



# CIVIC FACILITIES INFRASTRUCTURE REPORT CARD 2021

## Estimated Required Funding:

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

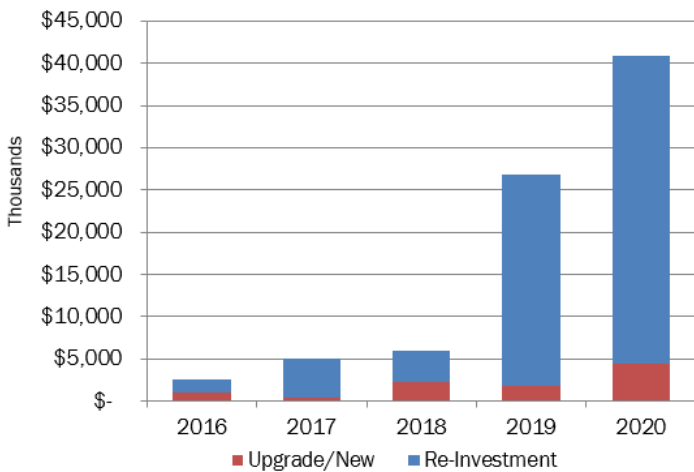
## Annual Infrastructure Funding Gap:

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

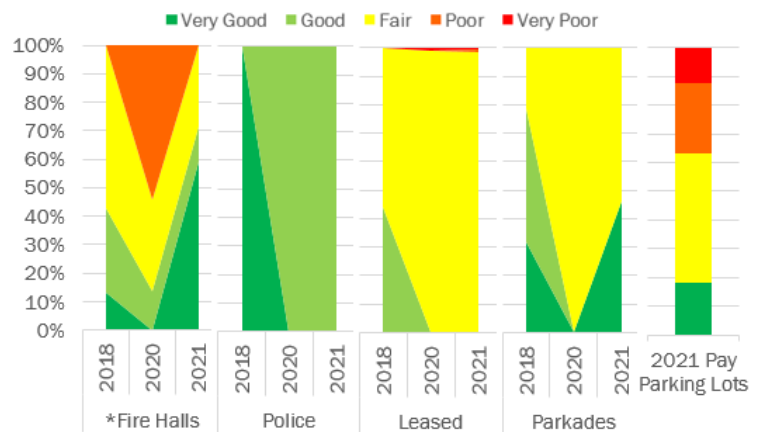
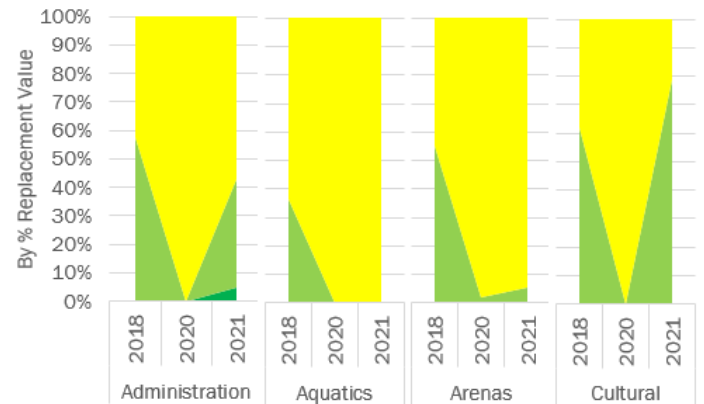
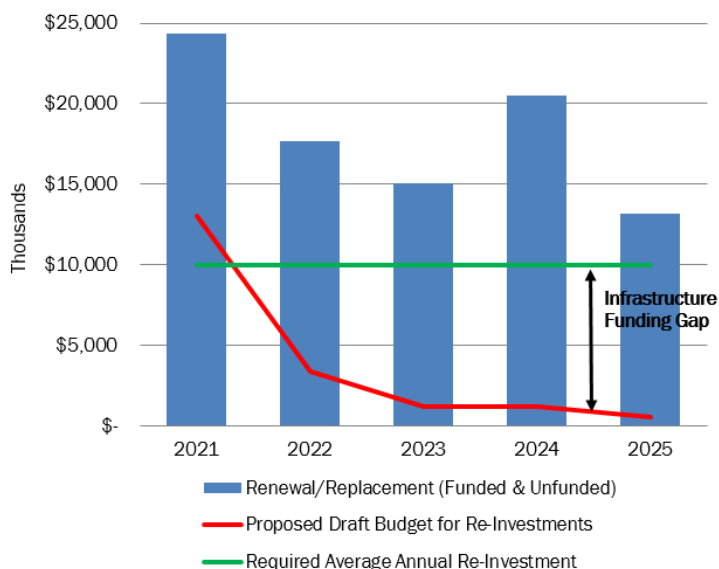
## Approximate Replacement Value of Civic Facilities: \$611M

## Condition (based on visual inspections):

Last 5 Year Capital Funding



Next 5 Year Capital Funding



\* 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 <sup>rd</sup> Party)	22
<b>Total:</b>	<b>56 Buildings</b>



# PARKS & TRAILS INFRASTRUCTURE REPORT CARD 2021

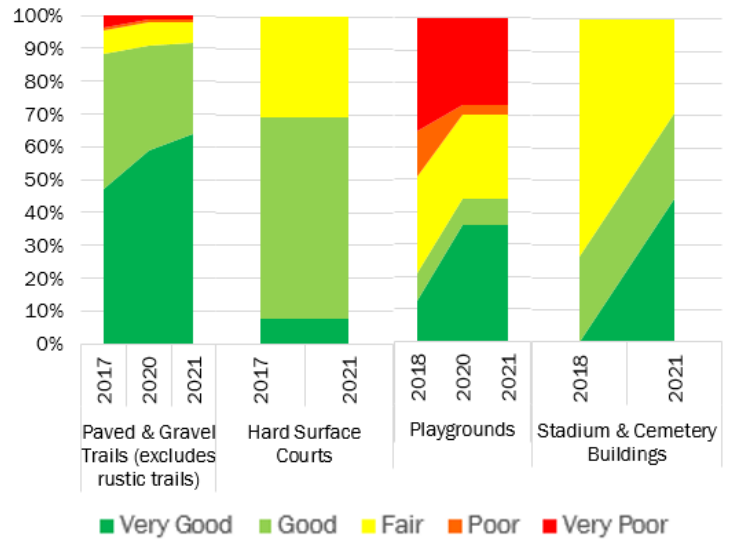
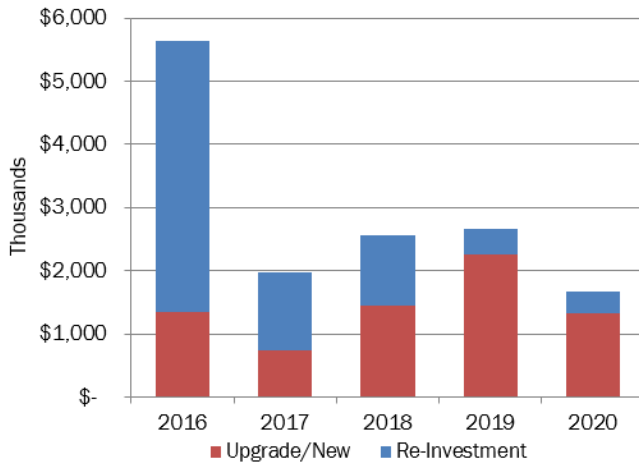
**Estimated Required Funding:**  
Average Annual Re-Investment (AAR) = \$1.1M

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

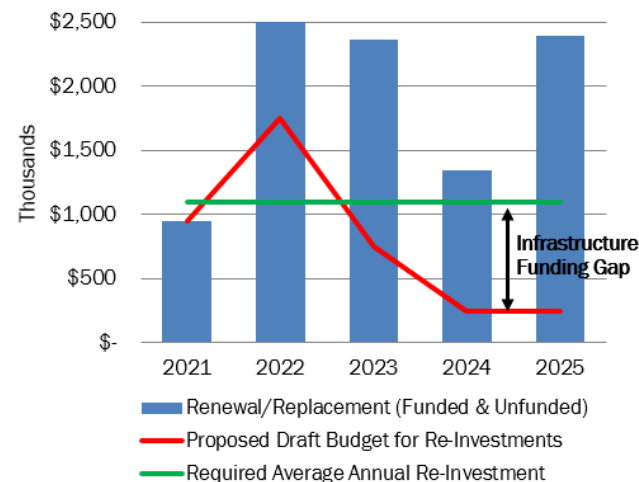
**Annual Infrastructure Funding Gap:**  
AAR – Last 5 Years’ Re-Investment = \$0M  
(No gap currently due to significant re-investment in Masich Stadium. The gap is \$0.6M on average not incl Masich project).

## Condition:

**Last 5 Year Capital Funding**



**Next 5 Year Capital Funding**



## 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:

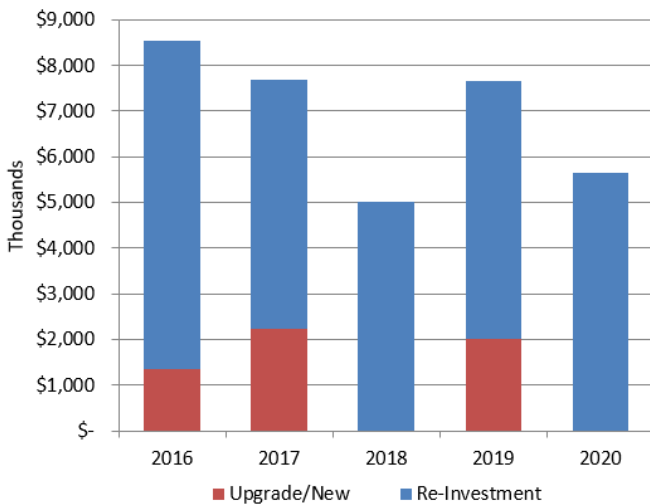
**Average Annual Re-Investment (AAR) = \$7.7M**  
(includes gravel, paved roads, and vehicle bridges)

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

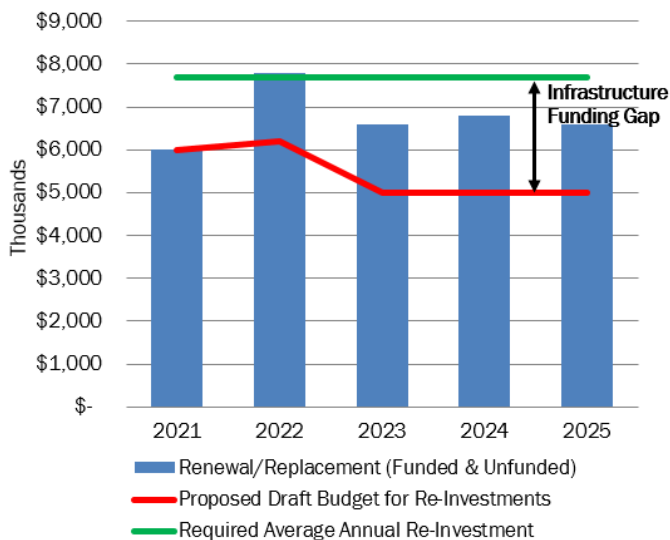
## Annual Infrastructure Funding Gap:

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

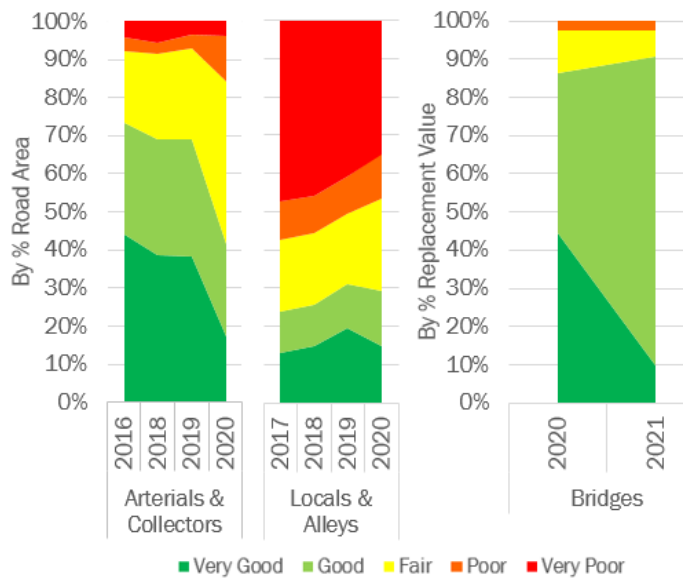
Last 5 Year Capital Funding



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
<b>Paved Roads Total:</b>	<b>1,298</b>
Intersections	2.16 km <sup>2</sup> (Area)
Gravel Roads	246
Vehicle Bridges	16



# SIDEWALK & WALKWAY INFRASTRUCTURE REPORT CARD 2021

## Estimated Required Funding:

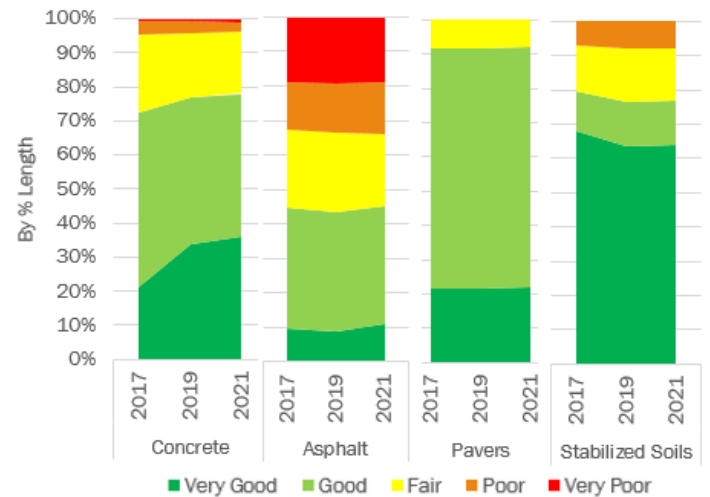
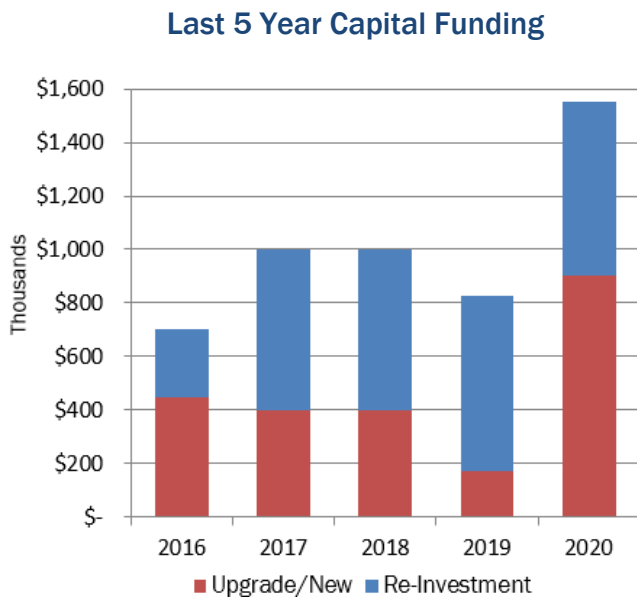
Average Annual Re-Investment (AAR) = \$1.4M

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

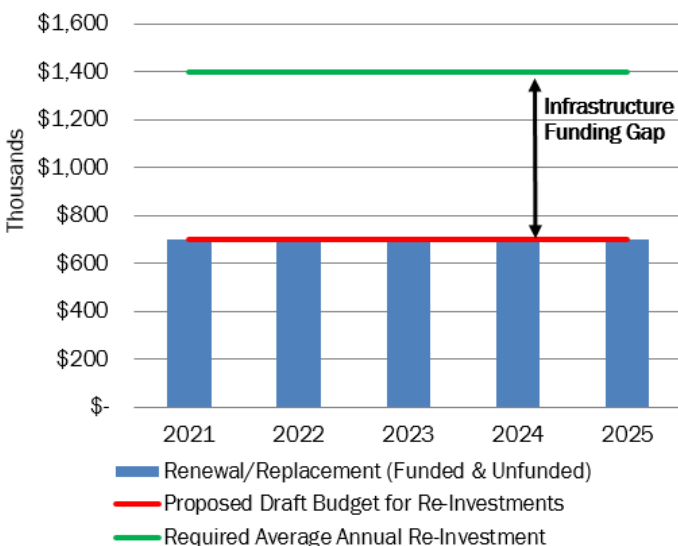
## Annual Infrastructure Funding Gap:

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

## Condition (both years based on inspections):



### Next 5 Year Capital Funding



## Asset Inventory:

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

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



# 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

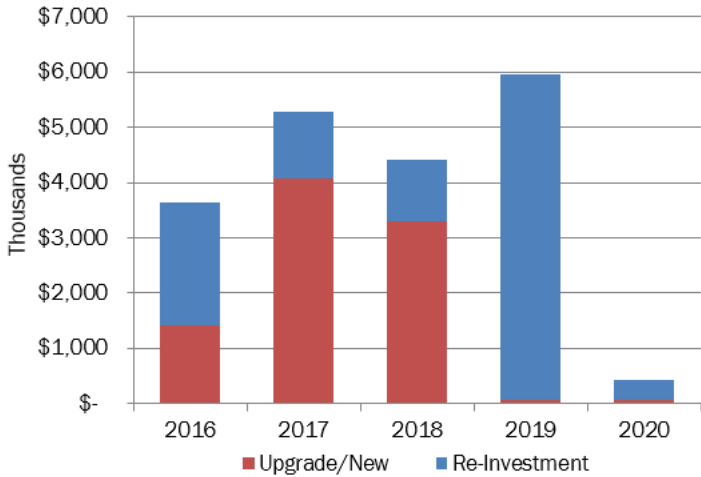
## Approximate Replacement Value of Storm Water Drainage Assets:

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

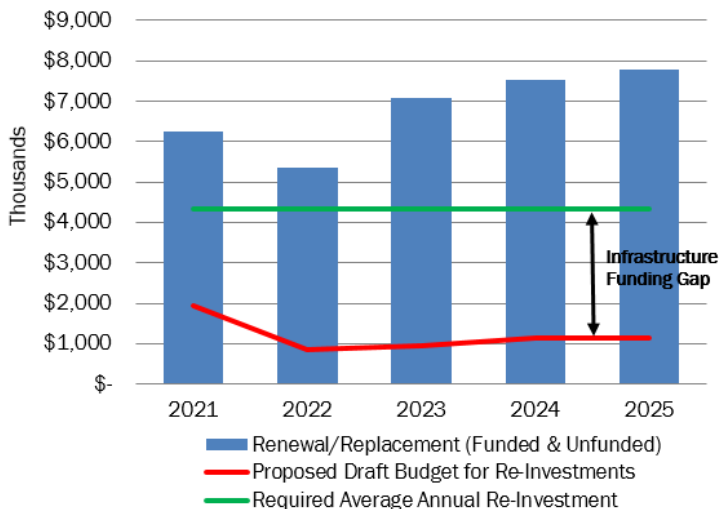
## Annual Infrastructure Funding Gap:

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

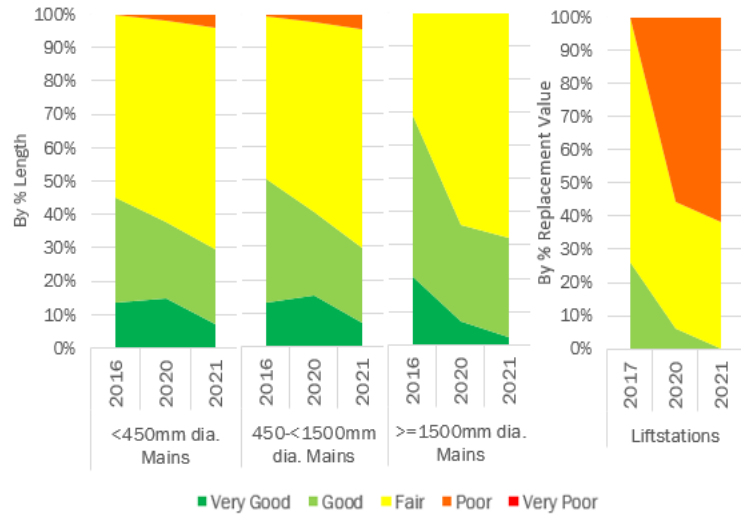
### Last 5 Year Capital Funding:



### Next 5 Year Capital Funding



## Condition (Mains Based on Age):



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

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:

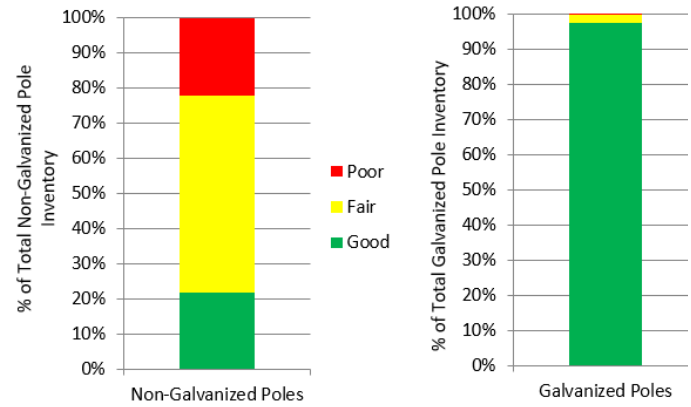
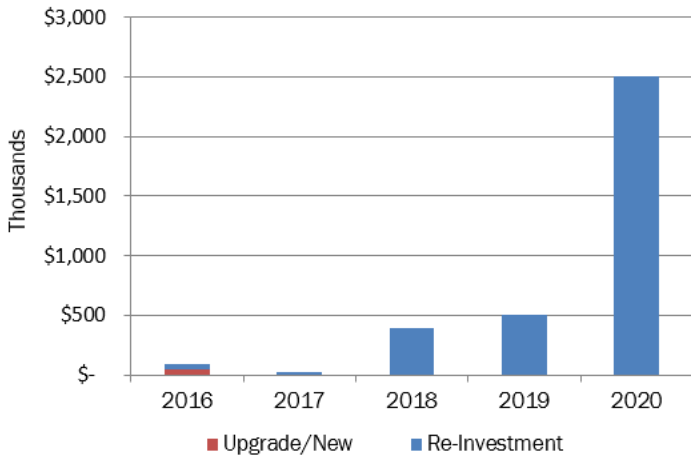
AAR - Last 5 years' Avg Re-Investment = \$1.0M

## Approximate Replacement Value of Street Lights:

\$107M

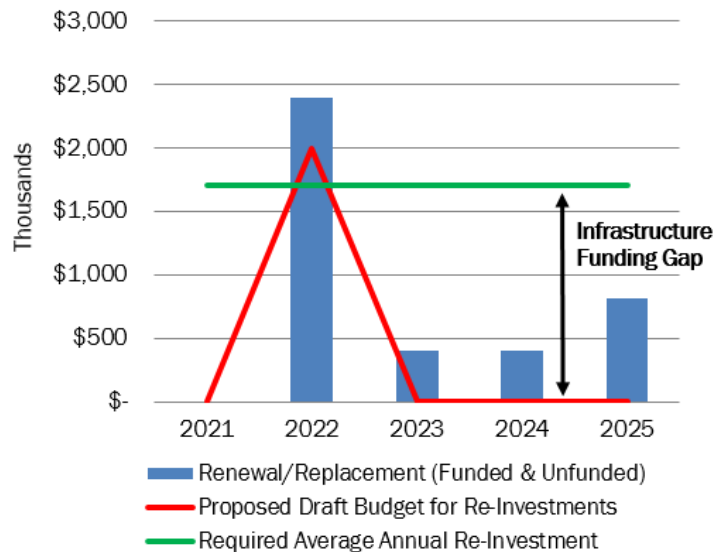
## Condition:

Last 5 Year Capital Funding



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

Next 5 Year Capital Funding



## Asset Inventory:

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



# SANITARY SEWER INFRASTRUCTURE REPORT CARD 2021

## Estimated Required Funding:

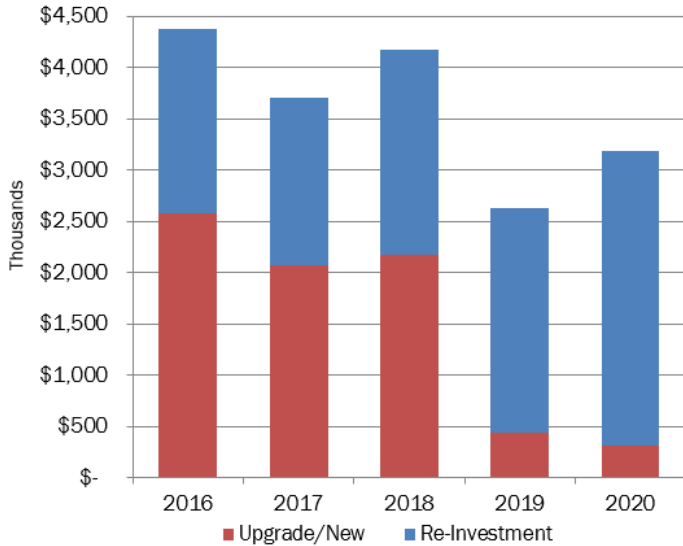
Average Annual Re-Investment (AAR)

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

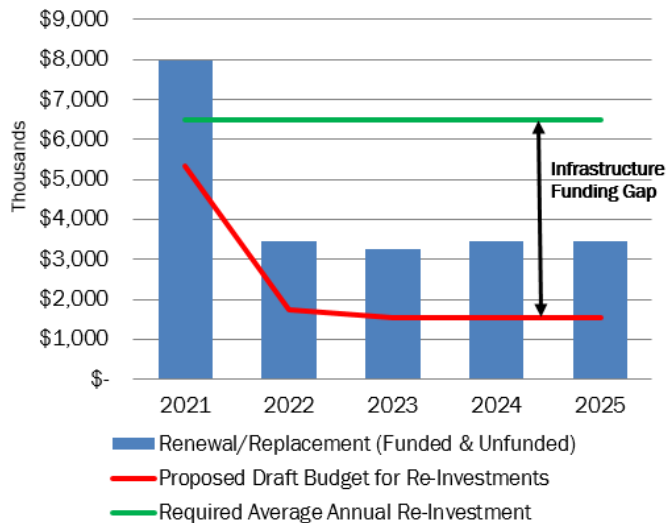
## Annual Infrastructure Funding Gap:

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

### Last 5 Year Capital Funding



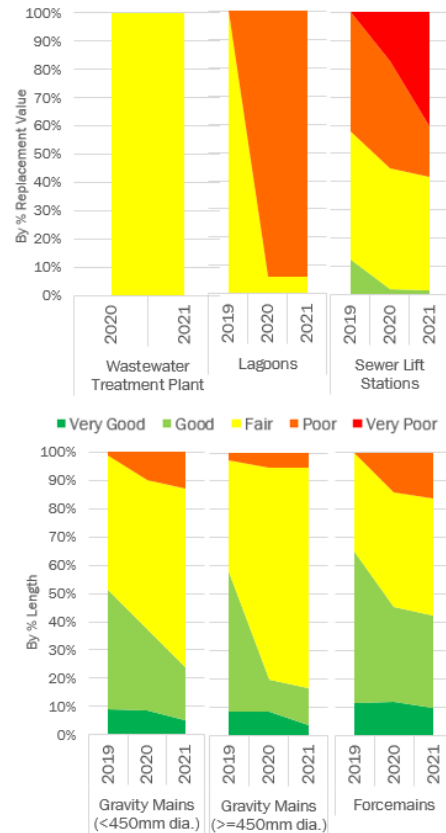
### Next 5 Year Capital Funding



## 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
<b>Total:</b>	<b>699km</b>

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:

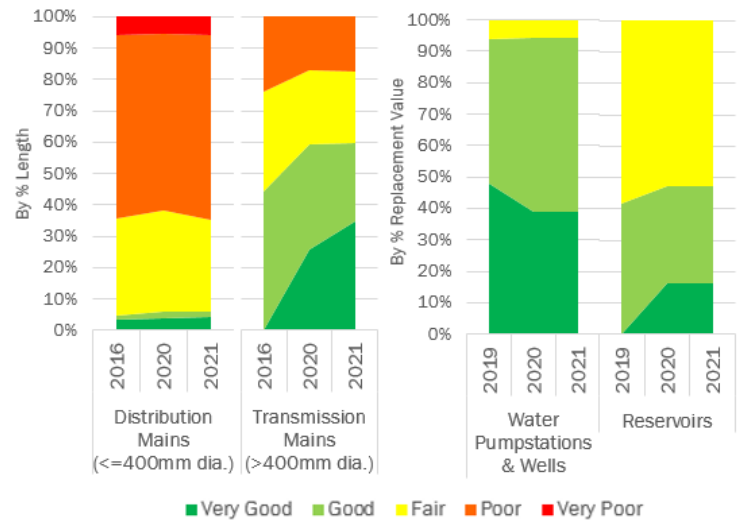
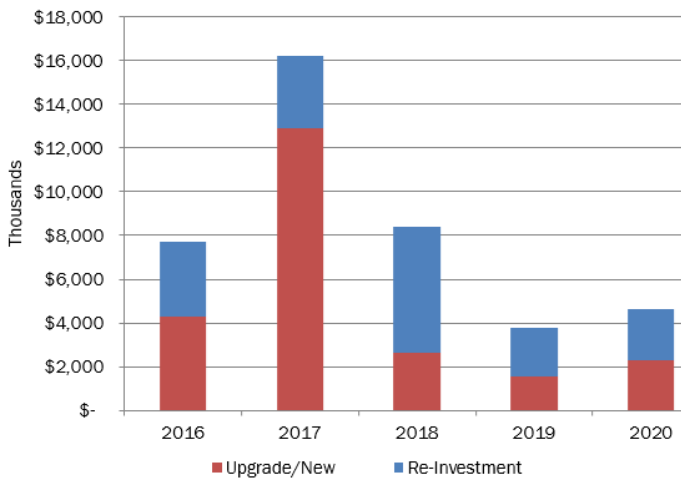
Linear = \$545M  
 Facilities = \$88M

## Annual Infrastructure Funding Gap:

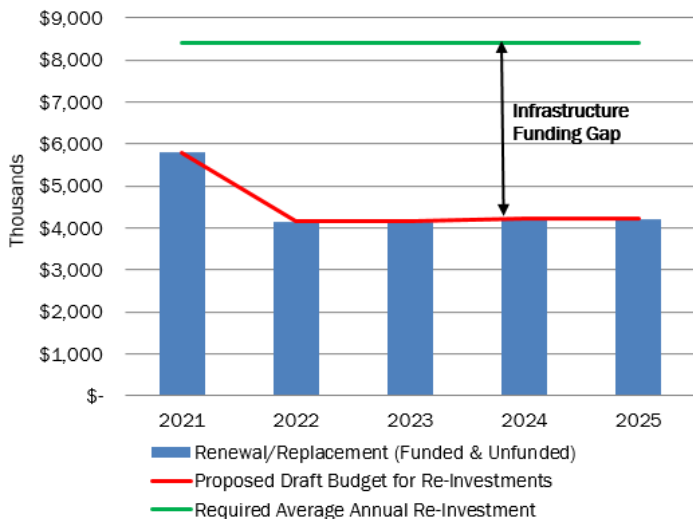
AAR - Last 5 Years' Avg Re-Investment = \$5M

## 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