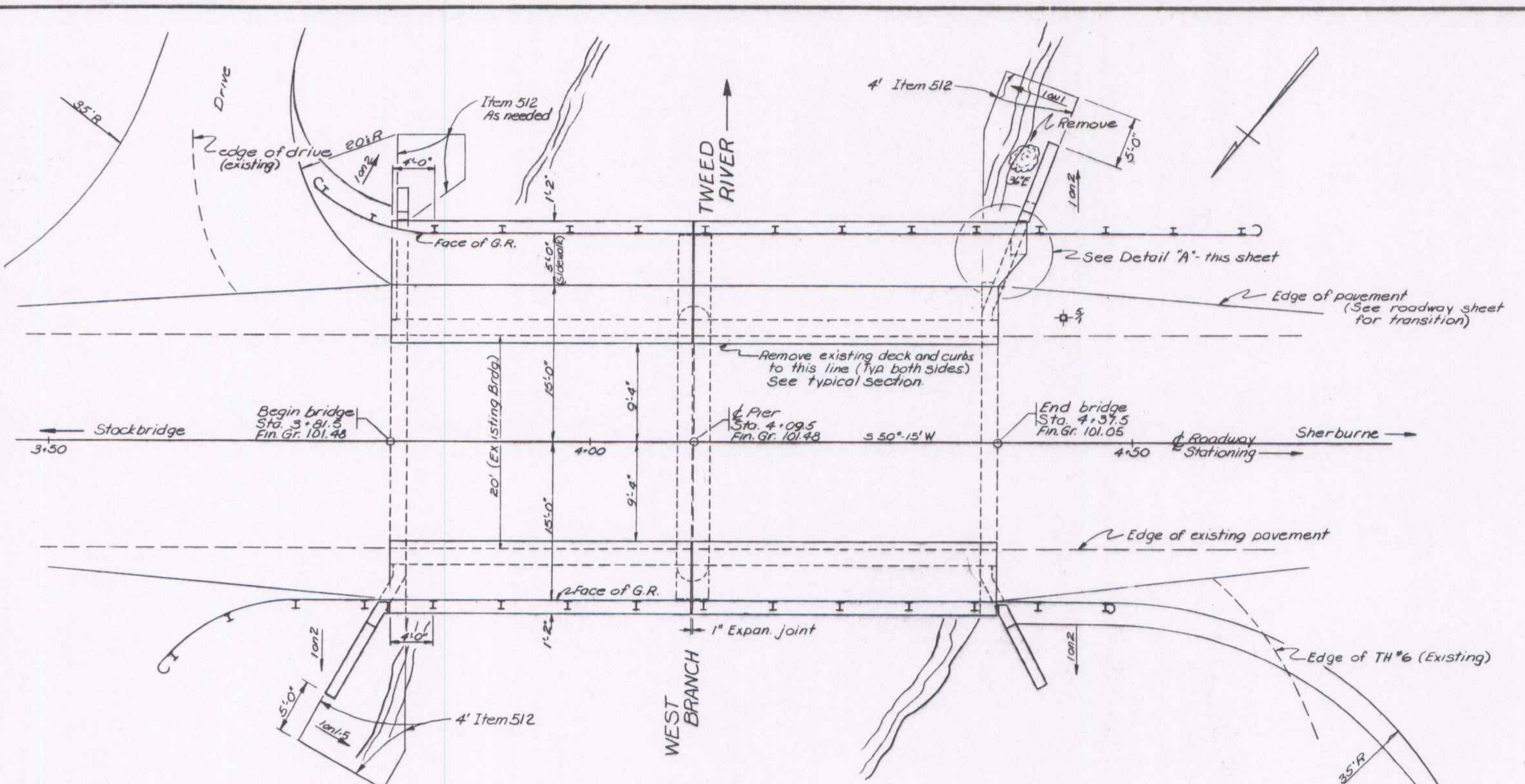
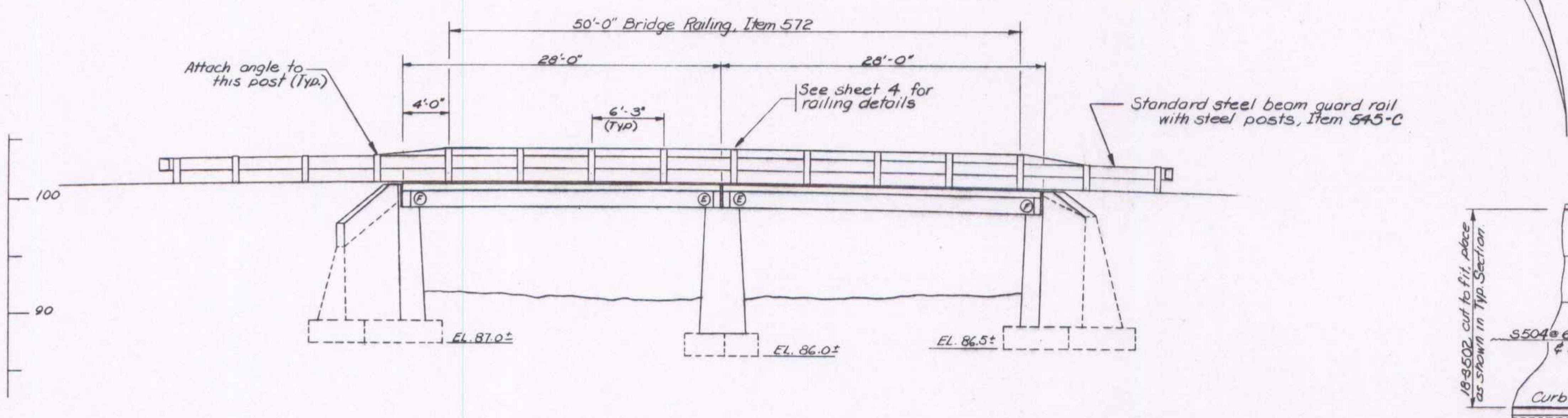
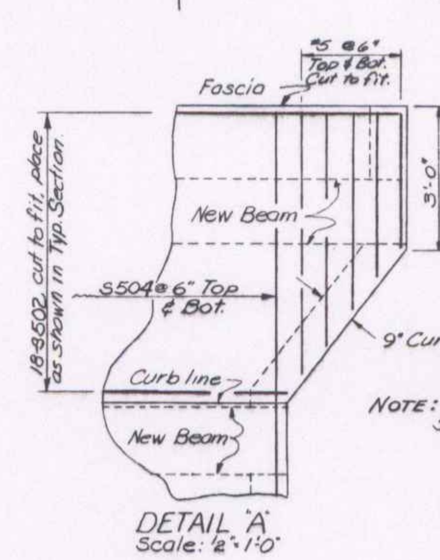


PLAN



ELEVATION



NOTE: Steel shown is deck & sidewalk steel only.

DETAIL "A"
Scale: ½"=1'-0"

~GENERAL NOTES~

1. All materials and construction shall conform to the State of Vermont, Department of Highways, Standard Specifications for Highway and Bridge Construction dated April 1964, and AASHO Standard Specifications for Highway Bridges dated 1965.
2. All exposed edges of concrete shall be chamfered 1".
3. Dimensions given are measured horizontally or vertically unless indicated otherwise.
4. Minimum clearance from face of concrete to face of reinforcing steel shall be 2", unless indicated otherwise. Minimum reinforcing steel lap shall be 40 diam.s
5. All steel for railing posts and base plates shall conform with A.S.T.M. Designation A-36-62T. The entire assembly shall be galvanized after fabrication as per Item 541 section 541.02 F.
6. Concrete in the beams and deck shall be Class A-A Mod. Concrete in the abutments and pier shall be Class B, Mod.
7. The bituminous concrete pavement shall conform with the specifications for Item 361. Mod. Type IV.
8. Railing posts shall be set normal to grade.
9. The bridge seat surfaces are to be sloped ½" per foot to drain - except at bearing pads, which will be level.
10. The entire bridge seat surfaces shall be coated with Asphaltic Asbestos Coating. Item 407, which shall be applied after all other work is completed.
11. All expansion material shall conform with AASHO Designation M153 Type II.
12. Water Repellent. Item 440 shall be applied to all exposed surfaces of new concrete, not otherwise treated, except as indicated on the typical section.
13. Dimensions may be adjusted to match existing structure, as directed by the engineer.
14. Substructures are assumed to be normal to centerline of roadway. New work is to match existing substructure skew.
15. Removal of old concrete, as indicated, shall be paid for at the unit price bid for Item 103-B, Solid Rock Excavation.

DESIGN CRITERIA

Loading: H 15-44

Allowable stresses: Concrete - 1200 psi
Steel - 20,000 psi Tension
- 16,000 psi Comp.

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWN OF PITTSFIELD
ROUTE NO. VT 100 LOG STA. 191+69
OVER WEST BRANCH TWEED RIVER
PLAN AND ELEVATION
SCALE 1"=6'
SECTION SUPERVISOR R L MERCHANT
DRAWN BY K. [illegible] 1/68 CHECKED BY C. O'BRYAN 2/68
PROJECT NO. BB-022-1-6635
SHEET 2 OF 13

BR-8