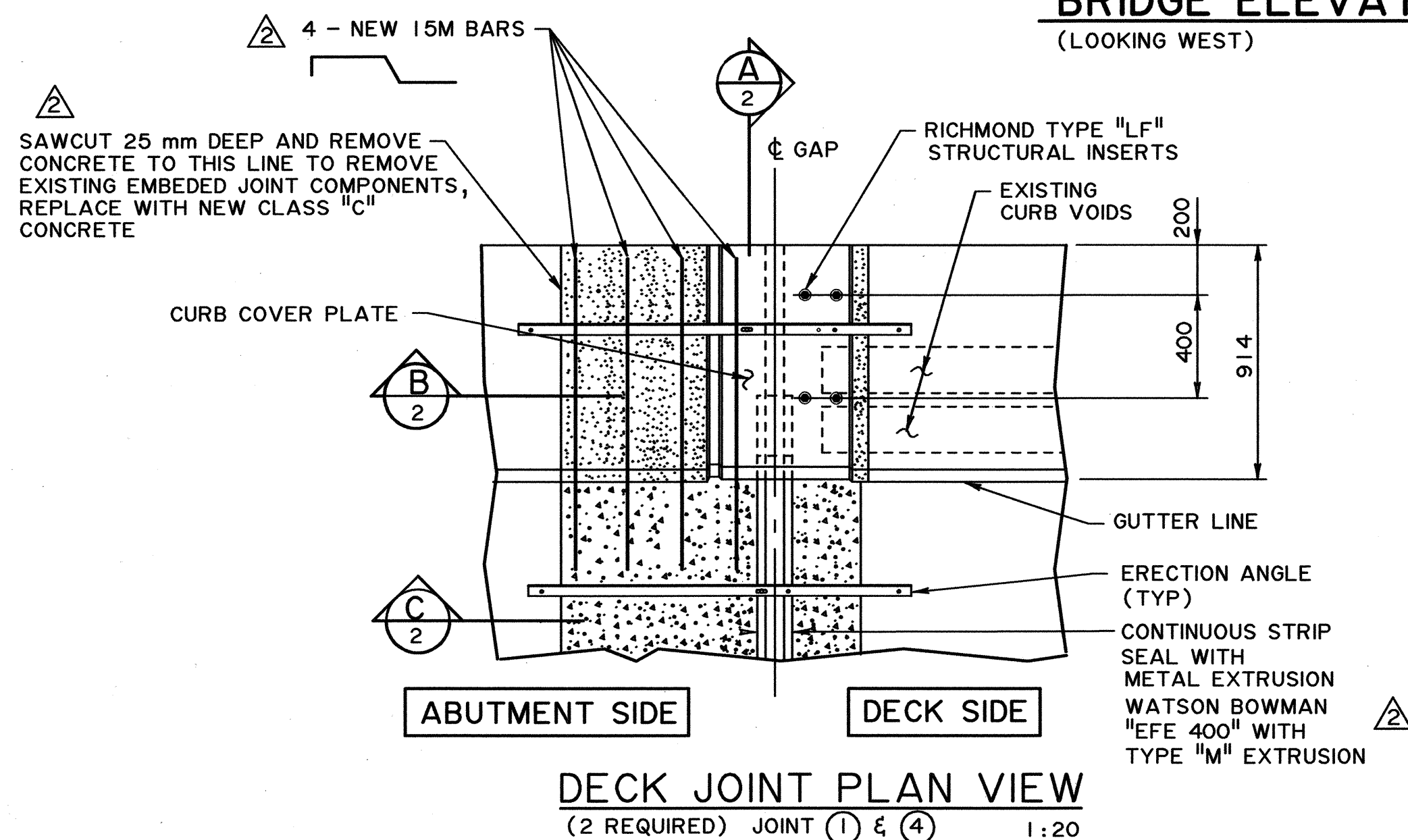
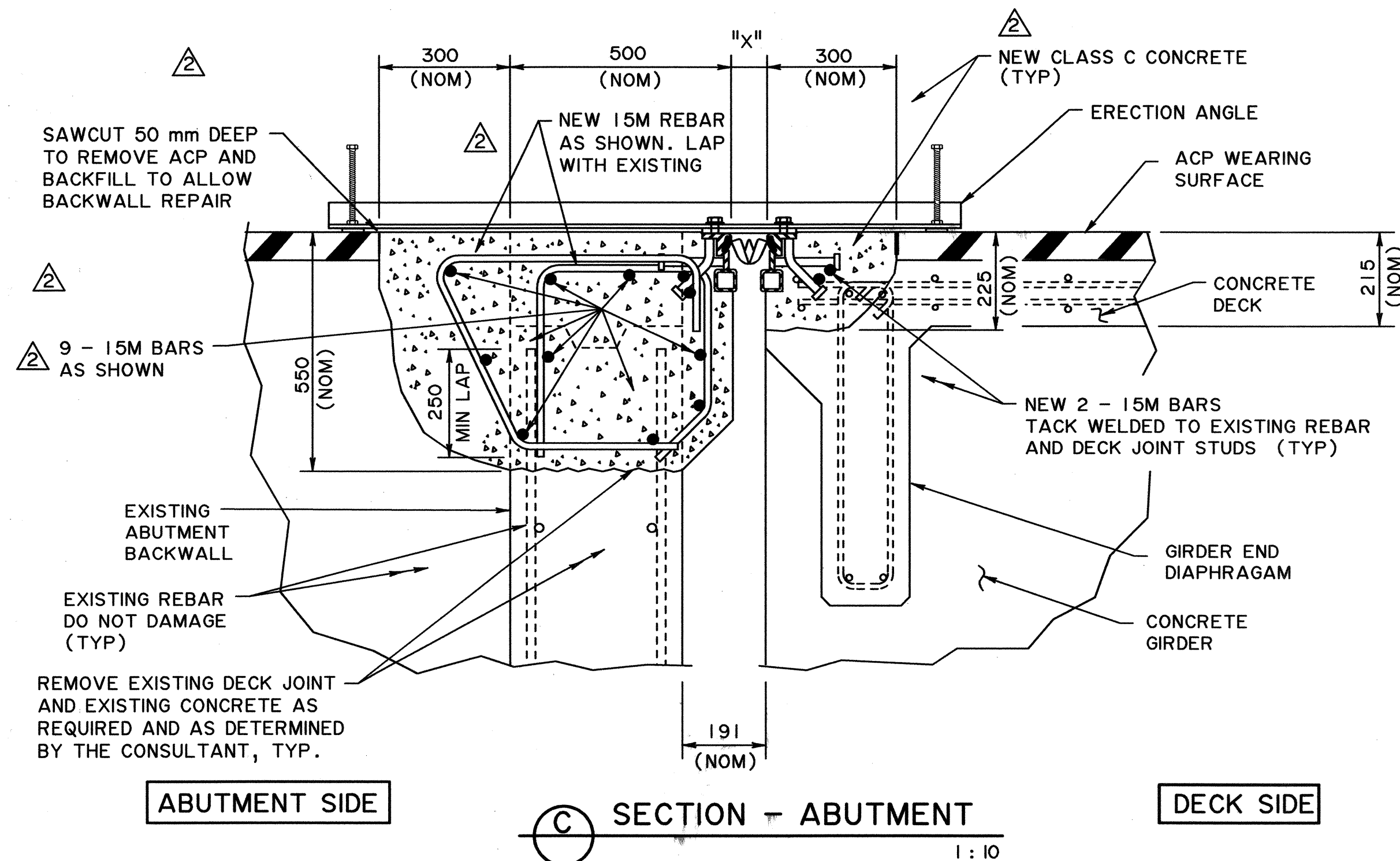


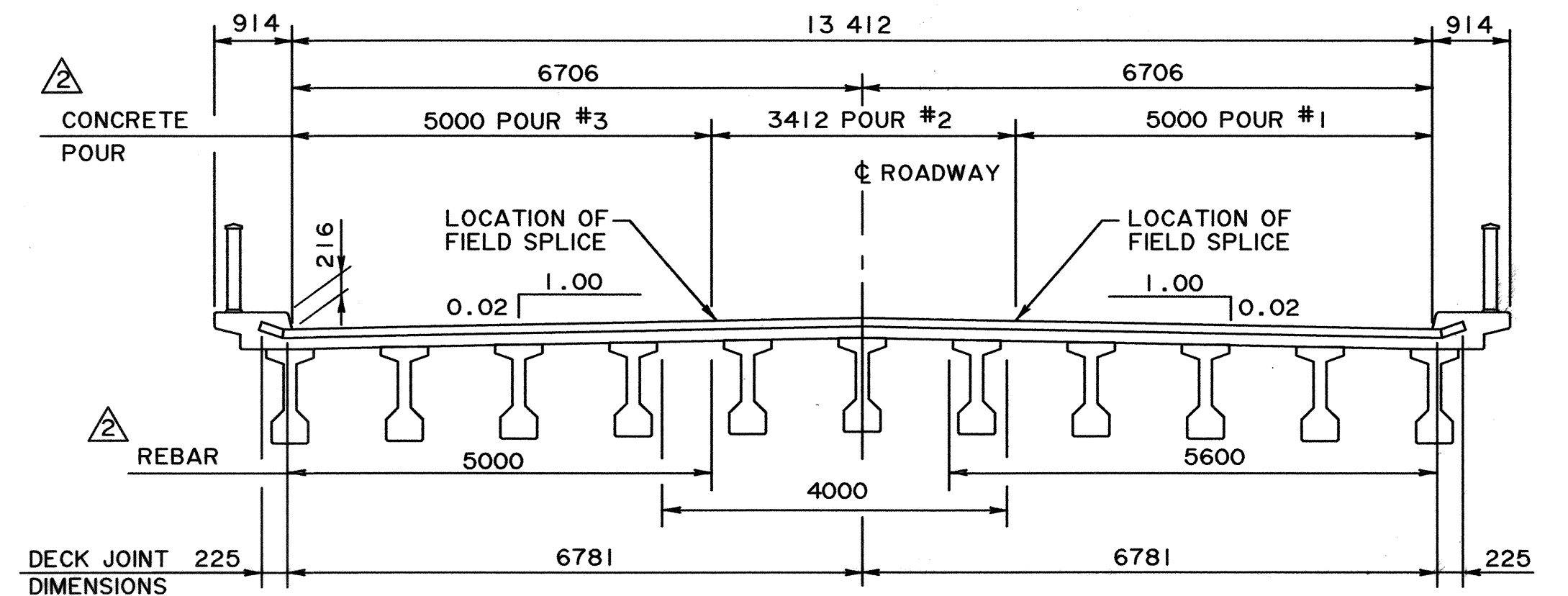
BRIDGE ELEVATION
(LOOKING WEST) NTS



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



SECTION - ABUTMENT
1:10



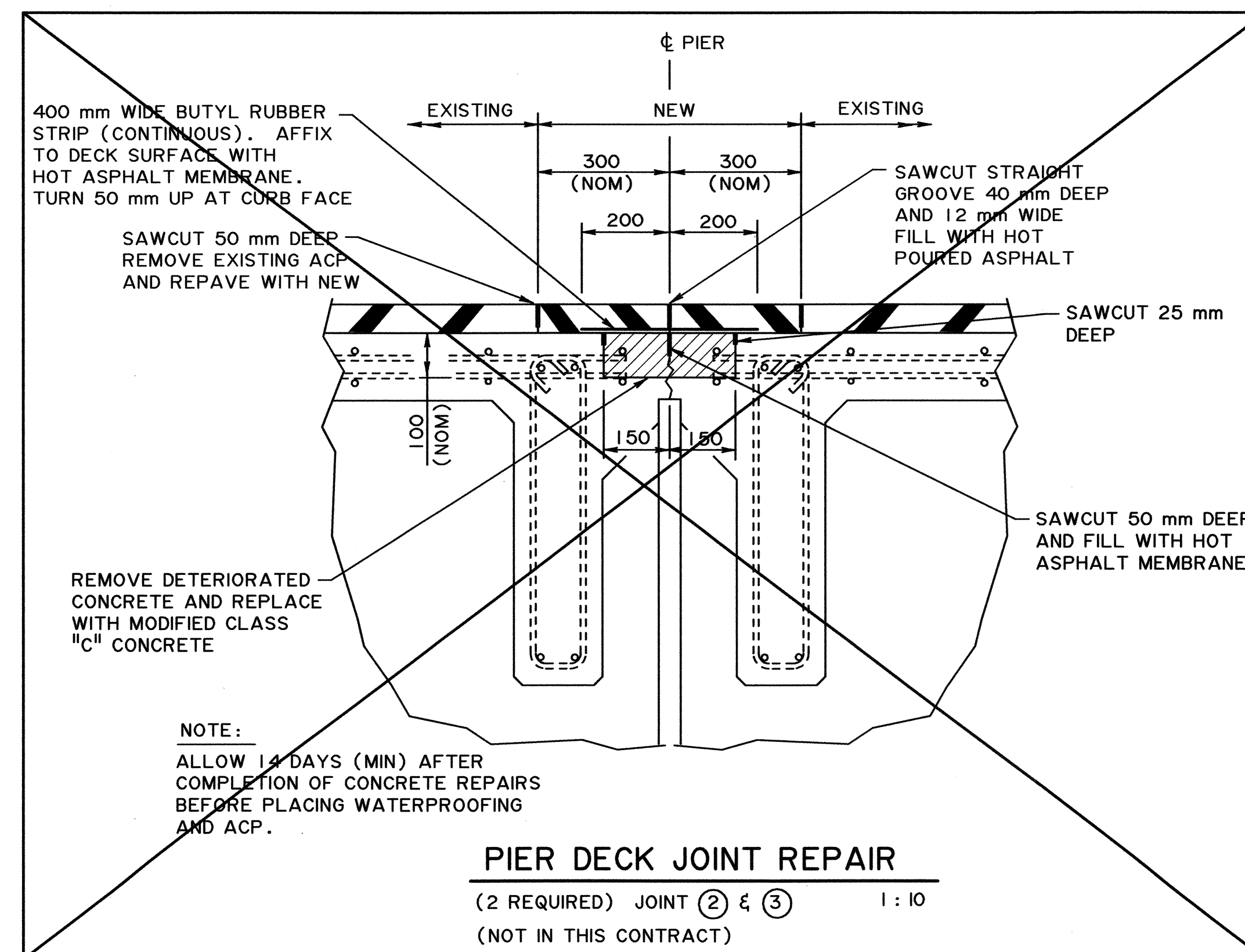
DECK JOINT ELEVATION
NTS

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.



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 | | |

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

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

| | | | | | |
|--------------------------------------------------------------------------------------------|--------------------|-----------------|-------------------------------------|---------------------------------------------|--------------------------------------------------------|
| Most Engineering (2001) Ltd. | | | 2008-08-20 AS CONSTRUCTED TDM | 2007-09-27 ISSUED FOR CONSTRUCTION WP | Canadian Heritage Parks Canada Western Region |
| DESIGNED BY WP | REVIEWED BY AFS | DRAWN BY WJW | PROJECT NO 200715 | SCALE AS NOTED | DATE 2007-07-31 |
| OTTERTAIL RIVER BRIDGE ON HWY 1 NEAR FIELD DECK JOINT REPLACEMENT - SHEET 1 | | | LOCATION YOHO NATIONAL PARK | SHEET 1 of 2 | DRAWING NO S1-704 |