



Regular City Council Meeting
7:00 p.m., Monday, March 18, 2019
City Council Chambers
23600 Liberty Street
Farmington, MI 48335

REGULAR MEETING AGENDA

1. **ROLL CALL**
2. **PLEDGE OF ALLEGIANCE**
3. **PUBLIC COMMENT**
4. **APPROVAL OF ITEMS ON CONSENT AGENDA**
 - A. **Accept Minutes from City Boards and Commissions**
 - B. **Council Meeting Minutes**
 - C. **Farmington Monthly Payments Report**
 - D. **Farmington Public Safety Monthly Report**
 - E. **Daniel Westendorf resignation from the Historical Commission**
 - F. **Special Event Application: Swing Farmington**
 - G. **Amend the City Fee Schedule – Chapter 3 Cemetery**
5. **APPROVAL OF REGULAR AGENDA**
6. **PRESENTATION/PUBLIC HEARINGS**
 - A. **Proclamation Recognizing Sergeant Reginald Madeline**
 - B. **Special Event Application: Best Ever Egg Hunt, Riley Park, April 21**
7. **NEW BUSINESS**
 - A. **Consideration to accept bid and award the Public Surveillance Camera Project**
 - B. **Consideration to adopt resolution and allocate funds for the US-16 Drain rehabilitation project**
 - C. **Consideration of resolution to Accept Oakland County West Nile Grant**
 - D. **Proclamation: Child Abuse Prevention and Awareness Month**
 - E. **Consideration to introduce amendment of Telecommunications Ordinance relating to wireless antennas**
 - F. **Consideration to introduce amendment of Streets and Sidewalks Ordinance relating to right-of-way permits for wireless antennas**
8. **DEPARTMENT COMMENT**
9. **CITY COUNCIL COMMENTS**
10. **ADJOURNMENT**

Farmington City Council Staff Report	Council Meeting Date: March 18, 2019	Item Number 4A
Submitted by: Melissa Andrade		
<u>Agenda Topic:</u> Accept Minutes from City's Boards and Commissions		
CIA: March meeting canceled DDA: February 6 & February 20 (special) 2019 Historical: January 2019 Parking: January 2019 Planning: February 2019 ZBA: February meeting canceled Library: December 2018 Farmington/Farmington Hills Arts Commission: January 2019 Commission on Children, Youth and Families: February meeting canceled Emergency Preparedness Committee: January 2019 Roads Committee: February 2019		



FARMINGTON DOWNTOWN DEVELOPMENT AUTHORITY
Meeting Minutes
Wednesday, February 6, 2019
Farmington City Hall

The February 6, 2019 meeting was called to order by Todd Craft at 6:09 p.m.

1. ROLL CALL

PRESENT: Todd Craft, Stephanie Clement, Sean Murphy, Steve Schneemann, Kathy Griswold, Rachel Gallagher and Micki Skrzycki

ABSENT: Tom Pascaris, Tom Buck

OTHERS PRESENT: Kate Knight, DDA Executive Director
David Murphy, City Manager

2. APPROVAL OF ITEMS ON CONSENT AGENDA

Motion by Gallagher, seconded by Griswold, to approve the following items on the consent agenda:

- a. Financial Report
- b. Minutes: January 9, 2019 Meeting

Motion carried 7-0-2.

3. APPROVAL OF REGULAR AGENDA

Motion by Schneemann seconded by Gallagher, to approve the February 9, 2019 agenda as presented.

Motion carried 7-0-2.

4. PUBLIC COMMENT

Call to the Public at 6:11 p.m.
Call to the Public closed at 6:11 p.m.

5. FINANCIAL SNAPSHOT

No questions or comments

6. EXECUTIVE DIRECTOR UPDATE

Knight confirmed the date for Metromode's contracted event on February 27, An Evening with Metromode, at the Farmington Civic Theater. The panel discussion will feature Dan Gilmartin, CEO of Michigan Municipal League, Steve Schneemann, Metromode founder Brian Boyle and Kate Knight, talking about how promoting a

vibrant, walkable downtown improved community engagement and workforce productivity. The event is free, but ticketed online through LocalHop. Light fare from a downtown restaurant will be served. The DDA is hoping to gain coalition partners to support future work with Metromode.

Work planning is underway for the Fiscal Year 2019-2020. The work plan includes the planned Oakland Street reconstruction, which fulfills several of the key themes of the DDA mission and also commits significant funding.

Main Street Evaluation is February 13. Ray Scriber from Main Street Louisiana will lead the evaluation. The Board is scheduled to meet with Scriber, as well as elected officials, volunteers and business owners. The agenda will begin at 9:30 for the Board to accommodate the State of the Cities breakfast.

Knight asked Griswold to report to the Board regarding the D Business District Detroit meeting they both attended at the WSU Ilitch School of Business on Feb 7. Griswold briefly described the presentation by the urban design and marketing team for District Detroit, and that it was applicable to small downtowns like Farmington. Walkability, public art, and small business environment are key to attracting new visitors and residents. Griswold said it gave a renewed perspective and boost of energy toward the work required for the DDA.

7. COMMITTEE UPDATES

Per discussion at the January Board meeting, the DDA will ask Committee chairs to present on current work per project or meeting group. The chairs for active committees are Schneemann, Design Committee, Murphy, Promotions Committee, Craft volunteered to chair the Public Art Committee. Skryzcki and Buck, Co-Chairs for a recently formed Founders Festival Committee, to gauge merchant concern and interest in programming to compensate for Founders moving to Shiawassee Park in 2019.

Design Committee Update by Chair Steve Schneemann:

Design Committee hasn't met since December. Oakland Street planned reconstruction is the biggest project going. The committee has looked at recommending some improvements at Riley Park. The festival lighting installation was completed in December and there are more items there for consideration. Gallagher suggested that the Design Committee look at iron fencing on southeast side of park to improve pedestrian access. Schneemann also mentioned screening around the ice rink and chiller.

Public Art Committee Update by Chair Todd Craft:

Craft discussed the Evening with Artist John Martin on February 3. More than 50 attendees gathered at MI.Mosa to listen to the muralist talk about the design thought and iconography behind the mural. Gallagher, Skryzcki and Craft attended, and reported that there was good attendance support from members of the Arts Commission and community, despite it being Super Bowl Sunday. Other projects

planned by the Public Art Committee include a downtown window design contest, with the theme “Old Time Radio Hour” to align with Main Street Oakland County’s contest in early Spring. Merchants have been notified and the contest is posted. More mural projects are a priority for the committee. Another project idea is the display of public art in Farmington City Hall. The Board discussed the opportunity for public art as part of the improvement at Oakland Street. Knight shared that the idea had been brought up in past committee discussion: using public art to mark pedestrian connections into downtown, as identified in the Downtown Master Plan. Schneemann asked whether the David Barr sculpture, “Shift” had been repaired. Some damage had been incurred, and evaluated with DPW. Spot welding and painting is planned, and will be finished once weather allows. Knight will follow up. Knight shared that DPS won a \$100,000 grant to install security cameras throughout downtown. Installation is set for Spring 2019.

Promotions Committee Update by Chair Sean Murphy

Plans are underway to activate this committee to meet on a project basis, beginning in March.

Founders Committee Update by Co-Chair Micki Skrycki

Skrycki stated that no formal survey has taken place.49”30 Gallagher updated the Board with what would be required to produce a renewed Alley Regally event during Founders, if Legato’s Diane Cassidy took the project on. Cassidy would need: sponsorship, underwriting from the city or DDA, and specified that the tent and layout should locate at Riley Park. The Board discussed that the Farmers Market would relocate back to its usual spot at the Riley Park pavilion for the weekend of Founders. Knight has confirmed that concert producer Go2Guy is available to produce an additional Friday night concert as part of the Rhythms in Riley Park, a la carte. Knight shared that she, Craft and Gallagher had met with Mary Martin of the GFAC the morning after the January DDA Board meeting. Martin had listened to concern from the DDA, and agreed to approach the Chamber Board with the idea of downtown programming that would complement the whole of Shiawassee Park’s festival efforts. Gallagher cited that any Alley Regally plan would need sponsorship development. The Board discussed whether marketing downtown programming in cooperation with the Chamber’s efforts, as part of Founders Festival, was prudent, or even possible, as the bulk of the program would be out of downtown. The Chamber stated that outlying programming located downtown would need to be separately insured. Knight reminded the Board that it would need to be determined by the majority whether DDA staff time should or would be spent on vetting options for sponsorship and other due diligence. The Board determined in January 2018 that a committee would be formed to engage downtown business with outreach and feedback regarding Founders Festival activities. The ad hoc committee was formed, and Skrycki and Buck agreed to lead. Knight offered again to create a survey for the committee to use in collecting data from business. The Board discussed how many hours of Board and staff time should be committed to efforts that may or may not be to the benefit of the greater DDA community. Is it for a few vocal businesses, or all? Craft stated that the DDA is interviewing for promotions coordinator currently, and is understaffed to take on exploratory festival investigation or planning. Murphy

concluded that the DDA work plan doesn't have extra room to produce an additional event. The Board agrees that they would prefer to have Founders Festival downtown, and if it isn't downtown, that something else should be done. Griswold commented that you can't erase a community brand in one year, and what if this is a one year experiment? Griswold expressed doubt that an Alley Regally-type event should even be held. Murphy and Schneemann asserted that downtown restaurants would still thrive during the festival. Gallagher and Skryzcki contested that restaurants would suffer without direct walkable adjacency. Craft mentioned that the most vocal businesses, complaining about the relocation of Founders, had also stated unwillingness to produce their own promotional activity. Although, Martin (GFAC) shared that one downtown bar owner had contacted the bands under contract with the Chamber, and asked them to break their contracts for the Founders dates. He said that he would hire them at his establishment instead, for those dates. Craft asked whether the DDA has something like underwriting an Alley Regally in the budget. Schneemann iterated that the DDA should be frank with the Chamber that the DDA would retain the right to market an Alley Regally outside of the Chamber's Founders marketing efforts. Gallagher listed the logistical sequence for an Alley Regally. Schneemann pointed out that the Farmers Market had already received Council permission to use the pavilion at Riley Park, so locating a tent for Alley Regally would have to accommodate that use already committed. Council would not approve two events for the same space, same time. Another location might be more appropriate. Schneemann stated that the DDA needed to make a decision one way or the other. Skryzcki agreed that she and Buck would reach out to Walt Gajewski to inquire about the possibility of sharing the park space. Knight cited minutes from the January 2019 DDA regular meeting, affirming that the committee chairs, Skryzcki and Buck had agreed to lead the Founders exploratory effort. Skryzcki committed to canvassing the merchants and working with Buck to bring an organized understanding of merchant opinion. Knight agreed to create a survey for businesses for this purpose. The Board agreed that the discussion was inconclusive, and that they would wait to hear downtown business consensus. Schneemann: We need to hear from the merchants to make a qualified decisions. Griswold: We'll wait to hear from merchants; let's not react to a few vocal business owners if it's not a concern or benefit for the entire downtown. Chemical Bank is not able to open during the Saturday of Founders, usually. However, if the majority of businesses want it, the DDA is obligated to support that. Clement: Ask the businesses specifically what they want AND how they would commit to participate with promotion and marketing. There are other options for expanding downtown activities: sidewalk sales, concert, farmers market, that would bolster downtown activity that weekend. Gallagher: Let's hear from merchants. Murphy: We do it if the merchants want it. Let's poll them.

8. PUBLICATION OF ANNUAL REPORT OF TAX INCREMENT FINANCING

Pursuant to Section 125.1665 of Act 197 of the Public Acts of 1975, the Farmington Downtown Development Authority is required to publish an annual report on the status of its tax increment financing (TIF) account. The report is to include information regarding the revenue, expenditures and bond indebtedness of the TIF account, which, for our purposes, is the DDA general fund.

New legislation (2018 PA 57, Effective January 1, 2019) requires new DDA/TIF reporting and informational meeting requirements. TIF information must be publicly posted on a municipal website, and a second informational meeting must be held annually.

It is still required that the report be published in a newspaper of general circulation in the municipality. We will, therefore, arrange for the report to be published as a legal notice in the next available issue of the Farmington Press.

ACTION:

Authorize the publication of the Fiscal Year 2017-18 Annual Report, funds to be derived from Miscellaneous Expenses, Account #248-00.000-956.000.

MOTION by Schneemann, SECONDED by Gallagher, RESOLVED, that DDA Board authorize the publication of the Fiscal Year 2017-18 Annual Report, funds to be derived from Miscellaneous Expenses, Account #248-00.000-956.000.

Motion carried 7-0-2

9. Work Plan

Knight discussed the work plan changes from the previous fiscal year. The planned Oakland Street reconstruction would consume a large amount of effort and funding from the DDA. Murphy asked about next steps for that project. What does Council's authorization to "proceed to bid" mean? Schneemann explained that the project would go out to contractors to receive costing. Once bids are received, the final decision would be made by Council. The Oakland Street project would fulfill multiple core themes within the DDA work plan, covering everything from increasing and improving parking, to supporting cleanliness and maintenance downtown. Public art would continue as a focus. Knight observed that the funding for service and maintenance is probably accurate, and there is a plan ready to execute as a result of the newly created Landscape and Maintenance Guidelines, once warmer weather arrives. Efforts to organize operations with DPW will continue. Events funding will remain consistent. Lunch Beats promotions spending will increase slightly, to bolster this new series in its second year. Continued investment with IMG/Metromode is included for consideration. Another contract would commit a major percentage of the DDA's communications and promotions budget. The Board has shown support for the project thus far. Knight recommended the reinstatement of a façade improvement program, seeded with \$20,000. It's an effective matching program that incentivizes private investment, and is supported by the Main Street program. It's a reasonable expectation as annual tax assessments are finalized, that there will be a slight increase in TIF capture, which would support funding this program. Any unspent, budgeted monies, could be potentially allocated toward physical improvement to supplement city investment, such as streetscapes, parking, etc.

10. Other Business

Board member Schneemann, City Council liaison to the Board, reported that a suggestion was made at the January 14, 2019 City Council meeting that it may be beneficial to broadcast future DDA meetings. Council members discussed the idea and decided not to recommend to the DDA that meetings be broadcast at this time. A discussion by Board members on whether DDA meetings should be broadcast live ensued. The Board discussed the challenges a live broadcast might present with the small meeting space and lack of microphones. The Board discussed the importance of providing an open forum and its commitment to ensuring that DDA meetings continue to be open and accessible to the public. The Board was in agreement that live broadcasts were not practical at this time.

11. Board Comment

Schneemann requested that Knight look into the Samurai sign, which never went through Design Committee approval. Knight agreed to follow up. DDA staff inquired of Economic and Community Development, and was informed that existing signage was grandfathered. Schneeman maintained that the DDA Design Committee would want to contest whether the “grandfathering” precedent applies to this temporary sign.

Schneemann thinks that we as a Board need to be supportive of our volunteer advisory committees.

Sckryzcki invited the DDA Board to a film screening of the Greater Farmington Film Festival this Tuesday at the Farmington Civic Theater.

Craft requested that the DDA explore more ways to be autonomous- maybe not shared services such as payroll and rent, but in ways that promote partnership in a shared mission for a great downtown. Schneemann asked whether DDA staff has a positive working relationship with city administration. Knight commented that she and city administration have a strong and positive working relationship, and that the benefits of adjacency to city departments facilitate an efficient and helpful environment.

12. Adjournment

Motion by Murphy, seconded by Skryzcki to adjourn at 8:46 p.m.

Motion carried 7-0-2.

Respectfully Submitted,

Kate Knight
Executive Director,
Farmington DDA

The next regular meeting will be held at 6:00 p.m. on Wednesday, March 6, 2019, in the conference room at Farmington City Hall.



FARMINGTON DOWNTOWN DEVELOPMENT AUTHORITY
Meeting Minutes
Wednesday, February 20, 2019
Farmington City Hall

The February 20, 2019 meeting was called to order by Todd Craft at 8:04 a.m.

1. ROLL CALL

PRESENT: Todd Craft, Stephanie Clement, Sean Murphy, Steve Schneemann, Kathy Griswold, and Micki Skrzycki

ABSENT: Tom Pascaris, Tom Buck, Rachel Gallagher

OTHERS PRESENT: Kate Knight, DDA Executive Director

2. APPROVAL OF REGULAR AGENDA

Motion by Schneemann, seconded by Griswold, to approve the February 20, 2019 agenda as presented.

Motion carried 6-0-3.

3. PUBLIC COMMENT

Call to the Public at 8:06 a.m.

Call to the Public closed at 8:07 a.m.

4. Authorization of Expenditure for AT&T Utility Improvement for Planned Oakland Street Reconstruction

Motion by Skrzycki, Seconded by Craft

RESOLVED, that the DDA Board move to approve the AT&T "Estimate of Cost and Authority to Work" for relocation and burial of overhead utilities in the amount of \$75,663.31, as part of the Oakland Street Project, and to authorize the Executive Director to sign on behalf of the Board. It is the Board's intent to seek reimbursement for a portion of the cost of this relocation and burial project as part of the eventual allocation of costs between the City and the DDA for the Oakland Street Project.

Motion carried 6-0-3.

5. Other Business

None

6. Board Comment

None

7. Adjournment

Motion by Murphy, seconded by Skryzcki to adjourn at 8:14 a.m.

Motion carried 6-0-3.

Respectfully Submitted,

Kate Knight
Executive Director,
Farmington DDA

The next regular meeting will be held at 6:00 p.m. on Wednesday, March 6, 2019, in the conference room at Farmington City Hall.

Historical Commission Regular Meeting

1. Call to Order
 - a. Begin at 7:30 pm
2. Roll Call
 - a. Commissioners Present: Jane Gundlach, Kieth Grattan, Daniel Westendorf, Bernard Wolocko, Laura Myers, and Sharon Bernath
3. Approval of Agenda
 - a. Motion by Jane Gundlach, Second by Ben Wolocko, Unanimous approval
4. Public Comment
 - a. Kathy – Interested in Historical Commission participation
5. Approval of minutes from meeting on August 23rd, 2018
 - a. No meeting, no minutes
7. Financial Report
 - a. No change
8. Warner Mansion Activities
 - a. Starting soon with Book Reading
 - b. Continuing inventory on Wednesdays
9. New Business
10. Old Business
 - a. Warner Mansion fountain repair
 - i. Can the Historical Commission spend its money on the fountain?
 - b. Historic District Survey
 - i. Laura Myers has assembled initial survey
 - ii. Next steps, divide addresses among commission members to take updated photos and assess whether or not the houses are contributing
11. Correspondence and Communications
12. Commission Comments
13. Adjournment
 - a. 8:15 pm

Meeting notes: Farmington Parking Advisory Committee Meeting

Jan. 16,2019

Meeting called to order 7:05 pm

ATTENDEES:

Rachel Gallagher <rachelegallagher@aol.com>
Commander Andy Morche (Substituting for Public Safety Director Frank Demers)
Bill Galvin <bgalving@farmgov.com>
Kenneth Crutcher <crutcherk@crutcherstudio.com>,
Chris Halas <ch.halas@gmail.com>,
Joe Mantey <cheeseladyfarmington@gmail.com>

Agenda

Halas made a motion to delete agenda item 8 (Discussion of improving Pedestrian Access from Parking to Shopping). The reason for the motion was because Halas already presented the item at the November meeting. It appeared to have been carried over to the January 16th agenda from the November agenda. Gallagher supported the motion. All were in favor of removing the item.

Revised agenda was approved after deleting item 8. All were in favor.

Minutes from November 28, 2018, were approved. All were in favor.

PUBLIC COMMENT

No public comments were made.

PUBLIC SAFETY UPDATE

The public safety update was supplied by Commander Morche. A total of 24 citations were issued for the month of December. Two of those citations were in the amount of \$100, the repeat violator fine.

Gallagher asked for clarification on the newly implemented fine for repeat

parking violators. She pointed out that we were never told how tickets were being issued. She asked if it was by license plate or by name. She pointed out that the procedure indicated by Chief Demers was not consistent with how the officer was issuing tickets. Gallagher pointed out that even though she received a ticket, her plate was not on the repeat offender list.

As a result of this point, the committee agreed that we would like to see a list of repeat offenders to gain further clarification.

Halas asked if the 24 violations for the month of December suggest that the current fine schedule is creating an atmosphere of compliance.

Commander Morche stated that for a community of approximately 10,000 residents, the details of the report suggest that people are largely obeying the signs for time-limited areas in the downtown parking areas. 24 citations is a relatively small amount.

DISCUSSION TO DETERMINE THE ECONOMIC VALUE OF A PARKING SPACE IN THE DOWNTOWN.

Galvin read a passage from the book, "The High Cost of Free Parking" By Donald Shoup. In summary, the topic covered a formula for the cost of a parking space relative to what the average car is worth. The exact figures are available on P. 208. Taking inspiration from the book, Galvin asked the committee if there would be a way to formulate the cost of creating a parking space in Farmington.

Crutcher said that would be difficult to do because costs can vary significantly. In some cases, the city has added parking spaces by simply reviewing property documents and then clearly striping spaces that were already paved. In other cases, the city has paved and painted new parking spaces.

Mantey suggested that he would like to use his experience and education in economics to explore a methodology for determining the cost of a parking space in Farmington. For the next meeting, he wants to be responsible for leading the discussion on this agenda topic.

DISCUSS BEST PRACTICE FOR PUBLIC/PRIVATE PARTNERSHIP

Mantey informed the committee that David Murphy was unable to attend.

However, Murphy did want the committee to know that he had a meeting scheduled with The Salem United Church of Christ on Oakland Street. The purpose of that meeting would be to explore the possibility of enabling the public to park in their lot on days when the Church isn't holding services.

FUTURE ITEMS FOR DISCUSSION

Galvin asked Commander Morche to audit the current parking usage on Farmington Road between Shiawassee and Grand River. Additionally, he asked Commander Morche to observe the usage of street parking on Oakland Street.

COMMITTEE COMMENTS

Halas and Mantey both suggested that the audit Galvin requested should include a day in which one or both of the adjacent funeral homes had a viewing/funeral. Those events tend to utilize more of the public parking capacity on Farmington Road as well as in the Masonic Temple parking lot.

Meeting Adjourned at 8:40 pm

FARMINGTON PLANNING COMMISSION PROCEEDINGS
City Council Chambers, 23600 Liberty Street
Farmington, Michigan
February 11, 2019

Chairperson Crutcher called the Meeting to order at 7:00 p.m. at City Council Chambers, 23600 Liberty Street, Farmington, Michigan, on Monday, February 11, 2019.

ROLL CALL

Present: Chiara, Crutcher, Kmetzo, Majoros, Perrot, Waun
Absent: None

A quorum of the Commission was present.

OTHER OFFICIALS PRESENT: Director Christiansen, Recording Secretary Murphy

APPROVAL OF AGENDA

MOTION by Chiara, seconded by Kmetzo, to approve the Agenda.
Motion carried, all ayes.

APPROVAL OF ITEMS ON CONSENT AGENDA

A. January 14, 2019 Minutes

MOTION by Majoros, seconded by Perrot, to approve the items on the Consent Agenda.
Motion carried, all ayes.

DISCUSSION OF 2020/2025 CAPITAL IMPROVEMENT PROGRAM AND REQUEST TO SCHEDULE PUBLIC HEARING

Chairperson Crutcher introduced this item and turned to staff.

Director Christiansen stated this item this evening is a discussion of the 2020/2025 Capital Improvement Program and a request to formally schedule the Public Hearing for the 2020/2025 CIP. At the last meeting in January the Planning Commission briefly discussed this item and asked that any comments on the 2019/2024 CIP that then could be moved forward to the 2020/2025 CIP be provided to staff or to Planning Commissioner Majoros, who is the representative for the Planning Commission to the Capital Improvement Program Steering Committee. The Steering Committee is engaged, they are meeting and there is a meeting scheduled for this Thursday at City Hall of that committee. This evening's purpose again is to ask the Planning Commissioners if they have any comments on the 2019/2024 that they want to carry over to the 2020/2025 such as anything that would still continue to be a focus or a priority for the 2020/2025 CIP and to relay that to Mr. Majoros and carry that forward and look at the schedule and then

schedule the Public Hearing. The hearing is being requested to be scheduled for the March 11, 2019 Planning Commission meeting.

He pointed out in the Commissioners' packets is the process, the schedule which he briefly went over. He stated the Steering Committee will be working on the draft CIP and once that draft is created it will be moved forward. The next step from Economic and Community Development which advertises the public hearing which is being requested for the March 11th date.

He indicated after that the draft will move to the City Manager's office and the City Manager schedules then as recommended by the Planning Commission the 2020/2025 review and consideration by City Council and is part of the budgetary process that is conducted by City Council annually and will be part of their approved annual budget.

He put the 2019/2024 CIP on the screen which was briefly looked at in the January 2019 Planning Commission meeting. He did a quick overview of the last plan, citing there were 115 projects with a total value 23.2 million dollars to be spread out over six years. The projects are identified by category and the majority is allocated to infrastructure, water, sewer, roads, sidewalks, streetscape, drains. The other portions of the pie chart, the project categories, buildings and grounds, maintenance and upgrades, land acquisition, redevelopment, recreation and culture, predominantly parks, parking lots, and vehicles and equipment purchases, that typically and predominantly public safety and public works. The rest of the document is an overview which is in the appendix.

Chairperson Crutcher opened the floor for Commissioner Majoros to address this item.

Majoros stated he did get a few comments from a couple of the Commissioners and that the was unable to attend the first meeting of the Committee. He indicated the approach he is going to take is which was talked about last year is that there are a couple things that the Planning Commission felt were imperative that would drive focus areas for investment, so are we investing in something that could facilitate matching grants or allows us to get money from other sources. That was an important criterion. Two, are we investing in something that in the future might be redone for some other reason, in other words are we investing in something and something changes, whether it be parks or whatever the case may be. Third, to be in harmony and alignment with other City planning documents. Fourth, was to respect the subject matter expert priorities and the issues that they bring forward, so whether it's from various City departments we have to trust the people that are in power to make these recommendations and know what the important investments and needs are. The fifth one was to have a keen eye towards things that are fundamental to basic City services like safety and infrastructure. Those were the criteria

that were agreed upon and talked about last year and he doesn't see any of them fundamentally changing.

He indicated one question that was posed to him by one of the Commissioners was how does the new millage factor into this, so there's going to be an expectation that people will have that as people go to their pocketbook, that there is going to be some demand for accountability. So if this Capital Improvement Plan has an infusion of resourcing from the constituents who just recently voted for that, he thinks it would be important to help educate the constituents on how the money is being spent and if it's going to be prudent. So whether it's done at a public hearing or some other time to address the issue on what the new tax revenue is going to play out with a process like this.

The second thing that is important, too, is last year there was some confusion when you read the Capital Improvement Plan and you see things like move City Hall. There are some things in here that are pretty straightforward, like we're going to fix the drain here or this road needs to be done but there are also a lot of projects or just visions or potentials and he thinks that people who don't live this all the time look at those things sometimes and he feels it would be appropriate to inform them perhaps by public hearing to talk about what some of these things are and what they aren't so noise is not created in the system. He stated he will be at the Steering Committee meeting on Thursday and will bring the comments that were brought to him. He said they rely highly on the subject matter experts on what the right things are based on the criteria.

Chairperson Crutcher and Director Christiansen thanked Mr. Majoros for his input and leading the charge here on behalf of the Planning Commission with respect to the Planning Commission's role with the City's Capital Improvement Program. Christiansen went on to say the Planning Commission plays a significant role in the CIP because by State statute the CIP is part of the Master Planning process and the Planning Commission is responsible for the Master Plan and in fact, they are going through that right now, updating the current City's Master Plan so this CIP is even more significant because it's going to become part of the updated Master Plan. So the Commission carries quite a bit of responsibility and have significant impact and play a significant role in the City's Capital Improvement Program and continue to do so. Christiansen stated he will also be available and will be at the upcoming meeting on Thursday.

Commissioner Chiara asked if the meeting is open to the public and Majoros replied that this Thursday's meeting is not as it is an internal meeting to talk things through but that the result of that will be a draft of the Capital Improvement Plan which will be the subject of the Public Hearing.

MOTION by Majoros, supported by Chiara, to formally schedule the Public Hearing for the 2020/2025 Capital Improvement Plan for the March 11, 2019 Planning Commission Meeting.

Motion carried, all ayes.

PUBLIC COMMENT

None heard

PLANNING COMMISSION COMMENTS

Chiara asked if there will be a seventh commissioner added to the Planning Commission and Christiansen replied that the City Council has been interviewing to fill former Commissioner Gronbach's seat and that a decision should be made shortly.

Chairperson Crutcher asked if there had been any movement or activity on the World Wide Center.

Christiansen replied that the World Wide Center has received a variance for the out lot building proposed for Tropical Smoothie, the Planning Commission then had approved the drive-thru site plan and they are currently in process of putting together their engineering and construction documents and are hoping for a Spring construction that will include upgrades to the existing center which is a requirement of the approval, conditions of both the Zoning Board of Appeals and the Planning Commission and then the new out lot building with the drive-thru as well so it's a work in progress.

Christiansen then stated that the City is in the midst of working through the update to the City's Master Plan, so it is the Master Plan Update 2018 and the Master Plan Committee is just about done with its leg work, its ground work thus far. There has been a series of meetings held and another one is scheduled in March which will be the fifth meeting. The initial Land Use Plan and goals, recommendations, focus areas and implementation strategy, part of the plan update has been drafted by OHM Advisors, the City's planning consultant, responsible for shepherding the Master Plan Update with the Steering Committee and there is also a second open house scheduled for March as well. Once those activities are done a draft will be completed, a final draft and it will be moved forward to the Planning Commission for consideration.

ADJOURNMENT

MOTION by Waun, supported by Chiara, to adjourn the meeting.
Motion carried, all ayes.

The meeting was adjourned at 7:20 p.m.

Respectfully submitted,

Secretary

Farmington Community Library Board of Trustees
Regular Board Meeting - 7:00 p.m. – Ernest E. Sauter Board Room
32737 West Twelve Mile Road, Farmington Hills, MI 48334
January 10, 2019
Approved February 14, 2019

Board Members Present: Brucki, Hahn, Largent, Montgomery,
Rae-O'Donnell, White, Zervos

Board Members Absent: Huyck

Staff Members Present: Miller, Serresseque, Siegrist, Streit, Yunker

Staff Members Absent: None

Guest Speaker: Donald Wrench, Facilities Coordinator

CALL TO ORDER

The Board Meeting was called to order at 7:00 p.m. by Board President, J. White.

In consideration of all Trustees, J. White requested that Board members refrain from using cellphones during meetings.

APPROVAL OF AGENDA

MOTION by B. Rae-O'Donnell to amend the January 10, 2019 Agenda to add D. Wrench, Facilities Coordinator, as a speaker during the Facilities Committee Report and move the Facilities Committee Report to Number V on the Agenda, was supported by B. Hahn.

Vote: Aye: All in favor

Opposed: None

Motion passed.

PUBLIC COMMENT

No Public Comment.

APPROVAL OF MINUTES

MOTION by J. Montgomery to approve the Minutes of the December 13, 2018 Board Meeting, was supported by B. Largent.

Vote: Aye: All in favor

Abstain: Hahn

Opposed: None

Motion passed.

COMMITTEE REPORT

Facilities Committee

Facilities Coordinator, Donald Wrench, presented updates of current projects underway as well as two building situations which occurred recently (water main leak and power outage).

The Board thanks D. Wrench for his extensive hours of work toward the completion of projects, as well as the additional building situations.

OPERATING BILLS

MOTION by J. Montgomery to approve expenditures for check numbers 25660 through check number 25739, totaling \$477,112.56 of expenses was supported by B. Rae-O'Donnell.

Vote: Aye: All in favor

Opposed: None

Motion passed.

FINANCIAL REPORT

MOTION by J. Montgomery to receive and file the Monthly Revenue and Expense Report for November 2018 was supported by B. Rae-O'Donnell.

Vote: Aye: All in favor

Opposed: None

Motion passed.

CORRESPONDENCE

E. Streit shared three pieces of correspondence including a note of appreciation thanking Sharon Lu, Assistant Technology Specialist, for her excellent work with a patron, and a patron's suggestion that the Library extend hours to be open from 9:00 a.m. to 9:00 p.m. daily.

M. Brucki states that the Board could look at this from a strategic planning standpoint. B. Largent would be interested in a rationale written by E. Streit for this request.

FROM THE DIRECTOR

E. Streit presented the Director's Report which included:

- Wayne State University School of Library and Information Science sent a Christmas card via email on Michlib. The entertaining card answered the question, "What do librarians do on a daily basis?"
- Oscar Shorts tickets are on sale at both Library branches. The event takes place at the Civic Theater on Sunday, February 10, 2019 and is sponsored by the Friends of the Library.
- The Martin Luther King Day Program, organized by J. Miller, is a full day of programming and activities which are planned for all age groups. There will be a conversation with La'Ron Williams for high school and adult audience.
- E. Streit shared a photo of Young Adult Librarian, Jennifer Willard, with teens who gathered to make goodie bags to distribute to Farmington and Farmington Hills first responders.
- E. Streit also shared an article titled, "Snyder Signs Bills That Weaken Michigan Minimum Wage, Sick Leave Laws".

COMMITTEE REPORTS

Finance Committee

B. Hahn is in contact with Michael Cho of Morgan Stanley who has a background in investment of government funds. He will review documents sent by E. Streit and schedule a meeting with the Finance Committee.

Community Liaison Committee

Chair Zervos reports that there is no update.

Personnel Committee

A meeting of the Personnel Committee will be scheduled.

Strategic Plan Committee

Chair Brucki reports that he has reviewed information related to Library overall square footage and floor plans in anticipation of looking at strategic plan items.

The Committee received an annualized version of the Cumulative Statistics Report for the past five years to compare 2013 through 2018 statistics. They will review the analysis on the five year variance and determine how to move forward.

Kathie Brown, Coordinator of Automation, explained that the spike in circulation during 2015 – 2016 was due to auto renew which allowed patrons to renew five times. After consideration, auto renew was reduced to a two-time renewal.

Chair Brucki commented that as the Management Advisory Committee looks at the Strategic Plan, it can determine which statistics are being captured currently and if there is anything in the Strategic Plan that could be added.

UNFINISHED BUSINESS

J. White asked for feedback about the article distributed at the January Board Meeting which was taken from the American Libraries Magazine titled, "Building a Better Board of Trustees".

Each Board member commented on what drew them to the Library Board and what they hoped to bring to the Library as a Trustee.

NEW BUSINESS

J. White reminded the Board of the Special Joint Study Session with the City Councils of Farmington and Farmington Hills on February 11, 2019 at 6:00 p.m. in the Farmington Hills City Hall Community Room.

J. White will re-send the presentation to Board members to gather their input and comments.

In accordance with the Open Meetings Act, this meeting will be posted throughout the two Library buildings, on the FCL website, and on entrance doors.

BOARD TRUSTEE COMMENTS AND ANNOUNCEMENTS

- B. Largent shared information about the Detroit Riverfront Conservancy. Ralph Wilson designated \$50,000,000 of his legacy to the City of Detroit to be used for the Detroit Riverfront

Conservancy. B. Largent suggested that the Library could possibly work with the school district in the future to take kids downtown to see this area.

- J. Montgomery has been editing a story for an author friend who is writing a book about a time traveling librarian.

ADJOURNMENT

MOTION by B. Largent to adjourn the Board Meeting was supported by J. Montgomery.

Vote: Aye: All in favor

Opposed: None

Motion passed.

The Board meeting was adjourned at 9:00 p.m. by President, J. White. The next meeting of the Library Board is scheduled for Thursday, February 14, 2019 at 7:00 pm. in the Ernest E. Sauter Board Room.

Respectfully Submitted,

Beth Rae-O'Donnell, Secretary
Library Board of Trustees

BRO:dls

MEETING MINUTES
FARMINGTON AREA ARTS COMMISSION
DATE: January 10, 2019 – 6:30 PM
COSTICK CENTER – CONFERENCE ROOM
28600 W. ELEVEN MILE ROAD
FARMINGTON HILLS MI 48336

CALLED TO ORDER BY: Carleton **AT:** 6:30 PM

MEMBERS PRESENT: Blau, Carleton, Deason, Ferencz, Gradin, Hadfield, Hawkins, McDermott, Pike, Warner

MEMBERS ABSENT: Hayes, Jones, Joshi,

OTHERS PRESENT: Rachel Timlin, Cultural Arts Supervisor/Staff Liaison; Randy Bruce, FH City Council Liaison

OTHERS:

APPROVAL OF AGENDA:

MOTION BY: CARLETON

SUPPORT BY: PIKE

TO APPROVE THE AGENDA AS SUBMITTED.

MOTION CARRIED: UNANIMOUSLY

APPROVAL OF MINUTES from: November 8, 2018

MOTION BY: CARLETON

SUPPORT BY: HAWKINS

TO APPROVE THE NOVEMBER MINUTES AS SUBMITTED.

MOTION CARRIED: UNANIMOUSLY

PUBLIC COMMENTS

NONE

ART COUNCIL REPORT

- Creative Context Summit event January 26, 2019 MOCAD, \$10
- Holocaust Museum new member of FCAC. Will be giving a tour to the FCAC soon.
- FPS All High Schools Concert at Harrison, 1/16/2019 @ 7:30 PM

CULTURAL ARTS DIVISION REPORT

- Anna Paints Trees, November 30 – huge success! Over 200 people attended. Planning another Young Playwright’s program in 2020 or 2021.
- Shrek, Nov. 15-18: Four sold out shows. Highest audience numbers for a fall production in the history of the FHYT.
- Youth Theatre is producing two different shows this Spring – a first for the FHYT.
- Art on the Grand – jurying the week of January 21.
- Festival of the Arts – F/FH Education Foundation sponsoring Student Enrichment day again this year.

- High School Art Awards – March 21, 2019 Jurying from 5-7 pm. Students will be allowed to drop off work for the week leading up to jury night. Discussed possible pizza party for kids immediately after or during jurying, and displaying artwork at local schools.

Farmington Area Arts Commission – Minutes

January 10, 2019

Page 2

COMMISSION ACTION ITEMS: MISSION/BYLAWS

- Art of the Matter – Saturday, April 13. Discussed Candidates for the panel. Will discuss more at the February meeting.
- Student Art Awards - send ideas to Cindy as to format changes and ways to engage students

COMMISSIONERS' COMMENTS

- Commissioner Carleton – Discussed art in Farmington City Hall: maybe the Commission could collaborate with the Arts Council to help make that happen.
- Timlin announced that Commissioner Jones has a book signing on 1/17/19 from 6-7 pm at Signal Return in Eastern Market, Detroit.
- Commissioner Pike – OCC moving fine arts and culinary arts to Royal Oak in the next couple years.
- Commissioner McDermott recommended putting High School Art Awards as standing agenda item.
- Commissioner Blau offered her expertise engaging kids

NEXT MEETING DATE: February 14, 2019

ADJOURNMENT

Adjourned by: Carleton

Time: 7:59 PM

Minutes drafted by: Commissioner Pike

APPROVED

MEETING MINUTES
FARMINGTON HILLS/FARMINGTON EMERGENCY PREPAREDNESS COMMISSION
JANUARY 7, 2019-5:15 PM
FARMINGTON HILLS CITY HALL/VIEWPOINT ROOM
31555 W. ELEVEN MILE ROAD
FARMINGTON HILLS MICHIGAN 48336

CALL TO ORDER BY: Chair Ciaramitaro at 5:15pm

MEMBERS PRESENT: Ciaramitaro, Avie, Reynolds, Tutak, Faine, York, Szymusiak, Biggs, Sloan

MEMBERS ABSENT: DeFranco, Wecker

OTHERS PRESENT: Yuskowatz, Hopfe (Associates), Moyna (Alternate), Neufeld (FHFD) Warthman (FPS), Asst. Chief King (FHPD)

APPROVAL OF AGENDA-JANUARY 7, 2019

Motion by Avie, support by Biggs to approve the agenda submitted. Motion carried by all.

APPROVAL OF MINUTES-December 3, 2018

Motion by Tutak, support by Reynolds to approve the minutes submitted. Motion carried by all.

BUDGET:

EPC-no change, balance of \$1,748.80.

CERT-no change, balance of \$1,217.13

EVENTS, ACTIVITIES, MARKETING, AND PROGRAMS:

General activities and updates:

Tip of the month for FH- Feb. 11 2019 will be given by Ciaramitaro.

Reynolds said website finished, needs approval by both cities. He will forward to all members by email. Suggested a new group photo be taken next meeting in their EPC shirts.

Yuskowatz will see about changing next meeting to Community Room to project website.

Suggest we get both cities' events schedule to participate and be more in the community.

Art on the Grand will be June 1-2, 2019, Farmer's Market on Saturdays spring-fall.

Farmington Hills Open House is Sept. 22 on the city campus.

Founders Festival will be July 19-22 and everything will be at Shiawassee Park except the parade.

Motion by Reynolds, support by Tutak to participate in the Founders Festival. Motion carried by all.

MICHIGAN & REGIONAL CITIZENS CORPS COUNCIL ACTIVITIES/COMMUNITY EMERGENCY RESPONSE TEAM:

Next meeting is January 14. Train the trainers is January 26 & 27. Team meeting February 18.

Tutak reported he has found storage containers, 12 will be ordered. He needed

co-ax cable, Avie will donate. Area for storage will be near antenna at Station #5. He and 3 others attended disaster and life support class last Thursday January 3rd.

There are 36 trained CERT members.

LIAISON REPORTS:

Warthman (FPS) said the city has nothing new, he gave the dates for Art on the Grand and Founders' Festival and said Shiawassee will be closed between Farmington Rd. and Power.

Neufeld (FHFD) said there will be a practice for CERT members sometime in the 1st quarter of this year. EMT practice is on 2 Saturdays, Feb. 9 and Feb. 12 from 9am- 2pm. They are looking for people to be victims. Contact Dan Wecker at Fire Station #1 for info. The communication system being used is NIXLE Everbridge.

Asst. Police Chief King reported they held an ALICE workshop for houses of worship, 277 attended.

COMMISSIONER'S COMMENTS:

Avie looked into getting a trailer for Tutak and the CERT team. Was told it's on hold until there is a need for it. He also mentioned we can ask for grant money through the cities for this and other purchases.

Ciaramitaro announced Beaumont FH Hospital is having open house Saturday March 2 from 10:30am-1pm. Community is invited.

Yuskowatz attended the Oakland County Senior Advisory Commission last month and had a presentation by two Oakland County Sheriffs about protection. They were told the do-not call number must be called every 5 years to keep it current. Sgt. Jen Miles gave self-defense info. She said they offer women's self-defense classes all the time all over the County for free. Recommend we call her for our next fall program.

ADJOURNMENT:

Ciaramito adjourned the meeting 6:15pm.
Minutes by Norene Yuskowatz

City of Farmington

Roads/Infrastructure Committee Meeting

February 27, 2019 @ 3:00 PM (Minutes in red)

AGENDA

1. US-16 Drain Improvements (County plan)
 - a. Background was presented on the US-16 drain. The County televised the 24" drain in the Fall of 2018 in preparation for maintenance on it. MDOT has said that they will contribute their portion of the costs to line the drain (approximately 50%).
 - b. In addition to the US-16 improvements, there is pipe repair needed at Shiawassee and Farmington Road. The City may be able to piggyback the County's contract with Pipeline Management to fix the issue. The "worst case" for the City is a cost of approximately \$30,000.
 - c. Additional costs to the County are needed for the Caddel Drain Maintenance
 - d. All funding for this project (and all other storm projects) is taken from the general fund, not the roads fund. The City does not have to perform these maintenance projects; however, the infrastructure will continue to deteriorate resulting in more costly fixes in the future if not addressed now.
2. Mayfield Drainage Analysis Study
 - a. No design has been completed yet, though models have been created. Problem appears to be with Slocum and Grand River, not Mayfield. Recommendation for downtown lots to begin pre-treating and detaining storm water longer to help keep runoff from entering the wrong drainage district and causing flooding.
 - b. Two options presented to combat the issue: 1. Expensive fix – re-size the existing storm sewer running along Grand River to handle all of the runoff. This is unlikely to happen and very expensive. 2. "Cheaper fix" – construct a relief drain to connect to the north end of the Mayfield drainage district and implement other storm water infrastructure to alleviate from the surcharging taking place on Slocum, subsequently flooding properties. Other steps to fight the flooding issues: 1. Meet with Farmington West apartments to create a berm or something else to prevent runoff from leaving their property.

- c. Change catch basin covers in T.J. Maxx parking lot to “flood” the lot and reduce speed at which runoff enters the sewer. 3. Draft and require a storm water maintenance agreement for all new development in the downtown area.
 - d. It is recommended to have the storm work completed with the road and water main work needed along Mayfield. Mayfield PASER Rating is 2 from Slocum to Cloverdale. As a guestimate, Mayfield project costs could be approx. \$1.3-\$1.5 million based on the conceptual estimate completed for Frederick and gut feel for storm improvements.
3. Bel-Aire Sanitary Lining & City-wide Sanitary Televising and Cleaning
 - a. OHM recommends the City gets bids for the work. An ongoing contract with a contractor was also recommended for ‘x’ amount of dollars spent per year with options for additional years if the City chooses. Internal City discussions are underway to determine optimal ways to pay for this. City is considering potentially combining it with other projects such as Mayfield to bond for the work.
 - b. As part of the recommended City-wide Sanitary Televising and Cleaning, could add language to the contract to televise portions of the storm sewer
4. Downtown Parking Lots
 - a. Micro-surfacing KIMCO downtown parking lot (Example – Farmington Hills)

Lots desperately need to be resurfaced in order to re-stripe them. Stripes are currently very difficult to see, if at all. Would like to possibly gain more spaces and increase circulation. Reaching out to private owners downtown and asking them to participate in a parking management program were discussed in order to increase parking. Firestone, Williams Medical, the library, and the Grove Street Center were all places noted to reach a potential parking agreement with for the benefit of the downtown area. Contacting Farmington Hills to include the City in their contract of parking lot micro-surfacing was proposed in order to have some sort of potential ongoing agreement with a contractor and to cut costs.
5. Oakland Street Reconstruction Project update
 - a. Project is close to completion. Contact with AT&T has been progressing well. Only major change currently is the new sidewalk location adjacent to the parallel parking on the north side of Oakland St. near Farmington Road. The homeowner in this location is to be made aware of these changes for their knowledge. This homeowner has, also,

mentioned that they will be removing their brick driveway and replacing it themselves upon completion of construction.

6. Draft 2019 PASER Report

- a. 2019 report presented to the City detailing the results from the PASER rating and generated analyses. The anticipated costs to perform road maintenance have increased over the years due to inflation. An emphasis on more mill and overlay projects was presented to alleviate the potential for more expensive road reconstruction projects. The City mentioned they have around \$900,000 to spend on roads per year. Next steps: finalize the report and pick which roads to perform maintenance on in the near future as well as a 5-year plan.

7. Consider Chatham Hills concrete patch repairs

- a. The need to continue upgrades in the Chatham Hills subdivision was agreed upon. Tree Hill and Brittany Hill Dr. were identified as primary areas of concern. Different alternatives to aid in the deteriorating concrete were discussed. Not likely to replace the entire road, so other methods of rehab and maintenance would be performed. The thought of potentially adding parts of this subdivision to the 2018 Roads and Maintenance project was presented as an idea to help slow deterioration.

8. Sidewalk program

- a. \$50,000 available for FY 2018/2019
- b. Sidewalks have already been logged by the City; OHM to assist with adding multi-year contract that allows the adjustment of unit prices. Inspection to be performed by City Staff

Briefly discussed. Large area of concern placed on the sidewalk along Grand River west of Drake Rd. City would like more money allocated towards this program as the same dollar amount has been used each year for a while. A multi-year contract with one contractor was proposed with options to continue in following years.

Where we



left off

- 9. Updates to funding sources/grants for Water/Sewer needs (approximately \$3M needed for improvements)

10. Budget for Water/Sewer Rate Study

ACTION ITEMS:

- **OHM**
 - Finalize the report pertaining to the Mayfield drainage issues. Once completed, a decision will be made on how to resolve the issues and design work will follow.
 - Finalize 2019 PASER report in order to decide which roads need to be addressed for maintenance, rehabilitation, or reconstruction.
- **City**
 - Contact the homeowner at Oakland and Farmington to let them know of design changes with the sidewalk adjacent to the parallel parking.

Next meeting: March 26, 2019 at 3:00pm

MINUTES
SPECIAL JOINT STUDY SESSION
FARMINGTON HILLS CITY COUNCIL
FARMINGTON CITY COUNCIL
FARMINGTON COMMUNITY LIBRARY BOARD
CITY COUNCIL STUDY SESSION MEETING
CITY HALL – COMMUNITY ROOM
FEBRUARY 11, 2019

The joint study session meeting of the Farmington Hills City Council, Farmington City Council and Farmington Community Library Board was called to order by Mayor Massey at 6:00pm.

Farmington Hills Council Members Present: Bridges, Bruce, Knol, Lerner, Massey, Rich and Steckloff

Farmington Council Members Present: Bowman, Galvin, Schneemann and Taylor

Library Board Members Present: Brucki, Hahn, Huyck, Largent, Montgomery, White and Zervos

Members Absent: Joe LaRussa (Farmington Council) and Elizabeth Rae-O'Donnell (Library Board)

LIBRARY BOARD UPDATE

Discussion was held on the controversy that surrounded the Library and Board members at that time amidst proposed changes to the 12 Mile Road building. It was noted that the responsibility of the funding and day-to-day operations of the Library are that of the Library Board and the responsibility of the Farmington and Farmington Hills Councils is to appoint members to the Board; but that the Councils also needed to be able to answer to their residents.

Jim White, Library Board President, presented a powerpoint discussing the fiscal year statistics relating to use of the library facilities, outreach efforts, electronic resources, programs, proposed building improvements and acknowledging their community partners. He noted that the Board has created various subcommittees, including the Personnel Committee, Finance Committee, Community Liaison Committee, Facilities Committee and Strategic Planning Committee and asked the Chair of each to speak about their activities. Going forward the Library Board intends to explore a dedicated teen room, additional group collaboration space and outdoor working space, on-line payment of fees, a new outdoor marquee sign and re-carpeting of the children's area.

Discussion was held on the usage trends of the Library and how the Library intends to keep up with changing technology. It was noted that while visitors and book circulation is down, there is an increase in e-services. The library stats tend to fluctuate with the economy experiencing a higher usage in a lower economy and usage is sometimes difficult to track as the resources are being used on site. For a library of this size, they have a very successful rate of service.

It was mentioned that part of the strategic planning process is for the Board to educate themselves on what is available and what is in demand from the residents. There is a high demand for collaborative space and the Board needs to determine how to provide that space and also connect people through their e-services; but the Library is also careful to not only track trends but try to serve the community as a whole.

The City of Farmington Hills created a task force to explore the possibility of municipal broadband, which was identified as a possible area for collaboration with the library.

The aging facilities, attracting youth, and presenting topics to the public such as space, medicine and technology were identified as future challenges. The Board felt that a good challenge going forward was finding creative ways to reach out to the community.

The Board was asked about the two facilities in light of the trends. They are committed long-term to the downtown location and as part of the strategic planning process want to hear from the community on their needs in order to prioritize the best use of the facilities and maintain what is needed and repurpose where it can for other needs.

The target age group and early childhood program were discussed. It was pointed out that the Library is still providing all of the early childhood programs, but determined that more focus was needed on attracting ages 13-30.

The Library Board was asked to keep in mind during their budget review that the property tax revenue collected by the library is more than that collected by the City of Farmington and to also consider a community-wide compensation comparative and if they are collecting more property taxes than needed to review that going forward.

The parking in downtown Farmington was mentioned and the fact that the lot is always full when the library is open. Councilmember Galvin suggested some joint dialogue with regard to re-engineering the parking and encouraged library board members to attend their parking committee meetings.

The Board was asked to consider the skill set needed for future members.

Councilmember Rich felt it might be time to consider moving to an elected board rather than an appointed board.

The Councils thanked the Library Board Members for the information provided and for their time and leadership. The Board was asked to think about what they need/want as far as support from the Councils and to reach out to them with that information.

It was acknowledged that the Library Board had provided their audit, but a request was made to also include the back-up material for their budgets going forward.

ADJOURNMENT

The study session meeting adjourned at 7:30pm

Respectfully submitted,



Pamela B. Smith, City Clerk



Special City Council Meeting
 6:00 p.m., Tuesday, February 19, 2019
 Conference Room
 23600 Liberty Street
 Farmington, MI 48335

DRAFT

SPECIAL MEETING MINUTES

A special meeting of the Farmington City Council was held on February 19, 2019, in Farmington City Hall, 23600 Liberty Street, Farmington, MI. Notice of the meeting was posted in compliance with Public Act 267-1976.

The meeting was called to order at 6:00 p.m. by Mayor Steve Schneemann.

1. ROLL CALL

Attendee Name	Title	Status	Arrived
Sara Bowman	Mayor Pro Tem	Present	
William Galvin	Councilmember	Present	
Joe LaRussa	Councilmember	Absent	6:06 p.m.
Steve Schneemann	Mayor	Present	
Maria Taylor	Councilmember	Present	

City Administration Present

City Clerk Mullison
 City Manager Murphy
 City Attorney Schultz (arrived at 6:20 p.m.)

2. APPROVAL OF AGENDA

Move to approve the agenda as amended, adding Item 6 to review a resolution for the DDA to use video services.

RESULT:	APPROVED AS AMENDED [3-1]
MOVER:	Galvin, Mayor Pro Tem
SECONDER:	Taylor, Councilmember
AYES:	Bowman, Galvin, Taylor
NAYS:	Schneemann
ABSENT:	LaRussa

3. PUBLIC COMMENT

Kate Knight, DDA Executive Director, informed Council that the DDA Board had already discussed the subject of the agenda addition at their February 6th meeting and had indicated unanimously that DDA Board meetings are already open and that there wouldn't be much benefit in broadcasting their meetings.

4. Board and Commission Interviews

a. Karlee Hamilton, Planning Commission or Community Health

Council interviewed Ms. Hamilton about her interest in serving on a board or commission. She indicated that her main interests were the Commission on Children Youth and Families and the Commission on Aging, as her background is in health care. City Manager Murphy was asked whether there were available openings in those two groups and he indicated that there were not any at this time. Ms. Hamilton indicated that she would be willing to serve on other committees if asked.

b. Eric Gensheimer, Planning Commission or Zoning Board of Appeals

Mr. Gensheimer was interviewed for his interest in serving on the Planning Commission or ZBA. He spoke about his interest in integrating technology in a municipality, and indicated that he is interested in knowing about and being part of what is happening in his community. Council suggested that his interest and qualifications could benefit several different areas.

5. Discussion and Consideration to Approve South Farmington Little League to Place a Sponsorship Board in Shiawassee Park

Dan Irvin, representative of South Farmington Little League, presented a proposal to put a sponsor board at Shiawassee Park to raise funds for field maintenance and improvement. He indicated that he was not asking Council for funds to redo fencing but would like support in their fundraising efforts, including the approval of a permanent donor board. LaRussa inquired about the League's present fundraising plan and Irvin detailed the next events and why the sponsor board was designed as it was. Bowman indicated that this idea would be much like the Riley Park rink and high school athletic sponsor displays and that she approves of the idea. Discussion followed about possible sign modifications.

Move to approve South Farmington Little League to put an approximate 4-foot by 8-foot sponsor board in Shiawassee Park for the purpose of supporting sponsors in order to raise funds to be used to maintain the ball fields in Shiawassee Park. This approval is subject to the city's authority to require removal of the sign at any time at its discretion and also to include that the city has final approval of the design and construction.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Bowman, Mayor Pro Tem
SECONDER:	LaRussa, Councilmember

6. Introduction and Discussion of DDA Video Resolution

Galvin responded to Knight's public comment on the subject of broadcasting DDA Board meetings. He indicated that he was unaware that the issue had been addressed at a Board meeting and suggested that miscommunication and information delay by administration was to blame. He had expected that he would be notified if there was discussion planned on the topic for the DDA meeting.

He touched on many issues including the changing context of having money to spend due to the millage approval, transparency in governance, lack of communication, that the public had not been surveyed for this decision, and that many people cannot attend their meetings, including their business members. He concluded by reminding Council that he had changed aspects of Council meetings and implemented the creation of the City Manager Facebook page, and that Council can't be afraid of change and communication.

Bowman stated that she did not see this as a conversation about being afraid of change but saw this as micromanaging an independent board. She believes that a Council member does not have the authority to put items on another Board's agenda and the now available millage funds do not have anything to do with the DDA budget. She did not see the need for this and did not support it.

LaRussa was not clear on how a Council resolution would solve a communication problem with the administration. He agreed with Bowman that if one taxing authority is required to broadcast meetings, then we should require all to. He said that this resolution should not be made just to fix a singular event and suggested having a larger dialog about the immediate availability of deliberation among different taxing authorities if this was really the issue.

Taylor reminded Council that she had been calling for live video recording of meetings since before she was elected. She stated that this is not in any way a critique of the transparency of the DDA Board or their communications, but that she merely wanted to encourage them or any other boards to broadcast their meetings. She would support either this resolution or a larger discussion.

Schneemann said that the DDA had already looked at this issue and unanimously decided not to do what this resolution is asking them to do. For that reason alone, he believes that it does not make sense to move this forward. He also acknowledged that pushing this request does make some implication of wrong doing and was concerned about that. He talked about the negative value of City Council pressuring an autonomous group. He believes that this issue is coming from one source as there has been no public outcry for this.

Galvin responded that he had initiated this resolution and said that it looks like there is no support to pursue this further.

7. Other Business

Murphy asked if Council would like to push back the Board and Commission appointments planned for the following Regular meeting to the March 4th meeting and replace it on the agenda with a request for approval of an MIDC grant. Schneemann agreed.

8. Council Comment

Taylor requested a discussion or study session in the future on the topic of video communications of city-related boards.

LaRussa indicated his approval of projects such as the aforementioned Little League effort where community based ownership can help to improve the city overall.

9. Adjournment

Move to adjourn the meeting.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Taylor, Councilmember
SECONDER:	Bowman, Mayor Pro Tem

The meeting adjourned at 7:04 p.m.

Steven Schneemann, Mayor

Mary J. Mullison, City Clerk

Approval Date:



Regular City Council Meeting
7:00 p.m., Tuesday, February 19, 2019
City Council Chambers
23600 Liberty Street
Farmington, MI 48335

DRAFT

REGULAR MEETING MINUTES

A regular meeting of the Farmington City Council was held on February 19, 2019, in Farmington City Hall, 23600 Liberty Street, Farmington, MI. Notice of the meeting was posted in compliance with Public Act 267-1976.

The meeting was called to order at 7:09 p.m. by Mayor Schneemann.

1. ROLL CALL

Attendee Name	Title	Status	Arrived
Sara Bowman	Mayor Pro Tem	Present	
William Galvin	Councilmember	Present	
Joe LaRussa	Councilmember	Present	
Steve Schneemann	Mayor	Present	
Maria Taylor	Councilmember	Present	

City Administration Present

Director Christiansen
Director Demers
Superintendent Eudy
City Clerk Mullison
City Manager Murphy
City Attorney Schultz
City Treasurer Weber

2. PLEDGE OF ALLEGIANCE

3. PUBLIC COMMENT

William Miller, 31621 Lamar Drive, new County Commissioner for this district, introduced himself and mentioned the County's West Nile reimbursement. He also informed Council about what the County Commission was presently working on.

4. APPROVAL OF ITEMS ON CONSENT AGENDA**A. City Council Minutes:**

- a. Jan. 22, 2019 Special Meeting
- b. Jan. 22, 2019, Regular Meeting
- c. Jan. 29, 2019, Special Meeting
- d. Feb. 4, 2019, Regular Meeting
- e. Feb. 12, Special Meeting

B. Accept Minutes from City Boards and Commissions**C. Farmington Quarterly Financial Report –12/31/18****D. Farmington Quarterly Financial Report Court –12/31/18****E. Farmington Quarterly Investment Report –12/31/18****F. Farmington Monthly Payments Report****G. Farmington Public Safety Monthly Report****H. Oakwood Cemetery Rule Revision**

Move to approve the consent agenda as presented. **

RESULT:	APPROVED AS PRESENTED [UNANIMOUS]
MOVER:	Bowman, Mayor Pro Tem
SECONDER:	Taylor, Councilmember

5. APPROVAL OF REGULAR AGENDA

Move to approve the regular agenda with a change to Item 6A, striking Appointments to Boards and Commissions and replacing it with consideration to approve Grant Agreement between the Michigan Indigent Defense Commission (MIDC) and the Cities of Farmington and Farmington Hills.

RESULT:	APPROVED AS AMENDED [UNANIMOUS]
MOVER:	LaRussa, Councilmember
SECONDER:	Bowman, Mayor Pro Tem

6. NEW BUSINESS

A. Consideration to approve Grant Agreement between the Michigan Indigent Defense Commission (MIDC) and the Cities of Farmington and Farmington Hills

City Attorney Schultz detailed the need for approval of the Grant Agreement with the Michigan Indigent Defense Commission. LaRussa asked about the cost analysis and why this showed up right now instead of being considered earlier. Schultz replied that the draft has been out there but MIDC encouraged completion of the application. Galvin was pleased with the size of the grant and spoke about the costs of the services detailed.

Schneemann asked what the city's cost for the MIDC program was presently, and City Treasurer Weber explained that the level is consistent from year to year.

Move to approve the Grant Agreement between the Michigan Indigent Defense Commission (MIDC) and the Cities of Farmington and Farmington Hills, with the understanding that any amendments favorable to the cities can be included in the final, signed version of the agreement upon approval from the City Manager's office and the City Attorney's office.

ReRESULT:	APPROVED AS PRESENTED [UNANIMOUS]
MOVER:	Bowman, Mayor Pro Tem
SECONDER:	Taylor, Councilmember
AYES:	LaRussa, Schneemann, Taylor, Bowman, Galvin

B. Second Reading and Consideration to adopt Stormwater Management Ordinance

Superintendent Eudy gave background on the stormwater ordinance. LaRussa asked about what an illicit discharge might be, and how often this happens in Farmington. Eudy described how an earlier separation project of combined sewage discharges might have had instances left over. Bowman asked about notification of businesses that might be making an illegal discharge and Eudy stated that initial contact is in person. Schneemann asked the same question about residents and what that type of discharge might look like. Sampling and testing is done by Oakland County every two years and will find any "hot spot".

Move to adopt an ordinance to amend the City of Farmington City Code of Ordinances, Chapter 34, "Water & Sewers," to add Article IV "Stormwater Management," which prohibits illicit discharges within the City of Farmington. The ordinance shall be known and cited as the Illicit Discharge Elimination Program.**

RESULT:	APPROVED AS PRESENTED [UNANIMOUS]
MOVER:	Taylor, Councilmember
SECONDER:	Bowman, Mayor Pro Tem
AYES:	Schneemann, Taylor, Bowman, Galvin, LaRussa

7. DEPARTMENT COMMENT

Demers suggested that residents sign up for Nixle alerts to stay informed about news and emergencies. Responding to a question from Galvin, Demers recounted a recent fire emergency in the city in which Sergeant Madeline rescued a woman from a hazardous situation.

Eudy asked residents to keep water meters in a heated area so that they will not freeze in this weather.

Weber reminded residents that they can pay property tax and water bills online.

Christiansen recapped current and future projects and announced that Blue Hat Coffee was looking to begin a PUD process for use of part of the Masonic Hall building. He also announced several dates of upcoming events related to the Master Plan update, a public engagement meeting, and a Capital Improvement Program public hearing that is planned. Taylor asked for more information on Blue Hat Coffee.

Mullison announced that anyone wishing to receive an absentee ballot application before all elections should contact the Clerk's office and get put on the Permanent AV list.

Murphy extended a thank you to DPW workers in this difficult weather and lauded the great job they do.

8. CITY COUNCIL COMMENTS

LaRussa thanked Mr. Miller for staying for the rest of the meeting and requested he bring outreach to Farmington from the County and help Farmington's funding by engaging a multiplier effect. Referencing the discussion at the Special meeting, he spoke favorably regarding the initiative taken by South Farmington Little League in their fundraising efforts to make necessary improvements to Shiawassee Park ball fields.

Bowman recalled recent government derision and divisiveness on the national and local level and said she is not discouraged by it because of the number of volunteers the City has recently had for their Boards and Commissions. She is encouraged by the fact that people are stepping up to be part of the solution.

9. ADJOURNMENT

Move to adjourn the meeting.

RESULT:	APPROVED AS PRESENTED [UNANIMOUS]
MOVER:	Taylor, Councilmember
SECONDER:	Bowman, Mayor Pro Tem

Meeting adjourned at 7:48 p.m.

Steven Schneemann, Mayor

Mary J. Mullison, City Clerk

Approval Date:

**To view approved documents, please see the Agenda Packet link that is relevant to this meeting at <http://farmgov.com/City-Services/Government/Agendas-and-Minutes/City-Council.aspx> or contact the City Clerk.



Regular City Council Meeting
7:00 p.m., Monday, March 4, 2019
Conference Room
23600 Liberty Street
Farmington, MI 48335

DRAFT

REGULAR MEETING MINUTES

A regular meeting of the Farmington City Council was held on March 4, 2019, at 23600 Liberty Street, Farmington, MI. Notice of the meeting was posted in compliance with Public Act 267-1976.

The meeting was called to order at 7:00 pm by Mayor Steve Schneemann.

1. Roll Call

Attendee Name	Title	Status	Arrived
Sara Bowman	Mayor Pro Tem	Absent	
William Galvin	Councilmember	Present	
Joe LaRussa	Councilmember	Present	
Steve Schneemann	Mayor	Present	
Maria Taylor	Councilmember	Absent	

City Administration Present

City Clerk Mullison
City Manager Murphy
City Attorney Saarela

2. Approval of Agenda

Move to approve the regular meeting agenda as presented.

RESULT:	APPROVED AS PRESENTED [UNANIMOUS]
MOVER:	LaRussa, Councilmember
SECONDER:	Galvin, Councilmember

3. Public Comment

No public comment was heard.

4. Boards and Commissions Appointments

Schneemann clarified the process before Council and discussion ensued about filling existing vacancies on three boards and commissions. Taylor and Bowman shared their thoughts on appointments through prior emails since they did not attend this meeting. Galvin, LaRussa, and Schneemann discussed the seven candidates that have already interviewed this year and how they might best be engaged in community service.

a. Planning Commission

Move to nominate Dan Westendorf to the Farmington Planning Commission for a term ending June 30, 2021.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Galvin, Councilmember
SECONDER:	LaRussa, Councilmember
AYES:	Galvin, LaRussa, Schneemann
ABSENT:	Bowman, Taylor

b. Community Health Committee

Move to nominate Karlee Hamilton to the Farmington/Farmington Hills Community Health Committee for a term ending December 31, 2021.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Galvin, Councilmember
SECONDER:	LaRussa, Councilmember
AYES:	LaRussa, Schneemann, Galvin
ABSENT:	Bowman, Taylor

c. Zoning Board of Appeals

Move to appoint Eric Gensheimer to the Farmington Zoning Board of Appeals as an alternate for a term ending June 30, 2021.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	LaRussa, Councilmember
SECONDER:	Galvin, Councilmember
AYES:	Schneemann, Galvin, LaRussa
ABSENT:	Bowman, Taylor

5. Consideration of Michigan Local Agency Pavement Warranty Program Resolutions

City Attorney Saarela explained the need to comply with a state law regarding the Warranty Program by September 2019. Sample documents and guidelines will be available soon with a program to follow from MDOT, but the State requires the commitment of a resolution from the local governing body at this time.

Move to adopt the Michigan Local Agency Pavement Warranty Program.**

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Galvin, Councilmember
SECONDER:	LaRussa, Councilmember

Move to implement the Michigan Local Agency Pavement Warranty Program.**

RESULT:	APPROVED [UNANIMOUS]
MOVER:	LaRussa, Councilmember
SECONDER:	Galvin, Councilmember

6. Other Business

City Manager Murphy introduced correspondence regarding a group wanting to put a memorial tree in Women's Park. A bench was discussed, but the residents instead suggested that they would plant the tree themselves with the approval of Council. Murphy asked for permission for these residents to go ahead on this memorial. Schneemann volunteered to get in contact with the group to assist them in choosing an appropriate place to plant the tree.

LaRussa asked about an issue that had been discussed with City Attorney Schultz regarding litter.

7. Council Comment

LaRussa indicated that he was very pleased that there had been so many volunteers to step forward to serve the City. He hopes all applicants who have not yet been chosen for an appointment stay engaged and there will be room for them to help in the future.

8. Adjournment

Move to adjourn the meeting.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Galvin, Councilmember
SECONDER:	LaRussa, Councilmember

The meeting adjourned at 7:39 p.m.

Steve Schneemann, Mayor

Mary Mullison, City Clerk

Approval Date:

**To view approved documents, please see the Agenda Packet link that is relevant to this meeting at <http://farmgov.com/City-Services/Government/Agendas-and-Minutes/City-Council.aspx> or contact the City Clerk.

Farmington City Council Agenda Item		Council Meeting Date: March 18, 2019	Item Number 4C
Submitted by: Amy Norgard, Controller			
<u>Agenda Topic</u> Farmington Monthly Payments Report – February 2019			
<u>Proposed Motion</u> Approve Farmington Monthly Payments Report – February 2019			
<u>Background</u> See attachment			
<u>Materials Attached</u> AP Monthly Payments Report 022819			
Agenda Review			
Department Head	Finance/Treasurer	City Attorney	City Manager

CITY OF FARMINGTON - MONTHLY PAYMENTS REPORT

MONTH OF FEBRUARY 2019

FUND #	FUND NAME	AMOUNT:
101	GENERAL FUND	\$ 280,437.28
202	MAJOR STREET FUND	\$ 8,566.82
203	LOCAL STREET FUND	\$ 7,377.59
592	WATER & SEWER FUND	\$ 262,205.44
595	FARMINGTON COMMUNITY THEATER FUND	\$ 31,915.34
640	DPW EQUIPMENT REVOLVING FUND	\$ 7,859.90
701	AGENCY FUND	\$ 13,291.32
736	PUBLIC EMPLOYEE HEALTH CARE FUND	\$ 51,169.26
	TOTAL CITY PAYMENTS ISSUED:	\$ 662,822.95
136	47TH DISTRICT COURT FUND	\$ 75,284.08
248	DOWNTOWN DEVELOPMENT AUTHORITY FUND	\$ 105,088.51
290	FRIENDS OF THE WARNER MANSION	\$ 344.00
	TOTAL OTHER ENTITIES PAYMENTS ISSUED:	\$ 180,716.59
	TOTAL PAYMENTS ISSUED	\$ 843,539.54

A detailed Monthly Payments Report is on file in the Treasurer's Office.

CITY OF FARMINGTON - ACH PAYMENTS REPORT

MONTH OF FEBRUARY 2019

TRANSFER FROM:	TRANSFER TO:	DESCRIPTION:	AMOUNT:
Agency Tax	Farmington Public Schools	Tax Payment #17	111,920.41
Agency Tax	Oakland County	Tax Payment #17	20,259.54
Agency Tax	Farmington Comm. Library	Tax Payment #17	6,472.31
Agency Tax	Farmington Public Schools	Tax Payment #18	149,451.55
Agency Tax	Oakland County	Tax Payment #18	33,036.66
Agency Tax	Farmington Comm. Library	Tax Payment #18	9,335.01
Agency Tax	Farmington Public Schools	Tax Payment #19	274,937.68
Agency Tax	Oakland County	Tax Payment #19	52,482.68
Agency Tax	Farmington Comm. Library	Tax Payment #19	16,883.55
Agency Tax	Farmington Public Schools	Tax Payment #20	392,195.47
Agency Tax	Oakland County	Tax Payment #20	77,635.82
Agency Tax	Farmington Comm. Library	Tax Payment #20	24,058.81
General Fund	Chase (Payroll Acct)	Direct Deposit Payroll	245,956.01
General Fund	Federal Gov't	W/H & FICA Payroll	90,606.42
General Fund	MERS	January Transfer	59,494.22
General Fund	MERS HCSP	January Transfer	4,455.00
Agency	Total Administrative Services Corp.	Flexible Spending Accounts	2,190.70
TOTAL CITY ACH TRANSFERS			1,571,371.84
Court Fund	Chase (Payroll Acct)	Direct Deposit Payroll	85,265.34
Court Fund	Federal Gov't	W/H & FICA Payroll	28,817.42
Court Fund	Total Administrative Services Corp.	Flexible Spending Accounts	1,838.40
Court Fund	ICMA	Health Savings/401 Accounts	1,390.20
TOTAL OTHER ENTITIES ACH TRANSFERS			117,311.36



FARMINGTON PUBLIC SAFETY DEPARTMENT

23600 Liberty Street
Farmington, MI 48335
248-474-4700

Frank J. Demers, Public Safety Director



MONTHLY PUBLIC SAFETY REPORT – FEBRUARY 2019

February 1, 2019 through February 10, 2019

CALL TYPE & QUANTITY

TOTAL CALLS	TRAFFIC STOPS	MEDICALS	FIRE CALLS	CRASHES
261	134	18	1	6

ARREST TYPE & QUANTITY

OWI	OUID	DWLS	WARRANT	FELONY
1	1	7	12	1

SUMMARY OF NOTABLE INCIDENTS

Lost Property

On February 1, 2019 at approximately 12:05 am an officer responded to a Farmington apartment for a report of a lost purse. The reporting party (RP) advised the officer that the purse had been missing for a least a few weeks and they were uncertain where they had it last. The report was made for documentation purposes.

Found Property

On February 3, 2019 at approximately 8:02 pm a Farmington resident reported finding a discarded Amazon package. An officer responded, recovered the package, noting that it contained some paperwork and a gift card. The intended recipient was identified, located and package delivered to an address in Novi. It appeared as though the package may have been stolen and discarded in Farmington. The report was made for documentation purposes.

Operate While Intoxicated Arrest

On February 4th, 2019 at 1:50 am, an officer stopped a vehicle in the area of Grand River and Shiawassee after it was observed swerving within its lane and driving over the double-yellow lane divider. The officer determined that the driver had been drinking and had an open container of alcohol

in the vehicle. The driver performed poorly during field sobriety tests and was subsequently arrested for Operating While Intoxicated.

Disorderly Conduct

On February 5th, 2019 a 20 year old Farmington Hills resident was issued a citation for disorderly conduct for attempting to instigate a fight with an individual who accidentally struck his vehicle in the area of Grand River Avenue and Brookdale

Operate Under the Influence of Drugs

On February 7th, 2019 at 11:45 pm, an officer observed a vehicle swerving in and out of its travel lane on E/B M-5 near Halsted. Upon making contact with the driver, the officer noted a heavy odor of burnt marijuana. The driver admitted to smoking marijuana while driving. The officer conducted field sobriety tests and the driver performed poorly. The driver was subsequently arrested and charged with operating under the influence of drugs.

Operating While Intoxicated Arrest

On February 9th at 1:00 am, an officer stopped a vehicle in the area of Farmington Rd and State St for speeding. Upon making contact with the driver, the officer smelled an odor of intoxicants on her breath. The driver performed poorly on her field sobriety tests and was subsequently arrested for OWI.

February 11, 2019 through February 17, 2019

CALL TYPE & QUANTITY

TOTAL CALLS	TRAFFIC STOPS	MEDICALS	FIRE CALLS	CRASHES
224	111	15	3	6

ARREST TYPE & QUANTITY

OWI	OUID	DWLS	WARRANT	FELONY
1	1	12	10	0

SUMMARY OF NOTABLE INCIDENTS

Assault and Battery

On February 12, 2019 at approximately 1:50pm officers responded to a fight between two males in the 35000 block of Drakeshire Lane. Upon arrival the males were separated and officers conducted an investigation. It was learned that the 2 males, a 69 year old and a 63 year old are neighbors who have had an ongoing feud. An argument started on this date which lead to a physical altercation between them. The case will be presented to seek charges.

Operating While Intoxicated

On February 13, 2019 at approximately 9:00pm a Farmington officer conducted a traffic stop on a vehicle. Upon making contact with the driver it was discovered the driver had been drinking alcohol.

The officer conducted an investigation which lead to arresting the driver, a 39 year old male. The male subject was housed at the Farmington jail.

Open Intoxicants in a Motor Vehicle

On February 14, 2019 at approximately 2:00am a Farmington officer conducted a traffic stop on a vehicle. Upon making contact with the driver, a 24 year old female, it was discovered she had an open container of alcohol in her cup holder. It was also discovered that the driver had a suspended driver's license and had outstanding warrants for her arrest from various jurisdictions. The female was taken into custody and housed at the Farmington Jail.

Recovered Stolen Vehicle

On February 16, 2019 at approximately 10:00 am a Farmington officer observed a traffic violation and conducted a traffic stop on the vehicle. After obtaining the drivers information, a 66 year old male, the officer returned to his vehicle to conduct further investigation. The officer learned that the vehicle was reported stolen from another local jurisdiction. The vehicle was impounded at that jurisdictions request. Farmington Public Safety will present the case to seek charges.

Felonious Assault with a Knife

On February 16, 2019 at approximately 8:15pm, Farmington officers responded to a report of an assault that involved a knife in the 23000 block of Farmington Rd. Upon arrival officers located a male and female. Upon investigation a 25 year old female was placed under arrest for assaulting the male with a knife. The male suffered minor injuries due to the assault. The female was housed at the Farmington jail and the case presented to seek charges.

Larceny from a Building

On February 17, 2019 officers responded to a local church on a report of a stolen laptop. Officers meet with an employee who stated they observed an unknown male enter the church and walk around. After some time the subject left. A short time later the employee went to retrieve a laptop and computer bag that was located in one of the rooms and it was no longer there. After a check of the surveillance cameras it was learned the male subject left with the computer bag and laptop. Investigators were able to ID the subject. The case will be presented to seek charges.

Flee & Eluding/Traffic Crash

On February 19, 2019 at approximately 1:40am a Farmington Sergeant on patrol observed a dark colored vehicle travelling eastbound Grand River near Cass St at an extremely high rate of speed. The sergeant attempted conduct a traffic stop of the vehicle, however the vehicle continued on Grand River ignoring the officer's lights and sirens and ran a red light at Farmington Rd. The sergeant continued after the vehicle and observed that it had been involved in a single vehicle crash at Grand River/Power. Assisting officers arrived and provided care to the 38 year old male driver. The driver sustained injuries and was transported to a local hospital. The case will be presented to seek charges.

House Fire

On February 17, 2019 at approximately 2:00 pm, Farmington officers responded to a Medical Alarm in the 33600 block of Grand River Ave. Officers were alerted to the upstairs apartment where the alarm may have been coming from. A sergeant opened the door and was meet with a large amount of smoke. The sergeant called out and heard a woman asking for help. The sergeant entered and rescued the 75 year old female. The fire was extinguished.

February 18, 2019 through February 24, 2019

CALL TYPE & QUANTITY

TOTAL CALLS	TRAFFIC STOPS	MEDICALS	FIRE CALLS	CRASHES
242	150	23	2	5

ARREST TYPE & QUANTITY

OWI	OUID	DWLS	WARRANT	FELONY
0	0	11	10	0

SUMMARY OF NOTABLE INCIDENTS

Driving While License Suspended

On February 19, 2019 at approximately 8:00am a Farmington officer observed a vehicle with an Expired License Plate and conducted a traffic stop. Through investigation it was discovered the driver, a 52 year old female, had multiple suspensions on her driver's license and an outstanding warrant for her arrest from another jurisdiction. The female was taken into custody and held at the Farmington jail.

Felonious Assault with a Vehicle

On February 22, 2019 at approximately 12:00pm Farmington officers were called to the 22800 block of Orchard Lake for an assault that occurred. Officers learned that a male and female got into an argument at the location. As the female was leaving, it was reported that she swerved her vehicle towards the male in an attempt to hit him with the vehicle. The female then left prior to officer's arrival. Officers sent a "BOL" to area departments. Another jurisdiction located the female, took her into custody and turned her over to the Farmington Public Safety Department. The 48 year old female was held at the Farmington Jail. The case will be presented to seek charges.

Driving While License Suspended

On February 22, 2019 at approximately 8:45pm, a Farmington officer observed a traffic violation in the area of Grand River and Orchard Lake and conducted a traffic stop. It was discovered that the driver, a 36 year old female, had multiple suspensions on her driver's license and a warrant for her arrest from another jurisdiction. The female was taken into custody and held at the Farmington jail.

Identify Theft

On February 23, 2019 at approximately 2:30pm officers were called to the 22800 block of Orchard Lake for an Identity Theft complaint. Officers learned that a 53 year old male subject had previously made purchases at the location and management had advised officers these purchases were returned as being fraudulent. The male subject was back at the location to make another purchase and the manager called the police. Officers were able to obtain information which led to the arrest of the subject. Officers also recovered several blank credit cards, a card reader/scanner and other evidence. The male subject was housed at the Farmington jail. The case will be presented to seek charges.

February 25, 2019 through February 28, 2019

CALL TYPE & QUANTITY

TOTAL CALLS	TRAFFIC STOPS	MEDICALS	FIRE CALLS	CRASHES
244	142	11	22*	5

ARREST TYPE & QUANTITY

OWI	OID	DWLS	WARRANT	FELONY
2	0	8	10	0

SUMMARY OF NOTABLE INCIDENTS

Fire Calls

Of the 22 Fire calls listed it should be noted that 16 were for Fire Inspections conducted by the Fire Marshal on various buildings throughout the city. The other calls were for such incidents as a gas leak, carbon monoxide detector alarm and downed wires.

Uttering and Publishing

On February 27, 2019, Farmington officers were called to a local Credit Union for a Fraud Complaint. The manager advised officers that in October of 2018 a customer came into the credit union to cash a check. The check was cashed at that time. It was later learned that the same suspect, a female in her 30's also cashed similar checks at various other credit unions. All the checks returned to the bank as being fraudulent. Officers were able to identify the suspect and the case will be presented to seek charges.

Credit Card Fraud

On February 27, 2019, a resident came to the police department to file a Credit Card Fraud report. The victim stated that the credit card number was obtained by the 31 year old male subject based on false information that was provided as to why the credit card number was needed. After the numbers were obtained, the victim noticed several charges on the account for which they did not authorize.

Driving While License Suspended/Open Transport of Liquor

On February 27, 2019 at approximately 7:30pm a Farmington officer conducted a traffic stop in the area of Nine Mile and Farmington Rd. The driver of the vehicle advised the officer that he did not have a driver's license. Upon further investigation it was discovered that the driver had several suspensions on his driver's license. The officer also located an open container of liquor in the vehicle. The driver, a 51 year old male was taken into custody and housed at the Farmington Jail.

Operating While Intoxicated, 3rd Offense

On February 28th, 2019 at approximately 2:30am a Farmington officer conducted a traffic stop in the area of Grand River Ave and Blanchard St. During contact with the driver, the officer observed signs on intoxication and had the driver perform field sobriety evaluations. The driver, a 60 year old male, was taken into custody for OWI. Through further investigation it was discovered that the subject had 3 prior alcohol related driving offenses. The subject was held at the Farmington Jail.

ADDITIONAL INFORMATION

During the month of February, all public sworn public safety officers participated in cold weather firearms qualifications.



Special thanks to the Livonia Police Department for allowing us to utilize their outdoor range to facilitate this very important training component.



The department hired five (5) new reserve firefighters bringing our total number of reserve staff to 15. The new hires are:

Matt Jones - Matt is a resident of Farmington Hills but grew up in Farmington (Meadows Sub). He is currently a POC FF with Farmington Hills. He has gear and will be responding to fire incidents.

Brendan Hall - Brendan is a resident of Livonia and recently graduated from the Schoolcraft College Fire Academy. We are working on getting Brendan gear and assigned to a platoon so he should be ready to respond in the next couple of weeks.

Derek O'Connor - Derek is a resident of Farmington Hills and is getting ready to start the FH Fire Academy on March 4th. The academy runs through July 2019.

Jeff Washburn - Jeff is a resident of Farmington and is getting ready to start the FH Fire Academy on March 4th. The academy runs through July 2019.

Brad Lowell - Brad is a resident of Farmington and is getting ready to start the FH Fire Academy on March 4th. The academy runs through July 2019.

ABBREVIATED SUMMARY OF OFFENSES

Crime Part	FEBRUARY 2019 Totals	FEBRUARY 2018 Totals	% Change	Year To Date 2019	Year to Date 2018	% Change
Part A	17	22	-23%	42	36	17%
Part B	20	18	11%	36	30	20%
Part C	953	931	2%	2029	1858	9%
Assault	6	4	50%	10	5	100%
Burglary	0	1	-100%	5	1	400%
Larceny	1	1		3	4	-25%
Larceny LFA	0	0		1	1	
Narcotics	1	9	-89%	3	16	-81%
OWI	8	3	166%	15	4	275%
Traffic Crashes	28	24	17%	63	57	10%
Fire Calls	*25	6	316%	*6	18	155%
Medical Calls	80	82	-2%	163	150	9%
Traffic Stops	604	540	12%	1271	1107	15%
Calls for Service	1067	1014	5%	2260	2019	11%

***INCLUDES FIRE INSPECTIONS**

Farmington City Council Staff Report	Council Meeting Date: 3-18-2019	Item Number 4E
Submitted by: Melissa Andrade		
<u>Agenda Topic:</u> Historical Commission Resignation – Daniel Westendorf		
<u>Proposed Motion:</u> NA		
<u>Background:</u> Daniel Westendorf has submitted his resignation from the Historical Commission; he was recently appointed by Council to the Planning Commission.		
<u>Materials:</u> Resignation letter		

March 7th 2019

Dear City Council,

I am writing to inform you that I am resigning from my position on the Farmington Historical Commission, effective 3/7/19 to serve on the Farmington Planning Commission.

I have thoroughly enjoyed my time serving on the Historical Commission and working with the rest of the commissioners and appreciate the opportunity to serve the community.

I'm looking forward to serving on the Planning Commission.

Thank you,

Daniel Westendorf

(734) 223-9600

Farmington City Council Staff Report	Council Meeting Date: March 18, 2019	Item Number 4F
Submitted by: Melissa Andrade		
Description Request for Special Event - Swing Farmington, Inc.		
Requested Action Move to approve special event request for Swing Farmington, Inc. scheduled every Thursday, May 2 through October 17, 2019, 7 – 11:30 p.m. with the following conditions: <ol style="list-style-type: none"> 1. Music will discontinue at 11 p.m. except for evenings during the summer months. 2. Waive the City Sound Ordinance to allow Swing Farmington, Inc. to extend operation until 11:30 p.m. from the end of the school year June 18 through the September 3. 3. Approve charge of \$25/week to defray the cost of maintenance. 		
Background <p>The City received a special event request from Alexander Steward, President for Swing Farmington, Inc. Since 2006 Mr. Steward and a group of about 100 young people assemble in Sundquist Pavilion every Thursday evening for swing dancing. This year he would like to utilize the pavilion from May 2 through October 17 from 7 – 11:30 p.m.</p>		
Materials: Special Event Application		



Approval Needed:

- City Manager
- City Council

- Approved
- Denied

City of Farmington Special Event Application

This application is for all events in Riley Park and any other city event that will bring in more than 100 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 60 days prior to the starting date of the event.

Sponsoring Organization's Name Swing Farmington, INC.

Organization Phone: 313-231-2046

Organization Address 19981 Pollyanna Dr. Livonia MI 48152

Organization's Agent: Alexander Steward Phone: 313-231-2046

Agent's Title: President E-mail: alexandersteward@gmail.com

Agent's Address: 19201 Pollyanna Dr. Livonia MI 48152

Event Name: Thursday Night Swing

Event Purpose: Weekly swing dancing for the community

Event Dates: Every Thursday from May 2 - October 17th

Event Times: 7:00pm - 11:30pm

Event Location: Walter E. Syndanist Pavilion and George F. Riley Park

Number of People Expected: Average 200 weekly

1. **Type of Event:** Based on policy section 2, this event is:

City Operated Event

Co-sponsored Event

Private Event

Prohibited in Riley Park

Non-Profit Event

For-Profit Event

2. **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 lot that you are requesting to be blocked off.

Riley Park Permit Fee:

\$100 residents/\$200 non-residents

3. **Vendors:** Food Concessions (YES) (NO) Other vendors (YES) (NO)
Food Truck (YES) (NO)

If food truck, please the complete food truck registration, which you can obtain from the City Manager's office.

If yes, refer to Policy Section IV.2.M for license and insurance requirements.

If yes, please list all of the vendors by vendor name:

4. **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: _____

5. **Exempt Parking:** Are you requesting exempt Parking? (See Policy Section 5)
(YES) (NO)

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

6. **Other Requests:**

Exemption of Noise Ordinance to till 11:30pm
from end of school year till August 29th
in sync →

7. CERTIFICATION AND SIGNATURE: I understand and agree on behalf of the sponsoring organization that:
- a. For public events, a certificate of insurance must be provided which names the city of Farmington as an additional named insured party on the policy. (see Event Policy Sec. IV.2.K for insurance requirements)
 - b. Event sponsors and participants will be required to sign Indemnification Agreement forms. (refer to Policy Section IV.2.M)
 - c. 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. (see Policy Section IV.2.L)
 - d. All food vendors must be approved by the Oakland County Health Department, and each food and/or other vendor must provide the city with a certificate of insurance which names the city of Farmington as an additional named insured party on the policy. (see Policy Section IV.2.N)
 - e. The approval of this special event may include additional requirements and/or limitations based on the city's review of this application, in accordance with the city's special event policy. The event will be operated in conformance with the written confirmation of approval. (see Policy Section IV.2.R)
 - f. The sponsoring organization will 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, pursuant to Policy Sections IV.2 e and f.

As the duly authorized agent of the sponsoring organization, thereby apply for approval of this special event, affirm the above understandings, and agree that my sponsoring organization will comply with the city's Special Event Policy, the terms of the Written Confirmation of Approval and all other city requirements, ordinances and other laws which apply to this special event.

2/22/19

Date



Signature of Sponsoring Organization's Agent

RETURN THIS APPLICATION at least sixty (60) 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

Farmington City Council Staff Report	Council Meeting Date: March 18, 2019	Item Number 4G
Submitted by: Charles Eudy, Superintendent		
Agenda Topic: Recommendation to Amend the City Fee Schedule – Chapter 3 Cemetery		
Proposed Motion: N/A		
Background: <p>Last month the Clerk’s Office was contacted requesting information of the process and expense to disinterment of Cremains, the current fee schedule and rules did not include a fee for this service. Last month City Council approved the Oakwood Cemetery rule change permitting the disinterment of cremains but changes to the fee schedule were not included in that staff report.</p> <p>City Administration recommends amending Chapter 3 of the City Fee Schedule, establishing a \$450.00 fee related disinterment of cremains at the Oakwood Cemetery effective April 1, 2019.</p>		
Materials: Proposed Changes to Chapters 3 City Fee Schedule		

CHAPTER 3

CEMETERY

FEE SCHEDULE

GRAVE:

*** Resident	\$ 900.00
*** Non-Resident	\$ 1800.00

CRYPT:

**** Resident	\$ 5000.00
**** Non-Resident	\$ 9000.00

OPENING & CLOSING:

*** Weekday Service arriving before 3:00 p.m.	\$ 850.00
Service arriving after 3:00 p.m.	\$ 1000.00
*** Saturday/Holiday*	
Service arriving before 1:00 p.m.	\$ 1100.00
Service arriving after 1:00 p.m.	\$ 1350.00

CREMATION BURIAL:

*** Weekdays Service arriving before 3:00 p.m.	\$ 450.00
Service arriving after 3:00 p.m.	\$ 600.00
*** Saturday/Holiday*	
Service arriving before 1:00 p.m.	\$ 575.00
Service arriving after 1:00 p.m.	\$ 675.00

**DISINTERMENT: To re-enter

City Cemetery	\$ 800.00
Other Cemetery	\$ 650.00

*****DISINTERMENT: Cremains \$ 450.00
 May 1-Nov 15 Only

TRANSFER OF OWNERSHIP:

*** Resident	\$ 40.00
*** Non-Resident	\$ 65.00

CONSTRUCTION OF FOUNDATIONS FOR MEMORIALS AND MARKERS:

*** Single up to 42" X 18"	\$ 175.00
*** Double up to 60" X 18"	\$ 300.00

(\$.50 per square inch if larger)

*Holidays, include Martin Luther King, Jr.'s Birthday, Good Friday, day after Thanksgiving, day before or after Christmas and New Year's Day.

NO OPENING OR CLOSING ON SUNDAY, NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY AND CHRISTMAS DAY.

** Amended 6-21-2013

*** Amended 8-20-2018

**** Added 12-17-2018

***** Upon approval

Farmington City Council Staff Report	Council Meeting Date: March 18, 2019	Item Number 6B
Submitted by: Melissa Andrade		
Agenda Topic: Special Event Permit: Best Ever Egg Hunt for ONE Community Church; at Riley Park on Sunday, April 21 from noon until 2 p.m.		
<u>Proposed Motion:</u> Move to approve the Special Event Request for ONE Community Church to hold the “Best Ever Egg Hunt” at Riley Park on Sunday, April 21 from noon until 2 p.m.		
<u>Background:</u> ONE Community Church would like to provide a free community family friendly event centered on an egg hunt. The church is located in Farmington Hills, but often worships at the Civic Theater.		
<u>Materials:</u> Event application		



CITY USE ONLY

Approval Needed:

- City Manager
- City Council

- Approved
- Denied

City of Farmington Special Event Application

This application is for all events in Riley Park and any other city event that will bring in more than 100 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 60 days prior to the starting date of the event.

Sponsoring Organization's Name ONE Community Church

Organization Phone: 248-935-0888

Organization Address 31800 Northwestern Hwy Suite 355 Farmington Hills, MI 48334 (Office) -
Worship at Farmington Civic Theater

Organization's Agent: Donald Bryant Jr. Phone: 248-935-0888

Agent's Title: Pastor E-mail: donny@myonechurch.com

Agent's Address: 31800 Northwestern Hwy Ste 355 Farmington Hills, MI 48334

Event Name: BestEver Egg Hunt

Event Purpose: Provide a free community family friendly event centered on egg hunt.

Event Dates: April 21st, 2019

Event Times: 12 to 2 pm

Event Location: Riley Park

Number of People Expected: 200

1. **Type of Event:** Based on policy section 2, this event is:

- City Operated Event
- Co-sponsored Event
- Private Event
Prohibited in Riley Park
- Non-Profit Event
- For-Profit Event

2. **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 lot that you are requesting to be blocked off.

Riley Park Permit Fee:
\$100 residents/\$200 non-residents

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: Please complete sign illustrations below.

Signs or banners approved by the city of Farmington for special events shall be designed and made in an artistic and workman-like manner. THE CITY MANAGER MUST APPROVE ALL SIGNS. SIGNS CANNOT BE ERECTED UNTIL APPROVAL IS GIVEN.

Total square footage of the banner cannot exceed 32 square feet.

Banner Length

Width



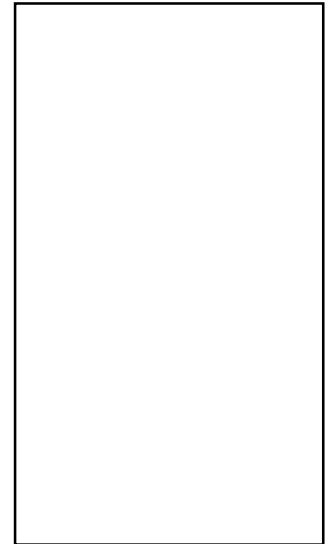
Write copy of banner in the box.

Total Square Footage of the sign cannot exceed eight square feet

Width

Height

Write copy of sign in the box.

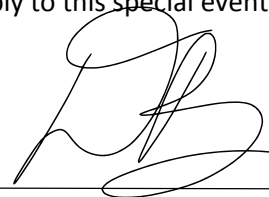


7. CERTIFICATION AND SIGNATURE: I understand and agree on behalf of the sponsoring organization that:
- a. For public events, a certificate of insurance must be provided which names the city of Farmington as an additional named insured party on the policy. (see Event Policy Sec. IV.2.K for insurance requirements)
 - b. Event sponsors and participants will be required to sign Indemnification Agreement forms. (refer to Policy Section IV.2.M)
 - c. 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. (see Policy Section IV.2.L)
 - d. All food vendors must be approved by the Oakland County Health Department, and each food and/or other vendor must provide the city with a certificate of insurance which names the city of Farmington as an additional named insured party on the policy. (see Policy Section IV.2.N)
 - e. The approval of this special event may include additional requirements and/or limitations based on the city's review of this application, in accordance with the city's special event policy. The event will be operated in conformance with the written confirmation of approval. (see Policy Section IV.2.R)
 - f. The sponsoring organization will 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, pursuant to Policy Sections IV.2 e and f.

As the duly authorized agent of the sponsoring organization, thereby apply for approval of this special event, affirm the above understandings, and agree that my sponsoring organization will comply with the city's Special Event Policy, the terms of the Written Confirmation of Approval and all other city requirements, ordinances and other laws which apply to this special event.

3/5/2019

Date



Signature of Sponsoring Organization's Agent

RETURN THIS APPLICATION at least sixty (60) 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

**Farmington City Council
Staff Report**

**Council Meeting
Date: March 18, 2019**

**Item
Number**
7A

Submitted by: Frank J. Demers, Public Safety Director

Agenda Topic: Consideration to Accept Bid and Award the Public Surveillance Camera Project

Proposed Motion: Motion to accept bid and award the Public Surveillance Camera Project to Security Designs Inc. in the amount of: \$85,875.00

Background: On January 3, 2019, the public safety department was awarded a Byrne Justice Assistance Grant (JAG) in the amount of \$100,000 from the Michigan State Police Grants and Community Service Division. The grant will fund the Phase II Public Surveillance Camera Project. The grant does not require matching funds from the City.

Bids from prospective vendors were opened on Friday, February 15, 2019 at 1:00 PM by Clerk Mullison. Four (4) bids were received which are detailed below. Following review of bid specs and contacting references, the public safety department recommends awarding the project to Security Designs, Inc. (24083 Research Drive, Farmington Hills, MI 48335).

CONTRACTOR	BID AMOUNT
Security Designs, Inc.	\$85,875.00
Advanced Satellite Communications	\$99,683.23
Custom Design Security	\$77,635.00
FSS Technologies	\$35,941.53 + \$999.71 per month service fees

Materials: Security Designs, Inc Proposal



Security Designs Inc.

Securing your world

14700 Farmington Road, Suite 110
Livonia, MI 48154
(734) 421-0077
Fax: (734) 421-0099

Department of Public Safety
City of Farmington
23600 Liberty
Farmington, MI 48335
February 15, 2019

Installation of 10 Exterior Cameras in the Farmington Business District

<u>Item</u>	<u>Description</u>
1.	2 – Avigilon 3 Megapixel Cameras
2.	4 – Axis 360 Degree Cameras on Designated Pole Locations
3.	4 – Axis 180 Degree Cameras on Designated Buildings
4.	10 – Avigilon Camera License
5.	9 - Wireless Point to Multipoint Modules
6.	1 – Avigilon Server
7.	1 – 50 Inch Monitor
8.	1 – Lot HardwareElectrical
9.	1 – Labor Installation

Purchase & Installation: \$85,875.00

Upon acceptance of this proposal, net payment is due within 30 days of project completion.

Security Designs Inc. standard warranty on the equipment and services provided in this proposal is one (1) year from the commencement of the warranty period.

Authorized By: _____ Date: _____ P.O #: _____.

Notes:

- 1) At all Pole Locations we must have continuous power.
- 2) On each Building we need an Electrical Outlet supplied to power the Camera and Wireless Transmitters.



Security Designs Inc.

Securing your world

14700 Farmington Road, Suite 110
Livonia, MI 48154
(734) 421-0077
Fax: (734) 421-0099

Department of Public Safety
City of Farmington
23600 Liberty
Farmington, MI 48335
February 15, 2019

Addendum Add a 360 Degree Camera at Shiawassee Park

<u>Item</u>	<u>Description</u>
1.	1 – Avigilon 360 Degree Cameras on Concession Building
2.	1 – Avigilon Camera License
3.	1 - Wireless Point to Point Modules
4.	1 – Lot Hardware/Electrical
5.	1 – Labor Installation

Purchase & Installation: \$7,800.00

Upon acceptance of this proposal, net payment is due within 30 days of project completion.

Security Designs Inc. standard warranty on the equipment and services provided in this proposal is one (1) year from the commencement of the warranty period.

Authorized By: _____ Date: _____ P.O #: _____.



Warranty Statement

Security Designs, installs only commercial grade components and our systems are designed to provide years of reliable, trouble free service. However, as with any electronic or mechanical system, components or parts of the system may require service or replacement, despite our efforts. To minimize the inconvenience and expense to the customer, Security Designs warrants the installation as follows:

This warranty includes installation labor and all new materials and components furnished and installed by Security Designs. This warranty is valid for *three years on parts and one year on labor*, from the date of completion. Any owner-furnished components and materials are assumed to be in good working order and within original specifications.

Theft, damage due to fire, acts of God, water, fire extinguishing systems, vandalism, abuse, or misuse (including improper operation) are not covered by this warranty.

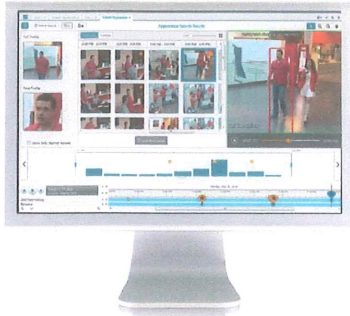
The individual who is most familiar with the problem and responsible for the system should initiate request for service. In many cases our project engineers can solve the problem over the telephone. If the problem cannot be solved over the phone, we will have a better understanding of the problem and the technician dispatched will be better prepared to solve the problem quickly.

Service included under this warranty will be scheduled during normal working hours, Monday through Friday (excluding holidays). Response is guaranteed to be within one working day. Emergency response, after hours, and holiday servicing can be provided at additional cost or through a maintenance agreement. Contact your Security Designs representative for further information on this option.

In the case of minor problems identifiable to a specific piece of equipment, you may be requested to return the faulty component via common carrier to Security Designs for service. Please call in advance for a return authorization.

Service Calls resulting from misuse or improper operation will be billed at our prevailing labor rates at the time of service. Examples of this include disconnecting or incorrectly reconnecting cables, power switches turned off, tripped circuit breakers, etc.

Avigilon Control Center™ 6 Software



ACC™ software is easy-to-use video management software that optimizes the way security professionals manage and interact with high-definition video. It efficiently captures and stores high-definition video, while intelligently managing bandwidth and storage using our patented High Definition Stream Management (HDSM)™ technology. ACC 6 software combines an intuitive interface with advanced search functions called Avigilon Appearance Search™ video analytics technology and Unusual Motion Detection (UMD). Avigilon Appearance Search technology and UMD are sophisticated deep learning artificial intelligence (AI) search engines that enable users to quickly locate a specific person or vehicle of interest or identify motion anomalies across an entire site.



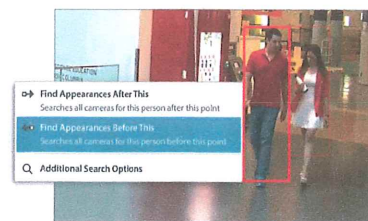
RECORDING NVR PLATFORMS PURPOSE-BUILT FOR ACC SOFTWARE AND AVIGILON APPEARANCE SEARCH TECHNOLOGY

ACC software is pre-installed and configured on HD Video Appliances, HD Network Video Recorders (NVRs), HD NVR Workstations, ACC Edge Solution (ES) HD Recorders, ACC ES Analytics Appliances and the H4 ES camera line. It also works as a stand-alone software, to meet the needs of a wide variety of installations. With the addition of a GPU, our NVRs quickly become capable of running Avigilon Appearance Search technology.



SELF-LEARNING VIDEO ANALYTICS

ACC video management software enables analytics events and alarms to be viewed and searched through an intuitive user interface. Real-time events and forensic capabilities detect and notify scene changes and rules violations.



AVIGILON APPEARANCE SEARCH TECHNOLOGY

Avigilon Appearance Search video analytics technology is a sophisticated AI search engine for video data that now incorporates the characteristics of a person's face. It sorts through hours of footage with ease, to quickly locate vehicles of interest or people even if items such as their clothing change over time across an entire site with ease. Using Avigilon Appearance Search technology can dramatically improve incident response time and enhance forensic investigations by allowing operators to build robust video evidence and create a powerful narrative of events. Appearance Search now allows users to initiate a search for a person by selecting certain specific physical descriptions.



UNUSUAL MOTION DETECTION

UMD is an advanced artificial intelligence (AI) technology that brings a new level of automation to surveillance. Without any predefined rules, UMD technology continuously learns what typical activity in a scene looks like, and then detects and records motion anomalies. UMD is supported by the H4A, H4 SL and H4 Mini Domes camera lines.

Advanced Avigilon Control Center Features



HDSM™ Technology

Efficiently compresses and preserves image quality while intelligently managing HD image transmission throughout the Avigilon system — sending only the requested portions of captured images to operator workstations.



HDSM SmartCodec™ Technology Support

Avigilon HDSM SmartCodec technology automatically optimizes compression levels for regions in a scene, to maximize bandwidth while still maintaining image quality.



Avigilon Appearance Search Technology

Allows you to quickly search recorded video to find instances of a person or vehicle across the entire site from all Avigilon cameras with self-learning analytics. Search for a person by selecting specific physical descriptions, including upper lower clothing color, hair color and gender.



Intelligent Search

Powerful search tools enable you to quickly search recorded video for motion, the presence of classified objects (people or vehicles), background changes in the scene (thumbnail search), and for events.



Simple Camera and Server Installation

Plug-and-play capabilities for NVRs and cameras that automatically identify themselves on the network, without manual configuration or searching.



Avigilon Presence Detector™ Support

The Avigilon Presence Detector (APD) sensor is a small form factor impulse radar device with self-learning radar analytics that accurately detects the presence of a person even if they have stopped moving or are hidden. It has the ability to detect presence through blankets, cardboard, wood and drywall.



License Plate Recognition (LPR) Analytics

ACC 6.10 and above feature an upgraded LPR analytics engine with easy configuration and improved accuracy for faster security response. Multiple license match lists can each trigger an unique ACC rule on match.



ACM™-ACC interoperability

Receives, processes, and acts on ACM door events, hardware input events, and access grants, enabling operators to unlock access doors directly from a camera view. Identity Verification enables users to see ACM credentials dynamically displayed with ACC camera views. Identity Search enables users to visually verify access events, and initiate an Appearance Search across the entire site for the same person.



Alarm Escalation

Allows the creation of complete end-to-end workflows for the monitoring, assignment, and acknowledgement of alarms.



ACC Mobile Software

Push alarm notifications, live and recorded alarm video, audio talkdown, self-learning video analytics overlays, and digital output triggers for Android™ and iOS mobile devices.



Detailed Management, Monitoring, and Reporting of System Status and Security

Detailed logs of storage, network, and overall system status to ensure the highest possible system uptime for critical applications.



POS Transaction Engine

Link HD surveillance footage (viewed instantly) with transaction data to address compliance requirements and reduce shrinkage and theft.



Scalable Integration with External Systems

Distributed architecture features .NET-based and REST-based APIs that can easily be integrated with other systems, such as access control and building management.



ONVIF® Profile S Conformant VMS

ONVIF profile S conformance ensures interoperability between IP based ONVIF security devices regardless of manufacturer.



Unusual Motion Detection

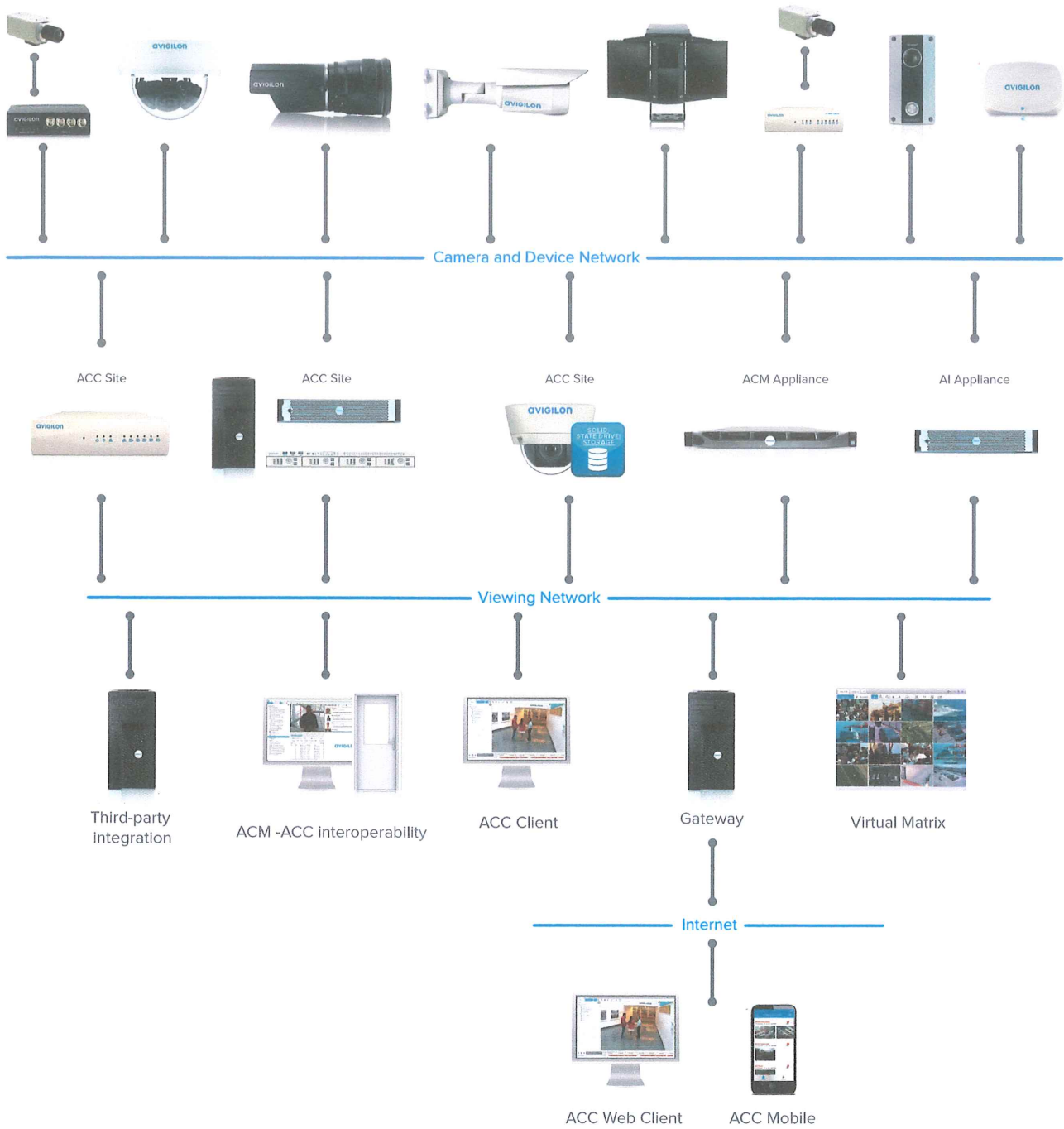
UMD enables fast video search and is designed to reduce hours of work to minutes by narrowing potentially thousands of motion events to a handful. This allows operators to focus their attention on video footage needing further investigation.



H4 Video Intercom Support

Video Intercom support provides operators with visual and audio verification of visitors. The H4 Video Intercom integration uses wide dynamic range and echo canceling technologies for clear viewing and two-way communication with visitors.

System Architecture



Core, Standard & Enterprise

To create a system most suited for your surveillance needs, the Avigilon Control Center software is offered in three editions: Core, Standard and Enterprise. The Enterprise edition includes more advanced features for a sophisticated solution, whereas the Standard edition is used for more focused needs or for those looking to transition to HD surveillance in a cost-effective way. ACC Core software is an entry-level version of our award-winning software that delivers advanced high definition surveillance capabilities, ease of use, and superior image quality to smaller implementations. No matter what the size of your installation, you can customize a solution that is right for you.



SYSTEM	CORE	STANDARD	ENTERPRISE
Number of cameras per server	24	75	300+
Number of cameras per site	24	75	10 000+
Number of servers per site	1	1	100+
Number of client licenses per server	2	10	Unlimited
High Definition Stream Management (HDSM) Technology	Yes	Yes	Yes
HDSM SmartCodec Technology Support	Yes	Yes	Yes
Dual Streaming for ONVIF compliant cameras	Yes	Yes	Yes
DEVICE SUPPORT	CORE	STANDARD	ENTERPRISE
Automatic device discovery	Yes	Yes	Yes
Third-party IP cameras & encoders	Yes	Yes	Yes
HD Pro cameras	No	No	Yes
Avigilon Presence Detector (APD) sensor	Yes	Yes	Yes
H4 HD cameras with self-learning video analytics	Yes	Yes	Yes
HD cameras with self-learning video analytics	Yes	Yes	Yes
HD Micro Dome, HD Multisensor, HD Panoramic, HD PTZ, IR PTZ, H4 Fisheye, H4 SL cameras, H4 Mini Dome	Yes	Yes	Yes
H4 Video Intercom	Yes	Yes	Yes
ONVIF compliant cameras & encoders	Yes	Yes	Yes
Avigilon encoders	Yes	Yes	Yes
Avigilon Artificial Intelligence Appliance	No	No	Yes
H.264 support	Yes	Yes	Yes
MPEG4 support	Yes	Yes	Yes
MJPEG support	Yes	Yes	Yes
JPEG2000 support	Yes	Yes	Yes
CLIENT	CORE	STANDARD	ENTERPRISE
Powerful, easy-to-use client interface	Yes	Yes	Yes
Video analytics overlays (Self-learning video analytics, Unusual Motion Detection)	Yes	Yes	Yes
Joystick support	Yes	Yes	Yes
ACC Mobile 2 app / HTML5 Web Client / Gateway	Yes	Yes	Yes
ACC Mobile 3 Preview app / Web Endpoint	Yes	Yes	Yes
Saved views	No	Yes	Yes
Maps with configurable icons and camera thumbnail previews	No	Yes	Yes
Web pages	No	Yes	Yes
Active Directory import	No	No	Yes
Windows user authentication	No	No	Yes
Two Factor Authentication	Yes	Yes	Yes
Password strength meter	Yes	Yes	Yes
Editable Site View	Yes	Yes	Yes
Intelligent Virtual Matrix	No	No	Yes
Collaborative investigations	No	No	Yes
Multi-camera export with optional password protection	Yes	Yes	Yes
Multi-camera privacy blurred export from Appearance Search	No	No	Yes
Live export	Yes	Yes	Yes
Hourly configurable recording schedule	Yes	Yes	Yes

SEARCHING	CORE	STANDARD	ENTERPRISE
Avigilon Appearance Search Technology	No	No	Yes
Search for a person by selecting specific physical descriptions (Gender, Hair color, Upper body clothing color, Lower body clothing color)	No	No	Yes
Search for a person by Identity supplied by ACM	No	Yes	Yes
Unusual Motion Detection Timeline filtering with Skip Play	Yes	Yes	Yes
Intelligent motion search	Yes	Yes	Yes
Thumbnail search	Yes	Yes	Yes
Event search	Yes	Yes	Yes
POS transaction search	No	Yes	Yes
Alarm search	No	No	Yes
License plate event search	No	No	Yes

ADD-ON MODULES AND INTEGRATIONS	CORE	STANDARD	ENTERPRISE
Point of Sale Transaction Engine	No	Yes	Yes
Avigilon developed and supported integrations	No	Yes*	Yes
3rd party system integrations	No	Yes	Yes

*CommScope iPatch, RS2 AccessIt, DDS Amadeus 5 and DSX only

AVIGILON'S ACCESS CONTROL MANAGER (ACM) AND ACC SYSTEM INTEROPERABILITY	CORE	STANDARD	ENTERPRISE
ACM system door and panel input event triggers	No	Yes	Yes
ACM system door access grants	No	Yes	Yes
ACM system shared operator access	No	Yes	Yes
ACM Identity Verification	No	Yes	Yes
ACM Identity Search	No	Yes	Yes

ADDITIONAL FEATURES	CORE	STANDARD	ENTERPRISE
E-Mail event notification (motion & system event)	Yes	Yes	Yes
Central station notifications including ANSI/SIA DC-09-2013	No	Yes	Yes
Digital input email trigger	No	Yes	Yes
Manual digital output trigger	No	Yes	Yes
Audio recording	No	Yes	Yes
Audio output	No	Yes	Yes
Rule triggers	No	51	Unlimited
Avigilon Presence Detector event trigger	No	Yes	Yes
Self-learning video analytics event configuration	No	Yes	Yes
Avigilon Artificial Intelligence Appliance analytics configuration	No	No	Yes
Redundant recording	No	No	Yes
Fallover connections	No	No	Yes
Alarm escalation	No	No	Yes
One-time Video Archive	No	No	Yes
Tiered Storage Management with Continuous Archive	No	No	Yes
License Plate Recognition with multiple match lists	No	No	Yes
Two person authenticated recorded video viewing	Yes	Yes	Yes
Camera Replacement	Yes	Yes	Yes
Standby/Privacy mode for cameras	No	Yes	Yes

For the most current list of integrations and add-ons supported by Avigilon Control Center software, please visit avigilon.com.

System Requirements

NOTE: For all Windows versions, it is recommended that the latest Microsoft service pack is deployed. NVR recording throughput and retention times can vary according to the number of cameras, camera resolution, estimated percent of motion, continuous recording settings and predefined retention period. For full server performance, choose an Avigilon Certified Solution option.

AVIGILON CONTROL CENTER CLIENT SOFTWARE

AVIGILON CERTIFIED SOLUTIONS	DISPLAY MODEL NUMBER	KEY FEATURES
2 Monitor Professional High Performance Remote Monitoring Workstation	HD-RMWS3-2MN	<ul style="list-style-type: none"> • Preloaded with Avigilon Control Center (ACC) Client software. • Supports high resolution monitors. • Includes the adapters and accessories for quick deployment. • Avigilon warranty and support included.
4 Monitor Professional High Performance Remote Monitoring Workstation	HD-RMWS3-4MN	
SOFTWARE SYSTEM REQUIREMENTS	MINIMUM	RECOMMENDED
Operating System	Windows 7 (32-bit or 64-bit), Windows 8.1 (32-bit or 64-bit) or Windows 10 (32-bit or 64-bit) Microsoft .NET 4.6.2	Windows 10 (64-bit) Microsoft .NET 4.6.2
Processor	Intel® dual-core CPU (2.0 GHz)	Intel® Core™ i5 (Quad-core, 3.3 GHz)
System RAM	4 GB DDR3	8 GB DDR4
Video Card	PCI Express, DirectX 10.0 compliant with 256 MB RAM	NVIDIA® Quadro P620
Network Interface	1 Gbps	1 Gbps
Hard Disk Space	500 MB	500 MB

AVIGILON CONTROL CENTER SERVER SOFTWARE

AVIGILON CERTIFIED SOLUTIONS	DISPLAY MODEL NUMBER	KEY FEATURES
HD NVR Premium	HD-NVR4-PRM-64TB / 96TB / 128TB / 157TB	<ul style="list-style-type: none"> • Optimized for video surveillance applications in a 24/7/365 environment • ACC Server software is preinstalled, configured and enhanced for optimal system compatibility • Certified for the Avigilon surveillance environment - ACC software, LPR, Mobile Gateway, Analytics, HDSM and 1-30MP cameras • High throughputs of up to 1800 Mbps • Documented network architecture for a wide variety of applications • Avigilon enhanced warranty and premium support included • Access to Avigilon System Design Tool (SDT) to calculate storage requirements
HD NVR Standard	HD-NVR4-STD-16TB / 24TB / 32TB / 48TB	
HD NVR Value	HD-NVR3-VAL-3TB / 6TB / 12TB / 18TB	
SOFTWARE SYSTEM REQUIREMENTS	MINIMUM	RECOMMENDED
Operating System	Windows Server 2012, Windows Server 2012 R2, Windows 7 (64-bit), Windows 8.1 (64-bit) or Windows 10 (64-bit), Windows Server 2016	Windows Server 2016
Processor	x86 64 bit dual-core (1.9 GHz)	Intel® Xeon® E5 v3 (6 cores, 1.9GHz)
System RAM	4 GB DDR3	16 GB DDR4
Network Interface	1 Gbps	4 x 1 Gbps
Hard Drives	SATA-II 7200 RPM Enterprise Class Hard Drives	SATA-III 7200 RPM Enterprise Class Hard Drives

AVIGILON CONTROL CENTER SERVER WORKSTATION

AVIGILON CERTIFIED SOLUTIONS	DISPLAY MODEL NUMBER	KEY FEATURES
HD Video Appliance	VMA-AS2-8P2 / VMA-AS2-8P4 / VMA-AS2-16P06 VMA-AS2-16P09 / VMA-AS2-16P12 / VMA-AS2-24P12 VMA-AS2-24P18 / VMA-AS2-24P24	<ul style="list-style-type: none"> • Preloaded and configured with Avigilon Control Center (ACC) video management software • High-performance recording capacity • Throughputs of up to 400 Mbps • Avigilon warranty and support included • Access to Avigilon System Design Tool (SDT) to calculate storage requirements
ACC ES HD Recorder	VMA-RPO-4P2 / VMA-RPO-4P4	
ACC ES Analytics Appliance	VMA-RPA-4P2 / VMA-RPA-4P4	
HD NVR Workstation	HD-NVRWS3-8TB	
SOFTWARE SYSTEM REQUIREMENTS	MINIMUM	RECOMMENDED
Operating System	Windows Server 2012, Windows Server 2012 R2, Windows 7 (64-bit), Windows 8.1 (64-bit) or Windows 10 (64-bit)	Windows 10 (64-bit)
Processor	Intel Quad-core CPU (2.0 GHz)	Intel Core i5 (Quad-core, 3.3 GHz)
System RAM	4 GB DDR3	8 GB DDR4
Network Interface	1 Gbps	1 Gbps
Video Card	PCI Express, DirectX 10.0 compliant with 256 MB RAM	NVIDIA Quadro P620
Hard Drives	SATA-II 7200 RPM Hard Drives	SATA-III 7200 RPM Hard Drives

AVIGILON APPEARANCE SEARCH TECHNOLOGY

Avigilon Appearance Search technology requires the ACC Analytics Service to be installed on the same computer as the ACC Server software, and must meet the listed system requirements:

AVIGILON CERTIFIED SOLUTIONS	DISPLAY MODEL NUMBER	KEY FEATURES
Analytics Kit for Avigilon Appearance Search Software	HD-NVR-ANK2-1	Tested and verified to provide enough processing power to run Avigilon Appearance Search feature.

SOFTWARE SYSTEM REQUIREMENTS

NVIDIA CUDA Compute Capability	5.0 or above; Windows x86_64 Driver Version 397.44 or above
GPU Memory	4 GB or above

AVIGILON CONTROL CENTER GATEWAY

Avigilon Control Center Gateway can be installed on the same computer as the ACC Server software, but for optimal performance results it is recommended that the Gateway be installed separately. The Gateway can handle up to 36 concurrent video streams if installed on a computer with the listed requirements (with recommended specs).

SOFTWARE SYSTEM REQUIREMENTS	MINIMUM	RECOMMENDED
Operating System	Windows Server 2016, Windows Server 2012, Windows Server 2012 R2, Windows 7 (64-bit), Windows 8.1 (64-bit) or Windows 10 (64-bit) Microsoft .NET 4.6.2	Windows 10 (64-bit) Microsoft .NET 4.6.2
Processor	Intel quad-core CPU (2.0 GHz)	Intel Core i5 (Quad-core, 3.3 GHz)
System RAM	4 GB DDR3	8 GB DDR4
Hard Disk Space	500 MB	500 MB

AVIGILON CONTROL CENTER WEB CLIENT

Avigilon Control Center Web Client can be accessed from the listed web browsers.

Web Browsers	Internet Explorer version 9.0 or later Chrome version 20 or later	Firefox® version 15 or later Safari version 9.0 or later
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AVIGILON CONTROL CENTER MOBILE 2.X SOFTWARE

Avigilon Control Center Mobile (ACC Mobile) version 2.x is currently only available for the listed device platforms.

Platforms	Android version 5.x or later	iPad with iOS 7 or later iPhone with iOS 7 or later iPod touch with iOS 7 or later
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AVIGILON CONTROL CENTER MOBILE 3.X SOFTWARE PREVIEW

ACC Mobile version 3.x is currently only available for the listed device platforms and requires the ACC Web Endpoint software. The ACC Web Endpoint software comes pre-installed on ACC ES HD Recorder and ACC ES Analytics Appliance. For NVR systems and HD Video Appliances, it should be installed on the same server as the ACC Server software.

Platforms	Android version 5.0 or later	iPad with iOS 9 or later iPhone with iOS 9 or later iPod touch with iOS 9 or later
Processors	n/a	64-bit (Apple A7 or later)

AVIGILON CONTROL CENTER LPR PLUGIN

Avigilon Control Center LPR Plugin is supported on the listed operating systems.

Operating System	Windows Server 2012, Windows Server 2012 R2, Windows 7 (64-bit), Windows 8.1 (64-bit) or Windows 10 (64-bit), Windows Server 2016
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Avigilon certified solutions are recommended for LPR solutions.



data delivered

5GHz WES3HTG Series

Gigabit Point-to-Point & Point-to-Multipoint
Wireless Ethernet System PoE / Non PoE



Product Description

The WES3HTG Wireless Ethernet System is a high throughput gigabit wireless transmission system that operates in the license-free, 5GHz band providing an Ethernet channel of up to 1.3Gbps aggregate.

The WES3HTG firmware is configurable for product type, enabling one common unit to be configured as a client, single-point host or multipoint host.

The system is IEEE802.11ac compliant and will support up to 1.3 Gbps throughput due to MIMO technology (Multiple In Multiple Out). WES3HTG provides high throughput connectivity for backhaul applications as well as a wide range of Ethernet devices such as megapixel/HD IP cameras, DVRs and web servers. It uses secure encryption to prevent unauthorized access to the system. WES3HTG is IEEE802.3af compliant and can also be used with a power injection module for applications where PoE is not available. The WES3HTG units are wall or pole-mountable with the included hardware.

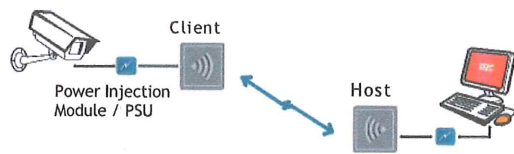


Product Features

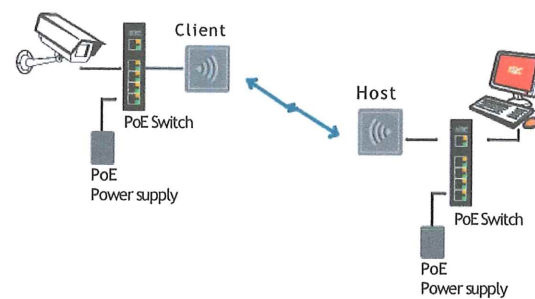
- Configurable for client / singlepoint host / multipoint host
- IEEE802.11ac compliant
- Transmission Power Control
- Up to 30dBm output power
- Secure transmission: WPA2 - AES or TKIP encryption
- Antenna alignment & site signal survey tools
- Distance adjustment for long range transmission
- Range of antenna options
- Passive midspan compliant PoE support
- IP66 protection class

Typical System Configurations

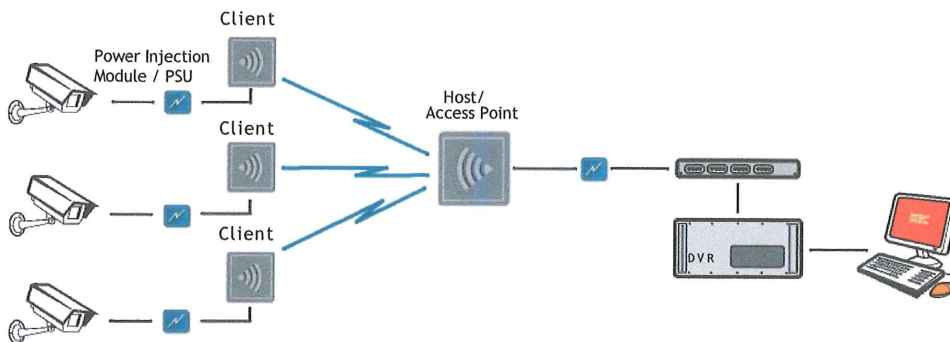
Point-to-Point using 48Vdc Passive PoE



Point-to-Point using 48Vdc IEEE802.3af PoE



Point-to-Multipoint using 48Vdc Passive PoE



Specifications

Standards

IEEE Standard

IEEE 802.3 10BASE-TX IEEE
802.3u 100BASE-TX IEEE
802.3x Full Duplex IEEE
802.11ac 5GHz
IEEE 802.11h ETSI DFS &
TPC IEEE 802.11n MIMO

Power Method

PoE version
PoE cable spec

IEEE 802.3 af (PD) / Included PIM
100m on 24AWG Cat5/5e/6/6e/7

Radio

Frequency USA & Canada (FCC) U-NII3
Europe
Frequency Operation

5180 - 5240MHz, 5745 - 5825 MHz
5500 - 5700 MHz

Mechanical (unit)

Casing
Dimensions (L x W x D)

IP66 protection
292mm x 146mm x 89mm
11.5" x 5.75" x 3.5"
0.82kg / 1.8lb Wall-
mount or pole-mount

Power Output

Channel Bandwidth Spectrum

Auto-select
User static selectable
Dynamic Frequency Selection
(ETSI DFS)
30dBm max⁽¹⁾
Transmit Power Control (ETSI TPC)
Selectable 20, 40 or 80MHz

Weight (17dBi unit)
Installation

Environmental

Operating Temperature
Storage Temperature
Operating Humidity

-40° - +74° C / -40° - +165° F
-40° - +90° C / -40° - +194° F
5 to 95% non-condensing

Antenna Options

5dBi
9dBi

Omni-directional
Directional integrated patch
Dual polarization
Beamwidth:
Azimuth: Horizontal 65°, vert 65°
Elevation: Horizontal 33°, vert 33°
Directional integrated patch
Dual polarization
Beamwidth:
Azimuth: Horizontal 30°, vert 33°
Elevation: Horizontal 17°, vert 17°

Connectors

10/100/1000 Electrical

1 x RJ45

17dBi

Approvals

FCC Part 15 Subpart C
CE
EN 55024 (IEC61000-4-2,3,4,5,6,8,11)
EN 55022 (CISPR 22)

Class B
Class B
Electromagnetic Immunity
Electromagnetic Interference
(Conduction & Radiation)
Low Voltage Directive

EN 60 950: 1992+A1: 1993+A2:
1995+A4: 1996+A1: 1997
EN 300 328-2
EN 300 826
EN 301 489-17
EN 301 893
R&TT Directive (1999/5/EC)

System

Data throughput⁽²⁾

Latency
Encryption

HT40 HT80
300Mbps 650Mbps
<10mS
TKIP / AES encryption up to 128 bit



Part Number Configurator WES3HTG-AX-AA

A: 5dBi Omni-directional
B: 9dBi Directional
C: 17dBi Directional

D: US Power Connection & Firmware
E: UK Power Connection & EMEA Firmware
F: Euro Power Connection & EMEA Firmware
E: Australian Power Connection & Firmware

Included Power Injection Module (PIM)

Mechanical

Physical
Dimensions (LxWxH)

Plastic housing
84 x 47 x 54mm
3.31 x 1.85 x 2.13"
2 x RJ45 connectors

Power

Input
Output
Consumption
Power-over-Ethernet (PoE)
Indicator

100 - 240Vac
48Vdc, 500mA
12W (max)
Passive PoE "mid-span" compliant
LED (green)

Environmental

Operating Temperature

-40° - +74° C (-40° - +158° F)

1. Territory specific

2. Assumes ideal RF environment with max signal rates & within receive sensitivity specification. Max values - limited by 10/100 port

Wireless Point-to-Point Kits

WES3HTG-KT Includes (2) WES3HTG RF modules, (2) PIM, (2) 48Vdc PSU, plus all mounting hardware

WES3HTG-KT-P8 Includes WES3HTG-KT, 8 port industrial PoE+ switch & power supply (ESUG8P-D & DRP240-48)

WES3HTG-KT-P8T Includes WES3HTG-KT, 8 port industrial PoE switch & extended temp power supply (ESUG8P-D & SDR240-48)

Due to ongoing technological improvements, product specifications are subject to change without notice. KBC is not liable for any errors, omissions or changes of any description of the goods contained herein. This information is for the sole purpose of identifying the products, and KBC makes no warranty that the products conform to any description contained herein. Do not rely solely on any representations, statements, or assertions concerning these Products contained herein.

AXIS P3717-PLE

8 MP multidirectional camera with IR for 360° coverage

AXIS P3717-PLE Network Camera is a compact 8-megapixel camera with four varifocal lenses enabling overview and detailed surveillance. With one IP address and one network cable, the four-camera-in-one unit provides a flexible, cost-effective solution for multidirectional surveillance. 360° IR illumination, Forensic WDR and Lightfinder technology provides excellent video quality in any light conditions. Each camera head can be individually positioned (pan, tilt, roll and twist) along a circular track. Remote zoom and focus makes it easy to install and the clear cover, with no sharp edges, ensures undistorted views in all directions. The camera comes with an integrated weathershield.

- > **8 MP, 360° multidirectional camera, one IP address**
- > **360° IR illumination and remote zoom and focus**
- > **Axis Lightfinder and Forensic WDR**
- > **Flexible positioning of four varifocal camera heads**
- > **Axis Zipstream for reduced bandwidth and storage needs**



AXIS P3717-PLE

Camera	
Image sensor	4 x 1/2.8" progressive scan RGB CMOS
Lens	Varifocal, 3–6 mm, F1.8–2.6 4x1080p capture mode: Horizontal field of view: 96°–49° Vertical field of view: 53°–27° Diagonal field of view: 113°–55° Motorized focus, motorized zoom
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.17 lux at 50 IRE F1.8 B/W: 0.04 lux at 50 IRE F1.8, 0 lux with IR illumination on
Shutter time	1/32500 s to 2 s with 50 Hz 1/32500 s to 2 s with 60 Hz
Camera angle adjustment	Pan ±90°, tilt 17–102°, rotation 5–95°, twist ±20°
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	4 x 1920x1080 (4 x HDTV 1080p) to 160x90
Frame rate	Up to 25/30 fps (50/60 Hz)
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264
Image settings	Saturation, contrast, brightness, sharpness, Forensic WDR, white balance, exposure control, exposure zone, fine tuning of behavior at low light, rotation: 0°, 90°, 180°, 270° including Corridor Format, dynamic text and image overlay, Polygon privacy mask, compression
Network	
IP address	One IP address for all channels
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, digest authentication, user access log, centralized certificate management
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH
System integration	
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profile S and ONVIF [®] Profile G, specification at onvif.org
Analytics	Included AXIS Video Motion Detection, active tampering alarm Supported AXIS Perimeter Defender ^b , AXIS Guard Suite including AXIS Motion Guard, AXIS Fence Guard, and AXIS Loitering Guard Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap
Event triggers	Detectors, hardware, input signal, storage, system, time, analytics, edge storage events
Event actions	Day/night vision mode, overlay text, record video, send images, send notification, send SNMP trap, send video clip, status LED File upload: FTP, HTTP, HTTPS, network share, SFTP and email Notification: email, HTTP, HTTPS, TCP and SNMP trap
Data streaming	Event data
Built-in installation aids	Pixel counter, focus assistant, remote focus, remote zoom
General	

Casing	IP66-, IP67-, NEMA 4X-rated, IK09 impact-resistant, aluminium and plastic casing with polycarbonate hard-coated dome, sunshield (PC/ASA) Color: white NCS S 1002-B For repainting instructions of casing and impact on warranty, contact your Axis partner.
Mounting	Mounting bracket with junction box holes (double gang box, single gang box, 4" octagon junction box and 4" square junction box) ½" (M20) conduit side entry ¾" (M25) conduit adapter included
Sustainability	PVC free
Memory	1024 MB RAM, 512 MB Flash
Power	Power over Ethernet (PoE) IEEE 802.3at Type 2 Class 4 IR illumination on: class 4, typical 11.1 W, max 17.0 W IR illumination off: class 3, typical 8.6 W, max 11.0 W
Connectors	Shielded RJ45 10BASE-T/100BASE-TX PoE
IR illumination	Four individually controllable IR with power-efficient, long-life 850 nm IR LEDs Range of reach 15 m (49.2 ft) or more depending on the scene
Storage	Support for microSD/microSDHC/microSDXC card Dual SD cards Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
Operating conditions	-30 °C to 50 °C (-22 °F to 112 °F) Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	EMC EN 55032 Class A, EN 50121-4, IEC 62236-4, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KC KN35 Safety IEC/EN/UL 62368-1, IEC/EN/UL 60950-22 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66/67, IEC/EN 62262 IK09, NEMA 250 Type 4X Other IEC 62471
Dimensions	Height: 91.5 mm (3.6 in) ø 255 mm (10.04 in)
Weight	2.0 kg (4.4 lb)
Included accessories	RJ45 mounting tool, screw bit T20, Installation guide, Windows [®] decoder 1-user license
Optional accessories	AXIS T94N01D Pendant Kit, Axis mounts and cabinets For more accessories, see www.axis.com
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on www.axis.com/vms
Languages	English, Simplified Chinese, Traditional Chinese, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish
Warranty	Axis 3-year warranty, see www.axis.com/warranty

- a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).
b. One sensor only

Environmental responsibility:

www.axis.com/environmental-responsibility

AXIS P3807-PVE

Panoramic camera for seamless, 180° coverage

AXIS P3807-PVE Network Camera is a fixed dome camera with multiple sensors, providing an easy, reliable and cost-efficient one-camera installation – reducing installation time, cabling and VMS license costs. Thanks to its excellent image sensors, along with Forensic WDR and Lightfinder technology, it provides great video quality in any light conditions. Its four sensors give a seamless 180° panoramic overview, at up to 30 fps in 8.3 MP resolution. The camera is easy to install as recessed, flush, pendant, back-to-back, and comes with adjustable pre-set camera positions.

- > **Seamlessly stitched images**
- > **180° horizontal and 90° vertical coverage**
- > **8.3 MP resolution at full frame rate**
- > **Axis Lightfinder and Forensic WDR**
- > **Axis Zipstream for reduced bandwidth and storage needs**



AXIS P3807-PVE

Camera	
Image sensor	4 x 1/2.9" progressive scan RGB CMOS
Lens	Fixed 3.2 mm, F2.0 Horizontal field of view: 180° Vertical field of view: 90° M12 mount
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.17 lux, F2.0 B/W: 0.05 lux, F2.0
Shutter time	1/33500 to 1/10 s
Camera angle adjustment	Pan ±180° Tilt 0°, 35°, 45°, 55° Roll ±10°
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	4320x1920 to 480x270
Frame rate	8.3 MP (client dewarp): up to 25/30 fps (50/60 Hz) without WDR, up to 12.5/15 fps (50/60 Hz) with WDR 7.5 MP (dewarped): up to 12.5/15 fps (50/60 Hz)
Video streaming	8.3 MP (client dewarp): 1 individually configurable stream in H.264 and Motion JPEG 7.5 MP (dewarped): 2 individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264
Image settings	Saturation, contrast, brightness, sharpness, Forensic WDR: up to 120 dB depending on scene, white balance, day/night threshold, exposure mode, compression, dynamic text and image overlay, exposure control, noise reduction, fine tuning of behavior at low light, polygon privacy masks
Network	
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, digest authentication, user access log, centralized certificate management
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP ^b , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP
System integration	
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profile S and ONVIF [®] Profile G, specification at onvif.org
Analytics	Included AXIS Video Motion Detection, active tampering alarm Supported AXIS Perimeter Defender, AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Event triggers	Analytics, edge storage events, shock detection
Event actions	Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video buffering, send SNMP trap File upload: FTP, SFTP, HTTP, HTTPS network share, email Notification: email, HTTP, HTTPS TCP
Data streaming	Event data
Built-in installation aids	Pixel counter, Leveling guide
General	

Casing	IP66-/IP67- and NEMA 4X-rated, IK10-rated impact-resistant casing with polycarbonate hard coated clear dome, aluminum base and dehumidifying membrane Color: white NCS S 1002-B For repainting instructions of skin cover or casing and impact on warranty, contact your Axis partner.
Mounting	Mounting bracket with junction box holes (double-gang, single-gang, 4" square, and 4" octagon) ¾" (M25) conduit side entries
Sustainability	PVC free
Memory	1024 MB RAM, 512 MB Flash
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 7 W, max 12.9 W
Connectors	Shielded RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Operating conditions	-30 °C to 50 °C (-22 °F to 122 °F) Maximum temperature (intermittent): 60 °C (140 °F) Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	EMC EN 55032 Class A, EN 50121-4, IEC 62236-4, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KC KN35 Safety IEC/EN/UL 60950-22, IEC/EN/UL 62368-1 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66/IP67, IEC/EN 62262 IK10, NEMA 250 Type 4X
Dimensions	Height: 166 mm (6 9/16 in) Width without weathershield: 198 mm (7.8 in) Width with weathershield: 206 mm (8.1 in)
Weight	2.0 kg (4.5 lb)
Mounting height	Recommended: 4–15 m
Included accessories	Installation guide, Windows decoder 1-user license, Resistorx [®] L-key, Weathershield, Mounting bracket, Cable gasket, Axis U-shape conduit adapter 30 mm
Optional accessories	AXIS T94V01C Dual Camera Mount, AXIS T94V02D Pendant Kit, AXIS T94V01L Recessed Mount, AXIS T91B47 Pole Mount For more accessories, see axis.com
Video management software	AXIS Companion ^b , AXIS Camera Station, video management software from Axis Application Development Partners available on axis.com/vms
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see axis.com/warranty

- a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eyay@cryptsoft.com).
- b. Compatible with 7.5 MP (dewarped) only.

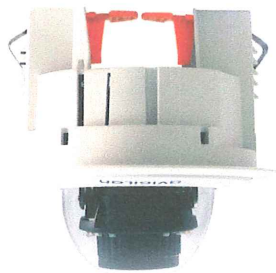
Environmental responsibility:

www.axis.com/environmental-responsibility

H4 SL Dome Camera with LightCatcher™ Technology

The H4 SL camera line has an innovative and modular design that is easy to install. Built on the H4 platform, it combines our patented LightCatcher and Wide Dynamic Range (WDR) technologies to provide exceptional image quality in complex lighting.

Using HDSM SmartCodec™ and idle scene mode technologies, the H4 SL camera optimizes video streams in real time, minimizing bandwidth and storage requirements while maintaining clear, detailed images. It integrates with Avigilon Control Center™ video management software (VMS), and is ONVIF-compliant for integration with a third-party VMS. With significant improvements to bandwidth savings and lower storage retention, as well as its easy-to-install, modular design, the H4 SL camera line adds even more value than before, lowering your total cost of ownership.



Straight out of the box, the H4 SL camera is designed and packaged for simple ordering and quick and flexible installation. This camera line's discreet and modular design allows it to seamlessly fit in to its surroundings.

The H4 SL camera's IK10-rated, vandal-resistant and IP66 dust and water-resistant housing (outdoor model only) make it ideal for monitoring a variety of indoor and outdoor environments, such as hallways, public entrances and lobbies of banks, schools, retail outlets and hotels.

Avigilon HDSM SmartCodec technology H4 SL optimizes the video stream in real time using automatic ROI encoding to save bandwidth and storage requirements while maintaining image quality.

KEY FEATURES

- 1.3, 2.0 and 3.0 megapixel resolution models
- Innovative modular design for quick and easy installs
- 3-9 mm F/1.4 lens with remote zoom and focus
- Content adaptive IR technology provides effective illumination through the field of view, while maintaining exceptional scene illumination
- Wi-Fi camera configuration support
- Avigilon LightCatcher technology provides exceptional image quality in low light environments
- Dual exposure Wide Dynamic Range for complex lighting environments
- Integrated IR (Infrared) LEDs provide uniform illumination in the dark, even at 0 lux, up to maximum of 15 m (~50 ft) away (outdoor model only)
- Avigilon HDSM SmartCodec technology for reduce bandwidth and storage requirements
- Idle scene mode lowers bandwidth and storage usage if there are no motion events detected in the scene
- (Outdoor model only) IK10 vandal resistant construction and IP66 compliant

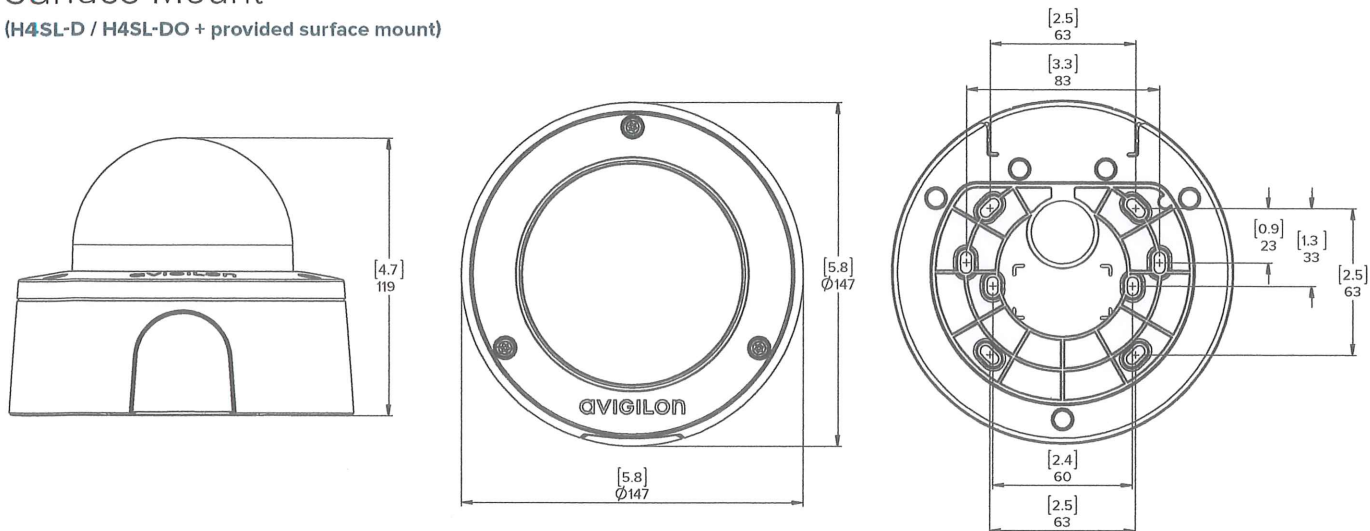
Specifications

		1.3 MP	2.0 MP	3.0 MP	
IMAGE PERFORMANCE	Image Sensor	1/2.8" progressive scan CMOS			
	Aspect Ratio	5:4	16:9	4:3	
	Active Pixels (H x V)	1280 x 1024	1920 x 1080	2048 x 1536	
	Imaging Area (H x V)	3.7 mm x 3.0mm; 0.145" x 0.118"	5.6 mm x 3.1 mm; 0.22" x 0.122"	5.12 mm x 3.84 mm; 0.202" x 0.157"	
	Image Rate	30 fps	30 fps	20 fps	
	Minimum Illumination	with IR	0.01 lux in color mode; 0 lux (F/1.4) in monochrome mode		0.02 lux in color mode; 0 lux (F/1.4) in monochrome mode
		without IR	0.01 lux in color mode; 0.002 lux (F/1.4) in monochrome mode		0.02 lux in color mode; 0.004 lux (F/1.4) in monochrome mode
	IR Illumination (high power 850 nm LEDs)	(H4SL-D) Indoor model — 10 m (33 ft) max. distance at 0 lux (H4SL-DO) Outdoor model — 15 m (50 ft) max. distance at 0 lux			
	Dynamic Range	100 dB			
	Resolution Scaling	Down to 384 x 216			
	Bandwidth Management	HDSM SmartCodec technology; Idle scene mode			
3D Noise Reduction Filter	Yes				
LENS	Lens	F/1.4, 3-9 mm, motorized, varifocal			
	(Aspect ratio) HFOV	(5:4) 26° – 60°; (16:9) 39° – 90°	(5:4) 36° – 84°; (16:9) 39° – 90°; (4:3) 39° – 90°		
IMAGE CONTROL	Image Compression Method	H.264 (MPEG-4 Part 10/AVC), Motion JPEG			
	Streaming	Multi-stream H.264 and Motion JPEG			
	Video Compression	H.264/MJPEG/HDSM SmartCodec technology			
	Motion Detection	Pixel			
	Tamper Detection	Yes			
	Electronic Shutter Control	Automatic, Manual (1/6 to 1/8000 sec)			
	Iris Control	Automatic, Manual			
	Day/Night Control	Automatic, Manual			
	Flicker Control	50 Hz, 60 Hz			
	White Balance	Automatic, Manual			
	Backlight Compensation	Adjustable			
	Privacy Zones	Up to 64 zones			
	NETWORK	Network	100BASE-TX		
Cabling Type		CAT5			
Connector		RJ-45			
ONVIF		ONVIF compliant with version 1.02, 2.00, Profile S			
Security		Password protection, HTTPS encryption, digest authentication, WS authentication, user access log, 802.1x port based authentication			
Protocols		IPv6, IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, Zeroconf, ARP			
Streaming Protocols		RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/RTSP/HTTPS/TCP, HTTP			
Device Management Protocols		SNMP v2c, SNMP v3			
PERIPHERALS		USB Port	USB 2.0		
		Onboard Storage	microSD/microSDHC/microSDXC slot – minimum class 6; class 10/UHS-1 or better recommended		
MECHANICAL		SURFACE MOUNT	IN-CEILING MOUNT	PENDANT MOUNT	
				NPT ADAPTER	NPT + WALL MOUNT
	Dimensions (LxWxH)	147 mm x 147 mm x 119 mm; 5.8" x 5.8" x 4.7"	174 mm x 174 mm x 162 mm; 6.9" x 6.9" x 6.4"	153 mm x 153 mm x 166 mm; 6.0" x 6.0" x 6.5"	269 mm x 153 mm x 214 mm; 10.6" x 6.0" x 8.4"
	Max. Ceiling Thickness	n/a	32 mm (1.25")	n/a	n/a
	Weight	H4SL-D — 0.76 kg; 1.68 lbs H4SL-DO — 0.78 kg; 1.72 lbs	H4SL-D — 0.75 kg; 1.65 lbs H4SL-DO — 0.77 kg; 1.69 lbs	H4SL-D — 0.75 kg; 1.65 lbs H4SL-DO — 0.77 kg; 1.69 lbs	H4SL-D — 2.02 kg; 4.45 lbs H4SL-DO — 2.04 kg; 4.49 lbs
		Dome Bubble	Polycarbonate, clear		
	Body	Polycarbonate			Polycarbonate/aluminum
	Housing	Vandal resistant			
	Finish	Fog coat, cool grey			Powder coat, RAL 9003
	Adjustment Range	360° pan, ±180° azimuth, 30° – 95° tilt (recommended), 10° – 95° tilt (maximum),			
	ELECTRICAL	Power Consumption	H4SL-D — 4 W max H4SL-DO — 7 W max		
Power Source		PoE: IEEE802.3af Class 3 compliant			
RTC Backup Battery		3V manganese lithium			
ENVIRONMENTAL	Operating Temperature	Outdoor: -30 °C to +60 °C (-22 °F to 140 °F); Indoor: 0 °C to +60 °C (32 °F to 140 °F)			
	Storage Temperature	-10 °C to +70 °C (14 °F to 158 °F)			
	Humidity	0 - 95% non-condensing			
CERTIFICATIONS	Certifications/Directives	UL, cUL, CE, ROHS, WEEE, RCM, EAC (not applicable to 3MP indoor dome), KC			
	Safety	UL 60950-1, CSA 60950-1, IEC/EN 60950-1, IEC 62471			
	Environmental	(H4SL-DO outdoor models only) IK10 Impact Rating, UL/CSA/IEC 60950-22, IEC 60529 IP66 Rating			
	Electromagnetic Emissions	FCC Part 15 Subpart B Class B, IC ICES-003 Class B, EN 55032 Class B, EN 61000-6-3, EN 61000-3-2, EN 61000-3-3, EN 55032, KN 32, EN 55011			
	Electromagnetic Immunity	EN 55024, EN 61000-6-1, EN 50130-4, KN 35			

Outline Dimensions

Surface Mount

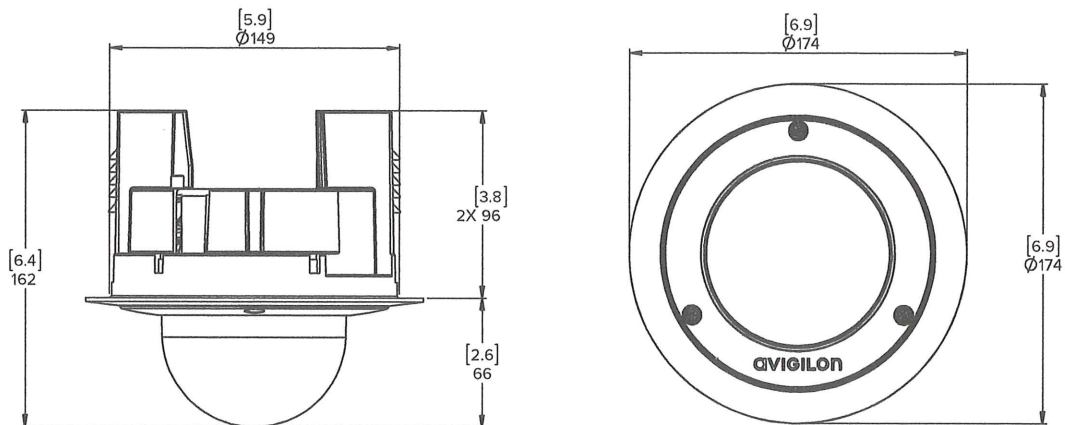
(H4SL-D / H4SL-DO + provided surface mount)



In-Ceiling Mount

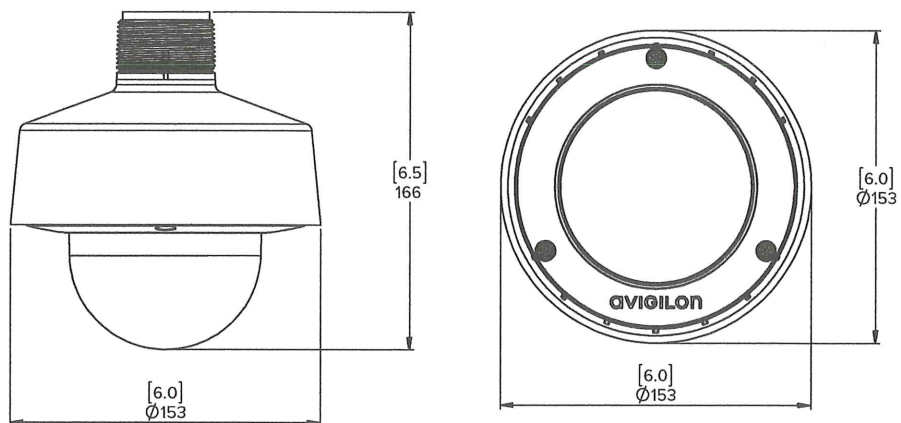
(H4SL-D/H4SL-DO + H4SL-MT-DCIL)

[X.X]	INCHES
X	MM



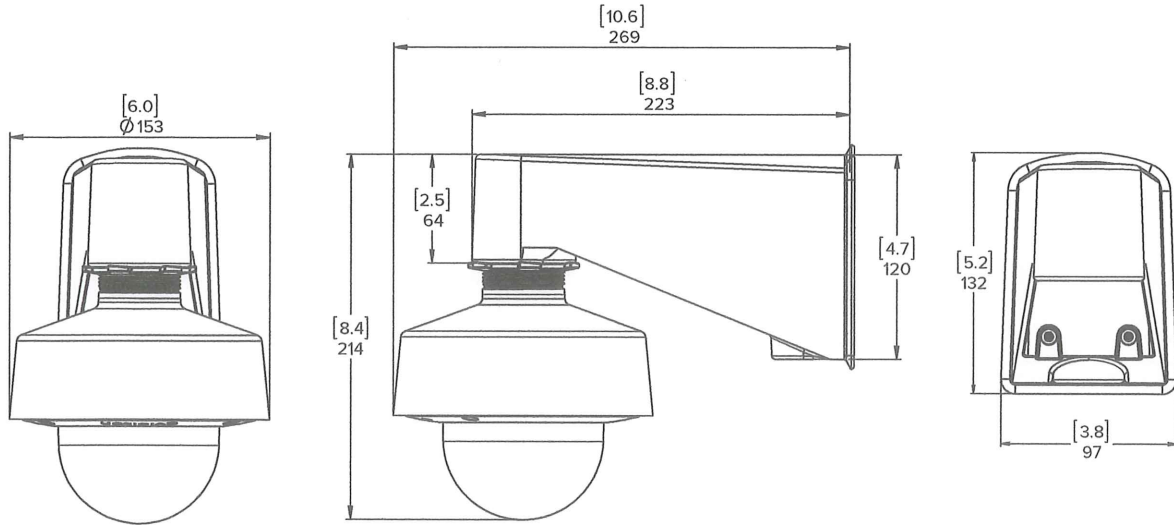
NPT Adapter

(H4SL-D/H4SL-DO + H4SL-MT-NPTA)



NPT Adapter and Pendant Wall Mount

(H4SL-D/H4SL-DO + H4SL-MT-NPTA + CM-MT-WALL1)



Ordering Information

	MP	WDR	LightCatcher Technology	Lens	IR	IP66	HDSM SmartCodec
1.3C-H4SL-D1	1.3	✓	✓	3 - 9 mm			✓
2.0C-H4SL-D1	2.0	✓	✓	3 - 9 mm			✓
3.0C-H4SL-D1	3.0	✓	✓	3 - 9 mm			✓
1.3C-H4SL-D1-IR	1.3	✓	✓	3 - 9 mm	✓		✓
2.0C-H4SL-D1-IR	2.0	✓	✓	3 - 9 mm	✓		✓
3.0C-H4SL-D1-IR	3.0	✓	✓	3 - 9 mm	✓		✓
1.3C-H4SL-DO1-IR	1.3	✓	✓	3 - 9 mm	✓	✓	✓
2.0C-H4SL-DO1-IR	2.0	✓	✓	3 - 9 mm	✓	✓	✓
3.0C-H4SL-DO1-IR	3.0	✓	✓	3 - 9 mm	✓	✓	✓
H4SL-MT-DCIL1	In-ceiling mounting adapter for the H4 SL dome camera						
H4SL-MT-NPTA1	NPT adapter for the H4 SL dome camera						
CM-MT-WALL1	Pendant wall mount						
H4-DC-CPNL1	Metal ceiling panel						
H4-MT-POLE1	Aluminum pole mounting bracket						
H4-MT-CRNR1	Aluminum corner mounting bracket						
H4-AC-WIFI2-NA	USB Wi-Fi adapter						
H4-AC-WIFI2-EU	USB Wi-Fi adapter						
H4SL-DD-SMOK1	Replacement outdoor smoke dome cover						
H4SL-DD-CLER1	Replacement outdoor clear dome cover						
H4SL-DI-SMOK1	Replacement indoor smoke dome cover						
H4SL-DI-CLER1	Replacement indoor clear dome cover						
H4SL-DO1-BASE	Replacement outdoor surface mount adapter						
H4SL-D1-BASE	Replacement indoor surface mount adapter						

Farmington City Council Staff Report	Council Meeting Date: March 18, 2019	Item Number 7B										
Submitted by: Charles Eudy, Superintendent												
Agenda Topic: US-16 Drain rehabilitation project by Oakland County Water Resource Commissioner												
Proposed Motion: Move to adopt resolution and allocate \$130,000 for the US-16 Drain rehabilitation project manage by Oakland County Water Resource Commissioner's office (OCWRC).												
<p>Background: The US-16 Drain is a county stormwater drain maintained by OCWRC, and provides stormwater drainage for Farmington, Farmington Hills and Grand River which is under the jurisdiction of Michigan Department of Transportation (MDOT), funding for maintenance for county drains is provided by communities serviced by the county drain.</p> <p>OCWRC conducted CCTV inspections of the US-16 Drain over the fall and winter. Several areas of the US-16 Drain are in need of urgent rehabilitation. If repairs are not conducted in a timely manner, the repairs to the US-16 drain and roadway will greatly increase. At this time OCWRC recommends repairing by the use of Cured In Place Pipe lining (CIPP). This lining can be conducted with minimal disruption to traffic in the residential area, thus avoiding open cut excavation of the stormsewer.</p> <p>In addition City Administration has requested the OCWRC contractor to provide an estimate to conduct CIPP lining of a City owned and maintained storm sewer on the east side of the Shiawassee Road bridge near the Rouge River. The contractor will include the CIPP lining of that storm sewer in conjunction with the US-16 Drain repairs. This would enable the City to take advantage of the competitive pricing of a larger scale project and reduced mobilization expenses.</p> <p>Cost shares</p> <table border="0"> <tr> <td>Farmington Hills</td> <td>\$ 99,354.17</td> </tr> <tr> <td>MDOT</td> <td>\$ 220,743.83</td> </tr> <tr> <td>Farmington</td> <td>\$ 113,760.08</td> </tr> <tr> <td>East side of bridge</td> <td>\$ 13,500.00 (plus 10% contingency = \$ 14,850.00)</td> </tr> <tr> <td>Farmington Total</td> <td>\$ 128,610.08</td> </tr> </table>			Farmington Hills	\$ 99,354.17	MDOT	\$ 220,743.83	Farmington	\$ 113,760.08	East side of bridge	\$ 13,500.00 (plus 10% contingency = \$ 14,850.00)	Farmington Total	\$ 128,610.08
Farmington Hills	\$ 99,354.17											
MDOT	\$ 220,743.83											
Farmington	\$ 113,760.08											
East side of bridge	\$ 13,500.00 (plus 10% contingency = \$ 14,850.00)											
Farmington Total	\$ 128,610.08											
<p>Materials: 2019-02-26 Memo to FAC 2019-02-22 Farmington US-16 Resolution Rehab Cost Est GW-MDOT Drain Projects Under Ch 20</p>												

**OAKLAND COUNTY
WATER RESOURCES COMMISSIONER**

MEMORANDUM

TO: Chuck Eudy – Public Works Superintendent, City of Farmington

FROM: Geoff Wilson, P.E. – Drain Maintenance Engineer, Oakland County WRC

SUBJECT: US-16 Drain Recommended Rehabilitation

DATE: February 26, 2019

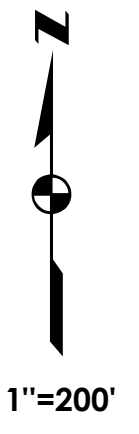
Recent inspection of the US-16 Drain, conducted via closed circuit television, revealed the need for maintenance, rehabilitation, and repair in several segments of the drain, located beneath both Grand River Avenue and Shiawassee Road in the City of Farmington and the City of Farmington Hills.

The US-16 Drain was established as a county drain in 1938 and drains lands in both the City of Farmington and the City of Farmington Hills. The Office of the Oakland County Water Resources Commissioner (WRC) maintains jurisdiction over county drains.

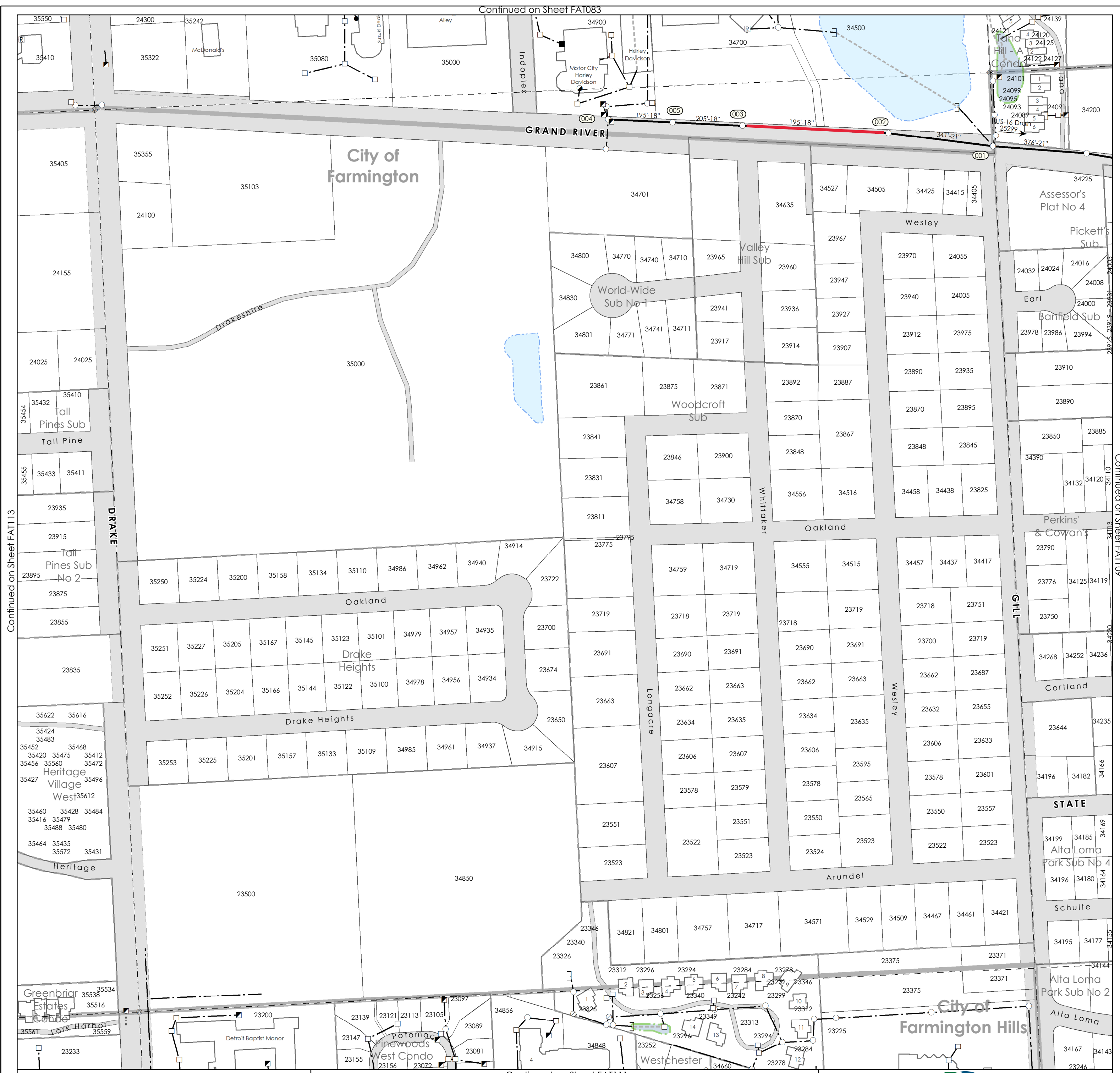
The recommended maintenance, rehabilitation, and repair include grouting, pre-cleaning, cured-in-place pipe lining, lateral services trimming and reinstatement of services. This work can be accomplished without the need to open-cut the roadway, thereby reducing costs and reducing disruption to the surrounding communities. The enclosed estimate details the anticipated costs.

Section 196 of the Michigan Drain Code of 1956 requires a resolution be adopted by each city's governing body prior to the WRC proceeding with this work. The WRC will then cause the work to be performed in the Spring of 2019 and will assess the communities per the existing apportionment.

Recommendation: Adoption of the enclosed resolution by Farmington City Council



Segments with recommended 2019 maintenance, rehabilitation, and repair



DISCLAIMER:
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US-16 DRAIN

One Public Works Drive
Building 95 West
Waterford, Michigan
48328-1907



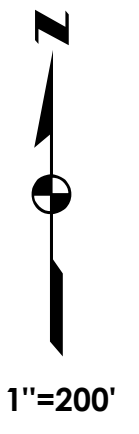
STORM DRAIN LEGEND	
Storm Gravity Pipe	Combined Non-Gravity Main
— Online Storm Pipe	— Comb FM Interceptor
— Online Storm Culvert	— Comb FM Trunk
— Prop Storm Pipe / Culvert	— Aband Comb FM Interceptor
— Aband Storm Pipe / Culvert	— Comb FMPMS Lateral
— Private / Maintained by Others	— Aband Comb FMPMS Trunk or Lateral
— Non WRC Culvert	— Private or Maint. by Others Comb FMPMS
— Virtual Drain Line	Open Storm Features
— Artificial Hydro Pathway	— Channel
— Aband Channel	— Aband Channel
— Spillway	— Spillway
— Stream / River	— Stream / River
— Sediment Basin; Stilling Basin	— Sediment Basin; Stilling Basin
— WRC Retention/Detention Basin	— WRC Retention/Detention Basin
— WRC Lake Level	— WRC Lake Level
— WRC Channel	— WRC Channel
— Private Retention/Detention Basin	— Private Retention/Detention Basin
— Non WRC Lake/Pond or Stream/River	— Non WRC Lake/Pond or Stream/River
— Non WRC Swamp / Marsh	— Non WRC Swamp / Marsh
— Virtual Combined Line	Storm Structures
— Storm Drain Proposed Project	— Standard Manhole / Access Point
— Vault	— Built Over Line MH
— Large pipe	— Junction Chamber
— Private Large Pipe	— Siphon
— Retention/Detention Vault/Basin	— Standard Inlet
— Private Retention/Detention Vault/Basin	— Catch Basin
Storm Siphons	— Inlet w/ End Section
— Online Siphon	— Inlet w/ End Section
— Prop Siphon	— Yard Inlet
— Private Siphon	— Rear Yard Catch Basin
— Aband Siphon	— Leaching Basin
Storm Force Main	— Field/Trench Drain, NOT WRC
— Online Force Main	— Roof Drain, NOT WRC
— Prop Force Main	— Inlet w/ Headwall
— Private Force Main	
— Aband Force Main	
— Private / Maintained by Others	
— Storm Drain Permit Location	
— Sewered Utility Crossing	
	— Pipe Outlet w/ End Section
	— Pipe Outlet w/ Headwall
	— Access Manhole
	— Access Point
	— Air Release Valve
	— Cleanout
	— Bulkhead or Cap
	— Inlet w/ End Section
	— Barrel Tap, TSV, or Blind Connection
	— Restrictor / Orifice
	— Weir
	— DIV Diversion Chamber
	— REG Flow Regulator
	— DAM Dam
	— Dam Maintained by Others
	— Beaver Dam
	— Bridge
	— Dock
	— Augmentation Well
	— Drain / Lake Level Lift Station
	— Control Structure
	— Overflow Structure
	— Special Structure
	— Oil/Grease Separator Structure

NW Section 28

FARMINGTON HILLS STORM DRAIN SYSTEMS
Township of Farmington

SHEET 110

Map Printed Oct 18, 2018



1"=200'

Continued on Sheet FAT110

Continued on Sheet FAT106



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Continued on Sheet FAT112

US-16 DRAIN

One Public Works Drive
 Building 95 West
 Waterford, Michigan
 48328-1907

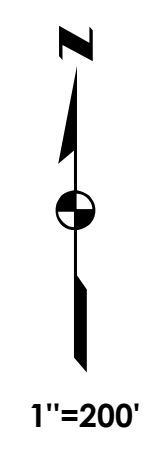
STORM DRAIN LEGEND	
Storm Gravity Pipe	Combined Non-Gravity Main
Online Storm Pipe	Comb FM Interceptor
Online Storm Culvert	Comb FM Trunk
Prop Storm Pipe / Culvert	Aband Comb FM Interceptor
Aband Storm Pipe / Culvert	Comb FM/PS Lateral
Private / Maintained by Others	Aband Comb FM/PS Trunk or Lateral
Non WRC Culvert	Private or Maint. by Others Comb FM/PS
Virtual Drain Line	Open Storm Features
Artificial Hydro Pathway	Channel
Combined Gravity Main	Aband Channel
Comb Interceptor	Splway
Private or Maint. by Others Interceptor	Stream / River
Aband Comb Interceptor	Sediment Basin; Stilling Basin
Comb Lateral	WRC Retention/Defention Basin
Proposed Comb Lateral	WRC Lake Level
Private or Maint. by Others Comb	WRC Channel
Proposed Private or Main. by Others	Private Retention/Defention Basin
Virtual Combined Line	Non WRC Lake/Pond or Stream/River
Storm Drain Proposed Project	Non WRC Swamp / Marsh
Vault	Storm Structures
Large pipe	Standard Manhole / Access Point
Private Large Pipe	Built Over Line MH
Retention/Defention Vault/Basin	Junction Chamber
Private Retention/Defention Vault/Basin	Siphon
Storm Siphons	Standard Inlet
Online Siphon	Catch Basin
Prop Siphon	Inlet w/ End Section
Private Siphon	Yard Inlet
Aband Siphon	Rear Yard Catch Basin
Storm Force Main	Leaching Basin
Online Force Main	Field/Trench Drain, NOT WRC
Prop Force Main	Roof Drain, NOT WRC
Private / Maintained by Others	R
Aband Force Main	Inlet w/ Headwall
Storm Drain Permit Location	
	Pipe Outlet w/ End Section
	Pipe Outlet w/ Headwall
	Access Manhole
	Access Point
	Air Release Valve
	Cleanout
	Bulkhead or Cap
	Increase / Reducer
	Rainfall Tap, TSV, or Blind Connection
	Restrictor / Orifice
	West
	Diversion Chamber
	Flow Regulator
	Dam
	Dam Maintained by Others
	Augmentation Well
	Drain / Lake Level Lift Station
	Control Structure
	Overflow Structure
	Special Structure
	Oil/Git Separator Structure
	Stepped Utility Crossing

NE Section 28

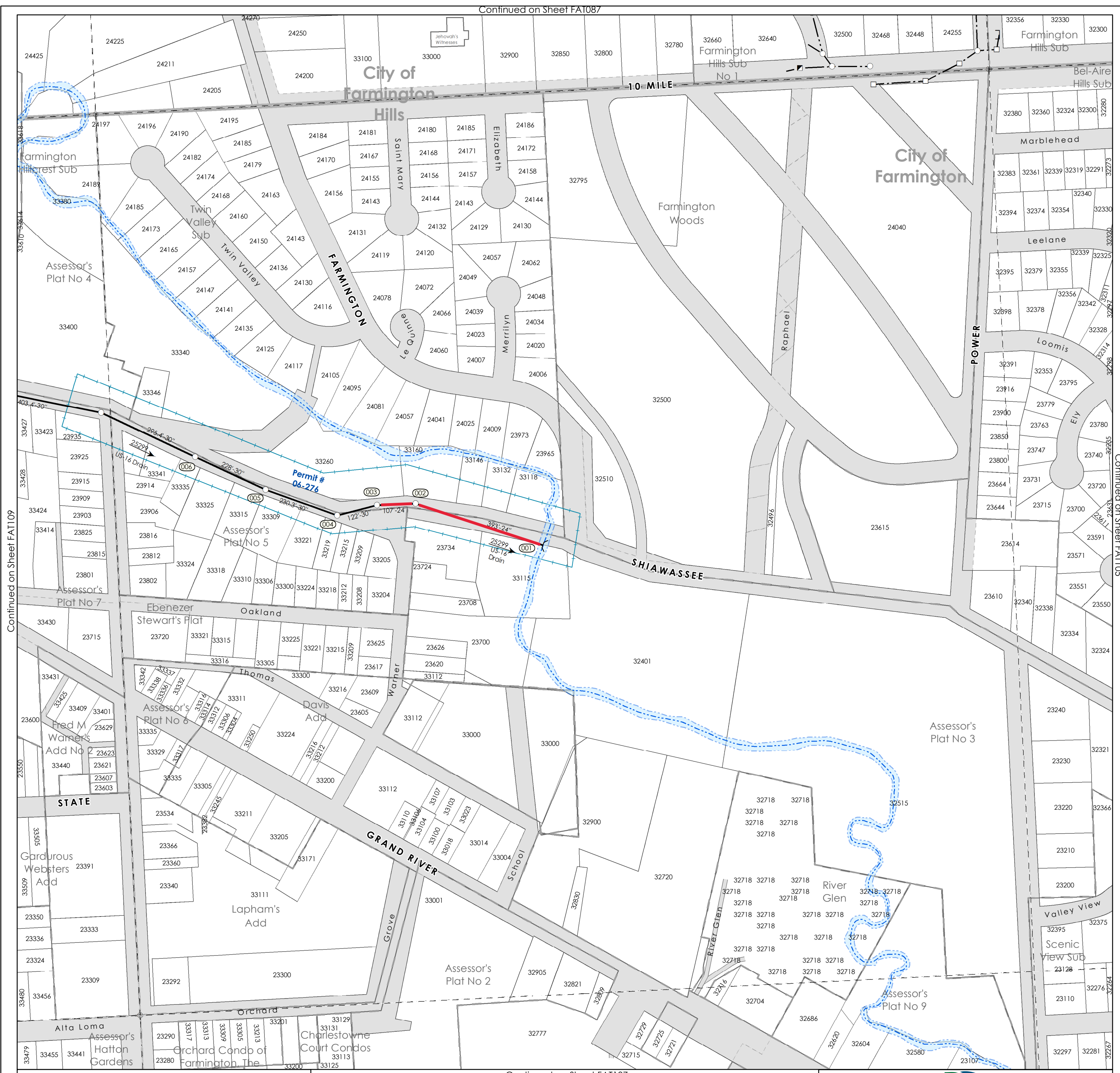
FARMINGTON HILLS
STORM DRAIN SYSTEMS
Township of Farmington

SHEET 109

Map Printed Feb 25, 2019



Segments with recommended 2019 maintenance, rehabilitation, and repair



Continued on Sheet FAT109

Continued on Sheet FAT105

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US-16 DRAIN

One Public Works Drive
Building 95 West
Waterford, Michigan
48328-1907



STORM DRAIN LEGEND	
Storm Gravity Pipe	Combined Non-Gravity Main
Online Storm Pipe	Comb FM Interceptor
Online Storm Culvert	Comb FM Trunk
Prop Storm Pipe / Culvert	Aband Comb FM Interceptor
Aband Storm Pipe / Culvert	Aband Comb FM Trunk
Private / Maintained by Others	Comb FMPS Lateral
Virtual Drain Line	Aband Comb FMPS Trunk or Lateral
Artificial Hydro Pathway	Non WRC Culvert
	Private or Maint. by Others Comb FMPS
Combined Gravity Main	Open Storm Features
Comb Interceptor	Aband Channel
Private or Maint. by Others Interceptor	Spillway
Aband Comb Interceptor	Stream / River
Comb Lateral	WRC Retention/Detention Basin
Proposed Comb Lateral	WRC Lake Level
Aband Comb Lateral	WRC Channel
Private or Maint. by Others Comb	Non WRC Retention/Detention Basin
Proposed Private or Maint. by Others	Non WRC Lake/Pond or Stream/River
Virtual Combined Line	Non WRC Swamp / Marsh
Storm Drain Proposed Project	Storm Structures
Vault	Standard Manhole / Access Point
Large pipe	Built Over Line MH
Private Large Pipe	Junction Chamber
Retention/Detention Vault/Basin	Siphon
Private Retention/Detention Vault/Basin	Standard Inlet
Storm Siphons	Inlet w/ End Section
Online Siphon	Prop Siphon
Prop Siphon	Private Siphon
Aband Siphon	Rear Yard Catch Basin
Storm Force Main	Leaching Basin
Online Force Main	Field/Trench Drain, NOT WRC
Prop Force Main	Roof Drain, NOT WRC
Aband Force Main	Inlet w/ Headwall
Private / Maintained by Others	
Storm Drain Permit Location	
Sleeved Utility Crossing	
	Pipe Outlet w/ End Section
	Pipe Outlet w/ Headwall
	Access Manhole
	Access Point
	Air Release Valve
	Cleanout
	Bulkhead or Cap
	Reducer / Inlet
	Barrel Top, TSV, or Blind Connection
	Restrictor / Orifice
	West
	Diversion Chamber
	Flow Regulator
	Dam
	Dam Maintained by Others
	Beaver Dam
	Bridge
	Dock
	Augmentation Well
	Drain / Lake Level Lift Station
	Control Structure
	Overflow Structure
	Special Structure
	Oil/Grease Separator Structure

NW Section 27

FARMINGTON HILLS
STORM DRAIN SYSTEMS
Township of Farmington

SHEET 106



This internal photo of the pipe shows a Hole Void Visible that warrants a spot repair. Also visible is the cross-sectional deformation and longitudinal fractures, typical of this segment. CIPP lining of entire segment recommended.



This internal photo of the pipe shows longitudinal fractures and cross-sectional deformation. CIPP lining recommended.

US-16 Drain - 2019 Maintenance, Rehabilitation, and Repair Estimate

1) Project Services:	<u>Unit</u>	<u>Qty</u>	<u>Unit Price</u>	<u>Cost</u>
Overall Construction Cost	LS	1	\$ 156,998	\$ 156,998
Easement Acquisition	LS	1	-	-
			Sub-Total	<u>\$ 156,998</u>
2) Project Development:				
Consultant Design				\$ -
Consultant Construction Contract Administration				\$ -
Permitting and Post Construction Permit Observation				\$ -
CCTV Inspection				\$ 21,850
			Sub-Total	<u>\$ 21,850</u>
3) Contracted Services: Project Financing (1)				
Bond Counsel				\$ -
Financial Consultant				\$ -
Official Statement				\$ -
Bond Rating Fees				\$ -
Bond Discount (11/2%)				\$ -
			Sub-Total	<u>\$ -</u>
4) County Services:				
Administration				\$ 3,140
Engineering				\$ 3,313
Right-Of-Way				\$ -
Construction Inspection				\$ 2,500
Surveying and As-Built Preparation				\$ 1,570
			Sub-Total	<u>\$ 10,523</u>
			GRAND SUBTOTAL	\$ 189,370
5) 10% Contingency				<u>\$ 18,937</u>
			Estimate of Probable Project Cost	\$ 208,307
			2020 Maintenance	\$ 5,000
			Proposed December 2019 Assessment	\$ 213,307
			MDOT (0.0904%)	\$192.83
			City of Farmington (53.3316%)	\$113,760.08
			City of Farmington Hills (46.5780%)	\$99,354.17

(1) - Assumes no financing.

**CITY OF FARMINGTON
RESOLUTION TO AUTHORIZE FUNDING FOR
A REHABILITATION PROJECT OF THE US-16 DRAIN**

At a regular meeting of the City Council of the City of Farmington, Oakland County, Michigan (the "City"), held on the ____ day of _____, 2019.

PRESENT:

ABSENT:

The following resolution was offered by _____ and seconded by _____:

WHEREAS the US-16 Drain, is a drain of approximately 5,217 feet, located within the cities of Farmington and Farmington Hills; and

WHEREAS the drain was established in 1938 as a Chapter 4 drain pursuant to the Michigan Drain Code of 1956; and

WHEREAS a recent inspection of the US-16 Drain, conducted via closed circuit television, revealed the need for maintenance, rehabilitation and repair in several segments of the drain beneath Shiawassee Road in the City of Farmington; and

WHEREAS necessary maintenance, rehabilitation and repair include grouting, pre-cleaning, cured-in-place pipe lining, lateral service trimming and reinstatement; and

WHEREAS the cost of the repairs is estimated to be \$213,307; and

WHEREAS the Michigan Drain Code limits costs associated with repair of Chapter 4 drains to not more than \$5,000 per mile per year; and

WHEREAS the anticipated amount of the proposed repair and rehabilitation project is \$208,307 more than the statutory maximum.

NOW THEREFORE BE IT RESOLVED that the City of Farmington, in conjunction with the City of Farmington Hills, agrees to pay its proportional share of the cost of the necessary repairs which is estimated to be \$_____.

BE IT FURTHER RESOLVED that the city council for the City of Farmington agrees that the proposed repairs are necessary and essential for the health, convenience and welfare of the residents served by the US-16 Drain and does hereby adopt this resolution.

BE IT FURTHER RESOLVED that an executed copy of said resolution by the Clerk shall be forwarded to the Oakland County Water Resources Commissioner, located at One Public Works Drive, Waterford, Michigan 48328 to the attention of Geoffrey Wilson, P.E., Civil Engineer III.

RESOLUTION DECLARED ADOPTED.

YEAS:

NAYS:

ABSTENTIONS:

STATE OF MICHIGAN)
)ss
COUNTY OF OAKLAND)

I hereby certify that the foregoing is a true and complete copy of a resolution adopted at a regular council meeting of the City of Farmington, Oakland County, Michigan, on the ____ day of _____, 2019, the original of which is on file in my office.

I further certify that notice of the meeting was given pursuant to and in full compliance with Act No. 267, Public Acts of Michigan, 1976, as amended.

IN WITNESS WHEREOF, I have hereunto affixed by official signature this ____ day of _____, 2019.

Clerk Mary Mullison
City of Farmington

US 16 Drain - Recommended Rehab Estimates (MDOT)

	<u>Unit</u>	<u>Qty</u>	<u>Unit Price</u>		<u>Cost</u>
1) Project Services:					
Overall Construction Cost	LS	1	\$ 188,375		\$ 188,375
Easement Acquisition	LS	1	\$ -		\$ -
			Sub-Total		<u>\$ 188,375</u>
2) Project Development:					
Consultant Design				\$	-
Consultant Construction Contract Administration				\$	-
Permitting and Post Construction Permit Observation				\$	-
CCTV Inspection					
			Sub-Total	\$	-
3) Contracted Services: Project Financing (1)					
Bond Counsel				\$	-
Financial Consultant				\$	-
Official Statement				\$	-
Bond Rating Fees				\$	-
Bond Discount (11/2%)				\$	-
			Sub-Total	\$	-
4) County Services:					
Administration				\$	3,768
Engineering				\$	3,975
Right-Of-Way				\$	-
Construction Inspection				\$	2,500
Surveying and As-Built Preparation				\$	1,884
			Sub-Total	\$	<u>12,126</u>
			GRAND SUBTOTAL	\$	200,501
5) 10% Contingency				\$	<u>20,050</u>
			Estimate of Probable Project Cost	\$	<u>220,551</u>

MDOT Special Benefit \$ 220,551

(1) - Assumes no financing.

DRAIN PROJECTS UNDER
CHAPTER 20 OF THE DRAIN CODE

November 20, 2012

Prepared by:

Paul M. Wyzgoski
Dickinson Wright PLLC
2600 West Big Beaver Road, Suite 300
Troy, Michigan 48084
Phone: (248) 433-7255
email: pwyzgoski@dickinson-wright.com

The discussion set forth below is based upon Act No. 40 of the Michigan Public Acts of 1956, as amended, MCLA §§280.1, et seq. (hereinafter referred to as the "Drain Code"). All chapter and section references refer to chapters and sections in the Drain Code.

I. CHAPTER 20 - GENERAL.

- A. Chapter 20 applies only to intra-county drains, which are defined to mean drains carrying consequential amounts of drainage water and/or sewage originating in one county (Section 461). The word "drain" as used in Chapter 20 and in this outline includes creeks, rivers, watercourses, open or closed ditches, storm and sanitary sewers and related facilities as are defined in Sections 2 and 3. Except for definitions and except as a Chapter 20 drainage board may specifically determine by resolution, the provisions of other chapters of the Drain Code do not apply to Chapter 20 drains (Section 484).
- B. All Chapter 20 projects are governed by a statutory drainage board consisting of the Oakland County Water Resources Commissioner (who is the chairperson of the drainage board), the Chairperson of the Oakland County Board of Commissioners and the Chairperson of the finance committee of the Oakland County Board of Commissioners (Section 464).
- C. The cost of a Chapter 20 drain project is assessed by the drainage board wholly against public corporations at large (Section 462) and not against benefiting property owners.
 - 1. Public corporations under Chapter 20 include the State of Michigan, counties, cities, villages, townships, metropolitan districts and authorities created under state statutes.

II. CHAPTER 20 – PROCEDURES FOR FINANCING DRAIN PROJECTS

- A. Petition – all Chapter 20 projects are initiated by a petition which confers jurisdiction on the drainage board.
 - 1. Projects must be necessary for the public health. Types of projects for which petitions may be filed:
 - a. Location, establishment and construction of a county drain (Section 462).
 - b. Cleaning out, relocating, widening, deepening, straightening, extending, connecting, tiling or otherwise improving, or adding or connecting branches to, a county drain (Section 482).

- c. Constructing one or more relief drains (consisting of new drains and branches and connections thereto or extensions, enlargements, branches, connections or improvements described in b. above) (Section 485).
- 2. Except as provided in the next sentence, petition must be signed by 2 or more public corporations which shall be subject to assessments to pay the cost of the drain (Section 463).
 - a. The petition need only be signed by a single city, township or village if (i) the drain is located entirely within the limits of a city, village or township, (ii) is located in more than one city, village or township but serves or will serve only an area within the limits of a single city, village or township so that no other city, village or township will be subject to an assessment to pay the cost thereof, or (iii) the project involves several drains which serve only areas located entirely within the limits of a single city, village or township, if the city, village or township consents by resolution (Section 486).
 - b. A certified copy of the resolution authorizing its execution should be attached to the petition.
 - c. If the assessment against a city, village or township is to be paid by a special assessment, fee or charge against owners of benefited property, the city, village or township must first hold a hearing before filing the petition (Section 489a). See discussion in III below.
- B. Notice from Oakland County Water Resources Commissioner - within 20 days after receiving the petition, Oakland County Water Resources Commissioner sends notice of receipt of the petition to all public corporations which may be subject to an assessment (Section 463).
- C. First meeting of drainage board – held following notice to members by registered or certified mail (Section 467). Drainage board takes the following actions:
 - 1. Acknowledges receipt of petition, makes a tentative determination as to the sufficiency of the petition and the practicability of the proposed drain project, and makes a further determination of the public corporations to be assessed.
 - 2. Designates the name of the drain and the drainage district.
 - 3. Sets a hearing date for receiving objections to the proposed drain project and

the petition and to the public corporations to be assessed.

D. Notice of hearing (Section 467).

1. Publication – must be published twice in a newspaper published in the county, the first publication being at least 20 days before the hearing.
2. Mailing – must be sent by registered or certified mail to each public corporation to be assessed at least 20 days prior to the hearing.

E. Hearing on objections (Section 467).

1. Drainage board makes a determination as to sufficiency of the petition, the practicability of the drain project and the public corporations to be assessed.
2. Drainage board adopts a resolution (i) determining that the petition is sufficient, the project is practical and necessary for the public health and the named public corporations should be assessed and (ii) authorizing the chairperson of the drainage board to issue and file a final order of determination.
3. If the final order of determination is not challenged in circuit court within 20 days after it is filed in the office of the Oakland County Water Resources Commissioner, the drain is deemed to be legally established and thereafter the legality of the drain is not subject to being questioned in any suit (Section 483).

F. Securing a competent engineer – the drainage board designates a competent engineer to prepare plans, specifications and an estimate of the cost of the project, as well as a description of the route of the drain and the area to be served by the drain project (Section 468).

G. Tentative apportionments of cost of project (Section 468).

1. Tentative apportionments of the cost of the project are made by the drainage board after it
 - a. Receives and approves plans and specifications and estimate of cost,
 - b. Approves the location and route of the drain, and
 - c. Designates the area to be served by the drain project.

2. Apportionments against the county and the State of Michigan are based on benefits related solely to the drainage of county and state highways, respectively.
3. Under Section 480, the cost of the drain project shall include:
 - a. the cost of constructing or acquiring the facilities,
 - b. the administrative and other expenses of the drainage board including the cost of service and publication of notices,
 - c. all engineering, legal and other professional fees,
 - d. interest on bonds for the first year (if bonds are issued) and interest on moneys advanced pursuant to Section 479, and
 - e. an amount equal to 10% of the sum of the foregoing amounts to cover contingent expenses.

H. Notice of hearing on apportionments (Section 469).

1. The notice should set forth the amount of the percent of the apportionment to each public corporation, the time and place of the hearing, the estimated cost of the drain project and that plans and specifications are on file for examination.
2. The notice should be published and mailed in the same manner as the notice of hearing on necessity.

I. Hearing on apportionments (Section 469).

1. Following the hearing, the drainage board adopts a resolution fixing and confirming the apportionments and authorizing and directing the entry of a final order of apportionment.
2. If the final order of apportionment is not challenged in circuit court within 20 days after it is filed in the office of the Oakland County Water Resources Commissioner, the legality of the assessments is not subject to being questioned in any suit (Section 483).

J. Special assessment roll (Sections 473, 474, 475 and 481).

1. Contains the name of each public corporation assessed, the percentage

apportioned to each public corporation and the dollar amount of the aggregate assessment based upon the percentage, and the number and dollar amount of the annual installments.

2. Annual installments may not exceed 30 and shall not be less than 1/4 of any subsequent installment.
3. Signed by the Chairperson of the drainage board.
4. Chairperson certifies the roll to each public corporation.
5. The obligation of the city, village or township to pay its assessment installments and interest thereon is a general obligation of such public corporation.
 - a. Section 475 (which was enacted prior to the effective date of the Headlee Amendment to the Michigan Constitution) provides that taxes levied by a public corporation for payment of a Chapter 20 assessment shall not be deemed to be within any statutory or charter tax limitation, and that such taxes may be imposed without limitation as to rate or amount to the extent necessary to pay the assessment.
 - b. Section 475 was generally limited by the Headlee Amendment, but, as a result of the application of Article 9, Section 31 of the Constitution, a charter entity (e.g. city, village, charter township) has the right to levy taxes to pay a Chapter 20 assessment as provided in Section 475. This view is not shared by all bond counsel in the State.

III. CHAPTER 20 - PROCEDURES FOR CITY, VILLAGE OR TOWNSHIP TO IMPOSE SPECIAL ASSESSMENTS AGAINST BENEFITING PROPERTY

- A. Special assessments may be levied against benefiting property by a city, village or township to pay all or a portion of an at large assessment under Chapter 20 only if the city, village or township has complied with the requirements of Section 489a.
- B. Requirements of Section 489a. Before filing a petition under Chapter 20, a city, village or township must:
 1. Send to the Oakland County Water Resources Commissioner a notice of intent to file a petition. The notice shall include a request that the Water Resources Commissioner delineate a proposed drainage district.
 2. Prepare a proposed plan for financing the project.

3. Prepare a notice of hearing that contains all of the following:
 - a. A general description of the drain project.
 - b. Expected benefits of the proposed drain project.
 - c. Notice that the proposed project is to be fully or partly financed by special assessments against property owners within the proposed district.
 - d. A statement that alternative plans for financing the project will be on the meeting agenda.
 - e. Notice of the time, date and place of a meeting to hear objections to the proposed drain project or the special assessment to be levied.
 4. Notice of the hearing shall be published and mailed by first class mail to all persons owing land within the proposed drainage district at least 10 days prior to the hearing.
 5. After the hearing the city, village or township may determine to proceed with the proposed drain project and to levy a special assessment under Section 490.
- C. The authority for a city, village or township to levy a special assessment against benefiting lands to pay all or a portion of an at large assessment is found in Section 490. Following compliance with Section 489a as described above, the city, village or township may levy special assessments as follows:
1. The special assessments shall be levied against especially benefitted land, according to the principle of benefits derived.
 2. The special assessment method of financing shall not be inconsistent with local financing policy for similar drains and sewers.
 3. The special assessments shall be made under the statutory or charter provisions governing special assessments to the extent applicable.
 - a. If there is not another drain assessment in the district on a particular drain, the special assessment proceedings may be initiated by the legislative body of the city, village or township without a petition, and a written objection in opposition to the levying of the special assessment shall be advisory only and shall not require a petition for

the project, except as otherwise previously filed with the Oakland County Water Resources Commissioner.

4. The special assessment roll (which may be divided into not more than 30 installments) shall be prepared and approved pursuant to applicable statutory or charter provisions governing special assessments.

BLOOMFIELD 999007-100 1236788v1

Farmington City Council Agenda Item	Council Meeting Date: March 18, 2019	Item Number 7C	
Submitted by Charles Eudy, Superintendent			
Agenda Topic Consideration of Resolution to Accept Oakland County West Nile Grant			
Proposed Motion Move to adopt resolution authorizing the City Manager to submit a reimbursement request to Oakland County in the amount of \$1,375.97 under the West Nile Fund program.			
Background <p>Beginning in 2003, Oakland County has provided funding to local units of government to address concerns related to the West Nile Virus. This year, the City will receive \$1,375.97 based on actual expenses.</p> <p>City staff has received approval from Oakland County to purchase briquettes that would be placed in catch basins throughout the City. Standing water in catch basins is a primary breeding ground for mosquitoes. These briquettes would kill the mosquito larvae in the catch basin. This is considered one of the most cost effective measures to address the problem of mosquitoes.</p> <p>In order to receive funding reimbursement for the purchase of the briquettes, it is necessary for the City Council to adopt a resolution authorizing the City Manager to submit a reimbursement under the West Nile Virus Fund program. Enclosed is a resolution for the City Council to authorize the reimbursement request.</p>			
Materials Attached Resolution Material quote for Altosid XR Ingot Slim Project Plan			
Agenda Review			
Department Head	Finance/Treasurer	City Attorney	City Manager

RESOLUTION NO. XX-XX-XXX

STATE OF MICHIGAN

COUNTY OF OAKLAND

CITY OF FARMINGTON

A RESOLUTION OF THE FARMINGTON CITY COUNCIL AUTHORIZING THE CITY MANAGER TO SUBMIT AN EXPENSE REIMBURSEMENT REQUEST UNDER OAKLAND COUNTY'S WEST NILE VIRUS FUND PROGRAM.

WHEREAS, upon the recommendation of the Oakland County Executive, the Oakland County Board of Commissioners has established a West Nile Virus Fund Program to assist Oakland County cities, villages, and townships in addressing mosquito control activities; and

WHEREAS, Oakland County's West Nile Virus Fund Program authorizes Oakland County cities, villages, and townships to apply for reimbursement of eligible expenses incurred in connection with personal mosquito protection measures/activity, mosquito habitat eradication, mosquito larviciding or focus adult mosquito insecticide spraying in designated community green areas; and

WHEREAS, the City of Farmington submitted a plan to place briquettes in catch basins throughout the City to kill the mosquito larvae in the catch basin; and

WHEREAS, the plan was approved by the Oakland County Health Department; and

WHEREAS, the City of Farmington has incurred expenses in connection with mosquito control activities believed to be eligible for reimbursement under Oakland County's West Nile Virus Fund Program.

NOW, THEREFORE BE IT RESOLVED that the Farmington City Council authorizes and directs its City Manager, David M. Murphy, as agent for the City of Farmington, to request reimbursement in the amount of \$1,375.97 for mosquito control activity in the manner and to the extent provided under Oakland County West Nile Virus Fund Program.

RESULT: APPROVED BY CONSENT VOTE [UNANIMOUS]

MOVER:

SECONDER:

AYES:

I, Mary J. Mullison, duly authorized City Clerk for the City of Farmington do hereby certify that the foregoing is a true and correct copy of a motion adopted by the Farmington City Council at a regular meeting held on Monday, March 18, 2019, in the City of Farmington, Oakland County, Michigan.

Susan K. Halberstadt, City Clerk



675 Sidwell Ct
St Charles, IL 60174
U.S.A.

www.clarke.com
TOLL-FREE: 800-323-5727

PH: 630-894-2000

FAX: 630-443-3070

EMAIL: customer@clarke.com

QUOTATION

B City of Farmington DPW (005169)
I Chuck Eudy
L 33720 W 9 Mile Rd
L
Farmington, MI 48335-4708
T 248-473-7250
O 248-473-7279

S City of Farmington DPW
H Chuck Eudy
I 33720 W 9 Mile Rd
P
Farmington, MI 48335-4708
T 248-473-7250
O 248-473-7279

Quotation #	Quote Date	Salesperson	Written by	Valid to
0002021351	03/06/19	Chris Novak	Josie Belter	12/31/19

Delivery Method	Terms
United Parcel Post	Net 30 Days

Item #	Item Description	Qty Ordered	Unit Price	Extended Price
11010IS	ALTOSID XR INGOT SLIM	2 cs	752.4000/cs	1,504.80
			Freight Charge	<u>40.00</u>
			Order total	<u>1,544.80</u>
			Total	<u>1,544.80</u>

* For your convenience we also accept Visa and MasterCard

Clarke will charge applicable sales taxes unless a valid exemption certificate is Emailed to: accountsreceivable@clarke.com or faxed to: 630-672-7439

Helping make communities around the world more livable, safe and comfortable.



OAKLAND
COUNTY MICHIGAN

OAKLAND COUNTY EXECUTIVE L. BROOKS PATTERSON

HEALTH DIVISION

Leigh-Anne Stafford, Health Officer
(248) 858-1280 | health@oakgov.com

March 6th, 2019

Dear Oakland County Municipality,

The 2019 West Nile Virus (WNV) Prevention Reimbursement amount for Farmington is \$1,375.97.

In addition to attending today's WNV Training, further requirements for reimbursement are as follows:

- Project Plan due **April 19, 2019**
- Resolution due **June 14, 2019**
- Invoices and Proof of Payment due **August 16, 2019**

Specifics regarding these requirements will be covered during today's training event, but further questions can be answered by Genessa Doolittle at doolittleg@oakgov.com or by phone at 248-858-2061.

Sincerely,

OAKLAND COUNTY HEALTH DIVISION
Department of Health and Human Services

Leigh-Anne Stafford, M.S.A.
Health Officer

2019 West Nile Virus Prevention Reimbursement Program Project Plan

Municipality: City of Farmington

Contact Name: Joshua Leach

Contact Phone: 248-473-7250

Contact Email: Jleach@farmgov.com

Previous Year Product Inventory:
(Include product name, quantity, and expiration date)

N/A

Previous Year Product Inventory Distribution Plan, if applicable:

N/A

2019 Project Plan: ****Must attach product quotes****

(Include product name and type)

Use Altosid XR Ingot briquets in catch basins

See order quote

2019 Project Distribution Plan:

This years plan is to have DPW personnel distribute the larvicide
briquets in catch basins throughout the city.

Farmington City Council Agenda Item	Council Meeting Date: 3-18-2019	Item Number 7D	
Submitted by: Melissa Andrade			
<u>Agenda Topic</u> Adopt proclamation naming April Child Abuse Prevention and Awareness Month			
<u>Proposed Motion</u> Move to adopt proclamation naming the month of April Child Abuse Prevention and Awareness Month			
<u>Background</u> This is an annual request from CARE House of Oakland County. In the past, Farmington Public Safety shows support for this month planting a pinwheel garden in front of City Hall to bring awareness to the accomplishments that have been made and the work that still needs to be done in regards to child abuse prevention and awareness. This gesture is done throughout the county, as well as in front of the Oakland County Courthouse.			
<u>Materials Attached</u> Proclamation			
Agenda Review			
Department Head	Finance/Treasurer	City Attorney	City Manager

Proclamation

Child Abuse Prevention and Awareness Month

April 2019

- WHEREAS,** abuse and neglect are suffered by children in our communities, regardless of age, race, gender, or economic situation;
- WHEREAS,** one in 10 children will be sexually abused before the age of 18;
- WHEREAS,** this reported maltreatment is only a portion of the overall problem threatening our children, for so many cases go unreported, and today's technology has brought with it a new and dangerous form of child endangerment- the online predator;
- WHEREAS,** the devastating consequences of physical and emotional abuse of our children affects the community as a whole and finding solutions needs to be attended to by the community as a whole;
- WHEREAS,** *CARE House of Oakland County* works to break the cycle of child abuse and neglect; provides a protective circle of light and hope for a better life; advocates for the safety and protection of children; and partners with community organizations and agencies to offer programs and services aimed at preventing child abuse.

NOW, THEREFORE, BE IT RESOLVED, that I, _____, Mayor of _____, County of Oakland, State of Michigan, do hereby proclaim April 2019 as **Child Abuse Prevention and Awareness Month** in the city/township of _____, and call on all citizens, community agencies, organizations, and businesses to increase their participation in efforts to prevent the abuse of our children, thereby strengthening and protecting the community in which we live.

(signature)

(printed name)
Mayor, City/Town of _____

Farmington City Council Staff Report	Council Meeting Date: March 18, 2019	Item Number 7E
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Submitted by: David Murphy

Agenda Topic: Introduction of a proposed ordinance to amend the City of Farmington Code of Ordinances Chapter 30.5, Telecommunications, to add a new Article III, Wireless Facilities in Right-of-Way, to establish requirements, standards, and regulations for access to and use of the public right-of-way for wireless facilities that are not telecommunication facilities under Article II of Chapter 30.5.

- Proposed Motion:**
1. Move to approve Introduction of ordinance to amend the City of Farmington Code of Ordinances Chapter 30.5, “Telecommunications,” to add a new Article III, Wireless Facilities in Right-of-Way, to establish requirements, standards, and regulations for access to and use of public right-of-way for wireless facilities that are not telecommunication facilities under Article III of Chapter 30.5.
 2. Move to deny Introduction of ordinance to amend the City of Farmington Code of Ordinances Chapter 30.5, “Telecommunications,” to add a new Article III, Wireless Facilities in Right-of-Way, to establish requirements, standards, and regulations for access to and use of public right-of-way for wireless facilities that are not telecommunication facilities under Article III of Chapter 30.5

Background: This proposed ordinance is focused on the technology now favored by the wireless communication industry for providing service. That technology involves the use of antennas placed closer together at generally lower heights than traditional cellular towers. To facilitate this new technology, the wireless communication industry has successfully convinced the legislature in Lansing and the Federal Communications Commission to adopt laws or rules that, with some exceptions and limitations, require municipalities to approve antennas and related wireless facilities, utility poles, or other support structures in the public right-of-way. Those laws are described in the Purpose section of the ordinance. The draft ordinance is intended to respond to and provide for compliance with the new State and Federal laws.

Note that these new State and Federal laws do not *require* adoption of an ordinance. They simply apply as a preemption of a municipality’s authority over its rights-of-way. However, to avail itself of the limited municipal rights recognized by these laws, the municipality must adopt an ordinance. One benefit of adopting an ordinance is that it works as a “roadmap” of sorts for compliance with these complicated and differing laws. An additional benefit is to take advantage of the right recognized by the State law to require a permit

Both the State and Federal laws recognize a municipality’s ability to adopt measures directed at the appearance of wireless facilities in the right-of-way. The State law refers to them as concealment measures, while the Federal law refers to them as aesthetic requirements. Both laws require such standards to be objective, reasonable/technically feasible, and nondiscriminatory as related to other infrastructure in the right-of-way.

The State law says that such standards may only be applied in historic districts, downtown districts, and residential zoning districts. While the Federal law contains no such limitation, it does contain language that could be interpreted to mean that for aesthetic standards to be enforceable they must be published prior to April 14, 2019. To protect against such an interpretation, this proposed ordinance includes a number of such standards. However, it also authorizes that waivers or modifications from one or more standards may be requested. Under the proposed ordinance, a permit fee resolution would be required, and that will be proposed at the time of adoption/second reading.

Materials:
Proposed ordinance

**CITY OF FARMINGTON
OAKLAND COUNTY, MICHIGAN**

ORDINANCE NO. _____

AN ORDINANCE TO AMEND THE CITY OF FARMINGTON CODE OF ORDINANCES CHAPTER 30.5, "TELECOMMUNICATIONS", TO ADD A NEW ARTICLE III, WIRELESS FACILITIES IN RIGHT-OF-WAY, TO ESTABLISH REQUIREMENTS, STANDARDS, AND REGULATIONS FOR ACCESS TO AND USE OF PUBLIC RIGHT-OF-WAY FOR WIRELESS FACILITIES THAT ARE NOT TELECOMMUNICATION FACILITIES UNDER ARTICLE II OF CHAPTER 30.5.

THE CITY OF FARMINGTON ORDAINS:

Section 1 of Ordinance.

That the Farmington City Code, Chapter 30.5, "Telecommunications," is amended by adding a new Article III, Wireless Facilities in Right-of-Way, to read as follows:

ARTICLE III. - WIRELESS FACILITIES IN RIGHT-OF-WAY

Sec. 30.5-40. - Purpose.

This article is adopted in response to new and differing State and Federal regulations, including Michigan Public Act No. 365 of 2018 (MCL 460.1301 - 460.1339), 47 USC 1455, Rules adopted by the Federal Communications Commission (FCC) as 47 CFR 1.40001 (now 47 CFR 1.6100) and 47 CFR 1.6001 - 1.6003, and the FCC's Declaratory Ruling and Third Report and Order in FCC 18-133, that infringe on the city's constitutional and proprietary rights and interests in its public right-of-way and the reasonable control thereof under Article VII, Section 29 of the Michigan Constitution of 1963, the city charter, and other applicable laws, which would allow the city to require public right-of-way users to obtain a franchise or permit from the city. Without waiving those city rights, this article is adopted for the purpose of complying with those State and Federal regulations by providing for and regulating access to and ongoing use of, public rights-of-way for wireless facilities that are not considered to be telecommunications facilities covered by the Metropolitan Extension Telecommunications Rights-of-Way Oversight Act (Act No. 48 of the Public Acts of 2002) ("Act"), and permits applied for and issued under that Act and article II of this chapter.

Sec. 30.5-41. - Definitions.

As used in this article, the following words and phrases shall have the indicated meanings:

Applicant means a wireless provider that applies for a permit or approval for wireless facilities, a wireless support structure, or utility pole in a public right-of-way.

Collocation or collocate means to place, replace, modify, mount, or install wireless facilities on or adjacent to a wireless support structure or utility pole, but does not include make-ready work or the installation of a new wireless support structure or utility pole.

Eligible facilities request means a request for modification of a lawfully existing wireless tower or lawfully existing wireless base station in a public right-of-way that involves collocation, removal, or replacement of wireless facilities that will not substantially change the physical dimensions of the wireless tower or base

station support structure, with wireless tower, wireless base station, and substantial change defined in Section 30.5-49.

Micro wireless facility means a small wireless that is not more than 24 inches in length, 15 inches in width, and 12 inches in height that does not have an exterior antenna more than 11 inches in length.

Public right-of-way means the area on, above, or below a public roadway, highway, street, alley, bridge, sidewalk, or utility easement dedicated for compatible uses, whether owned or controlled by, or under the jurisdiction of, the city or county, state, or federal government but does not include a private right-of-way, limited access highway, land owned or controlled by a railroad, and railroad infrastructure.

Small wireless facility means a wireless facility that meets each of the following requirements:

- (a) Each antenna is enclosed or would fit within an enclosure of not more than 6 cubic feet in volume.
- (b) All other wireless facilities associated with all antennas at a single location are not more than 28 cubic feet in volume, with electric meters, telecommunications demarcation boxes, grounding equipment, power transfer and cut-off switches, vertical cable runs, and concealment elements required by the city excluded from that calculation.

Utility pole means a pole or similar structure other than a wireless support structure, that is or may be fully or partially used for cable or wireline communications, electric distribution, lighting, traffic control, signage if the pole is at least 15 feet in height above ground level, or a similar function, or that is designed to support small wireless facilities.

Wireless facility or facilities means equipment and components at a fixed location that enables or facilitates the provision of wireless services, including antennas, transmitters, receivers, coaxial or fiber-optic cable, equipment shelters or cabinets, power supplies, comparable equipment, and miscellaneous hardware, but excluding structures or improvements on, under, or within which the equipment is collocated, telecommunication facilities as defined in section 30.5-23, and a wireline backhaul facility.

Wireless provider means a person or entity that provides wireless services and a person or entity that builds wireless facilities or support structures for a disclosed provider of wireless services.

Wireless service means a wireless communication service that is permitted or authorized by the Federal Communications Commission, which includes but is broader than personal wireless services as defined in 47 USC 332.

Wireless service provider means a person or entity that provides wireless services.

Wireless support structure means a freestanding structure designed to support or capable of supporting small wireless facilities, but does not include a utility pole.

Sec. 30.5-42. - Required permits and approvals to be applied for and complied with.

- (a) Wireless facilities, wireless support structures, and utility poles shall not be installed, used, operated, or maintained in a public Right-of-Way in the city without first obtaining and thereafter complying with the terms and conditions of a construction or engineering permit as required under Chapter 28, articles I and III of this Code, as amended, for construction within the public rights-of-way,

and Any approvals or permits required through the Department of Economic & Community Development to be applied for, reviewed, and issued or denied under the Zoning Ordinance in Chapter 35 of the Code.

- (b) A permit or approval shall not be required and fees or rates shall not be payable for:
 - (1) Replacement of a small wireless facility with a small wireless facility that is not larger or heavier and complies with applicable codes.
 - (2) Routine maintenance of small wireless facilities, wireless support structures, or utility poles.
 - (3) The installation, placement, maintenance, operation, or replacement of a micro wireless facility that is suspended on cables strung between utility poles or wireless support structures in compliance with applicable codes.
- (c) Any permits or Zoning Ordinance approvals obtained for wireless facilities, wireless support structures, or utility poles shall be conditioned on the issuance of and compliance with the permit and permit conditions for those facilities, support structures, or utility poles issued under subsection (a).
- (d) The time period for the city to act on a wireless provider permit or approval application for wireless facilities, support structures, or utility poles under this article shall not commence until the city has complete applications for all city permit or approvals required in subsection (a) for those wireless facilities, support structures, and utility poles.
- (e) In addition to city permits and approvals, any required permits from other governmental entities that also have an ownership, control, or jurisdictional interest in the public right-of-way must be obtained prior to construction, and thereafter complied with. Obtaining a permit for wireless facilities, wireless support structures, or utility poles from another governmental entity who share the public right-of-way with the city does not relieve a wireless provider from the need to comply with the standards in this article and the city reserves the right to require that a Permit under subsection (a) be applied for, obtained, and complied with.
- (f) To the extent applicable and allowed under existing franchises, permits, and applicable law, the permit requirements under this article shall apply to all new installations in the public right-of-way by electric and gas public utilities, incumbent or competitive local exchange carriers, fiber providers, and cable television video services providers.

Sec. 30.5-43. - Types of wireless facilities and applicable standards.

- (a) The following types of wireless facilities, support structures, and utility poles in the public right-of-way are addressed and subject to the application, review, and other standards and regulations in the indicated section of this article:
 - (1) Section 30.5-47 for collocation of a small wireless facility on an existing wireless support structure or utility pole.
 - (2) Section 30.5-48 for collocation of a small wireless facility on a new or replacement wireless support structure or utility pole.
 - (3) Section 30.5-49 for eligible facilities requests.

(4) Section 30.5-50 for collocation of wireless facilities other than small wireless facilities and eligible facilities requests.

(5) Section 30.5-52 for replacement and new wireless support structures or utility poles not involving small wireless facilities or eligible facilities requests.

(b) An application for a permit or approval required under this article shall conspicuously identify the type of wireless facilities proposed and the ordinance section(s), as listed in subsection (a), the applicant believes to be applicable.

Sec. 30.5-44. - Permit applications.

(a) Applications for a Permit under the standards and regulations in this article shall be filed with the City Clerk and shall include plans for the proposed wireless facilities, wireless support structures, and utility poles in accordance with this article and Chapter 28, article I of the Code. The City shall be allowed to waive or relax a standard to the extent it is not applicable or necessary for review of the application. The plans shall include a cover sheet with the project name, wireless provider applicant name and contact information, a general location map and sheet index, and detailed scaled location and elevation drawings for each site for which the permit is requested that show, describe, and include the following:

(1) The sides and specific locations on named streets, with geographic information system (GIS) coordinates.

(2) The location and edges of the public right-of-way and portion used for vehicular travel, and the location and dimensions of existing above-ground structures, utilities, sidewalks, driveways, buildings, signs, traffic lights and signs, poles, curbs, buildings, utility cabinets, utility pole guy wires, shelters, benches, storm drains, wireless support structures, utility poles, other improvements, and trees within 75 feet of the proposed location.

(3) Existing below ground structures including but not limited to water, sanitary sewer, storm sewer, electric, gas, cable, communication lines, and conduit.

(4) Information necessary to demonstrate compliance with the public, utility, and traffic safety and protection standards in section 30.5-45.

(5) Information necessary to demonstrate compliance with the aesthetic, spacing, and undergrounding standards in section 30.5-46.

(6) Information necessary to demonstrate compliance with the applicable standards for the type of wireless facilities, support structure, or utility poles for which approval is requested under sections 30.5-47 through 30.5-51.

(b) In addition to identification of the type of proposed wireless facility and the type of review required as listed in section 30.5-43(b) and the plans described in subsection (a), applications shall include:

(1) Certified documentation that each proposed wireless support structure or utility pole can structurally accommodate the proposed wireless facilities and documentation of its ability to accommodate the proposed and any future wireless facilities.

- (2) Manufacturer, model number, height, width, depth, weight, and volume in cubic feet of all proposed wireless facilities individually and collectively, specifically including the total cubic feet of each antenna and the total cubic feet of all other wireless facilities.
- (3) The identity of the wireless provider applying for the permit and the owners of and wireless providers that will use the wireless facilities, wireless support structures, and utility poles for which the permit is requested, and for each of those entities the following:
 - a. Legal and any assumed names, and resident agent name, if any.
 - b. Local, mailing, and registered office addresses.
 - c. Name, title, and authority of signatory for that entity.
 - d. Contact person name, address, phone numbers and email address.
- (4) Documentation that the owner of the proposed wireless facilities, wireless support structures, and utility poles has approved what is disclosed in the plans for the requested permit.
- (5) A written certification by the applicant that the wireless facilities for which the permit is requested will be operational within one (1) year after permit issuance.
- (6) A certificate of compliance with FCC rules related to radio frequency emissions from the proposed wireless facilities.
- (7) Copies of any required permits from other governmental entities that also have an ownership, control, or jurisdictional interest in the public right-of-way or documentation that those permits have been properly applied for.
- (8) Documentation of the date when complete applications for construction code permits and any required Zoning Ordinance permits or approvals were or will be made.
- (9) Identification of contractors who will be working in the public right-of-way and contact persons and information for those contractors.
- (10) A construction schedule indicating the period of time for the work from commencement to completion and restoration of all public right-of-way disturbed by the work.
- (11) A traffic control plan for when work is being performed in the public right-of-way.
- (12) Photo simulations of existing and proposed conditions.
- (13) A video recording of the location showing the staging and work areas where construction machinery will be driven or positioned off the traveled roadway.
- (14) Documentation of the applicant's ability to provide any required bond under section 30.5-54.
- (15) Payment of any application, review, or processing fee established by resolution of the city council under section 30.5-55.
- (16) For applications that would involve exceeding the height limits under Public Act No. 365 of 2018, to the height limits allowed by 47 CFR 16.001 - 16.003, a statement of whether the

applicant agrees to payment of the annual recurring fees recognized as presumptively valid under the Declaratory Ruling and Order in FCC 18-133.

(c) An application may be for up to 20 collocations by the applicant of substantially similar small wireless facilities for placement on similar types of wireless support structures or utility poles.

Sec. 30.5-45. - Public, utility, traffic, and pedestrian safety protection standards.

(a) Wireless facilities, wireless support structures, utility poles, and any related equipment shall be designed, installed, used, and maintained in compliance with the following standards that are intended to avoid material interference with the safe operation of traffic equipment, sight lines and clear vision areas, Americans with Disabilities Act (ADA) compliance regarding pedestrian access or movement, and the maintenance and full unobstructed use of public utility and drainage infrastructure:

(1) Shall have a separation distance of at least five (5') feet from a sidewalk and the back of a curb, or if there is no curb, from the edge of the improved public right-of-way improved used for motor vehicle travel.

(2) Shall have a separation distance of at least five (5') feet from the edge of any driveway and not be positioned to obstruct the ability to view traffic on the road from a vehicle exiting a driveway.

(3) Shall be located outside the corner clearance area under the Zoning Ordinance and comply with any other traffic safety clear vision standard under any city or other governmental ordinance, code, standard, rule, or regulation.

(4) Shall not cause a physical or visual obstruction or safety hazard to pedestrian or vehicular traffic.

(5) Shall comply with any setback, separation, or isolation distance requirement from existing or planned public utilities and lawful structures in the public right-of-way under any city ordinance, code, or design standards.

(6) The lowest part of wireless facilities shall be located at a height that is at least ten (10') feet above existing grade or higher as necessary to not pose a hazard or obstruction to persons or vehicles and to provide sufficient separation distance from power lines and similar facilities.

(7) Wireless support structures and utility poles shall not have more collocated wireless facilities than the structure or pole is designed and constructed to safely accommodate as documented by a certified structural analysis.

(8) Construction and traffic control during construction shall be in accordance with the Michigan Manual of Uniform Traffic Control Devices, Michigan Vehicle Code, and the directives of the city public safety department.

(9) Shall not interfere or prevent compliance with ADA standards regarding pedestrian access and movement.

(10) Shall comply with all conditions of any required permits from other governmental entities.

(b) To provide compliance with one or more of the standards in subsection (a), the city may require that a proposed collocation involving a new or replacement utility pole be moved by up to 75 feet for collocation on a designated existing wireless support structure or utility pole or to a designated location for the new or replacement utility pole. The applicant may request a waiver of this requirement by demonstrating in writing that the applicant cannot secure the right to comply with the city's requirement on reasonable terms and conditions and that compliance imposes unreasonable technical problems or significant additional costs.

(c) An applicant may request a waiver or modification of one or more of the standards in subsection (a) by demonstrating in writing that compliance will prevent a disclosed wireless service provider that would be using the proposed wireless facilities, support structure, or utility pole, from providing personal wireless services in violation of 47 USC 332.

Sec. 30.5-46. - Aesthetic, spacing, and undergrounding standards.

(a) Wireless facilities, wireless support structures, utility poles, and any related equipment shall be designed, installed, used, and maintained in compliance with the following standards that are intended to conceal such facilities, structures, and poles to the extent technically feasible in an effort to avoid or remedy the tangible and intangible public harm of installations in the public right-of-way that are unsightly, out-of-character with the surrounding area, or could result in the direct or indirect removal of trees and other aesthetically desirable features and appearances:

(1) Shall be strictly limited to the location and what is shown on the approved plans.

(2) Wireless facilities shall be treated and colored to be visually compatible with the wireless support structure or utility pole they are collocated on or associated with by painting or other coating. For existing wood utility poles, a finish color of conduit that is zinc, aluminum, or stainless steel is considered visually compatible.

(3) Wireless facilities shall be compatible in scale and proportion to the structure or pole upon which they are to be attached, using the smallest and least intrusive technology available, with the diameter of top mounted antennas to not exceed twice the diameter of the top of the structure or pole.

(4) Antennas shall be top mounted and aligned with the centerline of wireless support structures or utility poles, or side mounted with the vertical centerline of the antenna parallel with the support structure or utility pole.

(5) All cables and wires shall be placed in conduit or otherwise properly secured and concealed on the wireless support structure or utility pole.

(6) No more than three (3) antennas may be collocated on a utility pole and only if that number of antennas can be designed and accommodated in a manner that complies with all requirements of this section.

(7) Existing trees in the public right-of-way shall not be removed or trimmed to facilitate the installation, use, or maintenance of wireless facilities.

(8) Wireless facilities, support structures, and utility poles shall not be located within the drip line (critical root zone) of an existing tree in or adjoining the public right-of-way.

- (9) Ground mounted wireless facilities, including equipment cabinets and enclosures, shall be located as close as legal and technically feasible to the wireless support structure or utility pole they are associated with.
- (10) Ground mounted wireless facilities, including equipment cabinets and enclosures, shall be concealed to the extent technically feasible by matching color and materials to existing above-ground structures, landscaping, and placement to take advantage of concealment provided by the proposed structure or pole, existing landscaping, or above-ground improvements.
- (11) Wireless facilities shall not project more than two (2') feet from any side of the utility pole or wireless support structure upon which they are collocated.
- (12) Wireless facilities shall not be illuminated unless required by law or integral to a concealment design such as appearance as or on a street light pole.
- (13) New and replacement utility poles shall be located in alignment with existing utility poles on either side.
- (14) New and replacement utility poles shall be located equidistance from existing utility poles on either side.
- (15) New and replacement utility poles shall be made of the same material and have the same visual appearance as the existing utility poles on either side. If those existing utility poles are different, the new or replacement pole shall be metal or fiber if either existing pole is of that material and shall otherwise be the same material as the newer of the existing poles.
- (16) Unless a greater height is approved under this article as required by state or federal law, wireless support structures and utility poles shall not be taller than the existing utility poles on either side.
- (17) In a public right-of-way abutting residentially used or zoned property, new wireless facilities, wireless support structures, and utility poles shall only be located in line with a side lot line.
- (18) New wireless facilities shall not be collocated on an existing wireless support structure or utility pole that is directly in front of an existing residential dwelling or that is along the frontage of a property containing a building of historic significance under federal, state, or other laws.
- (19) New wireless facilities, wireless support structures, and utility poles shall not be located in front of an existing residential or commercial structure.
- (20) In a public right-of-way abutting residentially used or zoned property, wireless facilities that require a cooling system shall use a passive system, or if a motorized system is technologically required, shall use a system and fan with the lowest available noise level.
- (21) Except for a label containing the name and emergency contact telephone number for the wireless provider responsible for the wireless facilities and wireless support structure or utility pole, information that identifies them and their location, and any information required to be

displayed by state or federal law, no signage shall be allowed, with all manufacturer decals that are not needed for safety reasons to be removed or painted over.

(22) Regardless of the number of antennas that are collocated on a utility pole or wireless support structure, the other wireless facilities associated with those antennas shall not exceed 28 cubic feet in volume.

(23) Collocations on and replacement or new utility poles or wireless support structures in a public right-of-way that has been specifically designated or identified by ordinance or city council resolution for a program of improvement, redevelopment, beautification, regulation, or other planning goals, shall be subject to city review and approval of the design, appearance, and method and height of attachment to assure consistency, compatibility, and uniformity with the standards, objectives, installations and streetscape appearance planned for that public right-of-way under the program.

(b) To provide compliance with one or more of the standards in subsection (a), the city may require that a proposed collocation involving a new or replacement utility pole be moved by up to 75 feet for collocation on a designated existing wireless support structure or utility pole or to a designated location for the new or replacement utility pole. The applicant may request a waiver of this requirement by demonstrating in writing that the applicant cannot secure the right to comply with the city's requirement on reasonable terms and conditions and that compliance imposes unreasonable technical problems or significant additional costs.

(c) Above ground wireless facilities and support structures and utility poles shall not be allowed in an area designated by the city council solely for underground or buried cable and utility facilities if all the following apply:

(1) The city has required all cable and utility facilities, other than city, street light, and traffic signal poles and attachments, to be placed underground by a date that is not less than 90 days before the submission of the application.

(2) The city does not prohibit the replacement of city poles by a wireless provider in the designated area.

(d) An applicant may request a waiver or modification of one or more of the standards in subsections (a) and (c) by demonstrating in writing that compliance will prevent a disclosed wireless service provider that would be using the proposed wireless facilities, support structure, or utility pole, from providing personal wireless services in violation of 47 USC 332.

(e) To the extent applicable and allowed under existing franchises, permits, and applicable law, the permit requirements under this article shall apply to all new installations in the public right-of-way by electric and gas public utilities, incumbent or competitive local exchange carriers, fiber providers, and cable television video services providers.

Sec. 30.5-47. - Collocation of small wireless facilities on existing structures and poles.

(a) This section applies to the collocation of small wireless facilities on existing wireless support structures or utility poles.

(b) For collocations where the applicant wants the annual rate limited to what is allowed by MCL 460.1313, wireless facilities shall not extend more than five (5) feet above the height of the wireless support structure or utility pole they are collocated on.

(c) If the applicant has agreed to pay the annual recurring fee recognized as presumptively valid under the Declaratory Ruling and Order in FCC 18-133, subject to compliance with subsection (b), the collocation shall not result in a height that exceeds the greater of the following overall heights of the structure or pole and collocated wireless facilities:

(1) 50 feet.

(2) A height that is 10% more than the height of the existing structure or pole.

(3) A height that is 10% more than the height of immediately adjacent wireless support structures or utility poles in the public right-of-way.

(d) Subject to the possible time adjustments in MCL 460.1315 and 47 CFR 1.6003 that are included in the Shot Clock Appendix to this article, the city shall approve or deny an application for a permit under this section within 60 days of all applications for the requested facilities being submitted and complete.

(e) A permit application under this section may only be denied for reasons listed in section 30.5-52(b).

Sec. 30.5-48. - Collocation of small wireless facilities on replacement/new structures and poles.

(a) This section applies to the collocation of small wireless facilities on new or replacement wireless support structures or utility poles.

(b) For collocations where the applicant wants the annual rate limited to what is allowed by MCL 460.1313, wireless facilities shall not extend more than five (5) feet above the height of the wireless support structure or utility pole and the new or replacement wireless support structure or utility pole used for collocation shall not exceed 40 feet in height above ground level.

(c) If the applicant has agreed to pay the annual recurring fee recognized as presumptively valid under the Declaratory Ruling and Order in FCC 18-133, the collocation shall not result in a height that exceeds the greater of the following overall heights of the new or replacement structure or pole and collocated wireless facilities:

(1) 50 feet.

(2) For a replacement structure or pole, a height that is 10% more than the height of the structure or pole being replaced.

(3) A height that is 10% more than the height of immediately adjacent wireless support structures or utility poles in the public right-of-way.

(d) Subject to the possible time adjustments in MCL 460.1315 and 47 CFR 1.6003 that are included in the Shot Clock Appendix to this article, the city shall approve or deny an application for a permit under this section within 90 days of all applications for the requested facilities being submitted and complete.

- (e) A permit application under this section may only be denied for reasons listed in section 30.5-52(b).

Sec. 30.5-49. - Eligible facilities requests.

- (a) This section applies to eligible facilities requests as defined in section 30.5-41.
- (b) For purposes of this section:
 - (1) Wireless tower means a structure in a public right-of-way, the sole or primary purpose of which is to support antennas and associated wireless equipment for the provision of wireless services.
 - (2) Wireless base station means equipment or a structure (other than a wireless tower), that at the time of the application supports or houses wireless facilities at a fixed location that enables wireless service between user equipment and a communications network.
- (c) An eligible facilities request application shall include the documents, plans, specifications, and statements necessary to establish that:
 - (1) The wireless tower or base station is existing.
 - (2) The wireless tower or base station to be modified is in compliance with all applicable city, state, and other local zoning, siting, and regulatory reviews, permits, and approvals.
 - (3) Modification is limited to collocation, removal or replacement of wireless equipment.
 - (4) There will be no "substantial change" to the wireless tower or base station.
- (d) For purposes of this section substantial change means any of the following:
 - (1) Increasing the height over the height established by City ordinance, by more than 10% or more than 10 feet, whichever is greater.
 - (2) Adding wireless facilities that would protrude from the edge of the structure by more than six (6) feet.
 - (3) The installation of new ground equipment cabinets if there are no pre-existing ground cabinets.
 - (4) If there are existing ground equipment cabinets, the installation of ground cabinets that are 10% larger in height or overall volume than the existing cabinets.
 - (5) Excavation or deployment outside the perimeter of the area occupied by the wireless tower or base station and existing wireless facilities.
 - (6) A modification that does not comply with prior approval conditions for the wireless support structure or base station unless the noncompliance is limited to a modification that would not be a substantial change under the above standards in subsections (1) through (5).

(7) A modification that would defeat or be incompatible or inconsistent with existing elements of a wireless tower or base station designed to conceal or minimize its appearance as a wireless tower or base station.

(e) Subject to the possible time adjustments under 47 CFR 1.6100 that is included in the Shot Clock Appendix to this article, the city shall approve or deny an application for a permit under this section within 60 days of all applications for the requested facilities being submitted and complete.

Sec. 30.5-50. - Collocation of wireless facilities other than small wireless facilities and eligible facilities requests.

(a) This section applies to the collocation of wireless facilities that are not described in sections 30.5-47, 30.5-48, or 30.5-49.

(b) Collocations shall comply with all standards in sections 30.5-45 and 30.5-46.

(c) For collocations where the applicant wants the annual rate limited to what is allowed by MCL 460.1313, wireless facilities shall not extend more than five (5) feet above the height of the wireless support structure or utility pole they are collocated on.

(d) If the applicant has agreed to pay the annual recurring fee recognized as presumptively valid under the Declaratory Ruling and Order in FCC 18-133, subject to compliance with subsection (c) and the applicant's demonstration that a disclosed wireless provider will be prohibited from providing personal wireless services without the increased height, the collocation shall not result in a height that exceeds the greater of the following overall heights of the structure or pole and collocated wireless facilities:

(1) 50 feet.

(2) A height that is 10% more than the height of the existing structure or pole.

(3) A height that is 10% more than the height of immediately adjacent wireless support structures or utility poles in the public right-of-way.

(e) Subject to the possible time adjustments in MCL 460.1315 and 47 CFR 1.6003 that are included in the Shot Clock Appendix to this article, the city shall approve or deny an application for a permit under this section within 90 days of all applications for the requested facilities being submitted and complete.

Sec. 30.5-51. - Replacement and new wireless support structures and utility poles not involving small wireless facilities or eligible facilities requests.

(a) This section applies to the new and replacement wireless support structures and utility poles not involving collocation of wireless facilities under sections 30.5-47, 30.5-48, or 30.5-49.

(b) Wireless support structures and utility poles shall comply with all standards in sections 30.5-45 and 30.5-46.

(c) For wireless support structures and utility poles where the applicant wants the annual rate limited to what is allowed by MCL 460.1313, the height shall not exceed 40 feet above ground level and wireless facilities shall not extend more than five (5) feet above the height of the wireless support structure or utility pole.

(d) If the applicant has agreed to pay the annual recurring fee recognized as presumptively valid under the Declaratory Ruling and Order in FCC 18-133, subject to the applicant's demonstration that a disclosed wireless provider will be prohibited from providing personal wireless services without a height greater than in subsection (c), the wireless support structure or utility pole may be increased to a height that does not exceed the greater of the following overall heights of the structure or pole and collocated wireless facilities:

- (1) 50 feet.
- (2) A height that is 10% more than the height of the existing structure or pole.
- (3) A height that is 10% more than the height of immediately adjacent wireless support structures or utility poles in the public right-of-way.

(e) For new and replacement wireless support structures and utility poles under this section, the city may specify and require relocation from what is proposed to a new location in the same general public right-of-way area based on any standard listed in sections 30.5-45, 30.5-46, or permit condition listed in section 30.5-53(e).

(f) Subject to the possible time adjustments in MCL 460.1315 and 47 CFR 1.6003 that are included in the Shot Clock Appendix to this article, the city shall approve or deny an application for a permit under this section within 150 days of all applications for the requested facilities being submitted and complete.

Sec. 30.5-52. - Review and decisions on permit applications.

(a) Within the time allowed for approval or denial of a permit application, the city shall issue a written notice to the applicant that either denies the requested permit for specified reasons with citations to sections of this article or applicable codes or provides notice that the application has been approved and the requirement for the permit to be issued.

(b) An application under sections 30.5-47 and 30.5-48 for wireless facilities, support structures, or utility poles described in and complying with those sections may only be denied if the facilities, structures, or poles would do one or more of the following:

- (1) Materially interfere with the safe operation of traffic control equipment.
- (2) Materially interfere with sight lines or clear zones for transportation or pedestrians.
- (3) Materially interfere with compliance with the Americans with Disabilities Act of 1990, Public Law 101-336, or similar federal, state, or local standards regarding pedestrian access or movement.
- (4) Materially interfere with maintenance or full unobstructed use of public utility infrastructure under the jurisdiction of the city.
- (5) With respect to drainage infrastructure under the jurisdiction of the city or other governmental entity, either of the following:
 - A. Materially interfere with maintenance or full unobstructed use of the drainage infrastructure as it was originally designed.

B. Not be located a reasonable distance from the drainage infrastructure to ensure maintenance under the Drain Code of 1956, 1956 PA 40, MCL 280.1 to 280.630, and access to the drainage infrastructure.

(6) Fail to comply with the one or more spacing standards in sections 30.5-45 and 30.5-46 that do not prevent a wireless provider from serving any location.

(7) Fail to comply with applicable codes.

(8) Fail to comply with the aesthetic, spacing, or undergrounding standards in section 30.5-46 in a historic, downtown, or residential district unless such compliance is demonstrated by the applicant to prohibit use of the wireless service provider's technology.

(9) Fail to meet the aesthetic, spacing, and undergrounding standards in section 30.5-46 unless such compliance is demonstrated by the applicant to prohibit the provision of personal wireless services.

(c) If an application is denied, the applicant may attempt to cure the reasons for denial by submitting a revised application with amended or supplemental information within 30 days of the denial without payment of an additional application fee. The city shall approve or deny the revised application within 30 days, limiting its review to the reasons for denial, and provide notice of that decision as provided in subsection (a).

(d) Before issuance of a permit, any bond required by section 30.5-54 shall be provided and the annual fee established by Resolution of the city council for the approved wireless facilities under section 30.5-55 shall be paid.

Sec. 30.5-53. - Permit terms and conditions.

(a) Repair. Every Permit issued under Chapter 28, articles I and III of the Code and this article shall be considered to include a condition that all wireless providers using the wireless facilities, support structures, or utility poles are responsible for repairing all damage to the public right-of-way caused by the activities of one or more of those providers while occupying, constructing, installing, mounting, maintaining, modifying, operating, or replacing wireless facilities, wireless support structures, or utility poles, and to restore the public right-of-way to the condition that existed prior to the damage. If the wireless providers fail to perform the repairs and restoration within 60 days of the city's written notice to do so, the city may perform the repairs and restoration, with the wireless providers responsible for paying the city its reasonable and documented costs within 30 days of the city's invoice or billing for those costs.

(b) Electricity. Every Permit issued under Chapter 28, articles I and III of the Code and this article shall be considered to include a condition that all wireless providers using the wireless facilities, support structures, or utility poles shall be responsible for arranging and paying for all electricity used for the wireless facilities.

(c) Indemnification. Every Permit issued under Chapter 28, articles I and III of the Code and this article shall be considered to include a condition that all wireless providers using the wireless facilities, support structures, or utility poles shall defend, indemnify, and hold harmless the city and its officers, agents, and employees against any claims, demands, damages, lawsuits, judgments, costs, liens, losses, expenses, and attorney fees resulting from the installation, construction, repair, replacement, operation, or maintenance of any wireless facilities, wireless support structures, or utility poles to the extent caused

by the applicant, wireless providers using the facilities, structures, or poles, and their contractors, subcontractors, and the officers, employees, or agents of any of these. This obligation does not apply to any liabilities or losses due to or caused by the sole negligence of the city or its officers, agents, or employees.

(d) Insurance. Every Permit issued under Chapter 28, articles I and III of the Code and this article shall be considered to include a condition that all wireless providers using the wireless facilities, support structures, or utility poles obtain insurance naming the city and its officers, agents, and employees as additional insureds against any claims, demands, damages, lawsuits, judgments, costs, liens, losses, expenses, and attorney fees in amounts required by the city. A wireless provider may meet all or a portion of the city's insurance coverage and limit requirements by self-insurance. To the extent it self-insures, a wireless provider is not required to name additional insureds under this section. To the extent a wireless provider elects to self-insure, the wireless provider shall provide to the authority evidence demonstrating, to the city's satisfaction, the wireless provider's financial ability to meet the authority's insurance coverage and limit requirements.

(e) Every Permit issued under Chapter 28, articles I and III of the Code and this article shall be considered to include the following conditions which are based on the substantive terms and conditions of the current unilateral form of permit approved by the Michigan Public Service Commission for use under the Metropolitan Extension Telecommunications Rights-of-Way Oversight Act, Act No. 48 of the Public Acts of 2002, as amended:

(1) No Burden on Public Right-of-Way. Permittee, its contractors, subcontractors, and the wireless facilities, structures, and poles shall not unduly burden or interfere with the present or future use of any of the Public Right-of-Way. The Wireless facilities, structures, and poles shall be installed and maintained so as to not endanger or injure persons or property in or about the Public Right-of-Way. If City reasonably determines that any portion of the wireless facilities, structures, and poles constitutes an undue burden or interference, due to changed circumstances, Permittee, at its expense, shall modify the wireless facilities, structures, and poles or take such other actions as City may determine is in the public interest to remove or alleviate the burden, and Permittee shall do so within a reasonable time period. City shall attempt to require all occupants of a pole or conduit whose wireless facilities, structures, and poles are a burden to remove or alleviate the burden concurrently.

(2) No Priority. This Permit does not establish any priority of use of the Public Right-of-Way by Permittee over any present or future permit holder or parties having agreements with City or franchises for such use. In the event of any dispute as to the priority of use of the Public Right-of-Way, the first priority shall be to the public generally, the second priority to City, the third priority to the State of Michigan and its political subdivisions in the performance of their various functions, and thereafter as between other permit, agreement or franchise holders, as determined by City in the exercise of its powers, including the police power and other powers reserved to and conferred on it by the State of Michigan.

(3) Marking. Permittee shall mark the Wireless facilities, structures, and poles in compliance with applicable federal and state law requirements, with each location at which Wireless facilities, structures, and poles are located to have a written sign that is readable from ground level that at a minimum states Permittee's name and a toll-free telephone number to call for assistance, and if Wireless facilities, structures, and poles are underground, a statement that there is buried equipment at the site.

(4) Installation and Maintenance. The construction and installation of the wireless facilities, structures, and poles shall be performed pursuant to plans approved by City, and together with the maintenance of the wireless facilities, structures, and poles, shall be done in a clean, good, and workmanlike manner. Permittee shall install and maintain the wireless facilities, structures, and poles in a reasonably safe condition, free from workmanship and product defects. Permittee may perform maintenance on the wireless facilities, structures, and poles without prior approval of City, provided that Permittee shall obtain any and all permits required by City in the event that any maintenance will disturb or block vehicular traffic or are otherwise required by City.

(5) Coordination. Permittee shall coordinate its construction and all other work in the Public Right-of-Way with any City programs or projects Permittee was notified of in the City's review comments on construction permit application.

(6) Compliance with Laws. Permittee shall comply with all governmental laws, statutes, ordinances, rules, resolutions, tariffs, administrative orders, certificates, permits, orders, regulations, and other legal requirements regarding the construction, installation, use, and maintenance of its wireless facilities, structures, and poles, whether federal, state or local, now in force or which hereafter may be promulgated or become effective. Permittee shall comply with all zoning and land use ordinances and historic preservation ordinances as may exist or may hereafter be amended.

(7) Street Vacation. If City vacates or consents to the vacation of Public Right-of-Way within its jurisdiction, and such vacation necessitates the removal and relocation of wireless facilities, structures, and poles in the vacated Public Right-of-Way, Permittee does, as a condition of this Permit, consent to the vacation and remove its Wireless facilities, structures, and poles at its cost and expense when and within the reasonable time ordered by City or a court of competent jurisdiction. If Permittee fails to satisfy this obligation, City may take all reasonable actions it deems necessary to secure timely completion of the required work.

(8) Relocation. If City requests Permittee to relocate, protect, support, disconnect, or remove its wireless facilities, structures, and poles because of street or utility work, or other public projects, Permittee shall relocate, protect, support, disconnect, or remove its wireless facilities, structures, and poles, at its cost and expense, including where necessary to such alternate location as City and Permittee mutually agree, applying reasonable engineering standards. The work shall be completed within a reasonable time period. If Permittee fails to satisfy this obligation, City may take all reasonable actions it deems necessary to secure timely completion of the required work.

(9) Public Emergency. City shall have the right to sever, disrupt, dig-up or otherwise destroy wireless facilities, structures, and poles of Permittee if such action is necessary because of a public emergency. If reasonable to do so under the circumstances, City shall attempt to provide notice to Permittee. Public emergency shall be any condition which poses an immediate threat to life, health, or property caused by any natural or man-made disaster, including, but not limited to, storms, floods, fire, accidents, explosions, water main breaks, hazardous material spills, and similar events. Permittee shall be responsible for repair at its cost and expense of any of its wireless facilities, structures, and poles damaged pursuant to any such action taken by City.

(10) Miss Dig. If eligible to join, Permittee shall subscribe to and be a member of "MISS DIG," the association of utilities formed pursuant to Act 174 of the Public Acts of 2013, as amended,

MCL § 460.721et seq., and shall conduct its business in conformance with the statutory provisions and regulations promulgated thereunder.

(11) Underground Relocation. If Permittee has its wireless facilities on poles of a utility or telecommunications provider and such utility or telecommunications provider relocates its system underground, this Permit shall terminate as to any such pole that is no longer used except by Permittee for its wireless facilities. Permittee shall remove any such pole described in this subsection at its cost and expense within a reasonable time period specified by the City in a written notice. If Permittee fails to satisfy this obligation, City may take all reasonable actions it deems necessary to secure timely completion of the required work.

(12) Identification. All personnel of Permittee and its contractors or subcontractors who have as part of their normal duties contact with the general public shall wear on their clothing a clearly visible identification card bearing Permittee's name, their name and photograph. Permittee shall account for all identification cards at all times. Every service vehicle of Permittee and its contractors or subcontractors shall be clearly identified as such to the public, such as by a magnetic sign with Permittee's name and telephone number.

(f) Compliance with permit conditions is required, with a violation of permit conditions being a violation of this article.

Sec. 30.5-54. - Bond.

A bond may be required to be posted prior to issuance of a Permit under Chapter 28, articles I and III of the Code and this article in an amount not exceeding \$1,000.00 for each wireless facility at a location to provide for removal of abandoned or improperly maintained facilities, repair and restore the public right-of-way, and recoup rates or fees that have not been paid within 12 months of when they were due. The city may not require the bond to be cash unless the wireless provider has failed to obtain or maintain a required bond in a form other than cash or the surety has defaulted or failed to perform on a bond given on behalf of the wireless provider.

Sec. 30.5-55. - Fees.

Application, review, inspection, and recurring annual rates or fees shall be payable to the city in amounts established by city council resolution.

Sec. 30.5-56. -Shot Clock Appendix.

The attached Shot Clock Appendix containing MCL 460.1315, 47 CFR 1.6003, and 47 CFR 1.40001 is part of this article.

Sec. 30.5-57. - Violations.

A violation of any section in this article or permit condition shall be a municipal civil infraction. Nothing in this section shall be construed to limit the remedies available to the city under a permit or otherwise by law for such violations.

Section 2 of Ordinance. Repealer.

All Ordinances or parts of Ordinances in conflict herewith are hereby repealed only to the extent necessary to give this Ordinance full force and effect, and the City of Farmington Code of Ordinances shall remain in full force and effect, amended only as specified above.

Section 3 of Ordinance. Savings.

All proceedings pending and all rights and liabilities existing, acquired, or incurred at the time this Ordinance takes effect are saved and may be consummated according to the law in force when they were commenced.

Section 4 of Ordinance. Severability.

If any section, clause or provision of this Ordinance shall be declared to be unconstitutional, void, illegal or ineffective by any Court of competent jurisdiction, such section, clause or provision declared to be unconstitutional, void or illegal shall thereby cease to be a part of this Ordinance, but the remainder of this Ordinance shall stand and be in full force and effect.

Section 5 of Ordinance. Effective Date.

The provisions of this Ordinance are hereby ordered to take effect on the date provided by applicable law following publication.

Section 6 of Ordinance. Enactment.

This Ordinance is declared to have been enacted by the City Council of the City of Farmington at a meeting called and held on the ____ day of _____, 2019, and ordered to be given publication in the manner prescribed by law.

- AYES:
- NAYES:
- ABSTENTIONS:
- ABSENT:

STATE OF MICHIGAN)
)ss
COUNTY OF OAKLAND)

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 _____, 2019, the original of which is on file in my office.

MARY MULLISON, City Clerk
City of Farmington

- Introduced:
- Adopted:
- Effective:
- Published:

SHOT CLOCK APPENDIX TO WIRELESS FACILITIES IN RIGHT-OF-WAY ORDINANCE

As provided in Section 29.5-87, this Shot Clock Appendix is a part of Article IV, Wireless Facilities in Right-of-Way, in Chapter 29.5, Telecommunications, of the City Code, and contains the state statute and federal regulations referred to in Sections 29.5-78, 29.5-79, 29.5-80, 29.5-81, and 29.5-82 of the Code. "Shot Clock" is a reference to a time deadline established by law for action on a permit request.

SHOT CLOCK PROVISIONS FROM MCL 460.1315.

[Subsections (2)(a)-(c), (f), (g), and (i)-(o), and (3) - (8) are not shot clock provisions and are omitted.]

- (1) This section applies to activities of a wireless provider within the public right-of-way.
- (2) Except as otherwise provided in subsection (5), an authority may require a permit to colocate a small cell wireless facility or install, modify, or replace a utility pole on which a small cell wireless facility will be colocated if the permit is of general applicability. The processing of an application for such a permit is subject to all of the following:
 - (d) Within 25 days after receiving an application, an authority shall notify the applicant in writing whether the application is complete. If the application is incomplete, the notice shall clearly and specifically delineate all missing documents or information. The notice tolls the running of the time for approving or denying an application under subdivision (h).
 - (e) The running of time period tolled under subdivision (d) resumes when the applicant makes a supplemental submission in response to the authority's notice of incompleteness. If a supplemental submission is inadequate, the authority shall notify the applicant in writing not later than 10 days after receiving the supplemental submission that the supplemental submission did not provide the information identified in the original notice delineating missing documents or information. The time period may be tolled in the case of second or subsequent notices under the procedures identified in subdivision (d). Second or subsequent notices of incompleteness may not specify missing documents or information that was not delineated in the original notice of incompleteness.
 - (h) The authority shall approve or deny the application and notify the applicant in writing within the following period of time after the application is received:
 - (i) For an application for the collocation of small cell wireless facilities on a utility pole, 60 days, subject to the following adjustments:
 - (A) Add 15 days if an application from another wireless provider was received within 1 week of the application in question.
 - (B) Add 15 days if, before the otherwise applicable 60-day or 75-day time period under this subparagraph elapses, the authority notifies the applicant in writing that an extension is needed and the reasons for the extension.
 - (ii) For an application for a new or replacement utility pole that meets the height requirements of section 13(5)(a) and associated small cell facility, 90 days, subject to the following adjustments:
 - (A) Add 15 days if an application from another wireless provider was received within 1 week of the application in question.

- (B) Add 15 days if, before the otherwise applicable 90-day or 105-day time period under this subparagraph elapses, the authority notifies the applicant in writing that an extension is needed and the reasons for the extension.

If the authority fails to comply with this subdivision, the completed application is considered to be approved subject to the condition that the applicant provide the authority not less than 7 days' advance written notice that the applicant will be proceeding with the work pursuant to this automatic approval.

47 CFR 1.6003 REASONABLE PERIODS OF TIME TO ACT ON SITING APPLICATIONS.

- (a) Timely action required. A siting authority that fails to act on a siting application on or before the shot clock date for the application, as defined in paragraph (e) of this section, is presumed not to have acted within a reasonable period of time.
- (b) Shot clock period. The shot clock period for a siting application is the sum of—
 - (1) The number of days of the presumptively reasonable period of time for the pertinent type of application, pursuant to paragraph (c) of this section; plus
 - (2) The number of days of the tolling period, if any, pursuant to paragraph (d) of this section.
- (c) Presumptively reasonable periods of time—
 - (1) Review periods for individual applications. The following are the presumptively reasonable periods of time for action on applications seeking authorization for deployments in the categories set forth in paragraphs (c)(1)(i) through (iv) of this section:
 - (i) Review of an application to collocate a Small Wireless Facility using an existing structure: 60 days.
 - (ii) Review of an application to collocate a facility other than a Small Wireless Facility using an existing structure: 90 days.
 - (iii) Review of an application to deploy a Small Wireless Facility using a new structure: 90 days.
 - (iv) Review of an application to deploy a facility other than a Small Wireless Facility using a new structure: 150 days.
 - (2) Batching.
 - (i) If a single application seeks authorization for multiple deployments, all of which fall within a category set forth in either paragraph (c)(1)(i) or (iii) of this section, then the presumptively reasonable period of time for the application as a whole is equal to that for a single deployment within that category.
 - (ii) If a single application seeks authorization for multiple deployments, the components of which are a mix of deployments that fall within paragraph (c)(1)(i) of this section and deployments that fall within paragraph (c)(1)(iii) of this section, then the presumptively reasonable period of time for the application as a whole is 90 days.
 - (iii) Siting authorities may not refuse to accept applications under paragraphs (c)(2)(i) and (ii) of this section.

(d) Tolling period. Unless a written agreement between the applicant and the siting authority provides otherwise, the tolling period for an application (if any) is as set forth in paragraphs (d)(1) through (3) of this section.

(1) For an initial application to deploy Small Wireless Facilities, if the siting authority notifies the applicant on or before the 10th day after submission that the application is materially incomplete, and clearly and specifically identifies the missing documents or information and the specific rule or regulation creating the obligation to submit such documents or information, the shot clock date calculation shall restart at zero on the date on which the applicant submits all the documents and information identified by the siting authority to render the application complete.

(2) For all other initial applications, the tolling period shall be the number of days from—

(i) The day after the date when the siting authority notifies the applicant in writing that the application is materially incomplete and clearly and specifically identifies the missing documents or information that the applicant must submit to render the application complete and the specific rule or regulation creating this obligation; until

(ii) The date when the applicant submits all the documents and information identified by the siting authority to render the application complete;

(iii) But only if the notice pursuant to paragraph (d)(2)(i) of this section is effectuated on or before the 30th day after the date when the application was submitted; or

(3) For resubmitted applications following a notice of deficiency, the tolling period shall be the number of days from—

(i) The day after the date when the siting authority notifies the applicant in writing that the applicant's supplemental submission was not sufficient to render the application complete and clearly and specifically identifies the missing documents or information that need to be submitted based on the siting authority's original request under paragraph (d)(1) or (2) of this section; until

(ii) The date when the applicant submits all the documents and information identified by the siting authority to render the application complete;

(iii) But only if the notice pursuant to paragraph (d)(3)(i) of this section is effectuated on or before the 10th day after the date when the applicant makes a supplemental submission in response to the siting authority's request under paragraph (d)(1) or (2) of this section.

(e) Shot clock date. The shot clock date for a siting application is determined by counting forward, beginning on the day after the date when the application was submitted, by the number of calendar days of the shot clock period identified pursuant to paragraph (b) of this section and including any pre-application period asserted by the siting authority; provided, that if the date calculated in this manner is a "holiday" as defined in § 1.4(e)(1) or a legal holiday within the relevant State or local jurisdiction, the shot clock date is the next business day after such date. The term "business day" means any day as defined in § 1.4(e)(2) and any day that is not a legal holiday as defined by the State or local jurisdiction.

SHOT CLOCK PROVISIONS FROM 47 CFR 1.6100

[Subsections (a) and (b) are not shot clock provisions and are omitted.]

(c) Review of applications. A State or local government may not deny and shall approve any eligible facilities request for modification of an eligible support structure that does not substantially change the physical dimensions of such structure.

(1) Documentation requirement for review. When an applicant asserts in writing that a request for modification is covered by this section, a State or local government may require the applicant to provide documentation or information only to the extent reasonably related to determining whether the request meets the requirements of this section. A State or local government may not require an applicant to submit any other documentation, including but not limited to documentation intended to illustrate the need for such wireless facilities or to justify the business decision to modify such wireless facilities.

(2) Timeframe for review. Within 60 days of the date on which an applicant submits a request seeking approval under this section, the State or local government shall approve the application unless it determines that the application is not covered by this section.

(3) Tolling of the timeframe for review. The 60-day period begins to run when the application is filed, and may be tolled only by mutual agreement or in cases where the reviewing State or local government determines that the application is incomplete. The timeframe for review is not tolled by a moratorium on the review of applications.

(i) To toll the timeframe for incompleteness, the reviewing State or local government must provide written notice to the applicant within 30 days of receipt of the application, clearly and specifically delineating all missing documents or information. Such delineated information is limited to documents or information meeting the standard under paragraph (c)(1) of this section.

(ii) The timeframe for review begins running again when the applicant makes a supplemental submission in response to the State or local government's notice of incompleteness.

(iii) Following a supplemental submission, the State or local government will have 10 days to notify the applicant that the supplemental submission did not provide the information identified in the original notice delineating missing information. The timeframe is tolled in the case of second or subsequent notices pursuant to the procedures identified in this paragraph (c)(3). Second or subsequent notices of incompleteness may not specify missing documents or information that were not delineated in the original notice of incompleteness.

(4) Failure to act. In the event the reviewing State or local government fails to approve or deny a request seeking approval under this section within the timeframe for review (accounting for any tolling), the request shall be deemed granted. The deemed grant does not become effective until the applicant notifies the applicable reviewing authority in writing after the review period has expired (accounting for any tolling) that the application has been deemed granted.

Farmington City Council Staff Report	Council Meeting Date: March 18, 2019	Item Number 7F
Submitted by: David Murphy		
Agenda Topic: Introduction of a proposed ordinance to amend the City of Farmington Code of Ordinances Chapter 28, Streets, Sidewalks and Other Public Places, Article 1, In General, to amend and add definitions and amend and add requirements for placement and permitting of structures, equipment, facilities, and other installations in streets.		
Proposed Motion: <ol style="list-style-type: none"> 1. Move to approve Introduction of an ordinance to amend the City of Farmington Code of Ordinances Chapter 28, "Streets, Sidewalks and Other Public Places," Article 1, "In General," to amend and add definitions and amend and add requirements for placement and permitting of structures, equipment, facilities, and other installations in streets. 2. Move to deny Introduction of an ordinance to amend the City of Farmington Code of Ordinances Chapter 28, "Streets, Sidewalks and Other Public Places," Article 1, "In General," to amend and add definitions and amend and add requirements for placement and permitting of structures, equipment, facilities, and other installations in streets. 		
Background: This is a "companion" ordinance to the proposed amendment to Chapter 30.5, Telecommunications, dealing with wireless communications facilities. It adds terms relating to the proposed ordinance and confirms that the City's requirements for obtaining a permit to work in City rights-of-way will apply to such facilities.		
Materials: Proposed ordinance		

**CITY OF FARMINGTON
OAKLAND COUNTY, MICHIGAN**

ORDINANCE NO. _____

AN ORDINANCE TO AMEND THE CITY OF FARMINGTON CODE OF ORDINANCES CHAPTER 28, "STREETS, SIDEWALKS AND OTHER PUBLIC PLACES," ARTICLE 1, "IN GENERAL," TO AMEND AND ADD DEFINITIONS AND AMEND AND ADD REQUIREMENTS FOR PLACEMENT AND PERMITTING OF STRUCTURES, EQUIPMENT, FACILITIES, AND OTHER INSTALLATIONS IN STREETS.

THE CITY OF FARMINGTON ORDAINS:

Section 1 of Ordinance.

That the Farmington City Code, Chapter 28, Streets, Sidewalks and Other Public Places, Article 1, In General, Section 28-1, is amended to read as follows:

Sec. 28-1. – Permit required.

(a) No person shall place any article, thing, or obstruction in any public right-of-way except under the conditions and in a manner permitted by this article. Further, it shall be unlawful for any person to make any excavation in, or to conduct any construction and/or maintenance activities within, over or below any public right-of-way, street, highway, alley, parkway, sidewalk bikepath, park, easement or other public place under the jurisdiction of the City of Farmington, or which is the location of improvements or infrastructure owned by the City of Farmington, without first having obtained a written permit therefore from the city manager or his or her designee. In those instances where emergency circumstances require immediate action, the city manager may grant verbal permission, provided that a written application shall be submitted within forty-eight (48) hours.

(b) The prohibitions contained within subsection (a) shall not apply to work performed by the City of Farmington, or to de minimis activities such as the cutting of grass, the removal of snow, the installation of a water sprinkling system for use with a single-family residential dwelling, the expeditious moving of articles or things to and from abutting properties, the lawful parking of vehicles as authorized by this Code, the planting of landscaping or other installations as authorized by this Code, or as otherwise specifically excepted under this chapter.

(c) The city manager is authorized to establish and promulgate reasonable rules and regulations for construction and/or maintenance within, over or below any street, highway, alley, parkway, sidewalk, bikepath, park or other public place under the jurisdiction of the City of Farmington. Such rules and regulation, when established, shall be published in a newspaper of general circulation within the city at least thirty (30) days prior to their proposed effective date.

Section 2 of Ordinance.

That the Farmington City Code, Chapter 28, Streets, Sidewalks and Other Public Places, Article 1, In General, Section 28-2, is amended to read as follows:

Sec. 28-2. – Definitions.

Public right-of-way shall mean the area on, below, or above a public roadway, highway, street, alley, easement, or waterway. Public right-of-way does not include a federal, state, or private right-of-way. For purposes of telecommunication facilities, public right-of-way is defined in section 30.5-23 of the Code, and for purposes of wireless facilities, public right-of-way is defined in section 30.5-41 of the Code.

Section 3 of Ordinance.

That the Farmington City Code, Chapter 28, Streets, Sidewalks and Other Public Places, Article 1, In General, Section 28-3, is amended to add new subsections (g) and (h) to read as follows:

Sec. 28-3. – Application; review; bond.

(a) – (f) [Unchanged]

(g) For purposes of subsection (a), the following right-of-way permits are authorized and required to be applied for and issued under this article prior to any construction in a public right-of-way:

- (1) To construct telecommunication facilities in a public right-of-way that has been approved for access and use by a city permit under Article II in Chapter 30.5 of the Code.
- (2) To construct, operate, use and maintain wireless facilities in a public right-of-way issued under this article as provided in Article III in Chapter 30.5 of the Code.

(h) A permit by the city under this article may be required even if the street or public right-of-way is under the control or jurisdiction of the county, state, or federal government.

Section 4 of Ordinance.

That the Farmington City Code, Chapter 28, Streets, Sidewalks and Other Public Places, Article 1, In General, Section 28-4, is amended to add new subsection (d) to read as follows:

Sec. 28-4. - Standards for the installation of facilities in the road rights-of-way or in private easements.

(a) – (c) [Unchanged]

(d) Utility poles and attachments to them may be placed in streets or public right-of-way by a public utility with a franchise right to do so, and as allowed by a right-of-way permit to

construct, operate, use, and maintain wireless facilities under this article and Article III in Chapter 30.5 of the Code. Subject to what is allowed by any such franchise or permit, utility poles and attachments shall be as the Director of Public Services shall prescribe and shall be located thereon in accordance with the directions of the director. Such poles shall be removed or relocated as the director shall from time to time direct, subject to any restrictions under the franchise or permit.

Section 5 of Ordinance. Repealer.

All Ordinances or parts of Ordinances in conflict herewith are hereby repealed only to the extent necessary to give this Ordinance full force and effect, and the City of Farmington Code of Ordinances shall remain in full force and effect, amended only as specified above.

Section 6 of Ordinance. Savings.

All proceedings pending and all rights and liabilities existing, acquired, or incurred at the time this Ordinance takes effect are saved and may be consummated according to the law in force when they were commenced.

Section 7 of Ordinance. Severability.

If any section, clause or provision of this Ordinance shall be declared to be unconstitutional, void, illegal or ineffective by any Court of competent jurisdiction, such section, clause or provision declared to be unconstitutional, void or illegal shall thereby cease to be a part of this Ordinance, but the remainder of this Ordinance shall stand and be in full force and effect.

Section 8 of Ordinance. Effective Date.

The provisions of this Ordinance are hereby ordered to take effect on the date provided by applicable law following publication.

Section 9 of Ordinance. Enactment.

This Ordinance is declared to have been enacted by the City Council of the City of Farmington at a meeting called and held on the ____ day of _____, 2019, and ordered to be given publication in the manner prescribed by law.

AYES:
NAYES:
ABSTENTIONS:
ABSENT:

STATE OF MICHIGAN)
)ss
COUNTY OF OAKLAND)

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 _____, 2019, the original of which is on file in my office.

MARY MULLISON, City Clerk
City of Farmington

Introduced:
Adopted:
Effective:
Published:

**CITY OF FARMINGTON
OAKLAND COUNTY, MICHIGAN**

ORDINANCE NO. _____

AN ORDINANCE TO AMEND THE CITY OF FARMINGTON CODE OF ORDINANCES CHAPTER 28, "STREETS, SIDEWALKS AND OTHER PUBLIC PLACES," ARTICLE 1, "IN GENERAL," TO AMEND AND ADD DEFINITIONS AND AMEND AND ADD REQUIREMENTS FOR PLACEMENT AND PERMITTING OF STRUCTURES, EQUIPMENT, FACILITIES, AND OTHER INSTALLATIONS IN STREETS.

THE CITY OF FARMINGTON ORDAINS:

Section 1 of Ordinance.

That the Farmington City Code, Chapter 28, Streets, Sidewalks and Other Public Places, Article 1, In General, Section 28-1, is amended to read as follows:

Sec. 28-1. – Permit required.

(a) No person shall place any article, thing, or obstruction in any public right-of-way except under the conditions and in a manner permitted by this article. Further, it shall be unlawful for any person to make any excavation in, or to conduct any construction and/or maintenance activities within, over or below any public right-of-way, street, highway, alley, parkway, sidewalk bikepath, park, easement or other public place under the jurisdiction of the City of Farmington, or which is the location of improvements or infrastructure owned by the City of Farmington, without first having obtained a written permit therefore from the city manager or his or her designee. In those instances where emergency circumstances require immediate action, the city manager may grant verbal permission, provided that a written application shall be submitted within forty-eight (48) hours.

(b) The prohibitions contained within subsection (a) shall not apply to work performed by the City of Farmington, or to de minimis activities such as the cutting of grass, ~~or~~ the removal of snow, ~~or~~ the installation of a water sprinkling system for use with a single-family residential dwelling, the expeditious moving of articles or things to and from abutting properties, the lawful parking of vehicles as authorized by this Code, the planting of landscaping or other installations as authorized by this Code, or as otherwise specifically excepted under this chapter.

(c) The city manager is authorized to establish and promulgate reasonable rules and regulations for construction and/or maintenance within, over or below any street, highway, alley, parkway, sidewalk, bikepath, park or other public place under the jurisdiction of the City of Farmington. Such rules and regulation, when established, shall be published in a newspaper of general circulation within the city at least thirty (30) days prior to their proposed effective date.

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Section 3 of Ordinance.

That the Farmington City Code, Chapter 28, Streets, Sidewalks and Other Public Places, Article 1, In General, Section 28-3, is amended to add new subsections (g) and (h) to read as follows:

Sec. 28-3. – Application; review; bond.

(a) – (f) [Unchanged]

(g) [For purposes of subsection \(a\), the following right-of-way permits are authorized and required to be applied for and issued under this article prior to any construction in a public right-of-way:](#)

[\(1\) To construct telecommunication facilities in a public right-of-way that has been approved for access and use by a city permit under Article II in Chapter 30.5 of the Code.](#)

[\(2\) To construct, operate, use and maintain wireless facilities in a public right-of-way issued under this article as provided in Article III in Chapter 30.5 of the Code.](#)

[\(h\) A permit by the city under this article may be required even if the street or public right-of-way is under the control or jurisdiction of the county, state, or federal government.](#)

Section 4 of Ordinance.

That the Farmington City Code, Chapter 28, Streets, Sidewalks and Other Public Places, Article 1, In General, Section 28-4, is amended to add new subsection (d) to read as follows:

Sec. 28-4. - Standards for the installation of facilities in the road rights-of-way or in private easements.

(a) – (c) [Unchanged]

[\(d\) Utility poles and attachments to them may be placed in streets or public right-of-way by a public utility with a franchise right to do so, and as allowed by a right-of-way permit to](#)

construct, operate, use, and maintain wireless facilities under this article and Article III in Chapter 30.5 of the Code. Subject to what is allowed by any such franchise or permit, utility poles and attachments shall be as the Director of Public Services shall prescribe and shall be located thereon in accordance with the directions of the director. Such poles shall be removed or relocated as the director shall from time to time direct, subject to any restrictions under the franchise or permit.

Section 5 of Ordinance. Repealer.

All Ordinances or parts of Ordinances in conflict herewith are hereby repealed only to the extent necessary to give this Ordinance full force and effect, and the City of Farmington Code of Ordinances shall remain in full force and effect, amended only as specified above.

Section 6 of Ordinance. Savings.

All proceedings pending and all rights and liabilities existing, acquired, or incurred at the time this Ordinance takes effect are saved and may be consummated according to the law in force when they were commenced.

Section 7 of Ordinance. Severability.

If any section, clause or provision of this Ordinance shall be declared to be unconstitutional, void, illegal or ineffective by any Court of competent jurisdiction, such section, clause or provision declared to be unconstitutional, void or illegal shall thereby cease to be a part of this Ordinance, but the remainder of this Ordinance shall stand and be in full force and effect.

Section 8 of Ordinance. Effective Date.

The provisions of this Ordinance are hereby ordered to take effect on the date provided by applicable law following publication.

Section 9 of Ordinance. Enactment.

This Ordinance is declared to have been enacted by the City Council of the City of Farmington at a meeting called and held on the ____ day of _____, 2019, and ordered to be given publication in the manner prescribed by law.

AYES:

NAYES:

ABSTENTIONS:

ABSENT:

STATE OF MICHIGAN)
)ss
COUNTY OF OAKLAND)

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 _____, 2019, the original of which is on file in my office.

MARY MULLISON, City Clerk
City of Farmington

Introduced:
Adopted:
Effective:
Published: