

SCOPE OF WORK:

- A. Riverbank Stabilization (Fall 2016 – March 15, 2017)
 - (i) Implement traffic and pedestrian control measures & mobilize.
 - (ii) Construction of temporary access ramp(s) and working platform.
 - (iii) Drilling of rockfill column shafts.
 - (iv) Supply, placement and compaction of rockfill for rockfill columns.
 - (v) Supply and placement of rip rap erosion protection.
 - (vi) Removal of temporary access ramp(s) and reshaping of riverbank.
 - (vii) Construction of limestone terrace below elevation 225.00.
 - (viii) Installation of riverbank erosion control blanket.
 - (ix) Removal of traffic and pedestrian control measures.
- B. Riverbank Grading and Trail Construction (Spring 2017 – July 2017)
 - (i) Implement traffic and pedestrian control measures.
 - (ii) Riverbank grading including demolition of existing wall.
 - (iii) Construction of gravel riverbank trail including gabion wall alcoves.
 - (iv) Construction of limestone terrace above elevation 225.00.
 - (v) Site restoration, topsoil and plantings.
- C. Road and Sidewalk Works (June 19, 2017 – September 1, 2017)
 - (i) Removal of existing asphalt pavement and curbs.
 - (ii) Milling of existing asphalt pavement.
 - (iii) Installation of catch basins, subdrains and sewer service pipe.
 - (iv) Curb and gutter installation (100 mm curb height).
 - (v) Installation of new street lighting (cables, bases and poles).
 - (vi) Placement of geotextile fabric, subbase material, and base course for sidewalk.
 - (vii) Implement pedestrian control measures.
 - (viii) Widen existing roadway (excavation, subgrade compaction, geotextile fabric, subbase material and base course).
 - (ix) Installation of catchpits and drainage connection pipe.
 - (x) Curb and gutter installation (100 mm curb height).
 - (xi) Placement of asphalt pavement (Type 1A, 100 mm thick (2 lifts)).
 - (xii) Adjustment of existing manholes and appurtenances.
 - (xiii) Placement of asphalt overlay (Type 1A, average thickness 50 mm (1 lift)).
 - (xiv) Boulevard restoration (including private approaches and sidewalks) and landscaping.
 - (xv) Placement of asphalt pavement for sidewalk (Type 1A, 75 mm thick (1 lift)). Note: Riverbank grading and trail construction must be complete prior to paving the asphalt sidewalk.
 - (xvi) Removal of traffic and pedestrian control measures.

TRAFFIC MANAGEMENT:

Time Frame	Traffic on Lyndale Drive	Pedestrian Access
Fall 2016 - March 15, 2017	Closed between Monck and Gauvin	2 m Pedestrian corridor maintained along existing north gutter
Spring 2017 - June 18, 2017	Closed between Monck and Gauvin (must re-open for Manitoba Marathon on June 18, 2017)	2 m Pedestrian corridor maintained along existing north gutter
June 19 - September 1, 2017	Closed between Monck and Gauvin (with short term closures of Monck and Gauvin)	2 m pedestrian corridor maintained along existing north gutter until new sidewalk base course is constructed Pedestrians utilize new sidewalk (on base course) until end of construction.

Note: If no Work is occurring for a significant period of time (ie. in the spring of 2017), the Contractor shall open Lyndale Drive to traffic and pedestrians as approved by the Contract Administrator.

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW

LOCATION APPROVED
 UNDERGROUND STRUCTURES

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 34-004	ELEV 229.873m
C	ISSUED FOR TENDER 16/09/29 JGK
B	ISSUED FOR FINAL REVIEW 16/09/13 JGK
A	ISSUED FOR 75% REVIEW 16/08/17 JGK
No.	REVISIONS YYMMDD BY DATE

MORRISON HERSHFIELD	
DESIGNED BY: JGK	CHECKED BY: MVH
DRAWN BY: DID	APPROVED BY: BWB
BY: JGK	DATE: 16/09/06
HOR SCALE: 1:250	VERT SCALE: N/A
RELEASED FOR CONSTRUCTION	

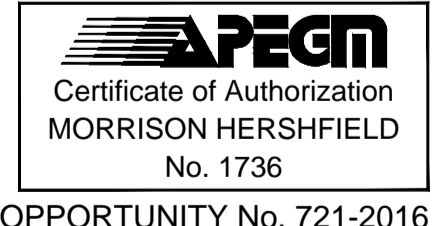


THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

LYNDALE DRIVE RIVERBANK STABILIZATION AND ASSOCIATED WORKS
 MONCK AVENUE TO GAUVIN STREET
 EXISTING CONDITIONS
 STA 0+510 TO STA 0+610

CITY DRAWING NUMBER: RW751-2016-5
 SHEET 5 OF 32
 DRAWING No. 5 REV C

CONSULTANT FILE NAME: 5160047-Lyndale-PP-05.dwg



BID OPPORTUNITY No. 721-2016