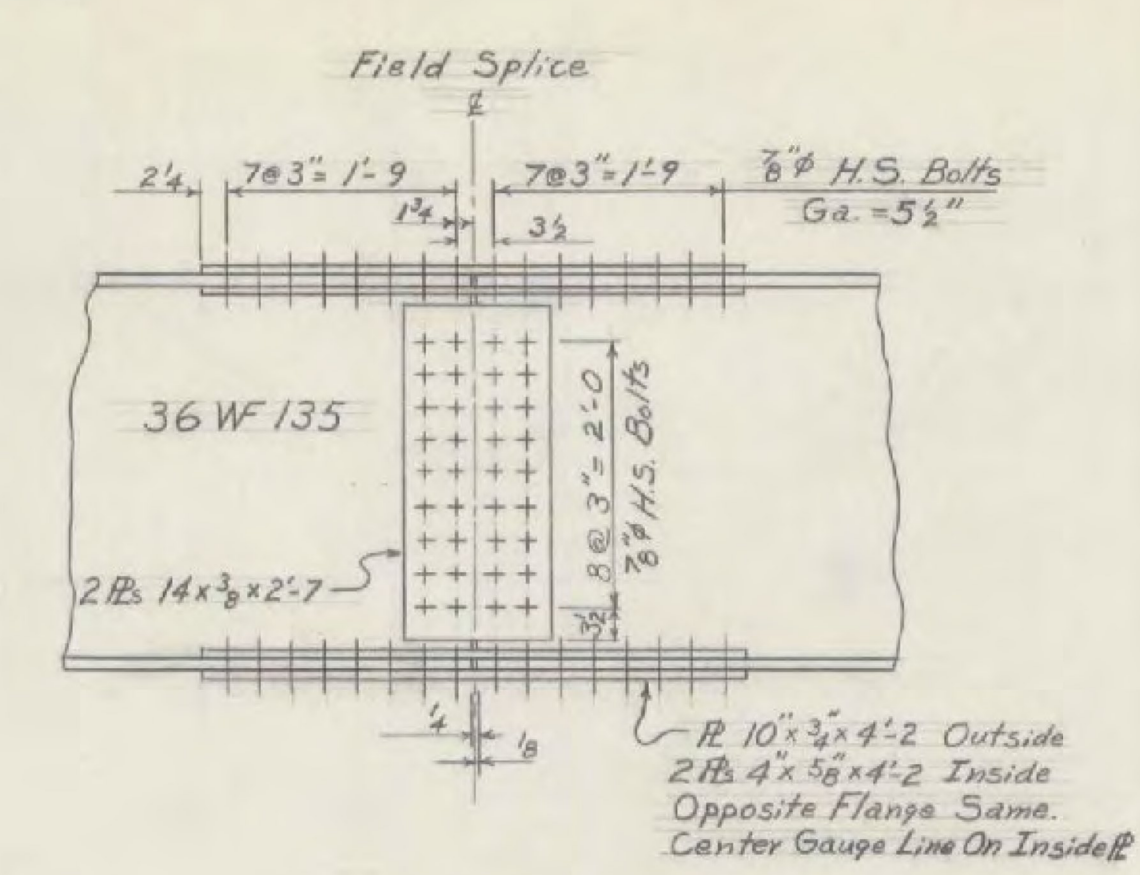
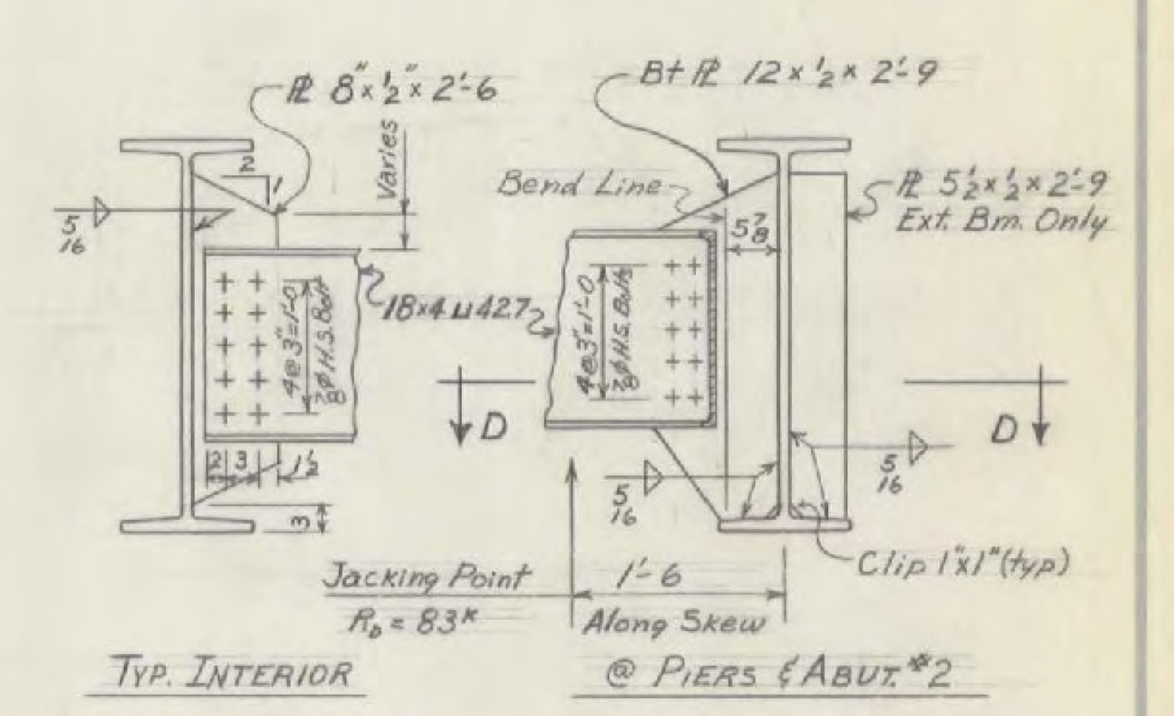


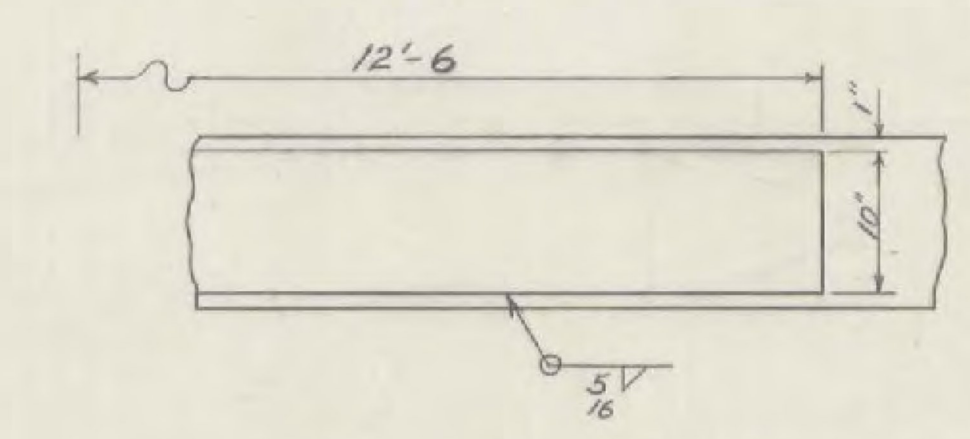
**FRAMING PLAN**  
Scale 3/4"=1'-0"  
Details Not Shown Are Same As Opposite Bridge



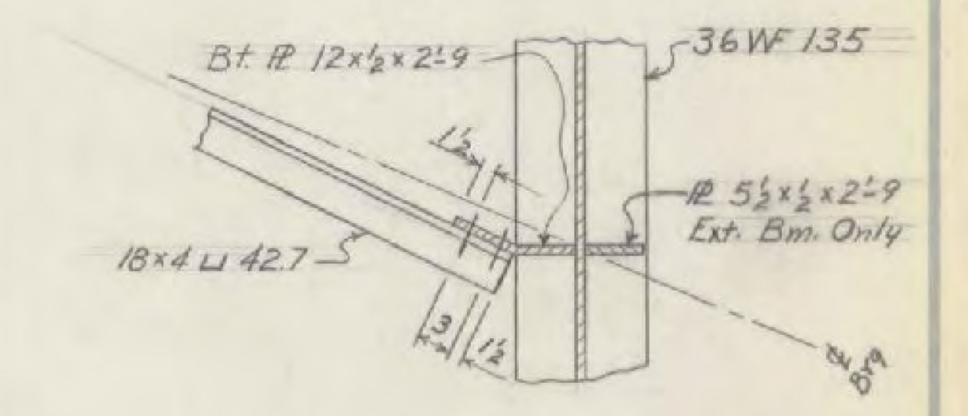
**FIELD SPICE**  
Scale 3/4"=1'-0"



**DIAPHRAGM DETAILS**  
Scale 3/4"=1'-0"



**COVER PLATE DETAILS**  
Scale 1 1/2"=1'-0"  
Top & Bottom Plates Are Same

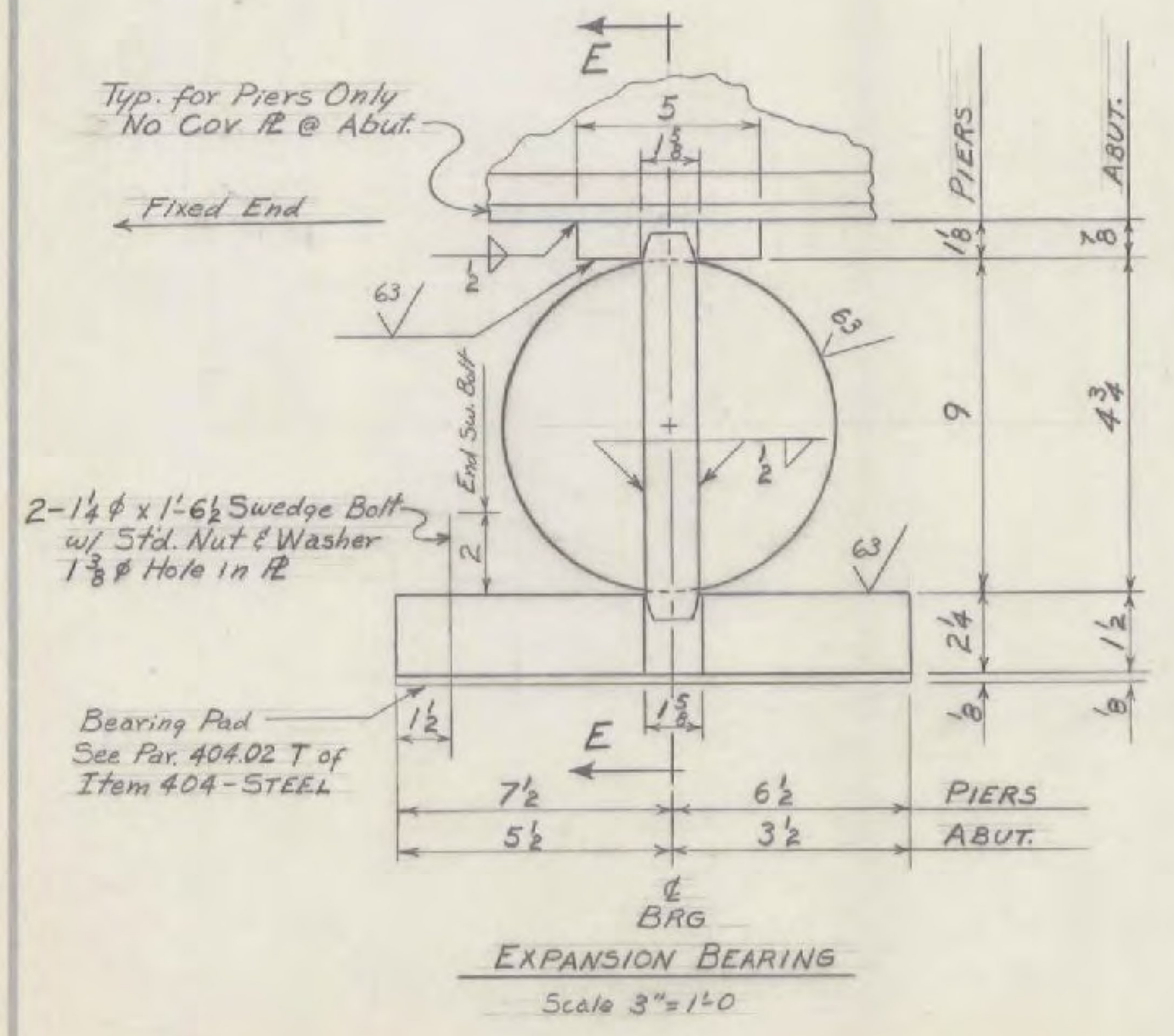


**SECTION D-D**  
Scale 3/4"=1'-0"

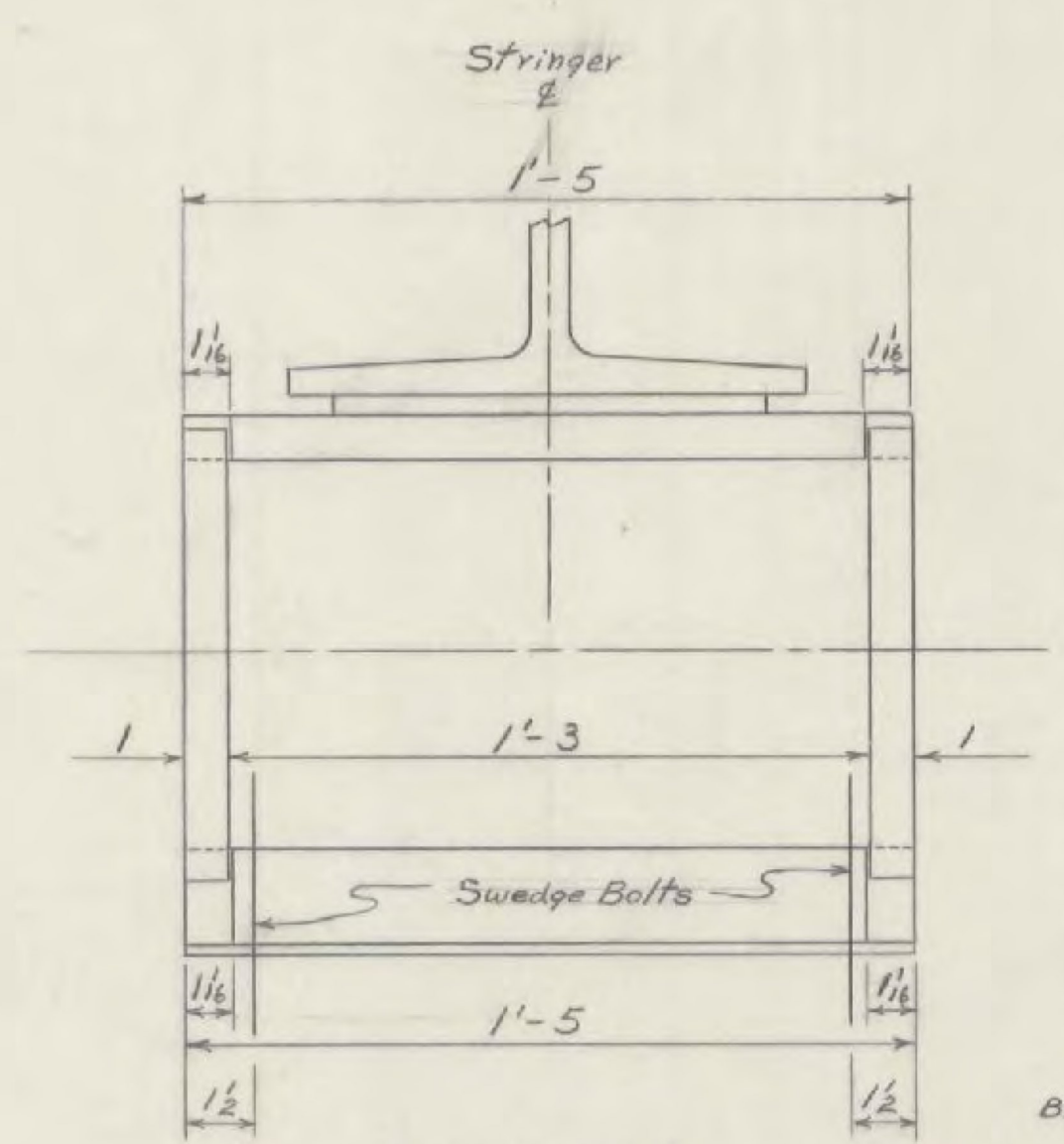
**NOTES**

1. Materials: All structural steel not otherwise specified shall conform to the specification for Structural Steel A.S.T.M. Designation A36-62T. Rollers for expansion bearings shall be cold finished carbon steel conforming to A.S.T.M. Designation A108 (A.I.S.I. Grade 1045). Roller shall be turned and finished as indicated. Roller shall be preheated in furnace to a temperature appropriate to the type of electrode before welding, held at this temperature until welding is completed, and allowed to cool slowly. Finish machining shall be done subsequent to welding. Min. allow. 1/8" 50,000 psi. Exp. Base plates and Sole plates shall be Structural Nickel Steel, A.S.T.M. Designation A8. Finished surfaces shall be plane so as to afford full contact with the roller.
2. Dimensions shown are measured horizontally or vertically and are for 68°F.
3. No camber is specified. Fabricate end spans with mill camber down and center section with mill camber up. Final roadway grade and haunch depth is to be determined by the Engineer following erection of the structural steel and the determination of the stringer profiles.
4. For additional notes see Standard Structures Sheet SCB-D1-62.

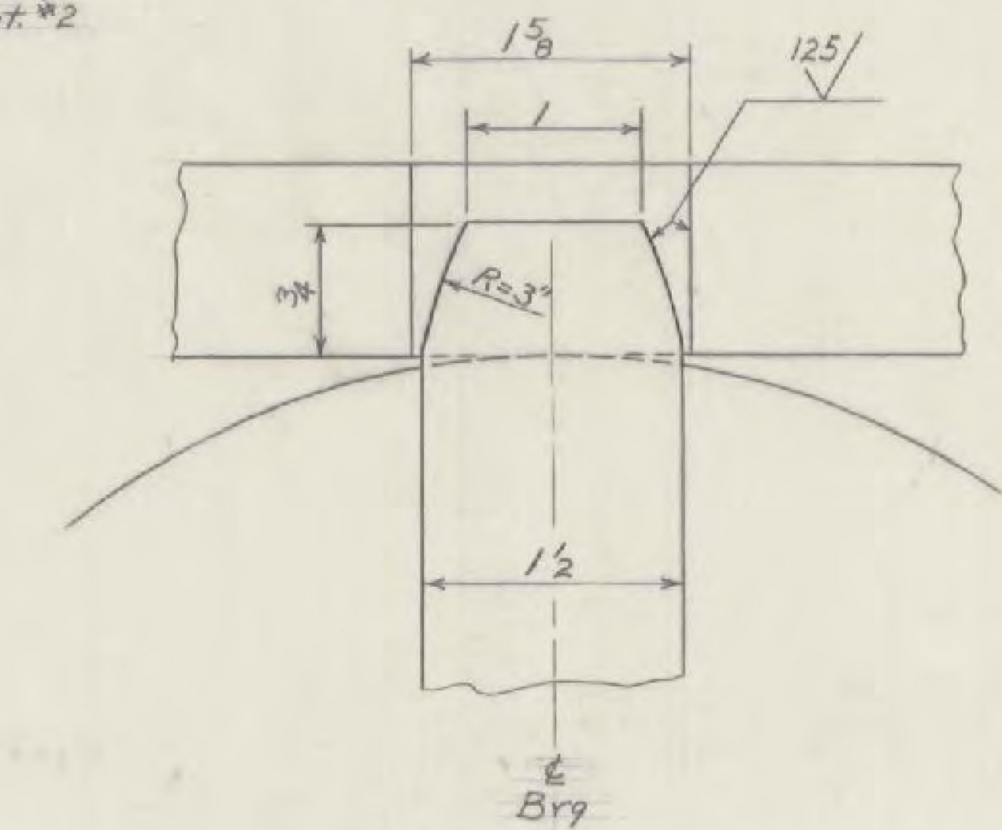
Revision 1 Date 2-25-65 by R.P.G. and R.V.D.  
Increased finish grade elevations by 0.25 ft. on this sheet only.



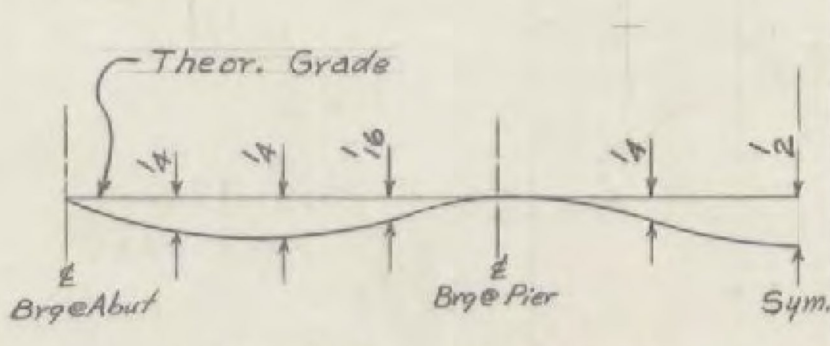
**EXPANSION BEARINGS**  
Scale 3"=1'-0"



**SECTION E-E**  
Scale 3"=1'-0"



**PINTLE DETAIL**  
Full Size



**DEAD LOAD DEFLECTION**  
Not to Scale  
Dimensions shown are for expected deflection at quarter points due to full dead load.

| ITEM NO. | ITEM                     | UNIT | N.B.    | S.B.    | TOTAL   | FINAL   |
|----------|--------------------------|------|---------|---------|---------|---------|
| 105-A    | CHAN. EXCAV. OF EARTH    | C.Y. |         |         |         |         |
| 105-B    | CHAN. EXCAV. OF ROCK     | C.Y. |         |         |         |         |
| 105-C    | UNCLASS. CHAN. EXCAV.    | C.Y. |         |         |         |         |
| 107      | STRUCT. EXCAV.           | C.Y. |         |         |         |         |
| 401-B    | CONC. CLASS B (MOD.)     | C.Y. |         |         |         |         |
| 402      | REINF. STEEL             | LBS. |         |         |         |         |
| 407      | ASPHALTIC-ASB. COATING   | S.Y. |         |         |         |         |
| 502-B    | TREATED TIMBER PILING    | L.F. |         |         |         |         |
| 503      | SPLICES FOR STEEL PILING | EA.  |         |         |         |         |
| 504      | STEEL PILING             | L.F. |         |         |         |         |
| 502-A    | UNTREATED TIMBER PILING  | L.F. |         |         |         |         |
| 404-A    | Structural Steel         | LBS. | 117,900 | 147,900 | 265,800 | 246,011 |

WINDSOR - HARTFORD  
IM BPNT (13)  
PROJECT BRIDGE 34  
SHEET 17 OF 36  
FOR INFORMATION ONLY

**STATE OF VERMONT**  
DEPARTMENT OF HIGHWAYS

**WEATHERSFIELD - WINDSOR - HARTLAND**

ROUTE No. 191 STA. 3043+80

**FRAMING PLAN & EXP. BRG. DETAILS**  
INTERSTATE OVER WINDSOR T.R. #5

SCALE: As Noted

SURVEYED BY: \_\_\_\_\_  
DRAWN BY: RLM 5-20-63 CHECKED BY: R.P.G.  
PROJECT NO. I91-1(21) Cont. 3  
SHEET 45 OF 166

BR 104 of 114