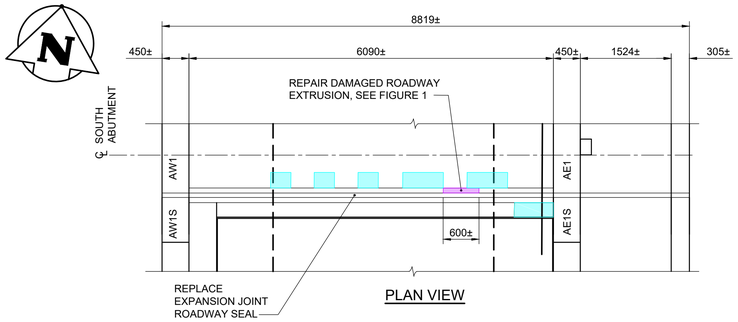
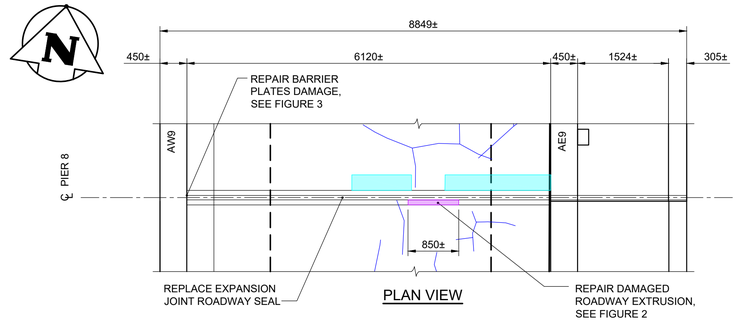




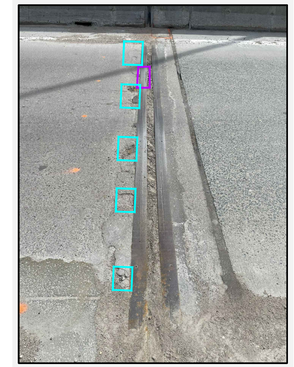


FIGURE 1: NORTHBOUND ACADEMY RAMP SOUTH ABUTMENT EXPANSION JOINT REPAIR AREAS

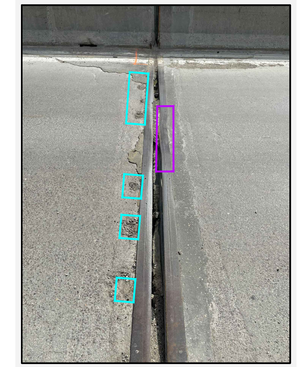
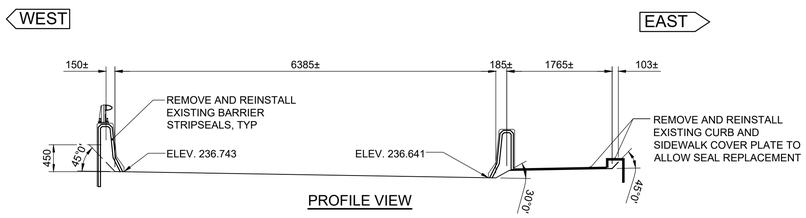


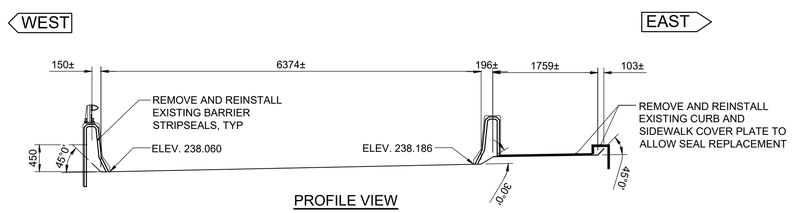
FIGURE 2: NORTHBOUND ACADEMY RAMP PIER 8 EXPANSION JOINT REPAIR AREAS



1 - - ACADEMY RAMP SOUTH ABUTMENT EXP JOINT

1 : 50

NOTE:
EXISTING EXPANSION JOINT BLOCKOUT DIMENSIONS GIVEN BASED ON RECORD DRAWINGS. CONTRACTOR TO FIELD VERIFY APPROXIMATE VALUES.



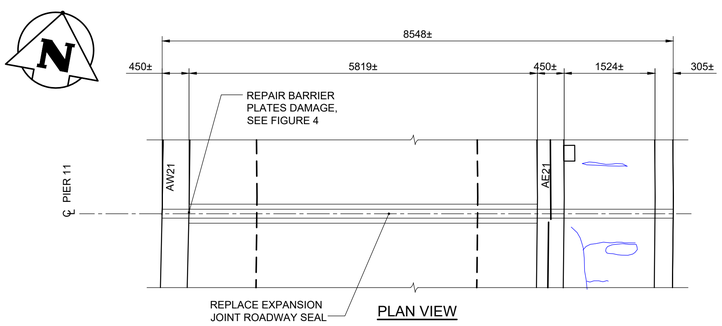
2 - - PIER 8 EXP JOINT PROFILE

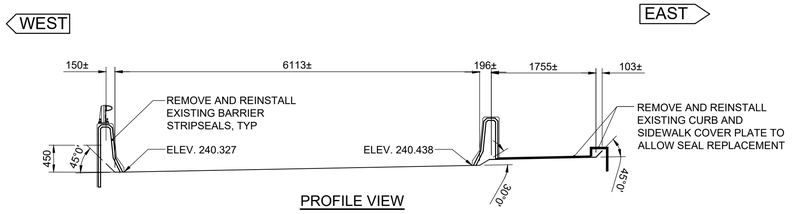
1 : 50

NOTE:
EXISTING EXPANSION JOINT BLOCKOUT DIMENSIONS GIVEN BASED ON RECORD DRAWINGS. CONTRACTOR TO FIELD VERIFY APPROXIMATE VALUES.

FIGURE 3: NORTHBOUND ACADEMY RAMP WEST LANE PIER 8 BARRIER PLATE DAMAGE

FIGURE 4: NORTHBOUND ACADEMY RAMP WEST LANE PIER 11 BARRIER PLATE DAMAGE

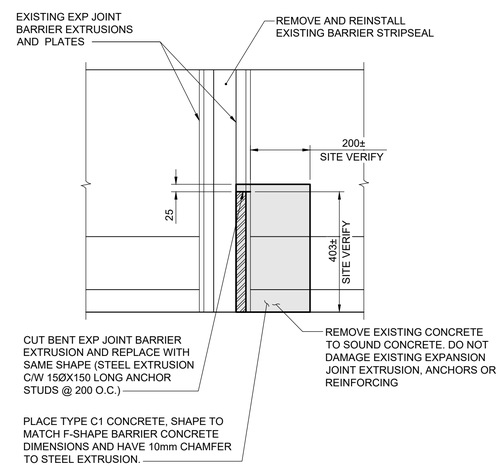




3 - - PIER 11 EXP JOINT PROFILE

1 : 50

NOTE:
EXISTING EXPANSION JOINT BLOCKOUT DIMENSIONS GIVEN BASED ON RECORD DRAWINGS. CONTRACTOR TO FIELD VERIFY APPROXIMATE VALUES.



4 - - BARRIER STEEL EXTRUSION REPAIR AT PIER 8 & 11 EXP JOINT

1 : 10

- CONCRETE BARRIER REPAIR IN ACCORDANCE WITH BARRIER TYPE 1B REPAIRS. REFER TO SHEET 13 FOR DETAILS.

LEGEND

- APPROXIMATE LINE LANE
- CRACK
- EXPANSION BLOCKOUT REPAIR AREAS
- DAMAGED ROADWAY EXTRUSION REPAIR AREAS

NOTES:

1. REFER TO SHEET 17 FOR REPAIR DETAILS, QUANTITIES AND MOVEMENT TABLE.

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Tetra Tech Canada Inc.
No. 6499

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	23.03.07	E.F.S.

TETRA TECH

DESIGNED BY	R.L.	CHECKED BY	E.F.S.
DRAWN BY	E.V.	APPROVED BY	E.F.S
HOR. SCALE: / VERTICAL:	AS NOTED	ACCEPTED BY / DATE	ORIGINAL SIGNED 23.03.07
DATE	22.12.06	V. BANTHIA, M. SC, P.ENG., CIM, PMP BRIDGE PROJECTS ENGINEER	

ORIGINAL DRAWING REVISION "00" SEALED BY E.F.G. SHEHATA 23.03.07

CONSULTANT DRAWING NO.
734-2200070500-DWG-S1117

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

MINOR REHABILITATION OF ST JAMES BRIDGES
NORTHBOUND BRIDGE

CITY DRAWING NUMBER: B102-22-017
SHEET 15 OF 18

ACADEMY RAMP SOUTH ABUTMENT, PIERS 8, 11 EXPANSION JOINT REPAIR DETAILS

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