

## **APPENDIX 'A' – PAVEMENT CORE REPORT**

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The geotechnical report is provided to aid in the Contractor's evaluation of the existing pavement structure and/or soil conditions. The information presented is considered accurate at the locations shown on the Drawings and at the time of drilling. However, variations in pavement structure and/or soil conditions may exist between test holes and fluctuations in groundwater levels can be expected seasonally and may occur as a result of construction activities. The nature and extent of variations may not become evident until construction commences.

### Pavement Core Report for Ellice Avenue

#### Test Hole Locations



U:\2018\777-2018\777-2018-001\2018-09-10\777-2018-001-001.dwg  
2018/09/10 10:45:30 AM  
2018/09/10 10:45:30 AM

OPEN: BERT RD 1147 - W125

30/09/2018  
12:29:01 PM

**Stantec**  
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Legend  
+ APPROXIMATE TEST HOLE LOCATION

Notes

DELOON CONSULTING LTD.  
STREET REPAIRS FOR ELLICE AVENUE  
WINNIPEG, MB  
TESTHOLE LOCATION PLAN

## Summary of Core Samples

Table 1 - Pavement Investigation for Street Renewal - Ellice Avenue from Arlington Street to Maryland Street

Testhole ID	Testhole Location	Pavement Surface		Comments
		Type	Thickness (mm)	
TH01	Ellice Avenue Westbound median lane, 34 m east of Arlington Street 6 m south of north curb	Asphalt	150	<ul style="list-style-type: none"> <li>• sound asphalt pavement from 0 to 150 mm</li> <li>• asphalt pavement not bonded to underlying concrete pavement</li> <li>• deterioration of concrete pavement from 150 to 210 mm</li> <li>• sound concrete from 210 to 300 mm</li> <li>• crushed limestone base below concrete pavement</li> </ul>
		Concrete	150	
TH02	Ellice Avenue Eastbound curb lane, 10 m east of Home Street 3 m north of south curb	Asphalt	160	<ul style="list-style-type: none"> <li>• sound asphalt pavement from 0 to 160 mm</li> <li>• asphalt pavement not bonded to underlying concrete pavement</li> <li>• deterioration of concrete pavement from 160 to 210 mm</li> <li>• sound concrete from 210 to 260 mm</li> <li>• crushed limestone base below concrete pavement</li> </ul>
		Concrete	120	
TH03	Ellice Avenue Westbound median lane, 8 m west of Simcoe Street 5.5 m south of north curb	Asphalt	180	<ul style="list-style-type: none"> <li>• sound asphalt pavement from 0 to 180 mm</li> <li>• asphalt pavement not bonded to underlying concrete pavement</li> <li>• severe deterioration of concrete pavement from 180 to 260 mm</li> <li>• sound concrete from 260 to 360 mm</li> <li>• crushed limestone base below concrete pavement</li> </ul>
		Concrete	180	
TH04	Ellice Avenue Eastbound curb lane, 54 m east of Toronto Street 3 m north of south curb	Asphalt	170	<ul style="list-style-type: none"> <li>• sound asphalt pavement from 0 to 200 mm</li> <li>• asphalt pavement not bonded to underlying concrete pavement</li> <li>• severe deterioration of concrete pavement from 200 to 260 mm</li> <li>• sound concrete from 260 to 310 mm</li> <li>• crushed limestone base below concrete pavement</li> </ul>
		Concrete	140	
TH05	Ellice Avenue Westbound curb lane, 10 m west of Toronto Street 1.25 m south of north curb	Asphalt	200	<ul style="list-style-type: none"> <li>• sound asphalt pavement from 0 to 200 mm</li> <li>• asphalt pavement not bonded to underlying concrete pavement</li> <li>• severe deterioration of concrete pavement from 200 to 305 mm</li> <li>• crushed limestone base below concrete pavement</li> </ul>
		Concrete	105	
TH06	Ellice Avenue Eastbound curb lane, 8 m east of Toronto Street 3 m north of south curb	Asphalt	140	<ul style="list-style-type: none"> <li>• sound asphalt pavement from 0 to 140 mm</li> <li>• asphalt pavement not bonded to underlying concrete pavement</li> <li>• deterioration of concrete pavement from 140 to 160 mm</li> <li>• sound concrete from 160 to 260 mm</li> <li>• crushed limestone base below concrete pavement</li> </ul>
		Concrete	120	
TH07	Ellice Avenue Westbound median lane, 16 m west of Victor Street 6 m south of north curb	Asphalt	180	<ul style="list-style-type: none"> <li>• sound asphalt pavement from 0 to 180 mm</li> <li>• asphalt pavement not bonded to underlying concrete pavement</li> <li>• severe deterioration of concrete pavement from 180 to 230mm</li> <li>• sound concrete from 230 to 360 mm</li> <li>• crushed limestone base below concrete pavement</li> </ul>
		Concrete	180	
TH08	Ellice Avenue Eastbound median lane, 15 m west of Agnes Street 6 m north of south curb	Asphalt	125	<ul style="list-style-type: none"> <li>• sound asphalt pavement from 0 to 125 mm</li> <li>• asphalt pavement bonded to underlying concrete pavement</li> <li>• sound concrete from 125 to 260 mm</li> <li>• crushed limestone base below concrete pavement</li> </ul>
		Concrete	155	
TH09	Ellice Avenue Westbound curb lane, 36 m east of Agnes Street 3 m south of north curb	Asphalt	40	<ul style="list-style-type: none"> <li>• sound asphalt pavement from 0 to 40 mm</li> <li>• asphalt pavement bonded to underlying concrete pavement</li> <li>• sound concrete from 40 to 290 mm</li> <li>• crushed limestone base below concrete pavement</li> </ul>
		Concrete	250	
TH10	Ellice Avenue Eastbound curb lane, 2 m east of Mcgee Street 3 m north of south curb	Asphalt	170	<ul style="list-style-type: none"> <li>• sound asphalt pavement from 0 to 170 mm</li> <li>• asphalt pavement not bonded to underlying concrete pavement</li> <li>• severe deterioration of concrete pavement from 170 to 270 mm</li> <li>• crushed limestone base below concrete pavement</li> </ul>
		Concrete	100	

**Pavement Core Photos**



**Figure 1 - TH01 Core**



**Figure 2 - TH02 Core**



Figure 3 - TH03 Core



Figure 4 - TH04 Core



Figure 5 - TH05 Core



Figure 6 - TH06 Core



Figure 7 - TH07 Core



Figure 8 - TH08 Core



Figure 9 - TH09 Core



Figure 10 - TH10 Core