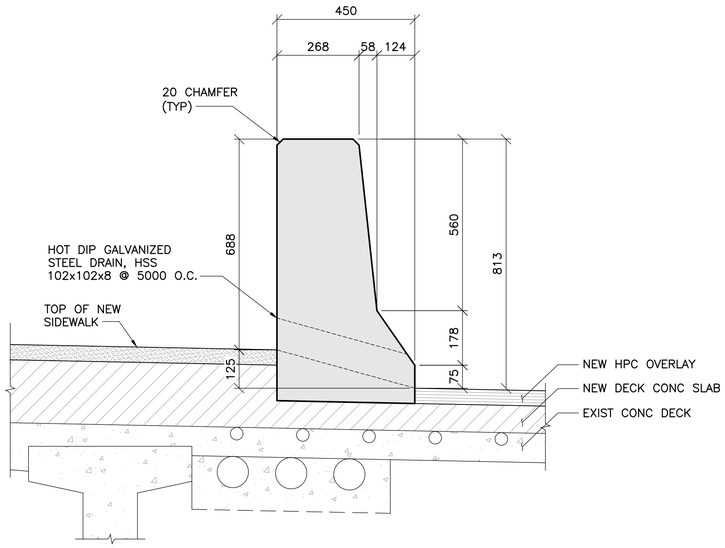
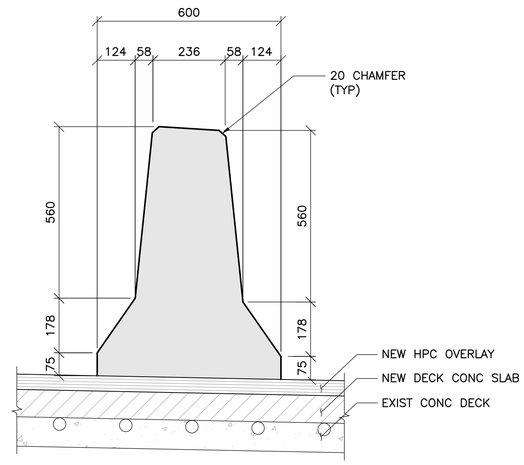
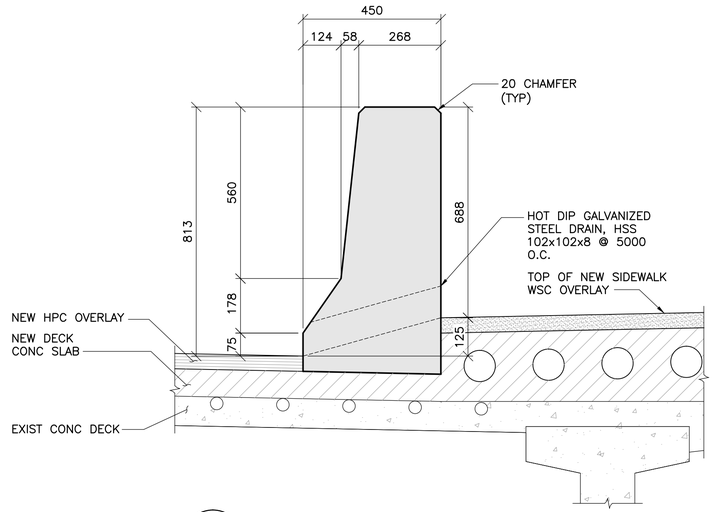


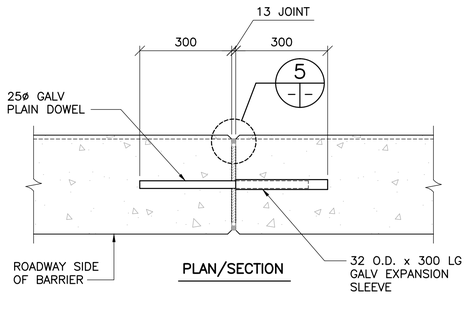
1 — WEST CONC SHOULDER BARRIER
1 : 10

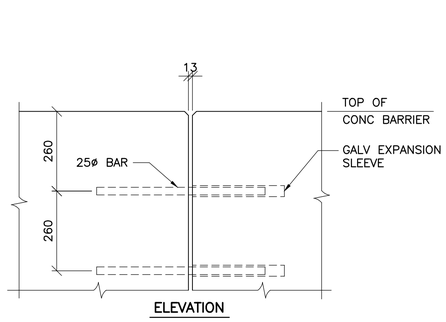


2 — MEDIAN CONC BARRIER
1 : 10



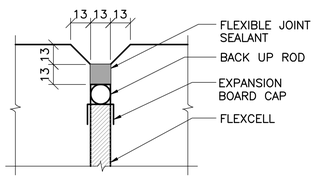
3 — EAST CONC SHOULDER BARRIER
1 : 10



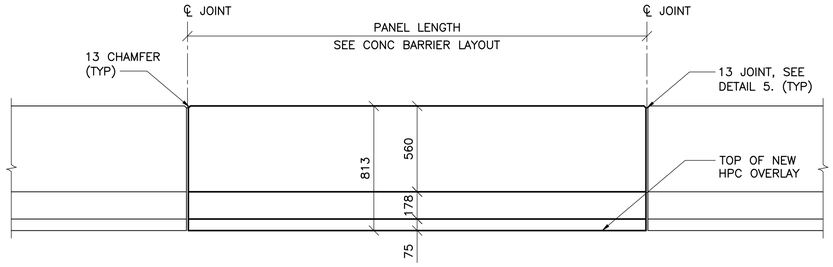


4 — BARRIER JOINT DETAIL
1 : 10

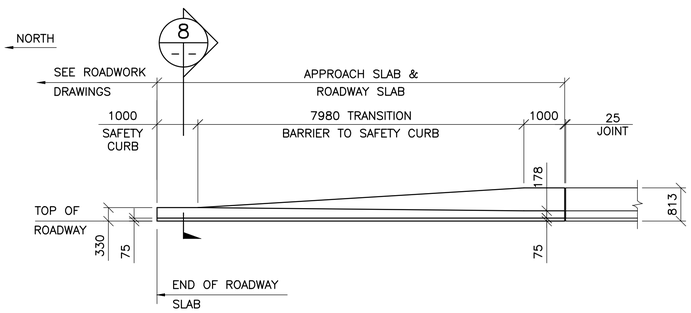
- GALVANIZED PLAIN DOWEL AND EXPANSION SLEEVE TO BE LOCATED AT ALL CONC BARRIER JOINTS, HELD IN PLACE SECURELY BY A WOODEN TEMPLATE DURING CONC PLACEMENT
- REINFORCING STEEL NOT CONTINUOUS THROUGH JOINTS.



5 — DETAIL
1 : 2

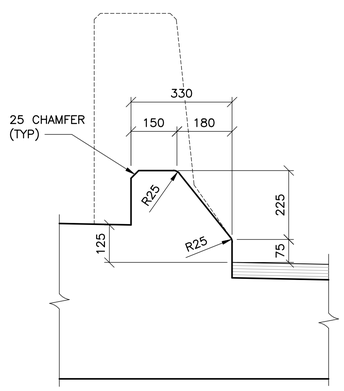


6 — TYP BARRIER PANEL
1 : 20



7 — BARRIER TRANSITION DETAIL
1 : 75

- SEE BARRIER LAYOUT FOR LOCATION



8 — SAFETY CURB DETAIL
1 : 10

APEGM
Certificate of Authorization
Wardrop Engineering Inc.
No. 195 Date: April 30, 2011

B.M. ELEV.		F.B.		
00	ISSUED FOR TENDER	11.02.18	EFS	
NO.	REVISIONS	DATE	BY	

WARDROP
A TETRA TECH COMPANY

DESIGNED BY	S.Y.	CHECKED BY	E.F.S.
DRAWN BY	E.M.M.	APPROVED BY	R.H.W.
HOR. SCALE: / VERTICAL:	AS NOTED	RELEASED FOR CONSTRUCTION	DATE ORIGINAL SIGNED 11.02.16
DATE	10.10.20	MATT CHISLETT, P.ENG BRIDGE PROJECTS ENGINEER	

ORIGINAL SIGNED 11.02.16
PROVINCE OF MANITOBA
E.F.G. SHEHATA
Member 23439
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
0900070502-DWG-S0082

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

OSBORNE STREET BRIDGE
REHABILITATION & RELATED WORKS

CITY DRAWING NUMBER
B109-11-087

SHEET 82 OF 131

CONCRETE BARRIER
SECTIONS AND DETAILS

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