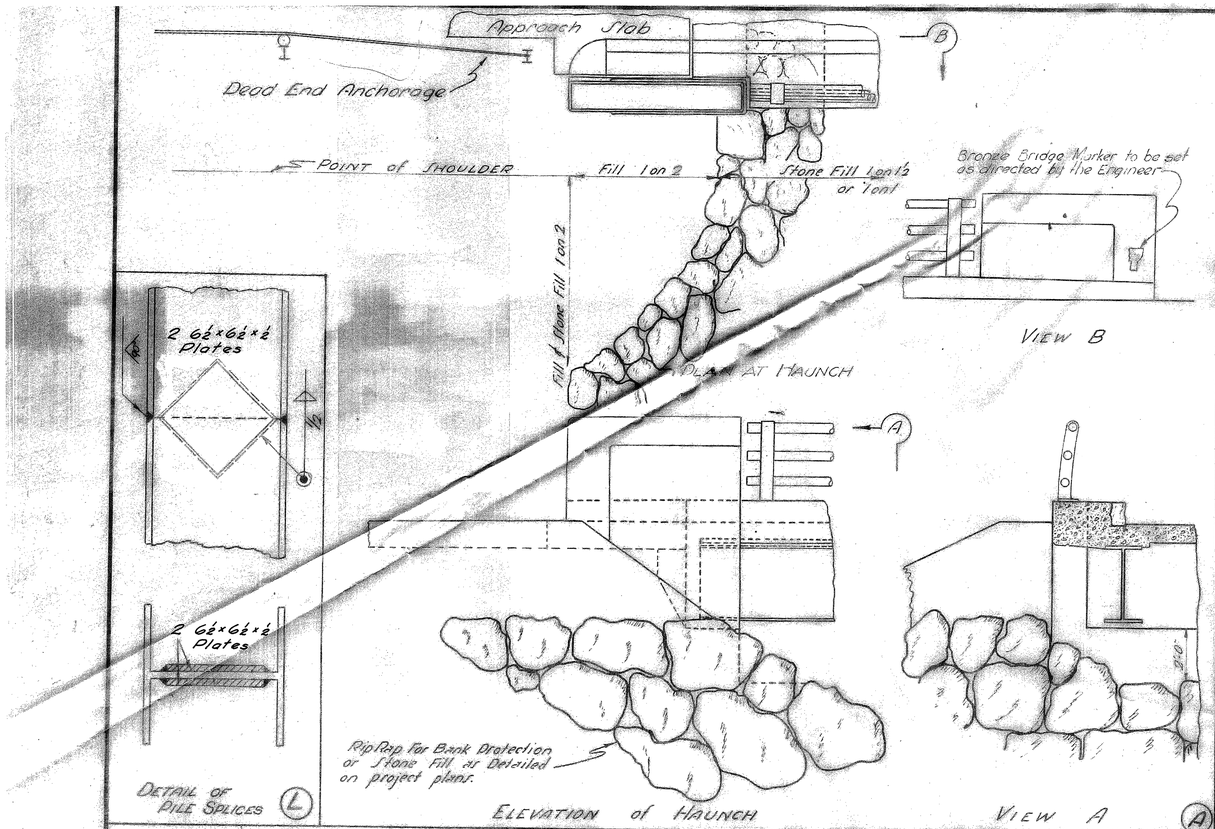
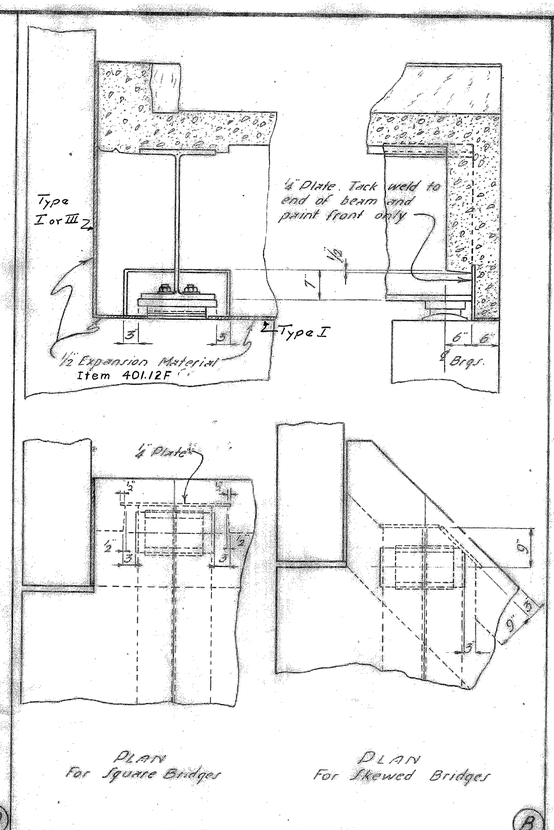
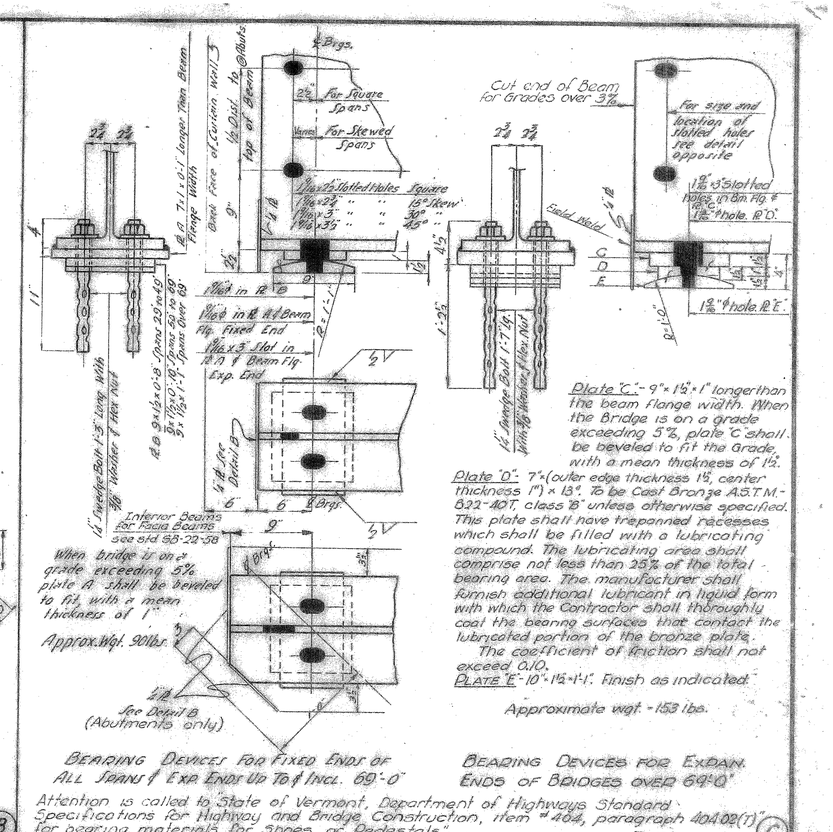
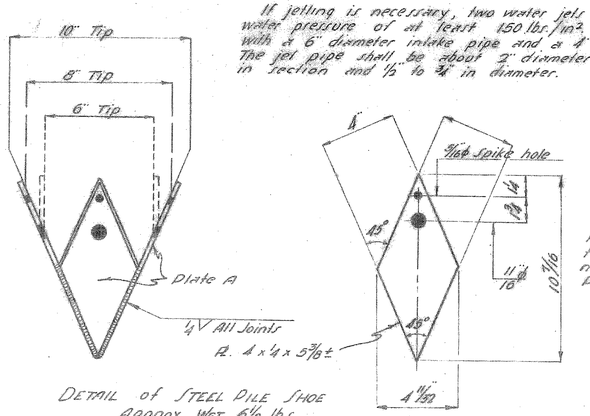






Attention is called to State of Vermont, Department of Highways Standard Specifications for Highway and Bridge Construction, item #464, paragraph 404.02(1) for bearing materials for Shoes or Pedestals.

(G)

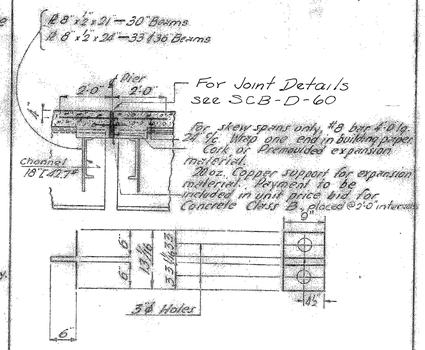


If jetting is necessary, two water jets should be used with a water pressure of at least 150 lbs./in². Pump to be piston type with a 6" diameter intake pipe and a 4" diameter outlet pipe. The jet pipe shall be about 2" diameter nozzle to be circular in section and ½" to ¾" in diameter.

Unit price bid for Timber Piling shall include furnishing and setting of metal shoes for Timber Piling and jetting if necessary.

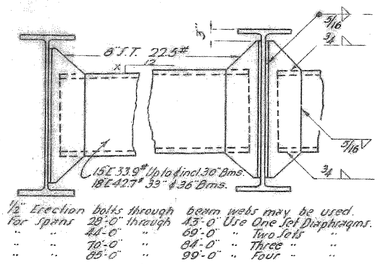
DETAIL of STEEL PILE SHOE
APPROX. WGT. 6½ lbs.
Other Type of Shoes may be furnished with the approval of the Engineer.

(D)



DETAIL of 20 oz. COPPER SUPPORT OVER PIERS

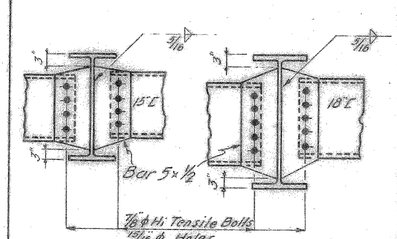
(E)



½" Erection bolts through beam webs may be used.						
For spans	29'-0"	through	43'-0"	Use One Set Diaphragms.		
" "	44'-0"	"	69'-0"	" Two Sets	"	
" "	70'-0"	"	84'-0"	" Three	"	
" "	85'-0"	"	99'-0"	" Four	"	

DETAIL of WELDED DIAPHRAGMS

(F)

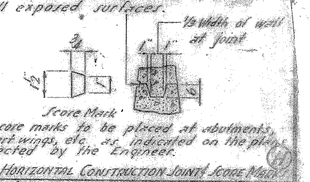


American Standard Heavy Round, Hardened Washer to be used under all heads and nuts.

ALTERNATE DETAIL FOR FIELD BOLTED DIAPHRAGMS

(G)

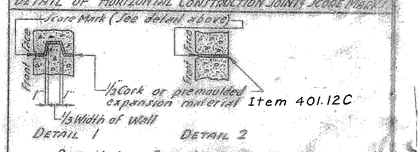
Construction joint may be placed at score marks if convient. Care shall be taken to conceal joint in all exposed surfaces.



Horizontal score marks to be placed at abutments, piers, culvert wings, etc. as indicated on the plans or as directed by the Engineer.

(H)

DETAIL of HORIZONTAL CONSTRUCTION JOINT & SCORE MARK



Detail 1 or Detail 2 to be used as shown on Contract Plans.

DETAIL of VERTICAL EXPANSION JOINT

(K)

REVISIONS & CORRECTIONS
Slotted holes in beam web at piers deleted. Pile splice changed. 8-26-60
Changed Expansion Material Note 12/2/60

DRAWN BY L.M. Bjorn 5-58
TRACED BY A.P. MacDougal 5-58
CHECKED BY J.L. Hibbard 5-58

CORRECT 13 July 1960
L.M. Bjorn
BRIDGE ENGINEER

APPROVED 13 July 1960
A.O. Dickey
CHIEF ENGINEER

CONSTRUCTION DETAILS FOR WF BEAM BRIDGES

DEPARTMENT OF HIGHWAYS
STANDARD STRUCTURES

SOUTH BURLINGTON IM DECK(36)
FOR REFERENCE ONLY - BRIDGE 68
SHEET 73 OF 75

SB-20-60

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