



**PORTAL SECTION**  
 SCALE 3/8" = 1'-0"  
 1 0 1 2 3 4

- NOTES:**
1. THE DIMENSIONS GIVEN FOR LOCATIONS OF GUSSET AND OTHER CONNECTION PLATES ARE FOR REFERENCE ONLY AND ARE BASED ON LIMITED FIELD MEASUREMENTS. THE CONTRACTOR SHALL FIELD-VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF ANY NEW STEEL.
  2. STEEL ANGLES AND GUSSET PLATES THAT ARE NOT DAMAGED SHALL BE RE-USED.
  3. HOLES SHALL BE FIELD DRILLED AS NECESSARY TO MATCH EXISTING HOLES AND TO PROVIDE THE CORRECT GEOMETRY FOR THE PORTAL BRACING AND THE ASSEMBLED TRUSS.
  4. FOR STRUCTURAL STEEL AND HARDWARE REQUIREMENTS, SEE SHEET 20.

**VIEW A-A**  
**PORTAL BRACING**  
 MEMBER PB 2-1  
 SCALE 3/4" = 1'-0"  
 1 0 1 2

|  |              |                          |                |
|--|--------------|--------------------------|----------------|
| <b>STATE OF VERMONT<br/>AGENCY OF TRANSPORTATION</b> |              |                          |                |
| Town Of  | SWANTON      | Bridge No.               | 18             |
| Highway No.  |              | Log Sta.                 | .....          |
|  |              | Surv. Sta.               | .....          |
| RAIL TRAIL OVER MISSISQUOI RIVER                     |              |                          |                |
| <b>PORTAL BRACING REPAIR DETAILS</b>                 |              |                          |                |
| Designed By  | R. SACCHI    | Drawn By                 | R. ROSS        |
| Checked By   | H. BUI       | Date                     | 1/23/08        |
|  |              | Bridge Design Supervisor | R. SACCHI      |
|  |              | Date                     | 1/23/08        |
| PROJECT  | SWANTON      | PROJECT NO.              | STP ST MHTB(I) |
| LG.C. Info.  | ZD024PBl.dgn |                          | 1/30/2008      |
| Bridge Sheet No.                                     | BR3          | Sheet                    | 38 of 63       |