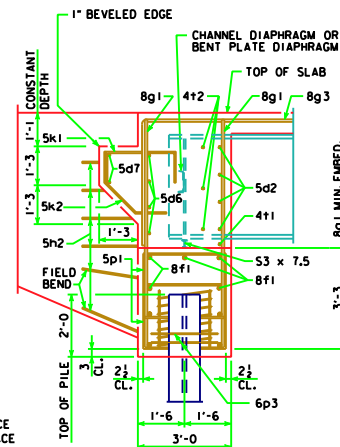
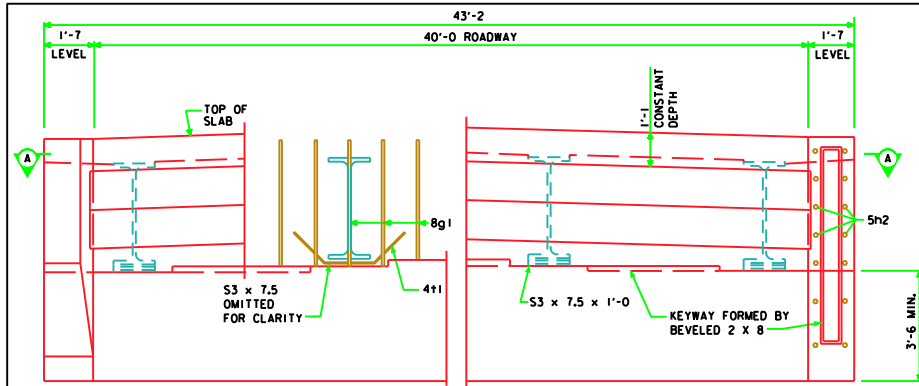


REVISION - 03-07 - CHANGED TO ALL EPOXY, PAVING NOTCH EXTENDED. PILE SIZE NOTE AND BARRIER RAIL NOTE ADDED.



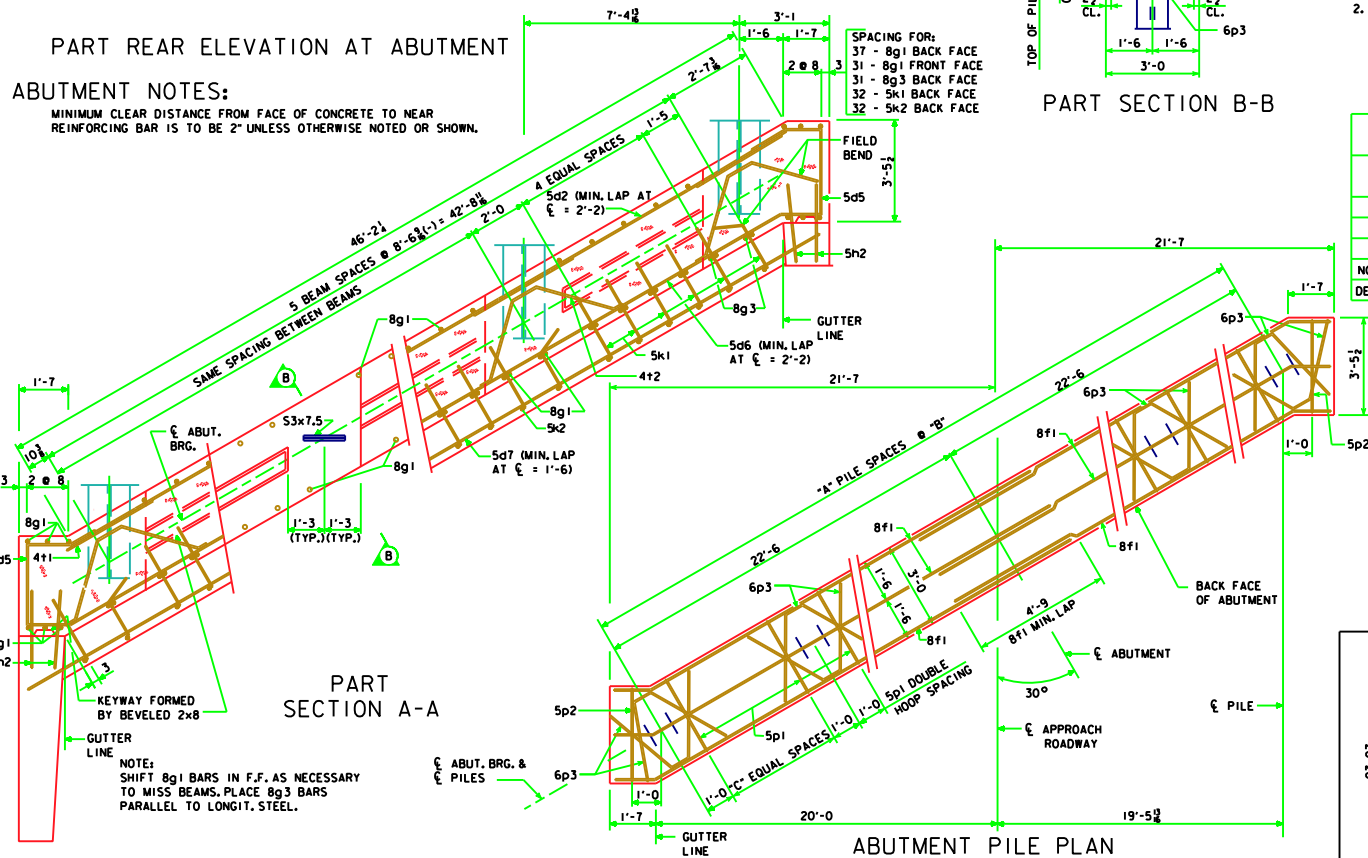
- NOTES:
1. HOLES DRILLED THROUGH BEAM WEB FOR 5d2 AND 4t2 BARS.
 2. THE SPIRAL AT THE TOP OF EACH PILE TO BE 7 TURNS OF NO. 2 BAR, 21" DIAMETER, 3" PITCH WITH 2 - 1/4" x 1/4" x 1/4" SPACERS PUNCHED TO HOLD SPIRAL.

PART SECTION B-B

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 A-A

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 1/2	6'-5 1/2	6'-5 1/2	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.

03-07 LATEST REVISION DATE APPROVED BY BRIDGE ENGINEER <i>Thomas L. M. Smith</i>		
	STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES ROLLED STEEL BEAM BRIDGES FEBRUARY, 2004	
	ABUTMENT DETAILS 30° SKEW	RS40-24-04