

***Public Works Committee
Meeting Agenda
February 8, 2021 5:30 p.m.
City Council Chambers – Thurber Building***

1. February 8, 2021 / 5:30 p.m. City Council Chambers Thurber Community Building
2. Consider Ag Lease for 2021
3. S.C.S.:
 - A. Pick up Truck Information
 - B. Sidewalk Maintenance Plans

Members Present: Councilors Paul Novotny and Mike Urban.

Members Absent: None

Others Present: Brian Burkholder, Chris Giesen, Craig Britton, Kay Coe, Ryan Priebe and Joel Young

Pick-up Trucks: Brian Burkholder presented information regarding a truck for the parks department. Clements Chevrolet provided a proposal for a 1-ton 4x4 dual chassis 84" at a cost of \$34,500. Universal Equipment offered a stainless steel Henderson 9' dump body, including a hoist, tommy gate – n – dump gate, pinto hitch and light package for \$22,878. Staff will update the capital goods replacement plan to determine the financial impact of purchasing a truck like this one rather than the model that would typically be purchased.

Street Lights on Wisdom Lane: Burkholder provided three options for street lights to be placed on Wisdom Lane. One is a 28' tall wooden pole with a 12' arm, a second option is a 25' fiberglass pole with 8' arm and a third is a 20' tall fiberglass pole with a decorative top. The committee members thought the fiberglass poles would look nicer but are not as durable as a wooden pole. Ultimately, the committee determined that the wood poles would be the option to pursue.

2022 Water Project: Craig Britton provided a review of various improvements that might be included in a water improvement project in 2022. There were a variety of improvements to wells, well houses, water reservoirs, etc., resulting in a cost of \$952,000, which compared to the \$871,000 included in the capital financial plan. Staff will consult with Mike Bubany to determine how long bond proceeds can be held before spending them, and if it is possible to include a storm water improvement project in that same bond.

2023 Street Project: Britton provided a review of potential street projects. Improvements to Grand Street, Hawley and Prospect Streets would be approximately \$2,243,000. A mill and overlay project would cost \$1,000,000, the West Chatfield storm project would cost \$170,000 and a retaining wall project would cost approximately \$80,000. These improvements would cost a total of \$3,500,000 which compares to the \$1,400,000 that is included in the Bubany capital financial plan. Staff will ask Bubany the significance of the dollar amount that was included in the plan. Novotny explained that his thoughts were that a mill and overlay project would be paid for with the current mill and overlay budget rather than including those improvements with the Grand Street project.

Public Works Site Acquisition: The Committee discussed the possibility of purchasing a commercial property on Twiford Street for the public works facility. Concerns about the cost, how to fund the cost, and whether this would be a long term solution, or not. Ultimately, it was determined that the property is not exactly the right fit so if the property sells before the City determines that it needs the property, that would be okay.

Curb Stop: The committee reviewed curb stop requirements that are required by another city, which appeared to be exactly what might be needed in Chatfield, especially when placing the curb stop in an area surrounded by concrete. Britton and Burkholder will develop specifications to be considered at a later date.

AGRICULTURAL LEASE

This agreement entered into this 1st day of January, 2021, by and between the City of Chatfield, a Minnesota municipal corporation ("City") and Schoenfelder Farms a partnership organized under the laws of the State of Minnesota ("Schoenfelder"),

It is agreed between the parties as follows:

1. **Term.** For the annual payment by Schoenfelder to City of the sum of \$175 per acre, or \$7,000.00 per year, City demises and leases to Schoenfelder the property for the term of January 1, 2020 to December 31, 2020. Payment is due April 1, 2021.
2. In order to properly maintain the newly created storm water structures, no tillage will take place closer than ten (10) feet from the front of the structures and a thirty (30) foot clear radius will be maintained around the drain pipes on both retention ponds.
2. **Use.** During the period that this lease, or any extension thereof is in effect, Schoenfelder, or its agents or assigns, shall be permitted to use the property for agricultural purposes, or a use consistent with agricultural pursuits. Schoenfelder shall be required during the term of this lease to use and maintain the property in a manner that minimizes the uncontrolled drainage of surface water, erosion of soil and the growth of noxious weeds, and is consistent with good agricultural practices..
3. **Termination Prior to December 31 of a Given Year.** Notwithstanding the provisions of ¶ 1 herein, City may terminate this lease at any time prior to the end of its term by giving Schoenfelder 30 days written prior notice of termination. Provided, that if City does so subsequent to October 1, of a given year and Schoenfelder has invested labor and other inputs in preparation for cultivating a crop on the property during the remainder of or a renewed term of the lease, City shall reimburse Schoenfelder the reasonable value of such labor and other inputs expended. Provided further, if such early termination of the lease occurs at a time when a crop is under cultivation (but not yet harvested) on the property by Schoenfelder, City, at its option may: (a) permit Schoenfelder to harvest said crop within a reasonable period of time, notwithstanding termination of the lease; or, (b) pay to Schoenfelder the reasonable value of the crop that would have been harvested but for the termination of the early termination of the lease.

Schoenfelder Farms

City of Chatfield

By

By

(Title)

Mayor

By

Attest:

(Title)

City Clerk

INTEROFFICE MEMORANDUM

TO: Public Works Committee
FROM: Brian Burkholder, SCS
SUBJECT: Public Works/Pickup Fleet
DATE: 10/7/2020

Action Requested: To continue to discuss the Public Works pickup fleet and rotation practice using at least 1 if not 2 pickups in the one trade plan with Lewiston Auto.

Background: Since our last discussion, Councilor Urban and I did meet with Lyle from Lewiston Auto to discuss trade in values on existing vehicles and asked for updated cost on new pickups. I am still currently waiting for the quotes and trade in values after our Jan 6th meeting. I am also waiting for a quote on a ½ ton WT from Rochester Motors (Clements Chevy).

Also, since we last met, the 2000 Ford's heater core went out as well. The Chatfield Body Shop did warranty the heater core but they stated it will last a little while because of the leaky head gasket.

Joel and I also updated the Capital Plans for each pickup and the rotation schedule that I thought would best fit the departments.

My suggestion would be to take advantage of the 1 year trade in option for the WWTP, purchase a ton dual truck for Parks including the dump box, tommy gate and plow from Universal Truck & Equipment (10 yrs.), trade the 2015 in for a ½ ton ext. cab (5 yrs.) and also trade the 2016 for a 1 ton extended cab (5 yrs.)

Lyle did mention that we have the option to use 2 pickups on the 1 years trade plan. If we would go this route, the 2015 would be traded in for a 1-ton ext. cab (plow) and then the street pickup would be on that plan as well.

Thank you for your time,
Brian Burkholder

Hwy. 14 at Rice Street
P.O. Box 40
LEWISTON, MN 55952



(507) 523-2164
www.lewistonauto.com

City of Chatfield

Brian Burkholder

ATTACHED FIND PRICES ON 6 TRUCKS PER YOUR SPECIFICATIONS.

The equipment on these trucks can be modified in order to meet your needs if your specifications change.

| | |
|--|----------|
| 2021 3500 REGULAR CAR 8 FT. BOX WT PER PRINT OUT | 32578.00 |
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| 2021 1500 REGULAR CAB 8 FT. BOX WT PER PRINT OUT | 24182.00 |
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| 2021 3500 Cab & Chassis REGULAR CAB (60" cab to axle) PER PRINT OUT | 31630.00 |
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| 2021 1500 DOUBLE CAB WT WITH 6.6 BOX PER PRINT OUT | 26446.00 |
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| 2021 1500 DOUBLE CAB CUSTOM WITH 6.6 BOX PER PRINT OUT | 27615.00 |
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| 2021 3500 SILVERADO DOUBLE CAB WT 8 FT. BOX PER PRINT OUT | 34397.00 |
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| 2021 3500 SILVERADO DOUBLE CAB LT 8 FT. BOX PER PRINT OUT | 35258.00 |
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|---|----------|
| Trade value on 2016 Regular cab plate #955239 | 25000.00 |
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| Trade value on 2015 Regular cab plate # 945206 | 20500.00 |
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|--|---------|
| Trade value on 2008 Ford RF250XL plate #922949 | 6000.00 |
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Tax title @ license additional

Thanks,

Lyle

| CITY OF CHATFIELD | | | CAPITAL GOODS REPLACEMENT PLAN II | | | | | | Public Works Department II | | | | | Jan. 2021 | | |
|-----------------------------------|---|------------|-----------------------------------|---------------|--------------|-------------|-------------|--------------|----------------------------|-------------|--------------|-------------|------------|--------------|--------------|------|
| | Cost of Each Piece of Equipment and the Year of Replacement | | | | | | | | | | | | | | | |
| | Year of | 2020 | Years of | | | | | | | | | | | | | |
| ITEM | Acquisition | Cost | Use | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | |
| | | | 16 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | | 12 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | | 12 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Pick-up Truck 1 ton extended cab | 2016 | \$ 36,000 | 12 | \$ 36,000 | \$ 9,000 | \$ 9,270 | \$ 9,548 | \$ 9,835 | \$ 10,130 | \$ 10,433 | \$ 10,746 | \$ 11,069 | \$ 11,401 | \$ 11,743 | \$ 12,095 | |
| Kubota | 2007 | \$ 17,500 | 15 | \$ 17,500 | \$ 18,025 | \$ 18,566 | \$ 19,123 | \$ 19,696 | \$ 20,287 | \$ 20,896 | \$ 21,523 | \$ 22,168 | \$ 22,834 | \$ 23,519 | \$ 24,224 | |
| Bucket Truck | 2013 | \$ 32,000 | 10 | \$ 32,000 | \$ 32,960 | \$ 33,949 | \$ 34,967 | \$ 36,016 | \$ 37,097 | \$ 38,210 | \$ 39,356 | \$ 40,537 | \$ 41,753 | \$ 43,005 | \$ 44,295 | |
| Dump Truck (net Cost) | 2011 | \$ 162,000 | 15 | \$ 162,000 | \$ 166,860 | \$ 171,866 | \$ 177,022 | \$ 182,332 | \$ 187,802 | \$ 193,436 | \$ 199,240 | \$ 205,217 | \$ 211,373 | \$ 217,714 | \$ 224,246 | |
| Dump Truck (Net Cost) | 2005 | \$ 162,000 | 15 | \$ 162,000 | \$ 166,860 | \$ 171,866 | \$ 177,022 | \$ 182,332 | \$ 187,802 | \$ 193,436 | \$ 199,240 | \$ 205,217 | \$ 211,373 | \$ 217,714 | \$ 224,246 | |
| Front End Loader (Net Cost) | 2018 | \$ 80,000 | 3 | \$ 20,000 | \$ 20,600 | \$ 21,218 | \$ 21,855 | \$ 22,510 | \$ 23,185 | \$ 23,881 | \$ 24,597 | \$ 25,335 | \$ 26,095 | \$ 26,878 | \$ 27,685 | |
| Street Sweeper (Net Cost) | 1994 | \$ 92,000 | 6 | \$ 92,000 | \$ 94,760 | \$ 97,603 | \$ 100,531 | \$ 103,547 | \$ 106,653 | \$ 109,853 | \$ 113,148 | \$ 116,543 | \$ 120,039 | \$ 123,640 | \$ 127,350 | |
| Flusher (1990 model) | 2009 | \$ 12,000 | 10 | \$ 12,000 | \$ 12,360 | \$ 12,731 | \$ 13,113 | \$ 13,506 | \$ 13,911 | \$ 14,329 | \$ 14,758 | \$ 15,201 | \$ 15,657 | \$ 16,127 | \$ 16,611 | |
| ToolCat (Net Cost) | 2019 | \$ 13,000 | 3 | \$ 13,000 | \$ 13,390 | \$ 13,792 | \$ 14,205 | \$ 14,632 | \$ 15,071 | \$ 15,523 | \$ 15,988 | \$ 16,468 | \$ 16,962 | \$ 17,471 | \$ 17,995 | |
| ToolCat Broom | 2019 | \$ 2,500 | 6 | \$ 2,500 | \$ 2,575 | \$ 2,652 | \$ 2,732 | \$ 2,814 | \$ 2,898 | \$ 2,985 | \$ 3,075 | \$ 3,167 | \$ 3,262 | \$ 3,360 | \$ 3,461 | |
| ToolCat Brushcat | 2015 | \$ 5,300 | 12 | \$ 5,300 | \$ 5,459 | \$ 5,623 | \$ 5,791 | \$ 5,965 | \$ 6,144 | \$ 6,328 | \$ 6,518 | \$ 6,714 | \$ 6,915 | \$ 7,123 | \$ 7,336 | |
| ToolCat Snowblower | 2015 | \$ 7,500 | 6 | \$ 7,500 | \$ 7,725 | \$ 7,957 | \$ 8,195 | \$ 8,441 | \$ 8,695 | \$ 8,955 | \$ 9,224 | \$ 9,501 | \$ 9,786 | \$ 10,079 | \$ 10,382 | |
| ToolCat Forks & Bucket | 2015 | \$ 1,850 | 12 | \$ 1,850 | \$ 1,906 | \$ 1,963 | \$ 2,022 | \$ 2,082 | \$ 2,145 | \$ 2,209 | \$ 2,275 | \$ 2,344 | \$ 2,414 | \$ 2,486 | \$ 2,561 | |
| Sno-Go Snow Blower (Net Cost) | 2010 | \$ 53,000 | 10 | \$ 75,000 | \$ 77,250 | \$ 79,568 | \$ 81,955 | \$ 84,413 | \$ 86,946 | \$ 89,554 | \$ 92,241 | \$ 95,008 | \$ 97,858 | \$ 100,794 | \$ 103,818 | |
| Plow Equipment for pickup (1) | 2007 | \$ 6,800 | 12 | \$ 6,800 | \$ 7,004 | \$ 7,214 | \$ 7,431 | \$ 7,653 | \$ 7,883 | \$ 8,120 | \$ 8,363 | \$ 8,614 | \$ 8,872 | \$ 9,139 | \$ 9,413 | |
| Plow Equipment for pickup (1) | 2000 | \$ 6,800 | 12 | \$ 6,800 | \$ 7,004 | \$ 7,214 | \$ 7,431 | \$ 7,653 | \$ 7,883 | \$ 8,120 | \$ 8,363 | \$ 8,614 | \$ 8,872 | \$ 9,139 | \$ 9,413 | |
| | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Office Computer | 2019 | \$ 950 | 4 | \$ 950 | \$ 979 | \$ 1,008 | \$ 1,038 | \$ 1,069 | \$ 1,101 | \$ 1,134 | \$ 1,168 | \$ 1,203 | \$ 1,240 | \$ 1,277 | \$ 1,315 | |
| Printer | 2018 | \$ 750 | 4 | \$ 750 | \$ 773 | \$ 796 | \$ 820 | \$ 844 | \$ 869 | \$ 896 | \$ 922 | \$ 950 | \$ 979 | \$ 1,008 | \$ 1,038 | |
| Office Desk / Credenza | 2006 | \$ 2,200 | 20 | \$ 2,200 | \$ 2,266 | \$ 2,334 | \$ 2,404 | \$ 2,476 | \$ 2,550 | \$ 2,627 | \$ 2,706 | \$ 2,787 | \$ 2,871 | \$ 2,957 | \$ 3,045 | |
| Office Chair | 2007 | \$ 475 | 7 | \$ 475 | \$ 489 | \$ 504 | \$ 519 | \$ 535 | \$ 551 | \$ 567 | \$ 584 | \$ 602 | \$ 620 | \$ 638 | \$ 658 | |
| Snow Pusher | 2018 | \$ 18,550 | 12 | \$ 18,550 | \$ 19,107 | \$ 19,680 | \$ 20,270 | \$ 20,878 | \$ 21,505 | \$ 22,150 | \$ 22,814 | \$ 23,499 | \$ 24,204 | \$ 24,930 | \$ 25,678 | |
| Radios (5) | | | 15 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Carpet 20 sq yds | 2002 | \$ 9 | 20 | \$ 180 | \$ 185 | \$ 191 | \$ 197 | \$ 203 | \$ 209 | \$ 215 | \$ 221 | \$ 228 | \$ 235 | \$ 242 | \$ 249 | |
| Roof - 4th Street Building | | \$ 16,000 | 20 | \$ 16,000 | \$ 16,480 | \$ 16,974 | \$ 17,484 | \$ 18,008 | \$ 18,548 | \$ 19,105 | \$ 19,678 | \$ 20,268 | \$ 20,876 | \$ 21,503 | \$ 22,148 | |
| Overhead Doors (3) 4th St. Bldng | 2006 | | 20 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Overhead Door Openers - 4th St. | 2006 | | 20 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Service Doors (2) - 4th St. Bldng | | \$ 5,600 | 20 | \$ 5,600 | \$ 5,768 | \$ 5,941 | \$ 6,119 | \$ 6,303 | \$ 6,492 | \$ 6,687 | \$ 6,887 | \$ 7,094 | \$ 7,307 | \$ 7,526 | \$ 7,752 | |
| Heating System - 4th St. Bldng | | | 20 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Lighting System - 4th St. Bldng | 2012 | | 20 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Tuckpointing - 4th St. Bldng | | | 20 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Building - Gathje | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Building - Greenway | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Building - Ready Mix | | | | \$ - | | | | | | | | | | | | |
| Property - Ready Mix | | | | \$ - | | | | | | | | | | | | |
| Outdoor Warning Sirens (4) | 1993/95/98/09 | | 20 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Total Cash to be Spent Each Year | | | | \$ (5,600) | \$ (280,714) | \$ (22,544) | \$ (14,151) | \$ (133,710) | \$ (17,969) | \$ (49,539) | \$ (225,005) | \$ (35,026) | | \$ (176,456) | \$ (138,683) | |
| Annual Funding Allocation | | | | \$ 115,000 | \$ 72,395 | \$ 74,567 | \$ 76,804 | \$ 79,108 | \$ 81,481 | \$ 83,926 | \$ 86,443 | \$ 89,037 | \$ 91,708 | \$ 94,459 | \$ 97,293 | |
| Adjustment to reconcile EOY | | | | \$ (8,122) | | | | | | | | | | | | |
| Reserve Fund Balance End of 2019 | | \$ 45,852 | | \$ 148,047.04 | \$ (57,311) | \$ (6,435) | \$ 56,090 | \$ 2,609 | \$ 66,174 | \$ 101,884 | \$ (34,640) | \$ 18,678 | \$ 110,759 | \$ 30,977 | \$ (9,794) | |

Note: This assumes taking \$37,000 from the Ash Borer Reserve Fund and adding it to this fund.

NOTE II: This assumes a decrease in funding from the Water Fund in the amount of \$4,650 and a decrease in funding from the Sanitary Sewer fund in the amount of \$4,100.

| | | CITY OF CHATFIELD | | CAPITAL GOODS REPLACEMENT PLAN II | | | | | | | Public Works Department II | | | | Jan. 2021 | |
|--------------------------------------|-------------|-------------------|-------------|-----------------------------------|--------------|-------------|------------|-------------|-------------|--------------|----------------------------|--------------|------------|--------------|-------------|------------|
| | | | | | | | | | | | | | | | | |
| ITEM | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 |
| | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Pick-up Truck | \$ 12,458 | \$ 12,832 | \$ 13,217 | \$ 13,613 | \$ 14,022 | \$ 14,442 | \$ 14,876 | \$ 15,322 | \$ 15,782 | \$ 16,255 | \$ 16,743 | \$ 17,245 | \$ 17,762 | \$ 18,295 | \$ 18,844 | \$ 19,409 |
| Kubota | \$ 24,951 | \$ 25,699 | \$ 26,470 | \$ 27,264 | \$ 28,082 | \$ 28,925 | \$ 29,793 | \$ 30,686 | \$ 31,607 | \$ 32,555 | \$ 33,532 | \$ 34,538 | \$ 35,574 | \$ 36,641 | \$ 37,740 | \$ 38,873 |
| Bucket Truck | \$ 45,624 | \$ 46,993 | \$ 48,403 | \$ 49,855 | \$ 51,351 | \$ 52,891 | \$ 54,478 | \$ 56,112 | \$ 57,796 | \$ 59,529 | \$ 61,315 | \$ 63,155 | \$ 65,049 | \$ 67,001 | \$ 69,011 | \$ 71,081 |
| Dump Truck | \$ 230,973 | \$ 237,902 | \$ 245,040 | \$ 252,391 | \$ 259,962 | \$ 267,761 | \$ 275,794 | \$ 284,068 | \$ 292,590 | \$ 301,368 | \$ 310,409 | \$ 319,721 | \$ 329,313 | \$ 339,192 | \$ 349,368 | \$ 359,849 |
| Dump Truck | \$ 230,973 | \$ 237,902 | \$ 245,040 | \$ 252,391 | \$ 259,962 | \$ 267,761 | \$ 275,794 | \$ 284,068 | \$ 292,590 | \$ 301,368 | \$ 310,409 | \$ 319,721 | \$ 329,313 | \$ 339,192 | \$ 349,368 | \$ 359,849 |
| Front End Loader (Net Cost) | \$ 28,515 | \$ 29,371 | \$ 30,252 | \$ 31,159 | \$ 32,094 | \$ 33,057 | \$ 34,049 | \$ 35,070 | \$ 36,122 | \$ 37,206 | \$ 38,322 | \$ 39,472 | \$ 40,656 | \$ 41,876 | \$ 43,132 | \$ 44,426 |
| Street Sweeper (Net Cost) | \$ 131,170 | \$ 135,105 | \$ 139,158 | \$ 143,333 | \$ 147,633 | \$ 152,062 | \$ 156,624 | \$ 161,323 | \$ 166,162 | \$ 171,147 | \$ 176,282 | \$ 181,570 | \$ 187,017 | \$ 192,628 | \$ 198,406 | \$ 204,359 |
| Flusher (1990 model) | \$ 17,109 | \$ 17,622 | \$ 18,151 | \$ 18,696 | \$ 19,256 | \$ 19,834 | \$ 20,429 | \$ 21,042 | \$ 21,673 | \$ 22,324 | \$ 22,993 | \$ 23,683 | \$ 24,394 | \$ 25,125 | \$ 25,879 | \$ 26,655 |
| ToolCat (Net Cost) | \$ 18,535 | \$ 19,091 | \$ 19,664 | \$ 20,254 | \$ 20,861 | \$ 21,487 | \$ 22,132 | \$ 22,796 | \$ 23,479 | \$ 24,184 | \$ 24,909 | \$ 25,657 | \$ 26,426 | \$ 27,219 | \$ 28,036 | \$ 28,877 |
| ToolCat Broom | \$ 3,564 | \$ 3,671 | \$ 3,781 | \$ 3,895 | \$ 4,012 | \$ 4,132 | \$ 4,256 | \$ 4,384 | \$ 4,515 | \$ 4,651 | \$ 4,790 | \$ 4,934 | \$ 5,082 | \$ 5,234 | \$ 5,391 | \$ 5,553 |
| ToolCat Brushcat | \$ 7,557 | \$ 7,783 | \$ 8,017 | \$ 8,257 | \$ 8,505 | \$ 8,760 | \$ 9,023 | \$ 9,294 | \$ 9,572 | \$ 9,860 | \$ 10,155 | \$ 10,460 | \$ 10,774 | \$ 11,097 | \$ 11,430 | \$ 11,773 |
| ToolCat Snowblower | \$ 10,693 | \$ 11,014 | \$ 11,344 | \$ 11,685 | \$ 12,035 | \$ 12,396 | \$ 12,768 | \$ 13,151 | \$ 13,546 | \$ 13,952 | \$ 14,371 | \$ 14,802 | \$ 15,246 | \$ 15,703 | \$ 16,174 | \$ 16,660 |
| ToolCat Forks & Bucket | \$ 2,638 | \$ 2,717 | \$ 2,798 | \$ 2,882 | \$ 2,969 | \$ 3,058 | \$ 3,150 | \$ 3,244 | \$ 3,341 | \$ 3,442 | \$ 3,545 | \$ 3,651 | \$ 3,761 | \$ 3,873 | \$ 3,990 | \$ 4,109 |
| Sno-Go Snow Blower (Net Cost) | \$ 106,932 | \$ 110,140 | \$ 113,444 | \$ 116,848 | \$ 120,353 | \$ 123,964 | \$ 127,682 | \$ 131,513 | \$ 135,458 | \$ 139,522 | \$ 143,708 | \$ 148,019 | \$ 152,460 | \$ 157,033 | \$ 161,744 | \$ 166,597 |
| Plow Equipment for pickup (| \$ 9,695 | \$ 9,986 | \$ 10,286 | \$ 10,594 | \$ 10,912 | \$ 11,239 | \$ 11,577 | \$ 11,924 | \$ 12,282 | \$ 12,650 | \$ 13,030 | \$ 13,420 | \$ 13,823 | \$ 14,238 | \$ 14,665 | \$ 15,105 |
| Plow Equipment for pickup (| \$ 9,695 | \$ 9,986 | \$ 10,286 | \$ 10,594 | \$ 10,912 | \$ 11,239 | \$ 11,577 | \$ 11,924 | \$ 12,282 | \$ 12,650 | \$ 13,030 | \$ 13,420 | \$ 13,823 | \$ 14,238 | \$ 14,665 | \$ 15,105 |
| | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Office Computer | \$ 1,354 | \$ 1,395 | \$ 1,437 | \$ 1,480 | \$ 1,524 | \$ 1,570 | \$ 1,617 | \$ 1,666 | \$ 1,716 | \$ 1,767 | \$ 1,820 | \$ 1,875 | \$ 1,931 | \$ 1,989 | \$ 2,049 | \$ 2,110 |
| Printer | \$ 1,069 | \$ 1,101 | \$ 1,134 | \$ 1,168 | \$ 1,204 | \$ 1,240 | \$ 1,277 | \$ 1,315 | \$ 1,355 | \$ 1,395 | \$ 1,437 | \$ 1,480 | \$ 1,525 | \$ 1,570 | \$ 1,617 | \$ 1,666 |
| Office Desk / Credenza | \$ 3,137 | \$ 3,231 | \$ 3,328 | \$ 3,428 | \$ 3,530 | \$ 3,636 | \$ 3,745 | \$ 3,858 | \$ 3,973 | \$ 4,093 | \$ 4,215 | \$ 4,342 | \$ 4,472 | \$ 4,606 | \$ 4,745 | \$ 4,887 |
| Office Chair | \$ 677 | \$ 698 | \$ 718 | \$ 740 | \$ 762 | \$ 785 | \$ 809 | \$ 833 | \$ 858 | \$ 884 | \$ 910 | \$ 937 | \$ 966 | \$ 995 | \$ 1,024 | \$ 1,055 |
| Snow Pusher | \$ 26,448 | \$ 27,241 | \$ 28,059 | \$ 28,900 | \$ 29,767 | \$ 30,660 | \$ 31,580 | \$ 32,528 | \$ 33,503 | \$ 34,508 | \$ 35,544 | \$ 36,610 | \$ 37,708 | \$ 38,840 | \$ 40,005 | \$ 41,205 |
| Radios (5) | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Carpet 20 sq yds | \$ 257 | \$ 264 | \$ 272 | \$ 280 | \$ 289 | \$ 298 | \$ 306 | \$ 316 | \$ 325 | \$ 335 | \$ 345 | \$ 355 | \$ 366 | \$ 377 | \$ 388 | \$ 400 |
| Roof - 4th Street Building | \$ 22,812 | \$ 23,497 | \$ 24,201 | \$ 24,927 | \$ 25,675 | \$ 26,446 | \$ 27,239 | \$ 28,056 | \$ 28,898 | \$ 29,765 | \$ 30,658 | \$ 31,577 | \$ 32,525 | \$ 33,500 | \$ 34,505 | \$ 35,541 |
| Overhead Doors (3) 4th St. Bldg | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Overhead Door Openers - 4th St. Bldg | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Service Doors (2) - 4th St. Bldg | \$ 7,984 | \$ 8,224 | \$ 8,471 | \$ 8,725 | \$ 8,986 | \$ 9,256 | \$ 9,534 | \$ 9,820 | \$ 10,114 | \$ 10,418 | \$ 10,730 | \$ 11,052 | \$ 11,384 | \$ 11,725 | \$ 12,077 | \$ 12,439 |
| Heating System - 4th St. Bldg | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Lighting System - 4th St. Bldg | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Tuckpointing - 4th St. Bldg | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Building - Gathje | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Building - Greenway | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Building - Ready Mix | | | | | | | | | | | | | | | | |
| Property - Ready Mix | | | | | | | | | | | | | | | | |
| Outdoor Warning Sirens (4) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Cash to be Spent | \$ (17,109) | \$ (39,357) | \$ (32,143) | \$ (1,480) | \$ (515,974) | \$ (25,619) | \$ (1,277) | \$ (36,736) | \$ (60,053) | \$ (155,777) | \$ (274,578) | \$ (352,187) | | \$ (137,352) | \$ (70,063) | \$ (2,110) |
| Annual Funding Allocation | \$ 100,212 | \$ 103,218 | \$ 106,314 | \$ 109,504 | \$ 112,789 | \$ 116,173 | \$ 119,658 | \$ 123,248 | \$ 126,945 | \$ 130,753 | \$ 134,676 | \$ 138,716 | \$ 142,878 | \$ 147,164 | \$ 151,579 | \$ 156,126 |
| Trade/Sale Value | | | | | | | | | | | | | | | | |
| Reserve Fund Balance | \$ 73,113 | \$ 138,436 | \$ 215,377 | \$ 327,708 | \$ (68,923) | \$ 20,253 | \$ 139,039 | \$ 228,331 | \$ 299,790 | \$ 280,762 | \$ 146,475 | \$ (64,065) | \$ 77,531 | \$ 88,894 | \$ 172,188 | \$ 329,648 |

| CITY OF CHATFIELD | | | CAPITAL GOODS REPLACEMENT PLAN | | | | | Park Department | | | | Jan. 2021 | | | | | CITY OF | | |
|--|---|------------|--------------------------------|-------------|-------------|-------------|------------|-----------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|--|--|
| | Cost of Each Piece of Equipment and the Year of Replacement | | | | | | | | | | | | | | | | | | |
| | Year of | 2020 | Years of | | | | | | | | | | | | | | | | |
| ITEM | Purchase | Cost | Use | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | | |
| Pick-up Truck / Dump Box & Tommy Lift | | \$ 55,000 | 10 | \$ 55,000 | \$ 56,650 | \$ 58,350 | \$ 60,100 | \$ 61,903 | \$ 63,760 | \$ 65,673 | \$ 67,643 | \$ 69,672 | \$ 71,763 | \$ 73,915 | \$ 76,133 | \$ 78,417 | \$ 80,769 | | |
| WAM Parks Mower | 2020 | \$ 29,000 | 4 | \$ 29,000 | \$ 29,870 | \$ 30,766 | \$ 31,689 | \$ 32,640 | \$ 33,619 | \$ 34,628 | \$ 35,666 | \$ 36,736 | \$ 37,838 | \$ 38,974 | \$ 40,143 | \$ 41,347 | \$ 42,587 | | |
| 72" Front Deck | 2018 | \$ 16,000 | 4 | \$ 16,000 | \$ 16,480 | \$ 16,974 | \$ 17,484 | \$ 18,008 | \$ 18,548 | \$ 19,105 | \$ 19,678 | \$ 20,268 | \$ 20,876 | \$ 21,503 | \$ 22,148 | \$ 22,812 | \$ 23,497 | | |
| City Park | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Bandshell | 1999 | \$ 176,000 | 30 | \$176,000 | \$ 181,280 | \$ 186,718 | \$ 192,320 | \$ 198,090 | \$ 204,032 | \$ 210,153 | \$ 216,458 | \$ 222,952 | \$ 229,640 | \$ 236,529 | \$ 243,625 | \$ 250,934 | \$ 258,462 | | |
| Visitor Center | 1999 | \$ 55,000 | 30 | \$ 55,000 | \$ 56,650 | \$ 58,350 | \$ 60,100 | \$ 61,903 | \$ 63,760 | \$ 65,673 | \$ 67,643 | \$ 69,672 | \$ 71,763 | \$ 73,915 | \$ 76,133 | \$ 78,417 | \$ 80,769 | | |
| Tuper's Goose | 1998 | \$ 30,000 | 30 | \$ 30,000 | \$ 30,900 | \$ 31,827 | \$ 32,782 | \$ 33,765 | \$ 34,778 | \$ 35,822 | \$ 36,896 | \$ 38,003 | \$ 39,143 | \$ 40,317 | \$ 41,527 | \$ 42,773 | \$ 44,056 | | |
| Playground Equipment | 2007 | \$ 145,000 | 30 | \$145,000 | \$ 149,350 | \$ 153,831 | \$ 158,445 | \$ 163,199 | \$ 168,095 | \$ 173,138 | \$ 178,332 | \$ 183,682 | \$ 189,192 | \$ 194,868 | \$ 200,714 | \$ 206,735 | \$ 212,937 | | |
| Play area Groundcover | 2007 | \$ 17,000 | 10 | \$ 17,000 | \$ 17,510 | \$ 18,035 | \$ 18,576 | \$ 19,134 | \$ 19,708 | \$ 20,299 | \$ 20,908 | \$ 21,535 | \$ 22,181 | \$ 22,847 | \$ 23,532 | \$ 24,238 | \$ 24,965 | | |
| Diagonal Sidewalk | | | 25 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Picnic Tables (10) | 2015 | \$ 11,000 | 20 | \$ 11,000 | \$ 10,000 | \$ 10,300 | \$ 10,609 | \$ 10,927 | \$ 11,255 | \$ 11,593 | \$ 11,941 | \$ 12,299 | \$ 12,668 | \$ 13,048 | \$ 13,439 | \$ 13,842 | \$ 14,258 | | |
| Park Benches | 2001 | \$ 1 | 10 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | | |
| Electrical Service | | 1 | 0 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | | |
| Lighting System | 2007 | \$ 1 | 7 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | \$ 1 | | |
| Groen Park | 2003 | | 7 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Shelter | 2004 | \$ 35,000 | 30 | \$ 35,000 | \$ 36,050 | \$ 37,132 | \$ 38,245 | \$ 39,393 | \$ 40,575 | \$ 41,792 | \$ 43,046 | \$ 44,337 | \$ 45,667 | \$ 47,037 | \$ 48,448 | \$ 49,902 | \$ 51,399 | | |
| Shelter Concrete | 2004 | \$ 16,000 | 30 | \$ 16,000 | \$ 16,480 | \$ 16,974 | \$ 17,484 | \$ 18,008 | \$ 18,548 | \$ 19,105 | \$ 19,678 | \$ 20,268 | \$ 20,876 | \$ 21,503 | \$ 22,148 | \$ 22,812 | \$ 23,497 | | |
| Playground Equipment | 2004 | \$ 87,000 | 30 | \$ 87,000 | \$ 89,610 | \$ 92,298 | \$ 95,067 | \$ 97,919 | \$ 100,857 | \$ 103,883 | \$ 106,999 | \$ 110,209 | \$ 113,515 | \$ 116,921 | \$ 120,428 | \$ 124,041 | \$ 127,762 | | |
| Play area Groundcover | 2004 | \$ 8,000 | 30 | \$ 8,000 | \$ 8,240 | \$ 8,487 | \$ 8,742 | \$ 9,004 | \$ 9,274 | \$ 9,552 | \$ 9,839 | \$ 10,134 | \$ 10,438 | \$ 10,751 | \$ 11,074 | \$ 11,406 | \$ 11,748 | | |
| Parking lot & path sealcoating Groen & MCP | | \$ 12,000 | | \$ 12,000 | \$ 12,360 | \$ 11,200 | \$ 11,536 | \$ 11,882 | \$ 12,239 | \$ 12,606 | \$ 12,984 | \$ 13,373 | \$ 13,775 | \$ 14,188 | \$ 14,613 | \$ 15,052 | \$ 15,503 | | |
| Parking Lot | 2005 | \$ 30,000 | 20 | \$ 30,000 | \$ 30,900 | \$ 31,827 | \$ 32,782 | \$ 33,765 | \$ 34,778 | \$ 35,822 | \$ 36,896 | \$ 38,003 | \$ 39,143 | \$ 40,317 | \$ 41,527 | \$ 42,773 | \$ 44,056 | | |
| Entrance Sign | 2005 | \$ 12,000 | 30 | \$ 12,000 | \$ 12,360 | \$ 12,731 | \$ 13,113 | \$ 13,506 | \$ 13,911 | \$ 14,329 | \$ 14,758 | \$ 15,201 | \$ 15,657 | \$ 16,127 | \$ 16,611 | \$ 17,109 | \$ 17,622 | | |
| Drinking Fountain | 2007 | \$ 3,000 | 20 | \$ 3,000 | \$ 3,090 | \$ 3,183 | \$ 3,278 | \$ 3,377 | \$ 3,478 | \$ 3,582 | \$ 3,690 | \$ 3,800 | \$ 3,914 | \$ 4,032 | \$ 4,153 | \$ 4,277 | \$ 4,406 | | |
| Recreational Path | 2007 | \$ 75,000 | 20 | \$ 75,000 | \$ 77,250 | \$ 79,568 | \$ 81,955 | \$ 84,413 | \$ 86,946 | \$ 89,554 | \$ 92,241 | \$ 95,008 | \$ 97,858 | \$ 100,794 | \$ 103,818 | \$ 106,932 | \$ 110,140 | | |
| Swimming Pool | | | 20 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Floyd Mohawk Park | 2002 | | 20 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Swingset | | | 20 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Merry-Go-Round | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Mill Creek Park | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| | | | | \$ - | | | | | | | | | | | | | | | |
| Basketball Court | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Warming House | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Hockey Boards | 2014 | \$ 17,000 | 15 | \$ 17,000 | \$ 17,510 | \$ 18,035 | \$ 18,576 | \$ 19,134 | \$ 19,708 | \$ 20,299 | \$ 20,908 | \$ 21,535 | \$ 22,181 | \$ 22,847 | \$ 23,532 | \$ 24,238 | \$ 24,965 | | |
| Lights at Skating Rink | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Horse Arena | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Horse Arena Speaker Bldng | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Recreational Path | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Softball Field, fencing, clay | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Softball Field Lights | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Baseball Field fencing, clay | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Playground Equipment | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Shelter | 1999 | \$ 54,000 | 30 | \$ 54,000 | \$ 55,620 | \$ 57,289 | \$ 59,007 | \$ 60,777 | \$ 62,601 | \$ 64,479 | \$ 66,413 | \$ 68,406 | \$ 70,458 | \$ 72,571 | \$ 74,749 | \$ 76,991 | \$ 79,301 | | |
| Sand Volleyball Courts | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Horseshoe Courts | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Fishing Pier | 2016 | \$ 52,000 | 20 | \$ 52,000 | \$ 53,560 | \$ 55,167 | \$ 56,822 | \$ 58,526 | \$ 60,282 | \$ 62,091 | \$ 63,953 | \$ 65,872 | \$ 67,848 | \$ 69,884 | \$ 71,980 | \$ 74,140 | \$ 76,364 | | |
| Skatepark Equipment/Fence | 2004 | \$ 64,000 | 20 | \$ 64,000 | \$ 65,920 | \$ 67,898 | \$ 69,935 | \$ 72,033 | \$ 74,194 | \$ 76,419 | \$ 78,712 | \$ 81,073 | \$ 83,505 | \$ 86,011 | \$ 88,591 | \$ 91,249 | \$ 93,986 | | |
| Driveways & Parking Areas | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Point of Entry Signs | 2007 | \$ 12,000 | 30 | \$ 12,000 | \$ 12,360 | \$ 12,731 | \$ 13,113 | \$ 13,506 | \$ 13,911 | \$ 14,329 | \$ 14,758 | \$ 15,201 | \$ 15,657 | \$ 16,127 | \$ 16,611 | \$ 17,109 | \$ 17,622 | | |
| | | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| Lonestone Park | | | | | | | | | | | | | | | | | | | |
| Playground Equipment | | \$ 60,000 | 30 | \$ 60,000 | \$ 61,800 | \$ 63,654 | \$ 65,564 | \$ 67,531 | \$ 69,556 | \$ 71,643 | \$ 73,792 | \$ 76,006 | \$ 78,286 | \$ 80,635 | \$ 83,054 | \$ 85,546 | \$ 88,112 | | |
| Play area Groundcover | | \$ 6,000 | 30 | \$ 6,000 | \$ 6,180 | \$ 6,365 | \$ 6,556 | \$ 6,753 | \$ 6,956 | \$ 7,164 | \$ 7,379 | \$ 7,601 | \$ 7,829 | \$ 8,063 | \$ 8,305 | \$ 8,555 | \$ 8,811 | | |
| Tables & Benches | | \$ 2,000 | 10 | \$ 2,000 | \$ 2,060 | \$ 2,122 | \$ 2,185 | \$ 2,251 | \$ 2,319 | \$ 2,388 | \$ 2,460 | \$ 2,534 | \$ 2,610 | \$ 2,688 | \$ 2,768 | \$ 2,852 | \$ 2,937 | | |
| | | | | | | | | | | | | | | | | | | | |
| City Point of Entry Signs | 1997 | \$ 18,000 | 30 | \$ 18,000 | \$ 18,540 | \$ 19,096 | \$ 19,669 | \$ 20,259 | \$ 20,867 | \$ 21,493 | \$ 22,138 | \$ 22,802 | \$ 23,486 | \$ 24,190 | \$ 24,916 | \$ 25,664 | \$ 26,434 | | |
| TOTAL CASH TO BE SPENT EACH YEAR | | | | \$ (29,000) | \$ (56,650) | \$ (28,174) | | \$ (32,640) | | \$ (19,105) | \$ (12,984) | \$ (36,736) | | \$ (21,503) | \$ (76,133) | \$ (56,399) | | | |
| Reserve Fund Balance EOY 2019 = | | \$ 137,872 | | | | | | | | | | | | | | | | | |
| Allocation included In Annual Budget = | | | | \$ 41,200 | \$ 42,436 | \$ 43,709 | \$ 45,020 | \$ 46,371 | \$ 47,762 | \$ 49,195 | \$ 50,671 | \$ 52,191 | \$ 53,757 | \$ 55,369 | \$ 57,030 | \$ 58,741 | \$ 60,504 | | |
| Adjustment to EOY 2020 | | | | \$ (5,592) | | | | | | | | | | | | | | | |
| RESERVE FUND BALANCE END OF EACH YEAR | | | | \$144,480 | \$ 134,600 | \$ 154,173 | \$ 203,819 | \$ 223,664 | \$ 278,136 | \$ 316,571 | \$ 363,755 | \$ 390,122 | \$ 455,582 | \$ 503,116 | \$ 499,107 | \$ 516,423 | \$ 592,419 | | |
| | | | | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | | |
| NOTE: There is approximately \$55,000 in Fund as a bequest, dedicated for capital improvement to Groen Park. | | | | | | | | | | | | | | | | | | | |

| CHATFIELD | | CAPITAL GOODS REPLACEMENT PLAN | | | | | | | | | | | | | Jan. 2021 | | CITY OF CHATFIELD |
|-----------------------------|-------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------------------|
| | | | | | | | | | | | | | | | | | |
| ITEM | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | ITEM |
| Pick-Up | \$ 83,192 | \$ 85,688 | \$ 88,259 | \$ 90,907 | \$ 93,634 | \$ 96,443 | \$ 99,336 | \$ 102,316 | \$ 105,386 | \$ 108,547 | \$ 111,804 | \$ 115,158 | \$ 118,613 | \$ 122,171 | \$ 125,836 | \$ 129,611 | |
| WAM Parks Mower | \$ 43,865 | \$ 45,181 | \$ 46,536 | \$ 47,933 | \$ 49,371 | \$ 50,852 | \$ 52,377 | \$ 53,949 | \$ 55,567 | \$ 57,234 | \$ 58,951 | \$ 60,720 | \$ 62,541 | \$ 64,417 | \$ 66,350 | \$ 68,340 | Parks Mower |
| 72" Front Deck | \$ 24,201 | \$ 24,927 | \$ 25,675 | \$ 26,446 | \$ 27,239 | \$ 28,056 | \$ 28,898 | \$ 29,765 | \$ 30,658 | \$ 31,577 | \$ 32,525 | \$ 33,500 | \$ 34,505 | \$ 35,541 | \$ 36,607 | \$ 37,705 | Pick Up Truck |
| City Park | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | City Park |
| Bandshell | \$ 266,216 | \$ 274,202 | \$ 282,428 | \$ 290,901 | \$ 299,628 | \$ 308,617 | \$ 317,876 | \$ 327,412 | \$ 337,234 | \$ 347,351 | \$ 357,772 | \$ 368,505 | \$ 379,560 | \$ 390,947 | \$ 402,675 | \$ 414,756 | Bandshell |
| Visitor Center | \$ 83,192 | \$ 85,688 | \$ 88,259 | \$ 90,907 | \$ 93,634 | \$ 96,443 | \$ 99,336 | \$ 102,316 | \$ 105,386 | \$ 108,547 | \$ 111,804 | \$ 115,158 | \$ 118,613 | \$ 122,171 | \$ 125,836 | \$ 129,611 | Visitor Center |
| Tuper's Goose | \$ 45,378 | \$ 46,739 | \$ 48,141 | \$ 49,585 | \$ 51,073 | \$ 52,605 | \$ 54,183 | \$ 55,809 | \$ 57,483 | \$ 59,208 | \$ 60,984 | \$ 62,813 | \$ 64,698 | \$ 66,639 | \$ 68,638 | \$ 70,697 | Tuper's Goose |
| Playground Equipment | \$ 219,326 | \$ 225,905 | \$ 232,682 | \$ 239,663 | \$ 246,853 | \$ 254,258 | \$ 261,886 | \$ 269,743 | \$ 277,835 | \$ 286,170 | \$ 294,755 | \$ 303,598 | \$ 312,706 | \$ 322,087 | \$ 331,750 | \$ 341,702 | Playground Equipment |
| Play area Groundcover | \$ 25,714 | \$ 26,485 | \$ 27,280 | \$ 28,098 | \$ 28,941 | \$ 29,810 | \$ 30,704 | \$ 31,625 | \$ 32,574 | \$ 33,551 | \$ 34,557 | \$ 35,594 | \$ 36,662 | \$ 37,762 | \$ 38,895 | \$ 40,062 | Play area Groundcover |
| Diagonal Sidewalk | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Diagonal Sidewalk |
| Picnic Tables | \$ 14,685 | \$ 15,126 | \$ 15,580 | \$ 16,047 | \$ 16,528 | \$ 17,024 | \$ 17,535 | \$ 18,061 | \$ 18,603 | \$ 19,161 | \$ 19,736 | \$ 20,328 | \$ 20,938 | \$ 21,566 | \$ 22,213 | \$ 22,879 | Picnic Tables |
| Park Benches | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | Park Benches |
| Electrical Service | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | Electrical Service |
| Lighting System | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | \$ 2 | Lighting System |
| Groen Park | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Groen Park |
| Shelter | \$ 52,941 | \$ 54,529 | \$ 56,165 | \$ 57,850 | \$ 59,585 | \$ 61,373 | \$ 63,214 | \$ 65,110 | \$ 67,064 | \$ 69,076 | \$ 71,148 | \$ 73,282 | \$ 75,481 | \$ 77,745 | \$ 80,077 | \$ 82,480 | Shelter |
| Shelter Concrete | \$ 24,201 | \$ 24,927 | \$ 25,675 | \$ 26,446 | \$ 27,239 | \$ 28,056 | \$ 28,898 | \$ 29,765 | \$ 30,658 | \$ 31,577 | \$ 32,525 | \$ 33,500 | \$ 34,505 | \$ 35,541 | \$ 36,607 | \$ 37,705 | Shelter Concrete |
| Playground Equipment | \$ 131,595 | \$ 135,543 | \$ 139,609 | \$ 143,798 | \$ 148,112 | \$ 152,555 | \$ 157,132 | \$ 161,846 | \$ 166,701 | \$ 171,702 | \$ 176,853 | \$ 182,159 | \$ 187,623 | \$ 193,252 | \$ 199,050 | \$ 205,021 | Playground Equipment |
| Play area Groundcover | \$ 12,101 | \$ 12,464 | \$ 12,838 | \$ 13,223 | \$ 13,619 | \$ 14,028 | \$ 14,449 | \$ 14,882 | \$ 15,329 | \$ 15,789 | \$ 16,262 | \$ 16,750 | \$ 17,253 | \$ 17,770 | \$ 18,303 | \$ 18,853 | Play area Groundcover |
| Path/parking lot sealing | \$ 15,969 | \$ 16,448 | \$ 16,941 | \$ 17,449 | \$ 17,973 | \$ 18,512 | \$ 19,067 | \$ 19,639 | \$ 20,228 | \$ 20,835 | \$ 21,460 | \$ 22,104 | \$ 22,767 | \$ 23,450 | \$ 24,154 | \$ 24,878 | Sealing paths & parking lot |
| Parking Lot | \$ 45,378 | \$ 46,739 | \$ 48,141 | \$ 49,585 | \$ 51,073 | \$ 52,605 | \$ 54,183 | \$ 55,809 | \$ 57,483 | \$ 59,208 | \$ 60,984 | \$ 62,813 | \$ 64,698 | \$ 66,639 | \$ 68,638 | \$ 70,697 | Parking Lot |
| Entrance Sign | \$ 18,151 | \$ 18,696 | \$ 19,256 | \$ 19,834 | \$ 20,429 | \$ 21,042 | \$ 21,673 | \$ 22,324 | \$ 22,993 | \$ 23,683 | \$ 24,394 | \$ 25,125 | \$ 25,879 | \$ 26,655 | \$ 27,455 | \$ 28,279 | Entrance Sign |
| Drinking Fountain | \$ 4,538 | \$ 4,674 | \$ 4,814 | \$ 4,959 | \$ 5,107 | \$ 5,261 | \$ 5,418 | \$ 5,581 | \$ 5,748 | \$ 5,921 | \$ 6,098 | \$ 6,281 | \$ 6,470 | \$ 6,664 | \$ 6,864 | \$ 7,070 | Drinking Fountain |
| Recreational Path | \$ 113,444 | \$ 116,848 | \$ 120,353 | \$ 123,964 | \$ 127,682 | \$ 131,513 | \$ 135,458 | \$ 139,522 | \$ 143,708 | \$ 148,019 | \$ 152,460 | \$ 157,033 | \$ 161,744 | \$ 166,597 | \$ 171,595 | \$ 176,742 | Recreational Path |
| Swimming Pool | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Swimming Pool |
| Floyd Mohawk Park | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Floyd Mohawk Park |
| Swingset | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Swingset |
| Merry-Go-Round | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Merry-Go-Round |
| Mill Creek Park | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Mill Creek Park |
| Picnic Tables (9) | | | | | | | | | | | | | | | | | Picnic Tables (9) |
| Basketball Court | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Basketball Court |
| Warming House | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Warming House |
| Hockey Boards | \$ 25,714 | \$ 26,485 | \$ 27,280 | \$ 28,098 | \$ 28,941 | \$ 29,810 | \$ 30,704 | \$ 31,625 | \$ 32,574 | \$ 33,551 | \$ 34,557 | \$ 35,594 | \$ 36,662 | \$ 37,762 | \$ 38,895 | \$ 40,062 | Hockey Boards |
| Lights at Skating Rink | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Lights at Skating Rink |
| Horse Arena | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Horse Arena |
| Horse Arena Speaker Bl | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Horse Arena Speaker Bl |
| Recreational Path | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Recreational Path |
| Softball Field, fencing, cl | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Softball Field, fencing, cl |
| Softball Field Lights | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Softball Field Lights |
| Baseball Field fencing, cl | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Baseball Field fencing, cl |
| Playground Equipment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Playground Equipment |
| Shelter | \$ 81,680 | \$ 84,130 | \$ 86,654 | \$ 89,254 | \$ 91,931 | \$ 94,689 | \$ 97,530 | \$ 100,456 | \$ 103,470 | \$ 106,574 | \$ 109,771 | \$ 113,064 | \$ 116,456 | \$ 119,950 | \$ 123,548 | \$ 127,255 | Shelter |
| Sand Volleyball Courts | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Sand Volleyball Courts |
| Horseshoe Courts | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Horseshoe Courts |
| Fishing Pier | \$ 78,655 | \$ 81,014 | \$ 83,445 | \$ 85,948 | \$ 88,527 | \$ 91,182 | \$ 93,918 | \$ 96,735 | \$ 99,637 | \$ 102,626 | \$ 105,705 | \$ 108,876 | \$ 112,143 | \$ 115,507 | \$ 118,972 | \$ 122,541 | Fishing Pier |
| Skatepark Equipment/Fe | \$ 96,806 | \$ 99,710 | \$ 102,701 | \$ 105,782 | \$ 108,956 | \$ 112,224 | \$ 115,591 | \$ 119,059 | \$ 122,631 | \$ 126,310 | \$ 130,099 | \$ 134,002 | \$ 138,022 | \$ 142,162 | \$ 146,427 | \$ 150,820 | Skatepark Equipment/Fe |
| Driveways & Parking Are | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Driveways & Parking Are |
| Point of Entry Signs | \$ 18,151 | \$ 18,696 | \$ 19,256 | \$ 19,834 | \$ 20,429 | \$ 21,042 | \$ 21,673 | \$ 22,324 | \$ 22,993 | \$ 23,683 | \$ 24,394 | \$ 25,125 | \$ 25,879 | \$ 26,655 | \$ 27,455 | \$ 28,279 | Point of Entry Signs |
| Picnic Tables - Other (10) | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Picnic Tables - Other Park |
| Playground Equipment | \$ 90,755 | \$ 93,478 | \$ 96,282 | \$ 99,171 | \$ 102,146 | \$ 105,210 | \$ 108,367 | \$ 111,618 | \$ 114,966 | \$ 118,415 | \$ 121,968 | \$ 125,627 | \$ 129,395 | \$ 133,277 | \$ 137,276 | \$ 141,394 | Playground Equipment |
| Play area Groundcover | \$ 9,076 | \$ 9,348 | \$ 9,628 | \$ 9,917 | \$ 10,215 | \$ 10,521 | \$ 10,837 | \$ 11,162 | \$ 11,497 | \$ 11,842 | \$ 12,197 | \$ 12,563 | \$ 12,940 | \$ 13,328 | \$ 13,728 | \$ 14,139 | Play area Groundcover |
| | \$ 3,025 | \$ 3,116 | \$ 3,209 | \$ 3,306 | \$ 3,405 | \$ 3,507 | \$ 3,612 | \$ 3,721 | \$ 3,832 | \$ 3,947 | \$ 4,066 | \$ 4,188 | \$ 4,313 | \$ 4,443 | \$ 4,576 | \$ 4,713 | |
| City Point of Entry Signs | | | | | | | | | | | | | | | | | City Point of Entry Signs |
| TOTAL CASH SPENT BY | \$ (24,201) | | \$ (46,536) | \$ (17,449) | \$ (27,239) | | \$ (52,377) | \$ (120,377) | \$ (69,489) | \$ (19,161) | \$ (78,687) | \$ (20,328) | \$ (34,505) | \$ (23,450) | \$ (66,350) | | TOTAL CASH SPENT BY |
| | \$ 62,319 | \$ 64,188 | \$ 66,114 | \$ 68,097 | \$ 70,140 | \$ 72,244 | \$ 74,412 | \$ 76,644 | \$ 78,943 | \$ 81,312 | \$ 83,751 | \$ 86,264 | \$ 88,852 | \$ 91,517 | \$ 94,263 | \$ 97,090 | |
| | \$ 648,309 | \$ 731,947 | \$ 773,483 | \$ 847,335 | \$ 915,657 | \$1,015,371 | \$1,067,866 | \$1,056,169 | \$1,097,309 | \$1,192,379 | \$ 1,233,214 | \$ 1,336,146 | \$ 1,430,577 | \$ 1,541,561 | \$ 1,615,720 | \$ 1,761,283 | Reserve Fund Cash Bal |
| ITEM | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | |

| Sanitary Sewer Department II | Cost of Each Piece of Equipment and the Year of Replacement | | | | | | | | | | Jan. 2021 | | | | | | |
|---|---|-------------------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ITEM | Year of Acquisition | Useful Life | 2020 Cost | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| Pick-up 1 Ton Regular Cab | | 1 | | | \$ 26,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| WWTF - Processing System | 2006 | 25 | #REF! | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| WWTF - Control Building | 2006 | 40 | #REF! | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| WWTF SCADA Computers (2) | 2013 | 7 | \$ 28,000 | \$ 28,000 | \$ 28,840 | \$ 29,705 | \$ 30,596 | \$ 31,514 | \$ 32,460 | \$ 33,433 | \$ 34,436 | \$ 35,470 | \$ 36,534 | \$ 37,630 | \$ 38,759 | \$ 39,921 | \$ 41,119 |
| Internet Computer (1) | 2018 | 5 | \$ 1,600 | \$ 1,600 | \$ 1,648 | \$ 1,697 | \$ 1,748 | \$ 1,801 | \$ 1,855 | \$ 1,910 | \$ 1,968 | \$ 2,027 | \$ 2,088 | \$ 2,150 | \$ 2,215 | \$ 2,281 | \$ 2,350 |
| Office Furniture (2 sets) | 2006 | 20 | \$ 5,800 | \$ 5,800 | \$ 5,974 | \$ 6,153 | \$ 6,338 | \$ 6,528 | \$ 6,724 | \$ 6,926 | \$ 7,133 | \$ 7,347 | \$ 7,568 | \$ 7,795 | \$ 8,029 | \$ 8,269 | \$ 8,517 |
| Conference Table & Chairs | 2006 | 20 | \$ 2,300 | \$ 2,300 | \$ 2,369 | \$ 2,440 | \$ 2,513 | \$ 2,589 | \$ 2,666 | \$ 2,746 | \$ 2,829 | \$ 2,914 | \$ 3,001 | \$ 3,091 | \$ 3,184 | \$ 3,279 | \$ 3,378 |
| | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Jetter / Vac (Net Cost, after Trade In) | 2006 | 15 | \$ 130,000 | \$ 100,000 | \$ 103,000 | \$ 106,090 | \$ 109,273 | \$ 112,551 | \$ 115,927 | \$ 119,405 | \$ 122,987 | \$ 126,677 | \$ 130,477 | \$ 134,392 | \$ 138,423 | \$ 142,576 | \$ 146,853 |
| Perimeter Fence | 2006 | 40 | \$ 29,500 | \$ 29,500 | \$ 30,385 | \$ 31,297 | \$ 32,235 | \$ 33,203 | \$ 34,199 | \$ 35,225 | \$ 36,281 | \$ 37,370 | \$ 38,491 | \$ 39,646 | \$ 40,835 | \$ 42,060 | \$ 43,322 |
| Bituminous Drive/Parking Area | 2006 | 30 | \$ 75,000 | \$ 75,000 | \$ 77,250 | \$ 79,568 | \$ 81,955 | \$ 84,413 | \$ 86,946 | \$ 89,554 | \$ 92,241 | \$ 95,008 | \$ 97,858 | \$ 100,794 | \$ 103,818 | \$ 106,932 | \$ 110,140 |
| Lift Station #1 | 1999 | 50 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Pumps (2) - Lift Station #1 Division St. | 1999 | 25 | \$ 7,000 | \$ 7,000 | \$ 7,210 | \$ 7,426 | \$ 7,649 | \$ 7,879 | \$ 8,115 | \$ 8,358 | \$ 8,609 | \$ 8,867 | \$ 9,133 | \$ 9,407 | \$ 9,690 | \$ 9,980 | \$ 10,280 |
| Lift Station #2 | 2003 | 50 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Pumps (2) - Lift Station #2 Lonestone | 2003 | 25 | \$ 9,500 | \$ 9,500 | \$ 9,785 | \$ 10,079 | \$ 10,381 | \$ 10,692 | \$ 11,013 | \$ 11,343 | \$ 11,684 | \$ 12,034 | \$ 12,395 | \$ 12,767 | \$ 13,150 | \$ 13,545 | \$ 13,951 |
| VFD (Replace 3 every four years) | 2007 | 12 | \$ 15,000 | \$ 15,000 | \$ 15,450 | \$ 15,914 | \$ 16,391 | \$ 16,883 | \$ 17,389 | \$ 17,911 | \$ 18,448 | \$ 19,002 | \$ 19,572 | \$ 20,159 | \$ 20,764 | \$ 21,386 | \$ 22,028 |
| Influent Lift Pumps (3) | | 15 | \$ 16,000 | \$ 16,000 | \$ 16,480 | \$ 16,974 | \$ 17,484 | \$ 18,008 | \$ 18,548 | \$ 19,105 | \$ 19,678 | \$ 20,268 | \$ 20,876 | \$ 21,503 | \$ 22,148 | \$ 22,812 | \$ 23,497 |
| Water Meters (500) | 2016 | 20 | \$ 250,000 | \$ 250,000 | \$ 257,500 | \$ 265,225 | \$ 273,182 | \$ 281,377 | \$ 289,819 | \$ 298,513 | \$ 307,468 | \$ 316,693 | \$ 326,193 | \$ 335,979 | \$ 346,058 | \$ 356,440 | \$ 367,133 |
| Water Meter Readers (1/2) | 2016 | 8 | \$ 2,000 | \$ 2,000 | \$ 2,060 | \$ 2,122 | \$ 2,185 | \$ 2,251 | \$ 2,319 | \$ 2,388 | \$ 2,460 | \$ 2,534 | \$ 2,610 | \$ 2,688 | \$ 2,768 | \$ 2,852 | \$ 2,937 |
| | 2006 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| RAS Pumps (2) | 2019 | 10 | \$ 24,000 | \$ 24,000 | \$ 24,720 | \$ 25,462 | \$ 26,225 | \$ 27,012 | \$ 27,823 | \$ 28,657 | \$ 29,517 | \$ 30,402 | \$ 31,315 | \$ 32,254 | \$ 33,222 | \$ 34,218 | \$ 35,245 |
| Upgrade WWTP For Phosphorus (2) | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 35,000 | \$ 36,050 | \$ 37,132 | \$ 38,245 |
| WAS Pumps (2) | 2006 | 17 | \$ 15,000 | \$ 15,000 | \$ 15,450 | \$ 15,914 | \$ 16,391 | \$ 16,883 | \$ 17,389 | \$ 17,911 | \$ 18,448 | \$ 19,002 | \$ 19,572 | \$ 20,159 | \$ 20,764 | \$ 21,386 | \$ 22,028 |
| Scum Pump | 2006 | 20 | \$ 8,000 | \$ 8,000 | \$ 8,240 | \$ 8,487 | \$ 8,742 | \$ 9,004 | \$ 9,274 | \$ 9,552 | \$ 9,839 | \$ 10,134 | \$ 10,438 | \$ 10,751 | \$ 11,074 | \$ 11,406 | \$ 11,748 |
| Reed Bed Pump | 2006 | 20 | \$ 8,000 | \$ 8,000 | \$ 8,240 | \$ 8,487 | \$ 8,742 | \$ 9,004 | \$ 9,274 | \$ 9,552 | \$ 9,839 | \$ 10,134 | \$ 10,438 | \$ 10,751 | \$ 11,074 | \$ 11,406 | \$ 11,748 |
| Generator | 1985 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Televising Sewer Main | | | \$ 7,000 | \$ 7,000 | \$ 7,210 | \$ 7,426 | \$ 7,649 | \$ 7,879 | \$ 8,115 | \$ 8,358 | \$ 8,609 | \$ 8,867 | \$ 9,133 | \$ 9,407 | \$ 9,690 | \$ 9,980 | \$ 10,280 |
| Trojan UV System | 2006 | 20 | \$ 130,000 | \$ 130,000 | \$ 133,900 | \$ 137,917 | \$ 142,055 | \$ 146,316 | \$ 150,706 | \$ 155,227 | \$ 159,884 | \$ 164,680 | \$ 169,621 | \$ 174,709 | \$ 179,950 | \$ 185,349 | \$ 190,909 |
| Roof Section A | | 25 | \$ 24,000 | \$ 24,000 | \$ 24,720 | \$ 25,462 | \$ 26,225 | \$ 27,012 | \$ 27,823 | \$ 28,657 | \$ 29,517 | \$ 30,402 | \$ 31,315 | \$ 32,254 | \$ 33,222 | \$ 34,218 | \$ 35,245 |
| Roof Section B | | 25 | \$ 13,000 | \$ 13,000 | \$ 13,390 | \$ 13,792 | \$ 14,205 | \$ 14,632 | \$ 15,071 | \$ 15,523 | \$ 15,988 | \$ 16,468 | \$ 16,962 | \$ 17,471 | \$ 17,995 | \$ 18,535 | \$ 19,091 |
| Roof Section C | | 25 | \$ 14,000 | \$ 14,000 | \$ 14,420 | \$ 14,853 | \$ 15,298 | \$ 15,757 | \$ 16,230 | \$ 16,717 | \$ 17,218 | \$ 17,735 | \$ 18,267 | \$ 18,815 | \$ 19,379 | \$ 19,961 | \$ 20,559 |
| Roof Section D | | 25 | \$ 15,000 | \$ 15,000 | \$ 15,450 | \$ 15,914 | \$ 16,391 | \$ 16,883 | \$ 17,389 | \$ 17,911 | \$ 18,448 | \$ 19,002 | \$ 19,572 | \$ 20,159 | \$ 20,764 | \$ 21,386 | \$ 22,028 |
| Roof Section E | | 25 | \$ 5,000 | \$ 5,000 | \$ 5,150 | \$ 5,305 | \$ 5,464 | \$ 5,628 | \$ 5,796 | \$ 5,970 | \$ 6,149 | \$ 6,334 | \$ 6,524 | \$ 6,720 | \$ 6,921 | \$ 7,129 | \$ 7,343 |
| Roof Section F | | 25 | \$ 25,000 | \$ 25,000 | \$ 25,750 | \$ 26,523 | \$ 27,318 | \$ 28,138 | \$ 28,982 | \$ 29,851 | \$ 30,747 | \$ 31,669 | \$ 32,619 | \$ 33,598 | \$ 34,606 | \$ 35,644 | \$ 36,713 |
| Roof Section G | | 25 | \$ 16,000 | \$ 16,000 | \$ 16,480 | \$ 16,974 | \$ 17,484 | \$ 18,008 | \$ 18,548 | \$ 19,105 | \$ 19,678 | \$ 20,268 | \$ 20,876 | \$ 21,503 | \$ 22,148 | \$ 22,812 | \$ 23,497 |
| Roof Section H | | 25 | \$ 2,000 | \$ 2,000 | \$ 2,060 | \$ 2,122 | \$ 2,185 | \$ 2,251 | \$ 2,319 | \$ 2,388 | \$ 2,460 | \$ 2,534 | \$ 2,610 | \$ 2,688 | \$ 2,768 | \$ 2,852 | \$ 2,937 |
| TOTAL CASH TO BE SPENT EACH YEAR | | | | \$ (128,000) | \$ (26,000) | \$ (32,888) | \$ (20,325) | \$ (7,879) | \$ (18,548) | \$ (204,302) | \$ (34,436) | \$ (157,206) | \$ (31,315) | \$ (55,159) | \$ (20,764) | | \$ (2,350) |
| Reserve Balance EOY 2019 = \$ 472,000 | | | | | | | | | | | | | | | | | |
| The items highlighted in this color will be funded with the issuance of bonds in those years. | | | | | | | | | | | | | | | | | |
| Debt Payments | | | | \$ (509,000) | \$ (575,000) | \$ (575,000) | \$ (575,000) | \$ (573,000) | \$ (545,000) | \$ (545,000) | \$ (520,000) | | | | | | |
| Debt Service - Grand Street Project | | Adjusted to EOY 2020 | | \$ (43,500) | | | | \$ (27,000) | \$ (27,000) | \$ (27,000) | \$ (27,000) | \$ (27,000) | \$ (27,000) | \$ (27,000) | \$ (27,000) | \$ (27,000) | \$ (27,000) |
| Cost of Operations | | Adjusted to 2020 Actual | | \$ (381,000) | \$ (383,180) | \$ (394,675) | \$ (406,516) | \$ (418,711) | \$ (431,272) | \$ (444,211) | \$ (457,537) | \$ (471,263) | \$ (485,401) | \$ (499,963) | \$ (514,962) | \$ (530,411) | \$ (546,323) |
| User Fees and Other Revenues | | Adjusted to 2020 Actual | | \$ 1,066,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 |
| Development Fee Revenues | | Adjusted to 2020 Actual | | \$ 15,600 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 |
| Water Meters for New Development | | | | \$ (875) | \$ (901) | \$ (928) | \$ (956) | \$ (985) | \$ (1,014) | \$ (1,045) | \$ (1,076) | \$ (1,108) | \$ (1,142) | \$ (1,176) | \$ (1,211) | \$ (1,248) | \$ (1,285) |
| RESERVE FUND BALANCE END OF EACH YEAR | | | | \$ 491,225 | \$ 560,344 | \$ 611,052 | \$ 662,456 | \$ 689,081 | \$ 720,446 | \$ 553,088 | \$ 567,239 | \$ 964,861 | \$ 1,474,204 | \$ 1,945,106 | \$ 2,435,369 | \$ 2,930,911 | \$ 3,408,154 |
| | | | | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |

NOTE: The pick up truck would be purchased from Lewiston Auto in 2021 at a net cost of \$26,000. If it has less than \$5,000 miles on it, it can be traded in each year, at no cost, for a new vehicle.

NOTE II: If UV System is not replaced until 2029, this plan comes really close to working.

NOTE III: The Cost of Operations has been reduced by \$4,150 to reflect reduced funding in that amount to the Street Vehicle Reserve Fund.

| Sanitary Sewer Department II | | | Jan. 2021 | | | | | | | | | | | | | | Sanitary Sewer Department |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|
| ITEM | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | ITEM |
| Pick-Up | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Pick-up |
| WWTF - Processing System | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | WWTF - Processing System |
| WWTF - Control Building | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | WWTF - Control Building |
| WWTF SCADA Computers (2) | \$ 42,353 | \$ 43,623 | \$ 44,932 | \$ 46,280 | \$ 47,668 | \$ 49,098 | \$ 50,571 | \$ 52,088 | \$ 53,651 | \$ 55,260 | \$ 56,918 | \$ 58,626 | \$ 60,385 | \$ 62,196 | \$ 64,062 | \$ 65,984 | WWTF SCADA Computers (2) |
| Internet Computer (1) | \$ 2,420 | \$ 2,493 | \$ 2,568 | \$ 2,645 | \$ 2,724 | \$ 2,806 | \$ 2,890 | \$ 2,976 | \$ 3,066 | \$ 3,158 | \$ 3,252 | \$ 3,350 | \$ 3,451 | \$ 3,554 | \$ 3,661 | \$ 3,771 | Internet Computer (1) |
| Office Furniture (2 sets) | \$ 8,773 | \$ 9,036 | \$ 9,307 | \$ 9,587 | \$ 9,874 | \$ 10,170 | \$ 10,475 | \$ 10,790 | \$ 11,113 | \$ 11,447 | \$ 11,790 | \$ 12,144 | \$ 12,508 | \$ 12,883 | \$ 13,270 | \$ 13,668 | Office Furniture (2 sets) |
| Conference Table & Chairs | \$ 3,479 | \$ 3,583 | \$ 3,691 | \$ 3,802 | \$ 3,916 | \$ 4,033 | \$ 4,154 | \$ 4,279 | \$ 4,407 | \$ 4,539 | \$ 4,675 | \$ 4,816 | \$ 4,960 | \$ 5,109 | \$ 5,262 | \$ 5,420 | Conference Table & Chairs |
| | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| Jetter (1994) | \$ 151,259 | \$ 155,797 | \$ 160,471 | \$ 165,285 | \$ 170,243 | \$ 175,351 | \$ 180,611 | \$ 186,029 | \$ 191,610 | \$ 197,359 | \$ 203,279 | \$ 209,378 | \$ 215,659 | \$ 222,129 | \$ 228,793 | \$ 235,657 | Jetter (1994) |
| Perimeter Fence | \$ 44,621 | \$ 45,960 | \$ 47,339 | \$ 48,759 | \$ 50,222 | \$ 51,728 | \$ 53,280 | \$ 54,879 | \$ 56,525 | \$ 58,221 | \$ 59,967 | \$ 61,766 | \$ 63,619 | \$ 65,528 | \$ 67,494 | \$ 69,519 | Perimeter Fence |
| Bituminous Drive/Parking Area | \$ 113,444 | \$ 116,848 | \$ 120,353 | \$ 123,964 | \$ 127,682 | \$ 131,513 | \$ 135,458 | \$ 139,522 | \$ 143,708 | \$ 148,019 | \$ 152,460 | \$ 157,033 | \$ 161,744 | \$ 166,597 | \$ 171,595 | \$ 176,742 | Bituminous Drive/Parking Area |
| Lift Station #1 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Lift Station #1 |
| Pumps (2) - Lift Station #1 Division St. | \$ 10,588 | \$ 10,906 | \$ 11,233 | \$ 11,570 | \$ 11,917 | \$ 12,275 | \$ 12,643 | \$ 13,022 | \$ 13,413 | \$ 13,815 | \$ 14,230 | \$ 14,656 | \$ 15,096 | \$ 15,549 | \$ 16,015 | \$ 16,496 | Pumps (2) - Lift Station #1 Division St. |
| Lift Station #2 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Lift Station #2 |
| Pumps (2) - Lift Station #2 Lonestone | \$ 14,370 | \$ 14,801 | \$ 15,245 | \$ 15,702 | \$ 16,173 | \$ 16,658 | \$ 17,158 | \$ 17,673 | \$ 18,203 | \$ 18,749 | \$ 19,312 | \$ 19,891 | \$ 20,488 | \$ 21,102 | \$ 21,735 | \$ 22,387 | Pumps (2) - Lift Station #2 Lonestone |
| VFD (Replace 3 every four years) | \$ 22,689 | \$ 23,370 | \$ 24,071 | \$ 24,793 | \$ 25,536 | \$ 26,303 | \$ 27,092 | \$ 27,904 | \$ 28,742 | \$ 29,604 | \$ 30,492 | \$ 31,407 | \$ 32,349 | \$ 33,319 | \$ 34,319 | \$ 35,348 | VFD (Replace 3 every four years) |
| Influent Lift Pumps (3) | \$ 24,201 | \$ 24,927 | \$ 25,675 | \$ 26,446 | \$ 27,239 | \$ 28,056 | \$ 28,898 | \$ 29,765 | \$ 30,658 | \$ 31,577 | \$ 32,525 | \$ 33,500 | \$ 34,505 | \$ 35,541 | \$ 36,607 | \$ 37,705 | Influent Lift Pumps (3) |
| Water Meters (500) | \$ 378,147 | \$ 389,492 | \$ 401,177 | \$ 413,212 | \$ 425,608 | \$ 438,377 | \$ 451,528 | \$ 465,074 | \$ 479,026 | \$ 493,397 | \$ 508,199 | \$ 523,444 | \$ 539,148 | \$ 555,322 | \$ 571,982 | \$ 589,141 | Water Meters (500) |
| Water Meter Readers (1/2) | \$ 3,025 | \$ 3,116 | \$ 3,209 | \$ 3,306 | \$ 3,405 | \$ 3,507 | \$ 3,612 | \$ 3,721 | \$ 3,832 | \$ 3,947 | \$ 4,066 | \$ 4,188 | \$ 4,313 | \$ 4,443 | \$ 4,576 | \$ 4,713 | Water Meter Readers (1/2) |
| | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | |
| RAS Pumps (2) | \$ 36,302 | \$ 37,391 | \$ 38,513 | \$ 39,668 | \$ 40,858 | \$ 42,084 | \$ 43,347 | \$ 44,647 | \$ 45,986 | \$ 47,366 | \$ 48,787 | \$ 50,251 | \$ 51,758 | \$ 53,311 | \$ 54,910 | \$ 56,558 | RAS Pumps (2) |
| Upgrade WWTP For Phosphorus (2) | \$ 39,393 | \$ 40,575 | \$ 41,792 | \$ 43,046 | \$ 44,337 | \$ 45,667 | \$ 47,037 | \$ 48,448 | \$ 49,902 | \$ 51,399 | \$ 52,941 | \$ 54,529 | \$ 56,165 | \$ 57,850 | \$ 59,585 | \$ 61,373 | Upgrade WWTP For Phosphorus (2) |
| WAS Pumps (2) | \$ 22,689 | \$ 23,370 | \$ 24,071 | \$ 24,793 | \$ 25,536 | \$ 26,303 | \$ 27,092 | \$ 27,904 | \$ 28,742 | \$ 29,604 | \$ 30,492 | \$ 31,407 | \$ 32,349 | \$ 33,319 | \$ 34,319 | \$ 35,348 | WAS Pumps (2) |
| Scum Pump | \$ 12,101 | \$ 12,464 | \$ 12,838 | \$ 13,223 | \$ 13,619 | \$ 14,028 | \$ 14,449 | \$ 14,882 | \$ 15,329 | \$ 15,789 | \$ 16,262 | \$ 16,750 | \$ 17,253 | \$ 17,770 | \$ 18,303 | \$ 18,853 | Scum Pump |
| Reed Bed Pump | \$ 12,101 | \$ 12,464 | \$ 12,838 | \$ 13,223 | \$ 13,619 | \$ 14,028 | \$ 14,449 | \$ 14,882 | \$ 15,329 | \$ 15,789 | \$ 16,262 | \$ 16,750 | \$ 17,253 | \$ 17,770 | \$ 18,303 | \$ 18,853 | Reed Bed Pump |
| Generator | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Generator |
| Televising Sewer Main | \$ 10,588 | \$ 10,906 | \$ 11,233 | \$ 11,570 | \$ 11,917 | \$ 12,275 | \$ 12,643 | \$ 13,022 | \$ 13,413 | \$ 13,815 | \$ 14,230 | \$ 14,656 | \$ 15,096 | \$ 15,549 | \$ 16,015 | \$ 16,496 | Televising Sewer Main |
| | \$ 196,637 | \$ 202,536 | \$ 208,612 | \$ 214,870 | \$ 221,316 | \$ 227,956 | \$ 234,794 | \$ 241,838 | \$ 249,093 | \$ 256,566 | \$ 264,263 | \$ 272,191 | \$ 280,357 | \$ 288,768 | \$ 297,431 | \$ 306,354 | |
| Roof Section A | \$ 36,302 | \$ 37,391 | \$ 38,513 | \$ 39,668 | \$ 40,858 | \$ 42,084 | \$ 43,347 | \$ 44,647 | \$ 45,986 | \$ 47,366 | \$ 48,787 | \$ 50,251 | \$ 51,758 | \$ 53,311 | \$ 54,910 | \$ 56,558 | Roof Section A |
| Roof Section B | \$ 19,664 | \$ 20,254 | \$ 20,861 | \$ 21,487 | \$ 22,132 | \$ 22,796 | \$ 23,479 | \$ 24,184 | \$ 24,909 | \$ 25,657 | \$ 26,426 | \$ 27,219 | \$ 28,036 | \$ 28,877 | \$ 29,743 | \$ 30,635 | Roof Section B |
| Roof Section C | \$ 21,176 | \$ 21,812 | \$ 22,466 | \$ 23,140 | \$ 23,834 | \$ 24,549 | \$ 25,286 | \$ 26,044 | \$ 26,825 | \$ 27,630 | \$ 28,459 | \$ 29,313 | \$ 30,192 | \$ 31,098 | \$ 32,031 | \$ 32,992 | Roof Section C |
| Roof Section D | \$ 22,689 | \$ 23,370 | \$ 24,071 | \$ 24,793 | \$ 25,536 | \$ 26,303 | \$ 27,092 | \$ 27,904 | \$ 28,742 | \$ 29,604 | \$ 30,492 | \$ 31,407 | \$ 32,349 | \$ 33,319 | \$ 34,319 | \$ 35,348 | Roof Section D |
| Roof Section E | \$ 7,563 | \$ 7,790 | \$ 8,024 | \$ 8,264 | \$ 8,512 | \$ 8,768 | \$ 9,031 | \$ 9,301 | \$ 9,581 | \$ 9,868 | \$ 10,164 | \$ 10,469 | \$ 10,783 | \$ 11,106 | \$ 11,440 | \$ 11,783 | Roof Section E |
| Roof Section F | \$ 37,815 | \$ 38,949 | \$ 40,118 | \$ 41,321 | \$ 42,561 | \$ 43,838 | \$ 45,153 | \$ 46,507 | \$ 47,903 | \$ 49,340 | \$ 50,820 | \$ 52,344 | \$ 53,915 | \$ 55,532 | \$ 57,198 | \$ 58,914 | Roof Section F |
| Roof Section G | \$ 24,201 | \$ 24,927 | \$ 25,675 | \$ 26,446 | \$ 27,239 | \$ 28,056 | \$ 28,898 | \$ 29,765 | \$ 30,658 | \$ 31,577 | \$ 32,525 | \$ 33,500 | \$ 34,505 | \$ 35,541 | \$ 36,607 | \$ 37,705 | Roof Section G |
| Roof Section H | \$ 3,025 | \$ 3,116 | \$ 3,209 | \$ 3,306 | \$ 3,405 | \$ 3,507 | \$ 3,612 | \$ 3,721 | \$ 3,832 | \$ 3,947 | \$ 4,066 | \$ 4,188 | \$ 4,313 | \$ 4,443 | \$ 4,576 | \$ 4,713 | Roof Section H |
| TOTAL CASH SPENT BY YEAR | \$ (68,067) | | \$ (682,000) | \$ (26,446) | \$ (28,260) | \$ (42,084) | \$ (55,989) | \$ (52,088) | \$ (32,574) | \$ (34,735) | | | \$ (428,299) | \$ (441,148) | \$ (72,299) | \$ (16,496) | TOTAL CASH SPENT BY YEAR |
| | | | | | | | | | | | | | | | | | |
| Debt Payments | | | | | | | | | | | | | | | | | Debt Payments |
| | | | | | | | | | | | | | | | | | |
| Cost of Operations | \$ (562,713) | \$ (579,594) | \$ (596,982) | \$ (614,891) | \$ (633,338) | \$ (652,338) | \$ (671,908) | \$ (692,066) | \$ (712,828) | \$ (734,213) | \$ (756,239) | \$ (778,926) | \$ (802,294) | \$ (826,363) | \$ (851,154) | \$ (876,688) | Cost of Operations |
| User Fees and Other Revenues | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | \$ 1,036,000 | User Fees and Other Revenues |
| Development Fee Revenues | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | \$ 18,200 | Development Fee Revenues |
| Water Meters for New Development | \$ (1,324) | \$ (1,363) | \$ (1,404) | \$ (1,446) | \$ (1,490) | \$ (1,534) | \$ (1,580) | \$ (1,628) | \$ (1,677) | \$ (1,727) | \$ (1,779) | \$ (1,832) | \$ (1,887) | \$ (1,944) | \$ (2,002) | \$ (2,062) | Water Meters for New Development |
| Reserve Fund Cash Balance | \$ 3,830,251 | \$ 4,303,493 | \$ 4,077,307 | \$ 4,488,724 | \$ 4,879,836 | \$ 5,238,079 | \$ 5,562,801 | \$ 5,871,219 | \$ 6,178,341 | \$ 6,461,866 | \$ 6,758,049 | \$ 7,031,491 | \$ 6,853,211 | \$ 6,637,957 | \$ 6,766,703 | \$ 6,925,657 | Reserve Fund Cash Balance |
| | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | |

| WATER DEPARTMENT II | | | Cost of Each Piece of Equipment and the Year of Replacement | | | | | | | | | | | | | | |
|---|------------|----------|---|-------------------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Year of | Useful | 2020 | | | | | | Jan. 2021 | | | | | | | | |
| ITEM | Acquisitio | Life | Cost | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| Well #2 | 1963 | | \$ 470,000 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Well #2 - Pump & Motor Service | 2016 | 8 | \$ 22,000 | \$ 22,000 | \$ 22,660 | \$ 23,340 | \$ 24,040 | \$ 24,761 | \$ 25,504 | \$ 26,269 | \$ 27,057 | \$ 27,869 | \$ 28,705 | \$ 29,566 | \$ 30,453 | \$ 31,367 | \$ 32,308 |
| Well #2 VFD | | 8 | \$ 6,200 | \$ 6,200 | \$ 6,386 | \$ 6,578 | \$ 6,775 | \$ 6,978 | \$ 7,187 | \$ 7,403 | \$ 7,625 | \$ 7,854 | \$ 8,090 | \$ 8,332 | \$ 8,582 | \$ 8,840 | \$ 9,105 |
| Well #2 - Pumphouse | 1963 | | \$ 36,000 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Well #3 | 1976 | | \$ 470,000 | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Well #3 - Pump & Motor Service | | 8 | \$ 22,000 | \$ 22,000 | \$ 22,660 | \$ 23,340 | \$ 24,040 | \$ 24,761 | \$ 25,504 | \$ 26,269 | \$ 27,057 | \$ 27,869 | \$ 28,705 | \$ 29,566 | \$ 30,453 | \$ 31,367 | \$ 32,308 |
| Well #3 VFD | 2018 | 8 | \$ 6,200 | \$ 6,200 | \$ 6,386 | \$ 6,578 | \$ 6,775 | \$ 6,978 | \$ 7,187 | \$ 7,403 | \$ 7,625 | \$ 7,854 | \$ 8,090 | \$ 8,332 | \$ 8,582 | \$ 8,840 | \$ 9,105 |
| Well #3 - Pumphouse | 1976 | | \$ 36,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Reconciliation to Actual | | | | \$ 16,500 | \$ 16,995 | \$ 17,505 | \$ 18,030 | \$ 18,571 | \$ 19,128 | \$ 19,702 | \$ 20,293 | \$ 20,902 | \$ 21,529 | \$ 22,175 | \$ 22,840 | \$ 23,525 | \$ 24,231 |
| Booster Station Pump 1 | 2018 | 10 | \$ 2,300 | \$ 2,300 | \$ 2,369 | \$ 2,440 | \$ 2,513 | \$ 2,589 | \$ 2,666 | \$ 2,746 | \$ 2,829 | \$ 2,914 | \$ 3,001 | \$ 3,091 | \$ 3,184 | \$ 3,279 | \$ 3,378 |
| Booster Station VFD | 2017 | 8 | \$ 4,600 | \$ 4,600 | \$ 4,738 | \$ 4,880 | \$ 5,027 | \$ 5,177 | \$ 5,333 | \$ 5,493 | \$ 5,657 | \$ 5,827 | \$ 6,002 | \$ 6,182 | \$ 6,367 | \$ 6,559 | \$ 6,755 |
| Booster Station Pump 2 | 2008 | 10 | \$ 2,200 | \$ 2,200 | \$ 2,266 | \$ 2,334 | \$ 2,404 | \$ 2,476 | \$ 2,550 | \$ 2,627 | \$ 2,706 | \$ 2,787 | \$ 2,871 | \$ 2,957 | \$ 3,045 | \$ 3,137 | \$ 3,231 |
| Booster Station VFD | 2016 | 8 | \$ 5,000 | \$ 5,000 | \$ 5,150 | \$ 5,305 | \$ 5,464 | \$ 5,628 | \$ 5,796 | \$ 5,970 | \$ 6,149 | \$ 6,334 | \$ 6,524 | \$ 6,720 | \$ 6,921 | \$ 7,129 | \$ 7,343 |
| Hilltop WaterTower Wash | 2008 | 20 | \$ 30,000 | \$ 30,000 | \$ 30,900 | \$ 31,827 | \$ 32,782 | \$ 33,765 | \$ 34,778 | \$ 35,822 | \$ 36,896 | \$ 38,003 | \$ 39,143 | \$ 40,317 | \$ 41,527 | \$ 42,773 | \$ 44,056 |
| In-ground Reservoir Repairs | 1891 | 20 | \$ 54,000 | \$ 54,000 | \$ 55,620 | \$ 57,289 | \$ 59,007 | \$ 60,777 | \$ 62,601 | \$ 64,479 | \$ 66,413 | \$ 68,406 | \$ 70,458 | \$ 72,571 | \$ 74,749 | \$ 76,991 | \$ 79,301 |
| Repaint & Repair South & OTR Tanks | | 20 | \$ 90,000 | \$ 90,000 | \$ 92,700 | \$ 95,481 | \$ 98,345 | \$ 101,296 | \$ 104,335 | \$ 107,465 | \$ 110,689 | \$ 114,009 | \$ 117,430 | \$ 120,952 | \$ 124,581 | \$ 128,318 | \$ 132,168 |
| OTR Tank - Wash | | 10 | \$ 12,000 | \$ 12,000 | \$ 12,360 | \$ 12,731 | \$ 13,113 | \$ 13,506 | \$ 13,911 | \$ 14,329 | \$ 14,758 | \$ 15,201 | \$ 15,657 | \$ 16,127 | \$ 16,611 | \$ 17,109 | \$ 17,622 |
| OTR Tank - Reconditioning | | 25 | \$ 220,000 | \$ 220,000 | \$ 226,600 | \$ 233,398 | \$ 240,400 | \$ 247,612 | \$ 255,040 | \$ 262,692 | \$ 270,572 | \$ 278,689 | \$ 287,050 | \$ 295,662 | \$ 304,531 | \$ 313,667 | \$ 323,077 |
| Storage Tank - South Reconditioning | 1996 | 25 | \$ 260,000 | \$ 260,000 | \$ 267,800 | \$ 275,834 | \$ 284,109 | \$ 292,632 | \$ 301,411 | \$ 310,454 | \$ 319,767 | \$ 329,360 | \$ 339,241 | \$ 349,418 | \$ 359,901 | \$ 370,698 | \$ 381,819 |
| Storage Tank - South Cleaning | | 10 | \$ 20,000 | \$ 20,000 | \$ 20,600 | \$ 21,218 | \$ 21,855 | \$ 22,510 | \$ 23,185 | \$ 23,881 | \$ 24,597 | \$ 25,335 | \$ 26,095 | \$ 26,878 | \$ 27,685 | \$ 28,515 | \$ 29,371 |
| Hydrant Upgrades (3 each yr) | | 50 | \$ 16,500 | \$ 16,500 | \$ 16,995 | \$ 17,505 | \$ 18,030 | \$ 18,571 | \$ 19,128 | \$ 19,702 | \$ 20,293 | \$ 20,902 | \$ 21,529 | \$ 22,175 | \$ 22,840 | \$ 23,525 | \$ 24,231 |
| Generator - Well #2 and Booster | | | \$ 60,000 | \$ 60,000 | \$ 61,800 | \$ 63,654 | \$ 65,564 | \$ 67,531 | \$ 69,556 | \$ 71,643 | \$ 73,792 | \$ 76,006 | \$ 78,286 | \$ 80,635 | \$ 83,054 | \$ 85,546 | \$ 88,112 |
| Water Meters (500 - half of system) | 2017 | 20 | \$ 250,000 | \$ 250,000 | \$ 257,500 | \$ 265,225 | \$ 273,182 | \$ 281,377 | \$ 289,819 | \$ 298,513 | \$ 307,468 | \$ 316,693 | \$ 326,193 | \$ 335,979 | \$ 346,058 | \$ 356,440 | \$ 367,133 |
| SCADA System | | | \$ 25,000 | \$ 25,000 | \$ 25,750 | \$ 26,523 | \$ 27,318 | \$ 28,138 | \$ 28,982 | \$ 29,851 | \$ 30,747 | \$ 31,669 | \$ 32,619 | \$ 33,598 | \$ 34,606 | \$ 35,644 | \$ 36,713 |
| Trimble (1/2) | | 10 | \$ 2,400 | \$ 2,400 | \$ 2,472 | \$ 2,546 | \$ 2,623 | \$ 2,701 | \$ 2,782 | \$ 2,866 | \$ 2,952 | \$ 3,040 | \$ 3,131 | \$ 3,225 | \$ 3,322 | \$ 3,422 | \$ 3,524 |
| Sealcoat Driveway | | 5 | \$ 1,200 | \$ 1,200 | \$ 1,236 | \$ 1,273 | \$ 1,311 | \$ 1,351 | \$ 1,391 | \$ 1,433 | \$ 1,476 | \$ 1,520 | \$ 1,566 | \$ 1,613 | \$ 1,661 | \$ 1,711 | \$ 1,762 |
| Roof on Wellhouses | | 25 | \$ 10,000 | \$ 10,000 | \$ 10,300 | \$ 10,609 | \$ 10,927 | \$ 11,255 | \$ 11,593 | \$ 11,941 | \$ 12,299 | \$ 12,668 | \$ 13,048 | \$ 13,439 | \$ 13,842 | \$ 14,258 | \$ 14,685 |
| Utility Billing Software (1/2) | | | \$ 9,000 | \$ 9,000 | \$ 9,270 | \$ 9,548 | \$ 9,835 | \$ 10,130 | \$ 10,433 | \$ 10,746 | \$ 11,069 | \$ 11,401 | \$ 11,743 | \$ 12,095 | \$ 12,458 | \$ 12,832 | \$ 13,217 |
| Water Meters for New Development | | | \$ 1,000 | \$ 1,000 | \$ 1,030 | \$ 1,061 | \$ 1,093 | \$ 1,126 | \$ 1,159 | \$ 1,194 | \$ 1,230 | \$ 1,267 | \$ 1,305 | \$ 1,344 | \$ 1,384 | \$ 1,426 | \$ 1,469 |
| Chemical Room - Well #2 | | | \$ 25,000 | \$ 25,000 | \$ 25,750 | \$ 26,523 | \$ 27,318 | \$ 28,138 | \$ 28,982 | \$ 29,851 | \$ 30,747 | \$ 31,669 | \$ 32,619 | \$ 33,598 | \$ 34,606 | \$ 35,644 | \$ 36,713 |
| Pick-up Truck 1/2 ton Extended Cab | | \$ 5,000 | 5 | \$ 5,000 | \$ 5,150 | \$ 5,305 | \$ 5,464 | \$ 5,628 | \$ 5,796 | \$ 5,970 | \$ 6,149 | \$ 6,334 | \$ 6,524 | \$ 6,720 | \$ 6,921 | \$ 7,129 | \$ 7,129 |
| TOTAL CASH TO BE SPENT EACH YEAR | | | | \$ (56,000) | \$ (23,175) | \$ (18,566) | \$ (19,123) | \$ (51,436) | \$ (25,620) | \$ (45,016) | \$ (21,523) | \$ (55,738) | \$ (22,834) | \$ (33,464) | \$ (31,145) | \$ (63,446) | \$ (32,455) |
| Reserve Balance EOY 2019 = | | | | \$ 321,000 | | | | | | | | | | | | | |
| The items highlighted in this color will be funded with the issuance of bonds in those years. | | | | | | | | | | | | | | | | | |
| Debt Payments | | | | \$ (181,000) | \$ (180,000) | \$ (178,000) | \$ (182,000) | \$ (172,000) | \$ (141,000) | \$ (140,000) | \$ (15,000) | | | | | | |
| Cost of Operations | | | | Adjusted to 2020 Actual | \$ (233,000) | \$ (239,990) | \$ (247,190) | \$ (254,605) | \$ (262,244) | \$ (270,111) | \$ (278,214) | \$ (286,561) | \$ (295,157) | \$ (304,012) | \$ (313,133) | \$ (322,526) | \$ (332,202) |
| User Fees and Other Revenues | | | | Adjusted to 2020 Actual | \$ 398,000 | \$ 457,700 | \$ 471,431 | \$ 485,574 | \$ 500,141 | \$ 515,145 | \$ 530,600 | \$ 546,518 | \$ 562,913 | \$ 579,801 | \$ 597,195 | \$ 615,111 | \$ 633,564 |
| Development Fee Revenues | | | | Adjusted to 2020 Actual | \$ 9,600 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 |
| | | | | Adjustment to EOY 2020 | \$ (42,000.00) | | | | | | | | | | | | |
| RESERVE FUND BALANCE END OF EACH YEAR | | | | \$ 216,600 | \$ 242,335 | \$ 281,211 | \$ 322,256 | \$ 347,918 | \$ 437,533 | \$ 516,103 | \$ 750,737 | \$ 973,955 | \$ 1,238,110 | \$ 1,499,908 | \$ 1,772,547 | \$ 2,021,662 | \$ 2,310,810 |
| | | | | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |

NOTE: The cost of operations has been reduced by \$4,650 to reflect that lesser amount of support to the Street Department Vehicle Reserve Fund.

| WATER DEPARTMENT II | | | Jan. 2021 | | | | | | | | | | | | | | WATER DEPARTMENT |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------------------------|
| ITEM | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | ITEM |
| Well #2 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Well #2 |
| Well #2 - Pump & Motor Service | \$ 33,277 | \$ 34,275 | \$ 35,304 | \$ 36,363 | \$ 37,454 | \$ 38,577 | \$ 39,734 | \$ 40,926 | \$ 42,154 | \$ 43,419 | \$ 44,721 | \$ 46,063 | \$ 47,445 | \$ 48,868 | \$ 50,334 | \$ 51,844 | Well #2 - Pump & Motor Service |
| Well #2 VFD | \$ 9,378 | \$ 9,659 | \$ 9,949 | \$ 10,248 | \$ 10,555 | \$ 10,872 | \$ 11,198 | \$ 11,534 | \$ 11,880 | \$ 12,236 | \$ 12,603 | \$ 12,981 | \$ 13,371 | \$ 13,772 | \$ 14,185 | \$ 14,611 | Well #2 VFD |
| Well #2 - Pumphouse | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Well #2 - Pumphouse |
| Well #3 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Well #3 |
| Well #3 - Pump & Motor Service | \$ 33,277 | \$ 34,275 | \$ 35,304 | \$ 36,363 | \$ 37,454 | \$ 38,577 | \$ 39,734 | \$ 40,926 | \$ 42,154 | \$ 43,419 | \$ 44,721 | \$ 46,063 | \$ 47,445 | \$ 48,868 | \$ 50,334 | \$ 51,844 | Well #3 - Pump & Motor Service |
| Well #3 VFD | \$ 9,378 | \$ 9,659 | \$ 9,949 | \$ 10,248 | \$ 10,555 | \$ 10,872 | \$ 11,198 | \$ 11,534 | \$ 11,880 | \$ 12,236 | \$ 12,603 | \$ 12,981 | \$ 13,371 | \$ 13,772 | \$ 14,185 | \$ 14,611 | Well #3 VFD |
| Well #3 - Pumphouse | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | Well #3 - Pumphouse |
| Booster Station Building | \$ 24,958 | \$ 25,706 | \$ 26,478 | \$ 27,272 | \$ 28,090 | \$ 28,933 | \$ 29,801 | \$ 30,695 | \$ 31,616 | \$ 32,564 | \$ 33,541 | \$ 34,547 | \$ 35,584 | \$ 36,651 | \$ 37,751 | \$ 38,883 | Booster Station Building |
| Booster Station Pump 1 | \$ 3,479 | \$ 3,583 | \$ 3,691 | \$ 3,802 | \$ 3,916 | \$ 4,033 | \$ 4,154 | \$ 4,279 | \$ 4,407 | \$ 4,539 | \$ 4,675 | \$ 4,816 | \$ 4,960 | \$ 5,109 | \$ 5,262 | \$ 5,420 | Booster Station Pump 1 |
| Booster Station VFD | \$ 6,958 | \$ 7,167 | \$ 7,382 | \$ 7,603 | \$ 7,831 | \$ 8,066 | \$ 8,308 | \$ 8,557 | \$ 8,814 | \$ 9,078 | \$ 9,351 | \$ 9,631 | \$ 9,920 | \$ 10,218 | \$ 10,524 | \$ 10,840 | Booster Station VFD |
| Booster Station Pump 2 | \$ 3,328 | \$ 3,428 | \$ 3,530 | \$ 3,636 | \$ 3,745 | \$ 3,858 | \$ 3,973 | \$ 4,093 | \$ 4,215 | \$ 4,342 | \$ 4,472 | \$ 4,606 | \$ 4,745 | \$ 4,887 | \$ 5,033 | \$ 5,184 | Booster Station Pump 2 |
| Booster Station VFD | \$ 7,563 | \$ 7,790 | \$ 8,024 | \$ 8,264 | \$ 8,512 | \$ 8,768 | \$ 9,031 | \$ 9,301 | \$ 9,581 | \$ 9,868 | \$ 10,164 | \$ 10,469 | \$ 10,783 | \$ 11,106 | \$ 11,440 | \$ 11,783 | Booster Station VFD |
| Hilltop WaterTower Wash | \$ 45,378 | \$ 46,739 | \$ 48,141 | \$ 49,585 | \$ 51,073 | \$ 52,605 | \$ 54,183 | \$ 55,809 | \$ 57,483 | \$ 59,208 | \$ 60,984 | \$ 62,813 | \$ 64,698 | \$ 66,639 | \$ 68,638 | \$ 70,697 | Hilltop WaterTower Wash |
| In-ground Reservoir Repairs | \$ 81,680 | \$ 84,130 | \$ 86,654 | \$ 89,254 | \$ 91,931 | \$ 94,689 | \$ 97,530 | \$ 100,456 | \$ 103,470 | \$ 106,574 | \$ 109,771 | \$ 113,064 | \$ 116,456 | \$ 119,950 | \$ 123,548 | \$ 127,255 | In-ground Reservoir Repairs |
| Repaint & Repair South & OTR Tanks | \$ 136,133 | \$ 140,217 | \$ 144,424 | \$ 148,756 | \$ 153,219 | \$ 157,816 | \$ 162,550 | \$ 167,427 | \$ 172,449 | \$ 177,623 | \$ 182,951 | \$ 188,440 | \$ 194,093 | \$ 199,916 | \$ 205,913 | \$ 212,091 | Repaint & Repair South & OTR Tanks |
| OTR Tank - Wash | \$ 18,151 | \$ 18,696 | \$ 19,256 | \$ 19,834 | \$ 20,429 | \$ 21,042 | \$ 21,673 | \$ 22,324 | \$ 22,993 | \$ 23,683 | \$ 24,394 | \$ 25,125 | \$ 25,879 | \$ 26,655 | \$ 27,455 | \$ 28,279 | OTR Tank - Wash |
| OTR Tank - Reconditioning | \$ 332,770 | \$ 342,753 | \$ 353,035 | \$ 363,626 | \$ 374,535 | \$ 385,771 | \$ 397,344 | \$ 409,265 | \$ 421,543 | \$ 434,189 | \$ 447,215 | \$ 460,631 | \$ 474,450 | \$ 488,684 | \$ 503,344 | \$ 518,444 | OTR Tank - Reconditioning |
| Storage Tank - South Reconditioning | \$ 393,273 | \$ 405,072 | \$ 417,224 | \$ 429,740 | \$ 442,633 | \$ 455,912 | \$ 469,589 | \$ 483,677 | \$ 498,187 | \$ 513,132 | \$ 528,526 | \$ 544,382 | \$ 560,714 | \$ 577,535 | \$ 594,861 | \$ 612,707 | Storage Tank - South Reconditioning |
| Storage Tank - South Cleaning | \$ 30,252 | \$ 31,159 | \$ 32,094 | \$ 33,057 | \$ 34,049 | \$ 35,070 | \$ 36,122 | \$ 37,206 | \$ 38,322 | \$ 39,472 | \$ 40,656 | \$ 41,876 | \$ 43,132 | \$ 44,426 | \$ 45,759 | \$ 47,131 | Storage Tank - South Cleaning |
| Hydrant Upgrades (3 each yr) | \$ 24,958 | \$ 25,706 | \$ 26,478 | \$ 27,272 | \$ 28,090 | \$ 28,933 | \$ 29,801 | \$ 30,695 | \$ 31,616 | \$ 32,564 | \$ 33,541 | \$ 34,547 | \$ 35,584 | \$ 36,651 | \$ 37,751 | \$ 38,883 | Hydrant Upgrades (3 each yr) |
| Replace old & undersized mains | \$ 90,755 | \$ 93,478 | \$ 96,282 | \$ 99,171 | \$ 102,146 | \$ 105,210 | \$ 108,367 | \$ 111,618 | \$ 114,966 | \$ 118,415 | \$ 121,968 | \$ 125,627 | \$ 129,395 | \$ 133,277 | \$ 137,276 | \$ 141,394 | Replace old & undersized mains |
| Water Meters (500 - half of system) | \$ 378,147 | \$ 389,492 | \$ 401,177 | \$ 413,212 | \$ 425,608 | \$ 438,377 | \$ 451,528 | \$ 465,074 | \$ 479,026 | \$ 493,397 | \$ 508,199 | \$ 523,444 | \$ 539,148 | \$ 555,322 | \$ 571,982 | \$ 589,141 | Water Meters (500 - half of system) |
| SCADA System | \$ 37,815 | \$ 38,949 | \$ 40,118 | \$ 41,321 | \$ 42,561 | \$ 43,838 | \$ 45,153 | \$ 46,507 | \$ 47,903 | \$ 49,340 | \$ 50,820 | \$ 52,344 | \$ 53,915 | \$ 55,532 | \$ 57,198 | \$ 58,914 | SCADA System |
| Trimble (1/2) | \$ 3,630 | \$ 3,739 | \$ 3,851 | \$ 3,967 | \$ 4,086 | \$ 4,208 | \$ 4,335 | \$ 4,465 | \$ 4,599 | \$ 4,737 | \$ 4,879 | \$ 5,025 | \$ 5,176 | \$ 5,331 | \$ 5,491 | \$ 5,656 | Trimble (1/2) |
| Sealcoat Driveway | \$ 1,815 | \$ 1,870 | \$ 1,926 | \$ 1,983 | \$ 2,043 | \$ 2,104 | \$ 2,167 | \$ 2,232 | \$ 2,299 | \$ 2,368 | \$ 2,439 | \$ 2,513 | \$ 2,588 | \$ 2,666 | \$ 2,746 | \$ 2,828 | Sealcoat Driveway |
| Roof on Wellhouses | \$ 15,126 | \$ 15,580 | \$ 16,047 | \$ 16,528 | \$ 17,024 | \$ 17,535 | \$ 18,061 | \$ 18,603 | \$ 19,161 | \$ 19,736 | \$ 20,328 | \$ 20,938 | \$ 21,566 | \$ 22,213 | \$ 22,879 | \$ 23,566 | Roof on Wellhouses |
| Utility Billing Software (1/2) | \$ 13,613 | \$ 14,022 | \$ 14,442 | \$ 14,876 | \$ 15,322 | \$ 15,782 | \$ 16,255 | \$ 16,743 | \$ 17,245 | \$ 17,762 | \$ 18,295 | \$ 18,844 | \$ 19,409 | \$ 19,992 | \$ 20,591 | \$ 21,209 | Utility Billing Software (1/2) |
| Water Meters for New Development | \$ 1,513 | \$ 1,558 | \$ 1,605 | \$ 1,653 | \$ 1,702 | \$ 1,754 | \$ 1,806 | \$ 1,860 | \$ 1,916 | \$ 1,974 | \$ 2,033 | \$ 2,094 | \$ 2,157 | \$ 2,221 | \$ 2,288 | \$ 2,357 | Water Meters for New Development |
| Pick-Up | \$ 7,343 | \$ 7,563 | \$ 7,790 | \$ 8,024 | \$ 8,264 | \$ 8,512 | \$ 8,768 | \$ 9,031 | \$ 9,301 | \$ 9,581 | \$ 9,868 | \$ 10,164 | \$ 10,469 | \$ 10,783 | \$ 11,106 | \$ 11,440 | Pick-up |
| TOTAL CASH SPENT BY YEAR | \$ (35,848) | \$ (29,134) | \$ (71,176) | \$ (442,137) | \$ (48,009) | \$ (30,686) | \$ (82,539) | \$ (50,143) | \$ (45,412) | \$ (34,538) | \$ (80,295) | \$ (39,154) | \$ (61,580) | \$ (38,873) | \$ (112,108) | \$ (52,080) | TOTAL CASH SPENT BY YEAR |
| | | | | | | | | | | | | | | | | | |
| Debt Payments | | | | | | | | | | | | | | | | | Debt Payments |
| | | | | | | | | | | | | | | | | | |
| Cost of Operations | \$ (352,433) | \$ (363,006) | \$ (373,897) | \$ (385,113) | \$ (396,667) | \$ (408,567) | \$ (420,824) | \$ (433,449) | \$ (446,452) | \$ (459,846) | \$ (473,641) | \$ (487,850) | \$ (502,486) | \$ (517,560) | \$ (533,087) | \$ (549,080) | Cost of Operations |
| User Fees and Other Revenues | \$ 672,148 | \$ 692,312 | \$ 713,082 | \$ 734,474 | \$ 756,508 | \$ 779,204 | \$ 802,580 | \$ 826,657 | \$ 851,457 | \$ 877,001 | \$ 903,311 | \$ 930,410 | \$ 958,322 | \$ 987,072 | \$ 1,016,684 | \$ 1,047,184 | User Fees and Other Revenues |
| Development Fee Revenues | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | \$ 11,200 | Development Fee Revenues |
| | | | | | | | | | | | | | | | | | |
| Reserve Fund Cash Balance | \$ 2,605,876 | \$ 2,917,248 | \$ 3,196,458 | \$ 3,114,882 | \$ 3,437,914 | \$ 3,789,065 | \$ 4,099,481 | \$ 4,453,747 | \$ 4,824,540 | \$ 5,218,357 | \$ 5,578,931 | \$ 5,993,537 | \$ 6,398,993 | \$ 6,840,832 | \$ 7,223,521 | \$ 7,680,745 | Reserve Fund Cash Balance |
| | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | |

INTEROFFICE MEMORANDUM

TO: Public Works Committee
FROM: Brian Burkholder, SCS
SUBJECT: Sidewalk Plan/Summary update
DATE: 2/3/2021

Action Requested: An update on the Executive Summary provided by Safe-Step updating on the sidewalk saw-cutting plan for the past 4 years.

Background: 4 years ago, the committee and council had approved my new saw-cutting plan offered by Safe-Step, LLC.

I wanted to update the committee on what has been completed in the past 4 years and show the cost savings by saw-cutting versus the complete remove and replace method. Keep in mind that not all sidewalks can be cut due to their condition of compliance and some replacement is still needed as well.

Not included in the summary is the turn around in completing all sidewalks in town. Based on the average sidewalk's miles completed the past 4 years, they stated that we would complete all sidewalks in 14.23 years.

For the few past years, my goal has been to spend \$4,500 in saw-cutting, roughly \$10,000 in replacements leaving \$5,000 for unseen situations that may come up throughout the year.

Thank you for your time,
Brian Burkholder



Sidewalk Saw-cutting Executive Summary

Presented to: Brian Burkholder
City of Chatfield
December 2020





December 18, 2020

Brian Burkholder
City of Chatfield
21 2nd St South East
Chatfield, MN 55923

Brian,

Many of our clients with multi-year projects appreciate an executive summary of the sidewalk repairs that have been completed utilizing the Safe Step LLC horizontal saw cutting process. We have developed this report to provide you with data that we trust will help the City of Chatfield evaluate the effectiveness of utilizing our process as part of your ongoing safety compliance and sidewalk defect repair program.

The following information is provided in this summary:

- A pin map showing the approximate locations repaired this current year and prior years
- A summary page containing project information for each year as well as the estimated value of your sidewalk infrastructure

On behalf of our entire team, we thank you again for the opportunity to serve City of Chatfield!

Sidewalk Saw-Cutting Repair Summary

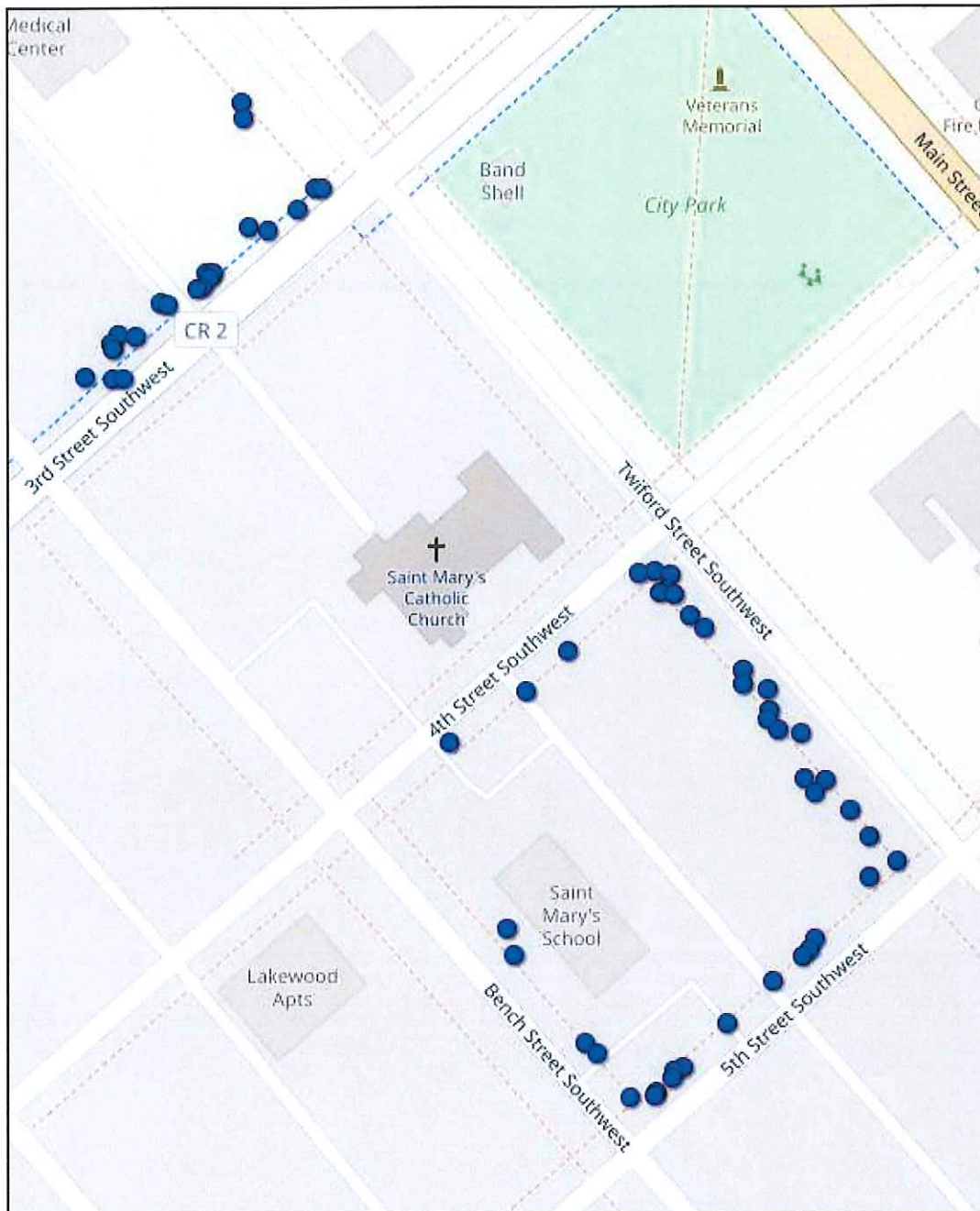
This Year:

1. The City of Chatfield identified approximately .80 sidewalk miles to evaluate for sidewalk repair; all of those sidewalk miles were able to be evaluated for saw-cutting and R&R defects until the ^saw-cutting budget was consumed
2. A total of **61** sidewalk panel displacements were identified and repaired without heavy equipment use and while keeping the sidewalks in service
3. The total cost of the survey and reporting, saw-cutting, and recycling of debris was **\$4,500**

Prior Years:

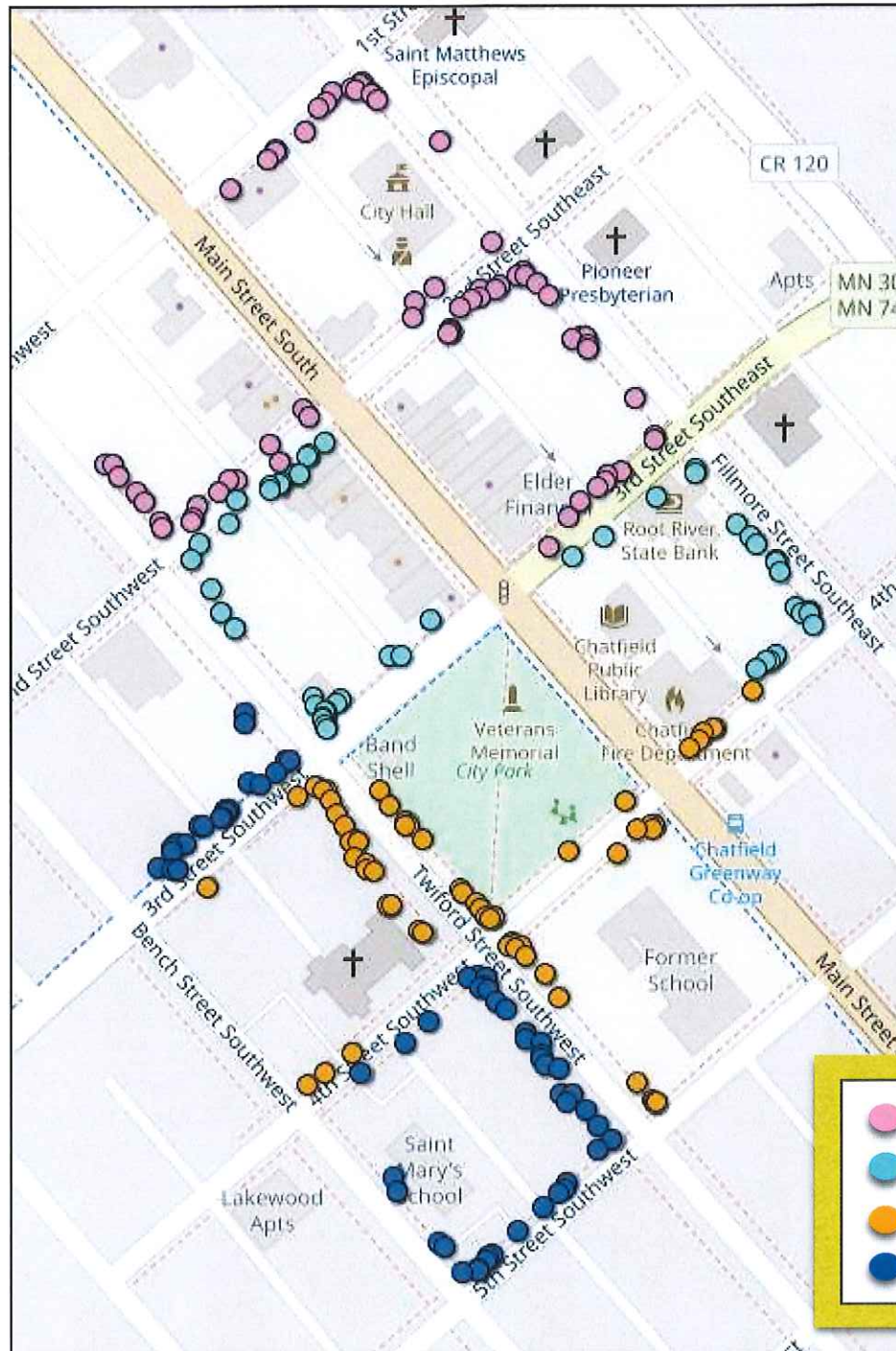
4. Recently, Safe Step LLC has surveyed and repaired sidewalk defects in 2016 to 2020
5. During that time, **242** total sidewalk panel displacements have been repaired, improving safety of public walkways
6. Based on an average replacement cost of **\$6.50 per sq. ft.**, we estimate the City of Chatfield has saved a total of **\$39,195** utilizing saw-cutting instead of replacement

2020 Sidewalk Repair Locations



This map shows the approximate locations of trip hazards that were repaired by Safe Step LLC. The accuracy of these maps is dependent on the technology available on smart phones and should be relied upon as approximations only. Map data: Google.

2017 - 2020 Sidewalk Repair Locations



This map shows the approximate locations of trip hazards that were repaired by Safe Step LLC. The accuracy of these maps is dependent on the technology available on smart phones and should be relied upon as approximations only. Map data: Google.

Information Summary

4 Year Sidewalk Project Information

| Year | Displacement Criteria | Avg. Sidewalk Width | Repairs Made | Total Saw-Cutting Cost | Est. Sidewalk Miles For Project Area* | Saw-Cutting Per Mile | Est. Sidewalk Value For Project Area** | Est. Sq. Ft. Saved | Est. Savings over R&R** |
|------|-----------------------|---------------------|--------------|------------------------|---------------------------------------|----------------------|--|--------------------|-------------------------|
| 2017 | 3/8" - 1-1/2" | 5.0 | 66 | \$4,653 | 0.7 | \$7,050 | \$113,256 | 2,391 | \$10,886 |
| 2018 | 3/8" - 1-1/2" | 6.0 | 50 | \$4,500 | 0.4 | \$10,227 | \$90,605 | 2,579 | \$12,265 |
| 2019 | 3/8" - 1-1/2" | 5.0 | 65 | \$5,473 | 0.7 | \$8,420 | \$111,540 | 2,173 | \$8,654 |
| 2020 | 3/8" - 1-1/2" | 5.0 | 61 | \$4,500 | 0.8 | \$5,488 | \$140,712 | 1,829 | \$7,391 |
| | | 5.3 | 242 | \$19,126 | 2.6 | \$7,442 | \$456,113 | 8,973 | \$39,195 |

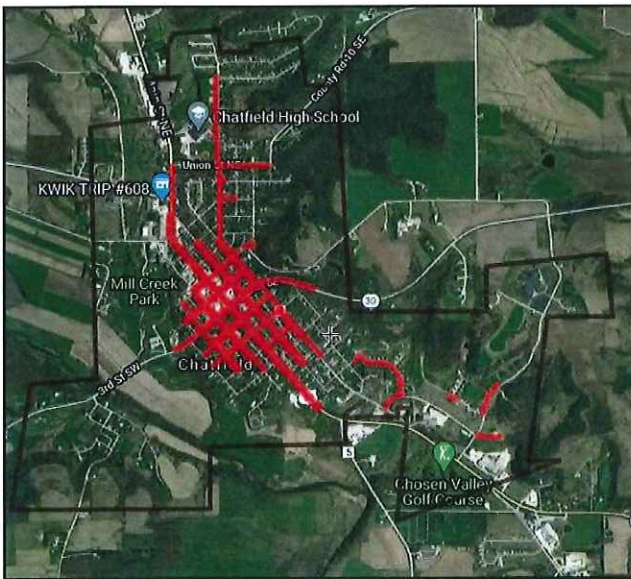
*Sidewalk mile estimates are based on available satellite GPS measuring tools

**Square foot price used in calculations: \$6.50

COST COMPARISON



Total Estimated Sidewalk Infrastructure



The highlighted portion of the map to the left indicates the approximate locations of all sidewalks on the city of Chatfield. We approximate there to be **8.61** total miles of sidewalk. At an average panel width of **5 ft** and based on \$6.50 per sq. ft., the total sidewalk infrastructure value is **\$1,477,476**

| Est. Sidewalk Miles | Avg. Width | Est. Total Value of Sidewalk |
|---------------------|------------|------------------------------|
| 8.61 | 5 | \$1,477,476 |

THE SAFE STEP LLC APPROACH



Specifications

1. Repairs will be tapered to a 1:12 slope ratio and taken to a zero point of differential between adjoining sidewalk panels along the full width of the sidewalk, in accordance with ADA standards.
2. Repairs shall have a smooth and uniform finish with a coefficient of friction meeting OSHA requirements and shall not impact adjoining sidewalks, driveways, landscaping, or other objects within the vicinity of the work.
3. In instances where sidewalk conditions do not permit a 1:12 slope ratio, repairs will be made with the shallowest slope possible for the given sidewalk condition.



Clean-up

1. All saw-cutting will be performed without water-cooling; No slurry will be created eliminating the risk of "tracking" and run-off water contamination.
2. Saw mounted dust abatement systems will be used to minimize airborne dust. Containment systems are designed for fine dust applications.
3. Debris and concrete shall be cleaned from the sidewalk surface as well as surrounding rails, sidewalks, driveways, landscaping, or other objects within the vicinity of the work.



Reporting

1. Upon completion of the project, Safe Step LLC will provide a detailed and audit-able report. This report will include the street address or location, dimensions, and GPS coordinates of each repair made.
2. An invoice for payment will be provided when the projected has been completed. Payment in full is due **30 days** from the date of invoice. Late payments may be subject to a \$30 re-billing fee.



Safety and Insurance

1. Safe Step LLC employees who work directly in slab displacement repair undergo a rigorous training process with emphasis on safe work practices, OSHA-approved personal protection equipment, and quality workmanship. It is not uncommon for our clients to receive unsolicited compliments on our safety practices and the quality of the work performed.
2. Safe Step LLC is fully licensed and insured. Proof of auto, liability, and workers compensation insurance are available upon request.



Proprietary Technology

1. Safe Step LLC is the only entity in Wisconsin, Northern Illinois, and Southeast Minnesota authorized to use the Precision Concrete Cutting method for removing sidewalk trip hazards as described by the following patent numbers: U.S. Pat. No. 6,827,074, U.S. Pat. No. 7,000,606, U.S. Pat. No. 7,143,760, U.S. Pat. No. 6,896,604, U.S. Pat. No. 7,201,644, U.S. Pat. No. 7,402,095. These patents refer to the equipment, methods, and dust abatement systems used by Safe Step LLC. A sole source letter is available upon request.