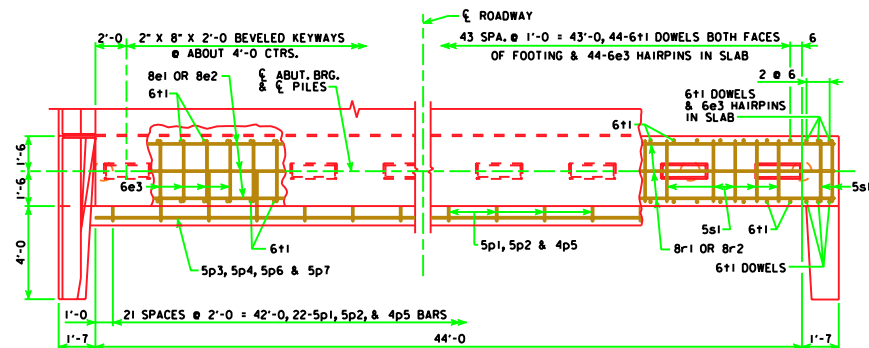


REAR ELEVATION

Diagram showing the rear elevation of a bridge structure with dimensions and reinforcement details:

- Overall width: 44'-0" ROADWAY
- Side dimensions: 1'-7" (left and right)
- Span length: 22'-0" (left and right)
- Vertical dimensions: 4'-10" (total height), 1'-1" (top section), 3'-0" (middle section), 6'-1" (bottom section)
- Labels: BOTTOM OF SLAB, ABUT. BRC., CONSTRUCTION JOINT, ROADWAY
- Reinforcement details:
 - 6+1, 6e3, 6e2 (top reinforcement)
 - 5s1, 5s2 (bottom reinforcement)
 - 8r1 OR 8r2 (bottom reinforcement)
 - SPIRAL AT TOP OF EACH PILE. 7 TURNS OF #2 BAR 2 1/4" DIAMETER, 3" PITCH WITH 2 1/4" x 1 1/4" SPACERS PUNCHED TO HOLD SPIRAL.

REAR ELEVATION



PLAN VIEW

$\frac{1}{8}$ RADIUS

DETAIL "A"

REACTION, PILE NUMBER & BEARING									
BRIDGE LENGTH	70'-0	80'-0	90'-0	100'-0	110'-0	120'-0	130'-0	140'-0	150'-0
REACTION - KIPS	366	397	423	450	477	507	537	Δ 622	Δ 651
BEARING - TONS	19	20	20	19	20	20	20	20	20
PILING - NUMBER	10	10	11	12	12	13	14	16	17

LATEST REVISION DATE <i>November 2, 2006</i> APPROVED BY BRIDGE ENGINEER	 Iowa Department of Transportation Highway Division	
	STANDARD DESIGN - 44' ROADWAY, 3 SPAN BRIDGES CONTINUOUS CONCRETE SLAB BRIDGES NOVEMBER, 2006	
	0° ABUTMENT DETAILS SKEW - TIMBER PILING	J44-30-06