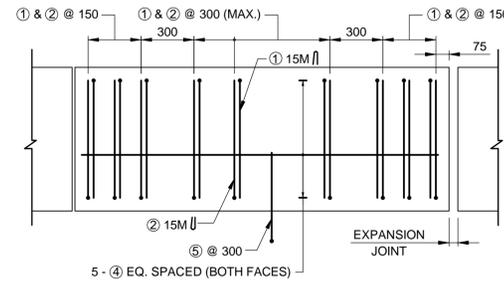
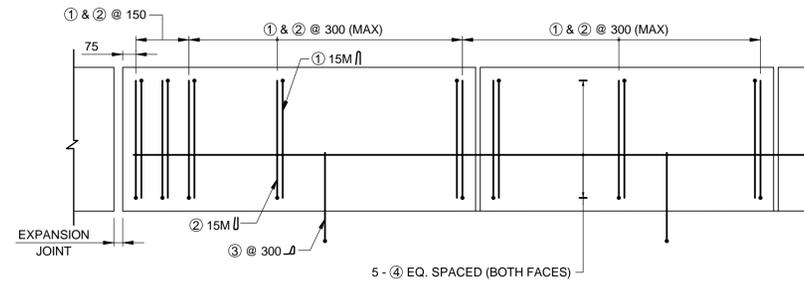


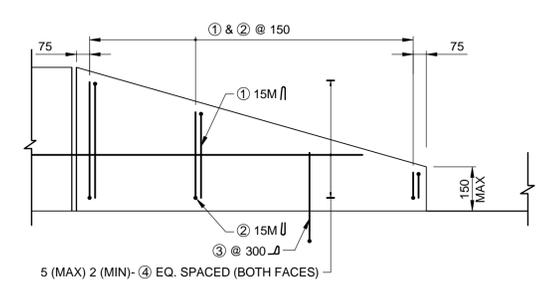
APPROACH SLAB/TRANSITION ELEVATION
SCALE 1:10



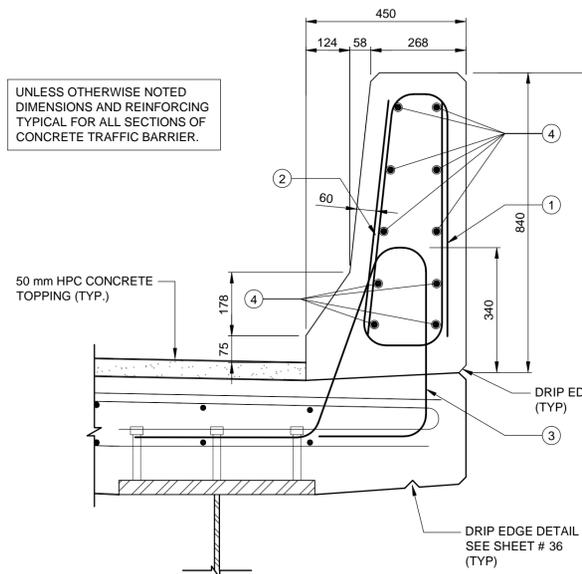
RETAINING WALL ELEVATION
SCALE 1:10 (WEST APPROACH ONLY)



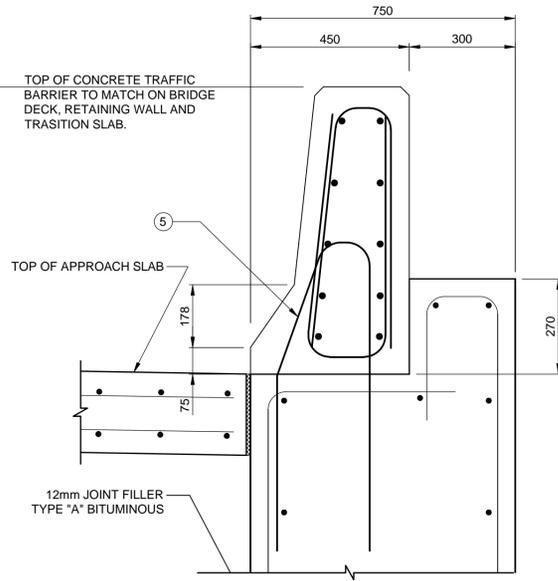
TRAFFIC BARRIER ELEVATION
SCALE 1:10



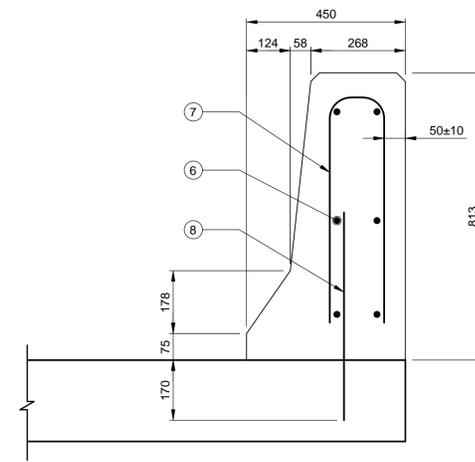
TYPICAL TRANSITION ELEVATION
SCALE N.T.S. (NORTHWEST AND SOUTHWEST LOCATION)



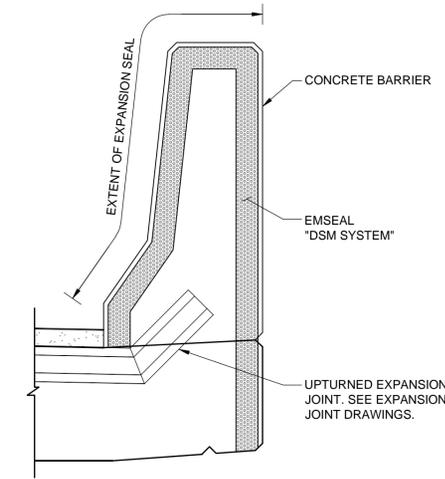
TRAFFIC BARRIER ON DECK
SCALE 1:10



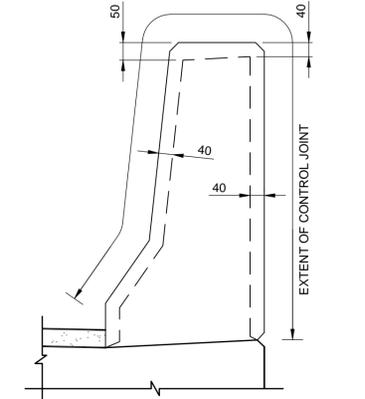
TRAFFIC BARRIER ON RETAINING WALL
SCALE 1:10 (WEST APPROACH ONLY)



APPROACH SLAB/TRANSITION SLAB DETAIL
SCALE 1:10



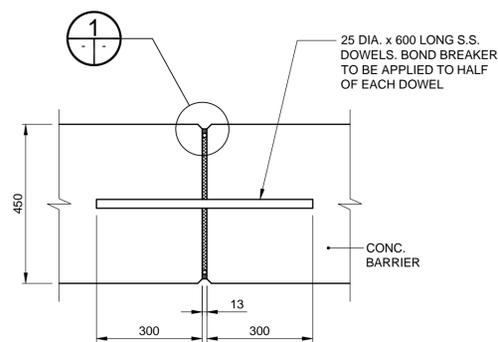
EXTENT OF EXPANSION SEAL
SCALE 1:10



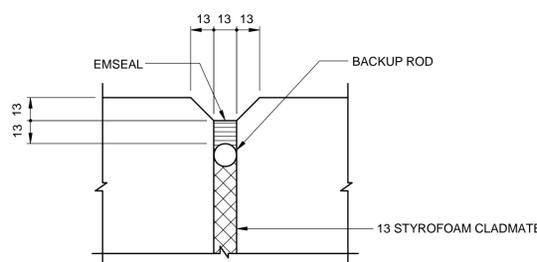
EXTENT OF CONTROL JOINT
SCALE 1:10

BAR MARK	SIZE	SHAPE
①	15M	
②	15M	
③	15M	
④	15M	STRAIGHT
⑤	15M	
⑥	10M	STRAIGHT
⑦	10M	
⑧	20M	STRAIGHT - 800 LG
⑨	25M	SMOOTH BAR

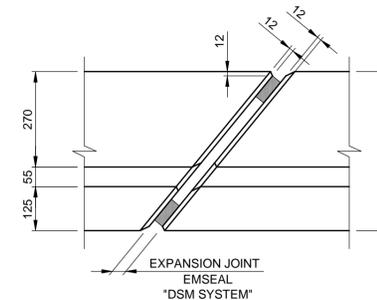
- NOTES:**
1. CONCRETE COVER TO REINFORCING STEEL 60 ± 10 mm EXCEPT AS NOTED.
 2. BAR LAP SPLICE FOR HORIZONTAL REINFORCEMENT MUST NOT LAP THROUGH CONTROL JOINT.
 3. MINIMUM BAR LAP SPLICE TO BE 900 mm, UNLESS OTHERWISE SHOWN.
 4. LENGTH OF HORIZONTAL BAR TO SUIT CONTRACTOR'S OPERATIONS. BAR LENGTHS NEED NOT MATCH DISTANCE BETWEEN CONTROL JOINTS.
 5. ALL STEEL TO BE HOT DIP GALVANIZED.
 6. CONSTRUCTION JOINTS TO BE LOCATED AS SHOWN.
 7. LEGEND: 'E' DENOTES EACH FACE
'I' DENOTES INSIDE FACE
'O' DENOTES OUTSIDE FACE



BARRIER CONSTRUCTION JOINT DETAIL
SCALE 1:10



DETAIL
SCALE 1:2



EXPANSION JOINT
SCALE 1:10 (WEST APPROACH ONLY)

CONTROL JOINT
SCALE N.T.S.



LOCATION	APPROVED	B.M. ELEV.
UNDERGROUND STRUCTURES		
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.		
1	ISSUED FOR TENDER	10/05/14 DPK
NO.	REVISIONS	DATE BY

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	HOR. SCALE	VERTICAL
BJR	MJB	SSR	DPK	AS SHOWN	
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

CITY DRAWING NUMBER
B237-10-44
SHEET 44 OF 121
CONSULTANT DRAWING NUMBER
C5-S1129-T

CONCRETE TRAFFIC BARRIER - 2 OF 2