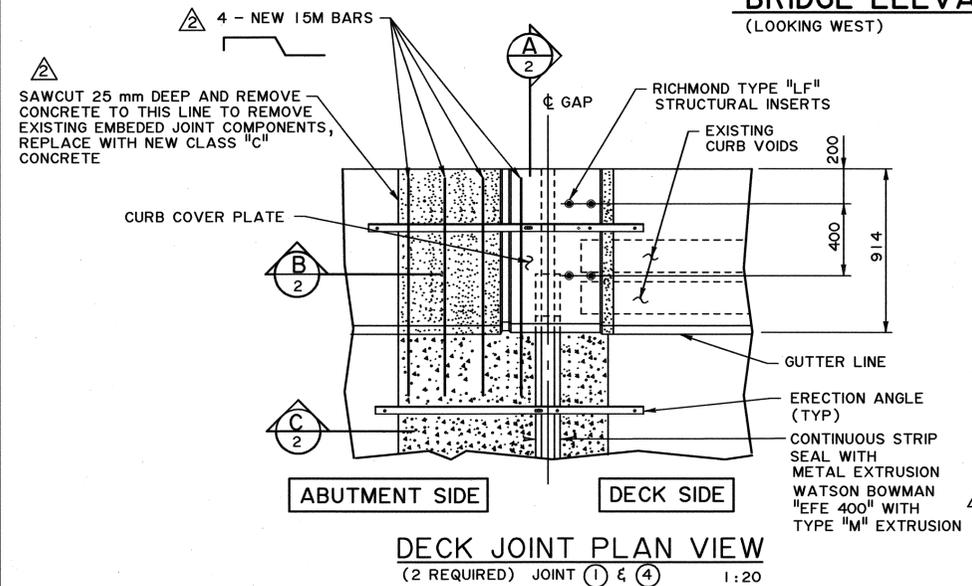
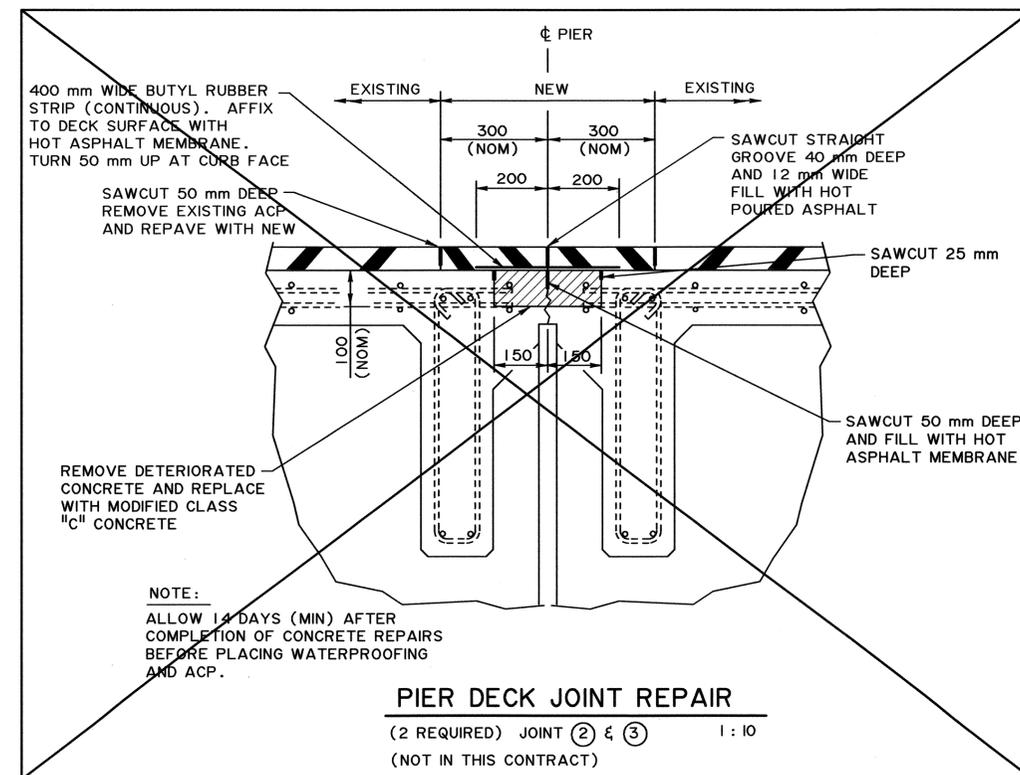


DECK JOINT ELEVATION  
NTS

BRIDGE ELEVATION  
(LOOKING WEST) NTS



DECK JOINT PLAN VIEW  
(2 REQUIRED) JOINT 1 & 4 1:20



PIER DECK JOINT REPAIR  
(2 REQUIRED) JOINT 2 & 3 1:10  
(NOT IN THIS CONTRACT)

NOT USED

GAP SETTING TABLE DIMENSION "X"

TEMPERATURE (°C)	-40	-30	-20	-10	0	10	20	30	40
"X" JOINT 1 & 4	102	98	93	89	84	80	75	71	66

GENERAL NOTES

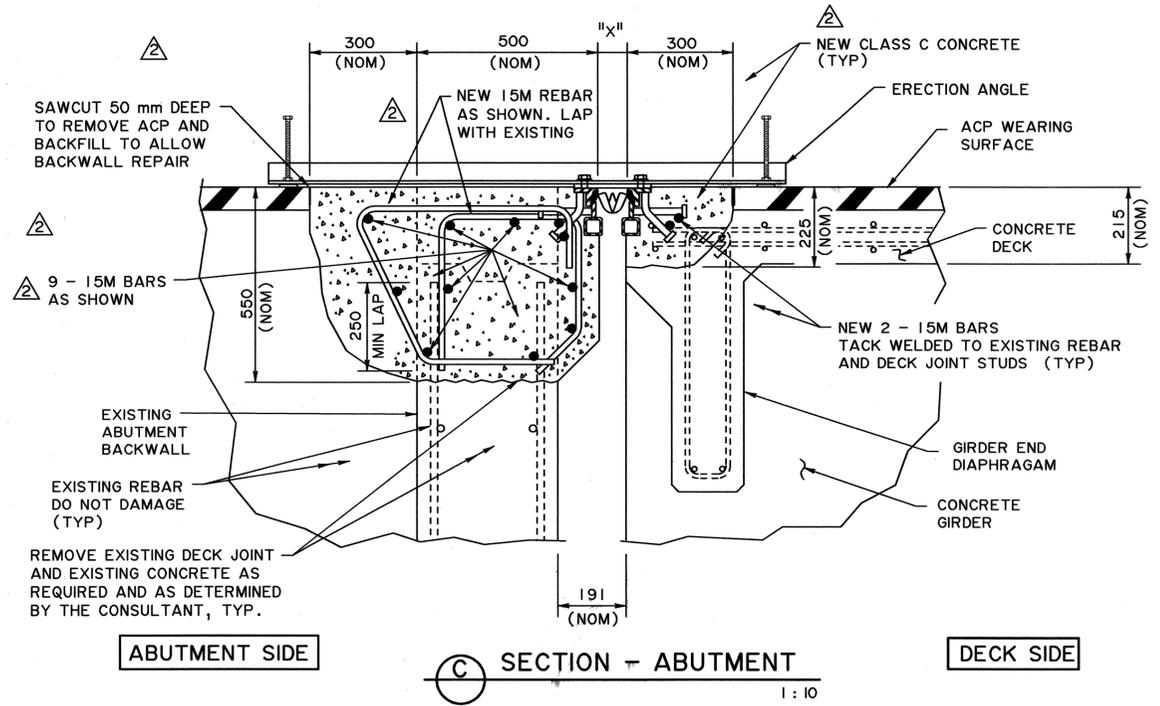
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
  - EXISTING ACP WEARING SURFACE THICKNESS VARIES. THICKNESS TO BE FIELD DETERMINED PRIOR TO CUTTING.
  - ALL REINFORCING STEEL SHALL HAVE A MINIMUM 50 mm CLEAR COVER UNLESS NOTED OTHERWISE.
  - SANDBLAST BLOCKOUT AND EXPOSED REINFORCING STEEL PRIOR TO PLACING NEW DECK JOINTS.
  - INSTALL DECK JOINTS IN TWO STAGES USING JOINT INSTALLATION PROCEDURES SHOWN ON DRAWING S2. STRIP SEAL SHALL BE INSTALLED IN ONE CONTINUOUS PIECE.
  - ANY GALVANIZING DAMAGED BY FIELD CUTTING OR FIELD WELDING SHALL BE PAINTED WITH TWO COATS ZINC RICH PAINT.
  - CONCRETE CURING TO MEET CURRENT REQUIREMENTS OF SECTION 4 OF THE ALBERTA INFRASTRUCTURE AND TRANSPORTATION BRIDGE CONSTRUCTION SPECIFICATIONS.
  - NEW ACP SHALL BE ALBERTA INFRASTRUCTURE AND TRANSPORTATION TYPE H2 OR APPROVED EQUIVALENT.
- EXISTING JOINT REMOVAL**
- REMOVE ALL DETERIORATED CONCRETE AS SHOWN USING LIGHT CHIPPING HAMMERS (7 kg MAX) OR JACK HAMMERS (14 kg MAX).
  - DO NOT DAMAGE EXISTING REBAR. PARTIALLY EXPOSED REBAR SHALL BE ENTIRELY EXPOSED TO PROVIDE 25 mm SPACE ALL AROUND.
  - CUT DETERIORATED PORTIONS OF EXPOSED ANCHOR RODS AS DETERMINED BY THE CONSULTANT.
  - UPON ACCEPTANCE OF REMOVAL OF EXISTING DECK JOINTS AND CONCRETE, SANDBLAST CLEAN ALL EXPOSED SURFACES.

REFERENCE DRAWINGS

DESCRIPTION	DRAWING
DECK - PRESTRESSED CONCRETE ALTERNATIVE "C"	5C OF 6
ABUTMENTS REINFORCING	3 OF 6
ABUTMENTS	2 OF 6
PLAN AND ELEVATION	1 OF 6

INDEX

SHEET	DESCRIPTION	DRAWING
2	DECK JOINT REPLACEMENT - SHEET 2	S2-704
1	DECK JOINT REPLACEMENT - SHEET 1	S1-704



SECTION - ABUTMENT  
1:10

DESIGNED BY	REVIEWED BY	DRAWN BY	PROJECT NO	SCALE	DATE
WP	AFS	WJW	200715	AS NOTED	2007-07-31
2008-08-20 AS CONSTRUCTED TDM 2007-09-27 ISSUED FOR CONSTRUCTION WP		OTTERTAIL RIVER BRIDGE ON HWY 1 NEAR FIELD DECK JOINT REPLACEMENT - SHEET 1			
LOCATION	SHEET	DRAWING NO			
YHOHO NATIONAL PARK	1 of 2	S1-704			