

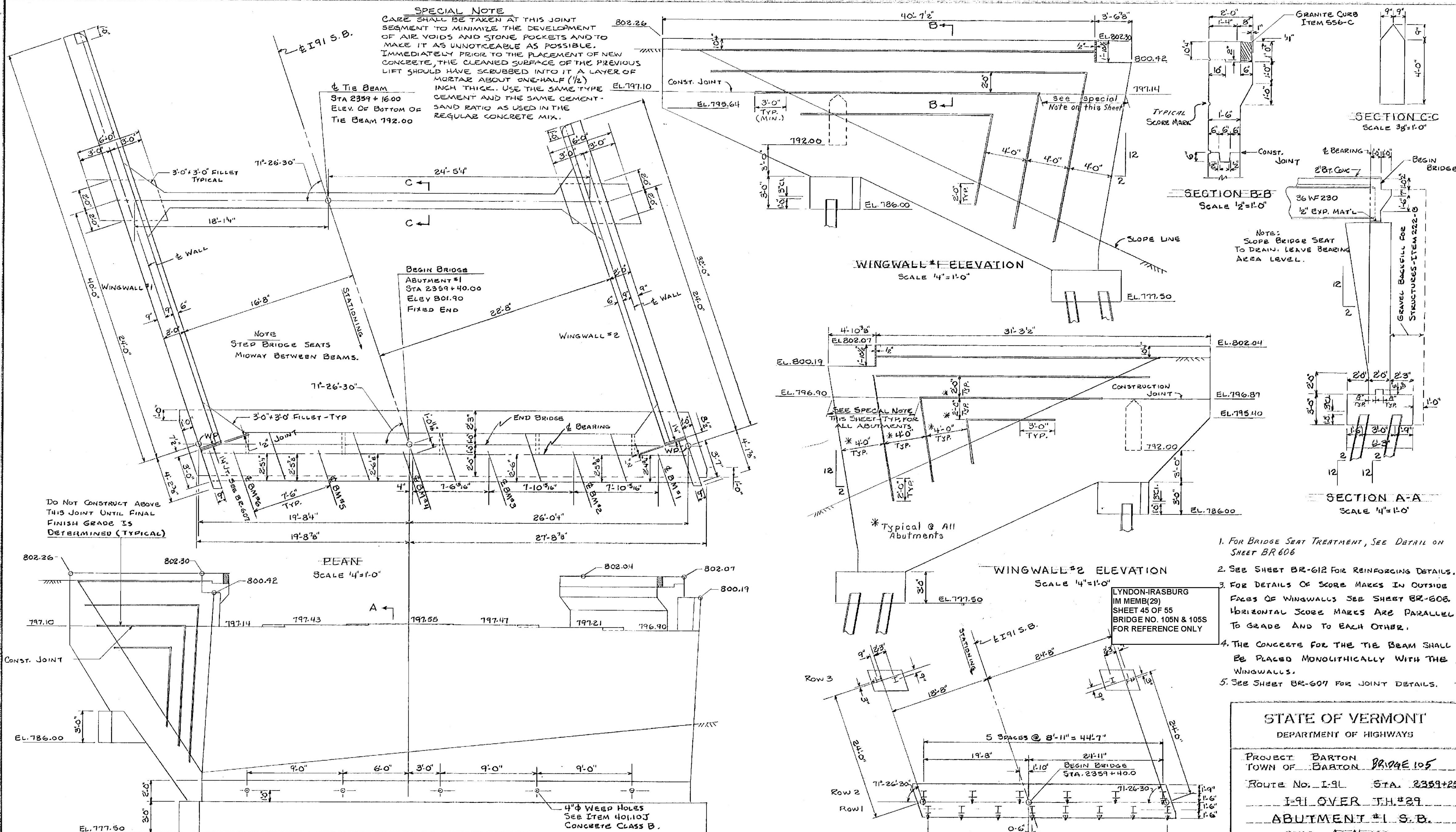
SPECIAL NOTE
 CARE SHALL BE TAKEN AT THIS JOINT SEGMENT TO MINIMIZE THE DEVELOPMENT OF AIR VOIDS AND STONE POCKETS AND TO MAKE IT AS UNNOTICEABLE AS POSSIBLE. IMMEDIATELY PRIOR TO THE PLACEMENT OF NEW CONCRETE, THE CLEANED SURFACE OF THE PREVIOUS LIFT SHOULD HAVE SCRUBBED INTO IT A LAYER OF MORTAR ABOUT ONE-HALF (1/2) INCH THICK. USE THE SAME TYPE CEMENT AND THE SAME CEMENT-SAND RATIO AS USED IN THE REGULAR CONCRETE MIX.

TIE BEAM
 STA 2339+16.00
 ELEV. OF BOTTOM OF TIE BEAM 192.00

BEGIN BRIDGE
 ABUTMENT #1
 STA 2359+40.00
 ELEV 801.90
 FIXED END

NOTE
 STEP BRIDGE SEATS
 MIDWAY BETWEEN BEAMS.

DO NOT CONSTRUCT ABOVE THIS JOINT UNTIL FINAL FINISH GRADE IS DETERMINED (TYPICAL)



ELEVATION
 SCALE 1/4" = 1'-0"

ROW	NUMBER OF PILES	SIZE	EST. LENGTH OF PILES	SPLICING ALLOWED FOR PILES NOT EXCEEDING PLAN LENGTH. (TO BE PAID FOR ONLY IF USED)	SPLICING ESTIMATED FOR PILES EXCEEDING PLAN LENGTH. (TO BE PAID FOR ONLY IF USED)
1&2	14	120P53	30'	NONE	3
3	4	120P53	40'	NONE	1

WINGWALL #1 ELEVATION
 SCALE 1/4" = 1'-0"

WINGWALL #2 ELEVATION
 SCALE 1/4" = 1'-0"

PILING LAYOUT
 SCALE 1/8" = 1'-0"

NOTE:
 SLOPE BRIDGE SEAT TO DRAIN. LEAVE BEARING AREA LEVEL.

1. FOR BRIDGE SEAT TREATMENT, SEE DETAIL ON SHEET BR-606
2. SEE SHEET BR-612 FOR REINFORCING DETAILS.
3. FOR DETAILS OF SCORE MARKS IN OUTSIDE FACES OF WINGWALLS SEE SHEET BR-606. HORIZONTAL SCORE MARKS ARE PARALLEL TO GRADE AND TO EACH OTHER.
4. THE CONCRETE FOR THE TIE BEAM SHALL BE PLACED MONOLITHICALLY WITH THE WINGWALLS.
5. SEE SHEET BR-607 FOR JOINT DETAILS.

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS

PROJECT BARTON
 TOWN OF BARTON BRIDGE 105
 ROUTE NO. I-91 STA. 2359+25
 I-91 OVER J.H.#29
 ABUTMENT #1 S.B.
 SCALE AS NOTED
 SECTION SUPERVISOR I.E.W. BOLKUM - 4/70
 DRAWN BY B.E.TE CHECKED BY E.A.S. 4/70
 PROJECT NO. I-91-3011
 SHEET 122 OF 620 BR-608

Stage 1 Construction