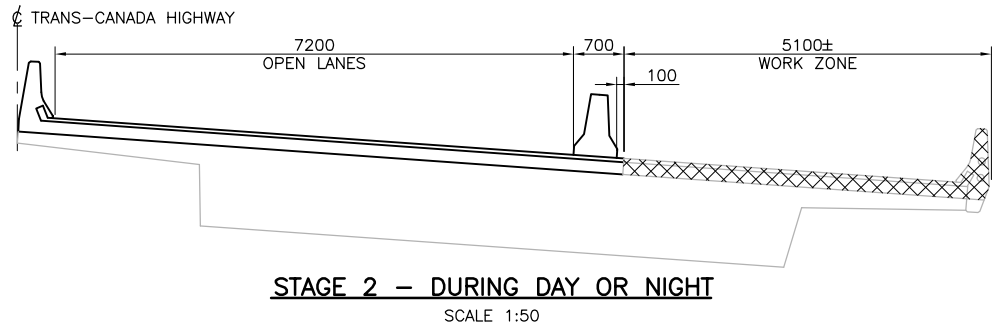
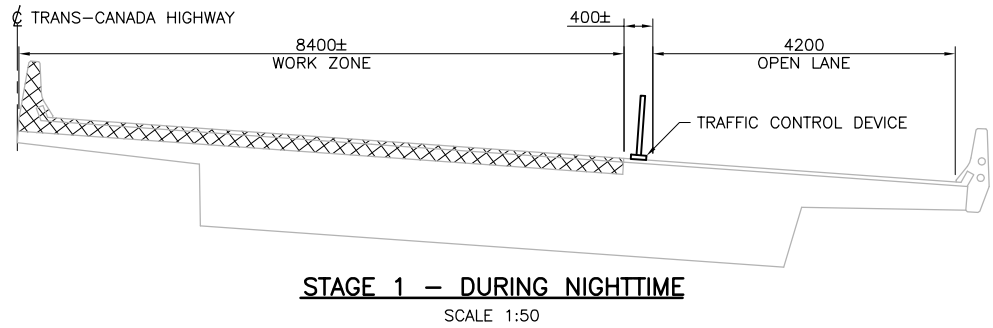
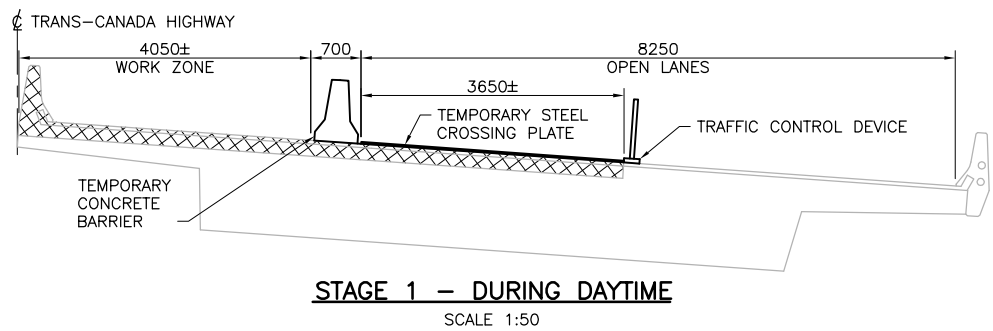
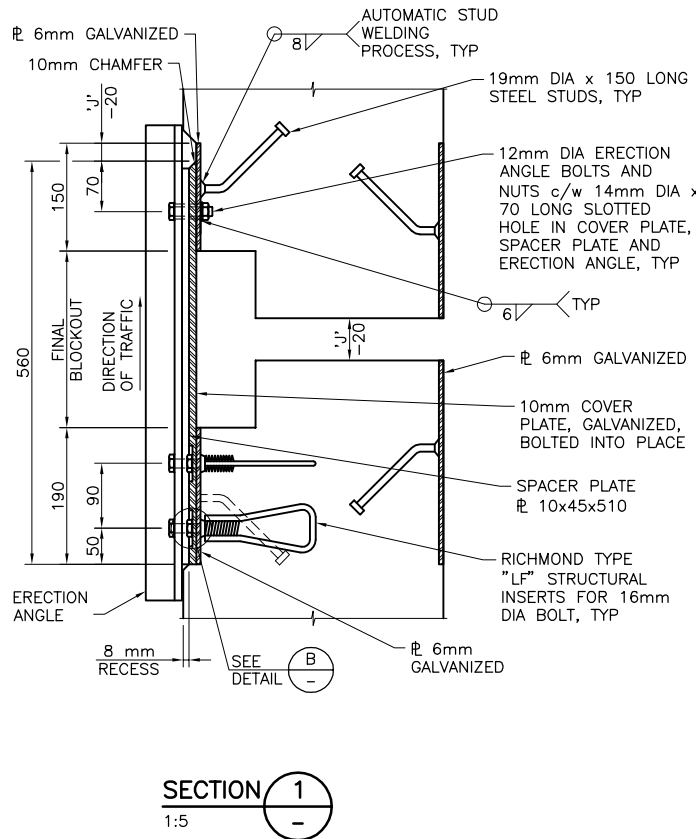


INSTALLATION TEMPERATURE (°C)	GAP 'J' (mm)
-5	65
0	60
5	55
10	50
15	45
20	40



#### SUGGESTED CONSTRUCTION STAGING (PRIOR TO 2013 SEPT 03)

#### NOTES:

- NEW EXPANSION JOINTS SHALL BE "GOODFLEX BOLT-DOWN MODEL 'B' JOINT BY GOODCO Z-TECH" OR APPROVED EQUIVALENT, AND SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS.
- FOR GEOMETRY OF EXISTING EXPANSION JOINTS SEE REFERENCE DRAWINGS. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION OF NEW EXPANSION JOINT ARMORING ANGLES AND SPLICE DETAILS.
- NEW EXPANSION JOINT ARMORING SHALL BE SUPPLIED IN SEGMENTS TO ALLOW FOR STAGED CONSTRUCTION.
- PRIOR TO 2013 SEPT 03 THE EASTBOUND BRIDGE SHALL HAVE TWO ADJACENT LANES OPEN TO TRAFFIC DURING DAYLIGHT HOURS (06:00 AM TO 10:00 PM), WHICH MAY BE REDUCED TO ONE 4.2m WIDE LANE AT NIGHT (10:00 PM TO 06:00 AM). FOLLOWING 2013 SEPT 03, ONE LANE OF 4.3m MINIMUM WIDTH SHALL BE MAINTAINED FOR BOTH DAYTIME AND NIGHT-TIME CONSTRUCTION.
- PERMANENT STRIP SEAL FOR EACH JOINT SHALL BE SUPPLIED IN ONE CONTINUOUS FULL WIDTH PIECE.
- ALL MITERS FOR STRIP SEAL TRANSITIONS MUST BE HOT VULCANIZED IN THE SHOP.
- THE JOINT ARMORING SHALL BE THOROUGHLY CLEANED WITH WIRE BRUSH AND FREE OF MOISTURE BEFORE THE JOINT SEAL IS INSTALLED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, SUPPLY, INSTALLATION AND REMOVAL OF ANY TEMPORARY SUPPORT SYSTEM REQUIRED TO EXECUTE THE WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, SUPPLY, INSTALLATION AND REMOVAL OF THE TEMPORARY STEEL CROSSING PLATE AND ANY OTHER TRAFFIC OR SAFETY DEVICE REQUIRED TO EXECUTE THE WORK.
- NEW CONCRETE SHALL BE CLASS C (35 MPa).
- NEW REINFORCING STEEL SHALL CONFORM TO CAN/CSA G30.18 GRADE 400W.
- CONSTRUCTION OF THE WORK SHALL COMPLY WITH 'ALBERTA TRANSPORTATION SPECIFICATIONS FOR BRIDGE CONSTRUCTION 2010' UNLESS NOTED OTHERWISE.
- PRIOR TO CONCRETE REMOVAL, CONTRACTOR SHALL CONTACT UTILITY COMPANIES TO VERIFY WHETHER EXISTING UTILITY DUCTS CARRY ACTIVE LINES. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING THE DUCTS AND FOR MAKING ARRANGEMENTS TO DE-ENERGIZE AND PROTECT ANY UTILITY LINES INTERFERING WITH THE WORK TO BE PERFORMED.
- IF STEEL CROSSING PLATES ARE USED AFTER POURING CONCRETE INTO THE JOINT BLOCK-OUTS, CURING SHALL BE MAINTAINED BENEATH AND WITHOUT REMOVING THE CROSSING PLATES.

ISSUED FOR TENDER  
NOT FOR CONSTRUCTION

#### DO NOT SCALE DRAWINGS

Revision/	Description/Description	Date/Date
0	ISSUED FOR TENDER	13 MAY 01



Parks Canada  
Agency



L'Agence Parcs  
Canada

**BUCKLAND  
& TAYLOR LTD.**  
Bridge Engineering

Project title/Titre du projet

TRANS-CANADA HIGHWAY  
BRIDGE REHABILITATION

**Km 13.1 DECK JOINT REPLACEMENT  
BANFF NATIONAL PARK, ALBERTA**

Approved by/Approuvé par

DPG

Designed by/Concept par

HCV

Drawn by/Dessiné par

KAM

PWGSC Project Manager/Administrateur de Projets TFS0C

PWGSC, Architectural and Engineering Resources Manager/  
Ressources Architectural et de Directeur d'ingénierie, TFS0C

Client/client

Drawing title/Titre du dessin

**EXPANSION JOINT DETAILS**  
2 OF 2

Project No./No. du  
projet  
201305

Sheet/Feuille  
**104**  
OF 104

Revision no./  
La Révision  
no.  
**0**