

**UNIT 1
BRIDGEFORM DECK PLAN
SPANS 1 & 2**

114mm (4 1/2") X 305mm (12") PITCH 19 GA GALV G165 (MARK A)
SCALE: 1:100

SHOP DRAWING REVIEW

REVIEWED AS REQUIRED BY THE CONSTRUCTION CONTRACT DOCUMENTS AND APPROVED, BUT ONLY FOR CONFORMANCE TO THE DESIGN CONCEPT OF THE WORK, AND SUBJECT TO FURTHER LIMITATIONS AND REQUIREMENTS CONTAINED IN THE CONSTRUCTION CONTRACT DOCUMENTS.

REJECTED REVISE AND RESUBMIT FINISH AS CORRECTED

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS WORK WITH THAT OF ALL OTHER TRADERS; AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

VHB Versarac Hanger Brault, Inc.
Engineers, Planners, and Scientists
Six Bedford Farms, Milton Rd.
Bedford, NH 02811-0525 603-841-1889

Job Number: 50911
Reviewed By: SMH
Date: 5-27-05

NOTE!

THESE CONSTRUCTION DRAWINGS SUPERSEDE THE PREVIOUSLY SUBMITTED DWGS THAT WERE STAMPED "FURNISH AS CORRECTED" ON 4/21/05

IN TENSION ZONES

GENERAL NOTES

- MATERIAL NOTES:**
1. WHEELING BRIDGE DECK FORM SHALL BE FABRICATED FROM QUALITY STRUCTURAL STEEL CONFORMING TO ASTM SPEC. A-653/A653M, GRADE 275 FOR 14 GA. - 18 GA. OR GRADE 550 FOR 19 GA. - 22 GA. ACCESSORIES TO BE GRADE 275.
 2. GALVANIZED COATING CONFORMS TO LATEST REVISION OF ASTM A-924/A-924M, COATING G165.

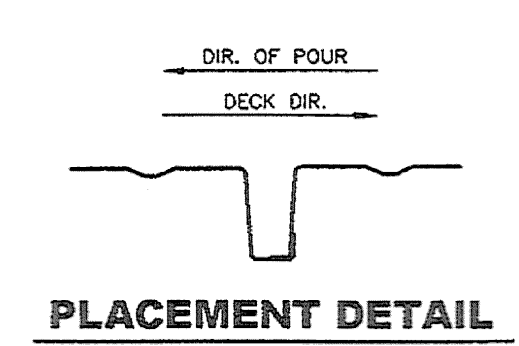
- ERECTOR NOTES:**
- CRITICAL SAFETY CONCERN:
1. EACH SHEET MUST BE FASTENED TO SUPPORTS IMMEDIATELY UPON PLACEMENT TO AVOID HAZARD THAT COULD RESULT FROM HORIZONTAL MOVEMENT OR SUDDEN UPLIFT.
 2. BRIDGE DECK FORM AND ACCESSORY MATERIALS NOT PROMPTLY ERECTED SHALL BE STORED OFF THE GROUND WITH ONE END ELEVATED FOR DRAINAGE.
 3. GENERAL CONTRACTOR SHALL TAKE GRADES ON BEAMS AT MINIMUM OF 3048mm INTERVALS SO THAT DECK ERECTOR CAN ADJUST ELEVATION OF SUPPORTS TO FOLLOW FINISHED ROADWAY PROFILES. (3mm)
 4. PRIOR TO PLACEMENT OF FORMS, THE BRIDGE CONTRACTOR SHALL ADVISE ERECTOR OF DIRECTION OF POUR. ERECTOR WILL PLACE FORM SHEETS IN OPPOSITE DIRECTION TO MINIMIZE DIFFERENTIAL DEFLECTION. (SEE CONTRACT PLAN SHEET SS17 FOR DECK POURING SEQUENCE & NOTES)
 5. ALL SUPPORT ANGLES ARE TO BE WELDED TO TENSION BAR USING A 5mm X 51mm FILLET WELD SPACED AT 305mm ON CENTER WITH WELDS AT EACH END OF EACH SUPPORT.
 6. SHEETS SHALL BEAR A MINIMUM OF 25mm ON ALL SUPPORTS.
 7. ALL CUTTING OF FORM SHEETS AND ACCESSORY ITEMS SHALL BE DONE BY SAW. SHEAR OR OTHER APPROVED METHODS. CUTTING BY BURNING IS NOT PERMITTED.

- MISCELLANEOUS NOTES:**
1. CARE SHALL BE TAKEN TO AVOID DAMAGING THE INSTALLED FORM FROM EITHER STACKING OF MATERIALS, DROPPING EQUIPMENT OR HEAVY CONSTRUCTION TRAFFIC.
 2. CONCRETE SHALL NOT BE DUMPED ON FORMS TO A DEPTH GREATER THAN 305mm ABOVE TOP OF FORM.
 3. ANY ADDITIONAL CONCRETE REQUIRED DUE TO USE OF FORMS SHALL BE AT THE CONTRACTORS EXPENSE.
 4. CALCIUM CHLORIDE (OR ANY ADMIXTURE CONTAINING SALTS) SHALL NOT BE USED IN THE CONCRETE PLACED ON FORMS.
 5. WELDING TO GIRDER IS NOT PERMITTED **IN TENSION ZONES**.
 6. TRANSVERSE DECK SLAB CONSTRUCTION JOINTS SHALL BE CENTERED OVER THE BOTTOM FLUTES. 6mm WEEP HOLES SHALL BE FIELD DRILLED AT NOT LESS THAN 300mm ON CENTERS ALONG THE BOTTOM OF FLUTE.

BRIDGEFORM ACCESSORIES					
UNIT 1 SPANS 1-7	UNIT 2 SPANS 8-15	UNIT 3 SPANS 16-23	MARK	GAGE	DESCRIPTION
854	750	750	BSA-1	10	FORM SUPPORT ANGLE 51mm x 89mm (2" x 3 1/2")
8	8	8	BED-1	14	END DAM 76mm x 76mm x 135' (3" x 3")
1,408	1,762	1,762	BHC-1	12	HOLD DOWN CLIP 102mm x 25mm x 51mm LONG (4" x 1" x 2")
4,096	5,152	5,152	BTB-1	10	TENSION BAR 51mm WIDE X 232mm LONG (2" x 9 1/8")
6,616	7,540	7,540	BFB-1	-	STYROFOAM BLOCKING 67mm x 114mm x 41mm x 1435mm LONG (2 5/8" x 4 1/2" x 1 5/8" x 56 1/2" LONG)
15,400	17,600	17,600			9mm HWH 6mm - 14 X 25mm SELF DRILLING CADMIUM PLATED SCREWS

GRADE 275, GALVANIZED G-185 COATING
ALL ACCESSORIES TO BE 3048mm LONG (UNO)

ACCESSORY QUANTITY BASED ON LINEAR FOOTAGE REQUIRED. ALL CUT-OFFS MUST BE UTILIZED.



114(4 1/2") X 305(12")

SECTIONAL PROPERTIES

PROFILE	GAGE	DESIGN THICKNESS	mm ⁴ /mm	mm ³ /mm	MARK
114(4 1/2") X 305(12")	19	1.062	3387.98	47.15	A
UNIT 1 - 1829 SHEETS @ 3118mm (10'-2 1/2")					
UNIT 2 - 1860 SHEETS @ 3118mm (10'-2 1/2")					
UNIT 3 - 1860 SHEETS @ 3118mm (10'-2 1/2")					

SEE SHEET B2 FOR CONTINUATION

Wheeling Corrugating Company
1890

MISSISSIPPI BAY BRIDGE
OVER MISSISSIPPI BAY, BRIDGE NO. 2
COUNTIES OF GRAND ISLE AND FRANKLIN
STATE OF MISSISSIPPI
DATE OF PERMIT AGENCY OF TRANSPORTATION
PROJECT #
DRAWN BY
CHECKED BY
DATE
BRF 036 - 1 (1)

CUSTOMER: CIAMBRO
PROJECT: MISSISSIPPI BAY BRIDGE
LOCATION: OVER MISSISSIPPI BAY, BRIDGE NO. 2
OWNER: STATE OF MISSISSIPPI
DATE: 3/21/05
DRAWN BY: GJH
CHECKED BY: LUCAS
DATE: 3/28/05

PRINTS ISSUED

No.	DATE	FOR
0/6	3/28	APPROVAL
E-0/6	4/21	APPROVAL
E	4/22	APPROVAL
E	5/13	APPROVAL

SYMBOLS

- SED. LINE
- AREA LINE
- SED. MARK
- AREA MARK
- E.O.D. - END OF DECK
- E.O.S. - END OF SLAB

PROJECT # **BR-05-27**

B1

SHEET 1 OF 13

EACH SHEET MUST BE FASTENED TO SUPPORTS IMMEDIATELY UPON PLACEMENT TO AVOID HAZARD THAT COULD RESULT FROM HORIZONTAL MOVEMENT OR SUDDEN UPLIFT