

APPENDIX A

PAVEMENT CORE REPORT

2023 LOCAL STREET RENEWAL PROGRAM

550-2301 Logan Avenue

Prepared for:

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Prepared by:

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June 9, 2023

HMCL Project Number: 550-2301

Introduction

H. Manalo Consulting Ltd. (HMCL) received authorization from J. Matthew Hildebrand, representing Tetra Tech, to proceed with the scope of work as described in the email dated May 31, 2023. The purpose of the work is to obtain one core sample at a transverse joint and one core sample at a mid-slab location at Logan Ave. from Keewatin St. to Dee St. in Winnipeg, MB.

Field Work Program

The investigation program was performed following the guidelines listed in the City of Winnipeg document titled Site Investigation Requirements for Public Works Street Projects. Prior to any surface work, the underground services were located. Pavement core samples were obtained on June 8, 2023. The cores were sampled using a concrete core drill equipped with a diamond tipped hollow core bit. The pavement section was backfilled with fast set concrete and asphalt cold mix. All pavement samples were returned to HMCL's laboratory for further review.

Sample Review and Data Reporting

The asphalt pavement thickness ranges from 53 mm to 55 mm and the concrete pavement thickness ranges from 208 mm to 213 mm. The details for each core as well as photos are attached below.

Closure

We appreciate the opportunity to assist you in this project. Please call the undersigned if you require further information.

Prepared by:



Mayumi Kawano
Field and Laboratory Coordinator

Reviewed by:



Paul Bevel
Manager, Field and Laboratory Services

CORE NUMBER	LOCATION	DESCRIPTION	LAYER THICKNESS	REMARKS
1	1.95 m North of the curb on EBL House 1856, Logan Ave., WPG, MB	Asphalt	55 mm	Located at joint
		Concrete	213 mm	30 mm dowel embedded in concrete



Image 1.1 Core Sample 1 showing measurements



Image 1.2 Core Sample 1 Front Elevation



Image 1.3 Core Sample 1 Rear Elevation



Image 1.4 Core Sample 1 Left Elevation



Image 1.5 Core Sample 1 Right Elevation



Image 1.6 Core Sample 1 Top Surface

CORE NUMBER	LOCATION	DESCRIPTION	LAYER THICKNESS	REMARKS
2	1.65 m North of the curb on EBL House 1860, Logan Ave., WPG, MB	Asphalt	53 mm	Core located at mid-slab
		Concrete	208 mm	



Image 2.1 Core Sample 2 showing measurements



Image 2.2 Core Sample 2 showing Elevation



Image 2.2 Core Sample 2 showing Top Surface



Image 3.0 Coring Location