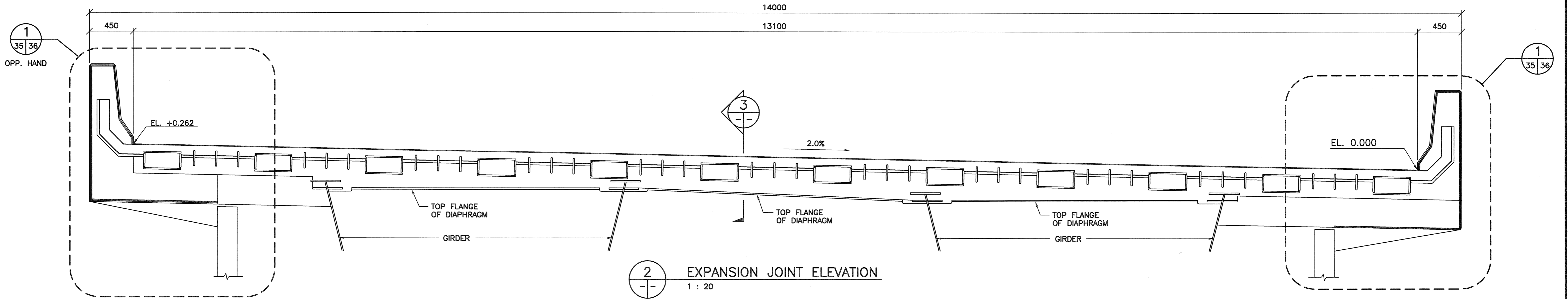
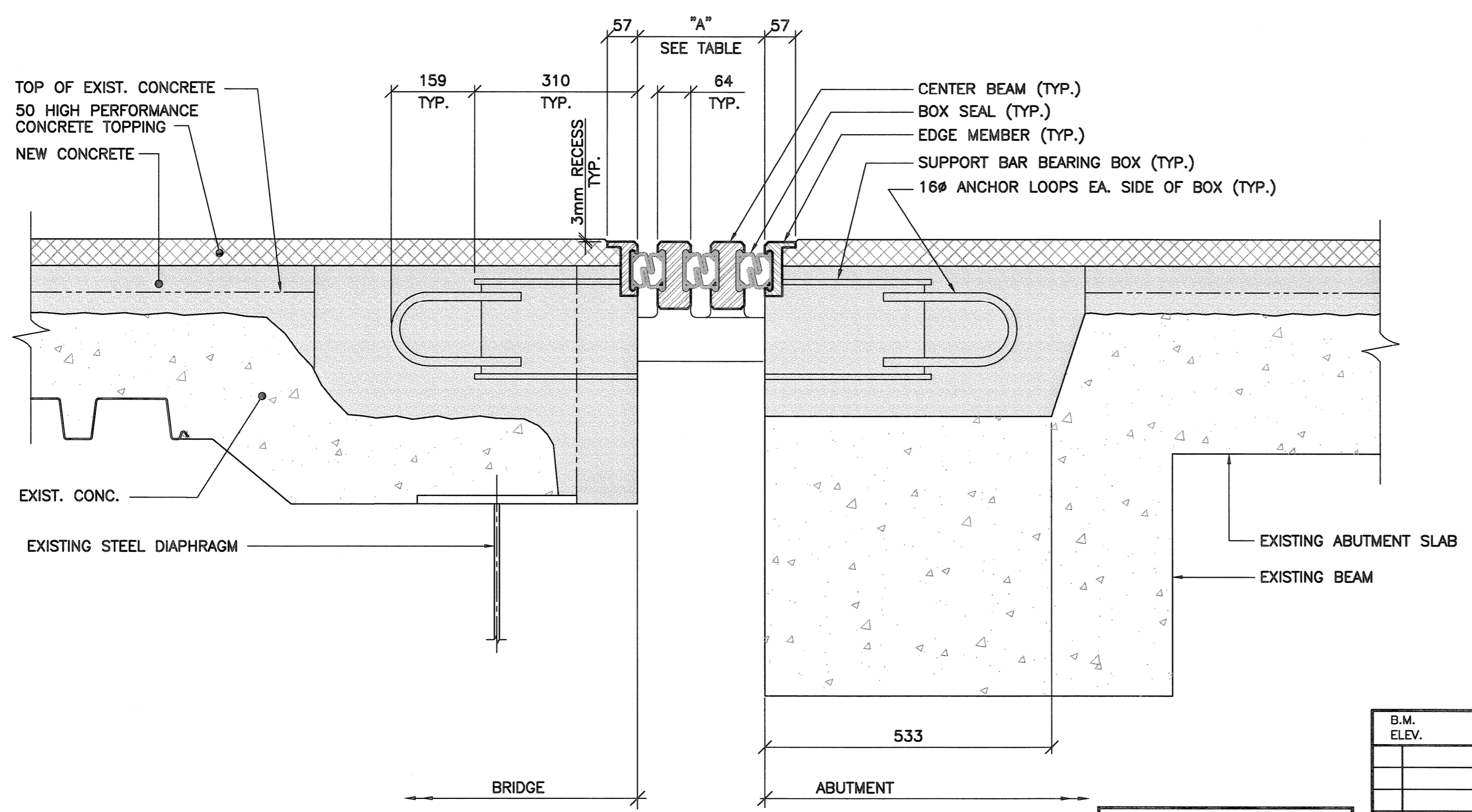


1
EXPANSION JOINT PLAN
1 : 20

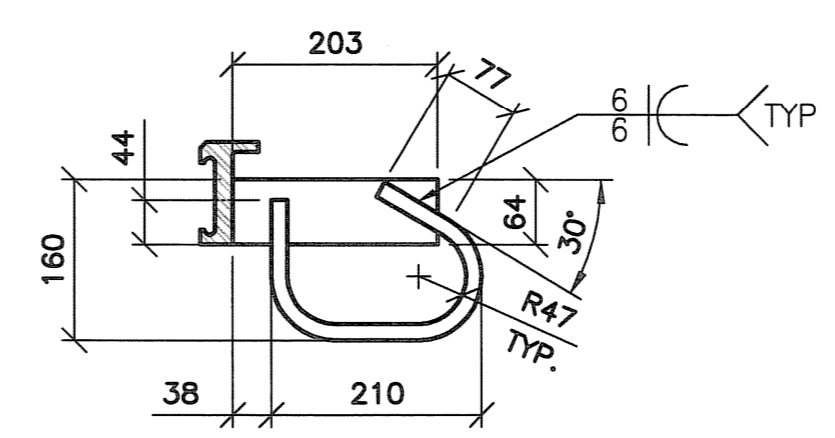
WEST EXPANSION JOINT SHOWN
EAST JOINT SAME EXCEPT BRIDGE
AND ABUTMENT SIDES ARE REVERSED.



2
EXPANSION JOINT ELEVATION
1 : 20



3
SECTION
1 : 7.5



ANCHOR TYPE 'A'
1 : 7.5

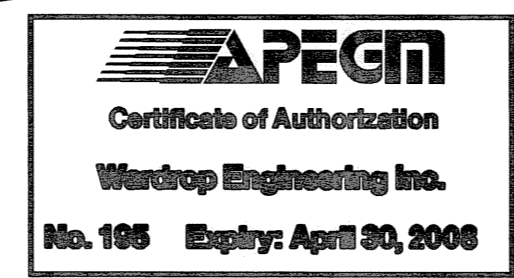
TEMPERATURE WIDTH ADJUSTMENT TABLE

TEMP.	25°C	20°C	15°C	10°C	5°C	0°C	-5°C
"A"	220	230	240	250	260	270	280

EXPANSION JOINT NOTES

- ALL STEEL COMPONENTS SHALL BE HOT-DIP GALVANIZED.
- INSTALLATION TEMPERATURE SHALL BE TAKEN AS THE MEAN SHADE TEMPERATURE UNDER THE BRIDGE FOR THE 48 HOURS PRIOR TO CASTING THE JOINT INTO THE DECK.
- EXPANSION JOINT UNITS AND RELATED MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- APPLY GALVALLOY TO ALL FIELD WELDS AND AREAS WHERE GALVANIZING HAS BEEN DAMAGED.
- PRIOR TO PLACING REINFORCING BARS OR CONCRETE, THE INSTALLATION SHALL BE APPROVED BY THE CONTRACT ADMINISTRATOR.
- IMMEDIATELY PRIOR TO PLACEMENT OF CONCRETE, ALL METAL SURFACES WHICH WILL BE IN CONTACT WITH CONCRETE SHALL BE COATED WITH EPOXY ADHESIVE. RATE OF PLACEMENT OF ADHESIVE SHALL BE SUCH THAT THE ADHESIVE DOES NOT DRY OR SET BEFORE CONCRETE IS PLACED AGAINST IT.
- LOOSEN OFF ERECTION BOLTS WITHIN 24 HOURS OF CONCRETING TO ALLOW JOINT MOVEMENT DUE TO TEMPERATURE CHANGE.
- ALL SURFACES IN CONTACT WITH THE JOINT SEALS SHALL BE CLEANED PRIOR TO INSTALLATION OF THE SEALS. SEALS SHALL BE CONTINUOUS ACROSS THE BRIDGE WITH NO SPLICES.
- ANY ERECTION BOLT AND BLEEDER HOLES SHALL BE FILLED WITH EPOXY GROUT.

01



B.M. ELEV.	F.B.	WARDROP Engineering Inc.		ORIGINAL DRAWING REVISION "00" SEALED BY E.F. SHEHATA 08.02.05
DESIGNED BY E.F.S.	CHECKED BY [Signature]	DRAWN BY P.S.	APPROVED BY [Signature]	CONSULTANT DRAWING NO. 0600070700-DWG-S1135-00
01 ISSUED FOR ADDENDUM #2 08.03.05	00 ISSUED FOR TENDER 08.02.05	HOR. SCALE: AS NOTED	ACCEPTED BY [Signature]	
NO. REVISIONS	DATE	BY	DATE 08.02.05	RANDY FINNIS, P. ENG. BRIDGES PROJECTS ENGINEER

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION ENGINEERING DIVISION

FORT GARRY TWIN BRIDGES
WESTBOUND STRUCTURE REHABILITATION
AND ASSOCIATED ROADWORKS

EXPANSION JOINTS - DETAILS 1

CITY DRAWING NUMBER
B173-08-035W
SHEET 35 OF 54

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