



Regular City Council Meeting  
7:00 p.m., Monday, April 5, 2021  
Virtual via Zoom  
Meeting ID: 894 0571 2016  
Passcode: 169829

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## REGULAR MEETING AGENDA

1. **ROLL CALL**
2. **APPROVAL OF ITEMS ON CONSENT AGENDA**
  - A. **Informational: City of Farmington 2020 Small eCities Program Recognition**
3. **APPROVAL OF REGULAR AGENDA**
4. **PUBLIC COMMENT**
5. **PRESENTATIONS AND PUBLIC HEARINGS**
  - A. **Michigan Economic Development Corporation (MEDC) Redevelopment Ready Communities (RRC) certification presentation**
  - B. **Public Hearing: Downtown Development and Tax Increment Financing Plan Amendment**
6. **NEW BUSINESS**
  - A. **Consideration to approve DDA Amended and Restated Development and Tax Increment Financing Plan "Amended Plan"**
  - B. **Consideration to approve the ordinance amending Chapter 11 of the City Code to provide for the approval and adoption of the Amended and Restated Development and Tax Increment Financing Plan**
  - C. **Special Event Approval: Library Family Fun in Riley Park and Family Story Time**
  - D. **Consideration to approve resolution extending outdoor seating expansion**
  - E. **Consideration to approve awarding the contract for the Sundquist Pavilion heating improvements to Mechanical 1**
  - F. **Consideration to approve awarding the 9 Mile Water Booster Station Pipe Rehabilitation to CSM Mechanical and allow Oakland County Water Resource Commission OCWRC execute the contract documents**
  - G. **Consideration to approve extending the 2018 Concrete Road Patching Program with Hartwell Cement Company to include a section of Farmington Road, and Smithfield Street**
  - H. **Consideration to approve authorizing the purchase of replacement Water and Sewer Utility Van from Versalift Midwest**

- 7. PUBLIC COMMENT**
- 8. CITY COUNCIL COMMENTS**
- 9. ADJOURNMENT**

*The City will follow its normal procedures for accommodation of persons with disabilities. Those individuals needing accommodations for effective participation in this meeting should contact the City Clerk (248) 474-5500, ext. 2218 at least two working days in advance of the meeting. An attempt will be made to make reasonable accommodations.*

<b>Farmington City Council Staff Report</b>	<b>Council Meeting Date: April 5, 2021</b>	<b>Item Number 2A</b>
<b>Submitted by: Director Kevin Christiansen</b>		
<b><u>Agenda Topic:</u> City of Farmington 2020 Small eCities Program Recognition</b>		
<b><u>Proposed Motion:</u></b> N/A - informational		
<b><u>Background:</u></b>  The City of Farmington has again been recognized by the UM Dearborn eCities Program as a Gold Star Community.  The City has been recognized as a 5-Star-Award-Winning Community for its Economic and Community Development efforts. This is an enhancement of the city's recognition from last year's 4-Star Award.		
<b><u>Materials:</u></b>		



# Media Release

## For Immediate Release

Contact: Kevin Christiansen, Economic and Community Development Director

Email: [kchristiansen@farmgov.com](mailto:kchristiansen@farmgov.com)

### **City of Farmington named Five-Star Community by UM-Dearborn's iLabs' eCities research**

Farmington, MI (October 26, 2020) – Farmington has been recognized for its successes and efforts in contributing to Michigan's entrepreneurial growth and economic development in the [annual eCities study](#) conducted by researchers at iLabs, University of Michigan-Dearborn's Center for Innovation Research. Farmington was honored as a five-star community along with 110 other communities across the state.

"Even through the COVID 19 pandemic and all the challenges it has brought, the City of Farmington has remained focused on maintaining its quality of life for all of its residents by being prepared for what is necessary to achieve its community goals and objectives," explains Farmington Economic and Community Development Director Kevin Christiansen. "The city continues to experience significant interest in redevelopment throughout the community."

The [2020 eCities study](#) analyzed publicly available data from 277 communities from 54 counties in Michigan. Researchers focused on the five-year changes in property values, community assets, and tax rates, which can demonstrate the growth, investments, and cost of doing business within the community. For example, over the five-year period of 2015-2019, these communities increased their capital assets by an average of 2.4 percent per year by investments such as library equipment, building, water, and sewage improvements, and street renovations, while property tax rates increased by less than 1 percent on average per year.

Although accounting for less than 20 percent of the State's cities and townships, the 277 communities analyzed are home to 70 percent of Michigan's population and 87 percent of the state's commercial property. "Each year, the eCities project aims to highlight the successes and continued commitment of cities and townships to grow business and support entrepreneurship within their communities," said Kari Kowalski, iLabs project manager.



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#### About University of Michigan-Dearborn<sup>[1]</sup><sub>[SEP]</sub>

Founded in 1959 with a gift of just over 200 acres of land and \$6.5 million from the Ford Motor Company, University of Michigan-Dearborn is a metropolitan university serving southeastern Michigan, committed to excellence rooted in strong academics, innovative research and programming and civic engagement. The university has 9,400 students pursuing more than 100 bachelor's, master's, doctoral and professional degrees in liberal arts and sciences, engineering, business, education and health programs. A top-ranked university with faculty devoted to teaching and students committed to achievement, UM-Dearborn is shaped by its history of partnering with local leaders and communities, and is committed to finding solutions for the challenges that face the region.

#### LINKS:

eCities homepage:

<https://umdearborn.edu/cob/business-community/ilabs-center-innovation-research/entrepreneurship/ecities>

List of all four-star communities:

<https://umich.box.com/s/7k999ox0ieqwybnou1mhal3jpcpfiempa>

List of all five-star communities:

<https://umich.box.com/s/txq5g6sxxr3pwrsqwxkr0jp8p6ce7ggc>

#### CONTACTS:

Beth Marmarelli

bethmar@umich.edu/313-593-5542

# CITY OF FARMINGTON

## PERFORMANCE REPORT



	DATA POINT	FIVE-YEAR COMMUNITY TREND	FIVE-YEAR COMPARISON TREND
A1	Real Commercial Property	5.81%	6.32%
A2	Real Industrial Property	4.72%	4.62%
A3	Total Real Property	6.97%	5.31%
A4	Personal Commercial Property	12.79%	1.83%
A5	Personal Industrial Property	-50.97%	-17.82%
A6	Total Personal Property	5.57%	-3.06%
A7	Total Overall Property	6.91%	4.66%
B1	Non-Depreciated Governmental Assets	8.24%	2.70%
B2	Depreciated Governmental Assets	1.23%	2.37%
B3	Total Governmental Assets	1.72%	2.41%
C1	Non-Homestead Tax Rate	1.34%	0.57%

eCities examines eleven data points relating to community growth and investment metrics. Using the past five years' data (2015-2019), this document reports your community's growth rate ("Five-Year Community Trend" column) for each data point. The equivalent growth rates, ("Five-Year Comparison Trend" column), are displayed for the state of Michigan values for the first seven points, and the last four points for the 277 eCities 2020 participating communities.

A1-A7 are property values within the community as reported by the Michigan Department of Treasury.

B1-B3 are the year-end governmental assets as reported on your annual audited financial reports.

C1 is the tax rate(s) for non-homestead (non-PRE) properties within the community as reported by the Michigan Department of Treasury.

# eCities 2020



HONORED COMMUNITY



CITY OF FARMINGTON

<b>Farmington City Council Staff Report</b>	<b>Council Meeting Date: April 5, 2021</b>	<b>Item Number 5A</b>
<b>Submitted by: Director Kevin Christiansen, who will introduce speakers</b>		
<b>Agenda Topic:</b> Michigan Economic Development Corporation (MEDC) Redevelopment Ready Communities (RRC) certification presentation		
<b>Proposed Motion:</b> N/A		
<b>Background:</b> This item is a presentation by the MEDC of the City of Farmington redevelopment ready communities (RRC) certification. Representatives of the MEDC will make the presentation.		





<b>Farmington City Council Staff Report</b>	<b>Council Meeting Date:</b> April 5, 2021	<b>Item Number</b>  6A
<b>Submitted by:</b> Kate Knight, DDA Director		
<b>Agenda Topic: Approval of DDA Amended and Restated Development and Tax Increment Financing Plan "Amended Plan"</b>		
<p><b><u>Proposed Motion:</u></b> Motion to approve the Amended and Restated Development and Tax Increment Financing Plan dated October 1, 2020 based on the following considerations:</p> <ol style="list-style-type: none"> <li>1. The Amended Plan constitutes a public purpose.</li> <li>2. The Amended Plan meets the standards set forth in sections 219 and 217(2) of Public Act 57 of 2018.</li> <li>3. The proposed method of financing the development is feasible and the DDA has the ability to arrange the financing.</li> <li>4. The development is reasonable and necessary to carry out the purposes of the Act.</li> <li>5. The land included within the development area is reasonably necessary to carry out the purposes of the plan and of the Act in an efficient and economically satisfactory manner.</li> <li>6. The development plan is in reasonable accord with the City's master plan.</li> <li>7. Public services are or will be adequate to service the project area.</li> <li>8. Changes in zoning, streets, street levels, intersections, and utilities are reasonably necessary for the project and for the City. (*Include this as part of the motion only if changes in zoning, streets, street levels, intersections and utilities are called for in the plan).</li> </ol>		
<p><b><u>Background:</u></b> The DDA Development Plan is one tool the DDA relies upon for identifying and implementing projects aimed at spurring new private investment. This tool is intended to plan and prioritize projects to help ensure that development and redevelopment within the downtown occurs in an orderly manner, and that improvements match the available revenues and can enable the DDA to become eligible for other funding sources. This Plan was prepared in accordance with the Downtown Development Authority Act, P.A. 57 of 2018.</p> <p>The updated Plan was developed and reviewed by DDA staff, the City Director of Finance and Administration, Chris Weber, as well as a Committee of DDA Board members, with facilitation by CIB Planning staff. The Plan will provide optional incentive tools for individual development projects, each of which must present to the DDA Board for approval. The DDA Board approved a DDA Plan Amendment at their October 7, 2020 Regular Meeting, requesting that the City Council call for a public hearing regarding the Plan Amendment, and to notify taxing jurisdictions and provide an opportunity for a meeting regarding the Plan Amendment. The Public Hearing Notice must be published twice in the newspaper not less than 20 days or more than 40 days prior to the Public Hearing.</p> <p>Materials provided here include Council Review Standards for determination of approval, drafted by DDA and City legal counsel.</p>		
<p><b><u>Materials:</u></b> <b>Draft Amended DDA Plan; Excerpts of PA 57 of 2018: 125.4217, 125.4219; City Council Review Standards</b></p>		

# DEVELOPMENT AND TAX INCREMENT FINANCING PLANS: Amended and Restated

Draft 10/1/2020

City of Farmington Downtown Development Authority

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Adopted XXX XX, 2020

# ACKNOWLEDGEMENTS

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The City of Farmington Downtown Development Authority was created in 1986 pursuant to the Downtown Development Authority (Act 197 of 1975), as repealed and recodified under the Recodified Tax Increment Financing Act (Act 57 of 2018). The purpose of the Authority is to correct and prevent deterioration and promote economic growth within City of Farmington's principal business district.

For their vision and support, the following community leaders should be recognized:

## CITY COUNCIL

- SARA BOWMAN, MAYOR
- JOE LARUSSA, MAYOR PRO TEM
- DAVID DELIND
- STEVEN SCHNEEMANN
- MARIA TAYLOR

## DDA BOARD OF DIRECTORS

- TODD CRAFT, PRESIDENT
- CHRIS HALAS, VICE PRESIDENT
- AGNES SKRZYCKI, SECRETARY
- TOM BUCK
- MIGUEL WILLIAMS
- RACHEL GALLAGHER
- SEAN MURPHY
- THOMAS PASCARIS
- SARA BOWMAN, MAYOR, EX-OFFICIO

David Murphy, City Manager

Mary Mullison, City Clerk

Chris Weber, Director of Finance and Administration

Kate Knight, DDA Director

This plan was prepared with assistance from:

## **CIB Planning**



ADOPTED BY AUTHORITY BOARD: October 7, 2020

ADOPTED BY CITY COUNCIL: xxx xx, 2020

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# BACKGROUND AND PURPOSES

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## GENERAL OVERVIEW

The City of Farmington Downtown Development Authority (DDA) was first created in 1986. A DDA is governed by a Board of Directors whose primary purpose is to correct and prevent deterioration and promote economic growth within the City of Farmington's principal business district. Other purposes of a DDA include reversing declining property values, improving the overall business climate, and increasing employment opportunities. A primary benefit of forming a DDA is the ability to capture the incremental increase in property taxes that result from improvements in the district. These tax revenues are used to finance public improvements and redevelopment projects within the district, which furthers the goal of economic growth.

A Development Plan (plan) is one tool the DDA relies upon for identifying and implementing projects aimed at spurring new private investment. The goals, objectives and recommended actions presented in this document are intended to plan and prioritize projects to help ensure that development and redevelopment within the downtown occurs in an orderly manner. Recommendations also ensure that improvements match the available revenues and can enable the DDA to become eligible for other funding sources. This Plan was prepared in accordance with the Downtown Development Authority Act, P.A. 57 of 2018.

A DDA can capture new tax increment in the district (TIF) and use it to pay for improvements that otherwise could not be afforded by either local businesses or City government. This funding can also be used to incentivize projects that otherwise are not feasible due to development costs that exceed possible revenue. Moreover, creation of a TIF district does not take away current tax revenue; it just captures new tax revenue that results from improvements to property or an increase in value. It also does not cause payment of increased taxes by property owners in the DDA District.

## LEGAL BASIS OF THE PLAN

The Development Plan and Tax Increment Financing Plan are prepared pursuant to the requirements of Section 217(2)(a-p) of Act 57 of 2018. More specifically, Section 217 of the Act states that “When a board decides to finance a project in the downtown district by the use of revenue bonds as authorized in section 213 or tax increment financing as authorized in sections 214, 215, and 216, it shall prepare a development plan.”

## DEVELOPMENT PLAN REQUIREMENTS

Section 217 also indicates that the development plan shall contain all of the following:

**A. THE DESIGNATION OF BOUNDARIES OF THE DEVELOPMENT AREA IN RELATION TO HIGHWAYS, STREETS, STREAMS, OR OTHERWISE.**

The development area is located within the limits of the City of Farmington (Map 1.) In general, the development area runs along Grand River Avenue between Oakland Avenue and Mayfield Street and Farmington Road between Oakland Avenue and Slocum Drive including public rights-of-way and alleys. The legal description is found in Appendix A, Development Area Boundary, along with the amendment ordinance.

**B. THE LOCATION AND EXTENT OF EXISTING STREETS AND OTHER PUBLIC FACILITIES WITHIN THE DEVELOPMENT AREA, DESIGNATING THE LOCATION, CHARACTER, AND EXTENT OF THE CATEGORIES OF PUBLIC AND PRIVATE LAND USES THEN EXISTING AND PROPOSED FOR THE DEVELOPMENT AREA, INCLUDING RESIDENTIAL, RECREATIONAL, COMMERCIAL, INDUSTRIAL, EDUCATIONAL, AND OTHER USES, AND INCLUDING A LEGAL DESCRIPTION OF THE DEVELOPMENT AREA.**

Existing land uses in the Development Area are illustrated on Map 2, "Existing Land Use".

**C. A DESCRIPTION OF EXISTING IMPROVEMENTS IN THE DEVELOPMENT AREA TO BE DEMOLISHED, REPAIRED, OR ALTERED, A DESCRIPTION OF ANY REPAIRS AND ALTERATIONS, AND AN ESTIMATE OF THE TIME REQUIRED FOR COMPLETION.**

The description of existing improvements to be demolished and associated schedule for implementation is provided in this plan under the heading “Proposed Improvements.”

**D. THE LOCATION, EXTENT, CHARACTER, AND ESTIMATED COST OF THE IMPROVEMENTS INCLUDING REHABILITATION CONTEMPLATED FOR THE DEVELOPMENT AREA AND AN ESTIMATE OF THE TIME REQUIRED FOR COMPLETION.**

To expand upon what was indicated above, the location, character and estimated cost/timing of the improvements is provided below:



## **PROPOSED IMPROVEMENTS: FARMINGTON DDA**

### **1. Business Development      \$150,000**

The DDA will assist the City Council, Planning Commission, local officials, businesspeople, entrepreneurs, etc., in providing an acceptable climate for business investment. Efforts will focus on assisting existing businesses and promoting new businesses that benefit the community. This will likely involve the following projects:

- Institution of a building rehabilitation grant program that provides qualifying applicants funding to improve their building.
- Encouraging property owners and developers to create mixed-use developments, in keeping with downtown zoning requirements.
- Other potential activities that support and promote local business development.

### **2. Public Buildings and Spaces      \$400,000**

To better create a sense of place in the downtown and at strategic locations in the DDA District, the DDA will support the development and enhancement of public buildings and spaces including: pedestrian plazas, parks, open spaces, gardens, gazebos, sculptures, art, performance areas, walkways, and supporting site amenities, construction of public restrooms, or other similar structures identified as development occurs.

### **3. DDA Marketing/Development Studies and Promotional Events/Materials      \$300,000**

Destination branding, and marketing have a key relationship with successful downtown districts. It is an important task to complete once the DDA has identified redevelopment goals and has established its identity within the greater region. Marketing and development attraction studies can be used as tools to attract specific development types or specific developers. Marketing materials (print, radio, mailers, billboard rental) can also be prepared for distribution to developers, retailer and real estate firms promoting downtown Farmington. This may include brochures, exhibits, trade area data, web site materials, social media activities, etc. It is also the City's desire to create a unified image and market downtown Farmington as a cohesive business district. To that end, funding can be used for a joint marketing strategy and promotions with involvement of the business community that brings together resources for advertising, special events and public relations; similar to the programs employed by retail malls.

### **4. Building Facade and Sign Improvement Program      \$300,000**

Existing signs and structures in the DDA that are in need of upgrade in terms of design, materials and colors can apply for funding under this program. The DDA can allocate resources to pursue the following efforts toward upgrading the appearance of buildings in the Downtown:

- Develop design guidelines or requirements for all buildings and signs in the downtown with corresponding sketches and pictures
- Develop a program to assist business owners in funding these improvements as a method to encourage implementation of the design guidelines or requirements

**5. DDA Property Acquisition                    \$300,000**

This involves the acquisition of property to accomplish the goals set forth by the DDA. There are times when key pieces of property become available for purchase within the DDA District, which require the DDA to purchase said properties for redevelopment or public purposes. This can also be a tool to assist with blight removal and demolition within the District.

**6. Special Downtown & Urban Design Plans                    \$100,000**

Downtown plans and urban design help to guide the built environment of the downtown District. Many times, these plans focus on form and design elements to enhance the function of the District. Results of these plans can lead to new development projects that have been thoughtfully crafted to create vibrancy and increase density within the District core. These plans also generally result with the development of design-based guidelines for redevelopment of existing sites or development of new sites.

**7. Demolition    \$100,000**

Occasionally, development opportunities require demolition of existing sites and structures. The DDA can participate in the costs of the demolition process when it is appropriate to spur new development opportunities.

**8. Public Infrastructure Improvements                    \$300,000**

Public improvements cover a wide array of projects including street lighting, streetscape enhancements, water and sewer improvements, electrical improvements, burying of existing and new utilities, storm water improvements, parking improvements and generally anything else that falls within the public right-of-way, easement or public realm.

**9. Private Infrastructure Improvements                    \$300,000**

As part of redevelopment, developers are often required to improve private infrastructure or anything on a private property (not in a public right-of-way). The DDA is able to assist with offsetting these costs, specifically when it comes to integrated parking structures such as vertical and underground parking, utilities, water and sewer tap fees, soft costs and others that support density in accordance with local zoning, master plans and city goals but may be cost-prohibitive to complete the project. Although these improvements are considered private for funding purposes, they have public benefit and support the redevelopment efforts of the city and DDA.

**10. Site Preparation                    \$200,000**

Costs associated with site preparation can be significant for both public and private investment. These costs include such activities as clearing & grubbing, compaction and sub-base preparation, cut and fill operations, dewatering, excavation for unstable material, foundation work to address special soil concerns, retaining walls, temporary sheeting/shoring, specific and unique activities, etc.) anything on private property not in a public right-of-way to support density and prohibitive costs to allow for greater density in accordance with local zoning, master plans and city goals.



**E. A STATEMENT OF THE CONSTRUCTION OR STAGES OF CONSTRUCTION PLANNED, AND THE ESTIMATED TIME OF COMPLETION OF EACH STAGE.**

The specific projects to be undertaken by the DDA are not known at this time. The “Proposed Improvements” list above will be updated to show the construction planned, and the estimated time of completion, for each project as this information is known.

**F. A DESCRIPTION OF ANY PARTS OF THE DEVELOPMENT AREA TO BE LEFT AS OPEN SPACE AND THE USE CONTEMPLATED FOR THE SPACE.**

Future land uses for DDA District are shown on Map #3 and it identifies existing and proposed open space.

**G. A DESCRIPTION OF ANY PORTIONS OF THE DEVELOPMENT AREA THAT THE AUTHORITY DESIRES TO SELL, DONATE, EXCHANGE, OR LEASE TO OR FROM THE MUNICIPALITY AND THE PROPOSED TERMS.**

At the present time the Authority has no plans to lease, own, or otherwise control property in its own name. Should acquisition of property be required in the future to accomplish the objectives of the DDA, or should the Authority receive property by donation, through purchase, or by any other means of acquisition, the Authority will establish and formally adopt appropriate procedures for property disposition, subject to applicable Federal, State, and local regulations.

**H. A DESCRIPTION OF DESIRED ZONING CHANGES AND CHANGES IN STREETS, STREET LEVELS, INTERSECTIONS, TRAFFIC FLOW MODIFICATIONS, OR UTILITIES.**

Farmington has recently updated the City Master Plan and will look for opportunities to strengthen zoning regulations, while remaining flexible, for new uses that may be attracted to the downtown. This will require zoning updates on a regular basis and may positively impact properties in the DDA boundary area. Those amendments will be added to the Appendix of this document when approved. Proposed changes in infrastructure such as streets, sidewalks, utilities, etc. are not known at this time but will also be added to the Appendix when they are known.

**I. AN ESTIMATE OF THE COST OF THE DEVELOPMENT, A STATEMENT OF THE PROPOSED METHOD OF FINANCING THE DEVELOPMENT, AND THE ABILITY OF THE AUTHORITY TO ARRANGE THE FINANCING.**

A description, including cost estimate and schedule of implementation, for each improvement project that will be completed within the district is contained in the project schedule and budget in this plan under “Proposed Improvements.”

**J. DESIGNATION OF THE PERSON OR PERSONS, NATURAL OR CORPORATE, TO WHOM ALL OR A PORTION OF THE DEVELOPMENT IS TO BE LEASED, SOLD, OR CONVEYED IN ANY MANNER AND FOR WHOSE BENEFIT THE PROJECT IS BEING UNDERTAKEN IF THAT INFORMATION IS AVAILABLE TO THE AUTHORITY.**

Information concerning the names of people for whom benefits may accrue is unknown at this time and will not be available until phases of implementation are underway.

**K. THE PROCEDURES FOR BIDDING FOR THE LEASING, PURCHASING, OR CONVEYING IN ANY MANNER OF ALL OR A PORTION OF THE DEVELOPMENT UPON ITS COMPLETION, IF THERE IS NO EXPRESS OR IMPLIED AGREEMENT BETWEEN THE**

**AUTHORITY AND PERSONS, NATURAL OR CORPORATE, THAT ALL OR A PORTION OF THE DEVELOPMENT WILL BE LEASED, SOLD, OR CONVEYED IN ANY MANNER TO THOSE PERSONS.**

All such procedures will follow both City and State law and at the present time there are no commitments made.

- L. ESTIMATES OF THE NUMBER OF PERSONS RESIDING IN THE DEVELOPMENT AREA AND THE NUMBER OF FAMILIES AND INDIVIDUALS TO BE DISPLACED. IF OCCUPIED RESIDENCES ARE DESIGNATED FOR ACQUISITION AND CLEARANCE BY THE AUTHORITY, A DEVELOPMENT PLAN SHALL INCLUDE A SURVEY OF THE FAMILIES AND INDIVIDUALS TO BE DISPLACED, INCLUDING THEIR INCOME AND RACIAL COMPOSITION, A STATISTICAL DESCRIPTION OF THE HOUSING SUPPLY IN THE COMMUNITY, INCLUDING THE NUMBER OF PRIVATE AND PUBLIC UNITS IN EXISTENCE OR UNDER CONSTRUCTION, THE CONDITION OF THOSE UNITS IN EXISTENCE, THE NUMBER OF OWNER-OCCUPIED AND RENTER-OCCUPIED UNITS, THE ANNUAL RATE OF TURNOVER OF THE VARIOUS TYPES OF HOUSING AND THE RANGE OF RENTS AND SALE PRICES, AN ESTIMATE OF THE TOTAL DEMAND FOR HOUSING IN THE COMMUNITY, AND THE ESTIMATED CAPACITY OF PRIVATE AND PUBLIC HOUSING AVAILABLE TO DISPLACED FAMILIES AND INDIVIDUALS.**

At the present time, no known relocation of families or individuals will take place within the scope of this proposed Development Plan or Tax Increment Financing Plan. Should said displacement be planned during implementation of the plan, the above information will be gathered accordingly.

- M. A PLAN FOR ESTABLISHING PRIORITY FOR THE RELOCATION OF PERSONS DISPLACED BY THE DEVELOPMENT IN ANY NEW HOUSING IN THE DEVELOPMENT AREA.**

At the present time, no known relocation of families or individuals will take place within the scope of this proposed Development Plan or Tax Increment Financing Plan.

- N. PROVISION FOR THE COSTS OF RELOCATING PERSONS DISPLACED BY THE DEVELOPMENT AND FINANCIAL ASSISTANCE AND REIMBURSEMENT OF EXPENSES, INCLUDING LITIGATION EXPENSES AND EXPENSES INCIDENT TO THE TRANSFER OF TITLE, IN ACCORDANCE WITH THE STANDARDS AND PROVISIONS OF THE UNIFORM RELOCATION ASSISTANCE AND REAL PROPERTY ACQUISITION POLICIES ACT OF 1970, PUBLIC LAW 91-646, 84 STAT. 1894.**

At the present time, no known relocation of families or individuals will take place within the scope of this proposed Development Plan or Tax Increment Financing Plan.

- O. A PLAN FOR COMPLIANCE WITH THE FEDERAL UNIFORM RELOCATION ASSISTANCE AND REAL PROPERTY ACQUISITION POLICIES ACT OF 1970 AND ACT 227 OF THE PUBLIC ACTS OF 1972.**

At the present time, no known relocation of families or individuals will take place within the scope of this proposed Development Plan or Tax Increment Financing Plan.

**P. OTHER MATERIAL THAT THE AUTHORITY, LOCAL PUBLIC AGENCY, OR GOVERNING BODY CONSIDERS PERTINENT.**

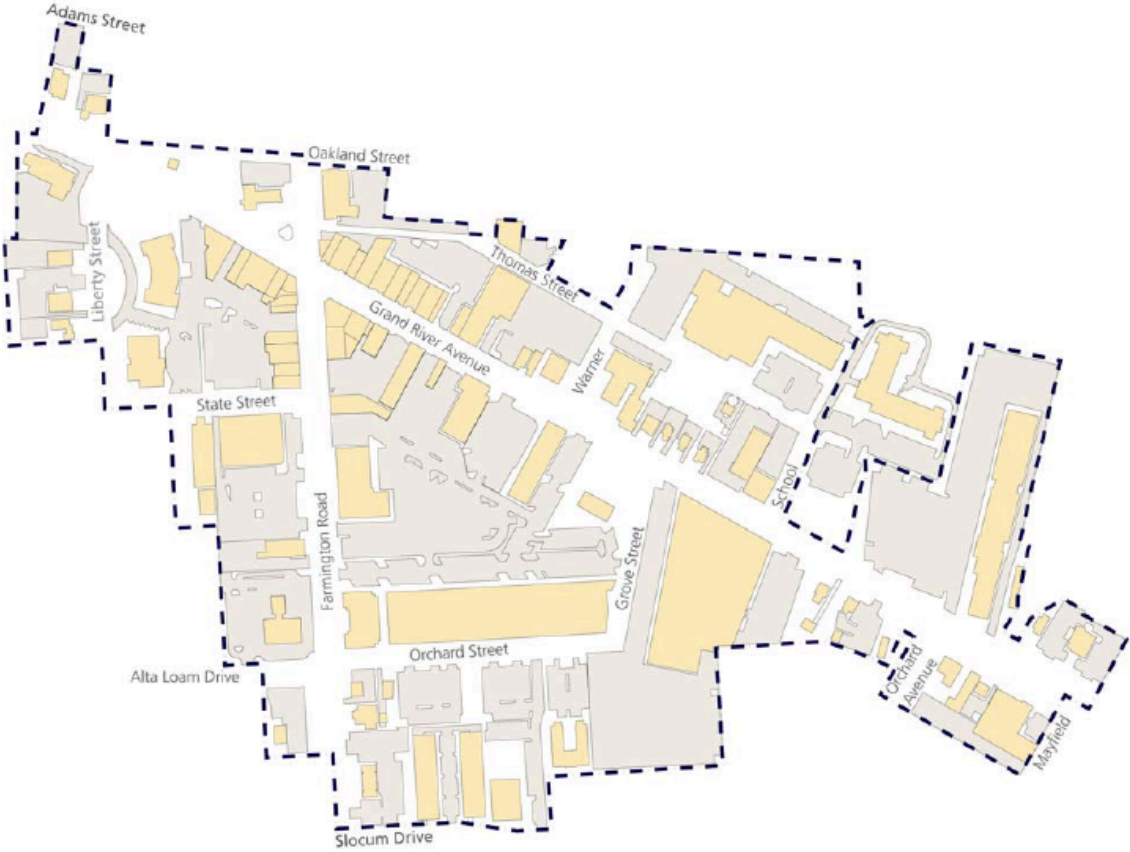
Such other material will be identified or added as the need arises.

**Q. DEVELOPMENT AREA CITIZENS COUNCIL.**

Since the development area of the DDA has more than 100 full-time primary residents, a development area citizens council will be formed as an advisory body to the Board of the DDA. The development area citizens council shall be established by the governing body and shall consist of not less than 9 members. The members of the development area citizens council shall be residents of the development area and shall be appointed by the governing body. A member of a development area citizens council shall be at least 18 years of age and the development area citizens council shall be representative of the development area.

Periodically a representative of the authority responsible for preparation of a development or tax increment financing plan within the development area shall consult with and advise the development area citizens council regarding the aspects of a development plan, including the development of new housing for relocation purposes located either inside or outside of the development area. The consultation shall begin before any final decisions by the authority and the governing body regarding a development or tax increment financing plan. The consultation shall continue throughout the preparation and implementation of the development or tax increment financing plan.

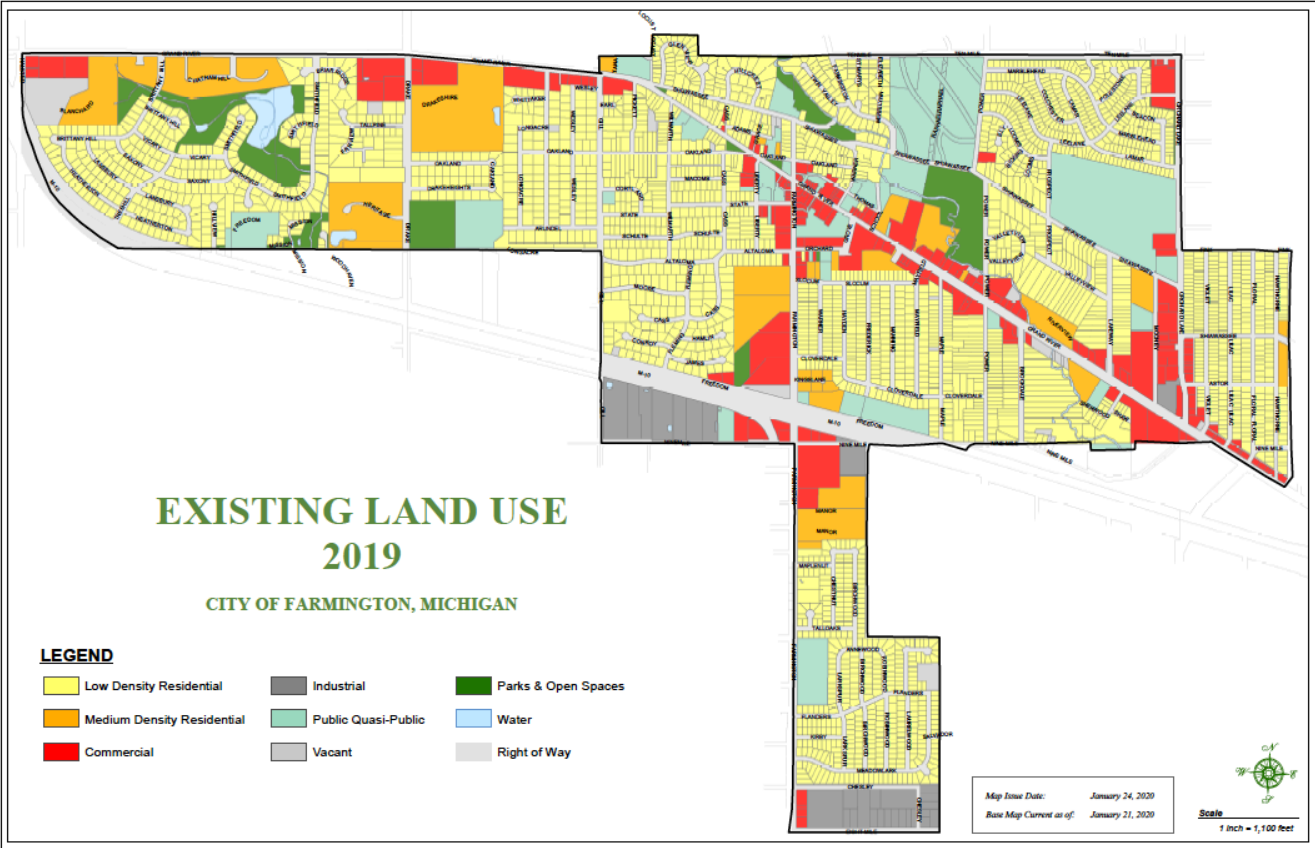
**Map 1: DDA District Boundaries**



**Map 2**

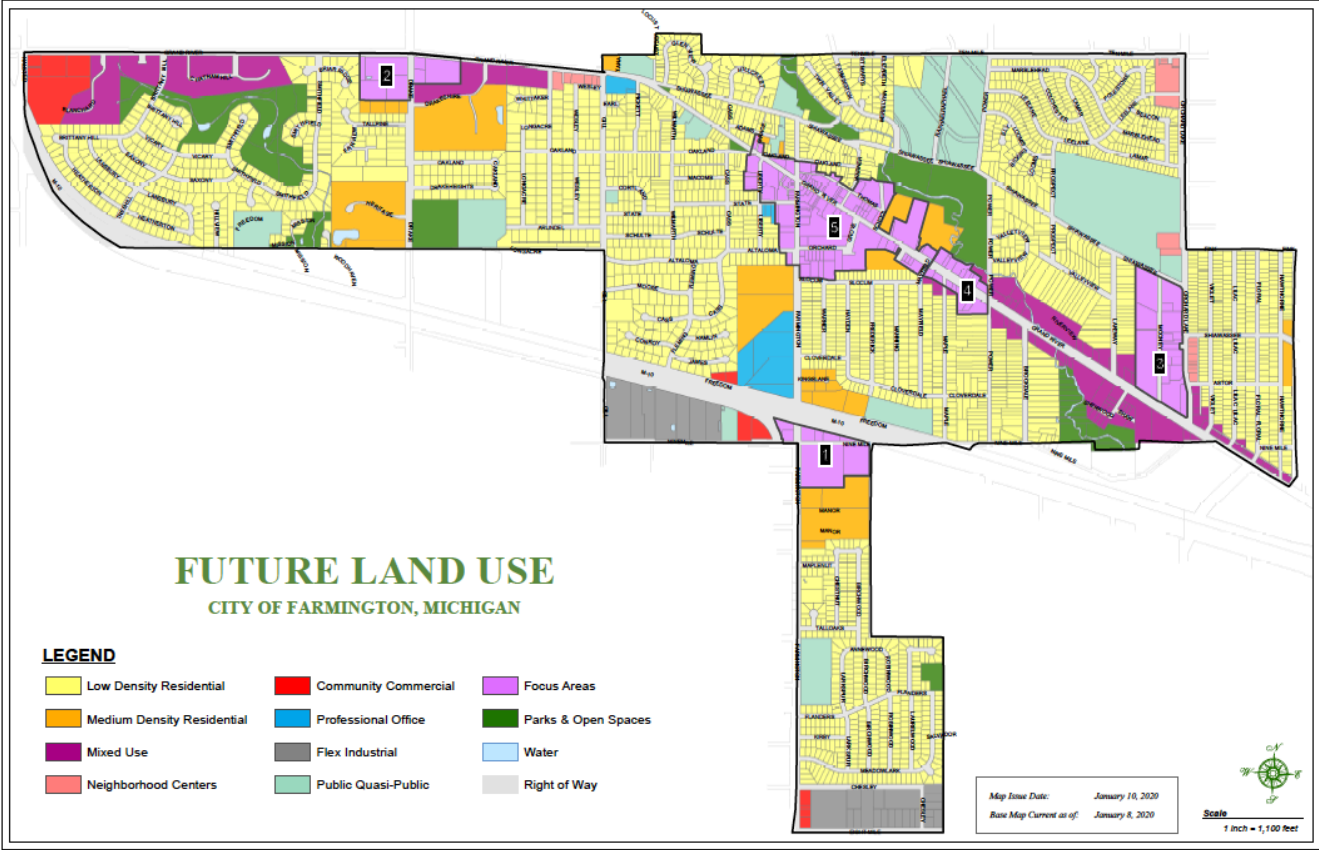
**City of Farmington  
DOWNTOWN DEVELOPMENT PLAN and TAX INCREMENT FINANCE PLAN BOUNDARY**

**Map 2: Existing Land Use**





**Map 3: Future Land Use**

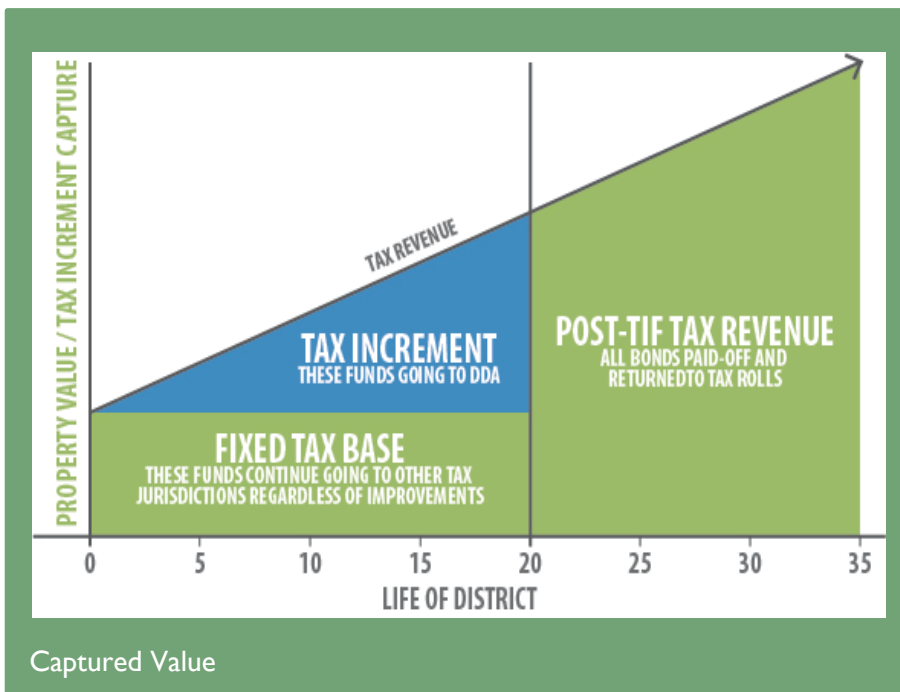


# TAX INCREMENT FINANCING PLAN

## EXPLANATION OF THE TAX INCREMENT PROCEDURE

Tax Increment Financing (TIF financing) is a method of funding public investments in an area slated for (re)development by capturing, for a time, all or a portion of the increased tax revenue that may result from increases in property values, either as a result of (re)development or general market inflation. The concept of tax increment financing is applied only to the Development Area for which a development plan has been prepared by the Downtown Development Authority and adopted by the City Council.

As provided in PA 57 of 2018, tax increment financing is an effective tool for financing redevelopment and



planning of designated development areas within a Downtown Development Authority District. TIF financing can be used to fund facilities, structures, or improvements within the district and to: 1) market businesses within the district; 2) plan for property within the district; 3) acquire land; 4) improve sites; 5) construct buildings; 6) close the financing “gap” for projects; and 7) administer the Development Plan. Because TIF financing involves capture of tax revenue for certain parcels, TIF dollars must be used for improvements that will generally benefit those same parcels.

“Captured Taxable Value” can be described as the difference in amount in any year of the Plan in which the current assessed value exceeds the initial assessed value. “Current

Taxable Value” is the amount of value upon which taxes are based for the current year, also called the Taxable Value. “Initial Taxable Value” represents the assessed value of properties at the time the DDA was established or updated, in this case 1987. Tax exempt properties are represented as a zero value in the Plan, since no tax increments will be collected for that site, regardless of increases in actual property value. The difference between the initial taxable value (base year total) and the current taxable value (current year total) is the value of property for which taxes can be captured and (re)invested by the DDA.

**I. Increase in taxable value.** The initial taxable value (“SEV”) for this plan is the taxable value of all real and personal property in the development area as determined on December 31, 1986 and finally equalized by the State in May, 1987. This is commonly considered the SEV for 1987. As shown in Table 1, the base value of real property in the district is \$8,958,550.

**Estimated Taxable Value Increase <sup>(1)</sup>**

**Table 1**

ESTIMATED TAX CAPTURE VALUE 2021 - 2039

	Fiscal Year	Base Value	% Value Increase (2)	Taxable Value
Base Year:	1986-87	\$8,958,550		
	2021	\$25,575,950	2.0%	\$26,087,469
	2022	\$25,575,950	2.0%	\$26,609,218
	2023	\$25,575,950	2.0%	\$27,141,403
	2024	\$25,575,950	2.0%	\$27,684,231
	2025	\$25,575,950	2.0%	\$28,237,915
	2026	\$25,575,950	2.0%	\$28,802,674
	2027	\$25,575,950	2.0%	\$29,378,727
	2028	\$25,575,950	2.0%	\$29,966,302
	2029	\$25,575,950	2.0%	\$30,565,628
	2030	\$25,575,950	2.0%	\$31,176,940
	2031	\$25,575,950	2.0%	\$31,800,479
	2032	\$25,575,950	2.0%	\$32,436,489
	2033	\$25,575,950	2.0%	\$33,085,219
	2034	\$25,575,950	2.0%	\$33,746,923
	2035	\$25,575,950	2.0%	\$34,421,861
	2036	\$25,575,950	2.0%	\$35,110,299
	2037	\$25,575,950	2.0%	\$35,812,505
	2038	\$25,575,950	2.0%	\$36,528,755
	2039	\$25,575,950	2.0%	\$37,259,330

- (1) This table assumes capture based on inflation only - no new development or increase in value due to improvements. New development would increase capture.
- (2) 2021 - 2039 assume 2.0% growth/year.

The purpose of the Tax Increment Financing Plan is to ensure that revenues from tax increment capture will be sufficient to cover anticipated costs, especially when it comes to bond debt. Therefore, some assumptions are involved in order to project property values into the future to determine anticipated revenues. A modest increase in property values was assumed. A conservative growth rate of 2.0% was used in the projections for future TIF revenue.

**2. Capturable Taxable Value.** A limited amount of development is expected over the entire DDA District, as shown in Table 2. To provide conservative estimates, the TIF revenues are based on increases in property values based on the market, not improvements to property.

**Table 2**  
**City of Farmington DDA Total Projected Revenues**

FY	Taxable Value	Tax Increment Captured	Millage Multiplier	Tax Increment Revenue
1986-87	\$8,958,550		0.0240166	
2021	\$25,575,950	\$16,617,400	0.0240166	\$399,093
2022	\$26,087,469	\$17,128,919	0.0240166	\$411,378
2023	\$26,609,218	\$17,650,668	0.0240166	\$423,909
2024	\$27,141,403	\$18,182,853	0.0240166	\$436,690
2025	\$27,684,231	\$18,725,681	0.0240166	\$449,727
2026	\$28,237,915	\$19,279,365	0.0240166	\$463,025
2027	\$28,802,674	\$19,844,124	0.0240166	\$476,588
2028	\$29,378,727	\$20,420,177	0.0240166	\$490,423
2029	\$29,966,302	\$21,007,752	0.0240166	\$504,535
2030	\$30,565,628	\$21,607,078	0.0240166	\$518,929
2031	\$31,176,940	\$22,218,390	0.0240166	\$533,610
2032	\$31,800,479	\$22,841,929	0.0240166	\$548,585
2033	\$32,436,489	\$23,477,939	0.0240166	\$563,860
2034	\$33,085,219	\$24,126,669	0.0240166	\$579,441
2035	\$33,746,923	\$24,788,373	0.0240166	\$595,332
2036	\$34,421,861	\$25,463,311	0.0240166	\$611,542
2037	\$35,110,299	\$26,151,749	0.0240166	\$628,076
2038	\$35,812,505	\$26,853,955	0.0240166	\$644,941
2039	\$36,528,755	\$27,570,205	0.0240166	\$662,143
<b>Total Taxable Value Captured</b>		<b>\$413,956,535</b>	<b>Total TI Revenue</b>	<b>\$9,941,829</b>

**3. Tax Increment Capture.** For each year within the term of the plan, the City Treasurer transmits directly to the DDA, the applicable portion of the tax levy set by the taxing units on the real property in the development area, including that portion of any commercial facilities tax levied pursuant to P.A. 255 of 1978 and that portion on an industrial facilities tax levied pursuant to PA 198 of 1974. Voted and separately identified debt millage revenues do not come to the DDA but go directly to the intended taxing units.

“Tax increment revenues” means the amount of ad valorem property taxes and specific local taxes attributable to the application of the levy of all taxing jurisdictions upon the captured assessed value of real and personal property in the Development Area. Tax increment revenues do not include any of the following:

- a. Taxes under the state education tax act, 1993 PA 331, MCL 211.901 to 211.906.
- b. Taxes levied by local or intermediate school districts.
- c. Ad valorem property taxes attributable either to a portion of the captured assessed value shared with taxing jurisdictions within the jurisdictional area of the authority or to a portion of value of property that may be excluded from captured assessed value or specific local taxes attributable to the ad valorem property taxes.
- d. Ad valorem property taxes excluded by the tax increment financing plan of the authority from the determination of the amount of tax increment revenues to be transmitted to the authority or specific local taxes attributable to the ad valorem property taxes.
- e. Ad valorem property taxes exempted from capture under section 18(5) or specific local taxes attributable to the ad valorem property taxes.

- f. Ad valorem property taxes specifically levied for the payment of principal and interest of obligations approved by the electors or obligations pledging the unlimited taxing power of the local governmental unit or specific taxes attributable to those ad valorem property taxes.

To utilize tax increment financing, the DDA must prepare a development plan and a tax increment financing plan. Both plans are submitted to the City Council, who must approve the plans. These plans may be amended in the future to reflect changes desired by the DDA or the City. All amendments must follow the procedures of the Act.

## **MAXIMUM AMOUNT OF BONDED INDEBTEDNESS TO BE INCURRED**

The Downtown Development Authority may explore the possibility of bonding against future revenues to supply the funds required to accomplish larger public improvement projects. The extent of the indebtedness and the timing of the debt retirement will be determined by the extent of the tax increment revenues. The maximum indebtedness, as stated in PA 57 of 2018, cannot exceed the ability to service the debt from tax increments. Only 80% of projected revenues are available as debt service funds. The bonded indebtedness for the DDA is currently \$3,441,575. Future plan updates will consider outstanding debt as it plans for continued investment in the district.

## **DURATION OF THE DEVELOPMENT PROGRAM**

The remaining duration of the tax increment financing plan is eighteen (18) years, commencing upon approval by the Farmington City Council in 2020 and will cease with tax collections due in December 2045, unless this plan is amended to extend or shorten its duration.

## **STATEMENT OF THE ESTIMATED IMPACT OF TAX INCREMENT FINANCING ON TAXING JURISDICTIONS IN WHICH THE DEVELOPMENT AREA IS LOCATED.**

The DDA is eligible to capture tax increment revenues from Oakland County; Oakland County taxing entities including: Oakland County Parks & Recreation and Oakland County Community College; The Huron Clinton Metro Authority; the Farmington Library; and City of Farmington millages including: City-Operating (Charter), City-Local Road. For a complete listing of taxing jurisdiction please see Table 3 below.

The most important impact on the affected taxing jurisdictions is that the amount of revenue they currently receive from property within the district will not increase during the life of the Plan. Once the base value of the district is set, the DDA will capture the revenue from any increase in property value. The base amount would still flow to the appropriate taxing jurisdictions. In other words, the revenue to each taxing jurisdiction would effectively be frozen at the base value for the entire term of the DDA Plan.

The impact of tax increment financing on the revenues of all taxing properties is illustrated in Table 3 on the following page.

**Table 3: City of Farmington DDA Total Projected Revenue by Taxing Jurisdiction**

FISCAL YEAR	ESTIMATED Projected Increase	ANNUAL TAXABLE VALUE	CAPTURED TAXABLE VALUE	Oakland County 0.0040400	Oakland County Community 0.0015303	County Parks & Recreation 0.0002329	HCMA 0.0002117	Library 0.0009709	Library 0.0005684	OCPTA 0.0009927	City 0.0140000	City Streets 0.0014697	TAX INCREMENT REVENUE 0.024016600
Base Year	1986-87	8,938,330											
2021	2.0%	26,087,469	17,128,919	\$ 69,201	\$ 26,212	\$ 3,989	\$ 3,626	\$ 16,630	\$ 9,736	\$ 17,004	\$ 239,805	\$ 23,174	\$ 411,378
2022	2.0%	26,609,218	17,650,668	\$ 71,309	\$ 27,011	\$ 4,111	\$ 3,737	\$ 17,137	\$ 10,033	\$ 17,522	\$ 247,109	\$ 23,941	\$ 423,909
2023	2.0%	27,141,403	18,182,833	\$ 73,459	\$ 27,823	\$ 4,233	\$ 3,849	\$ 17,634	\$ 10,333	\$ 18,030	\$ 254,360	\$ 26,723	\$ 436,690
2024	2.0%	27,684,231	18,725,681	\$ 75,652	\$ 28,656	\$ 4,361	\$ 3,964	\$ 18,181	\$ 10,633	\$ 18,589	\$ 262,160	\$ 27,521	\$ 457,264
2025	2.0%	28,237,915	19,279,365	\$ 77,889	\$ 29,503	\$ 4,490	\$ 4,081	\$ 18,718	\$ 10,938	\$ 19,139	\$ 269,911	\$ 28,333	\$ 463,025
2026	2.0%	28,802,674	19,844,124	\$ 80,170	\$ 30,367	\$ 4,622	\$ 4,201	\$ 19,267	\$ 11,279	\$ 19,699	\$ 277,818	\$ 29,163	\$ 476,588
2027	2.0%	29,378,727	20,420,177	\$ 82,498	\$ 31,249	\$ 4,756	\$ 4,323	\$ 19,826	\$ 11,607	\$ 20,271	\$ 285,882	\$ 30,012	\$ 490,423
2028	2.0%	29,966,302	21,007,732	\$ 84,871	\$ 32,148	\$ 4,893	\$ 4,447	\$ 20,396	\$ 11,941	\$ 20,834	\$ 294,109	\$ 30,873	\$ 504,535
2029	2.0%	30,565,628	21,607,078	\$ 87,293	\$ 33,063	\$ 5,032	\$ 4,574	\$ 20,978	\$ 12,281	\$ 21,449	\$ 302,499	\$ 31,736	\$ 518,929
2030	2.0%	31,176,940	22,218,390	\$ 89,762	\$ 34,001	\$ 5,173	\$ 4,704	\$ 21,572	\$ 12,629	\$ 22,036	\$ 311,037	\$ 32,634	\$ 533,610
2031	2.0%	31,800,479	22,841,929	\$ 92,281	\$ 34,953	\$ 5,320	\$ 4,836	\$ 22,177	\$ 12,983	\$ 22,673	\$ 319,787	\$ 33,571	\$ 548,585
2032	2.0%	32,436,489	23,477,939	\$ 94,851	\$ 35,928	\$ 5,468	\$ 4,970	\$ 22,793	\$ 13,343	\$ 23,307	\$ 328,691	\$ 34,506	\$ 563,860
2033	2.0%	33,085,219	24,126,669	\$ 97,472	\$ 36,921	\$ 5,619	\$ 5,108	\$ 23,423	\$ 13,714	\$ 23,931	\$ 337,773	\$ 35,439	\$ 579,441
2034	2.0%	33,746,923	24,788,373	\$ 100,143	\$ 37,934	\$ 5,773	\$ 5,248	\$ 24,067	\$ 14,090	\$ 24,607	\$ 347,037	\$ 36,431	\$ 595,332
2035	2.0%	34,421,861	25,463,311	\$ 102,872	\$ 38,967	\$ 5,930	\$ 5,391	\$ 24,722	\$ 14,473	\$ 25,277	\$ 356,486	\$ 37,423	\$ 611,542
2036	2.0%	35,110,299	26,151,749	\$ 105,653	\$ 40,020	\$ 6,091	\$ 5,536	\$ 25,391	\$ 14,865	\$ 25,961	\$ 366,124	\$ 38,433	\$ 628,076
2037	2.0%	35,812,303	26,853,933	\$ 108,490	\$ 41,093	\$ 6,254	\$ 5,683	\$ 26,073	\$ 15,264	\$ 26,638	\$ 375,933	\$ 39,467	\$ 644,941
2038	2.0%	36,528,733	27,570,203	\$ 111,384	\$ 42,191	\$ 6,421	\$ 5,837	\$ 26,768	\$ 15,671	\$ 27,369	\$ 385,983	\$ 40,520	\$ 662,143
2039	2.0%	37,259,330	28,300,780	\$ 114,333	\$ 43,309	\$ 6,591	\$ 5,991	\$ 27,477	\$ 16,086	\$ 28,094	\$ 396,211	\$ 41,594	\$ 679,689
TOTAL													\$ 10,229,961

## **PLAN FOR THE EXPENDITURE OF CAPTURED TAXABLE VALUE BY THE AUTHORITY**

1. **Estimate of Tax Increment Revenues.** Table 3 on page 17 summarizes the estimated tax increment revenues by year. The projected annual growth in taxable value is estimated at 2% annually and is shown in Tables 1 and 2 above. Additional increases in the assessed valuation for the Development Area and consequent tax increment revenues may result from other new construction, rehabilitation, expansion, or additional appreciation in property values beyond the estimated 2% figure. These increases are beyond those projected in this plan but if such increases result, the tax increment revenues will be spent according to this plan to accelerate the implementation of the public improvement program.
2. **Expenditure of Tax Increment Revenues.** Any additional tax increment revenues beyond those projected in this plan will:
  - a. Be used to expedite any debt service;
  - b. Further the implementation of the public improvement program;
  - c. Go into a local development grant & loan fund; or
  - d. Be returned, pro-rata, to the taxing units.

Should the tax increment revenues be less than projected, the DDA may choose to:

- a. Collect and hold the captured revenues until a sufficient amount is available to implement specific public improvements;
- b. Consider implementing public improvement projects based upon the ability to match existing funds with expenditures while seeking out additional funding sources; or
- c. Amend the development plan and/or tax increment financing plan to allow for alternative projects and funding.

## APPENDIX A: BASE PARCEL DATA

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**TABLE 4**  
**PARCELS IN THE DDA DISTRICT**



Tax

OAKLAND COUNTY

Summer

TR13103-DDA/BRA REPORT-CURRENT

2019 FINAL WARRANT - AD VALOREM

PARCEL	CAPTURE DISTRICT	2nd 3rd DDA	WPRE RFC	CLASS	SD	BASE VALUE	TAXABLE VALUE	CAPTURED VALUE	SUM PRE%	WIN PRE%
20-23-27-151-017	20-D1-FARM-1986			201	63200	193,000	310,290	117,290	0%	0%
20-23-27-151-021	20-D1-FARM-1986			402	63200	0	0	0	0%	0%
20-23-27-151-022	20-D1-FARM-1986			201	63200	34,300	239,950	205,650	0%	0%
20-23-27-152-011	20-D1-FARM-1986			402	63200	0	0	0	0%	0%
20-23-27-152-016	20-D1-FARM-1986			402	63200	0	0	0	0%	0%
20-23-27-153-001	20-D1-FARM-1986			201	63200	31,900	98,240	66,340	0%	0%
20-23-27-153-002	20-D1-FARM-1986			402	63200	0	0	0	0%	0%
20-23-27-153-003	20-D1-FARM-1986			201	63200	61,400	389,560	328,160	0%	0%
20-23-27-153-004	20-D1-FARM-1986			201	63200	25,300	70,370	45,070	0%	0%
20-23-27-153-005	20-D1-FARM-1986			402	63200	30,100	0	(30,100)	0%	0%
20-23-27-153-007	20-D1-FARM-1986			201	63200	54,000	212,160	158,160	0%	0%
20-23-27-153-008	20-D1-FARM-1986			201	63200	57,800	246,040	188,240	0%	0%
20-23-27-153-009	20-D1-FARM-1986			201	63200	25,500	91,260	65,760	0%	0%
20-23-27-153-010	20-D1-FARM-1986			201	63200	48,700	150,330	101,630	0%	0%
20-23-27-153-011	20-D1-FARM-1986			201	63200	44,800	101,530	56,730	0%	0%
20-23-27-153-012	20-D1-FARM-1986			201	63200	19,000	45,310	26,310	0%	0%
20-23-27-153-015	20-D1-FARM-1986			201	63200	25,200	54,410	29,210	0%	0%
20-23-27-153-021	20-D1-FARM-1986			201	63200	212,300	367,870	155,570	0%	0%
20-23-27-153-022	20-D1-FARM-1986			402	63200	0	0	0	0%	0%
20-23-27-153-023	20-D1-FARM-1986			201	63200	23,500	76,500	53,000	0%	0%
20-23-27-153-024	20-D1-FARM-1986			201	63200	21,700	92,520	70,820	0%	0%
20-23-27-153-025	20-D1-FARM-1986			201	63200	23,598	0	(23,598)	0%	0%
20-23-27-153-026	20-D1-FARM-1986			201	63200	90,202	146,030	55,828	0%	0%
20-23-27-154-004	20-D1-FARM-1986			401	63200	23,300	78,820	55,520	0%	0%
20-23-27-154-005	20-D1-FARM-1986			401	63200	19,500	80,470	60,970	0%	0%
20-23-27-154-006	20-D1-FARM-1986			201	63200	13,000	75,790	62,790	0%	0%
20-23-27-154-007	20-D1-FARM-1986			201	63200	32,000	130,900	98,900	0%	0%
20-23-27-154-008	20-D1-FARM-1986			201	63200	27,600	83,310	55,710	0%	0%
20-23-27-154-009	20-D1-FARM-1986			201	63200	24,500	66,990	42,490	0%	0%
20-23-27-154-010	20-D1-FARM-1986			201	63200	30,800	83,490	52,690	0%	0%
20-23-27-154-011	20-D1-FARM-1986			201	63200	71,600	148,190	76,590	0%	0%
20-23-27-154-012	20-D1-FARM-1986			201	63200	104,600	232,240	127,640	0%	0%
20-23-27-154-014	20-D1-FARM-1986			402	63200	0	0	0	0%	0%
20-23-27-154-015	20-D1-FARM-1986			402	63200	20,000	0	(20,000)	0%	0%
20-23-27-155-001	20-D1-FARM-1986			201	63200	46,200	88,130	41,930	0%	0%
20-23-27-155-002	20-D1-FARM-1986			201	63200	101,700	185,420	83,720	0%	0%
20-23-27-155-003	20-D1-FARM-1986			201	63200	32,900	66,540	33,640	0%	0%
20-23-27-155-004	20-D1-FARM-1986			202	63200	20,700	51,160	30,460	0%	0%
20-23-27-155-008	20-D1-FARM-1986			201	63200	28,800	56,810	28,010	0%	0%
20-23-27-155-011	20-D1-FARM-1986			201	63200	170,800	318,720	147,920	0%	0%
20-23-27-155-020	20-D1-FARM-1986			202	63200	1,100	1,080	(20)	0%	0%
20-23-27-155-024	20-D1-FARM-1986			201	63200	67,000	229,580	162,580	0%	0%
20-23-27-155-025	20-D1-FARM-1986			201	63200	34,600	111,390	76,790	0%	0%
20-23-27-155-026	20-D1-FARM-1986			201	63200	165,500	245,460	79,960	0%	0%
20-23-27-155-040	20-D1-FARM-1986			201	63200	203,300	278,250	74,950	0%	0%
20-23-27-155-044	20-D1-FARM-1986			201	63200	53,000	165,530	112,530	0%	0%
20-23-27-155-045	20-D1-FARM-1986			201	63200	100,000	191,810	91,810	0%	0%
20-23-27-155-046	20-D1-FARM-1986			201	63200	147,600	346,610	199,010	0%	0%
20-23-27-155-047	20-D1-FARM-1986			402	63200	0	0	0	0%	0%
20-23-27-155-048	20-D1-FARM-1986			201	63200	0	242,850	242,850	0%	0%
20-23-27-155-049	20-D1-FARM-1986			201	63200	975,300	1,720,200	744,900	0%	0%
20-23-27-156-003	20-D1-FARM-1986			201	63200	49,600	131,570	81,970	0%	0%
20-23-27-156-004	20-D1-FARM-1986			201	63200	44,200	464,930	420,730	0%	0%
20-23-27-156-005	20-D1-FARM-1986			201	63200	930,000	1,972,960	1,042,960	0%	0%
20-23-27-177-005	20-D1-FARM-1986			402	63200	19,100	0	(19,100)	0%	0%
20-23-27-177-010	20-D1-FARM-1986			201	63200	36.900	58.420	21.520	0%	0%

Tax

OAKLAND COUNTY

Summer

TR13103-DDA/BRA REPORT-CURRENT

2019 FINAL WARRANT - AD VALOREM

PARCEL	CAPTURE DISTRICT	2nd 3rd DDA	WPRE RFC	CLASS	SD	BASE VALUE	TAXABLE VALUE	CAPTURED VALUE	SUM PRE%	WIN PRE%
20-23-27-177-092	20-D1-FARM-1986			402	63200	0	0	0	0%	0%
20-23-27-177-094	20-D1-FARM-1986			201	63200	165,000	1,358,960	1,193,960	0%	0%
20-23-27-301-001	20-D1-FARM-1986			201	63200	37,700	67,110	29,410	0%	0%
20-23-27-301-003	20-D1-FARM-1986			201	63200	147,000	222,070	75,070	0%	0%
20-23-27-301-004	20-D1-FARM-1986			401	63200	26,000	50,680	24,680	0%	0%
20-23-27-301-005	20-D1-FARM-1986			202	63200	12,800	16,140	3,340	0%	0%
20-23-27-301-006	20-D1-FARM-1986			402	63200	15,800	0	(15,800)	0%	0%
20-23-27-301-007	20-D1-FARM-1986			202	63200	12,800	16,140	3,340	0%	0%
20-23-27-301-008	20-D1-FARM-1986			402	63200	13,700	0	(13,700)	0%	0%
20-23-27-301-017	20-D1-FARM-1986			201	63200	33,900	59,270	25,370	0%	0%
20-23-27-301-019	20-D1-FARM-1986			201	63200	31,000	111,270	80,270	0%	0%
20-23-27-301-020	20-D1-FARM-1986			201	63200	30,000	87,650	57,650	0%	0%
20-23-27-301-021	20-D1-FARM-1986			201	63200	32,500	88,020	55,520	0%	0%
20-23-27-301-022	20-D1-FARM-1986			201	63200	179,100	601,480	422,380	0%	0%
20-23-27-301-045	20-D1-FARM-1986			402	63200	46,600	0	(46,600)	0%	0%
20-23-27-301-047	20-D1-FARM-1986			201	63200	106,300	294,030	187,730	0%	0%
20-23-27-301-048	20-D1-FARM-1986			201	63200	67,300	138,190	70,890	0%	0%
20-23-27-301-050	20-D1-FARM-1986			405	63200	6,760	57,430	50,670	100%	100%
20-23-27-301-051	20-D1-FARM-1986			405	63200	6,760	123,980	117,220	100%	100%
20-23-27-301-052	20-D1-FARM-1986			405	63200	6,760	68,150	61,390	100%	100%
20-23-27-301-053	20-D1-FARM-1986			405	63200	6,760	105,960	99,200	100%	100%
20-23-27-301-054	20-D1-FARM-1986			405	63200	6,760	57,070	50,310	100%	100%
20-23-27-301-055	20-D1-FARM-1986			405	63200	6,760	80,950	74,190	100%	100%
20-23-27-301-056	20-D1-FARM-1986			405	63200	6,760	80,000	73,240	100%	100%
20-23-27-301-057	20-D1-FARM-1986			405	63200	6,760	73,460	66,700	100%	100%
20-23-27-301-058	20-D1-FARM-1986			405	63200	6,760	56,660	49,900	100%	100%
20-23-27-301-059	20-D1-FARM-1986			405	63200	6,760	115,870	109,110	100%	100%
20-23-27-301-060	20-D1-FARM-1986			405	63200	6,760	72,890	66,130	100%	100%
20-23-27-301-061	20-D1-FARM-1986			405	63200	6,760	92,460	85,700	100%	100%
20-23-27-301-062	20-D1-FARM-1986			405	63200	6,760	62,180	55,420	100%	100%
20-23-27-301-063	20-D1-FARM-1986			405	63200	6,760	82,880	76,120	100%	100%
20-23-27-301-064	20-D1-FARM-1986			405	63200	6,760	56,660	49,900	100%	100%
20-23-27-301-065	20-D1-FARM-1986			405	63200	6,760	116,600	109,840	100%	100%
20-23-27-301-082	20-D1-FARM-1986			406	63200	0	0	0	0%	0%
20-23-27-301-083	20-D1-FARM-1986			201	63200	108,040	845,020	736,980	0%	0%
20-23-27-306-001	20-D1-FARM-1986			405	63200	2,750	53,430	50,680	100%	100%
20-23-27-306-002	20-D1-FARM-1986			405	63200	2,750	50,420	47,670	100%	100%
20-23-27-306-003	20-D1-FARM-1986			405	63200	2,750	34,580	31,830	0%	0%
20-23-27-306-004	20-D1-FARM-1986			405	63200	2,750	34,140	31,390	0%	0%
20-23-27-306-005	20-D1-FARM-1986			405	63200	2,750	50,420	47,670	100%	100%
20-23-27-306-006	20-D1-FARM-1986			405	63200	2,750	34,580	31,830	100%	100%
20-23-27-306-007	20-D1-FARM-1986			405	63200	2,750	51,520	48,770	100%	100%
20-23-27-306-008	20-D1-FARM-1986			405	63200	2,750	32,510	29,760	0%	0%
20-23-27-306-009	20-D1-FARM-1986			405	63200	2,750	34,580	31,830	0%	0%
20-23-27-306-010	20-D1-FARM-1986			405	63200	2,750	34,140	31,390	100%	100%
20-23-27-306-011	20-D1-FARM-1986			405	63200	2,750	48,900	46,150	0%	0%
20-23-27-306-012	20-D1-FARM-1986			405	63200	2,750	44,380	41,630	100%	100%
20-23-27-306-013	20-D1-FARM-1986			405	63200	2,750	34,140	31,390	0%	0%
20-23-27-306-014	20-D1-FARM-1986			405	63200	2,750	48,900	46,150	0%	0%
20-23-27-306-015	20-D1-FARM-1986			405	63200	2,750	54,400	51,650	0%	0%
20-23-27-306-016	20-D1-FARM-1986			405	63200	2,750	34,140	31,390	0%	0%
20-23-27-306-017	20-D1-FARM-1986			405	63200	2,750	50,200	47,450	100%	100%
20-23-27-306-018	20-D1-FARM-1986			405	63200	3,050	54,520	51,470	100%	100%
20-23-27-326-016	20-D1-FARM-1986			201	63200	171,400	205,150	33,750	0%	0%
20-23-28-230-006	20-D1-FARM-1986			201	63200	18,700	127,230	108,530	0%	0%

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20-23-28-231-011	20-D1-FARM-1986			201	63200	92,900	204,130	111,230	0%	0%
20-23-28-276-005	20-D1-FARM-1986			201	63200	195,600	375,110	179,510	0%	0%
20-23-28-276-011	20-D1-FARM-1986			201	63200	94,100	161,320	67,220	0%	0%
20-23-28-276-014	20-D1-FARM-1986			201	63200	39,700	0	(39,700)	0%	0%
20-23-28-276-021	20-D1-FARM-1986			201	63200	122,400	190,760	68,360	0%	0%
20-23-28-277-001	20-D1-FARM-1986			402	63200	0	0	0	0%	0%
20-23-28-277-002	20-D1-FARM-1986			205	63200	50,000	112,590	62,590	0%	0%
20-23-28-278-002	20-D1-FARM-1986			201	63200	20,500	363,990	343,490	0%	0%
20-23-28-278-004	20-D1-FARM-1986			201	63200	108,000	124,110	16,110	0%	0%
20-23-28-278-005	20-D1-FARM-1986			201	63200	80,200	146,310	66,110	0%	0%
20-23-28-278-006	20-D1-FARM-1986			201	63200	85,000	295,960	210,960	0%	0%
20-23-28-278-012	20-D1-FARM-1986			201	63200	59,200	97,840	38,640	0%	0%
20-23-28-278-013	20-D1-FARM-1986			201	63200	29,800	128,360	98,560	0%	0%
20-23-28-278-014	20-D1-FARM-1986			201	63200	58,400	139,540	81,140	0%	0%
20-23-28-278-015	20-D1-FARM-1986			201	63200	37,900	81,690	43,790	0%	0%
20-23-28-278-016	20-D1-FARM-1986			201	63200	33,400	113,810	80,410	0%	0%
20-23-28-278-018	20-D1-FARM-1986			402	63200	0	0	0	0%	0%
20-23-28-278-019	20-D1-FARM-1986			402	63200	0	0	0	0%	0%
20-23-28-278-020	20-D1-FARM-1986			402	63200	0	0	0	0%	0%
20-23-28-280-003	20-D1-FARM-1986			402	63200	0	0	0	0%	0%
20-23-28-280-004	20-D1-FARM-1986			201	63200	99,400	176,220	76,820	0%	0%
20-23-28-280-012	20-D1-FARM-1986			201	63200	163,700	535,330	371,630	0%	0%
20-23-28-280-013	20-D1-FARM-1986			201	63200	85,000	156,070	71,070	0%	0%
20-23-28-280-014	20-D1-FARM-1986			201	63200	310,000	511,450	201,450	0%	0%
20-23-28-428-012	20-D1-FARM-1986			201	63200	52,800	85,810	33,010	0%	0%
20-99-00-000-048	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-000-052	20-D1-FARM-1986			251	63200	0	2,200	2,200	100%	100%
20-99-00-000-075	20-D1-FARM-1986			251	63200	0	3,560	3,560	100%	100%
20-99-00-000-097	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-001-061	20-D1-FARM-1986			251	63200	800	0	(800)	100%	100%
20-99-00-001-175	20-D1-FARM-1986			251	63200	14,800	0	(14,800)	100%	100%
20-99-00-001-200	20-D1-FARM-1986			251	63200	0	84,290	84,290	100%	100%
20-99-00-001-220	20-D1-FARM-1986			251	63200	5,350	0	(5,350)	100%	100%
20-99-00-002-060	20-D1-FARM-1986			251	63200	4,850	0	(4,850)	100%	100%
20-99-00-002-190	20-D1-FARM-1986			251	63200	14,900	0	(14,900)	100%	100%
20-99-00-002-350	20-D1-FARM-1986			251	63200	52,500	0	(52,500)	100%	100%
20-99-00-003-075	20-D1-FARM-1986			251	63200	39,950	0	(39,950)	100%	100%
20-99-00-003-080	20-D1-FARM-1986			251	63200	17,750	0	(17,750)	100%	100%
20-99-00-004-013	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-004-023	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-004-030	20-D1-FARM-1986			251	63200	19,400	0	(19,400)	100%	100%
20-99-00-004-034	20-D1-FARM-1986			251	63200	0	6,180	6,180	100%	100%
20-99-00-004-045	20-D1-FARM-1986			251	63200	48,300	0	(48,300)	100%	100%
20-99-00-004-342	20-D1-FARM-1986			251	63200	21,750	0	(21,750)	100%	100%
20-99-00-004-345	20-D1-FARM-1986			251	63200	13,850	173,430	159,580	100%	100%
20-99-00-005-011	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-005-029	20-D1-FARM-1986			251	63200	0	76,650	76,650	100%	100%
20-99-00-005-070	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-006-010	20-D1-FARM-1986			251	63200	10,150	0	(10,150)	100%	100%
20-99-00-006-027	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-006-033	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-006-040	20-D1-FARM-1986			251	63200	0	5,220	5,220	100%	100%
20-99-00-006-044	20-D1-FARM-1986			251	63200	0	92,680	92,680	100%	100%
20-99-00-006-120	20-D1-FARM-1986			251	63200	2,650	0	(2,650)	100%	100%
20-99-00-006-210	20-D1-FARM-1986			251	63200	11,100	0	(11,100)	100%	100%
20-99-00-006-240	20-D1-FARM-1986			251	63200	2.050	0	(2.050)	100%	100%

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20-99-00-006-320	20-D1-FARM-1986			251	63200	750	0	(750)	100%	100%
20-99-00-006-450	20-D1-FARM-1986			251	63200	64,250	45,130	(19,120)	100%	100%
20-99-00-007-009	20-D1-FARM-1986			251	63200	0	10,940	10,940	100%	100%
20-99-00-007-013	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-007-025	20-D1-FARM-1986			251	63200	1,250	0	(1,250)	100%	100%
20-99-00-007-026	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-007-032	20-D1-FARM-1986			251	63200	0	1,500	1,500	100%	100%
20-99-00-007-044	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-007-170	20-D1-FARM-1986			251	63200	4,700	0	(4,700)	100%	100%
20-99-00-008-003	20-D1-FARM-1986			251	63200	0	43,240	43,240	100%	100%
20-99-00-008-057	20-D1-FARM-1986			251	63200	19,650	0	(19,650)	100%	100%
20-99-00-008-090	20-D1-FARM-1986			251	63200	38,150	183,230	145,080	100%	100%
20-99-00-008-130	20-D1-FARM-1986			251	63200	600	0	(600)	100%	100%
20-99-00-009-001	20-D1-FARM-1986			251	63200	0	3,730	3,730	100%	100%
20-99-00-009-015	20-D1-FARM-1986			251	63200	0	770	770	100%	100%
20-99-00-009-028	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-009-051	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-010-017	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-010-018	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-010-019	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-010-021	20-D1-FARM-1986			251	63200	0	570	570	100%	100%
20-99-00-010-022	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-010-023	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-010-024	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-010-033	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-010-035	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-010-036	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-011-027	20-D1-FARM-1986			251	63200	0	82,120	82,120	100%	100%
20-99-00-011-030	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-011-031	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-011-170	20-D1-FARM-1986			251	63200	1,450	0	(1,450)	100%	100%
20-99-00-012-014	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-012-024	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-013-008	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-013-014	20-D1-FARM-1986			251	63200	0	2,560	2,560	100%	100%
20-99-00-013-015	20-D1-FARM-1986			251	63200	0	10,000	10,000	100%	100%
20-99-00-013-017	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-013-046	20-D1-FARM-1986			251	63200	3,850	0	(3,850)	100%	100%
20-99-00-013-070	20-D1-FARM-1986			251	63200	450	0	(450)	100%	100%
20-99-00-013-085	20-D1-FARM-1986			251	63200	21,750	125,080	103,330	100%	100%
20-99-00-013-170	20-D1-FARM-1986			251	63200	1,750	0	(1,750)	100%	100%
20-99-00-013-330	20-D1-FARM-1986			251	63200	40,200	0	(40,200)	100%	100%
20-99-00-014-001	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-014-006	20-D1-FARM-1986			251	63200	0	520	520	100%	100%
20-99-00-014-022	20-D1-FARM-1986			251	63200	0	58,060	58,060	100%	100%
20-99-00-015-009	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-015-012	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-015-015	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-015-016	20-D1-FARM-1986			251	63200	0	2,500	2,500	100%	100%
20-99-00-015-034	20-D1-FARM-1986			251	63200	0	12,500	12,500	100%	100%
20-99-00-015-035	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-015-036	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-015-038	20-D1-FARM-1986			251	63200	0	1,320	1,320	100%	100%
20-99-00-015-040	20-D1-FARM-1986			251	63200	1,700	0	(1,700)	100%	100%
20-99-00-015-044	20-D1-FARM-1986			251	63200	0	520	520	100%	100%

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20-99-00-015-050	20-D1-FARM-1986			251	63200	12,000	75,040	63,040	100%	100%
20-99-00-015-051	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-015-055	20-D1-FARM-1986			251	63200	0	25,600	25,600	100%	100%
20-99-00-016-020	20-D1-FARM-1986			251	63200	28,600	53,130	24,530	100%	100%
20-99-00-016-023	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-016-025	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-016-034	20-D1-FARM-1986			251	63200	0	2,110	2,110	100%	100%
20-99-00-016-035	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-016-036	20-D1-FARM-1986			251	63200	0	1,050	1,050	100%	100%
20-99-00-016-039	20-D1-FARM-1986			251	63200	0	1,050	1,050	100%	100%
20-99-00-016-041	20-D1-FARM-1986			251	63200	0	1,050	1,050	100%	100%
20-99-00-017-005	20-D1-FARM-1986			251	63200	0	61,960	61,960	100%	100%
20-99-00-017-006	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-017-009	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-017-017	20-D1-FARM-1986			251	63200	0	107,820	107,820	100%	100%
20-99-00-017-018	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-017-019	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-017-021	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-017-022	20-D1-FARM-1986			251	63200	0	438,570	438,570	100%	100%
20-99-00-017-025	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-017-030	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-017-031	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-017-032	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-017-033	20-D1-FARM-1986			251	63200	0	2,450	2,450	100%	100%
20-99-00-017-041	20-D1-FARM-1986			251	63200	0	2,500	2,500	100%	100%
20-99-00-017-042	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-017-045	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-017-046	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-017-048	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-018-002	20-D1-FARM-1986			251	63200	0	2,560	2,560	100%	100%
20-99-00-018-003	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-018-004	20-D1-FARM-1986			251	63200	0	1,020	1,020	100%	100%
20-99-00-018-006	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-018-013	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-018-015	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-018-016	20-D1-FARM-1986			251	63200	0	7,680	7,680	100%	100%
20-99-00-018-112	20-D1-FARM-1986			251	63200	250	0	(250)	100%	100%
20-99-00-019-001	20-D1-FARM-1986			251	63200	0	600	600	100%	100%
20-99-00-019-002	20-D1-FARM-1986			251	63200	0	3,500	3,500	100%	100%
20-99-00-019-006	20-D1-FARM-1986			251	63200	0	2,500	2,500	100%	100%
20-99-00-019-007	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-019-008	20-D1-FARM-1986			251	63200	0	500	500	100%	100%
20-99-00-019-009	20-D1-FARM-1986			251	63200	0	500	500	100%	100%
20-99-00-019-010	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-019-011	20-D1-FARM-1986			251	63200	0	2,000	2,000	100%	100%
20-99-00-019-012	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-019-013	20-D1-FARM-1986			251	63200	0	2,500	2,500	100%	100%
20-99-00-019-014	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-019-015	20-D1-FARM-1986			251	63200	0	500	500	100%	100%
20-99-00-019-016	20-D1-FARM-1986			251	63200	0	5,000	5,000	100%	100%
20-99-00-019-021	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-019-024	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-019-026	20-D1-FARM-1986			251	63200	0	2,500	2,500	100%	100%
20-99-00-019-032	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-019-033	20-D1-FARM-1986			251	63200	0	80,320	80,320	100%	100%
20-99-00-019-042	20-D1-FARM-1986			251	63200	0	1,250	1,250	100%	100%

Tax

OAKLAND COUNTY

Summer

TR13103-DDA/BRA REPORT-CURRENT  
 2019 FINAL WARRANT - AD VALOREM

PARCEL	CAPTURE DISTRICT	2nd 3rd DDA	WPRE RFC	CLASS	SD	BASE VALUE	TAXABLE VALUE	CAPTURED VALUE	SUM PRE%	WIN PRE%
20-99-00-019-043	20-D1-FARM-1986			251	63200	0	500	500	100%	100%
20-99-00-019-044	20-D1-FARM-1986			251	63200	0	500	500	100%	100%
20-99-00-019-045	20-D1-FARM-1986			251	63200	0	1,000	1,000	100%	100%
20-99-00-019-049	20-D1-FARM-1986			251	63200	0	75,000	75,000	100%	100%
20-99-00-019-051	20-D1-FARM-1986			251	63200	0	10,000	10,000	100%	100%
20-99-00-019-057	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-019-410	20-D1-FARM-1986			251	63200	3,500	0	(3,500)	100%	100%
20-99-00-019-428	20-D1-FARM-1986			251	63200	850	0	(850)	100%	100%
20-99-00-020-070	20-D1-FARM-1986			251	63200	25,750	0	(25,750)	100%	100%
20-99-00-020-080	20-D1-FARM-1986			251	63200	1,000	0	(1,000)	100%	100%
20-99-00-022-045	20-D1-FARM-1986			251	63200	4,900	5,720	820	100%	100%
20-99-00-023-160	20-D1-FARM-1986			251	63200	2,800	0	(2,800)	100%	100%
20-99-00-870-011	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-870-027	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-880-001	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-880-071	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-890-046	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-890-071	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-900-031	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-910-023	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-910-028	20-D1-FARM-1986			251	63200	0	1,050	1,050	100%	100%
20-99-00-910-030	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-910-035	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-920-019	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-920-039	20-D1-FARM-1986			251	63200	0	3,870	3,870	100%	100%
20-99-00-920-041	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-930-016	20-D1-FARM-1986			251	63200	0	1,360	1,360	100%	100%
20-99-00-940-015	20-D1-FARM-1986			251	63200	0	54,900	54,900	100%	100%
20-99-00-940-070	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-950-006	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-950-059	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-950-066	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-960-038	20-D1-FARM-1986			251	63200	0	5,270	5,270	100%	100%
20-99-00-980-046	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-990-017	20-D1-FARM-1986			251	63200	0	0	0	100%	100%
20-99-00-990-018	20-D1-FARM-1986			251	63200	0	60,230	60,230	100%	100%
20-99-00-990-022	20-D1-FARM-1986			251	63200	0	58,230	58,230	100%	100%
20-99-00-990-028	20-D1-FARM-1986			251	63200	0	10,230	10,230	100%	100%
20-99-99-201-086	20-D1-FARM-1986			251	63200	549,150	0	(549,150)	100%	100%

Tax

OAKLAND COUNTY

Summer

TR13103-DDA/BRA REPORT-CURRENT

2019 FINAL WARRANT - AD VALOREM

PARCEL	CAPTURE DISTRICT	2nd 3rd DDA	WPRE RFC	CLASS	SD	BASE VALUE	TAXABLE VALUE	CAPTURED VALUE	SUM PRE%	WIN PRE%
20-D1-FARM-1986 136				REAL P.R.E.		133,210	1,726,810	1,593,600		
				REAL NON-P.R.E.		7,715,890	19,245,090	11,529,200		
				TOTAL REAL		7,849,100	20,971,900	13,122,800		
20-D1-FARM-1986 181				PERSONAL P.R.E.		1,109,450	2,201,620	1,092,170		
				PERSONAL NON-P.R.E.		0	0	0		
				TOTAL PERSONAL		1,109,450	2,201,620	1,092,170		
20-D1-FARM-1986 0				BLL P.R.E.		0	0	0		
				BLL NON-P.R.E.		0	0	0		
				TOTAL BLL		0	0	0		
20-D1-FARM-1986 317				TOTAL P.R.E.		1,242,660	3,928,430	2,685,770		
				TOTAL NON-P.R.E.		7,715,890	19,245,090	11,529,200		
				GRAND TOTAL		8,958,550	23,173,520	14,214,970		
20-D1-FARM-1986 181				COMMERCIAL PERSONAL P.R.E.		1,109,450	2,201,620	1,092,170		
				(CLASS = 251 AND 950)						
20-D1-FARM-1986 0				INDUSTRIAL PERSONAL P.R.E.		0	0	0		
				(CLASS = 351, 951, 952, AND 953)						
20-D1-FARM-1986 0				RESC FORECLOSURE P.R.E.		0	0	0		
				RESC FORECLOSURE NON-P.R.E.		0	0	0		
				TOTAL RESC FORECLOSURE		0	0	0		
				(PRE - BILLED AS NON-PRE)						
20-D1-FARM-1986 0				WINTER P.R.E.		0	0	0		
				WINTER NON-P.R.E.		0	0	0		
				TOTAL WINTER		0	0	0		
				(PRE GRANTED FOR WINTER ONLY)						

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TR13103-DDA/BRA REPORT-CURRENT

2019 FINAL WARRANT - AD VALOREM

PARCEL	CAPTURE DISTRICT	2nd 3rd DDA	WPRE RFC	CLASS	SD	BASE VALUE	TAXABLE VALUE	CAPTURED VALUE	SUM PRE%	WIN PRE%
<b>W I N T E R  T O T A L S</b>	20-D1-FARM-1986			REAL P.R.E.		133,210	1,726,810	1,593,600		
	136			REAL NON-P.R.E.		7,715,890	19,245,090	11,529,200		
				TOTAL REAL		7,849,100	20,971,900	13,122,800		
	20-D1-FARM-1986			PERSONAL P.R.E.		1,109,450	2,201,620	1,092,170		
	181			PERSONAL NON-P.R.E.		0	0	0		
				TOTAL PERSONAL		1,109,450	2,201,620	1,092,170		
	20-D1-FARM-1986			BLL P.R.E.		0	0	0		
	0			BLL NON-P.R.E.		0	0	0		
				TOTAL BLL		0	0	0		
	20-D1-FARM-1986			TOTAL P.R.E.		1,242,660	3,928,430	2,685,770		
	317			TOTAL NON-P.R.E.		7,715,890	19,245,090	11,529,200		
				GRAND TOTAL		8,958,550	23,173,520	14,214,970		
20-D1-FARM-1986			COMMERCIAL PERSONAL P.R.E.		1,109,450	2,201,620	1,092,170			
181			(CLASS = 251 AND 950)							
20-D1-FARM-1986			INDUSTRIAL PERSONAL P.R.E.		0	0	0			
0			(CLASS = 351, 951, 952, AND 953)							
20-D1-FARM-1986			RESC FORECLOSURE P.R.E.		0	0	0			
0			RESC FORECLOSURE NON-P.R.E.		0	0	0			
			TOTAL RESC FORECLOSURE		0	0	0			
			(PRE - BILLED AS NON-PRE)							
20-D1-FARM-1986			WINTER P.R.E.		0	0	0			
0			WINTER NON-P.R.E.		0	0	0			
			TOTAL WINTER		0	0	0			
			(PRE GRANTED FOR WINTER ONLY)							



Following are the standards for City Council review of an amendment to the DDA development and tax increment financing plan:

1. After the public hearing, City Council must determine whether the Amended and Restated Development and Tax Increment Financing Plan (the "Amended Plan") constitutes a public purpose.
2. If Council determines that the Amended Plan constitutes a public purpose, Council must approve the Amended Plan, approve the Amended Plan with modification, or reject the Amended Plan. Council's decision to approve the Amended Plan with or without modification must be made by ordinance.
3. In determining whether to approve the Amended Plan, Council must consider the following factors:
  - a. The findings and recommendations of a development area citizens council, if a development area citizens council was formed.
  - b. Whether the plan meets the requirements set forth in section 217(2).
  - c. Whether the proposed method of financing the development is feasible and the authority has the ability to arrange the financing.
  - d. Whether the development is reasonable and necessary to carry out the purposes of the Act.
  - e. Whether the land included within the development area to be acquired is reasonably necessary to carry out the purposes of the plan and of the Act in an efficient and economically satisfactory manner.
  - f. Whether the development plan is in reasonable accord with the City's master plan.
  - g. Whether public services, such as fire and police protection and utilities are or will be adequate to service the project area.
  - h. Whether changes in zoning, streets, street levels, intersections, and utilities are reasonably necessary for the project and for the municipality.

The above standards can be included in the agenda packet to Council, with an explanation to Council that it must determine whether the Amended Plan constitutes a public purpose and meets the requirements of paragraph 3(a) – (h), above. To assist Council in its decision making, the report to Council could provide a brief explanation after each of the above standards identifying how each standard is met.

In addition, it may be helpful to provide Council with proposed motions for the approval or denial of the Amended Plan. The following proposed motions may assist Council in its decision making:

Motion to Approve

Motion to approve the Amended and Restated Development and Tax Increment Financing Plan dated October 1, 2020 based on the following considerations:

1. The Amended Plan constitutes a public purpose.
2. The Amended Plan meets the standards set forth in sections 219 and 217(2) of Public Act 57 of 2018.
3. The proposed method of financing the development is feasible and the DDA has the ability to arrange the financing.
4. The development is reasonable and necessary to carry out the purposes of the Act.
5. The land included within the development area is reasonably necessary to carry out the purposes of the plan and of the Act in an efficient and economically satisfactory manner.
6. The development plan is in reasonable accord with the City's master plan.
7. Public services are or will be adequate to service the project area.
8. Changes in zoning, streets, street levels, intersections, and utilities are reasonably necessary for the project and for the City. (\*Include this as part of the motion only if changes in zoning, streets, street levels, intersections and utilities are called for in the plan).

The motion is conditioned on the following modifications being made to the Amended Plan:

1. \_\_\_\_\_
2. \_\_\_\_\_

**RECODIFIED TAX INCREMENT FINANCING ACT (EXCERPT)**  
**Act 57 of 2018**

**125.4217 Development plan; preparation; contents.**

Sec. 217. (1) When a board decides to finance a project in the downtown district by the use of revenue bonds as authorized in section 213 or tax increment financing as authorized in sections 214, 215, and 216, it shall prepare a development plan.

(2) The development plan shall contain all of the following:

(a) The designation of boundaries of the development area in relation to highways, streets, streams, or otherwise.

(b) The location and extent of existing streets and other public facilities within the development area, shall designate the location, character, and extent of the categories of public and private land uses then existing and proposed for the development area, including residential, recreational, commercial, industrial, educational, and other uses, and shall include a legal description of the development area.

(c) A description of existing improvements in the development area to be demolished, repaired, or altered, a description of any repairs and alterations, and an estimate of the time required for completion.

(d) The location, extent, character, and estimated cost of the improvements including rehabilitation contemplated for the development area and an estimate of the time required for completion.

(e) A statement of the construction or stages of construction planned, and the estimated time of completion of each stage.

(f) A description of any parts of the development area to be left as open space and the use contemplated for the space.

(g) A description of any portions of the development area that the authority desires to sell, donate, exchange, or lease to or from the municipality and the proposed terms.

(h) A description of desired zoning changes and changes in streets, street levels, intersections, or utilities.

(i) An estimate of the cost of the development, a statement of the proposed method of financing the development, and the ability of the authority to arrange the financing.

(j) Designation of the person or persons, natural or corporate, to whom all or a portion of the development is to be leased, sold, or conveyed in any manner and for whose benefit the project is being undertaken if that information is available to the authority.

(k) The procedures for bidding for the leasing, purchasing, or conveying in any manner of all or a portion of the development upon its completion, if there is no express or implied agreement between the authority and persons, natural or corporate, that all or a portion of the development will be leased, sold, or conveyed in any manner to those persons.

(l) Estimates of the number of persons residing in the development area and the number of families and individuals to be displaced. If occupied residences are designated for acquisition and clearance by the authority, a development plan shall include a survey of the families and individuals to be displaced, including their income and racial composition, a statistical description of the housing supply in the community, including the number of private and public units in existence or under construction, the condition of those units in existence, the number of owner-occupied and renter-occupied units, the annual rate of turnover of the various types of housing and the range of rents and sale prices, an estimate of the total demand for housing in the community, and the estimated capacity of private and public housing available to displaced families and individuals.

(m) A plan for establishing priority for the relocation of persons displaced by the development in any new housing in the development area.

(n) Provision for the costs of relocating persons displaced by the development and financial assistance and reimbursement of expenses, including litigation expenses and expenses incident to the transfer of title, in accordance with the standards and provisions of the federal uniform relocation assistance and real property acquisition policies act of 1970, Public Law 91-646, 42 USC 4601.

(o) A plan for compliance with 1972 PA 227, MCL 213.321 to 213.332.

(p) Other material that the authority, local public agency, or governing body considers pertinent.

**History:** 2018, Act 57, Eff. Jan. 1, 2019.

**RECODIFIED TAX INCREMENT FINANCING ACT (EXCERPT)**  
**Act 57 of 2018**

**125.4219 Development plan or tax increment financing plan as constituting public purpose; determination; ordinance; considerations; amendments; incorporation of catalyst development project plan.**

Sec. 219. (1) The governing body after a public hearing on the development plan or the tax increment financing plan, or both, with notice of the hearing given in accordance with section 218, shall determine whether the development plan or tax increment financing plan constitutes a public purpose. If it determines that the development plan or tax increment financing plan constitutes a public purpose, it shall then approve or reject the plan, or approve it with modification, by ordinance based on the following considerations:

(a) The findings and recommendations of a development area citizens council, if a development area citizens council was formed.

(b) The plan meets the requirements set forth in section 217(2).

(c) The proposed method of financing the development is feasible and the authority has the ability to arrange the financing.

(d) The development is reasonable and necessary to carry out the purposes of this part.

(e) The land included within the development area to be acquired is reasonably necessary to carry out the purposes of the plan and of this part in an efficient and economically satisfactory manner.

(f) The development plan is in reasonable accord with the master plan of the municipality.

(g) Public services, such as fire and police protection and utilities, are or will be adequate to service the project area.

(h) Changes in zoning, streets, street levels, intersections, and utilities are reasonably necessary for the project and for the municipality.

(2) Amendments to an approved development plan or tax increment plan must be submitted by the authority to the governing body for approval or rejection.

(3) Proposed amendments made to an approved development plan to incorporate a catalyst development project plan shall be submitted by the authority to the Michigan strategic fund for approval or rejection of that part of the plan relating to the catalyst development project. Amendments not approved or rejected under this subsection by the Michigan strategic fund within 45 days of submission for approval shall be considered approved.

**History:** 2018, Act 57, Eff. Jan. 1, 2019.

**Farmington City Council  
Staff Report**

**Council Meeting  
Date:** April 5, 2021

**Item  
Number**  
6B

**Submitted by:** Kate Knight, DDA Director

**Agenda Topic:**

**Second Reading and Approval of Ordinance Adopting DDA Plan Amendment**

**Proposed Motion:**

Motion to approve the ordinance amending Chapter 11 of the City Code to provide for the approval and adoption of the Amended and Restated Development and Tax Increment Financing Plan dated October 1, 2020 for the reasons that Council has determined that the plan amendment constitutes a public purpose and meets the requirements of Public Act 57 of 2018.

**Background:**

The DDA Development Plan is one tool the DDA relies upon for identifying and implementing projects aimed at spurring new private investment. This tool is intended to plan and prioritize projects to help ensure that development and redevelopment within the downtown occurs in an orderly manner, and that improvements match the available revenues and can enable the DDA to become eligible for other funding sources. This Plan was prepared in accordance with the Downtown Development Authority Act, P.A. 57 of 2018.

The updated Plan was developed and reviewed by DDA staff, the City Director of Finance and Administration, Chris Weber, as well as a Committee of DDA Board members, with facilitation by CIB Planning staff. The Plan will provide optional incentive tools for individual development projects, each of which must present to the DDA Board for approval.

The DDA Board approved a DDA Plan Amendment at their October 7, 2020 Regular Meeting, requesting that the City Council call for a public hearing regarding the Plan Amendment, and to notify taxing jurisdictions and provide an opportunity for a meeting regarding the Plan Amendment. The Public Hearing Notice was published twice in the newspaper not less than 20 days or more than 40 days prior to the Public Hearing.

Assuming Council decides to approve the Amended Plan, a separate motion should be made to approve adoption of the ordinance amending Chapter 11 of the City Code providing for the approval and adoption of the Amended and Restated Development and Tax Increment Financing Plan dated October, 2020.

**Materials: Amended DDA Plan OCA Draft Ordinance**

STATE OF MICHIGAN

COUNTY OF OAKLAND

CITY OF FARMINGTON

ORDINANCE NO. C-\_\_\_\_-2021

**AN ORDINANCE TO AMEND THE CITY OF FARMINGTON CITY CODE OF ORDINANCES, CHAPTER 11, "COMMUNITY DEVELOPMENT," ARTICLE II, "DOWNTOWN DEVELOPMENT AUTHORITY," TO PROVIDE REVISED DEFINITIONS FOR THE APPROVAL AND ADOPTION OF AN AMENDED DEVELOPMENT PLAN; APPROVE AND ADOPT AN AMENDED DEVELOPMENT PLAN; AND PROVIDE FOR A REVISED PROJECT LIST AND TAX CAPTURE SCHEDULE**

**THE CITY OF FARMINGTON ORDAINS:**

**PART I.** That Chapter 11, "Community Development," Article II, "Downtown Development Authority," Section 11-51, "Definitions," of the City of Farmington Code of Ordinances is hereby amended to read as follows:

*Development Plan* means the "Amended and Restated Development Plan and Tax Increment Financing Plan" dated October 1, 2020 as transmitted to the City of Farmington City Council by the Downtown Development Authority for public hearing and confirmed by this Ordinance, copies of which are on file in the office of the City Clerk.

**PART II.** That Chapter 11, "Community Development," Article II, "Downtown Development Authority," Section 11-52, "Approval and adoption of amended and restated development plan," is hereby amended to read as follows:

**Sec. 11-52. - Approval and adoption of amended and restated development plan.**

The amended and restated development plan, as amended by council, is hereby approved and adopted. The duration of the plan shall be until December 31, 2038, or the date of issuance of the last series of bonds pursuant to the development plan, whichever is later, except as may be extended by subsequent amendment of the plan and this division. A copy of the plan and all amendments thereto shall be maintained on file in the city clerk's office and cross-indexed to this division.



I, the undersigned, the qualified and acting City Clerk of the City of Farmington, Oakland County, Michigan, do certify that the foregoing is a true and complete copy of the Ordinance adopted by the City Council of the City of Farmington at a meeting held on the \_\_\_\_ day of \_\_\_\_\_, 2021, the original of which is on file in my office.

---

MARY MULLISON, City Clerk  
City of Farmington

Adopted:  
Published:  
Effective:



<b>Farmington City Council Staff Report</b>	<b>Council Meeting Date:</b> April 5, 2021	<b>Reference Number 6C</b>
<b>Submitted by:</b> Melissa Andrade		
<b>Description</b> Special Event Request – Pavilion Story Time & Family Fun in Riley Park, Library		
<p><b>Requested Action</b> Move to approve Farmington Community Library Special Event Application for:</p> <ul style="list-style-type: none"> <li>• Pavilion Story Time: on June 17, 24; and July 1, 8, 15, 22 &amp; 29 from 11 a.m. until noon; and</li> <li>• Family Fun in Riley Park on June 23, July 7, 21, August 4 and 18, 2021 with set-up time starting at 6 p.m. and the actual concert from 7 until 8 p.m.</li> </ul> <p>Provided that all pandemic-related guidelines are followed.</p>		
<p><b>Background</b></p> <p>The City received two special event requests from Maria Showich-Gallup, Librarian with the Farmington Community Library.</p> <p>Both are popular annual events that have been a part of the community for about 13 years.</p>		
<b>Materials: Two applications: Family Fun in Riley Park and Pavilion Story Time</b>		

Event Name Pavilion Storytime

CITY USE ONLY
Approval Needed:
<input type="checkbox"/> City Manager
<input type="checkbox"/> City Council
<input type="checkbox"/> Approved
<input type="checkbox"/> Denied



### City of Farmington Special Event Application

This application is for all events in Riley Park and any other event in the City of Farmington that will bring in more than 25 people. Complete this application in accordance with the city of Farmington's Special Events Policy and return it to the City Manager's Office at least 30 days prior to the starting date of the event. If your event is approved, you will receive a written confirmation of approval.

Park fees are \$100 for residents and \$200 for non-residents.

**Event Name** Paulian Storytime

CERTIFICATION AND SIGNATURE: I understand and agree on behalf of myself or the sponsoring organization, the following:

- a. For public events, a certificate of insurance and endorsement must be provided naming the City of Farmington as additional insured. See Parks Reservation, Facility Use, and Special Events Policy, page 19, item J, for specific requirements and limits.
- b. If the event includes solicitation by workers standing in street intersections, the required safety precautions will be maintained at all times in accordance with the Department of Public Safety. Reference the Parks Reservation, Facility Use, and Special Events Policy, page 20, item K.
- c. All food vendors must be approved by the Oakland County Health Department and follow all required health regulations. Each food vendor must provide the City with a Certificate of Insurance as well as an endorsement naming the City of Farmington as additional insured. Form CG 20 26 or its equivalent is recommended. See Parks Reservation, Facility Use, and Special Events Policy, page 20, item M for more details.
- d. The approval of this special event may include additional requirements and/or limitations based on the city's review of this application, and in accordance with the city's Parks Reservation, Facility Use, and Special Events Policy. The event will be operated in conformance with the written confirmation of approval. See Parks Reservation, Facility Use, and Special Events Policy, page 21, item Q.
- e. The sponsoring organization may provide a security deposit for the estimated fees as may be required by the city and will promptly pay any billing for city services which may be rendered. See Parks Reservation, Facility Use, and Special Events Policy, page 17, items E and F.

**To the fullest extent permitted by law, the individual or sponsoring organization assume(s) all risks and agrees to defend, pay on behalf of, indemnify, and hold harmless, the City of Farmington, including all of its elected and appointed officials, all employees and volunteers, against any and all claims, demands, suits, or loss, including all costs connected therewith, including but not limited to attorney fees, and for any damages which maybe asserted, claimed, or recovered against or from the City of Farmington, by reason of personal injury, including bodily injury or death, and/or property damage, including loss of use thereof, which arise out of your actions during this event.**

As the duly authorized individual or agent of the sponsoring organization, I hereby apply for approval of this special event, affirm the above understandings, and agree that I (or the sponsoring organization) will comply with the city's Parks Reservation, Facility Use, and Special Events Policy, the terms of the Written Confirmation of Approval and all other city requirements, ordinances and other laws which apply to this special event.

December 4, 2020  
Date

Maria Stowick-Galep  
Signature

RETURN THIS APPLICATION AT LEAST THIRTY (30) DAYS PRIOR TO THE FIRST DAY OF THE EVENT TO:

City Manager's Office  
23600 Liberty Street  
Farmington, MI 48336

Phone: 248-474 5500, ext. 2221

*Failure to provide the above items shall result in cancellation of the event. The city shall not be liable for any cost incurred.*

Sponsoring Individual/Organization's Name: Farmington Community Library

Individual/Organization Phone: 248-553-0300 x 220

Individual/Organization Address: 23500 Liberty St.

Organization's Contact: Maria Showich-Gallup Phone: 734-395-6037

Contact's Title: Librarian E-mail: ms.gallup@farmlib.org

Address: 33791 Hamlin Ct.

Event Name: Pavilion Storytime

- Type of Event:
- |   |   |
|---|---|
| <input type="radio"/> Sponsored/City Operated   | <input type="radio"/> Co-Sponsored (all parties must provide info and sign application) |
| <input checked="" type="radio"/> Non-Profit     | <input type="radio"/> For Profit  |
| <input type="radio"/> Political or Ballot Issue | <input type="radio"/> Wedding   |
| <input type="radio"/> Video or Film Production  | <input type="radio"/> Running Event   |
| <input type="radio"/> Block Party               | <input type="radio"/> Other (describe)  |

Riley Park Permit Fee:

\$100 residents/\$200 non-residents

Event Purpose: Outdoor Storytime

Event Dates: June 17, 24, July 1, 8, 15, 22 & 29

Event Times: 11 am - 12 noon

Event Location: Pavilion @ Riley Park

Number of People Expected: 75-100

Contact Person on Day of Event: Maria Showich -gallup

Phone: 734-395-6037 (cell) work 248-553-0300 x220

Email: ms.gallup@farmlib.org

Estimated Time of Setup: 20-30 min

Estimated Time of Cleanup: 10 min

Crowd Control Plans:

Sidewalk use?  YES  NO

If yes, describe sidewalk use:

Reserved Parking: Are you requesting exempt Parking? (See Policy Section 5)

YES  NO

If yes, list the lots or locations where parking is requested:

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Will street closures be necessary?  YES  NO

If yes, describe street closures, include time of closure and re-open:

Will music be provided?  YES  NO

If yes, describe amplification and proposed location of band, speakers, equipment, etc.:

Will electricity be needed for the event?  YES  NO

Will the following be constructed or located in event area?

- |                  |                           |                                     |                                |
|------------------|---------------------------|-------------------------------------|--------------------------------|
| Booths           | <input type="radio"/> YES | <input checked="" type="radio"/> NO | Quantity: <input type="text"/> |
| Tents/Canopies   | <input type="radio"/> YES | <input checked="" type="radio"/> NO | Quantity: <input type="text"/> |
| Rides            | <input type="radio"/> YES | <input checked="" type="radio"/> NO | Quantity: <input type="text"/> |
| Tables           | <input type="radio"/> YES | <input checked="" type="radio"/> NO | Quantity: <input type="text"/> |
| Portable Toilets | <input type="radio"/> YES | <input checked="" type="radio"/> NO | Quantity: <input type="text"/> |
| Inflatables      | <input type="radio"/> YES | <input checked="" type="radio"/> NO | Quantity: <input type="text"/> |
| Food Vending     | <input type="radio"/> YES | <input checked="" type="radio"/> NO | Quantity: <input type="text"/> |
| Other Vendors    | <input type="radio"/> YES | <input checked="" type="radio"/> NO | Quantity: <input type="text"/> |

Other (describe)

If yes to food vendors, concessions, and/or other vendors, please list all of the vendors by vendor name, refer to Policy Section IV.2.N for license and insurance requirements:

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*\*If mobile food vending is proposed as part of an activity that also requires a special event permit, no additional or separate mobile food vending permit shall be required as state in the City Cod of Ordinances (Appendix A in policy).*

**An Event Map [is] [is not] attached.** If your event will use streets and/or sidewalks (for a parade, run, etc.) or will use multiple locations, please attach a complete map showing the assembly and dispersal locations and the route plan. Also show any streets or parking lots that you are requesting to be blocked off.

**For events in Riley Park: Invitation to Civic Organizations and Merchants in the Event Vicinity.**

Non-profit organizations and local merchants in the vicinity of Riley Park – the Central Business District -- should be given the opportunity to participate in the special event to the greatest extent practical; e.g., a local Deli might come out and sell bratwurst. You must demonstrate that reasonable efforts have been made with regard to such inclusion and participation. The City Manager’s office shall be responsible for determining whether this requirement has been met.

I have invited local businesses to participate.

Those invited include:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Event Signs:** Will this event include the use of signs  YES  NO

If yes, refer to Policy Section 8 for requirements and describe the size and location of your proposed signs. All signage must be approved by the City Manager’s Office.

**Event Cost Worksheet**

	Cost	Quantity	Total
Park usage fee			
Public Safety Assistance			
Public Services Assistance			
Cones			
Additional Barricades			
Additional Trash Barrels			
Other			
Total			0

Usage fee for Riley Park is \$100 for residents, \$200 for non-residents. Assistance from Public Services or Public Safety is \$65/hour with a minimum of two hours. The Public Services fee includes four trash barrels and four barricades. If additional equipment is needed, the fee will be determined by Public Services. Equipment is limited to cones, barricades and trash barrels.

Checks can be dropped off or mailed to the City Manager’s Office at Farmington City Hall: 23600 Liberty Street, Farmington, MI 48335. Make checks payable to the “City of Farmington.” There is a processing fee for credit cards payments. Credit card payments must be made at City Hall, we do not take credit card information via the phone.



Event Name Family Fun In Riley Park

CITY USE ONLY
Approval Needed:
<input type="checkbox"/> City Manager
<input type="checkbox"/> City Council
<hr/>
<input type="checkbox"/> Approved
<input type="checkbox"/> Denied



## City of Farmington Special Event Application

This application is for all events in Riley Park and any other event in the City of Farmington that will bring in more than 25 people. Complete this application in accordance with the city of Farmington's Special Events Policy and return it to the City Manager's Office at least 30 days prior to the starting date of the event. If your event is approved, you will receive a written confirmation of approval.

Park fees are \$100 for residents and \$200 for non-residents.

**Event Name** Family Fun in Riley Park

CERTIFICATION AND SIGNATURE: I understand and agree on behalf of myself or the sponsoring organization, the following:

- a. For public events, a certificate of insurance and endorsement must be provided naming the City of Farmington as additional insured. See Parks Reservation, Facility Use, and Special Events Policy, page 19, item J, for specific requirements and limits.
- b. If the event includes solicitation by workers standing in street intersections, the required safety precautions will be maintained at all times in accordance with the Department of Public Safety. Reference the Parks Reservation, Facility Use, and Special Events Policy, page 20, item K.
- c. All food vendors must be approved by the Oakland County Health Department and follow all required health regulations. Each food vendor must provide the City with a Certificate of Insurance as well as an endorsement naming the City of Farmington as additional insured. Form CG 20 26 or its equivalent is recommended. See Parks Reservation, Facility Use, and Special Events Policy, page 20, item M for more details.
- d. The approval of this special event may include additional requirements and/or limitations based on the city's review of this application, and in accordance with the city's Parks Reservation, Facility Use, and Special Events Policy. The event will be operated in conformance with the written confirmation of approval. See Parks Reservation, Facility Use, and Special Events Policy, page 21, item Q.
- e. The sponsoring organization may provide a security deposit for the estimated fees as may be required by the city and will promptly pay any billing for city services which may be rendered. See Parks Reservation, Facility Use, and Special Events Policy, page 17, items E and F.

**To the fullest extent permitted by law, the individual or sponsoring organization assume(s) all risks and agrees to defend, pay on behalf of, indemnify, and hold harmless, the City of Farmington, including all of its elected and appointed officials, all employees and volunteers, against any and all claims, demands, suits, or loss, including all costs connected therewith, including but not limited to attorney fees, and for any damages which maybe asserted, claimed, or recovered against or from the City of Farmington, by reason of personal injury, including bodily injury or death, and/or property damage, including loss of use thereof, which arise out of your actions during this event.**

As the duly authorized individual or agent of the sponsoring organization, I hereby apply for approval of this special event, affirm the above understandings, and agree that I (or the sponsoring organization) will comply with the city's Parks Reservation, Facility Use, and Special Events Policy, the terms of the Written Confirmation of Approval and all other city requirements, ordinances and other laws which apply to this special event.

December, 4, 2020  
Date

maria Stowick-gallego  
Signature

RETURN THIS APPLICATION AT LEAST THIRTY (30) DAYS PRIOR TO THE FIRST DAY OF THE EVENT TO:

City Manager's Office  
23600 Liberty Street  
Farmington, MI 48336

Phone: 248-474 5500, ext. 2221

*Failure to provide the above items shall result in cancellation of the event. The city shall not be liable for any cost incurred.*

Sponsoring Individual/Organization's Name: Farmington Community Library

Individual/Organization Phone: 248-553-0300 x220

Individual/Organization Address: 23500 Liberty St.

Organization's Contact: Maria Showich-Gallup Phone: 734-395-6037

Contact's Title: Librarian E-mail: ms.gallup@farmlib.org

Address: 33791 Hamlin Ct

Event Name: Farmington Community Library

- Type of Event:
- |   |   |
|---|---|
| <input type="radio"/> Sponsored/City Operated   | <input type="radio"/> Co-Sponsored (all parties must provide info and sign application) |
| <input type="radio"/> Non-Profit                | <input type="radio"/> For Profit  |
| <input type="radio"/> Political or Ballot Issue | <input type="radio"/> Wedding   |
| <input type="radio"/> Video or Film Production  | <input type="radio"/> Running Event   |
| <input type="radio"/> Block Party               | <input type="radio"/> Other (describe)  |

Riley Park Permit Fee:

\$100 residents/\$200 non-residents

Event Purpose: Family Fun In Riley Park - Family Friendly Entertainment

Event Dates: June 23, July 7, 21 Aug 4, 18

Event Times: 7pm - 8pm

Event Location: Riley Park Pavilion

Number of People Expected: 100 +

Contact Person on Day of Event: Maria Showich-Gallup

Phone: 734-395-6037 (cell) 248-553-0300x220 (work)

Email: ms.gallup@farmlib.org

Estimated Time of Setup: 1 hr - 30 min

Estimated Time of Cleanup: 30 min

Crowd Control Plans:

Sidewalk use?  YES  NO

If yes, describe sidewalk use:

Reserved Parking: Are you requesting exempt Parking? (See Policy Section 5)

YES  NO

If yes, list the lots or locations where parking is requested:

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Will street closures be necessary?  YES  NO

If yes, describe street closures, include time of closure and re-open:

Will music be provided?  YES  NO

If yes, describe amplification and proposed location of band, speakers, equipment, etc.:

Will electricity be needed for the event?  YES  NO

Will the following be constructed or located in event area?

Booths	<input type="radio"/> YES	<input type="radio"/> NO	Quantity: <input type="text"/>
Tents/Canopies	<input type="radio"/> YES	<input type="radio"/> NO	Quantity: <input type="text"/>
Rides	<input type="radio"/> YES	<input type="radio"/> NO	Quantity: <input type="text"/>
Tables	<input checked="" type="radio"/> YES	<input type="radio"/> NO	Quantity: <input type="text" value="2"/>
Portable Toilets	<input type="radio"/> YES	<input type="radio"/> NO	Quantity: <input type="text"/>
Inflatables	<input type="radio"/> YES	<input type="radio"/> NO	Quantity: <input type="text"/>
Food Vending	<input type="radio"/> YES	<input type="radio"/> NO	Quantity: <input type="text"/>
Other Vendors	<input type="radio"/> YES	<input type="radio"/> NO	Quantity: <input type="text"/>

Other (describe)

If yes to food vendors, concessions, and/or other vendors, please list all of the vendors by vendor name, refer to Policy Section IV.2.N for license and insurance requirements:

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**An Event Map [is] [is not] attached.** If your event will use streets and/or sidewalks (for a parade, run, etc.) or will use multiple locations, please attach a complete map showing the assembly and dispersal locations and the route plan. Also show any streets or parking lots that you are requesting to be blocked off.

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I have invited local businesses to participate.

Those invited include:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Event Signs:** Will this event include the use of signs  YES  NO

If yes, refer to Policy Section 8 for requirements and describe the size and location of your proposed signs. All signage must be approved by the City Manager’s Office.

**Event Cost Worksheet**

	Cost	Quantity	Total
Park usage fee			
Public Safety Assistance			
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Additional Barricades			
Additional Trash Barrels			
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Total			0

Usage fee for Riley Park is \$100 for residents, \$200 for non-residents. Assistance from Public Services or Public Safety is \$65/hour with a minimum of two hours. The Public Services fee includes four trash barrels and four barricades. If additional equipment is needed, the fee will be determined by Public Services. Equipment is limited to cones, barricades and trash barrels.

Checks can be dropped off or mailed to the City Manager’s Office at Farmington City Hall: 23600 Liberty Street, Farmington, MI 48335. Make checks payable to the “City of Farmington.” There is a processing fee for credit cards payments. Credit card payments must be made at City Hall, we do not take credit card information via the phone.

**Farmington City Council  
Staff Report**

**Council Meeting  
Date: April 5, 2021**

**Reference  
Number  
6D**

**Submitted by: Kate Knight and Kevin Christiansen**

**Description** Consideration to adopt Resolution extending approval of Resolution 06-20-016 regarding relaxation of certain requirements for reopening retail and restaurant/bar businesses in light of COVID-19 Pandemic

**Requested Action** Move to adopt a Resolution extending Resolution 06-20-016 regarding relaxation of certain requirements for reopening retail and restaurant/bar businesses in light of COVID-19 Pandemic from April 14, 2021 through October 31, 2021.

**Background** At its June 1, 2020 meeting, City Council approved resolution 06-20-016 regarding special event authorization and requirements for reopening certain retail and restaurant/bar businesses in light of the COVID-19 pandemic. The special authorization was initially set to expire on October 31, 2020 but was extended until April 14, 2021. Local businesses have requested further extension of the special authorization based on the continuing restrictions on seating capacity that are still in place as a result of current Michigan Department of Health and Human Services Orders.

**Materials: resolution**



**CITY OF FARMINGTON**  
**COUNTY OF OAKLAND, MICHIGAN**

**RESOLUTION EXTENDING JUNE 1, 2020 RESOLUTION REGARDING SPECIAL EVENT  
AUTHORIZATION AND REQUIREMENTS FOR REOPENING CERTAIN RETAIL AND  
RESTAURANT/BAR BUSINESSES IN LIGHT OF COVID-19 PANDEMIC**

Minutes of a Meeting of the City Council of the City of Farmington, County of Oakland, Michigan, held in the City Hall of said City on \_\_\_\_\_, \_\_\_\_\_, at \_\_\_\_ o'clock P.M. Prevailing Eastern Time.

PRESENT: Councilmembers \_\_\_\_\_

ABSENT: Councilmembers \_\_\_\_\_

The following preamble and Resolution were offered by Councilmember \_\_\_\_\_ and supported by Councilmember \_\_\_\_\_.

**WHEREAS**, on June 1, 2020, the City adopted a resolution that granted special event approval for certain outdoor activities as a result of the COVID-19 situation; and

**WHEREAS**, the Resolution was to expire on October 31, 2020;

**WHEREAS**, on September 21, 2020, City Council extended the Resolution through April 14, 2021.

**WHEREAS**, the City has determined that it is appropriate for that date to be further extended.

**NOW, THEREFORE**, the City council hereby amends Resolution No. 06-20-016 to extend the date set forth in paragraph 8 from April 14, 2021 through October 31, 2021.

The authorizations set forth in this Resolution are subject to the following:

- a. If the Michigan Department of Health and Human Services revokes or rescinds the Public Health Orders requiring limitations on indoor dining and occupancy, and social distancing limitations are no longer in force and effect, this authorization shall become null and

void, and any activities authorized shall cease within 7 days of such revocation, expiration, or termination.

- b. If the City adopts an ordinance or ordinances relating to the subject matter of this resolution, this Resolution shall be considered revoked upon the effective date thereof, and all uses shall comply with the new or amended ordinance.
- c. The City Council may revoke or amend this Resolution at any time, and such revocation or amendment shall be effective immediately.

**AYES:**

**NAYS:**

RESOLUTION DECLARED ADOPTED.

\_\_\_\_\_  
Mary Mullison, City Clerk

**CERTIFICATION**

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of Farmington, County of Oakland, and State of Michigan, at a regular meeting held this \_\_\_\_ day of \_\_\_\_\_, 2021, and that public notice of said meeting was given pursuant to and in full compliance with Act No. 267, Public Acts of Michigan, 1976, and that the minutes of said meeting have been kept and made available to the public as required by said Act.

\_\_\_\_\_  
Mary Mullison, City Clerk  
City of Farmington

<b>Farmington City Council Staff Report</b>	<b>Council Meeting Date:</b> April 5, 2021	<b>Item Number 6E</b>								
<b>Submitted by:</b> Charles Eudy, Superintendent										
<b>Agenda Topic:</b> Sundquist Pavilion Heating Improvements.										
<b>Proposed Motion:</b> Move to award the contract for the Sundquist Pavilion Heating Improvements to Mechanical 1 in the amount of \$13,465.00 and authorize the City Manager to execute the contract.										
<p><b>Background:</b> City Administration, along with the DDA and Farmers Market, has accepted proposals to improve the heating at Sundquist Pavilion located in Riley Park. The use of the Pavilion over the last several years has increased and there is a demand for improved heating. The current 9- 50,000 BTU output ceramic heaters are not well suited for this application and are problematic due to birds building nest in the heaters during the off season.</p> <p>The DDA has received a winter weatherization grant to conduct improvements within the DDA. Due to the increased usage of the Sundquist Pavilion, record attendance of the Farmers Market, and the Ice Rink, the DDA decided to apply the grant toward Sundquist Pavilion improvements. The DDA met with Ron Lawhead of Radiant Energy Systems Inc. to review the building and recommend the type of heater that should be installed. Walt Gajewski and I met with each vendor and reviewed their proposals.</p> <p><b>Bid Tab</b></p> <table data-bbox="113 1186 1128 1333"> <tr> <td>Radiant Energy System Equipment only</td> <td>\$6,620.00</td> </tr> <tr> <td>BLDG001 Equipment and installation (option #2)</td> <td>\$15,777.00</td> </tr> <tr> <td>Buckley Mechanical equipment and installation (option #2)</td> <td>\$15,815.00</td> </tr> <tr> <td>Mechanical 1 equipment and installation (option #2)</td> <td>\$13,465.00</td> </tr> </table> <p>The existing 9 ceramic heaters will be removed from service and possibly redeployed at the Public Works garage or auctioned. Each vendor recommended to expand the placement of the wind screens at the pavilion to realize the improved heating. Replacing the 9 ceramic heaters with only 3 radiant heaters will reduce the number of service calls to repair the heaters. Total BTU output will increase from 450,000 to 525,000.</p>			Radiant Energy System Equipment only	\$6,620.00	BLDG001 Equipment and installation (option #2)	\$15,777.00	Buckley Mechanical equipment and installation (option #2)	\$15,815.00	Mechanical 1 equipment and installation (option #2)	\$13,465.00
Radiant Energy System Equipment only	\$6,620.00									
BLDG001 Equipment and installation (option #2)	\$15,777.00									
Buckley Mechanical equipment and installation (option #2)	\$15,815.00									
Mechanical 1 equipment and installation (option #2)	\$13,465.00									
<p><b>Materials:</b> Attached Quotes R21-160 Drawing Revision K Revision W Proposal extension notice from Radiant Energy</p>										

# Quotation

**Radiant Energy Systems, Inc.**

29757 ANTHONY DR  
WIXOM, MI 48393  
(248) 624-8550  
FAX 624-8567



QUOTE NUMBER: **R21-160**  
DATE: **1-29-2021**



SUBMITTED TO: <b>City of Farmington</b>	PHONE:	DATE: <b>1-29-2021</b>
<b>Kate Knight</b>	JOB NAME: <b>Sundquist Pavilion @</b>	
<b>kknight@farmgov.com</b>	<b>Riley Park</b>	
ATTENTION: <b>248-672-0258</b>	<b>Farmington, MI</b>	

WE APPRECIATE THE OPPORTUNITY TO QUOTE YOU THE FOLLOWING EQUIPMENT:

## Roberts Gordon Infrared Heating System

Qty: (3) - BH-175, 175MBH, 42 Ft. Single Stage U-Tube Heaters, LPG  
 Complete with: (3) Line T-Stats  
 And Includes: Aluminized Transition Tube, Aluminized Heat Exchanger Tubes, Stainless Steel Couplers, Hangers, Reflectors, U- Tube Package, Adjustable Elbows, Rain Cap, Gas Flex with Shut-Off, Chain Sets and Delivery.

Net: \$6,620.00 + Tax

NOTE: This quote is for the equipment only. Does Not include installation.

Three year burner head warranty  
 Ten year tube & Reflector warranty

We Propose HEREBY TO FURNISH MATERIAL - COMPLETE IN ACCORDANCE WITH THE ABOVE SPECIFICATIONS, FOR THE SUM OF:

as above

DOLLARS as above

PAYMENT TO MADE AS FOLLOWS: **TBD**

NOTICE: SELLER'S WARRANTY SHALL NOT APPLY TO DAMAGE TO THE PRODUCT WHEN USED IN AN ATMOSPHERE CONTAINING CORROSIVE COMPONENTS, HOWEVER THE ENGINEER MAY DESIGN OUTSIDE AIR FOR COMBUSTION TO THE BURNERS.  
 LATE CHARGES, COLLECTION AND CANCELLATION COST: LATE CHARGES OF 1.25% PER MONTH SHALL BE ADDED IN ACCORDANCE WITH THE COLLECTION AGENCY FEE AND REASONABLE ATTORNEY'S FEES UP TO 25%. ANY ORDER THAT IS CANCELLED AFTER TWO (2) WORKING DAYS WILL INCUR A CANCELLATION CHARGE OF 5%. ANY ORDER CANCELLED AFTER SHIPMENT WILL INCUR A 15% CHARGE FOR THE NET INVOICE AMOUNT, PLUS FREIGHT.

AUTHORIZED SIGNATURE:

**Ron Lawhead**

NOTE: THIS PROPOSAL MAY BE WITHDRAWN IF NOT ACCEPTED WITHIN:

**30 DAYS**

### Acceptance of Quotation -

THE ABOVE PRICES, SPECIFICATIONS AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. PAYMENT WILL BE MADE AS OUTLINED.

AUTHORIZED SIGNATURE: \_\_\_\_\_

DATE OF ACCEPTANCE: \_\_\_\_\_

# Quotation

## Radiant Energy Systems, Inc.



29757 ANTHONY DR  
WIXOM, MI 48393  
(248) 624-8550  
FAX 624-8567



QUOTE NUMBER: R21-160-1  
DATE: 2-23-2021

SUBMITTED TO: City of Farmington	PHONE:
Chuck Eudy	JOB NAME: Sundquist Pavilion @
Director of Public Works	Riley Park
ATTENTION: 248-473-7250	Farmington, MI

WE APPRECIATE THE OPPORTUNITY TO QUOTE YOU THE FOLLOWING EQUIPMENT:

### Roberts Gordon Infrared Heating System

Qty: (3) - BH-175, 175MBH, 42 Ft. Single Stage U-Tube Heaters, Natural Gas  
 Complete with: (3) Line T-Stats  
 And Includes: Aluminized Transition Tube, Aluminized Heat Exchanger Tubes, Stainless Steel Couplers, Hangers, Reflectors, U- Tube Package, Adjustable Elbows, Tjernlund Termination Vents, Smoke Pipe, Gas Flex with Shut-Off, Chain Sets and Delivery.

Equipment: \$6,980.00 + Tax  
 Labor: \$8,712.00

### OPTION

Qty: (3) - DF-175/120, 175/120MBH, 52 Ft. Two Stage U-Tube Heaters, Natural Gas  
 Complete with: (3) 24V 5+2 Programmable T-Stats  
 And Includes: Aluminized Transition Tube, Aluminized Heat Exchanger Tubes, Stainless Steel Couplers, Hangers, Reflectors, U- Tube Package, Adjustable Elbows, Tjernlund Termination Vents, Smoke Pipe, Gas Flex with Shut-Off, Chain Sets and Delivery.

Equipment: \$7,065.00 + Tax  
 Labor: \$8,712.00

Three year burner head warranty  
Ten year tube & Reflector warranty

LABOR Provided by: BLDG001 - Christopher Burcham

We Propose HEREBY TO FURNISH MATERIAL - COMPLETE IN ACCORDANCE WITH THE ABOVE SPECIFICATIONS, FOR THE SUM OF:

as above \_\_\_\_\_ DOLLARS as above

PAYMENT TO MADE AS FOLLOWS: TBD

NOTICE: SELLER'S WARRANTY SHALL NOT APPLY TO DAMAGE TO THE PRODUCT WHEN USED IN AN ATMOSPHERE CONTAINING CORROSIVE COMPONENTS, HOWEVER THE ENGINEER MAY DESIGN OUTSIDE AIR FOR COMBUSTION TO THE BURNERS.  
 LATE CHARGES, COLLECTION AND CANCELLATION COST: LATE CHARGES OF 1.25% PER MONTH SHALL BE ADDED IN ACCORDANCE WITH THE COLLECTION AGENCY FEE AND REASONABLE ATTORNEY'S FEES UP TO 25%. ANY ORDER THAT IS CANCELLED AFTER TWO (2) WORKING DAYS WILL INCUR A CANCELLATION CHARGE OF 5%. ANY ORDER CANCELLED AFTER SHIPMENT WILL INCUR A 15% CHARGE FOR THE NET INVOICE AMOUNT, PLUS FREIGHT.

AUTHORIZED SIGNATURE:

Ron Lawhead

NOTE: THIS PROPOSAL MAY BE WITHDRAWN IF NOT ACCEPTED WITHIN:

30 DAYS

### Acceptance of Quotation -

THE ABOVE PRICES, SPECIFICATIONS AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. PAYMENT WILL BE MADE AS OUTLINED.

AUTHORIZED SIGNATURE: \_\_\_\_\_

DATE OF ACCEPTANCE: \_\_\_\_\_

# Quotation

## Radiant Energy Systems, Inc.



29757 ANTHONY DR  
WIXOM, MI 48393  
(248) 624-8550  
FAX 624-8567



QUOTE NUMBER: R21-160-2  
DATE: 2-23-2021



GordonRay \* UltraVac  
VANTAGE \* Caribe

SUBMITTED TO: <b>City of Farmington</b>	PHONE:
<b>Chuck Eudy</b>	JOB NAME: <b>Sundquist Pavilion @</b>
<b>Director of Public Works</b>	<b>Riley Park</b>
ATTENTION: <b>248-473-7250</b>	<b>Farmington, MI</b>

WE APPRECIATE THE OPPORTUNITY TO QUOTE YOU THE FOLLOWING EQUIPMENT:

### Roberts Gordon Infrared Heating System

Qty: (3) - BH-175, 175MBH, 42 Ft. Single Stage U-Tube Heaters, Natural Gas

Equipment: \$6,980.00 + Tax

Complete with: (3) Line T-Stats

Labor: \$8,750.00

And Includes: Aluminized Transition Tube, Aluminized Heat Exchanger Tubes, Stainless Steel Couplers, Hangers, Reflectors, U- Tube Package, Adjustable Elbows, Tjernlund Termination Vents, Smoke Pipe, Gas Flex with Shut-Off, Chain Sets and Delivery.

### OPTION

Qty: (3) - DF-175/120, 175/120MBH, 52 Ft. Two Stage U-Tube Heaters, Natural Gas

Equipment: \$7,065.00 + Tax

Complete with: (3) 24V 5+2 Programmable T-Stats

Labor: \$8,750.00

And Includes: Aluminized Transition Tube, Aluminized Heat Exchanger Tubes, Stainless Steel Couplers, Hangers, Reflectors, U- Tube Package, Adjustable Elbows, Tjernlund Termination Vents, Smoke Pipe, Gas Flex with Shut-Off, Chain Sets and Delivery.

Three year burner head warranty

Ten year tube & Reflector warranty

LABOR Provided by: Buckley Mechanical Heating Cooling & Refrigeration LLC - Scot Buckley

We Propose \_\_\_\_\_ HEREBY TO FURNISH MATERIAL - COMPLETE IN ACCORDANCE WITH THE ABOVE SPECIFICATIONS, FOR THE SUM OF:

as above

\_\_\_\_\_ DOLLARS as above

PAYMENT TO MADE AS FOLLOWS: **TBD**

NOTICE: SELLER'S WARRANTY SHALL NOT APPLY TO DAMAGE TO THE PRODUCT WHEN USED IN AN ATMOSPHERE CONTAINING CORROSIVE COMPONENTS, HOWEVER THE ENGINEER MAY DESIGN OUTSIDE AIR FOR COMBUSTION TO THE BURNERS.  
LATE CHARGES, COLLECTION AND CANCELLATION COST: LATE CHARGES OF 1.25% PER MONTH SHALL BE ADDED IN ACCORDANCE WITH THE COLLECTION AGENCY FEE AND REASONABLE ATTORNEY'S FEES UP TO 25%. ANY ORDER THAT IS CANCELLED AFTER TWO (2) WORKING DAYS WILL INCUR A CANCELLATION CHARGE OF 5%. ANY ORDER CANCELLED AFTER SHIPMENT WILL INCUR A 15% CHARGE FOR THE NET INVOICE AMOUNT, PLUS FREIGHT.

AUTHORIZED SIGNATURE:

Ron Lawhead

NOTE: THIS PROPOSAL MAY BE WITHDRAWN IF NOT ACCEPTED WITHIN:

30 DAYS

### Acceptance of Quotation -

THE ABOVE PRICES, SPECIFICATIONS AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. PAYMENT WILL BE MADE AS OUTLINED.

AUTHORIZED SIGNATURE: \_\_\_\_\_

DATE OF ACCEPTANCE: \_\_\_\_\_

# Quotation

## Radiant Energy Systems, Inc.



29757 ANTHONY DR  
WIXOM, MI 48393  
(248) 624-8550  
FAX 624-8567



QUOTE NUMBER: R21-160-3  
DATE: 2-23-2021

SUBMITTED TO: City of Farmington	PHONE:
Chuck Eudy	JOB NAME: Sundquist Pavilion @
Director of Public Works	Riley Park
ATTENTION: 248-473-7250	Farmington, MI

WE APPRECIATE THE OPPORTUNITY TO QUOTE YOU THE FOLLOWING EQUIPMENT:

### Roberts Gordon Infrared Heating System

Qty: (3) - BH-175, 175MBH, 42 Ft. Single Stage U-Tube Heaters, Natural Gas  
Complete with: (3) Line T-Stats  
And Includes: Aluminized Transition Tube, Aluminized Heat Exchanger Tubes, Stainless Steel Couplers, Hangers, Reflectors, U- Tube Package, Adjustable Elbows, Tjernlund Termination Vents, Smoke Pipe, Gas Flex with Shut-Off, Chain Sets and Delivery.

Equipment: \$6,980.00 + Tax  
Labor: \$6,400.00

### OPTION

Qty: (3) - DF-175/120, 175/120MBH, 52 Ft. Two Stage U-Tube Heaters, Natural Gas  
Complete with: (3) 24V 5+2 Programmable T-Stats  
And Includes: Aluminized Transition Tube, Aluminized Heat Exchanger Tubes, Stainless Steel Couplers, Hangers, Reflectors, U- Tube Package, Adjustable Elbows, Tjernlund Termination Vents, Smoke Pipe, Gas Flex with Shut-Off, Chain Sets and Delivery.

Equipment: \$7,065.00 + Tax  
Labor: \$6,400.00

Three year burner head warranty  
Ten year tube & Reflector warranty

LABOR Provided by: Mechanical 1 - Kurt Wagner

We Propose HEREBY TO FURNISH MATERIAL - COMPLETE IN ACCORDANCE WITH THE ABOVE SPECIFICATIONS, FOR THE SUM OF:

as above \_\_\_\_\_ DOLLARS as above

PAYMENT TO MADE AS FOLLOWS: TBD

NOTICE: SELLER'S WARRANTY SHALL NOT APPLY TO DAMAGE TO THE PRODUCT WHEN USED IN AN ATMOSPHERE CONTAINING CORROSIVE COMPONENTS, HOWEVER THE ENGINEER MAY DESIGN OUTSIDE AIR FOR COMBUSTION TO THE BURNERS.  
LATE CHARGES, COLLECTION AND CANCELLATION COST: LATE CHARGES OF 1.25% PER MONTH SHALL BE ADDED IN ACCORDANCE WITH THE COLLECTION AGENCY FEE AND REASONABLE ATTORNEY'S FEES UP TO 25%. ANY ORDER THAT IS CANCELLED AFTER TWO (2) WORKING DAYS WILL INCUR A CANCELLATION CHARGE OF 5%. ANY ORDER CANCELLED AFTER SHIPMENT WILL INCUR A 15% CHARGE FOR THE NET INVOICE AMOUNT, PLUS FREIGHT.

AUTHORIZED SIGNATURE:

Ron Lawhead

NOTE: THIS PROPOSAL MAY BE WITHDRAWN IF NOT ACCEPTED WITHIN:

30 DAYS

### Acceptance of Quotation -

THE ABOVE PRICES, SPECIFICATIONS AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. PAYMENT WILL BE MADE AS OUTLINED.

AUTHORIZED SIGNATURE: \_\_\_\_\_

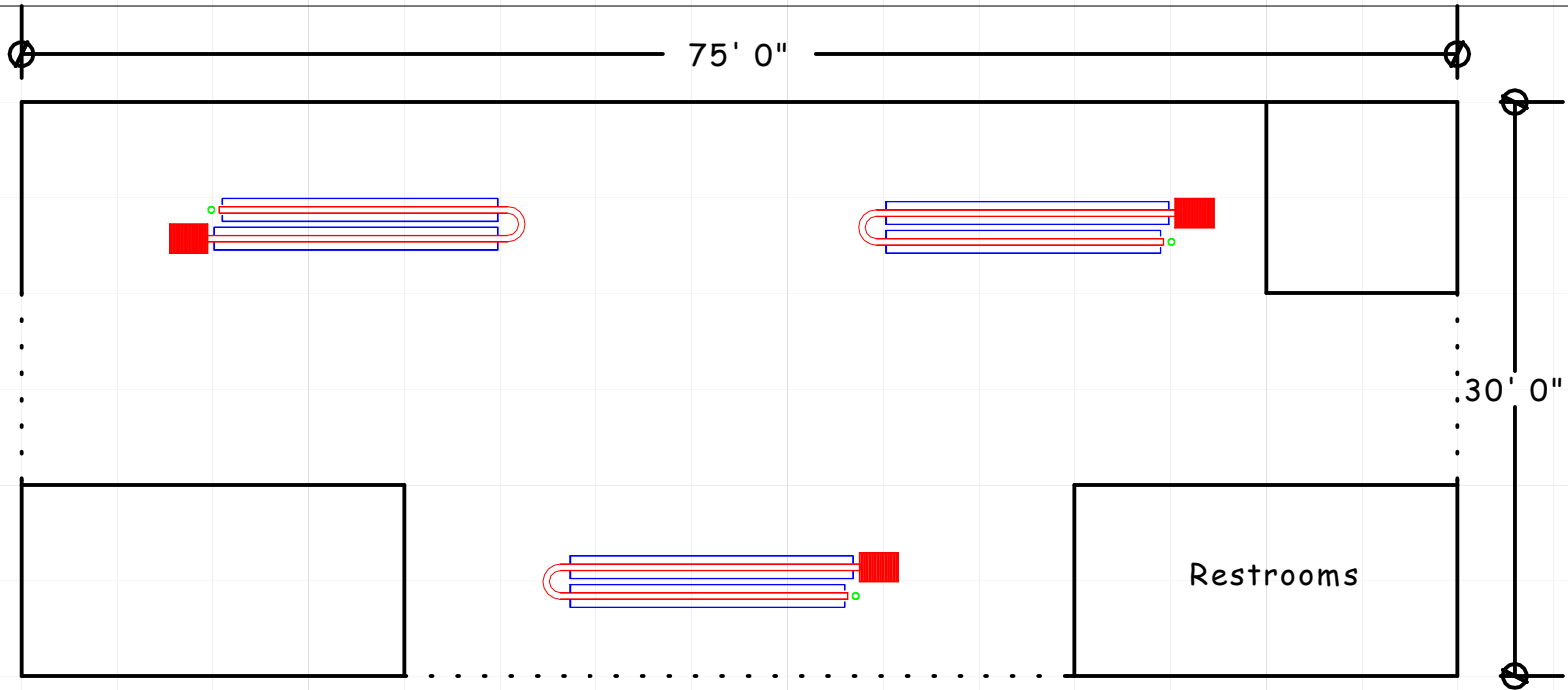
DATE OF ACCEPTANCE: \_\_\_\_\_

# Radiant Energy Systems

Sundquist Pavilion @ Riley Park  
Kate Knight

Date: 1-29-2021  
Job #: R21-160

Scale: 1" = 10'-0"



ICE RINK

## GORDON-RAY RADIANT HEATING SYSTEM

### GORDON-RAY BURNER SCHEDULE

NUMBER OF BURNERS	MODEL	BTU INPUT/HR	MOUNTING HEIGHT
3	BH-175 U-TUBES	175,000	AS DIRECTED

### GENERAL NOTES

GAS SERVICE REQUIRED TO EACH BURNER AT 1/2 PSI MAX  
 PITCH HEATER 1/2" PER 20'-0" TOWARDS VENT END  
 ELECTRICAL SERVICE REQUIRED AT EACH BURNER (115 VOLTS) 1 AMP  
 MOUNT THERMOSTATS AT 5'-0" A.F.F.



# GORDONRAY®

## ROBERTS GORDON®

### Dual Fire Infrared Heater



## MODEL DF

#### Two Distinct Fire Rates Provide Effective Heat Control Resulting in Fuel Savings

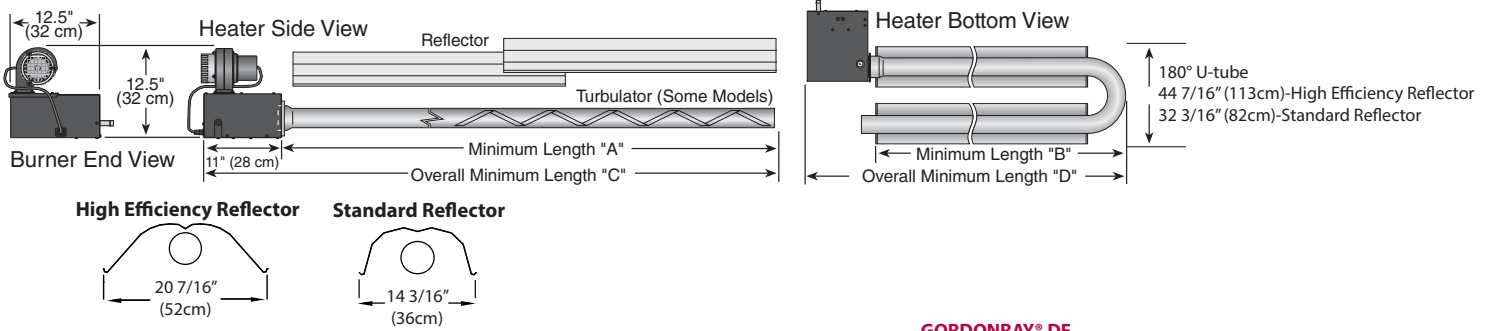
- Two stage technology produces a comfortable heat pattern provided by the ability to fire at two distinct rates
- External LED burner status lights indicating high or low operation
- Durable components provide reliable long lasting performance
- Flexible layout options included both L – and U-tube configurations along a broad range of burner sizes and tube lengths
- Clean, quiet draft-free comfort



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THE INDUSTRY LEADER  
**RADIANT**  
EFFICIENCY™

# ROBERTS GORDON® THE EXCLUSIVE PRODUCER OF GORDONRAY™



Model	GORDONRAY® DF						
	DF-80	DF-100	DF-125	DF-150	DF-175	DF-200	
Minimum Length of Straight Tube*	[ft, in] A	20	30	30	40	50	60
Minimum Length of U-Tube*	[ft, in] B	11, 7	16, 7	16, 7	21, 7	26, 7	31, 7
Overall Minimum Length of Straight Tube*	[ft, in] C	20, 11	30, 11	30, 11	40, 11	50, 11	60, 11
Overall Minimum Length of U-Tube*	[ft, in] D	12, 6	17, 6	17, 6	22, 6	27, 6	32, 6

\*For additional lengths, please see the current Installation, Operation and Service Manual.

<b>Input (Btu/h) x (1000) High</b>		<b>80</b>	<b>100</b>	<b>125</b>	<b>150</b>	<b>175</b>	<b>200</b>
<b>Input (Btu/h) x (1000) Low</b>		<b>55</b>	<b>70</b>	<b>85</b>	<b>105</b>	<b>120</b>	<b>130</b>
Inlet Pressure	[in wc] NG min.	4.6	4.6	4.6	4.6	5	5
	NG max.	14	14	14	14	14	14
Gas Connection	NPT	½"	½"	½"	¾"	¾"	¾"
Combustion Air Inlet	dia	4"					
Exhaust Flue	dia	4"					
<b>Weights</b>							
<b>Aluminized Tube and Accessory Packages [ft]</b>		<b>20</b>	<b>30</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>70</b>
High Efficiency Aluminum Reflector	[lb]	89	124	167	213	248	291
Standard Aluminum Reflector	[lb]	86	120	161	206	240	281
<b>Burner</b>	[lb]	29					
<b>U-tube Packages</b>							
Aluminized U-tube for High Efficiency Reflector	[lb]	23					
Aluminized U-tube for Standard Reflector	[lb]	19					
Fuel		NG Only					
Electrical Supply		120 V, 60 Hz, 1 A					
Thermostat		Two Stage Required (Not Included with Heater) (Connection - Built-In Receptacle on Burner)					
Heat Exchanger Tubing		10 ft Sections, 4" dia, 16 Gauge, First 10 ft ALUMI-THERM® Steel Tubing [Heat Treated Aluminized or Double Porcelain Coated Steel Tubing]					
Reflector and End Caps		.024 Aluminum [Optional - .024 Stainless Steel Type 304]					
Control System		Fully Automatic, Three-Try, 100% Shut-Off, Direct Spark Electronic Ignition Control, Dual Stage Firing Rate					
Approved As		Indoor (Vented or Unvented)					
Certification		ANSI Z83.20/CSA 2.34, 2.17, 2.20					
Warranty		Three-Year Limited (Refer to Installation, Operation and Service Manual for Details)					

## Clearances to Combustibles \*\*[in]

Model	Horizontal	45°	DF-80		DF-100		DF-125		DF-150		DF-175		DF-200		
			Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	
			A	6	8	6	10	6	10	6	12	8	12	8	12
			B	38	8	40	8	46	8	50	8	52	8	52	10
			C	65	65	70	73	76	77	79	83	82	85	96	85
			D	38	60	40	64	46	69	50	74	52	79	52	79

\*\*Clearances B, C and D can be reduced by 50% for locations 25 ft (7 m) or more downstream of the burner. For other mounting options and associated clearances, complete installation, operation and service criteria, please see the current issue of the Installation, Operation and Service Manual.

**These products are not for residential use.**

**This document is intended to assist licensed professionals in the exercise of their professional judgment.**

Roberts-Gordon LLC  
1250 William Street  
P.O. Box 44  
Buffalo, NY 14240-0044 USA  
Telephone: +1.716.852.4400  
Fax: +1.716.852.0854  
www.robertsgordon.com

# GORDONRAY®

## ROBERTS GORDON®

### Single Stage Infrared Heater



## MODEL BH

#### The Economical Unitary Infrared Heater for Industrial and Commercial Applications

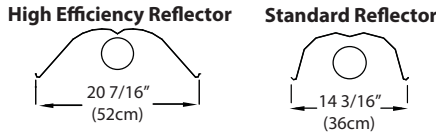
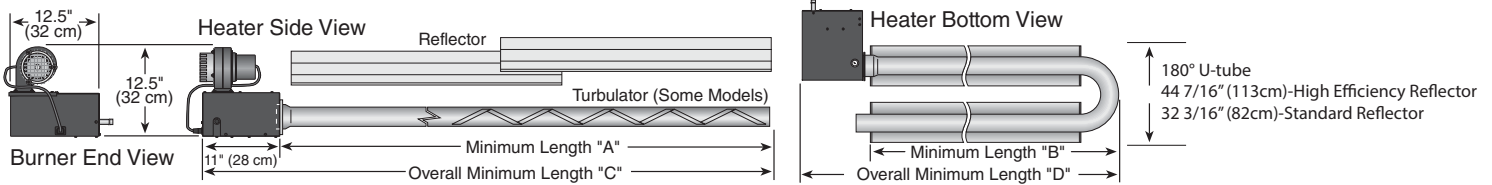
- Longer life provided by durable components
- Clean, quiet draft-free comfort
- Easy serviceability provided through hinged door design
- Design flexibility achieved with multiple configurations including both L - and U-tube options and a broad range of burner sizes and tube lengths



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THE INDUSTRY LEADER  
**RADIANT**  
EFFICIENCY™

# ROBERTS GORDON® THE EXCLUSIVE PRODUCER OF GORDONRAY™



Model	GORDONRAY® BH										
	BH-40	BH-60	BH-80	BH-100	BH-115	BH-125	BH-140	BH-150	BH-175	BH-200	
Minimum Length of Straight Tube*	[ft, in] A	10	20	20	30	30	30	40	40	40	50
Minimum Length of U-Tube*	[ft, in] B	N/A	11, 7	11, 7	16, 7	16, 7	16, 7	21, 7	21, 7	21, 7	31, 7
Overall Minimum Length of Straight Tube*	[ft, in] C	10, 11	20, 11	20, 11	30, 11	30, 11	30, 11	40, 11	40, 11	40, 11	50, 11
Overall Minimum Length of U-Tube*	[ft, in] D	N/A	12, 6	12, 6	17, 6	17, 6	17, 6	22, 6	22, 6	22, 6	32, 6

\*For additional lengths, please see the current Installation, Operation and Service Manual.

Input (Btu/h) x (1000)		40	60	80	100	115	125	140	150	175	200
Inlet Pressure	[in wc] NG min.	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	5	5
	LPG Propane min.	11	11	11	11	11	11	11	11	11	N/A
	NG & LPG Propane max.	14	14	14	14	14	14	14	14	14	14 (NG Only)
Gas Connection	NPT	½"	½"	½"	½"	½"	½"	¾"	¾"	¾"	¾"
Combustion Air Inlet	dia	4"									
Exhaust Flue	dia	4"									
<b>Weights</b>											
<b>Hot Rolled or Aluminized Tube and Accessory Packages [ft]</b>		<b>10</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>70</b>	<b>80</b>		
High Efficiency Aluminum Reflector	[lb]	54	89	124	167	213	248	291	334		
Standard Aluminum Reflector	[lb]	52	86	120	161	206	240	281	322		
<b>Burner</b>	<b>[lb]</b>	29									
<b>U-tube Packages</b>											
Aluminized U-tube for High Efficiency Reflector	[lb]	23									
Aluminized U-tube for Standard Reflector	[lb]	19									
Fuel		NG or LPG Propane									
Electrical Supply		120 V, 60 Hz, 1 A									
Heat Exchanger Tubing		10 ft Sections, 4" dia, 16 Gauge, First 10 ft ALUMI-THERM® Steel Tubing [Remaining Hot Rolled, Heat Treated Aluminized or Double Porcelain Coated Steel Tubing]									
Reflector and End Caps		.024 Aluminum [Optional - .024 Stainless Steel Type 304]									
Control System		Fully Automatic, Three-Try, 100% Shut-Off, Direct Spark Electronic Ignition Control									
Approved As		Indoor (Vented or Unvented)									
Certification		ANSI Z83.20/CSA 2.34, 2.17, 2.20									
Warranty		Three-Year Limited (Refer to Installation, Operation and Service Manual for Details)									

## Clearances to Combustibles \*\*[in]

Model	Horizontal	45°	BH-40		BH-60		BH-80		BH-100		BH-115/125		BH-140/150		BH-175		BH-200	
			Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°	Horiz.	45°
	A		6	8	6	8	6	8	6	10	6	10	6	12	8	12	8	12
	B		27	8	35	8	38	8	40	8	46	8	50	8	52	8	52	10
	C		52	50	62	59	65	65	70	73	76	77	79	83	82	85	96	85
	D		27	46	35	54	38	60	40	64	46	69	50	74	52	79	52	79

\*\*Clearances B, C and D can be reduced by 50% for locations 25 ft (7 m) or more downstream of the burner. For other mounting options and associated clearances, complete installation, operation and service criteria, please see the current issue of the Installation, Operation and Service Manual.

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Good afternoon Chuck,

In response to our conversation this morning, I am happy to report that pricing is still good for this project. There are no changes to what was submitted under quote #R21-160-3, dated 2-23-21.

Please call or email me should you have any questions or need additional information.

Have a great afternoon!

Ronald C. Lawhead  
Regional Sales Manager  
Radiant Energy Systems, Inc  
29757 Anthony Drive  
Wixom, MI 48393  
Office: 248-624-8550 x31  
Mobile: 248-798-3925

Honesty and integrity with the focus on never ending customer service. You will always get my best effort!

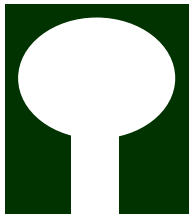
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**Specialists in Radiant Heat, Fans, Make Up Air Units, Coil Replacement, LED Lights and more!**



"You CAN'T build a reputation on what you are going to do" - Henry Ford

<b>Farmington City Council Staff Report</b>	<b>Council Meeting Date:</b> April 5, 2021	<b>Item Number 6F</b>
<b>Submitted by:</b> Charles Eudy, Superintendent		
<b>Agenda Topic:</b> 9 Mile Booster Station Pipe Rehabilitation Project		
<b>Proposed Motion:</b> Move to approve the award of the 9 Mile Water Booster Station Pipe Rehabilitation to CSM Mechanical and allow Oakland County Water Resource Commission OCWRC execute the contract documents.		
<p><b>Background:</b> As City Council was advised last month, Oakland County Water Resource Commission (OCWRC) is permitting the City of Farmington to use their contract with Dixon Engineering to develop the scope of rehabilitation at the 9 Mile Booster Station; Oakland County Water Resource Commission (OCWRC) conducted the bid letting. By using OCWRC to let the project, many additional contractors are available to review the scope of the project and potentially submit bids. Over 50 entities picked up plan sets, but only one submitted a bid for the Pipe Rehabilitation.</p> <p>OCWRC recommends awarding the 9 Mile Booster Station Pipe Rehabilitation project to CSM Mechanical.</p> <p>Dixon Engineering will be responsible for conducting inspection of the improvements at the 9 Mile Booster Station and report to both OCWRC and the City of Farmington. The City of Farmington will be invoiced from OCWRC for the improvements.</p> <p>.</p>		
<p><b>Materials:</b>  Bid Tab  Plan Holders  Recommendation of award from OCWRC</p>		



# DIXON

**ENGINEERING & INSPECTION SERVICES  
FOR THE COATING INDUSTRY**

1104 Third Avenue  
Lake Odessa, MI 48849  
Telephone: (616) 374-3221  
Fax: (616) 374-7116

February 11, 2020

Mr. Drew Sandhahl  
Oakland County Water Resources Commission  
One Public Works Drive  
Building 95 West  
Waterford, MI 48328-1907

Re: Farmington High Service Pump Station (9 Mile Rd.)

**INSPECTION:**

On July 16, 2019 Dixon Engineering, Inc. (DIXON) performed a piping condition assessment on the piping in Farmington High Service Pump Station Located at 33720 West 9 Mile Road in Farmington Michigan. The inspection was performed by Thomas Rounds, Project Manager (NACE Coating Inspector #7781).

The inspection consisted of (VT) Visual Testing, measuring surface pitting using a pit gauge, and Ultrasonic Thickness (UT) Testing adjacent to the pitted areas, and at random locations throughout the piping.

The pump station consists of four high service pumps, suction piping, discharge piping, and associated isolation valves and appurtenances.

The valves located in the pumphouse were installed and dated from 1949 to 1996. Some piping may be original and some has been replaced. Nuts and bolts conditions also vary with some zinc plated, some coated (above grade) and some rusting (below grade). Replacement of bolts will be difficult in the pit as access is limited under the pipes. There is extensive coating loss throughout the surface of the piping.

Ultrasonic Thickness testing was performed in random locations. There is a repair clamp on the effluent 12 inch adjacent readings were 0.700-0.737 inch and the coating was measured at 7-21 mils. A pit gauge was not needed as there was no significant pitting on the pipe exterior at this location.

UT readings on the 6 inch influent piping ranged from 0.383-0.400. We have no information on the original pipe thickness.

There are significant coating failures throughout the piping.

Coating samples were taken on the piping and tested for heavy metals. The coating tested at up to 13% (130,000 ppm) lead and up to 0.22% (2,200 ppm) chromium by weight. Cadmium tested at less than the reporting limit. Special considerations will be needed during maintenance to avoid contamination of workers and to prevent generation of hazardous waste.

The coating on the grating has deteriorated but the steel is in good condition. There is mill scale present on the grating at the coating failures.

UT testing provides material thickness only at the spot locations tested. If any severe corrosion is taking place, some indications would be detected. UT testing is random and has different accuracy variations for different materials. The gauge has +/- .5% accuracy variation on steel, and a +/- 0.8% accuracy variation.

### **SUMMARY:**

The UT thickness readings did not indicate any significant steel loss.

Special consideration should be taken while working with all vulnerable equipment and sequencing work with operational requirements.

### **RECOMMENDATIONS:**

1. Abrasive blast clean all piping in pumphouse to an SSPC-SP6 condition and apply an epoxy paint system. The estimated cost would \$50,000
2. Clean and hot dip galvanize the grating. The estimated cost is \$2,000.
3. Replace the corroded bolts and nuts on the pipe flanges. The estimated cost is \$3,000.

The estimated cost for mobilization and for providing heat and dehumidification is \$10,000 - \$15,000.

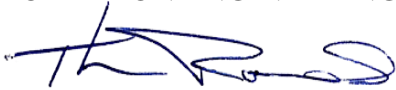
There were coating samples taken on the piping and with the age of the piping it is presumed that all existing primer contains lead.



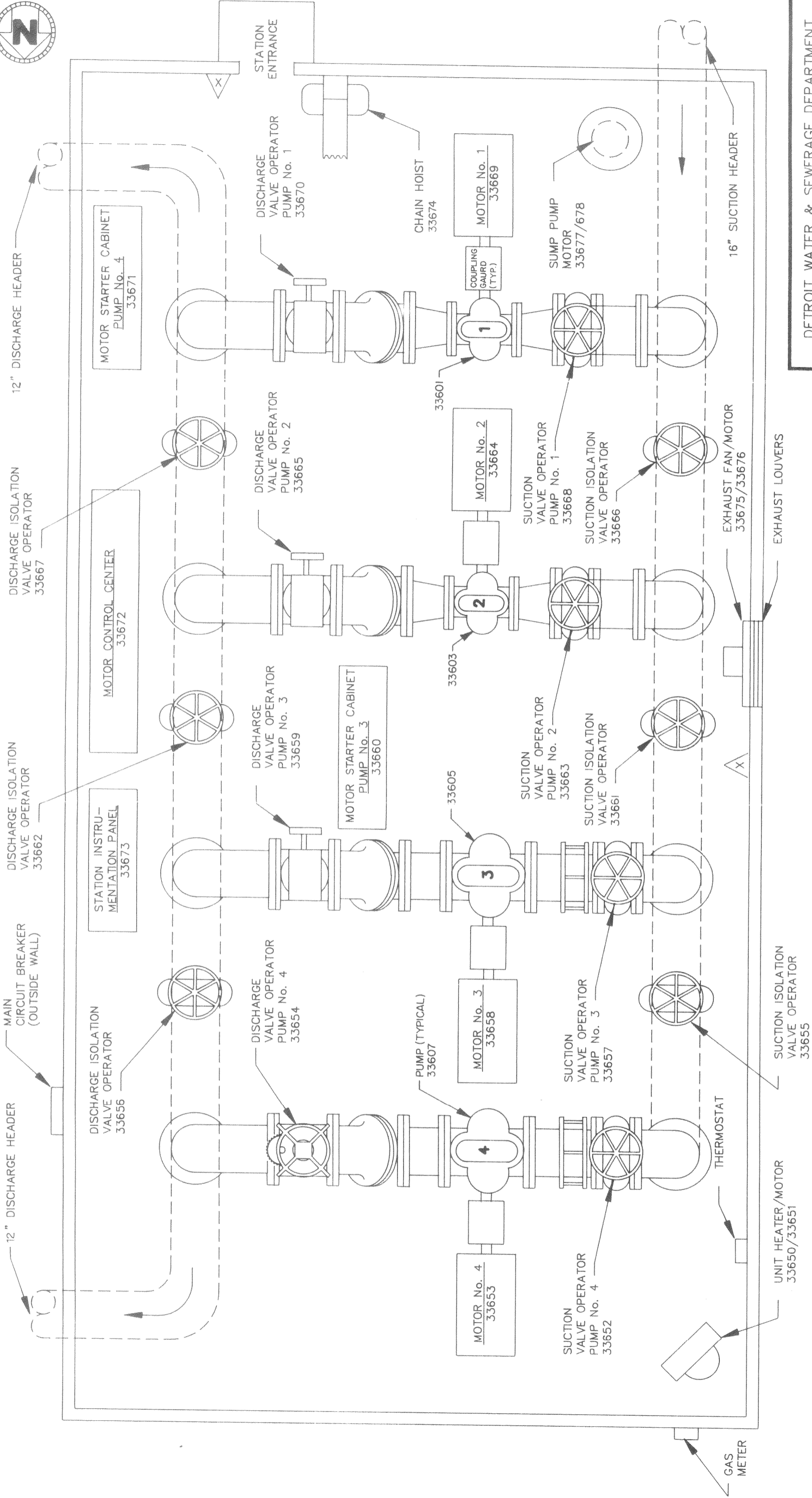
If you have any questions or concerns, please call me at (616) 374-3221 ext. 310.

Thank you for choosing DIXON for your inspection needs.

FOR DIXON ENGINEERING, INC.,

A handwritten signature in blue ink, appearing to read 'TR', is positioned below the company name.

Thomas Rounds  
Project Manager



PUMP HOUSE BUILDING

- SYMBOLS**
- FIRE EXTINGUISHER

DETROIT WATER & SEWERAGE DEPARTMENT  
 CS-997 O&M MANUALS

MADISON INTERNATIONAL OF MICHIGAN

FARMINGTON PUMPING STATION

FIGURE: 2-2

PUMP HOUSE FLOOR PLAN

DATE: OCT. 88



Farmington Pump Station located at 33720 West 9 Mile Road,  
Farmington Michigan.



1) The station houses pumps, controls, and piping.



2) Booster Pump station with below grade influent and effluent. Three split case end suction horizontal booster pumps.



3) Piping is located above and below grade.



4) Various modes of coating failures were observed including abrasions, rust undercutting, and delamination to the substrate.



5) There are three pump stations with effluent piping.



6) Valves and fittings been replaced and were left in primer. Many nuts and bolts have been replaced.



7) Influent piping is located under the removable grating.



8) There were no leaks observed during the inspection.



9) Effluent piping with tapping saddle, it is unknown if it is being utilized as a repair clamp.



10) Dry film thickness, ultrasonic steel thickness, and adhesion testing was performed on the piping.





11) Sub grade piping with peeling and delamination to the underlying coats and to the substrate.



12) There is poor adhesion with coating failures to the substrate.



13) There is limited access to sides and bottom of the piping. The nuts and bolts are corroding.



14) UT testing on adjacent surfaces to saddle indicate surfaces are 0.737 inch.



15) There is mill scale on the grating.



16) Piping, fittings, and pumps range from 1949 to 1996. Surface rusting is prevalent throughout.



17) Surface rusting.



18) Spot coating failures to the substrate.



19) This pump appears to be from the original installation.



20 Grating under influent piping.



21) Nuts and bolts on the influent sub grade piping are in poor condition and actively corroding.



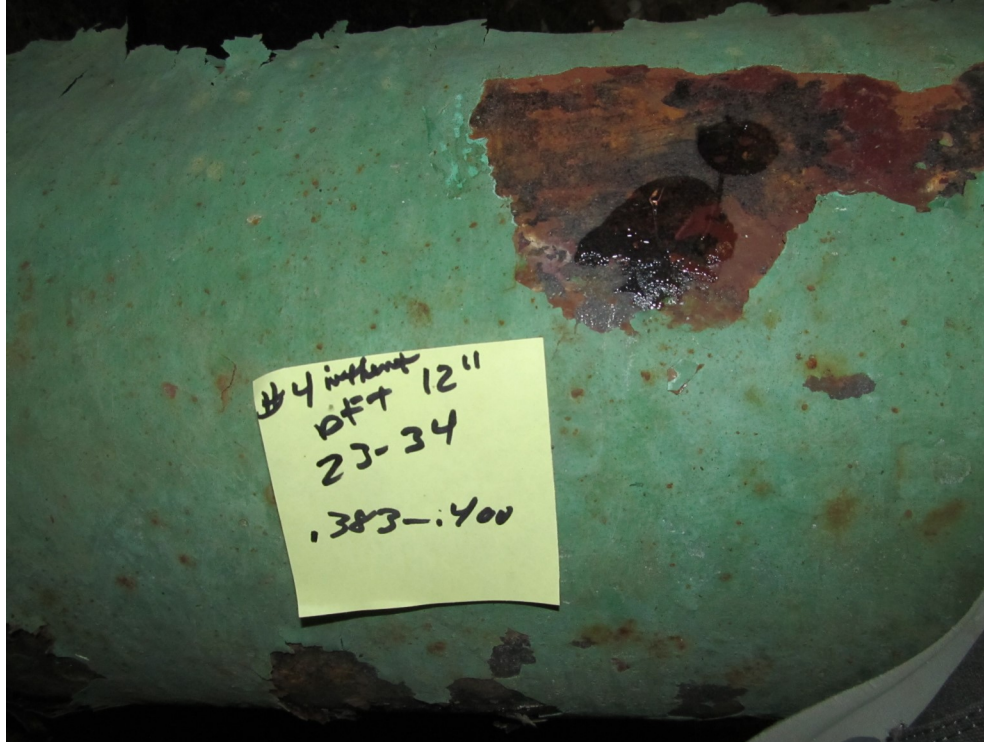
22) Bolt heads and nuts under grating are corroding.



23) Corroding nuts, bolts, and coating failures on the piping. There is no significant steel loss on the piping exterior.



24) Coating failures to the substrate on valves, fittings, and pipe.



25) Dry film coating thickness ranged from 23 mils to 34 mils on the influent pipe with 0.383-0.400 inch thickness.



26) Lab samples taken indicate this is an alkyd system that is heavy metal bearing.





27) Difficult to access, nuts and bolts that are severely corroded with steel loss.



28) Adhesion test results and lab sample scrapings. All coatings were poorly adhered.

<b>CSM MECHANICAL PROPOSAL</b>	Quantity	Unit	Unit Price	Extended Amount
Mobilization	1	LS	\$ 5,110.00	\$ 5,110.00
General Conditions	1	LS	\$ 2,980.00	\$ 2,980.00
Abrasive Blast all Piping in Booser Station to a SSPC-SP6 Condition	100	LF	\$ 240.90	\$ 24,090.00
Disposal of Existing Coating and Blast Media	1	LS	\$ 1,980.00	\$ 1,980.00
Apply an Epoxy Paint System	280	SF	\$ 26.62	\$ 7,453.60
Clean and Hot Dip Galvanize the Grating	200	SF	\$ 10.45	\$ 2,090.00
Replace Corroded Nuts on Pipe Flanges	1	LS	\$ 22,940.00	\$ 22,940.00
<b>Total</b>				<b>\$ 66,643.60</b>

## Solicitation Document Report

**Report Executed By** Edward Tucker

**Report Executed On** 2021/02/23 10.01.51

**Solicitation** 005156 - Farmington Booster Pipe Rehab

**Suppliers** Suppliers who have downloaded a document

Supplier Organization	Main Contact	Organization Downloads	Contact Information	Document	Download Date
Advanced Underground Inspection, LLC 38657 Webb Drive Westland, MI	Jeana Garcia - Moir 734-721-0081 stevejohnson3324@yahoo.com	Partial 2/6	Jeana Garcia - Moir 734-721-0081 stevejohnson3324@yahoo.com	005156 ATT B.pdf	2021/02/11
				005156 SOL.pdf	2021/02/11
Allied Building Service Company of Detroit, Inc. 1801 Howard St. Detroit, MI	PM Director 313-230-0799 pmdirector@teamallied.com	Partial 1/6	PM Director 313-230-0799 pmdirector@teamallied.com	005156 ATT B.pdf	2021/02/11
Anderson, Eckstein and Westrick, Inc. 51301 Schoenherr Road Shelby Township, MI	Sue Chown 5867261234 proposals@aewinc.com	Partial 1/6	Sue Chown 5867261234 proposals@aewinc.com	005156 ATT B.pdf	2021/02/11
Baker and Associates 400 Renaissance Way Suite 2601 Detroit, MI	Steven SGravlin 313-670-3408 steven.gravlin@mbakerintl.com	Partial 2/6	Steven SGravlin 313-670-3408 steven.gravlin@mbakerintl.com	005156 ATT B.pdf	2021/02/11
				005156 ATT C.pdf	2021/02/11
Bidigare Contractors, Inc. 939 S. Mill Street Plymouth, MI	John Bidigare 248-735-1113 jordon@bidigarecontractors.com	Partial 3/6	John Bidigare 248-735-1113 jordon@bidigarecontractors.com	005156 ATT B.pdf	2021/02/12
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				005156 SOL.pdf	2021/02/12
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Bricco Excavating Co., L.L.C. 21201 Meyers Road Oak Park, MI	Marco Banchemo 248-547-6963 bids@briccoexcavating.com	Partial 1/6	Marco Banchemo 248-547-6963 bids@briccoexcavating.com	005156 SOL.pdf	2021/02/11

Supplier Organization	Main Contact	Organization Downloads	Contact Information	Document	Download Date
CSM Mechanical, LLC 7400 Hickory Valley Drive Fenton, MI	Craig S. Mortz 248-521-0981 craig.mortz@csmmechanical.com	Full 6/6	Craig S. Mortz 248-521-0981 craig.mortz@csmmechanical.com	005156 ATT B.pdf	2021/02/13
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	2021/02/15				
					2021/02/16
Century Cement Co. Inc. 12600 Sibley Road Riverview, MI	AJ Pighin 734-284-8770 Centurycementco@sbcglobal.net	Partial 2/6	Maryse Purton 734-284-8770 mandmpurton@comcast.net	005156 ATT D.pdf	2021/02/11
				005156 SOL.pdf	2021/02/11
Climate Survival Solutions, Inc. PBC PO Box 40445 Grand Junction, CO	Tim Loncarich 970-245-7945 bids@climatesurvivalsolutions.com	Partial 1/6	Tim Loncarich 970-245-7945 bids@climatesurvivalsolutions.com	005156 ATT B.pdf	2021/02/15
D.V.M. Utilities, Inc. 6045 Sims Rd., Suite 2, Sterling Heights, MI	Karl JBates 586-979-0402 kbates@dvmutilities.com	Partial 2/6	Karl JBates 586-979-0402 kbates@dvmutilities.com	005156 ATT D.pdf	2021/02/12
				005156 SOL.pdf	2021/02/12
Detroit Boiler Company 2931 Beaufait Detroit, MI	Marc Lanzon 313-921-7060 Detboiler@aol.com	Partial 2/6	Marc Lanzon 313-921-7060 Detboiler@aol.com	005156 ATT B.pdf	2021/02/11
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DiPonio Contracting, Inc. 51173 Simone Industrial Drive Shelby Township, MI	Chris Maltese 586-997-4150 25 cmaltese@diponiocontracting.com	Partial 2/6	Ben Spada 586-997-4150 bspada@diponiocontracting.com	005156 ATT D.pdf	2021/02/11

Supplier Organization	Main Contact	Organization Downloads	Contact Information	Document	Download Date
DiPonio Contracting, Inc. 51173 Simone Industrial Drive Shelby Township, MI	Chris Maltese 586-997-4150 25 cmaltese@diponiocontracting.com	Partial 2/6	Ben Spada 586-997-4150 bspada@diponiocontracting.com	005156 SOL.pdf	2021/02/11
Dixon Engineering, Inc. 1104 Third Ave. Lake Odessa, MI	Thomas Rounds 616-374-3221 thomasrounds@dixonengineering.net	Full 6/6	Thomas Rounds 616-374-3221 thomasrounds@dixonengineering.net	005156 ATT B.pdf	2021/02/22
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Edw. C. Levy Co. 8800 Dix Avenue Detroit, MI	Jeff Lockwood 313-429-5389 2262 JLOCKWOOD@edwclevy.net	Partial 2/6	Jeff Lockwood 313-429-5389 2262 JLOCKWOOD@edwclevy.net	005156 ATT D.pdf	2021/02/11
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Etna Supply Company 1090 36th Street SE, Suite 630 GRAND RAPIDS, MI	Shaun Beukema 616-514-5127 5127 sbeukema@etnasupply.com	Partial 1/6	Matt Trogu 616-514-5142 mtrogu@etnasupply.com	005156 SOL.pdf	2021/02/18
FERGUSON WATERWORKS 4040 EAGLES NEST ROAD FLUSHING, MI	JAMES DMCGONNELL 810 410 1441 james.mcgonnell@ferguson.com	Full 6/6	JAMES DMCGONNELL 810 410 1441 james.mcgonnell@ferguson.com	005156 ATT B.pdf	2021/02/11
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					2021/02/12

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FERGUSON WATERWORKS  4040 EAGLES NEST ROAD FLUSHING, MI	JAMES DMCGONNELL  810 410 1441 james.mcgonnell@ferguson.com	Full 6/6	JAMES DMCGONNELL  810 410 1441 james.mcgonnell@ferguson.com	005156 ATT F.pdf	2021/02/12
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GM & SONS, INC. 46900 West Road Novi, MI	Karl Schweitzer 248-956-7939 bids@gmandsons.com	Partial 1/6	Karl Schweitzer 248-956-7939 bids@gmandsons.com	005156 SOL.pdf	2021/02/11
GREAT LAKES CONTRACTING SOLUTIONS LLC 2300 Edinburgh WATERFORD, MI	Tom Wall 313-962-0400 tom@greatlakescont.com	Partial 2/6	Tom Wall 313-962-0400 tom@greatlakescont.com	005156 ATT D.pdf	2021/02/11
				005156 SOL.pdf	2021/02/11
HESCO 23905 Freeway Park Drive Farmington Hills, MI	Heather Brawner 586-978-7200 heather@hesco-mi.com	Partial 4/6	Heather Brawner 586-978-7200 heather@hesco-mi.com	005156 ATT B.pdf	2021/02/11
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HammerHead Trenchless 500 South C.P. Avenue Lake Mills, WI	Mara Nugent 920-648-4878 mnugent@hammerheadmole.com	Partial 2/6	Mara Nugent 920-648-4878 mnugent@hammerheadmole.com	005156 ATT B.pdf	2021/02/11
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ISE Solutions LLC 8011 Acorn Ln Chanhassen, MN	Benjamin Orton 16124601343 ben.orton@solutions-ise.com	Full 6/6	Benjamin Orton 16124601343 ben.orton@solutions-ise.com	005156 ATT B.pdf	2021/02/15
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ISE Solutions LLC 8011 Acorn Ln Chanhassen, MN	Benjamin Orton 16124601343 ben.orton@solutions-ise.com	Full 6/6	Benjamin Orton 16124601343 ben.orton@solutions-ise.com	005156 ATT E.pdf	2021/02/15
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Inland Waters Pollution Control, Inc. 4086 Michigan Ave Detroit, MI	Lloyd D.Lambrix 3130-899-3014 llambrix@teamipr.com	Partial 5/6	Jignesh Madhani 313-468-0686 226 jmadhani@teamipr.com	005156 ATT B.pdf	2021/02/11
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JSS - Macomb, LLC 14218 Claremont Drive Shelby Twp, MI	Bids at JSS-Macomb 5866238905 estimating@jss-macomb.com	Partial 4/6	Bids at JSS-Macomb 5866238905 estimating@jss-macomb.com	005156 ATT D.pdf	2021/02/15
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KSB Dubric, Inc. 3737 Laramie Drive NW Comstock Park, MI	Chad Wiggins 9894159519 chad.wiggins@ksb.com	Partial 1/6	Richard KQuinn 6164819737 richard.quinn@ksb.com	005156 ATT B.pdf	2021/02/11
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					2021/02/20

Supplier Organization	Main Contact	Organization Downloads	Contact Information	Document	Download Date
Kerr Pump and Supply 12880 Cloverdale Oak Park, MI	Joe Ash 248-543-3880 3222 Joeash@kerrpump.com	Partial 1/6	Paul Flammersfeld 248-543-3880 paul.f@kerrpump.com	005156 ATT B.pdf	2021/02/19
L. D'Agostini and Sons, Inc 15801 23 Mile Road Macomb, MI	Michael D'Agostini 586-781-5800 miked@ldagostini.com	Partial 1/6	Michael D'Agostini 586-781-5800 miked@ldagostini.com	005156 SOL.pdf	2021/02/11
LGC Global 7310 Woodward Ave Detroit, MI	Tushar Patel 2487895621 tushar.patel@lgccorp.com	Partial 1/6	Fred Feliciano 313-442-6925 fred.feliciano@lgccorp.com	005156 SOL.pdf	2021/02/12
Lanzo Construction Co. 125 SE 5th Ct Deerfield Beach, FL	James Tilli 954-979-0802 252 Estimating@lanzo.org	Partial 1/6	James Tilli 954-979-0802 252 Estimating@lanzo.org	005156 SOL.pdf	2021/02/16
LeanTrak 1645 Indian Wood Circle, Suite 101 Maumee, OH	Sameet Raj 4194820797 Sameetraj@leantrak.com	Full 6/6	Sameet Raj 4194820797 Sameetraj@leantrak.com	005156 ATT B.pdf	2021/02/12
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				005156 SOL.pdf	2021/02/12
M-K Construction Company Inc. 18388 Dix Toledo rd Brownstown, MI	Mark Kobolak 734-283-4637 mark@m-kconstructionco.com	Partial 2/6	Mark Kobolak 734-283-4637 mark@m-kconstructionco.com	005156 ATT B.pdf	2021/02/12
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					2021/02/17
Michels Corp 1715 16th Street SE Salem, OR	David Phelps 503-364-1199 dphelps@michels.us	Partial 3/6	David Phelps 503-364-1199 dphelps@michels.us	005156 ATT B.pdf	2021/02/15
				005156 ATT D.pdf	2021/02/15
				005156 SOL.pdf	2021/02/15
Michigan Concrete Association 2937 Atrium Drive Suite 200 Okemos, MI	Daniel DeGraaf 517-347-7720 jvance@miconcrete.net	Partial 1/6	Daniel DeGraaf 517-347-7720 jvance@miconcrete.net	005156 SOL.pdf	2021/02/15



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Mid American Gunit 8475 Port Sunlight Newport, MI	Frank Kuderik 734-586-8868 fkuderik@midamericangroup.com	Partial 2/6	Frank Kuderik 734-586-8868 fkuderik@midamericangroup.com	005156 ATT B.pdf	2021/02/22
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Midwest Power Systems 2401 Hickory Oak Milford, MI	Matt Shaeffer 2487705124 midwestpower@hotmail.com	Partial 5/6	Matt Shaeffer 2487705124 midwestpower@hotmail.com	005156 ATT B.pdf	2021/02/22
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Myranda Kelly, llc 25118 Territorial Ct Veneta, OR	Joshua Meyer 2482107684 squoshua@gmail.com	Full 6/6	Joshua Meyer 2482107684 squoshua@gmail.com	005156 ATT B.pdf	2021/02/12
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National Industrial Maintenance, Inc. 4400 Stecker Dearborn, MI	Greg Tackett 313-945-6464 greg@nimmi.com	Partial 1/6	Greg Tackett 313-945-6464 greg@nimmi.com	005156 ATT B.pdf	2021/02/11
Officepartners360 7500 Brooktree Road, Suite 100 Pittsburgh, PA	Tim Boylan 412 267 1529 deteam@officepartners360.com	Full 6/6	Tim Boylan 412 267 1529 deteam@officepartners360.com	005156 ATT B.pdf	2021/02/15
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Orion Specialty Contracting LLC 9043 Julia Ave. White Lake, MI	Scott Smith 2487908953 orion.specialty.contracting@gmail.com	Partial 2/6	Scott Smith 2487908953 orion.specialty.contracting@gmail.com	005156 SOL.pdf	2021/02/15
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Orion Specialty Contracting LLC 9043 Julia Ave. White Lake, MI	Scott Smith 2487908953 orion.specialty.contracting@gmail.com	Partial 2/6	Scott Smith 2487908953 orion.specialty.contracting@gmail.com	005156 ATT C.pdf	2021/02/18
Pipeline Management Company, Inc. 2673 E. Maple Road Milford, MI	David Lusky 248-685-1500 dlusky@pipeline.us.com	Partial 3/6	David Lusky 248-685-1500 dlusky@pipeline.us.com	005156 ATT B.pdf	2021/02/11
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RAM Construction Services of Michigan, Inc. 13800 Eckles Rd Livonia, MI	Brenda Jaynes 734-464-3800 6240 bjaynes@ramservices.com	Partial 5/6	Brenda Jaynes 734-464-3800 6240 bjaynes@ramservices.com	005156 SOL.pdf 005156 ATT B.pdf	2021/02/11 2021/02/11
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Ready dig 37121 Moravian Clinton township, MI	Franklin Carpenter 5865337225 Readydigexcavation@gmail.com	Partial 1/6	Franklin Carpenter 5865337225 Readydigexcavation@gmail.com	005156 SOL.pdf	2021/02/16
Sorensen Gross Company 111 East Court St suite 1A Flint, MI	Ryan Sly 810-691-3727 rsly3@sgcs.net	Partial 3/6	Richard J. Sly 810-767-4821 rsly1@sgcs.net	005156 ATT B.pdf	2021/02/15
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Spartan Paving 2300 Dixie Hwy Waterford, MI	Mike Zelenock 248-625-1575 mzelenock@spartanpaving.com	Partial 5/6	Mike Zelenock 248-625-1575 mzelenock@spartanpaving.com	005156 ATT B.pdf	2021/02/12
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				005156 SOL.pdf	2021/02/12

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Spicer Group 230 S. Washington Ave. Saginaw, MI	Aaron Bedford 989-754-4717 5524 aaronb@spicergroup.com	Partial 1/6	Aaron Bedford 989-754-4717 5524 aaronb@spicergroup.com	005156 ATT F.pdf	2021/02/15
Upper Peninsula Rubber Co., dba; Tunnel Vision P.S P.O. Box 541 Escanaba, MI	Gabriel Kloet 906-786-0460 info@uprubber.com	Partial 3/6	Gabriel Kloet 906-786-0460 info@uprubber.com	005156 ATT B.pdf	2021/02/15
				005156 ATT F.pdf	2021/02/15
				005156 SOL.pdf	2021/02/15
W.S.I. Industrial Services, Inc. PO Box 310 Taylor, MI	Philip Rye 734-942-9300 prye200@aol.com	Partial 1/6	Philip Rye 734-942-9300 prye200@aol.com	005156 ATT B.pdf	2021/02/11
Washtenaw Contractors Association 3135 S State St #350-H Ann Arbor, MI	Rachel Newton 734-662-2570 rcopple@wcaonline.org	Full 6/6	Rachel Newton 734-662-2570 rcopple@wcaonline.org	005156 ATT B.pdf	2021/02/11
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				005156 SOL.pdf	2021/02/11
Watertap Inc. 48595 West Road Wixom, MI	Eric Olsen 248-437-7023 eric@watertapinc.com	Partial 5/6	Eric Olsen 248-437-7023 eric@watertapinc.com	005156 ATT B.pdf	2021/02/17
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Weiss Construction Co., LLC 41001 Grand River Avenue Novi, MI	Joe Mulville 3135674500 226 jmulville@weiss-construction.com	Partial 3/6	Joe Mulville 3135674500 226 jmulville@weiss-construction.com	005156 ATT B.pdf	2021/02/12
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Supplier Organization	Main Contact	Organization Downloads	Contact Information	Document	Download Date
Weiss Construction Co., LLC 41001 Grand River Avenue Novi, MI	Joe Mulville 3135674500 226 jmulville@weiss-construction.com	Partial 6/6	Joe Mulville 3135674500 226 jmulville@weiss-construction.com	005156 SOL.pdf	2021/02/12
Z Contractors, Inc. 50500 Design Lane Shelby Township, MI	Blake Zapczynski 586-255-2421 bzap@Z-contractors.com	Partial 2/6	Dana Youmans 586-625-8899 dyoumans@z-contractors.com	005156 ATT D.pdf	2021/02/17 2021/02/11
amit ramnagar road, bajar chok ramnagr gondia, AL	amit damahe 9049317607 amitdamahe1@gmail.com	Partial 2/6	amit damahe 9049317607 amitdamahe1@gmail.com	005156 SOL.pdf 005156 ATT B.pdf	2021/02/11 2021/02/11
instant delhi delhi	bidnet account 08859117007 rashi.dhaka@instantsys.com	Full 6/6	bidnet account 08859117007 rashi.dhaka@instantsys.com	005156 SOL.pdf 005156 ATT B.pdf	2021/02/11 2021/02/12
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				005156 SOL.pdf	2021/02/12
					2021/02/14
					2021/02/19

Supplier Organization	Main Contact	Organization Downloads	Contact Information	Document	Download Date
midwest excavation llc 13017 S. Morrow Circle Dearborn, MI	Adam Mahdawiyan 248-722-0722 amahdawiyan@gmail.com	Partial 3/6	Adam Mahdawiyan 248-722-0722 amahdawiyan@gmail.com	005156 ATT B.pdf	2021/02/11
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March 23, 2021

Chuck Eudy  
City of Farmington, Public Works Superintendent  
23600 Liberty Street  
Farmington, MI 48335

Re: Oakland County Water Resources Commissioner Office  
Farmington Booster Station  
Piping Restoration

Dear Mr. Eudy:

WRC planned rehabilitation of the booster station piping this fiscal year in the Long Range Plan Update letter dated March 3, 2021. An analysis of the piping was conducted in the 2020 fiscal year by Dixon Engineering. This analysis was utilized as the basis for the bid documents for the piping restoration.

WRC prepared bid documents for this work. These documents were posted for solicitation on the Michigan Inter-governmental Trade Network (MITN). The bid documents were downloaded by over 40 vendors; however, WRC received one bid. The bid tab is attached to this letter.

CSM Mechanical provided a base bid of \$66,643.60. Dixon Engineering estimated the project to be within the range of \$65,000 to \$70,000. As such, this bid is within the engineer's estimated range. WRC has a current blanket-contract with CSM Mechanical. We have extensive experience with this contractor. Therefore, we recommend that CSM Mechanical be awarded the contract to perform this restoration.

Time is of the essence for the completion of this work if this work is to be completed prior to the end of your fiscal year in June. We recommend starting this work as soon as possible so that the work is performed when water consumption is at a reduced level. This will allow the contractor longer working periods and extended cure times.

Your City Council previously approved Dixon Engineering to provide quality control during this project. Dixon's estimated fees are \$14,750.

WRC will provide operational assistance during the project. The contractor will require certain segments of the piping to be isolated when performing this work. As such, our staff will be made



available whenever the contractor is onsite. We're assuming 80 manhours will be required for this work.

Lastly, we would recommend that you reserve at least 10% contingency for this project due to the age of the piping within the booster and the required process of media blasting activities required for paint preparation.

The following is WRC's estimate to complete the piping restoration:

Contracted Services (Construction) - \$66,643.60  
Contracted Services (Quality Control) - \$14,750.00  
WRC Services - \$6,000  
Contingency (10%) - \$8,739.40

**TOTAL - \$96,133.00**

WRC recommends the City of Farmington allocate \$96,133.00 for the restoration of the piping. Furthermore, we recommend that you authorize WRC to award a contract to CSM Mechanical to perform this work.

We will await your approval prior to starting this work.

Sincerely,

*M. Drew Sandahl*

M. Drew Sandahl, P.E.  
Assistant Chief Engineer

**Purely Resourceful**

**Farmington City Council  
Staff Report**

**Council Meeting  
Date:** April 5, 2021

**Item  
Number  
6G**

**Submitted by:** Charles Eudy, Superintendent

**Agenda Topic:** Concrete Road Patching Program

**Proposed Motion:** Move to extend the 2018 Concrete Road Patching Program with Hartwell Cement Company to include a section of Farmington Road and Smithfield Street.

**Background:** Since 2018, Hartwell Cement Company has provided excellent service to the City of Farmington. Some areas they've worked on include Flanders, Chesley, Lilac, Brittney Hill, Saxony Streets. During that period, City Administration has requested Hartwell to provide quotes for other locations. One location is the on-street parking of Farmington Road between Oakland Street & Shiawassee Road, the other is a continuation of concrete patching on Smithfield Street between Briar Ridge and Smithfield Court.

Chris Weber, Director of Finance & Administration, has advised the City Manager and Public Works of available funding for work to be completed before June 30, 2021. Hartwell Cement Company is under contract from the other project completed within the community and have availability to complete both sections of roadway while holding last year's unit pricing.

If approved, this work will not affect funding for other planned street reconstruction, unless actual bids come back significantly higher than current estimates.

**Materials:**

Farmington Road Quote  
Smithfield Scope of work



**Reconstructive Concrete Patchwork  
Farmington Road Bump Outs (Oakland St. to Shiawassee)**

<b>Item No.</b>	<b>Description</b>	<b>Estimated Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Amount</b>
1)	Mobilization, Max 5%	1	LS	5,000.00	\$ 5,000:00
2)	Audio Video Route Survey	1	LS	2,300.00	\$ 2,300:00
3)	Traffic Maintenance and Control	1	LS	5,000.00	\$ 5,000:00
4)	Erosion Control, Inlet Protection, Fabric Drop	2	Ea	200.00	\$ 400:00
5)	Pavt, Rem	729	Syd	12.00	\$ 8,748:00
6)	Curb & Gutter, Rem	218	Ft	18.00	\$ 3,924:00
7)	Sidewalk, Rem	58	Syd	9.00	\$ 522:00
8)	Sidewalk Ramp, Conc, 6 inch	200	Sft	9.00	\$ 1,800:00
9)	Sidewalk, Conc, 4 inch	315	Sft	6.00	\$ 1,890:00
10)	Detectable Warning Surface	25	Ft	40.00	\$ 1,000:00
11)	Curb & Gutter, Conc, Det F4	218	Ft	38.00	\$ 8,284:00
12)	Concrete Pavement w/ Integral Curb, Non-Reinforced, 8 inch	729	Syd	75.00	\$ 54,675:00
13)	Aggregate Base, 4 inch, 21AA, Limestone	208	Ton	26.00	\$ 5,408:00
14)	Maintenance Aggregate, 21AA	43	Ton	45.00	\$ 1,935:00
15)	Subgrade Undercutting, Type II (Modified)	25	Cyd	40.00	\$ 1,000:00
16)	Overband Crack Fill	748	Lb	1.30	\$ 972:40
17)	Adjust Drainage/Utility Structure	1	Ea	300.00	\$ 300:00
18)	Topsoil, Seed, & Mulch	265	Syd	3.50	\$ 927:50
<b>TOTAL</b>					<b><u>\$104,085:90</u></b>

Construction Contingency (10%)	\$10,500.00
Log Road, Construction & Engineering Services (15%)	\$17,200.00
Materials Testing (3%)	\$3,500.00
<b>Total Project Cost Range</b>	<b>\$135,285.90</b>



Engineering Advisors

**ORCHARD, HILTZ & McCLIMENT, INC.**

34000 Plymouth Road, Livonia, Michigan, 48150

## SMITHFIELD ROAD CONCRETE PATCH WORK

Telephone: (734) 522-6711 FAX: (734) 466-4557

PROJECT: Smithfield Road

DATE: Nov 3, 2020

BASIS FOR ESTIMATE:  CONCEPTUAL  PRELIMINARY  FINAL

PROJECT NO. 0111-18-0020

ESTIMATOR: ABD

WORK: Concrete patch repairs from Briar Ridge Lane to 35782 Smithfield Road (green mailbox)

CHECKED BY: JLH

CURRENT ENR: \_\_\_\_\_

ITEM	DESCRIPTION	EST. QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	Mobilization, Max. \$6,000	1	LS	\$ 6,000.00	\$ 6,000.00
2	Traffic Maintenance & Control	1	LS	\$ 1,500.00	\$ 1,500.00
3	Audio Video Route Survey	1	LS	\$ 3,000.00	\$ 3,000.00
4	Erosion Control, Inlet protection, Fabric Drop	4	EA	\$ 200.00	\$ 800.00
5	Pavt, Rem	848	SYD	\$ 12.00	\$ 10,176.00
6	Concrete Pavement w/ Integral Curb, Non-Reinforced, 8 inch	848	SYD	\$ 75.00	\$ 63,600.00
7	Aggregate Base, 21AA, Limestone	242	TON	\$ 26.00	\$ 6,292.00
8	Maintenance Aggregate, 21AA	29	TON	\$ 45.00	\$ 1,305.00
9	Subgrade Undercutting, Type II (Modified)	29	CYD	\$ 40.00	\$ 1,160.00
10	Overband Crack Fill	740	LB	\$ 1.30	\$ 962.00
11	Adjust Drainage/Utility Structure	4	EA	\$ 300.00	\$ 1,200.00
12	Topsoil, Seed, Mulch	180	SYD	\$ 3.50	\$ 630.00

Estimated Construction Cost	\$96,625.00
Construction Contingency (10%)	\$9,662.50
Construction & Engineering Services (25%)	\$26,571.88
Estimated Materials Testing (3%)	\$3,188.63
<b>Total Project Cost</b>	<b>\$136,048.00</b>

ROAD PATCHING PAY ITEMS- Smithfield (Briar Ridge to 35782 Smithfield)													
								CONC PAVT REPAIR			STR ADJ		
STA		STA	Lane	Length (FT)	Width (FT)	Area (SF)	AREA (SY)	CONC PAVT, WITH OR WITHOUT INTEGRAL CURB, NONREINFORCED (SY)	CONC PAVT, WITH OR WITHOUT INTEGRAL CURB, NONREINFORCED (SY)	CONC PAVT, WITH OR WITHOUT INTEGRAL CURB, NONREINFORCED (SY)	DR STR ADJ, CASE 1	SAN SEW MH, ADJ, CASE 1	AGG BASE (TON)
Sta 1+00 to		3+69	R	269.0	13.5	3631.5	403.5			403.5			23.0
Sta 1+00 to		3+69	L	269.0	13.5	3631.5	403.5			403.5			23.0
				0.0	13.5	0.0	0.0	0.0					0.0
				0.0	13.5	0.0	0.0	0.0					0.0

TOTAL LENGTH = 538.0

TOTALS 0.0 0.0 807.0

**TOTAL  
807.0**

Road length 269.0      Width 27      Area (SY) 807  
 Total Patch Area (SY) 807

Start = 1+00 at Smithfield/Briar Ridge Lane (where last project ended)  
 End = 3+69 at closest joint just past 35782 Smithfield mailbox

% of area repaired 100%

length of repairs = 538.0      sq ft of repairs = 7263.0

**Farmington City Council  
Staff Report**

**Council Meeting  
Date:  
April 5, 2021**

**Item  
Number  
6H**

**Submitted by: Charles Eudy, Superintendent**

**Agenda Topic: Consideration to authorize purchase of replacement Water and Sewer utility van from Versalift Midwest**

**Proposed Motion:** Move to authorize the purchase of a 2021 Freightliner Utility Van in the amount of \$157,459.00 from Versalift Midwest located in Shelby Township, MI

**Background:** City Administration is requesting the City Council authorization to purchase a new water and sewer utility van from the MIDEAL State Contract. This van will be replacing the current 16-year-old van. This van is unique in that it is a vital piece of equipment that houses the necessary tools and equipment for daily and after hour water distribution and sewer collection system maintenance and repairs.

Current build time estimates for a vehicle of this type is 9 – 12 months. Versalift Midwest, located at 51761 Danview Technology Ct. Shelby Twp. MI 48135 is the vendor. The chassis will be ordered from Wolverine Truck Group, the body and upfitting will be completed by Utilimaster.

**Materials:**

Versalift Midwest Quote # J34460  
Background Information  
Pictures  
Hours Report



FORMERLY CANNON TRUCK EQUIPMENT

51761 Danview Technology Ct.

Shelby Twp, MI 48315

Ph: (586) 991-0054

Fx: (586) 991-0074

Q U O T A T I O N

=====

Quote No. J34460

STATE REG NO: F151568

DEALER LICENSE NUMBER: B6542

Page 1

Customer: 1709  
CITY OF FARMINGTON  
33720 9 MILE ROAD  
  
FARMINGTON, MI 48335

03/17/21: Quote Date  
04/16/21: Expire Date  
NET 10: Terms  
: Delivery

Contact: JOSH

Phone: 473-7250

Fax: 248-473-7279

MI-DEAL CONTRACT #017B7700166

FURNISH AND INSTALL:

- 1) WC-MT55 FREIGHTLINER MT55 WIV CHASSIS
- W001009-22 2022 CHASSIS
- W00897 DOMESTIC CHASSIS
- W00018-158 \* 158" WHEELBASE
- W00004-009 CLEAN IDLE CERT LABEL 99D-009
- W00004-67 \*6.7L DIESEL ENGINE CUMMINS
- W00013-195 \* 19.5" TIRES
- W00019-40C1 \* 40 GAL REAR CENTER STD TANK
- W00019-LH \* LH FUEL FILL
- W00015-27380 \* 27,380 GVWR
- W00016 CHASSIS SUPPLIED FACTORY A/C PREP KIT
- W002102 AMETEK I.P. CLUSTER 811-039
- W001802 INSTALL CHASSIS SUPP B/UP ALARM
- W002004 AUX FUEL PORT
- W001075 AIR BRAKES FRTLNR 018-002
- W001074 AIR SUSPENSION FRTLNR
- W002158-30 STD SWITCHBCK EXHAUST 235-100
- W002100 FREIGHTLINER 2010+ EMISSIONS
- W002313-40 STD HEATER HOSE
- WW-93 93.5W WALK-IN
- W002110-RH RH DEF TANK FILL DOOR & CLOSER
- W001784 UTILIMASTER 9" FRONT BUMPER 7GA
- W001590 DROP SHIP CHASSIS Standard
- W001009 CHASSIS MODEL YEAR
- W001009-22 2022 CHASSIS
- W00897 DOMESTIC CHASSIS
- W00018 WHEELBASE OPTIONS
- W00018-158 \* 158" WHEELBASE
- W00008 AUTOMATIC TRANSMISSION
- W00008-40 AT1000-AT2000 ALLISON STD
- W00011 DUAL REAR WHEELS
- W00004 DIESEL ENGINE
- W00004-009 CLEAN IDLE CERT LABEL 99D-009

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- W00004-67 \*6.7L DIESEL ENGINE CUMMINS
W00013 TIRE SIZE
W00013-195 \* 19.5" TIRES
W00019 FUEL TANK OPTIONS
W00019-40C \* 40 GAL REAR CENTER MOUNT
W00019-40C1 \* 40 GAL REAR CENTER STD TANK
W00019-LH \* LH FUEL FILL
W00015 CHASSIS GVWR
W00015-27380 \* 27,380 GVWR
W00016 CHAS SUPPLIED FACTORY A/C PREP KIT
\*\*Chassis must arrive with factory A/C prep kit from OEM dealership in order for Utilimaster to install A/C on final unit\*\*
W002102 AMETEK I.P. CLUSTER 811-039
W001802 INSTALL CHASSIS SUPP B/UP ALARM
W002004 AUX FUEL PORT
\*\*CHASSIS MUST BE SUPPLIED WITH AUX FUEL PORT IN TANK\*\*
FCCC Code 599-001, 599-015, 599-020 Provision for C/F generator
W001075 AIR BRAKES FRTLNR 018-002
W001074 AIR SUSPENSION FRTLNR
W002158 FREIGHTLINER EXHAUST SYSTEM
Verify chassis exhaust codes Yes
W002158-30 STD SWITCHBCK EXHAUST 235-100
W002100 FREIGHTLINER 2010+ EMISSIONS
W002313 HEATER HOSE FCCC
W002313-40 STD HEATER HOSE
WL-14 14' WALK-IN
W001902-F .100 UPPER /.100 LOWER SIDEWALL MTL
WW-93 93.5W WALK-IN Standard
WH-85 85H WALK-IN Standard
W00022 SLIDER DOOR LH Standard
W00023 SLIDER DOOR RH Standard
W00792 SLIDER WINDOW LH SILVER Standard
W001635 ALL BODIES KEYED DIFFERENTLY Standard
W00793 SLIDER WINDOW RH SILVER Standard
W00035 4" LOWERED STEPWELL LH Standard
W00036 4" LOWERED STEPWELL RH Standard
W00701 LH INTERMEDIATE STEP Standard
W00037 KASON LOCK SELECTIONS Standard

\*\*\* CONTINUED NEXT PAGE \*\*\*



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 51761 Danview Technology Ct.  
 Shelby Twp, MI 48315  
 Ph: (586) 991-0054  
 Fx: (586) 991-0074

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- W00038 \* BLACK FINISH Standard
- W00040 \* KEY TO LOCK Standard
- W00047 DOOR POCKETS STD Standard
- W00052 REAR SWING DOORS Standard
- W00053 \* TWIN 20"SWG Standard
- W002152 PIERCE AND ROLL CONSTRUCTION Standard
- W00059 HINGES NONOFFSET Standard
- W00060 EXTRA HINGE Standard
- W00061 R38 HOLDBACK W/3"EXTENSION Standard
- W00064 HEAVY DUTY RELEASE LH DOOR
- W00065 SLAMLOCK HARDWARE Standard
- W002338 CONFIGURED DOOR
- W00078 KASON REAR SWING DOOR HARDWARE Standard
- W00079 \* BLACK FINISH Standard
- W00040 \* KEY TO LOCK Standard
- W00081 \* KEYED TO CAB DOOR
- W00112 DRIVERS SEAT Standard
- W002302 \* DRIVER SUSPENSION SEAT MAGNUM
- W002302-51 MAGNUM 100 AIRRIDE DRIVER SEAT
- W002302-BV BLACK VINYL DRIVER SEAT
- W002302-41 ARMREST (2) ON DRIVER SEAT
- W002302-60 MAGNUM SEAT PEDESTAL DRIVER
- W00122 \* 3PT SEATBELT W/2LOC D-RING Standard
- W00138 DOUBLE BENCH SEAT
- W00138-41 DOUBLE BENCH SEAT 8" SETBACK
- W002090 UTILITY BULKHEAD W/CTR OPENING & DR
- W00154 BLANDEX CORE W/.030 ALUM SKIN
- W00160 KASON LATCH
- W00161 \* BLACK FINISH
- W00040 \* KEY TO LOCK
- W00833 SETBACK BULKHEAD
- W00833-70 SETBACK BULKHEAD MIN-2" to MAX-12"
- Location: 8' Setback from Standard
- W00543 SINGLE WIPER MOTOR SYSTEM Standard
- W001696 NON SKID TAPE ON CAB FLOOR RISERS Standard
- W001034 SAFE-T-TREAD IN STEPWELL
- W00180 DIESEL SOUND REDUCTION COWL Standard
- W002080 RADIOS

\*\*\* CONTINUED NEXT PAGE \*\*\*



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Fax: 248-473-7279

- W002275 RADIO DASH MNT AM/FM/WB/BLUETOOTH  
Text: Wired key control on accessory side
- W00186 INTERMITTENT WIPERS
- W00189 SUNVISOR DRIVER SIDE Standard
- W00191 \* SUNVISOR PADDED 8x28 Standard
- W00190 SUNVISOR PASSENGER SIDE
- W002136 \* SUNVISOR PADDED 8x24
- W001193 ABS CUP HOLDER LH DASH MOUNT Standard
- W002132
- W00731 ALUMINUM ENGINE COVER Standard
- W001499 ALUM DOC HLDR 3x8x12 ON ENG CVR Standard
- W002130 OVERHEAD SHELF CENTER SUPPORT
- W00226 CAB DOME LIGHT/SPECIFY TYPE Standard
- W00226-53 \* 18" LED
- W001006 DASH MNT LIGHT MASTER SWITCH 3-WAY  
Location: RH rear sidewall 60'' off floor
- W002267 ERGO DASH  
12V power port(1) and two Dual USB ports are included  
standard with the Ergo Dash.
- W002279 NO MONITOR IN DASH
- W00230 CARGO DOME LIGHT/SPECIFY TYPE Standard
- W00230-53 \* 18" LED
- Location 1: C03
- Location 2: C07
- Location 3: C11
- W00564 CARGO DOME LIGHT BATTERY HOT Standard
- W002231 ROOF PARAMETRICS
- W00242 .032" SMOOTH ALUM EXTERIOR Standard
- W00244 .024" EMBOSSED INTERIOR Standard
- W00245 FIBERGLASS INSULATION R4 Standard
- W002017 ROOF CASTINGS FOR MINI MARKERS
- W00261 REAR THRESHOLD DRAINS (2) Standard
- W00262 STD BODY UNDERCOATING Standard  
Undercoat outside the rails and not between.
- W00200 FUEL SENDING UNIT ACCESS Standard
- W00267 STANDARD WHEELWELL 41" AISLE Standard
- W002118 CARGO FLOOR PLANKS MAX 8" Standard
- W00202 HEAVY DUTY STUD PROFILE (HAT STYLE)

\*\*\* CONTINUED NEXT PAGE \*\*\*





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- W00205 STANDARD 48" SPACING Standard
W001444 EXTRA STUDS ON 16" CENTERS
W001553 ROUND RUBRAIL PROFILE Standard
W002071 STANDARD SIDEWALL LAYOUT Standard
W001902 .100 UPPER /.100 LOWER SIDEWALL MTL Standard
W00281 SIDEWALL LINER OPTIONS
W00281-41 UPFIT INSTALLED LINER
W00285 \* 5/8" PLYWOOD WHITE TEXTURE INSIDE
W00298 1-3/8" POLYSTYRENE INSUL (R4)
W00304 VENT FRESH AIR 4x10 QTR PNL LH Standard
W001862 12"GRPSTR BMPR W/CLS 4 RCVR 10K/15k
W002079 ADJUSTABLE PINTLE MOUNT 2.5"HITCH
W00780 TRAILER CONN COLE/HERSEE 7PIN
W00391 TINTED WINDSHIELD W/SHADE BAND Standard
W00581 BONDED WINDSHIELD GLASS Standard
W002320 EXTERIOR MIRRORS ROSCO Standard
W002321 RECTANGULAR MIRRORS 6.5x10 Standard
W002321-BL BLACK MIRROR Standard
W002321-REC RECTANGULAR CONVEX MIRROR 6x6.5
W002321-NH NOT HEATED Standard
W00770 FUEL FILL DOOR & CLOSER Standard
W001714 SEVEN TUBE GRILLE INSERT
W002122 WHEELWELL CUTOUT LOCATION
W002110 DEF TANK FILL DOOR & CLOSER
W002110-RH RH DEF TANK FILL DOOR & CLOSER
W00584 RIM LIFTUP HOOD Standard
W001693 HALOGEN HEADLIGHTS ATC RECT Standard
W001784 UTILIMASTER 9" FRONT BUMPER 7GA
W00412 PAINT EXT ONE COLOR
Color & Code: :
G2-4862143 RED BRIGHT (N0308HNM)
W002206 PAINT FRONT BUMPER STANDARD BLACK Standard
W002207 PAINT REAR BUMPER STANDARD BLACK Standard
W002134 DELETE UTILIMASTER LOGOS
W00431 TAIL LIGHTS Standard
W002220 4.5" LED (STD) Standard
W002220-40 GROMMET MOUNTED LED STT & BACKUP Standard
W002223 LED BACKUP LT (STD) Standard

\*\*\* CONTINUED NEXT PAGE \*\*\*



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- W00436 CLEARANCE LIGHTS Standard
W002221 LED MINI MARKER FRT & REAR (STD) Standard
W002018 MINI CLEARANCE LTS IN REAR CORNERS
W002222 LED FRONT TURN LTS (STD) Standard
W002222-40 LED FRONT TURN LTS BLACK FLANGE Standard
W002224 LED LICENSE PLATE CENTERED (STD) Standard
W002257 TAIL & BACK UP LTS IN KICKPLATE STD Standard
W002258 REAR TAILLIGHT WIRING SHIELD
W001084 CAB AC W/ELECTRONIC CONTROLS
New for 2011: 40K BTU/HR with "Clean Air Technology"
W002111 BACKUP CAMERA SYSTEMS
W002112 VOYAGER SYSTEMS
W002112-51 MONITOR ON IN REVERSE ONLY
W002112-54 LCD COLOR MONITOR
W002112-541 7" UPGRADE LCD COLOR MONITOR O/H MT
W00814 ELECTRIC BRAKE CONTROLLER
W00485 FRONT END ALIGNMENT (TOE-IN ONLY)
W001260 ENCLOSE BATTERY BOX
W001501 GENERATORS
W001501-33 ONAN 5KW DIESEL GEN (CMQD) 120/240V
Location: Located inside cargo area above workbench
W001502 GENERATOR COMPARTMENTS
W001502-36 ONAN 5.0KW GEN COMPT DROP THRU STL
Location: Mounted Driverside rear corner
W001546 UTILITY TRUCK EXTERIOR LIGHTING
W002070 LED DIRECTIONAL ARROW STICK
W002070-31 REAR HEADER MOUNTED
W002067 AMBER LED MINI STROBE
W002067-31 FRONT HEADER MOUNTED STROBE
W002067-32 REAR HEADER MOUNTED STROBE
W002067-33 LH SIDEWALL MOUNTED STROBE
W002067-34 RH SIDEWALL MOUNTED STROBE
Location 1: DS Cargo Area Front
W001547 UTILITY TRUCK 120V ACCESORIES
W001820 50 AMP 120/240 SERVICE PANEL WO/SHO
Location: Driver side behind bulkhead
W001646 120V 15 AMP EXTERIOR OUTLET GFI
Location 1: Driverside Rear



FORMERLY CANNON TRUCK EQUIPMENT

51761 Danview Technology Ct.
Shelby Twp, MI 48315
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Q U O T A T I O N
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- Location 2: Passengerside Rear
4 W001647 120V 15 AMP INTERIOR OUTLET
Location 1: DS Cargo aera Front
Location 2: DS Cargo Area Rear
Location 3: PS Cargo Area Front
Location 4: PS Cargo Area Rear
W002159 CONVERTER/CHARGER 45A 120V TO 12V
Location: above workbench
W002175 SHORE CORD 15A W/AUTO TRANSFER SWTC
Location: Driverside front quarter panel
W001538 FRONT DOUBLE CONE HOLDER
W001563 VISE ASSEMBLIES & HOLDERS
W001572 VISE MOUNTING BRACKET
VISE MOUNTING BRACKET WILL BE MOUNTED ON THE LH or RH REAR BUMPER.
Will fit COLUMBIA #D44-4 1/2'' or similar (Vise not included)
Location: Rear bumper - Passengerside
W001849 FLIP DOWN REAR STEP BMPR 36"Wx12"D
Location: Mount center of bumper
RFO 4 False wall RH
RFO 5 EZ Stack Package
RFO 6 5" mechanics vise
RFO 7 Wabasto Diesel Fired Heater
RFO 8 Aux Batteries (2) and underfloor compartment
RFO 9 Exterior lighting package (2) rear (2) each side
RFO 10 Cargo area Countertop with Vise Bracket

TOTAL ABOVE MI-DEAL CONTRACT PRICING..... \$ 157,459.00

THANK YOU,
CURT ANDERSON

QUOTE ACCEPTED AS AN ORDER \_\_\_\_\_ DATE \_\_\_\_\_ TRUCK INFO: \_\_\_\_\_

GOODS ARE SOLD ONLY WITH SUCH WARRANTIES AS MAY BE EXTENDED BY MANUFACTURER OF THE PRODUCT. WE MAKE NO OTHER WARRANTY & THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY. SALES TAX NOT INCLUDED IN ABOVE PRICE.

## REPLACEMENT OF WATER AND SEWER VAN WITH UTILIMASTER VEHICLE

The Water and Sewer van is the 3<sup>rd</sup> most used vehicle in the DPW's fleet and is used over 1,300 hours per year. This box style van is over 16 years old and has reached the end of its useful life. Rather than replacing this vehicle with another box style van, the DPW is requesting to purchase a new type of equipment – a walk-in style van. Because this is a different type of equipment than what the DPW has used in the past and because it is significantly more expensive, Administration wanted to discuss why this change is being recommended.

The DPW is requesting a walk-in style van because it will increase productivity, improve health and safety, decrease costly injuries, and add morale to the water department. Purchasing the vehicle through the MiDEAL (state cooperative purchasing) assures the best possible price. Below is information related to this important piece of equipment.

### Current Box Style Van





**Utilimaster Walk-In Style**





### **Productivity Features**

- Mobile workspace including work bench w/ vise
  - On site power- no lifting of generators
  - On site lighting- No portable light stands, cords
  - Three-person seating- vital when transporting equipment-max 2 people in box style van
  - Spacious cab- winter gear is bulky (All current water personal wear size 12 boots)
  - Heated cargo area- this is the “lunch-room” during winter after hour emergency repairs
  - Well-designed tool and equipment storage
- 
- Improvement to Hydrant Repairs- currently when we return to make repairs to hydrants following fall inspection/winterization, hydrants are disassembled, and parts are loaded up and brought back to the shop to service and/or repair due to limited space/room and climate control in our current vehicle. The proposed walk-in style van houses a work bench with a vise that can also be relocated to the rear bumper if needed. The cargo area is also equipped with a heater that is fueled from the van’s fuel tank, which is essential providing that the majority of these repairs are conducted during fall/winter months. As of now, 10% of repairs are made on site. With a walk-in style van, we can increase on-site repairs to 80%+, which would be more efficient with less loading, unloading, and travel time.
  - WMB- once again the configuration of the cargo area allows for detailed tool, equipment, and material storage while leaving a clear walkway to navigate. Vehicle equipped generator powers

exterior lighting and outlets for nighttime emergency repairs eliminating the need and time to set up portable generators and light stands.

Increased productivity will lead to reduced costs, estimated as follows:

Task	Regular Hours Per Year	Overtime Hours Per Year	Regular Rate Per Hour (Including Benefits)	Overtime Rate Per Hour (Including Benefits)	Anticipated Yearly Savings
Fire Hydrant Repairs (2 Workers)	18	-	\$ 49.76	-	\$ 1,791.36
WMB Repairs (3 Workers)	4	3.5	\$ 51.57	\$ 77.36	\$ 1,431.12
On-site Power (3 Workers)	2	1.75	\$ 51.57	\$ 77.36	\$ 715.56
On-site Lighting (3 Workers)	2	1.75	\$ 51.57	\$ 77.36	\$ 715.56
Tool and Equipment Transport (3 Workers)	4	3.5	\$ 51.57	\$ 77.36	\$ 1,431.12
<b>Total</b>					<b>\$ 6,084.72</b>
<b>Above figures are based on 2020 activity; wages are an average</b>					
3 person seating will eliminate need to bring another vehicle to the site.					

### Safety Features

- Ease of entry and exit to cab and cargo area

While on site, crews are constantly in and out of the cargo area retrieving tools and supplies. The current bumper height is 20" from the step to the ground and the height from the bumper to the cargo area is 17". Crews navigate these aerial heights multiple times throughout the day carrying tools, generators, pumps, gas cans, etc.

Walk-in style vans offer a body with air suspension that is released when the vehicle is parked. They also have a flip-down step that aids in entry to the cargo area. While the air bags are inflated, the height of the fold-down step is 12" and 22" to the bumper from the ground. When air is released, the fold-down step is 6" and 16" to the bumper from the ground. The cargo area is 14" from the bumper in either situation. Air-ride suspension only comes on diesel chassis applications.

- The configuration of a walk-in van will also reduce the frequency to enter and exit the cargo area:
  - Light stand and cords are not needed
  - Ladder storage is exterior
  - Water key storage is exterior
  - Has on-site power-no need to move generator to and from cargo area

### Injury Cost Avoidance

Changing to the walk-in style van with its lower entry height and exterior storage could result in significant cost avoidance related to injuries. Over the last 3 years, the City has had 2 claims for injuries related to moving onto and off of vehicles. These injuries have cost the City's insurance carrier over \$131,000 and

have caused the City's workers compensation rates to rapidly increase as the insurance company tries to recover its cost.

### **Morale**

Having the right tools and equipment to do a job is essential. The walk-in style van with exterior storage features will help employees to do their job better. There will be less time spent setting up and breaking down jobs and more time spent maintaining the City's water and sewer systems, making better use of employees' time.

### **Cost**

A new box style van is \$60,000. The walk-in style is \$160,000. Over the estimated useful life of 20 years, the \$100,000 cost difference between the 2 vehicles is \$5,000 per year. This difference in up-front cost is substantially offset in future years by the productivity gains described above. Also, if it helps avoid an injury or two over its 20 years of use, it will more than pay for the difference in up-front cost.

### ATTACHMENTS

Workers Compensation Email

Equipment Hours Report



**Lisa McGill**

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**From:** Joshua Leach  
**Sent:** Tuesday, March 30, 2021 3:16 PM  
**To:** Lisa McGill  
**Subject:** FW: DPW Workers Comp Injuries

**From:** Joshua Leach  
**Sent:** Wednesday, March 24, 2021 10:19 AM  
**To:** David Murphy <DMurphy@farmgov.com>  
**Cc:** Chuck Eudy <ceudy@farmgov.com>  
**Subject:** FW: DPW Workers Comp Injuries

**From:** Judy Thomson-Torosian <[Judith.Thomson-Torosian@Meadowbrook.com](mailto:Judith.Thomson-Torosian@Meadowbrook.com)>  
**Sent:** Tuesday, March 23, 2021 4:39 PM  
**To:** Joshua Leach <[jleach@farmgov.com](mailto:jleach@farmgov.com)>  
**Cc:** Rod Pearson <[Rod.Pearson@Meadowbrook.com](mailto:Rod.Pearson@Meadowbrook.com)>; Todd Weaver <[Todd.Weaver@Meadowbrook.com](mailto:Todd.Weaver@Meadowbrook.com)>; Chris Weber <[cweber@farmgov.com](mailto:cweber@farmgov.com)>  
**Subject:** DPW Workers Comp Injuries

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Joshua: Here is some claim information for Public Works members of the MML Workers' Compensation Fund:

For the entire Fund, Public Works were responsible for 14% of the frequency and 24% of the Fund's claim severity accounting for \$9.275 million in total incurred costs for the period 7-1-2017 through 6-30-2020. I compared this with how much of this was from the City of Farmington's DPW Department:

DPW Claim Experience for the Period 7-1-2017/6-30-2020	ALL 916 Fund Members				City of Farmington DPW (Comparison with Entire Fund)			
	# Claims	% Frequency	Total Incurred	% Severity	# Claims	% Frequency (compared to the entire Fund)	Total Incurred	% Severity (compared to the entire Fund)
Allergic Reaction	2	0.23%	\$1,153	0.01%				

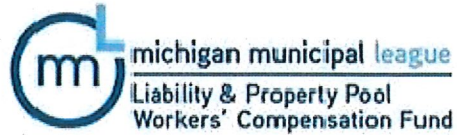
Animal Bite or Scratch	7	0.79%	\$1,980	0.02%				
Burn, Scald, Blister, etc (hot object or fluids)	11	1.24%	\$394,329	4.25%				
Caught In/On/Between Object	52	5.86%	\$182,375	1.97%				
Cave In/Trench Collapse	2	0.23%	\$1,026	0.01%				
Contact with Electricity	2	0.23%	\$2,195	0.02%				
Contact with Poisonous Vegetation	39	4.39%	\$9,404	0.10%				
Cumulative or Repetitive Injury	5	0.56%	\$30,804	0.33%				
Cut, Laceration, Scrape, Scratch or Puncture	89	10.02%	\$81,368	0.88%				
Dizzy/Faint/Syncope	1	0.11%	\$87	0.00%				
Exposure to Harmful/Toxic/Dangerous Substance	8	0.90%	\$1,545	0.02%				
Fall from Height/Elevation	18	2.03%	\$854,308	9.21%				
Foreign Object in Eye	55	6.19%	\$17,393	0.19%				
Heart Attack/Heart Condition	4	0.45%	\$2,561	0.03%				
Heat Exhaustion/Heat Stroke	3	0.34%	\$1,406	0.02%				
Ins. Vehicle hit fixed object	4	0.45%	\$973	0.01%				
Insect Bite or Sting	33	3.72%	\$20,383	0.22%				
<b>Lifting/Carrying/Bending/Turning</b>	<b>210</b>	<b>23.65%</b>	<b>\$1,501,056</b>	<b>16.18%</b>	<b>1</b>	<b>0.48%</b>	<b>\$225,168</b>	<b>15.00%</b>
Mental/Emotional/Psychological Disorder	1	0.11%	\$0	0.00%				
Noise Exposure	2	0.23%	\$727	0.01%				
Other Vehicle at Fault, All Other NOC	8	0.90%	\$362,525	3.91%				
Other Vehicle hit parked Ins. Vehicle	1	0.11%	\$4,061,187*	43.78%				
Other Vehicle rear-ended Ins. Vehicle	4	0.45%	\$4,778	0.05%				
<b>Slip, Trip or Fall</b>	<b>98</b>	<b>11.04%</b>	<b>\$536,162</b>	<b>5.78%</b>	<b>2</b>	<b>2.04%</b>	<b>\$131,497</b>	<b>24.53%</b>
Slip/Fall-Ice or Snow	55	6.19%	\$492,359	5.31%				
Struck by or Against an Object	169	19.03%	\$711,839	7.67%				
Treating or Assisting Patient	1	0.11%	\$173	0.00%				
Vehicle Accident (NOC)	2	0.23%	\$349	0.00%				
Vehicle Accident (NOC)	2	0.23%	\$871	0.01%				
<b>Grand Total</b>	<b>888</b>	<b>100.00%</b>	<b>\$9,275,314</b>	<b>100.00%</b>				

I am copying Chris Weber as he is our contact person from the City. Let me know if questions.

*Judy*

Judith A. Thomson-Torosian, CPCU, CIC, ARM

MML Service and Sales Manager  
MML Liability & Property Pool  
MML Workers' Compensation Fund  
248-204-6137  
[jthomson@meadowbrook.com](mailto:jthomson@meadowbrook.com)



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**From:** Joshua Leach <[jleach@farmgov.com](mailto:jleach@farmgov.com)>  
**Sent:** Tuesday, March 23, 2021 10:01 AM  
**To:** Agency - Marketing <[agency@meadowbrook.com](mailto:agency@meadowbrook.com)>  
**Subject:** External Email: Workers Comp Injuries

Good Morning,

I am looking for information or a quick table that displays the injuries and average cost in the public works departments throughout Michigan that result in workers comp claims.

Thank you,

Joshua Leach  
Assistant Superintendent of Public Works  
City of Farmington  
33720 West 9 Mile Road  
Farmington, MI 48335  
248-473-7250

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Equipment ID Employee ID	Description Name	GL Number	Activity Code	Date	Hours	Rate	Approx Cost
05	DUMP TRUCK 2016 108SD	39,0			280.75		13,946.88
06	Dump Truck 2000 G.M.C. C7H0				231.00		6,681.71
08	DUMP TRUCK 108 SD 39,000 #				156.75		7,797.03
09	Dump Truck 1998 Chevrolet C				223.50		6,828.62
10	Pickup 2006 G.M.C. Sierra 4				621.50		7,307.74
11	PICKUP 2014 FORD F-250 4X4				1,709.50		20,108.08
12	Pickup 2005 G.M.C. Sierra 4				296.75		3,482.97
13	Van 2005 G.M.C. Savana 10,1				1,306.50		18,995.40
14	Pickup 2000 Ford F350 4 x 4				122.25		1,434.06
15	VAN 2015 CHEVROLET EXPRESS				1,800.75		16,240.82
16	Pickup 2007 G.M.C. Sierra 4				452.00		5,308.46
20	VACTOR TRUCK 2020 FREIGHTLI				560.50		28,132.21
53	PICKUP 2014 FORD F-250 4X4				334.00		3,928.60
17	PICKUP 2017 G.M.C. 2500 HD				365.25		3,319.09
-----							
Grand Totals							
Equipment:				14	8,461.00		143,511.67
Materials:				0	0.00		0.00
Totals:				14			143,511.67

Equipment ID Employee ID	Description Name	GL Number	Activity Code	Date	Hours	Rate	Approx Cost
05	DUMP TRUCK 2016 108SD	39,0			329.50		14,915.77
06	Dump Truck 2000 G.M.C. C7H0				210.00		7,320.52
08	DUMP TRUCK 108 SD 39,000 #				417.75		18,900.03
09	Dump Truck 1998 Chevrolet C				201.25		7,010.21
10	Pickup 2006 G.M.C. Sierra 4				896.25		11,303.37
11	PICKUP 2014 FORD F-250 4X4				1,926.30		24,306.98
12	Pickup 2005 G.M.C. Sierra 4				538.50		6,797.38
13	Van 2005 G.M.C. Savana 10,1				1,296.76		19,280.73
14	Pickup 2000 Ford F350 4 x 4				302.75		3,817.72
15	VAN 2015 CHEVROLET EXPRESS				1,738.50		16,336.32
16	Pickup 2007 G.M.C. Sierra 4				859.25		10,833.61
20	VACTOR TRUCK 2020 FREIGHTLI				731.50		33,302.67
53	PICKUP 2014 FORD F-250 4X4				482.25		6,087.19
17	PICKUP 2017 G.M.C. 2500 HD				231.75		2,175.91
-----							
Grand Totals							
Equipment:				14	10,162.31		182,388.41
Materials:				0	0.00		0.00
Totals:				14			182,388.41

Equipment ID Employee ID	Description Name	GL Number	Activity Code	Date	Hours	Rate	Approx Cost
05	DUMP TRUCK 2016 108SD	39,0			258.75		12,945.09
06	Dump Truck 2000 G.M.C. C7H0				258.25		9,072.74
08	DUMP TRUCK 108 SD 39,000 #				459.00		23,045.96
09	Dump Truck 1998 Chevrolet C				264.00		9,274.31
10	Pickup 2006 G.M.C. Sierra 4				867.25		11,362.52
11	PICKUP 2014 FORD F-250 4X4				1,627.75		21,354.64
12	Pickup 2005 G.M.C. Sierra 4				825.00		10,823.49
13	Van 2005 G.M.C. Savana 10,1				1,254.50		18,820.44
14	Pickup 2000 Ford F350 4 x 4				263.00		3,432.58
15	VAN 2015 CHEVROLET EXPRESS				1,640.00		16,618.44
16	Pickup 2007 G.M.C. Sierra 4				1,144.50		15,022.16
20	VACTOR TRUCK 2020 FREIGHTLI				680.00		33,844.54
53	PICKUP 2014 FORD F-250 4X4				320.25		4,200.37
17	PICKUP 2017 G.M.C. 2500 HD				890.50		9,015.24
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Grand Totals							
Equipment:				14	10,752.75		198,832.52
Materials:				0	0.00		0.00
Totals:				14			198,832.52