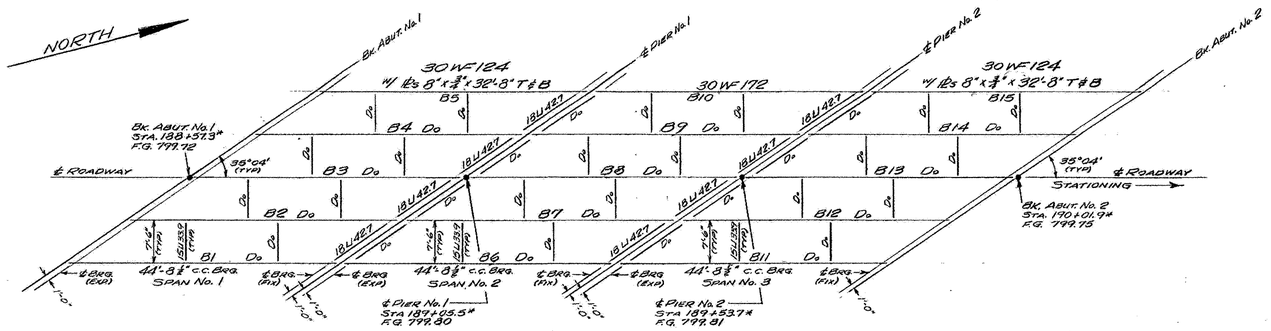
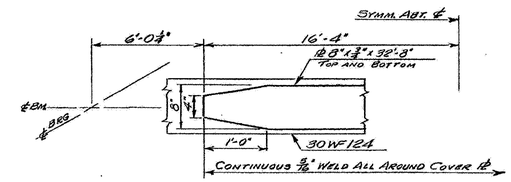
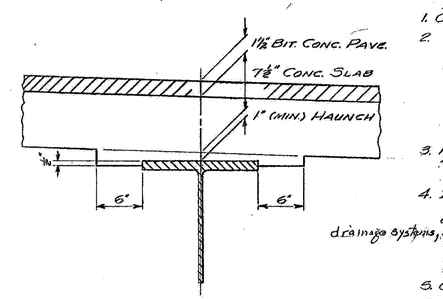


Framing Plan
Scale: 3/32" = 1'-0"



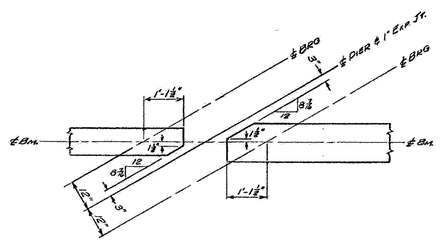
Cover Pl. Detail
For All Beams in Spans No. 1 & No. 3
No Cover Pls. Required in Span No. 2
(Not to Scale)



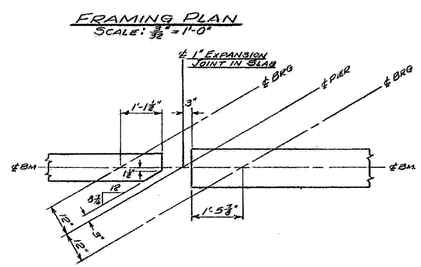
Detail of Beam Haunch
(Non-Composite)
Scale: 1 1/2" = 1'-0"

Notes

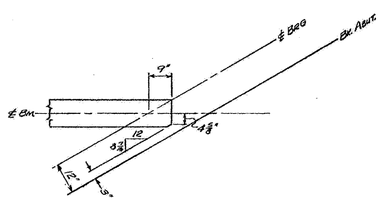
1. Original beams are to be reused.
2.
3. For modification of Item No. 404-B, "Steel Superstructure, Modified, at Sta. 189+," see Special Provisions.
4. Item No. 404-B, "Steel Superstructure, Mod." to include all structural steel, such as cover plates, diaphragms and connections, scuppers, bearing devices for beams and end posts, special shear connectors, shim plates, and in addition all necessary refabrication of original beams.
5. Cover plates to be as per detail this sheet.
6. Interior diaphragms and connections to be installed as per Std. Sh. SCB-D7-62, detail D. Diaphragms and connections at piers as per Std. Sh. SCB-D7-62, "Details A & D. Pier Expansion detail as per Std Sh. SCB-D2-62, Det. A, and SCB-D3-62.
7. ——
8. Bearing device for beams as per Std. Sh. SCB-D8-62, Det. A. Bearing device for end posts as per detail "A" this sheet.
9. Special shear connectors to be welded to the beam web (in 2 vertical rows) opposite each end post. 3/4" Ø x 6 1/2" lg. welding studs shown. Alternate connectors, such as straps, may be used with the written approval of the Engineer.
10. Refabrication of original beams shall include cutting ends of beams as detailed this sheet and as shown on Std. Sh. SCB-D5-62 providing new holes in beam flanges for bearing plates and slotted holes in beam webs for reinforcing steel as per Std. Sh. SCB-D8-62, Det. A.
11. For modification of Item No. 109, "Maintenance of Traffic for Bridge Project, Modified, at Sta. 189+," see Special Provisions.



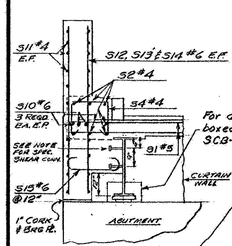
Interior WF Beam Cut-off @ Piers
(Not to Scale)



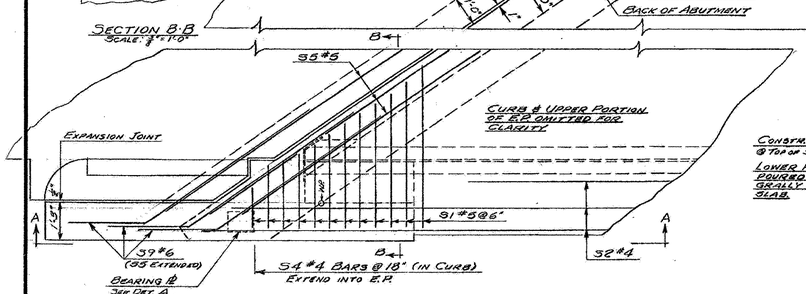
Exterior WF Beam Cut-off @ Piers
(Not to Scale)
Typical for Left Side - Right Side Similar - See Std. Sh. SCB-D5-62



WF Beam Cut-off @ Abuts.
(Not to Scale)

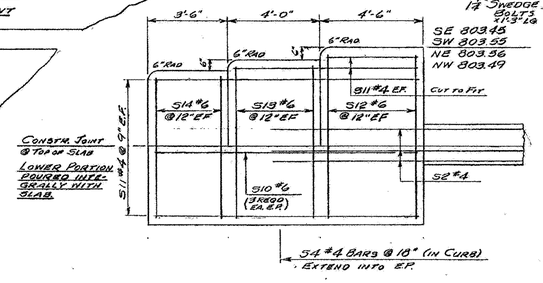


For details of boxed opening see SCB-D9-62, Det. A

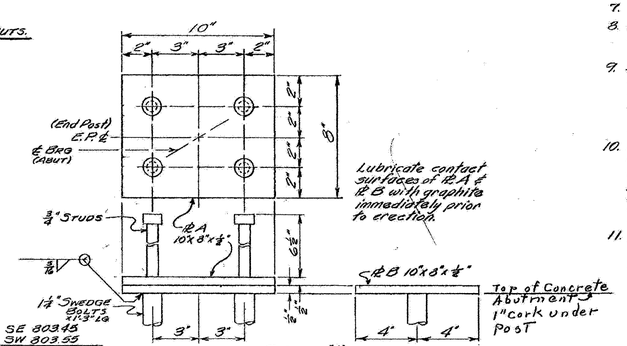


Section B-B
Scale: 3/8" = 1'-0"

End Post Plan
Scale: 3/8" = 1'-0"



Section A-A
Scale: 3/8" = 1'-0"



Detail "A"
End Post Bearing Detail
(4 Regd.)
Scale: 1/4" = 1"

BRIDGE 52
FOR REFERENCE ONLY

SHEET 8 OF 14
BR 102 OF 113

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

Town of Dorset
Route No. US 7 Log Sta. 183+81
Superstructure Details
South Overpass (Sta. 189+)
Scale As Noted
Surveyed by Delano
Drawn by AHS Checked by A.J.C.
Project No. F019-2(12)
Sheet 34 of 130