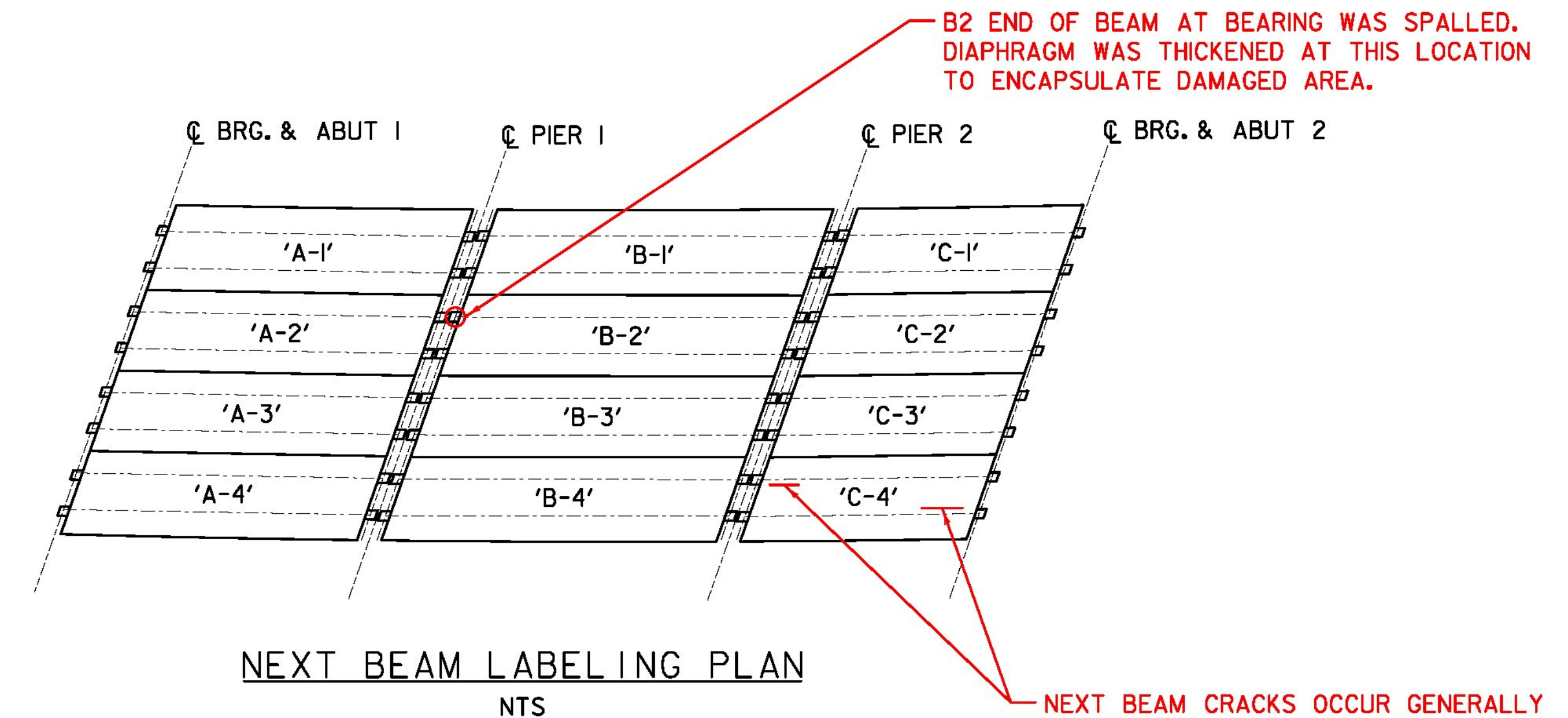


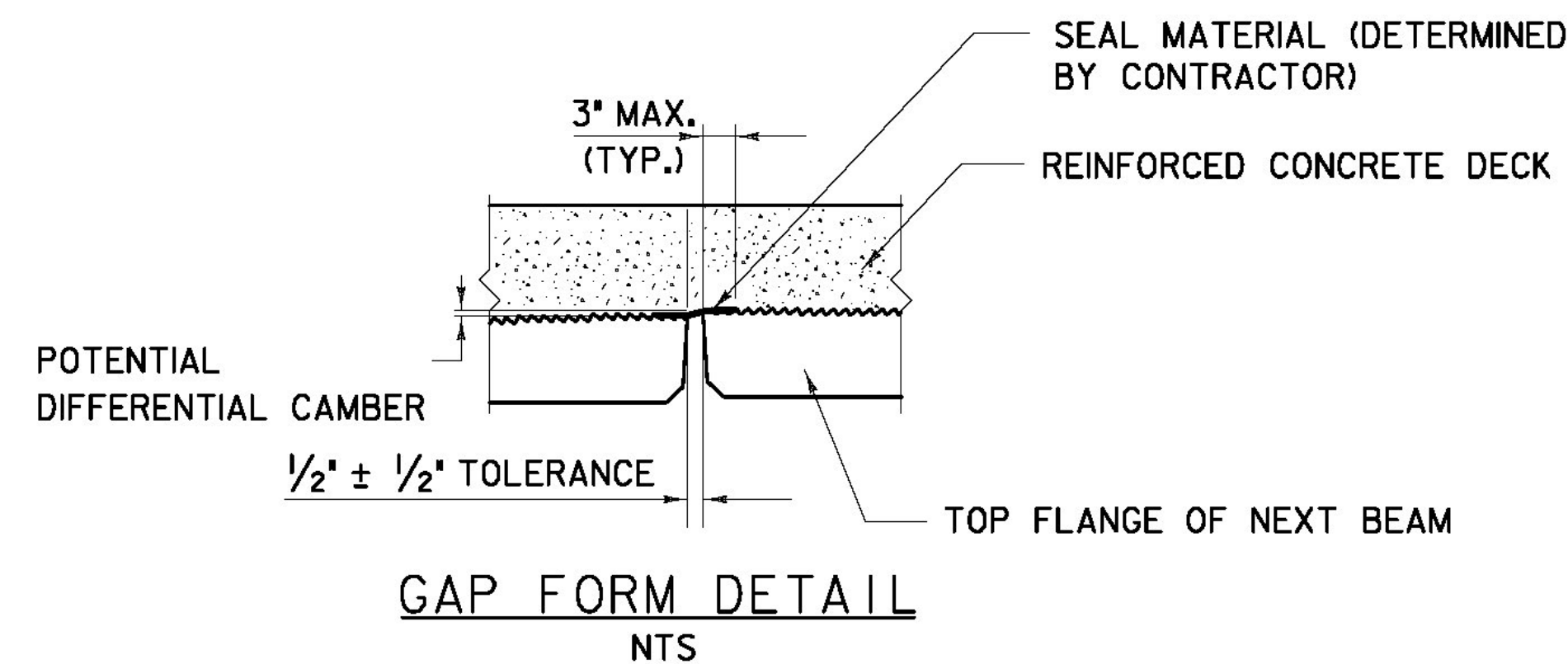
PRECAST CONC. SUPERSTRUCTURE NOTES:

1. PRESTRESSING STRANDS SHALL BE 0.6-IN. DIAMETER.
2. THE TENSIONING FORCE FOR ALL STRANDS IS 43.94 KIPS PER STRAND.
3. THE TOP SURFACE OF THE PRESTRESSED BEAMS SHALL BE RAKED TRANSVERSELY TO A SURFACE ROUGHNESS OF 1/4", EXCEPT AT LOCATIONS CORRESPONDING TO THE BLOCKING POINTS. AT THESE LOCATIONS, A 6"x6" (APROX.) FLATTENED AREA SHALL BE FLOAT FINISHED TO FACILITATE TAKING ELEVATIONS FOR SETTING BOTTOM OF SLAB ELEVATIONS.
4. THE DRILLING OF HOLES IN THE PRESTRESSED BEAMS AND THE USE OF POWER ACTUATED TOOLS ON THE BEAMS WILL NOT BE PERMITTED.
5. ALL REINFORCING STEEL EXTENDING INTO THE DECK SHALL BE EPOXY COATED.
6. THE ACUTE CORNERS OF THE FLANGE OVERHANGS SHOULD BE CHAMFERED 6" X 6" IN ORDER TO MINIMIZE CASTING AND HANDLING DAMAGE.
7. SEE GENERAL NOTES SHEET 'ZB-100-BR5-102' FOR ADDITIONAL PRESTRESSED CONCRETE NOTES.



24F NEXT BEAM SCHEDULE									
BEAM NO.	DIMENSION 'A' (FLANGE LEFT EDGE LENGTH)	DIMENSION 'B' (FLANGE RIGHT EDGE LENGTH)	DIMENSION 'C' (CL GIRDER LENGTH, BTWN BRGS.)	ESTIMATED MIDSPAN DEFLECTIONS				ESTIMATED SHORTENING 2 WEEKS AFTER RELEASE	
				UPWARD AT RELEASE	UPWARD 3 MOS AFTER RELEASE	INITIAL DOWNWARD DUE TO DECK PLACEMENT	INITIAL DOWNWARD DUE TO SDL*		FINAL UPWARD CAMBER IMMEDIATELY AFTER COMPLETION
A-1	41'-5 5/16"	41'-5 1/16"	41'-8 3/4"	0 13/16"	1 7/16"	0 5/16"	0"	1 1/8"	0 1/8"
A-2	41'-5 1/16"	41'-5 3/4"	41'-8 7/8"	0 13/16"	1 7/16"	0 5/16"	0"	1 1/8"	0 1/8"
A-3	41'-5 3/4"	41'-5 7/8"	41'-9"	0 13/16"	1 7/16"	0 5/16"	0"	1 1/8"	0 1/8"
A-4	41'-5 7/8"	41'-6"	41'-9 1/16"	0 13/16"	1 7/16"	0 5/16"	0"	1 1/8"	0 1/8"
B-1	46'-7 1/8"	46'-6 15/16"	46'-10 1/4"	1 1/4"	2 3/16"	0 7/16"	0 1/16"	1 1/16"	0 1/8"
B-2	46'-6 15/16"	46'-6 3/4"	46'-10 1/16"	1 1/4"	2 3/16"	0 7/16"	0 1/16"	1 1/16"	0 1/8"
B-3	46'-6 3/4"	46'-6 5/8"	46'-9 7/8"	1 1/4"	2 3/16"	0 7/16"	0 1/16"	1 1/16"	0 1/8"
B-4	46'-6 5/8"	46'-6 7/16"	46'-9 1/16"	1 1/4"	2 3/16"	0 7/16"	0 1/16"	1 1/16"	0 1/8"
C-1	31'-6 9/16"	31'-6 15/16"	31'-9 5/8"	0 1/2"	0 7/8"	0 1/8"	0"	0 3/4"	0 1/16"
C-2	31'-6 15/16"	31'-7 1/4"	31'-10 1/4"	0 1/2"	0 7/8"	0 1/8"	0"	0 3/4"	0 1/16"
C-3	31'-7 1/4"	31'-7 5/8"	31'-10 5/8"	0 1/2"	0 7/8"	0 1/8"	0"	0 3/4"	0 1/16"
C-4	31'-7 5/8"	31'-7 15/16"	31'-11"	0 1/2"	0 7/8"	0 1/8"	0"	0 3/4"	0 1/16"

* SDL (SUPERIMPOSED DEAD LOAD) DOES NOT INCLUDE FWS (FUTURE WEARING SURFACE)



AS BUILT RECORD PLANS

BECK & BELLUCCI, INC.

TYLIN INTERNATIONAL

PROJECT NAME: BRATTLEBORO

PROJECT NUMBER: IM 091-(K50)

FILE NAME: ZB-100-BR5-456.dgn

PROJECT LEADER: Phillip E. Kendall P.E.

DESIGNED BY: Josh Olund P.E.

BRSS NEXT BEAM PLAN AND ELEVATION

PLOT DATE: 5/15/2013

DRAWN BY: S. Morgan

CHECKED BY: D. Myers

SHEET ZB-100-BR5-456