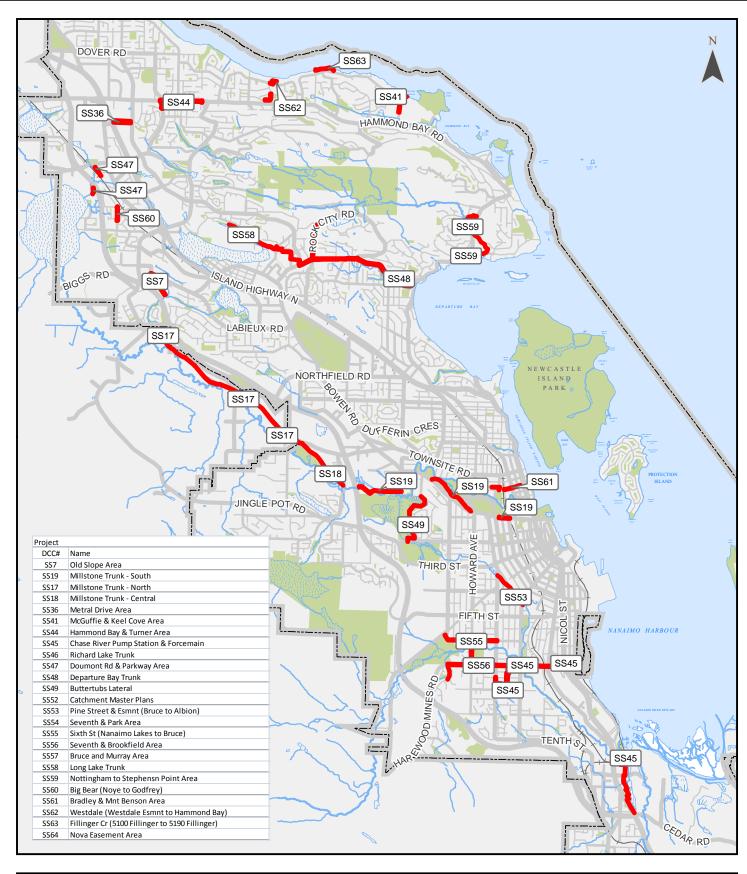
APPENDIX A

2017 DCC Bylaw - Sewer Project List

| | | | | | | | | Allocated | to Growth | Allocated | to Existing |
|-------------------|---|--|--------------------------------|------------|----------------------|----------------------|---------------------|-----------|---------------|-----------|---------------|
| DCC | | | Duniant Timina | | Existing Diameter | Proposed Diameter | Total Project | Growth | | Existing | |
| Project Number | Project Name | Location | Project Timing Range | Length (m) | (mm) | (mm) | Cost | Percent | Growth Cost | Percent | Existing Cost |
| | | | | | | | | | | | |
| SS17 | Millstone Trunk -North | Easement Jingle Pot Rd East to Int of Maxey & East Wellington | 2017/2025 | 2,011.48 | 450/600 | 600/900 | \$ 5,422,585 | 50% | \$ 2,711,294 | 50% | \$ 2,711,291 |
| 3317 | Willistone Hunk-North | int of Maxey & East Wellington | 2017/2023 | 2,011.48 | 430/000 | 000/300 | 3 3,422,383 | 30% | Ş 2,711,234 | 30% | \$ 2,711,231 |
| | | Millstone (East Wellington Rd to | | | | | | 0.004 | 4 | .=-/ | |
| SS18 | Millstone Trunk - Central | Westwood) | 2022 | 1,056.68 | 600 | 900 | \$ 1,659,128 | 85% | \$ 1,409,533 | 15% | \$ 249,595 |
| | | DCC SS19 Millstone | 2019/ | | | | | | | | |
| SS19 | Millstone Trunk - South | Trunk/Buttertubs Upsizing | 2020 | 1,889.25 | 600 | 900 | \$ 3,446,527 | 60% | \$ 2,067,917 | 40% | \$ 1,378,610 |
| | | | | | | | | | | | |
| SS36 | Metral Drive Area | Metral Drive Area | 2025 | 291.00 | NEW | 350 | \$ 449,397 | 100% | \$ 449,397 | 0% | \$ - |
| | | | | | | | | | | | |
| SS41 | McGuffie & Keel Cove Area | | 2035 | 720.00 | NEW | 100/200 | \$ 822,960 | 100% | \$ 822,960 | 0% | \$ - |
| | Hammond Bay & Turner | | | | | | | | | | |
| SS44 | Area | Hammond Bay (Turner to Emil) | 2023 | 851.59 | 200/250/375 | 300/375/450 | \$ 1,414,072 | 100% | \$ 1,414,072 | 0% | \$ - |
| | Chase Diver Duran Station | Eight St - Stirling to 441 Eighth, | 2010/2010/2026 | | | | | | | | |
| SS45 | Chase River Pump Station & Forcemain | Island Hwy - 1169 Island Hwy to MH 6991 at Chase River PW, | 2018/2019/2026, 10-20 years | 1,723.35 | 500/675/900 | 350/1200 | \$ 5,703,340 | 65% | \$ 3,723,585 | 35% | \$ 1,979,752 |
| | | | | | | | | | | | |
| SS46 | Richard Lake Trunk | RDN Chase River PS to Cedar Road | 2019/10-20 | 1,157.09 | 375/450/525/ 600 | 525/600/675/ 750 | \$ 2,297,426 | 100% | \$ 2,297,427 | 0% | s - |
| 55.0 | THE THE TAIN | Esmnt Dumont to 557 Doreen | 2013/10 20 | 1,137.03 | 000 | 750 | ψ <i>Σ</i> ,237,120 | 10070 | Ų 2,237,127 | 0,0 | Y |
| CC 4.7 | Doumont Rd & Parkway | and Esmnt South of Parkway to | 2022 | 270.09 | 200 | 200 | ¢ 240.722 | 00% | ¢ 214.750 | 100/ | ¢ 24.072 |
| SS47 | Area | Turnstone Pl Departure Bay (Rock City to 2937 | 2022 | 270.09 | 200 | 300 | \$ 349,722 | 90% | \$ 314,750 | 10% | \$ 34,972 |
| | | Bay) | | | 150/200/250/ | | | | | | |
| SS48 | Departure Bay Trunk | Rock City (Ocean Pearl to Dep | 2028 | 3,194.02 | 300/350 | 300/375/450 | \$ 4,561,739 | 96% | \$ 4,380,129 | 4% | \$ 181,609 |
| | | | | | | | | | | | |
| SS49 | Buttertubs Lateral | Buttertubs Lateral | 2031 | 1,109.81 | 350 | 375/450 | \$ 1,638,956 | 100% | \$ 1,638,956 | 0% | \$ - |
| | | Downtown South, Brechin, Departure Bay, Downtown | | | | | | | | | |
| SS52 | Catchment Master Plans | North, Linley Valley, Wellington | 2018-2041 | | | | \$ 2,133,600 | 30% | \$ 640,080 | 70% | \$ 1,493,520 |
| | Pine Street & Esmnt | Pine Street (321 Bruce adj to | | | | | | | | | |
| SS53 | (Bruce to Albion) | Chase River thru to Albion) | 2026 | 667.95 | 300 | 450 | \$ 1,046,244 | 100% | \$ 1,046,243 | 0% | -\$ 1 |
| | | | | | | | | | | | |
| SS54 | Seventh & Park Area | Seventh St (Siphon to Park Ave) | 2018 | 115.46 | 375/400 | 600 | \$ 406,400 | 80% | \$ 325,120 | 20% | \$ 81,280 |
| | Circle Ct (Nancinca I also to | | | | | | | | | | |
| SS55 | Sixth St (Nanaimo Lakes to Bruce) | | 2018/2019/2020 | 933.21 | 200 | 300/375/450 | \$ 1,318,098 | 97% | \$ 1,276,822 | 3% | \$ 41,274 |
| | | | | | | | | | | | |
| SS56 | Seventh & Brookfield Area | Brookfield Dr Esmnt, Seventh St, Howard Ave | 2018/2021/2026 | 1,168.48 | 200 | 300 | \$ 1,385,216 | 85% | \$ 1,180,175 | 15% | \$ 205,044 |
| | | | | | | | 7 2,000,220 | 3371 | 7 2,200,210 | 20,1 | 7 200,011 |
| SS57 | Pruce and Murray Area | Bruce and Murray Area | 2019 | 347.45 | | | \$ 152,400 | 100% | \$ 152,400 | 0% | ė |
| 3337 | Bruce and Murray Area | bruce and Murray Area | 2019 | 347.43 | | | 3 132,400 | 100% | 3 132,400 | 0% | ş - |
| CCEC | Long Lako Trust | Poss (Pournementh to Post City) | 2022 | 1 000 07 | 200/250/200 | 200/275 | ¢ 2.045.200 | C70/ | ć 1.7F0.222 | 220/ | ¢ 000.430 |
| SS58 | Long Lake Trunk | Ross (Bournemouth to Rock City) Hammond Bay to 605 | 2032 | 1,863.95 | 200/250/300 | 300/375 | \$ 2,645,369 | 67% | \$ 1,759,232 | 33% | \$ 886,136 |
| | Nottingham to | Nottingham, 605 Nottingham to | | | | | | | | | |
| SS59 | Stephenson Pnt Area | 3229 Hammond Bay, 3229 | 2021/2026/2031 | 1,129.09 | 200/250 | 300/375 | \$ 1,094,629 | 100% | \$ 1,094,629 | 0% | \$ - |
| | | | | | | | | | | | |
| SS60 | Big Bear (Noye to Godfrey) | Big Bear (Noye to Godfrey) | 2032 | 227.02 | 200 | 300 | \$ 322,922 | 80% | \$ 258,338 | 20% | \$ 64,584 |
| | Bradley & Mnt Benson | | | | | | | | | | |
| SS61 | Area | Bradley and Mount Benson | 2017 | 396.87 | 250 | 300/375 | \$ 509,797 | 90% | \$ 458,817 | 10% | \$ 50,980 |
| | Westdale (Westdale | Westdale (Westdale Esmnt to | | | | | | | | | |
| SS62 | Esmnt to Hamm Bay) | Hamm Bay) | 2017 | 214.17 | 300 | 375 | \$ 258,000 | 90% | \$ 232,200 | 10% | \$ 25,800 |
| | Fillinger Cr (5100 Fillinger | Fillinger Cr /5100 Fillinger to | | | | | | | | | |
| SS63 | to 5190 Fillinger) | Fillinger Cr (5100 Fillinger to 5190 Fillinger) | 2018 | 346.01 | 150/250 | 375 | \$ 1,473,200 | 20% | \$ 294,640 | 80% | \$ 1,178,560 |
| | | | | | | | | | | | |
| SS64 | Nova Esmnt Area | Seventh St (Georgia to Bruce) | 2018 | 210.00 | | | \$ 187,960 | 100% | \$ 187,960 | 0% | \$ - |
| | | | | | | | , | | | | |
| SS7 | Old Slope Area | Jingle Pot Road (at Old Slope Place) | 2031 | 665.00 | NEW | 350 | \$ 758,495 | 100% | \$ 758,495 | 0% | -\$ 0 |
| | | | | 303.50 | | | \$ 41,458,185 | | \$ 30,895,172 | -/- | \$ 10,563,006 |





DCC SS7: (100% Growth) Jingle Pot Road SS (at Old Scope PI)

Project:

Components:

821 DCC SS7: (100% Growth) Jingle Pot Road SS (at Old Scope Place)

| 2031 | Funding | | | | |
|---------|---------------------|---------|-------------------|-------------------|------------------|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources |
| 758,495 | 0 | 758,495 | 0 | 0 | 0 |
| 758,495 | 0 | 758,495 | 0 | 0 | 0 |

Project Description:

New 665m of 350mm diameter gravity mains to service Jingle Pot Road - at Old Slope Place

Asset Management Description of Work:

Growth - Identified as a DCC Project

Justification:

New 665m of 350mm diameter piping to service area as identified in the 2008 DCC Bylaw.



DCC SS17: (50% Growth) Millstone Trunk SS (MH 2908 to East Wellington Road)

Project:

Components:

823 DCC SS17: (50% Growth) Millstone Trunk SS (MH 2908 to East Wellington Road)

| 2024 | Funding | | | | |
|-----------|---------------------|-----------|-------------------|-------------------|------------------|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources |
| 3,519,918 | 0 | 1,759,958 | 0 | 1,759,960 | 0 |
| 3,519,918 | 0 | 1,759,958 | 0 | 1,759,960 | 0 |

Project Description:

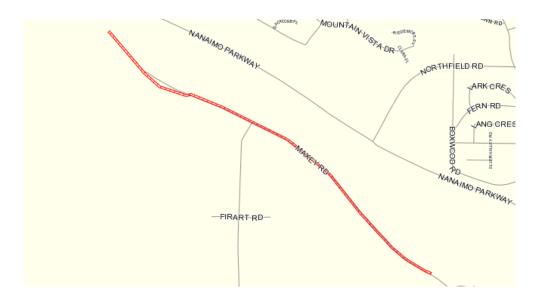
Upsize 2km of 450mm to 600mm diameter on Maxey Road from MH 2908 to East Wellington.

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needed to be upsized from 1978 450mm to 600mm diameter due to current and future capacity shortfall identified in 2012 Millstone Sewer Trunk & Laterals Master Plan.



DCC SS17: (50% Growth) Millstone Trunk SS (Jingle Pot North to MH 2908)

Project:

Components:

1663 DCC SS17: (50% Growth) Millstone Trunk SS (Jingle Pot North to MH 2908)

| 2017 | Funding | | | | | |
|-----------|---------------------|---------|-------------------|-------------------|------------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 1,902,667 | 0 | 951,333 | 0 | 951,333 | 0 | |
| 1,902,667 | 0 | 951,333 | 0 | 951,333 | 0 | |

Project Description:

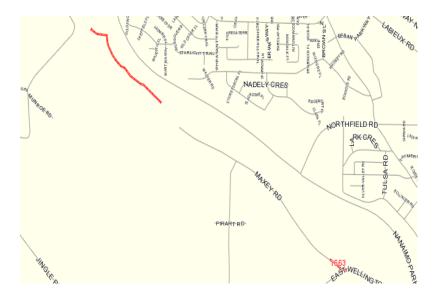
Project will upgrade 950 meters of existing 450 mm diameter asbestos cement sanitary sewer between Jingle Pot Road and Maxey Road to 600 mm diameter. As well, 180 meters of existing 600 mm diameter asbestos cement sanitary sewer will be upgraded to 750 mm diameter on Maxey Road near East Wellington Road.

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needed to be upsized from 1978 450mm to 600mm diameter due to current and future capacity shortfall identified in 2012 Millstone Sewer Trunk & Laterals Master Plan.



DCC SS18: (85% Growth) Millstone Trunk SS (East Wellington to Westwood Road)

Project:

Components:

824 DCC SS18: (85% Growth) Millstone Trunk SS (East Wellington to Westwood Road)

| 2022 | Funding | | | | |
|-----------|---------------------|-----------|-------------------|-------------------|---------------|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources |
| 1,659,128 | 0 | 1,409,533 | 0 | 249,595 | 0 |
| 1,659,128 | 0 | 1,409,533 | 0 | 249,595 | 0 |

Project Description:

Upsize ~1km of 600mm to 900mm diameter on Millstone Trunk between East Wellington and Westwood.

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needed to be upsized from 1977 600mm to 900mm diameter due to current and future capacity shortfall as identified in 2012 Millstone Sewer Trunk and Laterals Master Plan.



DCC SS19: (60% Growth) Millstone Trunk South SS (Westwood Road to Pryde)

Project:

Components:

825 DCC SS19: (60% Growth) Millstone Trunk South SS (Westwood Road to Pryde)

| 2020 | Funding | | | | | |
|-----------|---------------------|---------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 1,416,186 | 0 | 849,712 | 0 | 566,475 | 0 | |
| 1,416,186 | 0 | 849,712 | 0 | 566,475 | 0 | |

Project Description:

Upsize 775m of 600mm to 900mm diameter on Millstone Trunk between Westwood and Pryde.

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needs to be upsized from 600mm to 900mm diameter due to existing capacity shortfalls and to service future growth as identified in 2012 Millstone Master Plan.



DCC SS19: (60% Growth) Millstone Trunk South SS (within Bowen Park)

Project:

Components:

2019 **Funding** General Taxation **Budget** DCC's Water Sewer Other Sources Reserves Reserves 2,030,341 812,137 1,218,205 2,030,341 0 1,218,205 0 812,137 0

1558 DCC SS19 (60% Growth): Millstone Trunk South SS (within Bowen Park)

Project Description:

Upsize ~1.1km of 600mm to 900mm diameter on Millstone Trunk South within Bowen Park

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

The pipe needs to be upsized from 600mm to 900mm diameter due to existing capacity shortfalls and to service future growth as identified in 2012 Millstone Master Plan.



DCC SS36: (100% Growth) Metral Drive Area SS

Project:

Components:

832 DCC SS36: (100% Growth) Metral Drive Area SS

| 2025 | | Funding | | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|--|--|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | | | |
| 450,000 | 0 | 450,000 | 0 | 0 | 0 | | | |
| 450,000 | 0 | 450,000 | 0 | 0 | 0 | | | |

Project Description:

New 290m of 350mm diameter gravity mains to service Metral Drive Area

Asset Management Description of Work:

Growth - Identified as a DCC Project

Justification:

New 290m of 350mm diameter piping to service area as identified in the 2008 DCC Bylaw.



DCC SS41: (100% Growth) McGuffie Road area and Pumpstation SS

Project:

Components:

833 DCC SS41: (100% Growth) McGuffie Road area and Pumpstation SS

| 2035 | Funding | | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|--|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | | |
| 822,960 | 0 | 822,960 | 0 | 0 | 0 | | |
| 822,960 | 0 | 822,960 | 0 | 0 | 0 | | |

Project Description:

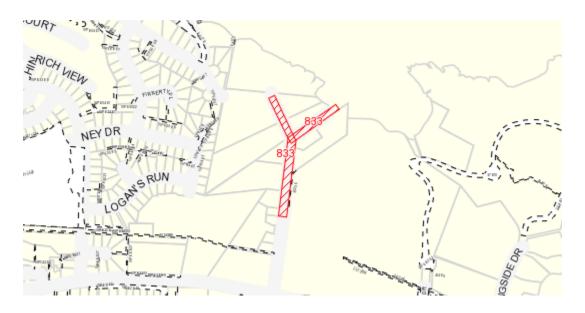
New 400m of 200mm diameter gravity mains, 320m of 100mm diameter forcemain and pump station to service McGuffie Road area

Asset Management Description of Work:

Growth - Identified as a DCC Project

Justification:

New piping and pump station to service area as identified in the 2008 DCC Bylaw.



DCC SS44 - (100% Growth) Hammond Bay Road SS (Turner to Emil)

Project:

Components:

1482 DCC SS44 - (100% Growth) Hammond Bay Road SS (Turner to

| 2023 | | Funding | | | | | |
|-----------|---------------------|-----------|-------------------|-------------------|---------------|--|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | | |
| 1,414,072 | 0 | 1,414,072 | 0 | 0 | 0 | | |
| 1,414,072 | 0 | 1,414,072 | 0 | 0 | 0 | | |

Project Description:

Upsize 850m of 250mm/375mm to 375mm/450mm diameter on Hammond Bay Road from Turner to Emil

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipes need to be upsized from 200mm/250mm/375mm to 300mm/375mm/450mm diameter or regraded due to existing capacity shortfalls and to service future growth as identified in 2014 City Wide Sewer Model



Project:

DCC SS45 (60% Growth) Seventh & Park SS PS - Stage 1

Components:

2018 **Funding** Budget General DCC's Water Sewer Other Sources Taxation Reserves Reserves 1,870,456 1,122,274 748,182 0 1,870,456 1,122,274 748,182 0

1901 DCC SS45 (100% Growth)Seventh & Park SS PS - Stage 1

Project Description:

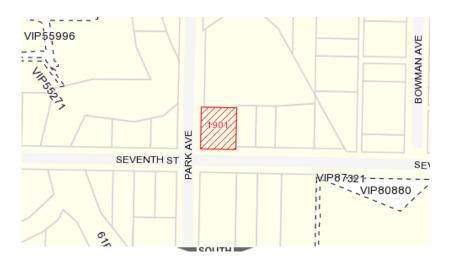
New pump station to divert flows of 134 l/s when constructed in 2018 and up to 339 l/s in 2031 from the existing Chase River Trunk Main (directly East), and connecting to the regional interceptor.

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

The Chase River Trunk Main was installed in the 1970's at an average depth of almost 6 meters, with some stretches exceeding 9m. This trunk is a vital sanitary conduit which is significantly under capacity during existing flow conditions and is demonstrating occasional surcharging which is contained within the system, for now. The City has completed a business case analysis to compare multiple options to expand the capacity of the trunk system. Ultimately a diversion pump station with forcemain was selected. Refer to 2014 Chaser River Master Plan.



DCC SS45 (100% Growth) Eighth St SS PS- Upgrades Stage 2 (Seventh & Park)

Project:

Components:

1902 DCC SS45 (100% Growth) Eighth St SS PS-Upgrades Stage 2 (Seventh & Park)

| 2026 | Funding | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 309,880 | 0 | 309,880 | 0 | 0 | 0 | |
| 309,880 | 0 | 309,880 | 0 | 0 | 0 | |

Project Description:

The Chase River Pump Station will require a fourth pump, impeller upgrades, and the second kiosk installation.

Asset Management Description of Work:

Growth - Identified as a DCC Project

Justification:

When flows from the pump station (three pumps initially) exceed 165 L/s, redundancy is lost and this will trigger the impeller upgrade (2017 to 2022). When flows from the pump station exceed 235 L/s, redundancy is lost again and a fourth pump is required (likely beyond 2022). The Lift Station will require a fourth pump, impeller upgrades, and the second kiosk installation. Refer to 2014 Chase River Master Plan.



Project:

DCC SS45 (60% Growth) Seventh St SS FM - Stage 1

Components:

| 2018 | Funding | | | | | |
|-----------|---------------------|-----------|-------------------|-------------------|------------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 2,716,784 | 0 | 1,630,070 | 0 | 1,086,714 | 0 | |

2034 DCC SS45 (60% Growth) Seventh St SS FM - Stage 1

| 2,716,784 | 0 1,630,070 | 0 | 1,086,714 | 0 |
|-----------|-------------|---|-----------|---|

Project Description:

DCC Sanitary Sewer System - Construction new 1.6km of twinned forcemain on Seventh Street to connect from the Chase River pump station to the RDN interceptor

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

The Chase River Trunk Main is significantly under capacity during existing flow conditions and is demonstrating occasional surcharging which is contained within the system, for now. The City has completed a business case analysis to compare multiple options to expand the capacity of the trunk system. Ultimately a diversion pump station with forcemain was selected. Refer to 2014 Chaser River Master Plan.



DCC SS45 (30% Growth) Island Hwy SS (1169 Island Hwy to MH 6991 at Chase River PS)

Project:

Components:

2359 DCC SS45 (30% Growth) Island Hwy SS (1169 Island Hwy to MH 6991 at Chase River PS)

| 2019 | Funding | | | | | |
|---------|---------------------|--------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 101,600 | 0 | 30,480 | 0 | 71,120 | 0 | |
| 100,000 | 0 | 30,480 | 0 | 71,120 | 0 | |

Project Description:

Upsize 40m of existing 500mm diameter DI across Island Hwy at 1169 to MH 6991 at Chase River PS.

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needs to be upsized due to existing capacity shortfalls and to service future growth as identified in 2014 Chase River Master Plan.



DCC SS45 Assets North of Eighth St - Stage 2 Chase River PS

Project:

Components:

2363 DCC SS45 Assets North of Eighth St - Stage 2 Chase River PS

| 2027 | Funding | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 458,833 | 0 | 458,833 | 0 | 0 | 0 | |
| 458,833 | 0 | 458,833 | 0 | 0 | 0 | |

Project Description:

Upsize ~190m of 900mm to 1200mm diameter on Stirling Ave from Nova to Murray

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needs to be upsized from 900mm to 1200mm diameter due to existing capacity shortfalls and to service future growth as identified in 2014 Chase River Master Plan.



DCC SS45: (70% Growth) Eighth St SS Pipe #513731

Project:

Components:

2159 DCC SS45: (70% Growth) Eighth St SS Pipe #513731

| | 2018 | Funding | | | | | | |
|---|---------|---------------------|---------|-------------------|-------------------|---------------|--|--|
| | Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | | |
| - | 245,788 | 0 | 172,051 | 0 | 73,736 | 0 | | |
| | 245,788 | 0 | 172,051 | 0 | 73,736 | 0 | | |

Project Description:

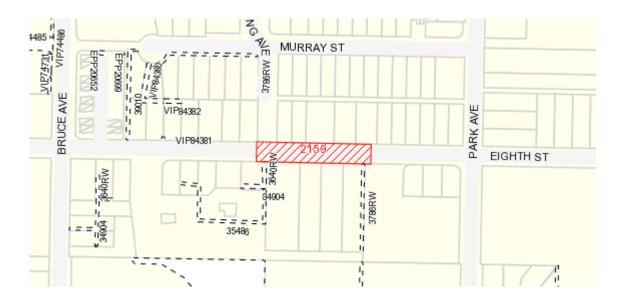
Upsize ~95m of 675mm to 1200mm diameter Pipe #513731 on Eighth Street

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needs to be upsized from 675mm to 1200mm diameter due to existing capacity shortfalls and to service future growth as identified in 2014 Chase River Master Plan.



DCC SS46: (100% Growth) Isl Hwy Esmnt 37125 SS (MH 6955 40 Maki to MH 6971 1336 Isl Hwy)

Project:

Components:

1490 DCC SS46: (100% Growth) Isl Hwy Esmnt 37125 SS (MH 6955 40 Maki to MH 6971 1336 Isl Hwy)

| 2030 | Funding | | | | | |
|-----------|---------------------|-----------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 1,007,150 | 0 | 1,007,150 | 0 | 0 | 0 | |
| 1,007,150 | 0 | 1,007,150 | 0 | 0 | 0 | |

Project Description:

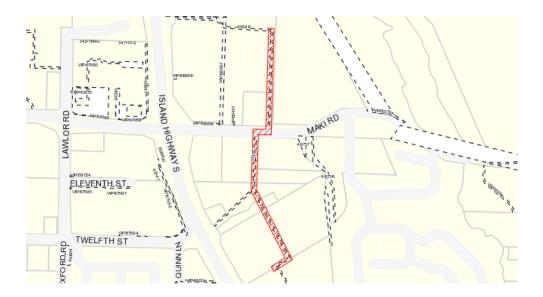
Upsize 475m of Sanitary Sewer on Island Hwy Esmnt 37125 from MH 6955 at 40 Maki to MH 6971 at 1336 Isl Hwy

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

The pipe needs to be upsized from 450mm/525mm/600mm to 600mm/675mm/750mm diameter due to existing capacity shortfalls and to service future growth as identified in 2014 Chase River Master Plan.



DCC SS46 (100% Growth) Isl Hwy Esmnt 40546 (MH 6955 40 Maki to Chase River PS)

Project:

Components:

2282 DCC SS46 (100% Growth) Isl Hwy Esmnt 40546 (MH 6955 40 Maki to Chase River PS)

| 2019 | Funding | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 457,200 | 0 | 457,200 | 0 | 0 | 0 | |
| 457,200 | 0 | 457,200 | 0 | 0 | 0 | |

Project Description:

Upsize ~200m of 600mm to 750mm diameter on Island Hwy Esmt 40546 from MH 6955 at 40 Maki to Chase River PS

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needs to be upsized from 600mm to 750mm diameter due to existing capacity shortfalls and to service future growth as identified in 2014 Chase River Master Plan.



DCC SS46 (100% Growth) Isl Hwy Esmnt 37125 SS (MH 6971 1336 Isl Hwy to Cedar Rd)

Project:

Components:

1906 DCC SS46 (100% Growth) Isl Hwy Esmnt 37125 SS (MH 6971 1336 Isl Hwy to Cedar Rd)

| 2030 | Funding | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 859,360 | 0 | 859,360 | 0 | 0 | 0 | |
| 859,360 | 0 | 859,360 | 0 | 0 | 0 | |

Project Description:

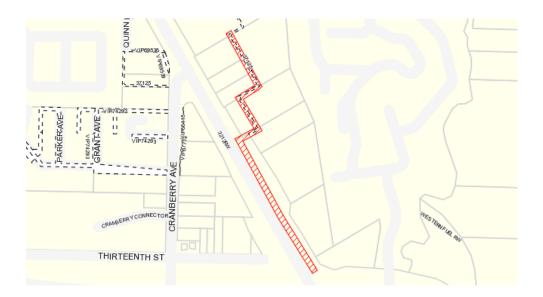
Upsize ~480m of 375mm to 525mm diameter on Island Hwy Esmt 37125 from MH 6971 at 1336 Isl Hwy to Cedar Rd

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needs to be upsized from 375mm to 525mm diameter due to existing capacity shortfalls and to service future growth as identified in 2014 Chase River Master Plan.



DCC SS47: (90% Growth) Millstone Lateral SS - (Easement off Doumont to 557 Doreen)

Project:

Components:

837 DCC SS47: (90% Growth) Millstone Lateral SS - (Easement off Doumont to 557 Doreen)

| 2022 | Funding | | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|--|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | | |
| 265,295 | 0 | 238,765 | 0 | 26,529 | 0 | | |
| 265,295 | 0 | 238,765 | 0 | 26,529 | 0 | | |

Project Description:

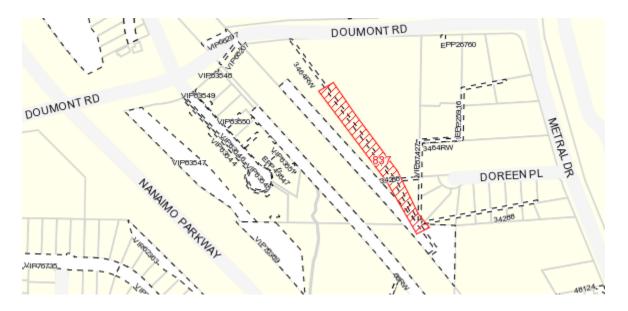
Upsize pipes from 200m to 300mm diameter on Millstone Lateral in easement off Doumont to 557 Doreen.

Asset Management Description of Work:

Upgrades - increased service capacity

Justification:

Pipe needs to be upsized from 200mm to 300mm diameter due to existing capacity shortfalls and to service future growth as identified in 2012 Millstone Master Plan.



DCC SS47: (90% Growth) Millstone Lateral SS (Easement South of Parkway to Turnstone PI)

Project:

Components:

1775 DCC SS47: (90% Growth) Millstone Lateral SS (Easement South of Parkway to Turnstone PI)

| 2022 | Funding | | | | | | | |
|--------|-------------------------|--------|-------------------|-------------------|---------------|--|--|--|
| Budget | General Taxatio n | DCC's | Water Reserves | Sewer Reserves | Other Sources | | | |
| 84,428 | 0 | 75,985 | 0 | 8,443 | 0 | | | |
| 84,428 | 0 | 75,985 | 0 | 8,443 | 0 | | | |

Project Description:

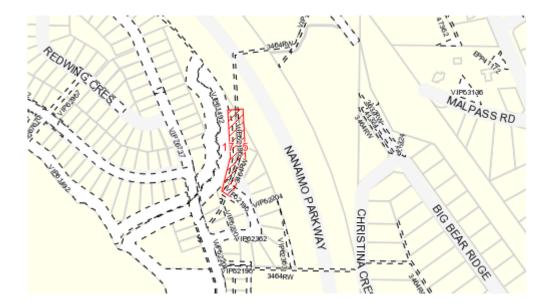
Upsize ~100m of 200mm to 300mm diameter in Esmt South of Parkway to Turnstone PI

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needs to be upsized from 200mm to 300mm diameter due to existing capacity shortfalls and to service future growth as identified in 2012 Millstone Master Plan.



DCC SS48: (96% Growth) Departure Bay Trunk SS

Project:

Components:

838 DCC SS48: (96% Growth) Departure Bay Trunk

| 2028 | Funding | | | | | | |
|-----------|---------------------|-----------|-------------------|-------------------|---------------|--|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | | |
| 4,561,739 | 0 | 4,380,129 | 0 | 181,609 | 0 | | |
| 4,561,739 | 0 | 4,380,129 | 0 | 181,609 | 0 | | |

Project Description:

Upsize 2.6km of sanitary sewer on Departure Bay Road from Rock City to Bay and upsize 585m of sanitary sewer on Rock City Road from Dep Bay to Opal

Asset Management Description of Work:

Upgrades - increased service capacity

Justification:

Pipe needs to be upsized from 150mm/200mm/250mm/300mm/350mm to 300mm/375mm/450mm diameter due to existing capacity shortfalls and to service future growth as identified in 2014 City Wide Sewer Model.



DCC SS49: (100% Growth) Buttertubs Lateral - Diversion SS

Project:

Components:

839 DCC SS49: (100% Growth) Buttertubs Lateral - Diversion SS

| 2041 | Funding | | | | | |
|-----------|---------------------|-----------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 1,638,956 | 0 | 1,638,956 | 0 | 0 | 0 | |
| 1,638,956 | 0 | 1,638,956 | 0 | 0 | 0 | |

Project Description:

Upsize 1.1km of 350mm to 450mm diameter along Buttertubs Marsh from Jingle Pot to Buttertubs

Asset Management Description of Work:

Growth - Identified as a DCC Project

Justification:

Pipe needs to be upsized from 350mm to 450mm diameter to service future growth as identified in 2012 Millstone Master Plan.



DCC SS53: (100% Growth) Pine Street SS (321 Bruce adj to Chase River thru to Albion)

Project:

Components:

1856 DCC SS53: (100% Growth) Pine Street SS (321 Bruce adj to Chase River thru to Albion)

| 2026 | Funding | | | | | |
|-----------|---------------------|-----------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 1,050,000 | 0 | 1,050,000 | 0 | 0 | 0 | |
| 1,050,000 | 0 | 1,050,000 | 0 | 0 | 0 | |

Project Description:

Upsize ~670m of 300mm to 450mm diameter on Pine Street from 321 Bruce adjacent to Chase River thru to Albion

Asset Management Description of Work:

Growth - Identified as a DCC Project

Justification:

Pipe needs to be upsized from 300mm to 450mm diameter to service future growth as identified in 2014 Chase River Master Plan.



DCC SS54: (80% Growth) Seventh Street SS (Siphon to Park Ave)

Project:

Components:

1873 DCC SS54: (80% Growth) Seventh St SS (Siphon to Park Ave)

| 2018 | Funding | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 406,400 | 0 | 325,120 | 0 | 81,280 | 0 | |
| 406,400 | 0 | 325,120 | | 81,280 | 0 | |

Project Description:

Upsize 115m of 375mm/400mm to 600mm diameter on Seventh Street from siphon to Park

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Upsize siphon from 375mm/400mm to 600mm diameter due to existing capacity shortfalls and to service future growth as identified in 2014 Chase River Sewer Master Plan.



DCC SS55: (100% Growth) Sixth St SS (Nanaimo Lakes Road to Howard) - PH 3

Project:

Components:

1869 DCC SS55: (100% Growth) Sixth St SS (Nanaimo Lakes Road to Howard) - PH 3

| 2020 | Funding | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 682,903 | 0 | 682,903 | 0 | 0 | 0 | |
| 682,903 | 0 | 682,903 | 0 | 0 | 0 | |

Project Description:

Upsize ~510m of 200mm to 300mm/375mm diameter on Sixth Street from Nanaimo Lakes to Howard - Ph 3

Asset Management Description of Work:

Growth - Identified as a DCC Project

Justification:

Pipe needs to be upsized from 200mm to 300mm diameter to service future growth as identified in 2014 Chase River Master Plan.



DCC SS55: (90% Growth) Sixth St SS (Bruce to Georgia) - PH 1

Project:

Components:

1406 DCC SS55: (90% Growth) Sixth St SS (Bruce to Georgia) - PH 1

| 2018 | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources |
| 338,118 | 0 | 304,305 | 0 | 33,813 | 0 |
| 338,118 | | 304,305 | | 33,813 | 0 |

Project Description:

Upsize 225m of 200mm to 375/450mm diameter on Sixth Street from Bruce to Georgia - Ph 1

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipes need to be upsized from 200mm to 375mm/450mm diameter due to existing capacity shortfalls and to service future growth as identified in 2014 Chase River Sanitary Master Plan.



DCC SS55: (100% Growth) Sixth St SS (Georgia to Howard) - PH2

Project:

Components:

2060 DCC SS55: (100% Growth) Sixth St SS (Georgia to Howard) - PH2

| 2019 | Funding | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 297,077 | 0 | 297,077 | 0 | 0 | 0 | |
| 297,077 | 0 | 297,077 | 0 | 0 | 0 | |

Project Description:

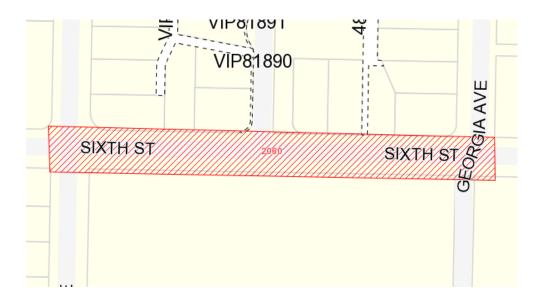
Upsize ~200m of 200mm to 375mm diameter on Sixth Street from Georgia to Howard - Ph 2

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needs to be upsized from 200mm to 375mm diameter due to existing capacity shortfalls and to service future growth as identified in 2014 Chase River Master Plan.



DCC SS56: (93% Growth) Seventh St SS (621 Seventh to Georgia Ave) - Ph 3

Project:

Components:

1851 DCC SS56: (93% Growth) Seventh St SS (621 Seventh to Georgia Ave) - Ph 3

| 2026 | Funding | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 532,195 | 0 | 532,195 | 0 | 0 | 0 | |
| 532,195 | 0 | 532,195 | 0 | 0 | 0 | |

Project Description:

Upsize ~400m of 200m to 300mm diameter on Seventh Street from 621 Seventh to Georgia - Ph 3

Asset Management Description of Work:

Growth - Identified as a DCC Project

Justification:

Pipe needs to be upsized from 200mm to 300mm diameter to service future growth as identified in 2014 Chase River Master Plan.



DCC SS56: (~70% Growth) Howard Ave SS (Seventh to Brookeside) - Ph 2

Project:

Components:

1872 DCC SS56: (100% Growth) Howard Ave SS (Seventh to Brookeside) - Ph 2

| 2021 | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources |
| 388,286 | 0 | 273,815 | 0 | 114,471 | 0 |
| 388,286 | 0 | 273,815 | 0 | 114,471 | 0 |

Project Description:

Upsize ~ 290m of 200mm to 300mm diameter on Howard Ave from Seventh to Brookeside - Ph 2

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needs to be upsized from 200mm to 300mm diameter due to existing capacity shortfalls and to service future growth as identified in 2014 Chase River Master Plan.



DCC SS56: (100% Growth) Brookfield Dr SS (MH6536 @ 864 Brookfield to MH 6526 back of 841 Brookfield) Ph 3 $\,$

Project:

Components:

1877 DCC SS56: (100% Growth) Brookfield Dr SS (MH6536 @ 864 Brookfield to MH 6526 back of 841 Brookfield) Ph 3

| 2026 | | Funding | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|--|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | | |
| 326,289 | 0 | 326,289 | 0 | 0 | 0 | | |
| 326,289 | 0 | 326,289 | 0 | 0 | 0 | | |

Project Description:

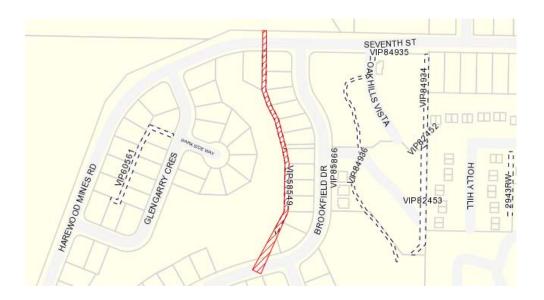
Upsize \sim 265m of 200mm to 300mm diameter on Brookfield Drive from MH6536 @ 864 Brookfield to MH 6526 back of 841 Brookfield - Ph 3

Asset Management Description of Work:

Growth - Identified as a DCC Project

Justification:

Pipe needs to be upsized from 200mm to 300mm diameter to service future growth as identified in 2014 Chase River Master Plan.



DCC SS56: (60% Growth) Seventh St SS (583 Seventh St to Georgia) - Ph 1

Project:

Components:

2255 DCC SS56: (60% Growth) Seventh St SS (583 Seventh St to Georgia) - Ph 1

| 2018 | Funding | | | | | |
|---------|---------------------|--------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 138,446 | 0 | 83,068 | 0 | 55,379 | 0 | |
| 138,446 | 0 | 83,068 | 0 | 55,379 | 0 | |

Project Description:

Upsize ~125m of 200mm to 300mm diameter on Seventh Street from 583 Seventh St to Georgia - Ph 1

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needs to be upsized from 200mm to 300mm diameter due to existing capacity shortfalls and to service future growth as identified in 2014 Chase River Master Plan.



DCC SS57: (100% Growth) Murray SS (Esmnt Cul de sac to Bruce)

Project:

Components:

2357 DCC SS57: (100% Growth) Murray SS (Esmnt Cul de sac to Bruce)

| 2019 | Funding | | | | | |
|--------|---------------------|--------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 75,133 | 0 | 75,133 | 0 | 0 | 0 | |
| 75,133 | 0 | 75,133 | 0 | 0 | 0 | |

Project Description:

Construct new 85m sanitary sewer main on Murray Street from end of cul-de-sac to Bruce

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needs to be upsized due to existing capacity shortfalls and to service future growth as identified in 2014 Chase River Master Plan.



DCC SS57: (100% Growth) Bruce Ave SS (Deering to 877 Bruce)

Project:

Components:

2356 DCC SS57: (100% Growth) Bruce Ave SS (Deering to 877 Bruce)

| 2019 | Funding | | | | | |
|--------|---------------------|--------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 78,166 | 0 | 78,166 | 0 | 0 | 0 | |
| 78,166 | 0 | 78,166 | 0 | 0 | 0 | |

Project Description:

Upsize 200mm diameter AC on Bruce Ave from Deering to 877 Bruce.

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needs to be upsized due to existing capacity shortfalls and to service future growth as identified in 2014 Chase River Master Plan.



DCC SS58: (66.5% Growth) Ross Esmnt SS (4003 Ross Esmnt to Int of Departure Bay and Rock City)

Project:

Components:

2112 DCC SS58: (66.5% Growth) Ross Esmnt SS (4003 Ross Esmnt to Int of Departure Bay and Rock City)

| 2032 | Funding | | | | | |
|-----------|---------------------|-----------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 2,645,369 | 0 | 1,759,232 | 0 | 886,136 | 0 | |
| 2,645,369 | 0 | 1,759,232 | 0 | 886,136 | 0 | |

Project Description:

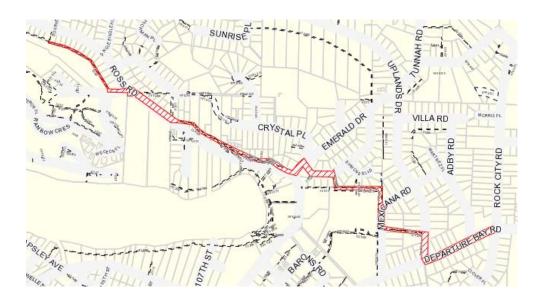
Upsize ~1.87km of 200mm/250mm/300mm to 300mm/375mm diameter in Ross Road Esmt from 4003 Ross Esmt to Intersection of Departure Bay and Rock City

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needs to be upsized from 200mm/250mm/300mm to 300mm/375mm diameter due to existing capacity shortfalls and to service future growth as identified in 2014 City Wide Sewer Model.



DCC SS59: (100% Growth) Nottingham to Stephenson Pnt SS - PH 1

Project:

Components:

2155 DCC SS59: (100% Growth) Nottingham to Stephenson Pnt SS - PH 1

| 2021 | Funding | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources |
| 350,662 | 0 | 350,662 | 0 | 0 | 0 |
| 350,662 | 0 | 350,662 | 0 | 0 | 0 |

Project Description:

Upsize \sim 440m of 200mm to 300mm diameter in Esmt at 3263 Stephenson to 3250 Stephenson Point as well as in Esmt at MH4766 by 605 Nottingham to 3229 Hammond Bay - Ph 1

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needs to be upsized from 200mm to 300mm diameter due to existing capacity shortfalls and to service future growth as identified in 2014 City Wide Sewer Model.



DCC SS59: (100% Growth) Nottingham to Stephenson Pnt SS - PH 2

Project:

Components:

2285 DCC SS59: (100% Growth) Nottingham to Stephenson Pnt SS - PH 2

| 2026 | Funding | | | | | | |
|---------|---------------------|--------------------|-------------------|-------------------|---------------|--|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | | |
| 182,354 | 0 | 182,354 | 0 | 0 | 0 | | |
| 182,354 | 0 | 182,354182,35 4 | 0 | 0 | 0 | | |

Project Description:

Upsize 140m of 250mm to 375mm diameter from Esmt at 3250 Stephenson Point to MH 4777 at 3190 Stephenson Point

Asset Management Description of Work:

Growth - Identified as a DCC Project

Justification:

Pipe needs to be upsized from 250mm to 375mm diameter to service future growth as identified in 2014 City Wide Sewer Model.



DCC SS59: (100% Growth) Nottingham to Stephenson Pnt SS - PH 3

Project:

Components:

2286 DCC SS59: (100% Growth) Nottingham to Stephenson Pnt SS - PH 3

| 2031 | Funding | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 561,613 | 0 | 561,613 | 0 | 0 | 0 | |
| 561,613 | 0 | 561,613 | 0 | 0 | 0 | |

Project Description:

Upsize ~555m of 200mm to 300mm diameter from MH 4782 at 3229 Hammond Bay to 3263 Stephenson Point as well as in Esmt by Nottingham from Ham Bay to MH4766 at 605 Nottingham

Asset Management Description of Work:

Growth - Identified as a DCC Project

Justification:

Pipe needs to be upsized from 200mm to 300mm diameter to service future growth as identified in 2014 City Wide Sewer Model.



DCC SS60: (80% Growth) Big Bear Ridge SS (Noye Rd to Godfrey)

Project:

Components:

1664 DCC SS60: (80% Growth) Big Bear Ridge SS (Noye Rd to Godfrey)

| 2022 | Funding | | | | | | |
|---------|--------------------------|---------|-------------------|-------------------|---------------|--|--|
| Budget | General DCC's Taxatio | | Water Reserves | Sewer Reserves | Other Sources | | |
| 322,922 | 0 | 258,338 | 0 | 64,584 | 0 | | |
| 322,922 | 0 | 258,338 | 0 | 64,584 | 0 | | |

Project Description:

Upsize ~225m of 200mm to 300mm diameter on Big Bear Ridge from Noye to Godfrey

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needs to be upsized from 200mm to 300mm diameter due to existing capacity shortfalls and to service future growth as identified in 2012 Millstone Master Plan.



Project:

DCC SS61: Bradley St SS (529 Bradley to Holly)

Components:

2017 **Funding** Budget General DCC's Water Sewer Other Taxation Reserves Reserves Sources 188,976 170,078 18,898 188,976 170,078 18,898 0 0

753 DCC SS 61: Bradley St SS (529 Bradley to Holly)

Project

Description:

Upsize 168m with 300mm diameter on Bradley Street from 529 Bradley to Holly

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Approximately 168m of pipe to be replaced with 300mm diameter as specified by the 2014 City Wide Sewer Model. CCTV video shows that other pipes in this area are in deteriorating condition and should be replaced as well.



Project:

DCC SS61: Mount Benson SS (EN Rail to Terminal)

Components:

2057 DCC SS61: Mount Benson SS (EN Rail to Terminal)

| 2017 | Funding | | | | | | |
|--------------------------|---------|---------|-------------------|-------------------|---------------|--|--|
| Budget Genera Taxatio | | DCC's | Water Reserves | Sewer Reserves | Other Sources | | |
| 320,821 | 0 | 288,739 | 0 | 32,082 | 0 | | |
| 320,821 | 0 | 288,739 | 0 | 32,082 | 0 | | |

Project Description:

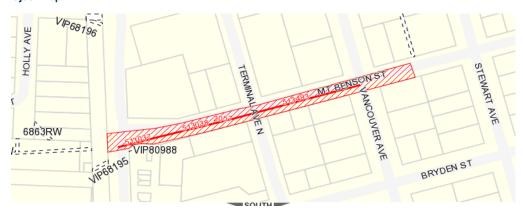
Upsize ~280m of 250mm to 375mm diameter on Mount Benson from EN Rail to Terminal

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Approximately 275m of pipe to be upsized from 250mm to 375mm diameter due to existing capacity shortfalls and to service future growth as specified by the 2014 City Wide Sewer Model.



DCC SS62: (90% Growth) Westdale Rd Esmt SS (Westdale to Ham Bay)

Project:

Components:

1505 DCC SS62 (90% Growth) Westdale Rd Esmt SS (Westdale to Ham Bay)

| 2017 | Funding | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | |
| 258,000 | 0 | 232,200 | 0 | 25,800 | 0 | |
| 258,000 | 0 | 232,200 | 0 | 25,800 | 0 | |

Project Description:

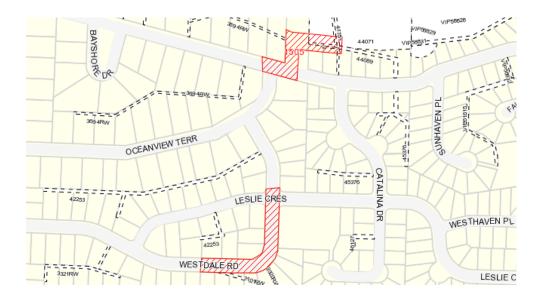
New installation of 95m of 200mm PVC pipe on Westdale, and replacement of 220m of 150mm/200mm PVC pipe on Westdale and Esmt.

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

The pipe needs to be upsized from 300mm to 375mm diameter due to existing capacity shortfalls and to service future growth as identified in the 2014 City Wide Sanitary Sewer model. Confirmed new route to convey wastewater to RDN trunk that does not require upsizing pipes in Westdale Rd Esmt and Hammond Bay Road disturbance.



DCC SS63: (20% Growth) Fillinger Crescent SS (5100 Fillinger to 5190 Fillinger)

Project:

Components:

1413 DCC SS63: (20% Growth) Fillinger Crescent SS (5100 Fillinger to 5190 Fillinger)

| 2018 | | | | | |
|-----------|---------------------|---------|-------------------|-------------------|---------------|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources |
| 1,473,200 | 0 | 294,640 | 0 | 1,178,560 | 0 |
| 1,473,200 | 0 | 294,640 | 0 | 1,178,560 | 0 |

Project Description:

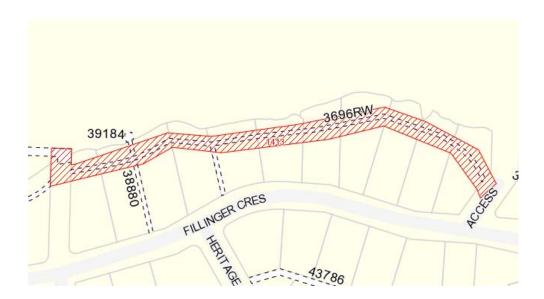
Upsize 350m of 150mm/250mm to 375mm diameter on Fillinger Crescent from 5100 to 5190 Fillinger

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

The CCTV video of the san on Fillinger shows that it is settling and ponding which is causing O&M issues. As well, pipes need to be upsized from 250mm to 375mm diameter due to existing capacity shortfalls and to service future growth as identified in 2014 City Wide Sewer Model.



DCC SS64: (100% Growth) Nova Esmnt Area SS

Project:

Components:

2329 DCC SS64: (100% Growth) Nova Esmnt Area SS

| 2018 | 2018 Funding | | | | | | |
|---------|---------------------|---------|-------------------|-------------------|---------------|--|--|
| Budget | General Taxation | DCC's | Water Reserves | Sewer Reserves | Other Sources | | |
| 187,960 | 0 | 187,960 | 0 | 0 | 0 | | |
| 187,960 | 0 | 187,960 | 0 | 0 | 0 | | |

Project Description:

New 210m relief sewer on Seventh Street from Georgia to Bruce due to capacity issues.

Asset Management Description of Work:

Upgrades - Increased service capacity

Justification:

Pipe needs to be upsized due to existing capacity shortfalls and to service future growth as identified in 2016 Seventh & Murray Relief Analysis TM.

