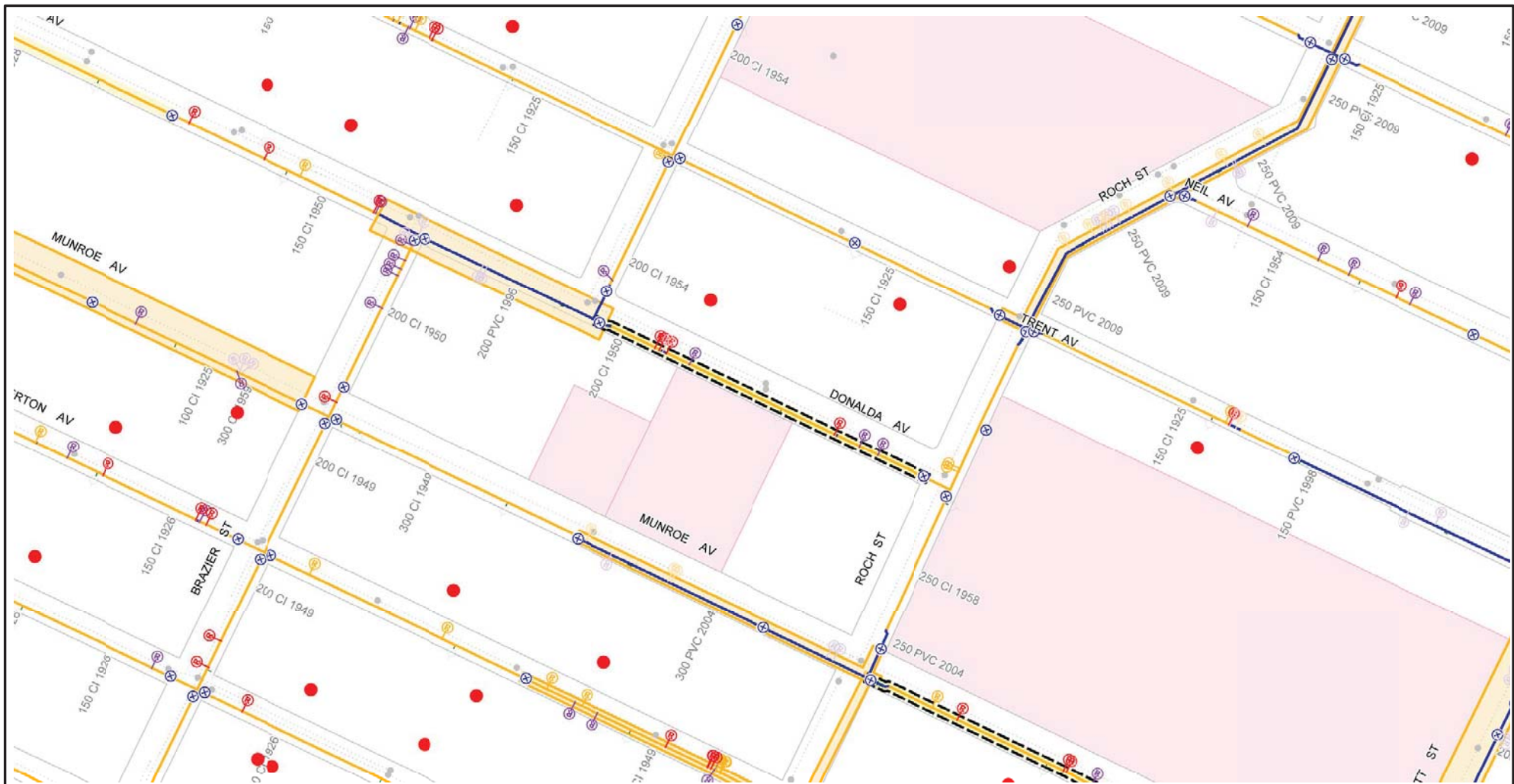


APPENDIX C – WATER MAIN RENEWAL LOCATION SKETCHES

Sketches for Donalda Ave, Greene Ave, Munroe Ave, Rothesay St/Hawthorne Ave/Cheriton Ave



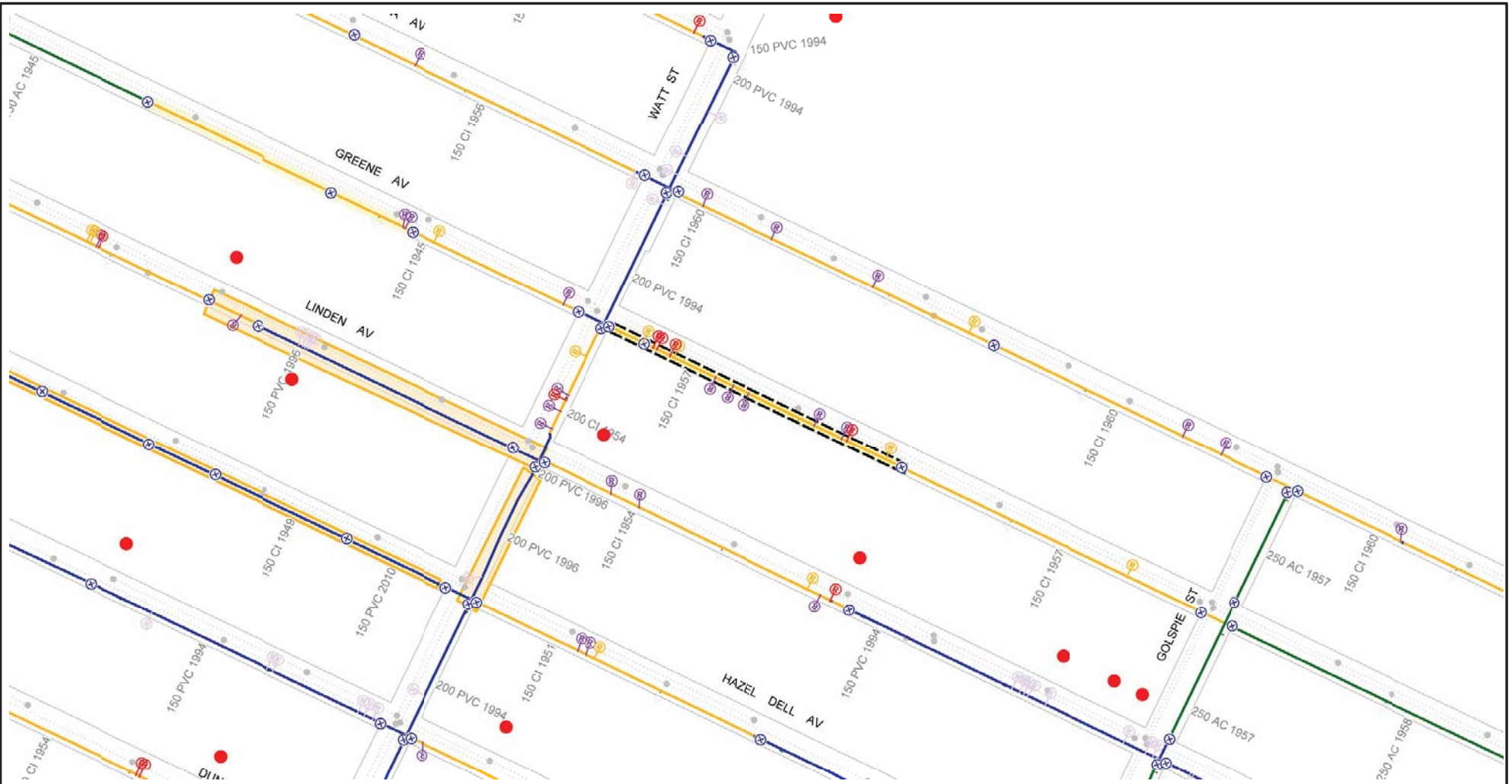
CI WM	REPAIR < 5 YRS - ABANDON	FEEDERMAIN	PROJECTS - 2015
PVC WM	REPAIR > 15 YRS	AQUEDUCT	HISTORICAL PROJECTS
AC WM	REPAIR > 15 YRS - ABANDON	MANHOLE	2015 PWD PROJECT - LOCAL
UNKNOWN MATERIAL	VALVES	SEWERS	2015 PWD PROJECT - REGION
REPAIR < 5 YRS	2014 FROZEN SERVICES	RAILWAY	CATHODIC PROTECTION
REPAIR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

Additional Notes:
 -Proximity to school
 -200mm ok.
 -add 1 hydrant
 -frozen service replacement required at 319 Donaldal

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CITY OF WINNIPEG WATER AND WASTE DEPARTMENT 2016 WATERMAIN RENEWAL PROGRAM	
Location ID: 11	Street: DONALDA AVE
Location Description: BRAZIER ST TO ROCH ST	
Scale: 1:2000	Renewal Type: REPAIR COUNT



CI WM	REPAIR < 5 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:
 -150mm ok.
 -Add 1 hydrant.



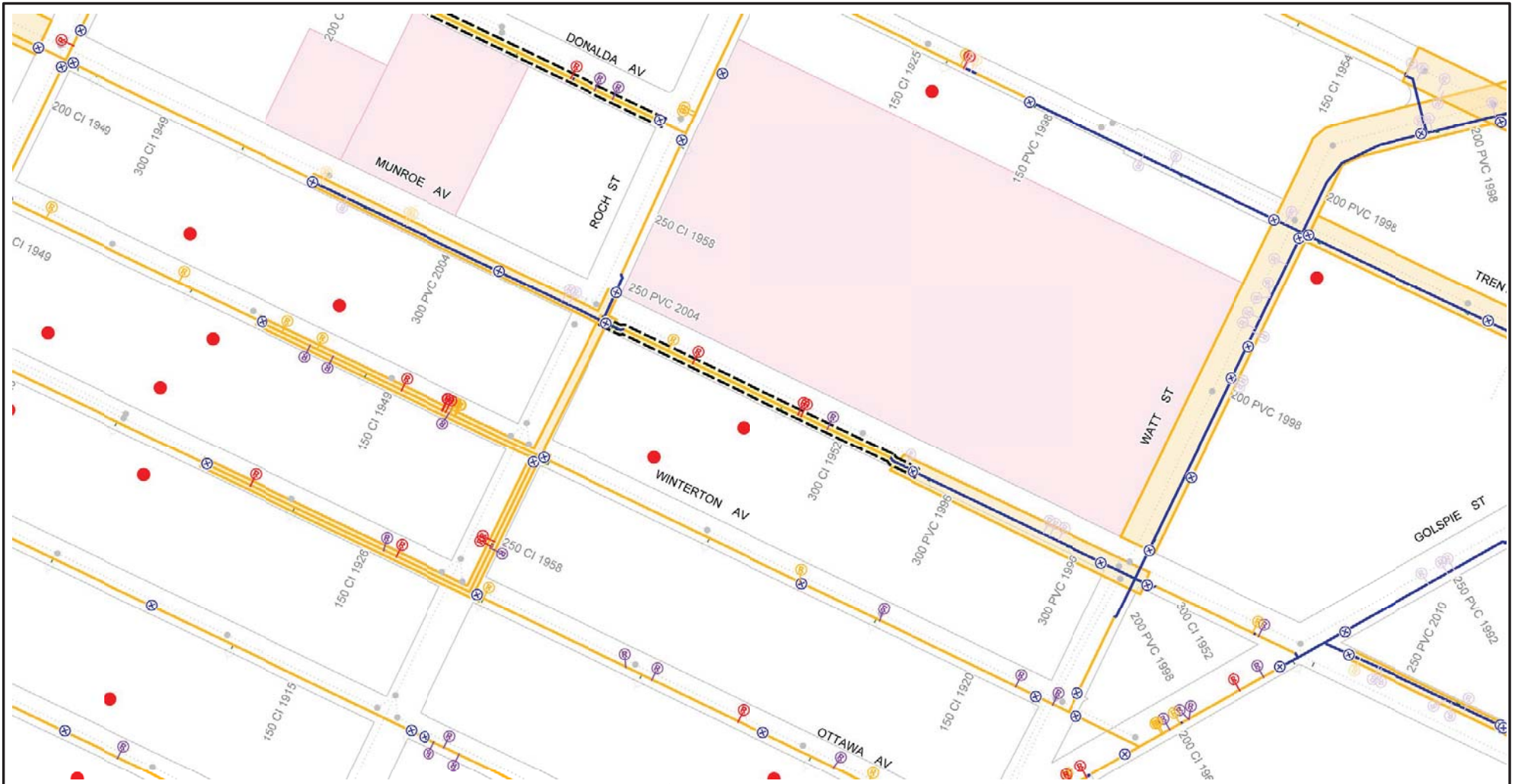
CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
2016 WATERMAIN RENEWAL PROGRAM

Location ID: 15 Street: GREENE AVE

Location Description: WATT ST TO MID-BLOCK E

Scale: 1:2000 Renewal Type: REPAIR COUNT

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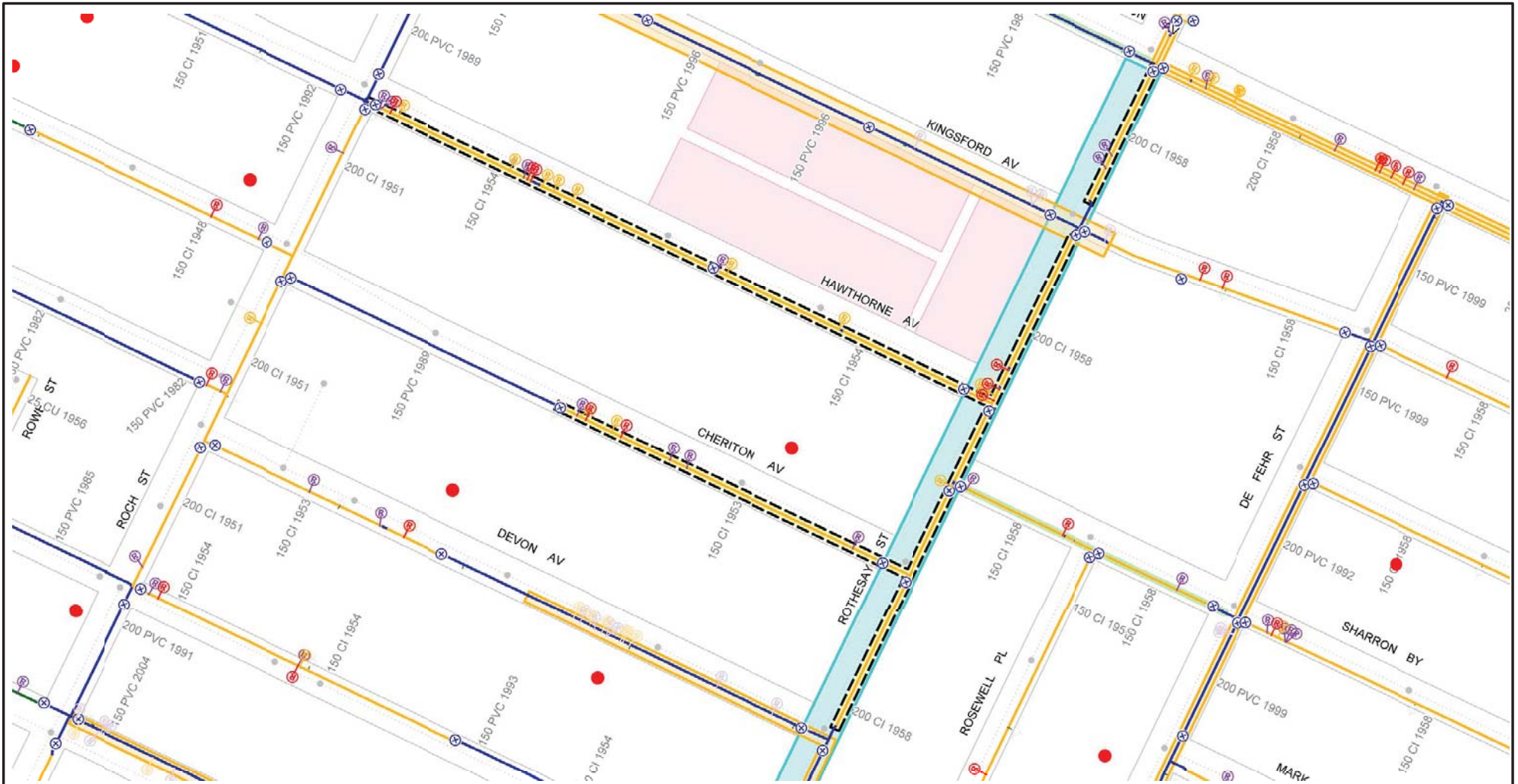
CI WM	REPAIR < 5 YRS - ABANDON	FEEDER MAIN	PROJECTS - 2015
PVC WM	REPAIR > 15 YRS	AQUEDUCT	HISTORICAL PROJECTS
AC WM	REPAIR > 15 YRS - ABANDON	MANHOLE	2015 PWD PROJECT - LOCAL
UNKNOWN MATERIAL	VALVES	SEWERS	2015 PWD PROJECT - REGION
REPAIR < 5 YRS	2014 FROZEN SERVICES	RAILWAY	CATHODIC PROTECTION
REPAIR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

Additional Notes:
 -Proximity to school
 -300mm ok
 -Lead service replacment required at 423 Munroe Ave



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CITY OF WINNIPEG WATER AND WASTE DEPARTMENT 2016 WATERMAIN RENEWAL PROGRAM	
Location ID: 24	Street: MUNROE AVE
Location Description: ROCH ST TO MID-BLOCK E	
Scale: 1:2000	Renewal Type: REPAIR COUNT



CI WM	REPAIR < 5 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:
 -Proximity to school
 -Rothesay St 200mm,
 -Hawthorne Ave 150mm
 -Cheriton Ave 150mm, and add 1 hydrant
 -frozen service replacement required at 379 cheriton

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WATER AND WASTE DEPARTMENT
2016 WATERMAIN RENEWAL PROGRAM

Location ID: 41	Street: ROTHESAY ST/HAWTHORNE AVE/ CHERITON AVE
Location Description: EDISON AVE TO MCLEOD AVE/ ROCH ST TO ROTHESAY ST	
Scale: 1:2000	Renewal Type: PWD-LOCAL/REPAIR COUNT