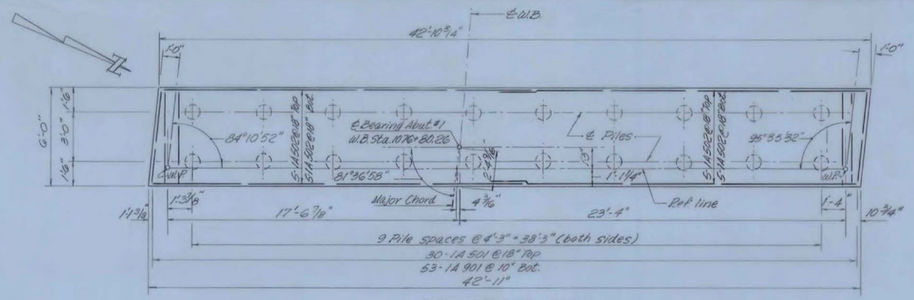
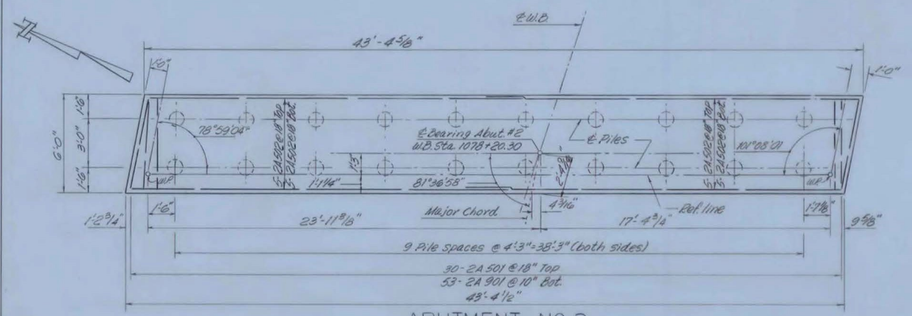


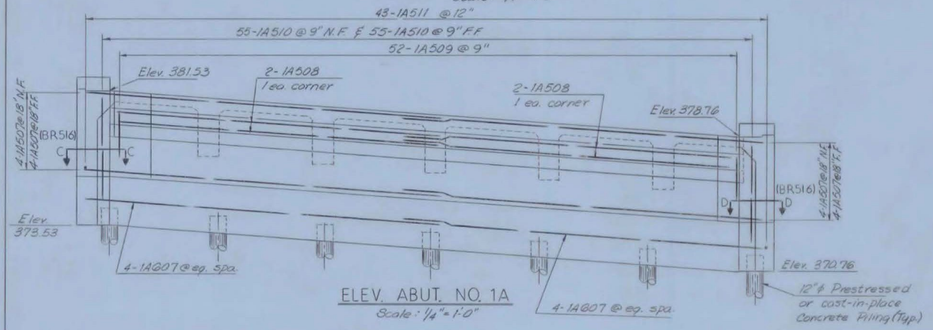
ABUTMENT NO.1

Scale: 1/4" = 1'-0"



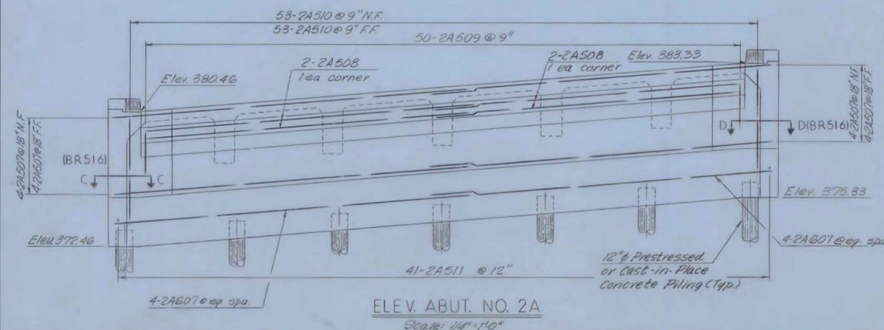
ABUTMENT NO. 2

Scale: 1/4" = 1'-0"



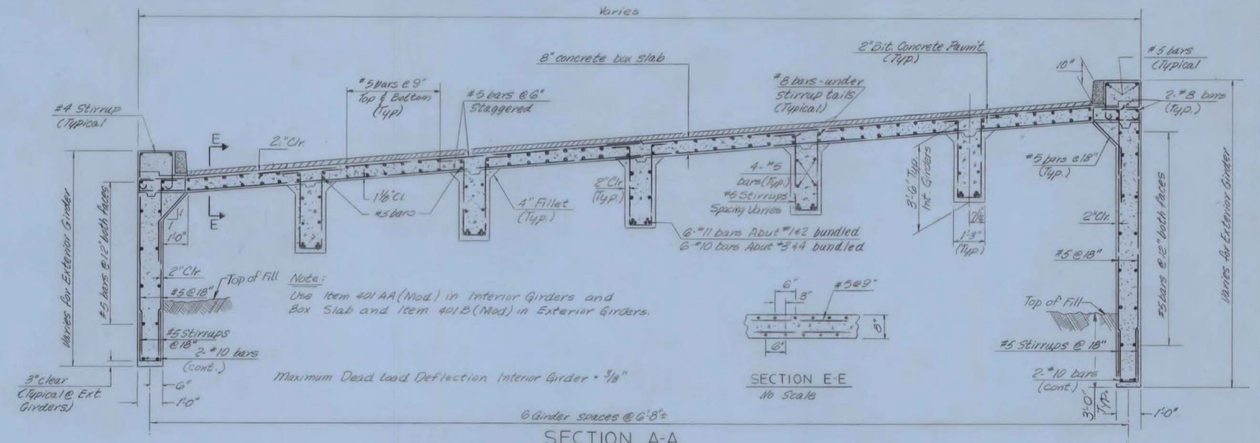
ELEV. ABUT. NO. 1A

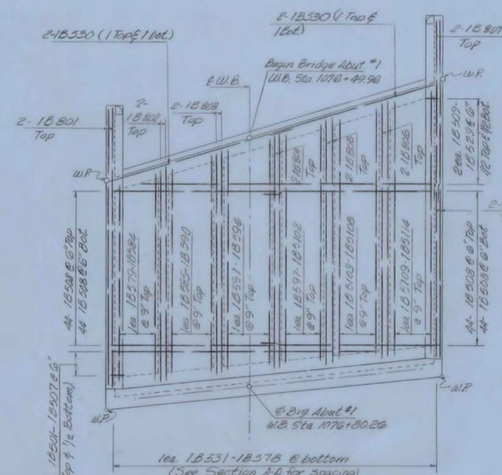
Scale: 1/4" = 1'-0"



ELEV. ABUT. NO. 2A

Scale: 1/4" = 1'-0"

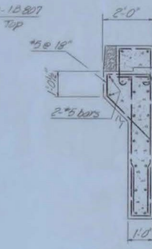




REINFORCEMENT LAYOUT

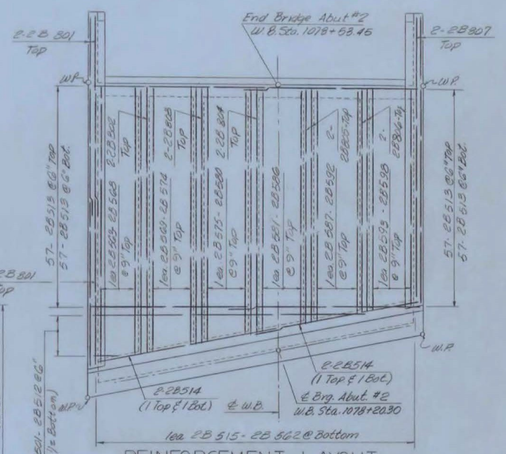
BOX SLAB NO.1 @ ABUTMENT NO.1

Scale: 1/8" = 1'-0"



SECTION F-F

Scale: 3/16" = 1'-0"

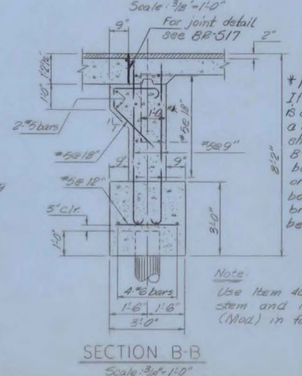


REINFORCEMENT LAYOUT

BOX SLAB NO 2 @ ABUTMENT NO. 2

Scale: 1/8" = 1'-0"

Location	Number of Piles	Size of Pile	Est. length of Piles
Abut #1	20	12" ϕ	165'
Abut #1-A	7	12" ϕ	185'
Abut #2	20	12" ϕ	160'
Abut #3	7	12" ϕ	160'



SECTION B-B

Scale: 3/16" = 1'-0"

Note: Use Item 401 AA (Mod.) in stem and Item 401 B (Mod.) in footings.

* Note
If precast section is chosen provide a 1'-0" seat as shown in section B-B. Precast beams shall rest on neoprene pads bonded to the bridge seat and beam.

NOTES:

1. For General Notes, See BR 501.
2. The welded abutment is detailed for cast-in-place members, however the interior concrete girders as detailed may be furnished as precast sections. If the contractor desires to use either precast sections, or precast pre-stressed sections, he shall be responsible for submitting to the State of Vermont, Department of Highways, for approval, three sets of detailed fabrication drawings and specifications he proposes to use for fabricating and erecting the members and any modifications of the contract plans necessary for incorporating the optional section. Payment for either optional section shall be based on the quantities detailed on the contract plans and no additional compensation shall be allowed for any variation in the materials required for the optional choice.
3. Pile design load = 40 Tons/pile vertical, 1 Ton/pile horizontal.
4. Pile reinforcing and concrete is included in the price bid for piles.
5. Toy limits for structure excavation are 1'-0" outside the neat lines. All structure excavation beyond these lines are at the Contractor's expense.
6. Reinforcing steel to have 3" cover in footings and 2" clear cover elsewhere, (except where otherwise noted)

FAIR HAVEN - WEST RUTLAND
BF MEMB (35)
SHEET 22 OF 44
BRIDGE NOS. 5E AND 5W
FOR REFERENCE ONLY

FOOTING DETAILS ABUTS. 1 & 2
DETAILS & TYPICAL SECTIONS

McFARLAND-JOHNSON
CONSULTING ENGINEERS
BINGHAMTON, NEW YORK

DESIGNED B.R.K.	CHECKED B.R.K.	DATE 5-23-68	
DRAWN J.J.R.	IN CHARGE H.G.C.	SCALE AS NOTED	

PROJECT NO F020-1(4) SH 194 OF 582

CONTRACT NO. BR 515