

APPENDIX 'A'

PAVEMENT TESTHOLE REPORT

APPENDIX 'A' – PAVEMENT TESTHOLE REPORT

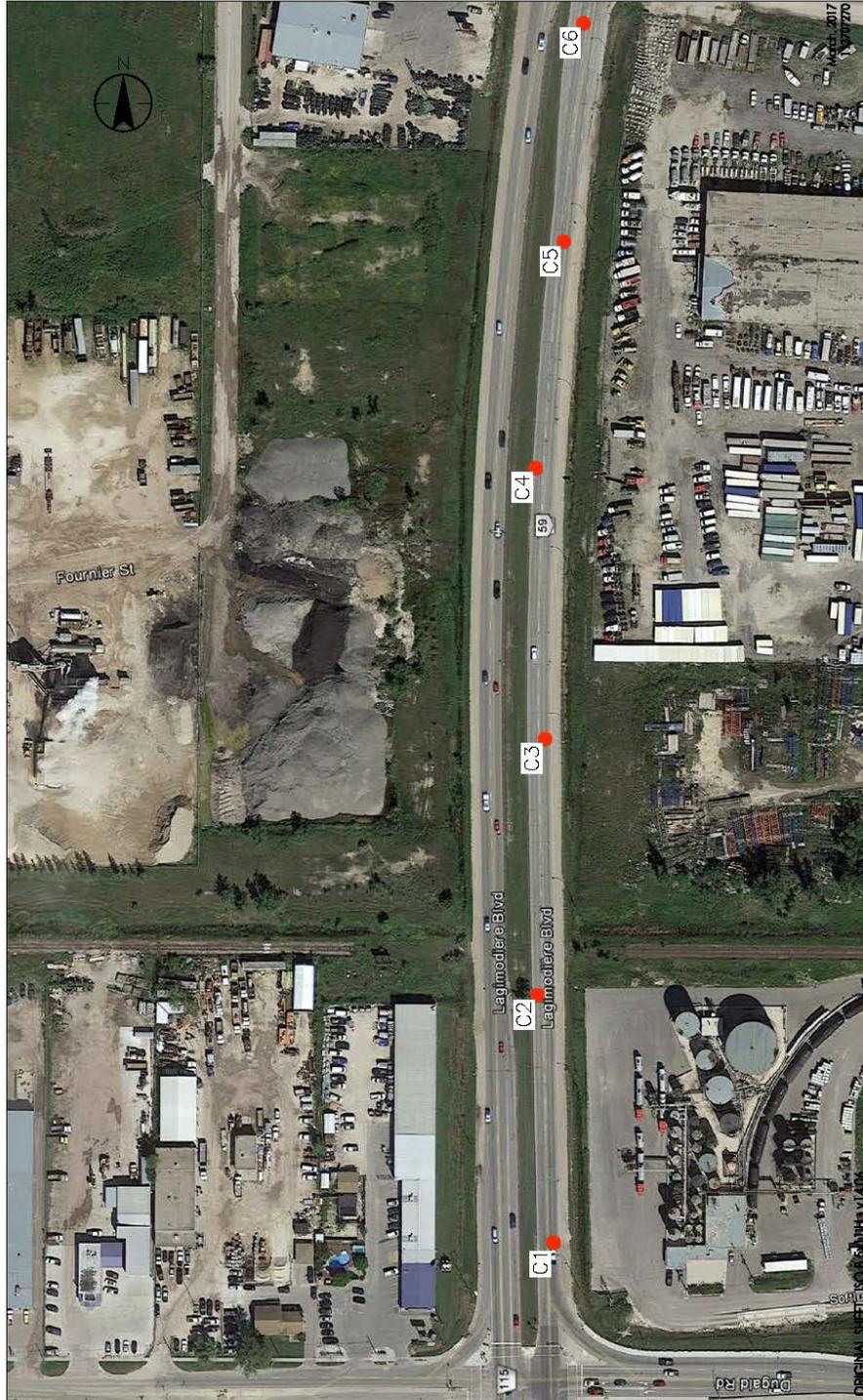
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The pavement testhole report is provided to demonstrate average pavement conditions that will be encountered during construction of the project.

Pavement Testhole Report for Lagimodiere Boulevard

Pavement Core Locations



V:\1233\active\118\270\500\drawings\0720.mll\sheet.dwg LAGIMODIERE_1
 2017/04/26 1:51 PM By: Bun, Solheda



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Legend

- ASPHALT CORE

Notes

IMAGE SOURCE:
GOOGLE EARTH

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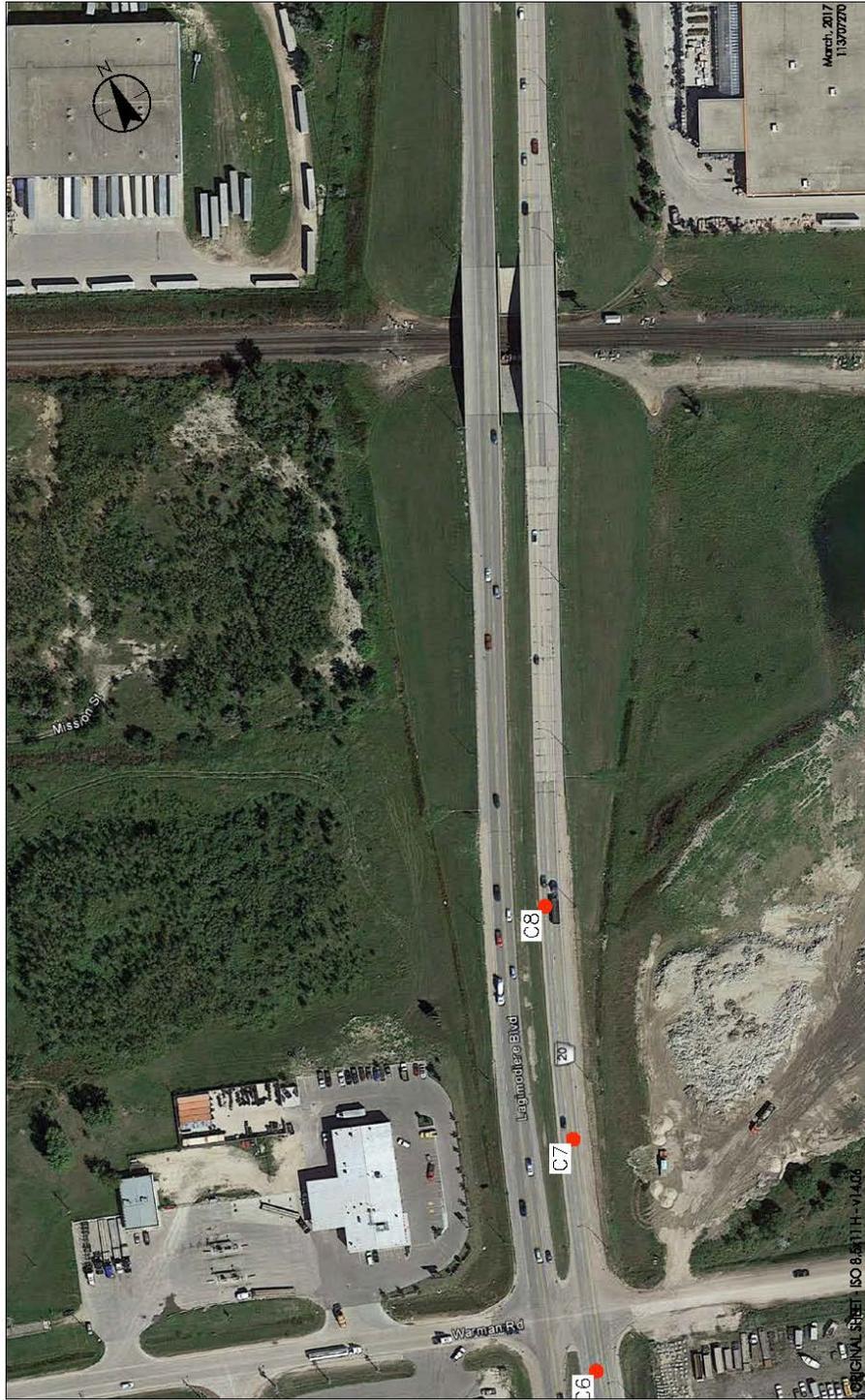
CITY OF WINNIPEG
 LAGIMODIERE BLVD. FROM DUGALD RD. TO REGENT AVE.
 WINNIPEG, MB

Figure No.

1

Title

CORING LOCATION PLAN
 LAGIMODIERE BOULEVARD



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2017/04/26 1:51 PM By: Bun. Sohier

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CITY OF WINNIPEG
LAGMODIERE BLVD. FROM DUGALD RD. TO REGENT AVE.
WINNIPEG, MB

Figure No. 2

Title
CORING LOCATION PLAN
LAGMODIERE BOULEVARD

Notes

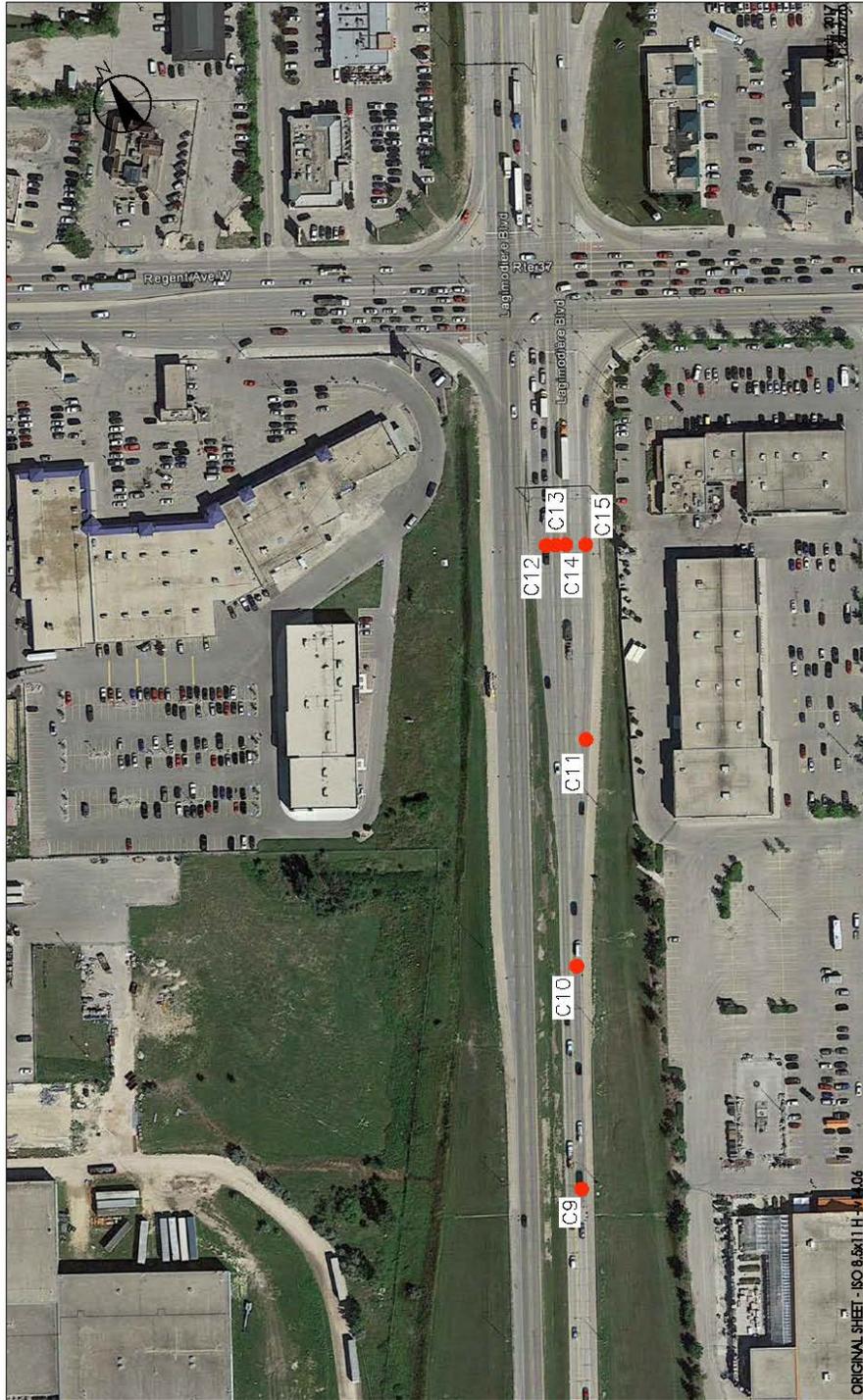
IMAGE SOURCE:
GOOGLE EARTH

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 CITY OF WINNIPEG
 LAGAMODIERE BLVD. FROM DUGALD RD. TO REGENT AVE.
 WINNIPEG, MB

Figure No. 3
 Title

**CORING LOCATION PLAN
 LAGAMODIERE BOULEVARD**

Notes
 IMAGE SOURCE:
 GOOGLE EARTH

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V:\1239\active\113707270\500\drawings\07270.mxd - sheet.dwg LAGAMODIERE_3
 2017/04/24 1:51 PM By: Bun.Solima

ORIGINAL SHEET - ISO B.6x11 H. 1:06

Summary of Core Samples



TABLE 1
PAVEMENT CORE SUMMARY
LAGIMODIÈRE BOULEVARD FROM DUGALD ROAD TO REGENT AVENUE

Core No.	Core Location	Pavement Structure Thickness (mm)		
		Asphalt	Concrete	Total
C1	Lagimodière Boulevard 47.5 m North of Northeast corner of Lagimodière Boulevard and Dugald Road 1.8 m West from East curb	85	N/A	85
C2	Lagimodière Boulevard 144.0 m North of Northeast corner of Lagimodière Boulevard and Dugald Road 6.0 m West from East curb	125	N/A	125
C3	Lagimodière Boulevard 239.0 m North of Northeast corner of Lagimodière Boulevard and Dugald Road 1.8 m West from East curb	70	N/A	70
C4	Lagimodière Boulevard 339.0 m North of Northeast corner of Lagimodière Boulevard and Dugald Road 6.0 m West from East curb	80	N/A	80
C5	Lagimodière Boulevard 95.0 m South of Southeast corner of Lagimodière Boulevard and Warman Road 1.8 m West from East curb	75	N/A	75
C6	Lagimodière Boulevard 11.0 m South of Southeast corner of Lagimodière Boulevard and Warman Road 6.0 m West from East curb	80	N/A	80
C7	Lagimodière Boulevard 60.0 m North of Northeast corner of Lagimodière Boulevard and Warman Road 1.8 m North from South curb	130	N/A	130
C8	Lagimodière Boulevard 149.0 m North of Northeast corner of Lagimodière Boulevard and Warman Road 6.0 m North from South curb	75	N/A	75
C9	Lagimodière Boulevard 326.0 m South of Southeast corner of Lagimodière Boulevard and Regent Avenue 1.8 m West from East curb	40	N/A	40
C10	Lagimodière Boulevard 242.0 m South of Southeast corner of Lagimodière Boulevard and Regent Avenue 1.8 m West from East curb	100	N/A	100
C11	Lagimodière Boulevard 154.0 m South of Southeast corner of Lagimodière Boulevard and Regent Avenue 1.8 m West from East curb	80	N/A	80
C12	Lagimodière Boulevard 82.0 m South of Southeast corner of Lagimodière Boulevard and Regent Avenue 17.5 m West from East curb	90	N/A	90
C13	Lagimodière Boulevard 82.0 m South of Southeast corner of Lagimodière Boulevard and Regent Avenue 14.0 m West from East curb	70	N/A	70
C14	Lagimodière Boulevard 82.0 m South of Southeast corner of Lagimodière Boulevard and Regent Avenue 10.5 m West from East curb	90	N/A	90
C15	Lagimodière Boulevard 82.0 m South of Southeast corner of Lagimodière Boulevard and Regent Avenue 2.0 m West from East curb	85	N/A	85

Note: Asphalt cores only.

Pavement Core Photos



Photo 1 – Core 1



Photo 2 – Core 2



Photo 3 – Core 3



Photo 4 – Core 4



Photo 5 – Core 5



Photo 6 – Core 6



Photo 7 – Core 7



Photo 8 – Core 8



Photo 9 - Core 9



Photo 10 - Core 10



Photo 11 - Core 11



Photo 12 - Core 12



Photo 13 – Core 13



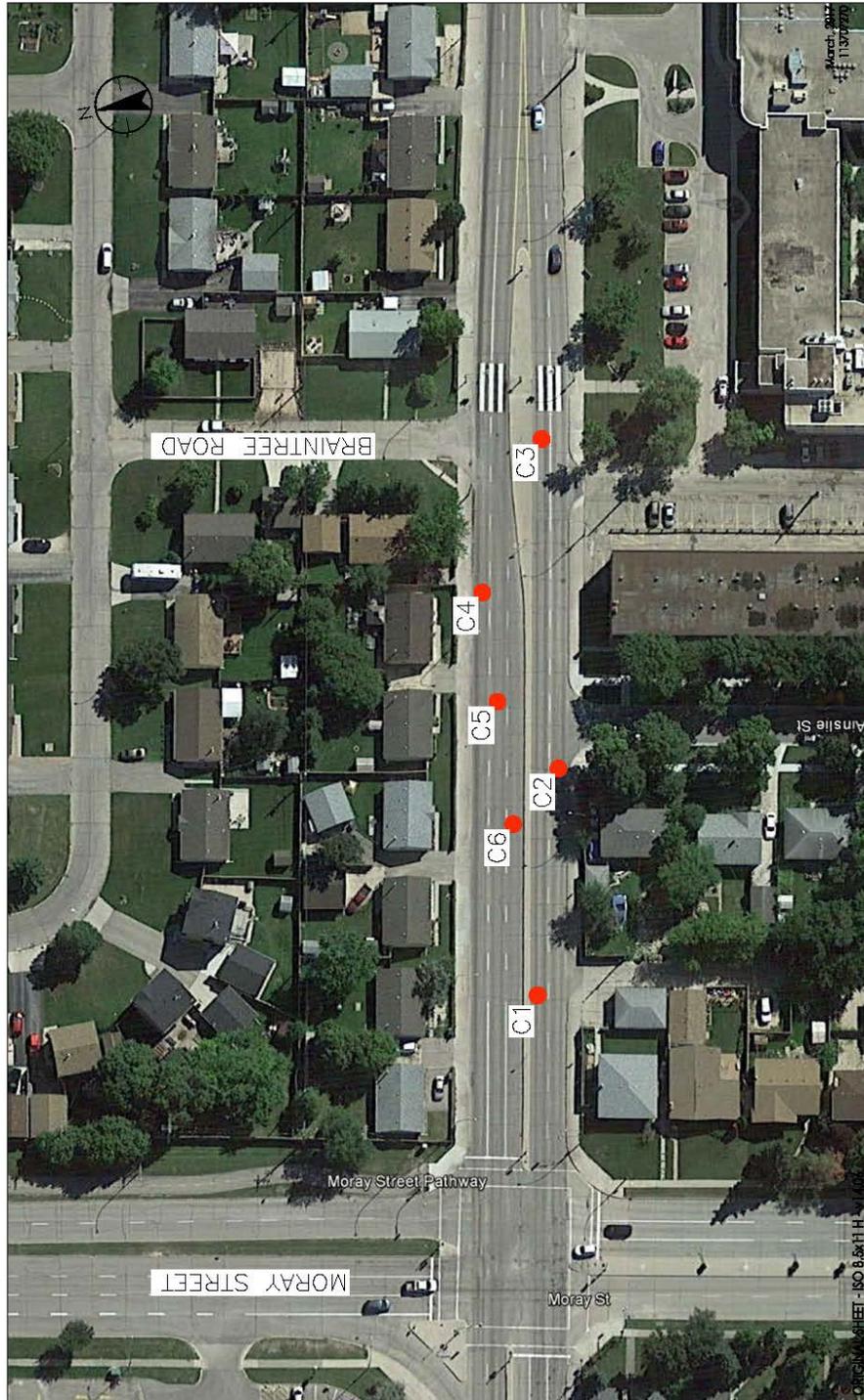
Photo 14 – Core 14



Photo 15 – Core 15

Pavement Testhole Report for Ness Avenue

Pavement Core Locations



V:\123\oc\he\1137\2720_500\drawings\0720_mill\sheet.dwg NESS
 2017/04/26 3:10 PM By: Bun, Sothea

Client/Project
 CITY OF WINNIPEG
 NESS AVE. FROM MORAY ST. TO BRAINTREE RD.
 WINNIPEG, MB

Figure No. 1
 Title

CORING LOCATION PLAN
 NESS AVENUE

Notes
 IMAGE SOURCE:
 GOOGLE EARTH

Legend
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Summary of Core Samples



TABLE 1
PAVEMENT CORE SUMMARY
NESS AVENUE FROM MORAY STREET TO BRAINTREE ROAD

Core No.	Core Location	Pavement Structure Thickness (mm)		
		Asphalt	Concrete	Total
C1	Ness Avenue 36.0 m East of Southeast corner of Ness Avenue and Moray Street 5.0 m North from South curb	130	N/A	130
C2	Ness Avenue 80.0 m East of Southeast corner of Ness Avenue and Moray Street 1.6 m North from South curb	75	N/A	75
C3	Ness Avenue 50.5 m East of Southeast corner of Ness Avenue and Moray Street 5.0 m North from South curb	150	N/A	150
C4	Ness Avenue 29.0 m West of Northwest corner of Braintree Road and Ness Avenue 1.6 m South from North curb	130	N/A	130
C5	Ness Avenue 51.0 m West of Northwest corner of Braintree Road and Ness Avenue 5.2 m South from North curb	245	N/A	245
C6	Ness Avenue 70.0 West of Northwest corner of Braintree Road and Ness Avenue 8.5 m South from North curb	110	N/A	110

Note: Asphalt cores only.

Pavement Core Photos



Photo 1 – Core 1



Photo 2 – Core 2



Photo 3 – Core 3



Photo 4 – Core 4



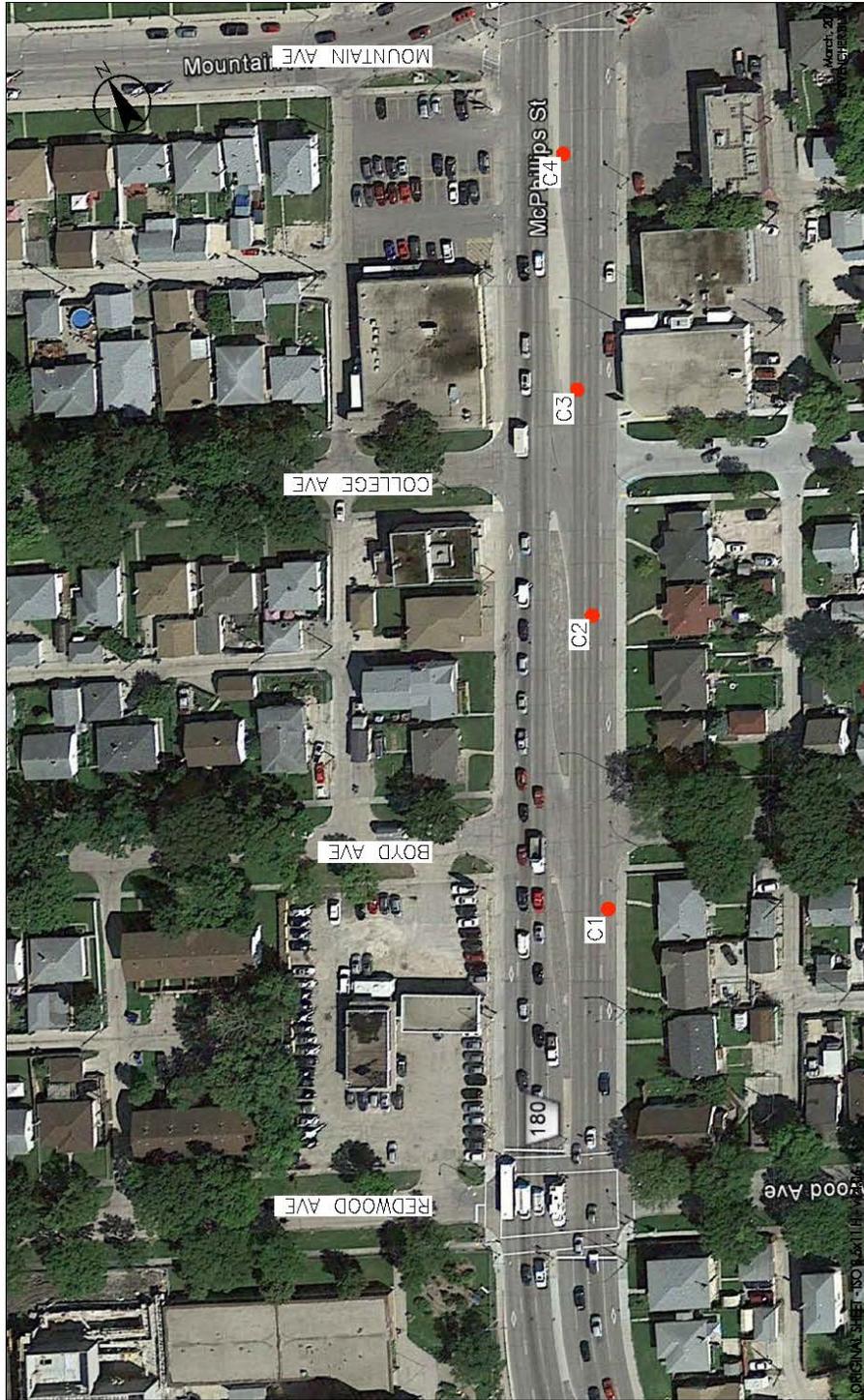
Photo 5 – Core 5



Photo 6 – Core 6

Pavement Testhole Report for McPhillips Street Northbound

Pavement Core Locations



V:\123\oc\1119\2017\20170317\00\Drawings\07270.mtl\18.streets.dwg McPhillips NB
 2017/04/26 2:27 PM By: Bun, Sothieo

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 CITY OF WINNIPEG
 MCPHILLIPS ST. FROM REDWOOD AVE. TO COLLEGE AVE.
 WINNIPEG, MB

Figure No.
 1

Title
 CORING LOCATION PLAN
 MCPHILLIPS ST. NORTHBOUND

Notes
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Summary of Core Samples



TABLE 1
PAVEMENT CORE SUMMARY
McPHILLIPS STREET FROM REDWOOD AVENUE TO COLLEGE AVENUE

Core No.	Core Location	Pavement Structure Thickness (mm)		
		Asphalt	Concrete	Total
C1	McPhillips Street (Northbound) 13.5 m South of Southeast corner of McPhillips Street and Boyd Avenue 1.0 m West from East curb	120	N/A	120
C2	McPhillips Street (Northbound) 43.5 m North of Northeast corner of McPhillips Street and Boyd Avenue 4.5 m West from East curb	85	N/A	85
C3	McPhillips Street (Northbound) 12.0 m North of Northeast corner of McPhillips Street and College Avenue 8.5 m West from East curb	190	N/A	190
C4	McPhillips Street (Northbound) 68.0 m North of Northeast corner of McPhillips Street and College Avenue 11.0 m West from East curb	130	N/A	130

Note: Asphalt cores only.

Pavement Core Photos



Photo 1 – Core 1



Photo 2 – Core 2



Photo 3 – Core 3



Photo 4 – Core 4

Pavement Testhole Report for McPhillips Street Southbound

Pavement Core Locations



V:\1235\active\11307270500\drawings\07270.mxd McPhillips St
 2017/04/26 2:27 PM By: Bun, Sothea

Client/Project
 CITY OF WINNIPEG
 MCPHILLIPS ST. FROM MOUNTAIN AVE. TO REDWOOD AVE.
 WINNIPEG, MB

Figure No. 1

Title
 CORING LOCATION PLAN
 MCPHILLIPS ST. SOUTHBOUND

Notes
 IMAGE SOURCE:
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Legend

- ASPHALT CORE

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Summary of Core Samples



TABLE 1
PAVEMENT CORE SUMMARY
McPHILLIPS STREET FROM MOUNTAIN AVENUE TO REDWOOD AVENUE

Core No.	Core Location	Pavement Structure Thickness (mm)		
		Asphalt	Concrete	Total
C1	McPhillips Street (Southbound) 28.5 m North of Northwest corner of McPhillips Street and College Avenue 1.6 m East from West curb	90	N/A	90
C2	McPhillips Street (Southbound) 10.0 m South of Southwest corner of McPhillips Street and College Avenue 4.7 m East from West curb	90	N/A	90
C3	McPhillips Street (Southbound) 8.0 m North of Northwest corner of McPhillips Street and Boyd Avenue 10.5 m East from West curb	150	N/A	150

Note: Asphalt cores only.

Pavement Core Photos



Photo 1 – Core 1



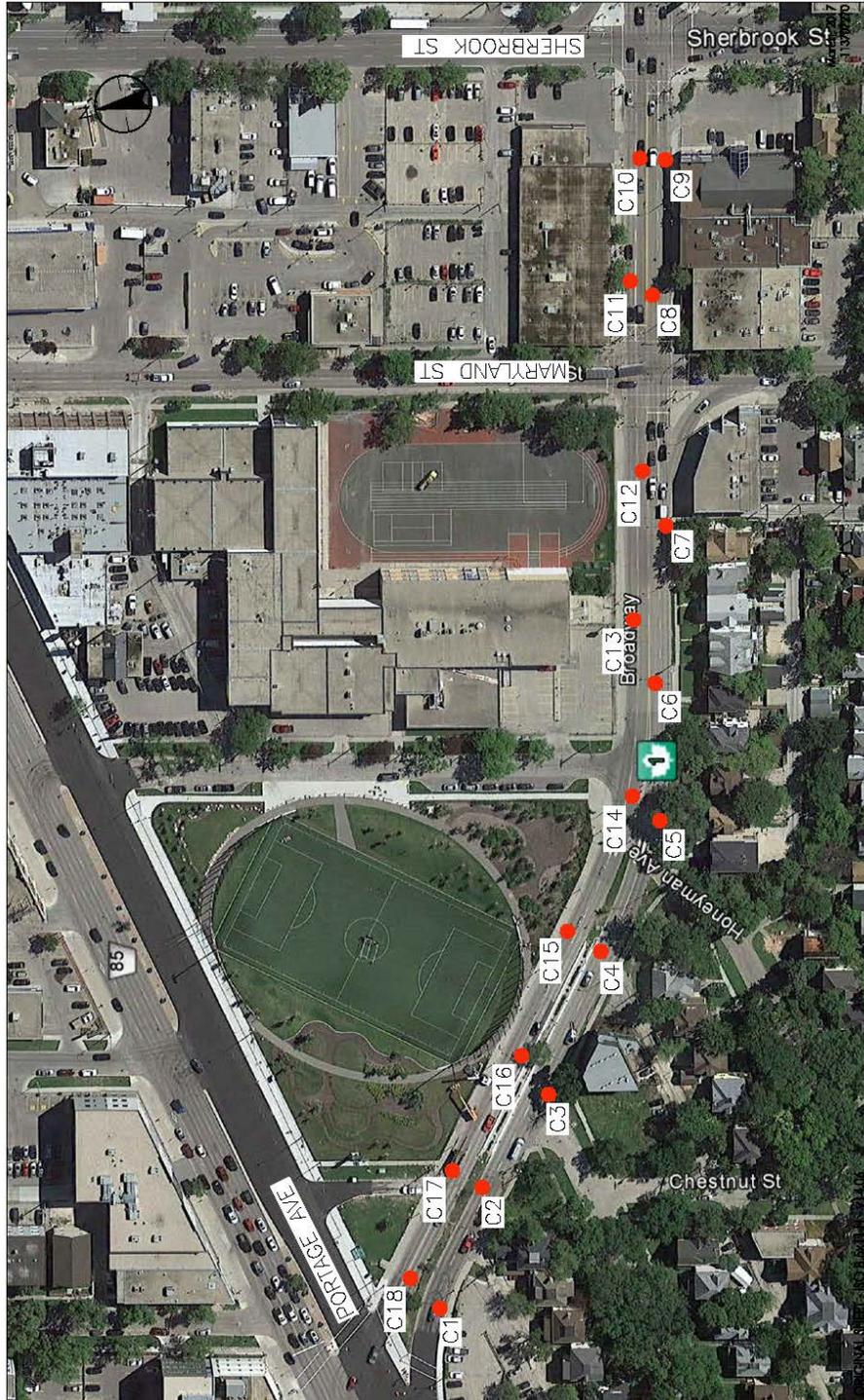
Photo 2 – Core 2



Photo 3 – Core 3

Pavement Testhole Report for Broadway

Pavement Core Locations



V:\1233\oc\h\11370720_500\dw\hgh\07270.mxd Streets.dwg BROADWAY
 2017/04/26 1:38 PM By: Bun. Sothie

Client/Project
 CITY OF WINNIPEG
 BROADWAY FROM SHERBROOK ST TO PORTAGE AVE
 WINNIPEG, MB
 Figure No. 1
 Title
**CORING LOCATION PLAN
 BROADWAY**

Notes
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Summary of Core Samples



TABLE 1
PAVEMENT CORE SUMMARY
BROADWAY FROM PORTAGE AVENUE TO SHERBROOK STREET

Core No.	Core Location	Pavement Structure Thickness (mm)		
		Asphalt	Concrete	Total
C1	Broadway 63.0 m West of Southwest corner of Broadway and Picardi Place 1.6 m North from South curb	30	N/A	30
C2	Broadway 22.0 m West of Southwest corner of Broadway and Picardi Place 5.5 m North from South curb	50	N/A	50
C3	Broadway 0.1 m West of Southeast corner of Broadway and Picardi Place 1.6 m North from South curb	75	N/A	75
C4	Broadway 50.0 m East of Southeast corner of Broadway and Picardi Place 5.5 m North from South curb	40	N/A	40
C5	Broadway 11.5 m East of Southeast corner of Broadway and Honeyman Avenue 1.6 m North from South curb	85	N/A	85
C6	Broadway 88.5 m West of Southwest corner of Broadway and Maryland Street 5.5 m North from South curb	50	N/A	50
C7	Broadway 44.0 m West of Southwest corner of Broadway and Maryland Street 1.6 m North from South curb	65	N/A	65
C8	Broadway 10.0 m East of Southeast corner of Broadway and Maryland Street 5.5 m North from South curb	100	N/A	100
C9	Broadway 30.5 m West of Southwest corner of Broadway and Sherbrook Street 1.6 m North from South curb	45	N/A	45
C10	Broadway 30.0 m West of Northwest corner of Broadway and Sherbrook Street 5.5 m South from North curb	80	N/A	80
C11	Broadway 22.0 m West of Northeast corner of Broadway and Maryland Street 1.6 m South from North curb	105	N/A	105
C12	Broadway 24.0 m West of Northwest corner of Broadway and Maryland Street 5.5 m South from North curb	50	N/A	50
C13	Broadway 46.0 m West of Northwest corner of Broadway and Maryland Street 1.5 m South from North curb	55	N/A	55
C14	Broadway 5.0 m West of Northwest corner of Broadway and Borrowman Place 5.5 m South from North curb	95	N/A	95
C15	Broadway 49.0 m West of Northwest corner of Broadway and Borrowman Place 1.5 m South from North curb	55	N/A	55



TABLE 1
PAVEMENT CORE SUMMARY
BROADWAY FROM PORTAGE AVENUE TO SHERBROOK STREET

Core No.	Core Location	Pavement Structure Thickness (mm)		
		Asphalt	Concrete	Total
C16	Broadway 92.5 m East of Northeast corner of Broadway and Portage Avenue 5.5 m South from North curb	65	N/A	65
C17	Broadway 49.0 m East of Northeast corner of Broadway and Portage Avenue 1.5 m South from North curb	90	N/A	90
C18	Broadway 13.5 m East of Northeast corner of Broadway and Portage Avenue 5.5 m South from North curb	45	N/A	45

Note: Asphalt cores only.

Pavement Core Photos



Photo 1 – Core 1



Photo 2 – Core 2



Photo 3 – Core 3



Photo 4 – Core 4



Photo 5 – Core 5



Photo 6 – Core 6



Photo 7 – Core 7



Photo 8 – Core 8



Photo 9 – Core 9



Photo 10 – Core 10



Photo 11 – Core 11



Photo 12 – Core 12



Photo 13 - Core 13



Photo 14 - Core 14



Photo 15 - Core 15



Photo 16 - Core 16



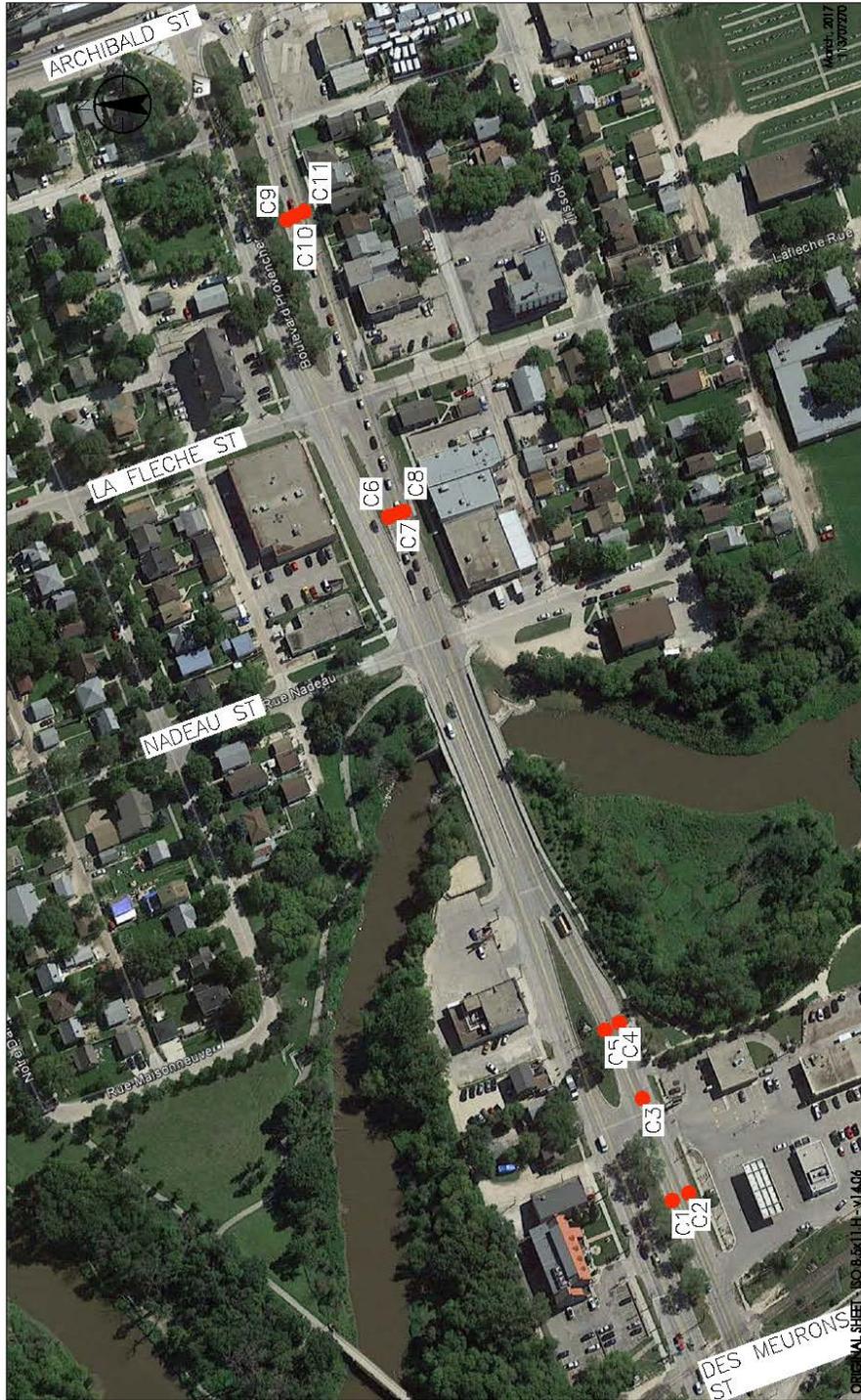
Photo 17 - Core 17



Photo 18 - Core 18

Pavement Testhole Report for Provencher Boulevard

Pavement Core Locations



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Client/Project
 CITY OF WINNIPEG
 PROVENCHER BLVD. FROM RRY TO ARCHIBALD ST.
 WINNIPEG, MB

Figure No. 1
Title CORING LOCATION PLAN
 PROVENCHER BOULEVARD

Notes
 IMAGE SOURCE:
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Legend
 FULL PAVEMENT
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Summary of Core Samples



TABLE 1
PAVEMENT CORE SUMMARY
PROVENCHER BOULEVARD FROM RRX TO ARCHIBALD STREET

Core No.	Core Location	Pavement Structure Thickness (mm)		
		Asphalt	Concrete	Total
C1	Provencher Boulevard 73.0 m East of Southeast corner of Provencher Boulevard and Des Meurons Street 8.5 m North from South curb	75	165	240
C2	Provencher Boulevard 73.0 m East of Southeast corner of Provencher Boulevard and Des Meurons Street 1.6 m North from South curb	70	180	250
C3	Provencher Boulevard 115.0 m East of Southeast corner of Provencher Boulevard and Des Meurons Street 5.0 m North from South curb	65	185	250
C4	Provencher Boulevard 143.0 m East of Southeast corner of Provencher Boulevard and Des Meurons Street 1.6 m North from South curb	75	175	250
C5	Provencher Boulevard 143.0 m East of Southeast corner of Provencher Boulevard and Des Meurons Street 8.5 m North from South curb	85	170	255
C6	Provencher Boulevard 50.0 m East of Southeast corner of Provencher Boulevard and Rue Nadeau 8.5 m North from South curb	55	160	215
C7	Provencher Boulevard 50.0 m East of Southeast corner of Provencher Boulevard and Rue Nadeau 5.0 m North from South curb	50	195	245
C8	Provencher Boulevard 50.0 m East of Southeast corner of Provencher Boulevard and Rue Nadeau 1.6 m North from South curb	65	165	230
C9	Provencher Boulevard 75.5 m East of Southeast corner of Provencher Boulevard and La Fleche Street 8.5 m North from South curb	90	205	295
C10	Provencher Boulevard 75.5 m East of Southeast corner of Provencher Boulevard and La Fleche Street 5.0 m North from South curb	75	195	270
C11	Provencher Boulevard 75.5 m East of Southeast corner of Provencher Boulevard and La Fleche Street 1.6 m North from South curb	95	200	295

Pavement Core Photos



Photo 1 – Core 1



Photo 2 – Core 2



Photo 3 – Core 3



Photo 4 – Core 4



Photo 5 - Core 5



Photo 6 - Core 6



Photo 7 - Core 7



Photo 8 - Core 8



Photo 9 – Core 9



Photo 10 – Core 10



Photo 11 – Core 11