

CIVIC FACILITIES INFRASTRUCTURE REPORT CARD 2021

Estimated Required Funding:

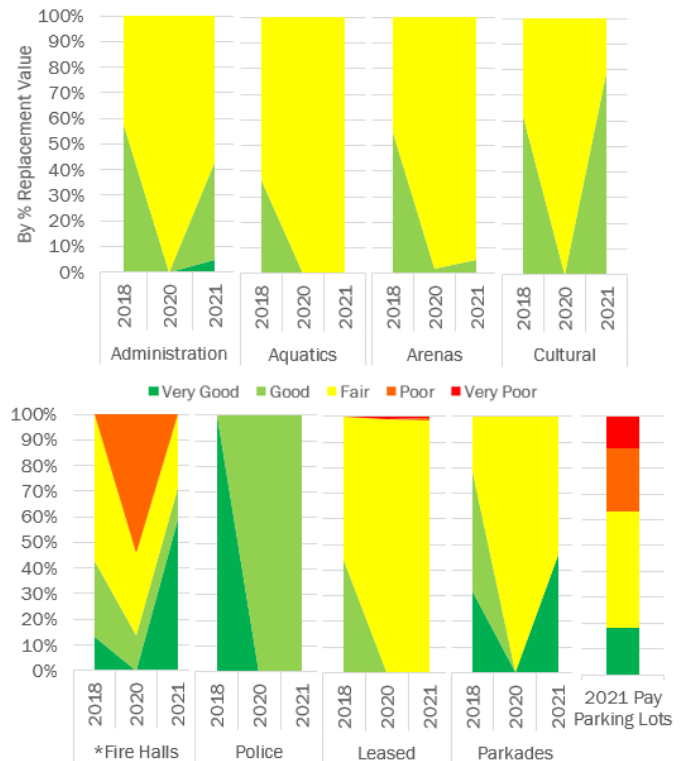
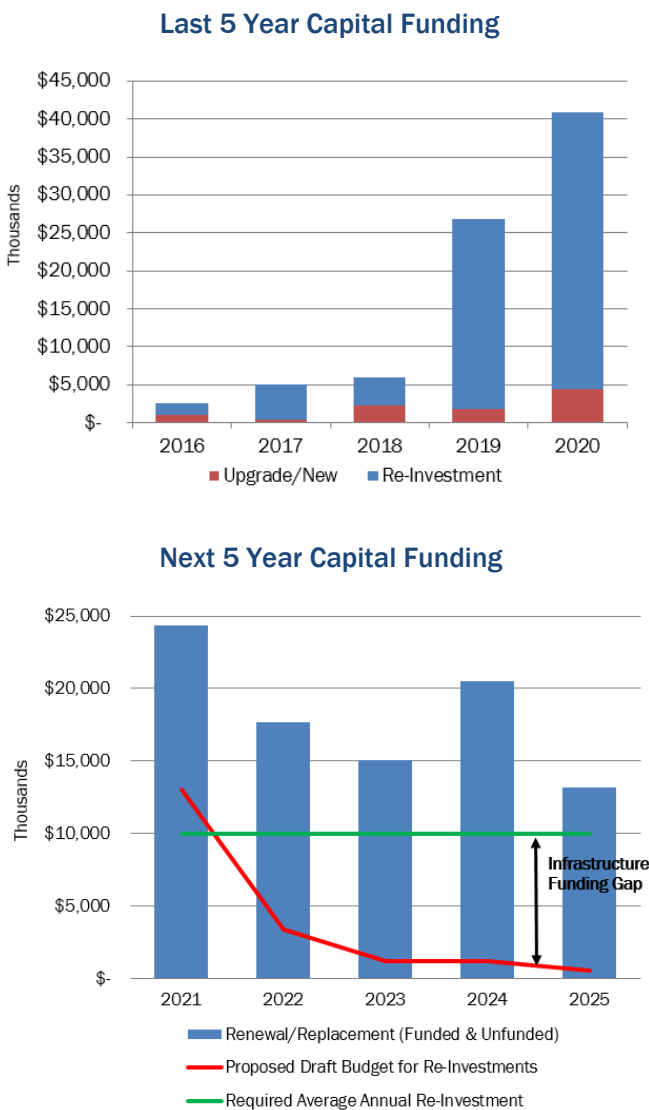
Average Annual Re-investment (AAR) = \$10M

Annual Infrastructure Funding Gap:

AAR – Last 5 years' Avg Re-Investment = \$0M

Approximate Replacement Value of Civic Facilities: \$611M

Condition (based on visual inspections):



* New Fire Hall included. Old Fire Hall removed from condition graph for Fire Halls.

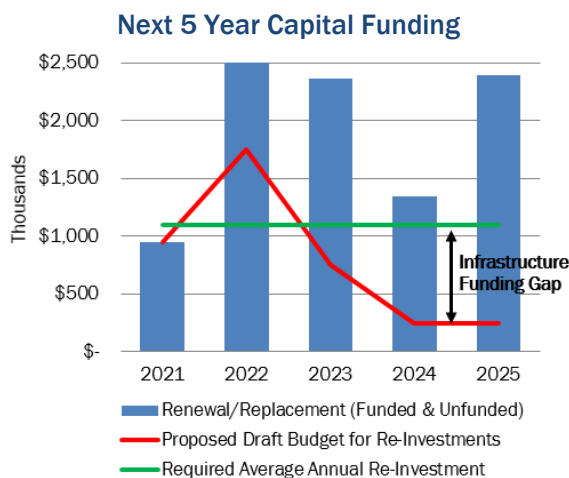
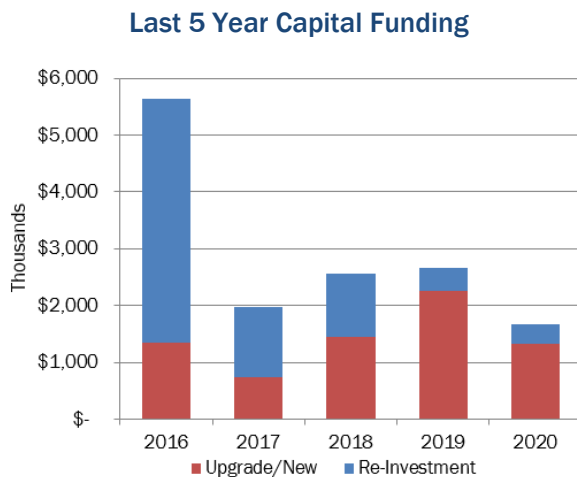
Asset Inventory:

Type of Facility	Amount
Fire Halls	4
Aquatics	2
Arenas/Atrium	6/1
Cultural	5
Administration	9
Police	1
Parkade/Pay Parking Lots	6/6
Leased (to 3 rd Party)	22
Total:	56 Buildings

PARKS & TRAILS INFRASTRUCTURE REPORT CARD 2021

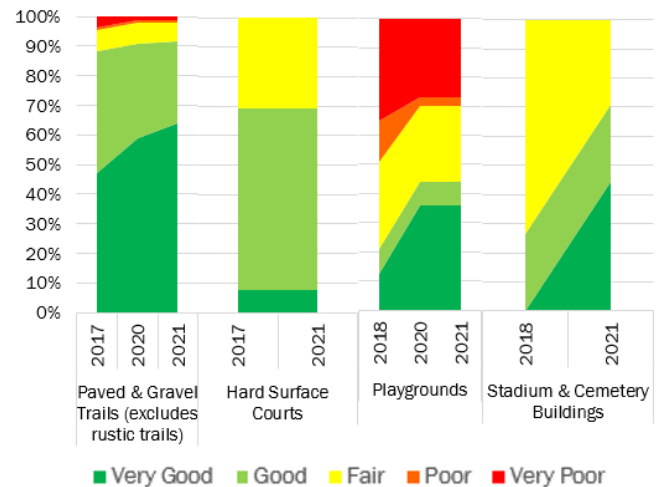
Estimated Required Funding:
Average Annual Re-Investment (AAR) = \$1.1M

Annual Infrastructure Funding Gap:
AAR – Last 5 Years' Re-Investment = \$0M
(No gap currently due to significant re-investment in Masich Stadium. The gap is \$0.6M on average not incl Masich project).



Approximate Replacement Value of Parks:
\$76M (excluding park land value)

Condition:



Asset Inventory:

Asset Type	Amount
# of Parks & Green Spaces	369
Trees (Parks/Streets/Civic Buildings)	5,398
Parking Lots (Civic Buildings/Parks)	30/45
Washrooms/Outhouses	13/18
Individual Sport Fields	34
Hard Surface Courts	23
Bollards	3,254
Signs	841
Trash Containers	468
Fences	25km
Benches/Picnic Tables	305/161
Playgrounds	49
Area of City Parks & Green Spaces	1,913ha
Length of Trails	104km
Stadium Buildings	2
Cemetery Buildings	3

ROADS & BRIDGES INFRASTRUCTURE REPORT CARD 2021

Estimated Required Funding:

Average Annual Re-Investment (AAR) = \$7.7M

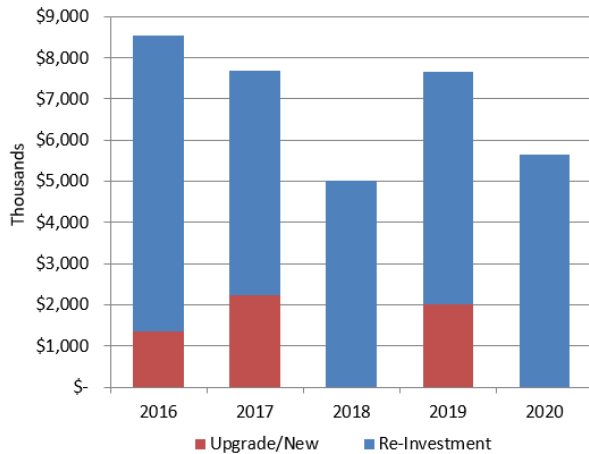
(includes gravel, paved roads, and vehicle bridges)

**Approximate Replacement Value of
Road & Bridge Assets: \$1.19 Billion**

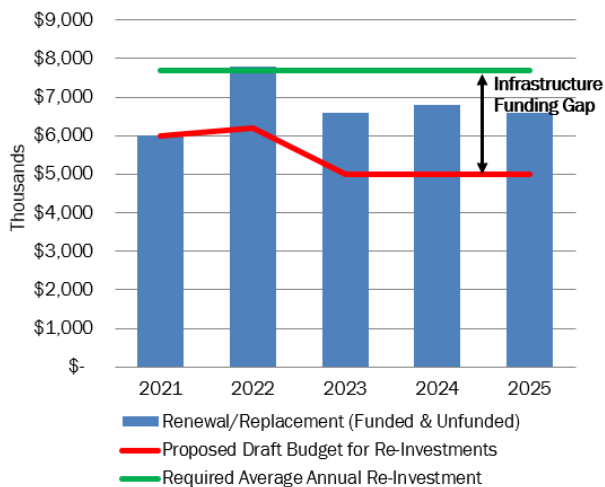
Annual Infrastructure Funding Gap:

AAR – Last 5 years' Avg Re-Investment = \$1.9M

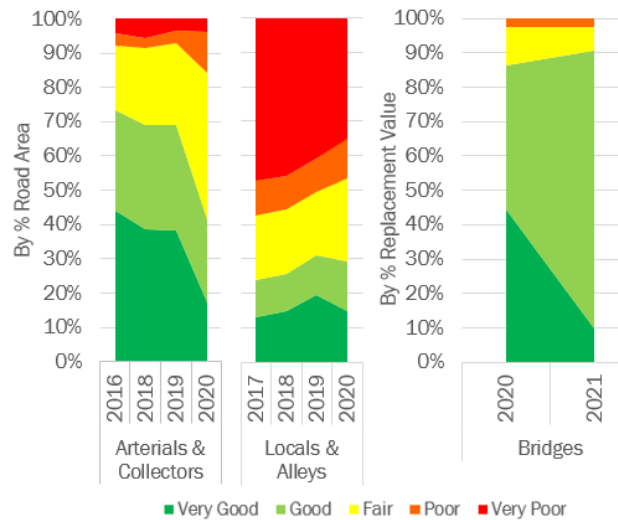
Last 5 Year Capital Funding



Next 5 Year Capital Funding



Condition:



Asset Inventory:

Road Class	Approx. Lane km's
Arterial	317
Major Collector	123
Minor Collector	155
Local	678
Alley	20
Ramps	6
Paved Roads Total:	1,298
Intersections	2.16 km ² (Area)
Gravel Roads	246
Vehicle Bridges	16

SIDEWALK & WALKWAY INFRASTRUCTURE REPORT CARD 2021

Estimated Required Funding:

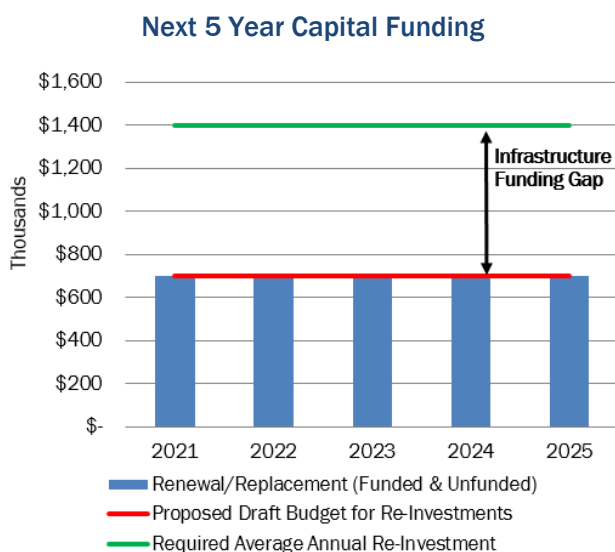
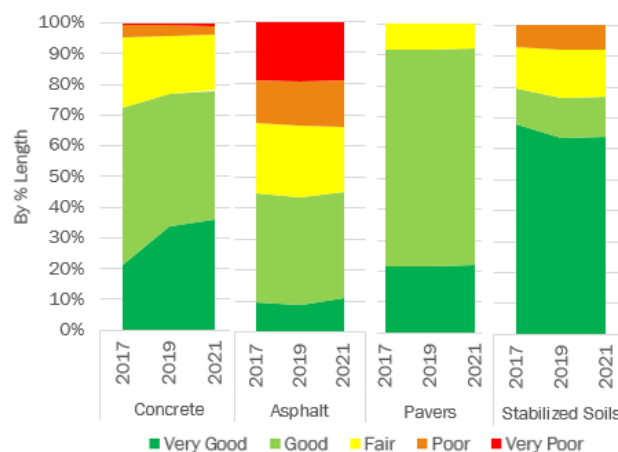
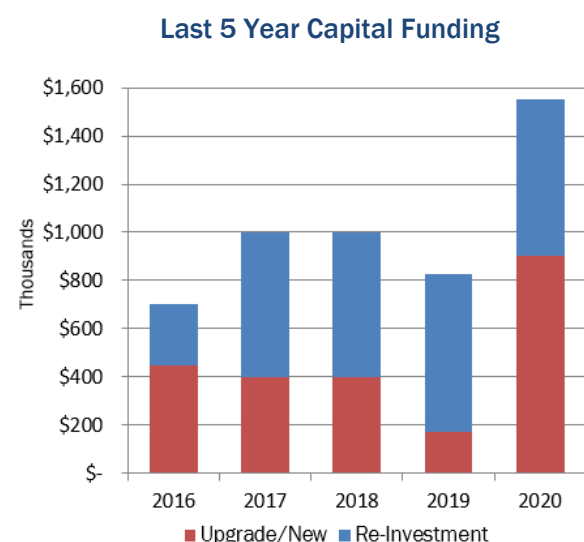
Average Annual Re-Investment (AAR) = \$1.4M

Approximate Replacement Value of Sidewalk & Walkway Assets: \$163M

Annual Infrastructure Funding Gap:

AAR – Last 5 years' Avg Re-Investment = \$0.9M

Condition (both years based on inspections):



Asset Inventory:

Sidewalks	
Surface Type	Length (km's)
Concrete	86
Asphalt	105
Other	4
Total:	195

Walkways (Between Roads)	
Surface Type	Length (km's)
Concrete	0.1
Asphalt	10
Other	3
Total:	13

STORM WATER DRAINAGE INFRASTRUCTURE REPORT CARD 2021

Estimated Required Annual Funding:

(Average Annual Re-Investment- AAR)

Linear = \$4.3M
Facilities = \$0.03M
Total = \$4.33M

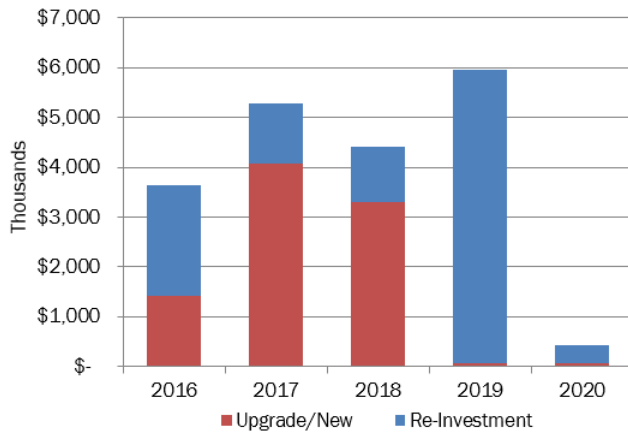
Approximate Replacement Value of Storm Water Drainage Assets:

Linear = \$299M
Facilities = \$1.5M

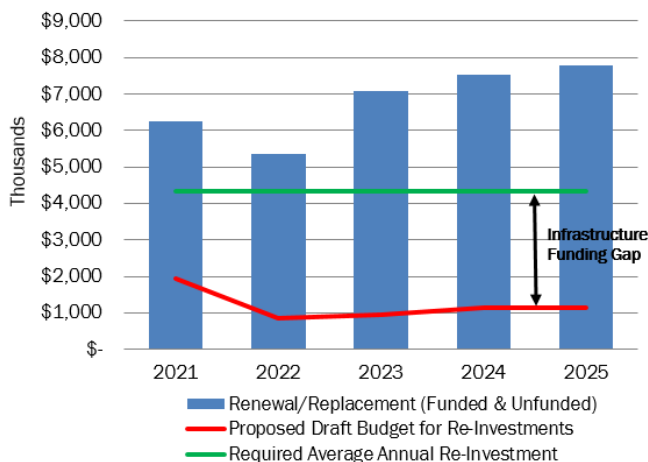
Annual Infrastructure Funding Gap:

AAR – Last 5 years' Re-Investment = \$2.2M

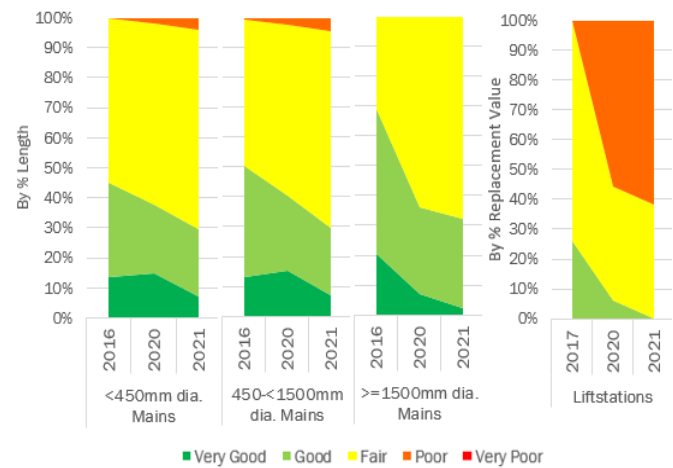
Last 5 Year Capital Funding:



Next 5 Year Capital Funding



Condition (Mains Based on Age):



Asset Inventory:

Asset Type	Approx Length
Gravity Mains	385km
Forcemains	0.15km
Lateral Lines (Services)	42km
Total:	427km

Asset Type	Amount
Catch Basins	5,789
Manholes	4,087
Discharge Points	348
Inlet Structures	220
Storm Lift Stations	6

STREET LIGHTS INFRASTRUCTURE REPORT CARD 2021

Estimated Required Funding:

Average Annual Re-Investment (AAR) = \$1.7M

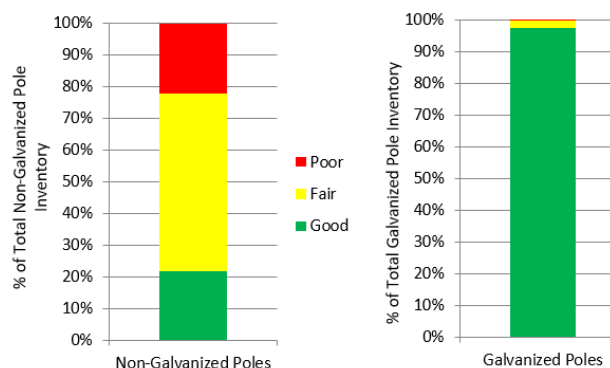
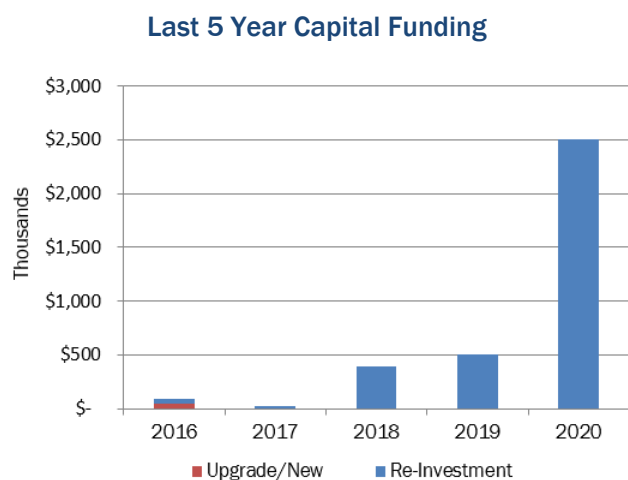
Annual Infrastructure Funding Gap:

AAR – Last 5 years' Avg Re-Investment = \$1.0M

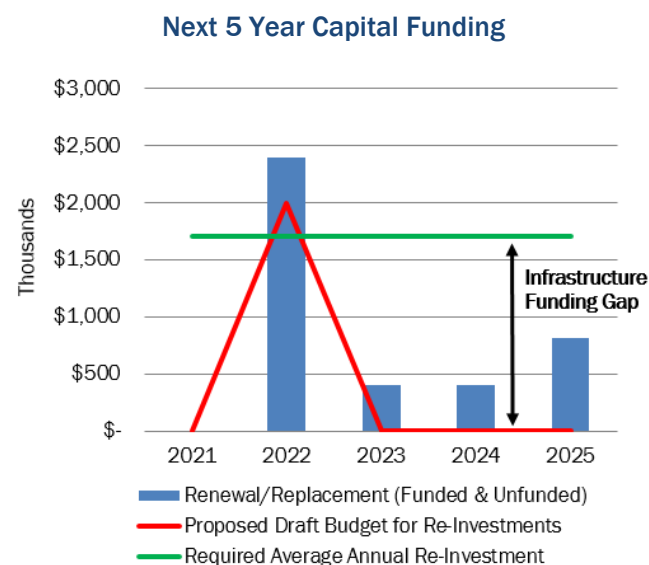
Approximate Replacement Value of Street Lights:

\$107M

Condition:



Condition based on 2018 inspections (poles and lamps).
Funding requirements include underground wiring.



Asset Inventory:

Asset Type	Est. Amount
Galvanized Poles	2,150
Non-Galvanized Poles	2,562
Total:	4,712
Light Fixtures	Est. Amount
LED	1,779
Non-LED	2,910

SANITARY SEWER INFRASTRUCTURE REPORT CARD 2021

Estimated Required Funding:

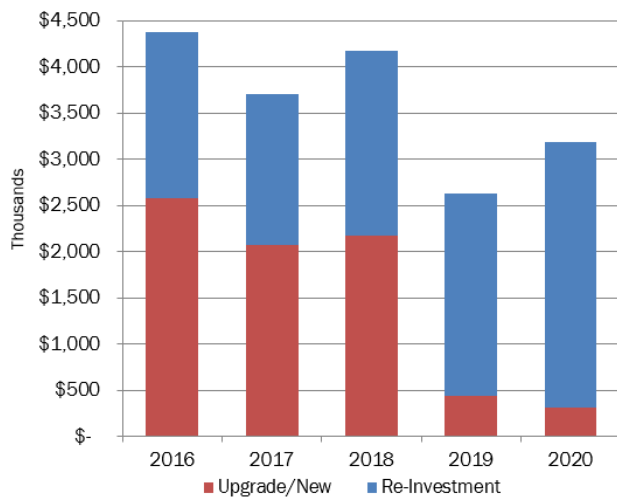
Average Annual Re-Investment (AAR)

Linear = \$4.6M
Facilities = \$1.9M
Total = \$6.5M

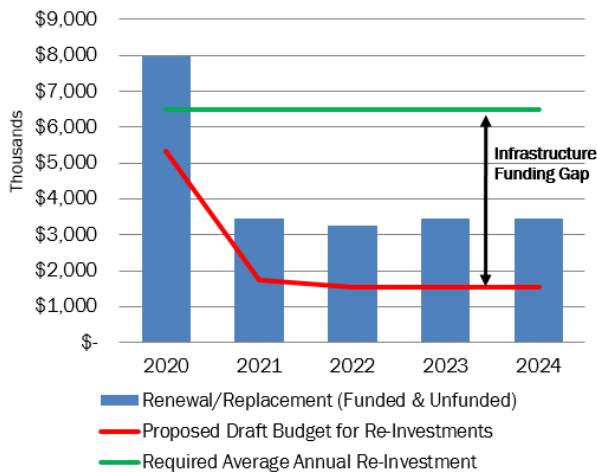
Annual Infrastructure Funding Gap:

AAR - Last 5 years' Avg Re-Investment = \$4.4M

Last 5 Year Capital Funding



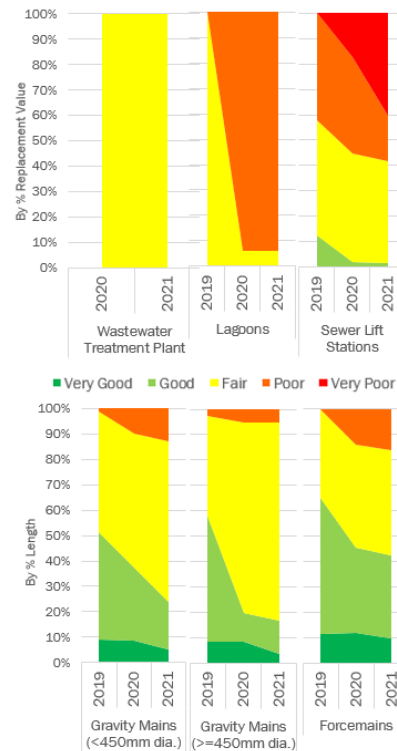
Next 5 Year Capital Funding



Approximate Replacement Value of Sanitary Assets:

Linear = \$469M
Facilities = \$107M

Condition (Mains based on age):



Asset Inventory:

Asset Type	Length
Gravity Mains	455km
Forcemains	17km
Lateral Lines (Service Connections)	227km
Total:	699km

Asset Type	Amount
Sewer Lift Stations	31
Wastewater Treatment Plant	1
Treatment Lagoons	5
Sanitary Chambers	10
System Valves	15
Manholes	5,528

WATER INFRASTRUCTURE REPORT CARD 2021

Estimated Required Funding:

(Average Annual Re-Investment- AAR)

Linear = \$6.8M
Facilities = \$1.6M
Total = \$8.4M

Approximate Replacement Value of Water Assets:

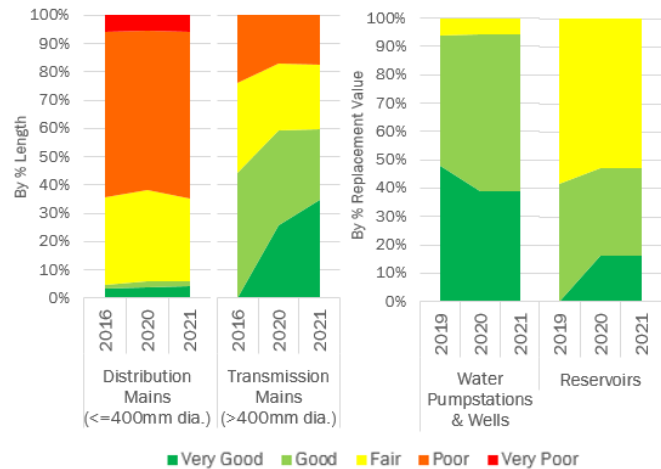
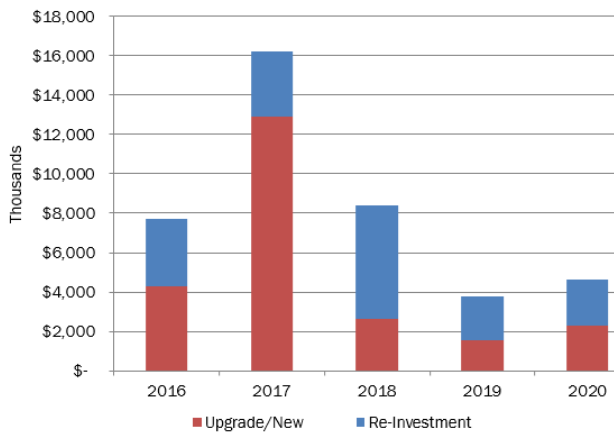
Linear = \$545M
Facilities = \$88M

Annual Infrastructure Funding Gap:

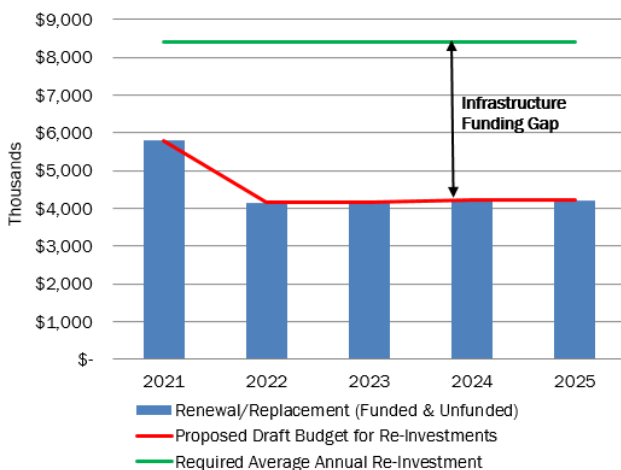
AAR – Last 5 Years' Avg Re-Investment = \$5M

Condition:

Last 5 Year Capital Funding



Next 5 Year Capital Funding



Asset Inventory:

Asset Type	Approx Length
Lateral Lines (Service Connections)	236km
Mains	574km
Total:	810km
Asset Type	Amount
Booster Stations	9
Wells	7
Reservoirs	15
Pressure Reducing Valves	24
System Valves	7,368
Control Valves	236
Hydrants	2,145