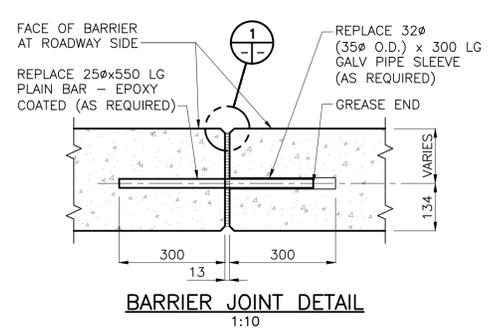
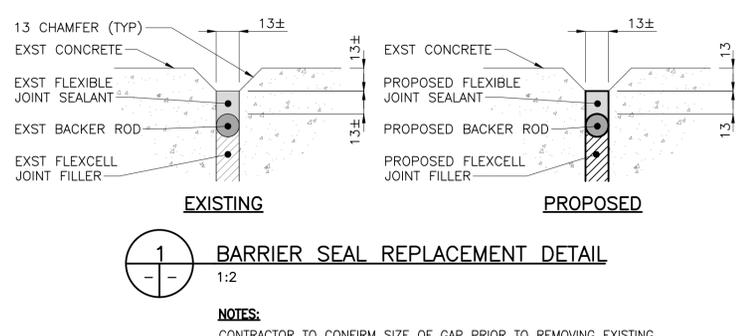


WICK DRAIN DRAINAGE PIPE DETAIL
1:2

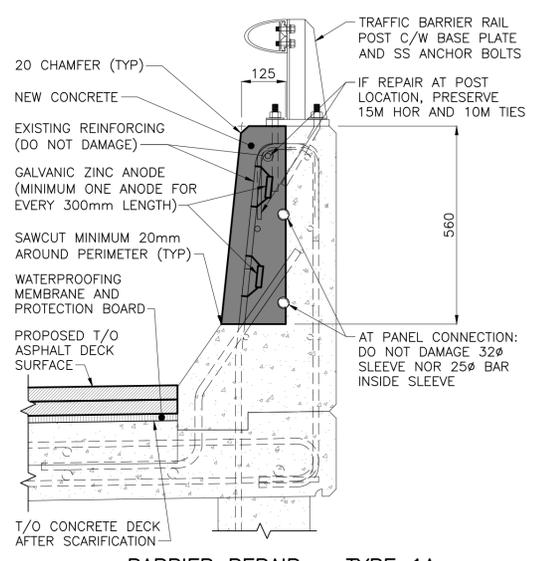


BARRIER JOINT DETAIL
1:10



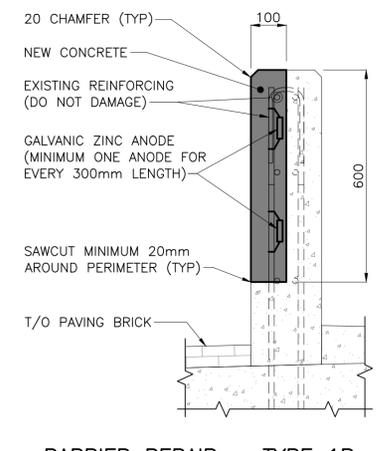
BARRIER SEAL REPLACEMENT DETAIL
1:2

NOTES:
CONTRACTOR TO CONFIRM SIZE OF GAP PRIOR TO REMOVING EXISTING MATERIAL FOR REPAIR. REPAIR AREA NOT SHOWN FOR CLARITY.



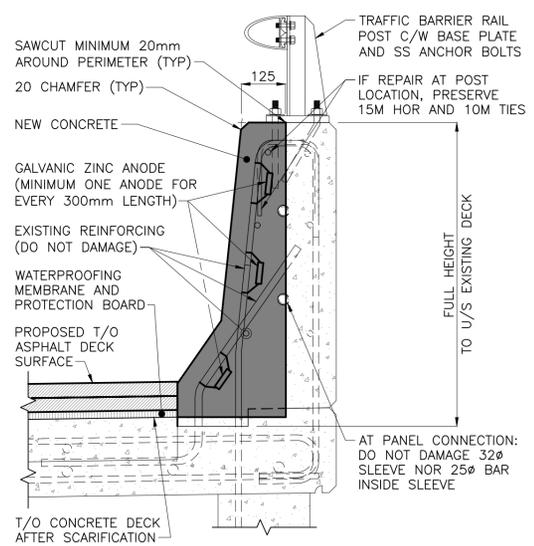
BARRIER REPAIR - TYPE 1A
1:10

NOTE:
BRIDGE BARRIER SHOWN
MEDIAN BARRIER SIMILAR



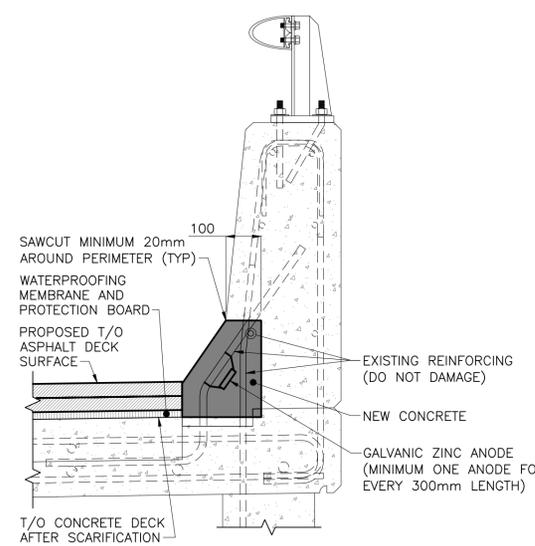
BARRIER REPAIR - TYPE 1B
1:10

NOTE:
PLANTER BARRIER SHOWN



BARRIER REPAIR - TYPE 2
1:10

NOTE:
BRIDGE BARRIER SHOWN
MEDIAN BARRIER SIMILAR

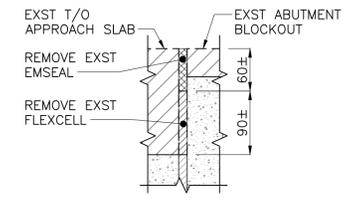


BARRIER REPAIR - TYPE 3
1:10

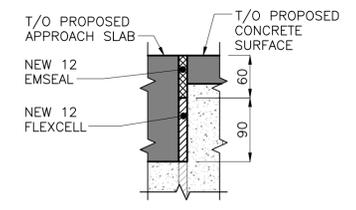
NOTE:
BRIDGE BARRIER SHOWN
MEDIAN BARRIER SIMILAR

NOTES:
BARRIER:

- REPAIR TYPE 1A SHALL BE USED FOR ALL TRAFFIC BARRIERS, REPAIR TYPE 1B SHALL BE USED FOR PLANTER BOX REPAIRS.
- IF BARRIER REPAIR OCCURS AT POST LOCATION, CONCRETE REMOVAL SHALL BE DONE WITH GREAT CONSIDERATION OF ANCHOR BOLTS AND BASE PLATE FOR RAIL POST, THEY SHALL NOT BE DAMAGED AND POST AND RAILS SHALL BE TEMPORARILY SUPPORTED OR REMOVED AND REINSTALLED TO FACILITATE REPAIR. NEITHER POST NOR RAIL SHALL BE DAMAGED.
- ADDITIONAL REINFORCING STEEL SHALL BE INSTALLED IF MORE THAN 20% OR MORE OF THE REINFORCING CROSS SECTIONAL AREA IS LOST.
- FOR BARRIER JOINT DETAIL WHERE REPAIR IS APPLICABLE REFER TO DETAIL ON THIS SHEET.
- TYPE 2 AND TYPE 3 REPAIRS TO BE COMPLETED PRIOR TO INSTALLATION OF WATERPROOFING.
- FOLLOWING CONCRETE REPAIRS, INTERIOR AND TOP FACE OF TRAFFIC BARRIERS SHALL RECEIVE SIKAGARD SN-100 AS DIRECTED BY THE ENGINEER.



APPROACH SLAB JOINT - DEMOLITION
1:5



APPROACH SLAB JOINT - REPAIR
1:5

B.M. ZONE88 BM12 (west side Pembina Hwy, concrete foundation of No. 3525/3527 Pembina Hwy building, southeast corner) ELEV. 235.91m			
DESIGNED BY	T.D.M.	CHECKED BY	J.R.D.
DRAWN BY	J.M.B.	APPROVED BY	J.R.D.
HOR. SCALE:		RELEASED FOR CONSTRUCTION:	
VERTICAL:		DATE	
0 ISSUED FOR TENDER	2024.05.09	J.M.B.	
NO. REVISIONS	DATE	BY	DATE



ENGINEER'S SEAL

CONSULTANT DRAWING NO. S-206

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PEMBINA HWY BRIDGE DECK
REHABILITATION OVER LA SALLE RIVER
NORTHBOUND PEMBINA HWY BRIDGE
STRUCTURAL DETAILS 4 OF 4

SHEET 20 OF 20
CAD FILE DRAWING NUMBER 33920s-103.dwg
CITY DRAWING NUMBER B224-24-20

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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