR-867H, BR-867I, BR-867J, BR-867K, BR-867L, BR-867M, BR-867N, BR-867O, BR-867P, BR-867Q, BR-867R, BR-867S, BR-867T, BR-867U, BR-867V, BR-867W, BR-867X, BR-867Y, BR-867Z.

STANDARD SHEET BR-8101

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS-STRUCTURES

LOMAN BRANCH BRIDGE
OVER
LOMAN BRANCH
IN
HAMPSHIRE COUNTY

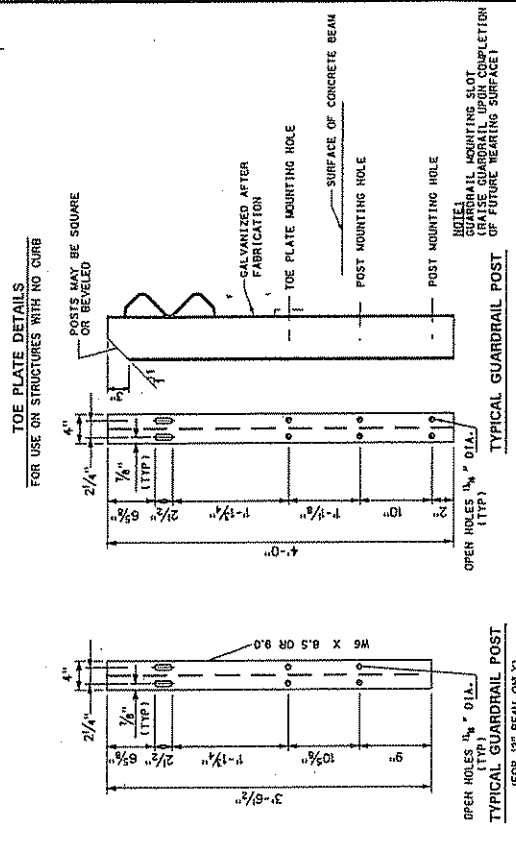
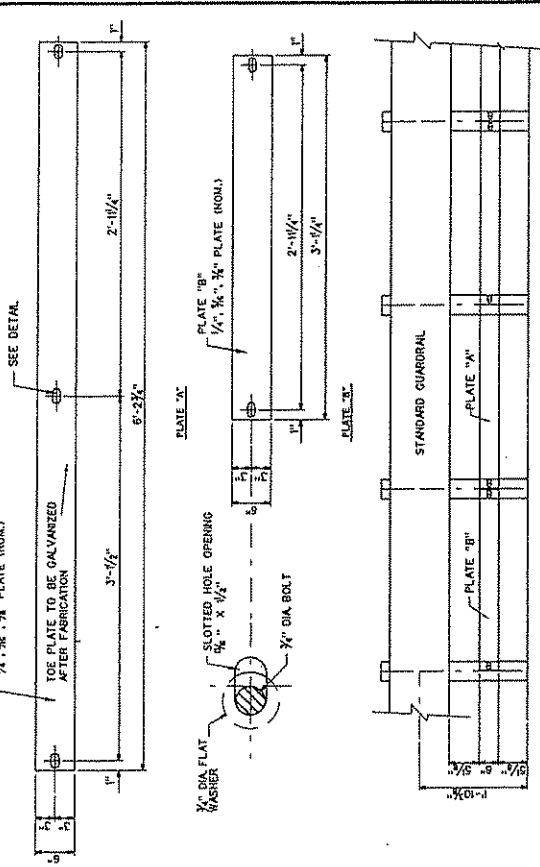
PRESTRESSED CONCRETE BEAM
DESIGN & ASSEMBLY DETAILS

PROJECT NO. 3314-3374-0-67
DATE: 4-14-55
BY: [Signature]
CHECKED BY: [Signature]
APPROVED BY: [Signature]

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS-STRUCTURES
DESIGN & ASSEMBLY DETAILS

STANDARD SHEET BR-8101

SHEET TOTAL	PROJECT NUMBER	COUNTY	PARTS
NO. 1	5314-2373-0-67	HAMPSHIRE	17
NO. 5			20



FOR USE ON STRUCTURES WITH NO CURB

POSTS MAY BE SQUARE OR BEVELLED

CALVANIZED AFTER FABRICATION

TOE PLATE MOUNTING HOLE

SURFACE OF CONCRETE BEAM

POST MOUNTING HOLE

POST MOUNTING HOLE

NOTES: GUARDRAIL MOUNTING SLOT COMPLETION OF FUTURE WEARING SURFACE

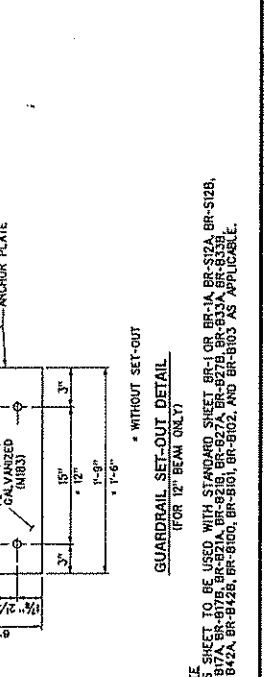
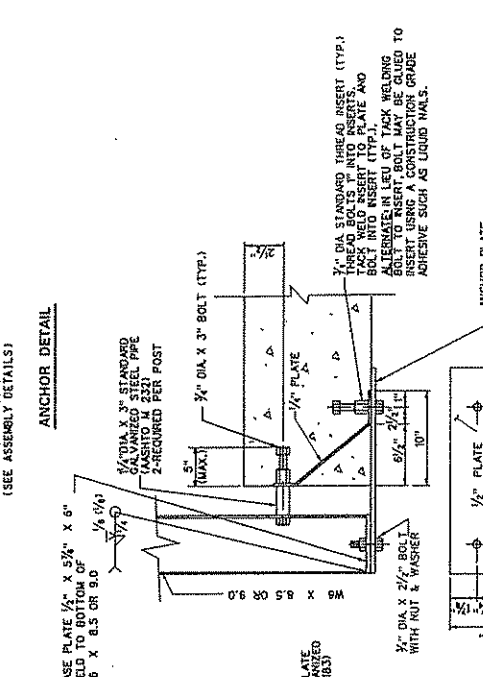
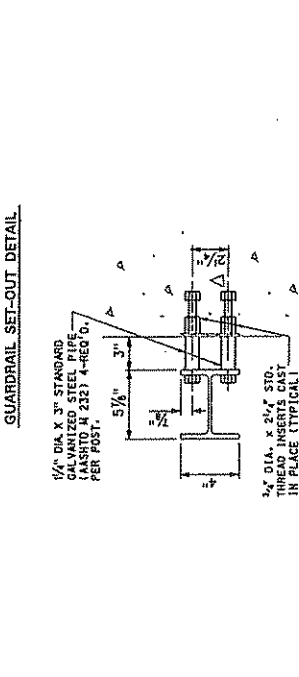
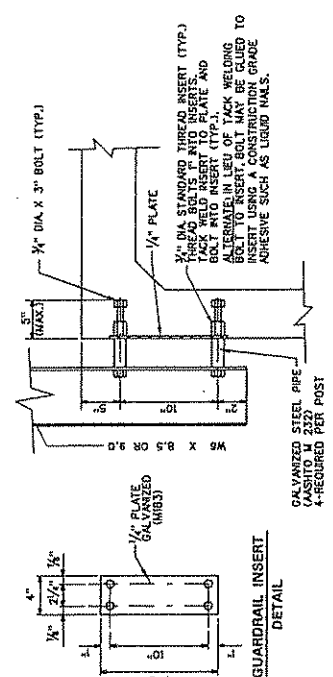
TYPICAL GUARDRAIL POST (FOR 12" BEAM ONLY)

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS-STRUCTURES

LOMAN BRANCH BRIDGE
OVER
LOMAN BRANCH
IN
HAMPSHIRE COUNTY

PRESSED CONCRETE BEAM
DESIGN & ASSEMBLY DETAILS

STANDARD SHEET BR-8104



NOTES:

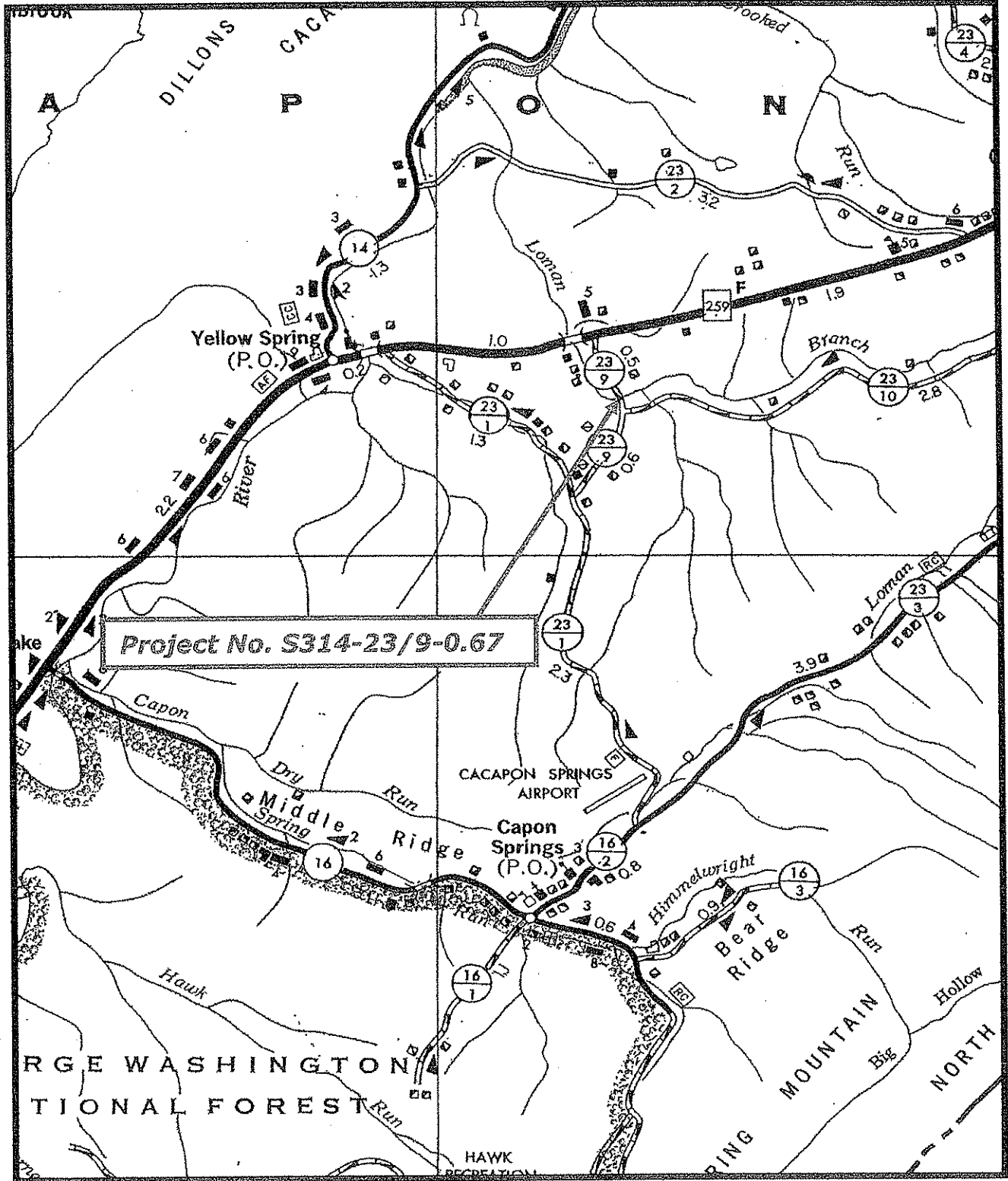
- ENTIRE ASSEMBLY IS TO BE NOT-OFFERED GALVANIZED AFTER FABRICATION. RETAIN THREADS FOR PROPER FIT. ALTERNATE IN LIEU OF TACK WELDING GUARDRAIL BOLT TO INSERT. BOLT MAY BE GLUED TO CONSTRUCTION GRADE USING ADHESIVE SUCH AS LIQUID NAILS. TYPE 2, CLASSIFICATION NO. 23.
- ANY DAMAGE TO GALVANIZED AREAS SHALL BE TOUCHED WITH GALYCON, OR EQUAL.
- WHEN THE GUARDRAIL POST IS LOCATED OVER THE BRIDGE SEAT (ON 12" BEAMS ONLY) THE ANCHOR PLATE AND FOUR BOLTS SHALL BE OMITTED. INSTALL IN ACCORDANCE WITH THE "GUARDRAIL ANCHOR OVER BRIDGE SEAT" DETAIL THIS SHEET.

GUARDRAIL INSERT (FOR 12" BEAM ONLY)

GUARDRAIL SET-OUT DETAIL (FOR 12" BEAM ONLY)

GUARDRAIL ANCHOR OVER BRIDGE SEAT (FOR 12" BEAM ONLY)

NOTE: SHEET TO BE USED WITH STANDARD SHEET BR-811 OR BR-814, 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, AND BR-863 AS APPLICABLE.



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.

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 _____