

BOT

Meeting

May 12, 2022

**AGENDA
SPECIAL MEETING
CHARTER TOWNSHIP OF NORTHVILLE
BOARD OF TRUSTEES**

The Township Board of Trustees will be meeting in person. The public can attend in person or view the meeting online by visiting the Township's website at <https://twp.northville.mi.us/RemoteMeetings> . All Public Comment participation will be in person or by sending a letter to the Clerk's Office prior to the meeting for public comment; letters will be accepted via email (clerk@twp.northville.mi.us), in person at the Clerk's Office or by postal mail.

DATE: Thursday, May 12, 2022
TIME: 6:00 p.m.

CALL TO ORDER:

| | | |
|-------------------|-------------------------|-----------------------------|
| ROLL CALL: | Mark Abbo, Supervisor | Scott Frush, Trustee |
| | Roger Lundberg, Clerk | Mindy Herrmann, Trustee |
| | Jason Rhines, Treasurer | Cynthia Jankowski, Trustee |
| | | Christopher Roosen, Trustee |

PLEDGE OF ALLEGIANCE:

- 1. Public Services – Solid Waste Collection and Disposal Services**
- 2. Public Services – Legacy Park Building Demolition Contract**
- 3. Information Technology – Assembly Room Digital Audio and Video Upgrade**
- 4. Finance – 2023-2028 Capital Improvement Plan**
- 5. Brief Public Comments:** (Anyone wishing to comment on an agenda item, or any other matter, may do so at this time. Citizen Comments are requested to be limited to two minutes.)
- 6. ADJOURN:**

Respectfully submitted:
Roger Lundberg, Clerk

*Only the business listed on this agenda may be transacted unless all board members are present; then, business that might lawfully come before a regular meeting of the board may be transacted. (MCL 42.7 (4)).

This notice is posted in compliance with PA267 of 1976 as amended (Open Meetings Act), MCLA 41.72a (2) (3) and the Americans with Disabilities Act. Individuals with disabilities requiring auxiliary aids or services should contact the Charter Township of Northville Board of Trustees by calling: 248-348-8898 or E-mail address clerk@twp.northville.mi.us at least two working days in advance of the meeting.

**Board of Trustees
Request for Action**

| | |
|--|---|
| Meeting Date: | May 12, 2022 |
| Agenda Item: | Award of contract for Solid Waste Collection and Disposal services |
| Department: | Department of Public Services |
| Support & Background Information: | <p>Currently, Township residential waste collection/disposal, recycling, and yard waste collection services are provided by GFL Environmental. GFL has been providing service to the township since approximately 2017, when they acquired Rizzo Services. Our residential customers currently pay <u>\$14.00 per month</u> (\$168.00/year) for this service. Residential waste is collected weekly, and recyclable material is collected every two (2) weeks.</p> <p>The current service contract with GFL expires on June 30, 2022. In March 2022, the Public Services Department advertised a bid for our Residential Solid Waste Collection/Disposal, Recycling, and Composting program. On May 2, 2022, we received bids from three (3) qualified service providers. GFL Environmental, Waste Management, and Priority Waste all submitted bids. Bids were solicited in a unit cost per month basis, over the five year contract duration. Additionally, the bid specified that the contractor continue billing the customer directly, and that recyclables are picked up weekly.</p> <p>GFL Environmental submitted the lowest prices for our customers, as indicated in the attached spreadsheet. Additionally, the move to weekly recycling pick-up will benefit our customers and hopefully increase our recycling rates. We are also still planning to continue the four (4) day per week pick up schedule, which offers more flexibility to customers.</p> |
| Budget Impact: | There will be no budget impact, as this service is billed directly to the customer by GFL. |
| Suggested Motion: | I move to authorize a contract with GFL Environmental USA, Incorporated for solid waste collection and disposal services. The term of the contract shall be from July 1, 2022 through December 31, 2027, with costs outlined in the Agreement. |

BOT Comments/Questions:

| Follow-up: | M/S | BOARD MEMBER | YES | NO |
|------------|-----|------------------|-----|----|
| | | Abbo | | |
| | | Lundberg | | |
| | | Rhines | | |
| | | Frush | | |
| | | Herrmann | | |
| | | Jankowski | | |
| | | Roosen | | |

2022 Northville Township Solid Waste Services - Bid Tabulation (Opened 5/2/2022)

| | <u>GFL Environmental Services</u> | | <u>Priority Waste</u> | | <u>Waste Management</u> | | <u>Republic Services</u> | |
|----------------------|-----------------------------------|--------------------|-----------------------|--------------------|-------------------------|--------------------|--------------------------|--------------------|
| | <u>Alternate A</u> | <u>Alternate B</u> | <u>Alternate A</u> | <u>Alternate B</u> | <u>Alternate A</u> | <u>Alternate B</u> | <u>Alternate A</u> | <u>Alternate B</u> |
| 4-Day Pick-up | | | | | | | | |
| <u>Year</u> | <u>Alternate A</u> | <u>Alternate B</u> | <u>Alternate A</u> | <u>Alternate B</u> | <u>Alternate A</u> | <u>Alternate B</u> | <u>Alternate A</u> | <u>Alternate B</u> |
| 2022 | \$12.90 | \$12.90 | \$15.00 | \$14.75 | \$20.75 | \$20.50 | No Bid | No Bid |
| 2023 | \$12.90 | \$12.90 | \$15.00 | \$14.75 | \$21.17 | \$20.91 | No Bid | No Bid |
| 2024 | \$13.16 | \$13.16 | \$15.45 | \$15.19 | \$22.01 | \$21.75 | No Bid | No Bid |
| 2025 | \$13.48 | \$13.48 | \$15.91 | \$15.65 | \$22.89 | \$22.62 | No Bid | No Bid |
| 2026 | \$13.82 | \$13.82 | \$16.39 | \$16.12 | \$23.81 | \$23.52 | No Bid | No Bid |
| 2027 | \$14.17 | \$14.17 | \$16.88 | \$16.60 | \$24.76 | \$24.46 | No Bid | No Bid |
| 5-Day Pick-up | | | | | | | | |
| <u>Year</u> | <u>Alternate A</u> | <u>Alternate B</u> | <u>Alternate A</u> | <u>Alternate B</u> | <u>Alternate A</u> | <u>Alternate B</u> | <u>Alternate A</u> | <u>Alternate B</u> |
| 2022 | \$12.70 | \$12.70 | N/A | N/A | N/A | N/A | N/A | N/A |
| 2023 | \$12.70 | \$12.70 | N/A | N/A | N/A | N/A | N/A | N/A |
| 2024 | \$12.95 | \$12.95 | N/A | N/A | N/A | N/A | N/A | N/A |
| 2025 | \$13.28 | \$13.28 | N/A | N/A | N/A | N/A | N/A | N/A |
| 2026 | \$13.61 | \$13.61 | N/A | N/A | N/A | N/A | N/A | N/A |
| 2027 | \$13.95 | \$13.95 | N/A | N/A | N/A | N/A | N/A | N/A |

Notes:

1. Unit prices are cost per month per pick-up location (PUL).
2. Alternate A - Contractor provides billing services and invoices customers directly.
3. Alternate B - Township provides customer billing services.
4. Weekly refuse, recycling, and yard waste pick-up.
5. Current solid waste services rate (through June 30, 2022) are \$14/month/PUL

**Board of Trustees
Request for Action**

| | |
|--|---|
| Meeting Date: | May 12, 2022 |
| Agenda Item: | Legacy Park Building Demolition contract award |
| Department: | Department of Public Services |
| Support & Background Information: | <p>On March 21, 2022, a public bid request was advertised for the demolition of the remaining eleven (11) buildings on the Legacy Park property (former state psychiatric hospital site). On April 22, 2022, bids were formally received and publicly opened. We received seven (7) bids, ranging from \$7,563,015 to \$10,964,000. The two low bidders were provided questionnaires and interviewed by our design consultant, Fleis & Vandenbrink. Additionally, references, experience, and project approach were verified for each of the bidders.</p> <p>Our consultant is recommending that we award the contract to Asbestos Abatement Incorporated, the second lowest bidder, for an amount of \$8,520,400.00. This cost includes demolition of all eleven (11) remaining buildings. Details of the selection rationale are included in the attached Recommendation of Award letter, dated April 29, 2022.</p> <p>Upon approval, the contract documents will be formalized and a Notice to Proceed will be issued. We are anticipating the demolition and abatement activities will commence in late June, with a substantial completion date by the end of 2022. Also forthcoming, will be a request to approve construction administration, inspection, testing, and required air monitoring. These activities will be performed by the design team Fleis & Vandenbrink, and their sub-contractor BDN.</p> <p>The demolition and the subsequent inspections and testing are eligible expenses of the brownfield and are allowable uses of the bond proceeds. Shall the bond proceeds exceed the cost of the demolition plus ancillary costs, the remaining bond proceeds can only be spent on eligible activities of the Brownfield.</p> |
| Budget Impact: | <p>\$12M in bonds were issued in late 2021, net bond proceeds were received of \$11,917,843. The Township will pay for the demolition and ancillary costs with the bond proceeds. The demolition activity will be tracked within the Brownfield Redevelopment Authority fund. No amendments are deemed necessary.</p> |
| Suggested Motion: | <p>I move to authorize a contract with Asbestos Abatement Incorporated for an amount of \$8,520,400, plus a 5% contingency of \$426,000, for a total not-to-exceed amount of \$8,946,420. This contract will complete the demolition and asbestos abatement of the remaining eleven (11) buildings at the Legacy park property.</p> |
| BOT Comments/Questions: | |

| Follow-up: | M/S | BOARD MEMBER | YES | NO |
|-------------------|------------|---------------------|------------|-----------|
| | | Abbo | | |
| | | Lundberg | | |
| | | Rhines | | |
| | | Frush | | |
| | | Herrmann | | |
| | | Jankowski | | |
| | | Roosen | | |

Northville Demolition Bid Tabulation
Base with Alternates

| Contractor | Inner City Contracting | Asbestos Abatement | Dorr and Associates | Melching Inc. | Adamo | ET Mackenzie | Hornrich |
|---------------------------------|------------------------|--------------------|---------------------|---------------|-------------|--------------|--------------|
| Final Rank | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Buildings C, H, J, K, 3, and 17 | \$5,699,000 | \$6,439,000 | \$6,768,800 | \$6,779,000 | \$7,140,500 | \$7,980,640 | \$7,969,000 |
| Alternate A Building L: | \$411,000 | \$434,000 | \$423,600 | \$545,000 | \$468,753 | \$554,075 | \$663,000 |
| Alternate B Building M: | \$407,015 | \$469,000 | \$398,700 | \$614,000 | \$479,770 | \$610,528 | \$578,000 |
| Alternate C Building N: | \$452,000 | \$569,000 | \$583,400 | \$468,000 | \$622,455 | \$463,452 | \$820,000 |
| Alternate D Building O: | \$376,000 | \$404,000 | \$389,900 | \$457,000 | \$463,950 | \$455,703 | \$600,000 |
| Alternate E Building 14: | \$218,000 | \$205,400 | \$208,700 | \$319,000 | \$255,529 | \$355,649 | \$334,000 |
| With Alternate L | \$6,110,000 | \$6,873,000 | \$7,192,400 | \$7,324,000 | \$7,609,253 | \$8,534,715 | \$8,632,000 |
| With Alternate M | \$6,106,015 | \$6,908,000 | \$7,167,500 | \$7,393,000 | \$7,620,270 | \$8,591,168 | \$8,547,000 |
| With Alternate N | \$6,151,000 | \$7,008,000 | \$7,352,200 | \$7,247,000 | \$7,762,955 | \$8,444,092 | \$8,789,000 |
| With Alternate O | \$6,075,000 | \$6,843,000 | \$7,158,700 | \$7,236,000 | \$7,604,450 | \$8,436,343 | \$8,569,000 |
| With Alternate 14 | \$5,917,000 | \$6,644,400 | \$6,977,500 | \$7,098,000 | \$7,396,029 | \$8,336,289 | \$8,303,000 |
| With All Alternates | \$7,563,015 | \$8,520,400 | \$8,773,100 | \$9,182,000 | \$9,430,957 | \$10,420,047 | \$10,964,000 |



April 29, 2022

Bob Belair
Northville Charter Township
44405 6 Mile Road
Northville, MI 48168

RE: Recommendation of Award – Northville Psychiatric Hospital Demolition

Dear Mr. Belair,

We are writing to you regarding the award of the contract for the Demolition of Buildings C, H, J, K, 3, and 17 and Alternates for Buildings L, M, N, O, and 14 dated March 21, 2022. Bids were received by the Charter Township of Northville at the Northville Township Offices by 2:00pm on Friday April 22, 2022. The bids were publicly read and provided to us for review and recommendation.

A total of seven (7) bids were opened for the project ranging in price for the base bid from \$5,699,000 to \$7,969,000. The total bids ranged from \$7,563,015 to \$10,964,000 for the base bid including the 5 alternates.

The two lowest bidders were:
Inner City Contracting with a total bid for base plus alternates of \$7,563,015

Asbestos Abatement Inc. with a total bid for base plus alternates of \$8,520,400

We have checked references and conducted a contractor interview, documentation of the interviews and reference check are attached. Based on a review of the bidders proposed methods and approach, experience, responses to questions, and references, we recommend that the project be awarded to Asbestos Abatement, Inc. in the amount of \$8,520,400 for the base bid plus Alternates 1 through 5.

Please feel free to contact us at (616) 977-1000 if you need additional information.

Sincerely,

FLEIS & VANDENBRINK

A handwritten signature in blue ink, appearing to read 'Trevor Woollatt', is written over a light blue horizontal line.

Trevor Woollatt
Senior Project Manager/Associate

Enclosures

27725 Stansbury Blvd., Suite 195
Farmington Hills, MI 48334
P: 248.536.0080
F: 248.536.0079
www.fveng.com

CONSTRUCTION BIDDER EVALUATION NORTHVILLE

| | | |
|--------------------------------|-------------------------------|-----------------|
| Project No. 852570 | Project Name: Northville Demo | Date: 4/28/2022 |
| Bidder: Inner City Contracting | Client: Northville Township | |

| EVALUATION CHECKLIST | | |
|--|------------|-----------|
| PART ONE: Responsiveness and Responsibility | Yes | No |
| <i>Review bid forms and bid submittals prior to interview</i> | | |
| Are all bid forms and bid submittals in order, complete, and signed? | X | |
| Have all addenda been acknowledged? | X | |
| Is the Responsibility Certification completed and signed? | X | |
| Are the completed projects of similar size and complexity, and references, acceptable? | | X |
| Is the project superintendent's resume and past experience with similar projects acceptable? | | |
| Does this contractor have a satisfactory (under 1.0) Experience Modification Rate (EMR)? | X | |
| Is the company or are principal individuals on the Federal System for Award Management (http://www.SAM.gov) exclusion list? | | X |
| Does this contractor have open MIOSHA violations within the last three (3) years prior to bid opening? (http://www.osha.gov/pls/imis/establishment.html) | X | |
| <i>Interview</i> | | |
| Is your proposal mathematically correct? | X | |
| Do you have any concerns with or need clarifications of the bid documents? (If yes – attach explanation) | | X |
| Does the bid contain deviations such as substitutions or voluntary alternates? | | X |
| If there are deviations, have those deviations been reviewed? | | |
| Have you included all components for a complete project? | X | |
| Are you comfortable with your bid and your ability to complete the project within the duration specified? | X | |
| Do you understand the Soil Erosion and Sedimentation Control requirements (if any) for the project? | NA | |
| Do you understand the Special Working Conditions and Supplemental Conditions (if any) for the project? | X | |
| Do you understand substantial and final completion and liquidated damages, if any? | X | |
| Does your proposed project schedule reflect an accurate estimate of your ability to complete the work? | X | |
| Do you anticipate any difficulties obtaining your performance and payment bonds? | | X |
| Are you using the bonding capacity of any other entity (i.e. subcontractor)? | X | |
| <i>PSC and PD discuss and decide post-interview</i> | | |
| Is this contractor responsive? | X | |
| Is this contractor responsible? | X | |
| <i>Question to bidder</i> | | |
| Do you still wish your bid to remain in consideration? | X | |
| | | |

CONSTRUCTION BIDDER EVALUATION NORTHVILLE

| | | |
|--------------------------------|-------------------------------|-----------------|
| Project No. 852570 | Project Name: Northville Demo | |
| Bidder: Inner City Contracting | Client: Northville Township | Date: 4/28/2022 |

| EVALUATION CHECKLIST | | | |
|--|------------------|-------------------|-----------------------|
| PART TWO: Qualitative Components | Excellent | Acceptable | Not Acceptable |
| Interview | | | |
| How do you plan to provide communications and information for this project? | | X | |
| What is your management plan for this project? | | X | |
| Have you worked successfully with the DTMB Design and Construction Division? | NA | | |
| Have you worked successfully with the Client Agency? | NA | | |
| Have you worked successfully with the Professional Service Contractor? | NA | | |
| How many projects have you successfully completed with your principal subcontractors (if any)? _____ not worked with before _____ 1-5 X 5-10+ | | X | |
| What percentage of the project work will be self-performed? _____ 5% or less; _____ to 50%; X more than 50% | | X | |
| What other projects do you currently have under contract? (attach separate sheet) | | X | |
| Has any required specialized construction been adequately addressed? | NA | | |
| What are your primary concerns regarding the successful completion of this project? | | X | |
| How do you intend to record the project as-built documents? | NA | | |
| Is the project superintendent a permanent full-time employee of the contractor? | X | | |
| The following section only applies if these items were specifically requested for review in the bid documents. | | | |
| Was a list of subcontractors submitted? X Y ___ N | | | |
| If so, is that list acceptable? Yes | | | |
| The following section only applies if a project schedule was requested as part of the post-bidding submittals. | | | |
| Has a proposed project schedule been submitted? X Y ___ N | | | |
| Is the proposed project schedule acceptable? No due to errors with timelines | | | |
| NOTES | | | |
| General Comments: Two gentleman on camera and two not on camera. The owner was in his car. Many times Dave was telling people not to talk and let someone answer. Seemed a bit unorganized for whom to direct and answer questions. | | | |
| A few comments that were concerning regarding Potential change orders that come with the job, they were good with leaving some "meat on the bone" and when talking about the synergy as a licensed abatement contractor (Inner City) and City Abatement (Subcontractor) that they are good at the "Back door stuff", took that to mean not really following the rules. | | | |
| Schedule was recorded all incorrectly with dates not matching the estimated timeline. When told that the intent to award the base bid and all alternates and asked what that might do to the timeline, they responded that the entire project would be 10 to 12 months. Their proposal for just the base bid ranged from 12 to 14 month depending on if you look at the chart or the text of the dates. It is unlikely that this a reasonable timeline for the entire project, which indicates that not much though went into how long each building would take. | | | |
| When asked directly about nobody liking change orders and what have they identified that could be a problem they did not have an answer. | | | |
| Inner City discussed Cadillac stamping which was not in their submittal as similar project. They did not provide other projects of similar size and scope. | | | |

CONSTRUCTION BIDDER EVALUATION NORTHVILLE

Did not discuss site security, if they would employ outside security.

Did not have a firm answer regarding working hours and indicated that they may work 6 days a week in the summer if they need to in order to keep timeline. May indicate last minute working weekends and holidays and those would have to be notified for in advance.

Did provide adequate response, method, and scope for daily reporting and tracking project metrics

It felt a bit like we were being told what we should be told and not necessarily what may happen.

Citations:

When asked in general to talk about citation history, Dave said that they have "no violations in our history" as a company. He repeated this. When asked about the Current OSHA citation for asbestos from this year, he then said that they don't have any citations that have an effect on the building owner. Not sure that is relevant since we asked about citations in general not those that could impact the building owner.

The citation was explained as only someone not wearing a respirator when working with asbestos. Since most of the work will require to be in full PPE the entire project, this is a red flag.

We asked about Go Green Contracting and City Abatement Services having the same address and both being abatement contractors. Both also having many citations and the notification history is similar for both companies. To that Dave said that City abatement is primary for the City of Detroit work and Go Green is for private work. That does not seem to be consistent with the last two years of notification to EGLE and to MiOSHA.

When asked about other projects comparable, they said over 100 clients and 900-1100 projects but that is mainly for Detroit Land Bank work which was almost entirely residential houses. When talking about larger project more similar to this project they only discussed Cadillac Stamping. The notifications include churches, small schools and mostly residential.

They provided two references, both are City of Detroit employees. Messages were left for both but no return call was received.

(Can also include additional questions specific to the project)

Signed:  April 29, 2022
Date

CONSTRUCTION BIDDER EVALUATION NORTHVILLE

| | | |
|--------------------|-------------------------------|------------------|
| Project No. 852570 | Project Name: Northville Demo | |
| Bidder: AAI | Client: Northville Township | Date: 04/28/2022 |

| EVALUATION CHECKLIST | | |
|--|------------|-----------|
| PART ONE: Responsiveness and Responsibility | Yes | No |
| <i>Review bid forms and bid submittals prior to interview</i> | | |
| Are all bid forms and bid submittals in order, complete, and signed? | X | |
| Have all addenda been acknowledged? | X | |
| Is the Responsibility Certification completed and signed? | X | |
| Are the completed projects of similar size and complexity, and references, acceptable? | X | |
| Is the project superintendent's resume and past experience with similar projects acceptable? | X | |
| Does this contractor have a satisfactory (under 1.0) Experience Modification Rate (EMR)? | X | |
| Is the company or are principal individuals on the Federal System for Award Management (http://www.SAM.gov) exclusion list? | X | |
| Does this contractor have open MIOSHA violations within the last three (3) years prior to bid opening? (http://www.osha.gov/pls/imis/establishment.html) | | X |
| <i>Interview</i> | | |
| Is your proposal mathematically correct? | X | |
| Do you have any concerns with or need clarifications of the bid documents? (If yes – attach explanation) Are there reports of existing contamination? None that are relevant to work. | X | |
| Does the bid contain deviations such as substitutions or voluntary alternates? | | X |
| If there are deviations, have those deviations been reviewed? | | |
| Have you included all components for a complete project? | X | |
| Are you comfortable with your bid and your ability to complete the project within the duration specified? | X | |
| Do you understand the Soil Erosion and Sedimentation Control requirements (if any) for the project? | NA | |
| Do you understand the Special Working Conditions and Supplemental Conditions (if any) for the project? | X | |
| Do you understand substantial and final completion and liquidated damages, if any? | X | |
| Does your proposed project schedule reflect an accurate estimate of your ability to complete the work? | X | |
| Do you anticipate any difficulties obtaining your performance and payment bonds? | | X |
| Are you using the bonding capacity of any other entity (i.e. subcontractor)? | X | |
| <i>PSC and PD discuss and decide post-interview</i> | | |
| Is this contractor responsive? | X | |
| Is this contractor responsible? | X | |
| <i>Question to bidder</i> | | |
| Do you still wish your bid to remain in consideration? | X | |
| | | |

CONSTRUCTION BIDDER EVALUATION NORTHVILLE

| | | |
|----------|---------------------|-------|
| File No. | Project Name/Phase: | Date: |
| Bidder: | PSC: | |

EVALUATION CHECKLIST

| PART TWO: Qualitative Components | Excellent | Acceptable | Not | Acceptable |
|---|-----------|------------|-----|------------|
| Interview | | | | |
| How do you plan to provide communications and information for this project? | X | | | |
| What is your management plan for this project? | X | | | |
| Have you worked successfully with the DTMB Design and Construction Division? | NA | | | |
| Have you worked successfully with the Client Agency? | NA | | | |
| Have you worked successfully with the Professional Service Contractor? | NA | | | |
| How many projects have you successfully completed with your principal subcontractors (if any)? ___ not worked with before ___ 1-5 x ___ 5-10+ | X | | | |
| What percentage of the project work will be self-performed? ___ 5% or less; ___ 6 to 50%; x ___ more than 50% | X | | | |
| What other projects do you currently have under contract? (attach separate sheet) | | X | | |
| Has any required specialized construction been adequately addressed? | NA | | | |
| What are your primary concerns regarding the successful completion of this project? | | X | | |
| How do you intend to record the project as-built documents? | NA | | | |
| Is the project superintendent a permanent full-time employee of the contractor? | X | | | |
| The following section only applies if these items were specifically requested for review in the bid documents. | | | | |
| Was a list of subcontractors submitted? X ___ Y ___ N | | | | |
| If so, is that list acceptable? Yes | | | | |
| The following section only applies if a project schedule was requested as part of the post-bidding submittals. | | | | |
| Has a proposed project schedule been submitted? x ___ Y ___ N | | | | |
| Is the proposed project schedule acceptable? Yes | | | | |

NOTES

General Comments:

AAI presented more professionally than the low bid. All on camera and sitting together and prepared. Asked for the post bid interview questions prior to interview to be prepared, indicates they are familiar with and have experience with this process.

They asked detailed questions regarding the contamination of soil, soil erosion with areas from within the demo spec listing the laboratory testing information. Very detailed and prepared.

Multiple crews but typically in one building at a time.

Did provide adequate response, method, and scope for daily reporting and tracking project metrics including providing complete spreadsheets
Provided multiple project examples of similar size and scope

They added money for 24 hour security at the site which is important for the safety of the community.

The oversight is with a project superintendent that is a Foreman from AAI to be in the trailer and oversee the other companies foreman and collect daily paperwork and attend the weekly or biweekly meetings. Michael Suty will be the Project Manager with help from Mike Busterna as Asst. PM.

Working hours are at most 5 10 hour days during demolition no holidays or weekends. Abatement will be 4 10 hour days. they may add a 5th day if

CONSTRUCTION BIDDER EVALUATION NORTHVILLE

needed. Their understanding of the level of effort was clear and this allowed them to provide realistic timelines.

They mentioned not looking for change orders and that they spent a lot of time on site in order to develop their costs.

Citation history

Have 0 in the last 5 years and inspected over 100 times with EGLE and OSHA. As for working with other abatement companies under the direction of AAI, they commented that they will hold them accountable and will have a foreman for each working group as well as an on-site superintendent. Last EGLE citation about 16 years ago.

The combined experience of the three companies they intend to use (AAI, Quality, and Trust) is over 70 years of experience which is a value add for the project and Northville Township. There is more dollar value and risk in the asbestos over demolition and having good quality control will benefit the Township. This is 80% asbestos and 20% demolition.

AAI is a company that started as abatement initially and moved into demolition and has a proven record and good recommendations for work.

I have worked with all of the companies AAI intends to bring on-site and am very familiar and confident with this team.

Provided 6 references. Was able to talk to three of the references from the larger projects. All provided excellent reviews, indicated that they were responsive and able to handle unexpected issues quickly. They indicated that the costs were as expected with few changes.

(Can also include additional questions specific to the project)

Signed: _____



April 29, 2022

Date

Northville Reference Checks

AAI

Mt. Pleasant State Psychiatric Hospital – Ryan Londrigan (AKT/EGLE)

4/27/2022 Left message 9:40am

4/27/2022, Ryan returned call, indicated his experience with AAI was very good.

Michigan State Capital – Jon Brechtelsbauer (Christman)

4/27/2022 Left message 9:45am

4/28/2022 Jon returned call. Indicated that this was a 5 year long project, that there were many unexpected things that came up which was expected. He said AAI was excellent to work with, reasonable and very responsive. Came up with solutions to problems and they could not have completed the project without them.

Sappi Papermill – Mark Oliver (Owner Rep)

4/27/2022 Left message 9:50am

Great things to say, would hire again, can really handle large projects.

Sun Chemical Buildings – James Kellington

4/27/2022 Number no longer in service

Inner City Contracting

Detroit Land Bank – Michelle Chittick

4/27/2022 Left message

City of Detroit Contracting & Procurement – Amita Clark

4/27/2022 Left message

3.

**Board of Trustees
Request for Action**

| Meeting Date: | May 12, 2022 | | | | | | | | | | | |
|--|--|---------------------|------------|-----------|-------------------------|-------|------------------------------------|--------------|------------------------|--------------|------------------|--------------|
| Agenda Item: | Assembly Room Digital Audio and Video Upgrade | | | | | | | | | | | |
| Department: | Information Technology and Communications | | | | | | | | | | | |
| Support & Background Information: | <p>The Assembly Room at Township Hall is the main meeting location for Township Boards and Commissions to meet with the public. This project will replace the existing audio equipment to improve sound quality and volume levels by upgrading the technology from an outdated analog audio system to a current digital system which includes features like noise and echo cancellation. Along with the upgrade in backend audio equipment, this project would also include new microphones and speakers. This project will also include the installation of a video system to allow for video recording and live stream for township meetings within the Assembly Room. The video system will include multiple cameras and a video control desk to manage video inputs and audio levels during the meeting.</p> <p>The Township received three bids for the Assembly Room Digital Audio and Video Upgrade project.</p> <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Company/Contractor Name</th> <th style="text-align: right;">Total</th> </tr> </thead> <tbody> <tr> <td>Integrated Smart Technologies, LLC</td> <td style="text-align: right;">\$149,000.00</td> </tr> <tr> <td>Bluewater Technologies</td> <td style="text-align: right;">\$139,436.42</td> </tr> <tr> <td>SoundCom Systems</td> <td style="text-align: right;">\$122,990.66</td> </tr> </tbody> </table> | | | | Company/Contractor Name | Total | Integrated Smart Technologies, LLC | \$149,000.00 | Bluewater Technologies | \$139,436.42 | SoundCom Systems | \$122,990.66 |
| Company/Contractor Name | Total | | | | | | | | | | | |
| Integrated Smart Technologies, LLC | \$149,000.00 | | | | | | | | | | | |
| Bluewater Technologies | \$139,436.42 | | | | | | | | | | | |
| SoundCom Systems | \$122,990.66 | | | | | | | | | | | |
| Budget Impact: | The 2022 CIP included \$85,000 towards the cost of the assembly room upgrades. Conclude to fund the remaining cost of \$37,990.66 with reserves within the capital projects fund. | | | | | | | | | | | |
| Suggested Motion: | Approve the contract from the bid vendor SoundCom Systems, in the amount not to exceed \$122,990.66. | | | | | | | | | | | |
| BOT Comments/Questions: | | | | | | | | | | | | |
| Follow-up: | M/S | BOARD MEMBER | YES | NO | | | | | | | | |
| | | Abbo | | | | | | | | | | |
| | | Lundberg | | | | | | | | | | |
| | | Rhines | | | | | | | | | | |
| | | Frush | | | | | | | | | | |
| | | Herrmann | | | | | | | | | | |
| | | Jankowski | | | | | | | | | | |
| | | Roosen | | | | | | | | | | |



CHARTER TOWNSHIP OF NORTHVILLE 2023-2028 CAPITAL IMPROVEMENT PLAN

Charter Township of Northville, Michigan. A six-year capital improvement plan (CIP) and an annual update of that plan is required under the Michigan Planning Enabling Act of 2008. The CIP identifies multi-year capital improvements and projects for purposes of long-range planning for the Township.

Capital Improvements Program

**Township of Northville, Michigan
2023-2028**

Overview

The Township of Northville's Capital Improvements Program (CIP) is a planning tool, with a goal to identify capital improvement needs over a six-year period from 2023-2028. The CIP is an opportunity to formulate strategic long-term policy decisions that extend beyond the current budget year. The CIP helps track multi-year projects that may require planning, design, land acquisition and construction. The projects identified in the CIP represent the Township of Northville's plan to serve residents and anticipate the needs of a growing and dynamic community. The following documents were considered in preparation of the CIP:

- On-Site Insight (prepared 2015)
- Pathway Gap Analysis (prepared 2022)
- Fleis & Vandenbrink Public Safety Headquarter's Study (prepared 2022)

Definition of a Capital Improvement

A capital improvement is defined as any new equipment, construction, acquisition or improvement to public lands, buildings or structures in excess of \$5,000 with a minimum life expectancy of one year. Maintenance-oriented, operational or continuous expenditures are not considered capital improvements.

The CIP allows for responsible and thoughtful planning of future major expenditures that are not necessarily financed or automatically included in the annual budgeting process. All capital projects, however, as they pertain to the definition of capital improvements above should be part of this CIP. Specifically, the purpose of the CIP is to:

- Identify and evaluate the needs for public facilities.
- Determine cost estimates for each capital project submitted.
- Determine if there will be future operating costs for such projects.
- Determine potential sources of funding for such projects.
- Adopt policies for implementing capital improvement construction.
- Anticipate and pre-plan projects with an emphasis on seizing opportunities for partnerships and alternative funding.

Charter Township of Northville, Michigan 2023-2028 Capital

Impact of Capital Budget on the Operating Budget

As new policies and programs are approved, both the operating and capital budgets are impacted. For example, an increase in service levels approved as part of the operating budget would have long-term effects on the Capital Improvements Program. Conversely, a restrictive change to the use of long-term debt would slow capital programs.

Regardless of the difference between the operating and capital budgets, the two are interdependent. Budgetary policy states that all foreseeable operating costs related to capital projects be estimated and provided for as part of the review process associated with the Capital Improvements Program. In addition, departments are required to include costs associated with operating and maintaining capital projects that are requested for the upcoming year.

Legal Basis of the Capital Improvements Program

The development and the adoption of a CIP is driven by a statutory requirement at the State level. The State of Michigan has set forth the requirement of a CIP under the Michigan Planning Enabling Act, Act 33 of 2008. The following excerpt from the Act sets forth the requirement:

"...(2) Any township may prepare and adopt a capital improvement program. However, subsection (1) is only mandatory for a township if the township alone or jointly with one or more other local units of government, owns or operates a water supply or sewage disposal system."

Planning and Benefits of the Capital Improvements Program

The CIP is first and foremost, a planning tool. It can be quite useful as a primary guide in implementing the Master Plan. With thoughtful foresight and review as a result of a CIP, the many outstanding capital projects that communities are faced with implementing every year, can be viewed as one package, rather than as small, fragmented groups or lists, with no unified sense of focus and direction.

When capital improvements begin with careful planning and study, the Township of Northville's chances for receiving state and federal grants are greatly enhanced. Some grants require the inclusion of a CIP with their application. Formulation of a CIP assists those involved to look at alternative funding mechanisms that might not have been considered before. Instead of relying on local revenue sources alone, the CIP allows the Township to think more creatively to fulfill Master Plan goals and policies. The CIP often avoids reactive planning, and instead replaces it with balanced growth initiatives.

Charter Township of Northville, Michigan 2023-2028 Capital

Program Funding

There are multiple methods available to local governments for financing capital improvement projects. Since capital improvements require large outlays of capital for any given project, it is often necessary to pursue multiple solutions for financing projects.

The Capital Improvement Plan is simply that – a plan. As such, projects are subject to change based on new or shifting service needs, special financing opportunities, or emerging needs. Because priorities can change, projects included in outward planning years are not guaranteed for funding.

General Obligation (G.O.) Bonds

These types of bonds are especially useful for financing large municipal projects such as infrastructure improvements. They require voter approval and usually are used for projects that will benefit the residents of the entire community.

When the Township sells G.O. Bonds, the purchaser is basically lending money to the Township. The amount of the bond, plus interest is repaid through property taxes that the Township, as the issuing authority, has the power to levy at the level necessary and within state guidelines to retire the debt.

A variation of the G.O. Bonds is the G.O. Limited Tax Bonds which can be repaid through tax millage. The interest rate for this type of issue is slightly higher than for the G.O. Bonds, and though voter approval is not required, a referendum period is afforded to the citizenry to challenge the proposed bond resolution.

Revenue Bonds

These bonds are generally sold as a means for constructing revenue-producing facilities such as water and sewer systems, and other such facilities that produce tolls, fees, rental charges, etc. Security for and payment of revenue bonds are typically based upon the revenue-producing facility or activity rather than the economic or taxpaying base.

Federal Grants

Funding is made available to townships through Federal grants and programs. Grants are usually subject-specific, and require application by the local government for consideration. Amounts of grants vary, and are determined by the grantor through criteria-based processes. The availability of grants is usually a competitive process, so creative and effective grant writing is crucial to receiving funding for capital improvement projects.

Charter Township of Northville, Michigan 2023-2028 Capital

Building Authority

The Township of Northville has a Building Authority that functions as a mechanism to facilitate the selling of bonds to finance public improvements. These bonds can be used as funding for buildings and recreational uses. Though voter approval is not required, a referendum period is afforded to the citizenry to challenge the proposed bond resolution. This is the mechanism used in the construction of the Township Hall.

Enterprise Funds

Enterprise funds are typically established for services such as water, sewer, recreation, and housing. Revenues are generated primarily through user charges and connection fees from those who benefit from the improvements.

Developer Contributions

Developers as part of subdivision and site planning requirements may provide infrastructure, open space and recreational facilities. Developers may contribute a share of funds to the government entity, or install the facilities themselves as local need arises, and/or during the construction process. Once completed, the local government entity may agree to maintain the facilities.

Millage

Property taxes are based upon the local millage rate. Revenue received from property taxes may be used for capital improvements, but such improvements are usually smaller scale and less expensive.

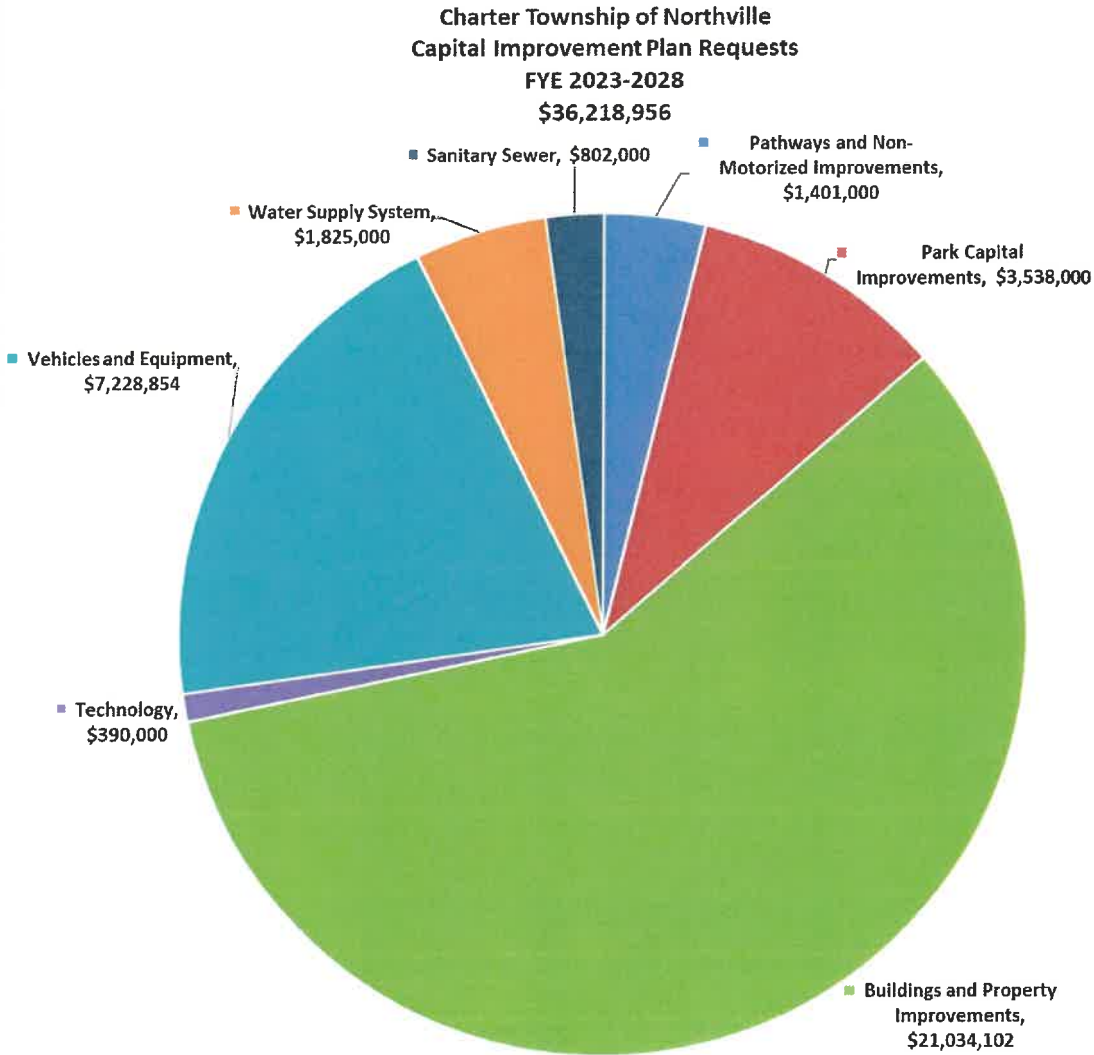
Miscellaneous Funding Options

There are additional methods that are suitable for funding capital improvements. Examples of alternative funding methods are Tax Increment Financing (TIF), Facility User Fees, etc.

Charter Township of Northville, Michigan 2023-2028 Capital

Project Summary

The projects listed in the graph below represent all projects that have been submitted and are not reflective of any approved budget amounts.



Charter Township of Northville, Michigan 2023-2028 Capital

2022-2028 Project Descriptions

The following descriptions include project summaries followed by estimated costs over the **seven-year period**.

Pathways and Non-Motorized Improvements

- 1. (2022) 10' Wide Non-Motorized Pathway (7 Mile Road, South)**
Seventy-eight hundredths of a mile (4,100 linear feet) of ten-foot wide asphalt pathway along the south side of 7 Mile Road. The project will also include approximately 100 street trees to be planted between the pathway and 7 Mile Road. The project is consistent with the adopted 7 Mile Road Master Plan. The project represents a start to the future development of the site and will provide visible improvements along 7 Mile Road. The project will require maintenance of the path and street trees.
- 2. (2022) 5' Wide Non-Motorized Pathway (6 Mile Road, East of Beck Road)**
Two tenths of a mile (943 linear feet) of five-foot wide concrete pathway on the north side of Six Mile Road, east of Beck Road. The project will fill in two small gaps and complete the section of path on the north side of 6 Mile Road, between Sheldon Road and Beck Road. The project also includes approximately 23 street trees to be planted between the pathway and 6 Mile Road. The Township will purchase the street trees with funds from the Woodland Fund, if the adjacent homeowners will accept the maintenance responsibility for them. The pathway is a high priority project based on the pathway matrix gap analysis. The required road right of way to complete the project exists. The pathway will provide access from the Hills of Crestwood subdivision to the high school, Millennium Park, and a significant portion of the Township's non-motorized pathway system. The pathway will require maintenance and repair in the future.
- 3. (2022) 5' Wide Non-Motorized Pathway (6 Mile Road, West of Beck Road)**
One tenth of a mile (600 linear feet) of five-foot wide concrete pathway on the north side of 6 Mile Road, west of Beck Road. The project will fill a small gap and complete the section of pathway on the north side of 6 Mile Road, between Beck Road and Ridge Road. The project also includes approximately 15 street trees to be planted between the pathway and 6 Mile Road. The Township will purchase the street trees with funds from the Woodland Fund, if the adjacent homeowners will accept the maintenance responsibility for them. The project will provide access to a significant portion of the Township's non-motorized pathway system for the residents of Stonewater. The pathway will require maintenance and repair in the future.
- 4. (2022) Pathway Connection to Arcadia Ridge**
This project is the installation of a limestone pathway connecting existing Linear Park pathway from Arcadia Ridge to Marv Gans Community Park internal pathway. When the Arcadia Ridge subdivision was developed, a Linear Park

Charter Township of Northville, Michigan 2023-2028 Capital

pathway was constructed through the development. The intention was to eventually connect into Community Park. Once connected to the park's internal pathways, it would allow residents to connect from Ridge Road and Six Mile through the park to Beck Road, and then go north or south to the Six or Five Mile Road pathways.

5. (2022) 10' Wide Non-Motorized Pathway (Bradner Road)

Seventy-four hundredths of a mile (3,895 linear feet) of ten-foot wide asphalt pathway on the east and west sides of Bradner Road between 5 and 6 Mile Roads (from Ladywood Drive to Norham Street on the east side and in front of Whisperwood Subdivision on the west side). The project also includes approximately 86 street trees to be planted between the pathway and Bradner Road. The Township will purchase the street trees with funds from the Woodland Replacement Fund, if the adjacent homeowners will accept the maintenance responsibility for them. The pathway is a high priority based on the pathway matrix gap analysis. With the exception of a parcel located on the west side of the road, the required right of way exists to complete this project. A non-motorized pathway in this location will provide an off road route for many kids who walk to Meads Mill Middle School and will serve several hundred households within subdivisions along Bradner Road. Bradner Road is not on any county plans for improvement in the near future and the area is already developed, so the pathway will not be done as part of a land development project. However, the full right of way is available for all but a fraction of the project area and as a result, the project can be accomplished without being removed in the future. The pathway will require maintenance and repair in the future.

6. (2022) Edenderry to Fish Hatchery Park Pathway

Approximately 500' of asphalt pathway or dedicated bike lane from Edenderry Drive to the pathway or parking lot in Fish Hatchery park.

7. (2022) 5' Wide Non-Motorized Pathway (Silver Springs Southern Portion)

Sixty-one hundredths of a mile (3,209 linear feet) of five-foot wide concrete pathway on the east side of Silver Springs Drive, between 7 Mile Road and 8 Mile Road. The pathway is a high priority project based on the pathway matrix gap analysis and will complete the section of pathway between 7 Mile Road and 8 Mile Road. The required road right of way to complete the project exists. The pathway will require maintenance and repair in the future.

8. Six Mile Road Pathway (Northville Rd to Ravines)

Approximately 1850 feet of 10' wide asphalt pathway from the existing pathway west of Willow Ridge Drive to the corner of Northville/Six Mile.

9. 10' Wide Non-Motorized Pathway (Ridge Road)

Thirty-two hundredths of a mile (1,693 linear feet) of ten-foot wide asphalt pathway on the east side of Ridge Road, south of 7 Mile Road. The project also includes approximately 42 street trees to be planted between the pathway

Charter Township of Northville, Michigan 2023-2028 Capital

and Ridge Road. The Township will purchase the street trees with funds from the Woodland Fund, if the adjacent homeowners will accept the maintenance responsibility for them. The pathway is a high priority based on the pathway matrix gap analysis. The project will fill in two gaps and complete the section of pathway on the east side of Ridge Road, between 6 Mile and 7 Mile Roads. The pathway will also provide a connection into Maybury State Park, on the south side of the park, and access to a significant portion of the Township's

10. Six Mile Road Pathway (Forest Edge to Paramount)

Approximately 880 feet of 10' asphalt pathway, that will connect the existing pathways at Paramount Subdivision and Forest Edge Court. Located on the south side of Six Mile Road, this pathway will require a pedestrian bridge over the Johnson Creek.

11. 5' Wide Non-Motorized Pathway (Silver Springs Northern Portion)

Sixty-one hundredths of a mile (3,209 linear feet) of five-foot wide concrete pathway on the east side of Silver Springs Drive, between 7 Mile Road and 8 Mile Road. The pathway is a high priority project based on the pathway matrix gap analysis and will complete the section of pathway between 7 Mile Road and 8 Mile Road. The required road right of way to complete the project exists. The pathway will require maintenance and repair in the future.

12. 10' Wide Non-Motorized Pathway (8 Mile Road)

Seventy-six hundredths of a mile (4,012 linear feet) of ten-foot wide asphalt pathway on the south side of 8 Mile Road, from Silver Springs Drive to Spring Lane. The project also includes approximately 100 street trees to be planted between the pathway and 8 Mile Road. The Township will purchase the street trees with funds from the Woodland Replacement Fund, if the adjacent homeowners will accept the maintenance responsibility for them. The pathway is a mid-range priority based on the pathway matrix gap analysis. The project will complete a significant segment along 8 Mile Road and tie into the I-275 pathway. The pathway will require maintenance and repair in the future.

13. Pathway Maintenance

General maintenance of pathways throughout the community. As the pathways throughout the community age, they will require annual maintenance and re-investment. A condition assessment and rating system will need to be completed for the pathways in order to prioritize investment.

Marv Gans Community Park Capital Improvements

14. (2022) Soccer Field Renovation - Drainage

Two soccer fields at Marv Gans Community Park do not have under drainage, resulting in wet and sometimes unplayable conditions when there is rain. This improvement would make the fields playable more frequently, and improve the mowing conditions for the fields. This project would address one field at a

Charter Township of Northville, Michigan 2023-2028 Capital

time and would require it to be "rested" so that it could be re-seeded after the drainage is installed.

15. Archery Range

Archery has developed into a popular sport in Northville since we began offering instructional classes in the fall of 2018. Several sessions per year, with multiple skills levels offered, result in almost all of them full. We also started a middle school archery team through this program. An outdoor range would allow us to expand the program to include 3D targets for hunters to practice, hold events, make rentals available, and expand our instructional program to year round, for all ages. We applied for and were awarded an MDNR grant for an outdoor range in 2019, but the federal funding was never allocated once COVID hit. This project would construct a six lane (12 shooting stations) outdoor archery range with 15' x 20' storage. Includes electrical service, lighting, sidewalk access / approach, and removal/restoration of curb and gutter.

16. Replace Play Structure (Back)

The existing play structure in the back section of Marv Gans Community Park, near the pavilion and restrooms, is 20 years old and at the end of its useful life expectancy. The replacement equipment will meet the current safety and accessibility guidelines for play structures. This is a popular park amenity, due to proximity of the picnic pavilion, restrooms, soccer fields, and adjacent residential areas. Plans involve expanding the play structure slightly to meet the demand for this location.

17. Parking Lot Mill and Resurface (East)

Mill and resurface the east parking lot (off Beck Rd.) at Marv Gans Community Park, which services the soccer and baseball / softball fields. The current parking lot is the original paving (20+ yrs.) and is in poor condition. Completing this project will increase safety of park visitors and usability of the spaces contained therein.

18. Pave Driveway Loop Connecting Back Parking Lots

Pave the driveway connecting the two back parking lots at Marv Gans Community Park. The parking lots service soccer fields and the dog park. A portion of the driveway has a stone base that is partially prepared for paving. This project will enable improved vehicular traffic flow between the two parking lots. It was planned for in the original Community Park Master Plan.

19. Marv Gans Pathway (VAN to 5 Mile Road)

Part of the planned interior pathway system at Marv Gans Community Park that will connect to the Villages of Northville (VAN) development and pathways at two locations and connect to the 5-mile road pathway. This section will complete a full loop around the park.

Charter Township of Northville, Michigan 2023-2028 Capital

20. Rewire Irrigation System and Components

The irrigation system is a critical component for field maintenance. The system in the back portion of Marv Gans Community Park, installed in 2004, will be in need of rewiring and replacement components. This rewiring and component replacement will result in better operations and improved field conditions. An updated system will also simplify future maintenance and repairs, reducing cost and time spent.

21. Basketball Courts

The Township does not currently have any basketball courts within its park system. Construct an asphalt pad large enough for two basketball courts, four goals, striping, and benches.

Millennium Park Capital Improvements

22. (2022) Skate Park

Construct a new skate park in Millennium Park, utilizing the existing parking lot and space behind the Fire Station. A skate park provides a safe environment for youth and adults who seek an alternative recreational and fitness opportunity, to other more traditional team sports. Skate parks provide fitness and mental health benefits for participants, and in particular, older youth who are looking for an outlet for their creativity and a place where they feel accepted. In addition to CIP funds, the project will be supported by community fundraising and Wayne County Park Millage Fund allocations.

23. Dugout Roofs

The current dugout roofs are chain link fencing with tarps strapped over them that frequently tear and leak. Replacing them with solid roofs will give the players some protection from the weather. Windscreens will be installed around the back and ends of the dugouts. These improvements will also help the appearance of the fields/park and support the goal of making this park and these fields a premier location to play ball and host tournaments.

24. Repair/ Replace Baseball Fencing on Fields #4, 5, 6

Repair and or replace baseball / softball fencing on fields #4, 5, 6 at Millennium Park. Add bottom rail to prevent fencing fabric from curling up and add middle rail to provide greater stability and longer life expectancy.

25. Replace Boardwalk / Bridge

The boardwalk/bridge on the east side of Millennium Park that connects Woodland South to the park will be over twenty years old and is in deteriorating condition. Replacing the original boardwalk/bridge will avoid them becoming a safety concern.

Charter Township of Northville, Michigan 2023-2028 Capital

26. Replace Play Structure

Remove and replace the east play structure at MP (35' x 100' oval), along with safety surfacing. The current play structure is over 20 years old and is beyond its useful life expectancy. The replacement equipment will meet current safety and accessibility standards.

27. Soccer Field Renovation - Drainage

Two soccer fields at Millennium Park do not have under drainage, resulting in wet and sometimes unplayable conditions when there is rain. This improvement would make the fields playable more frequently, and would improve the mowing conditions for the fields. This project would address one field at a time and would require it to be "rested" so that it could be re-seeded after the drainage is installed.

Henningsen Park Capital Improvements

28. (2022) Repair/Replace Sideline Fencing – 2 fields

This project will replace the sideline fencing for two fields in Henningsen Park with increased height, and add bottom bars along all fence lines. This will improve safety for the players and extend the replacement timeline for the fencing.

Veterans Park Capital Improvements

29. (2022) Installation of Play Equipment, Fitness Equipment, or Pavilion

This project would include the option of either play equipment, fitness equipment, or a pavilion. Veteran's Park currently is a small neighborhood passive park with a landscape area, benches, flagpole and memorial, and an open green space. In addition, the park has a natural walking trail through the woods. This project is a Homeowner's Association initiative with possible funding support.

30. Pavilion or Swings

The Township would work with the Homeowner's Association to determine the need / priority. We would construct or install either a small pavilion or set of swings.

Sheldon Road Park Capital Improvements

31. Replace Play Structure

This project is to replace the small play structure at Sheldon Road Park, which is over twenty years old. The play structure is currently the only amenity at the Sheldon Road Park and is well beyond its useful life expectancy. The replacement structure will be designed to meet current safety and accessibility standards.

Charter Township of Northville, Michigan 2023-2028 Capital

32. Sport Court

Standard asphalt basketball/multi-purpose court with two basketball goals and striping to add another recreation opportunity in the park.

Bennett Arboretum Capital Improvements

33. Pathway Boardwalk Repair

Repair the boardwalk, which is damaged regularly from fallen tree limbs. It is an elevated wooden boardwalk 275lf x 10' wide.

Coldwater Springs Park Capital Improvements

34. Parking Lot Mill and Resurface

Mill and resurface the parking lot at Coldwater Springs Park off Ridge Road. This is an anticipated need for resurfacing the parking lot at Coldwater Springs due to the age of the lot. We will explore alternate material options for this project.

35. Boardwalk Repair / Replacement

The boardwalk, constructed in 2009, will be due for major repair or replacement. It is an elevated boardwalk through sections of Coldwater Springs Nature Area / Linear Park. The budgeted amount is only partial, to be used as a set aside for full replacement in the future, or for partial replacement of a section of boardwalk.

Legacy Park

36. Park Master Plan Update

Update the Legacy Park Master Plan to identify park development priorities in order to determine improvement projects. The planning process may include a comprehensive, statistically valid community survey completed by a third party or education institution.

37. (2022) Trail Development

This project is to develop multi-purpose trails within Legacy Park, as the existing buildings are demolished and more areas are open to the public. The Legacy Park Trail Plan will identify routes for walking, hiking, biking, nature, mountain bike, and running trails. Trail development can be completed in sections, as funding is available.

38. Pavilion

Picnic pavilion with concrete flooring, electrical service, and picnic tables, available for family, group, or corporate rentals.

Charter Township of Northville, Michigan 2023-2028 Capital

39. Cricket Ground and Pitch

Open field with concrete pad for Cricket Ground/Pitch. The turf area would also be a multi-use open play area or possible even location. More than one Cricket Club has requested this project. Northville residents are members of the clubs, and they have offered funding support for the project.

40. Sand Volleyball Courts

Two sand volleyball courts with poles and nets. A new recreational activity for the park system. Planned primarily for recreational use (not leagues or tournaments) or with pavilion rentals.

41. Pickleball Courts

Pickleball has rapidly grown in popularity; we have a full schedule of open activity times for pickleball at our indoor facilities. However, we continue to get requests for outdoor courts. There are no outdoor pickleball courts in our park system. This project would construct four exclusive pickleball courts with fencing and windscreens.

42. Restrooms

Construct pre-cast concrete restroom building with all fixtures and furnishings.

43. Tennis Courts

Due to the popularity of our tennis lesson program, the courts at Fish Hatchery Park do not have much open play times available. Two new asphalt tennis courts with fencing and windscreens would be used strictly for open play. This is a community request.

Fish Hatchery Park Capital Improvements

44. (2022) Replace Play Structure

The play structure, installed in 1995, is in poor condition and no longer meets current safety and accessibility standards.

45. Storage Building with Electrical Service

Construct a new storage building which will replace the old trailer adjacent to the Fish Hatchery Park tennis courts. The building will store equipment and supplies for the tennis program and equipment for the Northville Youth Football Association. Standard storage building of either concrete or wood frame construction includes electrical service. . The project funding would be shared with the Northville Youth Football Association.

46. Resurface Tennis and Pickleball Courts

The tennis courts, installed in 1995, have low spots and significant cracking.

Charter Township of Northville, Michigan 2023-2028 Capital

Maintenance has been performed with crack fill and surface coating, but the courts will be in need of complete resurfacing. Tennis remains very popular in Northville, with a robust lesson program in spring/summer/fall.

Buildings and Property Maintenance

- 47. (2022) Comprehensive Master Plan**

Northville Township has not had a Comprehensive Master Plan update for over a decade. This document is necessary to guide the vision of the community as it continues to develop. As part of this plan, community engagement meetings will be held and the master land use plan will be updated.
- 48. (2022) Replace Carpet and Furniture in Township Hall**

The current carpeting was installed in 2005 with the original construction of the building. Replacement of the carpet flooring and furniture is recommended.
- 49. (2022) Township Hall Generator Purchase and Installation**

This scope will call for the installation of a 40KwE natural gas generator. When Township Hall was constructed in 2005, it was prepped to have a working backup generator. Township hall has the conduit and natural gas already prepped ready to go. This proposed generator would power some of the high profile equipment including the server room, elevator, boiler, and emergency lighting. Currently, Township hall has no means to provide back-up power.
- 50. (2022) Public Safety Headquarters – Renovation or Construction**

Originally constructed in 1978, the existing public safety facility has been repeatedly modified to account for changes within the Township, including a large addition in 2005. Over that time, the Township has grown significantly and with that growth has come additional strains on the resources and capabilities of the public safety department. The Township has determined that the facility is now at the point where a comprehensive assessment of its existing condition, future liability, and capacity to meet the demands of the future of public safety must be evaluated. A feasibility study is currently underway to determine the best course of action – renovation or construction.
- 51. (2022) Replace Fire Station West Flooring**

This scope will call for the complete replacement of the flooring on the west side of fire headquarters. This project would be the continuation of the current 2021 east side renovations. Currently, there is dated and failing broadloom carpet and vct tile. This proposal would include a combination of both carpet tile and LVT (luxury vinyl tile). The products are durable and have been battle tested in environments comparable to a fire station.
- 52. (2022) Replace Fire Station Alerting Systems**

An alerting system is how fire personnel are notified of incoming emergency incidents from our dispatch center. The current alerting system is now over 16

Charter Township of Northville, Michigan 2023-2028 Capital

years old and is in need of replacement. The new system is designed to integrate with our 800mhz radio system to ensure our responders are notified of all incoming emergency communication without delay. The new system will provide additional speakers and status boards throughout the station to maximize coverage.

53. (2022) Replace DPW Overhead Doors

This scope will call for the replacement of nine (9) overhead doors at the water & sewer facility including the outbuilding. This request includes all new doors, openers with Wi-Fi programming, and safety sensors. This request will pair perfectly with current replacement of the exterior man doors. This request will provide security, cosmetic, and energy saving measures.

54. (2022) DPW Building Equipment Garage Expansion

Construct a 50' by 80' addition to the equipment storage facility at the water and sewer building. Replace concrete service area and re-construct driveway. Upgrade site to meet current zoning and site requirements. In 2018 Northville Township acquired the Parks and Recreation Department from the City of Northville. The Parks maintenance operation was located in the Township's old fire station. The Township sold the old fire station property and moved the maintenance operation to the Water and Sewer Facility. This facility needs to be expanded to accommodate the additional equipment and field staff. Concrete service area is in a state of disrepair. Additionally, much of the equipment is stored outside which decreases the useable life.

55. (2022) Municipal Services Building

Development, design, planning and construction of a safe, modern, functional, centrally located Public Safety and Public Services building, inclusive of a second fire station.

56. Replace Township Hall Parking Lot Lighting with LED Fixtures

Replacement of parking lot lighting with LED fixtures at Township Hall per the On-Site Insight report dated 2015. The current lighting was completed when the building was first constructed in 2005. Ideally, this work would bid during the winter for spring / summer completion. This request would align with the organizational goal of maintaining the Township's facilities in the condition expected by the Township Board and the Northville Township Residents. This request would further align with the organization's commitment to providing an adequate, safe, clean, and properly maintained facility.

57. Replace Fire Station Water Heater in Boiler Room

This project includes the replacement of the PVI water heater in the Fire Station boiler room. This unit is reaching the end of its service life and was recommended to be replaced by our facilities maintenance as well as in the On-Site Insight Capital Needs Assessment.

58. Replace Fire Station HVAC

This scope will call for the complete replacement of the HVAC boilers and roof-

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top-units (RTU) at Fire Headquarters. The current units have been providing climate control to the station since the facility was built in 2003. The proposal consists of replacing (2) heating boilers with 95% efficient boilers that have an ROI of roughly 7 years. These units will cost a fraction in energy than their current counterparts. The proposal also includes replacing the (6) RTU's that provide air movement and cooling to the facility. This request follows the recent HVAC needs assessment that was completed this past fall.

59. Replace Township Hall HVAC

This scope will call for the complete replacement of the HVAC boilers and roof-top-units (RTU) at Township Hall. The current units have been providing climate control to Township Hall since that facility was built in 2005. The proposal consists of replacing (3) heating boilers with 95% efficient boilers that have an ROI of roughly 7 years. These units will cost a fraction in energy than their current counterparts. The proposal also includes replacing the (7) RTU's that provide air movement and cooling to the facility.

60. Replace Fire Station Overhead Doors

This scope will call for the replacement of eight (8) overhead doors at fire headquarters. The budget number includes all new doors, openers with wi-fi programming, and safety sensors. This request will pair perfectly with current replacement of the exterior main doors. This request will provide security, cosmetic, and energy saving measures

61. Replace Township Hall Roof

The Township Hall Building was constructed in 2005. On-Site Insight completed an inspection in 2015 and suggested the roof coverings should be replaced as early as 2022. A roof inspection in 2020 recommended some repairs, which were undertaken. These repairs gave some added life to the roof. Failure to fund the request could result in roof leaks that cause further deterioration of the building structure and equipment and could over time cause the building to be uninhabitable.

62. Replace Fire Station Roof

The On-Site Insight inspection in 2015 suggested the roof coverings should be replaced as early as 2022. Some repairs were undertaken in 2020, which added useful life to the current roof. This project includes replacing the Fire Station roof coverings as recommended in the capital needs assessment and replacement reserve analysis. The roof has an estimated useful life of twenty years.

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Technology

63. (2022) Private Fiber Network Project

This project opens the door to allow increased digital communications between buildings and opens opportunities for the Township to take advantage of local and regional resources available from community partners and Wayne and Oakland County. The Township is currently utilizing a leased fiber connection from AT&T. This utilization of the current connection is starting to reach its capacity and is approaching the need to increase bandwidth. The ability to increase the current bandwidth is available but comes at an increased cost. This project would eliminate the need to lease fiber moving forward, which has a project payback timeline of about three to four years. Owning private fiber will require maintenance and leasing agreements for repair and dedicated space on the utility poles on which the new private fiber lines will reside. This would build a private network connecting the Public Safety Headquarters, Township Hall, and the Fire Department Building along with an additional connection to the Northville Public High School building. This project will include running just over two miles of fiber optic cable that would become the Township's primary site-to-site network connection.

64. (2022) Community Room Digital Audio and Video Upgrade

The Community Room at Township Hall is the main meeting location for Township Boards and Commissions to meet with the public. This project would complete the original AV upgrade plan requested by the Township Board of Trustees, which started in 2018 by upgrading the visual technology. To upgrade the entire Audio system in the council chambers so the audience can hear the council members and administrative staff using the community room microphones. Upgrading the technology from an outdated audio system to a current digital audio system that will improve sound quality levels. New digital systems include features like noise and echo cancellation. Along with the upgrade in backend audio equipment, this project would also include new microphones and speakers. This project will also include the installation of a Video System to allow for video recording and live stream for township meetings within the Community Room. The video system will include multiple cameras and a video control desk to manage video inputs and audio levels during the meeting.

65. (2022) Mobile Data Computers - Police

Purchase Dell Latitude rugged Mobile Data Computers (MDC) with mounting accessories to replace and upgrade the police fleet. Current MDC's are approaching end of life and support. MDC's are required to be replaced with current and supported models within the 2022 budget year. Current Mobile Data Computers are approaching end of life (5-6 years). This upgrade will provide safe, effective, and clear communication between dispatch and officers while proactively patrolling or responding to police calls for service. The MDC's give officers field access to CLEMIS, Oakland County's Courts and Law Enforcement Management Information System.

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66. Physical Server and Network Access Storage Replacement

This project would include the purchase of redundant servers and network access storage devices to continue the current server environment and maintain a reliable disaster recovery, additional server health monitoring, and advanced site replication. The project will continue to provide redundancy of critical infrastructure by installing equipment at two separate township facilities with failover/high availability features. Updated physical servers allows for fast and a more reliable virtual server environment that would support Township applications across all departments.

67. Dispatch Workstations and West/Viper Replacement

Public Safety Answering Points (PSAPs) need tools that ensure rapid and reliable communication with other emergency responders – fire safety personnel, law enforcement, ambulance and medical personnel – to help save lives. Keeping dispatching equipment current is essential to provide quality dispatch services. A new system will ensure the public safety call handling solutions will have the integrated intelligent workstation hardware and software needed to handle all of the required dispatching capabilities in the future. Current dispatch workstations and West / Viper equipment will be reaching its seven-year useful life expectancy.

Vehicles and Equipment

68. Police Vehicle Fleet Replacement

This proposal is to replace five fleet vehicles in 2022 including two patrol vehicles, one investigative vehicle, one training vehicle, and the School Resource Officer vehicle. Estimated costs in future years include continued fleet replacement based on high mileage and high use vehicles which are prone to breakdowns at inopportune times. Maintaining a reliable fleet provides the community with the confidence that they will receive a timely response when in need of police services.

69. (2022) Soft Body Armor Bullet Proof Vests

The Police Department is contractually obligated to supply bulletproof vests to police officers. A grant exists through the Bulletproof Vest Program (BVP) in which the Office of Justice Program will pay up to 50% of the vests purchased for our officers. This grant has been applied for and has always been approved when the purchase of the vests is submitted. This purchase promotes a safe and secure community and our first responders who may be called upon to rapidly resolve high-risk incidents.

70. (2022) Replace Rescue 1 and Rescue 2 Ambulances

Fire vehicles Rescue 1 and Rescue 2 are approaching the end of reliable service life. Initially the department should realize a reduction in maintenance costs as the vehicles will be more reliable and also under warranty. Purchasing both together could secure better pricing. These ambulances are operated as front line trucks for five years and will be placed in reserve for an additional five

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years for a total of ten years of service.

- 71. (2022) Replacement of Water & Sewer Pick-Up Truck**
This is a replacement vehicle for a 2007 pickup truck with over 130,000 miles. It is used by the Foreman to ensure daily maintenance of our utility system.
- 72. (2022) Replacement of Water & Sewer Service Maintenance Truck**
This is a replacement vehicle for a service truck that was sold in 2019. This specialized vehicle has equipment necessary for repairing and replacing components of our water and sewer system.
- 73. (2022) Replacement of Caterpillar 420 Backhoe with Attachments**
The purchase of the Caterpillar 420 Backhoe with attachments is necessary for maintenance of our township infrastructure. This purchase will replace an outdated, underpowered 2001 New Holland backhoe.
- 74. Light Duty Trucks 4x4, Midsize (Facilities)**
These two vehicles will be replacements for an existing Transit Van and a Ford Escape. The Transit is used by janitorial staffing to transport maintenance equipment and materials between our facilities. The Ford Escape is utilized by our Facilities Manager when traveling daily between facilities and job sites.
- 75. Replace Ford Expedition – Fire Services**
The vehicle will serve as a utility vehicle and will be staffed by the Fire Chief. This vehicle will be used for daily details, emergencies, and on a limited basis will be deployed on non-emergency public service calls. The vehicle will be operated front line for five years and as a reserve utility vehicle for an additional five years. Cost includes vehicle markings, emergency lights and siren, radio installation, equipment storage systems, etc.
- 76. Replacement of Water & Sewer Vehicle**
This is a replacement vehicle for a 2014 Ford Expedition with over 100,000 miles, which was a re-purposed police command vehicle. It is used by the Public Services Director.
- 77. Replacement of Water & Sewer Pick-Up Truck with Plow Attachment**
This is a replacement vehicle for a 2013 Ford F-350 with over 90,000 miles. Ford Pickup Truck with snowplow attachment is used in winter to plow our parking lots and then used for maintenance in the summer.
- 78. Replacement of Caterpillar Loader 906M**
The purchase of the Caterpillar 906 Loader with attachments is necessary for maintenance of our township infrastructure. This purchase will replace an outdated, underpowered 1977 Caterpillar Loader.

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- 79. Replacement of Water & Sewer Pick-Up Truck with Plow Attachment**
This is a replacement vehicle for a 2014 Ford F-350 with over 90,000 miles. Ford Pickup Truck with snowplow attachment is used in winter to plow our parking lots and then used for maintenance in the summer.
- 80. Replace Ford F250 – Fire Services**
Vehicle is approaching the end of its reliable service life. Initially the Department should realize a reduction in maintenance costs as the vehicle will be more reliable and also under warranty. Cost includes vehicle markings, emergency lights and siren, radio installation, equipment storage systems, etc. This vehicle will serve as a command vehicle and will be staffed by a Command Officer (Battalion Chief). This vehicle will be used for daily details, emergencies and, on a limited basis, will be deployed on non-emergency public service calls. The vehicle will be operated front line for five years and then by the Fire Marshal for inspections and investigations for an additional five years.
- 81. Replace Radios (Dispatch, Mobile, Handheld)**
Current dispatch console radios, mobile car radios, and portable handheld radios have an expected life of 7 years. Purchased in 2018, all will need to be replaced by 2025. Purchase consists of 3 dispatch consoles, 12 mobile car radios, and 50 portable handheld radios.
- 82. Replace Turnout Gear (Personal Protective Equipment)**
The Fire Department is contractually bound to supply fire fighter protective clothing (turnout gear) for all sworn Fire Department personnel. The turnout gear is essential to protect the fire fighters and allow them to properly perform their duties. The purchase is important at this time for the following reasons: Federal Standards require personal protective gear be in compliance with the National Fire Protection Agency Standard 1971, current gear is reaching the end of its normal life cycle, gear must be fit to each fire fighter for proper safety, current gear can be used as emergency backup in the event the new turnout gear is in need of cleaning or repair, turnout gear is worn on virtually all incidents and during training, replacing every members' set is prudent for consistency and continuity as well as maintaining compliance with NFPA requirements.
- 83. Replace Self Contained Breathing Apparatus (SCBA)**
Our current SCBA's will be reaching the end of their service life and will need to be replaced in 2025. This is required equipment for firefighting and other hazardous environments. SCBA's are required by MIOSHA to enter IDLH environments and are critical to the health and safety of our firefighters.
- 84. Replace Ladder Truck**
It is recommended to replace the Fire Department's 1999 ladder truck. This truck was refurbished in 2016 with the expectation of getting an additional ten years of service from the vehicle. In 2025, this vehicle will be 26 years old and

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should not be relied upon as a frontline emergency vehicle. This vehicle is necessary to provide fire protection to the community. This is a planned vehicle replacement and has been included in the ten-year vehicle replacement schedule. Due to an 18-month build-out time, the replacement ladder truck would be ordered in 2025 and received in 2026.

85. Water & Sewer Tandem Dump Truck

This vehicle will be added to the fleet of vehicles and equipment to be available for water main repairs, which we anticipate to increase with the age of the system. This is a new piece of equipment, which will be needed to maintain current service levels and will require no additional staffing.

86. Replace Portable Radios – Fire Services

Portable radios are critical for emergency communication. The current radios will be in need of replacement in 2026. This is necessary for reliable communication.

87. Replace F-150 Utility Vehicle – Fire Services

It is recommended this vehicle be replaced, as it will be over ten years old. This vehicle is used by suppression and administrative staff for emergency response, training, and additional details. The replacement of this vehicle is included in the ten-year vehicle replacement schedule.

88. Replace Dump Truck – 3 Yard

This vehicle will replace an existing 3-yard dump truck that has reached its useful life (anticipated at 10 years).

89. Replace Water & Sewer F250 with Plow

This vehicle will replace an existing plow truck that has reached its useful life (anticipated at 10 years).

90. Replace Ambulances

Replace two 2018 ambulances at ten year life. The Fire Department operates its ambulances for 5 years as front-line emergency vehicles and then operates them as reserve ambulances for an additional five years. It is necessary to have two reserve ambulances to support emergency operations. The reserve vehicles are placed in service when the front-line ambulances are taken out of service for route maintenance or emergency repairs.

91. Replace Cardiac Monitors and AEDs

Reliable cardiac monitors and AEDs are critical in providing emergency medical response. The FDA regulates these devices and recommends they are replaced every ten years, which is considered the useful life. The current cardiac monitors and AEDs will reach the end of their useful life and need to be replaced in 2028.

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92. **Replace Staff Vehicle – Fire Services**

Replace staff vehicle which will be ten years old. The vehicle will serve as a utility vehicle and will be staffed by the Fire Chief. This vehicle will be used for daily details, emergencies, and on a limited basis will be deployed on non-emergency public service calls. The vehicle will be operated front-line for five years and as a reserve utility vehicle for an additional five years. Cost will include vehicle emergency lights and siren, radio installation, and equipment storage systems.

Water Supply System

93. **Annual Maintenance and Painting Township's Water Tower**

This project includes maintenance and recommended repairs to the Beck Road water tower. The water tower is a one million gallon spheroid structure that was constructed and placed into service in 2007. Recommended practice for maintaining a water tower suggest exterior painting every 10 years and re-coating the interior every 15 years. In 2017, Dixon Engineering performed a condition assessment of the water tower and recommended the exterior be painted in the next 3-5 years. This project aligns with the Water Asset Management Plan (WAMP), which was submitted to the MDEQ in 2018. In order to properly maintain this structure and ensure the maximum serviceable life, standard maintenance items such as exterior painting and interior re-coating need to be performed. In 2021, Northville Township contracted with Suez Incorporated to perform said maintenance and painting.

94. **(2022) Design and Construct New Water Tower – Beck Road Pressure District**

Design and construct a new tower or tank to service the Beck Road pressure district. A new tower will allow further reduction in the Township's peak hour, which will result in a reduced rate from GLWA. The reduced rate will allow a payback within approximately 6 years. After that, Northville Township would see approximately \$1,000,000 savings per year in the revenue requirements from GLWA.

95. **Abandon 12" Water Main South of Pickford Street**

This project entails abandoning the 12 inch water main that runs along the Johnson Creek south of Pickford Street which was part of the old City of Plymouth well head system. The water main is over sixty years old and needs to be taken out of service. A new water main has been installed along the road frontage for the homes to connect. Due to age, this water main would be very costly to fix and it is at the end of its useful life. This project will contribute to reduced operating costs.

96. **Water Master Plan**

The State of Michigan requires a Master Plan update for a community water supply every five years. Following the completion of the additional water storage facility, the Township will need to complete a new Master Plan for our system.

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97. Haggerty Lift Station Re-Build

The Haggerty Road sanitary sewer lift station provides service to the northeast section of the township near Haggerty and 8 Mile Roads. This station was rebuilt in 2014, and continues to have service issues that require frequent maintenance. We are anticipating a re-design of the station and installation of a new wet-well and grinder pumps to alleviate the frequent clogging issues we have.

98. Non-Invasive Inspection of 16" Water Main along 5 Mile and Beck Rd

This project includes completing a non-invasive inspection of the 16 inch water main along the north side of Five Mile Road to Beck Road and along Beck Road to Brandywine Blvd. This will assist to assure the proper maintenance of the township water system and verify the condition. This water main supplies the elevated tank and is close to seventy years old. This inspection will assure continued and proper operation of the elevated tank district.

99. Replacement of Vactor Sewer Cleaner

This purchase will replace the existing 2015 Vactor Sewer Cleaning Truck and is needed to maintain current service levels.

Sanitary Sewer Capital Improvements

100. Sanitary Sewer Line Improvements Identified in SAW Grant

The sanitary sewer system must be properly maintained in order to operate properly which is a public health issue. Lining, grouting, and repairing various segments of the sanitary sewer system as identified in the SAW Grant CIP for the Township. This will aid in assuring the proper maintenance and replacement of the Township's sanitary sewer system.

FY 2023-2028 Seven Year Capital Improvement Plan

| Project Descriptions | | Capital Outlay Requests | | | | | | | | | | |
|--|--|---------------------------------------|----------------------|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--|--|
| PATHWAYS AND NON-MOTORIZED IMPROVEMENTS | | POTENTIAL FUNDING SOURCE/NOTES | ORIGINAL 2022 | REVISED 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | | |
| 1 | 10' Wide Non-motorized Pathway along Seven Mile Road | Capital Projects Fund | \$ 1,200,000 | \$ 1,900,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | |
| 2 | 5' Wide Non-motorized Pathway (6 Mile Road, east of Beck) | Capital Projects Fund | - | 21,000 | - | - | - | - | - | - | | |
| 3 | 5' Wide Non-motorized Pathway (6 Mile Road, west of Beck) | Capital Projects Fund | - | 34,000 | - | - | - | - | - | - | | |
| 4 | Pathway Connection to Arcadia Ridge | Capital Projects Fund | - | 100,000 | - | - | - | - | - | - | | |
| 5 | 10' Wide Non-motorized Pathway (Broader Road) | Capital Projects Fund | - | 98,000 | - | - | - | - | - | - | | |
| 6 | Pathway - Edenderry to fish Hatchery Park | Capital Projects Fund | - | 40,000 | - | - | - | - | - | - | | |
| 7 | 5' Wide pathway (Silver Springs southern portion) | Capital Projects Fund | - | 60,000 | - | - | - | - | - | - | | |
| 8 | Six Mile Road Non-motorized Pathway (Northville Rd to Ravines) | Capital Projects Fund | - | - | 120,000 | - | - | - | - | - | | |
| 9 | 10' Wide Non-motorized Pathway (Ridge Road) | Capital Projects Fund | - | - | 121,000 | - | - | - | - | - | | |
| 10 | Six Mile Road Non-motorized Pathway (Forest Edge to Paramount) | Capital Projects Fund | - | - | - | 300,000 | - | - | - | - | | |
| 11 | 5' Wide Non-motorized Pathway (Silver Springs Drive, northern section) | Capital Projects Fund | - | - | - | - | 60,000 | - | - | - | | |
| 12 | 10' Wide Non-motorized Pathway (8 Mile Road) | Capital Projects Fund | - | - | - | - | - | 350,000 | - | - | | |
| 13 | Pathway Maintenance | Capital Projects Fund | - | - | - | - | 150,000 | - | 150,000 | 150,000 | | |
| PATHWAYS AND NON-MOTORIZED IMPROVEMENTS | | | \$ 1,200,000 | \$ 2,253,000 | \$ 241,000 | \$ 300,000 | \$ 210,000 | \$ 350,000 | \$ 150,000 | \$ 150,000 | | |
| MARV GANS COMMUNITY PARK CAPITAL IMPROVEMENTS | | POTENTIAL FUNDING SOURCE/NOTES | ORIGINAL 2022 | REVISED 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | | |
| 14 | Soccer Field Renovation - Drainage | Park Millage | \$ 65,000 | \$ 65,000 | - | - | - | - | - | - | | |
| 15 | Archery Range | Park Millage | - | - | 225,000 | - | - | - | - | - | | |
| 16 | Replace Play Structure (Back) | Park Millage | - | - | 160,000 | - | - | - | - | - | | |
| 17 | Parking Lot Mill and Resurface (East) | Park Millage | - | - | - | - | 465,000 | - | - | - | | |
| 18 | Pave Driveway Loop Connecting Back Parking Lots | Park Millage | - | - | - | - | 50,000 | - | - | - | | |
| 19 | MGCP Pathway - VAN to 5 Mile | Park Millage | - | - | - | - | - | 100,000 | - | - | | |
| 20 | Rewire Irrigation System and Components | Park Millage | - | - | - | - | - | - | 40,000 | - | | |
| 21 | Basketball Courts (x2) | Park Millage | - | - | - | - | - | - | - | 100,000 | | |
| MARV GANS COMMUNITY PARK | | | \$ 65,000 | \$ 65,000 | \$ 385,000 | \$ - | \$ 515,000 | \$ 100,000 | \$ 40,000 | \$ 100,000 | | |

FY 2023-2028 Seven Year Capital Improvement Plan

| Project Descriptions | | Capital Outlay Requests | | | | | | | | | | | | | | | |
|-------------------------------|---|-------------------------|-----------|----|-----------|---------|---------|---------|-----------|---------|---------|---------|-----------|----|---------|----|-----------|
| | | \$ | 228,120 | \$ | 228,120 | \$ | 240,000 | \$ | 240,000 | \$ | 240,000 | \$ | 240,000 | \$ | 250,000 | \$ | 250,000 |
| 68 | Police Vehicle Fleet Replacement | | | | | | | | | | | | | | | | |
| 69 | Soft Body Armor Bullet Proof Vests | | 50,000 | | 50,000 | | | | | | | | | | | | |
| 70 | Replace Rescue 1 and Rescue 2 Ambulances | | 635,000 | | 635,000 | | | | | | | | | | | | |
| 71 | Replacement of Water & Sewer Pick-Up Truck | | 35,000 | | 35,000 | | | | | | | | | | | | |
| 72 | Replacement of Water & Sewer Service Maintenance Truck | | 145,000 | | 145,000 | | | | | | | | | | | | |
| 73 | Replacement of Caterpillar 420 Backhoe with Attachments | | 150,000 | | 150,000 | | | | | | | | | | | | |
| 74 | Light Duty Truck 4x4, Midsize, Facilities | | | | | 35,000 | | 35,000 | | | | | | | | | |
| 75 | Replace Ford Expedition - Fire Services | | | | | 51,000 | | 51,000 | | | | | | | | | |
| 76 | Replacement of Water & Sewer Vehicle | | | | | 43,000 | | 43,000 | | | | | | | | | |
| 77 | Replacement of Water & Sewer Pick-Up Truck with Plow Attachment | | | | | 40,000 | | 40,000 | | | | | | | | | |
| 78 | Replacement of Caterpillar Loader 906M | | | | | 140,000 | | 140,000 | | | | | | | | | |
| 79 | Replacement of Water & Sewer Pick-Up Truck with Plow Attachment | | | | | 40,000 | | 40,000 | | | | | | | | | |
| 80 | Replace Ford F250 - Fire Services | | | | | | | | 96,000 | | | | | | | | |
| 81 | Replace Radios (Dispatch, Mobile, Handheld) | | | | | | | | 963,054 | | | | | | | | |
| 82 | Replace Turnout Gear (Personal Protective Equipment) | | | | | | | | 130,000 | | | | | | | | |
| 83 | Replace Self Contained Breathing Apparatus (SCBA) | | | | | | | | 500,000 | | | | | | | | |
| 84 | Replace Ladder Truck | | | | | | | | 1,721,800 | | | | | | | | |
| 85 | Water & Sewer Tandem Dump Truck - 10YD | | | | | | | | 150,000 | | | | | | | | |
| 86 | Replace Portable Radios - Fire Services | | | | | | | | | 500,000 | | | | | | | |
| 87 | Replace F-150 Utility Vehicle - Fire Services | | | | | | | | | | 61,000 | | | | | | |
| 88 | Dump Truck - 3 Yard | | | | | | | | | | | 150,000 | | | | | |
| 89 | Replace F250 with Plow | | | | | | | | | | | | 50,000 | | | | |
| 90 | Replace Ambulances (2) | | | | | | | | | | | | | | | | 700,000 |
| 91 | Replace Cardiac Monitors and AEDs | | | | | | | | | | | | | | | | 300,000 |
| 92 | Replace Staff Vehicle - Fire Services | | | | | | | | | | | | | | | | 63,000 |
| VEHICLES AND EQUIPMENT | | | | | | | | | | | | | | | | | |
| Total | | \$ | 1,243,120 | \$ | 1,243,120 | \$ | 409,000 | \$ | 455,000 | \$ | 801,000 | \$ | 3,800,854 | \$ | 450,000 | \$ | 1,313,000 |

FY 2023-2028 Seven Year Capital Improvement Plan

| Project Descriptions | | Capital Outlay Requests | | | | | | | | | |
|----------------------------|--|-------------------------|---------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|-----------|---------------|
| | POTENTIAL FUNDING SOURCE/NOTES | ORIGINAL 2022 | REVISED 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | | |
| WATER SUPPLY SYSTEM | | | | | | | | | | | |
| 93 | Annual Maintenance and Painting Township's Water Tower | \$ 80,000 | \$ 80,000 | \$ 80,000 | \$ 80,000 | \$ 80,000 | \$ 35,000 | \$ 35,000 | \$ 35,000 | \$ | 35,000 |
| 94 | Design & Construct New Water Tower - Beck Road Pressure District | 4,000,000 | 6,000,000 | - | - | - | - | - | - | - | - |
| 95 | Abandon 12" Water Main south of Pickford Street | - | - | 200,000 | - | - | - | - | - | - | - |
| 96 | Water Master Plan | - | - | - | 80,000 | - | - | - | - | - | - |
| 97 | Haggerly Lift Station Re-Build | - | - | - | - | 500,000 | - | - | - | - | - |
| 98 | Non-Invasive Inspection of 16" Water Main along 5 Mile and Beck Rd | - | - | - | - | 100,000 | - | - | - | - | - |
| 99 | Replacement of Vaclor Sewer Cleaner | - | - | - | - | - | 600,000 | - | - | - | - |
| WATER SUPPLY SYSTEM | | \$ 4,080,000 | \$ 6,080,000 | \$ 280,000 | \$ 160,000 | \$ 680,000 | \$ 635,000 | \$ 35,000 | \$ 35,000 | \$ | 35,000 |
| SANITARY SEWER | | | | | | | | | | | |
| 100 | Sanitary Sewer Line Improvements Identified in SAW Grant | \$ 215,000 | \$ 215,000 | \$ 210,000 | \$ 390,000 | \$ 52,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ | 50,000 |
| SANITARY SEWER | | \$ 215,000 | \$ 215,000 | \$ 210,000 | \$ 390,000 | \$ 52,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ | 50,000 |

| | | | | | | | | |
|--------------------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Grand Total | \$ 12,271,465 | \$ 16,282,345 | \$ 21,885,000 | \$ 2,003,000 | \$ 5,973,706 | \$ 2,779,250 | \$ 1,285,000 | \$ 2,293,000 |
|--------------------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|