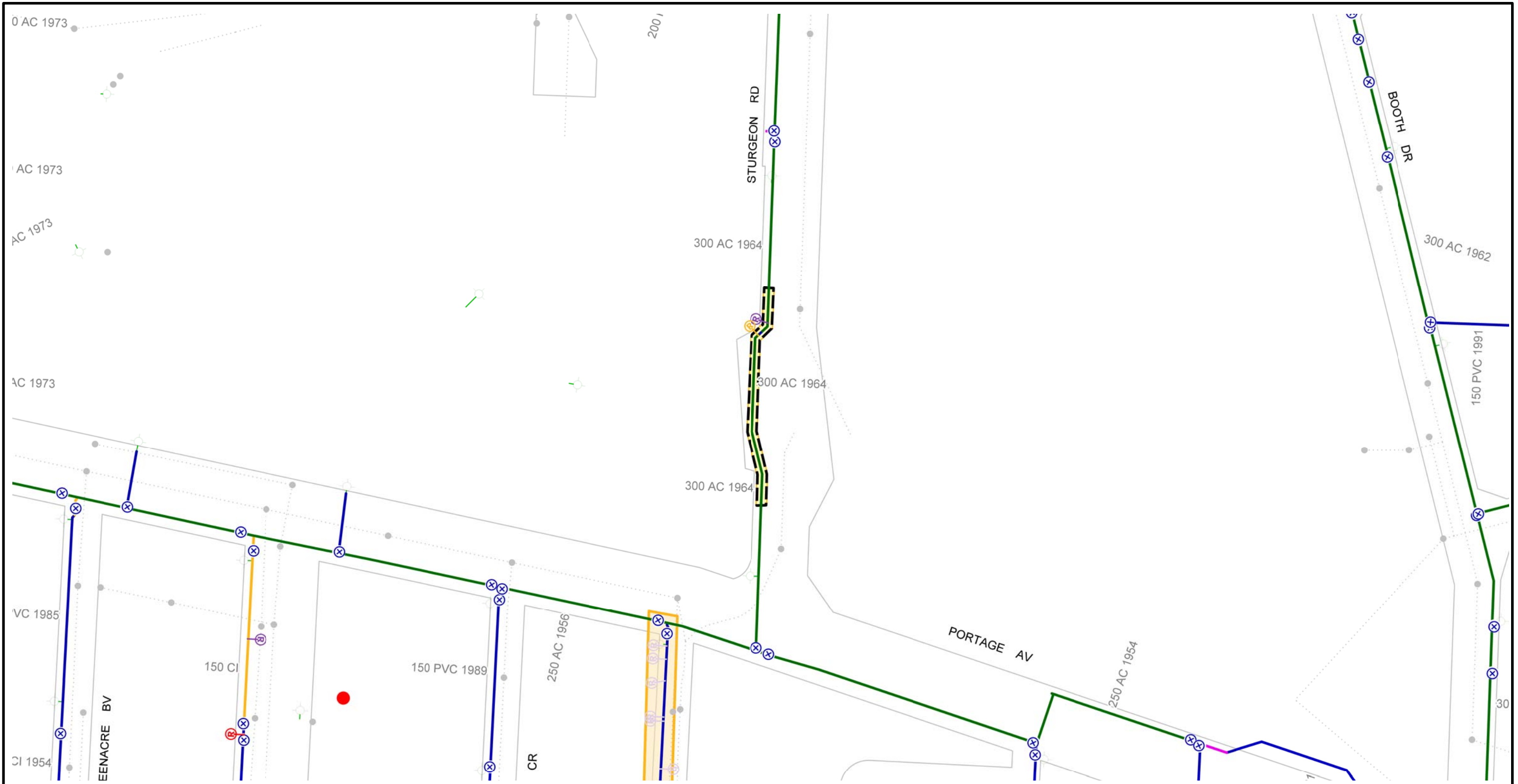


**APPENDIX C – WATERMAIN RENEWAL LOCATIONS SKETCHES**

Sketches for HOME ST., LOGAN AVE., ISABEL ST., RIVER AVE., & STUREGEON RD.




CI WM	REPAIR 5 - 15 YRS - ABANDON	FEEDERMAIN	PROJECTS - 2015
PVC WM	REPAIR > 15 YRS	AQUEDUCT	HISTORICAL PROJECTS
AC WM	REPAIR > 15 YRS - ABANDON	MANHOLE	2015 PWD PROJECT - LOCAL
UNKNOWN MATERIAL	VALVES	SEWERS	2015 PWD PROJECT - REGION
REPAIR < 5 YRS	2014 FROZEN SERVICES	RAILWAY	CATHODIC PROTECTION
REPAIR < 5 YRS - ABANDON	HYDRANT	SCHOOL PARCELS	FIRE PROTECTION UPGRADE
REPAIR 5 - 15 YRS	HYDRANT BRANCH		

Additional Notes:

N

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**CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT  
2015 WATERMAIN RENEWAL PROGRAM**


Location ID: 33	Street: STURGEON RD
Location Description: UNDER CREEK, MID-BLOCK BETWEEN PORTAGE AV AND BOOTH DR	
Scale: 1:2000	Renewal Type: WATER SERVICES



CI WM	REPAIR 5 - 15 YRS - ABANDON	FEEDERMAIN	PROJECTS - 2015
PVC WM	REPAIR > 15 YRS	AQUEDUCT	HISTORICAL PROJECTS
AC WM	REPAIR > 15 YRS - ABANDON	MANHOLE	2015 PWD PROJECT - LOCAL
UNKNOWN MATERIAL	VALVES	SEWERS	2015 PWD PROJECT - REGION
REPAIR < 5 YRS	2014 FROZEN SERVICES	RAILWAY	CATHODIC PROTECTION
REPAIR < 5 YRS - ABANDON	HYDRANT	SCHOOL PARCELS	FIRE PROTECTION UPGRADE
REPAIR 5 - 15 YRS	HYDRANT BRANCH		

Additional Notes:  
 Upsize to 250mm on River. Add 250mm on Harkness from River to Bell. School Nearby.

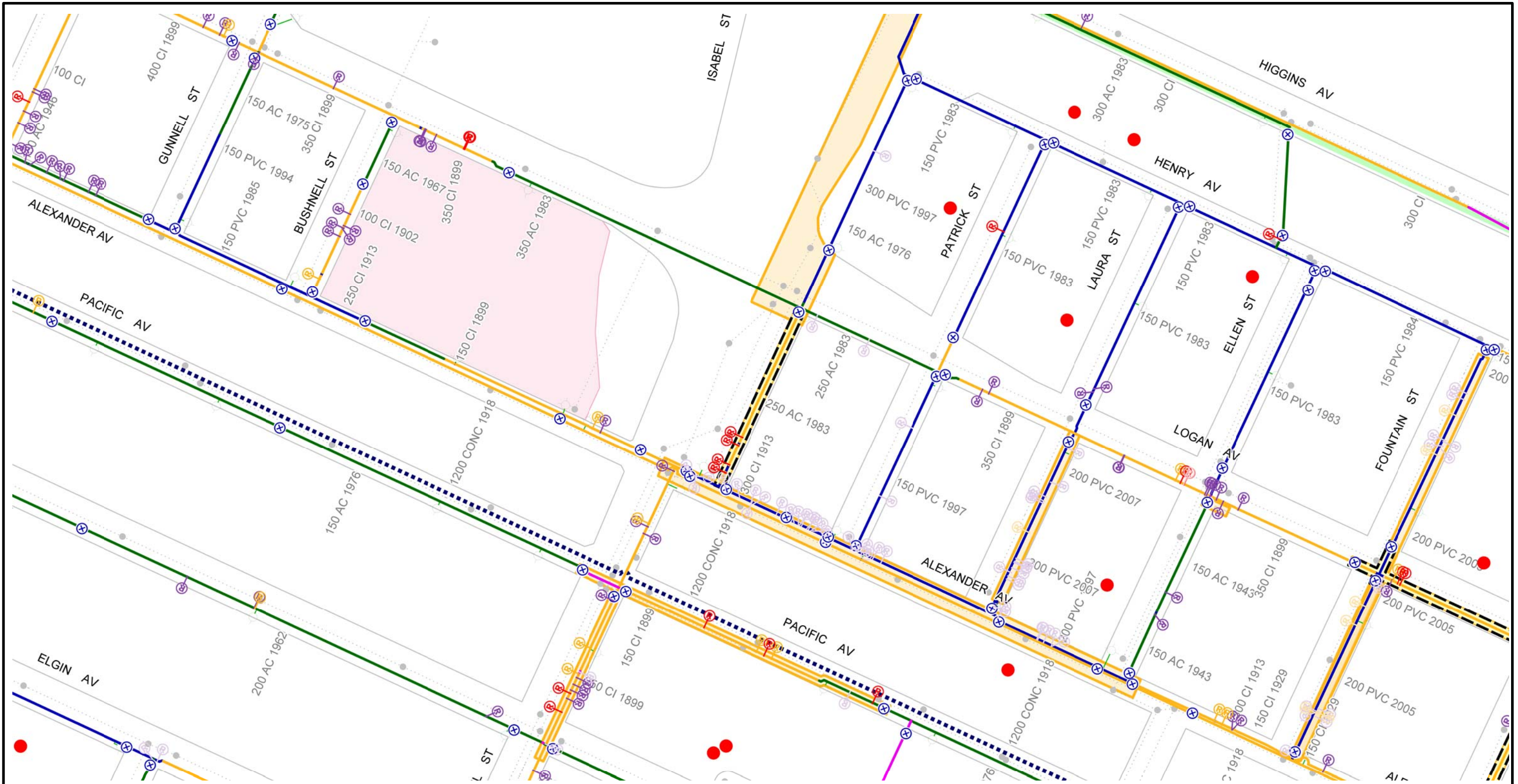
Printed: 10/28/2014



**CITY OF WINNIPEG  
 WATER AND WASTE DEPARTMENT  
 2015 WATERMAIN RENEWAL PROGRAM**

Location ID: 32	Street: RIVER AV
Location Description:	MID-BLOCK W OF HARKNESS ST TO MID-BLOCK E OF HARKNESS AT
Scale: 1:2000	Renewal Type: WATER SERVICES/ WATER PLANNING





CI WM	REPAIR 5 - 15 YRS - ABANDON	FEEDERMAIN	PROJECTS - 2015
PVC WM	REPAIR > 15 YRS	AQUEDUCT	HISTORICAL PROJECTS
AC WM	REPAIR > 15 YRS - ABANDON	MANHOLE	2015 PWD PROJECT - LOCAL
UNKNOWN MATERIAL	VALVES	SEWERS	2015 PWD PROJECT - REGION
REPAIR < 5 YRS	2014 FROZEN SERVICES	RAILWAY	CATHODIC PROTECTION
REPAIR < 5 YRS - ABANDON	HYDRANT	SCHOOL PARCELS	FIRE PROTECTION UPGRADE
REPAIR 5 - 15 YRS	HYDRANT BRANCH		

Additional Notes:  
Across Isabel from School

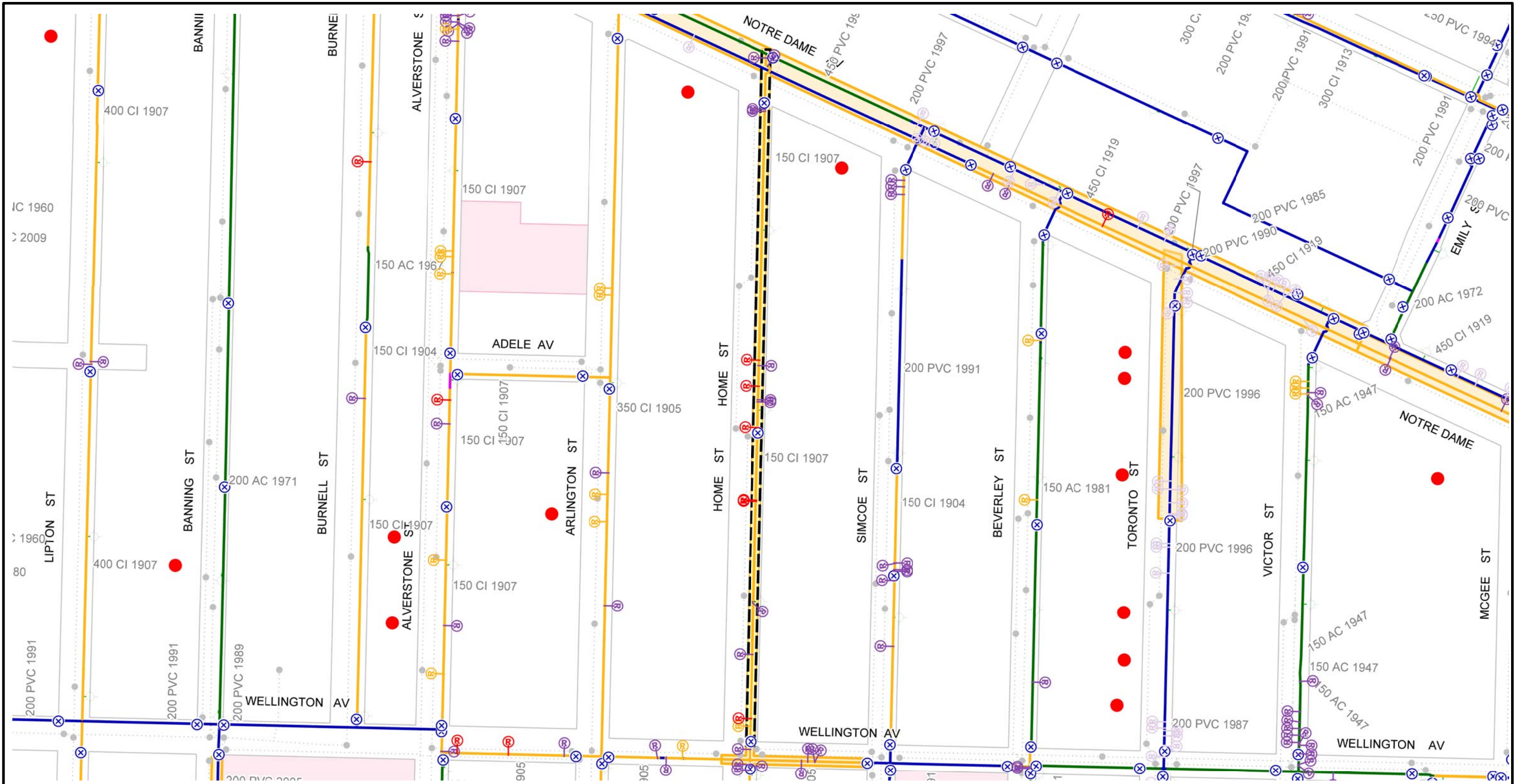


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### CITY OF WINNIPEG WATER AND WASTE DEPARTMENT 2015 WATERMAIN RENEWAL PROGRAM

Location ID: 22	Street: ISABEL ST
Location Description: LOGAN AV TO ALEXANDER AV	
Scale: 1:2000	Renewal Type: REPAIR COUNT/ WATER SERVICES





CI WM	REPAIR 5 - 15 YRS - ABANDON	FEEDERMAIN	PROJECTS - 2015
PVC WM	REPAIR > 15 YRS	AQUEDUCT	HISTORICAL PROJECTS
AC WM	REPAIR > 15 YRS - ABANDON	MANHOLE	2015 PWD PROJECT - LOCAL
UNKNOWN MATERIAL	VALVES	SEWERS	2015 PWD PROJECT - REGION
REPAIR < 5 YRS	2014 FROZEN SERVICES	RAILWAY	CATHODIC PROTECTION
REPAIR < 5 YRS - ABANDON	HYDRANT	SCHOOL PARCELS	FIRE PROTECTION UPGRADE
REPAIR 5 - 15 YRS	HYDRANT BRANCH		

Additional Notes:  
Upsize to 200mm.  
Additional hydrant required.



**CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT  
2015 WATERMAIN RENEWAL PROGRAM**

Location ID: 12      Street: HOME ST  
Location Description: WELLINGTON AV TO NOTRE DAME AV  
Scale: 1:2200      Renewal Type: REPAIR COUNT





CI WM	REPAIR 5 - 15 YRS - ABANDON	FEEDERMAIN	PROJECTS - 2015
PVC WM	REPAIR > 15 YRS	AQUEDUCT	HISTORICAL PROJECTS
AC WM	REPAIR > 15 YRS - ABANDON	MANHOLE	2015 PWD PROJECT - LOCAL
UNKNOWN MATERIAL	VALVES	SEWERS	2015 PWD PROJECT - REGION
REPAIR < 5 YRS	2014 FROZEN SERVICES	RAILWAY	CATHODIC PROTECTION
REPAIR < 5 YRS - ABANDON	HYDRANT	SCHOOL PARCELS	FIRE PROTECTION UPGRADE
REPAIR 5 - 15 YRS	HYDRANT BRANCH		

Additional Notes:

N

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**CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT  
2015 WATERMAIN RENEWAL PROGRAM**

Location ID: 10	Street: GATEWAY RD
Location Description: PRINCE RUPERT AV TO FLEMING AV	
Scale: 1:2000	Renewal Type: REPAIR COUNT