

1. Department / Function: Housing

Details of Project/Study: **Capital Purchases - Chatsworth**

2. Total Gross Cost of Proposed Capital Project/Study: \$184,800

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$184,800		

2019 - One Mandoor \$2,000 2021 - Office/Depot Roof \$175,000 2021 - Replace Bathroom Fixtures \$2,400 2021 - Hot Water Tank and Water Treatment System \$5,400

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$0	\$0	\$2,000	\$0	\$182,800	\$184,800
Net	\$0	\$0	\$2,000	\$0	\$182,800	\$184,800

3. Estimated Useful Life:

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality

5. Need or Benefit(s) of Project (including safety issues):

As per the Building Condition Assessment, the mandoor on the Chatsworth Shop is at or past its expected lifecycle and there is a need for it to be updated. The Office Depot Roof is flat in structure and should be reviewed for upgrading to prevent premature leaking. Bathroom fixtures in this municipal building should be assessed for replacement due to their high use. The Hot Water Tank and Water Treatment systems should be reviewed for possible replacement at the end of their expected lifecycle.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$8,000	\$0	\$0	\$2,000	\$0	\$10,000
Net	\$8,000	\$0	\$0	\$2,000	\$0	\$10,000

7. Consequences/Implications of Not Undertaking Project (including alternatives):

The mandoor, if not replaced will cause other components to deteriorate and may contribute to heat loss in the winter. The Office / Depot roof needs to be assessed to prevent the flat roof structure from leaking which will cause distress and damage to internal building components. The replacement of bathroom fixtures should be reviewed for replacement as needed to ensure that they are functioning properly due to the high and frequent use of these components. The Hot Water Tank should be replaced near the end of its expected manufacturers lifecycle to before the unit starts leaking due to the deterioration of internal components. The Water Treatment System should be assessed to ensure it is functioning properly. This system ensures that there is no damage caused to plumbing and faucets due to the hard water at the Depot. Also the water is used for washing the County's Fleet of vehicles, if the water treatment system is not functioning properly the hard water could damage external components of the vehicles.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$0
2018	\$0

2019	\$2,000
2020	\$0
2021	\$182,800
Total	\$184,800

9. Compliance with Council objective/strategic plan (if applicable):

Action Item 1.6 of the County Corporate Strategic Plan indicates that the County should “accelerate the commitment to lifecycle planning for long-term investment in county-owned capital assets.” Replacing building components at the end of their useful life is consistent with this objective.

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

1. Department / Function: Housing

Details of Project/Study: **Capital Purchases - Clarksburg**

2. Total Gross Cost of Proposed Capital Project/Study: \$9,700

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$9,700		

2017 - Clarksburg Depot Lighting \$4,500 2021 - Clarksburg Depot Plumbing Fixtures \$3,700
2021 - Clarksburg Depot Pressure Tank \$1,500

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$4,500	\$0	\$0	\$0	\$5,200	\$9,700
Net	\$4,500	\$0	\$0	\$0	\$5,200	\$9,700

3. Estimated Useful Life:

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality

5. Need or Benefit(s) of Project (including safety issues):

As per the Building Condition Assessment and the corroded condition of the electrical panels they have reached a condition that will likely pose a risk to the overall integrity of the electrical needs of the buildings. Lighting at the Clarksburg Depot is outdated and more energy efficient LED fixtures will help to reduce electricity usage. Plumbing fixtures need to be reviewed due to high use of these components in a municipal building. Windows have reached their efficient lifecycle. Pressure Tank needs to be reviewed to ensure it has not reached the end of its lifecycle. Replacement should only be if necessary.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$23,000	\$0	\$0	\$0	\$0	\$23,000
Net	\$23,000	\$0	\$0	\$0	\$0	\$23,000

7. Consequences/Implications of Not Undertaking Project (including alternatives):

Cost effective and energy efficient fixtures. New windows will help to save on energy costs and help reduce heat loss.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$4,500
2018	\$0
2019	\$0
2020	\$0
2021	\$5,200
Total	\$9,700

9. Compliance with Council objective/strategic plan (if applicable):

Action Item 1.6 of the County Corporate Strategic Plan indicates that the County should “accelerate the commitment to lifecycle planning for long-term investment in county-owned capital assets.” Replacing building components at the end of their useful life is consistent with this objective.

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

1. Department / Function: Housing

Details of Project/Study: **Capital Purchases - Markdale Dome**

2. Total Gross Cost of Proposed Capital Project/Study: \$41,700

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$41,700		

2017 - Electrical Panels \$2,300 2018 - Parking Lot Paving \$39,400

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$2,300	\$39,400	\$0	\$0	\$0	\$41,700
Net	\$2,300	\$39,400	\$0	\$0	\$0	\$41,700

3. Estimated Useful Life:

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality

5. Need or Benefit(s) of Project (including safety issues):

The electrical panel should be upgraded as per schedule to ensure that the electrical components meet code. The need for parking lot paving should be reviewed by staff to determine if the expenditure is warranted. This dome is underutilized by transportation operations.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$0	\$0	\$0	\$0	\$0	\$0
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

The electrical panel should be upgraded to ensure that it meets code and is not in state of decay due to the environment that it is in.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$2,300
2018	\$39,400
2019	\$0
2020	\$0
2021	\$0
Total	\$41,700

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

1. Department / Function: Housing

Details of Project/Study: **Capital Purchases - Dundalk**

2. Total Gross Cost of Proposed Capital Project/Study: \$30,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$30,000		

2017 - New Asphalt \$30,000

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Net	\$30,000	\$0	\$0	\$0	\$0	\$30,000

3. Estimated Useful Life:

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality

5. Need or Benefit(s) of Project (including safety issues):

There is currently no asphalt in heavily travelled areas of the maintenance yard which makes it difficult to clean up salt and sand that is spilled while loading trucks during winter operations.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$9,000	\$30,000	\$0	\$0	\$0	\$39,000
Net	\$9,000	\$30,000	\$0	\$0	\$0	\$39,000

7. Consequences/Implications of Not Undertaking Project (including alternatives):

Asphalt paving in the Dundalk Yard will provide a more efficient way to clean up sand and salt spillage and make it easier to clean up yard during winter operations. Less impact on surrounding environment.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$30,000
2018	\$0
2019	\$0
2020	\$0
2021	\$0
Total	\$30,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

1. Department / Function: **Housing**

Details of Project/Study: **Capital Purchases - Dundalk Shop
Facilities**

2. Total Gross Cost of Proposed Capital Project/Study: \$300,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$300,000

At the Dundalk location, there are currently two structures - a shop and a sand dome. The current condition of the older section of the shop, which is estimated to be some 50 – 55 years old, is fair at best. A second phase of the shop consisting of three bays was added sometime in the 1970's. A recent visual inspection by staff has recognized a need to evaluate the condition of some of the structural components of these two older sections. The overall assessment is fair to poor. At issue is the condition of the main steel beam supports in the portion that was constructed in the 70's. These supports are severely corroded there is also a need to immediately replace the roof, estimated to cost \$10,000. It is to be noted that there are a number of unlisted items that will need to be addressed beyond the obvious, which could cost an additional amount of money still to be determined. It has been recognized that there will be a requirement to replace the shingles on the sand dome, as well as some structural repairs completed before the shingles are installed, which has been estimated to cost \$60,000. In the 2015 budget, a new salt shed structure was planned, at a cost of \$30,000, but was not undertaken, as other options were considered. A structural engineer will be retained in 2016 to ascertain the structural integrity of the Dundalk shop building, and the Transportation Services department will use the results to help formulate a plan for the future of the Dundalk site. For the 2017-2021 plan, an amount of \$60,000 per year will be put into reserve to help finance the planned course of action.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000
Net	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000

3. Estimated Useful Life:

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality

5. Need or Benefit(s) of Project (including safety issues):

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$300,000	\$0	\$0	\$0	\$0	\$300,000
Net	\$0	\$0	\$0	\$0	\$0	\$0

7. Consequences/Implications of Not Undertaking Project (including alternatives):

8. Identify Sources and Amounts of Funding

	From Reserve - Patrol D Depot Reserve	Taxation
2017	\$0	\$60,000
2018	\$0	\$60,000
2019	\$0	\$60,000
2020	\$0	\$60,000
2021	\$0	\$60,000
Total	\$0	\$300,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

1. Department / Function: Housing

Details of Project/Study: **Capital Depot Repairs - Miscellaneous**

2. Total Gross Cost of Proposed Capital Project/Study: \$106,000

Construction	Consultant/Contractor	Equipment	Other (Specify)
	\$106,000		

This is for miscellaneous repairs such as building exterior & interior, site work, electrical, mechanical. The Transportation Department owns 24 buildings, whose historical cost is greater than \$4,000,000. An annual miscellaneous repair budget of \$21,000 is approximately 0.5% of the historical cost of the buildings.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	\$105,000
Net	\$21,000	\$21,000	\$21,000	\$21,000	\$21,000	\$105,000

3. Estimated Useful Life:

4. Location of Project/Study (if applicable):

Facility Name / Address	Municipality

5. Need or Benefit(s) of Project (including safety issues):

To complete timely capital repairs on the Depots.

6. Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:

	2016	2017	2018	2019	2020	Total
Gross	\$22,000	\$21,000	\$21,000	\$21,000	\$21,000	\$106,000
Net	\$22,000	\$21,000	\$21,000	\$21,000	\$21,000	\$106,000

7. Consequences/Implications of Not Undertaking Project (including alternatives):

Failure to complete these repairs will result in more costly repairs.

8. Identify Sources and Amounts of Funding

	Taxation
2017	\$21,000
2018	\$21,000
2019	\$21,000
2020	\$21,000
2021	\$21,000
Total	\$105,000

9. Compliance with Council objective/strategic plan (if applicable):

10. Ongoing Financial/Staffing/Legal/IT Implications (if applicable):

1. **Department / Function: Housing**

Details of Project/Study: **Dome/Depot Repairs and Replacement Reserves**

2. **Total Gross Cost of Proposed Capital Project/Study: \$828,800**

Construction	Consultant/Contractor	Equipment	Other (Specify)
			\$828,800

Funds are transferred into a Dome/Depot Repair and Replacement Reserve in order to have sufficient funding for future expenses.

Cost of Proposed Capital Project/Study in 2017-2021 Program:

	2017	2018	2019	2020	2021	Total
Gross	\$182,200	\$179,600	\$217,000	\$219,000	\$31,000	\$828,800
Net	\$182,200	\$179,600	\$217,000	\$219,000	\$31,000	\$828,800

3. **Estimated Useful Life: NA**

4. **Location of Project/Study (if applicable):**

Facility Name / Address	Municipality
Various locations throughout County	

5. **Need or Benefit(s) of Project (including safety issues):**

There are 15 sand/salt storage structures within the County system. The life of the dome structure is estimated at 25 – 30 years. As these structures deteriorate they will have to be repaired and/or replaced. The condition of each structure is being monitored annually to see if replacement of a particular structure can be extended to a future year.

6. **Scheduling and Cost of Project/Study in 2016-2020 Capital Plan:**

	2016	2017	2018	2019	2020	Total
Gross	\$136,000	\$189,000	\$219,000	\$217,000	\$219,000	\$980,000
Net	\$136,000	\$189,000	\$219,000	\$217,000	\$219,000	\$980,000

7. **Consequences/Implications of Not Undertaking Project (including alternatives):**

Inconsistencies with annual funding could result from one or more domes needing replacement in future years.

8. **Identify Sources and Amounts of Funding**

	To Reserve - Transportation Services Dome Depot Replacement
2017	\$182,200
2018	\$179,600
2019	\$217,000
2020	\$219,000
2021	\$31,000

Total	\$828,800
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9. **Compliance with Council objective/strategic plan (if applicable):**

10. **Ongoing Financial/Staffing/Legal/IT Implications (if applicable):**

Material Storage Facilities in Grey County, as of April 2016

Location	Type	Ownership by Grey County	Ownership by Township	Ownership by MTO	Property Ownership
Patrol "A"					
Chatsworth	Dome	100%	0%	0%	County
Chatsworth	Salt Shed	100%	0%	0%	County
Keppel Twp	Shed	50%	50%	0%	Township
Sarawak Twp	Shed	60%	40%	0%	Township
Patrol "B"					
Clarksburg	Dome	57%	43%	0%	County
Clarksburg	Salt Shed	100%	0%	0%	County
Kimberley	Dome	100%	0%	0%	County
Pendleton	Dome	100%	0%	0%	County
Patrol "C"					
Ayton	Dome	100%	0%	0%	County
Ayton	Salt Shed	100%	0%	0%	County
Egremont	Shed	100%	0%	0%	County
Patrol "D"					
Flesherton	Dome	0%	0%	100%	MTO
Flesherton	Salt Shed	0%	0%	100%	MTO
Feversham	Dome	55%	45%	0%	County
Dundalk	Dome	100%	0%	0%	County