PLAN

NEW

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**

-- → HYDRO HANDWELL/CABINET

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EXISTING

CATV/FIBRE OPTIC

TRAFFIC SIGNALS/PIT

CB LEAD/SSP/DCP

WATERMAIN

SUBDRAIN

DITCH

LEGEND - PLAN

LAND DRAINAGE SEWER

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NEW

0

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🕁 TH-12

33.000

EXISTING

MANHOLE

CATCH BASIN/CATCH PIT

CURB INLET WITH BOX

TREE

TEST HOLE

PROPERTY LINE

SURVEY BAR

FENCE

BOC/EDGE OF PAVEMENT

ELEVATION

TRAFFIC SIGN

LEGEND - PLAN

33.333

NEW

EXISTING

CONCRETE PAVEMENT

CONC SIDEWALK/MEDIAN

ASPHALT PAVEMENT

PAVING STONE

GRAVEL

RAMP CURB

PLANING/REMOVAL

LEGEND - PLAN

LOCATION APPROVED UNDERGROUND STRUCTURES	BM 34-004 ELEV 229.873m			
SUPR. U/G STRUCTURES DATE COMMITTEE				
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		ISSUED FOR TENDER		
		ISSUED FOR FINAL REVIEW		
INDIVIDUAL UTILITIES BEFORE PROCEEDING	Α	ISSUED FOR 75% REVIEW		
WITH CONSTRUCTION.	No.	REVISIONS		

BM 34-004 ELEV 229.873m			mı			PROFESSIONAL'S SEAL			
					MORRISON HERSHFIELD		J.G.		
				DESIGNED BY	JGK	CHECKED BY	MVH	RENNEDY Member 22326	
				DRAWN BY	DID	APPROVED BY	BWB	22326 PROFESSIONER	
С	ISSUED FOR TENDER	16/09/29	JGK			RELEASED FOR CONSTRUCTION		MOFESSION	
В	ISSUED FOR FINAL REVIEW	16/09/13	JGK	HOR SCALE	1.200			CONSULTANT FILE NAME	
Α	ISSUED FOR 75% REVIEW	16/08/17	JGK	VERT SCALE	N/A	_			
No.	REVISIONS	YY/MM/DD	BY	DATE	16/09/06	DATE		5160047-Lyndale-PP-03.dwg	





BID OPPORTUNITY No. 721-2016 THE CITY OF WINNIPEG **PUBLIC WORKS DEPARTMENT**

ENGINEERING DIVISION

AND ASSOCIATED WORKS MONCK AVENUE TO GAUVIN STREET **EXISTING CONDITIONS** STA 0+290 TO STA 0+400

CITY DRAWING NUMBER RW751-2016-3					
SHEET	3	OF	32		
DRAWING	G No.			REV	
	3			С	

Certificate of Authorization

MORRISON HERSHFIELD No. 1736