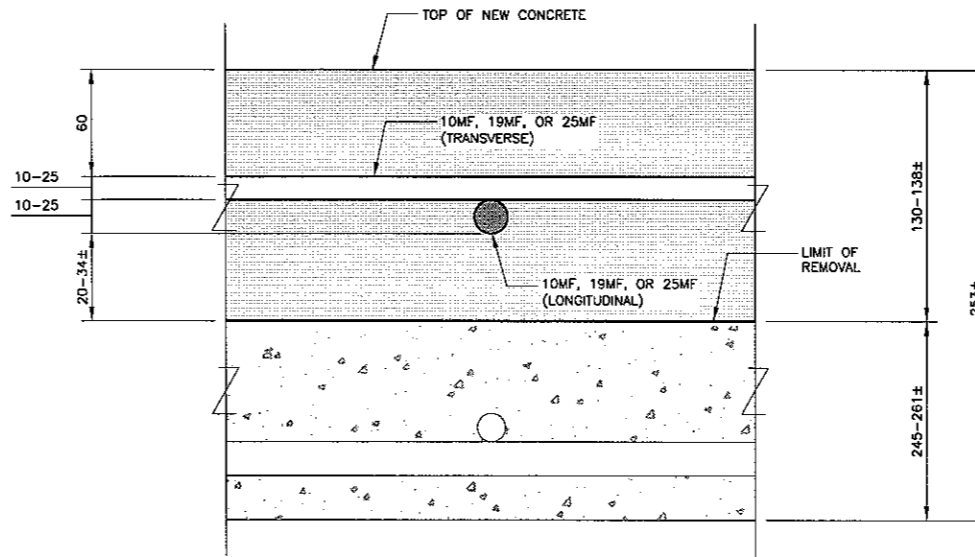


EXISTING TYPICAL DECK



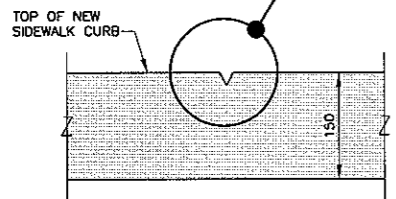
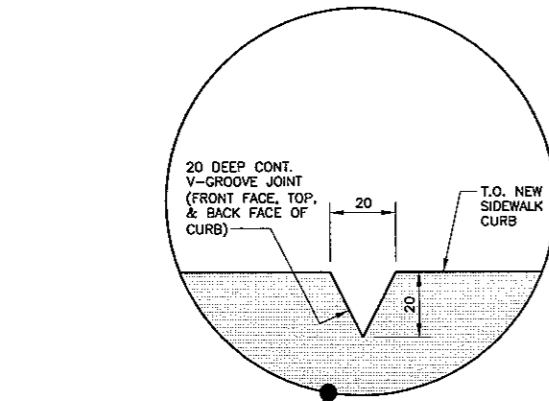
PROPOSED TYPICAL DECK

NOTE:

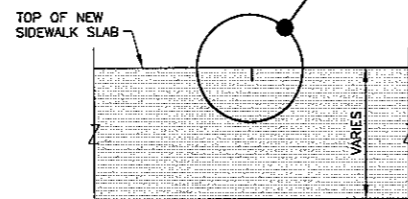
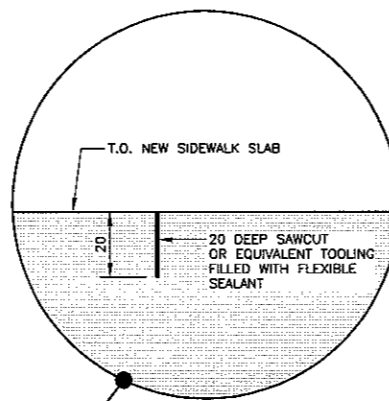
1. DECK CROSS-SECTION SHOWN OF EXISTING CONDITION IS OF INFORMATION OBTAINED FROM THE RECORD DRAWINGS OF THE ORIGINAL CONSTRUCTION AND OF THE CONDITIONS NOTED DURING DECK REHABILITATION OF THE WEST STRUCTURE IN 2005. THE CITY DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION SHOWN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE CONCRETE TO THE DEPTH OF THE BOTTOM OF THE TOP LAYER OF REINFORCING STEEL AS SHOWN.
2. THE #5 OR #6 TRANSVERSE REINFORCING STEEL ON THE EAST SIDE IS TO STAY IN PLACE WITHIN 3.0 METERS OF THE SHOULDER CURB LINE. CONCRETE REMOVAL IS TO DEPTH SHOWN. SEE DETAIL A ON SHEET 17.
3. INSTALL ELECTRONIC CONCRETE REINFORCEMENT MONITORING (BY OTHERS). CONTRACTOR TO ALLOW FULL ACCESS AND SCHEDULE TIME TO AND COOPERATE WITH OTHERS FOR THE INSTALLATION OF CONDUIT IN THE DECK. MONITORING GAUGES FOR THE REINFORCING, AND A MONITORING STATION ON THE SUBSTRUCTURE. COORDINATE SCHEDULING THROUGH THE CONTRACT ADMINISTRATOR. THE INSTALLATION OF THE REINFORCING MONITORING WILL INCLUDE THE INSTALLATION BY OTHERS OF 33.4 mm O.D. (26.64 mm I.D.) PVC CONDUIT. WHERE THERE IS NOT ENOUGH SPACE UNDER THE REINFORCING FOR THE CONDUIT, THE CONTRACTOR IS TO CREATE A SLIGHT VALLEY IN THE CONCRETE DECK TO CREATE THE SPACE. THE APPROXIMATE TOTAL LENGTH OF CONDUIT TO BE INSTALLED ON THE DECK IS 72 m.
4. 10MF ETC. INDICATES GFRP REINFORCING BARS, METRIC SIZE (DIAMETER IN mm)

TYPICAL RESTORATION DECK DETAIL

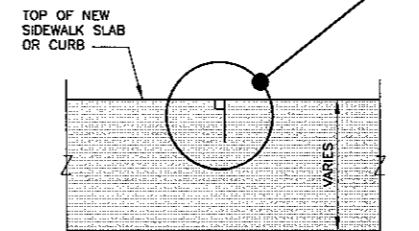
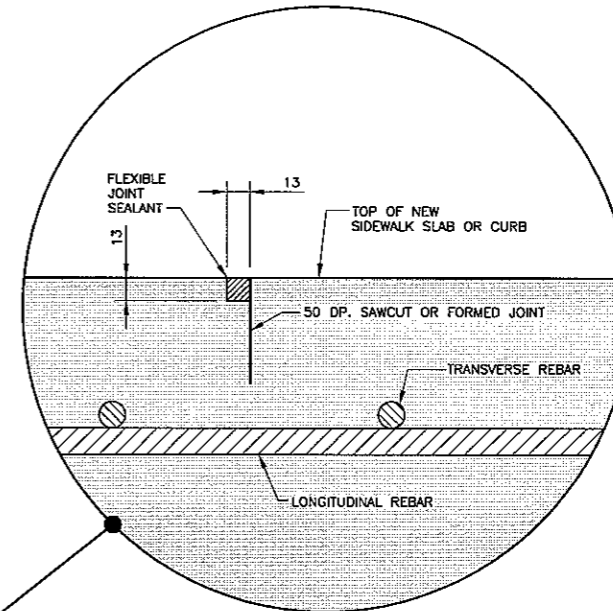
1: 2



SIDEWALK JOINT TYPE 'J1'
1: 5



SIDEWALK JOINT TYPE 'J2'
1: 5



SIDEWALK JOINT TYPE 'J3'
1: 5 (TYPICAL AT REST AREA LOCATIONS)

NOTE:
FOR JOINT LOCATIONS SEE SHEET NO. 25

DESIGNED BY R.A.W.	ENGINEER'S SEAL PROVINCE OF MANITOBA R.A. WIEBE REGISTERED PROFESSIONAL ENGINEER	ENGINEER'S SEAL PROVINCE OF MANITOBA S.S. RIHAL REGISTERED PROFESSIONAL ENGINEER	THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT MARYLAND TWIN BRIDGES REHABILITATION PROJECT EAST BRIDGE REHABILITATION CONCRETE DECK PLACEMENT DETAILS SIDEWALK JOINT DETAILS	CITY DRAWING NUMBER B108-06-14 SHEET 14 OF 38
DRAWN BY N.B.G.	CHECKED BY R.A.W.	REVIEWED BY S.S.R.		CONSULTANT PROJECT NO. 05-5069-1000
ISSUED FOR TENDER 02/02/06 N.B.G.	HOR. SCALE AS NOTED	RELEASED FOR CONSTRUCTION DATE 01-31-06		
ISSUED FOR CITY REVIEW 12/14/05 N.B.G.	DATE DEC. 2005	DATE 01-31-06		