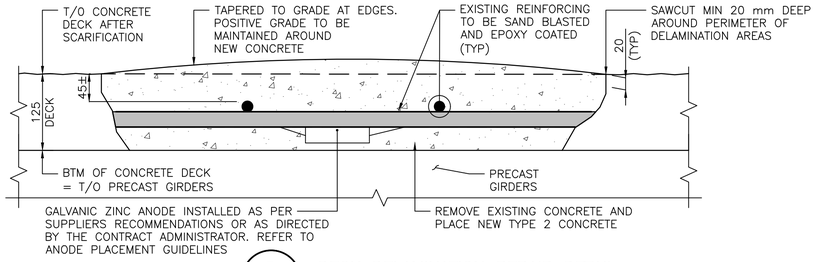


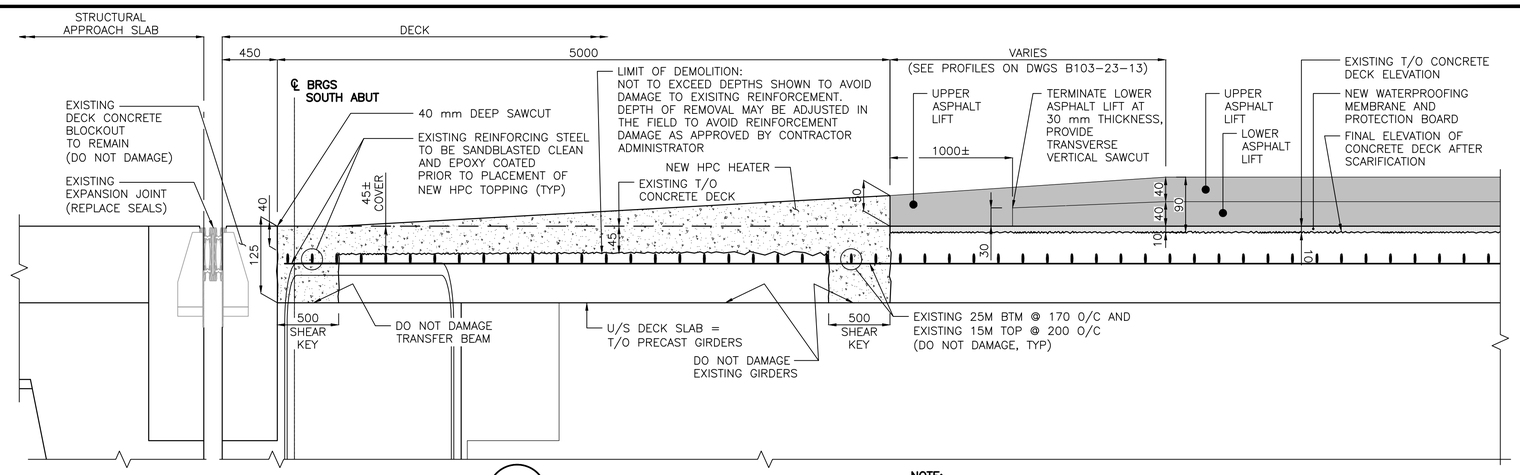
P – 09 DECK DELAMINATION REPAIR DETAIL
1:5

NOTE:

1. DECK DELAMINATION REPAIRS SHALL BE COMPLETED PRIOR TO ASPHALT OVERLAY
2. ADDITIONAL REINFORCING STEEL SHALL BE INSTALLED IF MORE THAN 20% OR MORE OF THE REINFORCING CROSS SECTIONAL AREA IS LOST

ANODE PLACEMENT GUIDELINES:

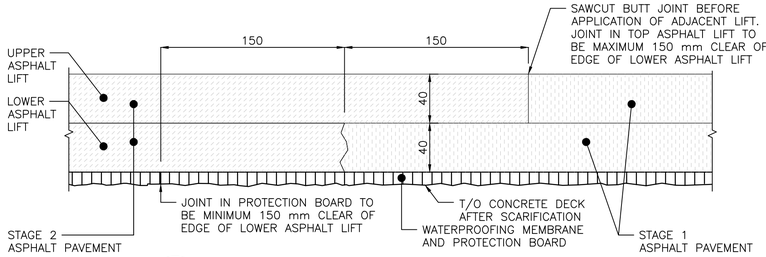
1. CLEAN THE STEEL REINFORCEMENT
2. SECURELY FASTEN THE ANODE UNITS PER MANUFACTURER RECOMMENDATIONS
3. MINIMUM OF ONE ANODE PER 300 mm OF PATCH PERIMETER
4. VERIFY ANODE–TO–STEEL AND STEEL–TO–STEEL CONTINUITY WITHIN THE PATCH. A VALUE BETWEEN 0 AND 1 OHM SHOULD BE ACHIEVED FOR EACH ANODE–TO–STEEL AND STEEL–TO–STEEL CONNECTION. ANODES SHALL BE ATTACHED TO EXPOSED STEEL ON THE EPOXY COATED REINFORCING STEEL



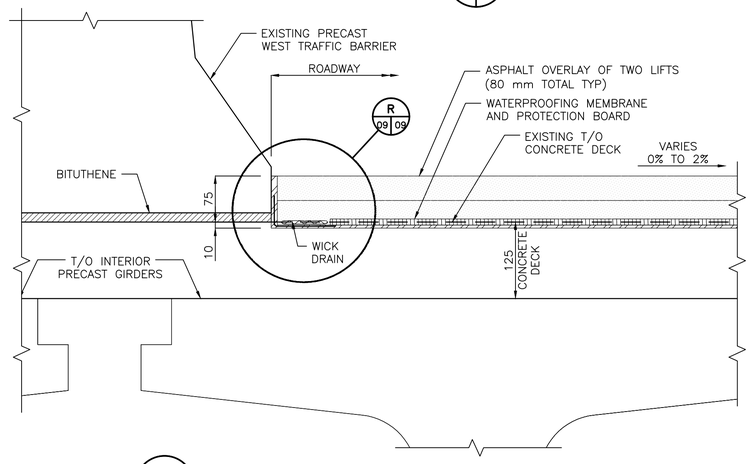
D 08 09 SECTION – DECK HPC HEADER
HORIZ: 1:25 VERT: 1:5

NOTE:

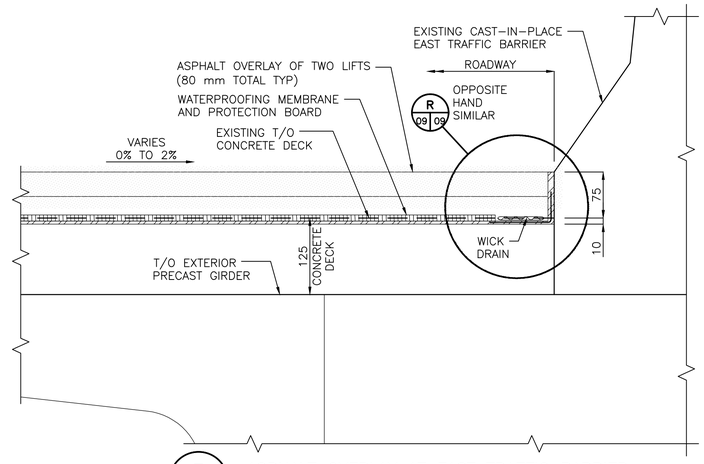
- DECK SOUTH SIDE SHOWN
- DECK NORTH SIDE – OPPOSITE HAND, SIMILAR



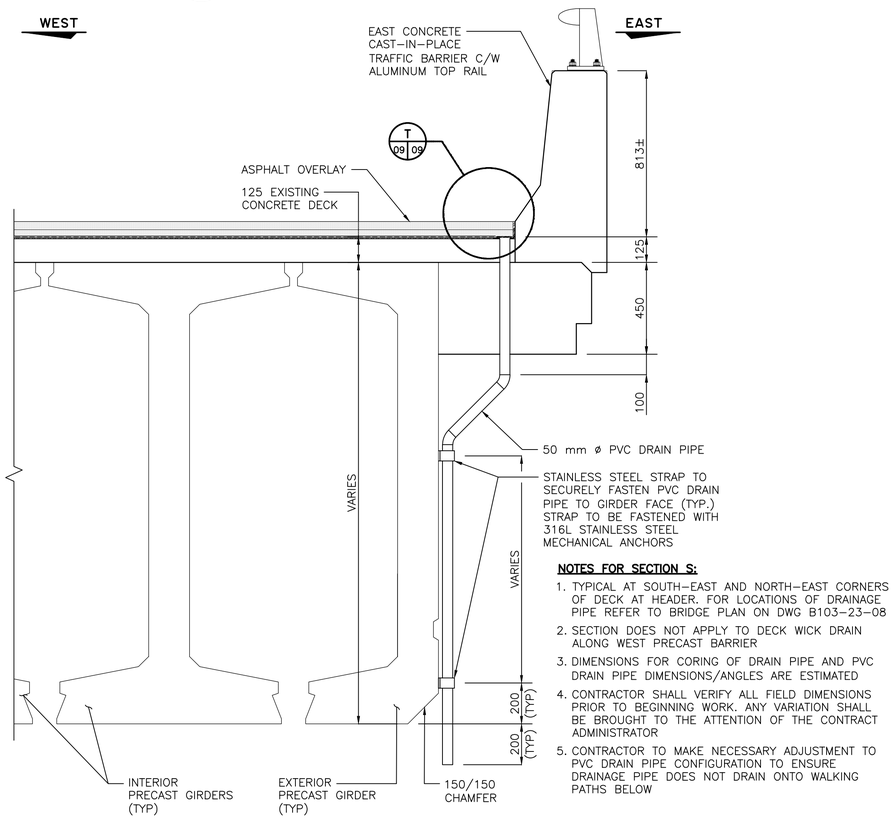
Q – 09 TYPICAL ASPHALT LONGITUDINAL JOINT
1:2.5



E 08 09 ASPHALT OVERLAY AT WEST TRAFFIC BARRIER
1:5



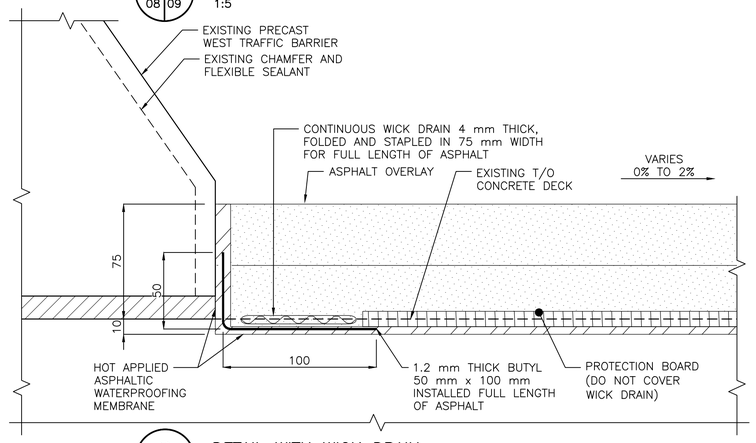
F 08 09 ASPHALT OVERLAY AT EAST TRAFFIC BARRIER
1:5



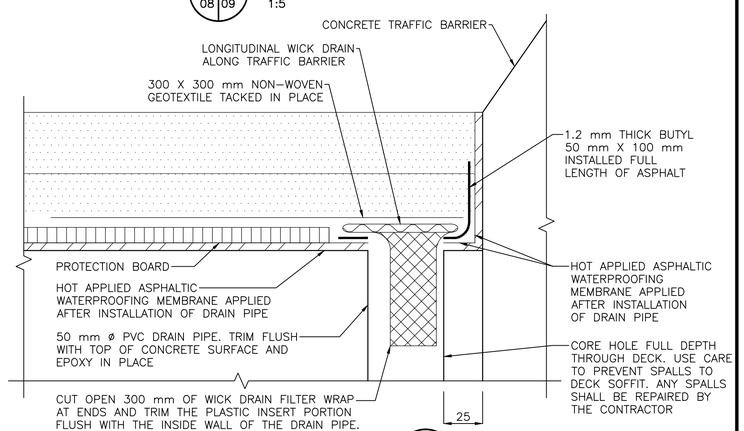
NOTES FOR SECTION S:

1. TYPICAL AT SOUTH–EAST AND NORTH–EAST CORNERS OF DECK AT HEADER. FOR LOCATIONS OF DRAINAGE PIPE REFER TO BRIDGE PLAN ON DWG B103–23–08
2. SECTION DOES NOT APPLY TO DECK WICK DRAIN ALONG WEST PRECAST BARRIER
3. DIMENSIONS FOR CORING OF DRAIN PIPE AND PVC DRAIN PIPE DIMENSIONS/ANGLES ARE ESTIMATED
4. CONTRACTOR SHALL VERIFY ALL FIELD DIMENSIONS PRIOR TO BEGINNING WORK. ANY VARIATION SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACT ADMINISTRATOR
5. CONTRACTOR TO MAKE NECESSARY ADJUSTMENT TO PVC DRAIN PIPE CONFIGURATION TO ENSURE DRAINAGE PIPE DOES NOT DRAIN ONTO WALKING PATHS BELOW

S – 09 SECTION WITH WICK DRAIN DRAINAGE PIPE
1:15



R 09 09 DETAIL WITH WICK DRAIN
1:2



T 09 09 PVC DRAIN PIPE DETAIL
1:2

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301

B.M. ZONE35 BM27 (CONCRETE FOUNDATION OF PUMP STATION AT NORTH END OF MAIN ST. BRIDGE, WEST SIDE OF MAIN ST.)
ELEV. 232.203

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	23.02.09	TM

Stantec
500 - 311 Portage Avenue, Winnipeg MB Canada
www.stantec.com

DESIGNED BY	T. MINION	CHECKED BY	J. DAHL
DRAWN BY	M. BUCZYNSKA	APPROVED BY	J. DAHL
HOR. SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION:	
VERTICAL:	AS NOTED		
DATE	9 FEBRUARY 2023	DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
2023-02-06
J.R. DAHL
Member
25442
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
B103-23-09

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2023 BRIDGE MAINTENANCE
NORWOOD AND MAIN STREET SB BRIDGE DECK REHABILITATIONS
NORWOOD SB BRIDGE
STRUCTURAL DETAILS - SHEET 2 OF 5

SHEET 09 OF 20
CAD FILE DRAWING NUMBER b103-23-09.dwg
CITY DRAWING NUMBER B103-23-09

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