



NOTE: BRIDGE IS SYMMETRICAL ABOUT  $\epsilon$

SEE OPEN BARRIER RAIL DETAILS FOR BARS AND BAR SPACING

PARALLEL TO THE THEORETICAL  $\epsilon$  GRADE

PART SECTION C-C

SECTION A-A

PART END VIEW AT ABUTMENT  
PROVIDE ELEVATIONS A AND B IN THE BRIDGE PLAN SHEETS.

LOCATION OF BEAM COIL TIES AND STEEL DIAPHRAGM BOLT HOLES

PART PLAN  
TOP OF FIXED PIER DETAILS  
(SEE SHEET H24-41-06 FOR EXPANSION PIER BEARING DETAILS)

ABUTMENT  
PART LONGITUDINAL SECTION NEAR GUTTER  
(FOR DETAILS OF INTERMEDIATE DIAPHRAGM SEE SHEET H24-38-06)

PART SECTION AT PIER

PART SECTION D-D

SECTION B-B

DETAIL "A"

PART PLAN

DETAIL "C"

$\Delta$  NOTE:  
SEE END SECTION DETAILS IN THESE PLANS FOR DETAILS OF BARRIER RAIL END SECTION AND SPACING FOR 5c BARRIER RAIL BARS. REINFORCING BARS "5c", "5d" AND "4t1" ARE INCLUDED IN THE SUPERSTRUCTURE QUANTITIES.

NOTE:  
3"  $\phi$  PVC PIPE WITH EXPANDING FOAM PRIOR TO BACKFILLING BEHIND ABUTMENTS.

EXPANSION PIER  
(REQUIRED AT ONE PIER, ONLY IF TEE PIERS ARE USED)

NEOPRENE BEARING PAD (9 x 1 x 1-3/4)  
KEYWAY FORMED BY BEVELED 2 x 8.  
1" THICK STRIPS OF PREFORMED EXPANSION JOINT FILLER AROUND BEARINGS, FACE OF STEPS, SIDES AND ENDS OF KEYS.

LATEST REVISION DATE 01-10 APPROVED BY BRIDGE ENGINEER <i>Norman C. McQuinn</i>		
	STANDARD DESIGN - 24' ROADWAY, THREE SPAN BRIDGE <b>PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES</b> DECEMBER, 2006	
	LONGITUDINAL SECTION 45° SKEW A & B BEAMS	H24-27-06

REVISED 01-10 - ABUT. WINGS SHAPE CHANGED.