



**RED RIVER**

**TACHE AVENUE**

**RUE DESPINS**

**CATHEdraLE AVENUE**

**RUE MASSON**

ST. BONIFACE MUSEUM

ST. BONIFACE HERITAGE GARDENS

THE FOLLOWING SCOPE OF WORK IS PRESENTED IN THE CONSTRUCTION SEQUENCE ASSUMED AS THE BASIS OF DESIGN. THE CONTRACTOR SHALL SUBMIT HIS PROPOSED CONSTRUCTION SEQUENCE AND HIS SCHEDULE FOR CONTRACT ADMINISTRATOR'S REVIEW AND ACCEPTANCE PRIOR TO PROCEEDING WITH THE WORK.

**SCOPE OF WORK**

**UTILITY RELOCATION IN ADVANCE OF TACHE PROMENADE WORKS (BY OTHERS)**

1. RELOCATE HYDRO POLES ALONG THE LENGTH OF THE PROPOSED SHEET PILE WALL AND SIDEWALK WIDENING TO THE EAST SIDE OF TACHE AVE. (BY OTHERS)

**SLOPE STABILIZATION NOTES 2017/18 (WINTER)**

1. IMPLEMENT TRAFFIC CONTROL MEASURES FOR SHEET PILE WALL AND SIDEWALK WIDENING.
2. MOBILIZE FOR SLOPE STABILIZATION WORKS.
3. IMPLEMENT TREE PROTECTION.
4. PERFORM ACCEPTED TREE REMOVALS.
5. IMPLEMENT SEDIMENT AND EROSION CONTROL MEASURES AS REQUIRED TO PREVENT SEDIMENT ENTRY INTO THE WATERCOURSE.
6. CONSTRUCT ACCEPTED TEMPORARY ACCESS AND WORK PLATFORMS.
7. FACILITATE INSTALLATION OF RIVERBANK MONITORING INSTRUMENTATION (BY OTHERS).
8. INSTALL ROCKFILL COLUMNS.
9. INSTALL RIPRAP.
10. RESTORE LOWER BANK PLATFORMS AND ANY RAMPS NOT REQUIRED FOR LOOKOUT STRUCTURE CONSTRUCTION.
11. IMPLEMENT TEMPORARY EROSION CONTROL MEASURES FOR SPRING FLOOD.

**SHEET PILE WALL AND SIDEWALK WIDENING (SUMMER)**

1. IMPLEMENT TRAFFIC CONTROL MEASURES FOR SHEET PILE WALL AND SIDEWALK WIDENING.
2. IMPLEMENT EROSION CONTROL MEASURES FOR SHEET PILE WALL CONSTRUCTION AS REQUIRED.
3. PERFORM REMOVALS.
4. INSTALL SHEET PILING.
5. INSTALL SUBDRAIN SYSTEM.
6. INSTALL CELLULAR CONCRETE FILL.
7. INSTALL REINFORCED CONCRETE CORBEL BEAM AND ABUTMENT SEATS.
8. INSTALL CONCRETE PAVEMENT AND SAFETY CURB.
9. INSTALL LIMESTONE BACKFILL AND SIDEWALK PAVEMENT STRUCTURE.
10. INSTALL BICYCLE RAIL.

**TREETOP LOOKOUT (SUMMER)**

1. INSTALL CAST-IN-PLACE CONCRETE PIER FOUNDATIONS C/W PERMANENT PIER SLEEVE.
2. INSTALL PIER ICE SCOUR PROTECTION.
3. INSTALL BEARINGS WHERE REQUIRED.
4. INSTALL STEEL FRAMING.
5. INSTALL STAY-IN-PLACE STEEL DECKING C/W STUD ANCHORS AND PERIMETER ANGLES.
6. INSTALL DECK DRAINS.
7. INSTALL REINFORCING STEEL.
8. INSTALL ELECTRICAL CONDUIT DUCT RUNS.

**UPPER BANK PATH (SUMMER)**

1. REMOVE EXISTING CURBS AND HANDRAIL.
2. EXCAVATION AND PLACEMENT OF FILL AND PAVEMENT STRUCTURE.
3. INSTALLATION OF LIMESTONE BLOCK WALL.
4. PLACEMENT OF SEPARATION GEOTEXTILE FABRIC, SUB-BASE MATERIAL AND BASE COURSE.
5. PLACEMENT OF ASPHALT PAVEMENT.
6. LANDSCAPING.

**UPPER BANK PATH (SUMMER)**

9. INSTALL CAST-IN-PLACE CONCRETE DECK AND CURBS.
10. INSTALL DECK EXPANSION JOINTS.
11. INSTALL WATERPROOFING MEMBRANE.
12. INSTALL AND COMPACT BEDDING SAND.
13. INSTALL PRECAST CONCRETE PAVERS.
14. INSTALL STEEL RAILING C/W EXPANDED WIRE MESH AND INTEGRAL LIGHTING.
15. INSTALL TIMBER BENCH AT LOOKOUT PLATFORM AND TIMBER RAILING AT JUMP SLABS.
16. FACILITATE INSTALLATION OF PUBLIC ART PIECE AT THE LOOKOUT PLATFORM.
17. INSTALL AND CONNECT ALL ELECTRICAL SERVICES.

**PLAN**

SCALE: 1:750



**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

	GAS		MANHOLE		CONCRETE PAVEMENT
	MTS HANDWELL/PEDESTAL		CATCH BASIN/CATCH PIT		CONC SIDEWALK/MEDIAN
	HYDRO HANDWELL/CABINET		CURB INLET WITH BOX		ASPHALT PAVEMENT
	CATV/FIBRE OPTIC		TREE		PAVING STONE
	TRAFFIC SIGNALS/PIT		TEST HOLE		GRAVEL
	LAND DRAINAGE SEWER		PROPERTY LINE		RAMP CURB
	SANITARY/COMBINED SEWER		SURVEY BAR		PLANING/REMOVAL
	CB LEAD/SSP/DCP		FENCE		
	WATERMAIN		BOC/EDGE OF PAVEMENT		
	SUBDRAIN		ELEVATION (33.000)		
	DITCH		TRAFFIC SIGN (33.333)		
	EXISTING		LEGEND - PLAN		EXISTING
	NEW		LEGEND - PLAN		NEW

**LOCATION APPROVED**  
UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES COMMITTEE DATE

**NOTE:**  
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

BM ELEV			
DESIGNED BY	JGK	CHECKED BY	DAN
DRAWN BY	KMB	APPROVED BY	BWB
HOR SCALE	1:750	RELEASED FOR CONSTRUCTION	
VERT SCALE			
0 ISSUED FOR TENDER	17/10/13	JGK	
No. REVISIONS	YY/MM/DD	BY	DATE
			17/10/13

**MORRISON HERSHFIELD**

DESIGNED BY: JGK  
DRAWN BY: KMB  
CHECKED BY: DAN  
APPROVED BY: BWB

RELEASED FOR CONSTRUCTION

HOR SCALE: 1:750  
VERT SCALE:

DATE: 17/10/13

PROFESSIONAL'S SEAL

PROVINCE OF MANITOBA

**J.G. KENNEDY**  
Member  
22326

REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME  
5170563-Tache-GP-01.dwg

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

**TACHE PROMENADE**

TACHE AVENUE  
GENERAL SCOPE OF WORK  
PLAN

CITY DRAWING NUMBER: B250-17-02  
SHEET 02 OF 70  
DRAWING No. REV 01 0

BID OPPORTUNITY No. 754-2017