Township of Adjala-Tosorontio

2025 COMPLETE ASSET MANAGEMENT PLAN

Table of Contents

1. Executive Summary

1.1. State of Infrastructure

The State of infrastructure can be characterized according to their total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 2,254 units with a total replacement cost of $197,336,000, an average age of 28 years, an average condition of 43% and an average service life of 47 years. Table 1 – Township State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025.

Table 1 – Township State of Infrastructure

Characteristic	Value
Total Quantity	2254 Units
Total Replacement Cost	$197,336,000
Average Age	28 Years
Average Condition	43%
Average Service Life	47 Years

1.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 2 – Township Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $1,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the plan.

Table 2 – Township Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$6,277,000	$6,275,000	$2,000
2027	$2,000	$6,454,000	$6,453,000	$3,000
2028	$3,000	$6,616,000	$6,618,000	$2,000
2029	$2,000	$6,780,000	$6,781,000	$1,000
2030	$1,000	$6,967,000	$6,967,000	$1,000
2031	$1,000	$7,135,000	$7,133,000	$2,000
2032	$2,000	$7,259,000	$7,260,000	$2,000
2033	$2,000	$7,376,000	$7,375,000	$2,000
2034	$2,000	$7,485,000	$7,487,000	$0
2035	$0	$7,582,000	$7,581,000	$1,000

1.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of 673 units will be replaced at a total cost of $69,930,000. Table 3 – Township Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 3 – Township Lifecycle Strategy

Year	Total Replacements	Project Cost
2026	66 Units	$6,275,000
2027	60 Units	$6,453,000
2028	63 Units	$6,618,000
2029	62 Units	$6,781,000
2030	56 Units	$6,967,000
2031	102 Units	$7,133,000
2032	66 Units	$7,260,000
2033	62 Units	$7,375,000
2034	64 Units	$7,487,000
2035	72 Units	$7,581,000
Total =	673 Units	$69,930,000

1.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $69,931,000 and a minimum average condition of 29%. Table 4 – Township Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 4 – Township Levels of Service

Year	Average Condition	Total Annual Investment
2026	40%	$6,277,000
2027	38%	$6,454,000
2028	37%	$6,616,000
2029	35%	$6,780,000
2030	32%	$6,967,000
2031	33%	$7,135,000
2032	32%	$7,259,000
2033	30%	$7,376,000
2034	30%	$7,485,000
2035	29%	$7,582,000
	Total =	$69,931,000

2. Introduction

This complete asset management plans covers all asset categories from both previously completed core and non-core asset management plans. There are five (5) core asset categories including: Structures (Bridges and Culverts); Roads (Asphalt, Chipseal and Gravel); Drinking Water (Pipes, Appurtenances, Facilities and Equipment), Wastewater (Pipes, Appurtenances and Facilities); and Stormwater (Pipes, Appurtenances and Facilities). There are four (4) non-core asset categories including: Parks and Facilities (Buildings, Playgrounds and Sports Fields); Fire Department (Fire Trucks and Bunker Gear), Fleet (Vehicles and Machines); and Information Technology (Computers). Please note that the specific asset types for each asset category were included in parentheses following the separate asset categories listed in the preceding two sentences. This complete (core and non-core) asset management plan brings the Township into compliance with the 2025 requirements of O. Reg. 588/17.

Starting from first principles, an asset management plan is a strategic document for the management of a group of assets broken up into categories and their associated types over the duration of a planning horizon. Although not explicitly defined in regulation, please note that asset management plan refers to whole document for all asset types whereas asset management subplan refers to one asset type only. As will be discussed in detail in the following chapter, an asset management subplan comprises four components including: State of Infrastructure; Financing Strategy; Lifecycle Strategy; and Level of Service. A complete asset management plan includes all four components in subplans whereas previous core and non-core asset management plans didn't include financing strategies in their subplans. The contents of this asset management plan are summarized in Table 5 – Complete Asset Management Plan Outline which outlines the comprehensive long-term asset management plan for the Township's capital assets over a 10-year planning horizon (2026-2035).

Table 5 – Complete Asset Management Plan Outline

Section	Description
Chapter 1	Executive Summary: Summarizes key findings and recommendations of the asset management plan.
Chapter 2	Introduction: Introduces objective and scope of an asset management plan along with regulatory requirements.
Chapter 3	Background: outlines and defines requirements for state of infrastructure, levels of service, lifecycle management strategies and population growth assumptions.
Chapter 4	Asset Management Subplans Summarizes the state of infrastructure, financing strategy, lifecycle strategy and level of service for asset each asset type.
Chapter 5	Conclusion: Summarizes the asset management plan and outlines next steps including implementation and monitoring along with recommendations for improving future iterations of the asset management plan.

3. Background

In order to understand the Township's complete asset management plan (AMP), hereinafter referred to as plan for convenience purposes, it is necessary to further describe state of infrastructure, financing strategy, lifecycle strategy and level of service introduced in the previous chapter. These four sections can be understood as follows: (i) state of infrastructure – baseline characteristics of a type of asset at the beginning of a planning horizon; (ii) financing strategy – capital budgets committed to a type of asset per year over the duration of a planning horizon; (iii) lifecycle strategy – maintenance activities planned for a type of asset per year over the duration of a planning horizon; and (iv) level of service – performance measures expected from a type of asset per year over the duration of a planning horizon. Importantly, each of the four components of an asset management plan must work together as integrated components not separated components.

The Asset Management Planning for Municipal Infrastructure Regulation (O.Reg. 588/17, hereinafter referred to as asset management regulation for convenience purposes, regulates asset management plans in Ontario. Subsection 5(1) states that every municipality shall prepare an asset management plan in respect of its core municipal infrastructure assets on or before July 1, 2022, and in respect of all of its other municipal infrastructure assets on or before July 1, 2024. Both core and non-core asset management were required to include state of infrastructure, lifecycle strategy and level of service components but not financing strategy component. The Township has completed its core asset management plan and non-core asset management plan, and both plans are currently posted on the Township's website. Subsection 6(1) states that every municipality shall prepare a complete asset management plan on or before July 1, 2025. Complete asset management is required to include state of infrastructure, financing strategy, lifecycle strategy and level of service components.

The details of each component will be further described in the sub-sections of this chapter but at a high-level, the Township internally developed a three-tier computer program, hereinafter referred to as program for convenience purposes, to integrate components. This three-tier computer program includes the following tiers: (i) Database tier stores assets in SQL Server database; (ii) Application tier calculates asset management in C# application; and (iii) Report tier presents asset management plan to windows console. In addition to windows console which comes free with Microsoft Windows, two free software tools were also used in the development of the three tier program including SQL Server 2022 Express for database tier and Visual Studio Community Edition 2022 for application/report tiers. Hereinafter, three tiers are referred to as database, application and report respectively for convenience purposes. How three tiers interrelate with one another can be summarized as database feeds application which in turn feeds report. How each of the four components work together are now described in the following four sub-sections of this chapter.

3.1. State of Infrastructure

3.1.1. Definitions

The state of infrastructure is the baseline characteristics of a type of asset at the beginning of a planning horizon. These baseline characteristics can be understood as five questions for each asset type: (i) What is the total quantity? (ii) What is the total replacement cost? (iii) What is the average age? (iv) What is the average condition? (v) What is the average service life? First, total quantity is the sum of units of all assets of an asset type. Second, total replacement cost is the sum of expenditures to restore all assets of an asset. Third, average age is the mean period of all assets of an asset type. Fourth, average condition is the typical fitness of all assets of an asset type. Fifth, average service life is the typical lifespan of all assets of an asset type. Together, the answers to these five questions represent the state of infrastructure of a type of asset.

3.1.2. Regulations

Subsection 5(2)3 of asset management regulation stipulates requirements as it pertains to the state of infrastructure. Specifically, the state of infrastructure is defined for each asset type as the following: (i) summary of the assets in the type; (ii) the replacement cost of the assets in the type; (iii) the average age of the assets in the type; (iv) information available on the condition of the assets in the type; and (v) a description of the municipality's approach to assessing the condition of the assets in the type, based on recognized and generally accepted good engineering practices where appropriate.

3.1.3. Program

The state of infrastructure is implemented across the database, application and report tiers of the program. Please note that program can only run on one type of asset at a time but can run on all different types of assets. In the database, twelve (12) properties are stored for each asset which are also summarized in Appendices 1-23 of this report,. These twelve properties include: (i) AssetAID (Asset ID in asset management system); (ii) AssetDID (Asset ID in department, if applicable); (iii) AssetType (Type of Asset); (iv) AssetSubtype (Subtype of Asset, if applicable); (v) AssetCategory (Group of Assets); (vi) AssetPast (Year of Asset Acquisition/Construction); (vii) AssetSpan (Service Life of Asset in Years); (viii) ConditionPast (Year of Condition Rating Evaluation); (ix) ConditionRating (Condition Rating of Asset); (x) ReplacementPast (Year of Replacement Cost Estimate); (xi) ReplacementCost (Replacement Cost of Asset); and (xii) ReplacementFuture (Year of Planned Asset Replacement). In the application, replacement cost and condition of all assets are normalized every year by inflating cost estimates at a standard rate of three percent per year and deteriorating condition assessments at an equal proportion based on service life per year. The program then outputs total quantity, total replacement cost, average age, average condition and average service life in report every year which is summarized for base year of 2025 in state of infrastructure table in each asset management subplan, but it is incorporated into other modules for all other years.

3.2. Lifecycle Strategy

3.2.1. Definitions

The lifecycle strategy is the maintenance activities planned for a type of asset over the duration of a planning horizon. These maintenance activities can be understood as one question for each asset type: (i) what is replacement frequency? Together, the answer to this one question represents the lifecycle strategy of a type of asset.

3.2.2. Regulations

Subsection 5(2)4 and Subsection 6(1)4 of asset management regulation stipulates requirements as it pertains to the lifecycle strategy. Specifically, the lifecycle strategy is defined for each asset type as the following: (i) an identification of the lifecycle activities that would need to be undertaken to achieve the level of service. Please note that the Township's asset management subplans only include replacement not any other lifecycle activities at this time. It is recognized that only completing asset replacement is a risk but the Township accepts this risk at this time.

3.2.3. Program

The lifecycle strategy is implemented in the application and report tiers of the program. In the application, it is important to emphasize that an updated state of infrastructure, financing strategy, lifecycle strategy and level of service is calculated for each of the 10 years of the planning horizon. Every year of the planning horizon, replacement costs and conditions are inflated and deteriorated in the state of infrastructure module of the application, then all asset replacements are sorted based on worst condition prioritization in the lifecycle strategy module of the program. However, in order to maximize service life of assets, the program has a default condition threshold of 0% which only allows those assets with a condition equal to 0% to be replaced each year. Please note that year of planned asset replacement can be overridden by an engineer's recommendation which takes priority over worst-first prioritization. Those projects which meet replacement criteria are then inputted into financing strategy module discussed in the next section of this chapter. Importantly, if an asset is replaced in a given year, its condition is reset to 100% and it is deteriorated along with other assets in the state of infrastructure module the following year. This approach allows for assets to be replaced multiple times, if an asset has a short service life for example, over the planning horizon of the asset management plan. In the report, the worst-first prioritization of projects is reported to the windows console which is then summarized in lifecycle strategy table in each asset management subplan.

3.3. Financing Strategy

3.3.1. Definitions

The financing strategy is the capital budgets committed to a type of asset per year over the duration of a planning horizon. These capital budgets can be understood as four questions including: (i) What is the total investment? (ii) What is the total cost? (iii) What is the total surplus? (iv) What is the total reserve? First, total investment is the sum of individual replacement cost divided by individual service life of all assets of an asset type. Second, Total cost equals the total replacement cost for all assets that were completed as part of project in a given planning year. Third, total surplus equals total investment minus total cost. Fourth, if total surplus is positive, this positive surplus becomes total reserve in the following year but starts off at zero in year 1 of planning horizon. Together, the answer to these four questions represent the financing strategy of a type of asset.

3.3.2. Regulations

Subsection 6(1)4 of asset management regulation stipulates requirements as it pertains to the financing strategy. Specifically, the financing strategy is defined for each asset type as the following: (i) an estimate of the total cost for each of the 10 years of the planning horizon; (ii) an identification of the total investment for each of the 10 years of the planning horizon; (iii) an identification of the total surplus for each of the 10 years of the planning horizon; (iv) an identification of the total reserve for each of the 10 years of the planning horizon; (v) an identification of the lifecycle activities that the municipality will undertake for each asset for each of the 10 years of the planning horizon. Please note that the Township's asset management subplans only include replacement not any other lifecycle activities at this time.

3.3.3. Program

The financing strategy is implemented in the application and report tiers of the program. Every year of the planning horizon, worst condition prioritization is inputted into financing strategy module where, first, an updated total investment is calculated. Inflated by a standard rate of three percent per year, the replacement cost of all assets are inflated and then total investment is recalculated in order to represent the time value of money across the planning horizon of the asset management plan. Starting with the asset in the worst condition or with an engineer's recommendation, as long as sufficient funds are available, all projects less than or equal to total investment are completed every year of the planning horizon. If no projects can be completed due to insufficient total investment, then any surplus is put into reserves to be used along with a fresh round of total investment in the following year. In the report, all funded projects and/or the first unfunded project are reported to the windows console which is then summarized in the financing strategy table in each asset management subplan.

3.4. Level of Service

The level of service is the performance measures expected from a type of asset over the duration of a planning horizon. These performance measures can be understood as two questions including: (i) what is the total investment? (ii) what is the average condition? First, as defined in subsection on financing strategy, total investment is the sum of individual replacement cost divided by individual service life of all assets of an asset type. Second, as defined in subsection on state of infrastructure, average condition is the typical fitness of all assets of an asset type. Together, the answer to these two questions represent the level of service of a type of asset.

3.4.1. Regulations

Subsection 5(2)1 and Subsection 6(1)1 of asset management regulation stipulates requirements as it pertains to the lifecycle strategy. Specifically, the level of service is defined for each asset type as the following: (i) the performance measures set out in Tables 1-5 of regulation; and (ii) the performance measures established by the municipality. Please note that the Township has already reported on performance measures in Tables 1-5 of regulation core asset management plan. Therefore, the Township will only present the performance measures established by the municipality in this asset management plan.

3.4.2. Program

The level of service is implemented in the application and report tiers of the program. Every year of the planning horizon, an updated state of infrastructure is calculated based off assets replaced in the previous year with available financial resources. In state of infrastructure module, average condition is calculated which is the first performance measure included in the asset management plan. In the financing strategy module, total investment is calculated which is the second performance measure included in the asset management plan. In the report, every year of planning horizon, the average condition and total investment performance measures are calculated which are then summarized in the level of service table in each asset management subplan.

4. Asset Management Subplans

4.1. Roads

4.1.1. HCB (Asphalt)

4.1.1.1. State of Infrastructure

The State of infrastructure can be characterized according to their total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 175 units (233 kilometers) with a total replacement cost of $25,454,000, an average age of 14 years (reverse calculated from condition), an average condition of 72% and an average service life of 15 years. Table 6 – HCB (Asphalt) Roads State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 1 – HCB (Asphalt) Roads lists all assets owned by Township.

Table 6 – HCB (Asphalt) Roads State of Infrastructure

Characteristic	Value
Total Quantity	175 Units (233 kilometers)
Total Replacement Cost	$25,454,000
Average Age	14 Years
Average Condition	72%
Average Service Life	15 Years

4.1.1.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 7 – HCB (Asphalt) Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $5,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the plan.

Table 7 – HCB (Asphalt) Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$1,748,000	$1,490,000	$258,000
2027	$258,000	$1,797,000	$854,000	$1,201,000
2028	$1,201,000	$1,848,000	$0	$3,049,000
2029	$3,049,000	$1,903,000	$0	$4,952,000
2030	$4,952,000	$1,960,000	$0	$6,912,000
2031	$6,912,000	$2,019,000	$8,895,000	$36,000
2032	$36,000	$1,981,000	$1,985,000	$32,000
2033	$32,000	$2,014,000	$1,883,000	$164,000
2034	$164,000	$2,048,000	$2,180,000	$32,000
2035	$32,000	$2,074,000	$2,101,00	$5,000

4.1.1.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of 87 units will be replaced at a total cost of $19,388,000. Table 8 – HCB (Asphalt) Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 8 – HCB (Asphalt) Lifecycle Strategy

Year	Asset ID	Project Cost
2026	RST-14060, RST-16030, RST-61030, RST-53000, RST-64030, RST-90010, RST-27040, RST-32080, RST-90040, RST-21010, RST-00007, RST-90090	$1,490,000
2027	RST-90130, RST-68000, RST-70050, RST-71050, RST-71060, RST-64000, RST-71020, RST-71030	$854,000
2028	NA	$0
2029	NA	$0
2030	NA	$0
2031	RST-53010, RST-72000, RST-61010, RST-52070, RST-53020, RST-53030, RST-56000, RST-56010, RST-61040, RST-14050, RST-33010, RST-55010, RST-22040, RST-33020, RST-51000, RST-52040, RST-55000, RST-61050, RST-13000, RST-16040, RST-61020, RST-90080, RST-21060, RST-22030, RST-33000, RST-51040, RST-52060, RST-53060, RST-70100, RST-90030, RST-13040, RST-14020, RST-22010, RST-27050, RST-27060, RST-51050	$8,895,000
2032	RST-80070, RST-90000, RST-90060, RST-10000, RST-10040, RST-11000, RST-13030, RST-22020, RST-27030	$1,985,000
2033	RST-52020, RST-61060, RST-90050, RST-11010, RST-12000, RST-13060	$1,883,000
2034	RST-14040, RST-16050, RST-21030, RST-21050, RST-21070, RST-32050, RST-51010, RST-64010, RST-64020, RST-66030	$2,180,000
2035	RST-70010, RST-70070, RST-80050, RST-90020, RST-90070, RST-90150, RST-13010, RST-13020, RST-51030, RST-70090, RST-71070, RST-80010	$2,101,00
Total =		$19,388,000

4.1.1.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $19,392,000 and a minimum average condition of 37%. Table 9 – HCB (Asphalt) Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 9 – HCB (Asphalt) Levels of Service

Year	Average Condition	Total Investment
2026	65%	$1,748,000
2027	62%	$1,797,000
2028	57%	$1,848,000
2029	50%	$1,903,000
2030	43%	$1,960,000
2031	37%	$2,019,000
2032	47%	$1,981,000
2033	43%	$2,014,000
2034	39%	$2,048,000
2035	38%	$2,074,000
	Total =	$19,392,000

4.1.2. LCB (Chipseal)

4.1.2.1. State of Infrastructure

The State of infrastructure can be characterized according to their total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 7 units (4.86 kilometers) with a total replacement cost of $883,000, an average age of 9 years (reverse calculated from condition), an average condition of 67% and an average service life of 7 years. Table 10 – LCB (Chipseal) State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 2 – LCB (Chipseal) Roads lists all assets owned by Township.

Table 10 – LCB (Chipseal) State of Infrastructure

Characteristic	Value
Total Quantity	7 Units (10.73 Kilometers)
Total Replacement Cost	$883,000
Average Age	9 Years
Average Condition	67%
Average Service Life	7 Years

4.1.2.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 11 – LCB (Chipseal) Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $93,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 11 – LCB (Chipseal) Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$130,000	$0	$130,000
2027	$130,000	$134,000	$224,000	$40,000
2028	$40,000	$136,000	$0	$176,000
2029	$176,000	$140,000	$0	$316,000
2030	$316,000	$144,000	$0	$460,000
2031	$460,000	$149,000	$488,000	$121,000
2032	$121,000	$141,000	$257,000	$5,000
2033	$5,000	$139,000	$68,000	$75,000
2034	$75,000	$141,000	$0	$216,000
2035	$216,000	$145,000	$268,000	$93,000

4.1.2.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of 8 units will be replaced at a total cost of $1,305,000. Table 12 – LCB (Chipseal) Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 12 – LCB (Chipseal) Lifecycle Strategy

Year	Asset ID	Project Cost
2026	NA	$0
2027	RST-17000	$224,000
2028	NA	$0
2029	NA	$0
2030	NA	$0
2031	RST-80030, RST-12020, RST-00006.	$488,000
2032	RST-56020, RST-12030	$257,000
2033	RST-69000	$68,000
2034	NA	$0
2035	RST-17000	$268,000
Total =		$1,305,000

4.1.2.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $1,399,000 and a minimum average condition of 6%. Table 13 – LCB (Chipseal) Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 13 – LCB (Chipseal) Levels of Service

Year	Average Condition	Total Annual Investment
2026	53%	$130,000
2027	38%	$134,000
2028	36%	$136,000
2029	20%	$140,000
2030	8%	$144,000
2031	6%	$149,000
2032	47%	$141,000
2033	61%	$139,000
2034	59%	$141,000
2035	43%	$145,000
	Total =	$1,399,000

4.1.3. GST (Gravel)

4.1.3.1. State of Infrastructure

The State of infrastructure can be characterized according to their total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 44 units (64 kilometers) with a total replacement cost of $2,544,000, an average age of 3 years (reverse calculated from condition), an average condition of 59% and an average service life of 5 years. Table 14 – GST (Gravel) State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 3 – GST (Gravel) Roads lists all assets owned by Township.

Table 14 – GST (Gravel) State of Infrastructure

Characteristic	Value
Total Quantity	44 Units (64 Kilometers)
Total Replacement Cost	$2,544,000
Average Age	3 Years
Average Condition	59%
Average Service Life	4 Years

4.1.3.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 15 – GST (Gravel) Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $26,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 15 – GST (Gravel) Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$655,000	$626,000	$29,000
2027	$29,000	$670,000	$696,000	$3,000
2028	$3,000	$680,000	$629,000	$54,000
2029	$54,000	$686,000	$732,000	$8,000
2030	$8,000	$686,000	$658,000	$36,000
2031	$36,000	$687,000	$655,000	$67,000
2032	$67,000	$689,000	$715,000	$41,000
2033	$41,000	$687,000	$723,000	$5,000
2034	$5,000	$687,000	$662,000	$29,000
2035	$29,000	$687,000	$690,000	$26,000

4.1.3.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of 91 units will be replaced at a total cost of $6,786,000. Table 16 – GST (Gravel) Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 16 – GST (Gravel) Lifecycle Strategy

Year	Asset ID	Project Cost
2026	RST-12040, RST-80100, RST-11070, RST-80080, RST-00001, RST-17020, RST-67010, RST-12050, RST-14010, RST-27000, RST-26040	$626,000
2027	RST-51020, RST-26010, RST-00002, RST-11080, RST-67000, RST-26000, RST-55020, RST-12070, RST-00005, RST-27020, RST-80110, RST-17030, RST-26070	$696,000
2028	RST-22000, RST-16010, RST-11040, RST-11050, RST-12060, RST-17010, RST-17040	$629,000
2029	RST-26020, RST-26030, RST-26050, RST-26060, RST-27010, RST-50000, RST-50010, RST-50020, RST-61000, RST-65000, RST-65010, RST-80060	$732,000
2030	RST-80090, RST-00001, RST-11070, RST-12040, RST-12050, RST-14010, RST-17020, RST-26040, RST-27000	$658,000
2031	RST-67010, RST-80080, RST-80100, RST-00002, RST-00005, RST-11080, RST-12070, RST-17030, RST-26000, RST-26010, RST-26070, RST-27020	$655,000
2032	RST-51020, RST-55020, RST-67000, RST-80110, RST-11040, RST-11050, RST-12060, RST-16010, RST-17010	$715,000
2033	RST-17040, RST-22000, RST-26020, RST-26030, RST-26050, RST-26060, RST-27010, RST-50000, RST-50010, RST-50020, RST-61000	$723,000
2034	RST-65000, RST-65010, RST-80060, RST-00001, RST-11070, RST-12040, RST-12050, RST-14010, RST-17020, RST-26040	$662,000
2035	RST-27000, RST-80090, RST-00002, RST-00005, RST-11080, RST-12070, RST-17030, RST-26000, RST-26010, RST-26070, RST-27020	$690,000
Total =		$6,786,000

4.1.3.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $6,814,000 and a minimum average condition of 34%. Table 17 – GST (Gravel) Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 17 – GST (Gravel) Levels of Service

Year	Average Condition	Total Annual Investment
2026	34%	$655,000
2027	34%	$670,000
2028	42%	$680,000
2029	37%	$686,000
2030	43%	$686,000
2031	36%	$687,000
2032	42%	$689,000
2033	38%	$687,000
2034	40%	$687,000
2035	39%	$687,000
	Total =	$6,814,000

4.2. Structures

4.2.1. Bridges

4.2.1.1. State of Infrastructure

The State of infrastructure is characterized as total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 47 units with a total replacement cost of $75,064,000, an average age of 57 years, an average condition of 66% and an average service life of 75 Years. Table 18 - Bridges State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 4 – Bridges (Structures) lists all assets owned by Township.

Table 18 - Bridges State of Infrastructure

Characteristic	Value
Total Quantity	47 Units
Total Replacement Cost	$75,064,000
Average Age	57 Years
Average Condition	66%
Average Service Life	75 Years

4.2.1.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan in order to proactively fund worst-first replacements. Table 19 - Bridges Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $1,930,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 19 - Bridges Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$1,031,000	$940,000	$91,000
2027	$91,000	$1,061,000	$824,000	$329,000
2028	$329,000	$1,092,000	$934,000	$486,000
2029	$486,000	$1,123,000	$874,000	$736,000
2030	$736,000	$1,154,000	$1,737,000	$153,000
2031	$153,000	$1,189,000	$927,000	$412,000
2032	$412,000	$1,225,000	$0	$1,631,000
2033	$1,631,000	$1,251,000	$1,695,000	$1,192,000
2034	$1,192,000	$1,289,000	$1,874,000	$606,000
2035	$606,000	$1,319,000	$0	$1,925,000

4.2.1.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of eight units will be replaced at a total cost of $9,805,000. Table 20 - Bridges Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 20 - Bridges Lifecycle Strategy

Year	Asset ID	Total Cost
2026	BRD-00043	$940,000
2027	BRD-00034	$824,000
2028	BRD-00005	$934,000
2029	BRD-00035	$874,000
2030	BRD-00009	$1,737,000
2031	BRD-00042	$927,000
2032	NA	$0
2033	BRD-00045	$1,695,000
2034	BRD-00027	$1,874,000
2035	NA	$0
	Total =	$9,805,000

4.2.1.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $11,734,000 and a minimum average condition of 63%. Table 21 - Bridges Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 21 - Bridges Levels of Service

Year	Average Condition	Total Investment
2026	65%	$1,031,000
2027	64%	$1,061,000
2028	65%	$1,092,000
2029	65%	$1,123,000
2030	65%	$1,154,000
2031	65%	$1,189,000
2032	65%	$1,225,000
2033	63%	$1,251,000
2034	63%	$1,289,000
2035	63%	$1,319,000
	Total =	$11,734,000

4.2.2. Culverts

4.2.2.1. State of Infrastructure

The State of infrastructure is characterized as total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 27 units with a total replacement cost of $28,852,000, an average age of 37 years, an average condition of 62% and an average service life of 50 years. Table 22 - Culverts State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 5 – Culverts (Structures) lists all assets owned by Township.

Table 22 - Culverts State of Infrastructure

Characteristic	Value
Total Quantity	27 Units
Total Replacement Cost	$28,852,000
Average Age	37 Years
Average Condition	62%
Average Service Life	50 Years

4.2.2.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 23 - Culverts Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $922,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 23 - Culverts Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$635,000	$0	$635,000
2027	$635,000	$654,000	$0	$1,289,000
2028	$1,289,000	$674,000	$1,840,000	$123,000
2029	$123,000	$687,000	$0	$810,000
2030	$810,000	$707,000	$981,000	$536,000
2031	$536,000	$723,000	$0	$1,259,000
2032	$1,259,000	$745,000	$1,349,000	$655,000
2033	$655,000	$759,000	$1,072,000	$342,000
2034	$342,000	$774,000	$983,000	$133,000
2035	$133,000	$789,000	$0	$922,000

4.2.2.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of five units will be replaced at a total cost of $6,225,000. Table 24 - Culverts Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 24 - Culverts Lifecycle Strategy

Year	Asset ID	Project Cost
2026	NA	$0
2027	NA	$0
2028	CLV-00008	$1,840,000
2029	NA	$0
2030	CLV-00023	$981,000
2031	NA	$0
2032	CLV-00027	$1,349,000
2033	CLV-00024	$1,072,000
2034	CLV-00010	$983,000
2035	NA	$0
	Total =	$6,225,000

4.2.2.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $7,147,000 and a minimum average condition of 53%. Table 25 – Culverts Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 25 – Culverts Levels of Service

Year	Average Condition	Total Annual Investment
2026	59%	$635,000
2027	57%	$654,000
2028	55%	$674,000
2029	56%	$687,000
2030	54%	$707,000
2031	55%	$723,000
2032	53%	$745,000
2033	54%	$759,000
2034	55%	$774,000
2035	56%	$789,000
	Total =	$7,147,000

4.3. Drinking Water

4.3.1. Pipes (Drinking Water)

4.3.1.1. State of Infrastructure

The State of infrastructure can be characterized according to their total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 238 units (24,980 meters) with a total replacement cost of $12,501,000, an average age of 32 years, an average condition of 56% and an average service life of 75 years. Table 26 – Pipes (Drinking Water) State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 6 – Pipes (Drinking Water) lists all assets owned by Township.

Table 26 – Pipes (Drinking Water) State of Infrastructure

Characteristic	Value
Total Quantity	238 Units (24,980 Meters)
Total Replacement Cost	$12,501,000
Average Age	32 Years
Average Condition	56%
Average Service Life	75 Years

4.3.1.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 27 – Pipes (Drinking Water) Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $1,967,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 27 – Pipes (Drinking Water) Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$172,000	$0	$172,000
2027	$172,000	$177,000	$0	$349,000
2028	$349,000	$182,000	$0	$531,000
2029	$531,000	$187,000	$0	$718,000
2030	$718,000	$193,000	$0	$911,000
2031	$911,000	$199,000	$0	$1,110,000
2032	$1,110,000	$205,000	$0	$1,315,000
2033	$1,315,000	$211,000	$0	$1,526,000
2034	$1,526,000	$217,000	$0	$1,743,000
2035	$1,743,000	$224,000	$0	$1,967,000

4.3.1.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of zero projects will be replaced at a total cost of $0. Table 28 – Pipes (Drinking Water) Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 28 – Pipes (Drinking Water) Lifecycle Strategy

Year	Asset ID	Project Cost
2026	NA	$0
2027	NA	$0
2028	NA	$0
2029	NA	$0
2030	NA	$0
2031	NA	$0
2032	NA	$0
2033	NA	$0
2034	NA	$0
2035	NA	$0
	Total =	$0

4.3.1.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $1,967,000 and a minimum average condition of 43%. Table 29 – Pipes (Drinking Water) Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 29 – Pipes (Drinking Water) Levels of Service

Year	Average Condition	Total Annual Investment
2026	55%	$172,000
2027	54%	$177,000
2028	52%	$182,000
2029	51%	$187,000
2030	50%	$193,000
2031	48%	$199,000
2032	47%	$205,000
2033	46%	$211,000
2034	44%	$217,000
2035	43%	$224,000
	Total =	$1,967,000

4.3.2. Appurtenances (Drinking Water)

4.3.2.1. State of Infrastructure

The State of infrastructure can be characterized according to their total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 1271 units with a total replacement cost of $5,333,000, an average age of 33 years, an average condition of 36% and an average service life of 50 years. Table 30 – Appurtenances (Drinking Water) State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 7 – Appurtenances (Drinking Water) lists all assets owned by Township. Please note that drinking water appurtenances include valves, hydrants and laterals.

Table 30 – Appurtenances (Drinking Water) State of Infrastructure

Characteristic	Value
Total Quantity	1271
Total Replacement Cost	$5,333,000
Average Age	33 Years
Average Condition	34%
Average Service Life	50 Years

4.3.2.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 31 – Appurtenances (Drinking Water) Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $1,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 31 – Appurtenances (Drinking Water) Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$110,000	$106,000	$4,000
2027	$4,000	$113,000	$114,000	$3,000
2028	$3,000	$116,000	$115,000	$4,000
2029	$4,000	$120,000	$122,000	$2,000
2030	$2,000	$123,000	$120,000	$4,000
2031	$4,000	$126,000	$130,000	$0
2032	$0	$130,000	$129,000	$1,000
2033	$1,000	$133,000	$127,000	$8,000
2034	$8,000	$136,000	$142,000	$2,000
2035	$2,000	$140,000	$141,000	$1,000

4.3.2.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of 112 units will be replaced at a total cost of $1,244,000. Table 32 – Appurtenances (Drinking Water) Lifecycle Strategy summarizes the year, Asset ID and project cost during each of the respective years of the plan.

Table 32 – Appurtenances (Drinking Water) Lifecycle Strategy

Year	Asset ID	Project Cost
2026	DAP-00075 → DAP-00098	$106,000
2027	DAP-00099 → DAP-00116	$114,000
2028	DAP-00117 → DAP-00144	$115,000
2029	DAP-00145 → DAP-00173	$122,000
2030	DAP-00174 – DAP-00198	$120,000
2031	DAP-00199 → DAP-00227	$130,000
2032	DAP-00228 → DAP-00247, DAP-00001 → DAP-00007	$129,000
2033	DAP-0008 → DAP-00017, DAP-00357 → DAP-00370	$127,000
2034	DAP-00371 → DAP-00395	$142,000
2035	DAP-00396 → DAP-00423	$141,000
	Total =	$1,246,000

4.3.2.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $1,247,000 and a minimum average condition of 35%. Table 33 – Appurtenances (Drinking Water) Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 33 – Appurtenances (Drinking Water) Levels of Service

Year	Average Condition	Total Annual Investment
2026	36%	$110,000
2027	36%	$113,000
2028	36%	$116,000
2029	36%	$120,000
2030	36%	$123,000
2031	36%	$126,000
2032	35%	$130,000
2033	35%	$133,000
2034	35%	$136,000
2035	35%	$140,000
	Total =	$1,247,000

4.3.3. Facilities (Drinking Water)

4.3.3.1. State of Infrastructure

The State of infrastructure can be characterized according to their total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 12 units with a total replacement cost of $10,625,000, an average age of 36 years, an average condition of 29% and an average service life of 50 years. Table 34 – Facilities (Drinking Water) State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 8 – Facilities (Drinking Water) lists all assets owned by Township.

Table 34 – Facilities (Drinking Water) State of Infrastructure

Characteristic	Value
Total Quantity	12 Units
Total Replacement Cost	$10,625,000
Average Age	36 Years
Average Condition	29%
Average Service Life	50 Years

4.3.3.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 35 – Facilities (Drinking Water) Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $196,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 35 – Facilities (Drinking Water) Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$219,000	$0	$219,000
2027	$219,000	$225,000	$0	$444,000
2028	$444,000	$232,000	$615,000	$61,000
2029	$61,000	$238,000	$0	$299,000
2030	$299,000	$245,000	$0	$544,000
2031	$544,000	$253,000	$0	$797,000
2032	$797,000	$260,000	$922,000	$135,000
2033	$135,000	$264,000	$0	$399,000
2034	$399,000	$272,000	$0	$671,000
2035	$671,000	$281,000	$756,000	$196,000

4.3.3.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of three units will be replaced at a total cost of $2,293,000. Table 36 – Facilities (Drinking Water) Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 36 – Facilities (Drinking Water) Lifecycle Strategy

Year	Asset ID	Project Cost
2026	NA	$0
2027	NA	$0
2028	DFT-00006	$615,000
2029	NA	$0
2030	NA	$0
2031	NA	$0
2032	DFT-00005	$922,000
2033	NA	$0
2034	NA	$0
2035	DFT-00007	$756,000
	Total =	$2,293,000

4.3.3.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $2,489,000 and a minimum average condition of 25%. Table 37 – Facilities (Drinking Water) Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 37 – Facilities (Drinking Water) Levels of Service

Year	Average Condition	Total Annual Investment
2026	27%	$219,000
2027	25%	$225,000
2028	23%	$232,000
2029	30%	$238,000
2030	28%	$245,000
2031	27%	$253,000
2032	25%	$260,000
2033	32%	$264,000
2034	30%	$272,000
2035	28%	$281,000
	Total =	$2,489,000

4.3.4. Equipment (Drinking Water)

4.3.4.1. State of Infrastructure

The State of infrastructure can be characterized according to their total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 20 units with a total replacement cost of $3,962,000, an average age of 31 years, an average condition of 39% and an average service life of 50 years. Table 38 – Equipment (Drinking Water) State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 9 – Equipment (Drinking Water) lists all assets owned by Township.

Table 38 – Equipment (Drinking Water) State of Infrastructure

Characteristic	Value
Total Quantity	20 Units
Total Replacement Cost	$3,962,000
Average Age	31 Years
Average Condition	39%
Average Service Life	50 Years

4.3.4.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 39 – Equipment (Drinking Water) Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $883,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 39 – Equipment (Drinking Water) Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$82,000	$39,000	$43,000
2027	$43,000	$84,000	$13,000	$114,000
2028	$114,000	$87,000	$0	$201,000
2029	$201,000	$89,000	$0	$290,000
2030	$290,000	$92,000	$0	$382,000
2031	$382,000	$95,000	$0	$477,000
2032	$477,000	$97,000	$0	$574,000
2033	$574,000	$100,000	$0	$674,000
2034	$674,000	$103,000	$0	$777,000
2035	$777,000	$106,000	$0	$883,000

4.3.4.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of two units will be replaced at a total cost of $52,000. Table 40 – Equipment (Drinking Water) Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 40 – Equipment (Drinking Water) Lifecycle Strategy

Year	Asset ID	Project Cost
2026	NA	$39,000
2027	NA	$13,000
2028	NA	$0
2029	NA	$0
2030	NA	$0
2031	NA	$0
2032	NA	$0
2033	NA	$0
2034	NA	$0
2035	NA	$0
	Total =	$52,000

4.3.4.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $935,000 and a minimum average condition of 37%. Table 41 – Equipment (Drinking Water) Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 41 – Equipment (Drinking Water) Levels of Service

Year	Average Condition	Total Annual Investment
2026	37%	$82,000
2027	50%	$84,000
2028	53%	$87,000
2029	51%	$89,000
2030	49%	$92,000
2031	47%	$95,000
2032	45%	$97,000
2033	43%	$100,000
2034	41%	$103,000
2035	39%	$106,000
	Total =	$935,000

4.4. Wastewater

4.4.1. Pipes (Wastewater)

4.4.1.1. State of Infrastructure

The State of infrastructure is characterized as total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 1360 meters with a total replacement cost of $1,930,000, an average age of 22 years, an average condition of 63% and an average service life of 75 years. Table 42 – Pipes (Wastewater) State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 10 – Pipes (Wastewater) lists all assets owned by Township.

Table 42 – Pipes (Wastewater) State of Infrastructure

Characteristic	Value
Total Quantity	20 Units (1360 meters)
Total Replacement Cost	$1,930,000
Average Age	22 Years
Average Condition	63%
Average Service Life	75 Years

4.4.1.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 43 – Pipes (Wastewater) Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $306,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 43 – Pipes (Wastewater) Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$27,000	$0	$27,000
2027	$27,000	$27,000	$0	$54,000
2028	$54,000	$28,000	$0	$82,000
2029	$82,000	$29,000	$0	$111,000
2030	$111,000	$30,000	$0	$141,000
2031	$141,000	$31,000	$0	$172,000
2032	$172,000	$32,000	$0	$204,000
2033	$204,000	$33,000	$0	$237,000
2034	$237,000	$34,000	$0	$271,000
2035	$271,000	$35,000	$0	$306,000

4.4.1.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of zero units will be replaced at a total cost of $0. Table 44 – Pipes (Wastewater) Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan. Despite no projects being planed as part of the lifecycle strategy, please note that there are no assets with replacement urgency less than 10 nor a service life expiring during the time horizon of the plan.

Table 44 – Pipes (Wastewater) Lifecycle Strategy

Year	Asset ID	Project Cost
2026	NA	$0
2027	NA	$0
2028	NA	$0
2029	NA	$0
2030	NA	$0
2031	NA	$0
2032	NA	$0
2033	NA	$0
2034	NA	$0
2035	NA	$0
	Total =	$0

4.4.1.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $306,000 and a minimum average condition of 50%. Table 45 – Pipes (Wastewater) Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 45 – Pipes (Wastewater) Levels of Service

Year	Average Condition	Total Annual Investment
2026	62%	$27,000
2027	61%	$27,000
2028	59%	$28,000
2029	58%	$29,000
2030	57%	$30,000
2031	55%	$31,000
2032	54%	$32,000
2033	53%	$33,000
2034	51%	$34,000
2035	50%	$35,000
	Total =	$306,000

4.4.2. Appurtenances (Wastewater)

4.4.2.1. State of Infrastructure

The State of infrastructure is characterized as total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 121 units with a total replacement cost of $611,000, an average age of 22 years, an average condition of 56% and an average service life of 50 years. Table 46 – Appurtenances (Wastewater) State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 11 – Appurtenances (Wastewater) lists all assets owned by Township. Please note that wastewater appurtenances include manholes and laterals.

Table 46 – Appurtenances (Wastewater) State of Infrastructure

Characteristic	Value
Total Quantity	121 Units
Total Replacement Cost	$611,000
Average Age	22 Years
Average Condition	56%
Average Service Life	50 Years

4.4.2.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon. Table 47 – Appurtenances (Wastewater) Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $144,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 47 – Appurtenances (Wastewater) Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$13,000	$0	$13,000
2027	$13,000	$13,000	$0	$26,000
2028	$26,000	$13,000	$0	$39,000
2029	$39,000	$14,000	$0	$53,000
2030	$53,000	$14,000	$0	$67,000
2031	$67,000	$15,000	$0	$82,000
2032	$82,000	$15,000	$0	$97,000
2033	$97,000	$15,000	$0	$112,000
2034	$112,000	$16,000	$0	$128,000
2035	$128,000	$16,000	$0	$144,000

4.4.2.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon. Over the planning horizon of the asset management plan, a total of zero units will be replaced at a total cost of $0. Table 48 – Appurtenances (Wastewater) Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan. Despite no projects being planed as part of the lifecycle strategy, please note that there are no assets with replacement urgency less than 10 nor a service life expiring during the time horizon of the plan.

Table 48 – Appurtenances (Wastewater) Lifecycle Strategy

Year	Asset ID	Project Cost
2026	NA	$0
2027	NA	$0
2028	NA	$0
2029	NA	$0
2030	NA	$0
2031	NA	$0
2032	NA	$0
2033	NA	$0
2034	NA	$0
2035	NA	$0
	Total =	$0

4.4.2.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $144,000 and a minimum average condition of 36%. Table 49 – Appurtenances (Wastewater) Levels of Service summarizes the average condition and total annual investment across the planning horizon.

Table 49 – Appurtenances (Wastewater) Levels of Service

Year	Average Condition	Total Annual Investment
2026	54%	$13,000
2027	52%	$13,000
2028	50%	$13,000
2029	48%	$14,000
2030	46%	$14,000
2031	44%	$15,000
2032	42%	$15,000
2033	40%	$15,000
2034	38%	$16,000
2035	36%	$16,000
	Total =	$144,000

4.4.3. Facilities (Wastewater)

4.4.3.1. State of Infrastructure

The State of infrastructure is characterized as total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of three units with a total replacement cost of $2,209,000, an average age of 22 years, an average condition of 46% and an average service life of 50 years. Table 50 – Facilities (Wastewater) State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 8 – Facilities (Wastewater) lists all assets owned by Township.

Table 50 – Facilities (Wastewater) State of Infrastructure

Characteristic	Value
Total Quantity	3 Units
Total Replacement Cost	$2,029,000
Average Age	22 Years
Average Condition	46%
Average Service Life	50 Years

4.4.3.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 51 – Plants (Wastewater) Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $479,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 51 – Plants (Wastewater) Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$42,000	$0	$42,000
2027	$42,000	$43,000	$0	$85,000
2028	$85,000	$44,000	$0	$129,000
2029	$129,000	$46,000	$0	$175,000
2030	$175,000	$47,000	$0	$222,000
2031	$222,000	$48,000	$0	$270,000
2032	$270,000	$50,000	$0	$320,000
2033	$320,000	$51,000	$0	$371,000
2034	$371,000	$53,000	$0	$424,000
2035	$424,000	$55,000	$0	$479,000

4.4.3.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of zero units will be replaced at a total cost of $0. Table 52 – Plants (Wastewater) Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan. Please note that WFT-00001 (New Horizons WWTP) has a replacement urgency (time of need) of zero (0) years but it cannot be replaced during time horizon of asset management plan due to its replacement cost being greater than total investment.

Table 52 – Plants (Wastewater) Lifecycle Strategy

Year	Asset ID	Project Cost
2026	NA	$0
2027	NA	$0
2028	NA	$0
2029	NA	$0
2030	NA	$0
2031	NA	$0
2032	NA	$0
2033	NA	$0
2034	NA	$0
2035	NA	$0
	Total =	$0

4.4.3.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $479,000 and a minimum average condition of 26%. Table 53 – Plants (Wastewater) Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 53 – Plants (Wastewater) Levels of Service

Year	Average Condition	Total Annual Investment
2026	44%	$33,000
2027	42%	$34,000
2028	40%	$35,000
2029	38%	$37,000
2030	36%	$38,000
2031	34%	$39,000
2032	32%	$40,000
2033	30%	$41,000
2034	28%	$42,000
2035	26%	$44,000
	Total =	$479,000

4.5. Stormwater

4.5.1. Pipes (Stormwater)

4.5.1.1. State of Infrastructure

The State of infrastructure is characterized as total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 780 meters with a total replacement cost of $976,000, an average age of 26 years, an average condition of 64% and an average service life of 75 years. Table 54 – Pipes (Stormwater) State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 13 – Pipes (Stormwater) lists all assets owned by Township.

Table 54 – Pipes (Stormwater) State of Infrastructure

Characteristic	Value
Total Quantity	22 Units (780 meters)
Total Replacement Cost	$976,000
Average Age	26 Years
Average Condition	64%
Average Service Life	75 Years

4.5.1.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 55 – Pipes (Stormwater) Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $153,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 55 – Pipes (Stormwater) Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$13,000	$0	$13,000
2027	$13,000	$14,000	$0	$27,000
2028	$27,000	$14,000	$0	$41,000
2029	$41,000	$15,000	$0	$56,000
2030	$56,000	$15,000	$0	$71,000
2031	$71,000	$16,000	$0	$87,000
2032	$87,000	$16,000	$0	$103,000
2033	$103,000	$16,000	$0	$119,000
2034	$119,000	$17,000	$0	$136,000
2035	$136,000	$17,000	$0	$153,000

4.5.1.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of zero units will be replaced at a total cost of $0. Table 56 – Pipes (Stormwater) Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan. Despite no projects being planed as part of the lifecycle strategy, please note that there are no assets with replacement urgency less than 10 nor a service life expiring during the time horizon of the plan.

Table 56 – Pipes (Stormwater) Lifecycle Strategy

Year	Asset ID	Project Cost
2026	NA	$0
2027	NA	$0
2028	NA	$0
2029	NA	$0
2030	NA	$0
2031	NA	$0
2032	NA	$0
2033	NA	$0
2034	NA	$0
2035	NA	$0
	Total =	$0

4.5.1.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $153,000 and a minimum average condition of 51%. Table 57 – Pipes (Stormwater) Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 57 – Pipes (Stormwater) Levels of Service

Year	Average Condition	Total Annual Investment
2026	63%	$13,000
2027	61%	$14,000
2028	60%	$14,000
2029	59%	$15,000
2030	57%	$15,000
2031	56%	$16,000
2032	55%	$16,000
2033	53%	$16,000
2034	52%	$17,000
2035	51%	$17,000
	Total =	$153,000

4.5.2. Appurtenances (Stormwater)

4.5.2.1. State of Infrastructure

The State of infrastructure is characterized as total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 16 units with a total replacement cost of $238,000, an average age of 28 years, an average condition of 39% and an average service life of 50 years. Table 58 – Appurtenances (Stormwater) State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 14 – Appurtenances (Stormwater) lists all assets owned by Township.

Table 58 – Appurtenances (Stormwater) State of Infrastructure

Characteristic	Value
Total Quantity	16 Units
Total Replacement Cost	$238,000
Average Age	28
Average Condition	39%
Average Service Life	50 Years

4.5.2.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 59 – Appurtenances (Stormwater) Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $27,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 59 – Appurtenances (Stormwater) Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$5,000	$0	$5,000
2027	$5,000	$5,000	$7,000	$3,000
2028	$3,000	$5,000	$7,000	$2,000
2029	$2,000	$5,000	$0	$7,000
2030	$7,000	$5,000	$7,000	$4,000
2031	$4,000	$6,000	$7,000	$3,000
2032	$3,000	$6,000	$0	$9,000
2033	$9,000	$6,000	$0	$15,000
2034	$15,000	$6,000	$0	$21,000
2035	$21,000	$6,000	$0	$27,000

4.5.2.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of four units will be replaced at a total cost of $27,000. Table 60 – Appurtenances (Stormwater) Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 60 – Appurtenances (Stormwater) Lifecycle Strategy

Year	Asset ID	Project Cost
2026	NA	$0
2027	SAP-00030	$7,000
2028	SAP-00031	$7,000
2029	NA	$0
2030	SAP-00032	$7,000
2031	SAP-00033	$7,000
2032	NA	$0
2033	NA	$0
2034	NA	$0
2035	NA	$0
	Total =	$28,000

4.5.2.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $54,000 and a minimum average condition of 33%. Table 61 – Appurtenances (Stormwater) Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 61 – Appurtenances (Stormwater) Levels of Service

Year	Average Condition	Total Annual Investment
2026	39%	$5,000
2027	37%	$5,000
2028	38%	$5,000
2029	39%	$5,000
2030	40%	$5,000
2031	38%	$6,000
2032	39%	$6,000
2033	37%	$6,000
2034	35%	$6,000
2035	33%	$6,000
	Total =	$55,000

4.5.3. Facilities (Stormwater)

4.5.3.1. State of Infrastructure

The State of infrastructure is characterized as total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 7 units with a total replacement cost of $4,125,000, an average age of 20 years, an average condition of 61% and an average service life of 50 years. Table 62 – Facilities (Stormwater) State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 15 – Facilities (Stormwater) lists all assets owned by Township.

Table 62 – Facilities (Stormwater) State of Infrastructure

Characteristic	Value
Total Quantity	7 Units
Total Replacement Cost	$4,125,000
Average Age	20 Years
Average Condition	61%
Average Service Life	50 Years

4.5.3.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 63 – Facilities (Stormwater) Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $976,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 63 – Facilities (Stormwater) Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$85,000	$0	$85,000
2027	$85,000	$88,000	$0	$173,000
2028	$173,000	$90,000	$0	$263,000
2029	$263,000	$93,000	$0	$356,000
2030	$356,000	$96,000	$0	$452,000
2031	$452,000	$99,000	$0	$551,000
2032	$551,000	$101,000	$0	$652,000
2033	$652,000	$105,000	$0	$757,000
2034	$757,000	$108,000	$0	$865,000
2035	$865,000	$111,000	$0	$976,000

4.5.3.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of zero units will be replaced at a total cost of $0. Table 64 – Facilities (Stormwater) Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan. Despite no projects being planed as part of the lifecycle strategy, please note that there are no assets with replacement urgency less than 10 nor a service life expiring during the time horizon of the plan.

Table 64 – Facilities (Stormwater) Lifecycle Strategy

Year	Asset ID	Project Cost
2026	NA	$0
2027	NA	$0
2028	NA	$0
2029	NA	$0
2030	NA	$0
2031	NA	$0
2032	NA	$0
2033	NA	$0
2034	NA	$0
2035	NA	$0
	Total =	$0

4.5.3.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $976,000 and a minimum average condition of 41%. Table 65 – Facilities (Stormwater) Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 65 – Facilities (Stormwater) Levels of Service

Year	Average Condition	Total Annual Investment
2026	59%	$85,000
2027	57%	$88,000
2028	55%	$90,000
2029	53%	$93,000
2030	51%	$96,000
2031	49%	$99,000
2032	47%	$101,000
2033	45%	$105,000
2034	43%	$108,000
2035	41%	$111,000
	Total =	$976,000

4.6. Parks and Facilities

4.6.1. Buildings

4.6.1.1. State of Infrastructure

The State of infrastructure is characterized as total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 16 units with a total replacement cost of $44,272,000, an average age of 36 years, an average condition of 33% and an average service life of 50 years. Table 66 – Buildings State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 16 – Buildings (Parks and Facilities) lists all assets owned by Township.

Table 66 – Buildings State of Infrastructure

Characteristic	Value
Total Quantity	16 Units
Total Replacement Cost	$44,272,000
Average Age	36 Years
Average Condition	33%
Average Service Life	50 Years

4.6.1.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 67 – Buildings Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $6,538,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 67 – Buildings Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$912,000	$0	$912,000
2027	$912,000	$939,000	$0	$1,851,000
2028	$1,851,000	$968,000	$2,729,000	$90,000
2029	$90,000	$992,000	$0	$1,082,000
2030	$1,082,000	$1,022,000	$1,136,000	$969,000
2031	$969,000	$1,049,000	$0	$2,018,000
2032	$2,018,000	$1,080,000	$0	$3,098,000
2033	$3,098,000	$1,113,000	$0	$4,211,000
2034	$4,211,000	$1,146,000	$0	$5,357,000
2035	$5,357,000	$1,181,000	$0	$6,538,000

4.6.1.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of two units will be replaced at a total cost of $3,865,000. Table 68 – Buildings Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 68 – Buildings Lifecycle Strategy

Year	Asset ID	Project Cost
2026	NA	$0
2027	NA	$0
2028	BLD-00003	$2,729,000
2029	NA	$0
2030	BLD-00004	$1,136,000
2031	NA	$0
2032	NA	$0
2033	NA	$0
2034	NA	$0
2035	NA	$0
	Total =	$3,865,000

4.6.1.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $10,402,000 and a minimum average condition of 29%. Table 69 – Buildings Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 69 – Buildings Levels of Service

Year	Average Condition	Total Annual Investment
2026	32%	$912,000
2027	30%	$939,000
2028	29%	$968,000
2029	34%	$992,000
2030	32%	$1,022,000
2031	36%	$1,049,000
2032	35%	$1,080,000
2033	33%	$1,113,000
2034	31%	$1,146,000
2035	29%	$1,181,000
	Total =	$10,402,000

4.6.2. Playgrounds

4.6.2.1. State of Infrastructure

The State of infrastructure is characterized as total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 13 units with a total replacement cost of $1,670,000, an average age of 15 years, an average condition of 35% and an average service life of 20 years. Table 70 – Playgrounds State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 17 – Playgrounds (Parks and Facilities) lists all assets owned by Township.

Table 70 – Playgrounds State of Infrastructure

Characteristic	Value
Total Quantity	13 Units
Total Replacement Cost	$1,670,000
Average Age	15 Years
Average Condition	35%
Average Service Life	20 Years

4.6.2.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 71 – Playgrounds Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $195,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 71 – Playgrounds Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$69,000	$53,000	$16,000
2027	$16,000	$71,000	$0	$87,000
2028	$87,000	$73,000	$128,000	$32,000
2029	$32,000	$74,000	$86,000	$20,000
2030	$20,000	$76,000	$0	$96,000
2031	$96,000	$79,000	$0	$175,000
2032	$175,000	$81,000	$244,000	$11,000
2033	$11,000	$81,000	$65,000	$28,000
2034	$28,000	$83,000	$0	$111,000
2035	$111,000	$85,000	$0	$196,000

4.6.2.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of five units will be replaced at a total cost of $576,000. Table 72 – Playgrounds Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 72 – Playgrounds Lifecycle Strategy

Year	Asset ID	Project Cost
2026	PLY-00001	$53,000
2027	NA	$0
2028	PLY-00005	$128,000
2029	PLY-00011	$86,000
2030	NA	$0
2031	NA	$0
2032	PLY-00009	$244,000
2033	PLY-00013	$65,000
2034	NA	$0
2035	NA	$0
	Total =	$576,000

4.6.2.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $754,000 and a minimum average condition of 35%. Table 73 – Playgrounds Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 73 – Playgrounds Levels of Service

Year	Average Condition	Total Annual Investment
2026	35%	$69,000
2027	39%	$71,000
2028	35%	$73,000
2029	40%	$74,000
2030	44%	$76,000
2031	40%	$79,000
2032	36%	$81,000
2033	40%	$81,000
2034	43%	$83,000
2035	39%	$85,000
	Total =	$772,000

4.6.3. Sports Fields

4.6.3.1. State of Infrastructure

The State of infrastructure can be characterized according to their total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 15 units with a total replacement cost of $695,000, an average age of 23 years, an average condition of 25% and an average service life of 30 years. Table 74 – Sports Fields State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 18 – Sports Fields (Parks and Facilities) lists all assets owned by Township.

Table 74 – Sports Fields State of Infrastructure

Characteristic	Value
Total Quantity	15 Units
Total Replacement Cost	$695,000
Average Age	23 Years
Average Condition	25%
Average Service Life	30 Years

4.6.3.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 75 – Sports Fields Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $185,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 75 – Sports Fields Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$24,000	$5,000	$19,000
2027	$19,000	$25,000	$0	$44,000
2028	$44,000	$25,000	$0	$69,000
2029	$69,000	$26,000	$81,000	$14,000
2030	$14,000	$26,000	$0	$40,000
2031	$40,000	$27,000	$0	$67,000
2032	$67,000	$28,000	$0	$95,000
2033	$95,000	$29,000	$0	$124,000
2034	$124,000	$30,000	$0	$154,000
2035	$154,000	$31,000	$0	$185,000

4.6.3.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of 2 units will be replaced at a total cost of $86,000. Table 76 – Sports Fields Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 76 – Sports Fields Lifecycle Strategy

Year	Asset ID	Project Cost
2026	NA	$5,000
2027	NA	$0
2028	FLD-00004	$0
2029	NA	$81,000
2030	NA	$0
2031	NA	$0
2032	FLD-00014	$0
2033	NA	$0
2034	NA	$0
2035	NA	$0
	Total =	$86,000

4.6.3.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $271,000 and a minimum average condition of 8%. Table 77 – Sports Fields Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 77 – Sports Fields Levels of Service

Year	Average Condition	Total Annual Investment
2026	11%	$24,000
2027	9%	$25,000
2028	8%	$25,000
2029	13%	$26,000
2030	11%	$26,000
2031	10%	$27,000
2032	8%	$28,000
2033	14%	$29,000
2034	13%	$30,000
2035	13%	$31,000
	Total =	$271,000

4.7. Fire Department

4.7.1. Fire Trucks

4.7.1.1. State of Infrastructure

The State of infrastructure can be characterized according to their total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 6 units with a total replacement cost of $10,030,000, an average age of 13 years, an average condition of 24% and an average service life of 15 years. Table 78 – Fire Trucks State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 19 – Fire Trucks (Fire Department) lists all assets owned by Township.

Table 78 – Fire Trucks State of Infrastructure

Characteristic	Value
Total Quantity	6 Units
Total Replacement Cost	$5,900,000
Average Age	13 Years
Average Condition	26%
Average Service Life	20 Years

4.7.1.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 79 – Fire Trucks Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $1,414,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 79 – Fire Trucks Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$303,000	$0	$303,000
2027	$303,000	$312,000	$0	$615,000
2028	$615,000	$321,000	$0	$936,000
2029	$936,000	$331,000	$1,069,000	$198,000
2030	$198,000	$335,000	$0	$533,000
2031	$533,000	$345,000	$0	$878,000
2032	$878,000	$355,000	$922,000	$310,000
2033	$310,000	$357,000	$0	$667,000
2034	$667,000	$368,000	$0	$1,035,000
2035	$1,035,000	$379,000	$0	$1,414,000

4.7.1.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of two units will be replaced at a total cost of $1,991,000. Table 80 – Fire Trucks Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 80 – Fire Trucks Lifecycle Strategy

Year	Asset ID	Project Cost
2026	NA	$0
2027	NA	$0
2028	FIR-00002	$0
2029	NA	$1,069,000
2030	NA	$0
2031	NA	$0
2032	FIR-00005	$922,000
2033	NA	$0
2034	NA	$0
2035	NA	$0
	Total =	$1,991,000

4.7.1.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $3,406,000 and a minimum average condition of 18%. Table 81 – Fire Trucks Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 81 – Fire Trucks Levels of Service

Year	Average Condition	Total Annual Investment
2026	23%	$303,000
2027	21%	$312,000
2028	19%	$321,000
2029	18%	$331,000
2030	32%	$335,000
2031	29%	$345,000
2032	27%	$355,000
2033	40%	$357,000
2034	37%	$368,000
2035	34%	$379,000
	Total =	$3,406,000

4.7.2. Bunker Gear

4.7.2.1. State of Infrastructure

The State of infrastructure can be characterized according to their total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 60 units with a total replacement cost of $300,000, an average age of 5 years, an average condition of 45% and an average service life of 10 years. Table 82 – Bunker Gear State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 20 – Bunker Gear (Fire Department) lists all assets owned by Township.

Table 82 – Bunker Gear State of Infrastructure

Characteristic	Value
Total Quantity	60 Units
Total Replacement Cost	$300,000
Average Age	5 Years
Average Condition	45%
Average Service Life	10 Years

4.7.2.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 83 – Bunker Gear Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $1,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 83 – Bunker Gear Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$31,000	$31,000	$0
2027	$0	$32,000	$32,000	$0
2028	$0	$32,000	$27,000	$5,000
2029	$5,000	$33,000	$34,000	$4,000
2030	$4,000	$34,000	$35,000	$3,000
2031	$3,000	$34,000	$36,000	$2,000
2032	$2,000	$35,000	$31,000	$6,000
2033	$6,000	$35,000	$38,000	$3,000
2034	$3,000	$35,000	$33,000	$5,000
2035	$5,000	$36,000	$40,000	$1,000

4.7.2.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of 60 units will be replaced at a total cost of $337,000. Table 84 – Bunker Gear Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 84 – Bunker Gear Lifecycle Strategy

Year	Asset ID	Project Cost
2026	BNK-00001 – BNK-00006	$31,000
2027	BNK-00007 – BNK-00012	$32,000
2028	BNK-00013 – BNK-00018	$27,000
2029	BNK-00019 – BNK-00024	$34,000
2030	BNK-00025 – BNK-00030	$35,000
2031	BNK-00031 – BNK-00036	$36,000
2032	BNK-00037 – BNK-00042	$31,000
2033	BNK-00043 – BNK-00048	$38,000
2034	BNK-00049 – BNK-00054	$33,000
2035	BNK-00054 – BNK-00060	$40,000
	Total =	$337,000

4.7.2.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $337,000 and a minimum average condition of 36%. Table 85 – Bunker Gear Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 85 – Bunker Gear Levels of Service

Year	Average Condition	Total Annual Investment
2026	36%	$31,000
2027	37%	$32,000
2028	38%	$32,000
2029	38%	$33,000
2030	39%	$34,000
2031	40%	$34,000
2032	41%	$35,000
2033	41%	$35,000
2034	42%	$35,000
2035	42%	$36,000
	Total =	$337,000

4.8. Fleet

4.8.1. Vehicles

4.8.1.1. State of Infrastructure

The State of infrastructure can be characterized according to their total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 31 units with a total replacement cost of $5,444,000, an average age of 7 years, an average condition of 47% and an average service life of 12 years. Table 86 – Vehicles State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 21 – Vehicles (Fleet) lists all assets owned by Township.

Table 86 – Vehicles State of Infrastructure

Characteristic	Value
Total Quantity	31 Units
Total Replacement Cost	$5,444,000
Average Age	7 Years
Average Condition	47%
Average Service Life	12 Years

4.8.1.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 87 – Vehicles Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $306,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 87 – Vehicles Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$435,000	$232,000	$203,000
2027	$203,000	$448,000	$637,000	$15,000
2028	$15,000	$458,000	$437,000	$36,000
2029	$36,000	$468,000	$450,000	$53,000
2030	$53,000	$479,000	$232,000	$301,000
2031	$301,000	$490,000	$776,000	$14,000
2032	$14,000	$494,000	$492,000	$16,000
2033	$16,000	$503,000	$190,000	$329,000
2034	$329,000	$514,000	$718,000	$126,000
2035	$126,000	$516,000	$336,000	$306,000

4.8.1.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of 26 units will be replaced at a total cost of $4,500,000. Table 88 – Vehicles Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 88 – Vehicles Lifecycle Strategy

Year	Asset ID	Project Cost
2026	VEH-00023, VEH-00025, VEH-00031	$232,000
2027	VEH-00014, VEH-00030, VEH-00005	$637,000
2028	VEH-00006, VEH-00008, VEH-00009, VEH-00012	$437,000
2029	VEH-00015	$450,000
2030	VEH-00026, VEH-00011	$232,000
2031	VEH-00016, VEH-00010, VEH-00029, VEH-00001	$776,000
2032	VEH-00017	$492,000
2033	VEH-00002, VEH-00007	$190,000
2034	VEH-00018, VEH-00028, VEH-00003	$718,000
2035	VEH-00013, VEH-00004, VEH-00027	$336,000
	Total =	$4,500,000

4.8.1.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $4,805,000 and a minimum average condition of 38%. Table 89 – Vehicles Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 89 – Vehicles Levels of Service

Year	Average Condition	Total Annual Investment
2026	38%	$435,000
2027	41%	$448,000
2028	43%	$458,000
2029	48%	$468,000
2030	42%	$479,000
2031	42%	$490,000
2032	46%	$494,000
2033	41%	$503,000
2034	41%	$514,000
2035	43%	$516,000
	Total =	$4,805,000

4.8.2. Machines

4.8.2.1. State of Infrastructure

The State of infrastructure can be characterized according to their total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of seven units with a total replacement cost of $1,750,000, an average age of 14 years, an average condition of 11% and an average service life of 10 years. Table 90 – Machines State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 22 – Machines (Fleet) lists all assets owned by Township.

Table 90 – Machines State of Infrastructure

Characteristic	Value
Total Quantity	7 Units
Total Replacement Cost	$1,750,000
Average Age	14 Years
Average Condition	11%
Average Service Life	10 Years

4.8.2.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 91 – Machines Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $200,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 91 – Machines Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$180,000	$0	$180,000
2027	$180,000	$186,000	$265,000	$101,000
2028	$101,000	$190,000	$273,000	$18,000
2029	$18,000	$193,000	$0	$211,000
2030	$211,000	$199,000	$290,000	$120,000
2031	$120,000	$201,000	$299,000	$22,000
2032	$22,000	$202,000	$0	$224,000
2033	$224,000	$208,000	$317,000	$116,000
2034	$116,000	$207,000	$0	$323,000
2035	$323,000	$213,000	$336,000	$200,000

4.8.2.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of six units will be replaced at a total cost of $1,780,000. Table 92 – Machines Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 92 – Machines Lifecycle Strategy

Year	Asset ID	Project Cost
2026	NA	$0
2027	MCH-00005	$265,000
2028	MCH-00003	$273,000
2029	NA	$0
2030	MCH-00004	$290,000
2031	MCH-00001	$299,000
2032	NA	$0
2033	MCH-00002	$317,000
2034	NA	$0
2035	MCH-00007	$336,000
	Total =	$1,780,000

4.8.2.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $1,979,000 and a minimum average condition of 9%. Table 93 – Machines Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 93 – Machines Levels of Service

Year	Average Condition	Total Annual Investment
2026	10%	$180,000
2027	9%	$186,000
2028	20%	$190,000
2029	30%	$193,000
2030	26%	$199,000
2031	34%	$201,000
2032	41%	$202,000
2033	34%	$208,000
2034	41%	$207,000
2035	34%	$213,000
	Total =	$1,979,000

4.9. Information Technology

4.9.1. Computers

4.9.1.1. State of Infrastructure

The State of infrastructure can be characterized according to their total quantity, total replacement cost, average age, average condition and average service life. In municipality, there is a total quantity of 64 units with a total replacement cost of $180,000, an average age of 4 years, an average condition of 41% and an average service life of 7 years. Table 94 – Computers State of Infrastructure summarizes the total quantity, total replacement cost, average age, average condition and average service life in 2025. Appendix 23 – Computers (Information Technology) lists all assets owned by Township.

Table 94 – Computers State of Infrastructure

Characteristic	Value
Total Quantity	64 Units
Total Replacement Cost	$180,000
Average Age	4 Years
Average Condition	41%
Average Service Life	7 Years

4.9.1.2. Financing Strategy

The financing strategy is guided by the utilization of annual investments and their surpluses generated over the planning horizon of the asset management plan. Table 95 – Computers Financing Strategy summarizes the reserves, total annual investment, project cost and surplus across planning years. Please note that the positive surplus of $1,000 at the end of the planning horizon represents funds that would be used to fund future projects not within the planning horizon of the asset management.

Table 95 – Computers Financing Strategy

Year	Total Reserves	Total Investment	Total Cost	Total Surplus
2026	$0	$26,000	$25,000	$1,000
2027	$1,000	$27,000	$25,000	$3,000
2028	$3,000	$28,000	$30,000	$1,000
2029	$1,000	$28,000	$27,000	$2,000
2030	$2,000	$29,000	$31,000	$0
2031	$0	$29,000	$29,000	$0
2032	$0	$29,000	$26,000	$4,000
2033	$4,000	$29,000	$30,000	$3,000
2034	$3,000	$29,000	$30,000	$2,000
2035	$2,000	$29,000	$30,000	$1,000

4.9.1.3. Lifecycle Strategy

The lifecycle strategy is the specific projects that will be completed over the planning horizon of the asset management plan. Over the planning horizon of the asset management plan, a total of 85 units will be replaced at a total cost of $283,000. Table 96 – Computers Lifecycle Strategy summarizes the year, Asset ID and project cost for each of the replacements during each of the respective years of the plan.

Table 96 – Computers Lifecycle Strategy

Year	Asset ID	Project Cost
2026	CMP-00001 – CMP-00008	$25,000
2027	CMP-00009 – CMP-00016	$25,000
2028	CMP-00017 – CMP-00025	$30,000
2029	CMP-00026 – CMP-00037	$27,000
2030	CMP-00038 – CMP-00046	$31,000
2031	CMP-00047 – CMP-00054	$29,000
2032	CMP-00055 – CMP-00061	$26,000
2033	CMP-00062 – CMP-00064 & CMP-00001 - CMP-00005	$30,000
2034	CMP-00006 – CMP-00013	$30,000
2035	CMP-00014 – CMP-00021	$30,000
	Total =	$283,000

4.9.1.4. Level of Service

The level of service can be summarized by two metrics including annual investment and average condition which are projected over the life of the plan to be a total investment of $283,000 and a minimum average condition of 29%. Table 97 – Computers Levels of Service summarizes the average condition and total annual investment across the planning horizon of the asset management plan.

Table 97 – Computers Levels of Service

Year	Average Condition	Total Annual Investment
2026	29%	$26,000
2027	29%	$27,000
2028	28%	$28,000
2029	31%	$28,000
2030	35%	$29,000
2031	40%	$29,000
2032	42%	$29,000
2033	40%	$29,000
2034	39%	$29,000
2035	39%	$29,000
	Total =	$283,000

5. Conclusion

This complete asset management has presented 23 asset management subplans covering 23 different types of assets across 9 asset categories. Each asset management subplan is constructed so that it presents the state of infrastructure, financing strategy, lifecycle strategy and level of service for a specific asset type. First, the state of infrastructure presents the Township's assets for 2025 as a baseline prior to the ten year (2026-2035) planning horizon of the overall asset management plan. Second, the financing strategy presents the total investment and total surplus amongst other financial characteristics of the Township's plan to finance the overall asset management plan. Third, the lifecycle strategy presents the individual projects that are completed each year over the 10-year planning horizon along with their overall costs per year. Fourth, the level of service presents the average condition along with the total investment which are the two performance metrics measured by the Township as part of their overall asset management plan. In summary, this complete asset management plan is the Township's strategic document for the management of its assets from 2026-2034.

Beyond meeting the requirements of O. Reg. 588/17, there are several next steps that the Township should take for the continuous improvement of its asset management planning. First, the Township's asset management plan currently uses total investment (replacement cost divided by service life) as the driver of asset management planning. Therefore, condition is not the driver of asset management but total investment is the driver of asset management. In the future, the Township should specify specific average condition targets for each asset type and finance the achievement of these performance measures. Second, straightline deterioration was used in asset management planning which does not likely equal how assets will perform over their service lives. Additionally, the condition of many of the Township's asset have been calculated using linear deterioration based off assumed acquisition dates. Moving forward, the Township should endeavour to evaluate the condition of its assets, particularly drinking water, wastewater and stormwater assets as this could likely reduce the total investment required for these asset types. Third, the Township should purchase an off-the-shelf software program that enables it to complete all asset management components (state of infrastructure, financing strategy, lifecycle strategy and level of service) in it as compared to the development of in-house software program. Current off-the-shelf software program at the Township does not allow staff to complete all components of an asset management which is why an in-house software program was developed in order to meet regulatory requirements. Fourth, asset management planning should be expanded beyond replacement-only to include asset rehabilitation amongst other types of asset maintenance. As currently constructed, this complete asset management only replaces assets, it does not do targeted rehabilitations to extend the service life of assets which would also reduce total investment in the long-term. Fifth, this complete asset management plan is a first step in what needs to be a continuous improvement journey. As part of its annual asset management program review, the Township should improve this plan and the overall program in order to better management assets moving forward.

Appendix 1 – Asphalt Roads

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
RST-00003	RST-17020	HCB	NA	2009	15	2025	78%	2025	$62,700	2029	6	
RST-00004	RST-50000	HCB	NA	2011	15	2025	72%	2025	$55,000	2031	6	
RST-00007	RST-65010	HCB	NA	2011	15	2025	67%	2025	$60,500	2031	1	
RST-10000		HCB	NA	2011	15	2025	70%	2025	$336,600	2031	6	
RST-10010		HCB	NA	2011	15	2025	72%	2025	$335,500	2031	6	
RST-10020		HCB	NA	2010	15	2025	74%	2025	$192,500	2030	6	
RST-10040		HCB	NA	2011	15	2025	70%	2025	$138,600	2031	6	
RST-11000		HCB	NA	2011	15	2025	70%	2025	$335,500	2031	6	
RST-11010		HCB	NA	2011	15	2025	71%	2025	$334,400	2031	6	
RST-11020		HCB	NA	2010	15	2025	73%	2025	$293,700	2030	6	
RST-11030		HCB	NA	2009	15	2025	77%	2025	$15,400	2029	6	
RST-12000		HCB	NA	2011	15	2025	71%	2025	$333,300	2031	6	
RST-12010		HCB	NA	2011	15	2025	72%	2025	$334,400	2031	6	
RST-13000		HCB	NA	2012	15	2025	67%	2025	$333,300	2032	6	
RST-13010		HCB	NA	2010	15	2025	72%	2025	$334,400	2030	6	
RST-13020		HCB	NA	2010	15	2025	72%	2025	$334,400	2030	6	
RST-13030		HCB	NA	2011	15	2025	70%	2025	$334,400	2031	6	
RST-13040		HCB	NA	2011	15	2025	69%	2025	$334,400	2031	6	
RST-13050		HCB	NA	2010	15	2025	75%	2025	$334,400	2030	6	
RST-13060		HCB	NA	2011	15	2025	71%	2025	$127,600	2031	6	
RST-14000		HCB	NA	2011	15	2025	72%	2025	$60,500	2031	6	
RST-14020		HCB	NA	2011	15	2025	69%	2025	$334,400	2031	6	
RST-14030		HCB	NA	2010	15	2025	74%	2025	$333,300	2030	6	
RST-14040		HCB	NA	2011	15	2025	71%	2025	$336,600	2031	6	
RST-14050		HCB	NA	2012	15	2025	65%	2025	$335,500	2032	6	

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
RST-14060		HCB	NA	2016	15	2025	45%	2025	$125,400	2036	0	
RST-16000		HCB	NA	2010	15	2025	77%	2025	$343,200	2030	6	
RST-16020		HCB	NA	2009	15	2025	78%	2025	$334,400	2029	6	
RST-16030		HCB	NA	2013	15	2025	60%	2025	$335,500	2033	0	
RST-16040		HCB	NA	2012	15	2025	67%	2025	$335,500	2032	6	
RST-16050		HCB	NA	2011	15	2025	71%	2025	$334,400	2031	6	
RST-16060		HCB	NA	2011	15	2025	72%	2025	$115,500	2031	6	
RST-18000		HCB	NA	2009	15	2025	80%	2025	$332,200	2029	6	
RST-18010		HCB	NA	2009	15	2025	79%	2025	$279,400	2029	6	
RST-18030		HCB	NA	2009	15	2025	82%	2025	$345,400	2029	6	
RST-21000		HCB	NA	2009	15	2025	77%	2025	$148,500	2029	6	
RST-21010		HCB	NA	2012	15	2025	65%	2025	$151,800	2032	1	
RST-21020		HCB	NA	2010	15	2025	75%	2025	$144,100	2030	6	
RST-21030		HCB	NA	2011	15	2025	71%	2025	$150,700	2031	6	
RST-21040		HCB	NA	2011	15	2025	72%	2025	$146,300	2031	6	
RST-21050		HCB	NA	2011	15	2025	71%	2025	$149,600	2031	6	
RST-21060		HCB	NA	2011	15	2025	68%	2025	$155,100	2031	6	
RST-21070		HCB	NA	2011	15	2025	71%	2025	$37,400	2031	6	
RST-22010		HCB	NA	2011	15	2025	69%	2025	$149,600	2031	6	
RST-22020		HCB	NA	2011	15	2025	70%	2025	$146,300	2031	6	
RST-22030		HCB	NA	2011	15	2025	68%	2025	$150,700	2031	6	
RST-22040		HCB	NA	2012	15	2025	66%	2025	$145,200	2032	6	
RST-25000		HCB	NA	2010	15	2025	77%	2025	$155,100	2030	6	
RST-25010		HCB	NA	2009	15	2025	78%	2025	$148,500	2029	6	
RST-25020		HCB	NA	2010	15	2025	77%	2025	$147,400	2030	6	
RST-25030		HCB	NA	2010	15	2025	75%	2025	$148,500	2030	6	

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
RST-25040		HCB	NA	2010	15	2025	73%	2025	$149,600	2030	6	
RST-27030		HCB	NA	2011	15	2025	70%	2025	$144,100	2031	6	
RST-27040		HCB	NA	2013	15	2025	62%	2025	149,600	2033	1	
RST-27050		HCB	NA	2011	15	2025	69%	2025	137,500	2031	6	
RST-27060		HCB	NA	2011	15	2025	69%	2025	159,500	2031	6	
RST-31000		HCB	NA	2010	15	2025	73%	2025	17,600	2030	6	
RST-31010		HCB	NA	2010	15	2025	73%	2025	50,600	2030	6	
RST-31020		HCB	NA	2010	15	2025	76%	2025	11,000	2030	6	
RST-32000		HCB	NA	2009	15	2025	78%	2025	12,100	2029	6	
RST-32010		HCB	NA	2009	15	2025	77%	2025	71,500	2029	6	
RST-32020		HCB	NA	2008	15	2025	84%	2025	63,800	2028	6	
RST-32030		HCB	NA	2010	15	2025	77%	2025	6,600	2030	6	
RST-32040		HCB	NA	2009	15	2025	81%	2025	15,400	2029	6	
RST-32050		HCB	NA	2011	15	2025	71%	2025	44,000	2031	6	
RST-32060		HCB	NA	2009	15	2025	82%	2025	61,600	2029	6	
RST-32070		HCB	NA	2009	15	2025	79%	2025	72,600	2029	6	
RST-32080		HCB	NA	2012	15	2025	63%	2025	3,300	2032	1	
RST-32090		HCB	NA	2009	15	2025	79%	2025	18,700	2029	6	
RST-33000		HCB	NA	2011	15	2025	68%	2025	56,100	2031	6	
RST-33010		HCB	NA	2012	15	2025	65%	2025	5,500	2032	6	
RST-33020		HCB	NA	2012	15	2025	66%	2025	53,900	2032	6	
RST-51000		HCB	NA	2012	15	2025	66%	2025	317,900	2032	6	
RST-51010		HCB	NA	2011	15	2025	71%	2025	$334,400	2031	6	
RST-51030		HCB	NA	2010	15	2025	72%	2025	$199,100	2030	6	
RST-51040		HCB	NA	2011	15	2025	68%	2025	$334,400	2031	6	
RST-51050		HCB	NA	2011	15	2025	69%	2025	$336,600	2031	6	

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
RST-51060		HCB	NA	2010	15	2025	74%	2025	$122,100	2030	6	
RST-51070		HCB	NA	2010	15	2025	74%	2025	$29,700	2030	6	
RST-52000		HCB	NA	2011	15	2025	72%	2025	$311,300	2031	6	
RST-52010		HCB	NA	2008	15	2025	85%	2025	$333,300	2028	6	
RST-52020		HCB	NA	2011	15	2025	70%	2025	$468,600	2031	6	
RST-52030		HCB	NA	2010	15	2025	73%	2025	$199,100	2030	6	
RST-52040		HCB	NA	2012	15	2025	66%	2025	$333,300	2032	6	
RST-52050		HCB	NA	2010	15	2025	76%	2025	$342,100	2030	6	
RST-52060		HCB	NA	2011	15	2025	68%	2025	$91,300	2031	6	
RST-52070		HCB	NA	2012	15	2025	63%	2025	$123,200	2032	6	
RST-53000		HCB	NA	2014	15	2025	57%	2025	$320,100	2034	1	
RST-53010		HCB	NA	2013	15	2025	61%	2025	$333,300	2033	6	
RST-53020		HCB	NA	2012	15	2025	63%	2025	$467,500	2032	6	
RST-53030		HCB	NA	2012	15	2025	63%	2025	$45,100	2032	6	
RST-53060		HCB	NA	2011	15	2025	68%	2025	$44,000	2031	6	
RST-55000		HCB	NA	2012	15	2025	66%	2025	$323,400	2032	6	
RST-55010		HCB	NA	2012	15	2025	65%	2025	$332,200	2032	6	
RST-56000		HCB	NA	2012	15	2025	64%	2025	$580,800	2032	6	
RST-56010		HCB	NA	2012	15	2025	64%	2025	$334,400	2032	6	
RST-61010		HCB	NA	2012	15	2025	62%	2025	$161,700	2032	6	
RST-61020		HCB	NA	2012	15	2025	67%	2025	$134,200	2032	6	
RST-61030		HCB	NA	2014	15	2025	53%	2025	$148,500	2034	1	
RST-61040		HCB	NA	2012	15	2025	64%	2025	$146,300	2032	6	
RST-61050		HCB	NA	2012	15	2025	66%	2025	$149,600	2032	6	
RST-61060		HCB	NA	2011	15	2025	70%	2025	$156,200	2031	6	
RST-63000		HCB	NA	2008	15	2025	83%	2025	$12,100	2028	6	

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
RST-63010		HCB	NA	2008	15	2025	82%	2025	$11,000	2028	6	
RST-63020		HCB	NA	2008	15	2025	84%	2025	$147,400	2028	6	
RST-63030		HCB	NA	2008	15	2025	84%	2025	$147,400	2028	6	
RST-63040		HCB	NA	2009	15	2025	81%	2025	$154,000	2029	6	
RST-64000		HCB	NA	2010	15	2025	75%	2025	$156,200	2030	1	
RST-64010		HCB	NA	2011	15	2025	71%	2025	$127,600	2031	6	
RST-64020		HCB	NA	2011	15	2025	71%	2025	$25,300	2031	6	
RST-64030		HCB	NA	2014	15	2025	57%	2025	$29,700	2034	1	
RST-66030		HCB	NA	2011	15	2025	71%	2025	$130,900	2031	6	
RST-68000		HCB	NA	2010	15	2025	72%	2025	$149,600	2030	1	
RST-70000		HCB	NA	2010	15	2025	74%	2025	$155,100	2030	6	
RST-70010		HCB	NA	2011	15	2025	71%	2025	$28,600	2031	6	
RST-70020		HCB	NA	2010	15	2025	75%	2025	$52,800	2030	6	
RST-70030		HCB	NA	2010	15	2025	75%	2025	$26,400	2030	6	
RST-70040		HCB	NA	2010	15	2025	74%	2025	$17,600	2030	6	
RST-70050		HCB	NA	2010	15	2025	72%	2025	$79,200	2030	1	
RST-70060		HCB	NA	2010	15	2025	73%	2025	$23,100	2030	6	
RST-70070		HCB	NA	2011	15	2025	71%	2025	$107,800	2031	6	
RST-70080		HCB	NA	2010	15	2025	73%	2025	$12,100	2030	6	
RST-70090		HCB	NA	2010	15	2025	72%	2025	$40,700	2030	6	
RST-70100		HCB	NA	2011	15	2025	68%	2025	$24,200	2031	6	
RST-70110		HCB	NA	2010	15	2025	76%	2025	$45,100	2030	6	
RST-70120		HCB	NA	2010	15	2025	73%	2025	$23,100	2030	6	
RST-70130		HCB	NA	2010	15	2025	75%	2025	$33,000	2030	6	
RST-70140		HCB	NA	2010	15	2025	75%	2025	$151,800	2030	6	
RST-70150		HCB	NA	2010	15	2025	76%	2025	$13,200	2030	6	

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
RST-70160		HCB	NA	2010	15	2025	73%	2025	$113,300	2030	6	
RST-70170		HCB	NA	2010	15	2025	74%	2025	$72,600	2030	6	
RST-71000		HCB	NA	2010	15	2025	75%	2025	$12,100	2030	6	
RST-71010		HCB	NA	2010	15	2025	74%	2025	$49,500	2030	6	
RST-71020		HCB	NA	2009	15	2025	78%	2025	$28,600	2029	1	
RST-71030		HCB	NA	2009	15	2025	80%	2025	$100,100	2029	1	
RST-71040		HCB	NA	2009	15	2025	81%	2025	$49,500	2029	6	
RST-71050		HCB	NA	2011	15	2025	72%	2025	$17,600	2031	1	
RST-71060		HCB	NA	2010	15	2025	73%	2025	$12,100	2030	1	
RST-71070		HCB	NA	2010	15	2025	72%	2025	$36,300	2030	6	
RST-72000		HCB	NA	2013	15	2025	61%	2025	$11,000	2033	6	
RST-72010		HCB	NA	2009	15	2025	79%	2025	$28,600	2029	6	
RST-72020		HCB	NA	2010	15	2025	76%	2025	$205,700	2030	6	
RST-72030		HCB	NA	2010	15	2025	75%	2025	$26,400	2030	6	
RST-72040		HCB	NA	2010	15	2025	73%	2025	$23,100	2030	6	
RST-72050		HCB	NA	2010	15	2025	76%	2025	$25,300	2030	6	
RST-72060		HCB	NA	2009	15	2025	77%	2025	$64,900	2029	6	
RST-72070		HCB	NA	2010	15	2025	76%	2025	$155,100	2030	6	
RST-80000		HCB	NA	2010	15	2025	74%	2025	$45,100	2030	6	
RST-80010		HCB	NA	2010	15	2025	72%	2025	$176,000	2030	6	
RST-80020		HCB	NA	2010	15	2025	72%	2025	$30,800	2030	6	
RST-80040		HCB	NA	2010	15	2025	72%	2025	$23,100	2030	6	
RST-80050		HCB	NA	2011	15	2025	71%	2025	$64,900	2031	6	
RST-80070		HCB	NA	2011	15	2025	69%	2025	$46,200	2031	6	
RST-80120		HCB	NA	2010	15	2025	76%	2025	$33,000	2030	6	
RST-90000		HCB	NA	2011	15	2025	69%	2025	$39,600	2031	6	

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
RST-90010		HCB	NA	2013	15	2025	60%	2025	$36,300	2033	1	
RST-90020		HCB	NA	2011	15	2025	71%	2025	$62,700	2031	6	
RST-90030		HCB	NA	2011	15	2025	68%	2025	$24,200	2031	6	
RST-90040		HCB	NA	2012	15	2025	63%	2025	$73,700	2032	1	
RST-90050		HCB	NA	2011	15	2025	70%	2025	$66,000	2031	6	
RST-90060		HCB	NA	2011	15	2025	69%	2025	$92,400	2031	6	
RST-90070		HCB	NA	2011	15	2025	71%	2025	$96,800	2031	6	
RST-90080		HCB	NA	2012	15	2025	67%	2025	$114,400	2032	6	
RST-90090		HCB	NA	2011	15	2025	68%	2025	$12,100	2031	1	
RST-90100		HCB	NA	2010	15	2025	72%	2025	$13,200	2030	6	
RST-90110		HCB	NA	2010	15	2025	72%	2025	$31,900	2030	6	
RST-90120		HCB	NA	2010	15	2025	74%	2025	$39,600	2030	6	
RST-90130		HCB	NA	2011	15	2025	70%	2025	$261,800	2031	1	
RST-90140		HCB	NA	2010	15	2025	75%	2025	$220,000	2030	6	
RST-90150		HCB	NA	2011	15	2025	71%	2025	$81,400	2031	6	
RST-90160		HCB	NA	2010	15	2025	76%	2025	$68,200	2030	6	
RST-90170		HCB	NA	2010	15	2025	75%	2025	$83,600	2030	6	
RST-90180		HCB	NA	2010	15	2025	73%	2025	$210,100	2030	6	
RST-90190		HCB	NA	2010	15	2025	77%	2025	$74,800	2030	6	

Appendix 2 – Chipseal Roads

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
RST-00006	RST-56020	LCB	NA	2018	7	2025	72%	2025	$128,800	2028	6	RST-00006
RST-12020		LCB	NA	2022	7	2025	67%	2025	$213,500	2027	6	RST-12020
RST-12030		LCB	NA	2012	7	2025	65%	2025	$77,000	2032	6	RST-12030
RST-17000		LCB	NA	2019	7	2025	61%	2025	$211,400	2029	1	RST-17000
RST-56020		LCB	NA	2011	7	2025	70%	2025	$132,000	2031	6	RST-56020
RST-69000		LCB	NA	2012	7	2025	63%	2025	$53,900	2032	6	RST-69000
RST-80030		LCB	NA	2021	7	2025	71%	2025	$66,500	2026	6	RST-80030

Appendix 3 - Gravel Roads

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
RST-00001	RST-11030	GST	NA	2022	4	2025	50%	2025	$11,600	2027	0	
RST-00002	RST-14000	GST	NA	2022	4	2025	58%	2025	$106,000	2027	0	
RST-00005	RST-53060	GST	NA	2022	4	2025	62%	2025	$106,400	2027	0	
RST-11040		GST	NA	2022	4	2025	69%	2025	$53,600	2027	NULL	
RST-11050		GST	NA	2022	4	2025	69%	2025	$58,000	2027	NULL	
RST-11070		GST	NA	2023	4	2025	49%	2025	$122,400	2028	0	
RST-11080		GST	NA	2022	4	2025	58%	2025	$46,400	2027	0	
RST-12040		GST	NA	2023	4	2025	38%	2025	$20,800	2028	0	
RST-12050		GST	NA	2022	4	2025	53%	2025	$122,000	2027	0	
RST-12060		GST	NA	2022	4	2025	59%	2025	$121,600	2027	NULL	
RST-12070		GST	NA	2022	4	2025	61%	2025	$46,800	2027	0	
RST-14010		GST	NA	2022	4	2025	54%	2025	$125,200	2027	0	
RST-16010		GST	NA	2022	4	2025	69%	2025	$121,200	2027	0	
RST-17010		GST	NA	2022	4	2025	62%	2025	$122,000	2027	NULL	
RST-17020		GST	NA	2022	4	2025	52%	2025	$18,000	2027	0	
RST-17030		GST	NA	2022	4	2025	61%	2025	$17,200	2027	NULL	
RST-17040		GST	NA	2022	4	2025	60%	2025	$83,600	2027	NULL	
RST-22000		GST	NA	2021	4	2025	71%	2025	$16,000	2026	0	
RST-26000		GST	NA	2022	4	2025	60%	2025	$57,600	2027	0	
RST-26010		GST	NA	2022	4	2025	56%	2025	$53,600	2027	0	
RST-26020		GST	NA	2022	4	2025	62%	2025	$53,200	2027	NULL	
RST-26030		GST	NA	2022	4	2025	55%	2025	$53,200	2027	NULL	
RST-26040		GST	NA	2022	4	2025	55%	2025	$54,800	2027	0	
RST-26050		GST	NA	2022	4	2025	60%	2025	$74,000	2027	NULL	
RST-26060		GST	NA	2022	4	2025	59%	2025	$59,600	2027	NULL	

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
RST-26070		GST	NA	2022	4	2025	61%	2025	$13,600	2027	NULL	
RST-27000		GST	NA	2022	4	2025	54%	2025	$54,400	2027	0	
RST-27010		GST	NA	2022	4	2025	65%	2025	$53,200	2027	NULL	
RST-27020		GST	NA	2022	4	2025	63%	2025	$54,000	2027	0	
RST-50000		GST	NA	2022	4	2025	68%	2025	$9,600	2027	NULL	
RST-50010		GST	NA	2022	4	2025	68%	2025	$124,800	2027	NULL	
RST-50020		GST	NA	2022	4	2025	68%	2025	$88,400	2027	NULL	
RST-51020		GST	NA	2022	4	2025	55%	2025	$75,200	2027	0	
RST-55020		GST	NA	2022	4	2025	60%	2025	$9,600	2027	0	
RST-61000		GST	NA	2022	4	2025	69%	2025	$24,000	2027	NULL	
RST-65000		GST	NA	2022	4	2025	67%	2025	$56,400	2027	NULL	
RST-65010		GST	NA	2022	4	2025	64%	2025	$27,200	2027	NULL	
RST-67000		GST	NA	2022	4	2025	59%	2025	$56,000	2027	0	
RST-67010		GST	NA	2022	4	2025	52%	2025	$46,800	2027	0	
RST-80060		GST	NA	2022	4	2025	63%	2025	$26,800	2027	NULL	
RST-80080		GST	NA	2023	4	2025	49%	2025	$21,600	2028	0	
RST-80090		GST	NA	2023	4	2025	45%	2025	$54,000	2028	NULL	
RST-80100		GST	NA	2023	4	2025	48%	2025	$10,000	2028	0	
RST-80110		GST	NA	2023	4	2025	43%	2025	$13,600	2028	NULL	

Appendix 4 – Bridges (Structures)

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
BRD-00001	STR-00001	Bridges	NA	1970	75	2024	72%	2024	$1,858,000	2045	10	
BRD-00002	STR-00002	Bridges	NA	1930	75	2024	67%	2024	$1,333,000	2005	10	
BRD-00003	STR-00003	Bridges	NA	1975	75	2024	71%	2024	$2,345,000	2050	10	
BRD-00004	STR-00004	Bridges	NA	1960	75	2024	71%	2024	$977,000	2035	10	
BRD-00005	STR-00005	Bridges	NA	1922	75	2024	39%	2024	$664,000	1997	0	
BRD-00006	STR-00008	Bridges	NA	2008	75	2024	79%	2024	$1,523,000	2083	10	
BRD-00007	STR-00009	Bridges	NA	2014	75	2024	87%	2024	$1,983,000	2089	10	
BRD-00008	STR-00010	Bridges	NA	2010	75	2024	79%	2024	$1,665,000	2085	10	
BRD-00009	STR-00011	Bridges	NA	1950	75	2024	46%	2024	$1,164,000	2025	1	
BRD-00010	STR-00012	Bridges	NA	2018	75	2024	93%	2024	$2,098,000	2093	10	
BRD-00011	STR-00013	Bridges	NA	1955	75	2024	63%	2024	$852,000	2030	10	
BRD-00012	STR-00014	Bridges	NA	2019	75	2024	96%	2024	$895,000	2094	10	
BRD-00013	STR-00015	Bridges	NA	2008	75	2024	81%	2024	$1,408,000	2083	10	
BRD-00014	STR-00016	Bridges	NA	1980	75	2024	67%	2024	$1,753,000	2055	10	
BRD-00015	STR-00017	Bridges	NA	1950	75	2024	62%	2024	$1,638,000	2025	10	
BRD-00016	STR-00018	Bridges	NA	1930	75	2024	65%	2024	$2,213,000	2005	10	
BRD-00017	STR-00019	Bridges	NA	2022	75	2024	100%	2024	$1,227,000	2097	10	
BRD-00018	STR-00020	Bridges	NA	1985	75	2024	69%	2024	$2,443,000	2060	10	
BRD-00019	STR-00021	Bridges	NA	2009	75	2023	91%	2023	$2,083,000	2084	10	
BRD-00020	STR-00022	Bridges	NA	2020	75	2023	98%	2023	$1,188,000	2095	10	
BRD-00021	STR-00023	Bridges	NA	1990	75	2023	74%	2023	$1,270,000	2065	10	
BRD-00022	STR-00024	Bridges	NA	1950	75	2023	61%	2023	$1,208,000	2025	10	
BRD-00023	STR-00025	Bridges	NA	1950	75	2023	79%	2023	$645,000	2025	10	
BRD-00024	STR-00027	Bridges	NA	1960	75	2023	69%	2023	$958,000	2035	10	
BRD-00025	STR-00028	Bridges	NA	1950	75	2023	57%	2023	$1,853,000	2025	6	

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
BRD-00026	STR-00031	Bridges	NA	2000	75	2023	68%	2023	$1,903,000	2075	10	
BRD-00027	STR-00033	Bridges	NA	1950	75	2023	54%	2023	$1,083,000	2025	6	
BRD-00028	STR-00034	Bridges	NA	1950	75	2023	67%	2023	$1,270,000	2025	10	
BRD-00029	STR-00035	Bridges	NA	1950	75	2023	63%	2023	$645,000	2025	10	
BRD-00030	STR-00036	Bridges	NA	1950	75	2023	64%	2023	$645,000	2025	10	
BRD-00031	STR-00038	Bridges	NA	1955	75	2023	64%	2023	$1,333,000	2030	10	
BRD-00032	STR-00041	Bridges	NA	1960	75	2023	66%	2023	$1,208,000	2035	10	
BRD-00033	STR-00042	Bridges	NA	1985	75	2024	68%	2024	$664,000	2060	10	
BRD-00034	STR-00043	Bridges	NA	1922	75	2024	17%	2024	$603,000	1997	0	
BRD-00035	STR-00045	Bridges	NA	1980	75	2024	40%	2024	$603,000	2055	0	
BRD-00036	STR-00047	Bridges	NA	1970	75	2024	68%	2024	$1,164,000	2045	10	
BRD-00037	STR-00048	Bridges	NA	1980	75	2024	70%	2024	$914,000	2055	10	
BRD-00038	STR-00049	Bridges	NA	1955	75	2024	68%	2024	$914,000	2030	10	
BRD-00039	STR-00052	Bridges	NA	1950	75	2023	69%	2023	$645,000	2025	10	
BRD-00040	STR-00053	Bridges	NA	1950	75	2023	61%	2023	$1,270,000	2025	10	
BRD-00041	STR-00054	Bridges	NA	1955	75	2023	65%	2023	$833,000	2030	10	
BRD-00042	STR-00056	Bridges	NA	1930	75	2024	49%	2024	$603,000	2005	1	
BRD-00043	STR-00057	Bridges	NA	1950	75	2023	75%	2023	$688,000	2025	0	
BRD-00044	STR-00065	Bridges	NA	1950	75	2023	75%	2023	$1,063,000	2025	10	
BRD-00045	STR-00067	Bridges	NA	1930	75	2024	50%	2024	$1,039,000	2005	1	
BRD-00046	STR-00068	Bridges	NA	1980	75	2024	81%	2024	$585,000	2055	10	
BRD-00047	STR-00073	Bridges	NA	1956	75	2023	60%	2023	$708,000	2031	6	

Appendix 5 – Culverts (Structures)

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
CLV-00001	STR-00006	Culverts	NA	2000	35	2024	72%	2024	$603,000	2035	10	
CLV-00002	STR-00007	Culverts	NA	2000	75	2024	74%	2024	$789,000	2075	10	
CLV-00003	STR-00026	Culverts	NA	1990	35	2023	61%	2023	$645,000	2025	10	
CLV-00004	STR-00029	Culverts	NA	1975	75	2023	62%	2023	$1,968,000	2050	10	
CLV-00005	STR-00030	Culverts	NA	1934	75	2023	56%	2023	$1,903,000	2009	6	
CLV-00006	STR-00032	Culverts	NA	2000	35	2023	74%	2023	$895,000	2035	10	
CLV-00007	STR-00037	Culverts	NA	2000	75	2023	73%	2023	$958,000	2075	10	
CLV-00008	STR-00040	Culverts	NA	1990	35	2023	25%	2023	$1,270,000	2025	0	
CLV-00009	STR-00044	Culverts	NA	2011	75	2023	83%	2023	$625,000	2086	10	
CLV-00010	STR-00046	Culverts	NA	1985	35	2024	47%	2024	$585,000	2020	1	
CLV-00011	STR-00050	Culverts	NA	1995	75	2023	71%	2023	$708,000	2070	10	
CLV-00012	STR-00051	Culverts	NA	1955	75	2023	69%	2023	$833,000	2030	10	
CLV-00013	STR-00055	Culverts	NA	2020	75	2023	97%	2023	$813,000	2095	10	
CLV-00014	STR-00058	Culverts	NA	2000	35	2023	72%	2023	$563,000	2035	10	
CLV-00015	STR-00059	Culverts	NA	1955	75	2023	72%	2023	$625,000	2030	10	
CLV-00016	STR-00060	Culverts	NA	1985	35	2024	69%	2024	$708,000	2020	10	
CLV-00017	STR-00061	Culverts	NA	2010	35	2024	74%	2024	$833,000	2045	10	
CLV-00018	STR-00063	Culverts	NA	1990	35	2024	74%	2024	$603,000	2025	10	
CLV-00019	STR-00064	Culverts	NA	2021	50	2024	98%	2024	$664,000	2071	10	
CLV-00020	STR-00066	Culverts	NA	1970	75	2024	72%	2024	$727,000	2045	10	
CLV-00021	STR-00069	Culverts	NA	2000	35	2024	71%	2024	$603,000	2035	10	
CLV-00022	STR-00070	Culverts	NA	2000	35	2024	71%	2024	$603,000	2035	10	
CLV-00023	STR-00071	Culverts	NA	1975	35	2023	36%	2023	$638,000	2010	0	
CLV-00024	STR-00072	Culverts	NA	1995	35	2023	17%	2023	$638,000	2030	1	
CLV-00025	STR-00074	Culverts	NA	1975	35	2023	61%	2023	$575,000	2010	10	

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
CLV-00026	STR-00075	Culverts	NA	1975	35	2023	73%	2023	$750,000	2010	10	
CLV-00027	STR-00076	Culverts	NA	1975	35	2024	36%	2024	$852,000	2010	0	

Appendix 6 – Pipes (Drinking Water)

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
DPP-00001 → DPP-00004	NA	Pipes	NA	1982	75	2025	43%	2024	$102,000	2057	NA	Hockley DWS
DPP-00005 → DPP-00015	NA	Pipes	NA	1996	75	2025	61%	2024	$602,000	2071	NA	Rosemont DWS
DPP-00016 → DPP-00036	NA	Pipes	NA	1978	75	2025	37%	2024	$664,000	2075	NA	Lisle DWS
DPP-00037 → DPP-00050	NA	Pipes	NA	1979	75	2025	39%	2024	$324,000	2054	NA	Loretto DWS (Weca #1)
DPP-00051 → DPP-00054	NA	Pipes	NA	1989	75	2025	52%	2024	$292,000	2064	NA	Loretto DWS (Weca #2)
DPP-00055 → DPP-00060	NA	Pipes	NA	2013	75	2025	84%	2024	$414,000	2088	NA	Loretto DWS (Evergreen Estates)
DPP-00061 → DPP-00066	NA	Pipes	NA	2024	75	2025	99%	2024	$292,000	2099	NA	Loretto DWS (Loretto Heights)
DPP-00067 → DPP-00068	NA	Pipes	NA	2018	75	2025	91%	2024	$50,000	2093	NA	Loretto DWS (County Road 50)
DPP-0069 → DPP-0078	NA	Pipes	NA	1988	75	2025	51%	2024	$858,000	2063	NA	Colgan DWS (Original System)
DPP-00079	NA	Pipes	NA	2009	75	2025	79%	2024	$864,000	2084	NA	Colgan DWS (New Pumphouse)
DPP-00080 → DPP-00199	NA	Pipes	NA	1991	75	2025	55%	2024	$3,870,000	2066	NA	Everett DWS (Original System)
DPP-00200 → DPP-00238	NA	Pipes	NA	2002	75	2025	69%	2024	$1,660,000	2077	NA	Everett DWS (New Horizons)

Appendix 7 – Appurtenances (Drinking Water)

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
DAP-00001 → DAP-00017	NA	Appurtenances	NA	1982	50	2025	14%	2024	$54,000	2032	NA	Hockley DWS
DAP-00018 → DAP-00074	NA	Appurtenances	NA	1996	50	2025	42%	2024	$179,500	2046	NA	Rosemont DWS
DAP-00075 → DAP-00184	NA	Appurtenances	NA	1978	50	2025	50%	2024	$372,500	2028	NA	Lisle DWS
DAP-00185 → DAP00247	NA	Appurtenances	NA	1979	50	2025	8%	2024	$197,500	2029	NA	Loretto DWS (Weca #1)
DAP-00248 → DAP-00286	NA	Appurtenances	NA	1989	50	2025	28%	2024	$121,000	2039	NA	Loretto DWS (Weca #2)
DAP-00287 → DAP-00321	NA	Appurtenances	NA	2013	50	2025	76%	2024	$113,000	2063	NA	Loretto DWS (Evergreen Estates)
DAP-00322	NA	Appurtenances	NA	2018	50	2025	86%	2024	$3,000	2068	NA	Loretto DWS (County Road 50)
DAP-00323 → DAP-00356	NA	Appurtenances	NA	2024	50	2025	98%	2024	$122,000	2074	NA	Loretto DWS (Loretto Heights)
DAP-00357 → DAP-00445	NA	Appurtenances	NA	1988	50	2025	26%	2024	$287,000	2038	NA	Colgan DWS (Original System)
DAP-00446 → DAP-01109	NA	Appurtenances	NA	1991	50	2025	32%	2024	$2228,000	2041	NA	Everett DWS (Original System)
DAP-01110 → DAP-01271	NA	Appurtenances	NA	2002	50	2025	54%	2024	$586,000	2052	NA	Everett DWS (New Horizon)

Appendix 8 – Facilities (Drinking Water)

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
DFT-00001	NA	Facilities (DW)	Pumphouses	1982	50	2025	14%	14	2020	$400,000	NA	Hockley
DFT-00002	NA	Facilities (DW)	Pumphouses	1996	50	2025	42%	42	2020	$500,000	NA	Rosemont #1
DFT-00003	NA	Facilities (DW)	Pumphouses	1996	50	2025	42%	42	2020	$500,000	NA	Rosemont #2
DFT-00004	NA	Facilities (DW)	Pumphouses	1996	50	2025	42%	42	2020	$500,000	NA	Rosemont #3
DFT-00005	NA	Facilities (DW)	Pumphouses	1978	50	2025	6%	6	2020	$600,000	NA	Lisle
DFT-00006	NA	Facilities (DW)	Pumphouses	1972	50	2025	0%	0	2020	$450,000	NA	Loretto (Weca #1)
DFT-00007	NA	Facilities (DW)	Pumphouses	1979	50	2025	8%	8	2020	$450,000	NA	Loretto
DFT-00008	NA	Facilities (DW)	Pumphouses	1989	50	2025	28%	28	2020	$400,000	NA	Loretto
DFT-00009	NA	Facilities (DW)	Pumphouses	1988	50	2025	26%	26	2020	$400,000	NA	Colgan
DFT-00010	NA	Facilities (DW)	Pumphouses	2009	50	2025	68%	68	2020	$2,100,000	NA	Colgan
DFT-00011	NA	Facilities (DW)	Pumphouses	1991	50	2025	32%	32	2020	$1,100,000	NA	Everett

Appendix 9 – Equipment (Drinking Water)

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
DEQ-00001	PW-1	Equipment (DW)	Wells	1974	50	2025	0%	2024	$10,000	2024	NA	Hockley DWS
DEQ-00002	PW-1A	Equipment (DW)	Wells	2007	50	2025	64%	2024	$10,000	2057	NA	Rosemont DWS
DEQ-00003	PW-3A	Equipment (DW)	Wells	2005	50	2025	60%	2024	$10,000	2055	NA	Rosemont DWS
DEQ-00004	NA	Equipment (DW)	Reservoirs	1996	50	2025	42%	2024	$1,000,000	2046	NA	Rosemont DWS
DEQ-00005	NA	Equipment (DW)	Reservoirs	1996	50	2025	42%	2024	$1,000,000	2046	NA	Rosemont DWS
DEQ-00006	PW-1	Equipment (DW)	Wells	1977	50	2025	4%	2024	$10,000	2027	NA	Lisle DWS
DEQ-00007	PW-2	Equipment (DW)	Wells	1986	50	2025	22%	2024	$10,000	2036	NA	Lisle DWS
DEQ-00008	PW-1	Equipment (DW)	Wells	1969	50	2025	0%	2024	$10,000	2019	NA	Weca #1
DEQ-00009	PW-2	Equipment (DW)	Wells	1987	50	2025	24%	2024	$10,000	2037	NA	Weca #2
DEQ-00010	PW-1	Equipment (DW)	Wells	1971	50	2025	0%	2024	$10,000	2021	NA	Loretto Heights
DEQ-00011	PW-2	Equipment (DW)	Wells	2023	50	2025	96%	2024	$10,000	2073	NA	Loretto Heights
DEQ-00012	CW1	Equipment (DW)	Wells	2008	50	2025	66%	2024	$10,000	2058	NA	Colgan DWS
DEQ-00013	CW2	Equipment (DW)	Wells	2008	50	2025	66%	2024	$10,000	2058	NA	Colgan DWS
DEQ-00014	CW3	Equipment (DW)	Wells	2008	50	2025	66%	2024	$10,000	2058	NA	Colgan DWS
DEQ-00015	MW1	Equipment (DW)	Wells	2004	50	2025	58%	2024	$10,000	2054	NA	Colgan DWS
DEQ-00016	PW-1	Equipment (DW)	Wells	2008	50	2025	66%	2024	$10,000	2058	NA	Colgan DWS
DEQ-00017	PW-2	Equipment (DW)	Wells	1986	50	2025	22%	2024	$10,000	2036	NA	Everett DWS
DEQ-00018	NA	Equipment (DW)	Wells	1987	50	2025	24%	2024	$10,000	2037	NA	Everett DWS
DEQ-00019	NA	Equipment (DW)	Wells	1990	50	2025	30%	2024	$10,000	2040	NA	Everett DWS
DEQ-00020	NA	Equipment (DW)	Reservoir	1985	50	2025	20%	2024	$1,000,000	2035	NA	Everett DWS

Appendix 10 – Pipes (Wastewater)

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
WPP-00001	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$60,000	2078	NA	New Horizons
WPP-00002	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$82,000	2078	NA	New Horizons
WPP-00003	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$49,000	2078	NA	New Horizons
WPP-00004	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$86,500	2078	NA	New Horizons
WPP-00005	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$97,000	2078	NA	New Horizons
WPP-00006	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$81,500	2078	NA	New Horizons
WPP-00007	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$45,000	2078	NA	New Horizons
WPP-00008	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$49,500	2078	NA	New Horizons
WPP-00009	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$73,400	2078	NA	New Horizons
WPP-00010	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$36,500	2078	NA	New Horizons
WPP-00011	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$79,600	2078	NA	New Horizons
WPP-00012	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$40,000	2078	NA	New Horizons
WPP-00013	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$22,500	2078	NA	New Horizons
WPP-00014	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$78,500	2078	NA	New Horizons
WPP-00015	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$45,500	2078	NA	New Horizons
WPP-00016	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$25,400	2078	NA	New Horizons
WPP-00017	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$71,500	2078	NA	New Horizons
WPP-00018	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$110,000	2078	NA	New Horizons
WPP-00019	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$110,000	2078	NA	New Horizons
WPP-00020	NA	Pipes (WW)	NA	2003	75	2020	70%	2021	$88,800	2078	NA	New Horizons

Appendix 11 – Appurtenances (Wastewater)

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
WAP-00001	SMH-0001A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00002	SMH-0002A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00003	SMH-0003A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00004	SMH-0004A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00005	SMH-0005A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00006	SMH-0006A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00007	SMH-0007A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00008	SMH-0008A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00009	SMH-0009A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00010	SMH-0010A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00011	SMH-0011A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00012	SMH-0012A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00013	SMH-0013A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00014	SMH-0014A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00015	SMH-0015A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00016	SMH-0016A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00017	SMH-0017A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00018	SMH-0018A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00019	SMH-0019A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00020	SMH-0020A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00021	SMH-0021A	Appurtenances (WW)	Manholes	2003	50	2020	56%	2021	$9,000	2053	NA	New Horizons
WAP-00022 → WAP-00121	NA	Appurtenances (WW)	Laterals	2003	50	2020	56%	2021	$300,000	2053	NA	New Horizons

Appendix 12 – Facilities (Wastewater)

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
WFT-00001	NA	Facilities (WW)	WWTP	2003	50	2020	56%	2020	$1,300,000	2053	0	WWTP
WFT-00002	NA	Facilities (WW)	PS	2003	50	2020	56%	2020	$50,000	2053	NA	Lynch PS1
WFT-00003	NA	Facilities (WW)	PS	2003	50	2020	56%	2020	$50,000	2053	NA	Dekker PS2

Appendix 13 – Pipes (Stormwater)

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
SPP-00001	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$7,300	2072	NA	White Pine Subdivision
SPP-00002	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$35,000	2072	NA	White Pine Subdivision
SPP-00003	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$50,000	2072	NA	White Pine Subdivision
SPP-00004	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$7,300	2072	NA	White Pine Subdivision
SPP-00005	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$100,000	2072	NA	White Pine Subdivision
SPP-00006	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$7,300	2072	NA	White Pine Subdivision
SPP-00007	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$27,000	2072	NA	White Pine Subdivision
SPP-00008	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$7,300	2072	NA	White Pine Subdivision
SPP-00009	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$79,000	2072	NA	White Pine Subdivision
SPP-00010	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$7,300	2072	NA	White Pine Subdivision
SPP-00011	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$7,300	2072	NA	White Pine Subdivision
SPP-00012	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$100,000	2072	NA	White Pine Subdivision
SPP-00013	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$33,000	2072	NA	White Pine Subdivision
SPP-00014	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$7,300	2072	NA	White Pine Subdivision
SPP-00015	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$80,000	2072	NA	White Pine Subdivision
SPP-00016	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$7,300	2072	NA	White Pine Subdivision
SPP-00017	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$80,000	2072	NA	White Pine Subdivision
SPP-00018	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$7,300	2072	NA	White Pine Subdivision
SPP-00019	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$78,500	2072	NA	White Pine Subdivision
SPP-00020	NA	Pipes (SW)	NA	1997	75	2025	62%	2021	$7,300	2072	NA	White Pine Subdivision
SPP-00021	NA	Pipes (SW)	NA	2014	75	2025	85%	2021	$20,000	2089	NA	Blanchard Subdivision
SPP-00022	NA	Pipes (SW)	NA	2014	75	2025	85%	2021	$25,000	2089	NA	Blanchard Subdivision

Appendix 14 – Appurtenances (Stormwater)

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
SAP-00001	NA	Appurtenances (SW)	CB	1997	50	2025	44%	2021	$2,000	2047	NA	White Pine Subdivision
SAP-00002	NA	Appurtenances (SW)	CB	1997	50	2025	44%	2021	$2,000	2047	NA	White Pine Subdivision
SAP-00003	NA	Appurtenances (SW)	CB	1997	50	2025	44%	2021	$2,000	2047	NA	White Pine Subdivision
SAP-00004	NA	Appurtenances (SW)	CB	1997	50	2025	44%	2021	$2,000	2047	NA	White Pine Subdivision
SAP-00005	NA	Appurtenances (SW)	CB	1997	50	2025	44%	2021	$2,000	2047	NA	White Pine Subdivision
SAP-00006	NA	Appurtenances (SW)	CB	1997	50	2025	44%	2021	$2,000	2047	NA	White Pine Subdivision
SAP-00007	NA	Appurtenances (SW)	CB	1997	50	2025	44%	2021	$2,000	2047	NA	White Pine Subdivision
SAP-00008	NA	Appurtenances (SW)	CB	1997	50	2025	44%	2021	$2,000	2047	NA	White Pine Subdivision
SAP-00009	NA	Appurtenances (SW)	CB	1997	50	2025	44%	2021	$2,000	2047	NA	White Pine Subdivision
SAP-00010	NA	Appurtenances (SW)	CB	1997	50	2025	44%	2021	$2,000	2047	NA	White Pine Subdivision
SAP-00011	NA	Appurtenances (SW)	CB	1997	50	2025	44%	2021	$2,000	2047	NA	White Pine Subdivision
SAP-00012	NA	Appurtenances (SW)	CB	1997	50	2025	44%	2021	$2,000	2047	NA	White Pine Subdivision
SAP-00013	NA	Appurtenances (SW)	CB	1997	50	2025	44%	2021	$2,000	2047	NA	White Pine Subdivision
SAP-00014	NA	Appurtenances (SW)	CBMH	1997	50	2025	44%	2021	$9,000	2047	NA	White Pine Subdivision
SAP-00015	NA	Appurtenances (SW)	CBMH	1997	50	2025	44%	2021	$9,000	2047	NA	White Pine Subdivision
SAP-00016	NA	Appurtenances (SW)	CBMH	1997	50	2025	44%	2021	$9,000	2047	NA	White Pine Subdivision
SAP-00017	NA	Appurtenances (SW)	CBMH	1997	50	2025	44%	2021	$9,000	2047	NA	White Pine Subdivision
SAP-00018	NA	Appurtenances (SW)	MH	1997	50	2025	44%	2021	$9,000	2047	NA	White Pine Subdivision
SAP-00019	NA	Appurtenances (SW)	MH	1997	50	2025	44%	2021	$9,000	2047	NA	White Pine Subdivision
SAP-00020	NA	Appurtenances (SW)	MH	1997	50	2025	44%	2021	$9,000	2047	NA	White Pine Subdivision
SAP-00021	NA	Appurtenances (SW)	MH	1997	50	2025	44%	2021	$9,000	2047	NA	White Pine Subdivision
SAP-00022	NA	Appurtenances (SW)	MH	1997	50	2025	44%	2021	$9,000	2047	NA	White Pine Subdivision
SAP-00023	NA	Appurtenances (SW)	MH	1997	50	2025	44%	2021	$9,000	2047	NA	White Pine Subdivision
SAP-00024	NA	Appurtenances (SW)	MH	1997	50	2025	44%	2021	$9,000	2047	NA	White Pine Subdivision
SAP-00025	NA	Appurtenances (SW)	MH	1997	50	2025	44%	2021	$9,000	2047	NA	White Pine Subdivision

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
SAP-00026	NA	Appurtenances (SW)	MH	1997	50	2025	44%	2021	$9,000	2047	NA	White Pine Subdivision
SAP-00027	NA	Appurtenances (SW)	MH	1997	50	2025	44%	2021	$9,000	2047	NA	White Pine Subdivision
SAP-00028	NA	Appurtenances (SW)	MH	1997	50	2025	44%	2021	$9,000	2047	NA	White Pine Subdivision
SAP-00029	NA	Appurtenances (SW)	MH	1997	50	2025	44%	2021	$9,000	2047	NA	White Pine Subdivision
SAP-00030	NA	Appurtenances (SW)	HW	1997	50	2025	44%	2021	$5,000	2047	NA	White Pine Subdivision
SAP-00031	NA	Appurtenances (SW)	HW	1997	50	2025	44%	2021	$5,000	2047	NA	White Pine Subdivision
SAP-00032	NA	Appurtenances (SW)	HW	1997	50	2025	44%	2021	$5,000	2047	NA	White Pine Subdivision
SAP-00033	NA	Appurtenances (SW)	HW	1997	50	2025	44%	2021	$5,000	2047	NA	White Pine Subdivision

Appendix 15 – Facilities (Stormwater)

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
SFT-00001	NA	Facilities (SW)	Dry Ponds	2002	50	2025	54%	2021	$500,000	2052	NA	Lynch Lane
SFT-00002	NA	Facilities (SW)	Dry Ponds	2002	50	2025	54%	2021	$500,000	2052	NA	Dekker Street
SFT-00003	NA	Facilities (SW)	Dry Ponds	2008	50	2025	66%	2021	$500,000	2058	NA	Keenan Dr. (North)
SFT-00004	NA	Facilities (SW)	Dry Ponds	2008	50	2025	66%	2021	$500,000	2058	NA	Keenan Dr. (South)
SFT-00005	NA	Facilities (SW)	LID	2009	50	2025	68%	2021	$400,000	2059	NA	Harry Parker Place
SFT-00006	NA	Facilities (SW)	Wet Pond	2005	50	2025	60%	2021	$500,000	2055	NA	Dean Drive
SFT-00007	NA	Facilities (SW)	LID	2003	50	2025	56%	2021	$400,000	2053	NA	Rosewood Drive

Appendix 16 – Buildings

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
BLD-00001	NA	Buildings	Non-Core	2003	50	2025	56%	2024	$6,781,257	2053	NA	Municipal Centre
BLD-00002	NA	Buildings	Non-Core	2008	50	2025	66%	2024	$353,056	2058	NA	Tom Walsh Gazebo
BLD-00003	NA	Buildings	Non-Core	1963	50	2025	0%	2024	$1,997,780	2013	NA	North Yard Garage
BLD-00004	NA	Buildings	Non-Core	1963	50	2025	0%	2024	$783,612	2013	NA	North Yard Shed
BLD-00005	NA	Buildings	Non-Core	1998	50	2025	46%	2024	$2,893,336	2048	NA	North Yard Dome
BLD-00006	NA	Buildings	Non-Core	1966	50	2025	0%	2024	$4,124,726	2016	NA	Station 1 Garage
BLD-00007	NA	Buildings	Non-Core	1985	50	2025	20%	2024	$5,864,173	2035	NA	South Yard Garage
BLD-00008	NA	Buildings	Non-Core	1992	50	2025	34%	2024	$2,828,753	2042	NA	South Yard Dome
BLD-00009	NA	Buildings	Non-Core	1998	50	2025	46%	2024	$2,828,753	2048	NA	South Yard Shed
BLD-00010	NA	Buildings	Non-Core	1973	50	2025	0%	2024	$5,735,006	2023	NA	Station 2 Garage
BLD-00011	NA	Buildings	Non-Core	1998	50	2025	46%	2024	$568,334	2048	NA	Station 2 Shed
BLD-00012	NA	Buildings	Non-Core	2002	50	2025	54%	2024	$542,501	2052	NA	R. Houston Pavilion
BLD-00013	NA	Buildings	Non-Core	1997	50	2025	44%	2024	$12,917	2047	NA	R. Houston Outhouse
BLD-00014	NA	Buildings	Non-Core	1997	50	2025	44%	2024	$12,917	2047	NA	R. Houston Outhouse
BLD-00015	NA	Buildings	Non-Core	1997	50	2025	44%	2024	$51,667	2047	NA	R. Houston Shed
BLD-00016	NA	Buildings	Non-Core	1992	50	2025	34%	2024	$38,750	2042	NA	J. Irwin Shed

Appendix 17 - Playgrounds

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
PLY-00001	NA	Playgrounds	NA	2002	25	2024	8%	2024	49,500	2027	NA	Glencairn Park (East)
PLY-00002	NA	Playgrounds	NA	2012	25	2024	48%	2024	86,000	2037	NA	Glencairn Park (West)
PLY-00003	NA	Playgrounds	NA	2012	25	2024	48%	2024	67,500	2037	NA	Ross Houston Park
PLY-00004	NA	Playgrounds	NA	2017	25	2024	68%	2024	88,500	2042	NA	Lisle Memorial Park
PLY-00005	NA	Playgrounds	NA	2002	25	2024	8%	2024	114,000	2027	NA	Central Park
PLY-00006	NA	Playgrounds	NA	2010	25	2024	40%	2024	82,000	2035	NA	Pine Park
PLY-00007	NA	Playgrounds	NA	2010	25	2024	40%	2024	154,000	2035	NA	Dekker Street Park
PLY-00008	NA	Playgrounds	NA	2016	25	2024	64%	2024	200,500	2041	NA	Veterans Park
PLY-00009	NA	Playgrounds	NA	2004	25	2024	16%	2024	193,000	2029	NA	Rosemont Community
PLY-00010	NA	Playgrounds	NA	2017	25	2024	68%	2024	191,000	2042	NA	Warden's Park
PLY-00011	NA	Playgrounds	NA	2002	25	2024	8%	2024	74,500	2027	NA	Weca Park
PLY-00012	NA	Playgrounds	NA	2014	25	2024	56%	2024	271,500	2039	NA	Haley Park
PLY-00013	NA	Playgrounds	NA	2010	25	2024	40%	2024	49,500	2035	NA	Williams Park

Appendix 18 – Sports Fields

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
FLD-00001	NA	Sports Fields	Baseball	2006	30	2024	37%	2024	$100,000	2036	NA	Veterans Park (East)
FLD-00002	NA	Sports Fields	Baseball	1992	30	2024	0%	2024	$65,000	2022	NA	Veterans Park (West)
FLD-00003	NA	Sports Fields	Baseball	1992	30	2024	0%	2024	$5,000	2022	NA	Rosemont Community Park
FLD-00004	NA	Sports Fields	Baseball	1992	30	2024	0%	2024	$150,000	2022	NA	R. Houston Park
FLD-00005	NA	Sports Fields	Baseball	2003	30	2024	27%	2024	$50,000	2033	NA	Haley Park
FLD-00006	NA	Sports Fields	Soccer	1997	30	2024	7%	2024	$15,000	2027	NA	Lisle Memorial Park
FLD-00007	NA	Sports Fields	Soccer	2009	30	2024	47%	2024	$15,000	2039	NA	Warden’s Park (East)
FLD-00008	NA	Sports Fields	Soccer	2009	30	2024	47%	2024	$15,000	2039	NA	Wardens Park (Middle)
FLD-00009	NA	Sports Fields	Soccer	2009	30	2024	47%	2024	$15,000	2039	NA	Wardens Park (West)
FLD-00010	NA	Sports Fields	Soccer	1992	30	2024	0%	2024	$15,000	2022	NA	Haley Park (Senior)
FLD-00011	NA	Sports Fields	Soccer	2024	30	2024	97%	2024	$15,000	2054	NA	Haley Park (Junior)
FLD-00012	NA	Sports Fields	Basketball	2012	30	2024	57%	2024	$15,000	2042	NA	Glencairn Park (West)
FLD-00013	NA	Sports Fields	Basketball	1997	30	2024	7%	2024	$20,000	2027	NA	Lisle Memorial Park

Appendix 19 – Fire Trucks (Fire Department)

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
FIR-00001	P12	Fire Trucks	Pumper	2018	20	6	65%	2038	$1,300,000	2024	NA	Station 1 - Everett
FIR-00002	P22	Fire Trucks	Pumper	2006	20	18	5%	2026	$950,000	2024	NA	Station 2 - Loretto
FIR-00003	S11	Fire Trucks	Rescue	2009	20	15	20%	2029	$1,100,000	2024	NA	Station 1 - Everett
FIR-00004	S21	Fire Trucks	Rescue	2009	20	15	20%	2029	$1,100,000	2024	NA	Station 2 - Loretto
FIR-00005	T14	Fire Trucks	Tanker	2006	20	18	5%	2026	$750,000	2024	NA	Station 1 - Everett
FIR-00006	T24	Fire Trucks	Tanker	2024	20	1	95%	2044	$680,000	2024	NA	Station 2 - Loretto

Appendix 20 – Bunker Gear (Fire Department)

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
BNK-00001	NA	Bunker Gear	NA	2015	10	2025	0%	2025	$5,000	2025	NA	Station 1 - Everett
BNK-00002	NA	Bunker Gear	NA	2015	10	2025	0%	2025	$5,000	2025	NA	Station 1 - Everett
BNK-00003	NA	Bunker Gear	NA	2015	10	2025	0%	2025	$5,000	2025	NA	Station 1 - Everett
BNK-00004	NA	Bunker Gear	NA	2015	10	2025	0%	2025	$5,000	2025	NA	Station 2 - Loretto
BNK-00005	NA	Bunker Gear	NA	2015	10	2025	0%	2025	$5,000	2025	NA	Station 2 - Loretto
BNK-00006	NA	Bunker Gear	NA	2015	10	2025	0%	2025	$5,000	2025	NA	Station 2 - Loretto
BNK-00007	NA	Bunker Gear	NA	2016	10	2025	10%	2025	$5,000	2026	NA	Station 1 - Everett
BNK-00008	NA	Bunker Gear	NA	2016	10	2025	10%	2025	$5,000	2026	NA	Station 1 - Everett
BNK-00009	NA	Bunker Gear	NA	2016	10	2025	10%	2025	$5,000	2026	NA	Station 1 - Everett
BNK-00010	NA	Bunker Gear	NA	2016	10	2025	10%	2025	$5,000	2026	NA	Station 2 - Loretto
BNK-00011	NA	Bunker Gear	NA	2016	10	2025	10%	2025	$5,000	2026	NA	Station 2 - Loretto
BNK-00012	NA	Bunker Gear	NA	2016	10	2025	10%	2025	$5,000	2026	NA	Station 2 - Loretto
BNK-00013	NA	Bunker Gear	NA	2017	10	2025	20%	2025	$5,000	2027	NA	Station 1 - Everett
BNK-00014	NA	Bunker Gear	NA	2017	10	2025	20%	2025	$5,000	2027	NA	Station 1 - Everett
BNK-00015	NA	Bunker Gear	NA	2017	10	2025	20%	2025	$5,000	2027	NA	Station 1 - Everett
BNK-00016	NA	Bunker Gear	NA	2017	10	2025	20%	2025	$5,000	2027	NA	Station 2 - Loretto
BNK-00017	NA	Bunker Gear	NA	2017	10	2025	20%	2025	$5,000	2027	NA	Station 2 - Loretto
BNK-00018	NA	Bunker Gear	NA	2017	10	2025	20%	2025	$5,000	2027	NA	Station 2 - Loretto
BNK-00019	NA	Bunker Gear	NA	2018	10	2025	30%	2025	$5,000	2028	NA	Station 1 - Everett
BNK-00020	NA	Bunker Gear	NA	2018	10	2025	30%	2025	$5,000	2028	NA	Station 1 - Everett
BNK-00021	NA	Bunker Gear	NA	2018	10	2025	30%	2025	$5,000	2028	NA	Station 1 - Everett
BNK-00022	NA	Bunker Gear	NA	2018	10	2025	30%	2025	$5,000	2028	NA	Station 2 - Loretto
BNK-00023	NA	Bunker Gear	NA	2018	10	2025	30%	2025	$5,000	2028	NA	Station 2 - Loretto
BNK-00024	NA	Bunker Gear	NA	2018	10	2025	30%	2025	$5,000	2028	NA	Station 2 - Loretto
BNK-00025	NA	Bunker Gear	NA	2019	10	2025	40%	2025	$5,000	2029	NA	Station 1 - Everett

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
BNK-00026	NA	Bunker Gear	NA	2019	10	2025	40%	2025	$5,000	2029	NA	Station 1 - Everett
BNK-00027	NA	Bunker Gear	NA	2019	10	2025	40%	2025	$5,000	2029	NA	Station 1 - Everett
BNK-00028	NA	Bunker Gear	NA	2019	10	2025	40%	2025	$5,000	2029	NA	Station 2 - Loretto
BNK-00029	NA	Bunker Gear	NA	2019	10	2025	40%	2025	$5,000	2029	NA	Station 2 - Loretto
BNK-00030	NA	Bunker Gear	NA	2019	10	2025	40%	2025	$5,000	2029	NA	Station 2 - Loretto
BNK-00031	NA	Bunker Gear	NA	2020	10	2025	50%	2025	$5,000	2030	NA	Station 1 - Everett
BNK-00032	NA	Bunker Gear	NA	2020	10	2025	50%	2025	$5,000	2030	NA	Station 1 - Everett
BNK-00033	NA	Bunker Gear	NA	2020	10	2025	50%	2025	$5,000	2030	NA	Station 1 - Everett
BNK-00034	NA	Bunker Gear	NA	2020	10	2025	50%	2025	$5,000	2030	NA	Station 2 - Loretto
BNK-00035	NA	Bunker Gear	NA	2020	10	2025	50%	2025	$5,000	2030	NA	Station 2 - Loretto
BNK-00036	NA	Bunker Gear	NA	2020	10	2025	50%	2025	$5,000	2030	NA	Station 2 - Loretto
BNK-00037	NA	Bunker Gear	NA	2021	10	2025	60%	2025	$5,000	2031	NA	Station 1 - Everett
BNK-00038	NA	Bunker Gear	NA	2021	10	2025	60%	2025	$5,000	2031	NA	Station 1 - Everett
BNK-00039	NA	Bunker Gear	NA	2021	10	2025	60%	2025	$5,000	2031	NA	Station 1 - Everett
BNK-00040	NA	Bunker Gear	NA	2021	10	2025	60%	2025	$5,000	2031	NA	Station 2 - Loretto
BNK-00041	NA	Bunker Gear	NA	2021	10	2025	60%	2025	$5,000	2031	NA	Station 2 - Loretto
BNK-00042	NA	Bunker Gear	NA	2021	10	2025	60%	2025	$5,000	2031	NA	Station 2 - Loretto
BNK-00043	NA	Bunker Gear	NA	2022	10	2025	70%	2025	$5,000	2032	NA	Station 1 - Everett
BNK-00044	NA	Bunker Gear	NA	2022	10	2025	70%	2025	$5,000	2032	NA	Station 1 - Everett
BNK-00045	NA	Bunker Gear	NA	2022	10	2025	70%	2025	$5,000	2032	NA	Station 1 - Everett
BNK-00046	NA	Bunker Gear	NA	2022	10	2025	70%	2025	$5,000	2032	NA	Station 2 - Loretto
BNK-00047	NA	Bunker Gear	NA	2022	10	2025	70%	2025	$5,000	2032	NA	Station 2 - Loretto
BNK-00048	NA	Bunker Gear	NA	2022	10	2025	70%	2025	$5,000	2032	NA	Station 2 - Loretto
BNK-00049	NA	Bunker Gear	NA	2023	10	2025	80%	2025	$5,000	2033	NA	Station 1 - Everett
BNK-00050	NA	Bunker Gear	NA	2023	10	2025	80%	2025	$5,000	2033	NA	Station 1 - Everett
BNK-00051	NA	Bunker Gear	NA	2023	10	2025	80%	2025	$5,000	2033	NA	Station 1 - Everett

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
BNK-00052	NA	Bunker Gear	NA	2023	10	2025	80%	2025	$5,000	2033	NA	Station 2 - Loretto
BNK-00053	NA	Bunker Gear	NA	2023	10	2025	80%	2025	$5,000	2033	NA	Station 2 - Loretto
BNK-00054	NA	Bunker Gear	NA	2023	10	2025	80%	2025	$5,000	2033	NA	Station 2 - Loretto
BNK-00055	NA	Bunker Gear	NA	2024	10	2025	90%	2025	$5,000	2034	NA	Station 1 - Everett
BNK-00056	NA	Bunker Gear	NA	2024	10	2025	90%	2025	$5,000	2034	NA	Station 1 - Everett
BNK-00057	NA	Bunker Gear	NA	2024	10	2025	90%	2025	$5,000	2034	NA	Station 1 - Everett
BNK-00058	NA	Bunker Gear	NA	2024	10	2025	90%	2025	$5,000	2034	NA	Station 2 - Loretto
BNK-00059	NA	Bunker Gear	NA	2024	10	2025	90%	2025	$5,000	2034	NA	Station 2 - Loretto
BNK-00060	NA	Bunker Gear	NA	2024	10	2025	90%	2025	$5,000	2034	NA	Station 2 - Loretto

Appendix 21 – Vehicles (Fleet)

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
VEH-00001	BB1	Vehicles	SUBCOMPACT	2021	10	2025	60%	2024	$50,000	2031	NULL	
VEH-00002	BB2	Vehicles	SUBCOMPACT	2022	10	2025	70%	2024	$50,000	2032	NULL	
VEH-00003	BB3	Vehicles	SUBCOMPACT	2023	10	2025	80%	2024	$50,000	2033	NULL	
VEH-00004	BB4	Vehicles	SUBCOMPACT	2024	10	2025	90%	2024	$50,000	2034	NULL	
VEH-00005	P1	Vehicles	PICKUPS	2017	10	2025	20%	2024	$100,000	2027	NULL	
VEH-00006	P2	Vehicles	PICKUPS	2017	10	2025	20%	2024	$100,000	2027	NULL	
VEH-00007	P3	Vehicles	PICKUPS	2022	10	2025	70%	2024	$100,000	2032	NULL	
VEH-00008	P5	Vehicles	PICKUPS	2017	10	2025	20%	2024	$100,000	2027	NULL	
VEH-00009	P6	Vehicles	PICKUPS	2017	10	2025	20%	2024	$100,000	2027	NULL	
VEH-00010	P7	Vehicles	PICKUPS	2020	10	2025	50%	2024	$100,000	2030	NULL	
VEH-00011	P8	Vehicles	PICKUPS	2019	10	2025	40%	2024	$100,000	2029	NULL	
VEH-00012	D3	Vehicles	DUMPS	2017	10	2025	20%	2024	$100,000	2027	NULL	
VEH-00013	D4	Vehicles	DUMPS	2023	10	2025	80%	2024	$100,000	2033	NULL	
VEH-00014	T14	Vehicles	TANDEMS	2007	15	2025	0%	2024	$400,000	2022	NULL	
VEH-00015	T15	Vehicles	TANDEMS	2013	15	2025	20%	2024	$400,000	2028	NULL	
VEH-00016	T16	Vehicles	TANDEMS	2014	15	2025	26%	2024	$400,000	2029	NULL	
VEH-00017	T17	Vehicles	TANDEMS	2016	15	2025	40%	2024	$400,000	2031	NULL	
VEH-00018	T18	Vehicles	TANDEMS	2017	15	2025	46%	2024	$400,000	2032	NULL	
VEH-00019	T19	Vehicles	TANDEMS	2020	15	2025	66%	2024	$400,000	2035	NULL	
VEH-00020	T20	Vehicles	TANDEMS	2021	15	2025	73%	2024	$400,000	2036	NULL	
VEH-00021	T21	Vehicles	TANDEMS	2023	15	2025	86%	2024	$400,000	2038	NULL	
VEH-00022	T22	Vehicles	TANDEMS	2024	15	2025	93%	2024	$400,000	2039	NULL	
VEH-00023	Hot Box	Vehicles	TRAILERS	2000	15	2025	0%	2024	$100,000	2015	NULL	
VEH-00024	Culvert	Vehicles	TRAILERS	2024	15	2025	93%	2024	$100,000	2039	NULL	
VEH-00025	BRUSH 10	Vehicles	PICKUPS	2008	10	2025	0%	2024	$100,000	2018	NULL	

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
VEH-00026	CAR 1	Vehicles	PICKUPS	2018	10	2025	30%	2024	$100,000	2028	NULL	
VEH-00027	CAR 2	Vehicles	PICKUPS	2024	10	2025	90%	2024	$100,000	2034	NULL	
VEH-00028	RESCUE 16	Vehicles	PICKUPS	2022	10	2025	70%	2024	$100,000	2032	NULL	
VEH-00029	RESCUE 26	Vehicles	PICKUPS	2020	10	2025	50%	2024	$100,000	2030	NULL	
VEH-00030	NA	Vehicles	TRAILERS	2008	15	2025	0%	2024	$100,000	2023	NULL	
VEH-00031	Fire ATV	Vehicles	ATVS	2011	10	2025	0%	2024	$25,000	2021	NULL	

Appendix 22 – Machines (Fleet)

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
MCH-00001	Tractor	Machines	MACHINES	2006	10	2025	0%	2024	$250,000	2016	NULL	
MCH-00002	Backhoe	Machines	MACHINES	2022	10	2025	0%	2024	$250,000	2017	NULL	
MCH-00003	Loader	Machines	MACHINES	2022	10	2025	0%	2024	$250,000	2009	NULL	
MCH-00004	Backhoe	Machines	MACHINES	2000	10	2025	0%	2024	$250,000	2010	NULL	
MCH-00005	Grader	Machines	GRADERS	1996	10	2025	0%	2024	$250,000	2006	NULL	
MCH-00006	Grader	Machines	GRADERS	2023	10	2025	80%	2024	$250,000	2033	NULL	
MCH-00007	Loader	Machines	MACHINES	2010	10	2025	0%	2024	$250,000	2020	NULL	

Appendix 23 – Computers

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
CMP-00001	ADJTOS1	Computers	Laptops	2017	7	2025	0%	2024	$3,000	2024	NULL	
CMP-00002	ADJTOS6	Computers	Laptops	2017	7	2025	0%	2024	$3,000	2024	NULL	
CMP-00003	ADJTOS17	Computers	Laptops	2018	7	2025	0%	2024	$3,000	2025	NULL	
CMP-00004	ADJTOS18	Computers	Laptops	2018	7	2025	0%	2024	$3,000	2025	NULL	
CMP-00005	ADJTOS19	Computers	Laptops	2018	7	2025	0%	2024	$3,000	2025	NULL	
CMP-00006	ADJTOS20	Computers	Laptops	2018	7	2025	0%	2024	$3,000	2025	NULL	
CMP-00007	ADJTOS21	Computers	Laptops	2018	7	2025	0%	2024	$3,000	2025	NULL	
CMP-00008	ADJTOS23	Computers	Laptops	2018	7	2025	0%	2024	$3,000	2025	NULL	
CMP-00009	ADJTOS12	Computers	Desktops	2018	7	2025	0%	2024	$3,000	2025	NULL	
CMP-00010	ADJTOS13	Computers	Desktops	2018	7	2025	0%	2024	$3,000	2025	NULL	
CMP-00011	ADJTOS27	Computers	Laptops	2019	7	2025	14%	2024	$3,000	2026	NULL	
CMP-00012	ADJTOS28	Computers	Laptops	2019	7	2025	14%	2024	$3,000	2026	NULL	
CMP-00013	ADJTOS29	Computers	Laptops	2020	7	2025	28%	2024	$3,000	2027	NULL	
CMP-00014	ADJTOS30	Computers	Laptops	2020	7	2025	28%	2024	$3,000	2027	NULL	
CMP-00015	ADJTOS31	Computers	Laptops	2020	7	2025	28%	2024	$3,000	2027	NULL	
CMP-00016	ADJTOS33	Computers	Laptops	2020	7	2025	28%	2024	$3,000	2027	NULL	
CMP-00017	ADJTOS34	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00018	ADJTOS35	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00019	ADJTOS36	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00020	ADJTOS37	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00021	ADJTOS38	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00022	ADJTOS39	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00023	ADJTOS40	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00024	ADJTOS41	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00025	ADJTOS42	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
CMP-00026	ADJTOS43	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00027	ADJTOSFD1	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00032	ADJTOSFD2	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00033	ADJTOSFD3	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00034	ADJTOSFD4	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00035	ADJTOSFD5	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00036	ADJTOSFD6	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00037	ADJTOSFD7	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00038	ADJTOSFD8	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00039	ADJTOSFD9	Computers	Laptops	2021	7	2025	42%	2024	$3,000	2028	NULL	
CMP-00040	ADJTOS44	Computers	Laptops	2022	7	2025	57%	2024	$3,000	2029	NULL	
CMP-00041	ADJTOS45	Computers	Laptops	2022	7	2025	57%	2024	$3,000	2029	NULL	
CMP-00042	ADJTOS46	Computers	Laptops	2022	7	2025	57%	2024	$3,000	2029	NULL	
CMP-00043	ADJTOS47	Computers	Laptops	2022	7	2025	57%	2024	3,000	2029	NULL	
CMP-00044	ADJTOS48	Computers	Laptops	2022	7	2025	57%	2024	3,000	2029	NULL	
CMP-00045	ADJTOS49	Computers	Laptops	2022	7	2025	57%	2024	3,000	2029	NULL	
CMP-00046	ADJTOS50	Computers	Laptops	2022	7	2025	57%	2024	3,000	2029	NULL	
CMP-00047	ADJTOS51	Computers	Laptops	2022	7	2025	57%	2024	3,000	2029	NULL	
CMP-00048	ADJTOS52	Computers	Laptops	2022	7	2025	57%	2024	3,000	2029	NULL	
CMP-00049	ADJTOS53	Computers	Laptops	2022	7	2025	57%	2024	3,000	2029	NULL	
CMP-00050	ADJTOS54	Computers	Laptops	2022	7	2025	57%	2024	3,000	2029	NULL	
CMP-00051	ADJTOS55	Computers	Laptops	2022	7	2025	57%	2024	3,000	2029	NULL	
CMP-00052	ADJTOS56	Computers	Laptops	2022	7	2025	57%	2024	$3,000	2029	NULL	
CMP-00053	ADJTOS57	Computers	Laptops	2022	7	2025	57%	2024	$3,000	2029	NULL	
CMP-00054	ADJTOS63	Computers	Laptops	2022	7	2025	57%	2024	$3,000	2029	NULL	
CMP-00055	ADJTOSC58	Computers	Laptops	2022	7	2025	57%	2024	$3,000	2029	NULL	

Asset AID	Asset DID	Asset Type	Asset Subtype	Asset Past	Asset Span	Condition Past	Condition Rating	Replacement Past	Replacement Cost	Replacement Future	Replacement Urgency	Description/ Notes
CMP-00056	ADJTOSC59	Computers	Laptops	2022	7	2025	57%	2024	$3,000	2029	NULL	
CMP-00057	ADJTOSC60	Computers	Laptops	2022	7	2025	57%	2024	$3,000	2029	NULL	
CMP-00058	ADJTOSC61	Computers	Laptops	2022	7	2025	57%	2024	$3,000	2029	NULL	
CMP-00059	ADJTOSC62	Computers	Laptops	2022	7	2025	57%	2024	$3,000	2029	NULL	
CMP-00060	ADJTOS64	Computers	Laptops	2023	7	2025	71%	2024	$3,000	2030	NULL	
CMP-00061	ADJTOS65	Computers	Laptops	2023	7	2025	71%	2024	$3,000	2030	NULL	
CMP-00062	ADJTOS66	Computers	Laptops	2023	7	2025	71%	2024	$3,000	2030	NULL	
CMP-00063	ADJTOS67	Computers	Desktops	2023	7	2025	71%	2024	$3,000	2030	NULL	
CMP-00064	ADJTOS68	Computers	Desktops	2023	7	2025	71%	2024	$3,000	2030	NULL	