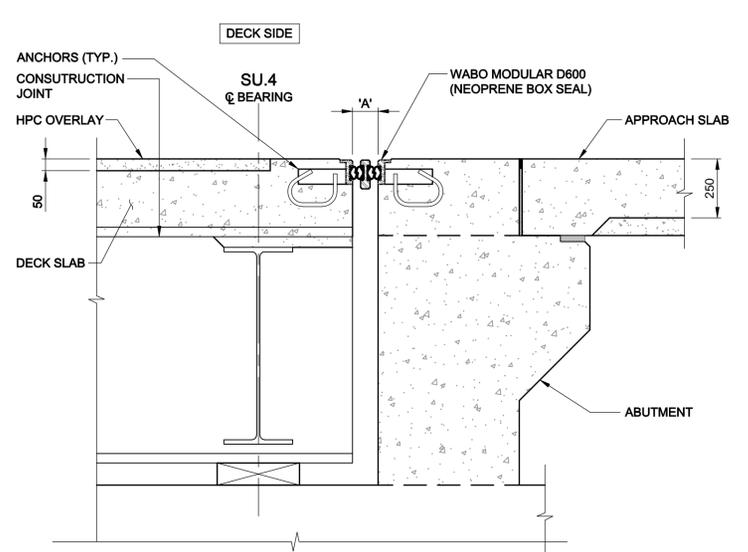
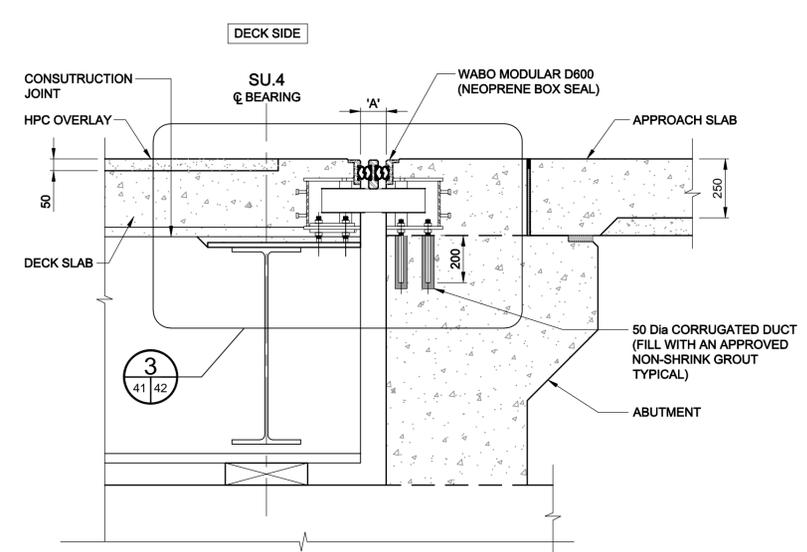


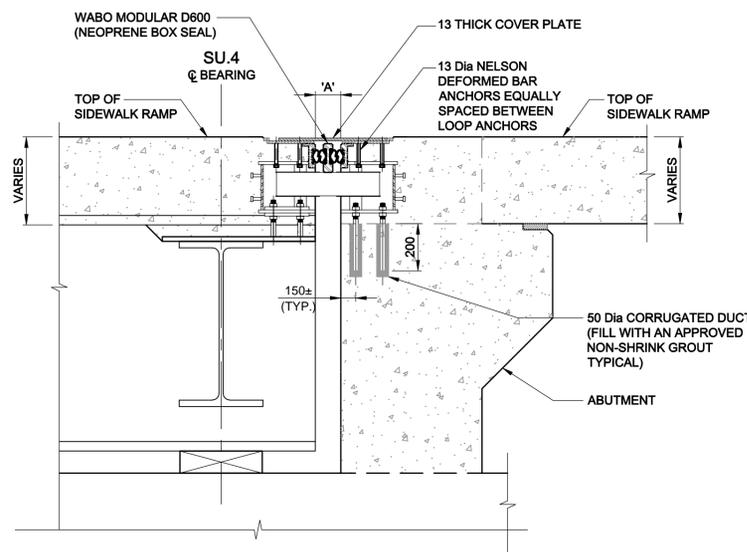
SECTION C SCALE 1:15 (SHOWING EXPANSION UNIT LOOP ANCHORS IN ROADWAY AT SU.1) 40/41



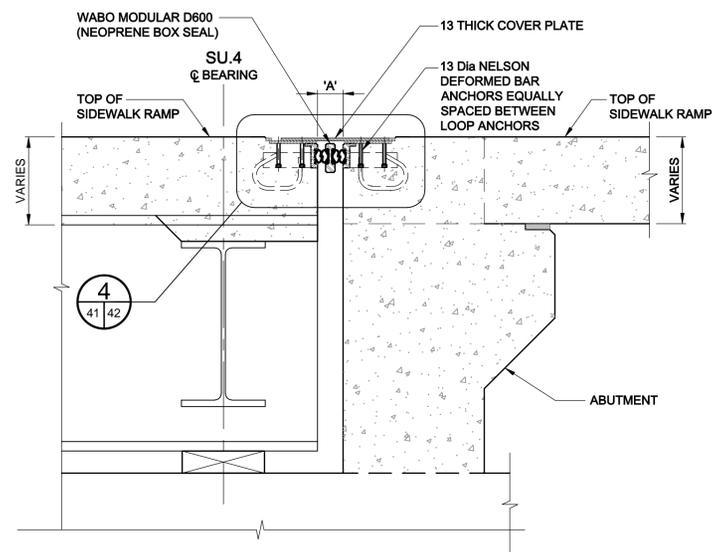
SECTION D SCALE 1:15 (SHOWING EXPANSION UNIT LOOP ANCHORS IN ROADWAY AT SU.4) 40/41



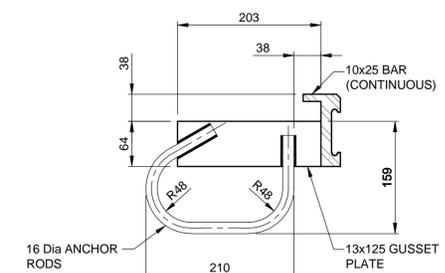
SECTION E SCALE 1:15 (SHOWING EXPANSION UNIT SUPPORT BOXES IN ROADWAY AT SU.4) 40/41



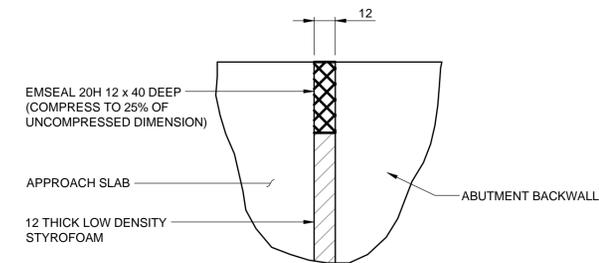
SECTION F SCALE 1:15 (SHOWING EXPANSION UNIT SUPPORT BOXES IN SIDEWALK AT SU.4) 40/41



SECTION G SCALE 1:15 (SHOWING EXPANSION UNIT LOOP ANCHORS IN SIDEWALK AT SU.4) 40/41



TYPICAL ANCHOR DETAIL SCALE 1:5



DETAIL 1 SCALE 1:2

NOTE: STEEL REINFORCING NOT SHOWN FOR CLARITY.

GAP SETTING TABLE

EXP. JOINT LOCATION ***	DESIGN MOVEMENT **	* 'A' AT INSTALLATION TEMPERATURE (C) (mm)							
		-5	0	+5	+10	+15	+20	+25	+30
SU.1	12	37	36	35	35	34	34	33	33
SU.4	37	116	114	113	111	109	108	106	104

- * DIMENSION 'J' MEASURED PERPENDICULAR TO CENTRELINE EXPANSION JOINT. WHERE MIN. AND MAX. FOR JOINT SUPPLIED DIFFER FROM THOSE SHOWN IN TABLE. 'J' DIMENSIONS SHALL BE REVISED BY CONTRACTOR AND SHOWN ON SHOP DRAWINGS.
- ** CALCULATED TOTAL MOVEMENT AT SLS OCCURRING AFTER TIME OF JOINT INSTALLATION. (MEASURED PARALLEL TO CENTRELINE OF STRUCTURE.)
- *** WATSON BOWMAN ACME MODELS D300 AT SU.1 AND D600 AT SU.4



LOCATION UNDERGROUND	APPROVED STRUCTURES	B.M. ELEV.
SUPV. U/G STRUCTURES COMMITTEE	DATE	
NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.		

DESIGNED BY	BJS	HOR. SCALE	AS SHOWN
DRAWN BY	MJB	VERTICAL	AS SHOWN
CHECKED BY	SSR	DATE	2010/05/14
APPROVED BY	DPK	DATE	2010/05/14
1 ISSUED FOR TENDER	10/05/14	DATE	2010/05/14

DILLON CONSULTING

RELEASED FOR CONSTRUCTION
ORIGINAL SIGNED BY RANDY FINGAS
DATE 2010/05/14

ENGINEER'S SEAL
PROVINCE OF MANITOBA
ORIGINAL STAMPED BY
S.S. RIHAL
2010/05/14
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NO.
088813

THE CITY OF WINNIPEG TRANSIT DEPARTMENT

SOUTHWEST RAPID TRANSIT CORRIDOR - STAGE 1
OSBORNE STATION & ASSOCIATED WORKS

EXPANSION JOINT - DETAILS 1 OF 2

CITY DRAWING NUMBER
B237-10-41
SHEET 41 OF 121
CONSULTANT DRAWING NUMBER
C5-S1126-T

NOTES:

- FOR DETAILS OF REINFORCING IN EXPANSION JOINT BLOCKOUT, SEE DECK AND ABUTMENT REINFORCING DRAWINGS.
- PROTECT INJECTION HOSE AND FITTINGS ADJACENT TO THE FIELD SPLICE DURING WELDING AND REMOVE PROTECTION PRIOR TO PLACING OF CONCRETE IN BLOCKOUT.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH SHEET NO. 40 AND SHEET NO. 42