

Remove & Replace existing (3) 1/2" x 6" plank railing As shown. Nail to verticals w/ 20d Galv. Nails

New Guard Rail, Heavy Duty Steel Beam (ASTMA388) w/Std. End Section HM-TF-13/RE-8 (ASTM) Lag Bolted to timber Guard Rail As shown

New 8" x 14" Floor Beams @ 2'-0" c-c (Typ)

New 3" Running Plank

New 2" x 6" Laminated Deck

Top Of Wingwall

Subbase Of Gravel

New Finished Grade Slope Away From Bridge

Existing Finished Grade

Leave 2" Clearance around end brace

Fill slope

New 1" x 6" Backwall

New 4" x 1-6" x 6" Oak Bearing Block

Existing 3/4" Bolt at Verticals, Replace with 1" Bolt, Nut & (2) Washers

Prepare New Bridge Seat (Typ) See Note # 14

End Of Bridge Deck

8-0 Min. Stagger Butt End Splices Either side of Vertical Member

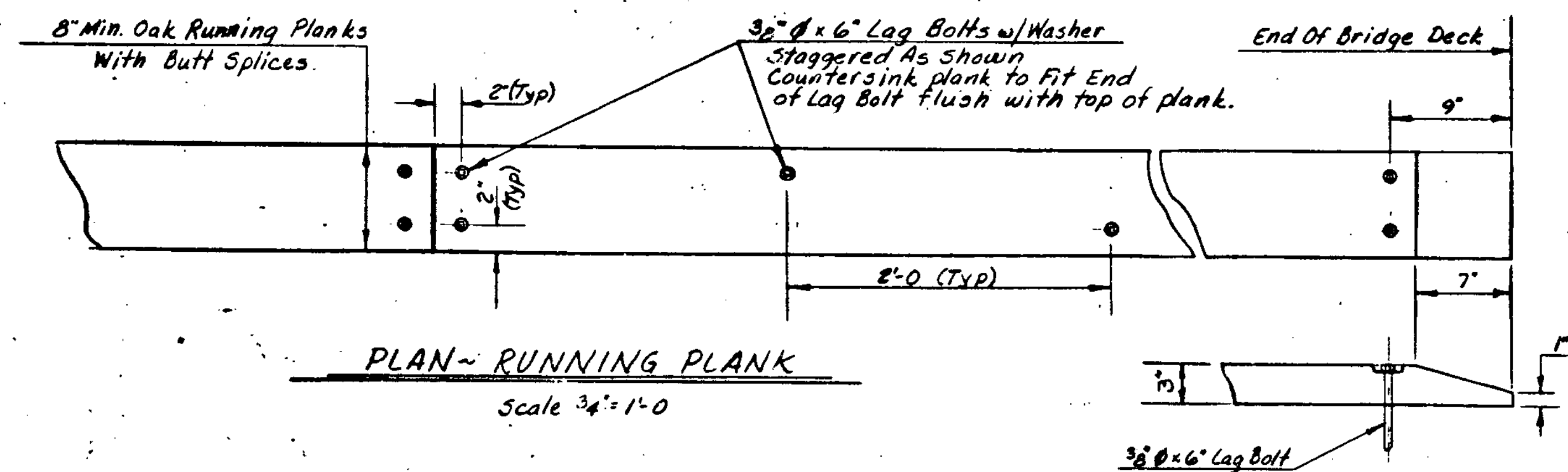
(2) 1" Bolts, Nut & (2) Washers Near End Of New Chord Members

Existing Trunnels 1/2" Replace with 1" Bolt of new Bot Chord only. Drill to 1 1/8" Hole

Assume 15'-0" average length of bottom chord replacement at each corner of bridge.

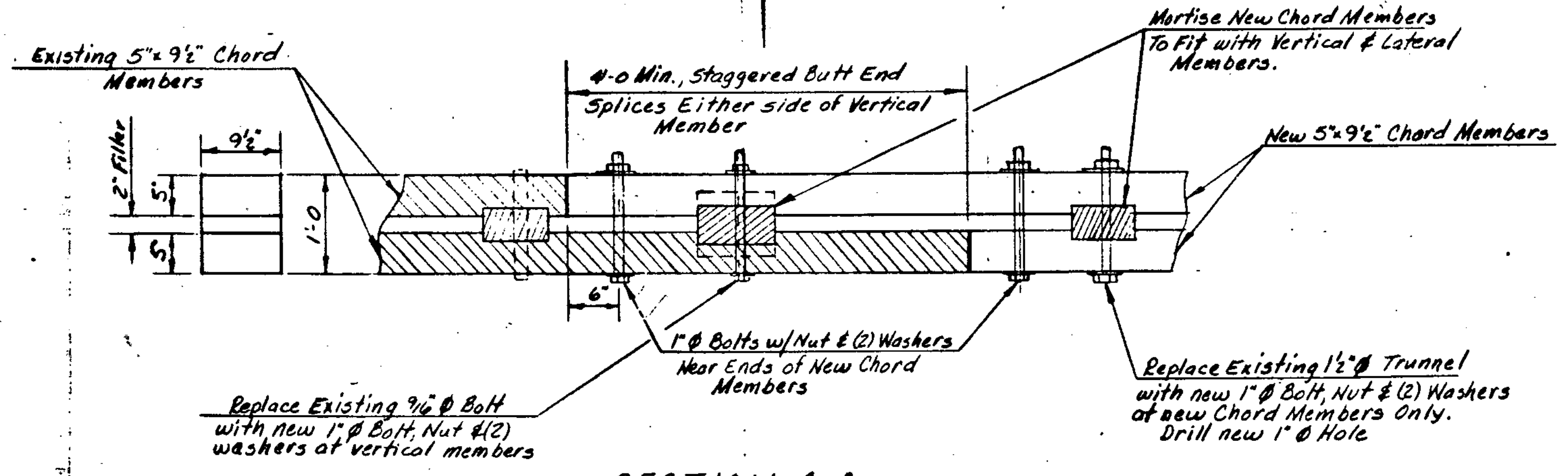
~ VIEW FROM INSIDE BRIDGE ~

Scale 3/4" = 1'-0"



PLAN ~ RUNNING PLANK

Scale 3/4" = 1'-0"



~ SECTION A-A ~

Scale 1" = 1'-0"

- GENERAL NOTES (CONTINUED)
18. EXISTING BACKWALLS AND TOPS OF ABUTMENTS SHALL BE REMOVED AND NEW BRIDGE SEATS POURED FOR BEARING BLOCKS AS DIRECTED BY THE ENGINEER. BRIDGE SEATS SHALL BE SLOPED AWAY FROM BEARING BLOCKS.
  19. ALL WINGWALLS SHALL BE SKEWED TO MATCH AVAILABLE FOUNDATION CONDITIONS AS DIRECTED BY THE ENGINEER.
  20. NEW FLOOR BEAMS SHALL BE TOE NAILED TO THE BOTTOM CHORD USING 20d GALV. NAILS.
  21. NEW DECKING SHALL BE 2" x 6" STRIPS PLACED ON EDGE LONGITUDINALLY WITH STAGGERED BUTT JOINTS. EVERY OTHER STRIP SHALL BE TOE NAILED TO EVERY OTHER FLOOR BEAM WITH 16d GALV. NAILS.
  22. AN ESTIMATED QUANTITY OF 10CY. OF STONE FILL, TYPE II HAS BEEN INCLUDED TO BE PLACED AROUND THE BOTTOM OF SOUTH ABUTMENT.
  23. STRUCTURE EXCAVATION SHALL INCLUDE REMOVAL OF EXISTING BACKWALLS, MATERIAL AT EXISTING BRIDGE SEATS, AROUND NEW BACKWALLS & WINGWALLS AND ALONG THE BASE OF EXISTING SOUTHERN ABUTMENT.
  24. THE NUMBERS OF STRUCTURAL STEEL ITEMS SHOWN IN THE HARDWARE TABLE ARE FOR ESTIMATING PURPOSES ONLY. EXACT NUMBERS AND LENGTHS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
  25. "STRUCTURAL STEEL" AND "TIMBER" QUANTITIES ARE ESTIMATES ONLY. THE ACTUAL QUANTITIES MAY VARY.
  26. ALL WORK SHALL PROCEED IN AN ORDERLY, WORKMANLIKE MANNER AS DIRECTED BY THE ENGINEER TO ASSURE THAT THE COMPLETED PROJECT WILL HAVE A SYMMETRICAL, PLEASING APPEARANCE AND WILL MEET THE SPECIFICATIONS NOTED ABOVE.
  27. ALL BROKEN TRUNNELS IN ANY CHORDS SHALL BE REPLACED WITH 1" BOLT.
  28. STONE FILL SHALL BE PLACED DURING THE PERIOD JUNE 1 - OCT. 1

<b>STATE OF VERMONT</b>	
<b>AGENCY OF TRANSPORTATION</b>	
TOWN OF IRASBURG	Bridge No. 20
HIGHWAY NO. CLASS 3, TH 8	Log Sta. —
TH 8 OVER BLACK RIVER	Surr. Sta. —
~ MISCELLANEOUS DETAILS ~	
Designed by R. OATLEY	Drawn by M. CERUTTI
Checked by G. SCHELLEY date 6/83	Bridge Design Supervisor R.L. Oatley date 2-84
PROJECT IRASBURG	PROJECT NO. TH 3146
Bridge Sheet No.	Sheet 3 of 10

BRUNING 44.131 9234