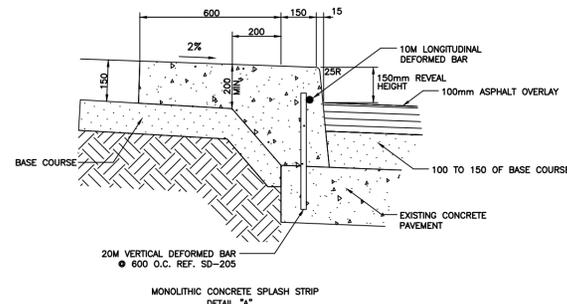
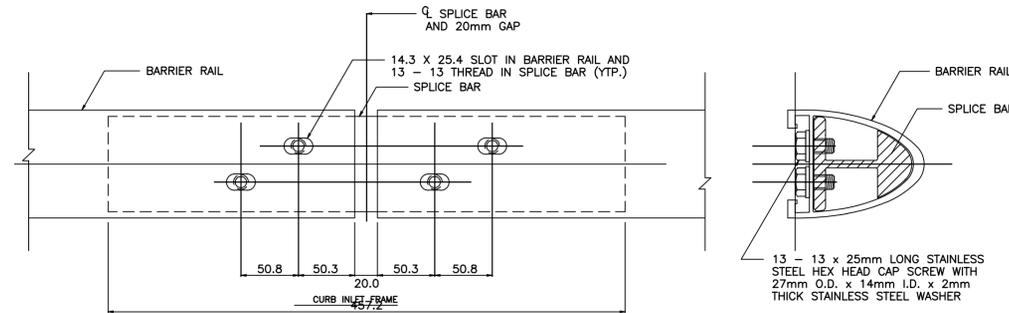
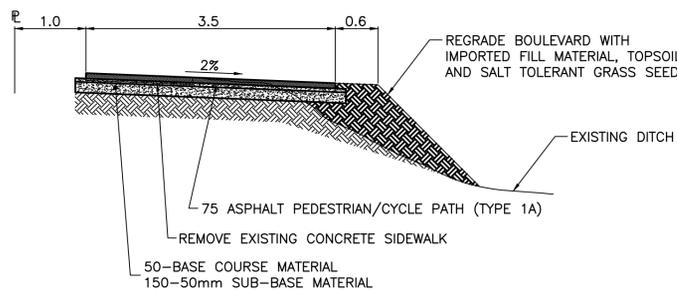


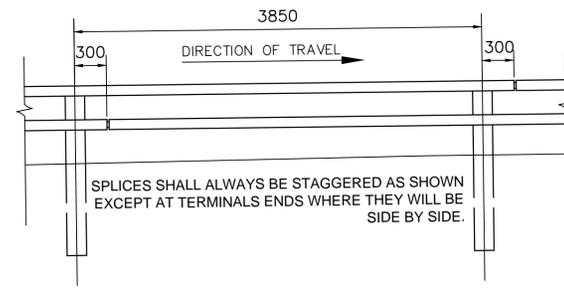
SECTION A - A
N.T.S.



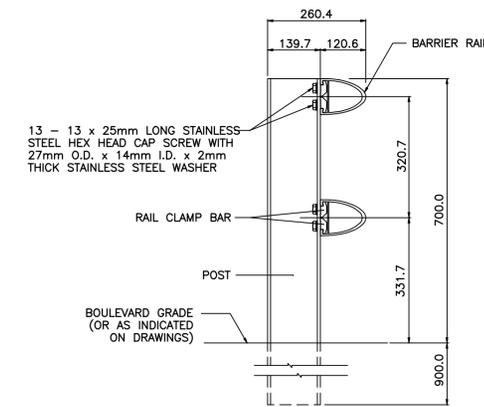
SECTION B - B



SPLICE BAR TO RAIL ASSEMBLY DETAIL
N.T.S.



ALUMINUM RAIL SPICE STAGGER
N.T.S.



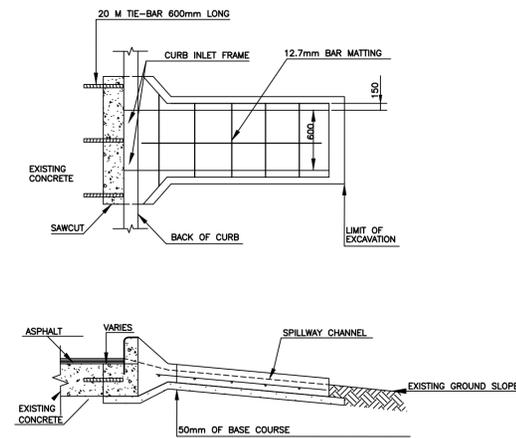
RAIL TO POST ASSEMBLY DETAIL
N.T.S.

CONSTRUCTION NOTES

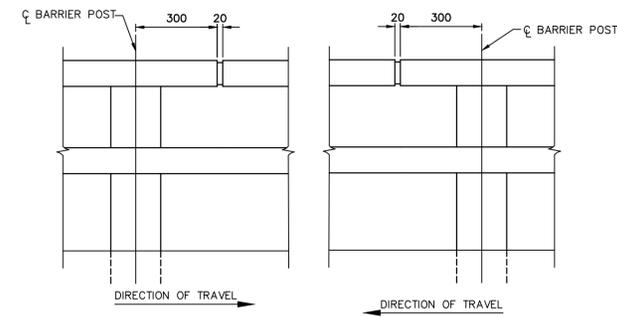
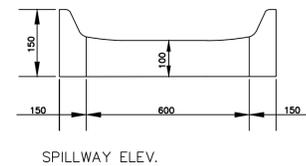
- 1) CURB REPLACEMENT AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
- 2) ALL STREET RADIUS CURB UNDER 15M RADIUS SHALL BE REPLACED AS MODIFIED OR AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
- 3) PAVEMENT REPAIRS SHOWN ARE ONLY A REPRESENTATIVE SAMPLE OF THE TENDERED QUANTITIES
- 4) ASPHALT TIE-INS ON APPROACHES TO BE DETERMINED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
- 5) ALL BULLNOSES TO HAVE SLOPED FACE.

WARNING

- IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
- 1) OBTAIN CLEARANCE FROM THE GAS UTILITY PRIOR TO EXCAVATION.
 - 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS UTILITY INSTALLATIONS.
- SEE PROVINCIAL REGULATION 210/72 FOR DETAILS



SPILLWAY CHANNEL DETAIL 'B'
REFER TO E13 CONSTRUCTION OF REINFORCED CONCRETE SPILLWAY WITH CURB INLET FRAME.
N.T.S.



RAIL SPICE LOCATION
N.T.S.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

BID OPPORTUNITY NO. 9-2013

HYDRANT	+	---	LDS/WWS	---	PAVED SHOULDER (TYP.)	.....
RAILWAY WARNING SIGNALS	⊕	---	WATERMAIN	---	CULVERT	.....
PEDESTRIAN X-WALK	⊕	---	GAS	---	RAMP CURB	.....
SURVEY BAR	⊕	---	HYDRO	---	EXISTING	.....
O.L.S.	⊕	---	TRAFFIC SIGNALS	---	LEGEND - PLAN	.....
MANHOLE	⊕	---	MTS	---	PROPOSED	.....
CATCH BASIN	⊕	---	CURB RENEWAL	---		.....
CURB INLET	⊕	231.000	ELEVATIONS	[231.000]	TURN LANES	.....
HYDRO POLE	⊕	---	PROPERTY LINE	---	NORTH GUTTER	.....
TRAFFIC SIGNAL POLE	⊕	---	GEODETIC BENCH MARK	---	SOUTH GUTTER	.....
OVERHEAD SIGN	⊕	---	CONCRETE	---	DITCH (SOUTH)	.....
EXISTING	---	---	LEGEND - PLAN	---	PROPOSED	.....

LOCATION APPROVED	B.M. ELEV.	GBM 64-012
UNDERGROUND STRUCTURES		232.418
SUPR. U/G STRUCTURES		
COMMITTEE		
DATE		

DESIGNED BY	S.M.	CHECKED BY	A.P.
DRAWN BY	S.M.	APPROVED BY	R.T.C.
HOR. SCALE:	1 : 500	VERTICAL:	1 : 10
NO.	REVISIONS	DATE	BY
2.	ADDENDUM 1	01/13/13	S.M.
1.	SUBMIT FOR ENGINEER'S REVIEW	01/04/13	S.M.
0.	SUBMIT FOR PLAN APPROVAL	12/21/12	S.M.

ENGINEERING DIVISION TECHNOLOGY SERVICES BRANCH 106 - 1155 PACIFIC AVE	
DESIGNED BY	S.M.
CHECKED BY	A.P.
DRAWN BY	S.M.
APPROVED BY	R.T.C.
HOR. SCALE:	1 : 500
VERTICAL:	1 : 10

ENGINEER'S SEAL
R.T. CUNNINGHAM Member 24711
PROFESSORIAL ENGINEER
ORIGINAL SIGNED BY R.T.C. MARCH 4/2013

THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT	
MCGILLIVRAY BOULEVARD EASTBOUND	
FROM IRENE STEET TO PEMBINA HIGHWAY	
ASPHALT OVERLAY AND ASSOCIATED WORKS	
MISCELLANEOUS DETAILS	
CITY DRAWING NUMBER	P-3340-5
SHEET	5 OF 5
5	