



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

\*709042451      304-425-8955  
 EASTERN VAULT COMPANY INC  
 PO BOX 1134  
  
 PRINCETON WV 24740

SHIP TO

DIVISION OF HIGHWAYS  
 JOBSITE  
 SEE SPECIFICATIONS

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B	FREIGHT TERMS
02/17/2010	NET 30	OUR TRUCK	JOBSITE	INCLUDED

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		\$ 33,930.00
PRESTRESSED CONCRETE BOX BEAMS  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.  EXHIBIT 10  REQUISITION NO.: .....  ADDENDUM ACKNOWLEDGEMENT  I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.  ADDENDUM NO.'S: NO. 1 ..... NO. 2 ..... NO. 3 ..... NO. 4 ..... NO. 5 .....  I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.						

2010 MAR -2 A 11:40  
 PURCHASING DIVISION  
 STATE OF WV

SIGNATURE <i>B. A. Austin</i>		SEE REVERSE SIDE FOR TERMS AND CONDITIONS		TELEPHONE 304-425-8955	DATE 3-1-2010
TITLE ASST. G.M.	FEIN 55-0520255	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](http://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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 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
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 304-558-2402**

VENDOR

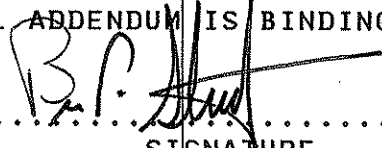
\*709042451      304-425-8955  
 EASTERN VAULT COMPANY INC  
 PO BOX 1134  
 PRINCETON WV 24740

SHIP TO

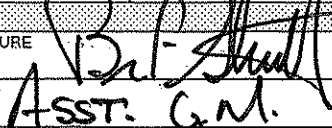
DIVISION OF HIGHWAYS  
 JOBSITE  
 SEE SPECIFICATIONS

DATE PRINTED <b>02/17/2010</b>	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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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
<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 style="text-align: center;">             .....            SIGNATURE  <b>EASTERN VAULT Co., INC.</b>            .....            COMPANY  <b>3-1-2010</b>            .....            DATE         </p> <p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.</p> <p>REV. 09/21/2009</p> <p style="text-align: center;">NOTICE</p> <p>A. SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">             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>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE 	TELEPHONE	DATE <b>3-1-2010</b>
TITLE <b>ASST. G.M.</b>	FEIN <b>55-0520255</b>	ADDRESS CHANGES TO BE NOTED ABOVE

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



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 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
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**PRINCETON WV 24740**

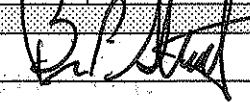
**DIVISION OF HIGHWAYS**  
**JOBSITE**  
**SEE SPECIFICATIONS**

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

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

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:            SEALED BID</p> <p>BUYER: <b>33</b></p> <p>RFQ. NO.: <b>05100377</b></p> <p>BID OPENING DATE: -----</p> <p>BID OPENING TIME: -----</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY            TO CONTACT YOU REGARDING YOUR BID:  <b>304 425-1171</b></p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY):  <b>BRIAN P. STRUBLE</b></p>						
<p>***** THIS IS THE END OF RFQ 05100377 ***** TOTAL:</p>						<p><b>\$33,930.00</b></p>

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE  TELEPHONE DATE **3-1-2010**

TITLE FEIN **55-0520255** ADDRESS CHANGES TO BE NOTED ABOVE

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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 &amp; 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.	\$ 10,000.00	\$ 20,000.00
02.	3 EACH	INTERIOR BEAMS 21" depth x 36" width x 43'-6" overall length (42'-0" c-c bearing anchor bolt holes).	4,030.00	12,090.00
03.	10 EACH	ELASTOMERIC BEARING PADS (3/4" thick x 5" x 24").	20.00	200.00
04.	10 EACH	NO. 8 DEFORMED ANCHOR BOLT (Grade 60) bar. 1" diameter x 2'-0" length.	20.00	200.00
05.	32 LF	PREFORMED JOINT FILLER (1" thick x 21").	20.00	640.00
06.	4 EACH	POST TENSIONING BARS (1" diameter, threaded, 4 - 18' full length bars, with all plates, hex nuts and other hardware as required).	200.00	800.00
<b>TOTAL</b>				\$ 33,930.00

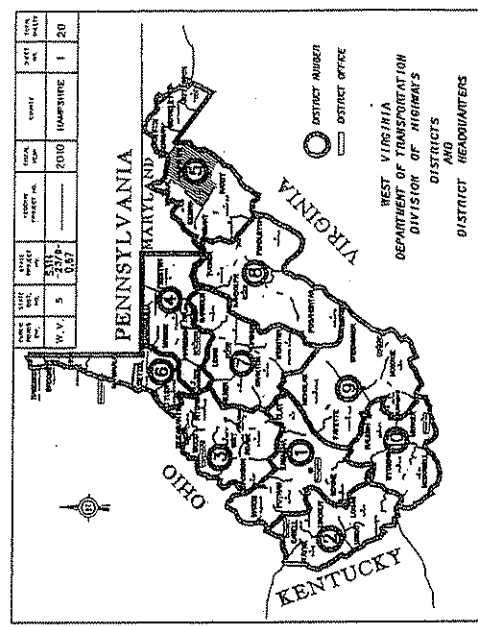
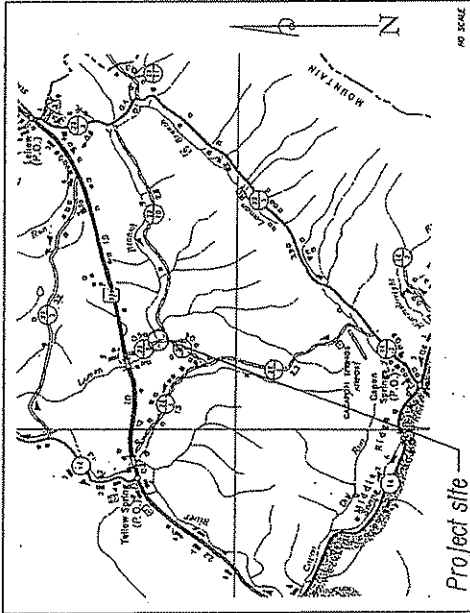
EXTERIOR BEAMS ARE TO BE SHIPPED COMPLETE WITH ALL GUARDRAIL, INSERTS, GUARDRAIL POSTS, AND GUARDRAIL ATTACHED.

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

BP

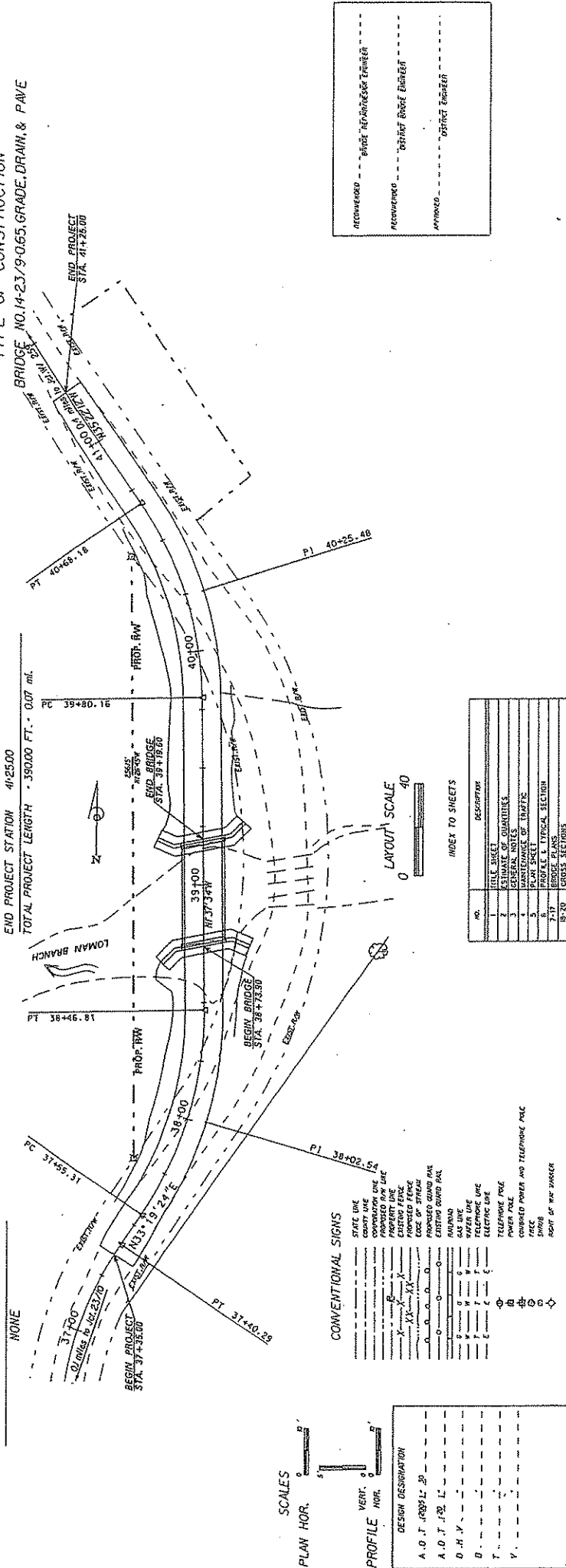
# WEST VIRGINIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR CONSTRUCTION

OF  
**LOMAN BRANCH BRIDGE**  
STATE PROJECT NO. S314-23/9-067  
ROUTE NO. CO. 23/9 (SLS)  
CAPON DISTRICT  
HAMPSHIRE COUNTY  
**BRANCH OF KUMP ROAD**



DISTRICT NUMBER  
DISTRICT OFFICE  
WEST VIRGINIA  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
DISTRICTS  
AND  
DISTRICT HEADQUARTERS

TYPE OF CONSTRUCTION  
BRIDGE NO. 14-23/9-065, GRADE, DRAIN, & PAVE



PROJECT LENGTH  
BEGIN PROJECT STATION 37+35.00  
END PROJECT STATION 41+25.00  
TOTAL PROJECT LENGTH - 3900.00 FT. - 0.07 mi.

UTILITIES ENCOUNTERED  
NONE

- CONVENTIONAL SIGNS
- STATE LINE
  - CONVENTIONAL SIGN
  - PROPOSED ROW LINE
  - PROPERTY LINE
  - EDGE OF STREAM
  - PROPOSED FENCE
  - PROPOSED DRAIN
  - EXISTING ROAD RAIL
  - GAS LINE
  - WATER LINE
  - TELEPHONE LINE
  - ELECTRIC LINE
  - TELEPHONE POLE
  - COURAGED POWER AND TELEPHONE POLE
  - TRUCK
  - SHRUB
  - RIGHT OF WAY MARKER

DESIGN DESCRIPTION

A. D. T. (R&P) L. 29
A. D. T. 122 L.
D. H. V.
B.
T.
V.

PLAN HOR.  
SCALE

PROFILE VERT.  
HOR.  
SCALE

LAYOUT SCALE  
0 40

INDEX TO SHEETS

NO.	DESCRIPTION
1	TITLE SHEET
2	ESTIMATE OF QUANTITIES
3	GENERAL NOTES
4	PROFILES OF BRIDGES
5	PLAN SHEET
6	PROFILE & TYPICAL SECTION
7-17	BRIDGE PLANS
18-20	CROSS SECTIONS

RECOMMENDED  
REVISIONS  
APPROVED

PROJECT NO. S314-23/9-067



PROJECT NO.	5	PROJECT NAME	DOARITY	SHEET NO.	10
DATE	5/14/57	NO.	0-87	REV.	0
V.P.A.		HAMPshire		TOTAL	

**CONTROL ELEVATIONS**

CODE	ABUTMENT	ABUTMENT 2
1	501.00	501.00
2	499.18	499.19

CONTROL ELEVATIONS ESTABLISHED FROM SURVEY

**CONTROL STATIONING**

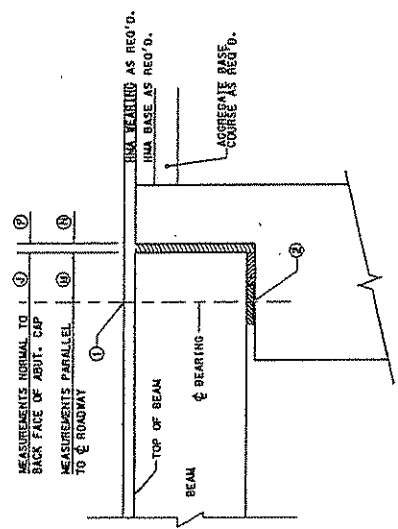
CODE	LOCATION	STATION VALUE
1	POINT AT	38418.78
2	ROADWAY AT	38418.78
3	BEARING	38418.78
4	BEARING	38418.78

CONTROL STATIONING ESTABLISHED FROM SURVEY

**CONTROL DIMENSIONS**

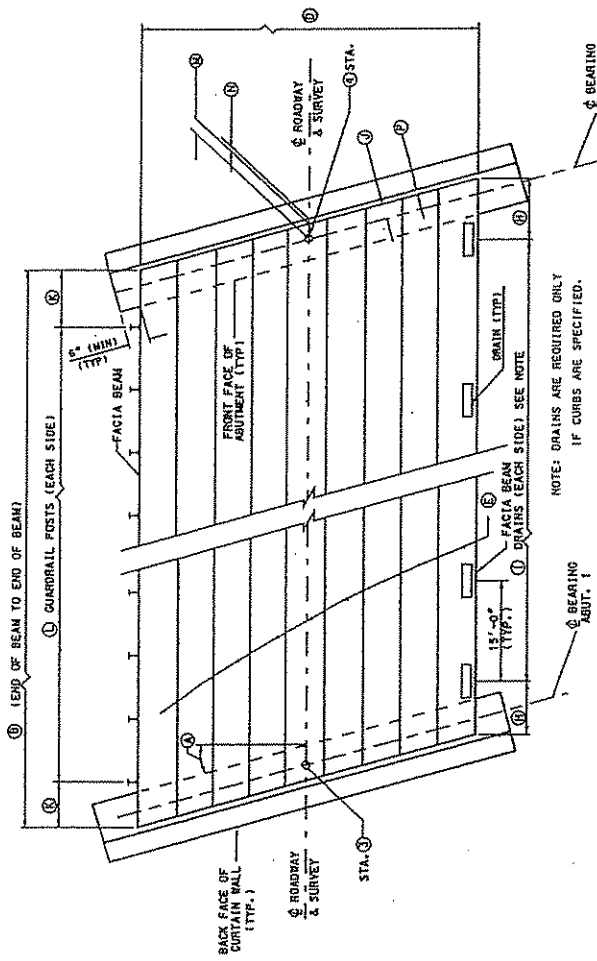
DIMENSION	CODE	VALUE
BEAM CROSSING	A	10" R/R
LENGTH OF BEAMS, OUT-TO-OUT	B	43'-5"
DECK WIDTH, OUT-TO-OUT	D	15'-0"
NUMBER OF BEAMS	E	8
SPAN LENGTH, $\phi$ BEARING TO $\phi$ BEARING	F	42'-0"
DISTANCE FROM END OF BEAM TO $\phi$ OF BRAK	H	R/A
NUMBER OF DRAINS, EACH SIDE	I	R/A
PERPENDICULAR DISTANCE FROM $\phi$ BEARING TO END OF BEAM	J	8'-4"
DISTANCE FROM END OF BEAM TO FIRST OVERHALL POST	K	1'-9"
NUMBER OF OVERHALL POSTS EACH SIDE	L	14
DISTANCE FROM $\phi$ BEARING TO END OF BEAM (PARALLEL TO $\phi$ BEAM)	M	9'
DISTANCE FROM $\phi$ BEARING TO END OF BEAM (PARALLEL TO $\phi$ OF ROADWAY)	N	1'
CONCENTRIC WIDTH OF EXPANSION JOINTING	P	1'
GRADE	R	OK

\* IF BEARING SURFACE IS CONCRETE, ELEVATIONS SHALL BE TAKEN AT THE TOP SURFACE OF THE BEAM.

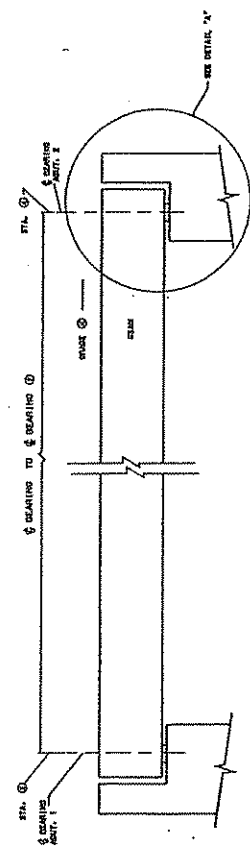


**CONTROL ELEVATIONS & BEARING DIMENSIONS ALONG  $\phi$  ROADWAY**

DETAIL "A"



**SUPERSTRUCTURE LAYOUT PLAN**



**SUPERSTRUCTURE ELEVATION ALONG  $\phi$  ROADWAY**

THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS - STRUCTURES

**LOMAN BRANCH BRIDGE**  
OVER  
**LOMAN BRANCH**  
IN  
**HAMPSHIRE COUNTY**

BRIDGE DESIGN NO. 14-23/28-66  
BRIDGE DESIGN NO. 7

DESIGNED BY: G.L. GUY  
CHECKED BY: G.L. GUY  
REVISED BY:  
SCALE: 3/8"=1'-0"  
DATE: 5-14-57  
BY: G.L. GUY

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS - STRUCTURES

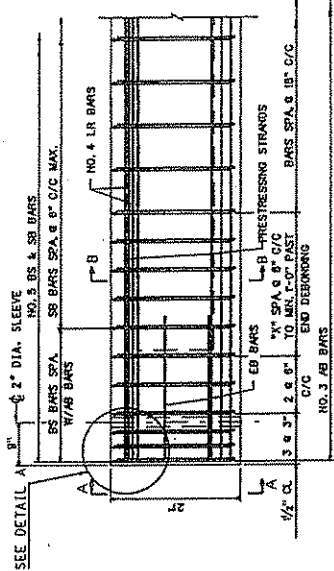
PROJECT NO. 5  
SHEET NO. 10

BRIDGE DESIGN NO. 14-23/28-66  
BRIDGE DESIGN NO. 7

SHEET BR-1A

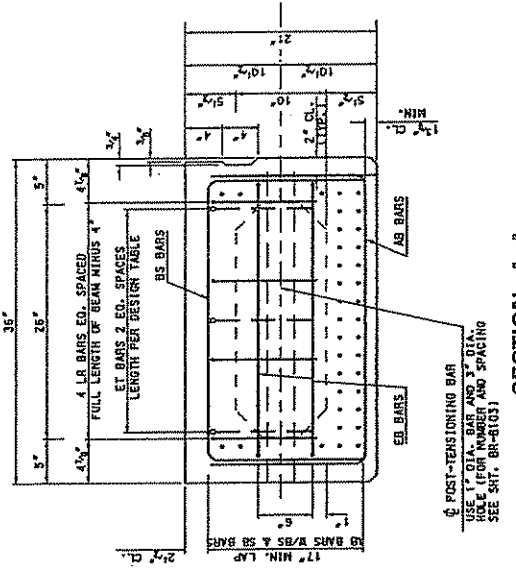
PROJECT NUMBER	3114-4377-0-87
COUNTY	HAMPSHIRE
SHEET NO.	12
TOTAL SHEETS	20

- NOTES:
1. ALL NON-PRESTRESSING REINFORCING BARS SHALL BE GRADE 60.
  2. ALL LAP SPlice LENGTHS, EXCEPT WHERE SHOWN, SHALL BE AS IN TABLE ON SHEET BR-B01.
  3. ALL REINFORCING STEEL BARS SHALL BE EPOXY COATED.
  4. ALL STRANDS SHALL BE ENCLOSED INSIDE SHIRUP CASE ENTIRE LENGTH OF BEAM.
  5. PRESTRESSING STRANDS BE ENCLOSED WITHIN SLEEVE COATED WITH EPOXY RESIN BR-B02, BR-B03, BR-B04, AND BR-B05.
  6. WRECK STRUNG NOS. 29 AND 30 ARE USED, SEE SHEET BR-B01 FOR DETAIL OF 2" DIA. ANCHOR SLEEVE.



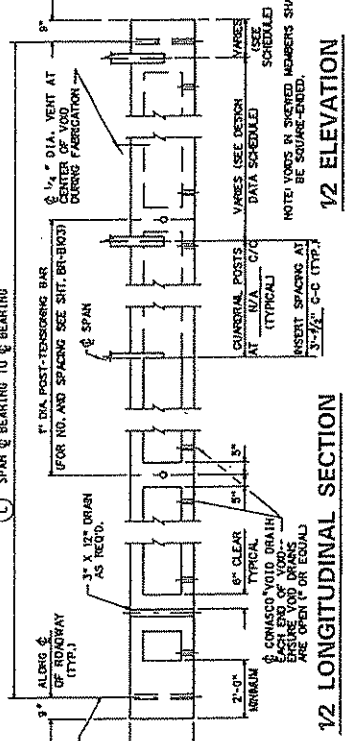
NOTE: SEE SHEET BR-B01 FOR REINFORCING BAR SIZES AND SPACING LAYOUT DETAILS FOR SPAN AND BEAMS.

**REINFORCING STEEL ELEV. VIEW**

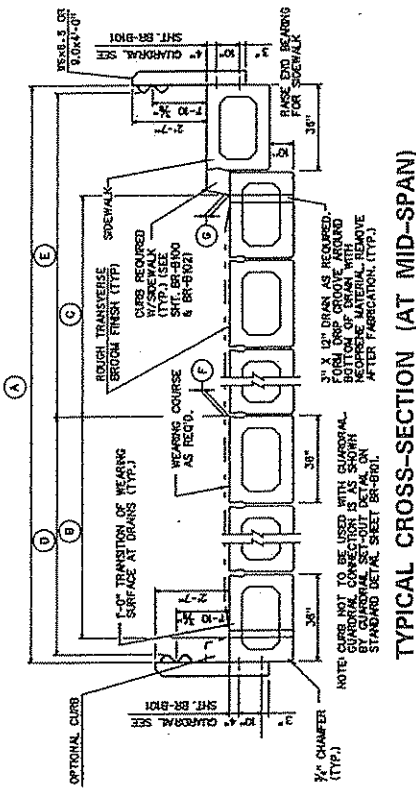


**SECTION A-A**

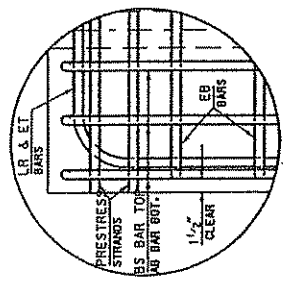
TYPICAL BEAM REINFORCEMENT



**1/2 ELEVATION**



**TYPICAL CROSS-SECTION (AT MID-SPAN)**



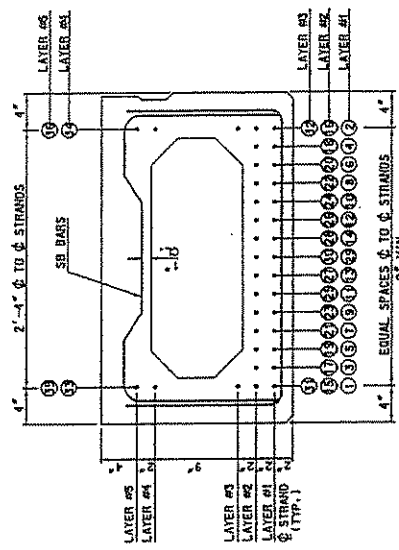
**DETAIL A**

CODE	DESCRIPTION	VALUE	CONTROL DIMENSIONS
A	DECK WIDTH, OUT TO OUT	87'-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'-6"	
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'	
	OPTIONAL 10" CURB TO BE INCLUDED (YES OR NO)	NO	
	OPTIONAL PARAPET TO BE INCLUDED (YES OR NO) (REQUIRES SPECIAL DESIGN)	NO	
	TOE PLATE REQUIRED (YES OR NO)	NO	

DESCRIPTION	VALUE
HOT-LAD BITUMINOUS CONCRETE REQUIRED (YES OR NO)	NO
GUARDRAIL REQUIRED (YES OR NO)	YES
DRAINS REQUIRED (YES OR NO)	NO
CURTAIN WALL REQUIRED (YES OR NO)	YES
GUARDRAIL SETOUT REQUIRED (YES OR NO)	YES
GUARDRAIL BLOCKOUT REQUIRED (YES OR NO)	NO

**SECTION B-B**

TYPICAL BEAM PRESTRESSING



THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS-STRUCTURES

**LOWAN BRANCH BRIDGE**  
OVER  
**LOWAN BRANCH**  
IN  
**HAMPSHIRE COUNTY**

21" PRESTRESSED BOX BEAM  
DESIGN & ASSEMBLY DETAILS

PROJECT NO. 1167/214  
DATE 0/11  
CONTRACT NO.  
SHEET NO. 12 OF 20  
DESIGN NUMBER 11-4-23/B-0-65  
BRIDGE DESIGN NO.

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS-STRUCTURES  
21" PRESTRESSED CONCRETE  
BOX BEAM  
DESIGN & ASSEMBLY DETAILS  
SHEET BR-B12



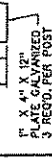
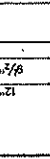
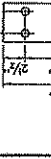
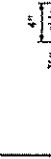
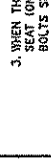
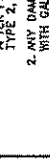
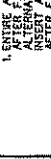
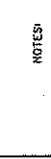
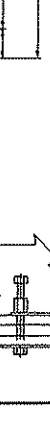
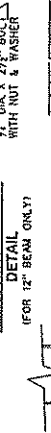
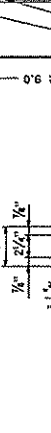
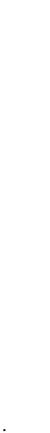
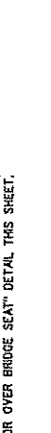
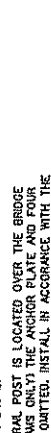
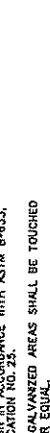
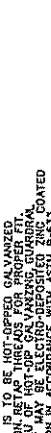
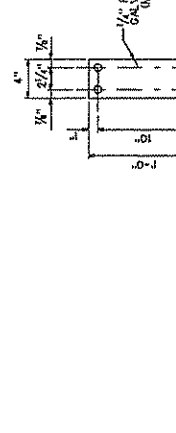
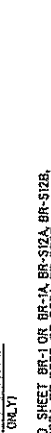
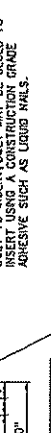
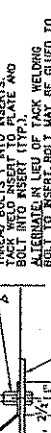
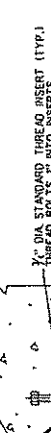
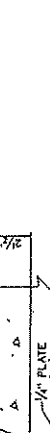
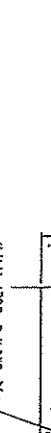
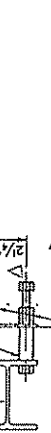
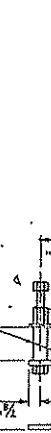
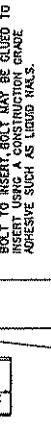
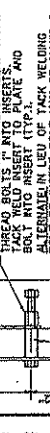
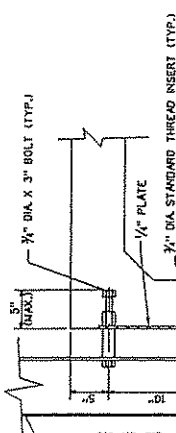
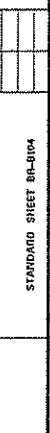
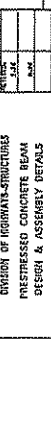
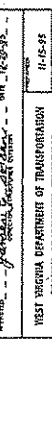
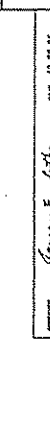
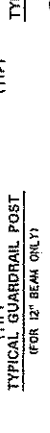
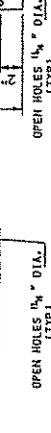
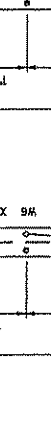
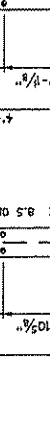
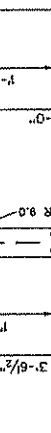
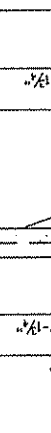
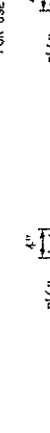
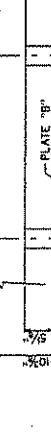
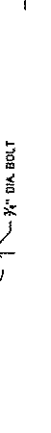
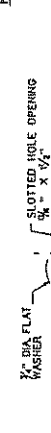
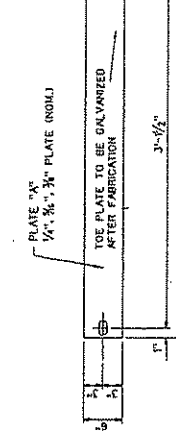






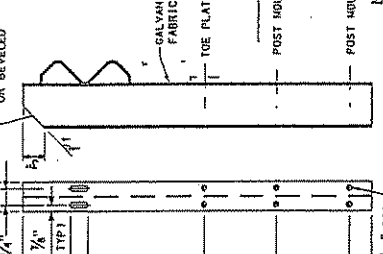


PROJECT NO.	3114-273-0-01	COUNTY	HAMPSHIRE
DATE	5/1/74	PROJECT NO.	3114-273-0-01
SCALE	AS SHOWN	DATE	5/1/74
BY	...	BY	...
CHECKED BY	...	CHECKED BY	...
APPROVED BY	...	APPROVED BY	...

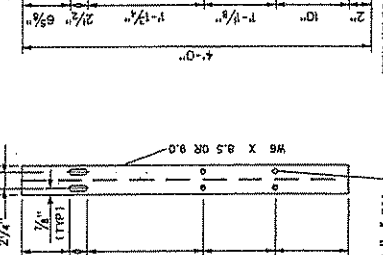


- NOTES:
1. ENTIRE ASSEMBLY IS TO BE HOT-DIPPED GALVANIZED AFTER FABRICATION. BEAT UP AREAS FOR PROPER FIT. ALTERNATE IN LIEU OF HOT-DIP GALVANIZING, GUARDRAIL INSERTS AND PLATES MAY BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A653, TYPE 2, CLASSIFICATION NO. 23.
  2. ANY DAMAGE TO GALVANIZED AREAS SHALL BE TOUCHED WITH GALVICON, OR EQUAL.
  3. WHEN THE GUARDRAIL POST IS LOCATED OVER THE BRIDGE SEAT (ON 12" BEAM ONLY) THE ANCHOR PLATE AND FOUR BOLTS SHALL BE OMITTED. INSTALL IN ACCORDANCE WITH THE "GUARDRAIL ANCHOR OVER BRIDGE SEAT" DETAIL THIS SHEET.

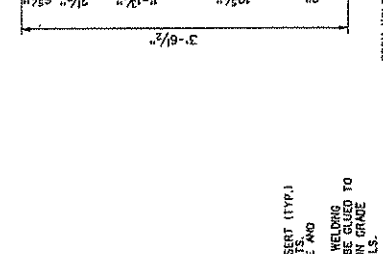
TOE PLATE DETAILS  
FOR USE ON STRUCTURES WITH NO CURB



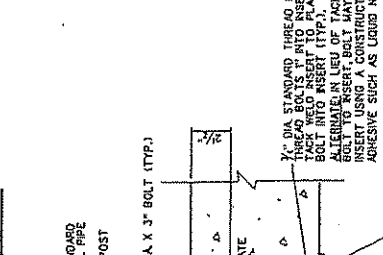
TYPICAL GUARDRAIL POST  
(FOR 12" BEAM ONLY)



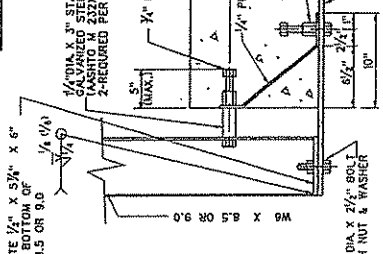
TYPICAL GUARDRAIL POST  
(FOR 12" BEAM ONLY)



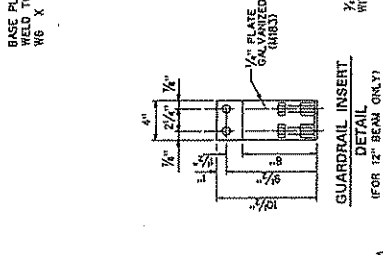
ANCHOR DETAIL



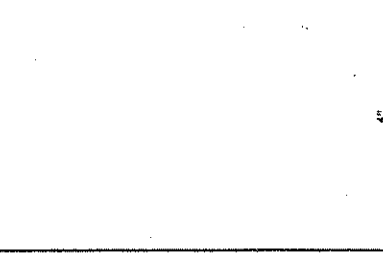
GUARDRAIL SET-OUT DETAIL  
(FOR 12" BEAM ONLY)



GUARDRAIL INSERT  
(FOR 12" BEAM ONLY)



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



THE WEST VIRGINIA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS-STRUCTURES

LOMAN BRANCH BRIDGE  
OVER  
LOMAN BRANCH  
IN  
HAMPSHIRE COUNTY

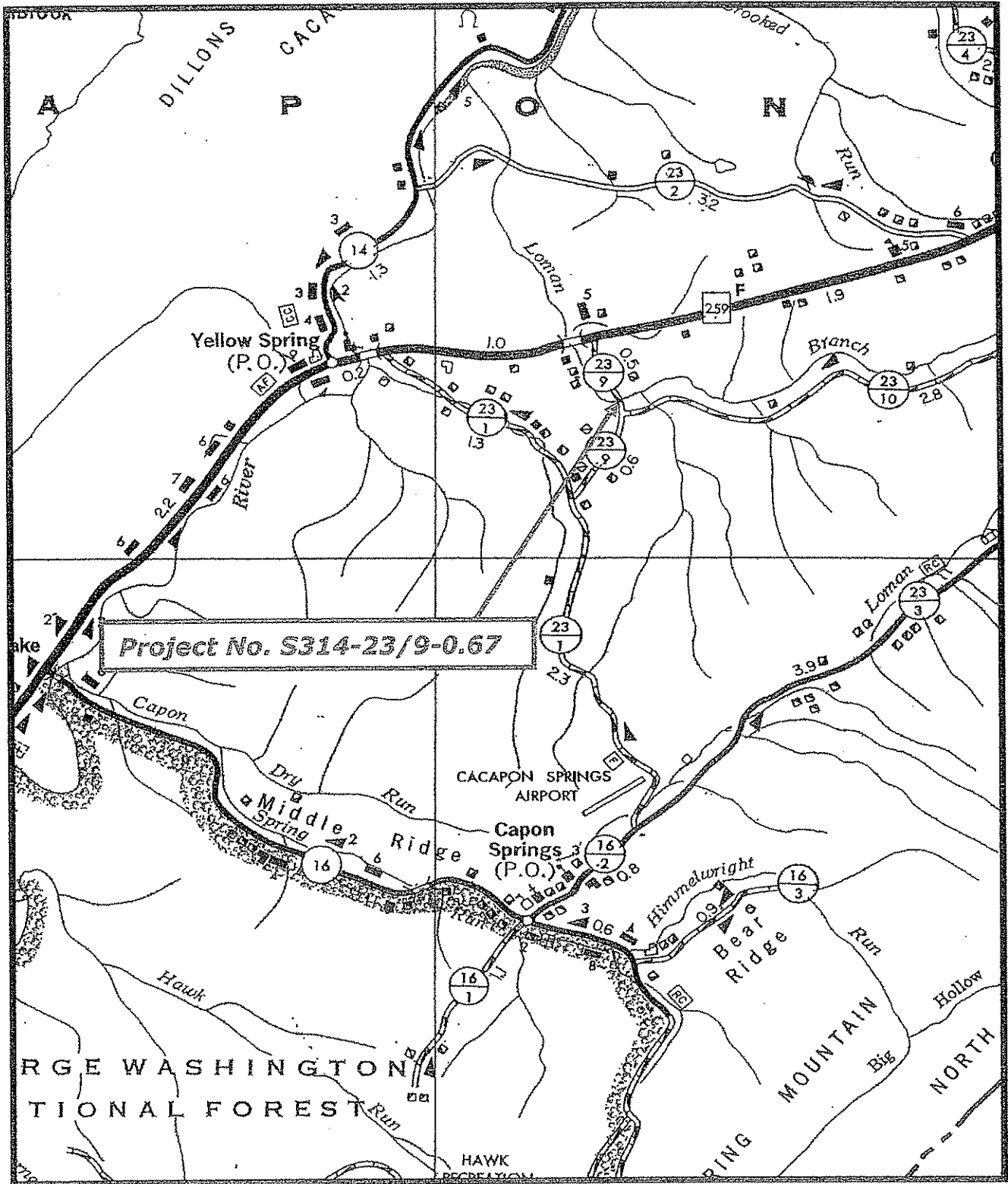
PRESTRESSED CONCRETE BEAM  
DESIGN & ASSEMBLY DETAILS

BRIDGE NO. 11-0-65  
BRIDGE DESIGN NO.

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

STANDARD SHEET BR-0104

THIS SHEET TO BE USED WITH STANDARD SHEET BR-1 OR BR-1A, BR-52A, BR-52B, BR-817A, BR-817B, BR-821A, BR-821B, BR-827A, BR-827B, BR-833A, BR-833B, BR-842A, BR-842B, BR-848, BR-849, BR-851, BR-852, AND BR-853 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: EASTERN VAULT Co., INC.

Signed: 

Date: 3-1-2010

Title: ASST. GENERAL MGR.

\*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 exceeds 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: EASTERN VAULT Co., INC.

Authorized Signature: *Brian P. Steube* BRIAN P. STEUBE Date: 3-1-2010

State of West Virginia

County of Mason, to-wit:

Taken, subscribed, and sworn to before me this 1<sup>st</sup> day of March, 2010.

My Commission expires Oct 18, 2015.

AFFIX SEAL HERE

NOTARY PUBLIC *Frances J. McKinney*

