

CITY OF CADILLAC
CITY COUNCIL
SPECIAL MEETING
WORK SESSION AGENDA
March 24, 2021 4:15 p.m.
Meeting held electronically

CALL TO ORDER

ROLL CALL

I. APPROVAL OF AGENDA

II. PUBLIC COMMENTS

This opportunity for public comment provides the public with a chance to make a statement regarding any subject matter. Public comment is not an opportunity to necessarily ask questions or converse with City Staff, Council Members or other meeting attendees. Contact information for Council and staff is available on our website, www.cadillac-mi.net, or can be obtained by calling (231) 775-0181. Comment time is limited to 3-minutes, and unused time may not be yielded back or given to someone else to use.

III. DISCUSSION AND REVIEW OF THE CITY'S VISION & MISSION
STATEMENTS, GOALS AND THE CAPITAL IMPROVEMENT PROGRAM

IV. ADJOURNMENT

DRAFT



Mission & Vision Statements

Mission Statement

It is the mission of the City of Cadillac to be a well-managed, environmentally conscious and fiscally responsible appealing community in northwest Michigan. We will encourage and advocate for an environment for living and working that is founded upon a strong community spirit of trust, broad-based citizen involvement, and dignity and respect for all regardless of gender, ethnic, social, or economic backgrounds.

Vision Statements

The City preserves and enhances its character and quality of life, and will be responsive to the changing needs of the residents and environment in a fiscally responsible manner.

The City will be an outstanding example of a well-managed, planned community which protects and enhances its historical heritage, architecturally significant buildings, residential neighborhoods, natural resources, open spaces and recreational areas. The City fosters well-planned business and commercial districts, encompassing a variety of industrial, manufacturing, retail and service establishments.

A strong commitment will be made to public health and safety, the maintenance of our infrastructure, and the conservation of our open spaces and natural resources, and where and when applicable, environmentally "green" practices will be utilized. Community services are distinguished by a strong commitment to quality, efficiency and outstanding public facilities, supported by reasonable property tax rates and/or fees.

The City will be known for its promotion of dignity, respect, and cooperation among residents regardless of gender, ethnic, social, or economic backgrounds, as well as will be known for its promotion of cooperation among businesses, community agencies, and other units of government.

CITY COUNCIL GOALS

The City Council will annually review and discuss their mission/vision statements, financial realities, and priorities that they believe will maintain and improve our community. Council goals include:

Community Development & Enhancement

1. Promote positive image
2. Advance quality of life
3. Maintain and improve civic infrastructure
4. Maintain and improve public facilities and equipment
5. Maintain and improve environmental infrastructure

Economic Health & Development

1. Actively support business development
2. Promote business retention
3. Maintain and improve financial condition

Public Safety

1. Crime prevention
2. Emergency readiness and response
3. Enhance regional cooperation and communication
4. Fire Prevention

Customer Service & Organizational Enhancement

1. Maintain and improve human infrastructure
2. Maintain & improve use of technology
3. Review & update administrative procedures and policies

KEY PRIORITY PROGRAMS AND PROJECTS

Based on the goals set by the Cadillac City Council, the following have been identified by both Council and staff as key priority programs or projects:

1. Future of Cadillac Community Center (former Naval Reserve)

Time Frame: Ongoing

Initiated: 2016

Project Leader: Owen Roberts

The Cadillac Community Center has tenants in most of the facility, which due to the nature of the property, continues to be subsidized by the City.

Status: Ongoing – Up North Arts, Inc. along with the Wexford Genaology Organization continue as tenants of the facility along with the Cadillac Senior Center. Options for redevelopment of the property have been informally discussed however no formal plans have been drafted. Any change of use different than what is stipulated by Charter will require a referendum of the people. Building maintenance and operational issues of the facility continue to be a concern, and there was recently a catastrophic failure of the boiler system which cost approximately \$20,000 to repair. Funds for the repair emergency repair were transferred from the General Fund to cover the expense.

2. Update Lake Cadillac Invasive Species Management Program

Time Frame: Ongoing

Initiated: 2016

Project Leader: Marcus Peccia

This program helps to insure the ongoing identification and treatment of invasive aquatic plant species in Lake Cadillac.

Status: The spread of milfoil and other invasive species is well under control and has been since 2016-17. Our monitoring and treatment applications for invasive species are long-term commitments, especially for an urban public lake that is used primarily in a recreational manner. As such, funding for continued invasive species management, but even more importantly, for a transition to a more holistic lake management approach is now our number one priority. As of February 1, 2021, the City maintains a program funding balance of approximately \$10,000 which is not enough to see us through the 2021 treatment season without a contribution from another funding source, such as a contribution from our General Fund.

Highlights include the following:

- A. 2020 was a good year for Lake Cadillac, and we experienced a fourth consecutive season of reduced milfoil and curly leaf pondweed treatments, acceptable water clarity throughout the summer, and limited algal blooms that only appeared late season. However, swimmer's itch was present in shallow areas around the lake. Lake Cadillac's Annual Report, RLS 2020, is available on the City's website for further details.
- B. The goose round-up effort was canceled due to the COVID-19 pandemic by the Michigan Department of Natural Resources for 2020. At times, large numbers of geese could be seen throughout the City parks. The City is prepared to conduct the round-up in 2021 if permitted.
- C. Our open-house last year regarding the Lake was not well attended due to the pandemic, however the primary items covered included an overview about the condition of the Lake, funding challenges, scope changes (expand to cover other issues than invasive species), and re-establishment of an ad-hoc management group.
- D. In September of 2019, the City launched its own point source watershed study. Due to the pandemic, sampling could not be conducted in the spring or fall of 2020, but we look forward to resuming the study in 2021. Samples will be tested and analyzed for amount of nutrients present, pH, contaminants, et al. utilizing the City's Laboratory resources. Further studies that expand beyond the City's boundaries may be necessary and made a part of future funding.

Present Funding

With a balance of approximately \$10,000 left from the funds generated by the 2011 millage, identification of additional funds will be necessary to continue the program moving forward. Fortunately, due to the overall good condition of the Lake, the utilization of GPS technology and other technologies that maximize treatment activities, levying a new millage to replace the millage that expired, or implementing a special assessment on properties adjacent to the Lake, do not seem to be imminent or critical at this time as long as future funding needs trend similarly to where they have been over the last couple of years. If so, funding can be budgeted accordingly through our General Fund. Looking ahead, funding for other Lake related needs, such as shoreline erosion control, may likely require a special dedicated millage or special assessment, however studying the current conditions and evaluating potential solutions along with their estimated costs, would first need to occur prior to any efforts being made to establish a new funding source.

3. Cadillac West Corridor Improvements & Association*Time Frame: Ongoing**Initiated: 2016**Project Leader: John Wallace*

The Cadillac West Corridor Improvement Association (CWCIA) is a public redevelopment organization whose purpose is to improve the commercial viability of the resort area commonly referred to as Cadillac West. The CWCIA will be comprised of a local board operating like the Downtown Development Authority and will be principally supported through tax increment financing.

Status: Ongoing – Past Actions and Improvements timeline:

2018 – The city collaborated with Networks Northwest and the Alliance for Economic Success (AES) using a technical assistance grant to prepare a SWOT analysis and prepare a corridor plan. This effort is complete.

Impact: The plan identified that the City should continue to run their planning activities independent of the surrounding townships.

2019 - the former Sands Hotel (now Lake Cadillac Resort) as well as Primo's Barbeque & Rosa Blanca (party store) and The Marina Restaurant were purchased by a single development group known as Lake Cadillac Resort. The purpose of the 2019 acquisitions was to rehabilitate and operate as new businesses while keeping the uses largely the same.

City Assistance: To assist the developer with this major undertaking of rehabilitating what might be the largest privately held commercial property within the Cadillac West Area, in late 2019 the City established both a Commercial Redevelopment and Rehabilitation District. The developer applied for and was granted by the City an exemption pursuant to the Commercial Rehabilitation District that will result in a partial property tax abatement for 10-years once approved by the State.

2019-2020 - A comprehensive remodel and rehabilitation of the hotel facility is underway, along with the restaurant and former party store. It is possible that additional property tax relief requests may be applied for pending whether they meet the program's criteria. It is anticipated that the projects will be completed by 2022.

Remodel Update: Most of the rooms in Lake Cadillac Resort have been remodeled (only 10 left to be remodeled). The former nightclub remains closed and there are no plans to reopen. The Marina Restaurant was closed, remodeled, and reopened as the Dockside Restaurant. The Dockside improvements included a new deck overlooking Lake Cadillac that can be used for outdoor dining and a new pergola patio also overlooking the Lake that can be used for a variety of activities. The Primo's Barbeque business was relocated to Mitchell Street just south of the Downtown Development Authority District.

2020 – A complete Board for the Cadillac West Corridor Improvement Area was established. The City, with direct assistance from the Alliance for Economic Success, recruited a full board for the Corridor Authority.

2021 – The Corridor Improvement Authority Board held its initial meeting on March 4, 2021 at which they elected officers and established their operating by-laws. The Board will meet again in May to begin discussion on preparing a development and tax increment financing plan.

2021 – The Lake Cadillac Resort has stated their plans to continue redevelopment of their site under a mixed-use planned unit development, that may include new amenities such as a carousel and train as part of the plan.

City Assistance: City staff has met with the development group and gone over the zoning requirements to have their plan submitted under a mixed-use planned unit development zoning district.

4. Complete Development of Cadillac Commons

Time Frame: Ongoing

Initiated: 2016

Project Leader: Marcus Peccia

The Cadillac Rotary Performing Arts Pavilion – The Cadillac Rotary Club has pledged additional funding for the continued renovation of the Rotary Performing Arts Pavilion and the surrounding area. The vision for the project exceeds the funds that are currently committed, so additional funding will need to be identified to move the project forward.

Status: Completed – The Cadillac Rotary Performing Arts Pavilion is complete.

The Plaza – This placemaking area calls for the redevelopment of the City Park parking lot and Elk Avenue for purposes of improving aesthetic appeal, commercial viability, and public use. The Michigan Economic Development Corporation is providing a \$200,000 grant for the project. The grant will be leveraged with DDA and Community Development funds.

Status: Completed – The Plaza is complete.

The Market – This placemaking area calls for the redevelopment of property adjacent to The Plaza that once contained a blighted commercial structure. This structure was razed after being awarded a grant from the State of Michigan to make way for an open-air farmers' market facility. A successful crowdfunding campaign generated funding to assist with this redevelopment effort that will also enhance the Cadillac Rotary Performing Arts Pavilion and the surrounding area. The vision for the project exceeds the funds that are currently committed, so additional funding will need to be identified to move the project forward.

Status: Completed – The Market is complete.

The Trailhead – Grant funding for the development of the White Pine Trail Downtown Bike Station, as recognized in the newly updated City/CAPS 2015-2020 Recreation Plan, will be sought through the Michigan Department of Natural Resources (MDNR) and possibly the National Park Service. In the interim, measures will be taken to secure a lease agreement for use of the MDNR right-of-way to be used for trail purposes.

Status: Ongoing – The City received a Michigan DNR Trust Fund grant (\$265,200) to fund 70% of the project, in addition to a grant from Rotary (\$33,000) that will greatly assist in making the required 30% grant match. The project was bid in September of 2020. The bids came in higher than expected and concerns were expressed about the routing of the trail extension. Some value engineering was done on the project to see where cost could be reduced without eliminating anything required for the grant. A new engineer's estimate has been prepared for the project along with 3 new alternatives for the trail extension. The City Council will be meeting in March 2021 to confirm select an alternative for staff to solicit bids for accordingly. It is anticipated that the project will be brought back to Council for consideration once new bids are in, sometime in the summer of 2021, with project construction commencing later in 2021.

5. Complete Phase II of Well Field Relocation Project

Time Frame: Within 1-2 Years

Initiated: 2016

Project Leader: Jeff Dietlin

The City is in the process of getting appraisals for properties for the Phase II wellfield. A test production well will be installed on the selected property. Engineering services will be acquired and financing secured. Bids will be secured for construction of new well field. Construction anticipated to be completed in the summer of 2017.

Status: Ongoing – The City has purchased two parcels of land off of 44 Road near the White Pine Staging Area for the new well field. Construction is now anticipated to begin by spring 2021. Funding through Department of Environment, Great Lakes & Energy via Michigan's Drinking Water Revolving Fund will close in March 2021, and C2AE, the engineering consultant for the project, is finished with the design and construction plans for the project. Construction is anticipated to start in 2021.

6. Implement Plan to Upgrade All Streets Rated in Poor Condition

Time Frame: Ongoing

Initiated: 2016

Project Leader: Owen Roberts

Currently the City has a number of streets listed in poor condition which is a rating of 2 out of 10. The Department of Public Works will place all of these streets in the CIP and work with the Financial Services Department to find grants or sell bonds to improve these streets.

Status: Ongoing – The City utilized \$6 million in General Obligation bond financing to fund street reconstruction projects over the last five years. Work must continue in order to identify future funding to complete the aggressive schedule of construction projects identified in the CIP. The Major and Local Street Funds have approximately \$500,000 in funds on hand that will be spent on road projects this year. The street ratings were scheduled to be updated in Spring 2020, but due to COVID this process will be done in Spring 2021. The new ratings will help inform the ongoing decisions regarding timing of street replacements as well as identify other opportunities to extend the useful lives of existing streets.

7. Enhance Web and Social Media Presence to Improve Communication and Expand Online Access to Public Information and Documents

Time Frame: Ongoing

Initiated: 2016

Project Leader: Owen Roberts

Residents, property owners, community stakeholders and businesses are increasingly taking advantage of new and emerging technologies to communicate and do business. The City needs to identify and utilize new technologies to enhance communication with community members and offer access to public documents.

Status: Ongoing – A complete overhaul of the platform that provides our website was completed in FY2019 giving the City's site a completely new and more modern look and feel. The new platform provides additional functionality and has enhanced the efficiency of content updates and additions. Use of Facebook as a means of communicating with the public has also risen.

8. Maintain 2-3 Months Fund Balance Reserves in General Fund

Time Frame: Ongoing

Initiated: 2016

Project Leader: Owen Roberts

Prudent financial management includes insuring that adequate reserves are on hand to protect ongoing operations and ease cash flow issues. Regular review of expenditures, long-term financial planning, and expanding revenue sources are all an important part of achieving this important financial objective.

Status: Ongoing – Achieved as of June 30, 2020. Ongoing maintenance of this important safety net of funds is expected.

9. Improve Capacity to Encourage and Facilitate Local Economic Development

Time Frame: Ongoing

Initiated: 2016

Project Leader: Marcus Peccia

Identify and implement strategies to entice development for all sectors within the City. Engage various community stakeholders to identify strategies to share knowledge and resources in order to more effectively address community-wide issues in order to encourage growth and development. May include new efforts to market various city-owned properties for sale for the purpose of commercial, industrial, and residential development.

Status: Ongoing – The City has taken or is working on actions related to the following items to encourage and facilitate local development:

- Updating local and state databases of Cadillac buildings and properties that are for sale, lease, or available for development.
- Updating the Master Plan that includes many goals and objectives for city-wide economic development.

- Aggressively pursued the design and implementation of the PlacePlans Project (Cadillac Commons). The Trailhead (the 5th of the 5 Cadillac Commons venues) is being considered for construction in 2021. All other venues in the Cadillac Commons are complete.
- Participate regularly with the Region 2 Economic Development Leadership Team, and with the Cadillac Downtown Fund, Industrial Fund, Brownfield Authority and the Downtown Development Authority to facilitate and coordinate with their activities.
- Working with the Wayfinding Subcommittee of the Downtown Development Authority to explore implementation of a wayfinding system for the Cadillac area.
- Working with the Streetscape Subcommittee of the DDA regarding future improvements to the Mitchell Street Corridor. Most recently, this committee has been working with MDOT on traffic/pedestrian enhancements in downtown, and a potential pilot program whereby pedestrian medians are installed in a couple of mid-block intersections is being explored as suggested by MDOT.
- Working with the Alliance for Economic Success in their planning workshops regarding Cadillac West and Downtown Cadillac, in addition to other initiatives directly involving the City.
- Meeting with current and potential developers regarding their projects and ideas, and introducing them to other agencies, such as the MEDC to help facilitate their development concepts.
- Actively working towards becoming a Redevelopment Ready Certified Community. The City believes it is now 100% complete with meeting the program requirements and is now awaiting final certification from the MEDC which is expected in March or April of 2021.
- The City is also working with the MEDC to qualify for CDBG funding as a low/moderate income community. A contract has been approved with Lake Superior State College to conduct a survey to determine the percentage of low/moderate income people in the City of Cadillac. If the survey documents that the city has more than 51% of its population in the low/moderate income category, then the City can qualify for Community Development Block Grant (CDBG) funding.
- Continuation of the review and redrafting of portions of our Zoning Ordinance for the purposes of becoming Redevelopment Ready Certified and to streamline the process for obtaining development approvals. New zoning ordinance amendments have addressed mixed-use projects "by right" in our downtown, marijuana establishment regulations, and bicycle and sidewalk regulations. A complete zoning ordinance re-write is expected in 2021.
- Completed the creation of the East Side Redevelopment and Rehabilitation Districts along Mitchell Street to encourage building improvements along the Mitchell Street Corridor. These districts create the opportunity for tax abatement for a period of up to 10 or 12 years. The Dairy Queen has been the first business to take advantage of this program.
- Activated the Cadillac West Corridor Improvement Authority. Are currently working on preparing a development and tax increment financing plan for the district.
- The city is partnering with the Chamber of Commerce in replacing and upgrading the structure over the Shay Locomotive which will be a major upgrade to City Park and Cadillac Commons.
- Coordinating with Groundwork on planning for future train depot in Cadillac for the Ann Arbor to Traverse City passenger rail.
- Working on establishment of a more formal collaboration or agreement with the Alliance for Economic Success, as they are currently in the process of redefining their organizational services and are evolving into our area's economic development organization, similar to how the Northern Lakes Economic Alliance serves the Petoskey area.
- Working with developers on several projects including but not limited to:
 - the final building and site design for the Cadillac Brewery (412 S. Mitchell Street). Construction is now substantially complete.
 - turning the former Northwood Hotel into a mixed-use commercial/residential development (will likely require a public-private partnership to address parking issues). The City created a new conceptual parking design for the project in 2020 to assist the project in its advancement, however due to the COVID-19 pandemic and other developer challenges, the project is currently paused to the best of the City's understanding.

- construction of the necessary public infrastructure components adjacent to the Cadillac Lofts development site. Infrastructure required for Phase 1 of the project is complete. Public infrastructure for Phase 2 is anticipated in 2022.
- remodeling of the Hermann's restaurant and affiliated businesses in collaboration with new ownership.
- 301 Pine Street- met with new owner of this property to go over potential uses and potential incentive programs available to assist.
- working with owner of an 18-acre parcel by Wright Street and Seneca Street; City is currently reviewing potential use and design options.

10. Enhance Employee Development and Training

Time Frame: Ongoing

Initiated: 2016

Project Leader: Marcus Peccia

Continue to explore opportunities to improve the City's largest investment – people. Discovering how we can better utilize our current technology and/or new technology to improve how we provide services, encouraging participation in training when applicable and feasible, and reviewing, updating, and/or creating administrative policies and procedures will be the focus.

Status: *Ongoing* – A sample of initiatives that were implemented over the last year and/or are currently underway include:

- Multi-department CPR training
- Attendance/participation at various Michigan Chapter of the American Public Works Association professional development events
- Attendance/participation at various Michigan Chapter of the Government Finance Officers Association professional development events
- Attendance/participation at Michigan Municipal League, Michigan Management Executives, and International City/County Management Association professional development events
- In-house software refreshment training
- Updating to an Office 365 cloud based platform
- Options for upgrading tablets/mobile devices for Council and staff
- Network upgrades via fiber and wi-fi connections between facilities
- Enhancements to employee assistance programs through Encompass and Backing the Badge
- Improvements to staff work spaces (ergonomically improved equipment/furnishings)
- Police and Fire leadership attendance/participation in both state, regional and national professional development events, to include the Michigan Association of Chiefs of Police, International Association of Chiefs of Police, and the Northern Michigan Fire Chiefs Association

11. Investigative Services Analysis

Time Frame: Within 1 Year

Initiated: 2019

Project Leader: Adam Ottjepka

Re-assigning investigative (detective) services to the Police Department has been a priority for quite some time, and the last time that specific role existed was in the form of a detective duty-assignment on a patrol-level officer in 2018, identical to how currently, the school resource officer is a duty-assignment on a patrol-level officer position. Prior to that structure, the detective duty-assignment was on the Department's lieutenant rank, a position that no longer exists in the current structure. Ultimately, the goal is to develop a program where cases that require significant investigative services can be shared and/or delegated to a specialist, which additionally may alleviate some of the time spent by patrol officers in following up on their own investigations.

There are several intricate pieces to resolving how the duty-assignment is made, and for the most part of the last couple of years, trying to offer the opportunity to an officer was paused because several vacancies throughout the Department first needed to be filled in addition to promotions of patrol level officers into the command ranks, and the development of a deputy chief position. However, the Police Department, in collaboration with Human Resources and other City management, contemplated a variety of potential methods in how best to bring investigative services back to the Department in a sustainable way, including discussing the feasibility of an inter-agency agreement in regard to

outsourcing the services if possible. Due to lack of redundant resources available locally from other law-enforcement agencies, keeping the responsibilities in-house was determined to be the best way forward in having the services restored.

Status: Ongoing – Patrol level vacancies have been filled, promotions have occurred and the deputy chief position was developed. However, due to other challenges such as officer injuries resulting in large spans of time with vacancies, and a much newer group of officers at the patrol-level, the investigative services (detective) duty-assignment has yet to be placed or assigned. However, currently, the assignment is being offered to officers at the sergeant-level rank, and it is anticipated that an official announcement will be made possibly later this spring or summer of 2021.

12. Outside Funding Initiative

Time Frame: Ongoing

Initiated: 2019

Project Leader: Marcus Peccia

The organization will continue to seek outside funding opportunities to pursue projects, programs, and studies that otherwise may not be feasible if reliant solely upon internal sources. The current tracking matrix for outside funding will be updated, and a listing of potential capital projects that might attract donations will be developed.

Status: Ongoing - Outside funding initiatives underway include, but are not limited to the following:

- Michigan Department of Natural Resources Trust Fund Grant will provide over \$250,000 to use toward the construction of the White Pine trail extension and White Pine Trail Head. This project will be under construction in 2021, and additional outside funding is being sought.
- The city continues to solicit over \$4,000 per year in public contribution to assist in funding the downtown flower basket program. This covers about half the cost of the program. We continue to seek out sponsors for the formal planting areas in the downtown.
- Approximately \$800,000 of Community Development Block Grant (CDBG) funds for undertaking improvements to the Cadillac Lofts Site was secured for phase one demolition and construction abatement activities.
- \$1,500,000 MEDC Community Redevelopment Program grant for Cadillac Lofts project was secured.
- Approximately \$750,000 State Brownfield Grant/Loan funds for undertaking eligible activities on the Cadillac Lofts Site was secured.
- \$1,000,000+ State Brownfield Grant/Loan for Mitchell-Bentley clean-up was secured.
- Additional CDBG funds to facilitate public infrastructure projects (Phase II of the Cadillac Lofts project) is being secured.
- Additional MEDC grant funds are being explored to facilitate continued economic growth and expansion.
- Additional Federal funds, such as Transportation Alternative Program grants are being explored to aid in creating new walkways.
- Public Act 51 funds are being secured to facilitate road improvements.
- The Chamber of Commerce Leadership Class is attempting to secure \$120,00 in contributions and grant funds to replace the shelter over the Shay Locomotive and install a brick pathway (2021). \$20,000 in grant funds has already been secured.
- The City received \$50,000 from the USDA for the Market in 2020. These funds were to fund accessories to the primary structure such as the power screens, security cameras, and fans.
- A \$100,000 grant was secured from the MEDC in 2020 for the design of industrial street in the Potvin Industrial Park. This grant will close out in 2021 unless extended.

13. Police Department Accreditation Program

Time Frame: 1-2 Years

Initiated: 2020

Project Leader: Adam Ottjepka

Pursuit of accreditation through the Michigan Association of Chiefs of Police (MACP) Accreditation Program will refresh the Department's operating standards by ensuring that the Department identifies and utilizes recognized best standards, practices, and procedure in the law enforcement profession. The process requires evidence that those standards, practices, and procedures are being followed. Once certified, Cadillac will be recognized by MACP as an accredited Police Agency within the State of Michigan.

Status: *Ongoing* - The accreditation process has started through the filing of our application, completion of relevant training, and acquisition of the accreditation software. The Cadillac Police Department is currently at over 40% completion at this time.

14. Walkability Enhancements

Time Frame: Within 1-Year

Initiated: 2019

Project Leader: John Wallace

In concert with the program titled “*Improve Capacity to Encourage and Facilitate Local Economic Development*,” the objective of this program is to improve the quality of life of local citizens and visitors with enhanced opportunities to walk throughout the community. The program may include various new amenities such as signage, or physical features such as pedestrian islands, and should positively impact other modes of non-motorized transportation. Development of the program could include tapping into a sub-committee of stakeholders from the community, such as people regularly involved in biking or other clubs that use non-motorized ways to move throughout town, for the purposes of establishing a plan that addresses areas within our physical environment that would benefit by receiving some or all of the aforementioned amenities. Efforts will also be made to highlight areas within our operating budget that funds these activities, and creating a new project for the Capital Improvement Budget may eventually occur as well should a formal plan be adopted.

Status: *Ongoing* - In 2019 the Downtown Development Authority prepared preliminary design and cost estimates for two mid-block pedestrian crossings in Mitchell Street. Funding options for this project are being explored including potential MDOT funding. To date there have been no MDOT funds available for this project. The Chamber of Commerce Leadership Program proposed to fund one of these crosswalks in 2020 as part of their class leadership community project, however, the city council did not approve this project due to maintenance concerns.

Collaboration between the City, Cadillac Area Public Schools and the State is underway regarding the acquisition of a Federal grant opportunity through the “Safe Routes to School” program. If successful, it is possible significant grant dollars will be available for the construction of pathways (e.g. sidewalks) for children to our schools. It is anticipated that the funding could be awarded by the end of 2021, with construction activities scheduled for 2022.

15. Parking Enhancements

Time Frame: On-Going

Initiated: 2020

Project Leader: Marcus Peccia

Due to the growth Cadillac is realizing, specifically within its downtown corridor given the new commercial development already in place, and the future residential and commercial development that is in the works, enhancements to public parking opportunities are quickly becoming a priority for the community. Contemporary solutions such as valet parking and automated parking facilities are being explored, and key locations have been identified near the most significant new development areas. Conversations with other agencies and developers regarding funding and partnerships, specifically regarding automated facilities, are underway. It is possible that sometime within the next 1-2 years a new facility may be constructed as part of a current mixed-use development project. New on-street parking spaces are also being planned as part of the new mixed-use development. Pending qualification criteria for outside funding, a parking study may need to be commissioned.

Status: *Ongoing* - Several automated parking structures and vendors have been explored per recommendation by the MEDC. Merging such a parking structure into a broader mixed-use project (such as Cadillac Lofts or the Northwood project) is being evaluated to see if it is possible to secure funding through the MEDC. However, with modifications to the Community Development Block Grant (CDBG) program, it is becoming more likely that an alternative funding source will be needed to make any meaningful parking enhancements.

The City is also working with the MEDC to qualify for CDBG funding as a low/moderate income community. The City was recently approved in February 2020 to conduct a low-income survey. In late 2019 the FY2020 budget was amended to set aside funding for the survey, which needs to be conducted by one of the State’s certified universities. Due to the Covid-19 pandemic the low-income survey was delayed and now it is anticipated that the City will undertake the survey by spring or summer of 2021. If the City qualifies as a low to moderate income community, CDBG or other funding, possibly through the USDA-RD, can be pursued for parking and other public infrastructure improvements.

16. Commuter Rail Depot*Time Frame: On-Going & No Changes**Initiated: 2019**Project Leader: John Wallace*

Over the last several years, an initiative has been underway to develop a passenger rail service from Ann Arbor to Traverse City that would include a stop in Cadillac. The route may ultimately include destinations beyond Traverse City, such as Detroit and Petoskey. Key to ensuring that the train stops in any community in between is for the community to support the construction of a passenger depot for the train to use when it stops to load and off-load passengers. Minimum platform lengths of approximately 1,000' are required to accommodate a minimum passenger platform of 600'. Efforts are currently underway to identify potential locations within the community that can accommodate this space requirement in addition to the need for two sets of tracks. Funding of the depot and improvements to the tracks, or installation of tracks has yet to be determined, but it is expected to include outside funding in addition to the City being required to fund the building activities. Perhaps similar to the construction of the DEQ building, the City would construct the facility then use lease payments to pay down the debt service.

Status: Ongoing - The City has identified a site which may meet the states guidelines for a train depot. However, the lobbying effort is being led by a non-profit in our region, and progress is moving very slowly if at all. The formation of a new organization, possibly non-profit, to lead the implementation of this project has yet to occur. It is possible that the potential property may be sold or otherwise redeveloped long before any of this project ever becomes a reality.

17. Public Safety Community Engagement Program*Time Frame: Ongoing**Initiated: 2020**Project Leader: Adam Ottjepka*

The Cadillac Police and Fire Departments are aware of the importance of engaging and communicating with local citizens. Creation of this program is intended to make it easier for members of the community to engage and communicate with Police and Fire leadership. Utilizing technology such as social media and exploring other services such as broadcast type messaging applications whereby subscribers – with a free subscription - could receive a text and/or email whenever a message is sent by Police or Fire will be part of this program. More traditional meet and greet opportunities such as open-house type gatherings may also be part of this program.

Status: Ongoing - Covid has had a negative impact on the in-person nature of this program, but virtual safety programs have been provided to our Cadillac Area Public Schools (elementary children).

18. Hazardous Materials Response Initiative*Time Frame: 1-2 Years**Initiated: 2020**Project Leader: Adam Ottjepka*

Implementation of an increased level of hazardous materials response capabilities by the Cadillac Fire Department would be ideal given the variety of industries that call Cadillac home in addition to the variety of freight moving through the community on roadways and rail lines. Potential opportunities for the City include entering into an intergovernmental agreement with a rated and equipped organization. Then through mutual-aid type collaboration, Cadillac would be the first responders responsible for command of the hazardous materials spill scene and decontamination of any victims, and the partner would be responsible for the subsequent clean-up.

Status: Ongoing - Discussions with regional agencies are underway, and it is anticipated that the project will be completed in 2021.

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

TABLE OF CONTENTS

Description of 6-Year Capital Program.....2
Program Summary3
Source of Funds Summary3
Projects by Fiscal Year 4-8

Departmental Detail

Municipal Complex and Administration 9-16
Police Department..... 17-25
Fire Department 26-28
Municipal Parks 29-40
Major Streets..... 41-46
Local Streets..... 47-65
Maple Hill Cemetery..... 66-71
Water and Wastewater 72-133
Department of Public Works 134-142
Information Technology 143-154
Community Development..... 155-161
Industrial Parks 162-164

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

What is the 6-Year Capital Improvement Program?

The information that follows represents the City of Cadillac's 6-Year Capital Improvement Program. In it, projects have been identified that need to be addressed over the next six fiscal years. The program serves as a crucial planning component within the City's overall operational management structure. Since its inception, most projects undertaken within the City have come through this planning document. The program provides important information that aids in maintaining the City's critical infrastructure as well as the equipment needed to carry out the delivery of services to the community.

What is a Capital Project?

For the purposes of the Capital Improvement Program, a capital project has been identified by the city as any project that exceeds the City Council purchasing threshold of \$7,500 and has an estimated useful life of greater than one year. This includes items like police cars, fire trucks, streets and other construction projects, parks maintenance equipment, snow plows, street sweepers, etc. This program identifies those projects that meet the criteria above that will be addressed in the next six years.



How is the program developed?

The program is developed in the Financial Services Department using project information submitted by each department within the City. Once all project requests have been received, the requests are reviewed and added to the program where appropriate. Projects identified in previous programs remain in the current program unless a different priority or strategy makes it unnecessary to do so. Once a final proposed document has been completed, the program is distributed to the City Council and is also made available for the public to review. The Council holds work sessions to discuss the program, and citizen input is sought through both the work session and through a public hearing process. Once the public hearing has been completed, the program is finalized and adopted by Council.

How is the 6-Year Capital Improvement Program organized?

The program is developed on a departmental basis. Summaries for the overall program are listed by department in order to help analyze the impact to each fund within the City. The summaries that follow on the next several pages will highlight the annual cost of projects for each department per year, as well as summarize the sources of funding that have been identified each year to complete the related slate of projects. Keep in mind that not all projects that are in this document will be completed. Over the next six years, priorities may change and funding sources may be eliminated making completion of the project imprudent or impossible.

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Summary

On a departmental basis, the 6-Year Capital Improvement Program includes the following request levels, presented by fiscal year:

Fund	Year 1 - FY2022	Year 2 - FY2023	Year 3 - FY2024	Year 4 - FY2025	Year 5 - FY2026	Year 6 - FY2027	Grand Total
General Fund							
Municipal Complex and Administration	27,000	15,000	413,000	50,000			505,000
Parks	42,500	7,500	153,000	65,000	7,500		275,500
Police Department	62,000	58,000	35,000	48,000	49,000		252,000
Fire Department			450,000			600,000	1,050,000
General Fund Total	131,500	80,500	1,051,000	163,000	56,500	600,000	2,082,500
Major Street Fund	1,500,000	475,000				800,000	2,775,000
Local Street Fund	2,812,500	425,000	755,000	128,000			4,120,500
Cemetery Operating Fund		23,000		150,000	8,000		181,000
Water and Sewer Fund	1,077,000	1,105,000	574,000	1,030,500	1,125,000	578,000	5,489,500
Stores and Garage Fund	122,500	30,000	85,000	35,000	35,000		307,500
Information Technology Fund	90,000	20,000	40,000	70,000	40,000	20,000	280,000
Industrial Park Fund	40,000	600,000					640,000
Community Development	1,000,000		350,000				1,350,000
Grand Total	6,773,500	2,758,500	2,855,000	1,576,500	1,264,500	1,998,000	17,226,000

Source of Funds

It is also important to identify the sources of funding that will be used to fund each year's projects. This helps to determine the viability of each year's requests and serves as a critical planning tool for current and future operating budgets. For the current 6-year program, the following sources of funding have been identified by fiscal year:

Source of Funds	Year 1 - FY2022	Year 2 - FY2023	Year 3 - FY2024	Year 4 - FY2025	Year 5 - FY2026	Year 6 - FY2027	Total
General Governmental Revenues	871,500	680,500	1,041,000	98,000	56,500	600,000	3,347,500
Donations Received	35,000	0	0	0	0	0	35,000
Future Donations	0	0	0	115,000	0	0	115,000
Operating Revenues	1,289,500	1,178,000	699,000	1,235,500	1,208,000	598,000	6,208,000
MVHF	3,712,500	900,000	755,000	128,000	0	800,000	6,295,500
Bond/Loan Proceeds	0	0	0	0	0	0	0
Grants	865,000	0	10,000	0	0	0	875,000
Special Assessments	0	0	350,000	0	0	0	350,000
	6,773,500	2,758,500	2,855,000	1,576,500	1,264,500	1,998,000	17,226,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Projects by Fiscal Year

The following tables identify specific projects that have been requested in each of the six fiscal years included in the current program. The summary lists the department that is making the request, the name of the project, the estimated cost, and the page number that the project details can be found on within this document. The first year of the program will be used in the development of the Annual Operating Budget, a process which will begin shortly after final approval and adoption of the program.

Year 1 - FY2022			
Municipal Complex and Administration	Staff Car	27,000	10
Police Department	Police Patrol Vehicle	45,000	18
	BolaWraps	17,000	19
Parks	Riding Lawn Mower	7,500	31
	Playground Equipment	25,000	30
	Lakefront Lighting	10,000	32
Major Street	W. Division Street (Leeson to Boon)	500,000	42
	M-55 Roundabout	1,000,000	43
Local Street	Lester Street (Cobbs to Howard)	675,000	49
	Aldrich Street (Bond to Linden)	335,000	50
	Ayers Street (Wheeler to Plett)	410,000	51
	Burlingame Street (13th to Ford)	325,000	52
	Crippen Street (Mitchell to Hemlock)	450,000	53
	Crestview Street	140,000	54
	Evart Street	220,000	55
	Simons Street (Pine to Bremer)	250,000	56
	Street Sign Replacement	7,500	48
Water and Wastewater	Lester Street (Cobbs to Howard)	115,000	75
	Aldrich Street (Bond to Linden)	111,000	76
	Crippen Street (Mitchell to Hemlock)	130,000	79
	Crestview Street	64,000	80
	Evart Street (2)	80,000	81
	Simons Street (Pine to Bremer)	40,000	82
	W. Division Street	54,000	83
	Ayer Street	10,000	77
	Burlingame Street	148,000	78
	1/2 Ton Service Truck	30,000	84
	1-Ton Service Truck with Plow and Hoist	45,000	85
	Influent Screw Pump	140,000	86
	Lab Counter Replacement	15,000	87
	Portable Generator	60,000	88
	Storage Barn	35,000	89
Department of Public Works	1-Ton Dump Truck	55,000	135
	Riding Lawn Mower	7,500	136
	2 - 3/4-Ton 4X4 Pickup Trucks	60,000	137

DRAFT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Information Technology	Computer Replacement	20,000	144
	IT Infrastructure	20,000	145
	Wireless Project	50,000	146
Community Development	Trailhead at Cadillac Commons	450,000	156
	Cass/Shelby/Chapin Upgrades	550,000	157
Industrial Parks	Entrance Signs	40,000	163
Year 1 - FY2022 Total		6,773,500	

Year 2 - FY2023			
Municipal Complex and Administration	New Municipal Complex Entry Doors	15,000	11
Police Department	Police Patrol Vehicle	47,000	20
	K-9 Officer	11,000	21
Parks	Shoreline Stabilization	7,500	33
Major Street	Carmel Street (Cobbs to Stimson)	225,000	44
	Linden Street (W. Division to Arthur)	250,000	45
Local Street	Hemlock Street (Pine to Washington)	100,000	57
	Lincoln Street (Hemlock to May)	75,000	58
	Simons Street (Mason to Cass)	250,000	59
Maple Hill Cemetery	Riding Lawn Mower	8,000	67
	Sprinkler System Upgrade	15,000	68
Water and Wastewater	Linden Street	44,000	90
	N. Simons Street	37,500	91
	1/2 Ton Service Truck	30,000	92
	Gas Storage and Energy Production	600,000	93
	Exterior Door/Window Replacement-WWTP	115,000	94
	Kubota Tractor	25,000	95
	Submersible Hydraulic Pump	90,000	96
	New Control Panel	100,000	97
	Push Sewer Camera	13,500	98
	Manhole Rehabilitation	25,000	99
	Water Well Inspection	25,000	100
Department of Public Works	Wood Chipper	30,000	138
Information Technology	Computer Replacement	20,000	147
Industrial Parks	James E. Potvin Industrial Park Expansion	600,000	164
Year 2 - FY2023 Total		2,758,500	

Year 3 - FY2024			
Municipal Complex and Administration	Backup Generator	50,000	12
	Heating and Cooling Renovation	75,000	13
	Upgrade Municipal Complex Restrooms	30,000	14
	Fire Garage Expansion	258,000	15

INTRODUCTION AND SUMMARY

DRAFT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Police Department	Car Port	20,000	22
	Bulletproof Vest Replacement	15,000	23
Fire Department	Overhaul Aerial Ladder Truck	450,000	27
Parks	Kenwood Parking Lot	60,000	34
	Parking Lot Upgrades - Lake and Chestnut St.	35,000	35
	Riding Lawn Mower	8,000	37
	Playground Equipment	50,000	36
Local Street	Blodgett Street (Lincoln to Washington)	90,000	60
	Delmar Street (Chapin to E. Division)	125,000	61
	Elmer Street (Waldo to Linden)	400,000	62
	Wheeler Street (Ayer to Smith)	140,000	63
Water and Wastewater	Elmer Street	76,000	101
	Major Building Exterior Repairs	175,000	102
	Visitor/Client Entrance - WWTP	95,000	103
	1/2 Ton Service Truck	30,000	104
	Piston Pump Replacement	25,000	105
	Backhoe	123,000	106
	Manhole Rehabilitation	25,000	107
	Water Well Inspection	25,000	108
Department of Public Works	1-Ton Dump Truck	50,000	139
	Four Post Column Lift	35,000	140
Information Technology	Computer Replacement	20,000	148
	IT Infrastructure	20,000	149
Community Development	Carmel Street Sidewalk	75,000	158
	Chestnut Street Sidewalk	75,000	159
	Cobb Street Sidewalk	100,000	160
	Pearl Street Sidewalk	100,000	161
Year 3 - FY2024 Total		2,855,000	
Year 4 - FY2025			
Municipal Complex and Administration	Roof Patching and Repair	50,000	16
Police Department	Police Patrol Vehicle	48,000	24
Parks	Skate Park Equipment	40,000	38
	Walkway Bridge Gazebo	25,000	39
Local Street	Warbler Lane (Paluster to Cardinal)	67,000	64
	Cardinal Drive (Warbler to Crosby)	61,000	65
Maple Hill Cemetery	Entrance Pillars	50,000	69
	Maintenance Garage	100,000	70
Water and Wastewater	Two (2) Service Trucks	60,000	109
	Type 1 Water System	15,000	110
	Anaerobic Digester Cleaning	75,000	111

INTRODUCTION AND SUMMARY

DRAFT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

	Plant-Wide Phone System	18,000	112
	Televised Inspection Trailer	225,000	113
	Two (2) Riding Lawn Mowers	30,000	114
	Construction/Job Cargo Trailer	7,500	115
	Sewer Lining	500,000	116
	WWTP Handrail Replacement	100,000	117
Department of Public Works	3/4-Ton 4X4 Pickup Truck	35,000	141
Information Technology	Computer Replacement	20,000	150
	IT Infrastructure	50,000	151
Year 4 - FY2025 Total		1,576,500	
Year 5 - FY2026			
Police Department	Police Patrol Vehicle	49,000	25
Parks	Riding Lawn Mower	7,500	40
Maple Hill Cemetery	Riding Lawn Mower	8,000	71
Water and Wastewater	Analytical Lab Balance	10,000	118
	Wastewater/Lab Fume Hoods	35,000	119
	Transformer Replacement	20,000	120
	Aqua Disk Upgrade	55,000	121
	Channel Monster Replacement	45,000	122
	Main Building Roof Replacement	50,000	123
	Ultraviolet System Upgrade	110,000	124
	Compact Tractor	30,000	125
	Two (2) 1/2-Ton Service Trucks	60,000	126
	Sewer Lining	500,000	127
	Lake, Leeson, Leisure Street Pumps	125,000	128
	Lift Station Exteriors and Doors	85,000	129
Department of Public Works	3/4-Ton 4X4 Pickup Truck	35,000	142
Information Technology	Computer Replacement	20,000	152
	IT Infrastructure	20,000	153
Year 5 - FY2026 Total		1,264,500	
Year 6 - FY2027			
Fire Department	Fire Truck	600,000	28
Major Street	North Boulevard (M-115 to Rose Street)	800,000	46
Water and Wastewater	Two (2) Service Trucks	60,000	130
	Sewer Lining	500,000	131
	Handheld Radio Meter Reader	10,000	132
	Muffle Furnace/Drying Oven	8,000	133
Information Technology	Computer Replacement	20,000	154
Year 6 - FY2027 Total		1,998,000	
Grand Total		17,226,000	

INTRODUCTION AND SUMMARY

DRAFT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Following these summary pages are the details for the projects included in this Capital Improvement Program. The details will be broken down by each department. A departmental summary page will be first, followed by a project summary page for each project included in the program. This Capital Improvement Program will give the reader insight into the capital needs that the City of Cadillac will face over the next six years. If you have any questions pertaining to this report or would like additional information, please direct your request to the City of Cadillac, Director of Finance, 200 N. Lake Street, Cadillac, MI, 49601, or call the Financial Services Department at (231) 775-0181.

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Projects Identified – Municipal Complex/General Government

The following projects have been identified for inclusion in this six-year Capital Improvement Program.

Municipal Complex and Administration	
Year 1 - FY2022	
Staff Car	27,000
Year 1 - FY2022 Total	27,000
Year 2 - FY2023	
New Municipal Complex Entry Doors	15,000
Year 2 - FY2023 Total	15,000
Year 3 - FY2024	
Backup Generator	50,000
Heating and Cooling Renovation	75,000
Upgrade Municipal Complex Restrooms	30,000
Fire Garage Expansion	258,000
Year 3 - FY2024 Total	413,000
Year 4 - FY2025	
Roof Patching and Repair	50,000
Year 4 - FY2025 Total	50,000
Municipal Complex and Administration Total	505,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**

Project Title: **STAFF CAR**

First Year in CIP: 2020
Project Category: Vehicle Replacement
Department: Administration

Total Project Cost: \$27,000

Project Description: A reliable staff car is essential to providing safe transportation for City staff personnel.

Project Justification and/or Need: Administration staff regularly travel to various out-of-town training sessions and meetings. Scheduled replacements are needed to ensure the availability of a safe, reliable vehicle. This purchase was in the budget two years ago but repairs were made to extend the life of the existing vehicle a couple additional years.

Project Impact/Benefit: A 2004 Ford Taurus will be replaced with this new staff vehicle. The new vehicle will facilitate out-of-town travel for other members of City staff as well as elected officials.

Operating Fund Impact: Purchase of this vehicle will facilitate disposal of an older vehicle that was kept beyond its estimated useful life, and will provide a safe, efficient vehicle for staff to use to travel. Overall, project should result in a reduction in annual maintenance costs of approximately \$500.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$27,000
Total	\$27,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 – FY2023**

Project Title: **MUNICIPAL COMPLEX ENTRY DOORS**

First Year in CIP: 2018
Project Category: Building Construction
Department: Municipal Complex

Total Project Cost: \$15,000

Project Description: Replace entry doors in three (3) locations. Install electronic access at two main complex entrances on North and East side of building.

Project Justification and/or Need: Current doors are aging and are not insulated well. Additionally, installing electronic access devices will enhance security by reducing the number of keys that will be issued for building access.

Project Impact/Benefit: Enhanced heating and cooling efficiency; enhanced security access control.

Operating Fund Impact: Reduce utility costs by approximately \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$15,000
Total	<u>\$15,000</u>



CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**
Project Title: **BACKUP GENERATOR**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Administration

Total Project Cost: \$50,000

Project Description: Replace generator in Municipal Complex. Current unit has reached the end of its useful life.

Project Justification and/or Need: Complex generator is an important backup power source for the City's data, security, and public safety services. Generator operates garage doors in Police and Fire departments and will enable services to continue during extended power outages.



Project Impact/Benefit: Enhances ability to provide ongoing public safety during power outages, and protects important City data.

Operating Fund Impact: Reduced maintenance costs and service calls could save an estimated \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$50,000
Total	<u>\$50,000</u>

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**

Project Title: **HEATING AND COOLING SYSTEM RENOVATION**

First Year in CIP: 2015
Project Category: Building Maintenance
Department: Municipal Complex

Total Project Cost: \$75,000

Project Description: Ongoing maintenance of the municipal complex is essential. Phasing this maintenance aids continuous improvement of the facility.

Project Justification and/or Need: Existing system is in need of modernization.

Project Impact/Benefit: Ensure optimum operating efficiency and reduce downtime of system.

Operating Fund Impact: It is expected that replacing and renovating the system will help avoid major outages and failures and reduce major annual maintenance costs by up to \$1,500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$75,000
Total	\$75,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**

Project Title: **UPGRADE MUNICIPAL COMPLEX RESTROOMS**

First Year in CIP: 2004
Project Category: Building Maintenance
Department: Municipal Complex

Total Project Cost: \$30,000

Project Description: Ongoing maintenance of the municipal complex is essential. Phasing this maintenance aids continuous improvement of the facility.

Project Justification and/or Need: Existing facility is 37 years old and in need of modernization. Project will encompass floors, lighting, dividers and toilets.

Project Impact/Benefit: Project will include public and employee bathrooms in the Police Department and Administration, as well as the shower facilities in the police department.



Operating Fund Impact: It is expected that upgrading the restrooms in the entire facility will reduce minor maintenance costs by approximately \$600 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$30,000
Total	\$30,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**
Project Title: **FIRE GARAGE EXPANSION**

First Year in CIP: 2016
Project Category: Building Construction
Department: Municipal Complex

Total Project Cost: \$258,000

Project Description: Add approximately 1700 sf addition to garage space including new office space for Fire Marshal. Space would serve as a new space for physical fitness equipment making more apparatus bay space available for emergency equipment.

Project Justification and/or Need: Additional space would enable all City vehicles and equipment to be stored inside, importantly including the HAZMAT and Technical Rescue trailers which are currently stored outside. Could also accommodate a second ambulance when service demands may warrant.

Project Impact/Benefit: Interior storage of equipment prevents damage from the Northern Michigan elements. For example, HAZMAT suits deteriorate much more quickly when they are not stored in a temperature-controlled environment. Project would also enable physical fitness equipment to be available to staff outside of a garage area with frequent operation of diesel engines.

Operating Fund Impact: Interior storage would extend the usable life of the equipment in the trailers, and could also protect other vehicles from damage and wear from being stored outside. Savings could average \$2,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$258,000
Total	\$258,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 – FY2025**

Project Title: **ROOF PATCHING AND REPAIR**

First Year in CIP: 2020
Project Category: Building Construction
Department: Municipal Complex

Total Project Cost: \$50,000

Project Description: Upgrade, repair, and replace sections of the roof on the Cadillac Municipal Complex as needed.

Project Justification and/or Need: The roof on the complex is showing signs of wear and there have been several small leaks in the last couple of years.

Project Impact/Benefit: A safe, upgraded roof will protect the municipal complex and all of the infrastructure inside.

Operating Fund Impact: Reduce annual maintenance costs by up to \$1,000 per year, and avoid a potentially catastrophic loss that a failed roof would cause.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$50,000
Total	\$50,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Projects Identified – Police Department

The following projects have been identified for inclusion in this six-year Capital Improvement Program.

Police Department	
Year 1 - FY2022	
Police Patrol Vehicle	45,000
BolaWraps	17,000
Year 1 - FY2022 Total	62,000
Year 2 - FY2023	
Police Patrol Vehicle	47,000
K-9 Officer	11,000
Year 2 - FY2023 Total	58,000
Year 3 - FY2024	
Car Port	20,000
Bulletproof Vest Replacement	15,000
Year 3 - FY2024 Total	35,000
Year 4 - FY2025	
Police Patrol Vehicle	48,000
Year 4 - FY2025 Total	48,000
Year 5 - FY2026	
Police Patrol Vehicle	49,000
Year 5 - FY2026 Total	49,000
Police Department Total	252,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 - FY2022**

Project Title: **POLICE PATROL VEHICLE REPLACEMENT**

First Year in CIP: 2017
Project Category: Vehicle Replacement
Department: Police



Total Project Cost: \$45,000

Project Description: The patrol vehicle replacement program is designed to replace vehicles by the end of their estimated useful life. Beginning in 2020 the department will switch to all-wheel drive, SUV-model patrol vehicles.



Project Justification and/or Need: Patrol vehicles are used on a daily basis and are often driven 24 hours per day. The estimated useful life of a patrol vehicle is approximately 90,000 miles. A modern and safe fleet is essential to aid public safety personnel in the carrying out of their duties.

Project Impact/Benefit: A regular cycle of patrol vehicle replacement keeps each vehicle that is in service in optimal condition, helping to protect the safety of officers as they carry out their duties.

Operating Fund Impact: Reduce minor maintenance by \$600 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$45,000
Total	\$45,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 - FY2022**
Project Title: **BOLAWRAPs**

First Year in CIP: 2021
Project Category: Equipment Purchase
Department: Police



Total Project Cost: \$17,000

Project Description: Purchase BolaWrap devices for all officers and sergeants.

Project Justification and/or Need: The BolaWrap is a non-lethal tool that deploys two barbed darts attached by a cord. The tool is intended to immobilize a subject's upper arms and torso or legs to limit their movement. The BolaWrap is a less invasive tool to subdue a suspect than a baton, taser, or pepper spray.



Project Impact/Benefit: The BolaWrap will provide officers an additional tool for subduing a subject and is a less invasive means versus other devices.

Operating Fund Impact: Increase minor maintenance and operating supplies by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$17,000
Total	\$17,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 - FY2023**

Project Title: **POLICE PATROL VEHICLE REPLACEMENT**

First Year in CIP: 2018
Project Category: Vehicle Replacement
Department: Police



Total Project Cost: \$47,000

Project Description: The patrol vehicle replacement program is designed to replace vehicles by the end of their estimated useful life. Beginning in 2020 the department will switch to all-wheel drive, SUV-model patrol vehicles.



Project Justification and/or Need: Patrol vehicles are used on a daily basis and are often driven 24 hours per day. The estimated useful life of a patrol vehicle is approximately 90,000 miles. A modern and safe fleet is essential to aid public safety personnel in the carrying out of their duties.

Project Impact/Benefit: A regular cycle of patrol vehicle replacement keeps each vehicle that is in service in optimal condition, helping to protect the safety of officers as they carry out their duties.

Operating Fund Impact: Reduce minor maintenance by \$600 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$47,000
Total	\$47,000

DRAFT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 - FY2023**
Project Title: **K-9 OFFICER**

First Year in CIP: 2021
Project Category: Other
Department: Police



Total Project Cost: \$11,000

Project Description:

Project Justification and/or Need:

Project Impact/Benefit:

Operating Fund Impact: Increase minor maintenance by \$100 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$11,000
Total	\$11,000

POLICE DEPARTMENT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 - FY2024**
Project Title: **CAR PORT**

First Year in CIP: 2019
Project Category: Building
Department: Police



Total Project Cost: \$20,000

Project Description: Build a car port to provide covered parking for patrol cars.

Project Justification and/or Need: Project will keep responding patrol cars and administrative vehicles in a ready state to respond to emergency calls for service. Will keep vehicles protected from elements and extend life span of departmental assets.



Project Impact/Benefit: Project will enable a more expedient response time for critical emergency calls during times of inclement weather.

Operating Fund Impact: No significant impact on operating budget; extended life of vehicles.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$20,000
Total	\$20,000

DRAFT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 - FY2024**
Project Title: **BULLETPROOF VEST REPLACEMENT**

First Year in CIP: 2020
Project Category: Equipment
Department: Police



Total Project Cost: \$15,000

Project Description: Replace bulletproof vests for all officers.

Project Justification and/or Need: Replace critical protection equipment for officers within the recommended industry time frame.

Project Impact/Benefit:

Operating Fund Impact: No impact.

Funding Source(s) for this Project:



<u>Funding Source</u>	<u>Amount</u>
Bulletproof Vest Program (BVP) Grant	\$10,000
General Governmental Revenues	5,000
Total	<u>\$15,000</u>

POLICE DEPARTMENT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 - FY2025**
Project Title: **POLICE PATROL VEHICLE REPLACEMENT**

First Year in CIP: 2019
Project Category: Vehicle Replacement
Department: Police



Total Project Cost: \$48,000

Project Description: The patrol vehicle replacement program is designed to replace vehicles by the end of their estimated useful life. Beginning in 2020 the department will switch to all-wheel drive, SUV-model patrol vehicles.



Project Justification and/or Need: Patrol vehicles are used on a daily basis and are often driven 24 hours per day. The estimated useful life of a patrol vehicle is approximately 90,000 miles. A modern and safe fleet is essential to aid public safety personnel in the carrying out of their duties.

Project Impact/Benefit: A regular cycle of patrol vehicle replacement keeps each vehicle that is in service in optimal condition, helping to protect the safety of officers as they carry out their duties.

Operating Fund Impact: Reduce minor maintenance by \$600 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$48,000
Total	\$48,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 - FY2026**
Project Title: **POLICE PATROL VEHICLE REPLACEMENT**

First Year in CIP: 2021
Project Category: Vehicle Replacement
Department: Police



Total Project Cost: \$49,000

Project Description: The patrol vehicle replacement program is designed to replace vehicles by the end of their estimated useful life. Beginning in 2020 the department will switch to all-wheel drive, SUV-model patrol vehicles.



Project Justification and/or Need: Patrol vehicles are used on a daily basis and are often driven 24 hours per day. The estimated useful life of a patrol vehicle is approximately 90,000 miles. A modern and safe fleet is essential to aid public safety personnel in the carrying out of their duties.

Project Impact/Benefit: A regular cycle of patrol vehicle replacement keeps each vehicle that is in service in optimal condition, helping to protect the safety of officers as they carry out their duties.

Operating Fund Impact: Reduce minor maintenance by \$600 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$49,000
Total	\$49,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Projects Identified – Fire Department

The following projects have been identified for inclusion in this six-year Capital Improvement Program.

Fire Department	
Year 3 - FY2024	
Overhaul Aerial Ladder Truck	450,000
Year 3 - FY2024 Total	450,000
Year 6 - FY2027	
Fire Truck	600,000
Year 6 - FY2027 Total	600,000
Fire Department Total	1,050,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**

Project Title: **OVERHAUL 1994 SEAGRAVE AERIAL LADDER TRUCK**

First Year in CIP: 2019
Project Category: Vehicle Refurbishment
Department: Fire



Total Project Cost: \$450,000

Project Description: Complete and thorough overhaul of the aerial ladder truck to include engine, pumps, transmission, electrical, hydraulic system and suspension components. Unit will be nearing 30 years old at time of refurbishment.



Project Justification and/or Need: This truck is a 1995 Seagrave, and fire engines are typically replaced between 15 and 25 years of use.

Project Impact/Benefit: A complete overhaul can potentially add 10-15 years of service life and would ensure a safer and more reliable fire engine to respond to critical incidents.

Operating Fund Impact: Reduce annual maintenance by up to \$5,000 per year.

Funding Source(s) for this Project:

<u>Funding Source(s)</u>	<u>Amount</u>
General Governmental Revenues	\$450,000
Total	\$450,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 6 – FY2027**
Project Title: **REPLACE ENGINE #1**

First Year in CIP: 2020
Project Category: Vehicle
Department: Fire



Total Project Cost: \$600,000

Project Description: Replace Engine #1. Unit will be approximately 25 years old at time of refurbishment.

Project Justification and/or Need: Engine 1 is a 2000 Alexis Pumper, and fire engines are typically replaced between 15 and 25 years of use.



Project Impact/Benefit: A modern, safe, and efficient apparatus fleet helps minimize response times to critical incidents.

Operating Fund Impact: Reduce annual maintenance by \$2,500 per year.

Funding Source(s) for this Project:

<u>Funding Source(s)</u>	<u>Amount</u>
General Governmental Revenues	\$600,000
Total	\$600,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Projects Identified – Municipal Parks

The following projects have been identified for inclusion in this six-year Capital Improvement Program.

Parks	
Year 1 - FY2022	
Playground Equipment	25,000
Riding Lawn Mower	7,500
Lakefront Lighting	10,000
Year 1 - FY2022 Total	42,500
Year 2 - FY2023	
Shoreline Stabilization	7,500
Year 2 - FY2023 Total	7,500
Year 3 - FY2024	
Kenwood Parking Lot	60,000
Parking Lot Upgrades - Lake and Chestnut St.	35,000
Playground Equipment	50,000
Riding Lawn Mower	8,000
Year 3 - FY2024 Total	153,000
Year 4 - FY2025	
Skate Park Equipment	40,000
Walkway Bridge Gazebo	25,000
Year 4 - FY2025 Total	65,000
Year 5 - FY2026	
Riding Lawn Mower	7,500
Year 5 - FY2026 Total	7,500
Parks Total	275,500

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **PLAYGROUND EQUIPMENT**

First Year in CIP: 2018
Project Category: Improvements
Department: Municipal Parks

Total Project Cost: \$25,000

Project Description: Replace damaged equipment and purchase new equipment as funding allows.

Project Justification and/or Need: Most playground equipment in the Parks system is aging and will soon need repair and/or replacement.



Project Impact/Benefit: Safe and modern equipment enhances the safety of users of the playground, most of which are children. Updated playgrounds also enhance user experience and the appearance of these public facilities.

Operating Fund Impact: Minimal impact on operating budget.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$25,000
Total	\$25,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **RIDING LAWN MOWER**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Municipal Parks

Total Project Cost: \$7,500

Project Description: Riding lawn mowers are used almost daily during the mowing season. Reliable equipment is essential to properly maintain the city parks.

Project Justification and/or Need: Current unit will be five years old and is requiring increasing maintenance and repairs. Reliability is also a factor as the equipment ages. Maintenance costs for this equipment make purchasing a new mower the best option. Mowers are regularly replaced on a six-year schedule.



Project Impact/Benefit: A new zero-turn mower will enable the Parks Crew to continue to beautifully maintain the City's signature system of parks.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$7,500
Total	<u>\$7,500</u>

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **LAKEFRONT LED LIGHTING**

First Year in CIP: **2020**
Project Category: Improvements
Department: Municipal Parks

Total Project Cost: **\$10,000**

Project Description:

Project Justification and/or Need:

Project Impact/Benefit:

Operating Fund Impact:

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$10,000
Total	\$10,000

MUNICIPAL PARKS

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 – FY2023**
Project Title: **SHORELINE STABILIZATION**

First Year in CIP: 2015
Project Category: Improvements
Department: Municipal Parks

Total Project Cost: \$7,500

Project Description: Project will place new rip rap along City-owned shoreline around Lake Cadillac.

Project Justification and/or Need: Constant wave action along the shoreline is causing the shoreline to erode in many areas. Placement of additional rip rap will mitigate some of the eroding effects of this situation.

Project Impact/Benefit: Erosion will be significantly reduced thereby minimizing the rate of deterioration of the shoreline.



Operating Fund Impact: Placement of rip rap will cost approximately \$1,000 in the year of placement, and may reduce minor ongoing lakeshore maintenance costs by an immaterial amount.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$7,500
Total	\$7,500

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**
Project Title: **KENWOOD PARK LOT PAVING**

First Year in CIP: 2004
Project Category: Improvements
Department: Municipal Parks

Total Project Cost: \$60,000

Project Description: Improve the Kenwood Park area by paving the existing parking lot.

Project Justification and/or Need: The north side of Kenwood Park is more active with the addition of the volleyball courts. This results in increased traffic in the area, and dust becomes an issue on hot, dry summer days. Paving across from the Kenwood Beach area may also provide for overflow parking for boaters and swimmers.

Project Impact/Benefit: Project will reduce dust in an increasingly high traffic area. Paving a dirt parking lot will also eliminate substantial ongoing maintenance of a dirt lot.



Operating Fund Impact: Eliminate minor maintenance costs of \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$60,000
Total	<u>\$60,000</u>

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**

Project Title: **PARKING LOT UPGRADES - CHESTNUT AND LAKE
STREETS**

First Year in CIP: 2003
Project Category: Improvements
Department: Municipal Parks

Total Project Cost: \$35,000

Project Description: Adequate public parking is needed to accommodate users of the lakefront park system. These parking lots are in need of repair to ensure ongoing usability.

Project Justification and/or Need: Parking lots will need an overlay of blacktop as well as new curb and gutter. These are two of the heaviest used parking lots providing access to lakefront recreation activities. The drainage of the lots will also be improved.



Project Impact/Benefit: Two high-use parking lots will be improved. This will enhance the visual impact of the prominent lots for the parks system and will reduce maintenance costs as well.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$35,000
Total	\$35,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**
Project Title: **PLAYGROUND EQUIPMENT**

First Year in CIP: 2020
Project Category: Improvements
Department: Municipal Parks

Total Project Cost: \$50,000

Project Description: Replace damaged equipment and purchase new equipment as funding allows.

Project Justification and/or Need: Most playground equipment in the Parks system is aging and will soon need repair and/or replacement.



Project Impact/Benefit: Safe and modern equipment enhances the safety of users of the playground, most of which are children. Updated playgrounds also enhance user experience and the appearance of these public facilities.

Operating Fund Impact: Minimal impact on operating budget.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$50,000
Total	\$50,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**
Project Title: **RIDING LAWN MOWER**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Municipal Parks

Total Project Cost: \$8,000

Project Description: Riding lawn mowers are used almost daily during the mowing season. Reliable equipment is essential to properly maintain the city parks.

Project Justification and/or Need: Current unit will be five years old and is requiring increasing maintenance and repairs. Reliability is also a factor as the equipment ages. Maintenance costs for this equipment make purchasing a new mower the best option. Mowers are regularly replaced on a six-year schedule.



Project Impact/Benefit: A new zero-turn mower will enable the Parks Crew to continue to beautifully maintain the City's signature system of parks.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$8,000
Total	\$8,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 – FY2025**
Project Title: **SKATE PARK EQUIPMENT**

First Year in CIP: 2005
Project Category: Equipment Additions
Department: Municipal Parks

Total Project Cost: \$40,000

Project Description: Purchase additional equipment to expand Chris Blackburn Skate Park.

Project Justification and/or Need: Phase 1 of the skate park was completed in 2004. Additional equipment was installed in 2007 and 2009. The remaining equipment will come as part of this project.

Project Impact/Benefit: Expand offering of recreational skateboarding equipment at the skate park, providing additional activities for area youth.

Operating Fund Impact: Increase maintenance costs by \$500 per year.



Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Future Donations	\$40,000
Total	\$40,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 – FY2025**
Project Title: **WALKWAY BRIDGE GAZEBO**

First Year in CIP: 2007
Project Category: Improvements
Department: Municipal Parks

Total Project Cost: \$25,000

Project Description: Construct and install a gazebo cover for the walkway bridge on the McKellop Walkway.

Project Justification and/or Need: The new walkway bridge was designed for a gazebo addition at the mid-span. This will complete the project as originally planned.

Project Impact/Benefit: The addition of the gazebo will enhance the overall beauty of the walkway bridge and provide a protected area for the individuals to view Lake Cadillac and the headwaters of the Clam River.



Operating Fund Impact: Increase minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Future Donations	\$25,000
Total	\$25,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 – FY2026**
Project Title: **RIDING LAWN MOWER**

First Year in CIP: 2021
Project Category: Equipment Replacement
Department: Municipal Parks

Total Project Cost: \$7,500

Project Description: Riding lawn mowers are used almost daily during the mowing season. Reliable equipment is essential to properly maintain the city parks.

Project Justification and/or Need: Current unit is five years old and is requiring increasing maintenance and repairs. Reliability is also a factor as the equipment ages. Maintenance costs for this equipment make purchasing a new mower the best option. Mowers are regularly replaced on a six-year schedule.



Project Impact/Benefit: A new zero-turn mower will enable the Parks Crew to continue to beautifully maintain the City's signature system of parks.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
General Governmental Revenues	\$7,500
Total	<u>\$7,500</u>

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Projects Identified – Major Streets

The following projects have been identified for inclusion in this six-year Capital Improvement Program.

Major Street	
Year 1 - FY2022	
W. Division Street (Leeson to Boon)	500,000
M-55 Roundabout	1,000,000
Year 1 - FY2022 Total	1,500,000
Year 2 - FY2023	
Carmel Street (Cobbs to Stimson)	225,000
Linden Street (W. Division to Arthur)	250,000
Year 2 - FY2023 Total	475,000
Year 6 - FY2027	
North Boulevard (M-115 to Rose Street)	800,000
Year 6 - FY2027 Total	800,000
Major Street Total	2,775,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **W. DIVISION STREET**

First Year in CIP: 2018
Project Category: Infrastructure Reconstruction
Department: Major Street

Total Project Cost: \$500,000



Project Description: Remove and replace a section of W. Division Street from Leeson Avenue to Boon Street, including crushing and shaping existing HMA, HMA paving, Sanitary Sewer upgrades.

Project Justification and/or Need: The existing street has a rating of 2 out of 10. This project will replace 1,944 feet of street at an estimated cost of \$165 per foot.

Project Impact/Benefit: Street replacement improves the drivability of the neighborhood and reduces annual maintenance costs related to deteriorated road surfaces.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$500,000
Total	\$500,000

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**

Project Title: **M-55/CROSBY ROAD ROUNDABOUT**

First Year in CIP: 2021
Project Category: Infrastructure Reconstruction
Department: Major Street

Total Project Cost: \$1,000,000

Project Description: Construct roundabout at intersection of M-55 and Crosby Road.

Project Justification and/or Need: Construction of roundabout will enhance safety of dangerous intersection.

Project Impact/Benefit: Enhance safety and improve flow of traffic.

Operating Fund Impact: Increase minor maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$400,000
MDOT Safety Grant	600,000
Total	<u>\$1,000,000</u>

MAJOR STREETS

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 – FY2023**
Project Title: **CARMEL STREET**

First Year in CIP: 2013
Project Category: Infrastructure Reconstruction
Department: Major Street

Total Project Cost: \$225,000



Project Description: Remove and replace a section of Carmel Street from Cobb Street to Stimson Street, including crushing and shaping existing HMA, HMA paving, ADA Sidewalk ramp upgrades, Curb and Gutter and Watermain upgrades.

Project Justification and/or Need: The existing street has a rating of 3 out of 10 and needs repair. This project will replace 2,175 feet of street at approximately \$100 per foot.

Project Impact/Benefit: Street replacement improves the drivability of the neighborhood and reduces annual maintenance costs related to deteriorated road surfaces.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$225,000
Total	<u>\$225,000</u>

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 – FY2023**
Project Title: **LINDEN STREET**

First Year in CIP: 2018
Project Category: Infrastructure Reconstruction
Department: Major Street

Total Project Cost: \$250,000



Project Description: Remove and replace a section of Linden Street from Division Street to Arthur Street, including crushing and shaping existing HMA, HMA paving, ADA Sidewalk ramp upgrades, Curb and Gutter and Sanitary and Storm Sewer upgrades.

Project Justification and/or Need: This street has a current rating of 2 out of 10 and needs repair. This project will replace 861 feet of street at an estimated cost of \$135 per foot.

Project Impact/Benefit: Street replacement improves the drivability of the neighborhood and reduces annual maintenance costs related to deteriorated road surfaces.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$250,000
Total	\$250,000

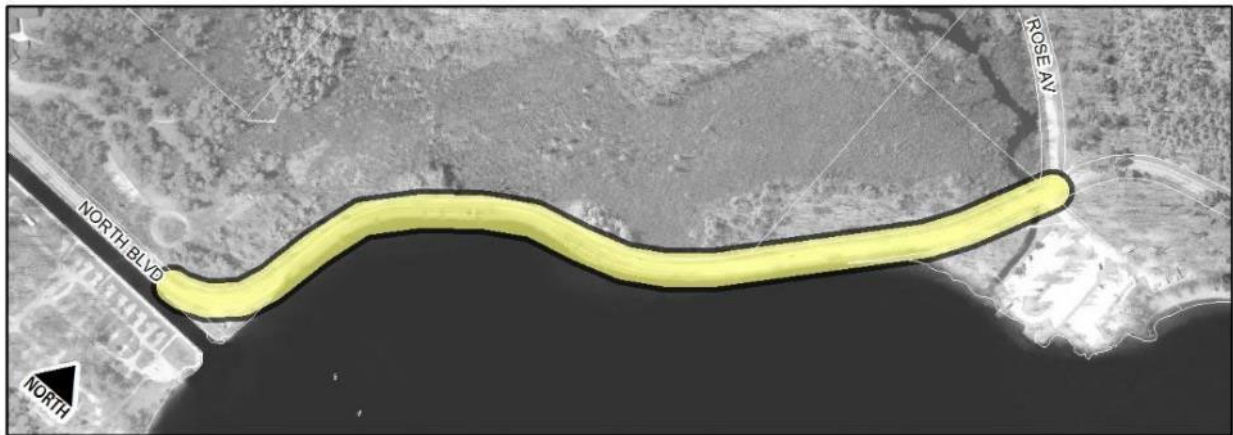
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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 – FY2024**
Project Title: **NORTH BOULEVARD**

First Year in CIP: 2018
Project Category: Infrastructure Reconstruction
Department: Major Street

Total Project Cost: \$800,000



Project Description: Remove and replace a section of North Boulevard from M-115 at the stop sign to Rose Street at Kenwood Park, including HMA paving with minor Subgrade Undercutting. Project must include shoreline stabilization to preserve integrity of the road.

Project Justification and/or Need: This street has a rating of 2 out of 10. This street will also need subgrade undercutting. This project will replace 3,800 feet of street at an estimated cost of \$150 per foot.

Project Impact/Benefit: Street replacement improves the drivability of the neighborhood and reduces annual maintenance costs related to deteriorated road surfaces.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$800,000
Total	\$800,000

MAJOR STREETS

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Projects Identified – Local Streets

The following projects have been identified for inclusion in this six-year Capital Improvement Program.

Local Street	
Year 1 - FY2022	
Street Sign Replacement	7,500
Lester Street (Cobbs to Howard)	675,000
Aldrich Street (Bond to Linden)	335,000
Ayers Street (Wheeler to Plett)	410,000
Burlingame Street (13th to Ford)	325,000
Crippen Street (Mitchell to Hemlock)	450,000
Crestview Street	140,000
Evart Street	220,000
Simons Street (Pine to Bremer)	250,000
Year 1 - FY2022 Total	2,812,500
Year 2 - FY2023	
Hemlock Street (Pine to Washington)	100,000
Lincoln Street (Hemlock to May)	75,000
Simons Street (Mason to Cass)	250,000
Year 2 - FY2023 Total	425,000
Year 3 - FY2024	
Blodgett Street (Lincoln to Washington)	90,000
Delmar Street (Chapin to E. Division)	125,000
Elmer Street (Waldo to Linden)	400,000
Wheeler Street (Ayer to Smith)	140,000
Year 3 - FY2024 Total	755,000
Year 4 - FY2025	
Warbler Lane (Paluster to Cardinal)	67,000
Cardinal Drive (Warbler to Crosby)	61,000
Year 4 - FY2025 Total	128,000
Local Street Total	4,120,500

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 - FY2022**
Project Title: **STREET SIGN REPLACEMENT**

First Year in CIP: 2016
Project Category: Signage Improvements
Department: Local Street

Total Project Cost: \$7,500

Project Description: Upgrade intersection street signs with newly designed signs.

Project Justification and/or Need: Existing street signs are white 4-inch lettering on a green background. Many of these signs have become faded over the years and need to be replaced as part of the routine maintenance program. The intent of this program is to design a street sign that blends with the existing “Way-Finding” signs. Initially there were 244 local street intersections that needed replaced. This year should complete the project.

Project Impact/Benefit: Enhanced appearance and consistency of signage throughout the City.

Operating Fund Impact: Reduce maintenance and repair costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$7,500
Total	\$7,500



CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **LESTER STREET**

First Year in CIP: 2019
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$675,000



Project Description: Remove and replace a section of Lester Street from Cobbs Street to Howard Street, including crushing and shaping existing HMA, HMA paving, ADA Sidewalk ramp upgrades, Curb and Gutter and Sanitary and Storm Sewer upgrades.

Project Justification and/or Need: This street has a current rating of 2/3 out of 10 and is in need of repair. This project will replace 1,906 feet of street. It is prudent to replace underlying utility infrastructure while a street is torn up.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surface. It will improve delivery of utility services.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$675,000
Total	\$675,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **ALDRICH STREET**

First Year in CIP: 2006
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$335,000



Project Description: Remove and replace a section of Aldrich Street from Bond Street to Linden Street, including HMA paving, ADA Sidewalk ramp upgrades, Curb and Gutter and Sanitary Sewer upgrades.

Project Justification and/or Need: This street has a current rating of 2 out of 10 and needs repair. This project will repair and resurface 1,320 feet of street at an estimated cost of \$150 per foot.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surface.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$675,000
Total	\$675,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **AYERS STREET**

First Year in CIP: 2016
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$410,000



Project Description: Remove and replace a section of Ayers Street from Wheeler Street to Plett Road, including crushing and shaping existing HMA, HMA paving and Sanitary, Storm Sewer and Watermain upgrades.

Project Justification and/or Need: Street has a current rating of 2 out of 10 and needs repair. This project will replace 1,405 feet of street at an estimated cost of \$92 per foot.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surface.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

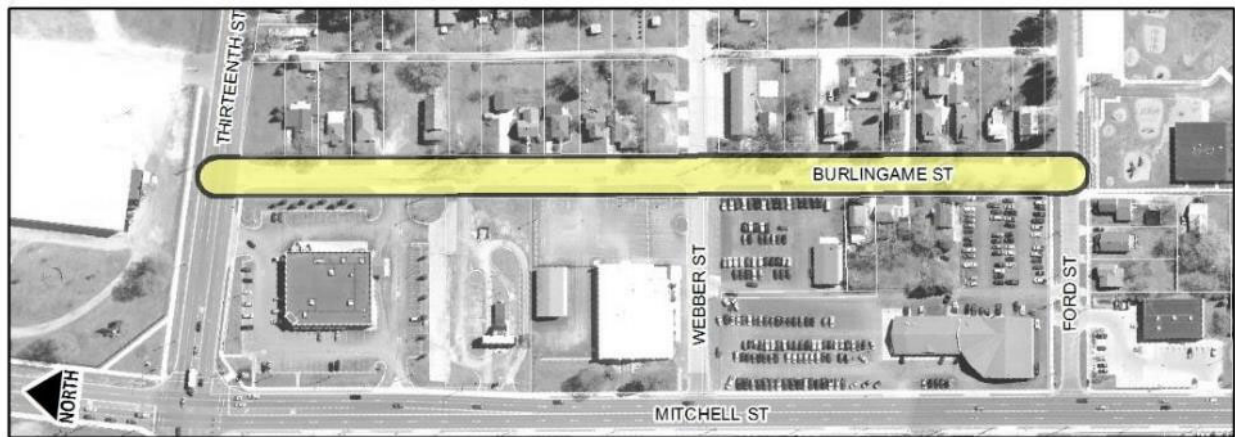
<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$410,000
Total	\$410,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **BURLINGAME STREET**

First Year in CIP: 2016
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$325,000



Project Description: Remove and replace a section of Burlingame Street from 13th Street to Ford Street, including HMA paving, ADA Sidewalk ramp upgrades, Sanitary Sewer and Watermain upgrades.

Project Justification and/or Need: Street has a current rating of 2 out of 10 and needs repair. This project will replace 1,341 feet of street at an estimated cost of \$162 per foot.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surface.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$325,000
Total	\$325,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**

Project Title: **CRIPPEN STREET**

First Year in CIP: 2003
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$450,000



Project Description: Remove and replace a section of Crippen Street from Mitchell Street to Hemlock Street, including HMA paving, ADA Sidewalk ramp upgrades, Curb and Gutter and Sanitary, Storm Sewer and Watermain upgrades.

Project Justification and/or Need: This street has a current rating of 3 out of 10 and is need of repair. This project will replace approximately 1,100 feet of street at an estimated cost of \$200 per foot.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surface.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

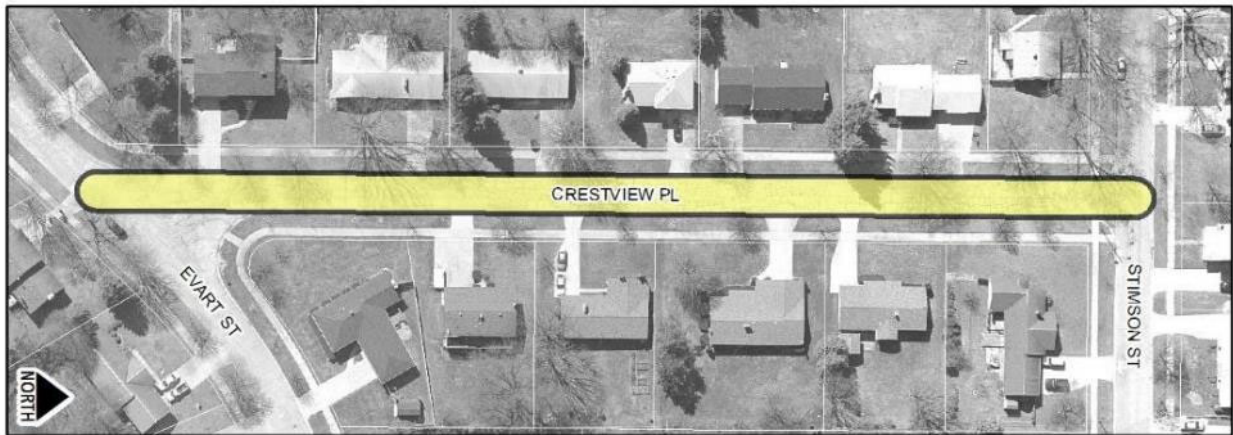
<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$450,000
Total	\$450,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **CRESTVIEW STREET**

First Year in CIP: 2013
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$140,000



Project Description: Remove and replace a section of Crestview Place from Evert Street to Stimson Street, including crushing and shaping existing HMA, HMA paving, ADA Sidewalk ramp upgrades, Curb and Gutter and Sanitary Sewer and Watermain upgrades.

Project Justification and/or Need: This street has a rating of 2 out of 10 and needs repair. This project will replace 850 feet of street at an estimated cost of \$100 per foot.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surfaces.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

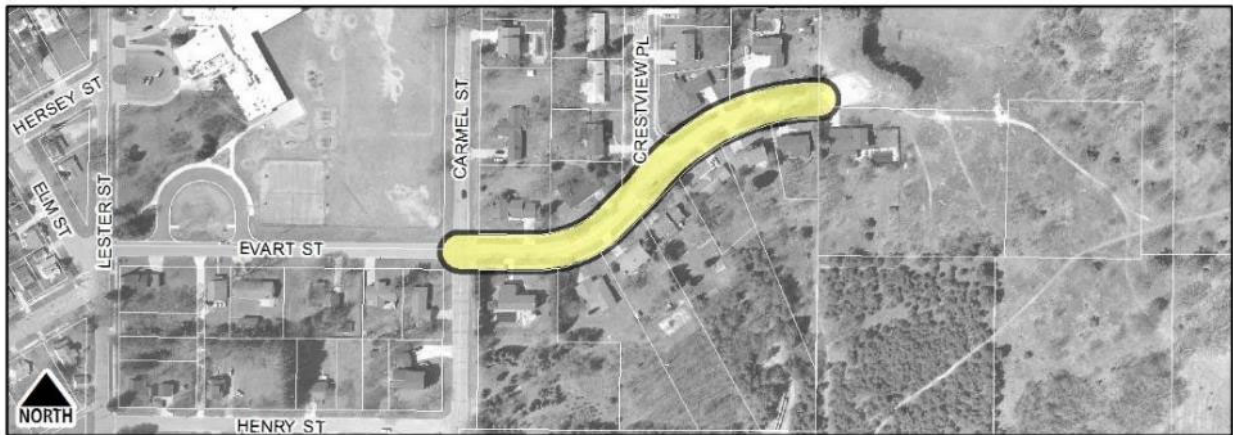
<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$140,000
Total	\$140,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **EVART STREET**

First Year in CIP: 2013
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$220,000



Project Description: Remove and replace a section of Ewart Street from Carmel Street to the east end of the street, including crushing and shaping existing HMA, HMA paving, ADA Sidewalk ramp upgrades, Curb and Gutter and Watermain upgrades.

Project Justification and/or Need: This street has a rating of 2 out of 10 and needs repair. This project will replace 829 feet of street at an estimated cost of \$100 per foot.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surfaces.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$220,000
Total	\$220,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **N. SIMONS STREET**

First Year in CIP: 2013
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$250,000



Project Description: Remove and replace a section of Simons Street from E. Pine Street to E. Bremer Street, including crushing and shaping existing HMA, HMA paving, ADA Sidewalk ramp upgrades.

Project Justification and/or Need: This street has a current rating of 2 out of 10 and needs repair. This project will replace 766 feet of street at an estimated cost of \$125 per foot.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surface.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

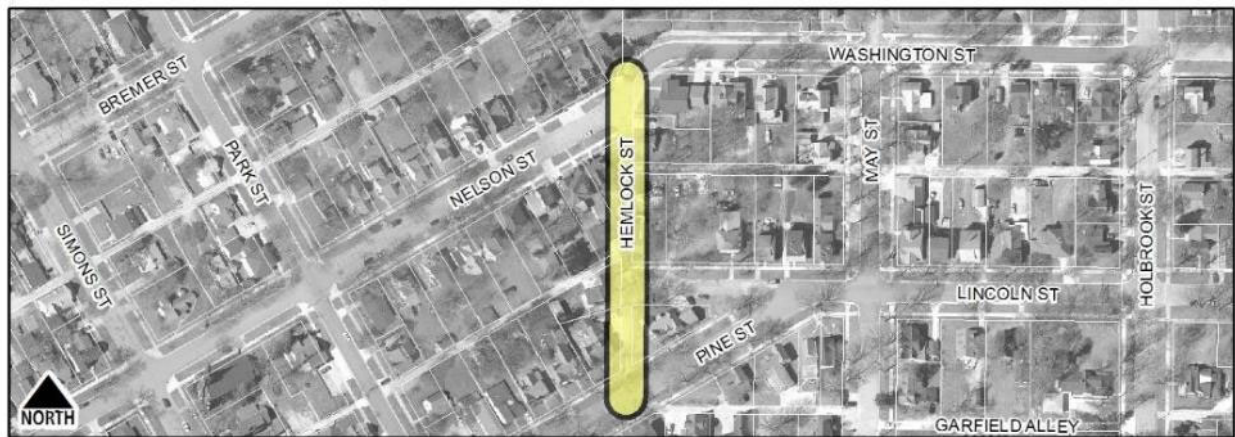
<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$250,000
Total	\$250,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 – FY2023**
Project Title: **HEMLOCK STREET**

First Year in CIP: 2018
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$100,000



Project Description: Remove and replace a section of Hemlock Street from Pine Street to Washington Street, including crushing and shaping existing HMA and HMA paving.

Project Justification and/or Need: This street has a current rating of 1 out of 10 and needs repair. This project will replace approximately 449 feet of street at an estimated cost of \$70 per foot.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surface.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$100,000
Total	\$100,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 – FY2023**
Project Title: **LINCOLN STREET**

First Year in CIP: 2018
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$75,000



Project Description: Remove and replace a section of Lincoln Street from Hemlock Street to May Street, including crushing and shaping existing HMA and HMA paving.

Project Justification and/or Need: This street has a current rating of 1 out of 10 and needs repair. This project will replace approximately 225 feet of street at an estimated cost of \$100 per foot.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surface.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$75,000
Total	\$75,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 – FY2023**
Project Title: **SIMONS STREET**

First Year in CIP: 2018
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$250,000



Project Description: Remove and replace a section of Simons Street from Cass Street to Mason Street, including crushing and shaping existing HMA, HMA paving, ADA Sidewalk ramp upgrades, Curb and Gutter and Sanitary, Storm Sewer and Watermain upgrades.

Project Justification and/or Need: This street has a current rating of 2 out of 10 and is in need of repair. This project will replace 798 feet of street at an estimated cost of \$130 per foot.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surface.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$250,000
Total	\$250,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**
Project Title: **BLODGETT STREET**

First Year in CIP: 2018
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$90,000



Project Description: Remove and replace a section of Blodgett Street from Lincoln Street to Washington Street, including crushing and shaping existing HMA, HMA paving and Sanitary and Storm Sewer upgrades.

Project Justification and/or Need: This street has a current rating of 1 out of 10 and needs repair. This project will replace 365 feet of street at an estimated cost of \$100 per foot.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surface.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

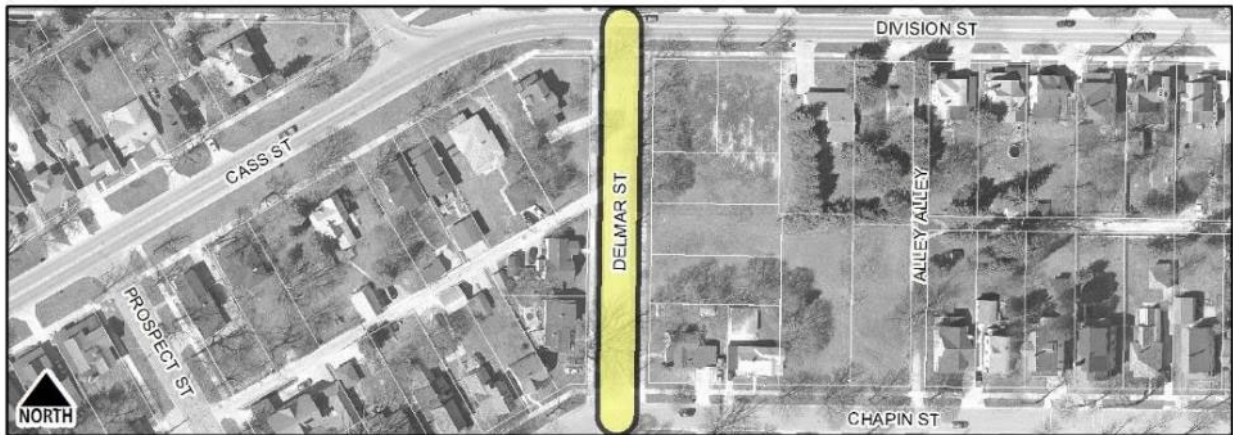
<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$90,000
Total	\$90,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**
Project Title: **DELMAR STREET**

First Year in CIP: 2018
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$125,000



Project Description: Remove and replace a section of Delmar Street from E. Chapin Street to E. Division Street, including crushing and shaping existing HMA, HMA paving.

Project Justification and/or Need: This street has a current rating of 2 out of 10 and needs repair. This project will replace 396 feet of street at an estimated cost of \$100 per foot.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surface.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$125,000
Total	\$125,000

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**

Project Title: **ELMER STREET**

First Year in CIP: 2018
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$400,000



Project Description: Remove and replace a section of Elmer Street from Waldo Street to Linden Street, including crushing and shaping existing HMA, HMA paving, ADA Sidewalk ramp upgrades, Curb and Gutter and Sanitary and Storm Sewer upgrades.

Project Justification and/or Need: This street has a current rating of 3 out of 10 and needs repair. This project will replace approximately 1,326 feet of street at an estimated cost of \$240 per foot.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surface.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$400,000
Total	\$400,000

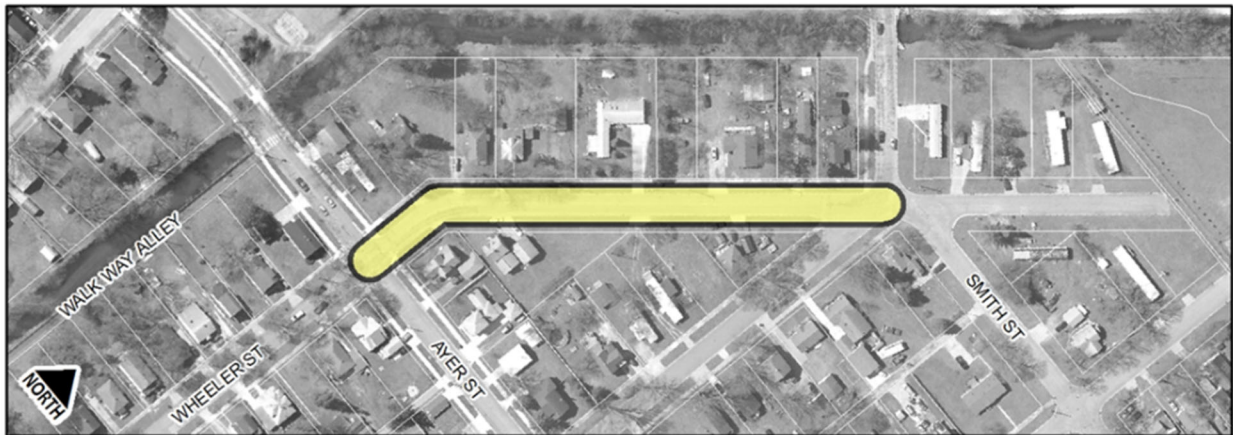
LOCAL STREETS

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**
Project Title: **WHEELER STREET**

First Year in CIP: 2019
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$140,000



Project Description: Remove and replace a section of Wheeler Street from Ayer Street to Smith Street, including crushing and shaping existing HMA and HMA paving.

Project Justification and/or Need: This street has a current rating of 2 out of 10 and is in need of repair. This project will replace 660 feet of street.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surface.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

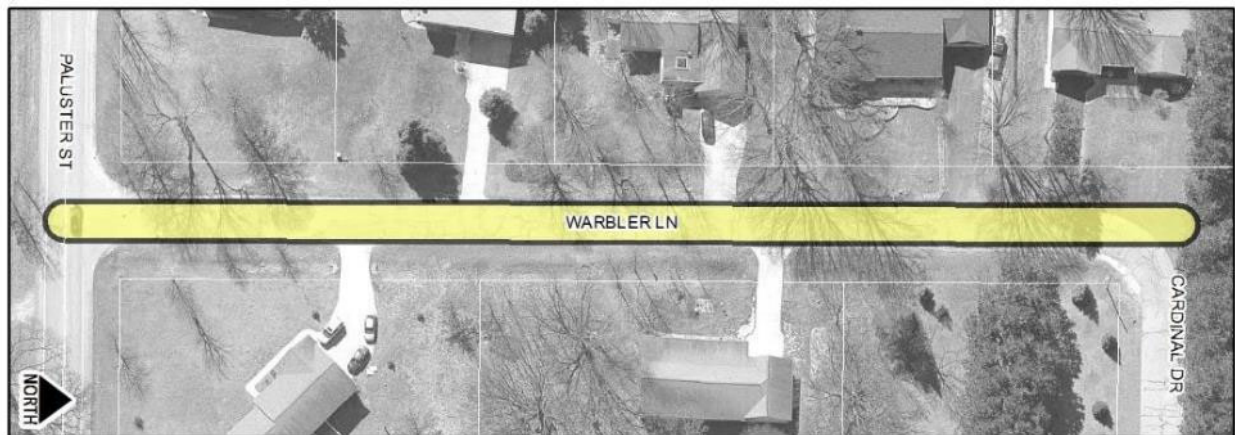
<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$140,000
Total	\$140,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 – FY2025**
Project Title: **WARBLER LANE**

First Year in CIP: 2018
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$67,000



Project Description: Remove and replace a section of Warbler Lane from Paluster Street to Cardinal Drive, including crushing and shaping existing HMA, HMA paving, ADA Sidewalk ramp upgrades and Curb and Gutter.

Project Justification and/or Need: This street has a current rating of 2 out of 10 and needs repair. This project will replace approximately 570 feet of street at an estimated cost of \$100 per foot.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surface.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$67,000
Total	\$67,000

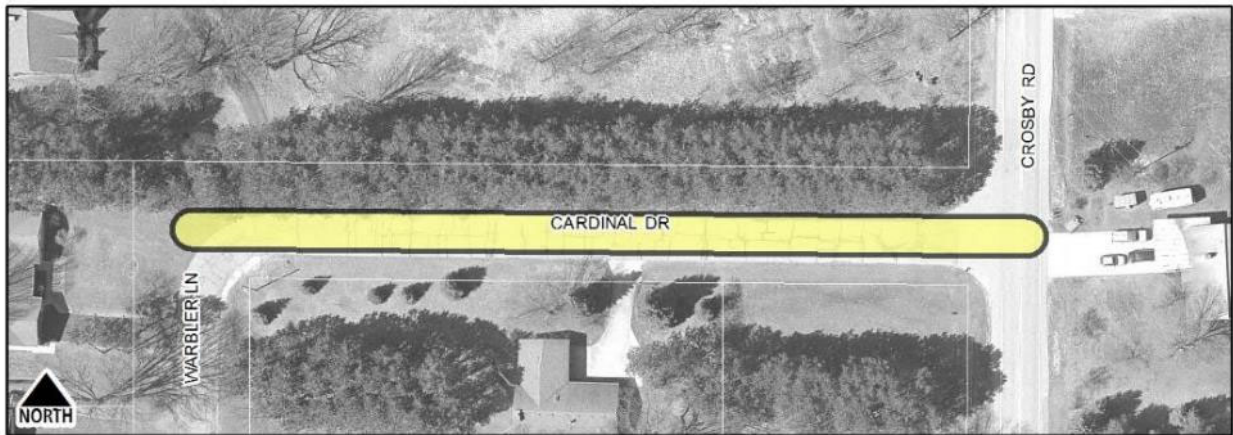
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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 – FY2025**
Project Title: **CARDINAL DRIVE**

First Year in CIP: 2018
Project Category: Infrastructure Reconstruction
Department: Local Street

Total Project Cost: \$61,000



Project Description: Remove and replace a section of Cardinal Drive from Warbler Lane to Crosby Road, including crushing and shaping existing HMA, HMA paving, ADA Sidewalk ramp upgrades and Curb and Gutter.

Project Justification and/or Need: This street has a current rating of 2 out of 10 and needs repair. This project will replace approximately 454 feet of street at an estimated cost of \$135 per foot.

Project Impact/Benefit: Project will improve drivability and appearance, while also reducing annual maintenance costs of a deteriorated road surface.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Motor Vehicle Highway Funds	\$61,000
Total	\$61,000

LOCAL STREETS

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2021-2027

Projects Identified – Cemetery Operating

The following projects have been identified for inclusion in this six-year Capital Improvement Program.

Maple Hill Cemetery	
Year 2 - FY2023	
Riding Lawn Mower	8,000
Sprinkler System Upgrade	15,000
Year 2 - FY2023 Total	23,000
Year 4 - FY2025	
Entrance Pillars	50,000
Maintenance Garage	100,000
Year 4 - FY2025 Total	150,000
Year 5 - FY2026	
Riding Lawn Mower	8,000
Year 5 - FY2026 Total	8,000
Maple Hill Cemetery Total	181,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2021-2027

Program Fiscal Year: **YEAR 3 – FY2022**
Project Title: **RIDING LAWN MOWER**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Maple Hill Cemetery

Total Project Cost: \$8,000

Project Description: Riding lawn mowers are used almost daily during the mowing season. Reliable equipment is essential to properly maintain the city parks.

Project Justification and/or Need: Current unit will be five years old and is requiring increasing maintenance and repairs. Reliability is also a factor as the equipment ages. Maintenance costs for this equipment make purchasing a new mower the best option. Mowers are regularly replaced on a six-year schedule.



Project Impact/Benefit: A new zero-turn mower will enable the cemetery maintenance crew to continue to beautifully maintain Maple Hill Cemetery.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Cemetery Operating Revenues	\$8,000
Total	\$8,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2021-2027

Program Fiscal Year: **YEAR 2 – FY2023**

Project Title: **SPRINKLER SYSTEM ENHANCEMENTS**

First Year in CIP: 2015
Project Category: Equipment Replacement
Department: Cemetery

Total Project Cost: \$15,000

Project Description: Install irrigation well and pump to supply water for cemetery.

Project Justification and/or Need: Installing a well at the cemetery would reduce watering costs.

Project Impact/Benefit: Reduce watering costs and enhance appearance of cemetery.

Operating Fund Impact: Reduce minor maintenance costs by \$2,500 per year.



Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Cemetery Perpetual Care Fund Contribution	\$15,000
Total	\$15,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2021-2027

Program Fiscal Year: **YEAR 4 – FY2025**

Project Title: **ENTRANCE PILLAR RECONSTRUCTION**

First Year in CIP: 2004
Project Category: Reconstruction
Department: Cemetery

Total Project Cost: \$50,000

Project Description: Pillars at the south entrance to Maple Hill Cemetery will be removed and replaced with new ones.

Project Justification and/or Need: Currently only one pillar remains at the south entrance. It is proposed to be relocated to the south property corner and then install two new marble pillars at the south gate.

Project Impact/Benefit: Project will enhance the visual appearance of the cemetery. Donors will have the opportunity to give to a project.



Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Future Donations	\$50,000
Total	\$50,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2021-2027

Program Fiscal Year: **YEAR 4 - 2025**
Project Title: **MAINTENANCE GARAGE**

First Year in CIP: 2014
Project Category: New Construction
Department: Cemetery

Total Project Cost: \$100,000

Project Description: Replace existing garage/office at Maple Hill Cemetery with a larger garage to accommodate all cemetery maintenance vehicles and equipment.

Project Justification and/or Need: Current structure is very old and needs to be updated. Building is not well insulated and is difficult and costly to heat. Electrical system is not up to current building codes.

Project Impact/Benefit: Project will enable all cemetery vehicles and equipment to be stored inside, thereby protecting equipment from the elements and extending useful lives. Utilities costs will be lessened as well.

Operating Fund Impact: Reduce minor maintenance and utilities costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Cemetery Operating Revenues	\$100,000
Total	\$100,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2021-2027

Program Fiscal Year: **YEAR 5 – FY2026**
Project Title: **RIDING LAWN MOWER**

First Year in CIP: 2019
Project Category: Equipment Replacement
Department: Cemetery

Total Project Cost: \$8,000

Project Description: Riding lawn mowers are used almost daily during the mowing season. Reliable equipment is essential to properly maintain the city parks.

Project Justification and/or Need: Current unit will be five years old and is requiring increasing maintenance and repairs. Reliability is also a factor as the equipment ages. Maintenance costs for this equipment make purchasing a new mower the best option. Mowers are regularly replaced on a six-year schedule.

Project Impact/Benefit: A new zero-turn mower will enable the cemetery maintenance crew to continue to beautifully maintain Maple Hill Cemetery.



Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Cemetery Operating Revenues	\$7,500
Total	\$7,500

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Projects Identified – Water and Wastewater

The following projects have been identified for inclusion in this six-year Capital Improvement Program.

Year 1 - FY2022	
Lester Street (Cobbs to Howard)	115,000
Aldrich Street (Bond to Linden)	111,000
Ayer Street	10,000
Burlingame Street	148,000
Crippen Street (Mitchell to Hemlock)	130,000
Crestview Street	64,000
Evart Street (2)	80,000
Simons Street (Pine to Bremer)	40,000
W. Division Street	54,000
1/2 Ton Service Truck	30,000
1-Ton Service Truck with Plow and Hoist	45,000
Influent Screw Pump	140,000
Lab Counter Replacement	15,000
Portable Generator	60,000
Storage Barn	35,000
Year 1 - FY2022 Total	1,077,000

Year 2 - FY2023	
Linden Street	44,000
N. Simons Street	37,500
1/2 Ton Service Truck	30,000
Gas Storage and Energy Production	600,000
Exterior Door/Window Replacement-WWTP	115,000
Kubota Tractor	25,000
Submersible Hydraulic Pump	90,000
New Control Panel	100,000
Push Sewer Camera	13,500
Manhole Rehabilitation	25,000
Water Well Inspection	25,000
Year 2 - FY2023 Total	1,105,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Year 3 - FY2024	
Elmer Street	76,000
Major Building Exterior Repairs	175,000
Visitor/Client Entrance - WWTP	95,000
1/2 Ton Service Truck	30,000
Piston Pump Replacement	25,000
Backhoe	123,000
Manhole Rehabilitation	25,000
Water Well Inspection	25,000
Year 3 - FY2024 Total	574,000

Year 4 - FY2025	
Two (2) Service Trucks	60,000
Type 1 Water System	15,000
Anaerobic Digester Cleaning	75,000
Plant-Wide Phone System	18,000
Televised Inspection Trailer	225,000
Two (2) Riding Lawn Mowers	30,000
Construction/Job Cargo Trailer	7,500
Sewer Lining	500,000
WWTP Handrail Replacement	100,000
Year 4 - FY2025 Total	1,030,500

Year 5 - FY2026	
Analytical Lab Balance	10,000
Wastewater/Lab Fume Hoods	35,000
Transformer Replacement	20,000
Aqua Disk Upgrade	55,000
Channel Monster Replacement	45,000
Main Building Roof Replacement	50,000
Ultraviolet System Upgrade	110,000
Compact Tractor	30,000

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Two (2) 1/2-Ton Service Trucks	60,000
Sewer Lining	500,000
Lake, Leeson, Leisure Street Pumps	125,000
Lift Station Exteriors and Doors	85,000
Year 5 - FY2026 Total	1,125,000

Year 6 - FY2027	
Two (2) Service Trucks	60,000
Sewer Lining	500,000
Handheld Radio Meter Reader	10,000
Muffle Furnace/Drying Oven	8,000
Year 6 - FY2027 Total	578,000

Water and Wastewater Total	5,489,500
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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **LESTER STREET**

First Year in CIP: 2019
Project Category: Infrastructure Reconstruction
Department: Water and Wastewater

Total Project Cost: \$115,000



Project Description: Replace water and sewer infrastructure below the street surface while it is torn up. Project includes the section of Lester Street from Cobbs Street to Howard Street.

Project Justification and/or Need: This portion of the street will be reconstructed this year, and it is prudent to replace underlying utility infrastructure while a street is torn up.

Project Impact/Benefit: Enhance water quality and improve the delivery of utility services.

Operating Fund Impact: Reduce maintenance and repair costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$115,000
Total	<u>\$115,000</u>

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **ALDRICH STREET**

First Year in CIP: 2006
Project Category: Infrastructure Reconstruction
Department: Water and Wastewater

Total Project Cost: \$97,000



Project Description: Replace water and sewer infrastructure below the street surface while it is torn up. This project includes the section of Aldrich Street between Bond Street and Linden Street.

Project Justification and/or Need: This street will be reconstructed this year, and it is prudent to replace underlying utility infrastructure while a street is torn up.

Project Impact/Benefit: Enhance water quality and improve the delivery of utility services.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$111,000
Total	<u>\$111,000</u>

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 - FY2022**
Project Title: **AYER STREET**

First Year in CIP: 2018
Project Category: Infrastructure Reconstruction
Department: Water and Wastewater

Total Project Cost: \$10,000



Project Description: Replace water and sewer infrastructure below the street surface while it is torn up. This project includes the section of Ayer Street between Wheeler Street and Plett Road.

Project Justification and/or Need: This portion of the street will be reconstructed this year, and it is prudent to replace underlying utility infrastructure while a street is torn up.

Project Impact/Benefit: Enhance water quality and improve the delivery of utility services.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

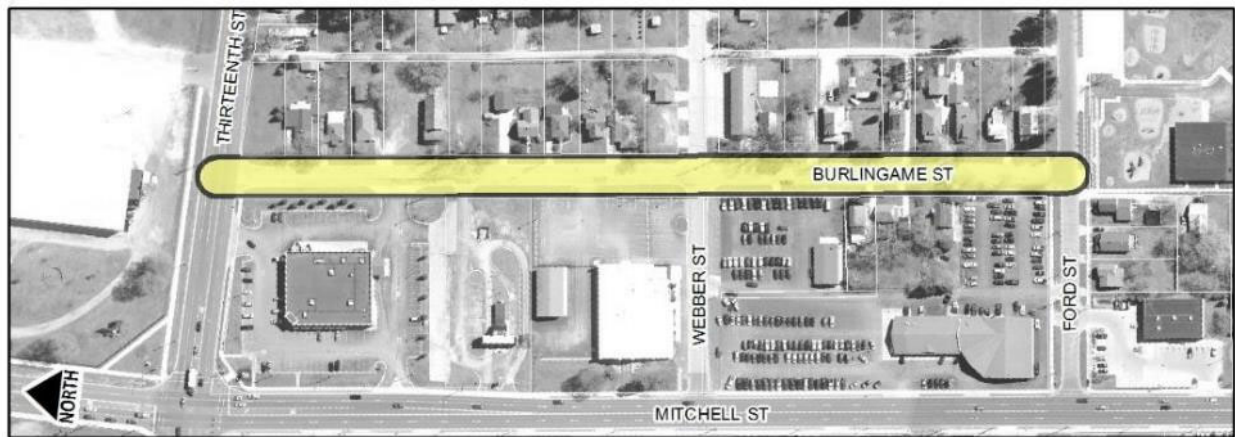
<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$10,000
Total	\$10,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 - FY2022**
Project Title: **BURLINGAME STREET**

First Year in CIP: 2016
Project Category: Infrastructure Reconstruction
Department: Water and Wastewater

Total Project Cost: \$148,000



Project Description: Replace water and sewer infrastructure below the street surface while it is torn up. This project includes the section of Burlingame Street located between 13th Street and Ford Street.

Project Justification and/or Need: This portion of the street will be reconstructed this year, and it is prudent to replace underlying utility infrastructure while a street is torn up.

Project Impact/Benefit: Enhance water quality and improve the delivery of utility services.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$148,000
Total	\$148,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **CRIPPEN STREET**

First Year in CIP: 2003
Project Category: Infrastructure Reconstruction
Department: Water and Wastewater

Total Project Cost: \$130,000



Project Description: Replace water and sewer infrastructure below the street surface while it is torn up. This project includes the section of Crippen Street between Mitchell Street and Hemlock Street.

Project Justification and/or Need: This street will be reconstructed this year, and it is prudent to replace underlying utility infrastructure while a street is torn up.

Project Impact/Benefit: Enhance water quality and improve the delivery of utility services.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$130,000
Total	<u>\$130,000</u>

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 - FY2022**
Project Title: **CRESTVIEW STREET**

First Year in CIP: 2013
Project Category: Infrastructure Reconstruction
Department: Water and Wastewater

Total Project Cost: \$64,000



Project Description: Replace 4" water main with 6" water main while street is reconstructed.

Project Justification and/or Need: This street will be reconstructed this year, and it is prudent to replace underlying utility infrastructure while a street is torn up.

Project Impact/Benefit: Enhance water quality and improve the delivery of utility services.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

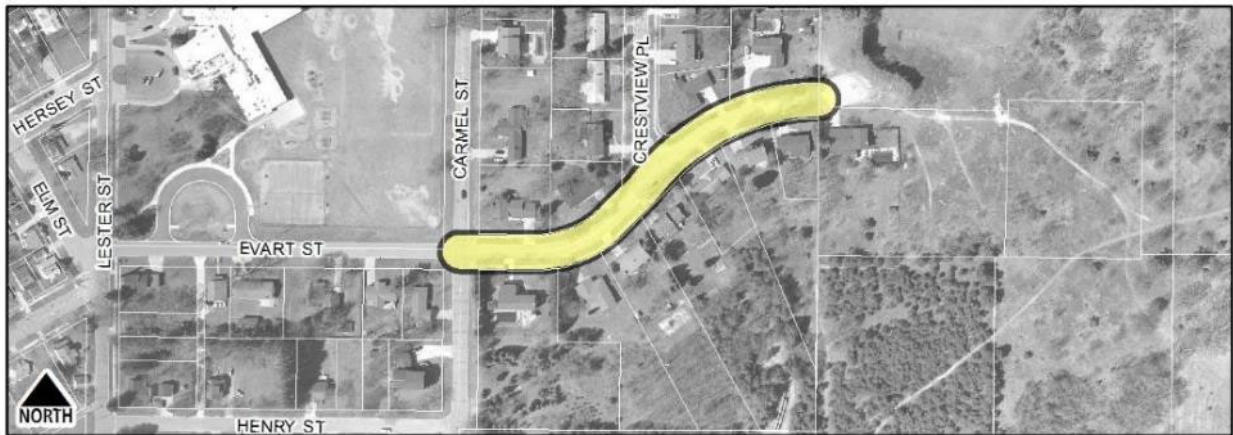
<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$64,000
Total	\$64,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 - FY2022**
Project Title: **EVART STREET**

First Year in CIP: 2013
Project Category: Infrastructure Reconstruction
Department: Water and Wastewater

Total Project Cost: \$80,000



Project Description: Replace 4" water main with 6" water main while street is reconstructed.

Project Justification and/or Need: This street will be reconstructed this year, and it is prudent to replace underlying utility infrastructure while a street is torn up.

Project Impact/Benefit: Enhance water quality and improve the delivery of utility services.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$80,000
Total	\$80,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **SIMONS STREET**

First Year in CIP: 2013
Project Category: Infrastructure Reconstruction
Department: Water and Wastewater

Total Project Cost: \$40,000



Project Description: Replace water and sewer infrastructure below the street surface while it is torn up. This project includes the section of Simons Street between E. Pine Street and E. Bremer Street.

Project Justification and/or Need: This street will be reconstructed this year, and it is prudent to replace underlying utility infrastructure while a street is torn up.

Project Impact/Benefit: Enhance water quality and improve the delivery of utility services.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$40,000
Total	\$40,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 - FY2022**
Project Title: **W. DIVISION STREET**

First Year in CIP: 2018
Project Category: Infrastructure Reconstruction
Department: Water and Wastewater

Total Project Cost: \$54,000



Project Description: Replace water and sewer infrastructure below the street surface while it is torn up. This project includes the section of W. Division Street located between Leeson Avenue and Boon Street.

Project Justification and/or Need: This street will be reconstructed this year, and it is prudent to replace underlying utility infrastructure while a street is torn up.

Project Impact/Benefit: Enhance water quality and improve the delivery of utility services.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$54,000
Total	\$54,000

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 - FY2022**
Project Title: **1/2-TON, 4X4 SERVICE TRUCK**

First Year in CIP: 2017
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$30,000

Project Description: Scheduled replacement of existing 4-wheel drive service truck.

Project Justification and/or Need: Vehicle will be 10-15 years old and in need of replacement.

Project Impact/Benefit: Maintenance costs will be reduced as aged vehicles are upgraded.

Operating Fund Impact: Reduce maintenance costs \$1,000 per year.

Funding Source(s) for this Project:

Funding Source

Operating Revenues

Total

Amount

\$30,000

\$30,000



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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 - FY2022**

Project Title: **1-TON, 4X4 SERVICE TRUCK WITH PLOW AND HOIST**

First Year in CIP: 2017
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$45,000

Project Description: Scheduled replacement of existing 4-wheel drive service truck.

Project Justification and/or Need: Vehicle will be 10-15 years old and in need of replacement.

Project Impact/Benefit: Maintenance costs will be reduced as aged vehicles are upgraded.

Operating Fund Impact: Reduce maintenance costs \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$45,000
Total	\$45,000



CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 - FY2022**
Project Title: **INFLUENT SCREW PUMP**

First Year in CIP: 2017
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$140,000

Project Description: Replace worn screw pump, reducer and motor.

Project Justification and/or Need: Old screw pump will no longer keep up with influent flow.

Project Impact/Benefit: Ensure durability and reliability of system that pumps waste water into facility to be treated; reduce risk of backups.

Operating Fund Impact: Reduce maintenance costs \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$140,000
Total	\$140,000

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 - FY2022**
Project Title: **LAB COUNTER REPLACEMENT**

First Year in CIP: 2017
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$15,000

Project Description: Replacement of counter tops in laboratory.

Project Justification and/or Need: Facility still has original countertops; portions are aged and damaged and cannot be resurfaced.

Project Impact/Benefit: Solid surface countertops would not harbor bacteria that they come into contact with on a daily basis; enhance general aesthetics of facilities.

Operating Fund Impact: \$0.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$15,000
Total	\$15,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 - FY2022**
Project Title: **PORTABLE GENERATOR**

First Year in CIP: 2017
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$60,000

Project Description: Replace old generator with a new, portable 100kw generator for emergency backup power.

Project Justification and/or Need: In the event of a power outage, need to power lift stations that don't currently have backup power.

Project Impact/Benefit: Safety, health and welfare of community and system users in the event of a power outage.

Operating Fund Impact: Prevention of backups in the event of a power outage would save thousands of dollars in private damages; minimal impact on operating budget.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$60,000
Total	\$60,000

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 - FY2022**
Project Title: **STORAGE BARN**

First Year in CIP: 2016
Project Category: Building Construction
Department: Water and Wastewater

Total Project Cost: \$35,000

Project Description: Construct new storage building to replace old shed that is undersized and aging.

Project Justification and/or Need: New storage building will provide covered storage for equipment and supplies.

Project Impact/Benefit: Additional storage will aid in prolonging the life of equipment and supplies.

Operating Fund Impact: Reduced equipment maintenance and scrapping damaged supplies could provide an estimated \$500 to \$1,000 in cost savings per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$35,000
Total	\$35,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 - FY2023**
Project Title: **LINDEN STREET**

First Year in CIP: 2018
Project Category: Infrastructure Reconstruction
Department: Water and Wastewater

Total Project Cost: \$44,000



Project Description: Replace water and sewer infrastructure below the street surface while it is torn up. This project includes the section of Linden Street located between W. Division Street and Arthur Street

Project Justification and/or Need: This portion of the street will be reconstructed this year, and it is prudent to replace underlying utility infrastructure while a street is torn up.

Project Impact/Benefit: Enhance water quality and improve the delivery of utility services.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$44,000
Total	\$44,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 - FY2023**
Project Title: **N. SIMONS STREET**

First Year in CIP: 2018
Project Category: Infrastructure Reconstruction
Department: Water and Wastewater

Total Project Cost: \$37,500



Project Description: Replace water and sewer infrastructure below the street surface while it is torn up. This project includes the section of Simons Street located between Mason Street and E. Cass Street.

Project Justification and/or Need: This portion of the street will be reconstructed this year, and it is prudent to replace underlying utility infrastructure while a street is torn up.

Project Impact/Benefit: Enhance water quality and improve the delivery of utility services.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$37,500
Total	\$37,500

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 - FY2023**
Project Title: **1/2-TON, 4X4 SERVICE TRUCK**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$25,000

Project Description: Scheduled replacement of existing 4-wheel drive service truck.

Project Justification and/or Need: Vehicle will be 10-15 years old and in need of replacement.

Project Impact/Benefit: Maintenance costs will be reduced as aged vehicles are upgraded.

Operating Fund Impact: Reduce maintenance costs \$1,000 per year.

Funding Source(s) for this Project:

Funding Source

Operating Revenues

Total

Amount

\$25,000

\$25,000



CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 - FY2022**

Project Title: **GAS STORAGE AND ENERGY PRODUCTION**

First Year in CIP: 2017
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$600,000

Project Description: Gas holding system and gas generators installed to burn bio gas that is currently being flared off. Generators also produce hot water to heat sludge currently heated by a boiler.

Project Justification and/or Need: Electricity savings and utilization of wasted gas.

Project Impact/Benefit: Eliminate to flare off guess in the environment; reduce utility costs.

Operating Fund Impact: To be determined.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$600,000
Total	<u>\$600,000</u>

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 - FY2023**

Project Title: **EXTERIOR DOOR/WINDOW REPLACEMENT (WWTP)**

First Year in CIP: 2018
Project Category: Building
Department: Water and Wastewater

Total Project Cost: \$115,000

Project Description: Energy efficient replacement of doors and windows.

Project Justification and/or Need: The existing doors and windows leak excessively and do not operate properly.

Project Impact/Benefit: Energy savings, enhanced appearance of public facility.

Operating Fund Impact: Energy savings could save approximately \$500 per year in utility costs.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$115,000
Total	<u>\$115,000</u>

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 - FY2023**
Project Title: **KUBOTA TRACTOR**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$25,000

Project Description: New Kubota tractor to replace aging one currently in service.

Project Justification and/or Need: Used to move snow, pull finish mower, scrape drying beds and move heavy objects.

Project Impact/Benefit: Modern and safe equipment makes jobs more efficient and safer for operators.

Operating Fund Impact: Reduced maintenance costs of \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$25,000
Total	\$25,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 - FY2023**

Project Title: **SUBMERSIBLE HYDRAULIC PUMP**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$90,000

Project Description: Replace aging submersible hydraulic pump with new submersible hydraulic pump and accessories.

Project Justification and/or Need: Hydraulic pump is used for routine maintenance, tank dewatering, street pumping and in emergency situations where water must be moved.

Project Impact/Benefit: Enhances safety and welfare of the community.

Operating Fund Impact: Minimal decrease in annual repair and maintenance costs.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$90,000
Total	<u>\$90,000</u>



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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 - FY2023**
Project Title: **NEW CONTROL PANEL**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$100,000

Project Description: Replace main control panel at the Waste Water Treatment Plan as the existing panel is dated and a new panel will provide more efficient plant process control.

Project Justification and/or Need: Aging control panel needs complete replacement.

Project Impact/Benefit: Continued optimum process of the plant.

Operating Fund Impact: Reduced maintenance, increased efficiency in operations.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$100,000
Total	\$100,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 - FY2023**
Project Title: **PUSH SEWER CAMERA**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$13,500

Project Description: Purchase sewer push camera, 200' cable assembly with Sonde location device.

Project Justification and/or Need: Current camera is inoperable at times and needs maintenance. Camera has been in use for 15 years and has reached the end of its useful life.

Project Impact/Benefit: Better picture, lights and DVD recording capability. Able to trace Sonde to pinpoint problem area. Reduce cost to plumbers for small televising work. Accuracy to dig directly to problem.

Operating Fund Impact: Reduced maintenance costs; reduced repair costs due to more efficient and accurate equipment.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$13,500
Total	<u>\$13,500</u>



CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 - FY2023**
Project Title: **MANHOLE REHABILITATION**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$25,000

Project Description: Rehabilitate existing sanitary manholes with an epoxy spray liner to extend life. This will be an ongoing project where manholes in most urgent need of repair and rehabilitation will be identified and addressed as funding allows. It is estimated that each manhole will cost between \$2,500 and \$5,000 to rehabilitate.



Project Justification and/or Need: Rehabilitation of existing structures will ensure the structural integrity of aging manholes thereby preventing collapse and enhancing access and worker safety.

Project Impact/Benefit: Project will help reduce the number of sewer back-up claims and ensure compliance with all DEQ regulations.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year and reduce overtime calls and sewer claims.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$25,000
Total	\$25,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 - FY2023**
Project Title: **WATER WELL MAINTENANCE**

First Year in CIP: 2018
Project Category: Infrastructure Repair
Department: Water and Wastewater

Total Project Cost: \$25,000

Project Description: Crosby Road well system will have been online for five (5) years. This project would be beginning of rotation of annual well inspections so that each well is inspected every 5-6 years. Inspection would cost an estimated \$10,000 with the remainder of project costs resulting from potential repairs or parts replacement.

Project Justification and/or Need: A 6-year inspection cycle ensures that each well is regularly inspected for potential problems. This preventative maintenance schedule will improve the life cycle of the well system and ensure that the wells are able to continually provide water to the system.



Project Impact/Benefit: Costly repairs can result from a failure to regularly engage in preventative maintenance activities with infrastructure assets like the City's well system.

Operating Fund Impact: Reduce minor maintenance costs by \$1,000 per year due and reduce chances for catastrophic failures or major repair costs.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$25,000
Total	\$25,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 - FY2024**
Project Title: **ELMER STREET**

First Year in CIP: 2018
Project Category: Infrastructure Reconstruction
Department: Water and Wastewater

Total Project Cost: \$76,000



Project Description: Replace water and sewer infrastructure below the street surface while it is torn up. This project includes the section Elmer Street located between Waldo Street and Linden Street.

Project Justification and/or Need: This portion of the street will be reconstructed this year, and it is prudent to replace underlying utility infrastructure while a street is torn up.

Project Impact/Benefit: Enhance water quality and improve the delivery of utility services.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$76,000
Total	\$76,000

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3- FY2024**

Project Title: **MAJOR BUILDING EXTERIOR REPAIRS**

First Year in CIP: 2016
Project Category: Infrastructure Reconstruction
Department: Water and Wastewater

Total Project Cost: \$175,000

Project Description: Project will repair and refinish building exterior(s) to prevent further brick decay and damage.

Project Justification and/or Need: Exterior brick needs to be surfaced to save it from further degradation.

Project Impact/Benefit: Enhance employee safety, building integrity, and building appearance.

Operating Fund Impact: Reduce maintenance costs to repair damaged sections.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$175,000
Total	<u>\$175,000</u>

WATER AND WASTEWATER

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3- FY2024**

Project Title: **VISITOR/CLIENT ENTRANCE - WWTP**

First Year in CIP: 2018
Project Category: Building
Department: Water and Wastewater

Total Project Cost: \$95,000

Project Description: Remodel the visitor/client entrance to WWTP; new gate, driveway, ramp/stairs, secure door, customer service window.

Project Justification and/or Need: Need to restrict general public access to operational areas of the WWTP and laboratory; existing potential hazards. Also, project will create a more pleasant customer and public interface.

Project Impact/Benefit: Reduce customer/public liability due to (current) unrestricted access to laboratory and plant hazards.

Operating Fund Impact: Should not impact operating budget.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$95,000
Total	\$95,000

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3- FY2024**
Project Title: **1/2-TON, 4X4 SERVICE TRUCK**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$30,000

Project Description: Scheduled replacement of existing 4-wheel drive service truck.

Project Justification and/or Need: Vehicle will be 10-15 years old and in need of replacement.

Project Impact/Benefit: Maintenance costs will be reduced as aged vehicles are upgraded.

Operating Fund Impact: Reduce maintenance costs \$1,000 per year.

Funding Source(s) for this Project:

Funding Source

Operating Revenues

Total

Amount

\$30,000

\$30,000



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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3- FY2024**
Project Title: **PISTON PUMP REPLACEMENT**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$25,000

Project Description: Repair or replace existing pump, as it is due for an upgrade.

Project Justification and/or Need: This pump is used in the biosolids handling building and is nearing the end of its useful life.



Project Impact/Benefit: Needed for the solid handling process.

Operating Fund Impact: Reduced maintenance, increased efficiency.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$25,000
Total	\$25,000

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3- FY2024**
Project Title: **BACKHOE**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$123,000

Project Description: Replace 2002 JCB with a new backhoe

Project Justification and/or Need: Current JCB tractor/backhoe has been in service for 15years. Utilities currently operates two backhoes, a 2002 and 2014 model. The 2002 will be replaced and either traded or sold at auction.

Project Impact/Benefit: Maintenance costs of aged equipment will be eliminated with departmental efficiency being enhanced.

Operating Fund Impact: Reduce maintenance costs.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$123,000
Total	\$123,000



CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3- FY2024**
Project Title: **MANHOLE REHABILITATION**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$25,000

Project Description: Rehabilitate existing sanitary manholes with an epoxy spray liner to extend life. This will be an ongoing project where manholes in most urgent need of repair and rehabilitation will be identified and addressed as funding allows. It is estimated that each manhole will cost between \$2,500 and \$5,000 to rehabilitate.



Project Justification and/or Need: Rehabilitation of existing structures will ensure the structural integrity of aging manholes thereby preventing collapse and enhancing access and worker safety.

Project Impact/Benefit: Project will help reduce the number of sewer back-up claims and ensure compliance with all DEQ regulations.

Operating Fund Impact: Reduce minor maintenance costs by \$500 per year and reduce overtime calls and sewer claims.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$25,000
Total	\$25,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3- FY2024**
Project Title: **WATER WELL MAINTENANCE**

First Year in CIP: 2018
Project Category: Infrastructure Repair
Department: Water and Wastewater

Total Project Cost: \$25,000

Project Description: Crosby Road well system will have been online for five (5) years. This project would be beginning of rotation of annual well inspections so that each well is inspected every 5-6 years. Inspection would cost an estimated \$10,000 with the remainder of project costs resulting from potential repairs or parts replacement.

Project Justification and/or Need: A 6-year inspection cycle ensures that each well is regularly inspected for potential problems. This preventative maintenance schedule will improve the life cycle of the well system and ensure that the wells are able to continually provide water to the system.



Project Impact/Benefit: Costly repairs can result from a failure to regularly engage in preventative maintenance activities with infrastructure assets like the City's well system.

Operating Fund Impact: Reduce minor maintenance costs by \$1,000 per year due and reduce chances for catastrophic failures or major repair costs.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$25,000
Total	\$25,000

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 - FY2025**
Project Title: **TWO (2) SERVICE TRUCKS**

First Year in CIP: 2019
Project Category: Vehicles
Department: Water and Wastewater

Total Project Cost: \$60,000

Project Description: Scheduled replacement of two (2) existing 4-wheel drive service trucks.

Project Justification and/or Need: Vehicles will be 10-15 years old and in need of replacement.

Project Impact/Benefit: Maintenance costs will be reduced as aged vehicles are upgraded.

Operating Fund Impact: Reduce maintenance costs \$1,000 per year.



Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$60,000
Total	\$60,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 - FY2025**
Project Title: **TYPE I WATER SYSTEM**

First Year in CIP: 2019
Project Category: Equipment
Department: Water and Wastewater

Total Project Cost: \$15,000

Project Description: Replace or rebuild Type I water system for both General and WWTP laboratories.

Project Justification and/or Need: Current Reverse Osmosis(RO)/De-Ionized Type I water systems were purchased in 2014. Their estimated lifespan is 10-12 years (3 RO membrane replacement cycles). Anticipating a need to rebuild and/or replace a significant portion of both systems at that point.

Project Impact/Benefit: Type I water is a requirement of laboratory operation.

Operating Fund Impact:

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$15,000
Total	<u>\$15,000</u>



CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 - FY2025**
Project Title: **ANAEROBIC DIGESTER CLEANING**

First Year in CIP: 2019
Project Category: Utilities Infrastructure
Department: Water and Wastewater

Total Project Cost: \$75,000

Project Description: Clean and inspect anaerobic digesters.

Project Justification and/or Need: Removal of excess grit and other undesired material that has accumulated over time.

Project Impact/Benefit: Removal of undesired material uses up space that could be used for better digestion of sludge, resulting in a better biosolids.



Operating Fund Impact: Cleaning could reduce the amount of grit making it into the biosolids holding tanks. Biosolids is costly to haul and reduction of grit could save on overall hauling cost.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$75,000
Total	\$75,000

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 - FY2025**
Project Title: **PLANT-WIDE PHONE SYSTEM**

First Year in CIP: 2019
Project Category: Technology
Department: Water and Wastewater

Total Project Cost: \$18,000

Project Description: Phone system plant-wide, with paging capacity, voice mail and answering in various locations within plant grounds.

Project Justification and/or Need: The existing phone is available only in plant offices and not other buildings like the maintenance shop and Bio building.

Project Impact/Benefit: Enhance communications between various buildings on the campus of the plant, additional safety of workers at remote buildings around the plant.

Operating Fund Impact: No significant impact.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$18,000
Total	\$18,000

DRAFT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 - FY2025**
Project Title: **TELEVISED INSPECTION TRAILER**

First Year in CIP: 2019
Project Category: Heavy Equipment
Department: Water and Wastewater

Total Project Cost: \$225,000

Project Description: Sewer camera and trailer to perform televised inspections of the City's sewer system.

Project Justification and/or Need: To provide a more efficient way of monitoring the City's sanitary and storm sewer systems.

Project Impact/Benefit: Prevention of costly sewer repairs, and assistance with the accurate identification of potential problem areas within these systems.

Operating Fund Impact: Reduced maintenance, and cost of contracting an outside company to televise for the City.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$225,000
Total	\$225,000



DRAFT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 - FY2025**

Project Title: **TWO (2) RIDING LAWN MOWERS**

First Year in CIP: 2019
Project Category: Equipment
Department: Water and Wastewater

Total Project Cost: \$30,000

Project Description: Replace existing aging zero turn mowers.

Project Justification and/or Need: Several acres of lawn at the WWTP and lift stations to mow.

Project Impact/Benefit: Enable staff to continue to maintain grounds in an efficient manner without down time caused by equipment repair issues.

Operating Fund Impact: Reduced maintenance and time spent mowing.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$30,000
Total	\$30,000



DRAFT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 - FY2025**

Project Title: **CONSTRUCTION/JOB CARGO TRAILER**

First Year in CIP: 2020
Project Category: Equipment
Department: Water and Wastewater

Total Project Cost: \$7,500

Project Description: Purchase new construction/job cargo trailer.

Project Justification and/or Need: Construction/job cargo trailer set up with tools and parts needed for construction/road closures and emergency repairs would increase efficiency and reduce response time to issues within the system.

Project Impact/Benefit: Parts and tools necessary for maintenance in one place, everything accessible at a safe and obtainable level.

Operating Fund Impact: Reduce travel time for parts, tools and road closure signs.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$7,500
Total	\$7,500

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 - FY2025**
Project Title: **SEWER LINING**

First Year in CIP: 2019
Project Category: Utilities Infrastructure
Department: Water and Wastewater

Total Project Cost: \$500,000

Project Description: Rehabilitate 5,000 linear feet of sanitary sewer main with a fiberglass liner.

Project Justification and/or Need: Sewer mains have water infiltration, holes and are aging. Lining will extend the life of the pipes without the need to tear up roads to replace pipes.

Project Impact/Benefit: Lining sewer mains in these specific areas are more cost effective than replacing with new pipe.

Operating Fund Impact: Save electricity and maintenance cost for pumping and treating water infiltration.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$500,000
Total	\$500,000

DRAFT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 - FY2025**
Project Title: **WWTP HANDRAIL REPLACEMENT**

First Year in CIP: 2019
Project Category: Building
Department: Water and Wastewater

Total Project Cost: \$100,000

Project Description: Handrail replacement for the aeration, primary, secondary, secondary, flocculation tank and the grit tank.

Project Justification and/or Need: Upgrade rails to OSHA standards, improve safety, use of aluminum railing as opposed to existing steel railing.

Project Impact/Benefit: Safety of the workers and visitors around the plant.

Operating Fund Impact: No significant impact.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$100,000
Total	<u>\$100,000</u>



CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 - FY2026**
Project Title: **ANALYTICAL LAB BALANCE**

First Year in CIP: 2017
Project Category: Equipment Replacement
Department: Water and Wastewater

Total Project Cost: \$10,000

Project Description: Replace analytical balance in wastewater laboratory.

Project Justification and/or Need: Reliable measurements are critical for accurate results for solids, suspended solids, and volatile suspended solids analysis. There are required parameter for these results for the City's NPDES permit and for process control. Current balance will be over fifteen years old when replaced.

Project Impact/Benefit: Ensure accurate measurements for testing.

Operating Fund Impact: Reduce maintenance costs \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$10,000
Total	\$10,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 - FY2026**
Project Title: **WASTEWATER/LAB FUME HOODS**

First Year in CIP: 2020
Project Category: Equipment
Department: Water and Wastewater

Total Project Cost: \$35,000

Project Description: Replace/rehabilitate wastewater and general lab fume hoods.

Project Justification and/or Need: The most recent full replacement took place in 1996 with refurbish in 2016 and 2018. The units are approaching 30 years old. There are a lot of acids used in these hoods and it is eating away at the interior structure of the hoods. The fan systems are currently working well, so perhaps only the interior will need to be replaced.

Project Impact/Benefit: A properly working fume hood will keep harmful vapors from entering the lab and negatively affecting the lab staff's health and lab materials.

Operating Fund Impact: An employee illness/injury would cost money in lost time, insurance rates, possible lawsuits, etc. Acid degradation of materials in the lab means they have to be replaced at a cost.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$35,000
Total	<u>\$35,000</u>

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 - FY2026**
Project Title: **TRANSFORMER REPLACEMENT**

First Year in CIP: 2020
Project Category: Equipment
Department: Water and Wastewater

Total Project Cost: \$20,000

Project Description: Replace old 750 KVA transformer with a new 500 KVA transformer.

Project Justification and/or Need: Old transformer has had multiple leaks repaired and needs replaced.

Project Impact/Benefit: Protect against power outages due to equipment failure and to ensure safe and efficient operations.

Operating Fund Impact: All the power runs through the transformer and if it were to fail it could cost a tremendous amount of money to change in an emergency.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$20,000
Total	\$20,000

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 - FY2026**
Project Title: **AQUA DISK UPGRADE**

First Year in CIP: 2020
Project Category: Equipment
Department: Water and Wastewater

Total Project Cost: \$55,000

Project Description: Upgrade outdated Human Interface Modules and PLC's on the aqua disk cloth filters.

Project Justification and/or Need: Equipment that is critical to the treatment process needs to be kept up to date and working properly. Regular replacement is important.

Project Impact/Benefit: Regularly updating equipment will help ensure that the water treatment operations consistently operate with no downtime and optimal efficiency and safety.

Operating Fund Impact: Reduced unplanned maintenance cost and efficient operation.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$55,000
Total	\$55,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 - FY2026**

Project Title: **CHANNEL MONSTER REPLACEMENT**

First Year in CIP: 2020
Project Category: Equipment
Department: Water and Wastewater

Total Project Cost: \$45,000

Project Description: Replace old channel monster with new channel monster.

Project Justification and/or Need: The old channel monster which chews up solids prior to entering the treatment stages is worn and aging.

Project Impact/Benefit: Regularly updating equipment will help ensure that the water treatment operations consistently operate with no downtime and optimal efficiency and safety.

Operating Fund Impact: Reduced maintenance cost of unplugging pumps and removing accumulated solids throughout the plant.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$45,000
Total	\$45,000

DRAFT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 - FY2026**

Project Title: **MAIN WWTP BUILDING ROOF REPLACEMENT**

First Year in CIP: 2020
Project Category: Building
Department: Water and Wastewater

Total Project Cost: \$50,000

Project Description: Remove aging rubber membrane roof and replace it with a new membrane roof and drain boots.

Project Justification and/or Need: The current leaking roof is in dire need of replacement.

Project Impact/Benefit: A fully functioning roof is critical to protecting the assets within the building as well as the employees that work in the facility.

Operating Fund Impact: Eliminate costly repairs of \$2,000 - \$5,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$50,000
Total	\$50,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 - FY2026**

Project Title: **ULTRAVIOLET SYSTEM UPGRADE**

First Year in CIP: 2020
Project Category: Equipment
Department: Water and Wastewater

Total Project Cost: \$110,000

Project Description: Upgrading outdated UV equipment so it operates properly.

Project Justification and/or Need: UV is a crucial part of the treatment process and needs to be upgraded.

Project Impact/Benefit: Regularly updating equipment will help ensure that the water treatment operations consistently operate with no downtime and optimal efficiency and safety.

Operating Fund Impact: Lower monthly electrical cost and semi-annual bulb replacements.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$110,000
Total	\$110,000

DRAFT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 - FY2026**
Project Title: **COMPACT TRACTOR**

First Year in CIP: 2020
Project Category: Equipment
Department: Water and Wastewater

Total Project Cost: \$30,000

Project Description: Purchase new compact tractor.

Project Justification and/or Need: Compact tractor for well field mowing, yard/site work, light snow removal. Currently borrow a tractor to do this work which is not always available.

Project Impact/Benefit: Enhance ability to maintain the appearance of both well fields, work for moving parts around.

Operating Fund Impact: Increase routine maintenance and fuel costs slightly.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$30,000
Total	\$30,000

DRAFT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 - FY2026**

Project Title: **TWO (2) ½-TON SERVICE TRUCKS**

First Year in CIP: 2020
Project Category: Vehicles
Department: Water and Wastewater

Total Project Cost: \$60,000

Project Description: Scheduled replacement of two (2) existing 4-wheel drive service trucks.

Project Justification and/or Need: Vehicles will be approximately 10 years old and in need of replacement.

Project Impact/Benefit: Maintenance costs will be reduced as aged vehicles are upgraded.

Operating Fund Impact: Reduce maintenance costs \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$60,000
Total	\$60,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 - FY2026**

Project Title: **SEWER LINING**

First Year in CIP: 2020
Project Category: Utilities Infrastructure
Department: Water and Wastewater

Total Project Cost: \$500,000

Project Description: Rehabilitate 5,000 linear feet of sanitary sewer main with a fiberglass liner.

Project Justification and/or Need: Sewer mains have water infiltration, holes and are aging. Lining will extend the life of the pipes without the need to tear up roads to replace pipes.

Project Impact/Benefit: Lining sewer mains in these specific areas are more cost effective than replacing with new pipe.

Operating Fund Impact: Save electricity and maintenance cost for pumping and treating water infiltration.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$500,000
Total	\$500,000

DRAFT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 - FY2026**

Project Title: **LAKE, LEESON, LEISURE STREET PUMPS**

First Year in CIP: 2021
Project Category: Equipment
Department: Water and Wastewater

Total Project Cost: \$125,000

Project Description: Rebuild or replace main pumps in lift stations located on Lake, Leeson, and Leisure Streets.

Project Justification and/or Need: Pumps are showing wear and need to be rebuilt or replaced in order to restore pump efficiencies to where they should be.

Project Impact/Benefit: Reduce maintenance costs and protect against unexpected failures.

Operating Fund Impact: Reduce maintenance costs by \$2,500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$125,000
Total	\$125,000

DRAFT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 - FY2026**

Project Title: **LIFT STATION EXTERIOR DOORS AND WINDOWS**

First Year in CIP: 2021
Project Category: Buildings
Department: Water and Wastewater

Total Project Cost: \$85,000

Project Description:

Project Justification and/or Need:

Project Impact/Benefit:

Operating Fund Impact:

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$85,000
Total	\$85,000

WATER AND WASTEWATER

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 6 - FY2027**
Project Title: **2 SERVICE TRUCKS**

First Year in CIP: 2021
Project Category: Vehicles
Department: Water and Wastewater

Total Project Cost: \$60,000

Project Description: Replace existing service trucks.

Project Justification and/or Need: Existing trucks will be more than 10 years old and at the end of their expected useful life.

Project Impact/Benefit: Replacement helps protect the ability of the department to respond to both routine and emergency service calls.

Operating Fund Impact: Reduce maintenance costs by \$1,000 per year or more.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$60,000
Total	\$60,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 6 - FY2027**

Project Title: **SEWER LINING**

First Year in CIP: 2021
Project Category: Utilities Infrastructure
Department: Water and Wastewater

Total Project Cost: \$500,000

Project Description: Rehabilitate 5,000 linear feet of sanitary sewer main with a fiberglass liner.

Project Justification and/or Need: Sewer mains have water infiltration, holes and are aging. Lining will extend the life of the pipes without the need to tear up roads to replace pipes.

Project Impact/Benefit: Lining sewer mains in these specific areas are more cost effective than replacing with new pipe.

Operating Fund Impact: Save electricity and maintenance cost for pumping and treating water infiltration.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$500,000
Total	\$500,000

DRAFT

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 6 - FY2027**
Project Title: **HANDHELD RADIO METER READER**

First Year in CIP: 2021
Project Category: Equipment
Department: Water and Wastewater

Total Project Cost: \$10,000

Project Description: Replace a handheld reader for the water meter operation.

Project Justification and/or Need: Original unit will be 15 years old and need replaced.

Project Impact/Benefit: Enable ongoing meter reading operations.

Operating Fund Impact: Reduce minor maintenance costs by \$100 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$10,000
Total	\$10,000

WATER AND WASTEWATER

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 6 - FY2027**
Project Title: **MUFFLE FURNACE/DRYING OVEN**

First Year in CIP: 2021
Project Category: Equipment
Department: Water and Wastewater

Total Project Cost: \$8,000

Project Description: Replace muffle furnace and drying oven in the wastewater laboratory.

Project Justification and/or Need: The drying oven and muffle furnace will be 10 years old. They are both essential to the suspended solids/volatile suspended solids testing that must be done daily for the City's NPDES permit with the State of Michigan. Both are also used for drying samples for process control, industrial permits, and standardizing reagents.

Project Impact/Benefit: The department monitors suspended solids/volatile suspended solids in the effluent to make sure that the discharge is not putting too many solids into the Clam River which would have a significantly negative impact on the river.

Operating Fund Impact: A newer muffle furnace/drying oven will most likely be more energy efficient and reduce energy costs since they run 24 hours a day.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$8,000
Total	\$8,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Projects Identified – Department of Public Works

The following projects have been identified for inclusion in this six-year Capital Improvement Program.

Department of Public Works	
Year 1 - FY2022	
1-Ton Dump Truck	55,000
Riding Lawn Mower	7,500
2 - 3/4-Ton 4X4 Pickup Trucks	60,000
Year 1 - FY2022 Total	122,500
Year 2 - FY2023	
Wood Chipper	30,000
Year 2 - FY2023 Total	30,000
Year 3 - FY2024	
1-Ton Dump Truck	50,000
Four Post Column Lift	35,000
Year 3 - FY2024 Total	85,000
Year 4 - FY2025	
3/4-Ton 4X4 Pickup Truck	35,000
Year 4 - FY2025 Total	35,000
Year 5 - FY2026	
3/4-Ton 4X4 Pickup Truck	35,000
Year 5 - FY2026 Total	35,000
Department of Public Works Total	307,500

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **1-TON DUMP TRUCK**

First Year in CIP: 2016
Project Category: Equipment Replacement
Department: Stores and Garage

Total Project Cost: \$55,000

Project Description: Replace current dump truck.

Project Justification and/or Need: Replace old equipment used frequently in department operations.

Project Impact/Benefit: Maintain reliable and safe equipment to accomplish tasks and keep streets safe for our community.

Operating Fund Impact:
Decrease minor maintenance costs by \$1,000 per year and reduce downtime.



Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$55,000
Total	\$55,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **RIDING LAWN MOWER**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Stores and Garage

Total Project Cost: \$7,500

Project Description: Riding lawn mowers are used almost daily during the mowing season to mow city property and for grass and weed orders.

Project Justification and/or Need: Current unit is fifteen years old and is requiring increasing maintenance and repairs. Reliability is also a factor as the equipment ages. Maintenance costs for this equipment make purchasing a new mower the best option.

Project Impact/Benefit: A new mower with hydrostatic drive and a 52-inch floating deck will enable the street department maintenance crew to maintain city property with a high level of efficiency and productivity.



Operating Fund Impact: Reduce minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$7,500
Total	\$7,500

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **2 - ¾-TON 4X4 PICKUP TRUCKS**

First Year in CIP: 2017
Project Category: Equipment Replacement
Department: Stores and Garage

Total Project Cost: \$60,000

Project Description: Replace pickup trucks utilized daily for street maintenance activities.

Project Justification and/or Need: Pickup trucks are essential for day-to-day operations in the street department. These trucks typically remain in service for up to 12 years. The condition of older vehicles is reviewed each year, and the one in worst condition is replaced.

Project Impact/Benefit: A regular replacement schedule will help keep down repair and maintenance costs and reduce down time.



Operating Fund Impact: Reduce minor maintenance costs by \$3,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$60,000
Total	\$60,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 – FY2023**
Project Title: **WOOD CHIPPER**

First Year in CIP: 2020
Project Category: Equipment Replacement
Department: Stores and Garage

Total Project Cost: \$30,000

Project Description: Purchase a new commercial grade wood chipper to replace current equipment.

Project Justification and/or Need: Current unit will reach the end of its estimated useful life and will begin to experience maintenance issues and increased downtime for repairs.



Project Impact/Benefit: Maintain reliable and safe equipment to accomplish tasks and keep streets safe for our community.

Operating Fund Impact:
Decrease minor maintenance costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$30,000
Total	\$30,000

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**
Project Title: **1-TON DUMP TRUCK**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Stores and Garage

Total Project Cost: \$50,000

Project Description: Replace second of two (2) dump trucks.

Project Justification and/or Need: Replace old equipment used frequently in department operations.

Project Impact/Benefit: Maintain reliable and safe equipment to accomplish tasks and keep streets safe for our community.

Operating Fund Impact:
Decrease minor maintenance costs by \$1,500 per year and reduce downtime.



Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$50,000
Total	\$50,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**
Project Title: **FOUR POST COLUMN LIFT**

First Year in CIP: 2018
Project Category: New Equipment
Department: Stores and Garage

Total Project Cost: \$35,000

Project Description: Purchase and install a four-post column lift for lifting heavy equipment for maintenance.

Project Justification and/or Need: Project will enable city mechanic to lift heavy equipment for inspections and repairs, including equipment for other departmental annual inspection requirements, like fire trucks, etc.

Project Impact/Benefit: Enhances capacity of maintenance staff to perform more thorough inspections by providing adequate lighting and maneuverability to perform repairs.

Operating Fund Impact: Lift will reduce setup time prior to inspections and repairs, and could enable city mechanic to perform additional services for other departments, thereby reducing operational maintenance costs by up to \$2,000 per year.



Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$35,000
Total	\$35,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 – FY2025**
Project Title: **¾-TON 4X4 PICKUP TRUCK**

First Year in CIP: 2019
Project Category: Equipment Replacement
Department: Stores and Garage

Total Project Cost: \$35,000

Project Description: Replace pickup truck utilized daily for street maintenance activities.

Project Justification and/or Need: Pickup trucks are essential for day-to-day operations in the street department. These trucks typically remain in service for up to 12 years. The condition of older vehicles is reviewed each year, and the one in worst condition is replaced.

Project Impact/Benefit: A regular replacement schedule will help keep down repair and maintenance costs and reduce down time.



Operating Fund Impact: Reduce minor maintenance costs by \$1,500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$35,000
Total	\$35,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 – FY2026**
Project Title: **¾-TON 4X4 PICKUP TRUCK**

First Year in CIP: 2021
Project Category: Equipment Replacement
Department: Stores and Garage

Total Project Cost: \$35,000

Project Description: Replace pickup truck utilized daily for street maintenance activities.

Project Justification and/or Need: Pickup trucks are essential for day-to-day operations in the street department. These trucks typically remain in service for up to 12 years. The condition of older vehicles is reviewed each year, and the one in worst condition is replaced.

Project Impact/Benefit: A regular replacement schedule will help keep down repair and maintenance costs and reduce down time.



Operating Fund Impact: Reduce minor maintenance costs by \$1,500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$35,000
Total	\$35,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Projects Identified – Information Technology

The following projects have been identified for inclusion in this six-year Capital Improvement Program.

Information Technology	
Year 1 - FY2022	
Computer Replacement	20,000
IT Infrastructure	20,000
Wireless Project	50,000
Year 1 - FY2022 Total	90,000
Year 2 - FY2023	
Computer Replacement	20,000
Year 2 - FY2023 Total	20,000
Year 3 - FY2024	
Computer Replacement	20,000
IT Infrastructure	20,000
Year 3 - FY2024 Total	40,000
Year 4 - FY2025	
Computer Replacement	20,000
IT Infrastructure	50,000
Year 4 - FY2025 Total	70,000
Year 5 - FY2026	
Computer Replacement	20,000
IT Infrastructure	20,000
Year 5 - FY2026 Total	40,000
Year 6 - FY2027	
Computer Replacement	20,000
Year 6 - FY2027 Total	20,000
Information Technology Total	280,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **COMPUTER REPLACEMENT**

First Year in CIP: 2017
Project Category: Equipment Replacement
Department: Information Technology

Total Project Cost: \$20,000

Project Description: Replace desktop computers, laptops, and other computer hardware that has reached the end of its useful life. The estimated useful life of a business-use PC is 4 years.

Project Justification and/or Need: With nearly 70 workstations in service throughout City departments, it is prudent to annually replace a portion of them in order to avoid a huge one-year need.

Project Impact/Benefit: Replacement of computer equipment in a timely fashion increases productivity and efficiency, while also reducing maintenance costs and down time.



Operating Fund Impact: Reduce minor maintenance costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$20,000
Total	<u>\$20,000</u>

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **IT INFRASTRUCTURE**

First Year in CIP: 2017
Project Category: Equipment Replacement
Department: Information Technology

Total Project Cost: \$20,000

Project Description: General technology infrastructure updates.

Project Justification and/or Need: The City's system of IT infrastructure needs to be updated in order to minimize downtime and optimize operational efficiencies.

Project Impact/Benefit: Each department of the City relies on technology to enhance efficiency and optimize productivity. Regular updates enable the City's departments to take advantage of the latest technological advancements to improve and sustain operating capacities.

Operating Fund Impact: Reduce minor maintenance costs by \$2,500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$20,000
Total	\$20,000



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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **WIRELESS PROJECT**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Information Technology

Total Project Cost: \$50,000

Project Description:

Project Justification and/or Need:

Project Impact/Benefit:

Operating Fund Impact:

Funding Source(s) for this Project:



<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$50,000
Total	\$50,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 – FY2023**
Project Title: **COMPUTER REPLACEMENT**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Information Technology

Total Project Cost: \$20,000

Project Description: Replace desktop computers, laptops, and other computer hardware that has reached the end of its useful life. The estimated useful life of a business-use PC is 4 years.

Project Justification and/or Need: With nearly 70 workstations in service throughout City departments, it is prudent to annually replace a portion of them in order to avoid a huge one-year need.

Project Impact/Benefit: Replacement of computer equipment in a timely fashion increases productivity and efficiency, while also reducing maintenance costs and down time.



Operating Fund Impact: Reduce minor maintenance costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$20,000
Total	<u>\$20,000</u>

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**
Project Title: **COMPUTER REPLACEMENT**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Information Technology

Total Project Cost: \$20,000

Project Description: Replace desktop computers, laptops, and other computer hardware that has reached the end of its useful life. The estimated useful life of a business-use PC is 4 years.

Project Justification and/or Need: With nearly 70 workstations in service throughout City departments, it is prudent to annually replace a portion of them in order to avoid a huge one-year need.

Project Impact/Benefit: Replacement of computer equipment in a timely fashion increases productivity and efficiency, while also reducing maintenance costs and down time.



Operating Fund Impact: Reduce minor maintenance costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$20,000
Total	\$20,000

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**
Project Title: **IT INFRASTRUCTURE**

First Year in CIP: 2018
Project Category: Equipment Replacement
Department: Information Technology

Total Project Cost: \$20,000

Project Description: General technology infrastructure updates.

Project Justification and/or Need: The City's system of IT infrastructure needs to be updated in order to minimize downtime and optimize operational efficiencies.

Project Impact/Benefit: Each department of the City relies on technology to enhance efficiency and optimize productivity. Regular updates enable the City's departments to take advantage of the latest technological advancements to improve and sustain operating capacities.

Operating Fund Impact: Reduce minor maintenance costs by \$2,500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$20,000
Total	\$20,000



CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 – FY2025**
Project Title: **COMPUTER REPLACEMENT**

First Year in CIP: 2019
Project Category: Equipment Replacement
Department: Information Technology

Total Project Cost: \$20,000

Project Description: Replace desktop computers, laptops, and other computer hardware that has reached the end of its useful life. The estimated useful life of a business-use PC is 4 years.

Project Justification and/or Need: With nearly 70 workstations in service throughout City departments, it is prudent to annually replace a portion of them in order to avoid a huge one-year need.

Project Impact/Benefit: Replacement of computer equipment in a timely fashion increases productivity and efficiency, while also reducing maintenance costs and down time.



Operating Fund Impact: Reduce minor maintenance costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$20,000
Total	<u>\$20,000</u>

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 4 – FY2025**
Project Title: **IT INFRASTRUCTURE**

First Year in CIP: 2019
Project Category: Equipment Replacement
Department: Information Technology

Total Project Cost: \$50,000

Project Description: Upgrade and replace main servers.

Project Justification and/or Need: Current servers were replaced in FY19 and will have reached the end of their estimated useful lives. The City's system of IT infrastructure needs to be updated in order to minimize downtime and optimize operational efficiencies.

Project Impact/Benefit: Each department of the City relies on technology to enhance efficiency and optimize productivity. Regular updates enable the City's departments to take advantage of the latest technological advancements to improve and sustain operating capacities.

Operating Fund Impact: Reduce minor maintenance costs by \$2,500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$50,000
Total	<u>\$50,000</u>



CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 – FY2026**
Project Title: **COMPUTER REPLACEMENT**

First Year in CIP: 2020
Project Category: Equipment Replacement
Department: Information Technology

Total Project Cost: \$20,000

Project Description: Replace desktop computers, laptops, and other computer hardware that has reached the end of its useful life. The estimated useful life of a business-use PC is 4 years.

Project Justification and/or Need: With nearly 70 workstations in service throughout City departments, it is prudent to annually replace a portion of them in order to avoid a huge one-year need.

Project Impact/Benefit: Replacement of computer equipment in a timely fashion increases productivity and efficiency, while also reducing maintenance costs and down time.



Operating Fund Impact: Reduce minor maintenance costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$20,000
Total	<u>\$20,000</u>

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 5 – FY2026**
Project Title: **IT INFRASTRUCTURE**

First Year in CIP: 2020
Project Category: Equipment Replacement
Department: Information Technology

Total Project Cost: \$20,000

Project Description: General technology infrastructure updates.

Project Justification and/or Need: The City's system of IT infrastructure needs to be updated in order to minimize downtime and optimize operational efficiencies.

Project Impact/Benefit: Each department of the City relies on technology to enhance efficiency and optimize productivity. Regular updates enable the City's departments to take advantage of the latest technological advancements to improve and sustain operating capacities.

Operating Fund Impact: Reduce minor maintenance costs by \$2,500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$20,000
Total	\$20,000



CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 6 – FY2027**
Project Title: **COMPUTER REPLACEMENT**

First Year in CIP: 2021
Project Category: Equipment Replacement
Department: Information Technology

Total Project Cost: \$20,000

Project Description: Replace desktop computers, laptops, and other computer hardware that has reached the end of its useful life. The estimated useful life of a business-use PC is 4 years.

Project Justification and/or Need: With nearly 70 workstations in service throughout City departments, it is prudent to annually replace a portion of them in order to avoid a huge one-year need.

Project Impact/Benefit: Replacement of computer equipment in a timely fashion increases productivity and efficiency, while also reducing maintenance costs and down time.



Operating Fund Impact: Reduce minor maintenance costs by \$1,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Operating Revenues	\$20,000
Total	<u>\$20,000</u>

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Projects Identified – Community Development

The following projects have been identified for inclusion in this six-year Capital Improvement Program.

Community Development	
Year 1 - FY2022	
Trailhead at Cadillac Commons	450,000
Cass/Shelby/Chapin Upgrades	550,000
Year 1 - FY2022 Total	1,000,000
Year 3 - FY2024	
Carmel Street Sidewalk	75,000
Chestnut Street Sidewalk	75,000
Cobb Street Sidewalk	100,000
Pearl Street Sidewalk	100,000
Year 3 - FY2024 Total	350,000
Community Development Total	1,350,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 - FY2022**
Project Title: **TRAILHEAD AT CADILLAC COMMONS**

First Year in CIP: 2017
Project Category: Other Infrastructure
Department: Community Development

Total Project Cost: \$425,000

Project Description: The White Pine Trail will be extended from its current terminus to a new trailhead in downtown Cadillac. Improvements to public facilities at or near the new trailhead may also be necessary.

Project Justification and/or Need: Presently, the White Pine Trail ends at the intersection of South and Lake Streets. From there, users of the trail are left to determine how to get to the community's downtown landmarks and businesses. The trailhead should also be located near public restrooms and other facilities which are not present at the existing trailhead.



Project Impact/Benefit: Extending the trail into downtown Cadillac will increase awareness of its location and make it easier for residents and visitors alike to use it. This will encourage engagement in healthy physical activities.

Operating Fund Impact: Increase annual maintenance and repair costs \$1,000 to \$2,500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Local Funds	\$150,000
Rotary Club Donation	35,000
MDNR Grant	265,000
Total	<u>\$450,000</u>

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 - FY2022**
Project Title: **CASS/SHELBY/CHAPIN UPGRADES**

First Year in CIP: 2020
Project Category: Other Infrastructure
Department: Community Development

Total Project Cost: \$550,000

Project Description: In conjunction with the Cadillac Lofts project, the City will improve the area surrounding the new development with street upgrades, parking upgrades, and sidewalks.

Project Justification and/or Need: The areas surrounding this block are in need of upgrades.

Project Impact/Benefit: Project will beautify the area surrounding a new development at a core intersection within the Cadillac downtown area.

Operating Fund Impact: No impact on the operating budget.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Local Funds	\$550,000
Total	\$550,000

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**
Project Title: **CARMEL STREET SIDEWALK**

First Year in CIP: 2013
Project Category: Other Infrastructure
Department: Community Development

Total Project Cost: \$75,000

Project Description: Construct sidewalk along Carmel Street in the Franklin Elementary School area.

Project Justification and/or Need: This area sees regular foot traffic and providing this pedestrian traffic with a sidewalk would enhance safety and walkability in the area, especially for young school children that are walking to school.

Project Impact/Benefit: Enhance pedestrian safety and ease flow of foot traffic.

Operating Fund Impact: Increase minor maintenance and repair costs \$2,500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Special Assessments	\$75,000
Total	\$75,000

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CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**

Project Title: **CHESTNUT STREET SIDEWALK**

First Year in CIP: 2013
Project Category: Other Infrastructure
Department: Community Development

Total Project Cost: \$75,000

Project Description: Construct sidewalk along Chestnut Street in the Kenwood Elementary School area.

Project Justification and/or Need: This area sees regular foot traffic and providing this pedestrian traffic with a sidewalk would enhance safety and walkability in the area, especially for young school children that are walking to school.

Project Impact/Benefit: Enhance pedestrian safety and ease flow of foot traffic.

Operating Fund Impact: Increase minor maintenance and repair costs \$2,500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Special Assessments	\$75,000
Total	\$75,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**
Project Title: **COBB STREET SIDEWALK**

First Year in CIP: 2008
Project Category: Other Infrastructure
Department: Community Development

Total Project Cost: \$100,000

Project Description: Construct 1,200 feet of concrete sidewalk connecting hospital area with other medical facilities farther east on Cobb Street. Project would require significant land preparation, including retaining walls and other types of land manipulation required to make the sidewalk feasible.

Project Justification and/or Need: This area sees regular foot traffic and providing this pedestrian traffic with a sidewalk would enhance safety and walkability in the area.



Project Impact/Benefit: Enhance pedestrian safety and ease flow of foot traffic.

Operating Fund Impact: Increase minor maintenance and repair costs \$2,500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Special Assessments	\$100,000
Total	\$100,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 3 – FY2024**
Project Title: **PEARL STREET SIDEWALK**

First Year in CIP: 2008
Project Category: Other Infrastructure
Department: Community Development

Total Project Cost: \$100,000

Project Description: Construct 2,600 feet of concrete sidewalk connecting the Lakeview Lutheran Manor area with Mitchell Street. Project would require significant land preparation, including retaining walls and other types of land manipulation required to make the sidewalk feasible.

Project Justification and/or Need: This area sees regular foot traffic and providing this pedestrian traffic with a sidewalk would enhance safety and walkability in the area.

Project Impact/Benefit: Enhance pedestrian safety and ease flow of foot traffic.

Operating Fund Impact: Increase minor maintenance and repair costs \$2,500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Special Assessments	\$100,000
Total	\$100,000



CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Projects Identified – Industrial Parks

The following projects have been identified for inclusion in this six-year Capital Improvement Program.

Industrial Parks	
Year 1 - FY2022	
Entrance Signs	40,000
Year 1 - FY2022 Total	40,000
Year 2 - FY2023	
James E. Potvin Industrial Park Expansion	600,000
Year 2 - FY2023 Total	600,000
Industrial Parks Total	640,000

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 1 – FY2022**
Project Title: **INDUSTRIAL PARK ENTRANCE SIGNS**

First Year in CIP: 2013
Project Category: Industrial Development
Department: Industrial Parks

Total Project Cost: \$40,000

Project Description: Replace entrance signs to the Cadillac Industrial Parks.

Project Justification and/or Need: Current entrance signs are faded and showing age, which also increases costs to maintain the signs. New companies that have entered the park need to have their company names displayed.

Project Impact/Benefit: The visual appearance at the entrance to the parks will be enhanced and the addition of new company names will be a public benefit as well.



Operating Fund Impact: Reduce maintenance and repair costs by \$500 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Current Property Tax Revenues	\$40,000
Total	<u>\$40,000</u>

CITY OF CADILLAC
Capital Improvement Program
For the fiscal years ending June 30, 2022-2027

Program Fiscal Year: **YEAR 2 – FY2023**

Project Title: **JAMES E. POTVIN INDUSTRIAL PARK EXPANSION**

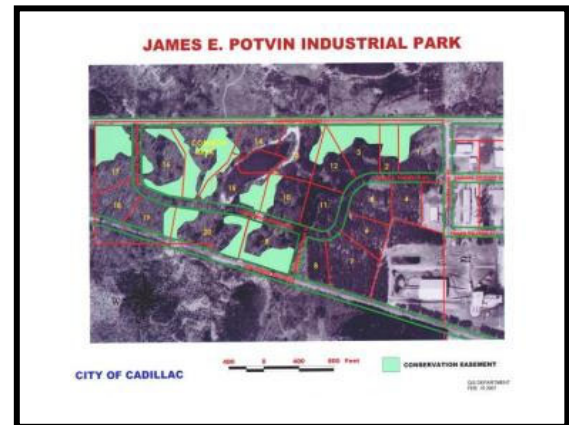
First Year in CIP: 2003
Project Category: Industrial Development
Department: Industrial Parks

Total Project Cost: \$600,000

Project Description: Phase II of the park expansion will result in the development of lots 15-20. Initial work on this project could begin in FY2019 but the majority of the work will be in Year 2 and potentially beyond. In addition, grants and other outside funding sources will be sought.

Project Details:

Water System	\$200,000
Sanitary Sewer System	80,000
Streets and Storm Water	<u>320,000</u>
Total	<u>\$600,000</u>



Project Justification and/or Need: Project will increase available industrial property through development of new infrastructure including sanitary sewer, water main, and street paving. The project will require wetlands mitigation.

Project Impact/Benefit: Project will result in additional available industrial sites.

Operating Fund Impact: Additional infrastructure and road maintenance will increase operational costs in the Street Department and Utilities by an estimated \$2,000 per year.

Funding Source(s) for this Project:

<u>Funding Source</u>	<u>Amount</u>
Local Industrial Park Funds	\$600,000
Total	<u>\$600,000</u>