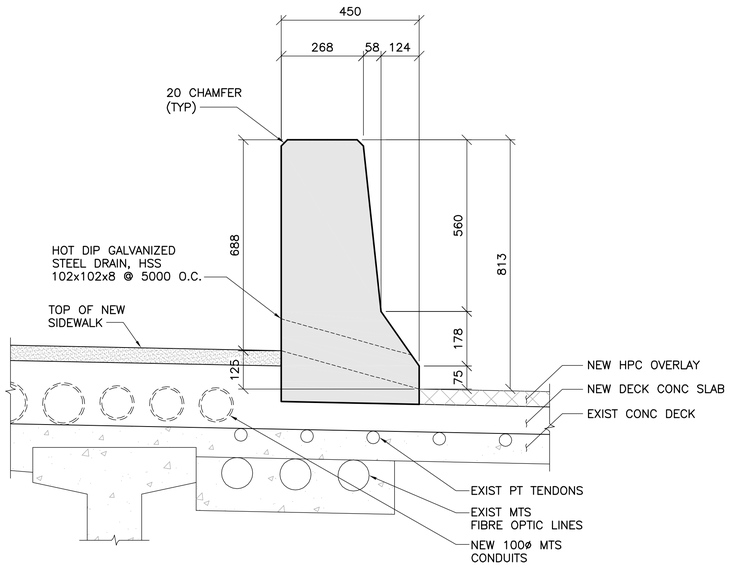
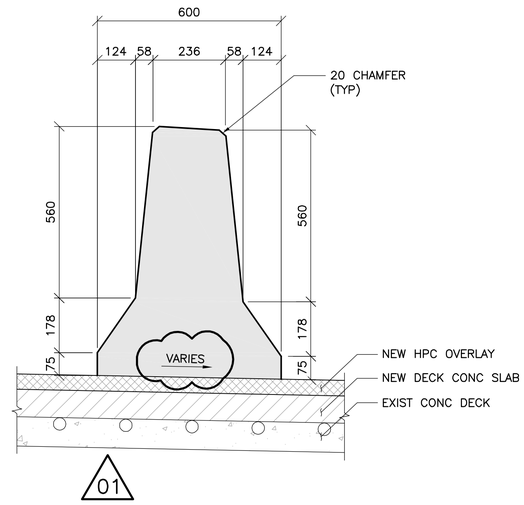
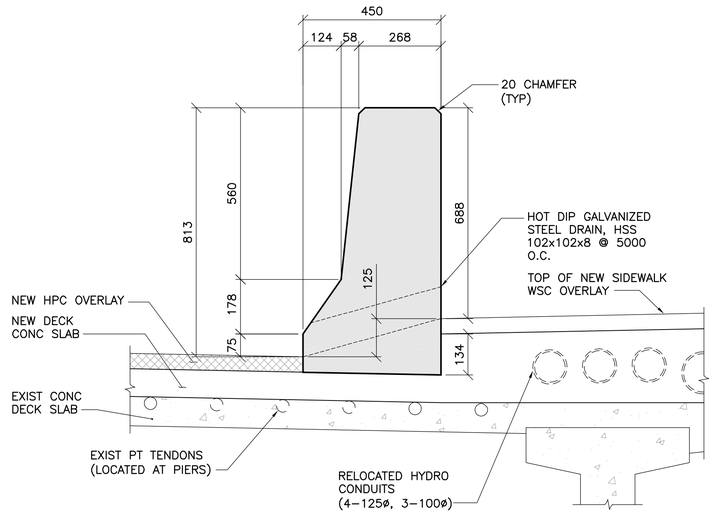


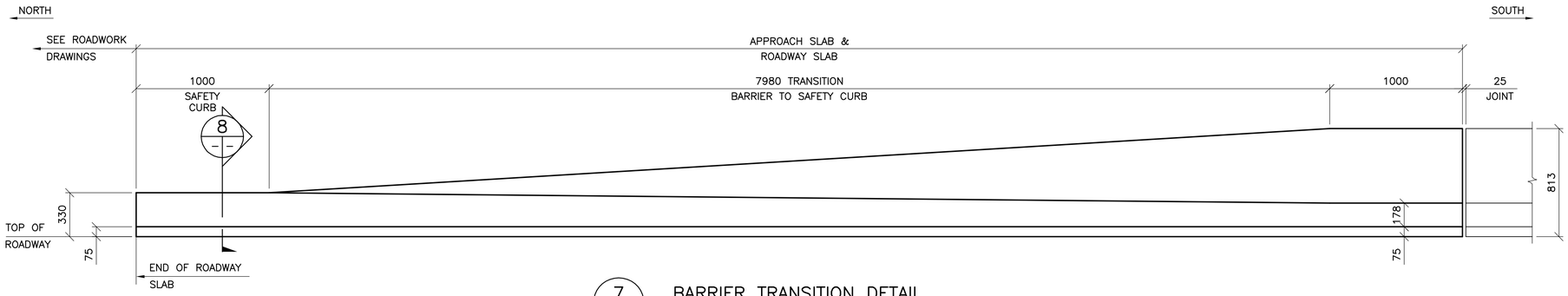
1 — WEST CONC SHOULDER BARRIER
1 : 10



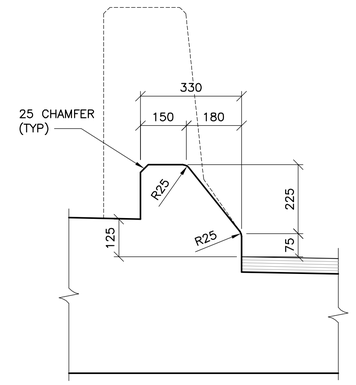
2 — MEDIAN CONC BARRIER
1 : 10



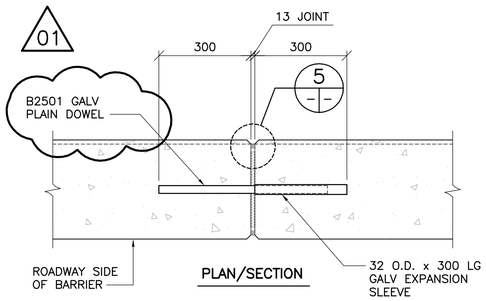
3 — EAST CONC SHOULDER BARRIER
1 : 10

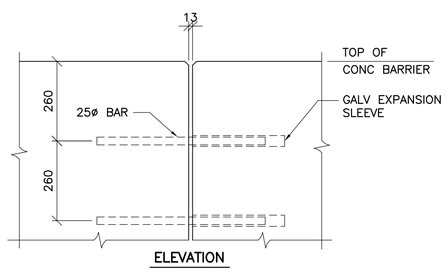


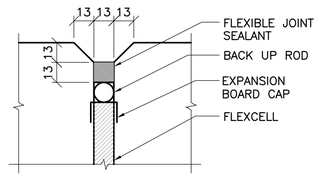
7 — BARRIER TRANSITION DETAIL
1 : 20
– SEE BARRIER LAYOUT FOR LOCATION



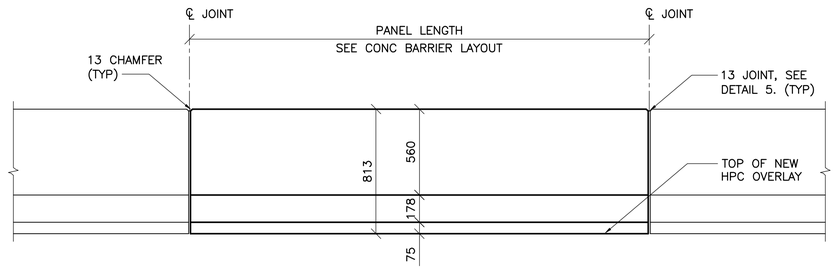
8 — SAFETY CURB DETAIL
1 : 10







5 — DETAIL
1 : 2



6 — TYP BARRIER PANEL
1 : 20

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.

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

B.M. ELEV.		F.B.		
01	ISSUED FOR ADDENDUM 1	11.03.07	EFS	
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:	AS NOTED	RELEASED FOR CONSTRUCTION	DATE
VERTICAL:		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

CONCRETE BARRIER – SECTIONS AND DETAILS

CITY DRAWING NUMBER B109-11-087
SHEET 82 OF 131
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