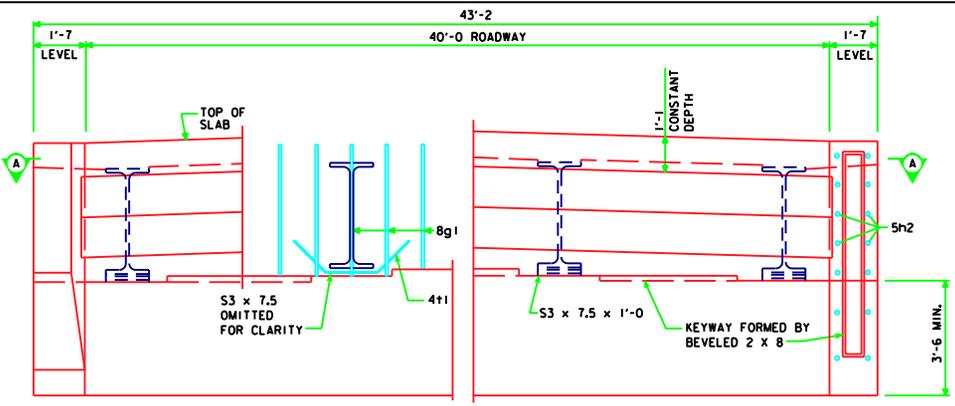


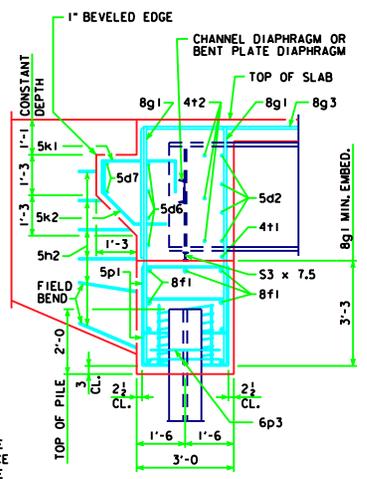
REVISION - 07-06 - CHANGED TO ALL EPOXY, PAVING NOTCH EXTENDED. PILE SIZE NOTE AND BARRIER RAIL NOTE ADDED.



PART REAR ELEVATION AT ABUTMENT

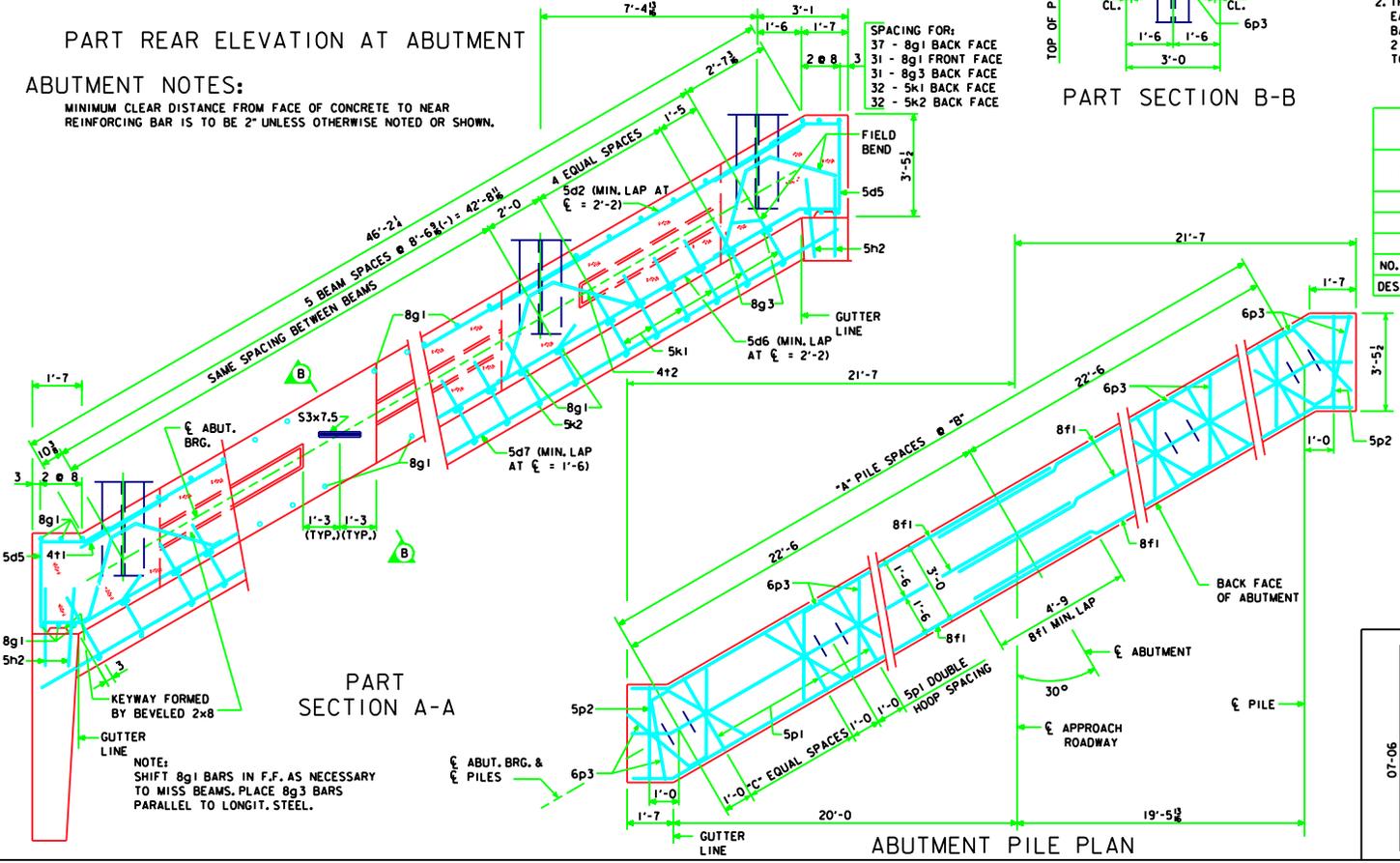
**ABUTMENT NOTES:**

MINIMUM CLEAR DISTANCE FROM FACE OF CONCRETE TO NEAR REINFORCING BAR IS TO BE 2" UNLESS OTHERWISE NOTED OR SHOWN.



PART SECTION B-B

- NOTES:**
- HOLES DRILLED THROUGH BEAM WEB FOR 5d2 AND 4t2 BARS.
  - THE SPIRAL AT THE TOP OF EACH PILE TO BE 7 TURNS OF No. 2 BAR, 2 1/2" DIAMETER, 3" PITCH WITH 2 - L 1/2" x 7/8" x 1/8" SPACERS PUNCHED TO HOLD SPIRAL.



ABUTMENT PILE PLAN

ABUTMENT PILE SPACING

DIMENSION OR NO.	℄ TO ℄ ABUTMENT BEARING							
	160'-0"	180'-0"	200'-0"	220'-0"	240'-0"	260'-0"	280'-0"	300'-0"
"A" (IN)	6	7	7	7	7	8	8	8
"B" (FT-IN)	7'-6"	6'-5 1/2"	6'-5 1/4"	6'-5 1/8"	6'-5 1/4"	5'-7 1/2"	5'-7 1/2"	5'-7 1/2"
"C" EQUAL SPACES	5	4	4	4	4	3	3	3
NO. OF PILES PER ABUT.	7	8	8	8	8	9	9	9
DESIGN PILE LOAD (TONS)	36	33	34	36	38	35	36	37

NOTE: HP 10 x 42 STEEL BEARING PILING REQUIRED.

NOTE: ABUTMENT STEP DIAGRAM PROVIDED BY DESIGNER, SEE "ESTIMATED BRIDGE QUANTITIES" SHEET.

NOTE: BARRIER RAIL NOT SHOWN IN DETAILS.



STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES  
ROLLED STEEL BEAM BRIDGES

FEBRUARY, 2004

ABUTMENT DETAILS  
30° SKEW

RS40-24-04

07-06  
 LATEST REVISION DATE  
 Approved by Bridge Engineer  
 [Signature]