

2019 OFF-SITE LEVY ANNUAL REPORT

AS DEFINED IN OFF-SITE LEVY BYLAW NO. 2015-07

FOR THE YEAR ENDED DECEMBER 31, 2019

One Parkland: Powerfully Connected.

April 2020





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2 INTRODUCTION

2.1 Introduction

Parkland County enacted Bylaw 2015-07 on April 28, 2015 ("Off-Site Levy Bylaw"). The Bylaw defines offsite levy charges pertaining to water, sanitary, transportation, and stormwater offsite infrastructure for the Big Lake, Acheson and Fifth Meridian Area Structure Plan areas of the County.

The Off-Site Levy Bylaw stipulates that on or before April 30th of each year, an annual Off-Site Levy Report is to be provided to Council regarding off-site levies imposed and collected by the County in the previous year and the off-site levy rates to be imposed in the current year. The County wishes to update the offsite infrastructure included in the Bylaw in alignment with the County's latest capital/master plans, and ensuring updated costs and development forecasts are reflected fairly and equitably in new rates, thereby ensuring a financially sustainable community. This report outlines the methodology and information used in establishing offsite levy rates for the County, as well as other key findings and recommendations.

2.2 Methodology

Parkland County has various infrastructure capital/master plans, and these plans have been used by County staff as a start point for developing key information for this offsite levy rate review. County staff reviewed existing plans and identified offsite projects for water, sanitary, transportation, and stormwater infrastructure. The County's assessment also included determination of benefits to existing development, future development, and benefiting areas.

During this review, offsite levy information and rates were updated to December 31st, 2019, the most current completed year-end. Information pertaining to 2019 and prior is treated as an "actual". Information pertaining to 2020 and beyond is treated as an "estimate". When the next update is completed in 2021, 2020 information will be converted from "estimates" to "actuals".

Offsite levy rates are not intended to stay static; they are based upon assumptions and the best available data of the day. Planning assumptions, cost estimates, infrastructure staging etc. can change each year. Accordingly, the *Municipal Government Act* requires that offsite levy rates be updated with the most available information on a regular basis. Should information change, it will be reflected in a future update, and rates adjusted accordingly.

The County utilizes the CORVUS offsite levy model to manage rates. This model is in use in dozens of Alberta municipalities. The model utilizes a "full cost" methodology where by the infrastructure costs, inflation, construction staging, development staging, financing costs, and reserve interest earning and charging impacts are all used to determine rates that allocate all costs to developers on an equitable basis, based on degree of benefit. With the CORVUS model in place, the County is in a position to quickly and efficiently update offsite levy rates each year upon completion of year-end finance activities.

2.3 Definitions

Parkland County defines offsite levy infrastructure as follows:

2.3.1 Road Offsite Infrastructure

Parkland County maintains a roadway classification system consistent with the definition of arterial, collector, and local roads as outlined within Parkland County's Engineering Design Standards, which are consistent with the Transportation Association of Canada's Manual of Geometric Design Standards for



Canadian Roads. Local roads within new development areas are constructed by developers, at 100% their cost. These roadways provide direct access to the business locations.

Arterial and Collector roadways are typically designed and constructed to accommodate through traffic, with controlled intersection spacing and are considered a benefit to the County at large. Therefore, new developments should contribute their proportionate share of the cost of these arterial and collector roads. Costs associated with development of any of the arterial and collector roads within Parkland County will also include overland drainage directly associated with roadway drainage (ditches) as well as any transit, sidewalk, street and traffic control light infrastructure.

2.3.2 Water Offsite Infrastructure

Parkland County's water supply is purchased from EPCOR through the Capital Region Parkland Water Services Commission (CRPWSC). The treated water is distributed by Parkland County to its customers through its waterworks system consisting of water storage reservoirs and pumping facilities, primary supply mains from the regional line and distribution mains. Parkland County's philosophy regarding its waterworks system improvements is that all distribution mains which serve more than the local development by looping identified in the Acheson Big Lake Water Servicing Study, treated water storage reservoirs, pumping facilities, pressure reducing valves, and water quality monitoring stations will provide benefit to the entire water distribution system and thus the cost of such facilities is then assessed proportionately against all benefiting lands through a Water Offsite Levy Charge. The County will commit to front-ending infrastructure as funds are available and will pursue the design and construction of large scale water infrastructure projects such as water reservoirs and pumphouses. Any infrastructure expenditures by the County will be incurred with expectations of full cost recovery. Capital improvements to the regional water supply system are the responsibility of the CRPWSC of which Parkland County is a member. The costs of such improvements are assessed proportionately against Parkland County through the Commission's water utility rate structure and hence these costs are not included in the Parkland County's Water Offsite Levy Charge.

2.3.3 Sanitary Offsite Infrastructure

The sanitary sewerage collection system in Parkland County is comprised of a series of underground local, collector and trunk mains intercepting wastewater from the various individual contributors and conveying this wastewater to a point(s) of discharge for treatment and ultimate disposal. The point(s) of discharge for Parkland County sanitary sewer is the Alberta Capital Region Wastewater Commission (ACRWC) Transmission Line, which conveys the wastewater to the Region Wastewater Treatment Plant, located south east of the City of Fort Saskatchewan. The ACRWC treats the sewage to the required standards and the effluent discharges to the North Saskatchewan River. Capital improvements to the Regional Treatment Plant and Transmission Line are the responsibility of the ACRWC of which Parkland County is a member. The costs of such capital improvements are assessed proportionately against Parkland County through the Commission's sewage utility rate structure and hence are not included in the Parkland County's Sanitary Sewer Offsite Levy calculations. Should ACRWC, at a future date, implement a charge for infrastructure for developing areas, Parkland County will adjust the levy charges accordingly.

Parkland County's existing sanitary sewer systems have generally been developed as gravity systems. With the exception of a few localized low areas identified in the Acheson and Big Lake Area Sanitary Servicing Update 2016, which may require a sewage lift station servicing one or more benefitting areas, the majority of Parkland County's sanitary sewer systems can continue to be developed as gravity systems. Sanitary sewer systems typically have a hierarchical classification based primarily upon the size of diameter of pipe and the area they serve. In the case of the sanitary sewer system in Parkland County, developments are 100% responsible for the costs of all local and collector sanitary mains serving the



development. Collector mains and lift stations with forcemains serving more than one benefitting area as well as all trunks, as identified in the Acheson and Big Lake Area Sanitary Servicing Update 2016, benefit the entire wastewater distribution basin they collect from and thus the cost of such facilities is then assessed proportionately against all benefiting lands through a Sewer Offsite Levy Charge.

2.3.4 Storm Offsite Infrastructure

Parkland County's storm infrastructure is generally categorized as either overland drainage or underground storm infrastructure. Overland drainage includes drainage ditches, storm water management facilities (SWMFs), flow control infrastructure such as berms and weirs, road ditches, and culverts. Road ditches and culverts are included in the road offsite infrastructure. SWMFs, flow control infrastructure and local overland drainage ditches are considered local and the developments are 100% responsible for the costs.

The underground Acheson storm system servicing Zones 4, 5, 6, 7 & 8 with a large diameter outfall trunk and associated collector mains carrying the stormwater from these zones to a constructed wetland in Lois Hole Provincial Park at Big Lake. The storm outfall and collector trunks benefits the entire storm basin of Zones 4, 5, 6, 7 & 8 thus the cost of the trunk and construction is then assessed proportionately against all benefitting lands through a Storm Offsite Levy Charge.

3 KEY FINDINGS

Key findings pertaining to the establishment of County offsite levy rates for this review are as follows:

3.1 Offsite Infrastructure Costs

Offsite infrastructure costs to be included in the offsite levy bylaw total approximately **\$440.67 million**. An overview of offsite infrastructure costs and maps is provided in Appendices B1 (Water), C1 (Sanitary), D1 (Transportation), and E1 (Stormwater).

Before determining how the infrastructure costs will be allocated to parties that benefit (e.g., existing/residual development, new development, other municipalities etc.), financing provided by way of special ear-marked grants and other contributions are deducted from offsite infrastructure costs. For this review, the County has identified approximately **\$15.08 million** in grants and contributions. An overview of grants and contributions and resulting net costs is provided in Appendices B2, C2, D2, and E2.

The share of costs which benefits existing/residual development (the County's share) is **\$0.09 million**; and, the share of costs which benefits other stakeholders (e.g., neighbouring municipalities) is **\$0.00**.

The share of costs which benefits future development to ultimate build-out totals approximately **\$425.49 million** and is based on the allocations shown in Appendices B4, C4, D4, and E4. However, **\$175.95 million** of the cost which benefits future development is beyond the 25-year review period (called "financial oversizing"). Financial oversizing is determined based on the anticipated year of construction (construction staging) which is provided in Appendices B3, C3, D3, and E3.

Of the **\$425.49 million** in total offsite infrastructure costs which benefits future development, the portion that is within the 25-year review period and included in rates today (the offsite levy share) is approximately **\$249.54 million**, as shown in the table below. A complete summary of offsite infrastructure net cost "flow-thru" is provided in Appendices B6, C6, D6, and E6.



Summary of Infrastructure Costs & Allocations

| Infrastructure | ecial Grants Contributions | uni Share of Costs | Other akeholders' are of Costs | В | eveloper Cost eyond 25 Yrs (Financial Oversizing) | Developer Costs (In Rates) | Total Costs |
|----------------|-------------------------------|-----------------------|--------------------------------------|----|--|----------------------------------|-------------------|
| Transportation | \$ 7,953,986 | \$ - | \$ - | \$ | 73,626,155 | \$ 118,075,223 | \$ 199,655,365 |
| Water | \$ 2,893,178 | \$ 21,527 | \$ - | \$ | 69,751,588 | \$ 64,510,350 | \$ 137,176,643 |
| Sanitary | \$ 2,952,690 | \$ 68,822 | \$ - | \$ | 27,999,899 | \$ 28,343,833 | \$ 59,365,243 |
| Stormwater | \$ 1,280,311 | \$ - | \$ - | \$ | 4,582,236 | \$ 38,605,630 | \$ 44,468,178 |
| Total | \$ 15,080,165 | \$ 90,349 | \$ - | \$ | 175,959,879 | \$ 249,535,036 | \$ 440,665,429 |

3.2 Offsite Levy Collections

Before allocating infrastructure costs to benefitting lands, offsite levy costs must be reduced by the total levies collected to date. Up to December 31, 2019, the County has collected **\$28.04 million** as summarized in the table below. Details associated with levy collections are shown in Appendices B5, C5, D5, and E5.

Summary of Levies Collected to Date

| Levies Collected To Date | | | | | | | |
|--------------------------|----|------------|--|--|--|--|--|
| Transportation | \$ | 15,118,240 | | | | | |
| Water | \$ | 2,835,016 | | | | | |
| Sanitary | \$ | 1,307,039 | | | | | |
| Stormwater | \$ | 8,786,508 | | | | | |
| Total | \$ | 28,046,803 | | | | | |

3.3 Offsite Levy Areas and Forecast Development

To facilitate the allocation of infrastructure costs to those lands that benefit from the infrastructure, the County is parsed into **123** offsite levy areas. The area boundaries, numbering schema, and area measurements are described in Appendix A along with Offsite Benefitting Areas Maps. An overview of offsite infrastructure allocations to each benefitting area is provided in Appendices B7, C7, D7, and E7.

To calculate offsite levy rates, it is necessary to forecast the amount of land that will develop during the next 25-year review period. Land development forms the denominator of the rate calculation. A larger denominator reduces rates but could potentially result in under-collection thereby placing an increased burden on tax payers. A smaller denominator increases rates but could potentially result in over-collection thereby placing an increased burden on future development. Accordingly, land development forecasts need to be: (a) reasonable and reflect current planning assumptions including the current pace of development in the community, and (b) updated regularly.

For this review, the County is forecasting development of approximately **1,960 hectares** over the 25-year review period. The land development forecast is shown in Appendix A2.

3. 4 Offsite Levy Reserves

The County is currently managing offsite levy receipts and withdrawals via four reserves/accounts (i.e., one reserve/account for each infrastructure type), and this is in alignment with Municipal Government Act (MGA) requirements. The reason the MGA stipulates the requirement for separate accounts is because offsite levies can only be used for the type of infrastructure for which they were collected (e.g., water levies can only be used to construct water offsite infrastructure, not sanitary infrastructure etc.). Offsite levy reserves/accounts (both actual and forecast) are impacted by interest. Actual reserve inflows and forecast reserve balances that are in a positive/surplus position earn interest (as required by the



MGA). Actual reserve outflows and forecast reserve balances that are in a negative/deficit position are charged interest (forecast balances that are negative indicate the requirement for front-ending).

At end 2019, the water deferred revenue account (unspent offsite levy plus interest) reflected a balance of approximately **\$3.20 million**.

At end 2019, the sanitary deferred revenue account (unspent offsite levy plus interest) reflected a balance of approximately **\$0.87 million**.

At end 2019, the transportation deferred revenue account (unspent offsite levy plus interest) reflected a balance of approximately **\$15.13 million.**

At end 2019, the stormwater deferred revenue account (unspent offsite levy plus interest) reflected a balance of approximately **\$3.71 million**.

3.5 Tracking and Responsibility of Front-ending

Because front-ending balances represent debts owed to front-ending parties (including the County), they need to be tracked separately and properly documented. This documentation ensures debts will be repaid as future development occurs and offsite levies are collected. Parkland County (Finance department) utilizes deferred revenue accounts to manage offsite levy account balances. The Finance department tracks offsite levy receipts and accrues monthly interest on offsite levies collected.

Finance and Engineering track levy-funded project expenditures. In addition to tracking project expenditures, Finance also tracks the financing sources for the project expenditures to determine the front-ending parties and the front-ending balances. Developers may also construct infrastructure and provide the County with a finished or "contributed" asset, when this occurs, Finance and Planning track the front-ending amounts once project completion certificates are received from developers. Interest are accrued at the end of the year on front-ending balances.

As part of the Offsite Levy update process, Finance is responsible for updating the offsite levy balance which captures; offsite levies collected and associated accrued interest, offsite levy project expenditures, and interest accrued on front-ending balances based on information received from other departments. Based on the amount available in the offsite levy deferred revenue account, the Offsite Levy Committee makes a recommendation on payments of front-ending balances.



4 RATES

For future development to pay for its share of the **\$440.67 million** offsite infrastructure costs contained in the County's capital/master plans, rates are approximately **\$107,495** per net hectare on a weighted average basis, as shown in the tables below.

Since the last update, rates have increased from an average of \$92,448 per net hectare to \$107,495 per net hectare, a 14% increase over the previous year. The primary reason that drove the rate increase is due to adjustments to transportation projects cost estimates which increased from \$148.82 million to \$169.30 million based on updated cost estimates provided in the Spruce Valley Road & Acheson Road conceptual design reports completed in June 2019.

Offsite Levy Rates: Highs, Lows, and Weighted Averages

| | Tra | ansportation Charges | W | ater Charges | Sanitary Charges | Sto | orm Charges |
|------------------|-----|-------------------------|----|--------------|---------------------|-----|-------------|
| High | \$ | 176,029 | \$ | 65,514 | \$ 86,306 | \$ | 104,664 |
| Low | \$ | 3,011 | \$ | 9,127 | \$ • | \$ | - |
| Weighted Average | \$ | 50,508 | \$ | 28,755 | \$ 13,375 | \$ | 14,857 |

^{*}Highs, Lows, and Averages are shown for information purposes only. Developers pay the actual rate applicable to their specific development area and development type.

Summary of Offsite Levies by Benefitting Area

| Area# | Transportation Levies | Water Levies | Sanitary Levies | Stormwater Levies | Total |
|-------|-----------------------|-----------------|--------------------|----------------------|-----------|
| 101.0 | \$76,784 | \$20,318 | \$547 | \$103 | \$97,751 |
| 102.0 | \$76,784 | \$20,318 | \$547 | \$103 | \$97,751 |
| 103.0 | \$76,784 | \$20,318 | \$82,690 | \$103 | \$179,895 |
| 103.1 | \$76,784 | \$20,318 | \$86,306 | \$103 | \$183,510 |
| 104.0 | \$76,784 | \$20,318 | \$82,690 | \$103 | \$179,895 |
| 104.1 | \$76,784 | \$20,318 | \$82,690 | \$103 | \$179,895 |
| 105.0 | \$76,784 | \$20,318 | \$36,592 | \$103 | \$133,796 |
| 105.1 | \$76,784 | \$26,716 | \$86,306 | \$103 | \$189,908 |
| 106.0 | \$76,784 | \$20,318 | \$36,592 | \$103 | \$133,796 |
| 107.0 | \$76,784 | \$20,319 | \$85 | \$103 | \$97,291 |
| 108.0 | \$76,784 | \$20,319 | \$1,326 | \$103 | \$98,531 |
| 109.0 | \$76,784 | \$20,319 | \$85 | \$103 | \$97,291 |
| 110.0 | \$76,784 | \$20,318 | \$36,592 | \$103 | \$133,796 |
| 111.0 | \$76,784 | \$20,318 | \$36,592 | \$103 | \$133,796 |
| 111.1 | \$76,784 | \$26,716 | \$4,162 | \$103 | \$107,765 |
| 201.0 | \$35,966 | \$18,293 | \$82,690 | \$103 | \$137,051 |
| 201.1 | \$35,966 | \$24,691 | \$86,306 | \$103 | \$147,065 |
| 202.0 | \$35,966 | \$18,293 | \$85 | \$103 | \$54,446 |
| 203.0 | \$35,966 | \$18,293 | \$85 | \$103 | \$54,446 |
| 204.0 | \$35,966 | \$18,294 | \$10,423 | \$103 | \$64,785 |
| 205.0 | \$35,966 | \$18,294 | \$8,137 | \$103 | \$62,499 |
| 206.0 | \$35,966 | \$18,293 | \$6,541 | \$103 | \$60,902 |
| 207.0 | \$35,966 | \$18,293 | \$85 | \$103 | \$54,446 |
| 208.0 | \$35,966 | \$18,293 | \$82,690 | \$103 | \$137,051 |



| 208.1 | \$35,966 | \$24,691 | \$86,306 | \$103 | \$147,065 |
|----------------|----------------------|----------------------|--|----------------|----------------------|
| 301.0 | \$176,029 | \$18,940 | \$125 | \$103 | \$195,196 |
| 302.0 | \$176,029 | \$18,940 | \$125 | \$103 | \$195,196 |
| 302.0 | \$176,029 | \$18,940 | \$3,620 | \$103 | \$198,692 |
| 303.0 | \$176,029 | \$18,940 | \$125 | \$103 | \$195,196 |
| 304.0 | \$176,029 | \$18,940 | \$41,741 | \$103 | \$236,813 |
| 301.0 | <u> </u> | <u> </u> | . , | . | , , |
| 401.0 | \$41,453 | \$17,415 | \$48,018 | \$16,899 | \$123,785 |
| 401.1 | \$41,453 | \$17,415 | \$51,053 | \$16,899 | \$126,820 |
| 402.0 | \$41,453 | \$17,415 | \$5,901 | \$103 | \$64,871 |
| 403.0 | \$41,453 | \$17,416 | \$21,826 | \$103 | \$80,798 |
| 404.0 | \$41,453 | \$17,416 | \$21,826 | \$103 | \$80,798 |
| 405.0 | \$41,453 | \$17,416 | \$22,677 | \$103 \$103 | \$81,648 |
| 406.0 407.0 | \$41,453 \$41,453 | \$17,416 \$17,415 | \$22,677 \$5,901 | \$28,728 | \$81,648 \$93,497 |
| 407.0 | \$41,453 | \$17,415 | \$48,018 | \$16,899 | \$123,785 |
| 408.1 | \$41,453 | \$17,415 | \$51,053 | \$16,899 | \$126,820 |
| | · | · | <u>, </u> | • | |
| 501.0 | \$79,331 | \$30,797 | \$21,714 | \$51,094 | \$182,936 |
| 502.0 | \$79,331 | \$30,796 | \$1,510 | \$51,094 | \$162,731 |
| 502.1 | \$79,331 | \$30,796 | \$4,545 | \$51,094 | \$165,766 |
| 503.0 | \$79,331 | \$30,796 | \$1,064 | \$35,991 | \$147,182 |
| 503.1 | \$79,331 | \$30,796 | \$4,099 | \$35,991 | \$150,216 |
| 504.0 | \$79,331 | \$30,796 | \$8,222 | \$29,990 | \$148,339 |
| 504.1 | \$79,331 | \$30,796 | \$11,256 | \$29,990 | \$151,373 |
| 505.0 | \$79,331 | \$30,796 | \$603 | \$27,831 | \$138,561 |
| 506.0 | \$79,331 | \$30,796 | \$11,032 | \$33,952 | \$155,110 |
| 507.0 | \$79,331 | \$30,796 | \$603 | \$51,094 | \$161,824 |
| 508.0 | \$79,331 | \$30,797 | \$603 | \$51,094 | \$161,825 |
| Г | | | | | 1 110 |
| 601.0 | \$32,017 | \$35,345 | \$18,502 | \$19,857 | \$105,722 |
| 602.0 | \$32,017 | \$35,345 | \$18,502 | \$28,641 | \$114,506 |
| 603.0 | \$32,017 | \$35,345 | \$8,667 | \$67,389 | \$143,419 |
| 604.0 | \$32,017 | \$35,345 | \$8,667 | \$104,664 | \$180,694 |
| 605.0 | \$32,017 | \$35,345 | \$356 | \$104,664 | \$172,383 |
| 606.0 | \$32,017 | \$35,345 | \$356 | \$104,664 | \$172,383 |
| 607.0 | \$32,017 | \$35,345 | \$356 | \$103 | \$67,822 |
| 608.0 | \$32,017 | \$35,345 | \$38,492 | \$19,857 | \$125,711 |
| | | | | | |
| 701.0 | \$100,645 | \$23,527 | \$13,611 | \$47,078 | \$184,860 |
| 702.0 | \$100,645 | \$23,527 | \$13,611 | \$47,078 | \$184,860 |
| 703.0 | \$100,645 | \$23,527 | \$11,032 | \$45,770 | \$180,973 |
| 704.0 | \$100,645 | \$23,527 | \$603 | \$45,770 | \$170,545 |
| 705.0 | \$100,645 | \$23,527 | \$14,158 | \$37,052 | \$175,382 |
| 706.0 | \$100,645 | \$23,527 | \$14,158 | \$46,765 | \$185,095 |
| 707.0 | \$100,645 | \$23,527 | \$16,052 | \$46,765 | \$186,989 |
| 707.0 | \$100,645 | \$23,527 | \$16,052 | \$47,078 | \$187,302 |
| 700.0 | Ţ 100/0 IS | 723,327 | 7.0,032 | 7 ,0 , 0 | Ţ.0.750Z |



| 801.0 | \$53,190 | \$41,528 | \$39,221 | \$29,601 | \$163,539 |
|------------------|----------------------|----------------------|-----------------|----------------|-----------------------|
| 802.0 | \$53,190 | \$41,528 | \$1,085 | \$32,262 | \$128,064 |
| 803.0 | \$53,190 | \$41,528 | \$1,085 | \$104,664 | \$200,466 |
| 804.0 | \$53,190 | \$41,528 | \$1,085 | \$104,664 | \$200,466 |
| 805.0 | \$53,190 | \$41,528 | \$1,085 | \$104,664 | \$200,466 |
| 806.0 | \$53,190 | \$41,528 | \$1,085 | \$104,664 | \$200,466 |
| - | \$53,190 | \$41,528 | \$1,085 | \$44,091 | \$139,893 |
| 807.0 | \$53,190 | \$41,528 | \$1,085 | \$44,091 | \$139,893 |
| 808.0 | \$33,190 | 341,320 | \$1,065 | 344,091 | \$139,093 |
| | \$27,979 | \$60,116 | \$85 | \$103 | \$88,283 |
| 901.0 | | | | | |
| 902.0 | \$27,979 | \$60,116 | \$85 | \$103 | \$88,283 |
| 903.0 | \$27,979 | \$60,116 | \$85 | \$103 | \$88,283 |
| 904.0 | \$27,979 | \$60,116 | \$85 | \$103 | \$88,283 |
| <u> </u> | | • | • | | 1 |
| 1001.0 | \$15,931 | \$33,009 | \$85 | \$103 | \$49,127 |
| 1002.0 | \$15,931 | \$33,009 | \$85 | \$103 | \$49,127 |
| 1003.0 | \$15,931 | \$33,009 | \$85 | \$103 | \$49,127 |
| 1004.0 | \$15,931 | \$33,009 | \$85 | \$103 | \$49,127 |
| 1005.0 | \$15,931 \$15,931 | \$33,009 \$33,009 | \$85 \$8,603 | \$103 \$103 | \$49,127 \$57,645 |
| 1006.0 1007.0 | \$15,931 | \$33,009 | \$8,603 | \$103 | \$57,645 |
| 1007.0 | \$15,551 | \$33,007 | \$0,005 | \$105 | \$37,043 |
| 1101.0 | \$3,011 | \$9,128 | \$2,081 | \$103 | \$14,323 |
| 1102.0 | \$3,011 | \$9,127 | \$2,081 | \$103 | \$14,322 |
| 1103.0 | \$37,170 | \$9,128 | \$914 | \$103 | \$47,315 |
| 1104.0 | \$37,170 | \$9,128 | \$914 | \$103 | \$47,315 |
| 1105.0 | \$37,170 | \$9,128 | \$914 | \$103 | \$47,315 |
| 1106.0 | \$37,170 | \$9,128 | \$914 | \$103 | \$47,315 |
| 1107.0 | \$37,170 | \$9,128 | \$914 | \$103 | \$47,315 |
| 1108.0 | \$37,170 | \$9,128 | \$914 | \$103 | \$47,315 |
| 1109.0 | \$37,170 | \$9,128 | \$1,326 | \$103 | \$47,727 |
| 1110.0 | \$37,170 | \$9,128 | \$1,326 | \$103 | \$47,727 |
| 1111.0 | \$37,170 | \$9,128 | \$914 | \$103 | \$47,315 |
| 1112.0 | \$37,170 | \$10,675 | \$85 | \$103 | \$48,033 |
| 1113.0 | \$37,170 | \$10,675 | \$85 | \$103 | \$48,033 |
| 1201.0 | \$69,782 | \$35,259 | \$- | \$- | \$105,041 |
| 1201.0 | \$69,782 | \$65,514 | \$23,987 | \$- | \$159,283 |
| 1202.0 | \$69,782 | \$45,740 | \$5,760 | \$- | \$121,282 |
| 1203.0 | \$69,782 | \$35,259 | \$5,700 | \$- | \$105,041 |
| 1204.0 | \$69,782 | \$35,259 | \$- \$- | \$- | \$105,041 |
| 1205.0 | ₹ 07,702 | \$33,239 | پ - | ఫ - | \$103,041 |
| 1201.0 | \$80,048 | \$65,514 | \$23,987 | \$- | \$169,549 |
| 1301.0 | \$80,048 | \$65,514 | \$23,987 | \$- | \$169,549 |
| 1302.0 | \$80,048 | \$35,259 | \$- | \$- | \$115,307 |
| 1303.0 | \$80,048 | \$45,740 | \$5,760 | \$- \$- | \$113,507 |
| 1304.0 | 30U,U48 | \$45,/40 | \$5,/60 | Ş- | ۶۱۵۱,۵ 4 8 |



| 1401.0 | \$80,048 | \$65,514 | \$23,987 | \$- | \$169,549 |
|--------|----------|----------|----------|----------|-----------|
| 1402.0 | \$80,048 | \$35,259 | \$- | \$- | \$115,307 |
| 1403.0 | \$80,048 | \$35,259 | \$- | \$- | \$115,307 |
| 1404.0 | \$80,048 | \$35,259 | \$- | \$- | \$115,307 |
| 1405.0 | \$80,048 | \$35,259 | \$- | \$- | \$115,307 |
| | | | | | |
| 1501.0 | \$24,045 | \$10,675 | \$24,820 | \$103 | \$59,643 |
| 1502.0 | \$24,045 | \$10,675 | \$24,820 | \$103 | \$59,643 |
| | | | | | |
| 1600.1 | \$15,931 | \$33,009 | \$8,827 | \$103 | \$57,869 |
| 1600.2 | \$15,931 | \$33,009 | \$17,345 | \$103 | \$66,387 |
| 1600.3 | \$35,966 | \$18,293 | \$8,827 | \$103 | \$63,188 |
| 1600.4 | \$35,966 | \$18,293 | \$8,827 | \$103 | \$63,188 |
| 1600.5 | \$35,966 | \$18,293 | \$8,827 | \$103 | \$63,188 |
| 1600.6 | \$35,966 | \$18,294 | \$8,827 | \$103 | \$63,189 |
| 1600.7 | \$41,453 | \$17,415 | \$8,827 | \$103 | \$67,797 |
| 1600.8 | \$41,453 | \$17,415 | \$56,760 | \$16,899 | \$132,527 |

^{*} The levy amounts represent the rate per hectare.



APPENDIX A: OFFSITE LEVY AREAS AND STAGING

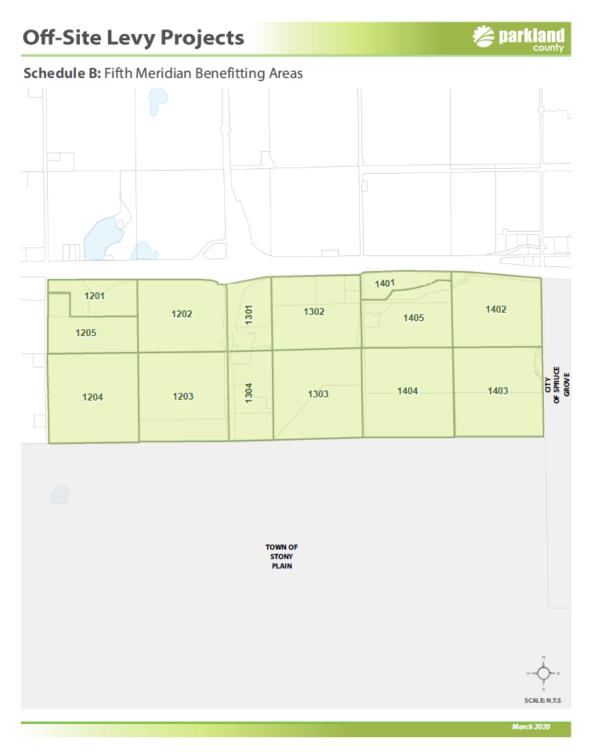
A1. Offsite Levy Areas

The County is parsed into 123 offsite levy areas, as shown in the maps below. The offsite levy areas take into consideration existing/planned infrastructure basins (i.e., transportation, water, sanitary, and stormwater basins) as well as natural and man-made barriers (e.g., rivers, highways, railways, etc.). All offsite levy infrastructure costs are allocated to one or more areas.

Offsite Levy Areas







Total net development area, the amount of land available for development across all offsite levy areas, is approximately **4023 net hectares.** In calculating net development area, only those lands remaining to be developed that have not previously paid offsite levies have been considered (as required by legislation/regulation). Further, allowances have been made to net development area calculations for environmental reserves, municipal reserves, and road right of way (highway/arterial/collector).



Offsite Levy Net Development Area

| Area Ref. # | Development Area Location | Land Use | Gross Area (ha.) | Environmental Reserves (ha.) | Sub-total | Municipal Reserves | Arterial Right of Way | Net Development Area (ha.) |
|-------------|---|-------------------------|------------------|---------------------------------|-----------|-----------------------|--------------------------|----------------------------------|
| 101.0 | Acheson Zone 1 (W1/2 of 8-53-26) | Commercial / Industrial | 16.08 | - | 16.08 | - | | 16.08 |
| 102.0 | Acheson Zone 1 (E1/2 of 8-53-26) | Commercial / Industrial | 54.86 | - | 54.86 | - | 0.70 | 54.16 |
| 103.0 | Acheson Zone 1 (NW9-53-26) | Commercial / Industrial | 8.11 | - | 8.11 | - | 0.10 | 8.01 |
| 103.1 | Acheson Zone 1 (NW9-53-26) | Commercial / Industrial | 22.04 | - | 22.04 | - | 0.20 | 21.84 |
| 104.0 | Acheson Zone 1 (NE9-53-26) | Commercial / Industrial | - | - | - | - | - | - |
| 104.1 | Acheson Zone 1 (NE9-53-26) | Commercial / Industrial | 4.05 | - | 4.05 | - | - | 4.05 |
| 105.0 | Acheson Zone 1 (SE9-53-26) | Commercial / Industrial | 12.70 | - | 12.70 | - | 0.12 | 12.58 |
| 105.1 | Acheson Zone 1 (SE9-53-26) | Commercial / Industrial | 2.67 | - | 2.67 | - | 0.12 | 2.55 |
| 106.0 | Acheson Zone 1 (SW9-53-26) | Commercial / Industrial | - | - | - | - | - | - |
| 107.0 | Acheson Zone 1 Osborne Acres et al | Residential | 68.59 | - | 68.59 | - | - | 68.59 |
| 108.0 | Acheson Zone 1 (W1/2 of 5-53-26) - North of Railway | Commercial / Industrial | 65.08 | 29.15 | 35.93 | - | - | 35.93 |
| 109.0 | Acheson Zone 1 (NE5-53-26) | Commercial / Industrial | 59.41 | 22.89 | 36.52 | - | - | 36.52 |
| 110.0 | Acheson Zone 1 (SW4-53-26) | Commercial / Industrial | - | - | - | - | - | - |
| 111.0 | Acheson Zone 1 (SE4-53-26) | Commercial / Industrial | 15.65 | - | 15.65 | - | - | 15.65 |
| 111.1 | Acheson Zone 1 (SE4-53-26) | Commercial / Industrial | 8.51 | - | 8.51 | - | 0.55 | 7.97 |
| 201.0 | Acheson Zone 2 (NW10-53-26) | Commercial / Industrial | - | - | - | _ | - | _ |
| 201.1 | Acheson Zone 2 (NW10-53-26) | Commercial / Industrial | - | - | _ | - | - | _ |
| 202.0 | Acheson Zone 2 (NE10-53-26) | Commercial / Industrial | - | - | _ | - | - | _ |
| 203.0 | Acheson Zone 2 (Pt. NW11-53-26) | Commercial / Industrial | 51.12 | _ | 51.12 | _ | 0.56 | 50.56 |
| 204.0 | Acheson Zone 2 (NE11-53-26) | Commercial / Industrial | 52.89 | _ | 52.89 | _ | 0.56 | 52.33 |
| 205.0 | Acheson Zone 2 (SE11-53-26) | Commercial / Industrial | 64.00 | 1.20 | 62.80 | _ | - | 62.80 |
| 206.0 | Acheson Zone 2 (SW11-53-26) | Commercial / Industrial | 64.60 | - | 64.60 | _ | _ | 64.60 |
| 207.0 | Acheson Zone 2 (Pt. SE10-53-26) | Commercial / Industrial | 23.02 | _ | 23.02 | | _ | 23.02 |
| 208.0 | Acheson Zone 2 (SW10-53-26) | Commercial / Industrial | 4.00 | - | 4.00 | - | - | 4.00 |
| 208.1 | Acheson Zone 2 (SW10-53-26) | Commercial / Industrial | 7.30 | _ | 7.30 | | 1.99 | 5.31 |
| 301.0 | Acheson Zone 3 (SW5-53-26) - South of Railway | Commercial / Industrial | 8.20 | _ | 8.20 | | 2.06 | 6.14 |
| 302.0 | Acheson Zone 3 (SE5-53-26) | Commercial / Industrial | - 0.20 | _ | - 0.20 | | - | - |
| 302.0 | Acheson Zone 3 (SE5-53-26) | Commercial / Industrial | | - | - | - | - | - |
| 303.0 | Acheson Zone 3 (SW4-53-26) | Commercial / Industrial | | _ | - | | - | |
| 304.0 | Acheson Zone 3 (SE4-53-26) | Commercial / Industrial | - | - | _ | | - | - |
| 401.0 | Acheson Zone 4 (NW3-53-26) - South of Railway | Commercial / Industrial | | | - | | - | |
| 401.0 | Acheson Zone 4 (NW3-53-26) - South of Railway | Commercial / Industrial | | | - | | - | |
| 402.0 | Acheson Zone 4 (NE3-53-26) - South of Railway | Commercial / Industrial | 41.64 | - | 41.64 | - | 1.61 | 40.03 |
| 403.0 | Acheson Zone 4 (NW2-53-26) - South of Railway | Commercial / Industrial | 59.54 | - | 59.54 | - | 3.22 | 56.32 |
| 404.0 | Acheson Zone 4 (NE2-53-26) - South of Railway | Commercial / Industrial | 60.27 | | 60.27 | | 3.22 | 57.05 |
| 405.0 | Acheson Zone 4 (NE2-53-26) - 300(11 01 Kallway | Commercial / Industrial | 61.70 | - | 61.70 | | 24.28 | 37.42 |
| 406.0 | Acheson Zone 4 (SE2-33-26) | Commercial / Industrial | 59.26 | 0.50 | 58.76 | | - | 58.76 |
| 407.0 | Acheson Zone 4 (SW2-93-26) Acheson Zone 4 (SE3-53-26) | Commercial / Industrial | 56.89 | 0.50 | 56.89 | - | 1.61 | 55.28 |
| 407.0 | Acheson Zone 4 (SE3-33-26) | Commercial / Industrial | 30.13 | - | 30.13 | - | 16.20 | 13.93 |
| | Acheson Zone 4 (SW3-53-26) Acheson Zone 4 (SW3-53-26) | | 30.13 | - | 30.13 | <u>-</u> | 10.20 | 13.93 |
| 408.1 | , | Commercial / Industrial | | | | | | |
| 501.0 | Acheson Zone 5 (NW32-52-26) | Commercial / Industrial | 63.26 | - | 63.26 | <u> </u> | 16.20 | 47.06 |
| 502.0 | Acheson Zone 5 (NE32-52-26) | Commercial / Industrial | 4.04 | - | 4.04 | | - | 4.04 |
| 502.1 | Acheson Zone 5 (NE32-52-26) | Commercial / Industrial | 4.05 | - | 4.05 | | - | 4.05 |
| 503.0 | Acheson Zone 5 (NW33-52-26) | Commercial / Industrial | 34.17 | - | 34.17 | | - | 34.17 |
| 503.1 | Acheson Zone 5 (NW33-52-26) | Commercial / Industrial | 40.05 | | 40.05 | | | 40.05 |
| 504.0 | Acheson Zone 5 (NE33-52-26) | Commercial / Industrial | 18.65 | - | 18.65 | - | - | 18.65 |
| 504.1 | Acheson Zone 5 (NE33-52-26) | Commercial / Industrial | 33.42 | - | 33.42 | - | - | 33.42 |
| 505.0 | Acheson Zone 5 (SE33-52-26) | Commercial / Industrial | 64.14 | - | 64.14 | - | 9.75 | 54.39 |
| 506.0 | Acheson Zone 5 (SW33-52-26) | Commercial / Industrial | 61.97 | - | 61.97 | - | - | 61.97 |
| 507.0 | Acheson Zone 5 (SE32-52-26) | Commercial / Industrial | - | - | - | - | - | - |
| 508.0 | Acheson Zone 5 (SW32-52-26) | Commercial / Industrial | 64.70 | - | 64.70 | - | - | 64.70 |



| Area Ref. # | Development Area Location | Land Use | Gross Area (ha.) | Environmental Reserves (ha.) | Sub-total | Municipal Reserves | Arterial Right of Way | Net Development Area (ha.) |
|-------------|---|---|------------------|---------------------------------|-----------|-----------------------|--------------------------|----------------------------------|
| 601.0 | Acheson Zone 6 (NW34-52-26) | Commercial / Industrial | 53.54 | - | 53.54 | - | - | 53.54 |
| 602.0 | Acheson Zone 6 (NE34-52-26) | Commercial / Industrial | 60.23 | - | 60.23 | - | 3.22 | 57.01 |
| 603.0 | Acheson Zone 6 (NW35-52-26) | Commercial / Industrial | 62.30 | 3.70 | 58.60 | - | 3.22 | 55.38 |
| 604.0 | Acheson Zone 6 (NE35-52-26) | Commercial / Industrial | 53.11 | - | 53.11 | - | 16.20 | 36.91 |
| 605.0 | Acheson Zone 6 (SE35-52-26) | Commercial / Industrial | 64.75 | - | 64.75 | • | - | 64.75 |
| 606.0 | Acheson Zone 6 (SW35-52-26) | Commercial / Industrial | 63.88 | - | 63.88 | • | - | 63.88 |
| 607.0 | Acheson Zone 6 (SE34-52-26) | Commercial / Industrial | 64.72 | - | 64.72 | ٠ | - | 64.72 |
| 608.0 | Acheson Zone 6 (SW34-52-26) | Commercial / Industrial | 57.14 | 5.03 | 52.11 | - | 3.22 | 48.89 |
| 701.0 | Acheson Zone 7 (NW29-52-26) | Commercial / Industrial | 64.75 | 12.88 | 51.87 | - | 3.22 | 48.65 |
| 702.0 | Acheson Zone 7 (NE29-52-26) | Commercial / Industrial | 64.34 | - | 64.34 | - | 3.22 | 61.12 |
| 703.0 | Acheson Zone 7 (NW28-52-26) | Commercial / Industrial | 64.68 | _ | 64.68 | - | 3.22 | 61.46 |
| 704.0 | Acheson Zone 7 (NE28-52-26) | Commercial / Industrial | 61.73 | _ | 61.73 | - | 3.71 | 58.02 |
| 705.0 | Acheson Zone 7 (SE28-52-26) | Commercial / Industrial | 61.46 | _ | 61.46 | - | 61.46 | - |
| 706.0 | Acheson Zone 7 (SW28-52-26) | Commercial / Industrial | 64.01 | _ | 64.01 | | 17.79 | 46.22 |
| 707.0 | Acheson Zone 7 (SW28-52-26) Acheson Zone 7 (SE29-52-26) | | 64.23 | - | 64.01 | - | 2.42 | 61.81 |
| 707.0 | Acheson Zone 7 (SE29-52-26) | Commercial / Industrial Commercial / Industrial | 64.23 | - | 64.23 | - | 2.42 | 62.37 |
| 801.0 | 1 | | 56.85 | - | 56.85 | - | 3.22 | 53.63 |
| 802.0 | Acheson Zone 8 (NW27-52-26) Acheson Zone 8 (NE27-52-26) | Commercial / Industrial Commercial / Industrial | 63.95 | - | 63.95 | - | 3.22 | 60.73 |
| 802.0 | Acheson Zone 8 (NE27-52-26) Acheson Zone 8 (NW26-52-26) | Commercial / Industrial | 64.75 | - | 64.75 | - | 3.22 | 61.53 |
| 804.0 | Acheson Zone 8 (NE26-52-26) | Commercial / Industrial | 64.75 | - | 64.75 | - | 3.22 | 61.68 |
| 805.0 | Acheson Zone 8 (SE26-52-26) | Commercial / Industrial | 64.90 | - | 64.90 | - | 32.38 | 31.64 |
| 806.0 | Acheson Zone 8 (SW26-52-26) | Commercial / Industrial | 64.35 | - | 64.35 | - | 24.28 | 40.07 |
| 807.0 | Acheson Zone 8 (SE27-52-26) | Commercial / Industrial | 63.62 | - | 63.62 | - | 24.28 | 39.34 |
| 808.0 | Acheson Zone 8 (SW27-52-26) | Commercial / Industrial | 59.82 | - | 59.82 | - | 59.82 | - |
| 901.0 | Big Lake West (W1/2 of 17-53-26) | Residential | 93.56 | 18.40 | 75.16 | 7.52 | - | 67.64 |
| 902.0 | Big Lake West (E1/2 of 17-53-26) | Residential | 69.47 | 52.19 | 17.28 | 1.73 | _ | 15.55 |
| 903.0 | Big Lake West (N1/2 of 16-53-26) | Residential | 8.41 | - | 8.41 | 0.84 | | 7.57 |
| | Big Lake West (S1/2 of 16-53-26) | Residential | 78.77 | - | 78.77 | 7.88 | | 70.89 |
| | Big Lake East (Pt. W1/2 of 15-53-26) | Residential | 36.60 | 11.09 | 25.51 | 2.55 | _ | 22.96 |
| | Big Lake East (NE15-53-26) | Residential | 55.69 | 19.19 | 36.50 | 3.65 | | 32.85 |
| 1003.0 | Big Lake East (NW14-53-26) | Residential | 62.17 | 4.71 | 57.46 | 5.75 | | 51.71 |
| 1004.0 | Big Lake East (S1/2 of 23 & NE14-53-26) | Residential | - | - | - | - | - | - |
| 1005.0 | Big Lake East (SE14-53-26) | Residential | 22.50 | 4.40 | 18.10 | 1.81 | - | 16.29 |
| 1006.0 | Big Lake East (SW16-53-26) | Residential | 24.42 | 0.58 | 23.84 | 2.38 | - | 21.46 |
| 1007.0 | Big Lake East (Pt. SE15-53-26) | Residential | 30.76 | 3.51 | 27.25 | 2.73 | - | 24.53 |
| 1101.0 | Acheson West (SW18-53-26) | Commercial / Industrial | 48.16 | - | 48.16 | • | - | 48.16 |
| 1102.0 | Acheson West (SE18-53-26) | Commercial / Industrial | 44.17 | - | 44.17 | ı | - | 44.17 |
| 1103.0 | Acheson West (Sec.7-53-26) | Commercial / Industrial | 31.83 | - | 31.83 | • | - | 31.83 |
| 1104.0 | Acheson West (NE12-53-27) | Commercial / Industrial | 64.34 | 2.70 | 61.64 | - | - | 61.64 |
| 1105.0 | Acheson West (SE12-53-27) | Commercial / Industrial | 64.33 | - | 64.33 | • | - | 64.33 |
| 1106.0 | Acheson West (NE1-53-27) | Commercial / Industrial | 64.34 | 14.07 | 50.27 | ē | - | 50.27 |
| 1107.0 | Acheson West (NW6-53-26) | Commercial / Industrial | 64.35 | - | 64.35 | - | - | 64.35 |
| 1108.0 | Acheson West (NE6-53-26) | Commercial / Industrial | 64.35 | - | 64.35 | - | - | 64.35 |
| 1109.0 | Acheson West (SE6-53-26) - North of Railway | Commercial / Industrial | 25.80 | - | 25.80 | - | - | 25.80 |
| 1110.0 | Acheson West (SW6-53-26) - North of Railway | Commercial / Industrial | 39.25 | - | 39.25 | - | - | 39.25 |
| 1111.0 | Acheson West (SE1-53-27) - North of Railway | Commercial / Industrial | 41.27 | 9.37 | 31.90 | - | - | 31.90 |
| 1112.0 | Acheson West (SW6-53-26) - South of Railway | Commercial / Industrial | 11.04 | - | 11.04 | - | - | 11.04 |
| 1113.0 | Acheson West (SE6-53-26) - South of Railway | Commercial / Industrial | 31.97 | - | 31.97 | - | - | 31.97 |



| Area Ref. # | Development Area Location | Land Use | Gross Area (ha.) | Environmental Reserves (ha.) | Sub-total | Municipal Reserves | Arterial Right of Way | Net Development Area (ha.) |
|-------------|---|-------------------------|------------------|---------------------------------|-----------|-----------------------|--------------------------|----------------------------------|
| 1201.0 | Fifth Meridian (NW12-53-1) - North of Watercourse | Commercial / Industrial | 20.74 | 3.92 | 16.82 | - | - | 16.82 |
| 1202.0 | Fifth Meridian (NE12-53-1) | Commercial / Industrial | 50.51 | 6.00 | 44.51 | - | - | 44.51 |
| 1203.0 | Fifth Meridian (SE12-53-1) | Commercial / Industrial | 62.52 | 1.60 | 60.92 | - | - | 60.92 |
| 1204.0 | Fifth Meridian (SW12-53-1) | Residential | 64.75 | 6.70 | 58.05 | 5.81 | - | 52.25 |
| 1205.0 | Fifth Meridian (NW12-53-1) - South of Watercourse | Residential | 30.45 | 9.44 | 21.01 | 2.10 | - | 18.91 |
| 1301.0 | Fifth Meridian (NW12-53-28) | Commercial / Industrial | 17.60 | - | 17.60 | - | - | 17.60 |
| 1302.0 | Fifth Meridian (NE12-53-28) | Commercial / Industrial | 51.75 | 3.62 | 48.13 | - | - | 48.13 |
| 1303.0 | Fifth Meridian (SE12-53-28) | Commercial / Industrial | 64.21 | 2.75 | 61.46 | - | - | 61.46 |
| 1304.0 | Fifth Meridian (SW12-53-28) | Commercial / Industrial | 27.66 | - | 27.66 | - | - | 27.66 |
| 1401.0 | Fifth Meridian (NW7-53-27) - North of watercourse | Commercial / Industrial | 14.44 | - | 14.44 | - | - | 14.44 |
| 1402.0 | Fifth Meridian (NE7-53-27) | Residential | 49.19 | 7.22 | 41.97 | 4.20 | - | 37.77 |
| 1403.0 | Fifth Meridian (SE7-53-27) | Residential | 64.75 | 24.28 | 40.47 | 4.05 | - | 36.42 |
| 1404.0 | Fifth Meridian (SW7-53-27) | Residential | 64.36 | 0.60 | 63.76 | 6.38 | - | 57.38 |
| 1405.0 | Fifth Meridian (NW7-53-27) - South of watercourse | Residential | 34.36 | - | 34.36 | - | - | 34.36 |
| 1501.0 | Acheson West (NW31-52-26) | Commercial / Industrial | 61.92 | 4.00 | 57.92 | - | - | 57.92 |
| 1502.0 | Acheson West (NE31-52-26) | Commercial / Industrial | 62.32 | - | 62.32 | - | 16.20 | 46.12 |
| 1600.1 | Big Lake East (Lot 1 & 2, Plan 4149TR in SW15-53-26) | Residential | 39.82 | - | 39.82 | 3.98 | 2.31 | 33.53 |
| 1600.2 | Big Lake East (Pt. SE15-53-26) | Residential | 30.45 | - | 30.45 | 3.05 | 0.62 | 26.79 |
| 1600.3 | Acheson Zone 2 (Pt. NW11-53-26) | Commercial / Industrial | 2.41 | - | 2.41 | - | - | 2.41 |
| 1600.4 | Acheson Zone 2 (Pt. SE10-53-26 and Pt. NE3-53-26 N of I | Commercial / Industrial | 25.93 | - | 25.93 | - | - | 25.93 |
| 1600.5 | Acheson Zone 2 (Pt. NW2-53-26 North of Rail) | Commercial / Industrial | 5.06 | - | 5.06 | - | - | 5.06 |
| 1600.6 | Acheson Zone 2 (Pt. NE2-53-26 North of Rail) | Commercial / Industrial | 0.76 | - | 0.76 | - | - | 0.76 |
| 1600.7 | Acheson Zone 4 (Plan 9624108 in NE3-53-26) | Commercial / Industrial | 8.10 | - | 8.10 | - | - | 8.10 |
| 1600.8 | Acheson Zone 4 (Lot 2, Plan 0722672 in SW3-53-26) | Commercial / Industrial | - | - | - | - | - | - |
| | | Total | 4,754.24 | 285.69 | 4,468.55 | 66.38 | 379.13 | 4,023.04 |



Summary of Offsite Levy Net Development Area

| Description | ha. |
|--------------------------|----------|
| Gross Development Area | 4,754.24 |
| Less Environment Reserve | 285.69 |
| Less Municipal Reserve | 66.38 |
| Less ROW Allowance | 379.13 |
| Net Development Area | 4,023.04 |

*Note: 1 Hectare (ha.) = \sim 2.47 Acres

Net development area definitions will be applied in determining offsite levy obligations of developers on application for subdivision or development within the County. Net development area is defined as follows:

- Gross Area The area of lands to be developed in hectares that have not previously paid an offsite levy.
 - Less: Any environmental reserves (undevelopable land) contained within the development area.
 - Less: A 10% allowance for Municipal Reserves (As applicable per County Policy C-PD15)
 - Less: Highway/Arterial/Collector road right of way that bisects the development lands.
- Equals: Net Developable Area, which is the area subject to offsite levies.

A2. Development Staging

A rate planning period of 25-years underpins the offsite levy model and rate calculations. Many municipalities use this planning period as it provides a reasonable timeframe to recoup the costs associated with offsite levy infrastructure construction, and it aligns with the timeframes of many municipal capital planning and construction cycles.

Of the 4,023 net hectares of development area available across all offsite levy development areas, approximately **225 hectares (5.6%)** have been developed to date, and County Planners estimate that approximately **1,960 ha. (48.7%)** will develop during the next 25-years (2020 – 2044, the rate planning period) as shown in the tables below.

Summary of Anticipated Development during the 25-year Rate Planning Period

| Description | Ha. | |
|-------------------------------|----------|-------|
| Developed Since Model Created | 225.05 | 5.6% |
| Developed In Next 25 Years | 1,960.29 | 48.7% |
| Developed Beyond 25 Years | 1,837.70 | 45.7% |
| Net Development Area | 4,023.04 | |



Anticipated Development During the 25-year Rate Planning Period

| | Area | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---------------------|-------|-------------|-------|-------|-------|-------|------|-------|-------|------|-------|--------|-------------|--------------|-------|----------------|------|-------------|------|-------|-------------|------|-------|---------|-------|
| Area | Developed in | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Next 25 years | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 |
| Ref. # | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101.0 | (Net ha.) 16.080 | _ | _ | - | - | | _ | - | - | | - | - | 16.08 | | - | - | - | | - | - | - | | - | | | |
| 101.0 | 54.160 | - | - | - | - | 14.25 | - | - | - | | - | - | - | - | | - | - | | - | - | - | - | - | - | 39.91 | - |
| 103.0 | 8.010 | | - | | 4.00 | 14.25 | - | - | | | 4.01 | | | | | | | | | - | | | - | | - 35.51 | |
| 103.1 | 21.840 | | - | 4.09 | | - | 13.89 | - | | | 3.86 | | | | | | - | | | - | | - | _ | | | |
| 104.0 | 21.040 | | | 4.03 | | | 13.03 | | | | 3.00 | - | | | | | | | | | | | - | | | |
| 104.1 | 4.050 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | 4.05 | - | - | - | - | - | - | - | - | - |
| 105.0 | - | _ | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 105.1 | - | | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - | - | - |
| 106.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - | - | - |
| 107.0 | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 108.0 | 35.930 | - | - | - | - | - | - | | 35.93 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 109.0 | 29.640 | - | | 29.64 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 110.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 111.0 | 10.400 | - | - | - | - | - | - | - | - | 1.14 | - | - | - | - | - | - | - | - | 9.26 | - | - | - | - | - | - | - |
| 111.1 | 7.965 | - | | - | - | | - | - | - | 2.68 | - | - | - | - | - | - | - | | 5.29 | | - | - | - | - | | - |
| 201.0 | | - | - | - | - | | - | - | - | | - | - | - | - | - | - | - | - | - | | | - | - | - | - | - |
| 201.1 | - | - | - | - | - | | - | | - | - | - | | - | - | - | - | - | - | - | | | - | - | - | - | - |
| 202.0 | - | - | - | - | - | - | - | | - | - | - | | - | - | - | - | - | - | - | | - | - | - | - | - | - |
| 203.0 | 28.660 | 24.66 | - | - | - | - | - | - | - | - | - | - | - | - | 4.00 | - | - | - | - | - | - | - | - | - | - | - |
| 204.0 | 52.330 | - | - | - | 22.07 | | - | | 30.26 | | - | | - | - | - | - | - | ٠ | - | ٠ | | - | - | - | | - |
| 205.0 | 48.100 | - | | 48.10 | - | | - | - | - | - | - | - | - | | - | - | - | | - | | | | - | - | - | - |
| 206.0 | 30.000 | - | - | - | - | | - | - | - | - | - | - | 30.00 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 207.0 | 4.790 | - | - | - | - | 4.79 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 208.0 | 4.000 | - | - | - | - | - | - | - | - | - | - | 4.00 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 208.1 | 5.310 | - | - | - | - | - | - | - | - | - | - | 5.31 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 301.0 | 6.140 | - | - | - | - | 6.14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 302.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - | - | - |
| 302.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 303.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 304.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 401.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 401.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 402.0 | 40.030 | - | - | | - | - | | | - | | - | - | | - | - | - | - | - | - | - | 40.03 | - | - | - | - | - |
| 403.0 404.0 | 56.320 57.050 | - | - | - | 56.32 | - | - | | - | - | - | - | - | - | - | - | - | - | - | - | - | 57.05 | - | - | - | - |
| 404.0 | 37.420 | - | - | - | - | - | - | - | - | - | - | 37.42 | - | <u> </u> | - | - | - | - | - | - | | 57.05 | - | | - | - |
| 406.0 | 58.760 | | - | - | - | - | - | - | 29.38 | | - | 37.42 | | | - | - | <u> </u> | | 29.38 | - | | - | - | | | - |
| 407.0 | 55.280 | | - | - | - | 27.64 | - | - | 29.30 | | | - | | | - | - | 27.64 | | 29.30 | - | - | - | - | | | - |
| 408.0 | 13.930 | - | - | - | 13.12 | - | - | - | - | | - | - | 0.81 | - | - | - | - | | - | - | - | - | - | | - | _ |
| 408.1 | 13.930 | | | | 10.12 | | | | | | | | - 0.01 | | - | - | | | - | | | | | | | |
| 501.0 | 47.060 | | - | 47.06 | - | - | _ | - | - | | - | - | | - | - | - | - | - | - | - | - | - | - | - | - | _ |
| 502.0 | 4.040 | | - | | | - | 4.04 | | | | | | - | | - | - | - | | - | - | | - | - | | | _ |
| 502.1 | 4.050 | - | - | - | | | 4.05 | | | - | | - | - | | - | - | - | - | - | - | - | _ | - | | | - |
| 503.0 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 503.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 504.0 | 5.063 | - | - | - | - | - | - | - | - | 5.06 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 504.1 | 25.100 | 15.10 | | - | - | - | - | - | - | 10.00 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 505.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 506.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 507.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 508.0 | 64.700 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 32.35 | - | - | - | - | - | - | - | - | - | 32.35 |
| 601.0 | 53.540 | - | - | 26.77 | - | - | - | - | 26.77 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 602.0 | 57.010 | - | - | - | - | - | 57.01 | - | - | - | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 603.0 | 55.380 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 55.38 | - | - |
| 604.0 | 5.890 | - | - | - | - | | - | - | | | 5.89 | - | - | - | - | - | - | | - | | - | - | - | - | | - |
| 605.0 | - | - | | - | - | | - | - | - | - | - | - | - | - | - | - | - | | - | | - | - | - | - | | - |
| 606.0 | , | - | - | - | - | | - | - | - | - | - | - | - | - | - | - | - | | - | | | - | - | - | - | - |
| 607.0 | - | - | - | - | - | | - | | - | - | - | | - | - | - | - | - | - | - | | | - | - | - | - | - |
| 608.0 | 48.890 | - | - | 33.96 | - | | 14.93 | | - | - | - | | - | - | - | - | - | | - | | | - | - | - | - | - |
| | . , | | | | | | | | | | | | | | | | | | | | | | | | | |



| Area Ref. # | Area Developed in Next 25 years (Net ha.) | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 |
|--------------------|---|-------|------|--------|--------|-------|--------|-------|--------|-------|-------|-------|-------|-------|------|-------|--------------|-------|---------|-------|--------------|--------------|---------|-------|-------|---------|
| 701.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 702.0 | 61.120 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 61.12 | - | - | - | - | - | - |
| 703.0 | 57.410 | 1.23 | - | 56.18 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 704.0 705.0 | - | | | - | | - | | | | | - | | | | | - | - | - | | - | - | - | - | - | _ | - |
| 706.0 | 46.220 | - | | - | | | | | | | | | | | | | 46.22 | | | | - | | | | - | |
| 707.0 | 61.810 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 61.81 | - | - | - |
| 708.0 | - | - | - | - | | - | - | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - |
| 801.0 | 53.630 | - | - | - | | - | - | - | - | - | , | - | | - | - | - | - | 53.63 | | - | - | - | - | - | - | - |
| 802.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 803.0 804.0 | - | - | - | - | - | - | | - | - | - | | - | | - | - | - | - | - | - | - | - | | - | - | - | - |
| 805.0 | - | - | - | - | - | - | | | | | | | | | - | - | | - | | - | - | | - | - | - | - |
| 806.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 807.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 808.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 901.0 | 67.640 | - | - | - | - | - | 28.62 | - | - | - | - | - | - | 27.45 | - | - | - | - | - 0.70 | - | - | 11.57 | - | - | - | - |
| 902.0 | 15.550 7.569 | | - | - | 5.75 | - | - | - | 1.82 | - | 5.85 | - | | - | - | - | - | - | 9.70 | - | - | - | - | | - | - |
| 904.0 | 30.350 | - | - | - | - 3.73 | - | | - | - 1.02 | - | - | - | 30.35 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,001.0 | 18.570 | 2.87 | - | - | - | - | - | 15.70 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,002.0 | 32.850 | - | - | - | - | - | - | - | - | - | - | 14.13 | - | - | - | - | - | - | 18.72 | - | - | - | - | - | - | - |
| 1,003.0 | 51.710 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 51.71 | - | - | - |
| 1,004.0 | 12.520 | - | - | - | - | - | - | - | - | - | - | - | 10.73 | - | - | - | - | - | - | - | - | - | - | - | 1.79 | - |
| 1,006.0 | 21.460 | | - | 7.61 | | - | | | - | | - | - | - | - | - | - | - | - | | - | 13.85 | - | - | - | - | - |
| 1,007.0 | 24.525 | - | - | - | - | - | - | 15.73 | - | - | - | - | - | - | - | 8.80 | - | - | - | - | - | - | - | - | - | - |
| 1,101.0 | 48.160 | - | - | - | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 48.16 |
| 1,102.0 | 44.170 | - | - | - | - | - | - | - | - | - | - | - | - | 44.17 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,103.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,104.0 | - | - | - | - | | - | - | - | | | - | | | | - | - | - | - | | - | - | | - | - | - | - |
| 1,106.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,107.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,108.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,109.0 | - | - | - | - | | - | - | | - | - | | - | | - | - | - | - | - | | - | - | | - | - | - | - |
| 1,111.0 | - | | | - | | - | | | | | - | | - | | | - | - | | | - | - | - | - | - | - | - |
| 1,112.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,113.0 | - | - | - | - | | | - | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - |
| 1,201.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,202.0 1,203.0 | 44.510 54.830 | - | - | - | - | - | - | - | - | - | - | - | - | | | 44.51 | - | - | - | - | - | - | 54.83 | - | - | - |
| 1,203.0 | 34.630 | - | - | - | - | - | | - | - | - | | - | - | - | - | - | - | - | | - | - | | - 34.63 | - | - | - |
| 1,205.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,301.0 | 17.600 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 17.60 | - | - | - | - | - | - | - |
| 1,302.0 | - | | - | - | - | - | - | - | - | | - | - | | | - | - | - | - | - | - | - | | - | - | - | - |
| 1,303.0 | 27.660 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 27.66 | - | - | - | - | - | - | - |
| 1,401.0 | 27.000 | - | - | - | - | - | - | - | - | - | - | - | | - | | - | - | - | - 27.00 | - | - | - | - | - | - | - |
| 1,402.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,403.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,404.0 | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,405.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,501.0 1,502.0 | 23.060 | | - | - | | - : | | | - | - | | - | | | - | - | <u> </u> | - | | - | H :- | - | - | - | - | 23.06 |
| 1,600.1 | 33.528 | - | - | - | - | - | - | - | - | - | - | 14.70 | - | - | - | - | - | - | - | 18.83 | - | - | - | - | - | - 23.00 |
| 1,600.2 | 9.710 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9.71 | - | - | - | - | - | - | - | - | - | - |
| 1,600.3 | 2.410 | - | - | - | - | 2.41 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,600.4 | 25.930 | - | - | - | | - | - | - | - | - | | - | - | 25.93 | | - | - | - | - | - | - | - | - | - | | - |
| 1,600.5 | 0.760 | - | - | 0.76 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1,600.6 | 8.100 | | - | 0.76 | | - | | | - | | | - | - | - | - | - | - | - | | - | 8.10 | - | - | - | - | - |
| 1,600.7 | 5.100 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1,960.28 | 43.86 | - | 254.17 | 101.26 | 55.23 | 122.54 | 31.43 | 124.16 | 18.88 | 19.61 | 75.56 | 87.97 | 97.55 | 4.00 | 95.37 | 77.91 | 53.63 | 117.61 | 79.95 | 61.98 | 68.62 | 168.35 | 55.38 | 41.70 | 103.57 |



APPENDIX B: WATER OFFSITE INFRASTRUCTURE

B1. Water Offsite Infrastructure Costs

To support future growth, water offsite infrastructure is required. The estimated cost of this infrastructure is based upon: (a) actual construction costs to the cut-off date, (b) debenture interest associated with financing, and (c) future cost estimates. Total cost is approximately \$137.18 million as outlined in the table below. Actual costs, infrastructure staging, and cost estimates were provided by County Engineering staff. It is important to note that these costs represent "gross" costs, of which only a portion will go to support future development during the 25-year review period. The remainder of this section outlines how the "net" costs for future development are determined.

Summary of Water Offsite Infrastructure

| Item | Project Description | Con | Cost of npleted Work | Debenture Interest | Estimated Cost of Work Yet to be Completed | Total Project Estimated Cost |
|------|--|-----|----------------------|--------------------|--|---------------------------------|
| 1 | Zone 4 Reservoir Expansion (9000m3) | \$ | - | \$ - | \$ 6,531,250 | \$ 6,531,250 |
| 2 | Zone 3 Pump Upgrade | \$ | - | \$ - | \$ - | \$ - |
| 3 | Zone 3 Pump Upgrade | \$ | - | \$ - | \$ - | \$ - |
| 4 | Zone 3 New West Acheson Park Reservoir 9000m3 & Pumphouse | \$ | - | \$ - | \$ 9,630,000 | \$ 9,630,000 |
| 5 | Zone 3 West Acheson Park Reservoir Expansion 15,000m3 | \$ | - | \$ - | \$ 12,000,000 | \$ 12,000,000 |
| 6 | Zone 1 Water Mains (Near future, long term, and ultimate) | \$ | - | \$ - | \$ 3,246,986 | \$ 3,246,986 |
| 7 | Zone 2 Water Mains (Near future, long term, and ultimate) | \$ | 1,579,772 | \$ - | \$ 2,048,141 | \$ 3,627,913 |
| 8 | Big Lakes East Water Mains | \$ | 96,587 | \$ - | \$ 7,514,370 | \$ 7,610,957 |
| 9 | Big Lakes West Water Mains | \$ | - | \$ - | \$ 7,600,163 | \$ 7,600,163 |
| 10 | Zone 3 Water Mains | \$ | - | \$ - | \$ 102,128 | \$ 102,128 |
| 11 | 5th Meridian - Supply Line From Regional Line | \$ | - | \$ - | \$ 3,240,100 | \$ 3,240,100 |
| 12 | 5th Meridian - Water Reservoir | \$ | - | \$ - | \$ 7,800,000 | \$ 7,800,000 |
| 13 | 5th Meridian (Area A) - Water Mains | \$ | - | \$ - | \$ | 2,496,100 |
| 14 | 5th Meridian (Area B) - Water Mains | \$ | - | \$ - | \$ | 4,069,000 |
| 15 | 5th Meridian (Area C) - Water Mains | \$ | - | \$ - | \$ | 6,429,900 |
| 16 | Acheson Area 11 Water Mains (Near future, long term, and ultimate) | \$ | - | \$ - | \$ 10,244,036 | \$ 10,244,036 |
| 17 | Old Bylaw #52-2003 (A5 - Hunter's Watermain) | \$ | 272,702 | \$ 74,981 | \$ - | \$ 347,683 |
| 18 | Acheson Big Lake Water Servicing Study Update - 2020 | \$ | - | \$ - | \$ 50,875 | \$ 50,875 |
| 19 | Zone 4 Water Mains | \$ | - | \$ - | \$ 4,637,453 | \$ 4,637,453 |
| 20 | Zone 5 Water Mains | \$ | 6,310,250 | \$ - | \$ 2,476,980 | \$ 8,787,230 |
| 21 | Zone 6 Water Mains | \$ | - | \$ - | \$ 5,358,893 | \$ 5,358,893 |
| 22 | Zone 7 Water Mains | \$ | 288.112 | \$ - | \$ 4,052,396 | \$ 4,340,508 |
| 23 | Zone 8 Water Mains | \$ | - | \$ - | \$ | 3,986,685 |
| 24 | Zone 4 Reservoir Expansion (Adjacent to Zone 4 Reservoir) 17,270m3 & Pumphouse | \$ | - | \$ - | \$ 16,635,000 | \$ 16,635,000 |
| 25 | New PRVs (x9) | \$ | - | \$ - | \$ 1,546,875 | \$ 1,546,875 |
| 26 | Acheson Big Lake Water Servicing Study Update - 2025 | \$ | - | \$ - | \$ 50,875 | \$ 50,875 |
| 27 | Acheson Big Lake Water Servicing Study Update - 2030 | \$ | - | \$ - | \$ 50,875 | \$ 50,875 |
| 28 | Acheson Big Lake Water Servicing Study Update - 2035 | \$ | - | \$ - | \$ | 50,875 |
| 29 | Acheson Big Lake Water Servicing Study Update - 2040 | \$ | - | \$ - | \$ | 50,875 |
| 30 | Zone 5 & 7 East-West Distribution Main | \$ | 1,414,944 | \$ - | \$ | 2,612,101 |
| 31 | Zone 6 & 8 East-West Distribution Main | \$ | 229,348 | \$ - | \$ | 2,298,560 |
| 32 | West Acheson South Water Distribution Mains (1501, 1502, 1112, 1113) | \$ | - | \$ - | \$ 1,742,749 | \$ 1,742,749 |
| | | \$ | 10,191,715 | \$ 74,981 | \$ | 137,176,643 |

^{*}Costs are based on 2019 estimates and include engineering costs and contingencies.

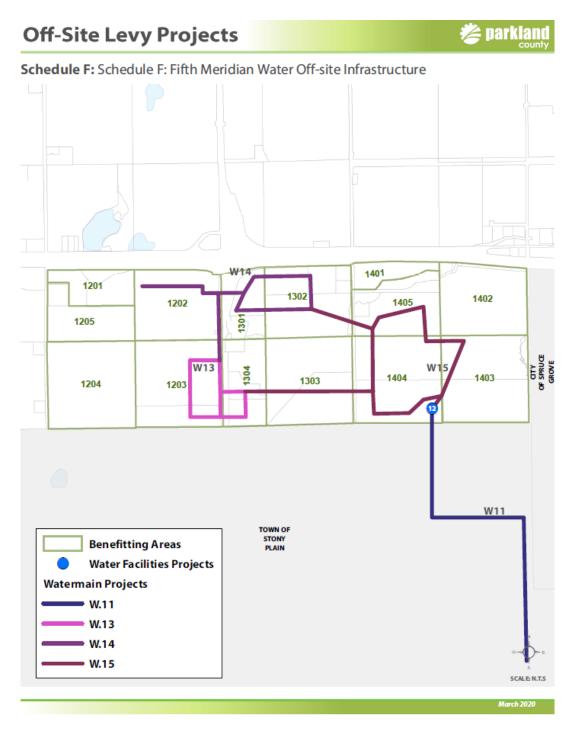


A map showing the location of the water offsite infrastructure is shown below.

Location of Water Offsite Infrastructure

🖔 parkland **Off-Site Levy Projects** Schedule E: Acheson/Big Lake Water Off-Site Infrastructure Big Lake W8= 201.1 W7 8 106.1 CITY OF EDMONTON # . W16™ 1600.8 8 301 W10 602.1 503.1 W32 502 W21 W20 508 W31 ₩30**•** 703 801 W.16 W23 707 W.22 W.31 W.32 STONY PLAIN INDIAN RESERVE #135 SCALE: N.T.S





B2. Water Offsite Infrastructure Grants & Contributions to Date

The Municipal Government Act enables the County to allocate the costs of offsite infrastructure to future development, other than those costs that have been provided by way of special grant or contribution (i.e., contributed infrastructure). Parkland County has/will receive **\$2.89 million** in special grants and contributions for water offsite levy infrastructure as shown in the table below (note, if the County receives other grants or contributions in the future, it will be reflected in one of the annual updates and rates adjusted accordingly). The result is that the total reduced project cost is **\$134.28 million**.



Special Grants and Contributions for Water Offsite Infrastructure

| Item | Project Description | tal Project mated Cost | pecial Provincial Grants | Developer Agreement Contributions | Other Contributions | educed Project Estimated Cost |
|------|--|---------------------------|-----------------------------|---|------------------------|----------------------------------|
| 1 | Zone 4 Reservoir Expansion (9000m3) | \$ 6,531,250 | \$ - | \$ - | \$ - | \$ 6,531,250 |
| 2 | Zone 3 Pump Upgrade | \$ - | \$ - | \$ - | \$ - | \$ - |
| 3 | Zone 3 Pump Upgrade | \$ - | \$ - | \$ - | \$ - | \$ - |
| 4 | Zone 3 New West Acheson Park Reservoir 9000m3 & Pumphouse | \$ 9,630,000 | - | \$ 34,123 | \$ - | \$ 9,595,877 |
| 5 | Zone 3 West Acheson Park Reservoir Expansion 15,000m3 | \$ 12,000,000 | \$ - | \$ - | \$ - | \$ 12,000,000 |
| 6 | Zone 1 Water Mains (Near future, long term, and ultimate) | \$ 3,246,986 | \$ - | \$ 2,654 | \$ - | \$ 3,244,332 |
| 7 | Zone 2 Water Mains (Near future, long term, and ultimate) | \$ 3,627,913 | \$ - | \$ 785,460 | \$ - | \$ 2,842,453 |
| | Big Lakes East Water Mains | \$ 7,610,957 | \$ - | \$ - | \$ - | \$ 7,610,957 |
| 9 | Big Lakes West Water Mains | \$ 7,600,163 | \$ | \$ - | \$ - | \$ 7,600,163 |
| 10 | Zone 3 Water Mains | \$ 102,128 | \$ | \$ - | \$ - | \$ 102,128 |
| 11 | 5th Meridian - Supply Line From Regional Line | \$ 3,240,100 | \$ | \$ - | \$ - | \$ 3,240,100 |
| 12 | 5th Meridian - Water Reservoir | \$ 7,800,000 | \$ - | \$ - | \$ - | \$ 7,800,000 |
| 13 | 5th Meridian (Area A) - Water Mains | \$ 2,496,100 | \$ | \$ - | \$ - | \$ 2,496,100 |
| 14 | 5th Meridian (Area B) - Water Mains | \$ 4,069,000 | \$ - | \$ - | \$ - | \$ 4,069,000 |
| 15 | 5th Meridian (Area C) - Water Mains | \$ 6,429,900 | \$ - | \$ - | \$ - | \$ 6,429,900 |
| 16 | Acheson Area 11 Water Mains (Near future, long term, and ultimate) | \$ 10,244,036 | \$ - | \$ - | \$ - | \$ 10,244,036 |
| 17 | Old Bylaw #52-2003 (A5 - Hunter's Watermain) | \$ 347,683 | \$ - | \$ 21,811 | \$ - | \$ 325,872 |
| 18 | Acheson Big Lake Water Servicing Study Update - 2020 | \$ 50,875 | \$ - | \$ - | \$ - | \$ 50,875 |
| | Zone 4 Water Mains | \$ 4.637.453 | \$ | \$ - | \$ - | \$ 4.637.453 |
| 20 | Zone 5 Water Mains | \$ 8,787,230 | \$ | \$ 2,049,130 | \$ - | \$ 6,738,100 |
| 21 | Zone 6 Water Mains | \$ 5,358,893 | \$ | \$ - | \$ - | \$ 5,358,893 |
| | Zone 7 Water Mains | \$ 4,340,508 | \$ - | \$ - | \$ - | \$ 4,340,508 |
| 23 | Zone 8 Water Mains | \$ 3,986,685 | \$ - | \$ - | \$ - | \$ 3,986,685 |
| 24 | Zone 4 Reservoir Expansion (Adjacent to Zone 4 Reservoir) 17,270m3 & Pumphouse | \$ 16,635,000 | \$ - | \$ - | \$ - | \$ 16,635,000 |
| 25 | New PRVs (x9) | \$ 1,546,875 | \$ - | \$ - | \$ - | \$ 1,546,875 |
| 26 | Acheson Big Lake Water Servicing Study Update - 2025 | \$ 50.875 | \$ | \$ - | \$ - | \$ 50,875 |
| 27 | Acheson Big Lake Water Servicing Study Update - 2030 | \$ 50,875 | \$ | \$ - | \$ - | \$ 50,875 |
| 28 | Acheson Big Lake Water Servicing Study Update - 2035 | \$ 50,875 | \$ - | \$ - | \$ - | \$ 50,875 |
| | Acheson Big Lake Water Servicing Study Update - 2040 | \$ 50,875 | \$ - | \$ - | \$ - | \$ 50,875 |
| 30 | Zone 5 & 7 East-West Distribution Main | \$ 2,612,101 | \$ - | \$ - | \$ - | \$ 2,612,101 |
| 31 | Zone 6 & 8 East-West Distribution Main | \$ 2,298,560 | - | \$ - | \$ - | \$ 2,298,560 |
| | West Acheson South Water Distribution Mains (1501, 1502, 1112, 1113) | \$ 1,742,749 | - | \$ - | \$ - | \$ 1,742,749 |
| | | \$ 137,176,643 | - | \$ 2,893,178 | \$ - | \$ 134,283,466 |

B3. Water Infrastructure Staging

The timing of construction is used to determine the impact of inflation on cost, the impact of forecast reserve balances, and the estimate of financial oversizing (described in Section B4). The County anticipates construction of offsite infrastructure as outlined in the table below. Note, if this schedule is adjusted in the future, it will be reflected in one of the County's annual rate/bylaw updates.

Water Infrastructure Staging

| Item | Project Description | Year of Construction |
|------|--|-------------------------|
| 1 | Zone 4 Reservoir Expansion (9000m3) | 2020 |
| 2 | Zone 3 Pump Upgrade | |
| 3 | Zone 3 Pump Upgrade | |
| 4 | Zone 3 New West Acheson Park Reservoir 9000m3 & Pumphouse | 2038 |
| 5 | Zone 3 West Acheson Park Reservoir Expansion 15,000m3 | 2044 |
| 6 | Zone 1 Water Mains (Near future, long term, and ultimate) | 2020 |
| 7 | Zone 2 Water Mains (Near future, long term, and ultimate) | 2020 |
| 8 | Big Lakes East Water Mains | 2025 |
| 9 | Big Lakes West Water Mains | 2022 |
| 10 | Zone 3 Water Mains | 2023 |
| 11 | 5th Meridian - Supply Line From Regional Line | 2033 |
| 12 | 5th Meridian - Water Reservoir | 2033 |
| 13 | 5th Meridian (Area A) - Water Mains | 2036 |
| 14 | 5th Meridian (Area B) - Water Mains | 2033 |
| 15 | 5th Meridian (Area C) - Water Mains | 2033 |
| 16 | Acheson Area 11 Water Mains (Near future, long term, and ultimate) | 2044 |
| 17 | Old Bylaw #52-2003 (A5 - Hunter's Watermain) | 2014 |
| 18 | Acheson Big Lake Water Servicing Study Update - 2020 | 2020 |
| 19 | Zone 4 Water Mains | 2022 |
| 20 | Zone 5 Water Mains | 2032 |
| | Zone 6 Water Mains | 2021 |
| | Zone 7 Water Mains | 2019 |
| | Zone 8 Water Mains | 2035 |
| 24 | Zone 4 Reservoir Expansion (Adjacent to Zone 4 Reservoir) 17,270m3 & Pumphouse | 2055 |
| 25 | New PRVs (x9) | 2032 |
| 26 | Acheson Big Lake Water Servicing Study Update - 2025 | 2025 |
| 27 | Acheson Big Lake Water Servicing Study Update - 2030 | 2030 |
| 28 | Acheson Big Lake Water Servicing Study Update - 2035 | 2035 |
| 29 | Acheson Big Lake Water Servicing Study Update - 2040 | 2040 |
| 30 | Zone 5 & 7 East-West Distribution Main | 2032 |
| 31 | Zone 6 & 8 East-West Distribution Main | 2020 |
| 32 | West Acheson South Water Distribution Mains (1501, 1502, 1112, 1113) | 2043 |

*The share of projects constructed beyond the 25-year review period are not included in rates today (see financial oversizing in next section).

**Project costs were inflated by 2% per annum for the first 3 years, and 3% per annum thereafter to the year of construction.

***A blank year (if any) represents a project which has been combined with another project, costs have been removed from the model, or project has been completed.



B4. Water Offsite Infrastructure Benefiting Parties

The water offsite infrastructure previously outlined will benefit various parties to varying degrees as determined by County staff. Four potential benefiting parties were identified including:

- Parkland County a portion of the water infrastructure which is required to service existing residents/businesses.
- Other Stakeholders other parties (such as neighboring municipalities) that benefit from the infrastructure.
- Parkland County Future Development (Financial Oversizing) that portion of cost which benefits future development beyond the 25-year review period.
- Parkland County Future Development (In Rates) all growth-related infrastructure (i.e., levyable water infrastructure costs) during the 25-year rate planning period.

The table below outlines the allocation of water offsite levy infrastructure costs to benefiting parties. Project allocations were determined by County staff.

| Item | Project Description | Reduced Project Estimated Cost | Muni Share % | Other Stakeholder Share | Developer Share Beyond 25 Yrs (Financial Oversizing %) | OSL / Developer Share % |
|------|--|-----------------------------------|--------------|----------------------------|---|----------------------------|
| 1 | Zone 4 Reservoir Expansion (9000m3) | \$ 6,531,250 | | | 0.0% | 100.0% |
| 2 | Zone 3 Pump Upgrade | \$ - | | | 0.0% | 100.0% |
| 3 | Zone 3 Pump Upgrade | \$ - | | | 0.0% | 100.0% |
| 4 | Zone 3 New West Acheson Park Reservoir 9000m3 & Pumphouse | \$ 9,595,877 | | | 72.0% | 28.0% |
| 5 | Zone 3 West Acheson Park Reservoir Expansion 15,000m3 | \$ 12,000,000 | | | 96.0% | 4.0% |
| 6 | Zone 1 Water Mains (Near future, long term, and ultimate) | \$ 3,244,332 | | | 0.0% | 100.0% |
| 7 | Zone 2 Water Mains (Near future, long term, and ultimate) | \$ 2,842,453 | | | 0.0% | 100.0% |
| 8 | Big Lakes East Water Mains | \$ 7,610,957 | | | 20.0% | 80.0% |
| 9 | Big Lakes West Water Mains | \$ 7,600,163 | | | 8.0% | 92.0% |
| 10 | Zone 3 Water Mains | \$ 102,128 | | | 12.0% | 88.0% |
| 11 | 5th Meridian - Supply Line From Regional Line | \$ 3,240,100 | | | 52.0% | 48.0% |
| 12 | 5th Meridian - Water Reservoir | \$ 7,800,000 | | | 52.0% | 48.0% |
| 13 | 5th Meridian (Area A) - Water Mains | \$ 2,496,100 | | | 64.0% | 36.0% |
| 14 | 5th Meridian (Area B) - Water Mains | \$ 4,069,000 | | | 52.0% | 48.0% |
| 15 | 5th Meridian (Area C) - Water Mains | \$ 6,429,900 | | | 52.0% | 48.0% |
| 16 | Acheson Area 11 Water Mains (Near future, long term, and ultimate) | \$ 10,244,036 | | | 96.0% | 4.0% |
| 17 | Old Bylaw #52-2003 (A5 - Hunter's Watermain) | \$ 325,872 | 6.6% | | 0.0% | 93.4% |
| 18 | Acheson Big Lake Water Servicing Study Update - 2020 | \$ 50,875 | | | 0.0% | 100.0% |
| 19 | Zone 4 Water Mains | \$ 4,637,453 | | | 8.0% | 92.0% |
| 20 | Zone 5 Water Mains | \$ 6,738,100 | | | 48.0% | 52.0% |
| 21 | Zone 6 Water Mains | \$ 5,358,893 | | | 4.0% | 96.0% |
| 22 | Zone 7 Water Mains | \$ 4,340,508 | | | 0.0% | 100.0% |
| 23 | Zone 8 Water Mains | \$ 3,986,685 | | | 60.0% | 40.0% |
| 24 | Zone 4 Reservoir Expansion (Adjacent to Zone 4 Reservoir) 17,270m3 & Pumphouse | \$ 16,635,000 | | | 100.0% | 0.0% |
| 25 | New PRVs (x9) | \$ 1,546,875 | | | 48.0% | 52.0% |
| 26 | Acheson Big Lake Water Servicing Study Update - 2025 | \$ 50,875 | | | 20.0% | 80.0% |
| 27 | Acheson Big Lake Water Servicing Study Update - 2030 | \$ 50,875 | | | 40.0% | 60.0% |
| 28 | Acheson Big Lake Water Servicing Study Update - 2035 | \$ 50,875 | | | 60.0% | 40.0% |
| 29 | Acheson Big Lake Water Servicing Study Update - 2040 | \$ 50,875 | | | 80.0% | 20.0% |
| 30 | Zone 5 & 7 East-West Distribution Main | \$ 2,612,101 | | | 48.0% | 52.0% |
| 31 | Zone 6 & 8 East-West Distribution Main | \$ 2,298,560 | | | 0.0% | 100.0% |
| 32 | West Acheson South Water Distribution Mains (1501, 1502, 1112, 1113) | \$ 1,742,749 | | | 92.0% | 8.0% |
| | | \$ 134,283,466 | | | | |

^{**}Financial oversizing is determined by separating out the pro rata portion of developer cost beyond the 25-year review period, in comparison with the anticipated year of construction. In future, as the 25-year review period moves further out these additional developer costs will gradually be included in future rate calculations.

B5. Existing Receipts & Adjusted Levy Cost

Using the offsite levy share percentages shown in the previous section and applying those percentages to project costs results in an offsite levy cost of approximately **\$64.51 million**. However, prior to allocating these costs to benefiting areas, existing offsite levy receipts collected from developers need to be considered in determining the residual/net costs to developers. The County has collected **\$2.83 million** in water offsite levies to date. This results in an adjusted offsite levy cost of approximately **\$61.68 million**.



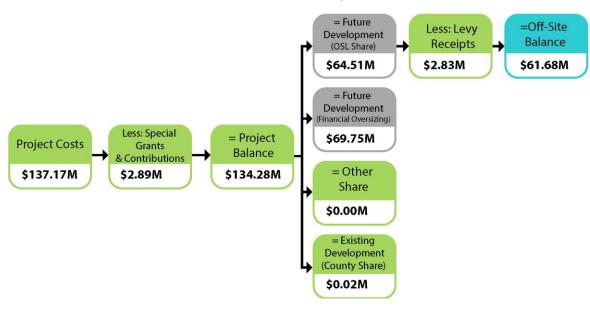
Offsite Levy Funds Collected to Date & Adjusted Levy Cost

| | | | | _ | Offsite Levy | | Offsite Levy | | Adjusted |
|------|--|----|------------------------|----|----------------|----|-----------------------|----|------------------------|
| Item | Project Description | os | L / Developer | | unds Collected | | unds Collected | De | veloper (Levy) |
| | , , | | Cost | U | nder Old Bylaw | 8 | Starting Jan 1, | | Cost |
| - 1 | Zone 4 Reservoir Expansion (9000m3) | \$ | 6.531,250 | ¢ | #52-2003 | \$ | 2013 79.341 | \$ | 6,451,909 |
| 2 | Zone 3 Pump Upgrade | \$ | 6,531,250 | \$ | - | \$ | 79,341 405 | | (405) |
| 3 | Zone 3 Pump Upgrade Zone 3 Pump Upgrade | \$ | | \$ | | \$ | 405 | | (405) |
| 4 | Zone 3 New West Acheson Park Reservoir 9000m3 & Pumphouse | \$ | 2,686,846 | \$ | 1,063,780.82 | \$ | 18.474 | | 1,604,591 |
| 5 | Zone 3 West Acheson Park Reservoir Expansion 15.000m3 | \$ | 480,000 | | 1,003,700.02 | \$ | 279.361 | \$ | 200.639 |
| 6 | Zone 1 Water Mains (Near future, long term, and ultimate) | \$ | 3,244,332 | | 123,287.03 | \$ | 98,793 | | 3,022,252 |
| 7 | Zone 2 Water Mains (Near future, long term, and ultimate) Zone 2 Water Mains (Near future, long term, and ultimate) | \$ | 2,842,453 | | 123,207.03 | \$ | 17,634 | \$ | 2,824,819 |
| | Big Lakes East Water Mains | \$ | 6,088,765 | | - | \$ | 93,929 | \$ | 5,994,837 |
| | Big Lakes Waster Mains Big Lakes West Water Mains | \$ | 6,992,150 | | 36,223.72 | \$ | 93,929 | \$ | 6,955,926 |
| 10 | Zone 3 Water Mains | \$ | 89.872 | | 30,223.72 | \$ | | \$ | 89,872 |
| 11 | | \$ | | | | \$ | | \$ | |
| 12 | 5th Meridian - Supply Line From Regional Line 5th Meridian - Water Reservoir | \$ | 1,555,248 3,744,000 | | - | \$ | | \$ | 1,555,248 3,744,000 |
| 13 | 5th Meridian - Water Reservoir 5th Meridian (Area A) - Water Mains | \$ | 898,596 | | - | \$ | | \$ | 898.596 |
| 14 | 5th Meridian (Area B) - Water Mains 5th Meridian (Area B) - Water Mains | \$ | 1,953,120 | | - | \$ | - | \$ | 1.953.120 |
| 15 | 5th Meridian (Area C) - Water Mains 5th Meridian (Area C) - Water Mains | \$ | 3,086,352 | | - | \$ | - | \$ | 3,086,352 |
| 16 | | \$ | 409,761 | | - | \$ | | \$ | |
| 17 | Acheson Area 11 Water Mains (Near future, long term, and ultimate) | \$ | | | - 044.040 | \$ | 4744 | \$ | 409,761 |
| 18 | Old Bylaw #52-2003 (A5 - Hunter's Watermain) | \$ | 304,345 | | 211,318 | \$ | 4,714 374 | \$ | 88,313 |
| | Acheson Big Lake Water Servicing Study Update - 2020 | \$ | 50,875 | | - | | 3/4 | 1 | 50,501 |
| 19 | Zone 4 Water Mains | _ | 4,266,456 | | - | \$ | - | \$ | 4,266,456 |
| 20 | Zone 5 Water Mains | \$ | 3,503,812 | | - | \$ | - | \$ | 3,503,812 |
| 21 | Zone 6 Water Mains | \$ | 5,144,537 | | - | \$ | - | \$ | 5,144,537 |
| 22 | Zone 7 Water Mains | \$ | 4,340,508 | | - | \$ | 760,770 | \$ | 3,579,738 |
| 23 | Zone 8 Water Mains | \$ | 1,594,674 | | - | \$ | | \$ | 1,594,674 |
| 24 | Zone 4 Reservoir Expansion (Adjacent to Zone 4 Reservoir) 17,270m3 & Pumphouse | \$ | - | \$ | - | \$ | 11,054 | \$ | (11,054) |
| 25 | New PRVs (x9) | \$ | 804,375 | \$ | - | \$ | 32,858 | \$ | 771,517 |
| 26 | Acheson Big Lake Water Servicing Study Update - 2025 | \$ | 40,700 | \$ | - | \$ | 293 | \$ | 40,407 |
| 27 | Acheson Big Lake Water Servicing Study Update - 2030 | \$ | 30,525 | \$ | - | \$ | 212 | \$ | 30,313 |
| 28 | Acheson Big Lake Water Servicing Study Update - 2035 | \$ | 20,350 | | - | \$ | 131 | \$ | 20,219 |
| 29 | Acheson Big Lake Water Servicing Study Update - 2040 | \$ | 10,175 | | - | \$ | 50 | \$ | 10,125 |
| 30 | Zone 5 & 7 East-West Distribution Main | \$ | 1,358,292 | | - | \$ | 1,607 | \$ | 1,356,685 |
| 31 | Zone 6 & 8 East-West Distribution Main | \$ | 2,298,560 | | - | \$ | | \$ | 2,298,560 |
| 32 | West Acheson South Water Distribution Mains (1501, 1502, 1112, 1113) | \$ | 139,420 | | - | \$ | - | \$ | 139,420 |
| | , , , , | \$ | 64,510,350 | | 1,434,610 | \$ | 1,400,406 | \$ | 61,675,334 |

B6. Summary of Water Offsite Levy Cost Flow-through

As shown in the figure below, the total cost for water infrastructure that forms the basis of the rate is approximately **\$61.68 million**. The cost allocations to each benefitting party are based on the benefitting percentages shown in Section B4. The offsite levy balance (due from developers) is allocated to various benefitting areas (as described in the next section).

Total Water Offsite Levy Costs





B7. Water Infrastructure Benefiting Areas

Net developer costs for each project have been allocated to multiple benefiting offsite levy area (see tables below). Allocations are denoted with a "1" below applicable area numbers. Benefiting areas were determined by County staff. The lands anticipated to develop over the 25-years in each offsite levy benefitting area are used to determine rates.

Benefiting Areas for Water Offsite Infrastructure

| | | | Develo | pmen | t Area | | | Devel | opmen | t Area | | | Devel | opmen | t Area | | | Devel | opmen | nt Area | | | Devel | opmer | t Area | | | Devel | opmen | t Area | | |
|------|----|-------------------|--------|-------|--------|---|-------|-------|-------|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|---------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|-------|-------|
| Item | | Developer Cost | 101.0 | 102.0 | 103.0 | | 104.0 | 104.1 | 105.0 | 105.1 | 106.0 | 107.0 | 108.0 | 109.0 | 110.0 | 111.0 | 111.1 | 201.0 | 201.1 | 202.0 | 203.0 | 204.0 | 205.0 | 206.0 | 207.0 | 208.0 | 208.1 | 301.0 | 302.0 | 302.1 | 303.0 | 304.0 |
| 1 | \$ | 6,451,909 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | \$ | (405) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | \$ | (405) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | \$ | 1,604,591 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | \$ | 200,639 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6 | \$ | 3,022,252 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | |
| 7 | \$ | 2,824,819 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | |
| 8 | \$ | 5,994,837 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | \$ | 6,955,926 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | \$ | 89,872 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 |
| 11 | \$ | 1,555,248 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | \$ | 3,744,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | \$ | 898,596 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| 16 | Ľ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | 1 | | | | | | | 1 | | 1 | | | | | | | | 1 | | | | | |
| 18 | \$ | · | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 19 | \$ | 4,266,456 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | \$ | 3,503,812 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | \$ | 5,144,537 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| 22 | \$ | 3,579,738 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| 23 | \$ | 1,594,674 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| 24 | Ĺ | , , , | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | | 771,517 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 27 | Ĺ | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 28 | Ĺ | · | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 29 | \$ | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 30 | \$ | 1,356,685 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | \$ | 2,298,560 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | \$ | 139,420 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ | 61,675,334 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | | Devel | Development Area Development Area Development Area Development Area 401.0 401.1 402.0 403.0 404.0 405.0 406.0 407.0 408.0 408.1 501.0 502.0 502.1 503.0 503.1 | | | | | | | | | | | | | | Devel | opmen | t Area | | | Devel | opmen | of Area | | | Devel | opmen | t Area | |
|------|----|------------|-------|---|-------|---|-------|-------|-------|-------|-------|-------|---|---|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|---------|-------|-------|-------|-------|--------|---|
| | Г | Developer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item | | Cost | | 401.1 | 402.0 | | 404.0 | 405.0 | 406.0 | 407.0 | 408.0 | 408.1 | | | 502.1 | 503.0 | 503.1 | 504.0 | 504.1 | 505.0 | 506.0 | 507.0 | 508.0 | 601.0 | 602.0 | 603.0 | 604.0 | 605.0 | 606.0 | 607.0 | |
| 1 | \$ | 6,451,909 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | \$ | (405) | 1 | 1 | 1 | | | | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | |
| 3 | \$ | (405) | 1 | 1 | 1 | | | | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | |
| 4 | \$ | 1,604,591 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | \$ | 200,639 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6 | \$ | 3,022,252 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | \$ | 2,824,819 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | \$ | 5,994,837 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | \$ | 6,955,926 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | \$ | 89,872 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | \$ | 1,555,248 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | \$ | 3,744,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | \$ | 898,596 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | \$ | 1,953,120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | \$ | 3,086,352 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | \$ | 409,761 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | \$ | 88,313 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | \$ | 50,501 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 19 | \$ | 4,266,456 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | |
| 20 | \$ | 3,503,812 | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | |
| 21 | \$ | 5,144,537 | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 22 | \$ | 3,579,738 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | \$ | 1,594,674 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | \$ | (11,054) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | \$ | 771,517 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 26 | \$ | 40,407 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 27 | \$ | 30,313 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 28 | \$ | 20,219 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 29 | \$ | 10,125 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 30 | \$ | 1,356,685 | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | |
| 31 | \$ | 2,298,560 | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 32 | \$ | 139,420 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ | 61,675,334 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | • | | Devel | opmer | nt Area | | | Devel | opmer | t Area | | | Devel | opmen | t Area | | | Devel | opmer | nt Area | | | Devel | opmer | nt Area | | | Devel | opmen | t Area | | |
|------|---------------|-------|-------|-------|---------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|-------|-------|-------|-------|---------|-------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| la m | Developer | | 702.0 | 703.0 | | 705.0 | 700.0 | 707.0 | | | 802.0 | 803.0 | | | | | 808.0 | | 902.0 | | | 1001.0 | | | 1004.0 | | 1006.0 | | | | 1103.0 | 4404.0 |
| Item | Cost | 701.0 | 702.0 | 703.0 | 704.0 | 705.0 | 706.0 | 707.0 | 708.0 | 801.0 | 802.0 | 803.0 | 804.0 | 805.0 | 806.0 | 807.0 | 808.0 | 901.0 | 902.0 | 903.0 | 904.0 | 1001.0 | 1002.0 | 1003.0 | 1004.0 | 1005.0 | 1006.0 | 1007.0 | 1101.0 | 1102.0 | 1103.0 | 1104.0 |
| 1 | \$ 6,451,909 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | \$ (405) | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | |
| 3 | \$ (405) | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | |
| 4 | \$ 1,604,591 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | \$ 200,639 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6 | \$ 3,022,252 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | \$ 2,824,819 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | \$ 5,994,837 | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
| 9 | \$ 6,955,926 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | |
| 10 | \$ 89,872 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | \$ 1,555,248 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | \$ 3,744,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | \$ 898,596 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | \$ 1,953,120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | \$ 3,086,352 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | \$ 409,761 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 |
| 17 | \$ 88,313 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | \$ 50,501 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 19 | \$ 4,266,456 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | \$ 3,503,812 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | \$ 5,144,537 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | \$ 3,579,738 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | \$ 1,594,674 | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | |
| 24 | \$ (11,054) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | \$ 771,517 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 26 | \$ 40,407 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 27 | \$ 30,313 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 28 | \$ 20,219 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 29 | \$ 10,125 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 30 | \$ 1,356,685 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | \$ 2,298,560 | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | |
| 32 | \$ 139,420 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • | \$ 61,675,334 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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| | | Dovol | onmo | nt Area | | | Daval | lopmen | t Aras | | | Devel | onmar | t Area | | | Daval | opmer | t Araa | | | Devel | nman | t Araa | | | Devel | onman | t Araa | | | Develo | onmar | ot Area |
|------|---------------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| | Developer | - | _ | | | | | _ | | | | | _ | | | | | | | | | | | | | | | _ | | | | | | |
| Item | Cost | 1105.0 | 1106.0 | 1107.0 | 1108.0 | 1109.0 | 1110.0 | 1111.0 | 1112.0 | 1113.0 | 1201.0 | 1202.0 | 1203.0 | 1204.0 | 1205.0 | 1301.0 | 1302.0 | 1303.0 | 1304.0 | 1401.0 | 1402.0 | 1403.0 | 1404.0 | 1405.0 | 1501.0 | 1502.0 | 1600.1 | 1600.2 | 1600.3 | 1600.4 | 1600.5 | 1600.6 | 1600.7 | 1600.8 |
| 1 | \$ 6,451,909 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | \$ (405) | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 |
| 3 | \$ (405) | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 |
| 4 | \$ 1,604,591 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | \$ 200,639 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6 | \$ 3,022,252 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | \$ 2,824,819 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | |
| 8 | \$ 5.994.837 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | |
| 9 | \$ 6,955,926 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | \$ 89,872 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | |
| 12 | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | |
| 13 | \$ 898,596 | | | | | | | | | | | | 1 | | | | | | 1 | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | 1 | | | | 1 | 1 | | | 1 | | | | | | | | | | | | | | |
| 15 | \$ 3,086,352 | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | |
| 16 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 20 | \$ 3,503,812 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 26 | \$ 40,407 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 27 | \$ 30,313 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 28 | \$ 20,219 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 29 | \$ 10,125 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 30 | \$ 1,356,685 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | \$ 2,298,560 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | \$ 139,420 | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| | \$ 61,675,334 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



B8. Development and Water Infrastructure Staging Impacts

Water offsite infrastructure will be constructed in a staged fashion over the 25-year review period. County Staff have reviewed the availability of offsite levy funds to meet these construction requirements and found that offsite levy reserve funds will not be sufficient to pay for construction of water infrastructure from time to time, therefore front ending of infrastructure will be required. A front-ender is the party that constructs and pays up front for infrastructure that benefits other parties.

To compensate parties for capital they provide in front-ending offsite infrastructure construction, a **2.31%** interest allowance has been charged to the reserve when it is forecast to be in a negative balance. Further, a **2.25%** interest credit has been provided to the reserve when it is forecast to be in a positive balance. The graph and table below outline the forecast water levy reserve balances over the 25-year development period. If necessary, an interest staging adjustment has been applied to rates (slightly positive or slightly negative) to ensure that the forecast reserve balance at the end of the 25-year review period always returns to break-even (i.e., developers are not charged too much thereby providing a windfall to the County, nor are they charged too little thereby placing an unequitable burden on taxpayers).



APPENDIX C: SANITARY OFFSITE INFRASTRUCTURE

C1. Sanitary Offsite Infrastructure Costs

To support future growth, sanitary offsite infrastructure is required. The estimated cost of this infrastructure is based upon: (a) actual construction costs to the cut-off date, (b) debenture interest associated with financing, and (c) future cost estimates. Total cost is approximately **\$59.37 million** as outlined in the table below. Actual costs, infrastructure staging, and cost estimates were provided by County Engineering staff. It is important to note that these costs represent "gross" costs, of which only a portion will go to support future development during the 25-year review period. The remainder of this section outlines how the "net" costs for future development are determined.

Summary of Sanitary Offsite Infrastructure

| Item | Project Description | Cost of Completed Work | | | Debenture Interest | | timated Cost of /ork Yet to be Completed | | otal Project |
|------|--|---------------------------|-----------|----|-----------------------|----|--|----|--------------|
| 1 | 5th Meridian (Area A) Gravity Main | \$ | - | \$ | - | \$ | 964,600 | \$ | 964,600 |
| 2 | 5th Meridian (Area B) Gravity Main | \$ | - | \$ | - | \$ | 3,024,580 | \$ | 3,024,580 |
| 3 | 5th Meridian (Area C) Gravity Main | \$ | - | \$ | - | \$ | 2,512,510 | \$ | 2,512,510 |
| 4 | Parkland Business Park (Sewer Main Upsizing, etc) | \$ | _ | \$ | - | \$ | 3,566,185 | \$ | 3,566,185 |
| 5 | Parkland Industrial Estates (Sewer Main Upsizing, etc) | \$ | - | \$ | - | \$ | - | \$ | - |
| 6 | Parkland Industrial Estates (Sewer Main Upsizing, etc) | \$ | - | \$ | - | \$ | 447,933 | \$ | 447,933 |
| 7 | Acheson Road (Sewer Main Upsizing, etc) | \$ | - | \$ | - | \$ | 641,950 | \$ | 641,950 |
| 8 | Glowing Embers (Sewer Main Upsizing, etc) | \$ | _ | \$ | - | \$ | 550,000 | \$ | 550,000 |
| 9 | Residential (Meridien Avenue) Creek Crossing (Sewer Main Upsizing, | \$ | _ | \$ | - | \$ | 550,400 | \$ | 550,400 |
| _ | etc) | * | | _ | | Ť | , | * | , |
| 10 | Bevington Trunk (Hwy 16 A to Hwy 16 Parkland Industrial Estates) | \$ | 5,825,711 | \$ | | \$ | _ | \$ | 5,825,711 |
| 11 | Old Bylaw #52-2003 (A1 - Acheson Trunk) | \$ | 323,024 | | 88,816.95 | \$ | | \$ | 411,841 |
| 12 | Old Bylaw #52-2003 (A2 - Hunter's Trunk) | \$ | 202,499 | | 67,666.46 | \$ | - | \$ | 270,165 |
| 13 | Old Bylaw #52-2003 (A3 - Acheson Collection) | \$ | 359,314 | | 98,795.36 | \$ | - | \$ | 458,109 |
| 14 | Bevington Trunk (Oversizing for Acheson Zone 6) | \$ | 743,873 | | - | \$ | - | \$ | 743,873 |
| 15 | Leder Development Area (Sewer Main Upsizing, etc) | \$ | - | - | - | \$ | 849.397 | \$ | 849,397 |
| 16 | Acheson Trunk North of CN Railway (Sewer Main upsizing, etc.) | \$ | _ | \$ | | \$ | 2,225,100 | \$ | 2,225,100 |
| 17 | Zone 5 Liftstation Upgrade & Acheson Trunk Upstream of Zone 5 | \$ | _ | \$ | | \$ | 4,658,260 | \$ | 4,658,260 |
| .,, | Lifstation (Sewer Main Upsizing, etc) | Ι Ψ | | ۳ | | Ψ | 4,030,200 | Ψ | 4,030,200 |
| 18 | Acheson Trunk Extension from DS MH N267 to US MH N672 (Zone 7) | \$ | - | \$ | - | \$ | 2,308,250 | \$ | 2,308,250 |
| 19 | Acheson Zone East Upsizing (Near Future) Triggered by 3-53-26-4 | \$ | _ | \$ | _ | \$ | 672,900 | \$ | 672,900 |
| 20 | Acheson Big Lake Sanitary Servicing Study Update - 2020 | \$ | - | \$ | - | \$ | 50,875 | \$ | 50,875 |
| 21 | Acheson Big Lake Sanitary Servicing Study Update - 2025 | \$ | - | \$ | - | \$ | 50,875 | \$ | 50,875 |
| 22 | Acheson Big Lake Sanitary Servicing Study Update - 2030 | \$ | - | \$ | - | \$ | 50,875 | \$ | 50,875 |
| 23 | Acheson Big Lake Sanitary Servicing Study Update - 2035 | \$ | _ | \$ | - | \$ | 50,875 | \$ | 50,875 |
| 24 | Acheson Big Lake Sanitary Servicing Study Update - 2040 | \$ | _ | \$ | - | \$ | 50,875 | \$ | 50,875 |
| 25 | Atim Creek Gravity Trunk (West Acheson Area 11) | \$ | _ | \$ | - | \$ | 2,590,500 | \$ | 2,590,500 |
| 26 | Bevington Trunk Extension Zone 6 (Oversizing for Zone 8) | \$ | _ | \$ | - | \$ | 1,811,906 | \$ | 1,811,906 |
| 27 | Bevington Trunk Extension Zone 8 | \$ | _ | \$ | - | \$ | 951.844 | \$ | 951,844 |
| 28 | Zone 6 Liftstation #1 & Forcemain | \$ | _ | \$ | _ | \$ | 1,724,000 | \$ | 1,724,000 |
| 29 | Zone 6 Liftstation #5 & Forcemain including LS #1 Upgrades | \$ | - | \$ | - | \$ | 3,679,000 | \$ | 3,679,000 |
| 30 | Area 15 Liftstation #3 & Forcemain | \$ | - | \$ | - | \$ | 2,004,001 | \$ | 2,004,001 |
| 31 | Zone 5 Liftstation #4 & Forcemain | \$ | _ | \$ | - | \$ | 1,438,000 | \$ | 1,438,000 |
| 32 | Zone 7 Liftstation #6 & Forcemain | \$ | _ | \$ | - | \$ | 1.512.000 | \$ | 1,512,000 |
| 33 | Zone 8 Liftstation #8 & Forcemain | \$ | _ | \$ | | \$ | 1,384,000 | \$ | 1,384,000 |
| 34 | Zone 8 Liftstation #9 & Forcemain | \$ | _ | \$ | | \$ | 1,288,000 | \$ | 1,288,000 |
| 35 | Zone 8 Liftstation #10 & Forcemain | \$ | _ | \$ | - | \$ | 1,512,000 | \$ | 1,512,000 |
| 36 | Zone 6 Liftstation #11 & Forcemain | \$ | _ | \$ | | \$ | 1,512,000 | \$ | 1,512,000 |
| 37 | Zone 4 Liftstation #12 & Forcemain | \$ | | \$ | | \$ | 1,708,000 | \$ | 1,708,000 |
| 38 | Zone 4 Liftstation #13 & Forcemain | \$ | - | \$ | - | \$ | 1,561,000 | \$ | 1,561,000 |
| 39 | Zone 7 collector main (Area 701 & 702) | \$ | | \$ | | \$ | 480,000 | \$ | 480,000 |
| 40 | Zone 7 collector main (Area 706 & 705) | \$ | - | \$ | - | \$ | 320,000 | \$ | 320,000 |
| 41 | Zone 6 collector main (Area 604 & 603) | \$ | - | \$ | - | \$ | 358,750 | \$ | 358,750 |
| 42 | Zone 2 collector main (Area 205 & 204) | \$ | - | \$ | - | \$ | 169,805 | \$ | 169,805 |
| 43 | Zone 2 collector main (Area 205 & 204) | \$ | | \$ | - | \$ | 511,800 | \$ | 511,800 |
| 44 | Area 11 (Atim Road) collector main (Area 108, 1109, 1110) | \$ | _ | \$ | | \$ | 360,000 | \$ | 360,000 |
| 45 | West Big Lake collector main (Area 100, 1103, 1110) | \$ | | \$ | - | \$ | 187,500 | \$ | 187,500 |
| 46 | Area 1112/1113 (West Acheson) Liftstation #2 & Forcemain | \$ | - | \$ | - | \$ | 1,365,000 | \$ | 1,365,000 |
| | parameter (1.100 monoson) Enterangle (1.100 main | \$ | 7,454,421 | | 255,279 | \$ | 51,655,544 | \$ | 59,365,243 |

^{*}Costs are based on 2019 estimates and include engineering costs and contingencies.



A map showing the location of the sanitary offsite infrastructure is shown below.

Location of Sanitary Offsite Infrastructure

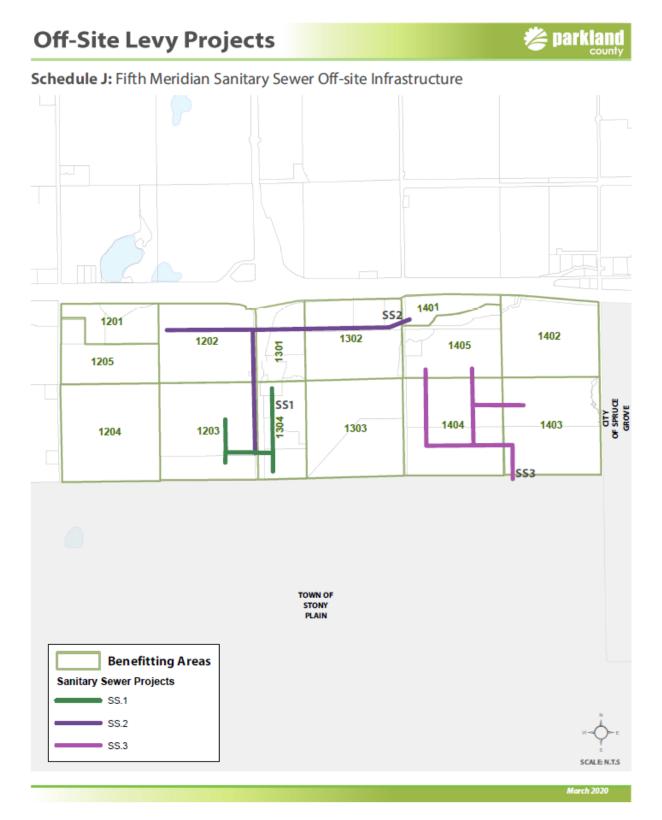
Off-Site Levy Projects



Schedule A: Acheson/Big Lake Sanitary Off-site Infrastructure









C2. Sanitary Offsite Infrastructure Grants & Contributions to Date

The MGA enables the County to allocate the costs of offsite infrastructure to future development, other than those costs that have been provided by way of special grant or contribution (i.e., contributed infrastructure). Parkland County has/will receive **\$2.95 million** in special grants and contributions for sanitary offsite levy infrastructure as shown in the table below (note, if the County receives additional grants or contributions in the future, it will be reflected in one of the annual updates and rates adjusted accordingly). The result is that the total reduced project cost is **\$56.41 million**.

Special Grants and Contributions for Sanitary Offsite Infrastructure

| Item | Project Description | | otal Project imated Cost | s | Special Grants | | Developer Agreement Contributions | | Other Contributions | | Reduced Project Estimated Cost |
|------|---|----|-----------------------------|----|----------------|----|---|----|------------------------|-----|-----------------------------------|
| 1 | 5th Meridian (Area A) Gravity Main | \$ | 964,600 | \$ | - | | | \$ | - | 9 | 964,600 |
| 2 | 5th Meridian (Area B) Gravity Main | \$ | 3,024,580 | \$ | | | | \$ | - | 9 | 3,024,580 |
| 3 | 5th Meridian (Area C) Gravity Main | \$ | 2,512,510 | \$ | | | | \$ | - | 9 | 2,512,510 |
| 4 | Parkland Business Park (Sewer Main Upsizing, etc) | \$ | 3,566,185 | \$ | - | | | \$ | - | 9 | 3,566,185 |
| 5 | Parkland Industrial Estates (Sewer Main Upsizing, etc) | \$ | - | \$ | | | | \$ | - | 9 | - |
| 6 | Parkland Industrial Estates (Sewer Main Upsizing, etc) | \$ | 447,933 | \$ | - | | | \$ | - | 9 | 447,933 |
| 7 | Acheson Road (Sewer Main Upsizing, etc) | \$ | 641,950 | \$ | - | | | \$ | - | 9 | 641,950 |
| | Glowing Embers (Sewer Main Upsizing, etc) | \$ | 550,000 | \$ | - | | | \$ | - | 9 | 550,000 |
| | Residential (Meridien Avenue) Creek Crossing (Sewer Main Upsizing, | \$ | 550,400 | \$ | - | | | \$ | - | 9 | 550,400 |
| | etc) | | · | | | | | | | Г | • |
| 10 | Bevington Trunk (Hwy 16 A to Hwy 16 Parkland Industrial Estates) | \$ | 5,825,711 | \$ | - | \$ | 2,909,771 | \$ | - | 9 | 2,915,939 |
| 11 | Old Bylaw #52-2003 (A1 - Acheson Trunk) | \$ | 411,841 | \$ | - | \$ | 17,478 | \$ | - | 9 | |
| | Old Bylaw #52-2003 (A2 - Hunter's Trunk) | \$ | 270,165 | \$ | - | Ť | , | \$ | | 9 | |
| | Old Bylaw #52-2003 (A3 - Acheson Collection) | \$ | 458,109 | \$ | - | \$ | 25.440 | \$ | - | | 432,669 |
| | Bevington Trunk (Oversizing for Acheson Zone 6) | \$ | 743,873 | \$ | - | Ÿ | 20,110 | \$ | - | | 743,873 |
| 15 | Leder Development Area (Sewer Main Upsizing, etc) | \$ | 849.397 | \$ | - | | | \$ | - | | 849,397 |
| 16 | Acheson Trunk North of CN Railway (Sewer Main upsizing, etc.) | \$ | 2,225,100 | \$ | | _ | | \$ | - | _ | 2,225,100 |
| | Zone 5 Liftstation Upgrade & Acheson Trunk Upstream of Zone 5 | \$ | 4,658,260 | \$ | _ | | | \$ | | | 4,658,260 |
| 17 | Lifstation (Sewer Main Upsizing, etc) | φ | 4,030,200 | φ | · | | | φ | • | Ľ | 4,030,200 |
| 18 | Acheson Trunk Extension from DS MH N267 to US MH N672 (Zone 7) | \$ | 2,308,250 | \$ | - | | | \$ | - | 9 | 2,308,250 |
| 19 | Acheson Zone East Upsizing (Near Future) Triggered by 3-53-26-4 | \$ | 672.900 | \$ | - | \$ | - | \$ | | 9 | 672.900 |
| 20 | Acheson Big Lake Sanitary Servicing Study Update - 2020 | \$ | 50.875 | \$ | - | \$ | - | \$ | - | 9 | 50,875 |
| 21 | Acheson Big Lake Sanitary Servicing Study Update - 2025 | \$ | 50.875 | \$ | - | \$ | - | \$ | - | 9 | 50,875 |
| | Acheson Big Lake Sanitary Servicing Study Update - 2030 | \$ | 50,875 | \$ | - | \$ | - | \$ | - | | 50,875 |
| | Acheson Big Lake Sanitary Servicing Study Update - 2035 | \$ | 50,875 | \$ | - | \$ | - | \$ | _ | | 50,875 |
| | Acheson Big Lake Sanitary Servicing Study Update - 2040 | \$ | 50,875 | \$ | - | \$ | - | \$ | - | 9 | |
| | Atim Creek Gravity Trunk (West Acheson Area 11) | \$ | 2,590,500 | \$ | - | \$ | - | \$ | - | | 2,590,500 |
| | Bevington Trunk Extension Zone 6 (Oversizing for Zone 8) | \$ | 1.811.906 | \$ | _ | \$ | | \$ | - | | 1.811.906 |
| | Bevington Trunk Extension Zone 8 | \$ | 951.844 | \$ | - | \$ | - | \$ | - | | 951.844 |
| 28 | Zone 6 Liftstation #1 & Forcemain | \$ | 1.724.000 | \$ | _ | \$ | | \$ | | | 1.724.000 |
| | Zone 6 Liftstation #1 & Forcemain including LS #1 Upgrades | \$ | 3,679,000 | \$ | - | \$ | | \$ | | | 3,679,000 |
| | Area 15 Liftstation #3 & Forcemain | \$ | 2.004.001 | \$ | - | \$ | | \$ | - | | 3,079,000 |
| 31 | Zone 5 Liftstation #4 & Forcemain | \$ | 1,438,000 | \$ | | \$ | | \$ | | | 1,438,000 |
| | Zone 7 Liftstation #4 & Forcemain | \$ | 1,512,000 | \$ | - | \$ | | \$ | | | 1,512,000 |
| 33 | Zone 8 Liftstation #8 & Forcemain | \$ | 1,384,000 | \$ | - | \$ | | \$ | | | 1,384,000 |
| 34 | Zone 8 Liftstation #9 & Forcemain | \$ | 1,384,000 | \$ | - | \$ | | \$ | | | 1,364,000 |
| | Zone 8 Liftstation #9 & Forcemain Zone 8 Liftstation #10 & Forcemain | \$ | 1,288,000 | \$ | - | \$ | - | \$ | | | 1,288,000 |
| | Zone 8 Liftstation #10 & Forcemain Zone 6 Liftstation #11 & Forcemain | \$ | 1,512,000 | \$ | - | \$ | | \$ | - | | 1,512,000 1.512,000 |
| | | | | | | | | | | | |
| 37 | Zone 4 Liftstation #12 & Forcemain | \$ | 1,708,000 | \$ | - | \$ | - | \$ | - | | 1,708,000 |
| 38 | Zone 4 Liftstation #13 & Forcemain | \$ | 1,561,000 | \$ | - | \$ | - | \$ | - | | 1,561,000 |
| 39 | Zone 7 collector main (Area 701 & 702) | \$ | 480,000 | \$ | - | \$ | <u> </u> | \$ | <u> </u> | _ | 480,000 |
| 40 | Zone 7 collector main (Area 706 & 705) | \$ | 320,000 | \$ | - | \$ | - | \$ | - | 1 | |
| 41 | Zone 6 collector main (Area 604 & 603) | \$ | 358,750 | \$ | - | \$ | - | \$ | - | | 358,750 |
| 42 | Zone 2 collector main (Area 205 & 204) | \$ | 169,805 | \$ | - | \$ | <u> </u> | \$ | - | | 169,805 |
| 43 | Zone 2 collector main (Area 205 & 206) | \$ | 511,800 | \$ | - | \$ | - | \$ | - | | 511,800 |
| | Area 11 (Atim Road) collector main (Area 108, 1109. 1110) | \$ | 360,000 | \$ | - | \$ | - | \$ | - | | 360,000 |
| | West Big Lake collector main (Area 1102 & 1101) | \$ | 187,500 | \$ | - | \$ | - | \$ | - | | 187,500 |
| 46 | Area 1112/1113 (West Acheson) Liftstation #2 & Forcemain | \$ | 1,365,000 | \$ | - | \$ | | \$ | <u> </u> | 9 | |
| | | \$ | 59,365,243 | \$ | | \$ | 2,952,690 | \$ | - | 1 9 | 56,412,554 |



C3. Sanitary Infrastructure Staging

The timing of construction is used to determine the impact of inflation on cost, the impact of forecast reserve balances, and the estimate of financial oversizing (described in Section C4). The County anticipates construction of offsite infrastructure as outlined in the table below. Note, if this schedule is adjusted in the future, it will be reflected in one of the County's annual rate/bylaw updates.

Sanitary Infrastructure Staging

| Item | Project Description | Construction Start Year |
|----------|--|----------------------------|
| 1 | 5th Meridian (Area A) Gravity Main | 2033 |
| 2 | 5th Meridian (Area B) Gravity Main | 2033 |
| 3 | 5th Meridian (Area C) Gravity Main | 2033 |
| 4 | Parkland Business Park (Sewer Main Upsizing, etc) | 2019 |
| 5 | Parkland Industrial Estates (Sewer Main Upsizing, etc) | |
| 6 | Parkland Industrial Estates (Sewer Main Upsizing, etc) | 2021 |
| 7 | Acheson Road (Sewer Main Upsizing, etc) | 2023 |
| 8 | Glowing Embers (Sewer Main Upsizing, etc) | 2018 |
| 9 | Residential (Meridien Avenue) Creek Crossing (Sewer Main Upsizing, etc) | 2024 |
| 10 | Bevington Trunk (Hwy 16 A to Hwy 16 Parkland Industrial Estates) | 2021 |
| 11 | Old Bylaw #52-2003 (A1 - Acheson Trunk) | |
| 12 | Old Bylaw #52-2003 (A2 - Hunter's Trunk) | |
| 13 | Old Bylaw #52-2003 (A3 - Acheson Collection) | |
| 14 | Bevington Trunk (Oversizing for Acheson Zone 6) | |
| 15 | Leder Development Area (Sewer Main Upsizing, etc) | 2044 |
| 16 | Acheson Trunk North of CN Railway (Sewer Main upsizing, etc.) | 2044 |
| 17 | Zone 5 Liftstation Upgrade & Acheson Trunk Upstream of Zone 5 | 2044 |
| 17 | Lifstation (Sewer Main Upsizing, etc) | 2044 |
| 18 | Acheson Trunk Extension from DS MH N267 to US MH N672 (Zone 7) | |
| 10 | Ashagan Zana Fast Undining (Near Future) Triggered by 2 52 26 4 | 2019 2022 |
| 19 20 | Acheson Zone East Upsizing (Near Future) Triggered by 3-53-26-4 | 2022 |
| 21 | Acheson Big Lake Sanitary Servicing Study Update - 2020 Acheson Big Lake Sanitary Servicing Study Update - 2025 | 2025 |
| 22 | Acheson Big Lake Sanitary Servicing Study Opdate - 2025 Acheson Big Lake Sanitary Servicing Study Update - 2030 | 2030 |
| 23 | Acheson Big Lake Sanitary Servicing Study Opdate - 2035 | 2035 |
| 24 | Acheson Big Lake Sanitary Servicing Study Update - 2039 Acheson Big Lake Sanitary Servicing Study Update - 2040 | 2040 |
| 25 | Atim Creek Gravity Trunk (West Acheson Area 11) | 2044 |
| 26 | Bevington Trunk Extension Zone 6 (Oversizing for Zone 8) | 2044 |
| 27 | Bevington Trunk Extension Zone 8 | 2044 |
| 28 | Zone 6 Liftstation #1 & Forcemain | 2021 |
| 29 | Zone 6 Liftstation #1 & Forcemain including LS #1 Upgrades | 2021 |
| | | 2044 |
| 30 31 | Area 15 Liftstation #3 & Forcemain Zone 5 Liftstation #4 & Forcemain | 2044 |
| | Zone 5 Liftstation #4 & Forcemain Zone 7 Liftstation #6 & Forcemain | 2021 |
| 32 33 | Zone 8 Liftstation #8 & Forcemain Zone 8 Liftstation #8 & Forcemain | 2040 |
| 33 | Zone 8 Liftstation #8 & Forcemain Zone 8 Liftstation #9 & Forcemain | 2044 |
| 34 35 | Zone 8 Liftstation #9 & Forcemain Zone 8 Liftstation #10 & Forcemain | 2044 |
| 35 36 | Zone 8 Liftstation #10 & Forcemain Zone 6 Liftstation #11 & Forcemain | 2044 |
| 37 | Zone 4 Liftstation #11 & Forcemain | 2026 |
| 38 | Zone 4 Liftstation #12 & Forcemain | 2022 |
| 39 | Zone 7 collector main (Area 701 & 702) | 2027 |
| 40 | Zone 7 collector main (Area 701 & 702) Zone 7 collector main (Area 706 & 705) | 2034 |
| 41 | Zone 6 collector main (Area 604 & 603) | 2022 |
| 42 | Zone 2 collector main (Area 205 & 204) | 2022 |
| 43 | Zone 2 collector main (Area 205 & 204) Zone 2 collector main (Area 205 & 206) | 2022 |
| 43 | Area 11 (Atim Road) collector main (Area 108, 1109, 1110) | 2044 |
| 45 | West Big Lake collector main (Area 100, 1109, 1110) | 2031 |
| 45 46 | Area 1112/1113 (West Acheson) Liftstation #2 & Forcemain | 2044 |
| 40 | Area 1112/1115 (West Acheson) Littstation #2 & Forcemain | 2044 |

^{*}The share of projects constructed beyond the 25-year review period are not included in rates today (see financial oversizing in next section).

^{**}Project costs were inflated by 2% per annum for the first 3 years, and 3% per annum thereafter to the year of construction.

^{***}A blank year (if any) represents a project which has been combined with another project, costs have been removed from the model, or project has been completed.



C4. Sanitary Offsite Infrastructure Benefiting Parties

The sanitary offsite infrastructure previously outlined will benefit various parties to varying degrees as determined by the County's staff. Four potential benefiting parties were identified including:

- Parkland County a portion of the sanitary infrastructure which is required to service existing residents/businesses.
- Other Stakeholders other parties (such as neighboring municipalities) that benefit from the infrastructure.
- Parkland County Future Development (Financial Oversizing) that portion of cost which benefits future development beyond the 25-year review period.
- Parkland County Future Development (In Rates) all growth-related infrastructure (i.e., levyable sanitary infrastructure costs) during the 25-year rate planning period.
- The table below outlines the allocation of sanitary offsite levy infrastructure costs to benefiting parties. Project allocations were determined by County staff.

Allocation of Sanitary Infrastructure to Benefiting Parties

| Item | Project Description | Reduced Project Estimated Cost | Muni Share % | Other Stakeholder Share | Developer Share Beyond 25 Yrs (Financial Oversizing %) | OSL / Developer Share % |
|------|--|-----------------------------------|--------------|----------------------------|---|----------------------------|
| 1 | 5th Meridian (Area A) Gravity Main | \$ 964,600 | | | 52.0% | 48.0% |
| 2 | 5th Meridian (Area B) Gravity Main | \$ 3,024,580 | | | 52.0% | 48.0% |
| 3 | 5th Meridian (Area C) Gravity Main | \$ 2,512,510 | | | 52.0% | 48.0% |
| 4 | Parkland Business Park (Sewer Main Upsizing, etc) | \$ 3,566,185 | | | 0.0% | 100.0% |
| 5 | Parkland Industrial Estates (Sewer Main Upsizing, etc) | \$ - | | | 0.0% | 100.0% |
| 6 | Parkland Industrial Estates (Sewer Main Upsizing, etc) | \$ 447,933 | | | 4.0% | 96.0% |
| 7 | Acheson Road (Sewer Main Upsizing, etc) | \$ 641,950 | | | 12.0% | 88.0% |
| 8 | Glowing Embers (Sewer Main Upsizing, etc) | \$ 550,000 | | | 0.0% | 100.0% |
| 9 | Residential (Meridien Avenue) Creek Crossing (Sewer Main Upsizing, etc) | \$ 550,400 | | | 16.0% | 84.0% |
| 10 | Bevington Trunk (Hwy 16 A to Hwy 16 Parkland Industrial Estates) | \$ 2,915,939 | | | 0.0% | 100.0% |
| 11 | Old Bylaw #52-2003 (A1 - Acheson Trunk) | \$ 394,363 | 2.8% | | 0.0% | 97.2% |
| 12 | Old Bylaw #52-2003 (A2 - Hunter's Trunk) | \$ 270,165 | 8.7% | | 0.0% | 91.3% |
| 13 | Old Bylaw #52-2003 (A3 - Acheson Collection) | \$ 432,669 | 8.0% | | 0.0% | 92.0% |
| 14 | Bevington Trunk (Oversizing for Acheson Zone 6) | \$ 743,873 | | | 0.0% | 100.0% |
| 15 | Leder Development Area (Sewer Main Upsizing, etc) | \$ 849,397 | | | 96.0% | 4.0% |
| 16 | Acheson Trunk North of CN Railway (Sewer Main upsizing, etc.) | \$ 2,225,100 | | | 96.0% | 4.0% |
| 17 | Zone 5 Liftstation Upgrade & Acheson Trunk Upstream of Zone 5 Lifstation (Sewer Main Upsizing, etc) | \$ 4,658,260 | | | 96.0% | 4.0% |
| 18 | Acheson Trunk Extension from DS MH N267 to US MH N672 (Zone 7) | \$ 2,308,250 | | | 0.0% | 100.0% |
| 19 | Acheson Zone East Upsizing (Near Future) Triggered by 3-53-26-4 | \$ 672,900 | | | 8.0% | 92.0% |
| 20 | Acheson Big Lake Sanitary Servicing Study Update - 2020 | \$ 50,875 | | | 0.0% | 100.0% |
| 21 | Acheson Big Lake Sanitary Servicing Study Update - 2025 | \$ 50,875 | | | 20.0% | 80.0% |
| 22 | Acheson Big Lake Sanitary Servicing Study Update - 2030 | \$ 50,875 | | | 40.0% | 60.0% |
| 23 | Acheson Big Lake Sanitary Servicing Study Update - 2035 | \$ 50,875 | | | 60.0% | 40.0% |
| 24 | Acheson Big Lake Sanitary Servicing Study Update - 2040 | \$ 50,875 | | | 80.0% | 20.0% |
| 25 | Atim Creek Gravity Trunk (West Acheson Area 11) | \$ 2,590,500 | | | 96.0% | 4.0% |
| 26 | Bevington Trunk Extension Zone 6 (Oversizing for Zone 8) | \$ 1,811,906 | | | 96.0% | 4.0% |
| 27 | Bevington Trunk Extension Zone 8 | \$ 951.844 | | | 96.0% | 4.0% |
| 28 | Zone 6 Liftstation #1 & Forcemain | \$ 1,724,000 | | | 4.0% | 96.0% |
| 29 | Zone 6 Liftstation #5 & Forcemain including LS #1 Upgrades | \$ 3,679,000 | | | 4.0% | 96.0% |
| 30 | Area 15 Liftstation #3 & Forcemain | \$ 2,004,001 | | | 96.0% | 4.0% |
| 31 | Zone 5 Liftstation #4 & Forcemain | \$ 1,438,000 | | | 4.0% | 96.0% |
| 32 | Zone 7 Liftstation #6 & Forcemain | \$ 1,512,000 | | | 80.0% | 20.0% |
| 33 | Zone 8 Liftstation #8 & Forcemain | \$ 1,384,000 | | | 96.0% | 4.0% |
| 34 | Zone 8 Liftstation #9 & Forcemain | \$ 1,288,000 | | | 96.0% | 4.0% |
| 35 | Zone 8 Liftstation #10 & Forcemain | \$ 1,512,000 | | | 96.0% | 4.0% |
| 36 | Zone 6 Liftstation #11 & Forcemain | \$ 1,512,000 | | | 96.0% | 4.0% |
| 37 | Zone 4 Liftstation #12 & Forcemain | \$ 1,708,000 | | | 24.0% | 76.0% |
| 38 | Zone 4 Liftstation #12 & Forcemain | \$ 1,561,000 | | | 8.0% | 92.0% |
| 39 | Zone 7 collector main (Area 701 & 702) | \$ 480,000 | | | 68.0% | 32.0% |
| 40 | Zone 7 collector main (Area 701 & 702) Zone 7 collector main (Area 706 & 705) | \$ 320,000 | | | 56.0% | 44.0% |
| 41 | Zone 6 collector main (Area 604 & 603) | \$ 358,750 | | | 8.0% | 92.0% |
| 42 | Zone 2 collector main (Area 205 & 204) | \$ 169,805 | | | 8.0% | 92.0% |
| 43 | Zone 2 collector main (Area 205 & 204) Zone 2 collector main (Area 205 & 206) | \$ 511,800 | | | 4.0% | 96.0% |
| 44 | Area 11 (Atim Road) collector main (Area 108, 1109, 1110) | \$ 360,000 | | | 96.0% | 4.0% |
| 45 | West Big Lake collector main (Area 1102 & 1101) | \$ 187,500 | | | 44.0% | 56.0% |
| 46 | Area 1112/1113 (West Acheson) Liftstation #2 & Forcemain | \$ 1,365,000 | | | 96.0% | 4.0% |
| 40 | nica 1112/1113 (West Acheson) Linstation #2 α Forcemain | \$ 56,412,554 | | | 90.076 | 4.070 |

^{**}Financial oversizing is determined by separating out the pro rata portion of developer cost beyond the 25-year review period, in comparison with the anticipated year of construction. In future, as the 25-year review period moves further out these additional developer costs will gradually be included in future rate calculations.



C5. Existing Receipts & Adjusted Levy Cost

Using the offsite levy share percentages shown in the previous section and applying those percentages to project costs results in an offsite levy cost of approximately **\$28.34 million**. However, prior to allocating these costs to benefiting areas, existing offsite levy receipts collected from developers need to be considered in determining the residual/net costs to developers. The County has collected **\$1.30 million** in sanitary offsite levies to date. This results in an adjusted offsite levy cost of approximately **\$27.04 million**.

Offsite Levy Funds Collected to Date & Adjusted Levy Cost

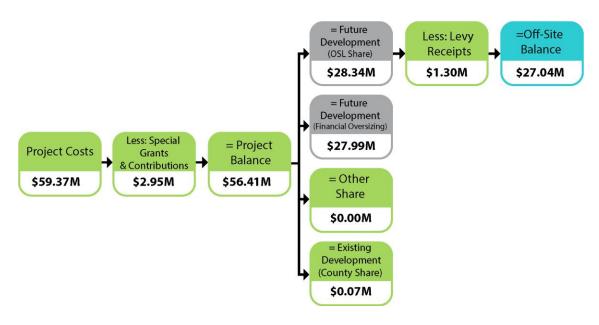
| Item | Project Description 5th Meridian (Area A) Gravity Main | os s | L / Developer Cost | U | Offsite Levy Funds Collected Inder Old Bylaw #52-2003 | Fu | Offsite Levy ands Collected starting Jan 1, 2013 | Dev | Adjusted reloper (Levy) Cost |
|------|--|---------|-----------------------|----|--|----|---|-----|------------------------------------|
| 2 | 5th Meridian (Area B) Gravity Main | \$ | 1,451,798 | | | \$ | | \$ | 1,451,798 |
| 3 | 5th Meridian (Area C) Gravity Main | \$ | 1,451,798 | | | \$ | | \$ | 1,206,005 |
| 4 | Parkland Business Park (Sewer Main Upsizing, etc) | \$ | 3,566,185 | | | \$ | 107.411 | \$ | 3,458,774 |
| 5 | Parkland Industrial Estates (Sewer Main Upsizing, etc) | \$ | 3,300,103 | \$ | | \$ | 107,411 | \$ | 3,430,774 |
| 6 | Parkland Industrial Estates (Sewer Main Opsizing, etc) | \$ | 430.016 | | | \$ | 64.718 | \$ | 365,298 |
| 7 | Acheson Road (Sewer Main Upsizing, etc) | \$ | 564,916 | | | \$ | 04,710 | \$ | 564,916 |
| 8 | Glowing Embers (Sewer Main Upsizing, etc) | \$ | 550,000 | | | \$ | 339,640 | \$ | 210,360 |
| 9 | Residential (Meridien Avenue) Creek Crossing (Sewer Main Upsizing, | \$ | 462,336 | \$ | | \$ | 339,040 | \$ | 462,336 |
| | etc) | Ť | | Ť | | Ť | - | Ť | · |
| 10 | Bevington Trunk (Hwy 16 A to Hwy 16 Parkland Industrial Estates) | \$ | 2,915,939 | | | \$ | - | \$ | 2,915,939 |
| 11 | Old Bylaw #52-2003 (A1 - Acheson Trunk) | \$ | 383,447 | | | \$ | 76,267 | \$ | 103,894 |
| 12 | Old Bylaw #52-2003 (A2 - Hunter's Trunk) | \$ | 246,661 | | | \$ | 12,873 | \$ | 123,737 |
| 13 | Old Bylaw #52-2003 (A3 - Acheson Collection) | \$ | 398,268 | | | \$ | 83,352 | \$ | 86,192 |
| 14 | Bevington Trunk (Oversizing for Acheson Zone 6) | \$ | 743,873 | | | \$ | - | \$ | 743,873 |
| 15 | Leder Development Area (Sewer Main Upsizing, etc) | \$ | 33,976 | | | \$ | - | \$ | 33,976 |
| 16 | Acheson Trunk North of CN Railway (Sewer Main upsizing, etc.) | \$ | 89,004 | | | \$ | 72,900 | \$ | 16,104 |
| 17 | Zone 5 Liftstation Upgrade & Acheson Trunk Upstream of Zone 5 Lifstation (Sewer Main Upsizing, etc) | \$ | 186,330 | \$ | - | \$ | - | \$ | 186,330 |
| 18 | Acheson Trunk Extension from DS MH N267 to US MH N672 (Zone 7) | \$ | 2,308,250 | \$ | - | \$ | 5,916 | \$ | 2,302,334 |
| 19 | Acheson Zone East Upsizing (Near Future) Triggered by 3-53-26-4 | \$ | 619,068 | \$ | - | \$ | - | \$ | 619,068 |
| 20 | Acheson Big Lake Sanitary Servicing Study Update - 2020 | \$ | 50,875 | | | \$ | 668 | \$ | 50,207 |
| 21 | Acheson Big Lake Sanitary Servicing Study Update - 2025 | \$ | 40,700 | | | \$ | 524 | \$ | 40,176 |
| 22 | Acheson Big Lake Sanitary Servicing Study Update - 2030 | \$ | 30,525 | | | \$ | 380 | \$ | 30,145 |
| 23 | Acheson Big Lake Sanitary Servicing Study Update - 2035 | \$ | 20,350 | | | \$ | 237 | \$ | 20,113 |
| 24 | Acheson Big Lake Sanitary Servicing Study Update - 2040 | \$ | 10,175 | | | \$ | 93 | \$ | 10,082 |
| 25 | Atim Creek Gravity Trunk (West Acheson Area 11) | \$ | 103,620 | | | \$ | - | \$ | 103,620 |
| 26 | Bevington Trunk Extension Zone 6 (Oversizing for Zone 8) | \$ | 72,476 | | - | \$ | - | \$ | 72,476 |
| 27 | Bevington Trunk Extension Zone 8 | \$ | 38,074 | | | \$ | - | \$ | 38.074 |
| 28 | Zone 6 Liftstation #1 & Forcemain | \$ | 1,655,040 | | - | \$ | - | \$ | 1,655,040 |
| 29 | Zone 6 Liftstation #5 & Forcemain including LS #1 Upgrades | \$ | 3,531,840 | \$ | - | \$ | - | \$ | 3,531,840 |
| 30 | Area 15 Liftstation #3 & Forcemain | \$ | 80,160 | \$ | - | \$ | - | \$ | 80,160 |
| 31 | Zone 5 Liftstation #4 & Forcemain | \$ | 1,380,480 | \$ | - | \$ | - | \$ | 1,380,480 |
| 32 | Zone 7 Liftstation #6 & Forcemain | \$ | 302,400 | \$ | - | \$ | - | \$ | 302,400 |
| 33 | Zone 8 Liftstation #8 & Forcemain | \$ | 55,360 | \$ | - | \$ | - | \$ | 55,360 |
| 34 | Zone 8 Liftstation #9 & Forcemain | \$ | 51,520 | \$ | - | \$ | - | \$ | 51,520 |
| 35 | Zone 8 Liftstation #10 & Forcemain | \$ | 60,480 | | | \$ | - | \$ | 60,480 |
| 36 | Zone 6 Liftstation #11 & Forcemain | \$ | 60,480 | \$ | - | \$ | - | \$ | 60,480 |
| 37 | Zone 4 Liftstation #12 & Forcemain | \$ | 1,298,080 | \$ | - | \$ | - | \$ | 1,298,080 |
| 38 | Zone 4 Liftstation #13 & Forcemain | \$ | 1,436,120 | | - | \$ | - | \$ | 1,436,120 |
| 39 | Zone 7 collector main (Area 701 & 702) | \$ | 153,600 | | - | \$ | - | \$ | 153,600 |
| 40 | Zone 7 collector main (Area 706 & 705) | \$ | 140,800 | \$ | - | \$ | - | \$ | 140,800 |
| 41 | Zone 6 collector main (Area 604 & 603) | \$ | 330,050 | | | \$ | - | \$ | 330,050 |
| 42 | Zone 2 collector main (Area 205 & 204) | \$ | 156,221 | | - | \$ | - | \$ | 156,221 |
| 43 | Zone 2 collector main (Area 205 & 206) | \$ | 491,328 | | | \$ | - | \$ | 491,328 |
| 44 | Area 11 (Atim Road) collector main (Area 108, 1109, 1110) | \$ | 14,400 | \$ | - | \$ | - | \$ | 14,400 |
| 45 | West Big Lake collector main (Area 1102 & 1101) | \$ | 105,000 | \$ | - | \$ | - | \$ | 105,000 |
| 46 | Area 1112/1113 (West Acheson) Liftstation #2 & Forcemain | \$ | 54,600 | \$ | - | \$ | - | \$ | 54,600 |
| | <u> </u> | \$ | 28,343,833 | \$ | 542,061 | \$ | 764,978 | \$ | 27,036,794 |



C6. Summary of Sanitary Offsite Levy Cost Flow-through

As shown in the figure below, the total costs for sanitary infrastructure that forms the basis of the rate is approximately **\$27.04 million**. The cost allocations to each benefitting party are based on the benefitting percentages shown in Section C4. The offsite levy balance (due from developers) is allocated to various benefitting areas (as described in the next section).

Total Sanitary Offsite Levy Costs





C7. Sanitary Infrastructure Benefiting Areas

Net developer costs for each project have been allocated to multiple benefiting offsite levy area (see tables below). Allocations are denoted with a "1" below applicable area numbers. Benefiting areas were determined by County staff. The lands anticipated to develop over the 25-years in each offsite levy benefitting area are used to determine rates.

Benefiting Areas for Sanitary Offsite Infrastructure

| Item | Developer Cost | 101.0 | 102.0 | 103.0 | 103.1 | 104.0 | 104.1 | 105.0 | 105.1 | 106.0 | 107.0 | 108.0 | 109.0 | 110.0 | 111.0 | 111.1 | 201.0 | 201.1 | 202.0 | 203.0 | 204.0 | 205.0 | 206.0 | 207.0 | 208.0 | 208.1 | 301.0 | 302.0 | 302.1 | 303.0 | 304.0 |
|------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | \$ 463,008 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 1,451,798 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 1,206,005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 3,458,774 | - | | 1 | 1 | 1 | 1 | | 1 | | - | | | | | | 1 | 1 | | | | _ | | | 1 | 1 | | | | | |
| | \$ 3,436,774 | _ | | - | _ | | _ | | - | | _ | | | | | | | _ | | | | _ | | | 1 | 1 | | | | _ | |
| 6 | | _ | | | | | | 1 | | 1 | _ | | | 1 | 1 | | | | | | | | | | | · | | | | | |
| | \$ 564.916 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | \$ 210,360 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 462,336 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | \$ 2,915,939 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 11 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | 1 | | | - | | | | 1 | 1 | | | 1 | | |
| | \$ 123,737 | | _ | • | 1 | | _ | • | 1 | _ | | | | - | | 1 | | 1 | | | | | | | • | 1 | | | _ | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| | \$ 743,873 | | | | | | | | | | | | | | | | | | | | | | | | | | | | • | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 16,104 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 |
| 17 | \$ 186,330 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | \$ 2,302,334 | | | | | | | | | | _ | | | | | | | | | | | | | | | | | | | | |
| | \$ 619,068 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 50.207 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 40,176 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 30.145 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 20,113 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 10,082 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 103,620 | H- | • | | | | | | | | H- | 1 | | | | | | | | | | | | | | | • | | _ | _ | • |
| | \$ 72,476 | | | | | | | | | | | _ | | | | | | | | | | | | | | | | | | | |
| | \$ 38,074 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 1,655,040 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 3,531,840 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 80,160 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 1,380,480 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 302,400 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 55,360 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 51,520 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | \$ 60,480 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 60,480 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | \$ 1,298,080 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 1,436,120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 153,600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 140,800 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 330,050 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 156,221 | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | |
| | \$ 491,328 | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| | \$ 14,400 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| | \$ 105,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 54,600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 27,036,794 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| 1 S 2 S 3 S 4 S 5 S 5 S 5 S 5 S 5 S 5 S 5 S 5 S 5 | Cost 483,008 1,451,798 1,206,005 3,458,774 3,458,774 3,458,774 3,458,774 3,458,774 3,458,774 3,458,737 3,737 86,192 743,873 33,976 16,104 186,330 2,302,334 619,088 50,207 40,176 30,145 | 1 | 1 | 1 1 1 | 1 | 1 | 1 | 1 | 407.0 | 1 | 1 | 1 | 1 | 1 | 503.0 | 503.1 | 1 | 1 | 505.0 | 500.0 | 507.0 | 500.0 | 601.0 | 602.0 | 003.0 | 604.0 | 605.0 | 606.0 | 607.0 | 608.0 |
|--|---|---|---|-------|---|---|----------|---|----------|---|---|----------|---|---|-------|-------|---|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|-------|
| 2 \$ \$ 3 \$ \$ 4 \$ 5 \$ 5 \$ \$ 6 \$ \$ 6 \$ \$ 7 \$ \$ 8 \$ \$ 7 \$ \$ 8 \$ 9 \$ \$ 9 \$ \$ 9 \$ \$ 10 \$ \$ 11 \$ \$ 12 \$ \$ 13 \$ \$ 14 \$ \$ 15 \$ \$ 16 \$ \$ 17 \$ \$ 18 \$ \$ 19 \$ 20 \$ 21 \$ \$ 22 \$ \$ 23 \$ 5 24 \$ 25 \$ 27 \$ \$ 28 \$ 5 29 \$ 30 \$ 33 \$ 33 \$ \$ 33 \$ \$ 34 \$ \$ \$ 34 \$ \$ \$ \$ | 1,451,798 1,206,005 3,458,774 365,298 564,916 210,360 462,360 2,915,339 103,894 123,737 86,192 743,873 33,976 16,104 186,330 2,302,334 619,068 50,207 40,176 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | | | | | | | | | | | |
| 3 \$ 4 4 \$ 5 5 \$ 6 6 \$ 7 7 \$ 8 8 \$ 9 \$ 10 \$ 11 1 \$ 5 12 \$ 13 \$ 5 14 \$ 5 16 \$ 5 17 \$ 5 16 \$ 5 17 \$ 5 19 \$ 5 20 \$ 5 20 \$ 5 21 \$ 5 22 \$ 5 28 \$ 5 29 \$ 30 \$ 33 \$ 5 33 \$ 5 34 \$ 5 14 \$ 5 15 \$ | 1,206,005 3,458,774 365,298 564,916 210,360 462,336 103,894 123,737 86,192 743,873 33,976 16,104 186,330 2,915,939 104,894 123,737 44,873 46,192 47,902 47,9 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | | | | | | | | | | | |
| 4 \$ \$ 5 \$ 5 \$ 6 \$ \$ 5 \$ 6 \$ \$ \$ 7 \$ \$ 8 \$ 8 \$ 9 \$ \$ 10 \$ \$ 11 \$ \$ 12 \$ \$ \$ 13 \$ \$ 14 \$ \$ 15 \$ \$ 16 \$ \$ 17 \$ \$ 18 \$ \$ 19 \$ \$ 20 \$ \$ 21 \$ \$ 22 \$ \$ 23 \$ \$ 24 \$ \$ 25 \$ \$ 27 \$ \$ 28 \$ \$ 27 \$ \$ 28 \$ \$ 29 \$ \$ 30 \$ \$ 33 \$ \$ 32 \$ \$ 33 \$ \$ 34 \$ \$ \$ | 3,458,774 365,298 564,916 210,360 462,336 402,336 2,915,939 103,894 123,737 86,192 743,873 33,976 16,104 186,330 2,302,334 619,068 50,207 40,176 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | | | | | | | | | | | |
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| 7 \$ 8 \$ 9 \$ 9 \$ 9 \$ 10 \$ 11 \$ 12 \$ 13 \$ 14 \$ 15 \$ 16 \$ 17 \$ 18 \$ 19 \$ 20 \$ 21 \$ 22 \$ 23 \$ 22 \$ 23 \$ 24 \$ 25 \$ 26 \$ 27 \$ 28 \$ 29 \$ 30 \$ 33 \$ 33 \$ 34 \$ 34 \$ \$ 5 | 564,916 210,360 462,336 2,915,939 103,894 123,737 86,192 743,873 33,976 16,104 186,330 2,302,334 619,068 50,207 40,176 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | | | | | | | | | | | |
| 8 \$ 9 \$ 10 \$ 11 \$ 11 \$ 12 \$ \$ 13 \$ \$ 14 \$ \$ 15 \$ \$ 14 \$ \$ 15 \$ \$ 14 \$ \$ 15 \$ \$ 17 \$ \$ 18 \$ \$ 19 \$ \$ 20 \$ \$ 21 \$ \$ 22 \$ \$ 23 \$ \$ 24 \$ \$ 25 \$ \$ 26 \$ \$ 27 \$ 28 \$ 30 \$ \$ 33 \$ \$ 33 \$ \$ 34 \$ \$ \$ 34 \$ \$ \$ 34 \$ \$ \$ \$ | 210,360 462,336 2,915,939 103,894 123,737 86,192 743,873 33,976 16,104 186,330 2,302,334 619,068 50,207 40,176 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | | | | | | | | | | | |
| 9 \$ 10 \$ 11 \$ 11 \$ 12 \$ 13 \$ 14 \$ 15 \$ 16 \$ 17 \$ 18 \$ 19 \$ 20 \$ 21 \$ 22 \$ 23 \$ 24 \$ 25 \$ 27 \$ 28 \$ 27 \$ 28 \$ 27 \$ 30 \$ 31 \$ 32 \$ 33 \$ 34 \$ | 2,915,939 103,894 123,737 86,192 743,873 33,976 16,104 186,330 2,302,334 619,068 619,069 50,207 40,176 | 1 1 1 1 | 1 1 1 1 1 | | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | | | | | | | | | | | | |
| 10 \$ 111 \$ 12 \$ 13 \$ 14 \$ 15 \$ 16 \$ \$ 17 \$ \$ 16 \$ \$ 17 \$ \$ 18 \$ 19 \$ 20 \$ \$ 21 \$ 5 22 \$ 23 \$ 22 \$ 23 \$ 22 \$ 23 \$ 22 \$ 23 \$ 22 \$ 23 \$ 22 \$ 23 \$ 22 \$ 23 \$ 22 \$ 23 \$ 22 \$ 23 \$ 22 \$ 23 \$ 22 \$ 23 \$ 22 \$ 24 \$ 25 \$ 26 \$ 27 \$ 28 \$ 29 \$ 29 \$ 30 \$ 23 \$ 33 \$ 2 \$ 33 \$ 2 \$ 33 \$ 2 \$ 33 \$ 2 \$ 33 \$ 2 \$ 33 \$ 2 \$ 33 \$ 2 \$ 33 \$ 2 \$ 33 \$ 3 \$ | 2,915,939 103,894 123,737 86,192 743,873 33,976 16,104 186,330 2,302,334 619,068 50,207 40,176 | 1 1 1 1 | 1 1 1 1 1 | | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | |
| 11 \$ 12 \$ 13 \$ 14 \$ 15 \$ 16 \$ 17 \$ 18 \$ 16 \$ 17 \$ 19 \$ 20 \$ 21 \$ 22 \$ 23 \$ 22 \$ 23 \$ 24 \$ 25 \$ 26 \$ 30 \$ 31 \$ 32 \$ 33 \$ 34 \$ 34 \$ 34 \$ 18 \$ 19 \$ 10 \$ 10 \$ 10 \$ 10 \$ 10 \$ 10 \$ 10 | 103,894 123,737 86,192 743,873 33,976 16,104 186,330 2,302,334 619,068 50,207 40,176 | 1 1 1 1 | 1 1 1 1 1 | | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | - |
| 11 \$ 12 \$ 13 \$ 14 \$ 15 \$ 16 \$ 17 \$ 18 \$ 16 \$ 17 \$ 19 \$ 20 \$ 21 \$ 22 \$ 23 \$ 22 \$ 23 \$ 24 \$ 25 \$ 26 \$ 30 \$ 31 \$ 32 \$ 33 \$ 34 \$ 34 \$ 34 \$ 18 \$ 19 \$ 10 \$ 10 \$ 10 \$ 10 \$ 10 \$ 10 \$ 10 | 103,894 123,737 86,192 743,873 33,976 16,104 186,330 2,302,334 619,068 50,207 40,176 | 1 1 1 1 | 1 1 1 1 1 | | | | | | | 1 | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | |
| 12 \$ 13 \$ 14 \$ 15 \$ 17 \$ 18 \$ 19 \$ 20 \$ 21 \$ 22 \$ 22 \$ 22 \$ 25 \$ 24 \$ 25 \$ 29 \$ 30 \$ 24 \$ 33 \$ 32 \$ 33 \$ \$ 34 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 123,737 86,192 743,873 33,976 16,104 186,330 2,302,334 619,068 50,207 40,176 | 1 1 1 1 | 1 1 1 1 1 | | | | | | | | | | Ė | | | 1 | 1 | 1 | | | | | | | | | | | | |
| 13 \$ 14 \$ 5 15 \$ 16 \$ 17 \$ 18 \$ 19 \$ 5 20 \$ 21 \$ 22 \$ 23 \$ 5 24 \$ 5 25 \$ 26 \$ 5 27 \$ 28 \$ 5 29 \$ 30 \$ 33 \$ 32 \$ 33 \$ 5 34 \$ 5 | 86,192 743,873 33,976 16,104 186,330 2,302,334 619,068 50,207 40,176 | 1 1 | 1 1 1 | | | | | | | | 1 | | | | | | _ | | | | | | | | | | | | - | - |
| 14 \$ 15 \$ 16 \$ \$ 17 \$ \$ 18 \$ 19 \$ 20 \$ 21 \$ 22 \$ 23 \$ 24 \$ 26 \$ 27 \$ 28 \$ 29 \$ 30 \$ 33 \$ 33 \$ \$ 34 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 743,873 33,976 16,104 186,330 2,302,334 619,068 50,207 40,176 | 1 1 | 1 1 1 | | | | | | | | | | | 1 | | 1 | | 1 | | | | | | | | | | | | |
| 15 \$ \$ 16 \$ \$ 17 \$ \$ 18 \$ \$ 20 \$ \$ 21 \$ \$ 22 \$ \$ 23 \$ \$ 24 \$ \$ 25 \$ \$ 26 \$ \$ 27 \$ \$ 29 \$ \$ 30 \$ \$ 31 \$ \$ 32 \$ \$ 33 \$ \$ 34 \$ \$ | 33,976 16,104 186,330 2,302,334 619,068 50,207 40,176 | 1 1 | 1 1 | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | 1 |
| 16 \$ 17 \$ 18 \$ 19 \$ 20 \$ 20 \$ 21 \$ 22 \$ 22 \$ 23 \$ 24 \$ 25 \$ 26 \$ 27 \$ 28 \$ 29 \$ 30 \$ 33 \$ 33 \$ 34 \$ 34 \$ \$ | 16,104 186,330 2,302,334 619,068 50,207 40,176 | 1 1 | 1 1 | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 17 \$ 18 \$ 19 \$ 20 \$ 21 \$ 22 \$ 23 \$ 24 \$ 25 \$ 26 \$ 27 \$ 28 \$ 30 \$ 31 \$ 32 \$ 33 \$ | 186,330 2,302,334 619,068 50,207 40,176 | 1 1 | 1 1 | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | |
| 18 \$ 20 \$ 21 \$ 22 \$ 23 \$ 24 \$ 25 \$ 28 \$ 29 \$ 30 \$ 31 \$ 32 \$ 33 \$ 34 \$ \$ | 2,302,334 619,068 50,207 40,176 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 \$ 20 \$ 21 \$ 22 \$ 23 \$ 24 \$ 25 \$ 26 \$ 27 \$ 28 \$ 29 \$ 30 \$ 31 \$ 32 \$ 33 \$ 34 \$ | 619,068 50,207 40,176 | 1 | 1 | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | |
| 20 \$ 21 \$ 22 \$ 23 \$ 24 \$ 25 \$ 26 \$ 27 \$ 28 \$ 29 \$ 30 \$ 31 \$ 32 \$ 33 \$ 34 \$ | 50,207 40,176 | 1 | 1 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 21 \$ 22 \$ 23 \$ 24 \$ 25 \$ 26 \$ 27 \$ 28 \$ 29 \$ 30 \$ 31 \$ 32 \$ 33 \$ 34 \$ | 40,176 | | | 1 | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | |
| 22 \$ 23 \$ 24 \$ 25 \$ 26 \$ 27 \$ 28 \$ 29 \$ 30 \$ 31 \$ 32 \$ 33 \$ 34 \$ | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 23 \$ 24 \$ 25 \$ 26 \$ 27 \$ 28 \$ 29 \$ 30 \$ 31 \$ 32 \$ 33 \$ 34 \$ | 30.145 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 24 \$ 25 \$ 26 \$ 27 \$ 28 \$ 29 \$ 30 \$ 31 \$ 32 \$ 33 \$ 34 \$ | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 \$ 26 \$ 27 \$ 28 \$ 29 \$ 30 \$ 31 \$ 32 \$ 33 \$ 34 \$ | 20,113 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 26 \$ 27 \$ 28 \$ 29 \$ 30 \$ 31 \$ 32 \$ 33 \$ 34 \$ | 10,082 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 27 \$ 28 \$ 29 \$ 30 \$ 31 \$ 32 \$ 33 \$ 34 \$ | 103,620 | _ | | | | | | _ | <u> </u> | | | | | | | | | | | | | | | | | | | | | |
| 28 \$ 29 \$ 30 \$ 31 \$ 32 \$ 33 \$ 34 \$ | 72,476 | - | - | | | | - | - | 1 | _ | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 29 \$ 30 \$ 31 \$ 32 \$ 33 \$ 34 \$ | 38,074 1,655,040 | - | _ | | | | <u> </u> | - | 1 | _ | | | | | | | | | | | | | | 1 | | | | | $\overline{}$ | |
| 30 \$ 31 \$ 32 \$ 33 \$ 34 \$ | 3,531,840 | - | | | | | | - | | | | 1 | | | | | | | | | | | 1 | 1 | | | | | _ | 1 |
| 31 \$ 32 \$ 33 \$ 34 \$ | 80,160 | | | | | | 1 | 1 | 1 | _ | | 1 | | | _ | | | | | | | | | | | | | | - | _1_ |
| 32 \$ 33 \$ 34 \$ | 1,380,480 | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | | | | | | - |
| 33 \$ 34 \$ | 302,400 | | | | | | | | | | | <u> </u> | | | | | | | | | | | | | | | | | | |
| 34 \$ | 55,360 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 51,520 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 \$ | 60,480 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 \$ | 60,480 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| | 1,298,080 | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | |
| | 1,436,120 | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 \$ | 153,600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 \$ | 140,800 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 \$ | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | |
| 42 \$ | 330,050 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 \$ | 330,050 156,221 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 \$ | 330,050 156,221 491,328 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 \$ | 330,050 156,221 491,328 14,400 | | | | | | | | | | | | | | | | | | _ | | | | | | _ | | | | | |
| 46 \$ | 330,050 156,221 491,328 14,400 105,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| \$ 2 | 330,050 156,221 491,328 14,400 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Item | Developer | 701.0 | 702.0 | 703.0 | 704.0 | 705.0 | 706.0 | 707.0 | 708.0 | 801.0 | 802.0 | 803.0 | 804.0 | 805.0 | 806.0 | 807.0 | 808.0 | 901.0 | 902.0 | 903.0 | 904.0 | 1001.0 | 1002.0 | 1003.0 | 1004.0 | 1005.0 | 1006.0 | 1007.0 | 1101.0 | 1102.0 | 1103.0 | 1104.0 |
|------|--------------------------|-------|--|-------|--|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|
| | Cost | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 463,008 | | . | | - | - | | | | | | | | | | | | | | | | | | | | | | | | _ | - | _ |
| | \$ 1,451,798 | | <u> </u> | | 1 | 1 | | _ | | | | | | | | | | | | | | | | | | | | | | | - | |
| 3 | | | - | | - | - | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| 5 | \$ 3,458,774 \$ - | | <u> </u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| 6 | | - | | | | | | _ | | | | | | | | | | | | | | | | | | | - | | | | - | |
| 7 | | | <u> </u> | | - | - | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| 8 | | - | | | - | - | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | \$ 210,360 \$ 462,336 | - | | | | | | _ | | | | | | | | | | | | | | | | | | | - | | | | - | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 123,737 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 743,873 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | لسے | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | لـــــــ | |
| 16 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | لكك | |
| 17 | \$ 186,330 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | \$ 2,302,334 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | \$ 619,068 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 50,207 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 21 | \$ 40,176 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 22 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 20,113 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 24 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 103,620 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 |
| | \$ 72,476 | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | |
| | \$ 38,074 | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | |
| | \$ 1,655,040 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 3,531,840 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 80,160 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | للسر | |
| | \$ 302,400 | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | لللم | |
| 33 | | | | | | | | | | | | | | | _ | 1 | 1 | | | | | | | | | | | | | | | |
| | \$ 51,520 | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | \vdash |
| | \$ 60,480 | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | |
| | \$ 60,480 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | الكر | |
| | \$ 1,298,080 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | | 1 | 1 | | | - | - | | | | | | | | | | | | | | | | | | | | | | | | | - |
| 40 | | | | | | 1 | 1_ | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ | - |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | \vdash |
| 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ | \vdash |
| | \$ 14,400 \$ 105,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | _ | - |
| | \$ 105,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ | _ | | - |
| | \$ 54,600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 27,036,794 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | Developer | 4405.0 | | 4407.0 | 4400.0 | 4400.0 | | | | 4440.0 | 1001.0 | 1000.0 | 4000.0 | 10010 | 1005.0 | 4004.0 | 4000.0 | 4000.0 | 40040 | | | 4400.0 | 44040 | 4405.0 | 4504.0 | 4500.0 | | 4000.0 | 4000.0 | 4000 4 | 4000 5 | 4000.0 | 1000 7 | 1600.8 |
|------|---------------|--------|--|--------|--------|--------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------|--------|
| Item | Cost | 1105.0 | 1106.0 | 1107.0 | 1108.0 | 1109.0 | 1110.0 | 1111.0 | 1112.0 | 1113.0 | 1201.0 | 1202.0 | 1203.0 | 1204.0 | 1205.0 | 1301.0 | 1302.0 | 1303.0 | 1304.0 | 1401.0 | 1402.0 | 1403.0 | 1404.0 | 1405.0 | 1501.0 | 1502.0 | 1600.1 | 1600.2 | 1600.3 | 1600.4 | 1600.5 | 1600.6 | 1600.7 | 1600.8 |
| 1 | \$ 463,008 | | | | | | | | | | | | 1 | | | | | | 1 | | | | | | | | | | | | | | | |
| 2 | \$ 1,451,798 | | | | | | | | | | | 1 | | | | 1 | 1 | | | 1 | | | | | | | | | | | | | | |
| 3 | \$ 1,206,005 | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | |
| | \$ 3,458,774 | l l | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | \$ 564,916 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | \$ 210,360 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | \$ 462,336 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| 10 | \$ 2,915,939 | | - | | | | _ | | | | | | | | | | | | | | _ | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 11 | \$ 103,894 | | | - | | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> | | _ | | _ | 1 |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | \$ 33,976 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | 1 |
| | \$ 186,330 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 18 | \$ 2,302,334 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 619,068 | | 1 | | | | - | | | | | | | | | | | | | | _ | | | | | | | | | | | | - | 1 |
| 20 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 40,176 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 22 | \$ 30,145 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 23 | \$ 20,113 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 24 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | | | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 72,476 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | \$ 38,074 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | \$ 1,655,040 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | \$ 80,160 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 31 | \$ 1,380,480 |) | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 32 | \$ 302,400 |) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | \$ 55,360 |) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | \$ 51,520 |) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 60,480 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | \$ 1,298,080 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | \$ 1,436,120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | \$ 156,221 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 14,400 | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | \$ 105,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | الك | |
| 46 | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 27,036,794 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



C8. Development and Sanitary Infrastructure Staging Impacts

Sanitary offsite infrastructure will be constructed in a staged fashion over the 25-year development period. County Staff have reviewed the availability of offsite levy funds to meet these construction requirements and found that offsite levy reserve funds will not be sufficient to pay for construction of sanitary infrastructure from time to time, therefore front ending of infrastructure will be required. A front-ender is the party that constructs and pays up front for infrastructure that benefits other parties.

To compensate parties for capital they provide in front-ending offsite infrastructure construction, a **2.31%** interest allowance has been charged to the reserve when it is forecast to be in a negative balance. Further, a **2.25%** interest credit has been provided to the reserve when it is forecast to be in a positive balance. The graph and table below outline the forecast water levy reserve balances over the 25-year development period.

If necessary, an interest staging adjustment has been applied to rates (slightly positive or slightly negative) to ensure that the forecast reserve balance at the end of the 25-year review period always returns to break-even (i.e., developers are not charged too much thereby providing a windfall to the County, nor are they charged too little thereby placing an unequitable burden on taxpayers).

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APPENDIX D: TRANSPORTATION OFFSITE INFRASTRUCTURE

D1. Transportation Offsite Infrastructure Costs

To support future growth, transportation offsite infrastructure is required. The estimated cost of this infrastructure is based upon: (a) actual construction costs to the cut-off date, (b) debenture interest associated with financing, and (c) future cost estimates. Total cost is approximately **\$199.66 million** as outlined in the table below. Actual costs, infrastructure staging, and cost estimates were provided by County Engineering staff. It is important to note that these costs represent "gross" costs, of which only a portion will go to support future development during the 25-year review period. The remainder of this section outlines how the "net" costs for future development are determined.

Summary of Transportation Offsite Infrastructure

| Item | Project Description | Com | Cost of pleted Work | | Debenture Interest | W | mated Cost of ork Yet to be Completed | Tota | Il Project Cost |
|------|--|-----|---------------------|----|-----------------------|----|---|------|-----------------|
| 1 | 114 Avenue: Hwy 44 to Hwy 60 (Acheson Zone 1) | \$ | 4,345,151 | \$ | - | \$ | 4,025,000 | \$ | 8,370,151 |
| 2 | 114 Avenue / Hwy 60 Intersection (Acheson Zone 1 & 2) | \$ | 4,904,718 | 69 | - | \$ | 80,000 | \$ | 4,984,718 |
| 3 | Zone 1 Collector Road: 114 Avenue to Spruce Valley Road | \$ | - | 69 | - | \$ | 3,787,813 | \$ | 3,787,813 |
| 4 | Spruce Valley Road: Hwy 16A to Osborne Acres (Acheson Zone 1) | \$ | - | \$ | - | \$ | 8,064,375 | \$ | 8,064,375 |
| 5 | Spruce Valley Road / Hwy 16A Intersection (Acheson Zone 1 & 5) | \$ | - | 69 | - | \$ | 1,596,631 | \$ | 1,596,631 |
| 6 | 114 Avenue: Bevington Road to 231 Street (Acheson Zone 2) | \$ | 2,106,477 | 69 | - | \$ | 1,491,963 | \$ | 3,598,440 |
| 7 | Bevington Road: 114 Avenue to CN Crossing (Acheson Zone 2) | \$ | - | \$ | - | \$ | 2,024,719 | | 2,024,719 |
| 8 | 114 Avenue / 231 Street Intersection (Acheson Zone 2 & Winterburn) | \$ | - | \$ | - | \$ | 1,078,125 | \$ | 1,078,125 |
| 9 | Acheson Road: Spruce Valley Road to Hwy 60 (Acheson Zone 3) | \$ | - | \$ | - | \$ | 934,375 | | 934,375 |
| 10 | Acheson Road / Hwy 60 Intersection (Acheson Zone 3 & 4) | \$ | - | \$ | - | \$ | 3,593,750 | \$ | 3,593,750 |
| 11 | Acheson Road: Hwy 60 to 231 Street (Acheson Zone 4 & Winterburn) | \$ | - | \$ | - | \$ | 7,130,000 | | 7,130,000 |
| 12 | Bevington Road: CN Crossing to Hwy 16A (Acheson Zone 4) | \$ | - | 69 | - | \$ | 3,342,188 | \$ | 3,342,188 |
| 13 | Acheson Road / Bevington Road Intesection (Acheson Zone 4) | \$ | - | 69 | - | \$ | 1,078,125 | \$ | 1,078,125 |
| 14 | Acheson Road / 231 Street Intersection (Acheson Zone 4 & Winturburn) | \$ | | \$ | - | \$ | 1,078,125 | \$ | 1,078,125 |
| 15 | 96 Avenue: Hwy 60 to Spruce Valley Road (Acheson Zone 5) | \$ | 4,585,639 | \$ | - | \$ | 6,145,298 | \$ | 10,730,937 |
| 16 | 96 Avenue / Hwy 60 Intersection (Acheson Zone 5 & 6) | \$ | 3,512,106 | _ | - | \$ | - | \$ | 3,512,106 |
| 17 | Spruce Valley Road: Hwy 16A to Hwy 628 (Acheson Zone 5 & 7) | \$ | - | \$ | - | \$ | 3.881.250 | \$ | 3.881.250 |
| 18 | Spruce Valley Road / 96 Avenue Intersection (Acheson Zone 5) | \$ | - | \$ | - | \$ | 986,125 | \$ | 986,125 |
| 19 | 96 Avenue / 279 Street Intersection (Acheson Zone 5) | \$ | - | \$ | - | \$ | 503,125 | | 503,125 |
| 20 | Meridian Ave - Hwy 60 to 231 Street (Big Lake East) | \$ | 687.393 | \$ | - | \$ | 4,143,326 | \$ | 4.830,719 |
| 21 | Meridian Ave / Hwy 60 Intersection (Big Lake East) | \$ | - | \$ | - | \$ | 1,246,744 | | 1,246,744 |
| 22 | Meridian Ave / 231 Street Intersection (Big Lake East) | \$ | - | \$ | - | \$ | 589,734 | \$ | 589,734 |
| 23 | Meridian Ave: Hwy 44 to Hwy 60 (Big Lake West) | \$ | 1.538.353 | \$ | - | \$ | 2.241.063 | \$ | 3.779.416 |
| 24 | Meridian Ave / Hwy 44 Intersection (Big Lake West) | \$ | - | \$ | - | \$ | 1,924,453 | \$ | 1,924,453 |
| 25 | Meridian Ave / RR264 Intersection (Big Lake West) | \$ | - | \$ | - | \$ | 756,844 | | 756,844 |
| 26 | Hwy 779 / New Service Road Intersection (5th Meridian ASP) | \$ | - | \$ | - | \$ | 27,227,616 | | 27,227,616 |
| 27 | Hwy 779 / Proposed Road (5th Meridian ASP) | \$ | - | \$ | - | \$ | 5,415,998 | \$ | 5,415,998 |
| 28 | Golf Course Road (5th Meridian ASP) | \$ | - | \$ | - | \$ | 3,342,188 | \$ | 3,342,188 |
| 29 | New Proposed Road (5th Meridian ASP) | \$ | - | \$ | - | \$ | 2,673,750 | \$ | 2,673,750 |
| 30 | 114 Avenue: Hwy 60 to Bevington Road (Acheson Zone 2) | \$ | - | \$ | - | \$ | 3,655,102 | \$ | 3,655,102 |
| 31 | 92 Avenue / Hwy 60 Intersection (Acheson Zone 7 & 8) | \$ | 4,100,000 | \$ | - | \$ | - | \$ | 4,100,000 |
| 32 | 92 Avenue: Highway 60 to Spruce Valley Road (Acheson Zone 7) | \$ | 4,441,555 | \$ | - | \$ | 15,148,099 | \$ | 19,589,654 |
| 33 | 92 Avenue / Spruce Valley Road Intersection (Acheson Zone 7) | \$ | - | \$ | - | \$ | 986,125 | \$ | 986,125 |
| 34 | 92 Avenue / 279 Street Intersection (Acheson Zone 7) | \$ | - | \$ | - | \$ | 503,125 | \$ | 503,125 |
| 35 | 279 Street: Hwy 628 to 96 Avenue (Acheson Zone 5 & 7) | \$ | - | \$ | - | \$ | 10,608,750 | \$ | 10,608,750 |
| 36 | 96th Avenue: Hwy 60 to 231st Street (Zone 6) | \$ | - | \$ | - | \$ | 7,575,625 | \$ | 7,575,625 |
| 37 | 92nd Avenue: Hwy 60 to 231st Street (Zone 8) | \$ | - | \$ | - | \$ | 7,263,688 | \$ | 7,263,688 |
| 38 | 96th Avenue & 231st Street Intersection (Zone 6) | \$ | - | \$ | - | \$ | 1,078,125 | \$ | 1,078,125 |
| 39 | 92nd Avenue & 231st Street Intersection (Zone 8) | \$ | - | \$ | - | \$ | 1,078,125 | \$ | 1,078,125 |
| 40 | Pinchbeck Rd: Hwy 16A to Hwy 628 (Zone 6 & 8) | \$ | - | \$ | - | \$ | 6,060,500 | \$ | 6,060,500 |
| 41 | 96th Ave & Pinchbeck Rd Intersection (Zone 6) | \$ | - | \$ | - | \$ | 503,125 | \$ | 503,125 |
| 42 | 92nd Ave & Pinchbeck Rd Intersection (Zone 8) | \$ | - | \$ | - | \$ | 503,125 | \$ | 503,125 |
| 43 | Collector Rd: Spruce Valley Rd to Hwy 44 (West Acheson Area 11) | \$ | - | \$ | - | \$ | 5,181,469 | \$ | 5,181,469 |
| 44 | Atim Rd: Hwy 16 to Hwy 16A (West Acheson Area 11) | \$ | - | \$ | - | \$ | 4,331,188 | \$ | 4,331,188 |
| 45 | Acheson Traffic Impact Assessment Update - 2019 | \$ | 130,353 | \$ | - | \$ | - | \$ | 130,353 |
| 46 | Acheson Traffic Impact Assessment Update - 2024 | \$ | - | \$ | - | \$ | 71,875 | \$ | 71,875 |
| 47 | Acheson Traffic Impact Assessment Update - 2029 | \$ | - | \$ | - | \$ | 71,875 | \$ | 71,875 |
| 48 | Acheson Traffic Impact Assessment Update - 2034 | \$ | - | \$ | - | \$ | 71,875 | | 71,875 |
| 49 | Acheson Traffic Impact Assessment Update - 2039 | \$ | - | \$ | - | \$ | 71,875 | | 71,875 |
| 50 | 96th Ave: Spruce Valley Rd to Sandhills Rd (Acheson Zone 5 West) | \$ | - | \$ | - | \$ | 3,654,125 | \$ | 3,654,125 |
| 51 | Collector Rd & Atim Rd Intersection (West Acheson Area 11) | \$ | - | \$ | - | \$ | 503,125 | | 503,125 |
| | | \$ | 30,351,745 | \$ | - | \$ | 169,303,620 | \$ | 199,655,365 |

^{*}Costs are based on 2019 estimates and include engineering costs and contingencies.



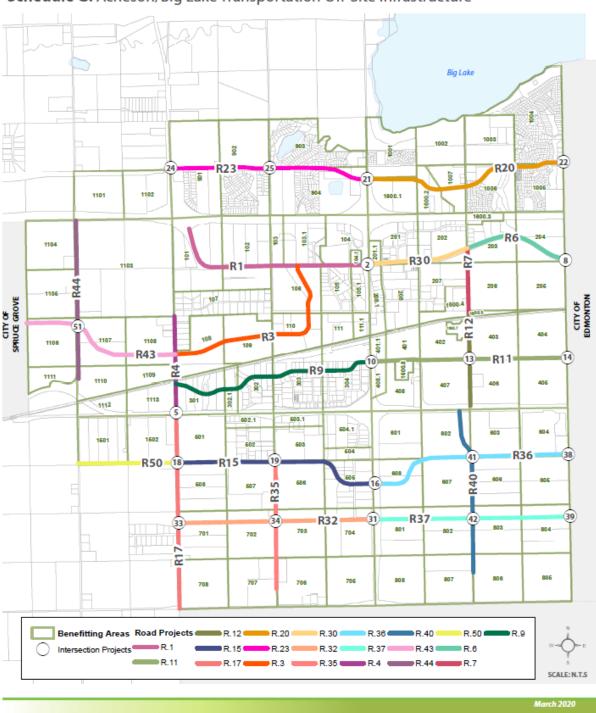
A map showing the location of the transportation offsite infrastructure is shown below.

Location of Transportation Offsite Infrastructure

Off-Site Levy Projects



Schedule G: Acheson/Big Lake Transportation Off-Site Infrastructure









D2. Transportation Offsite Infrastructure Grants & Contributions to Date

The MGA enables the County to allocate the costs of offsite infrastructure to future development, other than those costs that have been provided by way of special grant or contribution (i.e., contributed infrastructure). Parkland County has/will receive \$7.95 million in special grants and contributions for transportation offsite levy infrastructure as shown in the table below (note, if the County receives other grants or contributions in the future, it will be reflected in one of the annual updates and rates adjusted accordingly). The result is that the total project estimated cost is \$191.70 million.

Special Grants and Contributions for Transportation Offsite Infrastructure

| Item | Project Description | Total Proj | ect Cost | | Provincial ints | Developer Agreement Contributions | Co | Other ontributio | ns | Re | duced Project Cost |
|----------|--|------------|----------|----|--------------------|---|----|---------------------|--------------|----|-------------------------------|
| 1 | 114 Avenue: Hwy 44 to Hwy 60 (Acheson Zone 1) | \$ 8, | 370,151 | \$ | - | \$ 241,226 | \$ | | - | \$ | 8,128,925 |
| 2 | 114 Avenue / Hwy 60 Intersection (Acheson Zone 1 & 2) | | 984,718 | | - | \$ - | \$ | | - | \$ | 4,984,718 |
| 3 | Zone 1 Collector Road: 114 Avenue to Spruce Valley Road | | 787,813 | | - | \$ - | \$ | | - | \$ | 3,787,813 |
| 4 | Spruce Valley Road: Hwy 16A to Osborne Acres (Acheson Zone 1) | | 064,375 | | - | \$ - | \$ | | - | \$ | 8,064,375 |
| 5 | Spruce Valley Road / Hwy 16A Intersection (Acheson Zone 1 & 5) | | 596,631 | \$ | - | \$ | \$ | | - | \$ | 1,596,631 |
| 6 | 114 Avenue: Bevington Road to 231 Street (Acheson Zone 2) | | 598,440 | | - | \$ 1,462,417 | \$ | | - | \$ | 2,136,023 |
| 7 | Bevington Road: 114 Avenue to CN Crossing (Acheson Zone 2) | | 024,719 | | - | \$ <u> </u> | \$ | | - | \$ | 2,024,719 |
| 8 | 114 Avenue / 231 Street Intersection (Acheson Zone 2 & Winterburn) | | 078,125 | | - | \$ - | \$ | | - | \$ | 1,078,125 |
| 9 | Acheson Road: Spruce Valley Road to Hwy 60 (Acheson Zone 3) | | 934,375 | | | \$ | \$ | | ÷ | \$ | 934,375 |
| 10 11 | Acheson Road / Hwy 60 Intersection (Acheson Zone 3 & 4) Acheson Road: Hwy 60 to 231 Street (Acheson Zone 4 & Winterburn) | | 130,000 | | | \$ | \$ | | - | \$ | 3,593,750 7,130,000 |
| 12 | Bevington Road: CN Crossing to Hwy 16A (Acheson Zone 4) | | 342.188 | | | \$ | \$ | | ÷ | \$ | 3.342.188 |
| 13 | Acheson Road / Bevington Road Intesection (Acheson Zone 4) | | 078,125 | \$ | | \$ | \$ | | ÷ | \$ | 1,078,125 |
| 14 | Acheson Road / 231 Street Intersection (Acheson Zone 4 & Winturburn) | | 078,125 | | - | \$ - | \$ | | ÷ | \$ | 1,078,125 |
| 15 | 96 Avenue: Hwy 60 to Spruce Valley Road (Acheson Zone 5) | | 730,937 | | - | \$ 1,497,581 | \$ | | - | \$ | 9,233,356 |
| 16 | 96 Avenue / Hwy 60 Intersection (Acheson Zone 5 & 6) | | 512,106 | \$ | - | \$ 1,005,638 | \$ | | - | \$ | 2,506,467 |
| 17 | Spruce Valley Road: Hwy 16A to Hwy 628 (Acheson Zone 5 & 7) | | 881,250 | • | - | \$ - | \$ | | - | \$ | 3,881,250 |
| 18 | Spruce Valley Road / 96 Avenue Intersection (Acheson Zone 5) | • | 986,125 | | - | \$ <u> </u> | \$ | | - | \$ | 986,125 |
| 19 | 96 Avenue / 279 Street Intersection (Acheson Zone 5) | | 503,125 | | - | \$ <u> </u> | \$ | | - | \$ | 503,125 |
| 20 | Meridian Ave - Hwy 60 to 231 Street (Big Lake East) | | 830,719 | | - | \$ 107,034 | \$ | | - | \$ | 4,723,684 |
| 21 | Meridian Ave / Hwy 60 Intersection (Big Lake East) | | 246,744 | | - | \$ - | \$ | | - | \$ | 1,246,744 |
| 22 | Meridian Ave / 231 Street Intersection (Big Lake East) | | 589,734 | | - | \$ <u> </u> | \$ | | - | \$ | 589,734 |
| 23 | Meridian Ave: Hwy 44 to Hwy 60 (Big Lake West) | | 779,416 | | - | \$ - | \$ | | - | \$ | 3,779,416 |
| 24 | Meridian Ave / Hwy 44 Intersection (Big Lake West) | | 924,453 | | - | \$ - | \$ | | - | \$ | 1,924,453 |
| 25 26 | Meridian Ave / RR264 Intersection (Big Lake West) Hwy 779 / New Service Road Intersection (5th Meridian ASP) | | 756,844 | | - : | \$ | \$ | | - | \$ | 756,844 27,227,616 |
| 27 | Hwy 779 / Proposed Road (5th Meridian ASP) | | 415,998 | | - | \$ | \$ | | ÷ | \$ | 5,415,998 |
| 28 | Golf Course Road (5th Meridian ASP) | | 342.188 | | - | \$ | \$ | | ÷ | \$ | 3,342,188 |
| 29 | New Proposed Road (5th Meridian ASP) | | 673.750 | | | \$ | \$ | | - | \$ | 2.673.750 |
| 30 | 114 Avenue: Hwy 60 to Bevington Road (Acheson Zone 2) | | 655,102 | _ | | \$ 140.090 | \$ | | - | \$ | 3,515,012 |
| 31 | 92 Avenue / Hwy 60 Intersection (Acheson Zone 7 & 8) | | 100,000 | | 3,500,000 | \$ 140,000 | \$ | | - | \$ | 600,000 |
| 32 | 92 Avenue: Highway 60 to Spruce Valley Road (Acheson Zone 7) | | 589,654 | | - | \$ | \$ | | _ | \$ | 19,589,654 |
| 33 | 92 Avenue / Spruce Valley Road Intersection (Acheson Zone 7) | | 986,125 | | - | \$ - | \$ | | - | \$ | 986,125 |
| 34 | 92 Avenue / 279 Street Intersection (Acheson Zone 7) | | 503,125 | | - | \$ - | \$ | | - | \$ | 503,125 |
| 35 | 279 Street: Hwy 628 to 96 Avenue (Acheson Zone 5 & 7) | | 608,750 | | - | \$ | \$ | | - | \$ | 10.608.750 |
| 36 | 96th Avenue: Hwy 60 to 231st Street (Zone 6) | | 575,625 | | - | \$ - | \$ | | - | \$ | 7,575,625 |
| 37 | 92nd Avenue: Hwy 60 to 231st Street (Zone 8) | \$ 7. | 263,688 | \$ | | \$ - | \$ | | - | \$ | 7,263,688 |
| 38 | 96th Avenue & 231st Street Intersection (Zone 6) | \$ 1, | 078,125 | \$ | - | \$ - | \$ | | - | \$ | 1,078,125 |
| 39 | 92nd Avenue & 231st Street Intersection (Zone 8) | \$ 1, | 078,125 | \$ | - | \$ - | \$ | | - | \$ | 1,078,125 |
| 40 | Pinchbeck Rd: Hwy 16A to Hwy 628 (Zone 6 & 8) | \$ 6, | 060,500 | \$ | - | \$ - | \$ | | - | \$ | 6,060,500 |
| 41 | 96th Ave & Pinchbeck Rd Intersection (Zone 6) | \$ | 503,125 | \$ | | \$ - | \$ | | - | \$ | 503,125 |
| 42 | 92nd Ave & Pinchbeck Rd Intersection (Zone 8) | | 503,125 | | - | \$ - | \$ | | - | \$ | 503,125 |
| 43 | Collector Rd: Spruce Valley Rd to Hwy 44 (West Acheson Area 11) | | 181,469 | | - | \$ - | \$ | | - | \$ | 5,181,469 |
| 44 | Atim Rd: Hwy 16 to Hwy 16A (West Acheson Area 11) | | 331,188 | | - | \$ - | \$ | | - | \$ | 4,331,188 |
| 45 | Acheson Traffic Impact Assessment Update - 2019 | | 130,353 | _ | - | \$ - | \$ | | - | \$ | 130,353 |
| 46 | Acheson Traffic Impact Assessment Update - 2024 | \$ | 71,875 | | - | \$ <u> </u> | \$ | | - | \$ | 71,875 |
| 47 | Acheson Traffic Impact Assessment Update - 2029 | \$ | 71,875 | | - | \$ - | \$ | | - | \$ | 71,875 |
| 48 | Acheson Traffic Impact Assessment Update - 2034 | \$ | 71,875 | | - | \$ - | \$ | | - | \$ | 71,875 |
| 49 | Acheson Traffic Impact Assessment Update - 2039 | \$ | 71,875 | | - | \$ - | \$ | | - | \$ | 71,875 |
| 50 | 96th Ave: Spruce Valley Rd to Sandhills Rd (Acheson Zone 5 West) | | 654,125 | | | \$ | \$ | | - | \$ | 3,654,125 |
| 51 | Collector Rd & Atim Rd Intersection (West Acheson Area 11) | \$ | 503,125 | 2 | - | \$ - | \$ | | - | \$ | 503,125 191,701,379 |



D3. Transportation Infrastructure Staging

The timing of construction is used to determine the impact of inflation on cost, the impact of forecast reserve balances, and the estimate of financial oversizing (described in Section D4). The County anticipates construction of offsite infrastructure as outlined in the table below. Note, if this schedule is adjusted in the future, it will be reflected in one of the County's annual rate/bylaw updates.

Transportation Infrastructure Staging

| Item | Project Description | Construction Start Year |
|----------|--|----------------------------|
| 1 | 114 Avenue: Hwy 44 to Hwy 60 (Acheson Zone 1) | 2035 |
| 2 | 114 Avenue / Hwy 60 Intersection (Acheson Zone 1 & 2) | 2017 |
| 3 | Zone 1 Collector Road: 114 Avenue to Spruce Valley Road | 2020 |
| 4 | Spruce Valley Road: Hwy 16A to Osborne Acres (Acheson Zone 1) | 2023 |
| 5 | Spruce Valley Road / Hwy 16A Intersection (Acheson Zone 1 & 5) | 2023 |
| 6 | 114 Avenue: Bevington Road to 231 Street (Acheson Zone 2) | 2020 |
| 7 | Bevington Road: 114 Avenue to CN Crossing (Acheson Zone 2) | 2020 |
| 8 | 114 Avenue / 231 Street Intersection (Acheson Zone 2 & Winterburn) | 2020 |
| 9 | Acheson Road: Spruce Valley Road to Hwy 60 (Acheson Zone 3) | 2023 |
| 10 | Acheson Road / Hwy 60 Intersection (Acheson Zone 3 & 4) | 2022 |
| 11 | Acheson Road: Hwy 60 to 231 Street (Acheson Zone 4 & Winterburn) | 2023 |
| 12 | Bevington Road: CN Crossing to Hwy 16A (Acheson Zone 4) | 2025 |
| 13 | Acheson Road / Bevington Road Intesection (Acheson Zone 4) | 2028 |
| 14 | Acheson Road / 231 Street Intersection (Acheson Zone 4 & Winturburn) | 2020 |
| 15 | 96 Avenue: Hwy 60 to Spruce Valley Road (Acheson Zone 5) | 2014 |
| 16 | 96 Avenue / Hwy 60 Intersection (Acheson Zone 5 & 6) | 2014 |
| 17 | Spruce Valley Road: Hwy 16A to Hwy 628 (Acheson Zone 5 & 7) | 2033 |
| 18 | Spruce Valley Road / 96 Avenue Intersection (Acheson Zone 5) | 2023 |
| 19 | 96 Avenue / 279 Street Intersection (Acheson Zone 5) | 2023 |
| 20 | Meridian Ave - Hwy 60 to 231 Street (Big Lake East) | 2029 |
| 21 | Meridian Ave / Hwy 60 Intersection (Big Lake East) | 2029 |
| 22 | Meridian Ave / 231 Street Intersection (Big Lake East) | 2026 |
| 23 | Meridian Ave: Hwy 44 to Hwy 60 (Big Lake West) | 2027 |
| 24 | Meridian Ave / Hwy 44 Intersection (Big Lake West) | 2030 |
| 25 | Meridian Ave / RR264 Intersection (Big Lake West) | 2027 |
| 26 | Hwy 779 / New Service Road Intersection (5th Meridian ASP) | 2036 |
| 27 | Hwy 779 / Proposed Road (5th Meridian ASP) | 2042 |
| 28 | Golf Course Road (5th Meridian ASP) | 2043 |
| 29 | New Proposed Road (5th Meridian ASP) | 2043 |
| 30 | 114 Avenue: Hwy 60 to Bevington Road (Acheson Zone 2) | 2020 |
| 31 | 92 Avenue / Hwy 60 Intersection (Acheson Zone 7 & 8) | 2019 |
| 32 | 92 Avenue: Highway 60 to Spruce Valley Road (Acheson Zone 7) | 2019 2044 |
| | 92 Avenue / Spruce Valley Road Intersection (Acheson Zone 7) | |
| 34 35 | 92 Avenue / 279 Street Intersection (Acheson Zone 7) | 2036 2024 |
| 35 | 279 Street: 92 Avenue to 96 Avenue (Acheson Zone 5 & 7) 96th Avenue: Hwy 60 to 231st Street (Zone 6) | 2024 |
| 36 | 92nd Avenue: Hwy 60 to 231st Street (Zone 6) 92nd Avenue: Hwy 60 to 231st Street (Zone 8) | 2027 |
| 38 | 96th Avenue & 231st Street Intersection (Zone 6) | 2035 |
| 38 | 92nd Avenue & 231st Street Intersection (Zone 6) | 2044 |
| 40 | Pinchbeck Rd: Hwy 16A to Hwy 628 (Zone 6 & 8) | 2044 |
| 41 | 96th Ave & Pinchbeck Rd Intersection (Zone 6) | 2027 |
| 42 | 92nd Ave & Pinchbeck Rd Intersection (Zone 8) | 2027 |
| 43 | Collector Rd: Spruce Valley Rd to Hwy 44 (West Acheson Area 11) | 2044 |
| 44 | Atim Rd: Hwy 16 to Hwy 16A (West Acheson Area 11) | 2044 |
| 45 | Acheson Traffic Impact Assessment Update - 2019 | 2018 |
| 46 | Acheson Traffic Impact Assessment Update - 2024 | 2024 |
| 47 | Acheson Traffic Impact Assessment Update - 2029 | 2029 |
| 48 | Acheson Traffic Impact Assessment Update - 2034 | 2034 |
| 49 | Acheson Traffic Impact Assessment Update - 2039 | 2039 |
| 50 | 96th Ave: Spruce Valley Rd to Sandhills Rd (Acheson Zone 5 West) | 2043 |
| 51 | Collector Rd & Atim Rd Intersection (West Acheson Area 11) | 2044 |

^{*}The share of projects constructed beyond the 25-year review period are not included in rates today (see financial oversizing in next section).

^{**}Project costs were inflated by 2% per annum for the first 3 years, and 3% per annum thereafter to the year of construction.

^{***}A blank year (if any) represents a project which has been combined with another project, costs have been removed from the model, or project has been completed.



D4. Transportation Offsite Infrastructure Benefiting Parties

The transportation offsite infrastructure previously outlined will benefit various parties to varying degrees as determined by the County. Four potential benefiting parties were identified including:

- Parkland County a portion of the transportation infrastructure which is required to service existing residents/businesses.
- Other Stakeholders other parties (such as neighboring municipalities) that benefit from the infrastructure,
- Parkland County Future Development (Financial Oversizing) that portion of cost which benefits future development beyond the 25-year review period.
- Parkland County Future Development (In Rates) all growth-related infrastructure (i.e., levyable transportation infrastructure costs) during the 25-year rate planning period.

The table below outlines the allocation of transportation offsite levy infrastructure costs to benefiting parties. Project allocations were determined by County staff.

Allocation of Transportation Infrastructure to Benefiting Parties

| | | | | | Developer Share | |
|------|---|-----------------|-----------------|-------------------|-----------------|-----------------|
| Item | Project Description | Reduced Project | Muni Share % | Other Stakeholder | | OSL / Developer |
| пеш | Project Description | Cost | Willin Share 76 | Share | (Financial | Share % |
| | | | | | Oversizing %) | |
| 1 | 114 Avenue: Hwy 44 to Hwy 60 (Acheson Zone 1) | \$ 8,128,925 | | | 60.0% | 40.0% |
| 2 | 114 Avenue / Hwy 60 Intersection (Acheson Zone 1 & 2) | \$ 4,984,718 | | | 0.0% | 100.0% |
| 3 | Zone 1 Collector Road: 114 Avenue to Spruce Valley Road | \$ 3,787,813 | | | 0.0% | 100.0% |
| 4 | Spruce Valley Road: Hwy 16A to Osborne Acres (Acheson Zone 1) | \$ 8,064,375 | | | 12.0% | 88.0% |
| 5 | Spruce Valley Road / Hwy 16A Intersection (Acheson Zone 1 & 5) | \$ 1,596,631 | | | 12.0% | 88.0% |
| 6 | 114 Avenue: Bevington Road to 231 Street (Acheson Zone 2) | \$ 2,136,023 | | | 0.0% | 100.0% |
| 7 | Bevington Road: 114 Avenue to CN Crossing (Acheson Zone 2) | \$ 2,024,719 | | | 0.0% | 100.0% |
| 8 | 114 Avenue / 231 Street Intersection (Acheson Zone 2 & Winterburn) | \$ 1,078,125 | | | 0.0% | 100.0% |
| 9 | Acheson Road: Spruce Valley Road to Hwy 60 (Acheson Zone 3) | \$ 934,375 | | | 12.0% | 88.0% |
| 10 | Acheson Road / Hwy 60 Intersection (Acheson Zone 3 & 4) | \$ 3,593,750 | | | 8.0% | 92.0% |
| 11 | Acheson Road: Hwy 60 to 231 Street (Acheson Zone 4 & Winterburn) | \$ 7,130,000 | | | 12.0% | 88.0% |
| 12 | Bevington Road: CN Crossing to Hwy 16A (Acheson Zone 4) | \$ 3,342,188 | | | 20.0% | 80.0% |
| 13 | Acheson Road / Bevington Road Intesection (Acheson Zone 4) | \$ 1,078,125 | | | 32.0% | 68.0% |
| 14 | Acheson Road / 231 Street Intersection (Acheson Zone 4 & Winturburn) | \$ 1,078,125 | | | 0.0% | 100.0% |
| | (Indiana) | ,,,,20 | | | | |
| 15 | 96 Avenue: Hwy 60 to Spruce Valley Road (Acheson Zone 5) | \$ 9,233,356 | | | 0.0% | 100.0% |
| 16 | 96 Avenue / Hwy 60 Intersection (Acheson Zone 5 & 6) | \$ 2,506,467 | | | 0.0% | 100.0% |
| 17 | Spruce Valley Road: Hwy 16A to Hwy 628 (Acheson Zone 5 & 7) | \$ 3,881,250 | | | 52.0% | 48.0% |
| 18 | Spruce Valley Road / 96 Avenue Intersection (Acheson Zone 5) | \$ 986.125 | | | 12.0% | 88.0% |
| 19 | 96 Avenue / 279 Street Intersection (Acheson Zone 5) | \$ 503,125 | | | 12.0% | 88.0% |
| 20 | Meridian Ave - Hwy 60 to 231 Street (Big Lake East) | \$ 4,723,684 | | | 36.0% | 64.0% |
| 21 | Meridian Ave / Hwy 60 Intersection (Big Lake East) | \$ 1,246,744 | | | 36.0% | 64.0% |
| 22 | Meridian Ave / 11wy 60 Intersection (Big Lake East) Meridian Ave / 231 Street Intersection (Big Lake East) | \$ 589,734 | | | 24.0% | 76.0% |
| 23 | Meridian Ave: Hwy 44 to Hwy 60 (Big Lake West) | \$ 3,779,416 | | | 28.0% | 72.0% |
| 24 | Meridian Ave / Hwy 44 Intersection (Big Lake West) | \$ 1,924,453 | | | 40.0% | 60.0% |
| 25 | Meridian Ave / RR264 Intersection (Big Lake West) | \$ 1,924,453 | | | 28.0% | 72.0% |
| 26 | Hwy 779 / New Service Road Intersection (5th Meridian ASP) | \$ 27,227,616 | | | 64.0% | 72.0% 36.0% |
| | | | | | | |
| 27 | Hwy 779 / Proposed Road (5th Meridian ASP) | \$ 5,415,998 | | | 88.0% | 12.0% |
| 28 | Golf Course Road (5th Meridian ASP) | \$ 3,342,188 | | | 92.0% | 8.0% |
| 29 | New Proposed Road (5th Meridian ASP) | \$ 2,673,750 | | | 92.0% | 8.0% |
| 30 | 114 Avenue: Hwy 60 to Bevington Road (Acheson Zone 2) | \$ 3,515,012 | | | 0.0% | 100.0% |
| 31 | 92 Avenue / Hwy 60 Intersection (Acheson Zone 7 & 8) | \$ 600,000 | | | 0.0% | 100.0% |
| 32 | 92 Avenue: Highway 60 to Spruce Valley Road (Acheson Zone 7) | \$ 19,589,654 | | | 0.0% | 100.0% |
| 33 | 92 Avenue / Spruce Valley Road Intersection (Acheson Zone 7) | \$ 986,125 | | | 96.0% | 4.0% |
| 34 | 92 Avenue / 279 Street Intersection (Acheson Zone 7) | \$ 503,125 | | | 64.0% | 36.0% |
| 35 | 279 Street: Hwy 628 to 96 Avenue (Acheson Zone 5 & 7) | \$ 10,608,750 | | | 16.0% | 84.0% |
| 36 | 96th Avenue: Hwy 60 to 231st Street (Zone 6) | \$ 7,575,625 | | | 28.0% | 72.0% |
| 37 | 92nd Avenue: Hwy 60 to 231st Street (Zone 8) | \$ 7,263,688 | | | 60.0% | 40.0% |
| 38 | 96th Avenue & 231st Street Intersection (Zone 6) | \$ 1,078,125 | | | 96.0% | 4.0% |
| 39 | 92nd Avenue & 231st Street Intersection (Zone 8) | \$ 1,078,125 | | | 96.0% | 4.0% |
| 40 | Pinchbeck Rd: Hwy 16A to Hwy 628 (Zone 6 & 8) | \$ 6,060,500 | | | 96.0% | 4.0% |
| 41 | 96th Ave & Pinchbeck Rd Intersection (Zone 6) | \$ 503,125 | | | 28.0% | 72.0% |
| 42 | 92nd Ave & Pinchbeck Rd Intersection (Zone 8) | \$ 503,125 | | | 96.0% | 4.0% |
| 43 | Collector Rd: Spruce Valley Rd to Hwy 44 (West Acheson Area 11) | \$ 5,181,469 | | | 96.0% | 4.0% |
| 44 | Atim Rd: Hwy 16 to Hwy 16A (West Acheson Area 11) | \$ 4,331,188 | | | 96.0% | 4.0% |
| 45 | Acheson Traffic Impact Assessment Update - 2019 | \$ 130,353 | | | 0.0% | 100.0% |
| 46 | Acheson Traffic Impact Assessment Update - 2024 | \$ 71,875 | | | 16.0% | 84.0% |
| 47 | Acheson Traffic Impact Assessment Update - 2029 | \$ 71,875 | | | 36.0% | 64.0% |
| 48 | Acheson Traffic Impact Assessment Update - 2034 | \$ 71,875 | | | 56.0% | 44.0% |
| 49 | Acheson Traffic Impact Assessment Update - 2039 | \$ 71,875 | | | 76.0% | 24.0% |
| 50 | 96th Ave: Spruce Valley Rd to Sandhills Rd (Acheson Zone 5 West) | \$ 3,654,125 | | | 92.0% | 8.0% |
| 51 | Collector Rd & Atim Rd Intersection (West Acheson Area 11) | \$ 503,125 | | | 96.0% | 4.0% |
| | | \$ 191,701,379 | | • | | |

^{**}Financial oversizing is determined by separating out the pro rata portion of developer cost beyond the 25-year review period, in comparison with the anticipated year of construction. In future, as the 25-year review period moves further out these additional developer costs will gradually be included in future rate calculations.



D5. Existing Receipts & Adjusted Levy Cost

Using the offsite levy share percentages shown in the previous section and applying those percentages to project costs results in an offsite levy cost of approximately **\$118.08 million**. However, prior to allocating these costs to benefiting areas, existing offsite levy receipts collected from developers need to be considered in determining the residual/net costs to developers. The County has collected **\$15.12 million** in transportation offsite levies to date. This results in an adjusted offsite levy cost of approximately **\$102.96 million**.

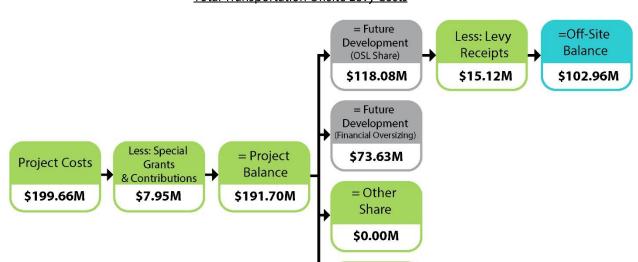
Offsite Levy Funds Collected to Date & Adjusted Levy Cost

| Item | Project Description | / Developer Cost | Fui Und to | Offsite Levy nds Collected der Old Bylaw Dec 31 2013 | Col | Offsite Levy Funds lected Starting Jan 1, 2013 | ljusted Developer (Levy) Cost |
|------|--|---------------------|------------------|---|-----|--|----------------------------------|
| 1 | 114 Avenue: Hwy 44 to Hwy 60 (Acheson Zone 1) | \$ 3,251,570 | | 1,285,258 | | 422,301 | 1,544,011 |
| 2 | 114 Avenue / Hwy 60 Intersection (Acheson Zone 1 & 2) | \$ 4,984,718 | | 537,406 | | 498,934 | \$ 3,948,378 |
| 3 | Zone 1 Collector Road: 114 Avenue to Spruce Valley Road | \$ 3,787,813 | | 553,547 | | 216,274 | 3,017,991 |
| 4 | Spruce Valley Road: Hwy 16A to Osborne Acres (Acheson Zone 1) | \$ 7,096,650 | \$ | 156,611 | \$ | 85,542 | \$ 6,854,498 |
| 5 | Spruce Valley Road / Hwy 16A Intersection (Acheson Zone 1 & 5) | \$ 1,405,036 | | 183,660 | | 100,227 | \$ 1,121,148 |
| 6 | 114 Avenue: Bevington Road to 231 Street (Acheson Zone 2) | \$ 2,136,023 | • | 905,954 | _ | 351,683 | \$ 878,386 |
| 7 | Bevington Road: 114 Avenue to CN Crossing (Acheson Zone 2) | \$ 2,024,719 | | 342,307 | | 92,502 | \$ 1,589,910 |
| 8 | 114 Avenue / 231 Street Intersection (Acheson Zone 2 & Winterburn) | \$ 1,078,125 | \$ | 182,272 | \$ | 35,831 | \$ 860,021 |
| 9 | Acheson Road: Spruce Valley Road to Hwy 60 (Acheson Zone 3) | \$ 822,250 | | - | \$ | - | \$ 822,250 |
| 10 | Acheson Road / Hwy 60 Intersection (Acheson Zone 3 & 4) | \$ 3,306,250 | | 4,154 | \$ | - | \$ 3,302,096 |
| 11 | Acheson Road: Hwy 60 to 231 Street (Acheson Zone 4 & Winterburn) | \$ 6,274,400 | | 8,861 | \$ | - | \$ 6,265,539 |
| 12 | Bevington Road: CN Crossing to Hwy 16A (Acheson Zone 4) | \$ 2,673,750 | | 4,154 | | - | \$ 2,669,596 |
| 13 | Acheson Road / Bevington Road Intesection (Acheson Zone 4) | \$ 733,125 | \$ | 1,340 | | - | \$ 731,785 |
| 14 | Acheson Road / 231 Street Intersection (Acheson Zone 4 & Winturburn) | \$ 1,078,125 | \$ | 1,340 | \$ | - | \$ 1,076,785 |
| 15 | 96 Avenue: Hwy 60 to Spruce Valley Road (Acheson Zone 5) | \$ 9,233,356 | \$ | 2,150,339 | \$ | 1,294,194 | \$ 5,788,824 |
| 16 | 96 Avenue / Hwy 60 Intersection (Acheson Zone 5 & 6) | \$ 2,506,467 | \$ | 205,844 | \$ | 234,207 | \$ 2,066,416 |
| 17 | Spruce Valley Road: Hwy 16A to Hwy 628 (Acheson Zone 5 & 7) | \$ 1,863,000 | \$ | 91,434 | \$ | (24,595) | \$ 1,796,161 |
| 18 | Spruce Valley Road / 96 Avenue Intersection (Acheson Zone 5) | \$ 867,790 | \$ | 94,080 | \$ | (9,605) | \$ 783,315 |
| 19 | 96 Avenue / 279 Street Intersection (Acheson Zone 5) | \$ 442,750 | \$ | 48,000 | | 19,181 | \$ 375,569 |
| 20 | Meridian Ave - Hwy 60 to 231 Street (Big Lake East) | \$ 3,023,158 | \$ | 395,455 | \$ | 150,295 | \$ 2,477,408 |
| 21 | Meridian Ave / Hwy 60 Intersection (Big Lake East) | \$ 797,916 | \$ | 72,629 | | 21,849 | \$ 703,438 |
| 22 | Meridian Ave / 231 Street Intersection (Big Lake East) | \$ 448,198 | \$ | - | \$ | 18,995 | \$ 429,203 |
| 23 | Meridian Ave: Hwy 44 to Hwy 60 (Big Lake West) | \$ 2,721,179 | \$ | 300,937 | \$ | - | \$ 2,420,243 |
| 24 | Meridian Ave / Hwy 44 Intersection (Big Lake West) | \$ 1,154,672 | \$ | 522,346 | \$ | - | \$ 632,326 |
| 25 | Meridian Ave / RR264 Intersection (Big Lake West) | \$ 544,928 | \$ | 94,297 | \$ | - | \$ 450,630 |
| 26 | Hwy 779 / New Service Road Intersection (5th Meridian ASP) | \$ 9,801,942 | \$ | - | \$ | - | \$ 9,801,942 |
| 27 | Hwy 779 / Proposed Road (5th Meridian ASP) | \$ 649,920 | | - | \$ | - | \$ 649,920 |
| 28 | Golf Course Road (5th Meridian ASP) | \$ 267,375 | | - | \$ | - | \$ 267,375 |
| 29 | New Proposed Road (5th Meridian ASP) | \$ 213,900 | | - | \$ | - | \$ 213,900 |
| 30 | 114 Avenue: Hwy 60 to Bevington Road (Acheson Zone 2) | \$ 3,515,012 | | - | \$ | 131,771 | \$ 3,383,240 |
| 31 | 92 Avenue / Hwy 60 Intersection (Acheson Zone 7 & 8) | \$ 600,000 | \$ | - | \$ | 964,559 | \$ (364,559) |
| 32 | 92 Avenue: Highway 60 to Spruce Valley Road (Acheson Zone 7) | \$ 19,589,654 | | - | \$ | 2,067,807 | \$ 17,521,847 |
| 33 | 92 Avenue / Spruce Valley Road Intersection (Acheson Zone 7) | \$ 39,445 | \$ | - | \$ | - | \$ 39,445 |
| 34 | 92 Avenue / 279 Street Intersection (Acheson Zone 7) | \$ 181,125 | \$ | - | \$ | 155,751 | \$ 25,374 |
| 35 | 279 Street: Hwy 628 to 96 Avenue (Acheson Zone 5 & 7) | \$ 8,911,350 | \$ | - | \$ | 146,571 | \$ 8,764,779 |
| 36 | 96th Avenue: Hwy 60 to 231st Street (Zone 6) | \$ 5,454,450 | | - | \$ | - | \$ 5,454,450 |
| 37 | 92nd Avenue: Hwy 60 to 231st Street (Zone 8) | \$ 2,905,475 | | - | \$ | - | \$ 2,905,475 |
| 38 | 96th Avenue & 231st Street Intersection (Zone 6) | \$ 43,125 | \$ | - | \$ | - | \$ 43,125 |
| 39 | 92nd Avenue & 231st Street Intersection (Zone 8) | \$ 43,125 | \$ | - | \$ | - | \$ 43,125 |
| 40 | Pinchbeck Rd: Hwy 16A to Hwy 628 (Zone 6 & 8) | \$ 242,420 | | - | \$ | - | \$ 242,420 |
| 41 | 96th Ave & Pinchbeck Rd Intersection (Zone 6) | \$ 362,250 | _ | - | \$ | - | \$ 362,250 |
| 42 | 92nd Ave & Pinchbeck Rd Intersection (Zone 8) | \$ 20,125 | \$ | - | \$ | - | \$ 20,125 |
| 43 | Collector Rd: Spruce Valley Rd to Hwy 44 (West Acheson Area 11) | \$ 207,259 | | - | \$ | - | \$ 207,259 |
| 44 | Atim Rd: Hwy 16 to Hwy 16A (West Acheson Area 11) | \$ 173,248 | _ | - | \$ | - | \$ 173,248 |
| 45 | Acheson Traffic Impact Assessment Update - 2019 | \$ 130,353 | \$ | - | \$ | 671 | \$ 129,682 |
| 46 | Acheson Traffic Impact Assessment Update - 2024 | \$ 60,375 | \$ | - | \$ | 452 | \$ 59,923 |
| 47 | Acheson Traffic Impact Assessment Update - 2029 | \$ 46,000 | \$ | - | \$ | 329 | \$ 45,671 |
| 48 | Acheson Traffic Impact Assessment Update - 2034 | \$ 31,625 | \$ | - | \$ | 206 | \$ 31,419 |
| 49 | Acheson Traffic Impact Assessment Update - 2039 | \$ 17,250 | | - | \$ | 83 | \$ 17,167 |
| 50 | 96th Ave: Spruce Valley Rd to Sandhills Rd (Acheson Zone 5 West) | \$ 292,330 | \$ | - | \$ | - | \$ 292,330 |
| 51 | Collector Rd & Atim Rd Intersection (West Acheson Area 11) | \$ 20,125 | \$ | | \$ | - 0.070.044 | \$ 20,125 |
| | | \$ 118,075,223 | \$ | 8,142,226 | \$ | 6,976,014 | \$ 102,956,983 |



D6. Summary of Transportation Offsite Levy Cost Flow-through

As shown in the figure below, the total cost for transportation infrastructure that forms the basis of the rate is approximately **\$102.96 million**. The cost allocations to each benefitting party are based on the benefitting percentages shown in Section D4. The offsite levy balance (due from developers) is allocated to various benefitting areas (as described in the next section).



= Existing
Development
(County Share)
\$0.00M

Total Transportation Offsite Levy Costs

D7. Transportation Infrastructure Benefiting Areas

Net developer costs for each project have been allocated to multiple benefiting offsite levy area (see tables below). Allocations are denoted with a "1" below applicable area numbers. Benefiting areas were determined by County staff. The lands anticipated to develop over the 25-years in each offsite levy benefitting area are used to determine rates.



Benefiting Areas for Transportation Offsite Infrastructure

| ltom | Day | veloper Cost | 101.0 | 102.0 | 103.0 | 103.1 | 104.0 | 104.1 | 105.0 | 105.1 | 106.0 | 107.0 | 108.0 | 109.0 | 110.0 | 111.0 | 111.1 | 201.0 | 201.1 | 202.0 | 203.0 | 204.0 | 205.0 | 206.0 | 207.0 | 208.0 | 208.1 | 301.0 | 302.0 | 302.1 | 303.0 | 304.0 |
|------|-----|--------------|-------|----------|----------|--|-------|----------------|----------|-------|-------|----------|-------|----------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 1 | | 1,544,011 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 001.0 | 002.0 | 002.1 | 000.0 | 004.0 |
| 2 | S | 3,948,378 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | |
| 3 | | 3,017,991 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | _ | | | _ | | | | | | | | |
| 4 | S | 6,854,498 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 |
| 5 | S | 1,121,148 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 |
| 6 | | 878,386 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | · | _ | _ | _ | _ |
| 7 | | 1,589,910 | _ | <u> </u> | <u> </u> | - | | - - | <u> </u> | _ | _ | <u> </u> | _ | <u> </u> | _ | <u> </u> | _ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | i i | 1 | - | | | - | - |
| 8 | \$ | 860.021 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | - | |
| 9 | | 822,250 | | | | | | | | | | | | | | | | | | | _ | | _ | | | | | 1 | 1 | 1 | 1 | 1 |
| 10 | | 3,302,096 | | | | 1 | - | _ | | | | | | | | | | | _ | | | | | | | _ | | 1 | 1 | 1 | 1 | 1 |
| 11 | | 6,265,539 | | | | | | | | | | | | | | | | | | | | | | | | | | - | _ | - | _ | _ |
| 12 | | 2.669.596 | | | | 1 | - | | | | | | | | | | | | | | | | | | | | | | | | - | - |
| 13 | | 731,785 | | | _ | - | _ | _ | | | | | | | | | | | | | | | | | | | | | | | - | - |
| 14 | | 1.076.785 | | | | 1 | 1 | | | - | | | - | | _ | | | _ | | - | | | | _ | | | - | | | | - | |
| | Ģ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | \$ | 5,788,824 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | 2,066,416 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | 1,796,161 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | 783,315 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | \$ | 375,569 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | \$ | 2,477,408 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | \$ | 703,438 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | \$ | 429,203 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | \$ | 2,420,243 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | \$ | 632,326 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | \$ | 450,630 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | \$ | 9,801,942 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | \$ | 649,920 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | S | 267.375 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | \$ | 213,900 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | s | 3.383,240 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | |
| 31 | s | (364,559) | | | | | | | | Ė | | | Ė | | _ | | | | | Ė | | | | | | | Ė | | | | | |
| 32 | S | 17,521,847 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | $\overline{}$ |
| 33 | Š | 39,445 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | S | 25,374 | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | S | 8,764,779 | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | \$ | 5,454,450 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | S | 2,905,475 | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | \$ | 43,125 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | \$ | 43,125 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| 40 | \$ | 242,420 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| 41 | \$ | 362,250 | | | | — | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| 42 | \$ | 20,125 | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | - | |
| 43 | \$ | 20,125 | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | \$ | 173,248 | | - | | - | - | - | | | | | | - | | | | | | | | | | | | | | | | | - | |
| 45 | | 129,682 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | - | - | - | - | - | - | - | - | - | 4 | - | - | _ | 4 |
| | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 46 | \$ | 59,923 | 1 | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 47 | \$ | 45,671 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 48 | \$ | 31,419 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 49 | \$ | 17,167 | 1 | 1 | 1_ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 | \$ | 292,330 | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | | 20,125 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ | 102,956,983 | l | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | Developer Cost | 401.0 | 401.1 | 402.0 | 403.0 | 404.0 | 405.0 | 406.0 | 407.0 | 408.0 | 408.1 | 501.0 | 502.0 | 502.1 | 503.0 | 503.1 | 504.0 | 504.1 | 505.0 | 506.0 | 507.0 | 508.0 | 601.0 | 602.0 | 603.0 | 604.0 | 605.0 | 606.0 | 607.0 | 608.0 |
|----|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | \$ 1,544,011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 3,948,378 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 3,017,991 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 6,854,498 | | _ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 1,121,148 | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | |
| | \$ 878,386 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 1,589,910 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 860,021 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 822,250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 3,302,096 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1_ | 1_ | | | | | | | | | | | | | | | | | | | |
| | \$ 6,265,539 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | _ | |
| | \$ 2,669,596 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1_ | | | | | | | | | | | | | | | | | | | |
| 13 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | |
| | \$ 1,076,785 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | |
| | \$ 5,788,824 | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | |
| | \$ 2,066,416 | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 1,796,161 | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | |
| | \$ 783,315 | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | |
| 19 | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | |
| | \$ 2,477,408 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 703,438 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 429,203 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 2,420,243 | | _ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 632,326 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 450,630 | | _ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 9,801,942 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 649,920 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 267,375 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 213,900 | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ | |
| | \$ 3,383,240 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ (364,559) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 17,521,847 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 39,445 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 25,374 | | _ | | | | | | | | | | | | _ | | | | | | | | | | | | | | | |
| | \$ 8,764,779 | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | _ | _ | | _ | | | _ |
| | \$ 5,454,450 \$ 2,905,475 | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | 1 | 1 | 1 | 1 | 1 | 1_ |
| | | | | | | | | | | | | | | | | | | | | | | | 4 | - | 4 | 4 | - | 4 | - | - |
| | \$ 43,125 \$ 43,125 | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 43,125 \$ 242,420 | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 362,250 | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 20,125 | | _ | | | | | | | | | | | | _ | _ | | | _ | | | | _ | _ | _ | _ | _ | _ | | _ |
| | \$ 207,259 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | \$ 207,259 \$ 173,248 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | \$ 173,248 \$ 129,682 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 59,923 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 59,923 \$ 45.671 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | + | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 31,419 | 1 | + | 1 | 1 | 1 | 1 | 1 | 1 | 1 | + | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 17,167 | 1 | 1 | + | 1 | 1 | 1 | 1 | 1 | + | ÷ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 292,330 | | | _ | _ | _ | _ | _ | | | | _ | H | | H | | _ | Η- | - | _ | _ | _ | | _ | H | _ | _ | _ | _ | H- |
| | \$ 292,330 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| | \$ 102,956,983 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Ψ 102,330,963 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | Developer Cost | 701.0 | 702.0 | 703.0 | 704.0 | 705.0 | 706.0 | 707.0 | 708.0 | 801.0 | 802.0 | 803.0 | 804.0 | 805.0 | 806.0 | 807.0 | 808.0 | 901.0 | 902.0 | 903.0 | 904.0 | 1001.0 | 1002.0 | 1003.0 | 1004.0 | 1005.0 | 1006.0 | 1007.0 | 1101.0 | 1102.0 | 1103.0 | 1104.0 |
|----|-------------------------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|----------|-------|-------|----------|-------|----------|--------|--------|--------|----------|--------|--------|--------|--------|---------------------|---------------|--------|
| 1 | \$ 1,544,011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | igspace | | |
| | \$ 3,948,378 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ldot | | - |
| | \$ 3,017,991 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ldot | | |
| | \$ 6,854,498 | | | | _ | | | | | | | | | | | | | | | | | | | | | | | | | $oldsymbol{}$ | 1_ | 1 |
| | \$ 1,121,148 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | 1 | 1 |
| | \$ 878,386 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | $oldsymbol{\sqcup}$ | | |
| | \$ 1,589,910 | | | | _ | - | | | | | | | | | | | | | | | | | | | | | | | | igspace | - | - |
| | \$ 860,021 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | $oldsymbol{}$ | $\overline{}$ | - |
| | \$ 822,250 | | | | _ | - | | | | | | | | | | | | | | | | | | | | | | | | igspace | - | |
| 10 | \$ 3,302,096 | | | | _ | - | | | | | | | | | | | | | | | | | | | | _ | | | | igspace | - | |
| | \$ 6,265,539 | | | | _ | - | | | | | | | | | | | | | | | | | | | | | | | | - | - | |
| | \$ 2,669,596 | | | | _ | - | | | | | | | | | | | | | | | | | | | | | | | | igspace | - | |
| | \$ 731,785 | | | | _ | | | | | | | | | | | | | | | | | | | | | _ | | | | - | $\overline{}$ | |
| 14 | \$ 1,076,785 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 5,788,824 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 2,066,416 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 1,796,161 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 783,315 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 375,569 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 2,477,408 | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
| | \$ 703,438 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
| | \$ 429,203 | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
| 23 | \$ 2,420,243 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | |
| 24 | \$ 632,326 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | 1 | 1 | | |
| | \$ 450,630 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | |
| 26 | \$ 9,801,942 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 649,920 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 267,375 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | \$ 213,900 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | igspace | | |
| 30 | \$ 3,383,240 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ (364,559) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | _1_ | | | | | | | | | | | | | igspace | | |
| 32 | \$ 17,521,847 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | igspace | | |
| | \$ 39,445 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 25,374 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | igspace | | |
| | \$ 8,764,779 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | igspace | | |
| | \$ 5,454,450 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 37 | \$ 2,905,475 | | | | _ | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | ш | | - |
| 38 | \$ 43,125 | | | | _ | | | | | _ | | | | | | | | | | | | | | | | | | | | - | | |
| | \$ 43,125 | - | | | _ | | _ | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | - | | - |
| | \$ 242,420 | | | | _ | | _ | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | - | | - |
| 41 | \$ 362,250 | | | | | | | | | _ | | | | <u> </u> | | <u> </u> | | | | | | | | | | | | | | - | | - |
| | \$ 20,125 | | | | - | | _ | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | - | | - |
| 43 | \$ 207,259 | | | | _ | - | - | | | | | | | | | | | | | | | | | | | | | | | - | 1 | 1 |
| 44 | \$ 173,248 | - | - | - | . | _ | | _ | _ | - | _ | - | _ | _ | _ | _ | _ | _ | — | _ | | | - | _ | | | - | _ | _ | | 1 | 1 |
| | \$ 129,682 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1_1 | 1 | 1_1 | 1_ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1_1 | 1 |
| 46 | \$ 59,923 \$ 45,671 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | 1 | | |
| | \$ 31,419 \$ 17,167 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 11 | 1 | 11 | 11 | 1_4 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1_ | 1 | 1 | 1 |
| 50 | \$ 17,167 \$ 292,330 | 1 | _ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 11 | 1 | _ | _ | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | | , |
| | \$ 292,330 | - | | | \vdash | | - | | | | | | | | | | | | | | \vdash | | | | \vdash | | | | | - | 1 | 1 |
| | \$ 102,956,983 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ | | |
| | φ 102,950,983 | ı | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Item | Developer Cost | 1105.0 | 1106.0 | 1107.0 | 1108.0 | 1109.0 | 1110.0 | 1111.0 | 1112.0 | 1113.0 | 1201.0 | 1202.0 | 1203.0 | 1204.0 | 1205.0 | 1301.0 | 1302.0 | 1303.0 | 1304.0 | 1401.0 | 1402.0 | 1403.0 | 1404.0 | 1405.0 | 1501.0 | 1502.0 | 1600.1 | 1600.2 | 1600.3 | 1600.4 | 1600.5 | 1600.6 | 1600.7 | 1600.8 |
|------|----------------|----------|----------|--------|----------|----------|----------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|----------------|---------------|--------|
| 1 | \$ 1,544,011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | |
| 2 | \$ 3,948,378 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | |
| 3 | \$ 3,017,991 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | \$ 6,854,498 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | \$ 1,121,148 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | |
| 7 | \$ 1,589,910 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | |
| 8 | \$ 860,021 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | |
| 9 | \$ 822,250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | \$ 3,302,096 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 14 | \$ 1,076,785 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | لست | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 19 | \$ 375,569 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | |
| 21 | \$ 703,438 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | |
| 22 | \$ 429,203 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | \$ 632,326 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 26 | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | ullet | | |
| 27 | \$ 649,920 | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | ш | | |
| 30 | \$ 3,383,240 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 33 | \$ 39,445 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | $\overline{}$ | |
| 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | $\overline{}$ | |
| 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | $\overline{}$ | |
| 36 | | | | | | | _ | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 37 | | | | | | | - | | | | | | | | | | | | | | | | | | | | | | | | | - | - | |
| 38 | | | | | | 1 | 1 | | | | | | | | | _ | | | | | | | | | | | | | | | | \blacksquare | | |
| 39 | | | | | | | _ | | | | | | | | | | | | | | | | | | | | | | | | | \blacksquare | | |
| 40 | \$ 242,420 | | | | | | _ | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 41 | \$ 362,250 | | | | | | _ | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 42 | | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | . | <u> </u> | | | | | | | | | | | | | | | | | | | | | | | | \blacksquare | | |
| 43 | \$ 207,259 | 1 | 1 | 1 | 1 | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | - | - | |
| 44 | \$ 173,248 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | L . | | | | | | | | | | | | | | | | | | _ | . | | | _ | لبا | | |
| 45 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 46 | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | | | | | _ | | | | | - | _ | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 47 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | _ | | | | | - | _ | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 48 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 49 | \$ 17,167 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | _ | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 | \$ 292,330 | <u> </u> | _ | | _ | <u> </u> | - | | _ | | | | | | | | | | | _ | | | | | 1 | 1 | | | | | | $oldsymbol{}$ | | |
| 51 | \$ 20,125 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 102,956,983 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



D8. Development and Transportation Infrastructure Staging Impacts

Transportation offsite infrastructure will be constructed in a staged fashion over the 25-year review period. County Staff have reviewed the availability of offsite levy funds to meet these construction requirements and found that offsite levy reserve funds will not be sufficient to pay for construction of transportation infrastructure from time to time, therefore front ending of infrastructure will be required. A front-ender is the party that constructs and pays up front for infrastructure that benefits other parties.

To compensate parties for capital they provide in front-ending offsite infrastructure construction, a **2.31%** interest allowance has been charged to the reserve when it is forecast to be in a negative balance. Further, a **2.25%** interest credit has been provided to the reserve when it is forecast to be in a positive balance. The graph and table below outline the forecast transportation levy reserve balances over the 25-year development period.

If necessary, an interest staging adjustment has been applied to rates (slightly positive or slightly negative) to ensure that the forecast reserve balance at the end of the 25-year review period always returns to break-even (i.e., developers are not charged too much thereby providing a windfall to the County, nor are they charged too little thereby placing an unequitable burden on taxpayers).



APPENDIX E: STORMWATER OFFSITE INFRASTRUCTURE

E1. Stormwater Offsite Infrastructure Costs

To support future growth, stormwater offsite infrastructure is required. The estimated cost of this infrastructure is based upon: (a) actual construction costs to the cut-off date, (b) debenture interest associated with financing, and (c) future cost estimates. Total cost is approximately **\$44.47 million** as outlined in the table below. Actual costs, infrastructure staging, and cost estimates were provided by County Engineering staff. It is important to note that these costs represent "gross" costs, of which only a portion will go to support future development during the 25-year review period. The remainder of this section outlines how the "net" costs for future development are determined.

<u>Summary of Stormwater Offsite Infrastructure</u>

| Item | Project Description | Com | Cost of npleted Work | Debenture Interest | timated Cost of Fork Yet to be Completed | | otal Project |
|------|---|-----|----------------------|-----------------------|--|----|--------------|
| 1 | Outfall | \$ | 15,815,936 | \$ 3,423,959.54 | \$ - | \$ | 19,239,895 |
| 2 | Acheson Big Lake Master Drainage Plan Update - 2021 | \$ | - | \$ - | \$ 67,500 | \$ | 67,500 |
| 3 | Collector Stage 1, Zone 5 N-111 to N-112 | \$ | 920,460 | \$ - | \$ - | \$ | 920,460 |
| 4 | Collector Stage 1, Zone 5 N-112 to N-113 | \$ | 1,195,725 | \$ - | \$ - | \$ | 1,195,725 |
| 5 | Collector Stage 1, Zone 5 N-113 to N-114 | \$ | 267,775 | \$ - | \$ - | \$ | 267,775 |
| 6 | Collector Stage 1, Zone 5 N-114 to N-115 | \$ | 516,566 | \$ - | \$ - | \$ | 516,566 |
| | Collector Stage 1, Zone 5 N-115 to N-116 | \$ | 352,440 | \$ - | \$ - | \$ | 352,440 |
| 8 | Collector Stage 1, Zone 5 N-116 to N-117 | \$ | 237,614 | \$ - | \$ - | \$ | 237,614 |
| 9 | Collector Stage 1, Zone 5 N-117 to N-118 | \$ | 560,200 | \$ - | \$ - | \$ | 560,200 |
| 10 | Collector Stage 1, Zone 5,6,7&8 N-118 to N110 | \$ | 1,863,985 | \$ - | \$ 12,725 | \$ | 1,876,710 |
| 11 | Collector Stage 1, Zone 5,6,7&8 N-110 to N104 | \$ | 3,113,467 | \$ - | \$ 12,725 | \$ | 3,126,192 |
| 12 | Acheson Big Lake Master Drainage Plan Update - 2026 | \$ | - | \$ - | \$ 67,500 | \$ | 67,500 |
| 13 | Collector Stage 2, Zone 4&6 N-201 to N-202 | \$ | - | \$ - | \$ 64,609 | \$ | 64,609 |
| 14 | Collector Stage 2, Zone 4&6 N-202 to N-203 | \$ | - | \$ - | \$ 1,765,641 | \$ | 1,765,641 |
| 15 | Collector Stage 2, Zone 4&6 N-203 to N-104 | \$ | - | \$ - | \$ 945,451 | \$ | 945,451 |
| | Collector Stage 2, Zone 4&6 N-204 to N-118 | \$ | 1,582,612 | \$ - | \$ 134,529 | \$ | 1,717,141 |
| 17 | Acheson Big Lake Master Drainage Plan Update - 2031 | \$ | - | \$ - | \$ 67,500 | \$ | 67,500 |
| 18 | Acheson Big Lake Master Drainage Plan Update - 2036 | \$ | - | \$ - | \$ 67,500 | \$ | 67,500 |
| 19 | Collector Stage 3, Zone 7 N-301 to N-302 | \$ | - | \$ - | \$ 810.101 | \$ | 810.101 |
| | Collector Stage 3, Zone 7 N-302 to N-303 | \$ | - | \$ - | \$ 60,804 | • | 60,804 |
| | Collector Stage 3, Zone 7 N-303 to N-304 | \$ | - | \$ - | \$ 536.345 | \$ | 536.345 |
| | Collector Stage 3, Zone 7 N-304 to N-305 | \$ | - | \$ - | \$ 558,710 | \$ | 558,710 |
| | Collector Stage 3, Zone 7 N-305 to N-306 | \$ | 288,936 | \$ _ | \$ 1,383,543 | \$ | 1,672,479 |
| | Collector Stage 3, Zone 7 N-306 to N-307 | \$ | 1.039.492 | \$ - | \$ 99.944 | \$ | 1,139,436 |
| | Collector Stage 3, Zone 7&8 N-307 to N-204 | \$ | - | \$ - | \$ 949,158 | \$ | 949,158 |
| | Collector Stage 3, Zone 8 N-308 to N-307 | \$ | _ | \$ | \$ 738.824 | \$ | 738.824 |
| 27 | Collector Stage 3, Zone 8 N-309 to N-310 | \$ | _ | \$ - | \$ 528.051 | \$ | 528.051 |
| | Collector Stage 3, Zone 8 N-310 to N-311 | \$ | _ | \$ | \$ 300,802 | \$ | 300,802 |
| | Collector Stage 3, Zone 8 N-311 to N-312 | \$ | _ | \$ _ | \$ 372.003 | \$ | 372.003 |
| | Collector Stage 3, Zone 6 N-312 to N-313 | \$ | _ | \$ | \$ 366,778 | \$ | 366,778 |
| | Collector Stage 3, Zone 6 N-313 to N-314 | \$ | _ | \$ - | \$ 353.167 | \$ | 353.167 |
| | Collector Stage 3, Zone 6 N-314 to N-315 | \$ | _ | \$ _ | \$ 94.576 | \$ | 94.576 |
| | Collector Stage 3, Zone 6 N-315 to N-316 | \$ | _ | \$ - | \$ 239,090 | \$ | 239,090 |
| | Collector Stage 3, Zone 6 N-316 to N-317 | \$ | _ | \$ _ | \$ 2.623.937 | \$ | 2,623,937 |
| | Acheson Big Lake Master Drainage Plan Update - 2041 | \$ | - | \$ - | \$ 67,500 | \$ | 67,500 |
| | | \$ | 27,755,207 | \$ 3,423,960 | \$ 13,289,012 | \$ | 44,468,178 |

^{*}Costs are based on 2019 estimates and include engineering costs and contingencies.



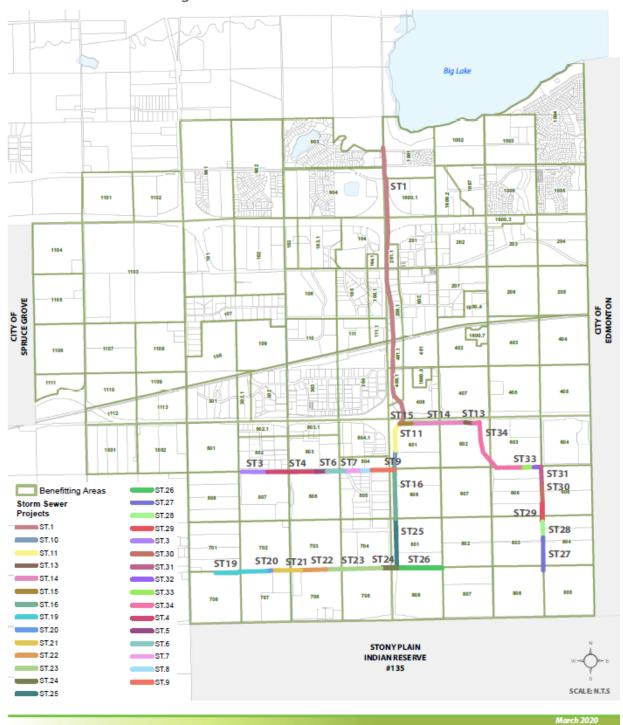
A map showing the location of the stormwater offsite infrastructure is shown below.

<u>Location of Stormwater Offsite Infrastructure</u>

Off-Site Levy Projects



Schedule K: Acheson/Big Lake Storm Sewer Offsite Infrastructure





E2. Stormwater Offsite Infrastructure Grants & Contributions to Date

The MGA enables the County to allocate the costs of offsite infrastructure to future development, other than those costs that have been provided by way of special grant or contribution (i.e., contributed infrastructure). Parkland County has/will receive \$1.28 million in special grants and contributions for stormwater offsite levy infrastructure as shown in the table below (note, if the County receives other grants or contributions in the future, it will be reflected in one of the annual updates and rates adjusted accordingly). The result is that the total reduced project cost is \$43.19 million.

Special Grants and Contributions for Stormwater Offsite Infrastructure

| Item | Project Description | otal Project imated Cost | SĮ | pecial Provincial Grants | Ó | Developer Agreement Contributions | C | Other Contributions | uced Project imated Cost |
|---------------|---|-----------------------------|----|-----------------------------|-----------|---|----|------------------------|-----------------------------|
| | Outfall | \$ 19,239,895 | \$ | - | \$ | 1,008,910 | \$ | - | \$ 18,230,985 |
| 2 | Acheson Big Lake Master Drainage Plan Update - 2021 | \$ 67,500 | \$ | - | \$ | - | \$ | - | \$ 67,500 |
| 3 | Collector Stage 1, Zone 5 N-111 to N-112 | \$ 920,460 | \$ | - | \$ | - | \$ | 271,401 | \$ 649,059 |
| 4 | Collector Stage 1, Zone 5 N-112 to N-113 | \$ 1,195,725 | \$ | - | \$ | - | \$ | - | \$ 1,195,725 |
| 5 | Collector Stage 1, Zone 5 N-113 to N-114 | \$ 267,775 | \$ | - | \$ | - | \$ | - | \$ 267,775 |
| 6 | Collector Stage 1, Zone 5 N-114 to N-115 | \$ 516,566 | \$ | - | \$ | - | \$ | - | \$ 516,566 |
| 7 | Collector Stage 1, Zone 5 N-115 to N-116 | \$ 352,440 | \$ | - | \$ | - | \$ | - | \$ 352,440 |
| 8 | Collector Stage 1, Zone 5 N-116 to N-117 | \$ 237,614 | \$ | - | \$ | - | \$ | - | \$ 237,614 |
| 9 | Collector Stage 1, Zone 5 N-117 to N-118 | \$ 560,200 | \$ | - | 65 | - | \$ | - | \$ 560,200 |
| 10 | Collector Stage 1, Zone 5,6,7&8 N-118 to N110 | \$ 1,876,710 | \$ | | \$ | - | \$ | - | \$ 1,876,710 |
| 11 | Collector Stage 1, Zone 5,6,7&8 N-110 to N104 | \$ 3,126,192 | \$ | - | \$ | - | \$ | - | \$ 3,126,192 |
| 12 | Acheson Big Lake Master Drainage Plan Update - 2026 | \$ 67,500 | \$ | - | \$ | - | \$ | - | \$ 67,500 |
| 13 | Collector Stage 2, Zone 4&6 N-201 to N-202 | \$ 64,609 | \$ | - | \$ | - | \$ | - | \$ 64,609 |
| 14 | Collector Stage 2, Zone 4&6 N-202 to N-203 | \$ 1,765,641 | \$ | - | \$ | - | \$ | - | \$ 1,765,641 |
| 15 | Collector Stage 2, Zone 4&6 N-203 to N-104 | \$ 945,451 | \$ | - | \$ | - | \$ | - | \$ 945,451 |
| 16 | Collector Stage 2, Zone 4&6 N-204 to N-118 | \$ 1,717,141 | \$ | - | \$ | - | \$ | - | \$ 1,717,141 |
| 17 | Acheson Big Lake Master Drainage Plan Update - 2031 | \$ 67,500 | \$ | - | \$ | - | \$ | - | \$ 67,500 |
| 18 | Acheson Big Lake Master Drainage Plan Update - 2036 | \$ 67,500 | \$ | - | \$ | - | \$ | - | \$ 67,500 |
| 19 | Collector Stage 3, Zone 7 N-301 to N-302 | \$ 810.101 | \$ | - | \$ | - | \$ | - | \$ 810.101 |
| | Collector Stage 3, Zone 7 N-302 to N-303 | \$ 60,804 | \$ | - | \$ | - | \$ | - | \$ 60,804 |
| | Collector Stage 3, Zone 7 N-303 to N-304 | \$ 536,345 | | | \$ | - | \$ | - | \$ 536,345 |
| | Collector Stage 3, Zone 7 N-304 to N-305 | \$ 558,710 | _ | | \$ | - | \$ | - | \$ 558,710 |
| | Collector Stage 3, Zone 7 N-305 to N-306 | \$ 1,672,479 | _ | | \$ | - | \$ | - | \$ 1,672,479 |
| | Collector Stage 3, Zone 7 N-306 to N-307 | \$ 1,139,436 | _ | | \$ | - | \$ | - | \$ 1,139,436 |
| 25 | Collector Stage 3, Zone 7&8 N-307 to N-204 | \$ 949,158 | \$ | - | \$ | | \$ | - | \$ 949,158 |
| | Collector Stage 3, Zone 8 N-308 to N-307 | \$ 738,824 | \$ | | \$ | - | \$ | - | \$ 738,824 |
| 27 | Collector Stage 3, Zone 8 N-309 to N-310 | \$ 528.051 | \$ | | \$ | - | \$ | - | \$ 528,051 |
| 28 | Collector Stage 3, Zone 8 N-310 to N-311 | \$ 300.802 | \$ | - | \$ | - | \$ | - | \$ 300,802 |
| | Collector Stage 3, Zone 8 N-311 to N-312 | \$ 372,003 | \$ | - | \$ | | \$ | - | \$ 372,003 |
| $\overline{}$ | Collector Stage 3, Zone 6 N-312 to N-313 | \$ 366,778 | \$ | - | \$ | | \$ | - | \$ 366,778 |
| | Collector Stage 3, Zone 6 N-313 to N-314 | \$ 353,167 | \$ | - | \$ | | \$ | - | \$ 353,167 |
| | Collector Stage 3, Zone 6 N-314 to N-315 | \$ 94,576 | \$ | | \$ | - | \$ | - | \$ 94,576 |
| | Collector Stage 3, Zone 6 N-315 to N-316 | \$ 239,090 | _ | | \$ | | \$ | - | \$ 239,090 |
| | Collector Stage 3, Zone 6 N-316 to N-317 | \$ 2,623,937 | \$ | | \$ | - | \$ | - | \$ 2,623,937 |
| | Acheson Big Lake Master Drainage Plan Update - 2041 | \$ 67,500 | \$ | | \$ | - | \$ | - | \$ 67,500 |
| | | \$ 44,468,178 | \$ | - | \$ | 1,008,910 | \$ | 271,401 | \$ 43,187,866 |



E3. Stormwater Infrastructure Staging

The timing of construction is used to determine the impact of inflation on cost, the impact of forecast reserve balances, and the estimate of financial oversizing (described in Section E4). The County anticipates construction of offsite infrastructure as outlined in the table below. Note, if this schedule is adjusted in the future, it will be reflected in one of the County's annual rate/bylaw updates.

Stormwater Infrastructure Staging

| Item | Project Description | Construction Start Year |
|------|---|----------------------------|
| 1 | Outfall | 2016 |
| 2 | Acheson Big Lake Master Drainage Plan Update - 2021 | 2021 |
| 3 | Collector Stage 1, Zone 5 N-111 to N-112 | 2016 |
| 4 | Collector Stage 1, Zone 5 N-112 to N-113 | 2016 |
| 5 | Collector Stage 1, Zone 5 N-113 to N-114 | 2016 |
| 6 | Collector Stage 1, Zone 5 N-114 to N-115 | 2016 |
| 7 | Collector Stage 1, Zone 5 N-115 to N-116 | 2016 |
| 8 | Collector Stage 1, Zone 5 N-116 to N-117 | 2016 |
| 9 | Collector Stage 1, Zone 5 N-117 to N-118 | 2016 |
| 10 | Collector Stage 1, Zone 5,6,7&8 N-118 to N110 | 2017 |
| 11 | Collector Stage 1, Zone 5,6,7&8 N-110 to N104 | 2017 |
| 12 | Acheson Big Lake Master Drainage Plan Update - 2026 | 2026 |
| 13 | Collector Stage 2, Zone 4&6 N-201 to N-202 | 2041 |
| 14 | Collector Stage 2, Zone 4&6 N-202 to N-203 | 2023 |
| 15 | Collector Stage 2, Zone 4&6 N-203 to N-104 | 2023 |
| 16 | Collector Stage 2, Zone 4&6 N-204 to N-118 | 2019 |
| 17 | Acheson Big Lake Master Drainage Plan Update - 2031 | 2031 |
| 18 | Acheson Big Lake Master Drainage Plan Update - 2036 | 2036 |
| 19 | Collector Stage 3, Zone 7 N-301 to N-302 | 2044 |
| 20 | Collector Stage 3, Zone 7 N-302 to N-303 | 2037 |
| 21 | Collector Stage 3, Zone 7 N-303 to N-304 | 2037 |
| 22 | Collector Stage 3, Zone 7 N-304 to N-305 | 2020 |
| 23 | Collector Stage 3, Zone 7 N-305 to N-306 | 2019 |
| 24 | Collector Stage 3, Zone 7 N-306 to N-307 | 2019 |
| 25 | Collector Stage 3, Zone 7&8 N-307 to N-204 | 2019 |
| 26 | Collector Stage 3, Zone 8 N-308 to N-307 | 2044 |
| 27 | Collector Stage 3, Zone 8 N-309 to N-310 | 2044 |
| 28 | Collector Stage 3, Zone 8 N-310 to N-311 | 2044 |
| 29 | Collector Stage 3, Zone 8 N-311 to N-312 | 2044 |
| 30 | Collector Stage 3, Zone 6 N-312 to N-313 | 2044 |
| 31 | Collector Stage 3, Zone 6 N-313 to N-314 | 2044 |
| 32 | Collector Stage 3, Zone 6 N-314 to N-315 | 2044 |
| 33 | Collector Stage 3, Zone 6 N-315 to N-316 | 2022 |
| 34 | Collector Stage 3, Zone 6 N-316 to N-317 | 2022 |
| 35 | Acheson Big Lake Master Drainage Plan Update - 2041 | 2041 |

^{*}The share of projects constructed beyond the 25-year review period are not included in rates today (see financial oversizing in next section).

^{**}Project costs were inflated by 2% per annum for the first 3 years, and 3% per annum thereafter to the year of construction.

^{***}A blank year (if any) represents a project which has been combined with another project, costs have been removed from the model, or project has been completed.



E4. Stormwater Offsite Infrastructure Benefiting Parties

The stormwater offsite infrastructure previously outlined will benefit various parties to varying degrees as determined by County staff. Four potential benefiting parties were identified including:

- Parkland County a portion of the stormwater infrastructure which is required to service existing residents/businesses.
- Other Stakeholders other parties (such as neighboring municipalities) that benefit from the infrastructure.
- Parkland County Future Development (Financial Oversizing) that portion of cost which benefits future development beyond the 25-year review period.
- Parkland County Future Development (In Rates) all growth-related infrastructure (i.e., levyable stormwater infrastructure costs) during the 25-year rate planning period.

The table below outlines the allocation of stormwater offsite levy infrastructure costs to benefiting parties. Project allocations were determined by County staff.

Allocation of Stormwater Infrastructure to Benefiting Parties

| Item | Project Description | Reduced Project Estimated Cost | Muni Share % | Other Stakeholder Share | Developer Share Beyond 25 Yrs (Financial Oversizing %) | OSL / Developer Share % |
|------|---|-----------------------------------|--------------|----------------------------|---|----------------------------|
| 1 | Outfall | \$ 18,230,985 | | | 0.0% | 100.0% |
| 2 | Acheson Big Lake Master Drainage Plan Update - 2021 | \$ 67,500 | | | 0.0% | 100.0% |
| 3 | Collector Stage 1, Zone 5 N-111 to N-112 | \$ 649,059 | | | 0.0% | 100.0% |
| 4 | Collector Stage 1, Zone 5 N-112 to N-113 | \$ 1,195,725 | | | 0.0% | 100.0% |
| | Collector Stage 1, Zone 5 N-113 to N-114 | \$ 267,775 | | | 0.0% | 100.0% |
| 6 | Collector Stage 1, Zone 5 N-114 to N-115 | \$ 516,566 | | | 0.0% | 100.0% |
| 7 | Collector Stage 1, Zone 5 N-115 to N-116 | \$ 352,440 | | | 0.0% | 100.0% |
| | Collector Stage 1, Zone 5 N-116 to N-117 | \$ 237,614 | | | 0.0% | 100.0% |
| | Collector Stage 1, Zone 5 N-117 to N-118 | \$ 560,200 | | | 0.0% | 100.0% |
| | Collector Stage 1, Zone 5,6,7&8 N-118 to N110 | \$ 1,876,710 | | | 0.0% | 100.0% |
| | Collector Stage 1, Zone 5,6,7&8 N-110 to N104 | \$ 3,126,192 | | | 0.0% | 100.0% |
| 12 | Acheson Big Lake Master Drainage Plan Update - 2026 | \$ 67,500 | | | 24.0% | 76.0% |
| 13 | Collector Stage 2, Zone 4&6 N-201 to N-202 | \$ 64,609 | | | 84.0% | 16.0% |
| 14 | Collector Stage 2, Zone 4&6 N-202 to N-203 | \$ 1,765,641 | | | 12.0% | 88.0% |
| 15 | Collector Stage 2, Zone 4&6 N-203 to N-104 | \$ 945,451 | | | 12.0% | 88.0% |
| | Collector Stage 2, Zone 4&6 N-204 to N-118 | \$ 1,717,141 | | | 0.0% | 100.0% |
| 17 | Acheson Big Lake Master Drainage Plan Update - 2031 | \$ 67,500 | | | 44.0% | 56.0% |
| 18 | Acheson Big Lake Master Drainage Plan Update - 2036 | \$ 67,500 | | | 64.0% | 36.0% |
| 19 | Collector Stage 3, Zone 7 N-301 to N-302 | \$ 810,101 | | | 96.0% | 4.0% |
| 20 | Collector Stage 3, Zone 7 N-302 to N-303 | \$ 60,804 | | | 68.0% | 32.0% |
| | Collector Stage 3, Zone 7 N-303 to N-304 | \$ 536,345 | | | 68.0% | 32.0% |
| 22 | Collector Stage 3, Zone 7 N-304 to N-305 | \$ 558,710 | | | 0.0% | 100.0% |
| 23 | Collector Stage 3, Zone 7 N-305 to N-306 | \$ 1,672,479 | | | 0.0% | 100.0% |
| 24 | Collector Stage 3, Zone 7 N-306 to N-307 | \$ 1,139,436 | | | 0.0% | 100.0% |
| | Collector Stage 3, Zone 7&8 N-307 to N-204 | \$ 949,158 | | | 0.0% | 100.0% |
| | Collector Stage 3, Zone 8 N-308 to N-307 | \$ 738,824 | | | 96.0% | 4.0% |
| 27 | Collector Stage 3, Zone 8 N-309 to N-310 | \$ 528,051 | | | 96.0% | 4.0% |
| | Collector Stage 3, Zone 8 N-310 to N-311 | \$ 300,802 | | | 96.0% | 4.0% |
| | Collector Stage 3, Zone 8 N-311 to N-312 | \$ 372,003 | | | 96.0% | 4.0% |
| | Collector Stage 3, Zone 6 N-312 to N-313 | \$ 366,778 | | | 96.0% | 4.0% |
| | Collector Stage 3, Zone 6 N-313 to N-314 | \$ 353,167 | | | 96.0% | 4.0% |
| | Collector Stage 3, Zone 6 N-314 to N-315 | \$ 94,576 | | | 96.0% | 4.0% |
| | Collector Stage 3, Zone 6 N-315 to N-316 | \$ 239,090 | | | 8.0% | 92.0% |
| | Collector Stage 3, Zone 6 N-316 to N-317 | \$ 2,623,937 | | | 8.0% | 92.0% |
| 35 | Acheson Big Lake Master Drainage Plan Update - 2041 | \$ 67,500 | | | 84.0% | 16.0% |
| | | \$ 43,187,866 | | • | | |

^{**}Financial oversizing is determined by separating out the pro rata portion of developer cost beyond the 25-year review period, in comparison with the anticipated year of construction. In future, as the 25-year review period moves further out these additional developer costs will gradually be included in future rate calculations.



E5. Existing Receipts & Adjusted Levy Cost

Using the offsite levy share percentages shown in the previous section and applying those percentages to project costs results in an offsite levy cost of approximately \$38.61 million. However, prior to allocating these costs to benefiting areas, existing offsite levy receipts collected from developers need to be considered in determining the residual/net costs to developers. The County has collected \$8.79 million in offsite levies to date. This results in an adjusted offsite levy cost of approximately \$29.82 million.

Offsite Levy Funds Collected to Date & Adjusted Levy Cost

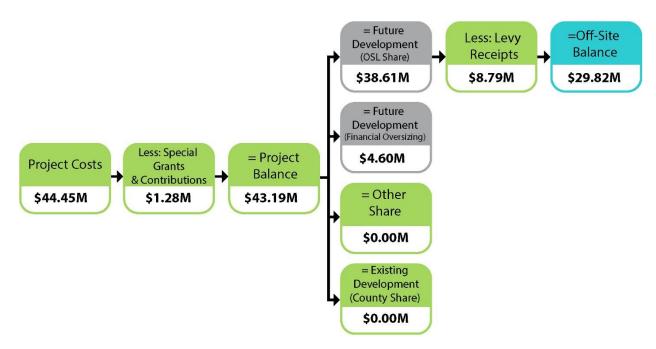
| Item | Project Description | osi | L / Developer Cost | Fur | Offsite Levy nds Collected der Old Bylaw #52-2003 | Fu | Offsite Levy ands Collected starting Jan 1, 2013 | Dev | Adjusted veloper (Levy) Cost |
|------|---|-----|-----------------------|-----|--|----|---|-----|------------------------------------|
| 1 | Outfall | \$ | 18,230,985 | \$ | 2,964,467 | \$ | 2,940,159 | \$ | 12,326,359 |
| 2 | Acheson Big Lake Master Drainage Plan Update - 2021 | \$ | 67,500 | \$ | - | \$ | 736 | \$ | 66,764 |
| 3 | Collector Stage 1, Zone 5 N-111 to N-112 | \$ | 649,059 | \$ | - | \$ | - | \$ | 649,059 |
| 4 | Collector Stage 1, Zone 5 N-112 to N-113 | \$ | 1,195,725 | \$ | - | \$ | - | \$ | 1,195,725 |
| | Collector Stage 1, Zone 5 N-113 to N-114 | \$ | 267,775 | \$ | - | \$ | 18,731 | \$ | 249,044 |
| | Collector Stage 1, Zone 5 N-114 to N-115 | \$ | 516,566 | \$ | - | \$ | 32,665 | \$ | 483,900 |
| | Collector Stage 1, Zone 5 N-115 to N-116 | \$ | 352,440 | \$ | - | \$ | 22,387 | \$ | 330,053 |
| | Collector Stage 1, Zone 5 N-116 to N-117 | \$ | 237,614 | \$ | - | \$ | 75,353 | \$ | 162,261 |
| 9 | Collector Stage 1, Zone 5 N-117 to N-118 | \$ | 560,200 | \$ | - | \$ | 260,378 | \$ | 299,822 |
| | Collector Stage 1, Zone 5,6,7&8 N-118 to N110 | \$ | 1,876,710 | \$ | - | \$ | 535,544 | \$ | 1,341,165 |
| | Collector Stage 1, Zone 5,6,7&8 N-110 to N104 | \$ | 3,126,192 | \$ | - | \$ | 999,645 | \$ | 2,126,546 |
| 12 | Acheson Big Lake Master Drainage Plan Update - 2026 | \$ | 51,300 | \$ | - | \$ | 553 | \$ | 50,747 |
| 13 | Collector Stage 2, Zone 4&6 N-201 to N-202 | \$ | 10,337 | \$ | - | \$ | - | \$ | 10,337 |
| | Collector Stage 2, Zone 4&6 N-202 to N-203 | \$ | 1,553,764 | \$ | - | \$ | - | \$ | 1,553,764 |
| 15 | Collector Stage 2, Zone 4&6 N-203 to N-104 | \$ | 831,997 | \$ | - | \$ | - | \$ | 831,997 |
| | Collector Stage 2, Zone 4&6 N-204 to N-118 | \$ | 1,717,141 | \$ | - | \$ | 348,672 | \$ | 1,368,469 |
| 17 | Acheson Big Lake Master Drainage Plan Update - 2031 | \$ | 37,800 | \$ | - | \$ | 394 | \$ | 37,406 |
| 18 | Acheson Big Lake Master Drainage Plan Update - 2036 | \$ | 24,300 | \$ | | \$ | 235 | \$ | 24,065 |
| 19 | Collector Stage 3, Zone 7 N-301 to N-302 | \$ | 32,404 | \$ | - | \$ | - | \$ | 32,404 |
| 20 | Collector Stage 3, Zone 7 N-302 to N-303 | \$ | 19,457 | \$ | - | \$ | - | \$ | 19,457 |
| 21 | Collector Stage 3, Zone 7 N-303 to N-304 | \$ | 171,630 | \$ | - | \$ | - | \$ | 171,630 |
| | Collector Stage 3, Zone 7 N-304 to N-305 | \$ | 558,710 | \$ | - | \$ | 63,080 | \$ | 495,629 |
| 23 | Collector Stage 3, Zone 7 N-305 to N-306 | \$ | 1,672,479 | \$ | - | \$ | 155,266 | \$ | 1,517,213 |
| 24 | Collector Stage 3, Zone 7 N-306 to N-307 | \$ | 1,139,436 | \$ | - | \$ | 33,390 | \$ | 1,106,046 |
| 25 | Collector Stage 3, Zone 7&8 N-307 to N-204 | \$ | 949,158 | \$ | - | \$ | 334,776 | \$ | 614,382 |
| | Collector Stage 3, Zone 8 N-308 to N-307 | \$ | 29,553 | \$ | - | \$ | - | \$ | 29,553 |
| | Collector Stage 3, Zone 8 N-309 to N-310 | \$ | 21,122 | \$ | - | \$ | - | \$ | 21,122 |
| | Collector Stage 3, Zone 8 N-310 to N-311 | \$ | 12,032 | \$ | - | \$ | - | \$ | 12,032 |
| | Collector Stage 3, Zone 8 N-311 to N-312 | \$ | 14,880 | \$ | - | \$ | - | \$ | 14,880 |
| | Collector Stage 3, Zone 6 N-312 to N-313 | \$ | 14,671 | \$ | - | \$ | - | \$ | 14,671 |
| | Collector Stage 3, Zone 6 N-313 to N-314 | \$ | 14,127 | \$ | - | \$ | - | \$ | 14,127 |
| | Collector Stage 3, Zone 6 N-314 to N-315 | \$ | 3,783 | \$ | - | \$ | - | \$ | 3,783 |
| | Collector Stage 3, Zone 6 N-315 to N-316 | \$ | 219,963 | \$ | - | \$ | - | \$ | 219,963 |
| | Collector Stage 3, Zone 6 N-316 to N-317 | \$ | 2,414,022 | \$ | - | \$ | | \$ | 2,414,022 |
| 35 | Acheson Big Lake Master Drainage Plan Update - 2041 | \$ | 10,800 | \$ | - | \$ | 76 | \$ | 10,724 |
| | | \$ | 38,605,630 | \$ | 2,964,467 | \$ | 5,822,042 | \$ | 29,819,122 |



E6. Summary of Stormwater Offsite Levy Cost Flow-through

As shown in the figure below, the total cost for stormwater infrastructure that forms the basis of the rate is approximately **\$29.82 million**. The cost allocations to each benefitting party are based on the benefitting percentages shown in Section B4. The offsite levy balance (due from developers) is allocated to various benefitting areas (as described in the next section).

Total Stormwater Offsite Levy Costs





E7. Stormwater Infrastructure Benefiting Areas

Net developer costs for each project have been allocated to multiple benefiting offsite levy area (see tables below). Allocations are denoted with a "1" below applicable area numbers. Benefiting areas were determined by County staff. The lands anticipated to develop over the 25-years in each offsite levy benefitting area are used to determine rates.

Benefiting Areas for Stormwater Offsite Infrastructure

| Item | Developer Cost | 101.0 | 102.0 | 103.0 | 103.1 | 104.0 | 104.1 | 105.0 | 105.1 | 106.0 | 107.0 | 108.0 | 109.0 | 110.0 | 111.0 1 | 111.1 | 201.0 | 201.1 | 202.0 | 203.0 | 204.0 | 205.0 | 206.0 | 207.0 | 208.0 | 208.1 | 301.0 | 302.0 | 302.1 | 303.0 | 304.0 |
|---|--|---|-------|-------|-------|-------|-------|-------|-----------------|-------|---|---|---|---|---|---|---|--------|---|---|---|---|---|-------------|---------------|---|---|---|---|-------|-----------|
| 1 | \$ 12,326,359 | | 1 | 1 | 4 | _ | 1 | 1 | 4 | 1 | _ | 1 | _ | 1 | 4 | 1 | 4 | 1 | 4 | 1 | - | 4 | _ | _ | 4 | _ | - | 1 | 1 | - | |
| 3 | \$ 66,764 \$ 649,059 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | _1_ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 1,195,725 | | | | | | | | | | | | | | _ | | _ | | | | | | | | | | | | | | |
| | \$ 249,044 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 483,900 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 330,053 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 162,261 \$ 299,822 | | | | | | | | | | | | | _ | _ | _ | _ | | | | | | | | | - | _ | _ | | | |
| | \$ 299,822 \$ 1,341,165 | | | | | | | | | | | | | | - | | - | 1 | | | | | | | | | | | | | 1 |
| | \$ 2,126,546 | | | | | | | | | | | | | | - | _ | _ | | | | | | | | | | | | | | |
| 12 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | _ | _ | _ | | | | | | | | | | | | | | |
| | \$ 831,997 \$ 1,368,469 | | | | | | | | | | | | | | - | | - | | | | | | | | | | | _ | | | |
| | \$ 37,406 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 24,065 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 19 | \$ 32,404 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 19,457 | | | | | | | | | | | | | | | _ | | | | | | | | | | | | | | | |
| | \$ 171,630 \$ 495,629 | | | | | | | | | | | | | | - | - | | | | | | | | | | | | | - | H | |
| 23 | | | | | | | | | | | | | | | | \dashv | - | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | \$ 614,382 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 21,122 | | | | | | | | | | | | | | _ | - | - | | | | | | | | | | | | | | |
| | \$ 12,032 \$ 14,880 | | | | | | | | | | | | | | + | - | | | - | | | | | | | | | | | | |
| | \$ 14,671 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | \$ 14,127 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | \$ 3,783 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | _ | _ | _ | | | | | | | | | | | | | | _ |
| 34 | \$ 2,414,022 \$ 10,724 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 29,819,122 | | | • | | | - | | | | | | | | | | | | | _ | | | | | | | ' ' | | | | |
| | Developer | | | | | | | | | | | | | | _ | _ | | | | _ | | _ | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item | Cost | 401.0 | 401.1 | 402.0 | 403.0 | 404.0 | 405.0 | 406.0 | 0 407. | 0 408 | .0 408 | 501 | .0 502 | 2.0 502. | 1 503.0 | 503. | .1 504 | 4.0 50 | 4.1 50 | 5.0 | 506.0 5 | 07.0 5 | 0.80 | 601.0 | 602.0 | 603.0 | 604.0 | 605.0 | 606.0 | 607.0 | 608.0 |
| 1 | Cost \$ 12,326,359 | 1 | 1 | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 ' | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 1 2 | Cost \$ 12,326,359 \$ 66,764 | 1 | | 402.0 | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 ' | 1 | 1 | 1 | 1 | | | | | | | 607.0 | |
| 1 2 3 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 | 1 | 1 | | | | | | 1 | 1 | 1 | 1 1 | 1 1 | 1 1 | 1 | 1 | 1 | | 1 ' | 1 | 1 | 1 1 1 | 1 1 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 1 2 3 4 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 | 1 | 1 | | | | | | 1 | 1 | 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 | 1 | 1 | | 1 ' | 1 | 1 | 1 1 1 1 | 1 1 1 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 1 2 3 4 5 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 | 1 | 1 | | | | | | 1 | 1 | 1 | 1 1 1 1 | 1 1 1 1 | 1 1 1 1 | 1 1 | 1 1 | 1 | | 1 ' | 1 | 1 | 1 1 1 1 1 | 1 1 1 1 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 1 2 3 4 5 6 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 330,053 | 1 | 1 | | | | | | 1 | 1 | 1 | 1 1 1 | 1 1 1 1 1 | 1 1 1 1 | 1 1 1 | 1 1 1 | 1 | | 1 ' | 1 | 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 1 2 3 4 5 6 7 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 330,053 \$ 162,261 | 1 | 1 | | | | | | 1 | 1 | 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 1 | 1 1 1 1 | | 1 1 | 1 | 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 1 2 3 4 5 6 7 8 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 330,053 \$ 162,261 \$ 299,822 | 1 1 | 1 | | | | | | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 | 1 1 1 1 | | 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 1 2 3 4 5 6 7 8 9 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 330,053 \$ 162,261 \$ 299,822 \$ 1,341,165 | 1 1 | 1 | | | | | | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 | | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 1 2 3 4 5 6 7 8 9 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 330,053 \$ 162,261 \$ 299,822 \$ 1,341,165 \$ 2,126,546 | 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 | 1 1 | 1 1 | 1 1 | 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 | | 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 1 | 1 | 1 1 | 1 1 | 1 1 | 1 1 | 1 | 1 |
| 1 2 3 4 5 6 7 8 9 10 11 | \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 162,261 \$ 299,822 \$ 1,341,165 \$ 2,126,546 \$ 50,747 | 1 1 | 1 | | | | | | 1 | 1 | 1 1 | 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 | | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| 1 2 3 4 5 6 7 8 9 | Cost \$ 12,326,359 \$ 649,059 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 330,053 \$ 162,261 \$ 1,341,165 \$ 2,126,546 \$ 5,07,47 \$ 10,337 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 1 | 1 1 | 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 | | 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 1 | 1 | 1 | 1 1 | 1 1 | 1 1 | 1 | 1 |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 30,053 \$ 162,261 \$ 299,822 \$ 1,341,165 \$ 2,126,546 \$ 10,337 \$ 1,553,764 \$ 10,337 \$ 1,553,764 \$ 83,196 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 | 1 1 | 1 1 | 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 | | 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 1 | 1 | 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 | 1 1 1 1 1 | 1 | 1 |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 330,053 \$ 162,261 \$ 299,822 \$ 1,341,165 \$ 2,126,546 \$ 50,747 \$ 10,337 \$ 1,553,764 \$ 831,997 \$ 1,368,469 \$ 15,868,469 \$ 1,368,469 \$ 1,368,469 \$ 1,368,469 | 1 1 | 1 1 1 | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | | | 1 | 1 | 1 | 1 | 1 1 1 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 | 1 1 1 |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 162,261 \$ 1,341,165 \$ 2,98,822 \$ 1,341,165 \$ 2,126,546 \$ 10,337 \$ 10,337 \$ 1,553,764 \$ 831,997 \$ 1,368,469 \$ 37,406 | 1 1 1 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 | 1 1 1 1 1 |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 162,261 \$ 2,98,822 \$ 1,341,165 \$ 2,126,546 \$ 50,747 \$ 10,337 \$ 1,553,764 \$ 37,406 \$ 37,406 \$ 24,065 \$ 24,065 \$ 24,065 \$ 24,065 \$ 37,406 \$ 324,065 \$ | 1 1 1 | 1 1 1 | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | | | 1 | 1 | 1 | 1 | 1 1 1 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 | 1 1 1 |
| 1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 1,195,725 \$ 249,044 \$ 162,261 \$ 299,822 \$ 1,341,165 \$ 2,126,546 \$ 50,747 \$ 10,373 \$ 1,553,764 \$ 831,937 \$ 1,368,469 \$ 37,406 \$ 24,065 \$ 24,065 \$ 32,404 | 1 1 1 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 | 1 1 1 1 1 |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 162,261 \$ 29,825 \$ 1,341,165 \$ 2,126,546 \$ 10,337 \$ 1,553,764 \$ 13,368,469 \$ 37,406 \$ 24,065 \$ 32,4065 \$ 32,4065 \$ 32,4065 | 1 1 1 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 | 1 1 1 1 1 |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 330,053 \$ 162,261 \$ 299,822 \$ 1,341,165 \$ 2,126,546 \$ 50,747 \$ 10,347 \$ 1,553,764 \$ 831,937 \$ 1,553,764 \$ 831,937 \$ 1,368,469 \$ 32,4064 \$ 19,457 \$ 19,457 \$ 171,630 | 1 1 1 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 | 1 1 1 1 1 |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 162,261 \$ 299,822 \$ 1,341,165 \$ 2,126,546 \$ 10,337 \$ 1,553,764 \$ 13,384,499 \$ 31,405 \$ 24,065 \$ 24,065 \$ 1,41630 \$ 1,1630 | 1 1 1 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 | 1 1 1 1 1 |
| 1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 330,053 \$ 162,261 \$ 2,99,822 \$ 1,341,165 \$ 2,126,546 \$ 50,747 \$ 10,337 \$ 1,553,764 \$ 337,406 \$ 34,404 \$ 19,457 \$ 19,457 \$ 17,630 \$ 14,652 \$ 171,630 \$ 15,72,13 \$ 1,517,213 \$ 1,517,213 | 1 1 1 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 | 1 1 1 1 1 |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 162,261 \$ 2,98,265 \$ 1,341,165 \$ 2,126,546 \$ 10,337 \$ 1,553,764 \$ 31,937 \$ 1,368,469 \$ 37,406 \$ 24,065 \$ 33,404 \$ 19,457 \$ 171,630 \$ 19,457 \$ 1,161,7213 \$ 1,106,046 \$ 19,457 \$ 1,106,046 \$ 11,06,046 \$ 11,06,046 \$ 11,06,046 \$ 11,06,046 \$ 11,06,046 | 1 1 1 1 1 1 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 | 1 1 1 1 1 |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 21 22 23 24 25 26 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 162,261 \$ 299,822 \$ 1,341,165 \$ 2,126,546 \$ 5,07,47 \$ 10,337 \$ 1,553,764 \$ 37,406 \$ 34,065 \$ 34,065 \$ 1,368,469 \$ 171,630 \$ 194,577 \$ 171,630 \$ 495,629 \$ 1,1106,046 \$ 614,382 \$ 29,553 | 1 1 1 1 1 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 | 1 1 1 1 1 |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 330,053 \$ 162,261 \$ 299,822 \$ 1,341,165 \$ 2,126,546 \$ 50,747 \$ 10,337 \$ 1,553,764 \$ 831,997 \$ 1,368,469 \$ 37,406 \$ 14,553 \$ 24,065 \$ 32,404 \$ 19,457 \$ 11,517,213 \$ 495,629 \$ 1,517,213 \$ 614,382 \$ 29,553 | 1 1 1 1 1 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 | 1 1 1 1 1 |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 162,261 \$ 299,822 \$ 1,341,165 \$ 2,126,546 \$ 10,337 \$ 1,553,764 \$ 13,368,469 \$ 37,406 \$ 24,065 \$ 24,065 \$ 34,469 \$ 19,457 \$ 171,630 \$ 495,629 \$ 1,517,213 \$ 1,517,213 \$ 1,106,046 \$ 29,553 \$ 21,102 \$ 21,102 \$ 21,102 | 1 1 1 1 1 1 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 | 1 1 1 1 1 |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 162,261 \$ 2,982 \$ 1,341,165 \$ 2,126,546 \$ 10,337 \$ 1,553,764 \$ 31,937 \$ 1,368,469 \$ 37,406 \$ 24,065 \$ 3,24,04 \$ 19,457 \$ 11,163 \$ 1,165,264 \$ 19,457 \$ 11,166,046 \$ 29,553 \$ 1,517,213 \$ 1,106,046 \$ 29,553 \$ 1,517,213 \$ 1,106,046 \$ 29,553 \$ 1,517,213 \$ 1,106,046 \$ 12,122 \$ 12,032 \$ 14,880 | 1 1 1 1 1 1 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | 1 1 1 1 1 |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 31 31 31 31 31 31 31 31 31 31 31 31 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 162,261 \$ 299,822 \$ 1,341,165 \$ 2,126,546 \$ 10,337 \$ 1,553,764 \$ 13,368,469 \$ 37,406 \$ 24,065 \$ 24,065 \$ 1,166,046 \$ 11,166,046 \$ 614,382 \$ 11,166,046 \$ 614,382 \$ 11,162 | 1 1 1 1 1 1 1 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 |
| 1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15 16 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 330,053 \$ 162,261 \$ 2,99,822 \$ 1,341,165 \$ 2,126,546 \$ 50,747 \$ 10,337 \$ 1,553,764 \$ 337,406 \$ 34,404 \$ 19,457 \$ 171,630 \$ 1,106,046 \$ 1,106,046 \$ 614,382 \$ 1,29,553 \$ 21,122 \$ 12,05,283 \$ 1,168,499 \$ 1,168,499 \$ 37,406 \$ 1,106,046 \$ 1,106,046 \$ 1,106,046 \$ 1,106,046 \$ 1,106,046 \$ 1,108,047 \$ 1,108,048 \$ 1 | 1 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 24 25 26 27 28 29 29 30 31 31 31 31 31 31 31 31 31 31 31 31 31 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 162,261 \$ 2,126,546 \$ 10,337 \$ 1,553,764 \$ 10,337 \$ 1,553,764 \$ 17,163 \$ 24,065 \$ 34,404 \$ 19,457 \$ 11,165,262 \$ 1,11,106,046 \$ 14,362 \$ 29,553 \$ 1,106,046 \$ 14,362 \$ 11,060,046 \$ 14,362 \$ 12,122 \$ 12,105,246 \$ 14,360 \$ | 1 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 | 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 |
| 1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15 16 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30 | Cost \$ 12,326,359 \$ 66,764 \$ 649,059 \$ 1,195,725 \$ 249,044 \$ 483,900 \$ 162,261 \$ 299,822 \$ 1,341,165 \$ 2,126,546 \$ 5,50,747 \$ 10,337 \$ 1,553,764 \$ 31,368,469 \$ 37,406 \$ 24,065 \$ 13,467,1630 \$ 495,629 \$ 1,166,046 \$ 614,382 \$ 11,162,046 \$ 11,162,046 \$ 11,163,046 \$ 11 | 1 | 1 1 1 | 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | | | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 | 1 1 1 1 1 1 1 1 | 1 | 1 | 1 | 1 | 1 1 1 1 1 |



| Iten | T | Developer | 701.0 | 702.0 | 703.0 | 704.0 | 705.0 | 706.0 | 707.0 | 708.0 | 801.0 | 802.0 | 803.0 | 804.0 | 805.0 | 806.0 | 807.0 | 808.0 | 901.0 | 902.0 | 903.0 | 904.0 | 1001.0 | 1002.0 | 1003.0 | 1004.0 | 1005.0 | 1006.0 | 1007.0 | 1101.0 | 1102.0 | 1103.0 | 1104.0 |
|------|----|---------------------|-------|-------|-------|-------|-------|----------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------|--------|
| | | Cost | | | | | | | | | | | | | | | | | | 002.0 | | | | | | | | | | | | | |
| 1 | \$ | 12,326,359 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | |
| 2 | | 66,764 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | \$ | 649,059 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | \longrightarrow | |
| 4 | \$ | 1,195,725 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | \longrightarrow | |
| 5 | | 249,044 | _ | | _ | | | _ | - | | _ | | | | _ | | | | _ | | | | | | | | _ | | | | | - | |
| 6 | \$ | 483,900 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| 7 | \$ | 330,053 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| 8 | | 162,261 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| 9 | \$ | 299,822 | | _ | | | _ | . | . | _ | | | | | | | | _ | | | | | | | | | | | | | | - | |
| 10 | | 1,341,165 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | 1 | 1 | | | | | | | | | | | | | | - | |
| 12 | | 2,126,546 50.747 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | _ | 1 | 1 | 1 | _ | 1 | 1 | 1 | _ | _ | 1 | 1 | _ | 1 | 1 | 1 | 1 | 1 | 1 |
| 13 | | 10.337 | -1 | 1 | -1 | _1_ | 1 | 1 | 1 | 1 | -1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | _1_ | 1 | 1 | 1 | _ | 1 | 1 | _1_ | 1 | 1 | 1 | | |
| 14 | | 1,553,764 | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | - | |
| 15 | | 831,997 | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | \rightarrow | |
| 16 | | 1,368,469 | - | 1 | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 | _ | _ | _ | _ | 1 | 1 | | | | | | | | | | | | | | - | - |
| 17 | | 37.406 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | _ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 18 | | 24.065 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 19 | | 32,404 | 1 | | | | | <u> </u> | - | 1 | | | | | | | | - | | | | | | | | | | | | | _ | | |
| 20 | | 19,457 | 1 | 1 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | = | |
| 21 | s | 171.630 | 1 | 1 | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | - | - |
| 22 | | 495.629 | 1 | 1 | 1 | 1 | | + | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | - | |
| 23 | | 1,517,213 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | - | - |
| 24 | | 1,106,046 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | - | |
| 25 | | 614,382 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 26 | | 29,553 | | _ | | | Ė | Ė | Ė | _ | | 1 | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 27 | | 21,122 | | | | | | | | | | _ | | | 1 | 1 | | | | | | | | | | | | | | | | | |
| 28 | | 12,032 | | | | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | |
| 29 | | 14,880 | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | |
| 30 | | 14,671 | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | |
| 31 | | 14,127 | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | |
| 32 | \$ | 3,783 | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | |
| 33 | \$ | 219,963 | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | |
| 34 | | 2,414,022 | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | |
| 35 | \$ | 10,724 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ | 29,819,122 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Item | Developer | 1105.0 | 1106.0 | 1107.0 | 1109.0 | 1100.0 | 11100 | 1111 0 | 11120 | 1112 0 | 1201.0 | 1202.0 | 1202.0 | 1204.0 | 1205.0 | 1201.0 | 1202.0 | 1202.0 | 1204.0 | 1401.0 | 1402.0 | 1402.0 | 1404.0 | 1405.0 | 1501.0 | 1502.0 | 1600.1 | 1600.2 | 1600.2 | 1600.4 | 1600 6 | 1600.6 | 1600.7 | 1600.0 |
|--------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------|--------|--------|
| iteiii | Cost | | 1100.0 | 1107.0 | 1100.0 | 1108.0 | 1110.0 | 1111.0 | 1112.0 | 1115.0 | 1201.0 | 1202.0 | 1205.0 | 1204.0 | 1200.0 | 1301.0 | 1302.0 | 1303.0 | 1304.0 | 1401.0 | 1402.0 | 1405.0 | 1404.0 | 1405.0 | 1301.0 | 1302.0 | 1000.1 | 1000.2 | 1000.5 | 1000.4 | 1000.5 | 1000.0 | 1000.7 | 1000.0 |
| 1 | \$ 12,326,359 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 2 | \$ 66,764 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 6 | \$ 483,900 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | \$ 330,053 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | \$ 2,126,546 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 12 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 17 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 18 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 22 | \$ 495,629 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 23 | \$ 1,517,213 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | $oldsymbol{\sqcup}$ | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | $oldsymbol{\sqcup}$ | | |
| 28 | | | | _ | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 29 | \$ 14,880 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ш | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | \$ 2,414,022 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | \$ 29,819,122 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



E8. Development and Stormwater Infrastructure Staging Impacts

Stormwater offsite infrastructure will be constructed in a staged fashion over the 25-year review period. County Staff have reviewed the availability of offsite levy funds to meet these construction requirements and found that offsite levy reserve funds will not be sufficient to pay for construction of stormwater infrastructure from time to time, therefore front ending of infrastructure will be required. A front-ender is the party that constructs and pays up front for infrastructure that benefits other parties.

To compensate parties for capital they provide in front-ending offsite infrastructure construction, a **2.31%** interest allowance has been charged to the reserve when it is forecast to be in a negative balance. Further, a **2.25%** interest credit has been provided to the reserve when it is forecast to be in a positive balance. The graph and table below outline the forecast stormwater levy reserve balances over the 25-year development period.

If necessary, an interest staging adjustment has been applied to rates (slightly positive or slightly negative) to ensure that the forecast reserve balance at the end of the 25-year review period always returns to break-even (i.e., developers are not charged too much thereby providing a windfall to the County, nor are they charged too little thereby placing an unequitable burden on taxpayers).