ROAD CLOSED AT LANE

(ALLOW ACCESS TO #539 LYNDALE DR.)

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.



iled De		UMBERS INDICATE MILLIMETRE ZED NUMBERS INDICATE METR								
Deta		GAS		0	MANHOLE	•		CONCRETE PAVEMENT		LOCATION APPROVED
eets\	-M	MTS HANDWELL/PEDESTAL			CATCH BASIN/CATCH PIT			CONC SIDEWALK/MEDIAN		UNDERGROUND STRUCTURES
S She	⊕ — - ⊕	HYDRO HANDWELL/CABINET		Δ	CURB INLET WITH BOX	A		ASPHALT PAVEMENT		
βs\ξ		CATV/FIBRE OPTIC		\odot	TREE			PAVING STONE		SUPR. U/G STRUCTURES DATE
rawir	·	TRAFFIC SIGNALS/PIT		♦ TH-12	TEST HOLE			GRAVEL		NOTE:
/1 D		LAND DRAINAGE SEWER			PROPERTY LINE		_====	RAMP CURB		LOCATION OF UNDERGROUND STRUCTURES
sign		SANITARY/COMBINED SEWER		+	SURVEY BAR			PLANING/REMOVAL		AS SHOWN ARE BASED ON THE BEST
4 De		CB LEAD/SSP/DCP		××	FENCE					INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING
047\		WATERMAIN	—·—		BOC/EDGE OF PAVEMENT					UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF
160		SUBDRAIN		33.000	ELEVATION	33.333				EXISTENCE AND EXACT LOCATION OF ALL
¹roj\5	\Diamond	DITCH	-	-0-	TRAFFIC SIGN					SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING
M:\F	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	WITH CONSTRUCTION.

SIDEWALK CLOSED

ROAD CLOSED-

GBM 34-007 (NOT USED)

> EXISTING ROCKFILL COLUMNS (2013)

> > APPROXIMATE UWRL

EL 222.2 m

RED RIVER

TIMBER HANDRAIL POST-

AND STEEL PIPE RAILING

-EXISTING RAMP

EXISTING RIP RAP-

BM ELE\	34-004 V 229.873m				PROFESSIONAL'S SEAL			
					MORR	ISON HEF	RSHFIELD	J.G.
				DESIGNED BY	JGK	CHECKED BY	MVH	RE KENNEDY Member 22326
				DRAWN BY	DID	APPROVED BY	BWB	22326 PROFESSIONAL
С	ISSUED FOR TENDER	16/09/29	JGK			RELEASED FOR CONSTRUCTION		MUFESSIO
В	ISSUED FOR FINAL REVIEW	16/09/13	JGK	HOR SCALE	1:250			CONSULTANT FILE NAMI
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-02.dv	

LYNDALE DRIVE

EXISTING STREET LIGHTING-

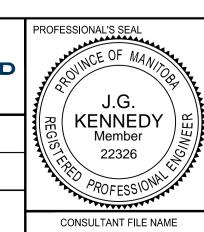
ROAD CLOSED

MAINTAIN 2.0 m PEDESTRIAN

CORRIDOR UTILIZING POLYPOSTS

STEEL H-PILES AND

TIMBER LAGGING





Winnipeg

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+170 TO STA 0+290

CITY DRAWING NUMBER							
RW751-2016-2							
SHEET		OF					
	2		32				
DRAWIN	F	REV					
	_						
	2			С			

Certificate of Authorization MORRISON HERSHFIELD

No. 1736