

**CITY OF OWOSSO
REGULAR MEETING OF THE CITY COUNCIL
MONDAY, MARCH 04, 2019
7:30 P.M.**

**Meeting to be held at City Hall
301 West Main Street**

AGENDA

OPENING PRAYER:

PLEDGE OF ALLEGIANCE:

ROLL CALL:

APPROVAL OF THE AGENDA:

APPROVAL OF THE MINUTES OF REGULAR MEETING OF FEBRUARY 19, 2019: 

ADDRESSING THE CITY COUNCIL

1. Your comments shall be made during times set aside for that purpose.
2. Stand or raise a hand to indicate that you wish to speak.
3. When recognized, give your name and address and direct your comments and/or questions to any City official in attendance.
4. Each person wishing to address the City Council and/or attending officials shall be afforded one opportunity of up to four (4) minutes duration during the first occasion for citizen comments and questions. Each person shall also be afforded one opportunity of up to three (3) minutes duration during the last occasion provided for citizen comments and questions and one opportunity of up to three (3) minutes duration during each public hearing. Comments made during public hearings shall be relevant to the subject for which the public hearings are held.
5. In addition to the opportunities described above, a citizen may respond to questions posed to him or her by the Mayor or members of the Council, provided members have been granted the floor to pose such questions.

PROCLAMATIONS / SPECIAL PRESENTATIONS

None.

PUBLIC HEARINGS

None.

CITIZEN COMMENTS AND QUESTIONS

CITY MANAGER REPORT

1. Project Status Report. (to be delivered at the meeting)

CONSENT AGENDA

1. First Reading & Set Public Hearing – Ordinance Amendment A - Chapter 38, Zoning. Conduct first reading and set a public hearing for Monday, March 18, 2019 to receive citizen comment on the proposed amendments to sections: Section 38-197, 38-217, 38-242, 38-267, and 38-292 of Chapter 38, Zoning, setting buffer zone requirements for medical marihuana businesses.

2. First Reading & Set Public Hearing – Ordinance Amendment B - Chapter 38, Zoning. Conduct first reading and set a public hearing for Monday, March 18, 2019 to receive citizen comment on the proposed amendments to sections: Section 38-292, 38-312, 38-393 and 38-389 of Chapter 38, Zoning, establishing requirements for industrial outdoor storage screening.
3. Special Assessment District No. 2019-01 – Abrey Street. Authorize Resolution No. 4 setting a public hearing for Monday, March 18, 2019 to receive citizen comment regarding Special Assessment District No. 2019-01 for Abrey Street, from Melinda Avenue to Allendale Avenue for resurfacing.
4. Special Assessment District No. 2019-02 – Allendale Avenue. Authorize Resolution No. 4 setting a public hearing for Monday, March 18, 2019 to receive citizen comment regarding Special Assessment District No. 2019-02 for Allendale Avenue, from Gould Street to the east City limits for resurfacing.
5. Special Assessment District No. 2019-07 – Monroe Street. Authorize Resolution No. 4 setting a public hearing for Monday, March 18, 2019 to receive citizen comment regarding Special Assessment District No. 2019-07 for Monroe Street, from McMillan Avenue to the east City limits for resurfacing.
6. Special Assessment District No. 2019-08 – North Street. Authorize Resolution No. 4 setting a public hearing for Monday, March 18, 2019 to receive citizen comment regarding Special Assessment District No. 2019-08 for North Street, from the west City limits to Chipman Street for resurfacing.
7. Contract Amendment – South Washington Street Reconstruction Project Engineering Services Contract. Approve Amendment No. 2 to the contract with Eng., Inc. for engineering services for the South Washington Street Reconstruction Project for additional engineering services to change the scope of work to include full reconstruction of the street from Gute Street to Stewart Street in the amount of \$8,535.00.
8. Bid Award – 2019 Street Resurfacing Program – Contract No. 1. Approve bid award to Joe Raica Excavating, Inc. for Contract No. 1 of the 2019 Street Resurfacing Program in the amount of \$861,638.00, authorize a contingency fund of \$50,000.00 for field adjustments, and further authorize payment to the contractor upon satisfactory completion of the project or a portion thereof.

ITEMS OF BUSINESS

1. Utilities Easement Establishment. Consider establishing a water utilities easement along the northern edge of City-owned property commonly known as 815 Division Street.
2. Capital Improvement Plan Adoption. Consider adoption of the 2019-2025 Capital Improvement Plan as adopted and recommended by the Planning Commission.
3. Adoption of 2019-20 City Council Goals. Consider formal adoption of the goals set during the Council workshop conducted January 29, 2019.
4. Closed Session. Consider holding closed session after the last session of Citizen Comments and Questions for the purpose of discussing collective bargaining negotiations.

COMMUNICATIONS

1. Katherine Fagan, City Treasurer. Correction to summer tax bill for parcel 050-580-000-007-00.
2. Amy E. Cyphert, Assistant City Manager. 2018 Planning Commission Annual Report.
3. Downtown Historic District Commission. Minutes of June 13, 2018.

CITIZEN COMMENTS AND QUESTIONS

CLOSED SESSION (if approved)

NEXT MEETING

Monday, March 18, 2019

BOARDS AND COMMISSIONS OPENINGS

Building Board of Appeals – Alternate - term expires June 30, 2019
Building Board of Appeals – Alternate - term expires June 30, 2021
Brownfield Redevelopment Authority – term expires June 30, 2022
Historical Commission – term expires December 31, 2020
Historical Commission – 2 terms expire December 31, 2021
Parks & Recreation Commission – term expires June 30, 2019
Zoning Board of Appeals - Alternate – term expires June 30, 2021

ADJOURNMENT

The City of Owosso will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audio recordings of printed materials being considered at the meeting, to individuals with disabilities at the meeting/hearing upon seventy-two (72) hours notice to the City of Owosso. Individuals with disabilities requiring auxiliary aids or services should contact the City of Owosso by writing, calling, or emailing the following: Owosso City Clerk's Office, 301 West Main Street, Owosso, MI 48867; Phone: (989) 725-0500; Email: city.clerk@ci.owosso.mi.us. The City of Owosso Website address is www.ci.owosso.mi.us.



MEMORANDUM

301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

DATE: March 4, 2019

TO: Mayor Eveleth and Owosso City Council members

FROM: Amy Cyphert, Assistant City Manager & Community Development Director

SUBJECT: Medical Marihuana Regulations Amendments

RECOMMENDATION:

The Planning Commission recommends setting a public hearing for March 18, 2019 to receive citizen comment regarding the adoption of amendments to the City's existing Medical Marihuana Facilities zoning ordinances.

BACKGROUND:

A public hearing was held by the Planning Commission on Monday, February 25, 2019 at its regularly scheduled meeting to receive citizen comment regarding draft ordinance language to amend the buffer zone requirements for Medical Marihuana Facilities.

One public comment was made questioning when the lottery would be scheduled.

Once the amendments are adopted, Council will be responsible for setting a 30 day window to receive applications for provisioning centers. Staff will do a lottery drawing for these specific applications after the 30 day window is closed, recording the names of all applicants in the order they are drawn.

FISCAL IMPACTS: None

Document originated by: Amy Cyphert, Assistant City Manager & Community Development Director

Attachment:
Amendments of the Zoning Ordinance

RESOLUTION NO.

**AUTHORIZING SETTING A PUBLIC HEARING TO
AMEND VARIOUS SECTIONS OF CHAPTER 38, ZONING,
OF THE CODE OF THE CITY OF OWOSSO
AMENDING BUFFER ZONE REQUIREMENTS
FOR MEDICAL MARIHUANA RELATED FACILITIES**

WHEREAS, Section 205 of PA 281 of 2016 (MCL 333.27205) provides that “[a] marihuana facility shall not operate in a municipality unless the municipality has adopted an ordinance that authorizes that type of facility”; and

WHEREAS, Section 205 of PA 281 of 2016 further provides that “[a] municipality may adopt other ordinances relating to marihuana facilities within its jurisdiction, including zoning regulations...”; and

WHEREAS, City Council adopted Ordinance No. 793 to add Chapter 16.5, Medical Marihuana Facilities Licensing-police Power Ordinance, and amend various sections of Chapter 38, Zoning, of the Code of the City of Owosso to authorize and regulate medical marihuana related facilities on July 2, 2018;

WHEREAS, the Owosso Planning Commission has met, discussed and authored amendments to the buffer zone requirements for medical marihuana facilities; and

WHEREAS, the Planning Commission held a public hearing on February 25, 2019 at its regularly scheduled meeting regarding the proposal to amend various sections of Chapter 38, Zoning, in which one citizen comment was received; and

WHEREAS, the Planning Commission further recommends adoption of the following amendments to the Zoning Ordinance for medical marihuana related facilities; and

WHEREAS, the City Council is required to hold a public hearing to receive citizen comment regarding any and all proposed ordinance amendments.

NOW, THEREFORE, BE IT RESOLVED, THAT THE CITY OF OWOSSO ORDAINS THAT:

SECTION 1. AMENDMENT. That Section 38-197, Principal uses permitted, of Chapter 38, Zoning, Article IX, *B-1 Local Business District* of the Code of Ordinances is hereby amended to read:

Sec. 38-197. - Principal uses permitted. (B-1, Local Business District)

In a B-1 district, no building or land shall be used and no building shall be erected except for one (1) or more of the following specified uses unless otherwise provided in this chapter:

- (11) A marihuana provisioning center as authorized by the city of Owosso’s Medical Marihuana Facilities Licensing - Police Power Ordinance, Chapter 16.5.

- a. Provisioning centers shall be subject to the following standards:

6. Buffer Zones. A provisioning center may not be located within the distance specified from the uses below as determined by the city of Owosso. Distance shall be measured as stipulated in the Michigan Liquor Control Act. ~~as follows: The distance between the school building and the contemplated location must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the part of the school building nearest to the~~

~~contemplated location and from the part of the contemplated location nearest to the school building.~~

- i. A provisioning center may not be located within 200 feet of the real property comprising or used by a public or private elementary, vocational, or secondary school. **The distance between the school building and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the part of the school building nearest to the provisioning center and from the part of the provisioning center nearest to the school building.**
- ii. A provisioning center may not be located within 100 feet of a residentially zoned ~~property~~-structure. **The distance between the residential zoned structure and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the part of the residentially zoned structure nearest to the provisioning center and from the part of the provisioning center nearest to the residentially zoned structure.**
- iii. A provisioning center may not be located within 100 feet of a vacant residentially zoned parcel. The distance between the residential zoned vacant parcel and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the intersection of the minimum front or rear yard and side yard setback requirement nearest to the provisioning center and from the part of the provisioning center nearest to the intersection of the minimum front or rear yard and side yard setback requirement.
- ii.iv. **No parcel containing a medical marijuana provisioning center shall be located within 100 feet of a parcel on which another medical marijuana provisioning center is located. The distance between two medical marijuana provisioning centers must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the nearest part of each provisioning center to the other provisioning center.**

SECTION 2. AMENDMENT. That Section 38-217, Principal uses permitted, of Chapter 38, Zoning, Article X, *B-2 Planned Shopping Center District*, of the Code of Ordinances is hereby amended to read:

Sec. 38-217. - Principal uses permitted. (B-2, Planned Shopping Center District)

In a B-2 district, no building or land shall be used and no building shall be erected except for one (1) or more of the following specified uses unless otherwise provided in this chapter:

- (4) A marihuana provisioning center as authorized by the city of Owosso's Medical Marihuana Facilities Licensing - Police Power authorizing ordinance.

a. Provisioning centers shall be subject to the following standards:

6. Buffer Zones. A provisioning center may not be located within the distance specified from the uses below as determined by the city of Owosso. Distance shall be measured as stipulated in the Michigan Liquor Control Act. ~~as follows: The distance between the school building and the contemplated location must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the part of the school building nearest to the contemplated location and from the part of the contemplated location nearest to the school building.~~
- i. A provisioning center may not be located within 200 feet of the real property comprising or used by a public or private elementary, vocational, or secondary school. **The distance between the school building and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the part of the school building nearest to the provisioning center and from the part of the provisioning center nearest to the school building.**
 - ii. A provisioning center may not be located within 100 feet of a residentially zoned ~~property~~ structure. **The distance between the residential zoned structure and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the part of the residentially zoned structure nearest to the provisioning center and from the part of the provisioning center nearest to the residentially zoned structure.**
 - iii. A provisioning center may not be located within 100 feet of a vacant residentially zoned parcel. **The distance between the residential zoned vacant parcel and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the intersection of the minimum front or rear yard and side yard setback requirement nearest to the provisioning center and from the part of the provisioning center nearest to the intersection of the minimum front or rear yard and side yard setback requirement.**
 - iv. **No parcel containing a medical marijuana provisioning center shall be located within 100 feet of a parcel on which another medical marijuana provisioning center is located. The distance between two medical marijuana provisioning centers must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the nearest part of each provisioning center to the other provisioning center.**

SECTION 3. AMENDMENT. That Section 38-242, Principal uses permitted, of Chapter 38, Zoning, Article IX, *B-3 Central Business District* of the Code of Ordinances is hereby amended to read:

Sec. 38-242. - Principal uses permitted. (B-3, Central Business District)

In a B-3 district, no building or land shall be used and no building shall be erected except for one (1) or more of the following specified uses unless otherwise provided in this chapter:

- (9) A marihuana provisioning center as authorized by the city of Owosso's Medical Marihuana Facilities Licensing - Police Power authorizing ordinance.

a. Provisioning centers shall be subject to the following standards:

6. Buffer Zones. A provisioning center may not be located within the distance specified from the uses below as determined by the city of Owosso. Distance shall be measured as stipulated in the Michigan Liquor Control Act. ~~as follows: The distance between the school building and the contemplated location must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the part of the school building nearest to the contemplated location and from the part of the contemplated location nearest to the school building.~~
- i. A provisioning center may not be located within 200 feet of the real property comprising or used by a public or private elementary, vocational, or secondary school. ~~The distance between the school building and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the part of the school building nearest to the provisioning center and from the part of the provisioning center nearest to the school building.~~
- ii. A provisioning center may not be located within 100 feet of a residentially zoned ~~property~~ structure. ~~The distance between the residential zoned structure and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the part of the residentially zoned structure nearest to the provisioning center and from the part of the provisioning center nearest to the residentially zoned structure.~~
- iii. A provisioning center may not be located within 100 feet of a vacant residentially zoned parcel. ~~The distance between the residential zoned vacant parcel and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the intersection of the minimum front or rear yard and side yard setback requirement nearest to the provisioning center and from the part of the provisioning center nearest to the intersection of the minimum front or rear yard and side yard setback requirement.~~
- iv. No parcel containing a medical marijuana provisioning center shall be located within 100 feet of a parcel on which another medical marijuana provisioning center is located. ~~The distance between two medical marijuana provisioning centers must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the nearest part of each provisioning center to the other provisioning center.~~

SECTION 4. AMENDMENT. That Section 38-267, Principal uses permitted, of Chapter 38, Zoning, Article XII, *B-4 General Business District* of the Code of Ordinances is hereby amended to read:

Sec. 38-267. - Principal uses permitted. (B-4, General Business District)

In a B-4 district, no building or land shall be used and no building shall be erected except for one (1) or more of the following specified uses unless otherwise provided in this chapter:

(10) A marihuana provisioning center as authorized by the city of Owosso's Medical Marihuana Facilities Licensing - Police Power authorizing ordinance.

a. Provisioning centers shall be subject to the following standards:

6. **Buffer Zones.** A provisioning center may not be located within the distance specified from the uses below as determined by the city of Owosso. Distance shall be measured as stipulated in the Michigan Liquor Control Act. ~~as follows: The distance between the school building and the contemplated location must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the part of the school building nearest to the contemplated location and from the part of the contemplated location nearest to the school building.~~
 - i. A provisioning center may not be located within 200 feet of the real property comprising or used by a public or private elementary, vocational, or secondary school. **The distance between the school building and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the part of the school building nearest to the provisioning center and from the part of the provisioning center nearest to the school building.**
 - ii. A provisioning center may not be located within 100 feet of a residentially zoned ~~property~~ **structure**. **The distance between the residential zoned structure and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the part of the residentially zoned structure nearest to the provisioning center and from the part of the provisioning center nearest to the residentially zoned structure.**
 - iii. **A provisioning center may not be located within 100 feet of a vacant residentially zoned parcel. The distance between the residential zoned vacant parcel and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the intersection of the minimum front or rear yard and side yard setback requirement nearest to the provisioning center and from the part of the provisioning center nearest to the intersection of the minimum front or rear yard and side yard setback requirement.**
 - iv. **No parcel containing a medical marijuana provisioning center shall be located within 100 feet of a parcel on which**

another medical marijuana provisioning center is located. The distance between two medical marijuana provisioning centers must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the nearest part of each provisioning centers to the other provisioning center.

SECTION 5. AMENDMENT. That Section 38-292, Principal uses permitted, of Chapter 38, Zoning, Article XIII, *I-1 Light Industrial District*, of the Code of Ordinances is hereby amended to read:

Sec. 38-292. - Principal uses permitted. (I-1, Light Industrial District)

In an I-1 district, no building or land shall be used and no building shall be erected except for one (1) or more of the following specified uses unless otherwise provided in this chapter and subject further to the review and approval of the site plan by the planning commission in accordance with section 38-390:

~~(11) A marihuana provisioning center, grower, processor, safety compliance facility or secure transporter as authorized by the city of Owosso's Medical Marihuana Facilities Licensing - Police Power authorizing ordinance.~~

~~a. Any uses or activities found by the state of Michigan or a court with jurisdiction to be unconstitutional or otherwise not permitted by state law may not be permitted by the city of Owosso. In the event that a court with jurisdiction declares some or this entire article invalid, then the city of Owosso may suspend the acceptance of applications for Medical Marihuana Facilities Licenses pending the resolution of the legal issue in question.~~

~~b. The use or facility must be at all times in compliance with all other applicable laws and ordinances of the city of Owosso and State of Michigan.~~

~~c. The city of Owosso may suspend or revoke a Medical Marihuana Facilities License based on the finding that the provisions of the Medical Marihuana Facilities Licensing Act, all other applicable provisions of this zoning ordinance, the city of Owosso's police power authorizing ordinance, or the approved site plan are not met.~~

~~d. A marihuana facility, or activities associated with the licensed growing, processing, testing, transporting, or sales of marihuana, may not be permitted as a home business or accessory use nor may they include accessory uses except as otherwise provided in this ordinance.~~

~~e. Signage requirements for marihuana facilities, unless otherwise specified, are as provided in Chapter 26 - Signs of the Owosso Code of Ordinances.~~

(11) A marihuana provisioning center as authorized by the city of Owosso's Medical Marihuana Facilities Licensing - Police Power authorizing ordinance.

a. Provisioning centers shall be subject to the following standards:

- 1. Hours.** A provisioning center may only sell to consumers or allow consumers to be present in the building space occupied by the provisioning center between the hours of 8:00 a.m. and 9:00 p.m.
- 2. Indoor Activities.** All activities of a provisioning center, including all transfers of marihuana, shall be conducted within the structure and out of public view. A provisioning center shall not have a walk-up window or drive-thru window service.

3. Other Activities. Marihuana and tobacco products shall not be smoked, ingested, or otherwise consumed in the building space occupied by the provisioning center.
4. Nonconforming Uses. A provisioning center may not locate in a building in which a nonconforming retail use has been established in any district.
5. Physical Appearance. The exterior appearance of the structure shall remain compatible with the exterior appearance of structures already constructed or under construction within the immediate area, and shall be maintained so as to prevent blight or deterioration or substantial diminishment or impairment of property values within the immediate area.
6. Buffer Zones. A provisioning center may not be located within the distance specified from the uses below as determined by the city of Owosso. Distance shall be measured as stipulated in the Michigan Liquor Control Act as follows:
 - i. A provisioning center may not be located within 200 feet of the real property comprising or used by a public or private elementary, vocational, or secondary school. The distance between the school building and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the part of the school building nearest to the provisioning center and from the part of the provisioning center nearest to the school building.
 - ii. A provisioning center may not be located within 100 feet of a residentially zoned structure. The distance between the residential zoned structure and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the part of the residentially zoned structure nearest to the provisioning center and from the part of the provisioning center nearest to the residentially zoned structure.
 - iii. A provisioning center may not be located within 100 feet of a vacant residentially zoned parcel. The distance between the residential zoned vacant parcel and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the intersection of the minimum front or rear yard and side yard setback requirement nearest to the provisioning center and from the part of the provisioning center nearest to the intersection of the minimum front or rear yard and side yard setback requirement.
 - iv. No parcel containing a medical marijuana provisioning center shall be located within 100 feet of a parcel on which another medical marijuana provisioning center is located. The distance between two medical marijuana provisioning centers must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the nearest part of each provisioning centers to the other provisioning center.

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7. **Odor.** As used in this subsection, building means the building, or portion thereof, used for a provisioning center.
- i. The building shall be equipped with an activated carbon filtration system for odor control to ensure that air leaving the building through an exhaust vent first passes through an activated carbon filter.
 - ii. The filtration system shall consist of one or more fans and activated carbon filters. At a minimum, the fan(s) shall be sized for cubic feet per minute (CFM) equivalent to the volume of the building (length multiplied by width multiplied by height) divided by three. The filter(s) shall be rated for the applicable CFM.
 - iii. The filtration system shall be maintained in working order and shall be in use. The filters shall be changed a minimum of once every 365 days.
 - iv. Negative air pressure shall be maintained inside the building.
 - v. Doors and windows shall remain closed, except for the minimum time length needed to allow people to ingress or egress the building.
 - vi. An alternative odor control system is permitted if the special use applicant submits and the municipality accepts a report by a mechanical engineer licensed in the State of Michigan demonstrating that the alternative system will control odor as well or better than the activated carbon filtration system otherwise required. The municipality may hire an outside expert to review the alternative system design and advise as to its comparability and whether in the opinion of the expert it should be accepted.

(12)Marihuana growers-, **processor, safety compliance facility or secure transporter as authorized by the city of Owosso's Medical Marihuana Facilities Licensing - Police Power authorizing ordinance**~~and marihuana processors~~ shall be subject to the following standards:

- a. **Minimum Yard Depth/Distance from Lot Lines.** Minimum yard depth/distance from lot lines shall adhere to measurement requirements as listed in Article XVI. –Schedule of Regulations for each zoning designation as listed.
- b. **Indoor Growing and Processing.** In the I-1 light industrial district, marihuana growing shall be located entirely within a fully enclosed, secure, indoor facility or greenhouse with rigid walls, a roof, and doors. Marihuana processing shall be located entirely within one or more completely enclosed buildings.
- c. **Maximum Building Floor Space.** The following maximum building floor space shall apply in the I-1 light industrial district:
 - 1. If only a portion of a building is authorized for use in marihuana growing or processing, a partition wall at least seven feet in height, or a height as required by the applicable building codes, whichever is greater, shall separate the marihuana growing or processing space from the remainder of the building. A partition wall must include a door, capable of being closed and locked, for ingress and egress between the marihuana growing or processing space and the remainder of the building.
- d. **Lighting.** Lighting shall be regulated as follows:
 - 1. Light cast by light fixtures inside any building used for marihuana growing or marihuana processing shall not be visible outside the building from 7:00 p.m. to 7:00 a.m. the following day.

2. Outdoor marihuana grow lights shall not be illuminated from 7:00 p.m. to 7:00 a.m. the following day.
- e. Odor. As used in this subsection, building means the building, or portion thereof, used for marihuana growing or marihuana processing.
1. The building shall be equipped with an activated carbon filtration system for odor control to ensure that air leaving the building through an exhaust vent first passes through an activated carbon filter.
 2. The filtration system shall consist of one or more fans and activated carbon filters. At a minimum, the fan(s) shall be sized for cubic feet per minute (CFM) equivalent to the volume of the building (length multiplied by width multiplied by height) divided by three. The filter(s) shall be rated for the applicable CFM.
 3. The filtration system shall be maintained in working order and shall be in use. The filters shall be changed a minimum of once every 365 days.
 4. Negative air pressure shall be maintained inside the building.
 5. Doors and windows shall remain closed, except for the minimum length of time needed to allow people to ingress or egress the building.
 6. An alternative odor control system is permitted if the applicant submits and the municipality accepts a report by a mechanical engineer licensed in the state of Michigan demonstrating that the alternative system will control odor as well or better than the activated carbon filtration system otherwise required. The municipality may hire an outside expert to review the alternative system design and advise as to its comparability and whether in the opinion of the expert it should be accepted.
- f. Security Cameras. Security cameras must be used and shall be directed to record only the subject property and may not be directed to public rights-of-way as applicable, except as required to comply with licensing requirements of the state of Michigan. Recordings shall be kept for 90 days.
- g. Buffer Zones. A provisioning center may not be located within the distance specified from the uses below as determined by the city of Owosso. Distance shall be measured as stipulated in the Michigan Liquor Control Act as follows:
1. A provisioning center may not be located within 200 feet of the real property comprising or used by a public or private elementary, vocational, or secondary school. The distance between the school building and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the part of the school building nearest to the provisioning center and from the part of the provisioning center nearest to the school building.
 2. A provisioning center may not be located within 100 feet of a residentially zoned structure. The distance between the residential zoned structure and the provisioning center must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the part of the residentially zoned structure nearest to the provisioning center and from the part of the provisioning center nearest to the residentially zoned structure.
 3. A provisioning center may not be located within 100 feet of a vacant residentially zoned parcel. The distance between the residential zoned vacant parcel and the provisioning center must be measured along the

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center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the intersection of the minimum front or rear yard and side yard setback requirement nearest to the provisioning center and from the part of the provisioning center nearest to the intersection of the minimum front or rear yard and side yard setback requirement.

- ~~f~~4. No parcel containing a medical marijuana provisioning center shall be located within 100 feet of a parcel on which another medical marijuana provisioning center is located. The distance between two medical marijuana provisioning centers must be measured along the center line of the street or streets of address between 2 fixed points on the center line determined by projecting straight lines, at right angles to the center line, from the nearest part of each provisioning centers to the other provisioning center.

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SECTION 6. PUBLIC HEARING. A public hearing is set for Monday, March 18, 2019 at 7:30 p.m. for the purpose of hearing citizen comment regarding the proposed ordinance amendment.

SECTION 7. EFFECTIVE DATE. This amendment shall become effective twenty days after passage.

SECTION 8. AVAILABILITY. This ordinance may be purchased or inspected in the city clerk's office, Monday through Friday between the hours of 9:00 a.m. and 5:00 p.m.



MEMORANDUM

301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

DATE: March 4, 2019

TO: Mayor Eveleth and Owosso City Council members

FROM: Amy Cyphert, Assistant City Manager & Community Development Director

SUBJECT: Industrial Zoning District Screening Amendments

RECOMMENDATION:

The Planning Commission recommends setting a public hearing for March 18, 2019 to receive citizen comment regarding the adoption of amendments to the City's existing zoning ordinances related to industrial zoning district and use screening requirements.

BACKGROUND:

A public hearing was held by the Planning Commission on Monday, February 25, 2019 at its regularly scheduled meeting to receive citizen comment regarding draft ordinance language to amend the zoning ordinances related to industrial zoning district screening requirements.

No public comments were made.

FISCAL IMPACTS: None

Document originated by: Amy Cyphert, Assistant City Manager & Community Development Director

Attachment:

RESOLUTION NO.

AUTHORIZING SETTING A PUBLIC HEARING TO AMEND VARIOUS SECTIONS OF CHAPTER 38, ZONING, OF THE CODE OF THE CITY OF OWOSSO ESTABLISHING INDUSTRIAL ZONING DISTRICT SCREENING REQUIREMENTS

WHEREAS, Sec. 38-292, Sec. 312, Sec. 38.389, and Sec. 38-393 provide screening requirements for industrial zoning properties and uses; and

WHEREAS, the Owosso Planning Commission has met, discussed and authored amendments to the screening requirements for industrial zoning districts and uses; and

WHEREAS, the Planning Commission held a public hearing on February 25, 2019 at its regularly scheduled meeting regarding the proposal to amend various sections of Chapter 38, Zoning, in which no public comments was received; and

WHEREAS, the Planning Commission further recommends adoption of the following amendments to the Zoning Ordinance for screening requirements for industrial zoning districts and uses; and

WHEREAS, the City Council is required to hold a public hearing to receive citizen comment regarding any and all proposed ordinance amendments.

NOW, THEREFORE, BE IT RESOLVED, THAT THE CITY OF OWOSSO ORDAINS THAT:

SECTION 1. AMENDMENT. That Section 38-292, Principal uses permitted, of Chapter 38, Zoning, Article XIII. *I-1 Light Industrial Districts*, of the Code of Ordinances is hereby amended to read:

Sec. 38-292. - Principal uses permitted.

In an I-1 district, no building or land shall be used and no building shall be erected except for one (1) or more of the following specified uses unless otherwise provided in this chapter and subject further to the review and approval of the site plan by the planning commission in accordance with [section 38-390](#):

- (1) Any use charged with the principal function of basic research, design and pilot or experimental product development when conducted within a completely enclosed building;
- (2) Any of the following uses when the manufacturing, compounding or processing is conducted wholly within a completely enclosed building. That portion of the land used for open storage facilities for materials or equipment ~~used in the manufacturing, compounding, or processing shall be totally obscured by a wall on those sides abutting any residential, office or business districts, and on any front yard abutting a public thoroughfare except as otherwise provided in shall meet the requirements of section 38-389section 38-289 or section 38-393. In I-1 districts, the extent of such a wall may be determined by the planning commission on the basis of usage. Such a wall shall not be less than four (4) feet six (6) inches in height and may, depending upon land usage, be required to be eight (8) feet in height, and shall be subject further to the requirements of article XVII, general provisions. A chain link fence, with intense evergreen shrub planting, shall be considered an obscuring wall. The height shall be determined in the same manner as the wall height as above set forth.~~
 - a. Warehousing and wholesale establishments, and trucking facilities;

- b. The manufacture, compounding, processing, packaging or treatment of such products such as, but not limited to, bakery goods, candy, cosmetics, pharmaceuticals, toiletries, food products, hardware and cutlery, tool, die, gauge and machine shops;
 - c. The manufacture, compounding, assembling, or treatment of articles or merchandise from previously prepared materials: bone, canvas, cellophane, cloth, cork, elastomers, feathers, felt, fibre [fiber], fur, glass, hair, horn, leather, paper, plastics, rubber, precious or semi-precious metals or stones, sheet metal, shell, textiles, tobacco, wax, wire, wood and yarns;
 - d. The manufacture of pottery and figurines or other similar ceramic products using only previously pulverized clay, and kilns fired only by electricity or gas;
 - e. Manufacture of musical instruments, toys, novelties and metal or rubber stamps, or other molded rubber products;
 - f. Manufacture or assembly of electrical appliances, electronic instruments and devices, radios and phonographs;
 - g. Laboratories—Experimental, film or testing;
 - h. Manufacturing and repair of electric or neon signs, light sheet metal products, including heating and ventilating equipment, cornices, eaves and the like;
 - i. Central dry cleaning plants or laundries provided that such plants shall not deal directly with consumer at retail;
 - j. All public utilities, including buildings, necessary structures, storage yards and other related uses.
- (3) Warehouses, storage and transfer and electric and gas service buildings and yards; public utility buildings, telephone exchange buildings, electrical transformer stations and substations, and gas regulator stations; water supply and sewage disposal plants; water and gas tank holders; railroad transfer and storage tracks; railroad rights-of-way; freight terminals;
- (4) Storage facilities for building materials, sand, gravel, stone, lumber, storage of contractor's equipment and supplies, provided such is enclosed within a building or within an ~~obscuring solid~~ wall or fence **that meets the requirements of section 38-389 or section 38-393.**~~on those sides abutting all residential, office, or business districts, and on any yard abutting a public thoroughfare. In any "I-1" district, the extent of such fence or wall may be determined by the planning commission on the basis of usage. Such fence or wall shall not be less than five (5) feet in height, and may, depending on land usage, be required to be eight (8) feet in height. A chain link type fence, with heavy evergreen shrubbery inside of said fence, shall be considered to be an obscuring fence;~~
- (5) Municipal uses such as water treatment plants, and reservoirs, sewage treatment plants, and all other municipal buildings and uses, including outdoor storage;
- (6) Commercial kennels;
- (7) Greenhouses;
- (8) Other uses of a similar and no more objectionable character to the above uses;
- (9) Accessory buildings and uses customarily incident to any of the above permitted uses;
- (10) Residential structures existing as of January 1, 2012.
- (11) A marihuana provisioning center, grower, processor, safety compliance facility or secure transporter as authorized by the city's medical marihuana facilities licensing — police power authorizing ordinance.
- a. Any uses or activities found by the state or a court with jurisdiction to be unconstitutional or otherwise not permitted by state law may not be permitted by

the city. In the event that a court with jurisdiction declares some or this entire article invalid, then the city may suspend the acceptance of applications for medical marihuana facilities licenses pending the resolution of the legal issue in question.

- b. The use or facility must be at all times in compliance with all other applicable laws and ordinances of the city and state.
- c. The city may suspend or revoke a medical marihuana facilities license based on the finding that the provisions of the Medical Marihuana Facilities Licensing Act, all other applicable provisions of this zoning ordinance, the city's police power authorizing ordinance, or the approved site plan are not met.
- d. A marihuana facility, or activities associated with the licensed growing, processing, testing, transporting, or sales of marihuana, may not be permitted as a home business or accessory use nor may they include accessory uses except as otherwise provided in this chapter.
- e. Signage requirements for marihuana facilities, unless otherwise specified, are as provided in [chapter 26](#) — signs.

(12) Marihuana growers and marihuana processors shall be subject to the following standards:

- a. *Minimum yard depth/distance from lot lines.* Minimum yard depth/distance from lot lines shall adhere to measurement requirements as listed in article XVI — schedule of regulations for each zoning designation as listed.
- b. *Indoor growing and processing.* In the I-1 light industrial district, marihuana growing shall be located entirely within a fully enclosed, secure, indoor facility or greenhouse with rigid walls, a roof, and doors. Marihuana processing shall be located entirely within one (1) or more completely enclosed buildings.
- c. *Maximum building floor space.* The following maximum building floor space shall apply in the I-1 light industrial district:
 - 1. If only a portion of a building is authorized for use in marihuana growing or processing, a partition wall at least seven (7) feet in height, or a height as required by the applicable building codes, whichever is greater, shall separate the marihuana growing or processing space from the remainder of the building. A partition wall must include a door, capable of being closed and locked, for ingress and egress between the marihuana growing or processing space and the remainder of the building.
- d. *Lighting.* Lighting shall be regulated as follows:
 - 1. Light cast by light fixtures inside any building used for marihuana growing or marihuana processing shall not be visible outside the building from 7:00 p.m. to 7:00 a.m. the following day.
 - 2. Outdoor marihuana grow lights shall not be illuminated from 7:00 p.m. to 7:00 a.m. the following day.
- e. *Odor.* As used in this subsection, building means the building, or portion thereof, used for marihuana growing or marihuana processing.
 - 1. The building shall be equipped with an activated carbon filtration system for odor control to ensure that air leaving the building through an exhaust vent first passes through an activated carbon filter.
 - 2. The filtration system shall consist of one (1) or more fans and activated carbon filters. At a minimum, the fan(s) shall be sized for cubic feet per minute (CFM) equivalent to the volume of the building (length multiplied by width multiplied by height) divided by three (3). The filter(s) shall be rated for the applicable CFM.

3. The filtration system shall be maintained in working order and shall be in use. The filters shall be changed a minimum of once every three hundred sixty-five (365) days.
 4. Negative air pressure shall be maintained inside the building.
 5. Doors and windows shall remain closed, except for the minimum length of time needed to allow people to ingress or egress the building.
 6. An alternative odor control system is permitted if the applicant submits and the municipality accepts a report by a mechanical engineer licensed in the state of Michigan demonstrating that the alternative system will control odor as well or better than the activated carbon filtration system otherwise required. The municipality may hire an outside expert to review the alternative system design and advise as to its comparability and whether in the opinion of the expert it should be accepted.
- f. *Security cameras.* Security cameras must be used and shall be directed to record only the subject property and may not be directed to public rights-of-way as applicable, except as required to comply with licensing requirements of the state. Recordings shall be kept for ninety (90) days.

SECTION 2. AMENDMENT. That Section 38-312, Principal uses permitted, of Chapter 38, Zoning, Article XIV. *I-2 General Industrial Districts*, of the Code of Ordinances is hereby amended to read:

Sec. 38-312. - Principal uses permitted.

In an I-2 district, no building or land shall be used and no building shall be erected except for one (1) or more of the following specified uses unless otherwise provided in this chapter:

- (1) Any principal use first permitted in an I-1 district;
- (2) Onsite heating and electric power generating plants using conventional fuels or renewable resources;
- (3) Gasoline or petroleum storage;
- (4) Railroad yards;
- (5) Any of the following production or manufacturing uses (not including storage of finished products) provided that they are located not less than eight hundred (800) feet distant from any residential district and not less than three hundred (300) feet distant from any other district:
 - a. Junkyards, provided such are entirely enclosed within a building or ~~within an eight (8) foot obscuring wall~~ the site meets Sec. 38-389 wall requirements and provided further that one property line abuts a railroad right-of-way.
- (6) Foundry operations within a closed building;
- (7) Any other use which shall be determined by the council after recommendation from the planning commission, to be of the same general character as the above permitted uses in this section. The council may impose any required setbacks and/or performance standards so as to ensure public health, safety and general welfare;
- (8) Accessory buildings and uses customarily incident to any of the above permitted uses.

Additional uses allowed by special use permit:

- (1) Grain elevators;
- (2) Any of the following production or manufacturing uses (not including storage of finished products) provided that they are located not less than eight hundred (800) feet distant from any residential district and not less than three hundred (300) feet distant from any other district:

- a. Incineration of garbage or refuse when conducted within an approved and enclosed incinerator plant;
- b. Blast furnace, steel furnace, blooming or rolling mill;
- c. Manufacture of corrosive acid or alkali, cement, lime, gypsum or plaster of Paris;
- d. Petroleum or other inflammable liquids, production or refining;
- e. Smelting of copper, iron or zinc ore.

SECTION 3. AMENDMENT. That Section 38-389, Walls, of Chapter 38, Zoning, Article XVII. *General Provisions*, of the Code of Ordinances is hereby amended to read:

Sec. 38-389. - Walls.

- (a) For those use districts and uses listed below, there shall be provided and maintained on those sides abutting or adjacent to a residential district, or a single-family detached residential use, an obscuring wall as required below, except otherwise required in subsection (d):

Use Requirements

- (1) P-1 Vehicular parking district—Four (4) foot six (6) inch high wall. Off-street parking area (other than P-1 districts) four (4) foot six (6) inch high wall.
 - (2) B-1, B-2, B-3, B-4, and OS-1 districts—Four (4) foot, six (6) inch high wall.
 - (3) I-1 and I-2 districts—Open storage areas, loading or unloading areas, service areas—Four (4) foot, six (6) inch to eight (8) foot high wall ~~or fence. Wall H~~ height shall **be one (1) foot above the height of the open storage items, piles, etc.** ~~provide the most complete obscuring possible.~~ See subsection (d) of this section.
 - (4) Auto wash. Drive-in restaurants—Six (6) foot high wall.
 - (5) Utility buildings, stations and/or substations—Six (6) foot high wall.
- (b) Required walls shall be located on the lot line except where underground utilities interfere and except in instances where this chapter requires conformance with front yard setback lines in abutting residential districts. Upon review of the site plan, the board of appeals or planning commission may approve an alternate location for the wall or may waive the wall requirement if in specific cases it would not serve the purposes of screening the area effectively. Required walls may, upon approval of the board of appeals, be located on the opposite side of an alley right-of-way from a nonresidential zone that abuts a residential zone when mutually agreeable to affected property owners. The continuity of the required wall on a given block will be a major consideration of the board of appeals in reviewing such request.
 - (c) Such walls and screening barrier shall have no openings for vehicular traffic or other purposes, except as otherwise provided in this chapter and except such openings as may be approved by the police chief and the building inspector. All walls herein required shall be constructed of materials approved by the building inspector to be durable, weather resistant, rust proof and easily maintained. ~~Masonry walls may be constructed with openings which do not in any square section (height and width) exceed twenty (20) percent of the surface. Where walls are so pierced, the openings shall be so spaced as to maintain the obscuring character required, and shall not reduce the minimum height requirement. The arrangement of the openings shall be reviewed and approved by the building inspector.~~
 - ~~(d) The requirement for an obscuring wall between off-street parking areas, outdoor storage areas, and any abutting residential district, or single family detached residential use, shall not be required when such areas are located more than two hundred (200) feet distant from such abutting residential district.~~
 - ~~(e)~~**(d)** The ~~board of appeals or~~ planning commission may waive or modify the foregoing requirements where cause can be shown that no good purpose would be

served, provided that in no instance shall a required wall be permitted to be less than four (4) feet six (6) inches in height, except where [section 38-388](#) applies. In certain consideration of request to waive wall requirements between nonresidential and residential districts, or single-family detached residential use, the planning commission shall determine ~~or the board shall refer the request to the planning commission to determine~~ whether or not the residential district or single-family detached residential use, is considered to be an area in transition and will become nonresidential in the future. In such cases as the planning commission determines the residential district or single-family detached residential use, to be a future nonresidential area, ~~the board or~~ commission may temporarily waive wall requirements for an initial period not to exceed twelve (12) months. Granting of subsequent waivers shall be permitted, provided that the planning commission shall make a determination as hereinbefore described, for each subsequent waiver prior to the granting of such waiver.

SECTION 3. AMENDMENT. That Section 38-393, Fences and hedges, of Chapter 38, Zoning, Article XVII. *General Provisions*, of the Code of Ordinances is hereby amended to read:

Sec. 38-393. - Fences and hedges.

- (a) A fence is defined as any partition, structure or gate that is erected as a dividing marker, barrier or enclosure (excluding hedges as defined below).
- (b) A hedge is defined as any bush, shrub or any living green screen of any nature that serves as a dividing marker, barrier or enclosure.
- (c) Regulations applicable to R-1, R-2, RM-1, RM-2, OS-1, B-1, B-2, B-3, B-4, C-OS, and P-1.
 - (1) A fence shall not exceed six (6) feet in height in the rear or side lot of any parcel;
 - (2) Front yard fences or hedges must be less than fifty (50) percent solid, impervious, or of an obscuring nature above a height of thirty (30) inches above the curb or centerline of the street, and not exceed four (4) feet in total height;
 - (3) Fences and hedges in front yards that function as exterior side yards must follow front yard restrictions unless the fence or hedge is installed or planted at least nineteen (19) feet back from the right-of-way line or follows the building line of the nearest legal structure. All such fences and hedges must meet clear vision requirements for streets, driveways, and sidewalks.
 - (4) No fence or hedge shall extend across property lines;
 - (5) The finished side of any fence shall face away from the property on which the fence is located;
 - (6) No portion of any fence shall be constructed with or contain barbed wire, electric current or charge of electricity, glass, spikes or other sharp protruding objects;
 - (7) Fences must be maintained so as not to endanger life or property. Any fence which, through lack of maintenance or type of construction which will obstruct vision so to create a hazard to vehicular traffic or pedestrians upon the public streets and/or sidewalks shall be deemed a nuisance;
 - (8) Fences shall not be constructed, in whole or in part, with any of the following materials:
 - a. Junk or other debris.
 - b. Scrap building materials or metals.
 - c. Organic materials known to be poisonous or hazardous to human or animal life.
 - d. Other materials which may be deemed unsafe to person or property by the zoning administrator or building official.
 - (9) No hedge shall be constructed with noxious weeds or grasses, as defined by PA 359 of 1941, being MCL 247.62.
 - (10) Screening walls are required as prescribed in [section 38-389](#).

(d) Regulations applicable to industrial districts.

- (1) Fences, ~~walls and screens~~ are permitted in the required front, side and rear lots provided they do not exceed six (6) feet in the front yard and eight (8) feet in the side and rear lots. To preserve open space and aesthetic character in the front yard, fences higher than four (4) feet must be setback two (2) feet for each additional foot above four (4) feet and all front yard fences must be black vinyl chain link or decorative in nature.**
- (2) Industrial district uses with open storage areas, loading or unloading areas, service areas shall provide and maintain on those sides abutting or adjacent to a residential district, or a single-family detached residential use, a solid fence not to exceed eight (8) foot high. The fence height shall be one (1) foot above the height of the open storage items, piles, etc. A solid gate shall also be provided to screen the open storage from the right of way.**

~~(4)~~**(3)** Except as provided below, barbed wire strands and noncoated or decorative chain link are permitted on fences six (6) feet or higher on industrial parcels with the barbed wire tilted in toward the fenced parcel. Barbed wire is not permitted in the front yard except for those located on McMillan Ave, Industrial Drive, South Street, and Aiken Road.

~~(2)~~**(4)** On any corner lot, no fence, wall or screen, whether structural or botanical, shall be more than thirty (30) inches above the curb or the centerline of the street pavement, or within twenty-five (25) feet of the intersection of the two (2) right-of-way lines, so as to interfere with motorists' vision across the corner.

~~(3)~~**(5)** Screening walls are required as prescribed in [section 38-389](#).

(e) The zoning administrator or building official may require removal, reconstruction, or repair of any fence or wall which, in their judgment is dilapidated, unsafe, or a threat to the health, safety and welfare of the residents of the City of Owosso.

(f) A permit shall be required for new fence construction, with a fee to be prescribed by resolution of the council.

SECTION 4. PUBLIC HEARING. A public hearing is set for Monday, March 18, 2019 at 7:30 p.m. for the purpose of hearing citizen comment regarding the proposed ordinance amendment.

SECTION 5. EFFECTIVE DATE. This amendment shall become effective twenty days after passage.

SECTION 6. AVAILABILITY. This ordinance may be purchased or inspected in the city clerk's office, Monday through Friday between the hours of 9:00 a.m. and 5:00 p.m.



MEMORANDUM

301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

DATE: February 22, 2019

TO: Owosso City Council

FROM: Glenn Chinavare, Director of Public Services & Utilities

SUBJECT: Setting Public Hearing for Special Assessment Roll for Abrey Avenue Resurfacing

RECOMMENDATION:

Approval of Resolution No. 4 which sets the second public hearing for the Abrey Avenue Resurfacing Project.

BACKGROUND:

This public hearing is intended to provide affected residents with the opportunity to comment regarding their individual assessments.

Step Four/Resolution No. 4 takes place after the bids are received. Estimated assessment amounts are adjusted if necessary to reflect the actual cost as dictated by the bids received. A second public hearing is set to allow property owners to comment on their particular assessment. Each property owner is sent a second notice containing the date and time of the public hearing and the amount of the proposed assessment for their property. City Council sets the second public hearing at its **March 4, 2019** meeting.

Step Five/Resolution No. 5 documents the second public hearing, finalizes the special assessment roll and sets the terms of payment. This public hearing is designed to allow affected citizens the opportunity to argue whether or not the amount of their assessment is fair and equitable in relation to the benefit they receive from the project. If, after hearing citizen comment, the council decides adjustments need to be made to the assessment roll they may do so. Alternately, if it is felt all the assessments are fair and equitable the resolution may be passed as written.

Tonight the council will be considering Resolution No. 4 for the proposed district as a part of the Consent Agenda. Staff recommends authorization of Resolution No. 4 setting a public hearing for Monday, **March 18, 2019** to receive citizen comment regarding the proposed special assessment roll for the following public improvement:

Abrey Avenue, Public Street, from Melinda Avenue to Allendale Avenue

Attachment(s): Abrey Avenue Resolution No. 4
Special Assessment Roll

RESOLUTION NO.

**ABREY AVENUE
FROM MELINDA AVENUE TO ALLENDALE AVENUE
SPECIAL ASSESSMENT RESOLUTION NO. 4**

WHEREAS, the Assessor has prepared a special assessment roll for the purpose of specially assessing that portion of the cost of the public improvements more particularly hereinafter described to the properties specially benefited by said public improvement, and the same has been presented to the Council by the City Clerk.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Said special assessment roll is hereby accepted and shall be filed in the office of the City Clerk for public examination.
2. The Council shall meet at the Owosso City Hall, Owosso, Michigan at 7:30 o'clock p.m., on Monday, March 18, 2019 for the purpose of hearing all persons interested in said special assessment roll and reviewing the same.
3. The City Clerk is directed to publish the notice of said hearings once in the *Argus Press*, the official newspaper of the City of Owosso, not less than ten (10) days prior to said hearing and shall further cause notice of said hearing to be sent by first class mail to each owner of the property subject to assessment, as indicated by the records in the City Assessor's office as shown on the general tax rolls of the City, at least ten (10) days before the time of said hearing, said notice to be mailed to the addresses shown on said general tax rolls of the City.
4. The notice of said hearing to be published and mailed shall be in substantially the following form:

**NOTICE OF HEARING
TO REVIEW SPECIAL ASSESSMENT ROLL
CITY OF OWOSSO, COUNTY OF SHIAWASSEE, MICHIGAN**

TO THE OWNERS OF THE FOLLOWING DESCRIBED PROPERTY:

ABREY AVENUE, A PUBLIC STREET, FROM MELINDA AVENUE TO ALLENDALE AVENUE

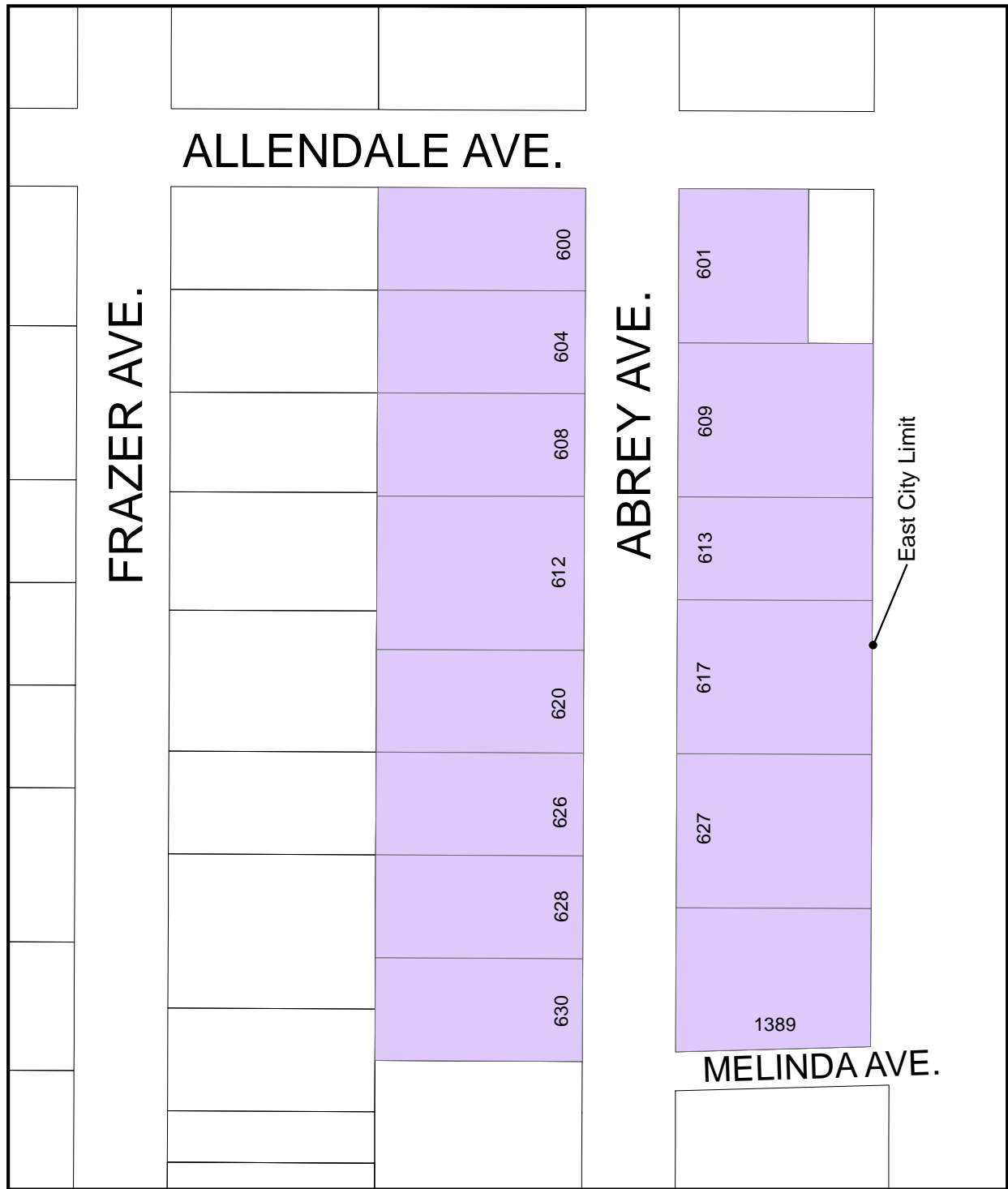
TAKE NOTICE that a Special Assessment roll has been prepared for the purpose of defraying the Special Assessment district's share of the cost of the following described improvements:

STREET RESURFACING

The said Special Assessment roll is on file for public examination with the City Clerk and any objections to said Special Assessment roll must be filed in writing with the City Clerk prior to the close of the hearing to review said Special Assessment roll.

TAKE FURTHER NOTICE that appearance and protest at this hearing is required in order to appeal the amount of the special assessment to the State Tax Tribunal if an appeal should be desired. A property owner or party in interest, his or her agent, may appear in person at the hearing to protest the special assessment or may file his or her appearance by letter and his or her personal appearance shall not be required. The property owner or any person having an interest in the property subject to the proposed special assessments may file a written appeal of the special assessment with the State Tax Tribunal within thirty days after confirmation of the special assessment roll if that special assessment was protested at this hearing.

TAKE FURTHER NOTICE that the City Council will meet at the Owosso City Hall, Owosso, Michigan at 7:30 p.m. on Monday, March 18, 2019 for the purpose of reviewing said special assessment roll and for the purpose of considering all objections to said roll submitted in writing.





City of Owosso

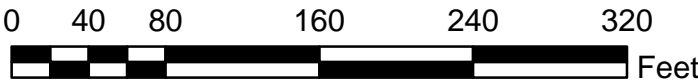
Proposed Special Assessment

Abrey Avenue
from Melinda Ave. to Allendale Ave.



Legend

-  Special Assessment Parcels
-  City Parcels 2018 Edition
- 501 Street Address Number



1 inch = 100 feet

ABREY AVE FROM MELINDA TO ALLENDALE
SPECIAL ASSESSMENT DISTRICT NO. 2019-01 ROLL
RESO #4
EAST SIDE

ADDRESS NO.	STREET	PROPERTY OWNER NAME	ROLL NUMBER	FRONT FOOTAGE	CORNER LOT DISCOUNT	ASSESSABLE FRONT FEET	FRONT FOOT RATE	AMOUNT OF ASSESSMENT	ZONING TYPE
1389	MELINDA	WHITE, RALPH J	010-030-011	92.53	0.75	69.40	\$ 17.38	\$1,206.13	R1
627	ABREY	GRINNELL, RAYMOND	010-030-012	99	1	99.00	\$ 17.38	\$1,720.62	R1
617	ABREY	ROOT, LARRY M & DIANA M	010-030-005	99	1	99.00	\$ 17.38	\$1,720.62	R1
613	ABREY	SPEERS, ARTHUR J TRUST	010-030-006	66	1	66.00	\$ 17.38	\$1,147.08	R1
609	ABREY	SPEERS, ARTHUR J TRUST	010-030-007	99	1	99.00	\$ 17.38	\$1,720.62	R1
601	ABREY	BUSH, STEVEN M & CHRISTI	010-030-009	99	0.75	74.25	\$ 17.38	\$1,290.47	R1
				554.53		506.65		\$8,805.53	

WEST SIDE

ADDRESS NO.	STREET	PROPERTY OWNER NAME	ROLL NUMBER	FRONT FOOTAGE	CORNER LOT DISCOUNT	ASSESSABLE FRONT FEET	FRONT FOOT RATE	AMOUNT OF ASSESSMENT	ZONING TYPE
630	ABREY	WHALEN, CHRISTOPHER & K	010-032-010	40	1	40.00	\$ 17.38	\$695.20	R1
628	ABREY	CUMMINGS, MYRON	010-032-011	66	1	66.00	\$ 17.38	\$1,147.08	R1
626	ABREY	CUMMINGS, MYRON	010-032-012	66	1	66.00	\$ 17.38	\$1,147.08	R1
620	ABREY	CLOUD, MARIAH A	010-032-013	66	1	66.00	\$ 17.38	\$1,147.08	R1
612	ABREY	CORDS, EDWARD	010-032-014	99	1	99.00	\$ 17.38	\$1,720.62	R1
608	ABREY	MOWEN, TERRY L	010-032-015	66	1	66.00	\$ 17.38	\$1,147.08	R1
604	ABREY	CUMMINGS, MYRON W	010-032-016	66	1	66.00	\$ 17.38	\$1,147.08	R1
600	ABREY	K&E ELDRED RENTALS LLC	010-032-017	66	0.75	49.50	\$ 17.38	\$860.31	R1
				535		518.50		\$9,011.53	

TOTAL ASSESSABLE FRONT FOOTAGE
1025.15
SEE SHEET TWO FOR EXPLANATION OF ASSESSMENT ROLL

**POST BID ASSESSMENT CALCULATIONS
ABREY AVENUE**

ABREY AVENUE FROM MELINDA TO ALLENDALE

SPECIAL ASSESSMENT DISTRICT NO. 2019-01 ROLL

RESO #4

ENGINEER'S DETERMINATION OF ASSESSABLE AMOUNT:

TOTAL ASSESSABLE FRONT FEET	1025.15
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CALCULATING ASSESSABLE FRONT FOOT RATE AND AMOUNTS:

PROPERTY TYPE	RESIDENTIAL PROPERTY	COMMERCIAL PROPERTY	TOTAL
TOTAL ASSEMENT PER TYPE	\$52,685.21	\$52,685.21	
CITY SHARE $\geq 60\%$	\$34,866.86	\$31,611.13	
PROPERTY SHARE @ $\leq 40\%$	\$17,818.35	\$21,074.08	
ASSESSABLE FRONT FOOT RATE: PROP SHARE/ TOTAL FRONT FOOTAGE	\$17.38	\$20.56	
TOTAL FRONT FEET PER TYPE	1025.15	0.00	
TOTAL AMOUNT OF ASSESSMENT PER TYPE:	\$17,818.35	\$0.00	\$17,818.35

SUMMARY: SPECIAL ASSESSMENT AMOUNTS PER SIDE OF STREET:

EAST SIDE	\$8,805.53
WEST SIDE	\$9,011.53
TOTAL SPECIAL ASSESSMENT	<hr/> \$17,817.06

ENGINEER'S ESTIMATE - POST BID
ABREY AVENUE

ENGINEER'S ESTIMATE OF PROBABLE COST FOR ABREY AVE, MELINDA TO ALLENDALE - POST BID

							RESO 4		
DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	ELLIGIBLE AMOUNT	CITY COST 60 PERCENT	ASSESSMENT AT 40% RESIDENTIAL	ASSESSMENT AT 40% COMMERCIAL	
MOBILIZATION, MAX_____	LSUM	1	\$ 4,920.00	\$ 4,920.00	\$ 4,920.00	\$ 2,952.00	\$ 1,968.00	\$ 1,968.00	
PAVT, REM	SYD	8	\$ 12.00	\$ 96.00	\$ -	\$ -		\$ -	
EROSION CONTROL, INLET PROTECTION, FABRIC DROP	EA	6	\$ 100.00	\$ 600.00	\$ 600.00	\$ 360.00	\$ 240.00	\$ 240.00	
TRENCHING, MODIFIED	STA	10	\$ 230.00	\$ 2,300.00	\$ 345.00	\$ 207.00	\$ -	\$ 138.00	
DR STRUCTURE, TEMP LOWERING	EA	5	\$ 250.00	\$ 1,250.00	\$ 1,250.00	\$ 750.00	\$ 500.00	\$ 500.00	
MAILBOX, POST	EA	7	\$ 85.00	\$ 595.00	\$ -	\$ -	\$ -	\$ -	
AGGREGATE BASE, 9 INCH, MODIFIED	SYD	173	\$ 17.15	\$ 2,966.95	\$ 652.73	\$ 391.64	\$ -	\$ 261.09	
HMA BASE CRUSHING AND SHAPING, MODIFIED (6")	SYD	1475	\$ 0.67	\$ 988.25	\$ 326.12	\$ 195.67	\$ -	\$ 130.45	
ASPHALT CEMENT STABALIZED BASE COURSE (4")	SYD	1475	\$ 2.54	\$ 3,746.50	\$ 1,873.25	\$ 1,123.95	\$ -	\$ 749.30	
ASPHALT CEMENT BINDER	GAL	2359	\$ 3.04	\$ 7,171.36	\$ 3,585.68	\$ 2,151.41	\$ -	\$ 1,434.27	
APPROACH, CL II	TON	10	\$ 32.00	\$ 320.00	\$ -	\$ -	\$ -	\$ -	
DR STRUCTURE COVER, ADJ, CASE 1	EA	5	\$ 500.00	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	
DR STRUCTURE COVER, TYPE EJ 1060	EA	1	\$ 600.00	\$ 600.00	\$ 600.00	\$ 360.00	\$ 240.00	\$ 240.00	
DR STRUCTURE COVER, TYPE EJ 1060 W/ TYPE M1 FLAT GRATE	EA	3	\$ 600.00	\$ 1,800.00	\$ 1,800.00	\$ 1,080.00	\$ 720.00	\$ 720.00	
DR STRUCUTRE COVER, TYPE EJ 1120 W/ SOLID GASKET SEALED COVER	EA	1	\$ 650.00	\$ 650.00	\$ 650.00	\$ 390.00	\$ 260.00	\$ 260.00	
HMA, 13A (4")	TON	324	\$ 72.69	\$ 23,551.56	\$ 23,551.56	\$ 14,130.94	\$ 9,420.62	\$ 9,420.62	
GATE VALVE, ADJ	EA	1	\$ 250.00	\$ 250.00	\$ 250.00	\$ 150.00	\$ 100.00	\$ 100.00	
MINOR TRAF DEVICES	LSUM	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 600.00	\$ 400.00	\$ 400.00	
BARRICADE, TYPE III, HIGH INTENSITY, FURN AND OPER	EA	1	\$ 85.00	\$ 85.00	\$ -	\$ -	\$ -	\$ -	
PLASTIC DRUM HIGH INTENSITY, FURN AND OPER	EA	10	\$ 11.50	\$ 115.00	\$ -	\$ -	\$ -	\$ -	
SIGN, TYPE B, TEMP, PRISMATIC, FURN AND OPER	SFT	48	\$ 3.25	\$ 156.00	\$ -	\$ -	\$ -	\$ -	
SUBGRADE UNDERCUTTING, TPYE II	CYD	25	\$ 30.00	\$ 750.00					
MAINENANCE GRAVEL	TON	5	\$ 40.00	\$ 200.00					
TURF ESTABLISHMENT, PERFORMANCE	SYD	125	\$ 5.00	\$ 625.00					
SUB TOTALS				\$ 57,236.62	\$ 43,904.34	\$ 26,342.60	\$ 14,848.62	\$ 17,561.74	
INDIRECT COSTS:									
ENGINEERING @ 15% OF SUB TOTAL				\$ 8,585.49	\$ 6,585.65	\$ 3,951.39	\$ 2,227.29	\$ 2,634.26	
ADMINISTRATIVE @ 5% OF SUB TOTAL				\$ 2,861.83	\$ 2,195.22	\$ 1,317.13	\$ 742.43	\$ 878.09	
GRAND TOTALS				\$ 68,683.94	\$ 52,685.21	\$ 31,611.13	\$ 17,818.35	\$ 21,074.08	



MEMORANDUM

301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

DATE: February 22, 2019

TO: Owosso City Council

FROM: Glenn Chinavare, Director of Public Services & Utilities

SUBJECT: Setting Public Hearing for Special Assessment Roll for Allendale Avenue Resurfacing

RECOMMENDATION:

Approval of Resolution No. 4 which sets the second public hearing for the Allendale Avenue Resurfacing Project.

BACKGROUND:

This public hearing is intended to provide affected residents with the opportunity to comment regarding their individual assessments.

Step Four/Resolution No. 4 takes place after the bids are received. Estimated assessment amounts are adjusted if necessary to reflect the actual cost as dictated by the bids received. A second public hearing is set to allow property owners to comment on their particular assessment. Each property owner is sent a second notice containing the date and time of the public hearing and the amount of the proposed assessment for their property. City Council sets the second public hearing at its **March 4, 2019** meeting.

Step Five/Resolution No. 5 documents the second public hearing, finalizes the special assessment roll and sets the terms of payment. This public hearing is designed to allow affected citizens the opportunity to argue whether or not the amount of their assessment is fair and equitable in relation to the benefit they receive from the project. If, after hearing citizen comment, the council decides adjustments need to be made to the assessment roll they may do so. Alternately, if it is felt all the assessments are fair and equitable the resolution may be passed as written.

Tonight the council will be considering Resolution No. 4 for the proposed district as a part of the Consent Agenda. Staff recommends authorization of Resolution No. 4 setting a public hearing for Monday, **March 18, 2019** to receive citizen comment regarding the proposed special assessment roll for the following public improvement:

Allendale Avenue, Public Street, from Gould Street to east city limits

Attachment(s): Allendale Avenue Resolution No. 4
Special Assessment Roll

RESOLUTION NO.
ALLENDALE AVENUE
FROM GOULD STREET TO EAST CITY LIMITS
SPECIAL ASSESSMENT RESOLUTION NO. 4

WHEREAS, the Assessor has prepared a special assessment roll for the purpose of specially assessing that portion of the cost of the public improvements more particularly hereinafter described to the properties specially benefited by said public improvement, and the same has been presented to the Council by the City Clerk.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Said special assessment roll is hereby accepted and shall be filed in the office of the City Clerk for public examination.
2. The Council shall meet at the Owosso City Hall, Owosso, Michigan at 7:30 o'clock p.m., on Monday, March 18, 2019 for the purpose of hearing all persons interested in said special assessment roll and reviewing the same.
3. The City Clerk is directed to publish the notice of said hearings once in the *Argus Press*, the official newspaper of the City of Owosso, not less than ten (10) days prior to said hearing and shall further cause notice of said hearing to be sent by first class mail to each owner of the property subject to assessment, as indicated by the records in the City Assessor's office as shown on the general tax rolls of the City, at least ten (10) days before the time of said hearing, said notice to be mailed to the addresses shown on said general tax rolls of the City.
4. The notice of said hearing to be published and mailed shall be in substantially the following form:

NOTICE OF HEARING
TO REVIEW SPECIAL ASSESSMENT ROLL
CITY OF OWOSSO, COUNTY OF SHIAWASSEE, MICHIGAN

TO THE OWNERS OF THE FOLLOWING DESCRIBED PROPERTY:

ALLENDALE AVENUE, A PUBLIC STREET, FROM GOULD STREET TO EAST CITY LIMITS

TAKE NOTICE that a Special Assessment roll has been prepared for the purpose of defraying the Special Assessment district's share of the cost of the following described improvements:

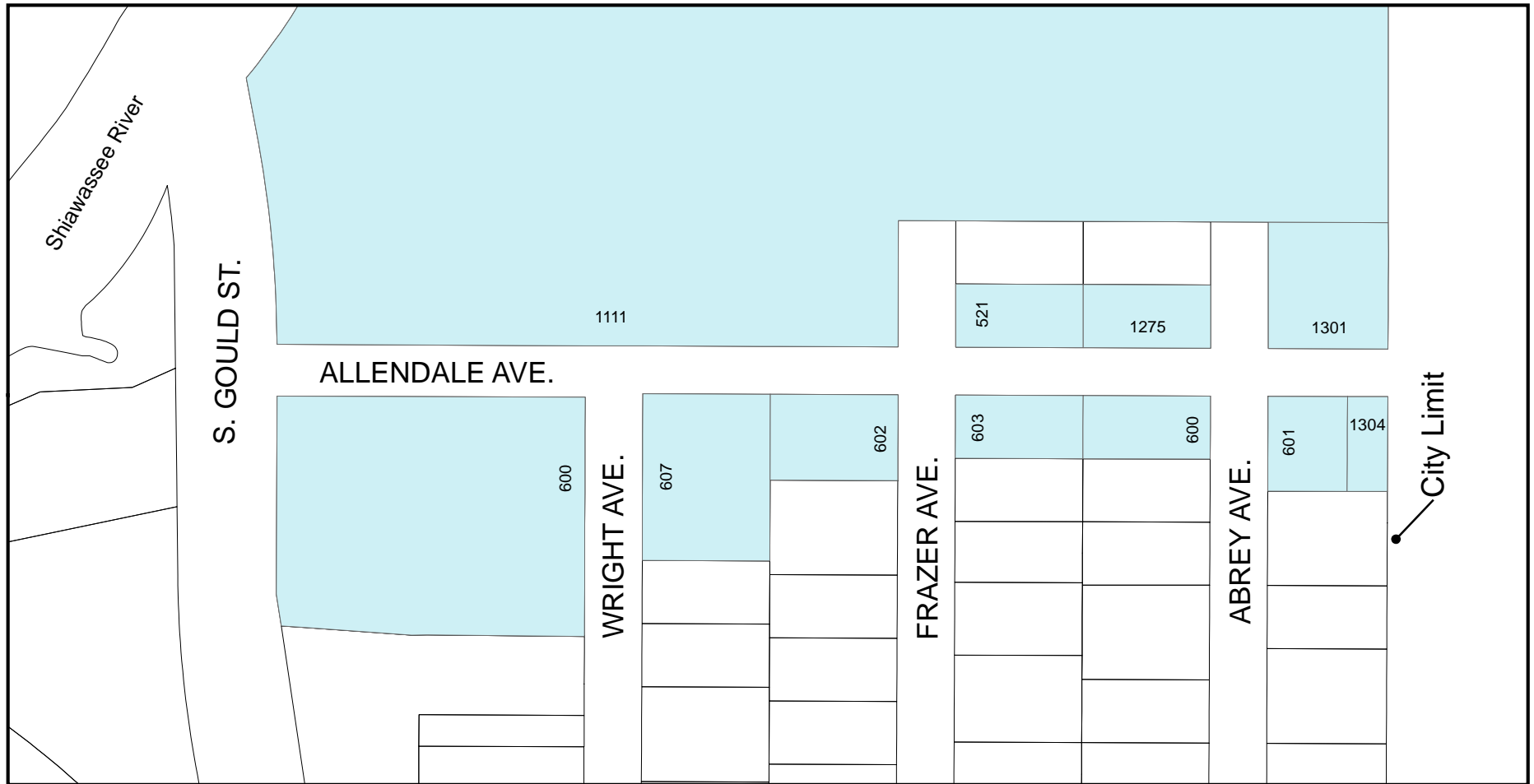
STREET RESURFACING

The said Special Assessment roll is on file for public examination with the City Clerk and any objections to said Special Assessment roll must be filed in writing with the City Clerk prior to the close of the hearing to review said Special Assessment roll.

TAKE FURTHER NOTICE that appearance and protest at this hearing is required in order to appeal the amount of the special assessment to the State Tax Tribunal if an appeal should be desired. A property owner or party in interest, his or her agent, may appear in person at the hearing to protest the special assessment or may file his or her appearance by letter and his or her personal appearance shall not be required. The property owner or any person having an interest in the property subject to the proposed special assessments may file a written appeal of the special assessment with the State Tax Tribunal within thirty days after confirmation of the special assessment roll if that special assessment was protested at this hearing.

TAKE FURTHER NOTICE that the City Council will meet at the Owosso City Hall, Owosso, Michigan at 7:30 p.m. on Monday, March 18, 2019 for the purpose of reviewing said special assessment roll and for the purpose of considering all objections to said roll submitted in writing.

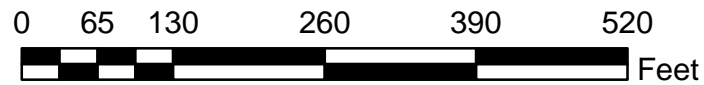
City of Owosso



Proposed Special Assessment Allendale Avenue from Gould Street to East City Limit

Legend

- Special Assessment Parcels
- City Parcels 2018 Edition
- 1501 Street Address Number



1 inch = 165 feet



ALLENDALE AVE FROM GOULD TO EAST CITY LIMITS

SPECIAL ASSESSMENT DISTRICT NO. 2019-02 ROLL

RESO #4

NORTH SIDE

ADDRESS NO.	STREET	PROPERTY OWNER NAME	ROLL NUMBER	FRONT FOOTAGE	CORNER LOT DISCOUNT	ASSESSABLE FRONT FEET	FRONT FOOT RATE	AMOUNT OF ASSESSMENT	ZONING TYPE
1111	ALLENDALE	CITY OF OWOSSO	010-036-001	648	0.75	486.00	\$ 25.28	\$12,286.08	R1
521	FRAZER	BONNIN, GUY P & KATHY A	010-040-001	133	0.75	99.75	\$ 25.28	\$2,521.68	R1
1275	ALLENDALE	BEST, WESLEY; ORRISS, ASHLEY	010-040-007	133	0.75	99.75	\$ 25.28	\$2,521.68	R1
1301	ALLENDALE	JOHNSON, KLARYSSA; JOHNSON	010-041-001	125	0.75	93.75	\$ 25.28	\$2,370.00	R1
				1039		779.25		\$19,699.44	

SOUTH SIDE

ADDRESS NO.	STREET	PROPERTY OWNER NAME	ROLL NUMBER	FRONT FOOTAGE	CORNER LOT DISCOUNT	ASSESSABLE FRONT FEET	FRONT FOOT RATE	AMOUNT OF ASSESSMENT	ZONING TYPE
600	WRIGHT	CITY OF OWOSSO	010-034-026	321.82	0.75	241.37	\$ 29.68	\$7,163.71	R1; I1
607	WRIGHT	CITY OF OWOSSO	010-033-019	133	0.75	99.75	\$ 25.28	\$2,521.68	R1
602	FRAZER	MCKAY, PENNY; MOSKAITIS, VINCE	010-033-017	133	0.75	99.75	\$ 25.28	\$2,521.68	R1
603	FRAZER	CRANE, NANCY A	010-032-018	133	0.75	99.75	\$ 25.28	\$2,521.68	R1
600	ABREY	K&E ELDRED RENTALS LLC	010-032-017	133	0.75	99.75	\$ 25.28	\$2,521.68	R1
601	ABREY	BUSH, STEVEN M & CHRISTINA M	010-030-009	83	0.75	62.25	\$ 25.28	\$1,573.68	R1
1304	ALLENDALE	SIMMINGTON, THOMAS E	010-030-010	42	1	42.00	\$ 25.28	\$1,061.76	R1
				978.82		744.62		\$19,885.87	

TOTAL ASSESSABLE FRONT FOOTAGE

1523.87

SEE SHEET TWO FOR EXPLANATION OF ASSESSMENT ROLL

**POST BID ASSESSMENT CALCULATIONS
ALLENDALE AVENUE**

ALLENDALE AVENUE FROM GOULD TO EAST CITY LIMITS

SPECIAL ASSESSMENT DISTRICT NO. 2019-02 ROLL

RESO #4

ENGINEER'S ESTIMATE ELIGIBLE AMOUNT	
ASSESSABLE RESIDENTIAL FRONT FEET	1,282.50
ASSESSABLE COMMERCIAL FRONT FEET	241.37
TOTAL ASSESSABLE FRONT FEET	1,523.87

CALCULATING ASSESSABLE FRONT FOOT RATE AND AMOUNTS:

PROPERTY TYPE	RESIDENTIAL PROPERTY	COMMERCIAL PROPERTY	TOTAL
TOTAL ASSEMENT PER TYPE	\$113,072.75	\$113,072.75	
CITY SHARE $\geq 60\%$	\$74,555.04	\$67,843.65	
PROPERTY SHARE @ $\leq 40\%$	\$38,517.71	\$45,229.10	
ASSESSABLE FRONT FOOT RATE: PROP SHARE/ TOTAL FRONT FEET	\$25.28	\$29.68	
TOTAL FRONT FEET PER TYPE	1282.50	241.37	
TOTAL AMOUNT OF ASSESSMENT PER TYPE:	\$32,416.89	\$7,163.84	\$39,580.73

SUMMARY: SPECIAL ASSESSMENT AMOUNTS PER SIDE OF STREET:

NORTH SIDE	\$19,699.44
SOUTH SIDE	\$19,885.87
TOTAL SPECIAL ASSESSMENT	<u>\$39,585.31</u>

ENGINEER'S ESTIMATE - POST BID
ALLENDALE AVENUE

ENGINEER'S ESTIMATE OF PROBABLE COST FOR ALLENDALE AVE, GOULD TO EAST CITY LIMITS - POST BID

							RESO 4		
DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	ELLIGIBLE AMOUNT	CITY COST 60 PERCENT	ASSESSMENT	ASSESSMENT	
							AT 40% RESIDENTIAL	AT 40% COMMERCIAL	
MOBILIZATION, MAX_____	LSUM	1	\$ 10,250.00	\$ 10,250.00	\$ 10,250.00	\$ 6,150.00	\$ 4,100.00	\$ 4,100.00	
PAVT, REM	SYD	35	\$ 12.00	\$ 420.00	\$ -	\$ -	\$ -	\$ -	
EROSION CONTROL, INLET PROTECTION, FABRIC DROP	EA	12	\$ 100.00	\$ 1,200.00	\$ 1,200.00	\$ 720.00	\$ 480.00	\$ 480.00	
TRENCHING, MODIFIED	STA	8	\$ 230.00	\$ 1,840.00	\$ 276.00	\$ 165.60	\$ -	\$ 110.40	
DR STRUCTURE, TEMP LOWERING	EA	8	\$ 250.00	\$ 2,000.00	\$ 2,000.00	\$ 1,200.00	\$ 800.00	\$ 800.00	
AGGREGATE BASE, 9 INCH, MODIFIED	SYD	145	\$ 17.15	\$ 2,486.75	\$ 547.09	\$ 328.25	\$ -	\$ 218.83	
HMA BASE CRUSHING AND SHAPING, MODIFIED (6")	SYD	3354	\$ 0.67	\$ 2,247.18	\$ 741.57	\$ 444.94	\$ -	\$ 296.63	
ASPHALT CEMENT STABALIZED BASE COURSE (4")	SYD	3354	\$ 2.54	\$ 8,519.16	\$ 4,259.58	\$ 2,555.75	\$ -	\$ 1,703.83	
ASPHALT CEMENT BINDER	GAL	5367	\$ 3.04	\$ 16,315.68	\$ 8,157.84	\$ 4,894.70	\$ -	\$ 3,263.14	
APPROACH, CL II	TON	10	\$ 32.00	\$ 320.00	\$ -	\$ -	\$ -	\$ -	
DR STRUCTURE COVER, ADJ, CASE 1	EA	8	\$ 500.00	\$ 4,000.00	\$ 4,000.00	\$ 2,400.00	\$ 1,600.00	\$ 1,600.00	
DR STRUCTURE COVER, ADJ, CASE 2	EA	4	\$ 400.00	\$ 1,600.00	\$ -	\$ -	\$ -	\$ -	
DR STRUCTURE COVER, TYPE EJ 1060	EA	3	\$ 600.00	\$ 1,800.00	\$ 1,800.00	\$ 1,080.00	\$ 720.00	\$ 720.00	
DR STRUCTURE COVER, TYPE EJ 1060 W/ TYPE N OVAL GRATE	EA	4	\$ 625.00	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	
DR STRUCUTRE COVER, TYPE EJ 1120 W/ SOLID GASKET SEALED COVER	EA	4	\$ 650.00	\$ 2,600.00	\$ 2,600.00	\$ 1,560.00	\$ 1,040.00	\$ 1,040.00	
HMA, 13A (4")	TON	738	\$ 72.69	\$ 53,645.22	\$ 53,645.22	\$ 32,187.13	\$ 21,458.09	\$ 21,458.09	
PAVT MRKG, WATERBORNE, 4 INCH, WHITE	FT	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
GATE VALVE, ADJ	EA	5	\$ 250.00	\$ 1,250.00	\$ 1,250.00	\$ 750.00	\$ 500.00	\$ 500.00	
MINOR TRAF DEVICES	LSUM	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 600.00	\$ 400.00	\$ 400.00	
BARRICADE, TYPE III, HIGH INTENSITY, FURN AND OPER	EA	4	\$ 85.00	\$ 340.00	\$ -	\$ -	\$ -	\$ -	
PLASTIC DRUM HIGH INTENSITY, FURN AND OPER	EA	16	\$ 11.50	\$ 184.00	\$ -	\$ -	\$ -	\$ -	
SIGN, TYPE B, TEMP, PRISMATIC, FURN AND OPER	SFT	139	\$ 3.25	\$ 451.75	\$ -	\$ -	\$ -	\$ -	
SUBGRADE UNDERCUTTING, TYPE II	CYD	25	\$ 30.00	\$ 750.00					
MAINTENANCE GRAVEL	TON	10	\$ 40.00	\$ 400.00					
TURF ESTABLISHMENT, PERFORMANCE	SYD	125	\$ 5.00	\$ 625.00					
SUB TOTALS				\$ 116,744.74	\$ 94,227.29	\$ 56,536.38	\$ 32,098.09	\$ 37,690.92	
INDIRECT COSTS:									
ENGINEERING @ 15% OF SUB TOTAL				\$ 17,511.71	\$ 14,134.09	\$ 8,480.46	\$ 4,814.71	\$ 5,653.64	
ADMINISTRATIVE @ 5% OF SUB TOTAL				\$ 5,837.24	\$ 4,711.36	\$ 2,826.82	\$ 1,604.90	\$ 1,884.55	
GRAND TOTALS				\$ 140,093.69	\$ 113,072.75	\$ 67,843.65	\$ 38,517.71	\$ 45,229.10	



MEMORANDUM

301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

DATE: February 22, 2019

TO: Owosso City Council

FROM: Glenn Chinavare, Director of Public Services & Utilities

SUBJECT: Setting Public Hearing for Special Assessment Roll for Monroe Street Resurfacing

RECOMMENDATION:

Approval of Resolution No. 4 which sets the second public hearing for the Monroe Street Resurfacing Project.

BACKGROUND:

This public hearing is intended to provide affected residents with the opportunity to comment regarding their individual assessments.

Step Four/Resolution No. 4 takes place after the bids are received. Estimated assessment amounts are adjusted if necessary to reflect the actual cost as dictated by the bids received. A second public hearing is set to allow property owners to comment on their particular assessment. Each property owner is sent a second notice containing the date and time of the public hearing and the amount of the proposed assessment for their property. City Council sets the second public hearing at its **March 4, 2019** meeting.

Step Five/Resolution No. 5 documents the second public hearing, finalizes the special assessment roll and sets the terms of payment. This public hearing is designed to allow affected citizens the opportunity to argue whether or not the amount of their assessment is fair and equitable in relation to the benefit they receive from the project. If, after hearing citizen comment, the council decides adjustments need to be made to the assessment roll they may do so. Alternately, if it is felt all the assessments are fair and equitable the resolution may be passed as written.

Tonight the council will be considering Resolution No. 4 for the proposed district as a part of the Consent Agenda. Staff recommends authorization of Resolution No. 4 setting a public hearing for Monday, **March 18, 2019** to receive citizen comment regarding the proposed special assessment roll for the following public improvement:

Monroe Street, Public Street, from McMillan Avenue to east city limits

Attachment(s): Monroe Street Resolution No. 4
Special Assessment Roll

RESOLUTION NO.
MONROE STREET
FROM MCMILLAN AVENUE TO EAST CITY LIMITS
SPECIAL ASSESSMENT RESOLUTION NO. 4

WHEREAS, the Assessor has prepared a special assessment roll for the purpose of specially assessing that portion of the cost of the public improvements more particularly hereinafter described to the properties specially benefited by said public improvement, and the same has been presented to the Council by the City Clerk.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Said special assessment roll is hereby accepted and shall be filed in the office of the City Clerk for public examination.
2. The Council shall meet at the Owosso City Hall, Owosso, Michigan at 7:30 o'clock p.m., on Monday, March 18, 2019 for the purpose of hearing all persons interested in said special assessment roll and reviewing the same.
3. The City Clerk is directed to publish the notice of said hearings once in the *Argus Press*, the official newspaper of the City of Owosso, not less than ten (10) days prior to said hearing and shall further cause notice of said hearing to be sent by first class mail to each owner of the property subject to assessment, as indicated by the records in the City Assessor's office as shown on the general tax rolls of the City, at least ten (10) days before the time of said hearing, said notice to be mailed to the addresses shown on said general tax rolls of the City.
4. The notice of said hearing to be published and mailed shall be in substantially the following form:

NOTICE OF HEARING
TO REVIEW SPECIAL ASSESSMENT ROLL
CITY OF OWOSSO, COUNTY OF SHIAWASSEE, MICHIGAN

TO THE OWNERS OF THE FOLLOWING DESCRIBED PROPERTY:

MONROE STREET, A PUBLIC STREET, FROM MCMILLAN AVENUE TO EAST CITY LIMITS

TAKE NOTICE that a Special Assessment roll has been prepared for the purpose of defraying the Special Assessment district's share of the cost of the following described improvements:

STREET RESURFACING

The said Special Assessment roll is on file for public examination with the City Clerk and any objections to said Special Assessment roll must be filed in writing with the City Clerk prior to the close of the hearing to review said Special Assessment roll.

TAKE FURTHER NOTICE that appearance and protest at this hearing is required in order to appeal the amount of the special assessment to the State Tax Tribunal if an appeal should be desired. A property owner or party in interest, his or her agent, may appear in person at the hearing to protest the special assessment or may file his or her appearance by letter and his or her personal appearance shall not be required. The property owner or any person having an interest in the property subject to the proposed special assessments may file a written appeal of the special assessment with the State Tax Tribunal within thirty days after confirmation of the special assessment roll if that special assessment was protested at this hearing.

TAKE FURTHER NOTICE that the City Council will meet at the Owosso City Hall, Owosso, Michigan at 7:30 p.m. on Monday, March 18, 2019 for the purpose of reviewing said special assessment roll and for the purpose of considering all objections to said roll submitted in writing.



City of Owosso

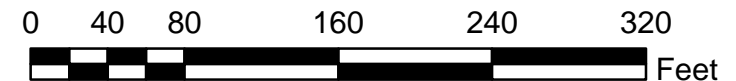
Proposed Special Assessment

Monroe Street
From McMillan Avenue
to East City Limit

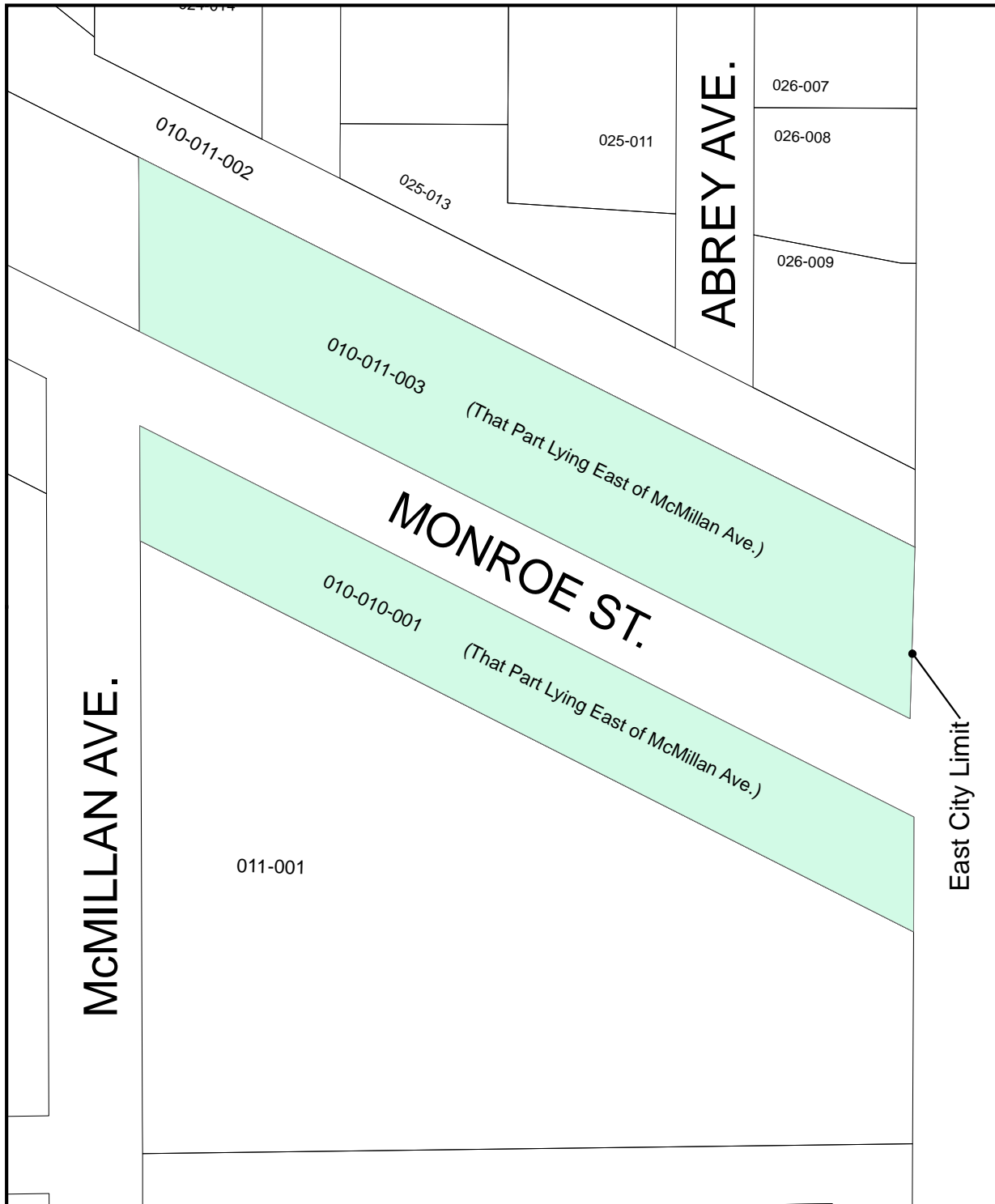


Legend

-  Monroe Street Special Assessment
-  City Parcels 2018 Edition
- 010-011-001 Parcel ID Number



1 inch = 100 feet



SPECIAL ASSESSMENT ROLL
DISTRICT NO. 2019-07 - MONROE STREET
FINAL

MONROE STREET FROM MCMILLAN AVENUE TO EAST CITY LIMITS

SPECIAL ASSESSMENT DISTRICT NO. 2019-07 ROLL

RESO #4

FINAL ASSESSMENT AMOUNTS AFTER ADJUSTMENTS													
PARCEL NUMBER	ADDRESS	PARCEL ACRES	PARCEL SFT	CLASS	STATUS	FRONTAGE FEET ASSESSABLE	LAND VALUE	BUILDING VALUE	TOTAL VALUE	PROPERTY OWNER	TOTAL ENHANCEMENT UNADJUSTED	CAPPED AMOUNT	TOTAL ENHANCEMENT ADJUSTED
010-011-003	1400 MONROE ST	0.46	20,031.50	OTHER	VACANT	400.63	\$ 3,405.36	\$ -	\$ 3,405.36	HURON AND EASTERN RAILROA	\$ 9,466.83	\$ 8,513.39	\$ 8,513.39
010-010-001		0.68	29,646.62	INDUSTRIAL	VACANT	400.63	\$ 5,039.93	\$ -	\$ 5,039.93	CONSUMERS ENERGY	\$ 9,466.83	\$ 12,599.81	\$ 9,466.83
010-011-001*		2.76	120,225.60	INDUSTRIAL	IMPROVED	N/A	N/A	N/A	N/A	TRI-MER	\$ 18,185.68	\$ 18,185.68	\$ 18,185.68
*TRI-MER ASSESSMENT BASED UPON ITS WILLINGNESS TO PARTICIPATE WITH PAVEMENT IMPROVEMENTS												GRAND TOTAL:	\$ 36,165.90
SUMMARY: SPECIAL ASSESSMENT AMOUNTS PER SIDE OF STREET:													
												NORTH SIDE	\$ 8,513.39
												SOUTH SIDE	\$ 27,652.51
												TOTAL SPECIAL ASSESSMENT	\$ 36,165.90
												TOTAL PROJECT COST:	\$ 54,351.59
												TOTAL SPECIAL ASSESMENT:	\$ 36,165.90
												CITY SHARE:	\$ 18,185.69

**SPECIAL ASSESSMENT ROLL
DISTRICT NO. 2019-07 - MONROE STREET
UNADJUSTED**

PAGE 2 OF 3

MONROE STREET FROM MCMILLAN AVENUE TO CITY LIMITS

SPECIAL ASSESSMENT DISTRICT NO. 2019-07 ROLL

RESO #4

UNADJUSTED ASSESSMENT AMOUNTS

NORTH SIDE

ADDRESS NO.	STREET	PROPERTY OWNER NAME	ROLL NUMBER	FRONT FOOTAGE	CORNER LOT DISCOUNT	ASSESSABLE FRONT FEET	FRONT FOOT RATE	AMOUNT OF ASSESSMENT	ZONING TYPE
		HURON AND EASTERN RAILROAD	010-011-003	534.17	0.75	400.63	\$23.63	\$9,466.83	I1
				534.17		400.63		\$9,466.83	

SOUTH SIDE

ADDRESS NO.	STREET	PROPERTY OWNER NAME	ROLL NUMBER	FRONT FOOTAGE	CORNER LOT DISCOUNT	ASSESSABLE FRONT FEET	FRONT FOOT RATE	AMOUNT OF ASSESSMENT	ZONING TYPE
	MONROE ST	CONSUMERS ENERGY	010-010-001	534.17	0.75	400.63	\$23.63	\$9,466.83	I2
1400	MONROE ST	TRI-MER	010-011-001	N/A	N/A	N/A	N/A	\$18,185.68	I2
				534.17		400.63		\$27,652.51	

TOTAL ASSESSABLE FRONT FOOTAGE

801.26

**SPECIAL ASSESSMENT ROLL CALCULATIONS
MONROE STREET**

PAGE 3 OF 3

MONROE ST FROM MCMILLAN AVENUE TO EAST CITY LIMITS

SPECIAL ASSESSMENT DISTRICT NO. 2019-(

RESO #4

ENGINEER'S DETERMINATION OF ASSESSABLE AMOUNT:

TOTAL ASSESSABLE FRONT FEET	801.26
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CALCULATING ASSESSABLE FRONT FOOT RATE AND AMOUNTS:

PROPERTY TYPE	RESIDENTIAL PROPERTY	COMMERCIAL PROPERTY
TOTAL ELIGIBLE FOR ASSESSMENT PER TYPE	\$47,333.23	\$47,333.23
CITY SHARE $\geq 60\%$	\$28,962.27	\$28,399.94
PROPERTY SHARE @ $\leq 40\%$	\$18,370.96	\$18,933.29
ASSESSABLE FRONT FOOT RATE: PROP SHARE/ TOTAL FRONT FOOTAGE	\$22.93	\$23.63

**ENGINEER'S ESTIMATE - POST BID
MONROE STREET**

ENGINEER'S ESTIMATE OF PROBABLE COST FOR MONROE STREET, FROM MCMILLAN AVE. TO CITY LIMITS

RESO 4

DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	ELIGIBLE AMOUNT	CITY COST 60 PERCENT	ASSESSMENT AT 40% RESIDENTIAL	ASSESSMENT AT 40% COMMERCIAL
MOBILIZATION, MAX_____	LSUM	1	\$ 5,330.00	\$ 5,330.00	\$ 5,330.00	\$ 3,198.00	\$ 2,132.00	\$ 2,132.00
EROSION CONTROL, INLET PROTECTION, FABRIC DROP	EA	4	\$ 100.00	\$ 400.00	\$ 400.00	\$ 240.00	\$ 160.00	\$ 160.00
PAVT, REM	SYD	20	\$ 12.00	\$ 240.00	\$ 240.00	\$ 144.00	\$ 96.00	\$ 96.00
AGGREGATE BASE, 9 INCH, MODIFIED	SYD	207	\$ 17.15	\$ 3,550.05	\$ 1,171.52	\$ 702.91	\$ -	\$ 468.61
TRENCHING, MODIFIED	STA	11	\$ 230.00	\$ 2,530.00	\$ 834.90	\$ 500.94	\$ 333.96	\$ 333.96
DR STRUCTURE COVER, ADJ, CASE 2	EA	1	\$ 400.00	\$ 400.00	\$ 400.00	\$ 240.00	\$ 160.00	\$ 160.00
DR STRUCTURE COVER, TYPE EJ 1120 W/ SOLID GASKET SEALED COVER	EA	1	\$ 650.00	\$ 650.00	\$ 650.00	\$ 390.00	\$ 260.00	\$ 260.00
COLD MILLING HMA SURFACE	SYD	1367	\$ 1.82	\$ 2,487.94	\$ 2,487.94	\$ 1,492.76	\$ 995.18	\$ 995.18
SAW CUTTING	FT	100	\$ 4.00	\$ 400.00	\$ 400.00	\$ 240.00	\$ 160.00	\$ 160.00
HMA, 13A	TON	350	\$ 72.69	\$ 25,441.50	\$ 25,441.50	\$ 15,264.90	\$ 10,176.60	\$ 10,176.60
PAVT MRKG, WATERBORNE, 4 INCH, WHITE	FT	0		\$ -	\$ -	\$ -	\$ -	\$ -
MINOR TRAF DEVICES	LSUM	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 600.00	\$ 400.00	\$ 400.00
BARRICADE, TYPE III, HIGH INTENSITY, FURN AND OPER	EA	3	\$ 85.00	\$ 255.00	\$ 255.00	\$ 153.00	\$ 102.00	\$ 102.00
PLASTIC DRUM HIGH INTENSITY, FURN AND OPER	EA	25	\$ 11.50	\$ 287.50	\$ 287.50	\$ 172.50	\$ 115.00	\$ 115.00
SIGN, TYPE B, TEMP, PRISMATIC, FURN AND OPER	SFT	168	\$ 3.25	\$ 546.00	\$ 546.00	\$ 327.60	\$ 218.40	\$ 218.40
SUBGRADE UNDERCUTTING, TYPE II	CYD	25	\$ 30.00	\$ 750.00				
MAINTENANCE GRAVEL	TON	10	\$ 40.00	\$ 400.00				
TURF ESTABLISHMENT, PERFORMANCE	SYD	125	\$ 5.00	\$ 625.00				
SUB TOTALS				\$ 45,292.99	\$ 39,444.36	\$ 23,666.61	\$ 15,309.14	\$ 15,777.74
INDIRECT COSTS:								
ENGINEERING @ 15% OF SUB TOTAL				\$ 6,793.95	\$ 5,916.65	\$ 3,549.99	\$ 2,296.37	\$ 2,366.66
ADMINISTRATIVE @ 5% OF SUB TOTAL				\$ 2,264.65	\$ 1,972.22	\$ 1,183.33	\$ 765.46	\$ 788.89
GRAND TOTALS				\$ 54,351.59	\$ 47,333.23	\$ 28,399.94	\$ 18,370.96	\$ 18,933.29



MEMORANDUM

301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

DATE: February 22, 2019

TO: Owosso City Council

FROM: Glenn Chinavare, Director of Public Services & Utilities

SUBJECT: Setting Public Hearing for Special Assessment Roll for North Street Resurfacing

RECOMMENDATION:

Approval of Resolution No. 4 which sets the second public hearing for the North Street Resurfacing Project.

BACKGROUND:

This public hearing is intended to provide affected residents with the opportunity to comment regarding their individual assessments.

Step Four/Resolution No. 4 takes place after the bids are received. Estimated assessment amounts are adjusted if necessary to reflect the actual cost as dictated by the bids received. A second public hearing is set to allow property owners to comment on their particular assessment. Each property owner is sent a second notice containing the date and time of the public hearing and the amount of the proposed assessment for their property. City Council sets the second public hearing at its **March 4, 2019** meeting.

Step Five/Resolution No. 5 documents the second public hearing, finalizes the special assessment roll and sets the terms of payment. This public hearing is designed to allow affected citizens the opportunity to argue whether or not the amount of their assessment is fair and equitable in relation to the benefit they receive from the project. If, after hearing citizen comment, the council decides adjustments need to be made to the assessment roll they may do so. Alternately, if it is felt all the assessments are fair and equitable the resolution may be passed as written.

Tonight the council will be considering Resolution No. 4 for the proposed district as a part of the Consent Agenda. Staff recommends authorization of Resolution No. 4 setting a public hearing for Monday, **March 18, 2019** to receive citizen comment regarding the proposed special assessment roll for the following public improvement:

North Street, Public Street, from west city limits to Chipman Steet

Attachment(s): Monroe Street Resolution No. 4
Special Assessment Roll

RESOLUTION NO.
NORTH STREET
FROM WEST CITY LIMITS TO CHIPMAN STREET
SPECIAL ASSESSMENT RESOLUTION NO. 4

WHEREAS, the Assessor has prepared a special assessment roll for the purpose of specially assessing that portion of the cost of the public improvements more particularly hereinafter described to the properties specially benefited by said public improvement, and the same has been presented to the Council by the City Clerk.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Said special assessment roll is hereby accepted and shall be filed in the office of the City Clerk for public examination.
2. The Council shall meet at the Owosso City Hall, Owosso, Michigan at 7:30 o'clock p.m., on Monday, March 18, 2019 for the purpose of hearing all persons interested in said special assessment roll and reviewing the same.
3. The City Clerk is directed to publish the notice of said hearings once in the *Argus Press*, the official newspaper of the City of Owosso, not less than ten (10) days prior to said hearing and shall further cause notice of said hearing to be sent by first class mail to each owner of the property subject to assessment, as indicated by the records in the City Assessor's office as shown on the general tax rolls of the City, at least ten (10) days before the time of said hearing, said notice to be mailed to the addresses shown on said general tax rolls of the City.
4. The notice of said hearing to be published and mailed shall be in substantially the following form:

NOTICE OF HEARING
TO REVIEW SPECIAL ASSESSMENT ROLL
CITY OF OWOSSO, COUNTY OF SHIAWASSEE, MICHIGAN

TO THE OWNERS OF THE FOLLOWING DESCRIBED PROPERTY:

NORTH STREET, A PUBLIC STREET, FROM WEST CITY LIMITS TO CHIPMAN STREET

TAKE NOTICE that a Special Assessment roll has been prepared for the purpose of defraying the Special Assessment district's share of the cost of the following described improvements:

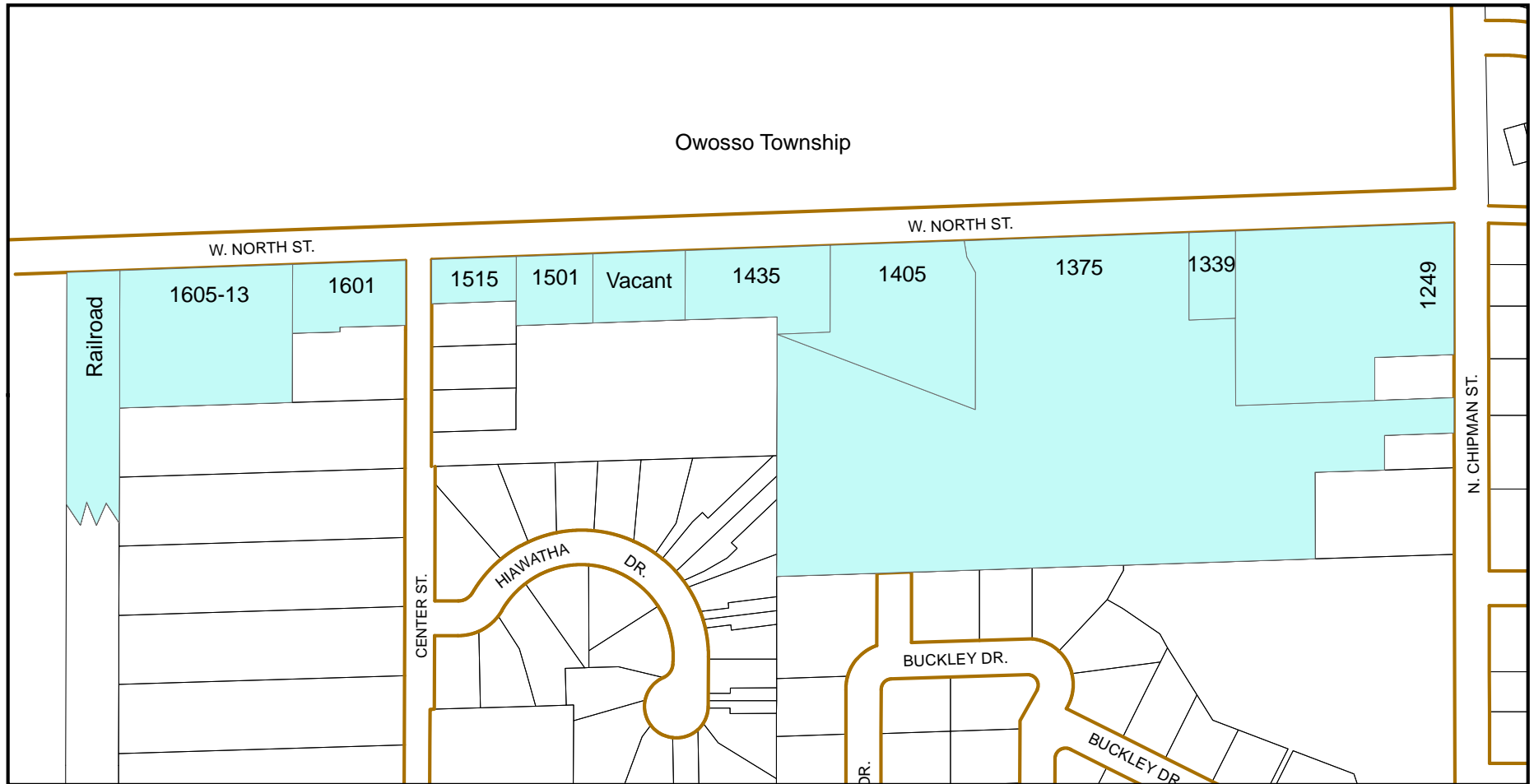
STREET RESURFACING

The said Special Assessment roll is on file for public examination with the City Clerk and any objections to said Special Assessment roll must be filed in writing with the City Clerk prior to the close of the hearing to review said Special Assessment roll.

TAKE FURTHER NOTICE that appearance and protest at this hearing is required in order to appeal the amount of the special assessment to the State Tax Tribunal if an appeal should be desired. A property owner or party in interest, his or her agent, may appear in person at the hearing to protest the special assessment or may file his or her appearance by letter and his or her personal appearance shall not be required. The property owner or any person having an interest in the property subject to the proposed special assessments may file a written appeal of the special assessment with the State Tax Tribunal within thirty days after confirmation of the special assessment roll if that special assessment was protested at this hearing.




TAKE FURTHER NOTICE that the City Council will meet at the Owosso City Hall, Owosso, Michigan at 7:30 p.m. on Monday, March 18, 2019 for the purpose of reviewing said special assessment roll and for the purpose of considering all objections to said roll submitted in writing.

City of Owosso



Proposed Special Assessment North Street from Center Street to Chipman Street

Legend

-  Special Assessment Parcels
-  City Parcels 2018 Edition
-  ROW
- 1501 Street Address Number



1 inch = 300 feet



NORTH ST FROM CITY LIMITS TO CHIPMAN

SPECIAL ASSESSMENT DISTRICT NO. 2019-08 ROLL

RESO #4

NORTH SIDE

ADDRESS NO.	STREET	PROPERTY OWNER NAME	ROLL NUMBER	FRONT FOOTAGE	CORNER LOT DISCOUNT	ASSESSABLE FRONT FEET	FRONT FOOT RATE	AMOUNT OF ASSESSMENT	ZONING TYPE
OWOSSO TOWNSHIP				2239.6	1	2239.60	\$ 14.59	\$32,675.76	
				2239.6		2239.60		\$32,675.76	

SOUTH SIDE

ADDRESS NO.	STREET	PROPERTY OWNER NAME	ROLL NUMBER	FRONT FOOTAGE	CORNER LOT DISCOUNT	ASSESSABLE FRONT FEET	FRONT FOOT RATE	AMOUNT OF ASSESSMENT	ZONING TYPE
	NORTH	GREAT LAKES CENTRAL RAILROAD	450-000-040	30	0.75	22.50	\$ 17.04	\$383.40	I1
1605-13	NORTH	MARRAH, LAWRENCE III; KLINE, JAMES	450-000-022	330	1	330.00	\$ 14.59	\$4,814.70	R1
1601	NORTH	GOETZINGER, ALLAN M JR	450-000-056	215	0.75	161.25	\$ 14.59	\$2,352.64	R1
1515	NORTH	HANSEN, ROBERT & JACQUELIN	450-000-001	160	0.75	120.00	\$ 14.59	\$1,750.80	R1
1501	NORTH	MILLER, ROBERT J JR & MARCIA	450-000-002	43	1	43.00	\$ 14.59	\$627.37	R1
	NORTH	TOMAN, FREDERICK J & KIMBERLY	450-000-042	0	1	0.00	\$ 14.59	\$0.00	R1
1435	NORTH	SAVAGE, AARON	450-000-052	230	1	230.00	\$ 14.59	\$3,355.70	R1
1405	NORTH	COVENANT EYES ENTERPRISES	537-000-063	254.1	1	254.10	\$ 17.04	\$4,329.86	OS1
1375	NORTH	OWOSSO PUBLIC SCHOOLS	537-000-005	426	1	426.00	\$ 14.59	\$6,215.34	R1
1339	NORTH	GILLETT, SHARON A	537-000-009	88	1	88.00	\$ 14.59	\$1,283.92	R1
1249	N CHIPMAN	FIRST FREE METHODIST CHURCH	537-000-011	414	0.75	310.50	\$ 14.59	\$4,530.20	R1
				2190.1		1985.35		\$29,643.93	

TOTAL ASSESSABLE FRONT FOOTAGE

4224.95

SEE SHEET TWO FOR EXPLANATION OF ASSESSMENT ROLL

**POST BID ASSESSMENT CALCULATIONS
NORTH STREET**

NORTH STREET FROM WEST CITY LIMITS TO CHIPMAN ST

SPECIAL ASSESSMENT DISTRICT NO. 2019-08 ROLL

RESO #4

ENGINEER'S DETERMINATION OF ASSESSABLE AMOUNT:

TOTAL ASSESSABLE FRONT FEET 4224.95

CALCULATING ASSESSABLE FRONT FOOT RATE AND AMOUNTS:

	RESIDENTIAL PROPERTY	COMMERCIAL PROPERTY	TOWNSHIP PROPERTY	TOTAL
PROPERTY TYPE				
TOTAL ELIGIBLE FOR ASSESSMENT PER TYPE	\$179,989.71	\$179,989.71	\$179,989.71	
CITY SHARE \geq 60%	\$118,356.75	\$107,993.83	\$108,977.69	
PROPERTY SHARE @ \leq 40%	\$61,632.96	\$71,995.88	\$61,632.96	
ASSESSABLE FRONT FOOT RATE: PROP SHARE/ TOTAL FRONT FOOTAGE	\$14.59	\$17.04	\$14.59	
TOTAL FRONT FEET PER TYPE	1708.75	276.60	2239.60	
TOTAL AMOUNT OF ASSESSMENT PER TYPE:	\$24,927.00	\$4,713.44	\$32,670.96	\$62,311.40

SUMMARY: SPECIAL ASSESSMENT AMOUNTS PER SIDE OF STREET:

NORTH SIDE	\$32,675.76
SOUTH SIDE	\$29,643.93
TOTAL SPECIAL ASSESSMENT	<u>\$62,319.69</u>

ENGINEER'S ESTIMATE - POST BID
NORTH STREET

ENGINEER'S ESTIMATE OF PROBABLE COST FOR NORTH ST, FROM WEST CITY LIMITS TO CHIPMAN

RESO 4

DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	ELLIGIBLE AMOUNT	CITY COST 60 PERCENT	ASSESSMENT AT 40% RESIDENTIAL	ASSESSMENT AT 40% COMMERCIAL
MOBILIZATION, MAX ____	LSUM	1	\$ 20,500.00	\$ 20,500.00	\$ 20,500.00	\$ 12,300.00	\$ 8,200.00	\$ 8,200.00
APPROACH, CL II	TON	15	\$ 32.00	\$ 480.00	\$ 480.00	\$ 288.00	\$ 192.00	\$ 192.00
SHOULDER, CLI	TON	83	\$ 35.00	\$ 2,905.00	\$ 2,905.00	\$ 1,743.00	\$ 1,162.00	\$ 1,162.00
HMA BASE CRUSHING AND SHAPING, MODIFIED (6")	SYD	5387	\$ 0.67	\$ 3,609.29	\$ 1,191.07	\$ 714.64	\$ -	\$ 476.43
ASPHALT CEMENT STABALIZED BASE COURSE (4")	SYD	5387	\$ 2.54	\$ 13,682.98	\$ 6,841.49	\$ 4,104.89	\$ -	\$ 2,736.60
ASPHALT CEMENT BINDER	GAL	8919	\$ 3.04	\$ 27,113.76	\$ 13,556.88	\$ 8,134.13	\$ -	\$ 5,422.75
POST, MAILBOX	EA	10	\$ 85.00	\$ 850.00				
DR STRUCTURE COVER, ADJ, CASE 1	EA	4	\$ 500.00	\$ 2,000.00	\$ 2,000.00	\$ 1,200.00	\$ 800.00	\$ 800.00
DR STRUCTURE, TEMP LOWERING	EA	4	\$ 250.00	\$ 1,000.00	\$ 1,000.00	\$ 600.00	\$ 400.00	\$ 400.00
DR STRUCUTRE COVER, TYPE EJ 1120 W/ SOLID GASKET SEALED COVER	EA	4	\$ 650.00	\$ 2,600.00	\$ 2,600.00	\$ 1,560.00	\$ 1,040.00	\$ 1,040.00
COLD MILLING HMA SURFACE (4")	SYD	5387	\$ 1.82	\$ 9,804.34	\$ 9,804.34	\$ 5,882.60	\$ 3,921.74	\$ 3,921.74
HMA, 13A (4")	TON	1185	\$ 72.69	\$ 86,137.65	\$ 86,137.65	\$ 51,682.59	\$ 34,455.06	\$ 34,455.06
EROSION CONTROL, INLET PROTECTION, FABRIC DROP	EA	8	\$ 100.00	\$ 800.00	\$ 800.00	\$ 480.00	\$ 320.00	\$ 320.00
PAVT MRKG, OVLY COLD PLASTIC, 24 INCH, STOP BAR	FT	33	\$ 25.00	\$ 825.00	\$ 825.00	\$ 495.00	\$ 330.00	\$ 330.00
PAVT MRKG, OVLY COLD PLASTIC, RAILROAD SYM	EA	1	\$ 350.00	\$ 350.00	\$ 350.00	\$ 210.00	\$ 140.00	\$ 140.00
MINOR TRAF DEVICES	LSUM	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 600.00	\$ 400.00	\$ 400.00
BARRICADE, TYPE III, HIGH INTENSITY, FURN AND OPER	EA	4	\$ 85.00	\$ 340.00				
PLASTIC DRUM HIGH INTENSITY, FURN AND OPER	EA	30	\$ 11.50	\$ 345.00				
SIGN, TYPE B, TEMP, PRISMATIC, FURN AND OPER	SFT	218	\$ 3.25	\$ 708.50				
SUBGRADE UNDERCUTTING, TYPE II	CYD	25	\$ 30.00	\$ 750.00				
SIGN, TYPE III, REM	EA	4	\$ 40.00	\$ 160.00				
SIGN, TYPE III, ERECT, SALV	EA	4	\$ 60.00	\$ 240.00				
POST, STEEL, 3 POUND	FT	64	\$ 6.75	\$ 432.00				
TURF ESTABLISHMENT, PERFORMANCE	SYD	125	\$ 5.00	\$ 625.00				
SUB TOTALS				\$ 177,258.52	\$ 149,991.43	\$ 89,994.86	\$ 51,360.80	\$ 59,996.57
INDIRECT COSTS:								
ENGINEERING @ 15% OF SUB TOTAL				\$ 26,588.78	\$ 22,498.71	\$ 13,499.23	\$ 7,704.12	\$ 8,999.49
ADMINISTRATIVE @ 5% OF SUB TOTAL				\$ 8,862.93	\$ 7,499.57	\$ 4,499.74	\$ 2,568.04	\$ 2,999.83
GRAND TOTALS				\$ 212,710.22	\$ 179,989.71	\$ 107,993.83	\$ 61,632.96	\$ 71,995.88



MEMORANDUM

301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

DATE: February 25, 2019

TO: Owosso City Council

FROM: Glenn Chinavare, Director of Public Services & Utilities

SUBJECT: Amendment No. 2 – ENG, Inc. for Washington Street Project

RECOMMENDATION

Approval of Amendment No. 2 to the contract with ENG Engineering & Surveying, Incorporated (Consultant) for additional design engineering and construction engineering services in the amount of \$8,535.00.

BACKGROUND

On March 5, 2018, City Council awarded a contract to ENG Engineering & Surveying, Inc. in the amount of \$104,392.50 for professional engineering services for the 2019 Washington Street Project. On May 21, 2018 City Council approved Amendment No.1 in the amount of \$16,067.50 for engineering design and construction oversight for water main construction under the Huron & Eastern Railroad crossing, south from Corunna Avenue.

Staff has since requested additional engineering services from the Consultant. Geotechnical investigation found unsuitable soils to support the proposed street resurfacing along Washington Street from Gute Street to Stewart Street. The Consultant recommends changing the work scope to pavement replacement and building a new pavement section that will support traffic conditions for the next 20 years. ENG Engineering & Surveying, Inc. is willing to furnish the additional engineering and construction administration services due to changed conditions and has submitted a proposal to perform said services at a total amended cost of \$8,535.00. Staff recommends approving the proposal from the Consultant.

FISCAL IMPACTS

Funds for requested services are available in the Major Street Construction Account No. 202-451-818.000-SWASHWATRO.

Document originated by: Glenn Chinavare, Director of Public Services & Utilities

Attachments: (1) Resolution - Amendment No.2 - ENG Engineering & Surveying, Inc.
(2) Request for Contract Amendment - ENG Engineering & Surveying, Inc.
(3) Amendment No. 2 to the Contract with ENG Engineering & Surveying, Inc.

RESOLUTION NO.

**AUTHORIZING AMENDMENT NO. 2
TO THE SOUTH WASHINGTON STREET RECONSTRUCTION PROJECT
ENGINEERING SERVICES CONTRACT WITH ENG., INC. FOR
ADDITIONAL ENGINEERING SERVICES**

WHEREAS, the City of Owosso, Shiawassee County, Michigan, approved a Contract with Eng., Inc. on March 5, 2018 for Engineering Survey and Design Services for the South Washington Street Reconstruction Project; and

WHEREAS, the city requests additional services of the consultant to provide engineering design and construction administration services for pavement reconstruction along Washington Street, from Gute Street to M-21 (Corunna Avenue) that is beyond the original contractual scope of services; and

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The city of Owosso has theretofore determined that it is advisable, necessary and in the public interest to amend the contract with Eng., Inc. for a cost to the city of Owosso of \$8,535.00 for additional engineering services, as outlined within the attached proposal.
- SECOND: The mayor and city clerk are requested and authorized to sign Contract Amendment No. 2 to the Contract between the City of Owosso, Michigan and Eng., Inc.
- THIRD: The Accounts Payable department is authorized to make payment up to the amended amount of \$128,995.00 to Eng., Inc. upon successful completion of stated work.
- FOURTH: The above expenses shall be paid from the Major Street Construction Account No. 202-451-818.000-SWASHWATRO.

February 22, 2019

Mr. Randy J. Chesney, PE
City Engineer
301 W. Main Street
Owosso, MI 48867

RE: Request for Contract Amendment
Additional Services – Construction Phase

Dear Mr. Chesney:


Eng., Inc. is requesting a Contract Amendment for the following additional services for the Washington Street from Gute Street to M-71 (Corunna Avenue) project.

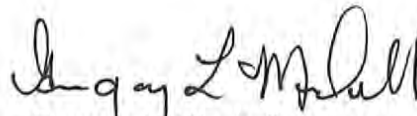
During the design phase of the project, due to poor subgrade soils, the decision was made to completely reconstruct the base and pavement section from Gute Street to Stewart Street. The proposed scope of work for this section was a mill and resurface. Additionally, a geotextile separator has been added to the pavement cross section, which will require additional testing. This change has added an additional week to the construction schedule. The additional construction inspection and testing costs are as follows:

1. Add an additional 50 hours of construction inspection, along with additional construction engineering and oversight.
Cost.....\$3,745.00
 2. Add an additional week of construction material testing and services.
Cost.....\$1,830.00
 3. Add geosynthetic material testing services.
Cost..... \$2,960.00
- Total Cost for this Amendment.....\$8,535.00
- Total Cost of Contract with this Amendment.....\$128,995.00

Thank you for your consideration.
Sincerely,

Eng., Inc.


Erik J. Morris, PE
Project Engineer


Gregory L. Minshall, PE
President

**AMENDMENT NO. 2 TO
A CONTRACT FOR SERVICES WITH
ENG., INC.
FOR THE SOUTH WASHINGTON STREET RECONSTRUCTION PROJECT ENGINEERING SERVICES
CONTRACT**

This amendment is attached and made part of the contract for services for the South Washington Street Reconstruction Project Engineering Services Contract, authorized by City Council March 5, 2018, between the city of Owosso, Michigan (City) and Eng., Inc. (Contractor).

**SOUTH WASHINGTON STREET RECONSTRUCTION PROJECT ENGINEERING SERVICES
CONTRACT**

PROJECT SCOPE OF WORK

The project scope of work is amended as follows;

Eng., Inc. will perform construction administration and testing services for reconstructing road base along Washington Street, from Gute Street to Stewart Street as described in its letter dated February 22, 2019, as attached. This work is a change in scope from the original ENG Proposal.

SCHEDULE

The schedule for the project is amended as follows:

No Change as to Schedule

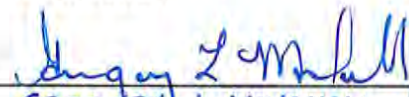
CHANGE IN FEE

The change in fee is amended as follows:

Fee Change is a net increase of \$8,535.00

IN WITNESS WHEREOF the parties hereto have hereunto set their hands and seals the day and date first above written.

For the Contractor:

By: 
Its: GREGORY L. MINSHALL, P.E.
PRESIDENT

By: _____
Its: _____

Executed: FEBRUARY 25, 2019

For the City:

By: _____
Christopher T Eveleth, Mayor

By: _____
Amy K. Kirkland, City Clerk

Executed: _____, 2019



MEMORANDUM

301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

DATE: February 25, 2019
TO: Owosso City Council
FROM: Glenn Chinavare, Director of Public Services & Utilities
SUBJECT: 2019 Street Resurfacing Program-Contract No.1

RECOMMENDATION:

Approval of the low responsive bid from Joe Raica Excavating, Inc. (Fowlerville, MI) for the rehabilitation of Williams Street and Palmer Avenue in the amount of \$861,638.00, and authorization for the Mayor and City Clerk to sign the necessary contract documents.

BACKGROUND:

On January 22, 2019, the City received bids for the 2019 Street Project-Contract No. 1. Work includes replacement of pavement, storm sewer, curb and gutter repairs, ADA sidewalk ramps, altogether with related work items; along portions of Williams Street and Palmer Avenue. Joe Raica. Excavating, Inc. is the confirmed low and most responsive bid and agrees to perform the work for a total cost amount of \$861,638.00. A resolution for awarding the 2019 Street Project-Contract No. 1 to Joe Raica Excavating, Inc. and tabulation of bids received is included for your consideration.

FISCAL IMPACTS:

The project is funded by the City's 2016 Unlimited Obligation Bond Proceeds Account Nos. 202-451-818.000WILLIAMS19 (\$770,000.00) and 203-451-818.000PALMERST19 (\$91,638.00), Plus contingency fund for field adjustments by city staff is also requested in the amount of \$50,000.00.

ATTACHMENTS: Resolution, 2019 Street Project-Contract No. 1
Bid Tabulation 2019 Street Project-Contract No. 1

RESOLUTION NO.

**AUTHORIZING THE EXECUTION OF A CONTRACT WITH
JOE RAICA EXCAVATING, INC. FOR
THE 2019 STREET PROJECT-CONTRACT NO. 1**

WHEREAS, the city of Owosso, Shiawassee County, Michigan, has determined that it is in the best interest of the public to replace water main and perform pavement improvements along portions of Williams Street and Palmer Avenue as set forth in the contract documents; and

WHEREAS, the city has sufficient funds to perform said improvements from its 2016 Unlimited Obligation Bond Proceeds funds to facilitate undertaking of the project; and

WHEREAS, the city of Owosso sought bids for the 2019 Street Project-Contract No. 1, and a bid was received from Joe Raica Excavating, Inc. and it is hereby determined that Joe Raica Excavating, Inc. is qualified to provide such services and that it has submitted the lowest responsible and responsive bid.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

- FIRST: The City of Owosso has heretofore determined that it is advisable, necessary and in the public interest to employ Joe Raica Excavating, Inc. for the 2019 Street Project-Contract No. 1.
- SECOND: The mayor and city clerk are instructed and authorized to sign the document substantially in the form attached as Exhibit A, Contract for Services Between the city of Owosso, Michigan and Joe Raica Excavating, Inc. in the amount of \$861,638.00.
- THIRD: The accounts payable department is authorized to pay Joe Raica Excavating Inc. for work satisfactorily completed on the project up to the bid Contract amount of \$861,638.00, plus a contingency amount not to exceed \$50,000.00 for city field staff adjustments.
- FOURTH: The above expenses shall be paid from the 2016 Unlimited Obligation Bond Proceeds Account Nos. 202-451-818.000WILLIAMS19 (\$770,000.00) and 203-451-818.000PALMERST19 (\$91,638.00).

SUBJECT: 2019 Street Project Contract 1

Road & Storm Sewer: Items 1-68

Engineer's Estimate

Joe Raica Excavating, Inc
3640 Nicholson Rd
Folwerville, MI 48836
Acknowledged Addendum No. 1

Crawford Contracting
P.O. Box 1909
Mt. Pleasant, MI 48804-1909
Acknowledged Addendum No. 1

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization, Max 5%, (Road and Storm)	1	LSUM	\$ 45,000.00	\$ 45,000.00	\$ 32,972.00	\$ 32,972.00	\$ 32,900.00	\$ 32,900.00
2	Dr Structure, Rem	26	Ea	\$ 350.00	\$ 9,100.00	\$ 300.00	\$ 7,800.00	\$ 350.00	\$ 9,100.00
3	Sewer, Rem, Less than 24 inch	1,725	Ft	\$ 10.00	\$ 17,250.00	\$ 10.00	\$ 17,250.00	\$ 6.00	\$ 10,350.00
4	Curb and Gutter, Rem	1,325	Ft	\$ 7.00	\$ 9,275.00	\$ 4.00	\$ 5,300.00	\$ 4.50	\$ 5,962.50
5	Pavt, Rem	318	Syd	\$ 8.00	\$ 2,544.00	\$ 5.00	\$ 1,590.00	\$ 6.00	\$ 1,908.00
6	Sidewalk, Rem	457	Syd	\$ 8.00	\$ 3,656.00	\$ 6.00	\$ 2,742.00	\$ 5.00	\$ 2,285.00
7	Machine Grading, Modified	42	Sta	\$ 750.00	\$ 31,500.00	\$ 900.00	\$ 37,800.00	\$ 550.00	\$ 23,100.00
8	Subgrade Undercutting, Type II	250	Cyd	\$ 25.00	\$ 6,250.00	\$ 25.00	\$ 6,250.00	\$ 25.00	\$ 6,250.00
9	Erosion Control, Inlet Protection, Fabric Drop	20	Ea	\$ 100.00	\$ 2,000.00	\$ 85.00	\$ 1,700.00	\$ 100.00	\$ 2,000.00
10	Erosion Control, Silt Fence	200	Ft	\$ 2.00	\$ 400.00	\$ 2.00	\$ 400.00	\$ 1.00	\$ 200.00
11	Aggregate Base, 6 inch, Modified	1,509	Syd	\$ 13.00	\$ 19,617.00	\$ 14.00	\$ 21,126.00	\$ 10.85	\$ 16,372.65
12	Aggregate Base, 8 inch, Modified	1,443	Syd	\$ 14.00	\$ 20,202.00	\$ 15.25	\$ 22,005.75	\$ 13.64	\$ 19,682.52
13	Aggregate Base, 9 inch, Modified	3,650	Syd	\$ 15.00	\$ 54,750.00	\$ 16.00	\$ 58,400.00	\$ 15.45	\$ 56,392.50
14	Maintenance Gravel	315	Ton	\$ 25.00	\$ 7,875.00	\$ 10.00	\$ 3,150.00	\$ 30.00	\$ 9,450.00
15	Geotextile, Separator	6,602	Syd	\$ 2.00	\$ 13,204.00	\$ 1.50	\$ 9,903.00	\$ 1.75	\$ 11,553.50
16	Sewer, SDR-26, 10 inch, Tr Det B, Modified	345	Ft	\$ 48.00	\$ 16,560.00	\$ 45.00	\$ 15,525.00	\$ 48.71	\$ 16,804.95
17	Sewer, SDR-26, 12 inch, Tr Det B, Modified	231	Ft	\$ 50.00	\$ 11,550.00	\$ 50.00	\$ 11,550.00	\$ 53.75	\$ 12,416.25
18	Sewer, SDR-26, 15 inch, Tr Det B, Modified	32	Ft	\$ 55.00	\$ 1,760.00	\$ 59.00	\$ 1,888.00	\$ 59.00	\$ 1,888.00
19	Sewer, SDR-26, 18 inch, Tr Det B, Modified	10	Ft	\$ 70.00	\$ 700.00	\$ 65.00	\$ 650.00	\$ 67.00	\$ 670.00
20	Sewer, SDR-26, 24 inch, Tr Det B, Modified	872	Ft	\$ 125.00	\$ 109,000.00	\$ 90.00	\$ 78,480.00	\$ 112.00	\$ 97,664.00
21	Sewer, SDR-26, 30 inch, Tr Det A, Modified	145	Ft	\$ 150.00	\$ 21,750.00	\$ 145.00	\$ 21,025.00	\$ 131.00	\$ 18,995.00
22	Sewer, SDR-26, 30 inch, Tr Det B, Modified	507	Ft	\$ 165.00	\$ 83,655.00	\$ 130.00	\$ 65,910.00	\$ 198.00	\$ 100,386.00
23	Sewer Bulkhead, 12 inch	6	Ea	\$ 200.00	\$ 1,200.00	\$ 200.00	\$ 1,200.00	\$ 100.00	\$ 600.00
24	Sewer Bulkhead, 15 inch	2	Ea	\$ 250.00	\$ 500.00	\$ 200.00	\$ 400.00	\$ 100.00	\$ 200.00
25	Sewer Bulkhead, 18 inch	3	Ea	\$ 400.00	\$ 1,200.00	\$ 200.00	\$ 600.00	\$ 100.00	\$ 300.00
26	Dr Structure, Tap, 10 inch	3	Ea	\$ 250.00	\$ 750.00	\$ 750.00	\$ 2,250.00	\$ 250.00	\$ 750.00
27	Dr Structure, Tap, 12 inch	1	Ea	\$ 300.00	\$ 300.00	\$ 800.00	\$ 800.00	\$ 300.00	\$ 300.00
28	Dr Structure, Temp Lowering	8	Ea	\$ 250.00	\$ 2,000.00	\$ 200.00	\$ 1,600.00	\$ 250.00	\$ 2,000.00
29	Dr Structure Cover, Adj, Case 1	9	Ea	\$ 475.00	\$ 4,275.00	\$ 450.00	\$ 4,050.00	\$ 450.00	\$ 4,050.00
30	Dr Structure Collar, Modified	18	Ea	\$ 350.00	\$ 6,300.00	\$ 650.00	\$ 11,700.00	\$ 400.00	\$ 7,200.00
31	Dr Structure Cover, EJ 1060	13	Ea	\$ 600.00	\$ 7,800.00	\$ 550.00	\$ 7,150.00	\$ 700.00	\$ 9,100.00
32	Dr Structure Cover, EJ 1120 w/ Gasket Seal	6	Ea	\$ 650.00	\$ 3,900.00	\$ 600.00	\$ 3,600.00	\$ 700.00	\$ 4,200.00
33	Dr Structure Cover, EJ 7000	14	Ea	\$ 700.00	\$ 9,800.00	\$ 725.00	\$ 10,150.00	\$ 900.00	\$ 12,600.00
34	Dr Structure 36 inch dia, Modified	11	Ea	\$ 1,500.00	\$ 16,500.00	\$ 1,500.00	\$ 16,500.00	\$ 1,500.00	\$ 16,500.00
35	Dr Structure 48 inch dia, Modified	8	Ea	\$ 2,000.00	\$ 16,000.00	\$ 1,950.00	\$ 15,600.00	\$ 2,000.00	\$ 16,000.00
36	Dr Structure 60 inch dia, Modified	7	Ea	\$ 3,500.00	\$ 24,500.00	\$ 3,000.00	\$ 21,000.00	\$ 3,700.00	\$ 25,900.00
37	Dr Structure 72 inch dia, Modified	1	Ea	\$ 5,500.00	\$ 5,500.00	\$ 6,000.00	\$ 6,000.00	\$ 5,500.00	\$ 5,500.00
38	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4	Ft	\$ 100.00	\$ 400.00	\$ 350.00	\$ 1,400.00	\$ 100.00	\$ 400.00
39	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	18	Ft	\$ 150.00	\$ 2,700.00	\$ 450.00	\$ 8,100.00	\$ 150.00	\$ 2,700.00
40	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	3	Ft	\$ 180.00	\$ 540.00	\$ 800.00	\$ 2,400.00	\$ 200.00	\$ 600.00
41	Culv End Sect, Metal, 30 inch	1	Ea	\$ 650.00	\$ 650.00	\$ 450.00	\$ 450.00	\$ 400.00	\$ 400.00

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/22/2019

DEPT. Engineering

SUBJECT: 2019 Street Project Contract 1 (Cont. Pg 2)

Road & Storm Sewer: Items 1-68

Engineer's Estimate

Joe Raica Excavating, Inc
3640 Nicholson Rd
Folwerville, MI 48836
Acknowledged Addendum No. 1

Crawford Contracting
P.O. Box 1909
Mt. Pleasant, MI 48804-1909
Acknowledged Addendum No. 1

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
42	Riprap, Heavy, LM	10	Cyd	\$ 150.00	\$ 1,500.00	\$ 125.00	\$ 1,250.00	\$ 150.00	\$ 1,500.00
43	HMA Surface, Rem	6,603	Syd	\$ 3.00	\$ 19,809.00	\$ 4.00	\$ 26,412.00	\$ 2.00	\$ 13,206.00
44	Hand Patching	10	Ton	\$ 125.00	\$ 1,250.00	\$ 115.00	\$ 1,150.00	\$ 100.00	\$ 1,000.00
45	HMA, 13A	321	Ton	\$ 70.00	\$ 22,470.00	\$ 82.00	\$ 26,322.00	\$ 71.00	\$ 22,791.00
46	HMA, 2C	1,405	Ton	\$ 85.00	\$ 119,425.00	\$ 88.00	\$ 123,640.00	\$ 69.00	\$ 96,945.00
47	HMA, 5E3	469	Ton	\$ 88.00	\$ 41,272.00	\$ 90.00	\$ 42,210.00	\$ 80.00	\$ 37,520.00
48	HMA Approach	15	Ton	\$ 125.00	\$ 1,875.00	\$ 115.00	\$ 1,725.00	\$ 75.00	\$ 1,125.00
49	Cement	2	Ton	\$ 250.00	\$ 500.00	\$ 250.00	\$ 500.00	\$ 175.00	\$ 350.00
50	Saw Cutting	200	Ft	\$ 3.00	\$ 600.00	\$ 3.00	\$ 600.00	\$ 3.00	\$ 600.00
51	Driveway, Nonreinf Conc, 6 inch	235	Syd	\$ 45.00	\$ 10,575.00	\$ 45.00	\$ 10,575.00	\$ 31.33	\$ 7,362.55
52	Approach, CI II, LM	10	Cyd	\$ 50.00	\$ 500.00	\$ 40.00	\$ 400.00	\$ 40.00	\$ 400.00
53	Curb and Gutter, Conc, Det F4, Modified	1,325	Ft	\$ 20.00	\$ 26,500.00	\$ 20.00	\$ 26,500.00	\$ 14.00	\$ 18,550.00
54	Detectable Warning Surface, Modified	145	Ft	\$ 40.00	\$ 5,800.00	\$ 70.00	\$ 10,150.00	\$ 72.00	\$ 10,440.00
55	Sidewalk Ramp, Conc, 4 inch	2,465	Sft	\$ 5.00	\$ 12,325.00	\$ 6.00	\$ 14,790.00	\$ 6.25	\$ 15,406.25
56	Sidewalk, Conc, 4 inch	1,118	Sft	\$ 4.50	\$ 5,031.00	\$ 4.50	\$ 5,031.00	\$ 3.75	\$ 4,192.50
57	Sidewalk, Conc, 6 inch	645	Sft	\$ 5.00	\$ 3,225.00	\$ 5.50	\$ 3,547.50	\$ 4.00	\$ 2,580.00
58	Valve Box, Adj	6	Ea	\$ 200.00	\$ 1,200.00	\$ 175.00	\$ 1,050.00	\$ 300.00	\$ 1,800.00
59	Sanitary Serv Conflict	5	Ea	\$ 1,350.00	\$ 6,750.00	\$ 1,000.00	\$ 5,000.00	\$ 250.00	\$ 1,250.00
60	Abandoned Gas Main Conflict	10	Ea	\$ 500.00	\$ 5,000.00	\$ 250.00	\$ 2,500.00	\$ 100.00	\$ 1,000.00
61	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	10	Ea	\$ 100.00	\$ 1,000.00	\$ 60.00	\$ 600.00	\$ 75.00	\$ 750.00
62	Pedestrian Type II Barricade, Temp	20	Ea	\$ 150.00	\$ 3,000.00	\$ 60.00	\$ 1,200.00	\$ 90.00	\$ 1,800.00
63	Lighted Arrow, Type C, Furn & Oper	2	Ea	\$ 300.00	\$ 600.00	\$ 400.00	\$ 800.00	\$ 280.00	\$ 560.00
64	Minor Traf Devices	1	LSUM	\$ 10,000.00	\$ 10,000.00	\$ 4,000.00	\$ 4,000.00	\$ 43,500.00	\$ 43,500.00
65	Plastic Drum, High Intensity, Furn & Oper	90	EA	\$ 20.00	\$ 1,800.00	\$ 11.00	\$ 990.00	\$ 11.00	\$ 990.00
66	Sign, Type B, Temp, Prismatic, Furn & Oper	475	Sft	\$ 5.00	\$ 2,375.00	\$ 4.25	\$ 2,018.75	\$ 3.15	\$ 1,496.25
67	Turf Establishment, Performance	1,742	Syd	\$ 6.00	\$ 10,452.00	\$ 5.00	\$ 8,710.00	\$ 5.00	\$ 8,710.00
68	Tree, Rem, 6 inch to 18 inch	2	Ea	\$ 500.00	\$ 1,000.00	\$ 800.00	\$ 1,600.00	\$ 400.00	\$ 800.00
TOTAL BID ROAD AND STORM SEWER:				\$	908,247.00	\$	861,638.00	\$	862,255.42

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/22/2019

DEPT. Engineering

SUBJECT: 2019 Street Project Contract 1 (Cont. Pg 3)

Road & Storm Sewer: Items 1-68

McGuirk Sand and Gravel
P.O. Box 530
Mt. Pleasant, MI 48804-0530
Acknowledged Addendum No. 1

Zito Construction Co.
8033 Fenton Road
Grand Blanc, MI 48439-8998

Champagne & Marx Excavating, Inc.
1445 Liberty Road
Saginaw, MI 48604
Acknowledged Addendum No. 1

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization, Max 5%, (Road and Storm)	1	LSUM	\$ 42,500.00	\$ 42,500.00	\$ 45,000.00	\$ 45,000.00	\$ 14,338.62	\$ 14,338.62
2	Dr Structure, Rem	26	Ea	\$ 297.00	\$ 7,722.00	\$ 300.00	\$ 7,800.00	\$ 917.71	\$ 23,860.46
3	Sewer, Rem, Less than 24 inch	1,725	Ft	\$ 10.00	\$ 17,250.00	\$ 16.00	\$ 27,600.00	\$ 20.84	\$ 35,949.00
4	Curb and Gutter, Rem	1,325	Ft	\$ 8.10	\$ 10,732.50	\$ 8.00	\$ 10,600.00	\$ 3.30	\$ 4,372.50
5	Pavt, Rem	318	Syd	\$ 6.90	\$ 2,194.20	\$ 9.00	\$ 2,862.00	\$ 6.06	\$ 1,927.08
6	Sidewalk, Rem	457	Syd	\$ 7.50	\$ 3,427.50	\$ 9.00	\$ 4,113.00	\$ 4.40	\$ 2,010.80
7	Machine Grading, Modified	42	Sta	\$ 1,020.00	\$ 42,840.00	\$ 1,100.00	\$ 46,200.00	\$ 794.35	\$ 33,362.70
8	Subgrade Undercutting, Type II	250	Cyd	\$ 22.50	\$ 5,625.00	\$ 21.00	\$ 5,250.00	\$ 40.88	\$ 10,220.00
9	Erosion Control, Inlet Protection, Fabric Drop	20	Ea	\$ 92.50	\$ 1,850.00	\$ 75.00	\$ 1,500.00	\$ 133.81	\$ 2,676.20
10	Erosion Control, Silt Fence	200	Ft	\$ 3.00	\$ 600.00	\$ 3.00	\$ 600.00	\$ 1.70	\$ 340.00
11	Aggregate Base, 6 inch, Modified	1,509	Syd	\$ 9.30	\$ 14,033.70	\$ 12.00	\$ 18,108.00	\$ 8.20	\$ 12,373.80
12	Aggregate Base, 8 inch, Modified	1,443	Syd	\$ 12.50	\$ 18,037.50	\$ 16.00	\$ 23,088.00	\$ 10.99	\$ 15,858.57
13	Aggregate Base, 9 inch, Modified	3,650	Syd	\$ 13.50	\$ 49,275.00	\$ 17.00	\$ 62,050.00	\$ 12.30	\$ 44,895.00
14	Maintenance Gravel	315	Ton	\$ 39.50	\$ 12,442.50	\$ 30.00	\$ 9,450.00	\$ 29.29	\$ 9,226.35
15	Geotextile, Separator	6,602	Syd	\$ 1.50	\$ 9,903.00	\$ 1.65	\$ 10,893.30	\$ 1.51	\$ 9,969.02
16	Sewer, SDR-26, 10 inch, Tr Det B, Modified	345	Ft	\$ 44.00	\$ 15,180.00	\$ 46.00	\$ 15,870.00	\$ 50.86	\$ 17,546.70
17	Sewer, SDR-26, 12 inch, Tr Det B, Modified	231	Ft	\$ 55.50	\$ 12,820.50	\$ 52.00	\$ 12,012.00	\$ 76.49	\$ 17,669.19
18	Sewer, SDR-26, 15 inch, Tr Det B, Modified	32	Ft	\$ 62.00	\$ 1,984.00	\$ 61.00	\$ 1,952.00	\$ 95.48	\$ 3,055.36
19	Sewer, SDR-26, 18 inch, Tr Det B, Modified	10	Ft	\$ 108.00	\$ 1,080.00	\$ 70.00	\$ 700.00	\$ 133.28	\$ 1,332.80
20	Sewer, SDR-26, 24 inch, Tr Det B, Modified	872	Ft	\$ 107.00	\$ 93,304.00	\$ 94.00	\$ 81,968.00	\$ 130.76	\$ 114,022.72
21	Sewer, SDR-26, 30 inch, Tr Det A, Modified	145	Ft	\$ 146.00	\$ 21,170.00	\$ 160.00	\$ 23,200.00	\$ 152.36	\$ 22,092.20
22	Sewer, SDR-26, 30 inch, Tr Det B, Modified	507	Ft	\$ 168.00	\$ 85,176.00	\$ 165.00	\$ 83,655.00	\$ 171.01	\$ 86,702.07
23	Sewer Bulkhead, 12 inch	6	Ea	\$ 187.00	\$ 1,122.00	\$ 200.00	\$ 1,200.00	\$ 96.10	\$ 576.60
24	Sewer Bulkhead, 15 inch	2	Ea	\$ 221.00	\$ 442.00	\$ 220.00	\$ 440.00	\$ 229.99	\$ 459.98
25	Sewer Bulkhead, 18 inch	3	Ea	\$ 297.00	\$ 891.00	\$ 250.00	\$ 750.00	\$ 192.19	\$ 576.57
26	Dr Structure, Tap, 10 inch	3	Ea	\$ 951.00	\$ 2,853.00	\$ 300.00	\$ 900.00	\$ 282.11	\$ 846.33
27	Dr Structure, Tap, 12 inch	1	Ea	\$ 1,175.00	\$ 1,175.00	\$ 300.00	\$ 300.00	\$ 282.11	\$ 282.11
28	Dr Structure, Temp Lowering	8	Ea	\$ 257.00	\$ 2,056.00	\$ 195.00	\$ 1,560.00	\$ 174.34	\$ 1,394.72
29	Dr Structure Cover, Adj, Case 1	9	Ea	\$ 376.00	\$ 3,384.00	\$ 515.00	\$ 4,635.00	\$ 398.70	\$ 3,588.30
30	Dr Structure Collar, Modified	18	Ea	\$ 1,105.00	\$ 19,890.00	\$ 814.00	\$ 14,652.00	\$ 604.24	\$ 10,876.32
31	Dr Structure Cover, EJ 1060	13	Ea	\$ 658.00	\$ 8,554.00	\$ 500.00	\$ 6,500.00	\$ 606.31	\$ 7,882.03
32	Dr Structure Cover, EJ 1120 w/ Gasket Seal	6	Ea	\$ 646.00	\$ 3,876.00	\$ 555.00	\$ 3,330.00	\$ 582.99	\$ 3,497.94
33	Dr Structure Cover, EJ 7000	14	Ea	\$ 850.00	\$ 11,900.00	\$ 706.00	\$ 9,884.00	\$ 781.21	\$ 10,936.94
34	Dr Structure 36 inch dia, Modified	11	Ea	\$ 1,130.00	\$ 12,430.00	\$ 1,200.00	\$ 13,200.00	\$ 2,260.93	\$ 24,870.23
35	Dr Structure 48 inch dia, Modified	8	Ea	\$ 1,735.00	\$ 13,880.00	\$ 1,600.00	\$ 12,800.00	\$ 2,594.40	\$ 20,755.20
36	Dr Structure 60 inch dia, Modified	7	Ea	\$ 3,150.00	\$ 22,050.00	\$ 2,500.00	\$ 17,500.00	\$ 3,677.60	\$ 25,743.20
37	Dr Structure 72 inch dia, Modified	1	Ea	\$ 4,875.00	\$ 4,875.00	\$ 6,600.00	\$ 6,600.00	\$ 5,851.63	\$ 5,851.63
38	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4	Ft	\$ 298.00	\$ 1,192.00	\$ 210.00	\$ 840.00	\$ 273.83	\$ 1,095.32
39	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	18	Ft	\$ 380.00	\$ 6,840.00	\$ 270.00	\$ 4,860.00	\$ 355.45	\$ 6,398.10
40	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	3	Ft	\$ 673.00	\$ 2,019.00	\$ 400.00	\$ 1,200.00	\$ 623.44	\$ 1,870.32
41	Culv End Sect, Metal, 30 inch	1	Ea	\$ 511.00	\$ 511.00	\$ 717.00	\$ 717.00	\$ 509.26	\$ 509.26

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/22/2019

DEPT. Engineering

SUBJECT: 2019 Street Project Contract 1 (Cont. Pg 4)

Road & Storm Sewer: Items 1-68

McGuirk Sand and Gravel
P.O. Box 530
Mt. Pleasant, MI 48804-0530
Acknowledged Addendum No. 1

Zito Construction Co.
8033 Fenton Road
Grand Blanc, MI 48439-8998

Champagne & Marx Excavating, Inc.
1445 Liberty Road
Saginaw, MI 48604
Acknowledged Addendum No. 1

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
42	Riprap, Heavy, LM	10	Cyd	\$ 219.000	\$ 2,190.00	\$ 140.00	\$ 1,400.00	\$ 145.07	\$ 1,450.70
43	HMA Surface, Rem	6,603	Syd	\$ 1.60	\$ 10,564.80	\$ 5.00	\$ 33,015.00	\$ 2.35	\$ 15,517.05
44	Hand Patching	10	Ton	\$ 101.00	\$ 1,010.00	\$ 150.00	\$ 1,500.00	\$ 132.00	\$ 1,320.00
45	HMA, 13A	321	Ton	\$ 71.50	\$ 22,951.50	\$ 111.00	\$ 35,631.00	\$ 119.90	\$ 38,487.90
46	HMA, 2C	1,405	Ton	\$ 69.50	\$ 97,647.50	\$ 72.00	\$ 101,160.00	\$ 78.10	\$ 109,730.50
47	HMA, 5E3	469	Ton	\$ 80.50	\$ 37,754.50	\$ 105.00	\$ 49,245.00	\$ 113.30	\$ 53,137.70
48	HMA Approach	15	Ton	\$ 75.50	\$ 1,132.50	\$ 130.00	\$ 1,950.00	\$ 132.00	\$ 1,980.00
49	Cement	2	Ton	\$ 501.00	\$ 1,002.00	\$ 200.00	\$ 400.00	\$ 192.50	\$ 385.00
50	Saw Cutting	200	Ft	\$ 4.00	\$ 800.00	\$ 3.00	\$ 600.00	\$ 2.20	\$ 440.00
51	Driveway, Nonreinf Conc, 6 inch	235	Syd	\$ 41.50	\$ 9,752.50	\$ 40.00	\$ 9,400.00	\$ 32.17	\$ 7,559.95
52	Approach, CI II, LM	10	Cyd	\$ 81.00	\$ 810.00	\$ 41.00	\$ 410.00	\$ 86.74	\$ 867.40
53	Curb and Gutter, Conc, Det F4, Modified	1,325	Ft	\$ 19.00	\$ 25,175.00	\$ 19.00	\$ 25,175.00	\$ 15.40	\$ 20,405.00
54	Detectable Warning Surface, Modified	145	Ft	\$ 72.00	\$ 10,440.00	\$ 62.00	\$ 8,990.00	\$ 79.20	\$ 11,484.00
55	Sidewalk Ramp, Conc, 4 inch	2,465	Sft	\$ 6.60	\$ 16,269.00	\$ 7.00	\$ 17,255.00	\$ 7.70	\$ 18,980.50
56	Sidewalk, Conc, 4 inch	1,118	Sft	\$ 4.20	\$ 4,695.60	\$ 5.00	\$ 5,590.00	\$ 3.85	\$ 4,304.30
57	Sidewalk, Conc, 6 inch	645	Sft	\$ 4.70	\$ 3,031.50	\$ 5.20	\$ 3,354.00	\$ 4.12	\$ 2,657.40
58	Valve Box, Adj	6	Ea	\$ 192.00	\$ 1,152.00	\$ 188.00	\$ 1,128.00	\$ 340.40	\$ 2,042.40
59	Sanitary Serv Conflict	5	Ea	\$ 1,255.00	\$ 6,275.00	\$ 660.00	\$ 3,300.00	\$ 399.44	\$ 1,997.20
60	Abandoned Gas Main Conflict	10	Ea	\$ 246.00	\$ 2,460.00	\$ 450.00	\$ 4,500.00	\$ 174.76	\$ 1,747.60
61	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	10	Ea	\$ 75.50	\$ 755.00	\$ 82.00	\$ 820.00	\$ 82.50	\$ 825.00
62	Pedestrian Type II Barricade, Temp	20	Ea	\$ 90.50	\$ 1,810.00	\$ 110.00	\$ 2,200.00	\$ 104.50	\$ 2,090.00
63	Lighted Arrow, Type C, Furn & Oper	2	Ea	\$ 282.00	\$ 564.00	\$ 700.00	\$ 1,400.00	\$ 604.99	\$ 1,209.98
64	Minor Traf Devices	1	LSUM	\$ 5,850.00	\$ 5,850.00	\$ 6,700.00	\$ 6,700.00	\$ 3,024.96	\$ 3,024.96
65	Plastic Drum, High Intensity, Furn & Oper	90	EA	\$ 11.00	\$ 990.00	\$ 20.00	\$ 1,800.00	\$ 16.50	\$ 1,485.00
66	Sign, Type B, Temp, Prismatic, Furn & Oper	475	Sft	\$ 3.20	\$ 1,520.00	\$ 5.00	\$ 2,375.00	\$ 4.67	\$ 2,218.25
67	Turf Establishment, Performance	1,742	Syd	\$ 6.20	\$ 10,800.40	\$ 5.50	\$ 9,581.00	\$ 7.43	\$ 12,943.06
68	Tree, Rem, 6 inch to 18 inch	2	Ea	\$ 1,210.00	\$ 2,420.00	\$ 1,400.35	\$ 2,800.70	\$ 1,099.99	\$ 2,199.98
TOTAL BID ROAD AND STORM SEWER:				\$	868,910.20	\$	928,019.00	\$	932,303.07

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/22/2019

DEPT. Engineering

SUBJECT: 2019 Street Project Contract 1 (Cont. Pg 5)

Road & Storm Sewer: Items 1-68

Malley Construction, Inc.
1565 Park Place
Mt. Pleasant, MI 48858E. R. Zeiler Excavating, Inc.
125 W Substation
Temperance, MI 48182
Acknowledged Addendum No. 1Waldorf & Sons, Inc.
9118 N. Dort Highway
Mt. Morris, MI 48458
Acknowledged Addendum No. 1

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization, Max 5%, (Road and Storm)	1	LSUM	\$ 49,000.00	\$ 49,000.00	\$ 23,000.00	\$ 23,000.00	\$ 2,500.00	\$ 2,500.00
2	Dr Structure, Rem	26	Ea	\$ 375.00	\$ 9,750.00	\$ 300.00	\$ 7,800.00	\$ 665.00	\$ 17,290.00
3	Sewer, Rem, Less than 24 inch	1,725	Ft	\$ 8.25	\$ 14,231.25	\$ 10.40	\$ 17,940.00	\$ 15.42	\$ 26,599.50
4	Curb and Gutter, Rem	1,325	Ft	\$ 5.70	\$ 7,552.50	\$ 5.60	\$ 7,420.00	\$ 17.15	\$ 22,723.75
5	Pavt, Rem	318	Syd	\$ 5.35	\$ 1,701.30	\$ 7.50	\$ 2,385.00	\$ 6.35	\$ 2,019.30
6	Sidewalk, Rem	457	Syd	\$ 8.60	\$ 3,930.20	\$ 5.25	\$ 2,399.25	\$ 19.17	\$ 8,760.69
7	Machine Grading, Modified	42	Sta	\$ 840.00	\$ 35,280.00	\$ 1,000.00	\$ 42,000.00	\$ 85.71	\$ 3,599.82
8	Subgrade Undercutting, Type II	250	Cyd	\$ 19.25	\$ 4,812.50	\$ 24.00	\$ 6,000.00	\$ 27.28	\$ 6,820.00
9	Erosion Control, Inlet Protection, Fabric Drop	20	Ea	\$ 85.00	\$ 1,700.00	\$ 100.00	\$ 2,000.00	\$ 285.00	\$ 5,700.00
10	Erosion Control, Silt Fence	200	Ft	\$ 1.75	\$ 350.00	\$ 2.00	\$ 400.00	\$ 1.50	\$ 300.00
11	Aggregate Base, 6 inch, Modified	1,509	Syd	\$ 12.00	\$ 18,108.00	\$ 10.50	\$ 15,844.50	\$ 6.36	\$ 9,597.24
12	Aggregate Base, 8 inch, Modified	1,443	Syd	\$ 13.75	\$ 19,841.25	\$ 13.50	\$ 19,480.50	\$ 10.37	\$ 14,963.91
13	Aggregate Base, 9 inch, Modified	3,650	Syd	\$ 14.00	\$ 51,100.00	\$ 14.50	\$ 52,925.00	\$ 12.79	\$ 46,683.50
14	Maintenance Gravel	315	Ton	\$ 29.00	\$ 9,135.00	\$ 25.00	\$ 7,875.00	\$ 29.51	\$ 9,295.65
15	Geotextile, Separator	6,602	Syd	\$ 1.25	\$ 8,252.50	\$ 1.50	\$ 9,903.00	\$ 0.30	\$ 1,980.60
16	Sewer, SDR-26, 10 inch, Tr Det B, Modified	345	Ft	\$ 52.00	\$ 17,940.00	\$ 65.00	\$ 22,425.00	\$ 90.06	\$ 31,070.70
17	Sewer, SDR-26, 12 inch, Tr Det B, Modified	231	Ft	\$ 56.00	\$ 12,936.00	\$ 65.00	\$ 15,015.00	\$ 94.25	\$ 21,771.75
18	Sewer, SDR-26, 15 inch, Tr Det B, Modified	32	Ft	\$ 111.00	\$ 3,552.00	\$ 75.00	\$ 2,400.00	\$ 140.98	\$ 4,511.36
19	Sewer, SDR-26, 18 inch, Tr Det B, Modified	10	Ft	\$ 85.00	\$ 850.00	\$ 140.00	\$ 1,400.00	\$ 207.25	\$ 2,072.50
20	Sewer, SDR-26, 24 inch, Tr Det B, Modified	872	Ft	\$ 105.00	\$ 91,560.00	\$ 120.00	\$ 104,640.00	\$ 151.36	\$ 131,985.92
21	Sewer, SDR-26, 30 inch, Tr Det A, Modified	145	Ft	\$ 145.00	\$ 21,025.00	\$ 125.00	\$ 18,125.00	\$ 162.91	\$ 23,621.95
22	Sewer, SDR-26, 30 inch, Tr Det B, Modified	507	Ft	\$ 165.00	\$ 83,655.00	\$ 185.00	\$ 93,795.00	\$ 178.65	\$ 90,575.55
23	Sewer Bulkhead, 12 inch	6	Ea	\$ 190.00	\$ 1,140.00	\$ 500.00	\$ 3,000.00	\$ 1,000.00	\$ 6,000.00
24	Sewer Bulkhead, 15 inch	2	Ea	\$ 200.00	\$ 400.00	\$ 500.00	\$ 1,000.00	\$ 1,500.00	\$ 3,000.00
25	Sewer Bulkhead, 18 inch	3	Ea	\$ 250.00	\$ 750.00	\$ 600.00	\$ 1,800.00	\$ 1,800.00	\$ 5,400.00
26	Dr Structure, Tap, 10 inch	3	Ea	\$ 285.00	\$ 855.00	\$ 1,150.00	\$ 3,450.00	\$ 1,500.00	\$ 4,500.00
27	Dr Structure, Tap, 12 inch	1	Ea	\$ 335.00	\$ 335.00	\$ 1,150.00	\$ 1,150.00	\$ 1,800.00	\$ 1,800.00
28	Dr Structure, Temp Lowering	8	Ea	\$ 205.00	\$ 1,640.00	\$ 250.00	\$ 2,000.00	\$ 500.00	\$ 4,000.00
29	Dr Structure Cover, Adj, Case 1	9	Ea	\$ 235.00	\$ 2,115.00	\$ 850.00	\$ 7,650.00	\$ 277.78	\$ 2,500.02
30	Dr Structure Collar, Modified	18	Ea	\$ 880.00	\$ 15,840.00	\$ 530.00	\$ 9,540.00	\$ 840.00	\$ 15,120.00
31	Dr Structure Cover, EJ 1060	13	Ea	\$ 600.00	\$ 7,800.00	\$ 565.00	\$ 7,345.00	\$ 600.00	\$ 7,800.00
32	Dr Structure Cover, EJ 1120 w/ Gasket Seal	6	Ea	\$ 550.00	\$ 3,300.00	\$ 510.00	\$ 3,060.00	\$ 290.00	\$ 1,740.00
33	Dr Structure Cover, EJ 7000	14	Ea	\$ 775.00	\$ 10,850.00	\$ 715.00	\$ 10,010.00	\$ 750.00	\$ 10,500.00
34	Dr Structure 36 inch dia, Modified	11	Ea	\$ 1,750.00	\$ 19,250.00	\$ 2,000.00	\$ 22,000.00	\$ 1,098.18	\$ 12,079.98
35	Dr Structure 48 inch dia, Modified	8	Ea	\$ 2,100.00	\$ 16,800.00	\$ 2,100.00	\$ 16,800.00	\$ 1,422.25	\$ 11,378.00
36	Dr Structure 60 inch dia, Modified	7	Ea	\$ 3,800.00	\$ 26,600.00	\$ 3,000.00	\$ 21,000.00	\$ 3,080.00	\$ 21,560.00
37	Dr Structure 72 inch dia, Modified	1	Ea	\$ 5,000.00	\$ 5,000.00	\$ 3,700.00	\$ 3,700.00	\$ 5,125.00	\$ 5,125.00
38	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4	Ft	\$ 200.00	\$ 800.00	\$ 100.00	\$ 400.00	\$ 431.32	\$ 1,725.28
39	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	18	Ft	\$ 250.00	\$ 4,500.00	\$ 150.00	\$ 2,700.00	\$ 372.22	\$ 6,699.96
40	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	3	Ft	\$ 350.00	\$ 1,050.00	\$ 200.00	\$ 600.00	\$ 486.67	\$ 1,460.01
41	Culv End Sect, Metal, 30 inch	1	Ea	\$ 475.00	\$ 475.00	\$ 500.00	\$ 500.00	\$ 920.00	\$ 920.00

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/22/2019

DEPT. Engineering

SUBJECT: 2019 Street Project Contract 1 (Cont. Pg 6)

Road & Storm Sewer: Items 1-68

Malley Construction, Inc.
1565 Park Place
Mt. Pleasant, MI 48858E. R. Zeiler Excavating, Inc.
125 W Substation
Temperance, MI 48182
Acknowledged Addendum No. 1Waldorf & Sons, Inc.
9118 N. Dort Highway
Mt. Morris, MI 48458
Acknowledged Addendum No. 1

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
42	Riprap, Heavy, LM	10	Cyd	\$ 165.000	\$ 1,650.00	\$ 765.00	\$ 7,650.00	\$ 93.00	\$ 930.00
43	HMA Surface, Rem	6,603	Syd	\$ 3.25	\$ 21,459.75	\$ 3.50	\$ 23,110.50	\$ 4.20	\$ 27,732.60
44	Hand Patching	10	Ton	\$ 100.00	\$ 1,000.00	\$ 300.00	\$ 3,000.00	\$ 250.00	\$ 2,500.00
45	HMA, 13A	321	Ton	\$ 71.00	\$ 22,791.00	\$ 130.00	\$ 41,730.00	\$ 110.00	\$ 35,310.00
46	HMA, 2C	1,405	Ton	\$ 69.00	\$ 96,945.00	\$ 110.00	\$ 154,550.00	\$ 95.00	\$ 133,475.00
47	HMA, 5E3	469	Ton	\$ 80.00	\$ 37,520.00	\$ 120.00	\$ 56,280.00	\$ 105.00	\$ 49,245.00
48	HMA Approach	15	Ton	\$ 75.00	\$ 1,125.00	\$ 150.00	\$ 2,250.00	\$ 125.00	\$ 1,875.00
49	Cement	2	Ton	\$ 185.00	\$ 370.00	\$ 350.00	\$ 700.00	\$ 150.00	\$ 300.00
50	Saw Cutting	200	Ft	\$ 3.00	\$ 600.00	\$ 2.00	\$ 400.00	\$ 3.00	\$ 600.00
51	Driveway, Nonreinf Conc, 6 inch	235	Syd	\$ 36.75	\$ 8,636.25	\$ 50.00	\$ 11,750.00	\$ 67.50	\$ 15,862.50
52	Approach, CI II, LM	10	Cyd	\$ 75.00	\$ 750.00	\$ 30.00	\$ 300.00	\$ 89.00	\$ 890.00
53	Curb and Gutter, Conc, Det F4, Modified	1,325	Ft	\$ 16.40	\$ 21,730.00	\$ 27.00	\$ 35,775.00	\$ 26.42	\$ 35,006.50
54	Detectable Warning Surface, Modified	145	Ft	\$ 59.00	\$ 8,555.00	\$ 90.00	\$ 13,050.00	\$ 82.76	\$ 12,000.20
55	Sidewalk Ramp, Conc, 4 inch	2,465	Sft	\$ 6.33	\$ 15,603.45	\$ 7.00	\$ 17,255.00	\$ 16.23	\$ 40,006.95
56	Sidewalk, Conc, 4 inch	1,118	Sft	\$ 3.64	\$ 4,069.52	\$ 5.00	\$ 5,590.00	\$ 6.26	\$ 6,998.68
57	Sidewalk, Conc, 6 inch	645	Sft	\$ 4.50	\$ 2,902.50	\$ 5.75	\$ 3,708.75	\$ 7.44	\$ 4,798.80
58	Valve Box, Adj	6	Ea	\$ 198.00	\$ 1,188.00	\$ 350.00	\$ 2,100.00	\$ 375.00	\$ 2,250.00
59	Sanitary Serv Conflict	5	Ea	\$ 400.00	\$ 2,000.00	\$ 1,700.00	\$ 8,500.00	\$ 1,100.00	\$ 5,500.00
60	Abandoned Gas Main Conflict	10	Ea	\$ 325.00	\$ 3,250.00	\$ 550.00	\$ 5,500.00	\$ 455.00	\$ 4,550.00
61	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	10	Ea	\$ 75.00	\$ 750.00	\$ 47.00	\$ 470.00	\$ 95.40	\$ 954.00
62	Pedestrian Type II Barricade, Temp	20	Ea	\$ 90.00	\$ 1,800.00	\$ 27.00	\$ 540.00	\$ 121.00	\$ 2,420.00
63	Lighted Arrow, Type C, Furn & Oper	2	Ea	\$ 280.00	\$ 560.00	\$ 350.00	\$ 700.00	\$ 700.00	\$ 1,400.00
64	Minor Traf Devices	1	LSUM	\$ 124,188.80	\$ 124,188.80	\$ 1,535.50	\$ 1,535.50	\$ 3,500.00	\$ 3,500.00
65	Plastic Drum, High Intensity, Furn & Oper	90	EA	\$ 11.00	\$ 990.00	\$ 12.00	\$ 1,080.00	\$ 20.00	\$ 1,800.00
66	Sign, Type B, Temp, Prismatic, Furn & Oper	475	Sft	\$ 3.15	\$ 1,496.25	\$ 4.50	\$ 2,137.50	\$ 5.41	\$ 2,569.75
67	Turf Establishment, Performance	1,742	Syd	\$ 8.50	\$ 14,807.00	\$ 5.00	\$ 8,710.00	\$ 3.00	\$ 5,226.00
68	Tree, Rem, 6 inch to 18 inch	2	Ea	\$ 1,500.00	\$ 3,000.00	\$ 850.00	\$ 1,700.00	\$ 500.00	\$ 1,000.00
TOTAL BID ROAD AND STORM SEWER:				\$	985,500.02	\$	1,002,949.50	\$	1,006,452.92

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/22/2019

DEPT. Engineering

SUBJECT: 2019 Street Project Contract 1 (Cont. Pg 7)

Road & Storm Sewer: Items 1-68

Woodhull Construction
9609 E Price Road
Laingsburg, MI 48848Rohde Bros. Excavating, Inc.
1240 North Outer Drive
P.O. Box 14979
Saginaw, MI 48601-0979L. A. Construction Corp.
4067 Commerce Drive
Flushing, MI 48433

Acknowledged Addendum No. 1

Acknowledged Addendum No. 1

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization, Max 5%, (Road and Storm)	1	LSUM	\$ 50,840.00	\$ 50,840.00	\$ 50,000.00	\$ 50,000.00	\$ 55,553.90	\$ 55,553.90
2	Dr Structure, Rem	26	Ea	\$ 569.28	\$ 14,801.28	\$ 400.00	\$ 10,400.00	\$ 722.50	\$ 18,785.00
3	Sewer, Rem, Less than 24 inch	1,725	Ft	\$ 8.91	\$ 15,369.75	\$ 10.00	\$ 17,250.00	\$ 22.10	\$ 38,122.50
4	Curb and Gutter, Rem	1,325	Ft	\$ 5.49	\$ 7,274.25	\$ 8.00	\$ 10,600.00	\$ 6.10	\$ 8,082.50
5	Pavt, Rem	318	Syd	\$ 4.14	\$ 1,316.52	\$ 8.00	\$ 2,544.00	\$ 12.10	\$ 3,847.80
6	Sidewalk, Rem	457	Syd	\$ 4.14	\$ 1,891.98	\$ 8.00	\$ 3,656.00	\$ 10.90	\$ 4,981.30
7	Machine Grading, Modified	42	Sta	\$ 458.82	\$ 19,270.44	\$ 1,500.00	\$ 63,000.00	\$ 535.00	\$ 22,470.00
8	Subgrade Undercutting, Type II	250	Cyd	\$ 29.64	\$ 7,410.00	\$ 25.00	\$ 6,250.00	\$ 36.70	\$ 9,175.00
9	Erosion Control, Inlet Protection, Fabric Drop	20	Ea	\$ 117.68	\$ 2,353.60	\$ 90.00	\$ 1,800.00	\$ 188.30	\$ 3,766.00
10	Erosion Control, Silt Fence	200	Ft	\$ 2.70	\$ 540.00	\$ 2.00	\$ 400.00	\$ 3.60	\$ 720.00
11	Aggregate Base, 6 inch, Modified	1,509	Syd	\$ 10.09	\$ 15,225.81	\$ 12.00	\$ 18,108.00	\$ 10.20	\$ 15,391.80
12	Aggregate Base, 8 inch, Modified	1,443	Syd	\$ 13.29	\$ 19,177.47	\$ 15.00	\$ 21,645.00	\$ 12.90	\$ 18,614.70
13	Aggregate Base, 9 inch, Modified	3,650	Syd	\$ 14.78	\$ 53,947.00	\$ 16.00	\$ 58,400.00	\$ 14.20	\$ 51,830.00
14	Maintenance Gravel	315	Ton	\$ 34.13	\$ 10,750.95	\$ 26.00	\$ 8,190.00	\$ 52.20	\$ 16,443.00
15	Geotextile, Separator	6,602	Syd	\$ 1.30	\$ 8,582.60	\$ 1.50	\$ 9,903.00	\$ 1.70	\$ 11,223.40
16	Sewer, SDR-26, 10 inch, Tr Det B, Modified	345	Ft	\$ 57.37	\$ 19,792.65	\$ 50.00	\$ 17,250.00	\$ 36.90	\$ 12,730.50
17	Sewer, SDR-26, 12 inch, Tr Det B, Modified	231	Ft	\$ 78.25	\$ 18,075.75	\$ 54.00	\$ 12,474.00	\$ 52.30	\$ 12,081.30
18	Sewer, SDR-26, 15 inch, Tr Det B, Modified	32	Ft	\$ 85.35	\$ 2,731.20	\$ 75.00	\$ 2,400.00	\$ 59.30	\$ 1,897.60
19	Sewer, SDR-26, 18 inch, Tr Det B, Modified	10	Ft	\$ 136.50	\$ 1,365.00	\$ 90.00	\$ 900.00	\$ 580.80	\$ 5,808.00
20	Sewer, SDR-26, 24 inch, Tr Det B, Modified	872	Ft	\$ 148.43	\$ 129,430.96	\$ 180.00	\$ 156,960.00	\$ 133.50	\$ 116,412.00
21	Sewer, SDR-26, 30 inch, Tr Det A, Modified	145	Ft	\$ 222.46	\$ 32,256.70	\$ 185.00	\$ 26,825.00	\$ 204.40	\$ 29,638.00
22	Sewer, SDR-26, 30 inch, Tr Det B, Modified	507	Ft	\$ 222.46	\$ 112,787.22	\$ 220.00	\$ 111,540.00	\$ 203.10	\$ 102,971.70
23	Sewer Bulkhead, 12 inch	6	Ea	\$ 190.41	\$ 1,142.46	\$ 300.00	\$ 1,800.00	\$ 452.20	\$ 2,713.20
24	Sewer Bulkhead, 15 inch	2	Ea	\$ 213.41	\$ 426.82	\$ 400.00	\$ 800.00	\$ 576.20	\$ 1,152.40
25	Sewer Bulkhead, 18 inch	3	Ea	\$ 203.82	\$ 611.46	\$ 500.00	\$ 1,500.00	\$ 715.30	\$ 2,145.90
26	Dr Structure, Tap, 10 inch	3	Ea	\$ 737.31	\$ 2,211.93	\$ 800.00	\$ 2,400.00	\$ 423.50	\$ 1,270.50
27	Dr Structure, Tap, 12 inch	1	Ea	\$ 737.31	\$ 737.31	\$ 900.00	\$ 900.00	\$ 514.30	\$ 514.30
28	Dr Structure, Temp Lowering	8	Ea	\$ 144.64	\$ 1,157.12	\$ 220.00	\$ 1,760.00	\$ 816.80	\$ 6,534.40
29	Dr Structure Cover, Adj, Case 1	9	Ea	\$ 369.78	\$ 3,328.02	\$ 500.00	\$ 4,500.00	\$ 574.80	\$ 5,173.20
30	Dr Structure Collar, Modified	18	Ea	\$ 649.94	\$ 11,698.92	\$ 1,000.00	\$ 18,000.00	\$ 1,150.40	\$ 20,707.20
31	Dr Structure Cover, EJ 1060	13	Ea	\$ 516.79	\$ 6,718.27	\$ 600.00	\$ 7,800.00	\$ 464.30	\$ 6,035.90
32	Dr Structure Cover, EJ 1120 w/ Gasket Seal	6	Ea	\$ 500.69	\$ 3,004.14	\$ 600.00	\$ 3,600.00	\$ 595.90	\$ 3,575.40
33	Dr Structure Cover, EJ 7000	14	Ea	\$ 668.99	\$ 9,365.86	\$ 750.00	\$ 10,500.00	\$ 731.00	\$ 10,234.00
34	Dr Structure 36 inch dia, Modified	11	Ea	\$ 2,343.33	\$ 25,776.63	\$ 1,800.00	\$ 19,800.00	\$ 1,811.50	\$ 19,926.50
35	Dr Structure 48 inch dia, Modified	8	Ea	\$ 4,154.46	\$ 33,235.68	\$ 2,800.00	\$ 22,400.00	\$ 2,258.40	\$ 18,067.20
36	Dr Structure 60 inch dia, Modified	7	Ea	\$ 6,228.04	\$ 43,596.28	\$ 4,800.00	\$ 33,600.00	\$ 3,891.70	\$ 27,241.90
37	Dr Structure 72 inch dia, Modified	1	Ea	\$ 9,057.41	\$ 9,057.41	\$ 12,500.00	\$ 12,500.00	\$ 9,523.60	\$ 9,523.60
38	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4	Ft	\$ 138.66	\$ 554.64	\$ 200.00	\$ 800.00	\$ 321.80	\$ 1,287.20
39	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	18	Ft	\$ 138.66	\$ 2,495.88	\$ 250.00	\$ 4,500.00	\$ 516.80	\$ 9,302.40
40	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	3	Ft	\$ 138.66	\$ 415.98	\$ 400.00	\$ 1,200.00	\$ 982.40	\$ 2,947.20
41	Culv End Sect, Metal, 30 inch	1	Ea	\$ 444.44	\$ 444.44	\$ 2,200.00	\$ 2,200.00	\$ 886.50	\$ 886.50

SUBJECT: 2019 Street Project Contract 1 (Cont. Pg 8)

Road & Storm Sewer: Items 1-68

Woodhull Construction
9609 E Price Road
Laingsburg, MI 48848Rohde Bros. Excavating, Inc.
1240 North Outer Drive
P.O. Box 14979
Saginaw, MI 48601-0979L. A. Construction Corp.
4067 Commerce Drive
Flushing, MI 48433

Acknowledged Addendum No. 1

Acknowledged Addendum No. 1

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
42	Riprap, Heavy, LM	10	Cyd	\$ 161.70	\$ 1,617.00	\$ 180.000	\$ 1,800.00	\$ 302.90	\$ 3,029.00
43	HMA Surface, Rem	6,603	Syd	\$ 3.83	\$ 25,289.49	\$ 6.00	\$ 39,618.00	\$ 5.50	\$ 36,316.50
44	Hand Patching	10	Ton	\$ 105.00	\$ 1,050.00	\$ 105.00	\$ 1,050.00	\$ 129.00	\$ 1,290.00
45	HMA, 13A	321	Ton	\$ 74.55	\$ 23,930.55	\$ 72.00	\$ 23,112.00	\$ 117.20	\$ 37,621.20
46	HMA, 2C	1,405	Ton	\$ 72.45	\$ 101,792.25	\$ 70.00	\$ 98,350.00	\$ 76.30	\$ 107,201.50
47	HMA, 5E3	469	Ton	\$ 84.00	\$ 39,396.00	\$ 81.00	\$ 37,989.00	\$ 110.70	\$ 51,918.30
48	HMA Approach	15	Ton	\$ 78.75	\$ 1,181.25	\$ 80.00	\$ 1,200.00	\$ 129.00	\$ 1,935.00
49	Cement	2	Ton	\$ 194.25	\$ 388.50	\$ 210.00	\$ 420.00	\$ 363.00	\$ 726.00
50	Saw Cutting	200	Ft	\$ 4.68	\$ 936.00	\$ 3.00	\$ 600.00	\$ 7.30	\$ 1,460.00
51	Driveway, Nonreinf Conc, 6 inch	235	Syd	\$ 39.92	\$ 9,381.20	\$ 35.00	\$ 8,225.00	\$ 62.00	\$ 14,570.00
52	Approach, CI II, LM	10	Cyd	\$ 63.49	\$ 634.90	\$ 58.00	\$ 580.00	\$ 69.80	\$ 698.00
53	Curb and Gutter, Conc, Det F4, Modified	1,325	Ft	\$ 19.20	\$ 25,440.00	\$ 14.00	\$ 18,550.00	\$ 27.80	\$ 36,835.00
54	Detectable Warning Surface, Modified	145	Ft	\$ 61.95	\$ 8,982.75	\$ 72.00	\$ 10,440.00	\$ 80.60	\$ 11,687.00
55	Sidewalk Ramp, Conc, 4 inch	2,465	Sft	\$ 6.68	\$ 16,466.20	\$ 7.00	\$ 17,255.00	\$ 8.20	\$ 20,213.00
56	Sidewalk, Conc, 4 inch	1,118	Sft	\$ 3.85	\$ 4,304.30	\$ 4.50	\$ 5,031.00	\$ 6.90	\$ 7,714.20
57	Sidewalk, Conc, 6 inch	645	Sft	\$ 4.76	\$ 3,070.20	\$ 5.00	\$ 3,225.00	\$ 7.70	\$ 4,966.50
58	Valve Box, Adj	6	Ea	\$ 202.14	\$ 1,212.84	\$ 200.00	\$ 1,200.00	\$ 529.70	\$ 3,178.20
59	Sanitary Serv Conflict	5	Ea	\$ 1,956.65	\$ 9,783.25	\$ 900.00	\$ 4,500.00	\$ 3,151.80	\$ 15,759.00
60	Abandoned Gas Main Conflict	10	Ea	\$ 268.10	\$ 2,681.00	\$ 500.00	\$ 5,000.00	\$ 1,966.00	\$ 19,660.00
61	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	10	Ea	\$ 96.39	\$ 963.90	\$ 80.00	\$ 800.00	\$ 806.30	\$ 8,063.00
62	Pedestrian Type II Barricade, Temp	20	Ea	\$ 71.40	\$ 1,428.00	\$ 100.00	\$ 2,000.00	\$ 102.10	\$ 2,042.00
63	Lighted Arrow, Type C, Furn & Oper	2	Ea	\$ 678.30	\$ 1,356.60	\$ 330.00	\$ 660.00	\$ 591.30	\$ 1,182.60
64	Minor Traf Devices	1	LSUM	\$ 11,985.00	\$ 11,985.00	\$ 16,924.00	\$ 16,924.00	\$ 15,131.90	\$ 15,131.90
65	Plastic Drum, High Intensity, Furn & Oper	90	EA	\$ 17.14	\$ 1,542.60	\$ 12.00	\$ 1,080.00	\$ 16.10	\$ 1,449.00
66	Sign, Type B, Temp, Prismatic, Furn & Oper	475	Sft	\$ 3.52	\$ 1,672.00	\$ 3.40	\$ 1,615.00	\$ 4.60	\$ 2,185.00
67	Turf Establishment, Performance	1,742	Syd	\$ 10.28	\$ 17,907.76	\$ 6.00	\$ 10,452.00	\$ 5.10	\$ 8,884.20
68	Tree, Rem, 6 inch to 18 inch	2	Ea	\$ 665.02	\$ 1,330.04	\$ 1,300.00	\$ 2,600.00	\$ 1,149.50	\$ 2,299.00
TOTAL BID ROAD AND STORM SEWER:				\$	1,016,893.96	\$	1,075,331.00	\$	1,127,800.00

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/22/2019

DEPT. Engineering

SUBJECT: 2019 Street Project Contract 1 (Cont. Pg 9)

Road & Storm Sewer: Items 1-68

Montgomery Excavating
4052 S. State St. Suite B
Ionia, MI 48846
Acknowledged Addendum No. 1

C & D Hughes, Inc.
3097 Lansing Road
Charlotte, MI 48813
Acknowledged Addendum No. 1

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization, Max 5%, (Road and Storm)	1	LSUM	\$ 60,000.00	\$ 60,000.00	\$ 40,000.00	\$ 40,000.00	\$	-
2	Dr Structure, Rem	26	Ea	\$ 1,000.00	\$ 26,000.00	\$ 500.00	\$ 13,000.00	\$	-
3	Sewer, Rem, Less than 24 inch	1,725	Ft	\$ 17.50	\$ 30,187.50	\$ 6.00	\$ 10,350.00	\$	-
4	Curb and Gutter, Rem	1,325	Ft	\$ 12.00	\$ 15,900.00	\$ 10.00	\$ 13,250.00	\$	-
5	Pavt, Rem	318	Syd	\$ 15.00	\$ 4,770.00	\$ 20.00	\$ 6,360.00	\$	-
6	Sidewalk, Rem	457	Syd	\$ 15.00	\$ 6,855.00	\$ 10.00	\$ 4,570.00	\$	-
7	Machine Grading, Modified	42	Sta	\$ 1,200.00	\$ 50,400.00	\$ 2,000.00	\$ 84,000.00	\$	-
8	Subgrade Undercutting, Type II	250	Cyd	\$ 30.00	\$ 7,500.00	\$ 25.00	\$ 6,250.00	\$	-
9	Erosion Control, Inlet Protection, Fabric Drop	20	Ea	\$ 175.00	\$ 3,500.00	\$ 100.00	\$ 2,000.00	\$	-
10	Erosion Control, Silt Fence	200	Ft	\$ 2.50	\$ 500.00	\$ 2.00	\$ 400.00	\$	-
11	Aggregate Base, 6 inch, Modified	1,509	Syd	\$ 9.65	\$ 14,561.85	\$ 12.00	\$ 18,108.00	\$	-
12	Aggregate Base, 8 inch, Modified	1,443	Syd	\$ 14.10	\$ 20,346.30	\$ 13.00	\$ 18,759.00	\$	-
13	Aggregate Base, 9 inch, Modified	3,650	Syd	\$ 12.35	\$ 45,077.50	\$ 15.00	\$ 54,750.00	\$	-
14	Maintenance Gravel	315	Ton	\$ 15.00	\$ 4,725.00	\$ 1.00	\$ 315.00	\$	-
15	Geotextile, Separator	6,602	Syd	\$ 2.50	\$ 16,505.00	\$ 1.70	\$ 11,223.40	\$	-
16	Sewer, SDR-26, 10 inch, Tr Det B, Modified	345	Ft	\$ 45.00	\$ 15,525.00	\$ 80.00	\$ 27,600.00	\$	-
17	Sewer, SDR-26, 12 inch, Tr Det B, Modified	231	Ft	\$ 60.00	\$ 13,860.00	\$ 90.00	\$ 20,790.00	\$	-
18	Sewer, SDR-26, 15 inch, Tr Det B, Modified	32	Ft	\$ 70.00	\$ 2,240.00	\$ 100.00	\$ 3,200.00	\$	-
19	Sewer, SDR-26, 18 inch, Tr Det B, Modified	10	Ft	\$ 80.00	\$ 800.00	\$ 150.00	\$ 1,500.00	\$	-
20	Sewer, SDR-26, 24 inch, Tr Det B, Modified	872	Ft	\$ 183.00	\$ 159,576.00	\$ 150.00	\$ 130,800.00	\$	-
21	Sewer, SDR-26, 30 inch, Tr Det A, Modified	145	Ft	\$ 281.00	\$ 40,745.00	\$ 180.00	\$ 26,100.00	\$	-
22	Sewer, SDR-26, 30 inch, Tr Det B, Modified	507	Ft	\$ 300.00	\$ 152,100.00	\$ 180.00	\$ 91,260.00	\$	-
23	Sewer Bulkhead, 12 inch	6	Ea	\$ 200.00	\$ 1,200.00	\$ 400.00	\$ 2,400.00	\$	-
24	Sewer Bulkhead, 15 inch	2	Ea	\$ 250.00	\$ 500.00	\$ 400.00	\$ 800.00	\$	-
25	Sewer Bulkhead, 18 inch	3	Ea	\$ 350.00	\$ 1,050.00	\$ 400.00	\$ 1,200.00	\$	-
26	Dr Structure, Tap, 10 inch	3	Ea	\$ 200.00	\$ 600.00	\$ 1,000.00	\$ 3,000.00	\$	-
27	Dr Structure, Tap, 12 inch	1	Ea	\$ 300.00	\$ 300.00	\$ 1,000.00	\$ 1,000.00	\$	-
28	Dr Structure, Temp Lowering	8	Ea	\$ 500.00	\$ 4,000.00	\$ 250.00	\$ 2,000.00	\$	-
29	Dr Structure Cover, Adj, Case 1	9	Ea	\$ 350.00	\$ 3,150.00	\$ 500.00	\$ 4,500.00	\$	-
30	Dr Structure Collar, Modified	18	Ea	\$ 1,500.00	\$ 27,000.00	\$ 500.00	\$ 9,000.00	\$	-
31	Dr Structure Cover, EJ 1060	13	Ea	\$ 600.00	\$ 7,800.00	\$ 600.00	\$ 7,800.00	\$	-
32	Dr Structure Cover, EJ 1120 w/ Gasket Seal	6	Ea	\$ 600.00	\$ 3,600.00	\$ 600.00	\$ 3,600.00	\$	-
33	Dr Structure Cover, EJ 7000	14	Ea	\$ 750.00	\$ 10,500.00	\$ 750.00	\$ 10,500.00	\$	-
34	Dr Structure 36 inch dia, Modified	11	Ea	\$ 2,250.00	\$ 24,750.00	\$ 2,000.00	\$ 22,000.00	\$	-
35	Dr Structure 48 inch dia, Modified	8	Ea	\$ 2,750.00	\$ 22,000.00	\$ 2,500.00	\$ 20,000.00	\$	-
36	Dr Structure 60 inch dia, Modified	7	Ea	\$ 4,000.00	\$ 28,000.00	\$ 3,500.00	\$ 24,500.00	\$	-
37	Dr Structure 72 inch dia, Modified	1	Ea	\$ 7,500.00	\$ 7,500.00	\$ 5,500.00	\$ 5,500.00	\$	-
38	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4	Ft	\$ 200.00	\$ 800.00	\$ 100.00	\$ 400.00	\$	-
39	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	18	Ft	\$ 250.00	\$ 4,500.00	\$ 120.00	\$ 2,160.00	\$	-
40	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	3	Ft	\$ 350.00	\$ 1,050.00	\$ 150.00	\$ 450.00	\$	-
41	Culv End Sect, Metal, 30 inch	1	Ea	\$ 1,000.00	\$ 1,000.00	\$ 800.00	\$ 800.00	\$	-

CITY OF OWOSSO BID TABULATION SHEET

DATE 1/22/2019

DEPT. Engineering

SUBJECT: 2019 Street Project Contract 1 (Cont. Pg 10)

Road & Storm Sewer: Items 1-68

Montgomery Excavating
4052 S. State St. Suite B
Ionia, MI 48846
Acknowledged Addendum No. 1

C & D Hughes, Inc.
3097 Lansing Road
Charlotte, MI 48813
Acknowledged Addendum No. 1

ITEM #	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
42	Riprap, Heavy, LM	10	Cyd	\$ 65.00	\$ 650.00	\$ 100.00	\$ 1,000.00	\$	\$ -
43	HMA Surface, Rem	6,603	Syd	\$ 10.00	\$ 66,030.00	\$ 3.00	\$ 19,809.00	\$	\$ -
44	Hand Patching	10	Ton	\$ 150.00	\$ 1,500.00	\$ 120.00	\$ 1,200.00	\$	\$ -
45	HMA, 13A	321	Ton	\$ 108.00	\$ 34,668.00	\$ 109.00	\$ 34,989.00	\$	\$ -
46	HMA, 2C	1,405	Ton	\$ 85.00	\$ 119,425.00	\$ 71.00	\$ 99,755.00	\$	\$ -
47	HMA, 5E3	469	Ton	\$ 103.00	\$ 48,307.00	\$ 103.00	\$ 48,307.00	\$	\$ -
48	HMA Approach	15	Ton	\$ 150.00	\$ 2,250.00	\$ 120.00	\$ 1,800.00	\$	\$ -
49	Cement	2	Ton	\$ 200.00	\$ 400.00	\$ 250.00	\$ 500.00	\$	\$ -
50	Saw Cutting	200	Ft	\$ 5.00	\$ 1,000.00	\$ 4.00	\$ 800.00	\$	\$ -
51	Driveway, Nonreinf Conc, 6 inch	235	Syd	\$ 31.00	\$ 7,285.00	\$ 32.25	\$ 7,578.75	\$	\$ -
52	Approach, CI II, LM	10	Cyd	\$ 25.00	\$ 250.00	\$ 50.00	\$ 500.00	\$	\$ -
53	Curb and Gutter, Conc, Det F4, Modified	1,325	Ft	\$ 14.00	\$ 18,550.00	\$ 15.40	\$ 20,405.00	\$	\$ -
54	Detectable Warning Surface, Modified	145	Ft	\$ 75.60	\$ 10,962.00	\$ 59.00	\$ 8,555.00	\$	\$ -
55	Sidewalk Ramp, Conc, 4 inch	2,465	Sft	\$ 6.50	\$ 16,022.50	\$ 5.83	\$ 14,370.95	\$	\$ -
56	Sidewalk, Conc, 4 inch	1,118	Sft	\$ 4.00	\$ 4,472.00	\$ 3.14	\$ 3,510.52	\$	\$ -
57	Sidewalk, Conc, 6 inch	645	Sft	\$ 4.50	\$ 2,902.50	\$ 4.00	\$ 2,580.00	\$	\$ -
58	Valve Box, Adj	6	Ea	\$ 200.00	\$ 1,200.00	\$ 250.00	\$ 1,500.00	\$	\$ -
59	Sanitary Serv Conflict	5	Ea	\$ 2,000.00	\$ 10,000.00	\$ 1,000.00	\$ 5,000.00	\$	\$ -
60	Abandoned Gas Main Conflict	10	Ea	\$ 750.00	\$ 7,500.00	\$ 500.00	\$ 5,000.00	\$	\$ -
61	Barricade, Type III, High Intensity, Double Sided, Furn & Oper	10	Ea	\$ 150.00	\$ 1,500.00	\$ 75.00	\$ 750.00	\$	\$ -
62	Pedestrian Type II Barricade, Temp	20	Ea	\$ 50.00	\$ 1,000.00	\$ 90.00	\$ 1,800.00	\$	\$ -
63	Lighted Arrow, Type C, Furn & Oper	2	Ea	\$ 1,200.00	\$ 2,400.00	\$ 280.00	\$ 560.00	\$	\$ -
64	Minor Traf Devices	1	LSUM	\$ 5,000.00	\$ 5,000.00	\$ 35,000.00	\$ 35,000.00	\$	\$ -
65	Plastic Drum, High Intensity, Furn & Oper	90	EA	\$ 50.00	\$ 4,500.00	\$ 11.00	\$ 990.00	\$	\$ -
66	Sign, Type B, Temp, Prismatic, Furn & Oper	475	Sft	\$ 10.00	\$ 4,750.00	\$ 3.15	\$ 1,496.25	\$	\$ -
67	Turf Establishment, Performance	1,742	Syd	\$ 3.50	\$ 6,097.00	\$ 5.00	\$ 8,710.00	\$	\$ -
68	Tree, Rem, 6 inch to 18 inch	2	Ea	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$	\$ -
TOTAL BID ROAD AND STORM SEWER:				\$	1,220,595.15	\$	1,034,661.87	\$	\$ -

DEPT.
HEAD:PURCH.
AGENT:STAFF
REC.:GENERAL LIABILITY INSURANCE
EXPIRATION DATE:WORKERS COMPENSATION INSURANCE
EXPIRATION DATE:SOLE PROPRIETORSHIP
EXPIRATION DATE:

AWARDED:

COUNCIL
APPROVED:

PO NUMBER:

31 DEC 2019

31 DEC 2019

N/A



MEMORANDUM

301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

DATE: February 24, 2019

TO: Owosso City Council

FROM: Glenn Chinavare, Director of Public Services & Utilities

SUBJECT: Water Utility Easement

RECOMMENDATION

Approval of resolution to establish a water utility easement encompassing part of Lot 9, and all of Lots 10 and 31, within the Maple Ridge Park - Re-subdivision of Keyte's Addition.

BACKGROUND

The City desires to sell all of lot 8 and a portion of Lot 9 to the property owner of 813 Division Street at some point in the near future. Prior to any sale a utility easement must be established for the protection of an 8-inch water main running through lots 9, 10 & 31, abutting Division Street and Grand Avenue. The property immediately to the south of the proposed easement area, beginning at Lots 30 and 11, is city owned property encompassing a small green space/pocket park for neighborhood softball. Running diagonally (NW to SE) through the middle of the pocket park is a city owned storm drain.

FISCAL IMPACTS

Cost of Certificate for Land Survey \$850.00.

Document originated by: Glenn Chinavare, Director of Public Services & Utilities

Attachments: (1) Certificate of Survey
(2) Resolution

RESOLUTION NO.

AUTHORIZING WATER UTILITY EASEMENT ON CITY OWNED LOTS

WHEREAS, the city of Owosso, Shiawassee County, Michigan, owns property known as lots 8, 9, 10, and 31 also known as Maple Ridge Park, a Re-subdivision of Keyte's Addition, and

WHEREAS, the City desires to sell a Lot 8 and a portion of Lot 9 to the property owner of 813 Division Street, and establish a utility easement for the protection of an 8-inch water main running adjacent to the properties located on Lots 9 & 32 and abutting Division Street and Grand Avenue.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Owosso, Shiawassee County, Michigan that:

FIRST: The entire easement through Block 8 – Lots 10 and 31 and part of Lot 9, including ½ of the vacated alley adjacent thereto, of Block 8 of Maple Ridge Park, a Re-subdivision of Keyte's Addition to the city of Owosso, according to the plat thereof, as recorded in Plat Book on page 92, Shiawassee County records described as beginning at the Northeast corner of said Lot 31; thence SOO deg 16' 25" W on the east line of said Block 8 a distance of 30.00 feet; thence NOO deg 25' 22" E on said West line a distance of 39.74 feet to a point that is NOO deg 25' 22" E 9.74 feet from the Southwest corner of said Lot 9; thence S87 deg 53' 08" E 137.93 feet to the center line of the 15 foot wide alley in said Block 8; thence S deg 19' 52" W 5.02 feet; thence S89 deg 50' 52" E 137.89 feet to the point of beginning.

SECOND: That said Lots are located on City property and are under the control of the City of Owosso.

Resolution duly adopted.

Date: _____

I hereby certify that the foregoing document is a true and complete copy of action taken by the Owosso City Council at the regular meeting of March 4, 2019.

Amy K. Kirkland, City Clerk

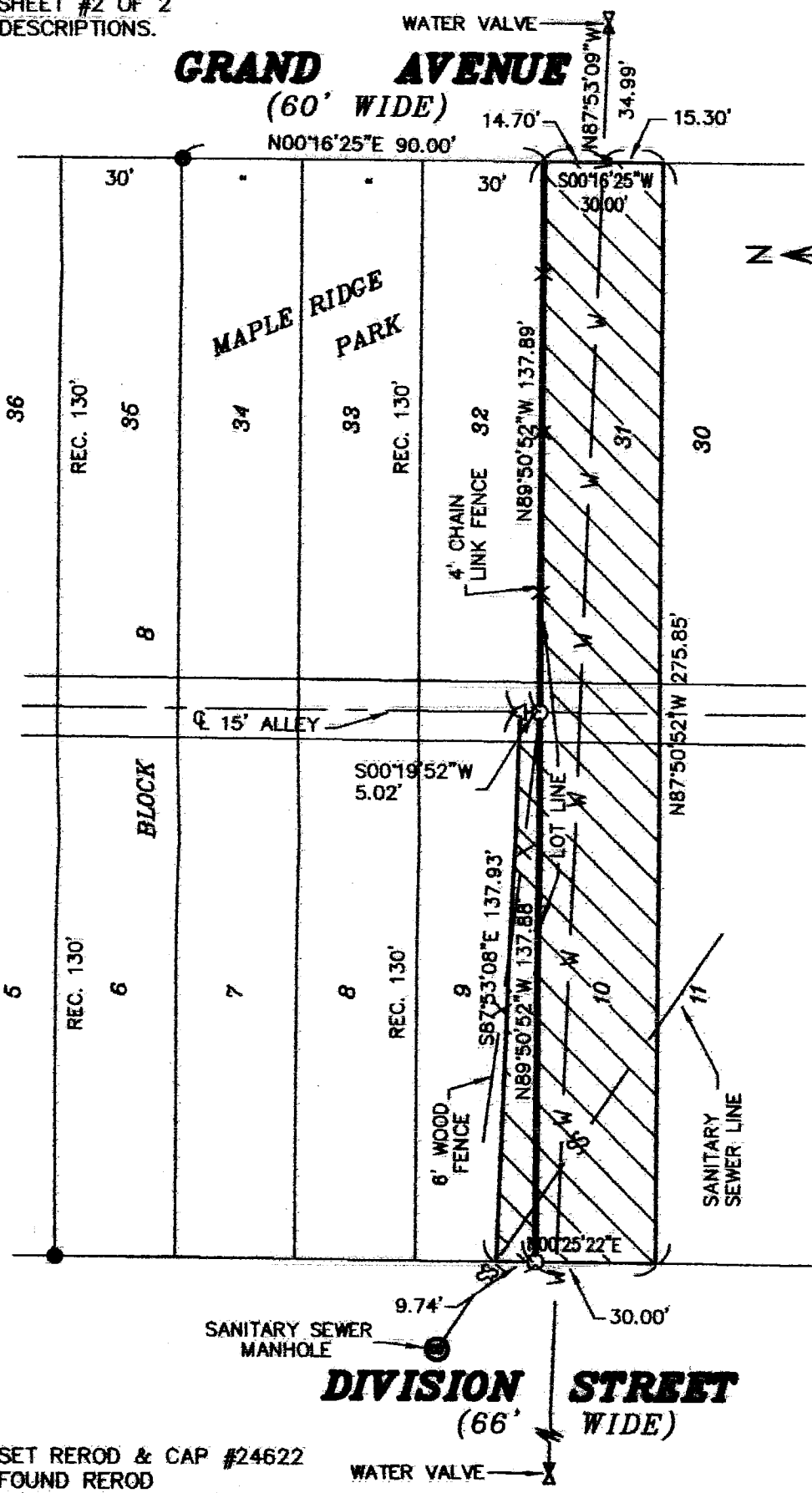
Certified to be a true copy, _____

Date: _____

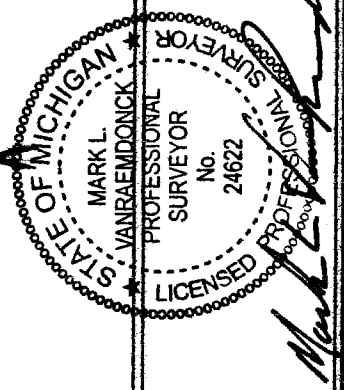
Amy K. Kirkland, City Clerk

CERTIFICATE OF LAND SURVEY

SEE SHEET #2 OF 2
FOR DESCRIPTIONS.



- = SET REROD & CAP #24622
- = FOUND REROD
- △ = WOOD LATH LINE STAKE
- W — W — = WATERMAIN



Maple Ridge Park,
City of Owosso,
Shiawassee County,
Michigan

CLIENT: City of Owosso
DATE: January 30, 2019
SCALE: 1" = 40' JOB NO. 27194

REV: 02/13/2019

I hereby certify that I have surveyed and mapped the land above platted and/or described on 01/22/19 and that the relative positional precision of the corners identified for this survey and shown on the map are within the limits accepted by the practice of professional surveying, and that the requirements for 1970 PA 132, MCL 54.213 have been met.

CERTIFICATE OF LAND SURVEY

DESCRIPTIONS:

Watermain Easement Over Part of Lot 9 - Part of Lot 9, including ½ of the vacated alley adjacent thereto, in Block 8 of "Maple Ridge Park, a Re-subdivision of Keyte's Addition to the City of Owosso," according to the plat thereof, as recorded in "Plat Book" on Page 92, Shiawassee County Records, described as beginning at the Southwest corner of said Lot 9; thence N00°25'22"E on the West line of said Lot 9 a distance of 9.74 feet; thence S87°53'08"E 137.93 feet to the centerline of the 15 foot wide alley in said Block 8; thence S00°19'52"W 5.02 feet to the South line of said Lot 9 extended Easterly; thence N89°50'52"W 137.88 feet to the point of beginning.

Description of Entire Easement Through Block 8 - Lots 10 and 31 and part of Lot 9, including ½ of the vacated alley adjacent thereto, of Block 8 of "Maple Ridge Park, a Re-subdivision of Keyte's Addition to the City of Owosso," according to the plat thereof, as recorded in "Plat Book" on Page 92, Shiawassee County Records described as beginning at the Northeast corner of said Lot 31; thence S00°16'25"W on the East line of said Block 8 a distance of 30.00 feet; thence N89°50'52"W on the South line of said Lots 10 and 31 a distance of 275.85 feet to the West line of said Block 8; thence N00°25'22"E on said West line a distance of 39.74 feet to a point that is N00°25'22"E 9.74 feet from the Southwest corner of said Lot 9; thence S87°53'08"E 137.93 feet to the centerline of the 15 foot wide alley in said Block 8; thence S00°19'52"W 5.02 feet; thence S89°50'52"E 137.89 feet to the point of beginning.

CLIENT: City of Owosso

DATE: January 30, 2019

JOB NO: 27194

Maple Ridge Park
City of Owosso,
Shiawassee County
Michigan

Sheet #2 of 2

REV: 02/13/2019



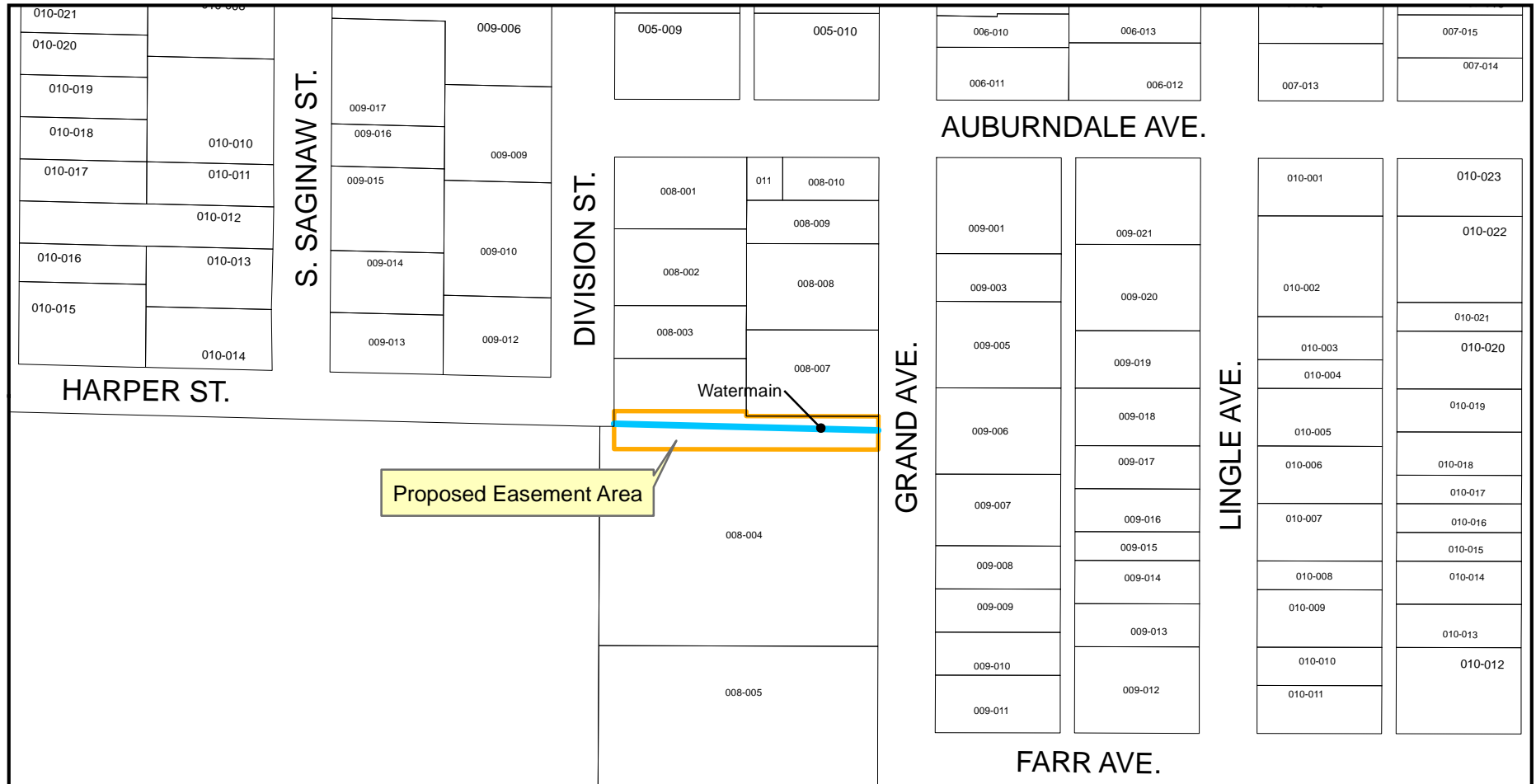
204 N. Shiawassee St. (M-52)
Owosso, Michigan 48867

TEL: (989) 725-8725
(810) 659-1053
FAX: (989) 725-2452
landmark@michonline.net




By



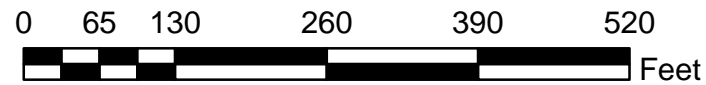
City of Owosso



Legend

-  City Parcels
-  Water Main
-  Easement Area

Proposed Watermain Easement Basic Overview



1 inch = 165 feet





MEMORANDUM

301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

DATE: March 4th, 2019

TO: Mayor Eveleth and Owosso City Council members

FROM: Amy Cyphert, Assistant City Manager and Community Development Director

SUBJECT: **Capital Improvement Plan 2019-2025**

RECOMMENDATION:

Planning Commission reviewed and adopted the attached Capital Improvement Plan 2019-25 at their February 25th meeting. Planning Commission's motion recommended that City Council also adopt the CIP.

BACKGROUND:

The Capital Improvement Plan (CIP) serves as the city's multi-year planning instrument used to identify needs and financing sources for public infrastructure improvements. Preparation of the CIP is performed under the authority of the Michigan Planning Enabling Act:

"The capital improvements program shall show those public structures and improvements, in the general order of their priority that in the commission's judgment will be needed or desirable and can be undertaken within the ensuing 6-year period. The capital improvements program shall be based upon the requirements of the local unit of government for all types of public structures and improvements. Consequently, each agency or department of the local unit of government with authority for public structures or improvements shall upon request furnish the planning commission with lists, plans, and estimates of time and cost of those public structures and improvements."

A comprehensive CIP is an essential tool for the planning and development of the social, physical, and economic wellbeing of the community. This process is a necessary step in an organized effort to strengthen the quality of public facilities and services; provide a framework for the realization of community goals and objectives; and provide a sound basis on which to build a healthy and vibrant community.

Some of the many benefits that the CIP provides the residents and stakeholders include:

- Use as a tool to optimize the use of revenue

- Focus attention on community goals, needs, and capabilities
- Guide future growth and development
- Encourage efficient government
- Improve intergovernmental and regional cooperation
- Help maintain a sound and stable financial program
- Enhance opportunities for the participation in federal and/or state grant programs

FISCAL IMPACTS: None

Attachment:

Capital Improvement Plan 2019-25



CAPITAL IMPROVEMENT PLAN

CITY OF OWOSSO
2019-2025

City Council

Christopher Eveleth, Mayor
Susan Osika, Mayor Pro-Tem
Loreen Bailey
Janae Fear
Jerry Haber
Daniel Law
Nicholas Pidek

Planning Commission

William Wascher, Chair
Francis Livingston, Vice Chair
Janae Fear, Secretary
Jake Adams
Tara Jenkins
Brad Kirkland
Matt Lafferty
Daniel Law
Thomas Taylor

Capital Improvement Review Committee

Josh Adams, Main Street, DDA & Parks and Rec Director
Glenn Chinavare, Director of Public Services
Amy Cyphert, Assistant City Manager & CD Director
Robert Doran-Brockway, Historic Facilities Director
Cheryl Grice, Finance Director
Nathan Henne, City Manager
Amy Kirkland, City Clerk
Kevin Lenkart, Director of Public Safety
Jessica Unangst, Human Resources & IT Director

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CAPITAL IMPROVEMENT PLAN (CIP) OVERVIEW

WHAT IS A CIP?

The Capital Improvement Plan (CIP) serves as the city's multi-year planning instrument used to identify needs and financing sources for public infrastructure improvements. Preparation of the CIP is performed under the authority of the Michigan Planning Enabling Act:

"The capital improvements program shall show those public structures and improvements, in the general order of their priority that in the commission's judgment will be needed or desirable and can be undertaken within the ensuing 6-year period. The capital improvements program shall be based upon the requirements of the local unit of government for all types of public structures and improvements. Consequently, each agency or department of the local unit of government with authority for public structures or improvements shall upon request furnish the planning commission with lists, plans, and estimates of time and cost of those public structures and improvements."

A comprehensive CIP is an essential tool for the planning and development of the social, physical, and economic wellbeing of the community. This process is a necessary step in an organized effort to strengthen the quality of public facilities and services; provide a framework for the realization of community goals and objectives; and provide a sound basis on which to build a healthy and vibrant community.

Some of the many benefits that the CIP provides the residents and stakeholders include:

- Use as a tool to optimize the use of revenue
- Focus attention on community goals, needs, and capabilities
- Guide future growth and development
- Encourage efficient government
- Improve intergovernmental and regional cooperation
- Help maintain a sound and stable financial program
- Enhance opportunities for the participation in federal and/or state grant programs

A CIP project is defined as a major expenditure that includes one or more of the following:

1. Any construction of a new facility (i.e. public building, water/sewer mains, storm sewers, roads, and recreation facilities), an addition to, or an extension of such a facility, provided that the cost is \$10,000 or more and will have a useful life of one year or more.
2. Any rehabilitation of all or a part of a building, its grounds, a facility, or equipment, provided that the cost is \$10,000 or more and will have a useful life of one year or more.
3. Any purchase or replacement of major equipment to support community programs provided that the cost is \$10,000 or more, will have a useful life of one year or more and will be considered a capital asset
4. Any planning, feasibility, engineering, or design study provided that the cost is \$10,000 or more.
5. Any acquisition of land for a public purpose.

CIP AND BUDGET PROCESS

The CIP process precedes the budget process and is used by City Council when developing the annual budget. Recommending approval of the CIP by the Planning Commission does not mean that they grant final approval of all projects contained within the plan. Rather by recommending approval of the CIP, the Planning Commission acknowledges that these projects represent a reasonable interpretation of the upcoming needs for the community and that projects contained in the first year of the plan are suitable for inclusion in the upcoming budget, if funding is available.

Priority rankings do not necessarily correspond to funding sequence. For example, a road project which is ranked lower than a park project may be funded before the park project because the road project has access to a road millage revenue source, whereas a park project may have to compete for funding from other revenue sources, like grants or general fund dollars.

It is important to keep in mind that the CIP is a planning tool, a guide that deals with physical condition and improvements throughout the City over a six year period of time. It is subject to changing priorities based on needs, wants reflected in our community and its citizenry.

CIP DEVELOPMENT PROCESS

In the fall, the CIP Plan Group members submitted proposed projects for the CIP. A draft list of projects was then created by the CIP Project Lead. The list of projects was then reviewed by the CIP Plan Group and the Year 1 projects were ranked based on the following:

1. Is the proposed project already in process due to its inclusion in the current budget year? Is the project under construction, under contract, and is there a continuing debt obligation payable?
2. Is the project mandated by law or court action?
3. Is there a relationship between the proposed project and the City's goals and objectives and/or the goals and objectives of the appropriate board or commission?
4. Is alternative funding available? Is funding available through other sources or is funding available through land contract or bonding to minimize annual cost requirement?
5. Does the proposed project generate revenue for the general fund and/or other funds? This item should be determined based upon an annual forecast and the schedule of revenues should be designated by the appropriate fund.
6. Does the proposed project result in the use of supplementary funds for "leverage" using matching funds with other funding sources.

Once the Committee members ranked the Year 1 projects, the list was then forwarded to the Administrative Team for final scoring of the projects requested prior to the draft CIP being created. Once the draft CIP document is compiled, it is forwarded on to Planning Commission for adoption after review during an open meeting. City Council adopts the CIP after the Planning Commission and prior to the budget adoption. CIP should be used as a tool by City Council during the budget process.

FUNDING

Each year during the Budget process City Council will review the CIP Year 1 projects and evaluate the available revenue to determine the feasibility of funding projects. While recommended funding sources are listed in the CIP, those may change during the budget process. Some Year 1 projects may also remain unfunded during the Budget process.

Below you will find a brief description of the possible funding sources for the six year CIP:

Major and Local Street Fund – The major and local street funds are considered special revenue funds which utilize state and weight tax revenues for the maintenance and improvements to city streets.

Bond - When the City sells bonds, purchasers are, in effect, lending the community money. The money is repaid, with interest, from taxes or fees over the years. The logic behind issuing bonds (or “floating a bond issue”) for capital projects is that the citizens who benefit from the capital improvements over a period of time should help the community pay for them.

Grants - The federal and state governments make funds available to communities through numerous grants and aid programs. The City has no direct control over the amount of grant money awarded to the City or if a grant is awarded. MMRMA, our liability/property insurer, also offers grants. These are risk avoidance grants, as well as, some training grants.

Special Assessment District - Capital improvements that benefit particular properties, rather than the community as a whole, may be financed more equitably by a special assessment, i.e., by those who directly benefit. Local improvements often financed by this method include street improvements (including pavement, curb and gutter, sidewalks, etc.).

General Fund – The general fund is the City’s primary operating fund. The general fund is a government fund that generates revenues to cover general operational expenses and is accounted for on the modified accrual basis. Modified accrual basis of accounting is a blend of both cash and full accrual. Revenue is recognized when it is considered available and measurable, while expenses are recognized when the liability has occurred.

Motor Pool - This fund operates like a business by purchasing and maintaining much of the city vehicles and equipment. When other funds require the use of this equipment or vehicles, they are charged rental income.

Sewer Fund – The sewer fund collects user fees to operate and maintain the city’s sewer system.

Water Fund – The water fund collects user fees to operate and maintain the city’s water system.

Wastewater Treatment Fund – This fund accounts for the treatment of waste water utilizing user fees from the city’s water fund and user fees from the Mid-County service area participants.

Downtown Development Authority (DDA) Fund – The DDA collects revenues from taxes generated by a 2-mil levy and a tax increment financing district. Proceeds from these revenues are used as operating monies and as debt service for physical improvements and other activities in the DDA boundary.

Parks and Historic Millage – This millage was approved by the voters in November of 2018. This millage will levy a new additional millage of one mill (\$1.00 per \$1,000.00) on the taxable value of property located in the City of Owosso. The millage shall be levied for two years beginning with the 2019 tax levy year and running through the 2020 tax year (inclusive). As approved, the millage will provide funding to the City of Owosso Parks and Recreation Commission and the City of Owosso Historical Commission. Revenue will be used to maintain, improve, and upgrade parks and preserve historical sites within the City of Owosso.

Donations & Private Sponsorship – This funding source is based on dollars or in-kind donations received from individuals or businesses for specific projects or to specific organizations.

CIP COMPONENTS

The components of the CIP have been established as follows:

CATEGORY	DEPARTMENT
Comm Dev	Community Development
Historical	Historical Facilities
IT	Information Technology
Main St/DDA	Main Street and Downtown Development Authority
Parks and Rec	Parks and Recreation
Public Safety	Public Safety
Public Service	Public Service
Public Works	Public Works
WTP	Water Treatment Plant
WWTP	Waste Water Treatment Plant

PROJECTS BY CATEGORY

CATEGORY	PROJECT NAME	FUNDING SOURCE	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	TOTAL
Comm Dev	Grover Street Demo	General Fund	\$ 15,000						\$ 15,000
Comm Dev	Zoning Ordinance Update	General Fund	\$ 20,000	\$ 20,000					\$ 40,000
Comm Dev	TOTAL		\$ 35,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 55,000
Historical	Curwood Castle Exterior Lighting	Private donations and sponsorships	\$ 10,000						\$ 10,000
Historical	Curwood Castle HVAC Replacement	Millage, donations and grants		\$ 80,000					\$ 80,000
Historical	Curwood Castle Lower Level Exhibition Space	Millage, donations, sponsorships and grants		\$ 75,000					\$ 75,000
Historical	Curwood Castle Roof Repair and Maintenance	Millage, donations and grants	\$ 12,000						\$ 12,000
Historical	Gould House Historical Architecture and Engineering Report	Millage, donations and grants	\$ 40,000						\$ 40,000
Historical	Gould House Roof and Gutter Replacement	Millage, donations and grants	\$ 37,594						\$ 37,594
Historical	TOTAL		\$ 99,594	\$ 155,000	\$ -	\$ -	\$ -	\$ -	\$ 254,594
IT	General IT Upgrades	General Fund	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 60,000
IT	Replace Battery back up	General Fund	\$ 25,000						\$ 25,000
IT	Replace Phone Handsets	General Fund		\$ 10,000	\$ 14,000				\$ 24,000
IT	Replacement of Firewall	General Fund, MMRPA RAP Grant				\$ 28,000			\$ 28,000
IT	Election Equipment Upgrades	General Fund	\$ 16,422						\$ 16,422
IT	Water Meter Customer Portal	Water Fund	\$ 25,000	\$ 19,000	\$ 19,000	\$ 19,000	\$ 19,000	\$ 19,000	\$ 120,000
IT	TOTAL		\$ 76,422	\$ 39,000	\$ 43,000	\$ 57,000	\$ 29,000	\$ 29,000	\$ 273,422
Main St/DDA	ATV with snow blower/plow for Downtown Snow Removal	DDA, General Fund	\$ 15,000						\$ 15,000
Main St/DDA	Downtown Planters	DDA, General Fund		\$ 10,000	\$ 10,000				\$ 20,000
Main St/DDA	Downtown Security Cameras	DDA, Donations	\$ 11,000						\$ 11,000
Main St/DDA	Downtown Streetscape Improvements	DDA, General Fund	\$ 10,000	\$ 10,000	\$ 10,000				\$ 30,000
Main St/DDA	TOTAL		\$ 36,000	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ -	\$ 76,000
Parks and Rec	Adams Park Pavilion	Grant, Donations	\$ 10,000						\$ 10,000
Parks and Rec	Barrier Free Landing at Oakwood Ave Bridge	Millage, Grant, Donations	\$ 40,000						\$ 40,000
Parks and Rec	Bennett Additional Parking	Millage		\$ 20,000					\$ 20,000
Parks and Rec	Bennett Field Drainage	Millage	\$ 10,000						\$ 10,000
Parks and Rec	Collamer Park Boat Launch	General Fund, Grant, Donation			\$ 15,000				\$ 15,000
Parks and Rec	Collamer Park East Side Parking	General Fund, Grant, Donation			\$ 30,000				\$ 30,000
Parks and Rec	Collamer Park Fishing Pier	General Fund, Grant, Donation			\$ 15,000				\$ 15,000
Parks and Rec	Curwood Area Boat Launch	Grant, Donation	\$ 20,000						\$ 20,000
Parks and Rec	Curwood Castle Parking Lot Improvements	Millage		\$ 200,000					\$ 200,000
Parks and Rec	Grove Holman Building Renovations/Parking Lot	Millage, Grant, Donation	\$ 150,000						\$ 150,000
Parks and Rec	Hugh Parker Equipment Storage Building	Grant, Donation				\$ 30,000			\$ 30,000
Parks and Rec	Hugh Parker Field Improvements	General Fund, Grant, Donation				\$ 30,000			\$ 30,000
Parks and Rec	N. Chipman Footbridge	General Fund, Grant, Donation				\$ 100,000			\$ 100,000
Parks and Rec	Park Entrance Signage	General Fund, Grant, Donation				\$ 80,000			\$ 80,000
Parks and Rec	Rosevear Drain Culvert	General Fund, Grant, Donation				\$ 30,000			\$ 30,000
Parks and Rec	Rosevear Parking Lot	General Fund, Grant, Donation				\$ 30,000			\$ 30,000
Parks and Rec	Rosevear to Collamer Connection Path	General Fund, Grant, Donation				\$ 30,000			\$ 30,000
Parks and Rec	Rudy DeMuth Oakwood Parking Lot	General Fund, Grant, Donation				\$ 100,000			\$ 100,000
Parks and Rec	Rudy DeMuth Parking Removal	General Fund, Grant, Donation				\$ 10,000			\$ 10,000
Parks and Rec	Trailhead to Connect to CIS	General Fund, Grant, Donation	\$ 10,000						\$ 10,000
Parks and Rec	TOTAL		\$ 240,000	\$ 220,000	\$ 60,000	\$ 200,000	\$ 240,000	\$ -	\$ 960,000
Public Safety	Ambulance Replacement	General Fund		\$ 175,000					\$ 175,000
Public Safety	Automatic External Defibrillator (AED)	General Fund		\$ 28,000					\$ 28,000
Public Safety	Coban Server	General Fund, MMRPA RAP Grant	\$ 10,000						\$ 10,000
Public Safety	Jaws of Life Replacement	General Fund	\$ 30,000						\$ 30,000
Public Safety	Patrol Vehicle Replacement	General Fund	\$ 93,000	\$ 47,500	\$ 48,500	\$ 99,000	\$ 51,000	\$ 52,000	\$ 391,000
Public Safety	Public Safety Building	General Fund		\$ 9,000,000					\$ 9,000,000
Public Safety	Radios Replacement	General Fund			\$ 200,000				\$ 200,000
Public Safety	Self-Contained Breathing Apparatus (SCBA) Bottles	General Fund			\$ 125,000				\$ 125,000
Public Safety	TOTAL		\$ 133,000	\$ 9,250,500	\$ 373,500	\$ 99,000	\$ 51,000	\$ 52,000	\$ 9,959,000

PROJECTS BY CATEGORY

CATEGORY	PROJECT NAME	FUNDING SOURCE	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	TOTAL
Public Service	Abrey Avenue Resurfacing	Bond, SAD	\$ 23,000						\$ 23,000
Public Service	Allendale Avenue Resurfacing	Bond, SAD	\$ 41,000						\$ 41,000
Public Service	Ball Street Rehabilitation	Bond, SAD					\$ 300,000	\$ 320,000	\$ 620,000
Public Service	Broadway Avenue Rehabilitation	Bond, SAD					\$ 140,000	\$ 140,000	\$ 280,000
Public Service	Carmody Street Rehabilitation	Bond, SAD			\$ 136,000				\$ 136,000
Public Service	Cedar Street Rehabilitation - Phase 1	Bond, SAD, Water Fund	\$ 100,000	\$ 280,000					\$ 380,000
Public Service	Cedar Street Rehabilitation - Phase 2	Bond, SAD, Water Fund					\$ 1,080,000		\$ 1,080,000
Public Service	Center Street Rehabilitation - King St to 132 ft north of Alturas	Bond, SAD, Water Fund	\$ 140,000	\$ 140,000					\$ 280,000
Public Service	Center Street Resurfacing - Alturas Drive to North	Bond, SAD, Water Fund	\$ 237,000	\$ 80,000					\$ 317,000
Public Service	Chip Seal Program	PA-51 Major and Local Funds	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,200,000
Public Service	Chipman Resurfacing - Harding to North	Bond, SAD					\$ 315,000		\$ 315,000
Public Service	Chipman Street Reconstruction - Main St to Beehler St	Bond, MDOT Grant, SAD		\$ 435,000	\$ 100,000				\$ 535,000
Public Service	Clark Avenue Resurfacing	Bond, SAD, Water Fund	\$ 24,000	\$ 417,000					\$ 441,000
Public Service	Clinton Street Rehabilitation	Bond, SAD					\$ 200,000	\$ 220,000	\$ 420,000
Public Service	Clyde Street Resurfacing	Bond, SAD			\$ 55,000				\$ 55,000
Public Service	Dewey Street Rehabilitation	Bond, SAD		\$ 500,000	\$ 622,000				\$ 1,122,000
Public Service	Division Street Rehabilitation	Bond, SAD		\$ 150,000	\$ 165,000				\$ 315,000
Public Service	Exchange Street Rehabilitation	Bond, SAD			\$ 360,000	\$ 500,000			\$ 860,000
Public Service	Ford F-150 Super Cab with add-ons	Motor Pool	\$ 35,505						\$ 35,505
Public Service	Gould Street Rehabilitation - Oliver to Moore	Bond, SAD, Small Urban Grant					\$ 270,000	\$ 330,000	\$ 600,000
Public Service	Howell Street Resurfacing	Bond, SAD			\$ 43,000				\$ 43,000
Public Service	King Street Rehabilitation	Bond, SAD			\$ 460,000	\$ 540,000			\$ 1,000,000
Public Service	Lynn Street Resurfacing	Bond, SAD			\$ 20,000				\$ 20,000
Public Service	Mason Street Rehabilitation	Bond, SAD				\$ 300,000	\$ 350,000		\$ 650,000
Public Service	Monroe Street Resurfacing - McMillan to East City Limit	Bond, SAD	\$ 30,000						\$ 30,000
Public Service	Monroe Street Rehabilitation - Washington to Broadway	Bond, SAD					\$ 250,000	\$ 270,000	\$ 520,000
Public Service	North Street Rehabilitation - Hickory to Gould	Bond, SAD	\$ 400,000	\$ 450,000					\$ 850,000
Public Service	North Street Rehabilitation - N. Shiawassee to Hickory	Bond, SAD, Small Urban Grant				\$ 170,000	\$ 440,000		\$ 610,000
Public Service	North Street Resurfacing - West City Limit to N. Chipman	Bond, SAD	\$ 170,000						\$ 170,000
Public Service	Palmer Avenue Resurfacing	Bond, SAD	\$ 21,000						\$ 21,000
Public Service	Pearce Street Resurfacing	Bond, SAD			\$ 138,000				\$ 138,000
Public Service	Pilot Drinking Water Grant	MDEQ Grant	\$ 508,000						\$ 508,000
Public Service	Retaining Wall Replacement at City Hall	General Fund	\$ 188,000						\$ 188,000
Public Service	Ryan Street Reconstruction	Bond, SAD	\$ 400,000						\$ 400,000
Public Service	S. Washington Water Main - W. Stewart St to Corunna Avenue	Water Fund	\$ 54,000						\$ 54,000
Public Service	Sanitary Sewer Interceptor	Wastewater Fund	\$ 126,455						\$ 126,455
Public Service	Sanitary Sewer Manhole Survey	Wastewater Fund	\$ 67,900						\$ 67,900
Public Service	Seventh Street Rehabilitation	Bond, SAD	\$ 218,000						\$ 218,000
Public Service	Seventh Street Water Main	Water Fund	\$ 56,025						\$ 56,025
Public Service	Sewer Rehab-St. Construction	Wastewater Fund	\$ 326,000						\$ 326,000
Public Service	Shady Lane - Resurfacing	Bond, SAD			\$ 125,000	\$ 125,000			\$ 250,000
Public Service	Sidewalk Replacement	Act-51 local & major street fund	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 540,000
Public Service	Stewart Street Rehabilitation	Bond, SAD, TEDF Category F grant				\$ 430,000	\$ 100,000		\$ 530,000
Public Service	Storm Sewer Lining	Bond, SAD	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,200,000
Public Service	Street Patch	Act-51 local & major street fund, water, sewer fund	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 420,000
Public Service	Summit Street Rehabilitation	Bond, SAD, Water Fund	\$ 677,000	\$ 200,000					\$ 877,000
Public Service	Washington Street Road Rehabilitation - Gute to M-71	Bond, Grant, SAD, Water Fund	\$ 895,000						\$ 895,000
Public Service	Water Main Replacement - 2020 - Construction Misc Other	Water Fund		\$ 431,850					\$ 431,850
Public Service	Water Main Replacement - 2021 - Construction Misc Other	Water Fund			\$ 1,307,925				\$ 1,307,925
Public Service	Water Main Replacement - 2022 - Construction Misc Other	Water Fund				\$ 1,243,800			\$ 1,243,800
Public Service	Water Main Replacement - 2023 - Construction Misc Other	Water Fund					\$ 1,517,550		\$ 1,517,550
Public Service	Water Main Replacement - 2024 - Construction Misc Other	Water Fund						\$ 1,989,450	\$ 1,989,450
Public Service	Williams Street Rehabilitation - N. Shiawassee to Washington	Bond, SAD	\$ 220,000						\$ 220,000
Public Service	Woodlawn Avenue Rehabilitation - Farr to Auburndale	Bond, SAD			\$ 90,000	\$ 100,000			\$ 190,000
Public Service	Woodlawn Avenue Rehabilitation - Monroe to Corunna	Bond, SAD			\$ 60,000	\$ 60,000			\$ 120,000
Public Service	TOTAL		\$ 5,517,885	\$ 3,643,850	\$ 4,241,925	\$ 4,028,800	\$ 5,522,550	\$ 3,829,450	\$ 26,784,460

PROJECTS BY CATEGORY

CATEGORY	PROJECT NAME	FUNDING SOURCE	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	TOTAL					
Public Works	1 1/2 Ton Dump Truck	Motor Pool	\$ 60,000						\$ 60,000					
Public Works	Backhoe - Attachments - 2	Motor Pool							\$ 35,000	\$ 35,000				
Public Works	Backhoes - 2	Motor Pool							\$ 100,000	\$ 100,000				
Public Works	Brush Chipper	Motor Pool							\$ 48,000	\$ 48,000				
Public Works	Bucket Trucks - Ariel Lift	Motor Pool	\$ 200,000							\$ 120,000	\$ 320,000			
Public Works	Carpet for Finance/IT Wing of City Hall	General Fund	\$ 10,000								\$ 10,000			
Public Works	City Hall Front Steps	General Fund								\$ 15,000	\$ 15,000			
Public Works	Concrete Mill	Motor Pool								\$ 10,500	\$ 10,500			
Public Works	Hook Lift Bodies	Motor Pool								\$ 17,000	\$ 17,000			
Public Works	Jetter - Vactor Truck	Motor Pool							\$ 300,000		\$ 300,000			
Public Works	Library Air Conditioning	General Fund								\$ 30,000	\$ 30,000			
Public Works	Oakwood Ballfield Lighting Improvements	General Fund								\$ 12,000	\$ 12,000			
Public Works	Overhead Street Lights and Poles	General Fund	\$ 10,000	\$ 10,000	\$ 10,000					\$ 30,000	\$ 30,000			
Public Works	Paint Stripe Machine	Motor Pool	\$ 13,000								\$ 13,000	\$ 13,000		
Public Works	Pickup 4X4 W-Blade	Motor Pool							\$ 42,000		\$ 42,000	\$ 42,000		
Public Works	Pickups - 3/4 & 1 Ton	Motor Pool	\$ 56,000	\$ 56,000	\$ 62,000	\$ 58,000				\$ 232,000	\$ 232,000			
Public Works	Portable Air Compressor	Motor Pool	\$ 23,500								\$ 23,500	\$ 23,500		
Public Works	Public Works Building Improvements	General Fund, Motor Pool	\$ 12,000	\$ 15,000	\$ 45,000					\$ 72,000	\$ 72,000			
Public Works	Salt Trucks - Single Axle	Motor Pool	\$ 260,000								\$ 260,000	\$ 260,000		
Public Works	Security & Accessibility Technology at City Hall	General Fund	\$ 10,000								\$ 10,000	\$ 10,000		
Public Works	Skid Steer - W/Attachments	Motor Pool							\$ 85,000		\$ 85,000	\$ 85,000		
Public Works	Sweeper	Motor Pool	\$ 248,000							\$ 300,000		\$ 548,000	\$ 548,000	
Public Works	Tandem Axle - 10 Yard Dump	Motor Pool							\$ 140,000	\$ 280,000	\$ 155,000	\$ 575,000	\$ 575,000	
Public Works	Tractor 4X4 - Mowing	Motor Pool							\$ 38,000				\$ 38,000	\$ 38,000
Public Works	Wheel Loaders - 2	Motor Pool							\$ 510,000				\$ 510,000	\$ 510,000
Public Works	TOTAL		\$ 842,500	\$ 305,500	\$ 457,000	\$ 258,000	\$ 1,013,000	\$ 520,000		\$ 3,396,000	\$ 3,396,000			
WTP	16" High Service Pipe	Water Fund	\$ 100,000								\$ 100,000	\$ 100,000		
WTP	Chlorine Distribution Tanks	Water Fund							\$ 40,000		\$ 40,000	\$ 40,000		
WTP	CO2 Distribution System Rehab	Water Fund							\$ 100,000		\$ 100,000	\$ 100,000		
WTP	Filter BW Pump,VFD, Controls	Water Fund							\$ 100,000				\$ 100,000	\$ 100,000
WTP	Fluoride Distribution System	Water Fund							\$ 27,000				\$ 27,000	\$ 27,000
WTP	Hintz Well Phase II	Water Fund	\$ 155,000									\$ 155,000	\$ 155,000	
WTP	Hopkins Lake Well Field Development	Water Fund							\$ 425,000				\$ 425,000	\$ 425,000
WTP	Induced Draft Aerator Rehab	Water Fund							\$ 40,000				\$ 40,000	\$ 40,000
WTP	Lagoon Security Fence	Water Fund							\$ 40,400				\$ 40,400	\$ 40,400
WTP	No. 1 HS Pump and Controls	Water Fund	\$ 52,000									\$ 52,000	\$ 52,000	
WTP	SCADA Controls	Water Fund							\$ 200,000				\$ 200,000	\$ 200,000
WTP	Standpipe & Booster Pump Station Rehab	Water Fund							\$ 410,000				\$ 410,000	\$ 410,000
WTP	West Elevated Tower Rehab	Water Fund							\$ 300,000				\$ 300,000	\$ 300,000
WTP	TOTAL		\$ 307,000	\$ 725,000	\$ 40,400	\$ 710,000	\$ 140,000	\$ 67,000		\$ 1,989,400	\$ 1,989,400			
WWTP	Administration Building Rehabilitation	Wastewater Fund							\$ 400,000				\$ 400,000	\$ 400,000
WWTP	Backup Generator - WWTP	Wastewater Fund	\$ 350,000									\$ 350,000	\$ 350,000	
WWTP	Beehler/Bradley St Retention Basin	MDEQ SRF Loan							\$ 3,500,000				\$ 3,500,000	\$ 3,500,000
WWTP	East Roughing Tower Pump	Wastewater Fund							\$ 20,000				\$ 20,000	\$ 20,000
WWTP	Electrical/Instrumentation Rehabilitation - misc.	Wastewater Fund	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000		\$ 120,000	\$ 120,000			
WWTP	Grit Removal System	Wastewater Fund							\$ 1,030,000				\$ 1,030,000	\$ 1,030,000
WWTP	Main Building Roof Replacement	Wastewater Fund	\$ 350,000									\$ 350,000	\$ 350,000	
WWTP	Nitrification Tower Replacement	Wastewater Fund							\$ 2,500,000				\$ 2,500,000	\$ 2,500,000
WWTP	Pressure Filter Replacement	Wastewater Fund							\$ 1,300,000				\$ 1,300,000	\$ 1,300,000
WWTP	Pump & Motor Replacement	Wastewater Fund	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000		\$ 120,000	\$ 120,000			
WWTP	SCADA System Install	Wastewater Fund							\$ 300,000				\$ 300,000	\$ 300,000
WWTP	Screw Pumps - 3	Wastewater Fund	\$ 725,000									\$ 725,000	\$ 725,000	
WWTP	Secondary Clarifier Flight Chain Repair	Wastewater Fund	\$ 25,000									\$ 25,000	\$ 25,000	
WWTP	Secondary Clarifier Replacement	Wastewater Fund							\$ 2,500,000				\$ 2,500,000	\$ 2,500,000

PROJECTS BY CATEGORY

CATEGORY	PROJECT NAME	FUNDING SOURCE	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	TOTAL
WWTP	Sludge Dewatering Centrifuge	Wastewater Fund		\$ 30,000			\$ 30,000		\$ 60,000
WWTP	Tertiary Pump Replacement	Wastewater Fund	\$ 20,000		\$ 20,000	\$ 20,000			\$ 60,000
WWTP	Van Replacement	Wastewater Fund	\$ 25,000						\$ 25,000
WWTP	West Roughing Tower Pump	Wastewater Fund					\$ 20,000		\$ 20,000
WWTP	TOTAL		\$ 1,535,000	\$ 4,620,000	\$ 1,360,000	\$ 2,560,000	\$ 790,000	\$ 2,540,000	\$ 13,405,000
TOTAL			\$ 8,822,401	\$ 18,998,850	\$ 6,595,825	\$ 7,912,800	\$ 7,785,550	\$ 7,037,450	\$ 57,152,876

COMMUNITY DEVELOPMENT PROJECTS

424 GROVER STREET DEMO

Project Year: 2019-20
Estimated Cost: \$15,000
Primary Funding Source: General Fund
Additional Funding Source: Grant
Ranking: Low

Description: The project would involve hiring a consultant to test and abate any found asbestos, demolish the existing house, backfill and plant grass.

ZONING ORDINANCE UPDATE

Project Year: 2019-21
Estimated Cost: \$40,000 total
Primary Funding Source: General Fund
Additional Funding Source:
Ranking: Low

Description: This project would involve issuing an RFP to secure a consulting firm to handle the update of the existing zoning and sign ordinance. This would occur after the completion of the Master Plan update. The Master Plan will provide framework for the zoning ordinance update.

HISTORICAL FACILITIES PROJECTS

Curwood Castle Exterior Lighting

Project Year: 2019-20
 Estimated Cost: \$10,000
 Primary Funding Source: Parks & Historic Millage
 Additional Funding Source: Donations,
 Sponsorships

Description: Replace the existing exterior lights at Curwood Castle; add lights to the Curwood Statue.

Curwood Castle HVAC Replacement

Project Year: 2020-21
 Estimated Cost: \$80,000
 Primary Funding Source: Parks & Historic Millage
 Additional Funding Source: Donations,
 Sponsorships, Grants

Description: Replace the radiant heat at Curwood Castle with a year round heating and cooling system.

Curwood Castle Lower Level Exhibition Space

Project Year: 2020-21
 Estimated Cost: \$75,000
 Primary Funding Source: Parks & Historic Millage
 Additional Funding Source: Donations,
 Sponsorships, Grants

Description: Create a professional exhibition space in the lower level of Curwood Castle dedicated to James Oliver Curwood.

Curwood Castle Roof Repair and Maintenance

Project Year: 2019-20
 Estimated Cost: \$12,000
 Primary Funding Source: Parks & Historic Millage
 Additional Funding Source: Donations and grants
 Ranking: Low

Description: Repair and maintenance of the slate roof on Curwood Castle. Also repair of the copper gutters and flashing. Repair to sections of the roof and copper gutters which were vandalized two years ago; and routine maintenance of the slate roof.

Gould House Architectural and Engineering Report

Project Year: 2019-20
 Estimated Cost: \$40,000
 Primary Funding Source: Parks & Historic Millage
 Additional Funding Source: Donations and Grants
 Ranking: Medium

Description: Prepare a detailed historical architectural and engineering report for the Amos Gould House Museum. The report would act as a guide for a 5-year, tiered renovation and restoration plan.

HISTORICAL FACILITIES PROJECTS

Gould House Roof & Gutter Replacement

Project Year: 2019-20

Estimated Cost: \$37,594

Primary Funding Source: Parks & Historic Millage

Additional Funding Source: Donations and grants

Ranking: Low

Description: Replace roof and gutters on the Amos Gould House Museum.

INFORMATION TECHNOLOGY PROJECTS

General IT Upgrades

Project Year: 2019-25
 Estimated Cost: \$10,000
 Primary Funding Source: General Fund
 Additional Funding Source:
 Ranking: Low

Description: Replacement of computers, printers, etc. as needed. Scheduled replacement, replacement of worn-out and obsolete equipment.

Replace Battery Backup

Project Year: 2019-20
 Estimated Cost: \$25,000
 Primary Funding Source: General Fund
 Additional Funding Source:
 Ranking: Low

Description: Replacement of worn-out, obsolete equipment and increase safety.

Replace Phone Handsets

Project Year: 2020-22
 Estimated Cost: \$24,000 total
 Primary Funding Source: General Fund
 Additional Funding Source:

Description: Scheduled replacement and replacement obsolete equipment

Replacement of Firewall

Project Year: 2022-23
 Estimated Cost: \$28,000
 Primary Funding Source: General Fund
 Additional Funding Source:

Description: Scheduled replacement and replacement of worn-out and obsolete equipment.

Election Equipment Upgrades

Project Year: 2019-20
 Estimated Cost: \$16,422
 Primary Funding Source: General Fund
 Additional Funding Source:

Description: Replacement of 6 election laptops and the purchase of a 2nd AVCB scanning unit (including printer & cabinets)

Water Meter Customer Portal

Project Year: 2019-25
 Estimated Cost: \$120,000 total
 Primary Funding Source: Water Fund
 Additional Funding Source:

Description: ACLARA Technologies "Adaptive Consumer Engagement" (ACE) Program. Allows customer to access their water account from cell phones, I-Pads, PC's.

MAIN STREET AND DDA PROJECTS

ATV with Snow Blower/Plow

Project Year: 2019-20
 Estimated Cost: \$15,000
 Primary Funding Source: DDA
 Additional Funding Source: General Fund
 Ranking: Low

Description: The sidewalk snow removal with this machine would be a new service offered to downtown stakeholders. Increase safety, improve service to community.

Downtown Planters

Project Year: 2020-22
 Estimated Cost: \$20,000 total
 Primary Funding Source: DDA
 Additional Funding Source: General Fund

Description: The Downtown Planter project will buy new, movable planters for the downtown district.

Downtown Security Cameras

Project Year: 2019-20
 Estimated Cost: \$11,000
 Primary Funding Source: DDA
 Additional Funding Source: Donations
 Ranking: Low

Description: The Downtown Security Camera project will buy new security cameras for the downtown district. Owosso Main Street is working with Retriever Solutions and Daystarr Communication to implement a new camera system. Both Retriever & Daystarr are donating their labor & services to make the project happen. The only costs needed is the purchase of the equipment.

Downtown Streetscape Improvements

Project Year: 2019-22
 Estimated Cost: \$30,000 total
 Primary Funding Source: DDA
 Additional Funding Source: General Fund
 Ranking: Medium

Description: The Downtown Street-scape Improvement project will repair, and replace street-scape elements throughout the downtown districts. Owosso Main Street/DDA has formed a "Street-scape" sub-committee made up of volunteers, City Staff, DPW, and local landscapers to assess downtown flowerbeds, trees, sidewalks, and parking lots. Over the past 8-months, the sub-committee has developed a plan to remove & replant trees, repair & modify flower beds, and repair sidewalks. This plan estimates the costs associated with those activities.

PARKS AND RECREATION PROJECTS

Adams Park Pavilion

Project Year: 2019-20
 Estimated Cost: \$10,000
 Primary Funding Source: Millage
 Additional Funding Source: Grant, Private
 Donation, Service Club Donation
 Ranking: Low

Description: Build a pavilion at Adams Park

Barrier Free Landing at Oakwood Ave Bridge

Project Year: 2019-20
 Estimated Cost: \$40,000
 Primary Funding Source: Millage
 Additional Funding Source: Grant, Private
 Donation, Service Club Donation
 Ranking: Low

Description: Install barrier free canoe/kayak
 landing site at Oakwood Ave. bridge

Bennett Additional Parking

Project Year: 2020-21
 Estimated Cost: \$20,000
 Primary Funding Source: Millage
 Additional Funding Source:
 Ranking: Medium

Description: Designate extra area within park for
 additional 20-40 spaces

Bennett Field Drainage

Project Year: 2019-20
 Estimated Cost: \$10,000
 Primary Funding Source: Millage
 Additional Funding Source:

Description: Address the flow and drainage issues
 on the junior playing field and in the parking lots

Collamer Park Boat Launch

Project Year: 2021-22
 Estimated Cost: \$15,000
 Primary Funding Source: Millage
 Additional Funding Source: Grant, Donations,
 Service Club Donation

Description: Build a boat launch at Collamer Park

PARKS AND RECREATION PROJECTS

Collamer Park East Side Parking

Project Year: 2021-22
 Estimated Cost: \$30,000
 Primary Funding Source: Millage
 Additional Funding Source: Grant, Donations,
 Service Club Donation

Description: Develop parking on east side of lake with the fishing pier to satisfy the needs of the trailhead and pier at the south end of Palmer Street. Could also supplement parking for the small pavilion use.

Collamer Park Fishing Pier

Project Year: 2021-22
 Estimated Cost: \$15,000
 Primary Funding Source: Millage
 Additional Funding Source: Grant, Donations,
 Service Club Donation

Description: Add fishing pier on east side of lake built with above parking lot

Curwood Area Boat Launch

Project Year: 2019-20
 Estimated Cost: \$20,000
 Primary Funding Source: Millage
 Additional Funding Source: Grant, Donations,
 Service Club Donation
 Ranking: Low

Description: Build a canoe/kayak launch at the middle school

Curwood Castle Parking Lot Improvements

Project Year: 2020-21
 Estimated Cost: \$200,000
 Primary Funding Source: Millage
 Additional Funding Source:

Description: Establish a traveler's/visitors mini-lot with picnic facilities overlooking the River

Grove Holman Grove Holman Building Renovation/Parking Lot

Project Year: 2019-20
 Estimated Cost: \$150,000
 Primary Funding Source: Millage
 Additional Funding Source: Grant, Donations,
 Service Club Donation

Description: Restoration of the building & parking lot located in Grove Holman Park (the former pool building). Interior improvements will include: restoration of public bathrooms; creation of areas for a warming station and concessions. Half of the interior will be used for storage. Exterior improvements will include; new doors, windows, paint, landscaping. In addition pathways and the parking lot will be redone.

PARKS AND RECREATION PROJECTS

Hugh Parker Equipment Storage Building	
Project Year: 2023-24 Estimated Cost: \$30,000 Primary Funding Source: Millage Additional Funding Source: Donations	Description: Construction an equipment storage building in partnership with service groups
Hugh Parker Field Improvements	
Project Year: 2023-24 Estimated Cost: \$30,000 Primary Funding Source: Millage Additional Funding Source: Grant, Donations	Description: Partnering with service groups to improve bathrooms and field, establish and implement a maintenance standard for the Abrey Creek drain embankments and add permanent surface in the parking lot along Lincoln Ave.
N. Chipman Footbridge	
Project Year: 2023-24 Estimated Cost: \$100,000 Primary Funding Source: Millage Additional Funding Source: Grant, Donations, Service Club Donation	Description: Create a footbridge/bicycle path across the river from N. Chipman Street to Harmon Partridge Park
Park Entrance Signage	
Project Year: 2023-24 Estimated Cost: \$80,000 Primary Funding Source: Millage Additional Funding Source: Grant, Donations, Service Club Donation, Commercial Sponsorship	Description: Signage for all parks at major entrance ways
Rosevear Drain Culvert	
Project Year: 2022-23 Estimated Cost: \$30,000 Primary Funding Source: Millage Additional Funding Source: Grant, Donations, Service Club Donation	Description: Fix the existing drain culvert at Rosevear Park and provide guard rails to prevent accidental falls
Rosevear Parking Lot	
Project Year: 2022-23 Estimated Cost: \$30,000 Primary Funding Source: Millage Additional Funding Source: Grant, Donations, Service Club Donation	Description: Design and build a parking lot at Rosevear Park

PARKS AND RECREATION PROJECTS

Rosevear to Collamer Connection Path

Project Year: 2022-23
 Estimated Cost: \$30,000
 Primary Funding Source: Millage
 Additional Funding Source: Grant, Donations,
 Service Club Donation

Description: Create a non-motorized path
 connecting Rosevear to Collamer Park via the
 industrial park

Rudy DeMuth Oakwood Parking Lot

Project Year: 2022-23
 Estimated Cost: \$100,000
 Primary Funding Source: Millage
 Additional Funding Source: Grant, Donations,
 Service Club Donation

Description: Create parking lot the closed
 Oakwood street with a turnaround

Rudy DeMuth Parking Removal

Project Year: 2022-23
 Estimated Cost: \$10,000
 Primary Funding Source: Millage
 Additional Funding Source: Grant, Donations,
 Service Club Donation

Description: Eliminate parking between ball
 diamonds but maintain a gated service drive

Trailhead to Connect to CIS

Project Year: 2019-20
 Estimated Cost: \$10,000
 Primary Funding Source: Millage
 Additional Funding Source: Grant, Donations
 Ranking: Low

Description: Establish trailhead in the City that
 connects to the Ionia Trail, preferably Curwood
 Park or near downtown

PUBLIC SAFETY PROJECTS

Ambulance Replacement	
Project Year: 2020-21 Estimated Cost: \$175,000 Primary Funding Source: General Fund Additional Funding Source:	Description: Replacement of an ambulance that is scheduled for replacement, worn-out. This purchase will increase safety and improvement service in the community.
Automatic External Defibrillator (AED) Replacement	
Project Year: 2020-21 Estimated Cost: \$28,000 Primary Funding Source: General Fund Additional Funding Source:	Description: Purchase of an AED machine to replace a worn out/obsolete one. This purchase will increase safety and improvement service in the community.
Coban Server	
Project Year: 2019-20 Estimated Cost: \$10,000 Primary Funding Source: General Fund Additional Funding Source: MMRPA RAP Grant Ranking: Low	Description: This server would allow for the implementation of body cameras
Jaws of Life Replacement	
Project Year: 2019-20 Estimated Cost: \$30,000 Primary Funding Source: General Fund Additional Funding Source: Ranking: Low	Description: Purchase of the jaws of life to replace a worn out/obsolete one. This purchase will increase safety and improvement service in the community.
Patrol Vehicle Replacement	
Project Year: 2019-25 Estimated Cost: \$391,000 total Primary Funding Source: General Fund Additional Funding Source: Ranking: Low	Description: Purchase of four vehicles every three years to replace a worn out/obsolete units. This purchase will increase safety and improvement service in the community.
Public Safety Building	
Project Year: 2020-21 Estimated Cost: \$9,000,000 Primary Funding Source: General Fund Additional Funding Source:	Description: Level and replace existing Public Safety building with a more energy efficient building. Needs assessment of current building was completed in the 2017-2018 budget year.

PUBLIC SAFETY PROJECTS

Radios Replacement

Project Year: 2021-20

Estimated Cost: \$200,000

Primary Funding Source: General Fund

Additional Funding Source:

Description: Purchase of 50 radios to replace worn out/obsolete units.

Self-Contained Breathing Apparatus (SCBA)**Bottles**

Project Year: 2021-22

Estimated Cost: \$125,000

Primary Funding Source: General Fund

Additional Funding Source:

Description: Purchase of 25 SCBA bottles which are scheduled for replacement.

PUBLIC SERVICE PROJECTS

Abrey Avenue Resurfacing

Project Year: 2019-20
 Estimated Cost: \$23,000
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Melinda Street to Allendale Avenue. City project for .11 mile road resurfacing; altogether with related work items plus engineering fee.

Allendale Avenue Resurfacing

Project Year: 2019-20
 Estimated Cost: \$41,000
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Gould Street to east city limits. City project for .23 mile road resurfacing; altogether with related work items plus engineering fee.

Ball Street Rehabilitation

Project Year: 2023-25
 Estimated Cost: \$620,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Exchange Street to King Street. City project for .43 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

Broadway Avenue Rehabilitation

Project Year: 2023-25
 Estimated Cost: \$280,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Auburndale Avenue to Monroe Street. City project for .17 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

Carmody Street Rehabilitation

Project Year: 2021-22
 Estimated Cost: \$136,000
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Main Street to Cleveland Avenue. City project for .13 mile road rehabilitation (crush, stabilize, cap); altogether with related work items.

Cedar Street Rehabilitation – South to Hampton

Project Year: 2019-21
 Estimated Cost: \$380,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From South Street to Hampton Street. City project for .25 mile road rehabilitation (pavement replacement), water main, isolated curb and gutter replacement, ADA sidewalks, and storm sewer; altogether with related work items plus engineering fee.

PUBLIC SERVICE PROJECTS

Cedar Street Rehabilitation – Hampton to Main

Project Year: 2023-24
 Estimated Cost: \$1,080,000
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Hampton Street to Main Street. City project for .75 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

Center Street Rehabilitation – King to 132 ft North of Alturas

Project Year: 2019-21
 Estimated Cost: \$280,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD, Water Fund

Description: From King Street to 132 feet north of Alturas Drive. City project for .26 mile road rehabilitation (crush, stabilize, cap) and water main; altogether with related work items plus engineering fee.

Center Street Resurfacing – Alturas to North

Project Year: 2019-21
 Estimated Cost: \$317,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD, Water Fund

Description: From 132 feet north of Alturas Drive to North Street. City project for .26 mile road resurfacing, water main, and isolated curb and gutter replacement; altogether with related work items plus engineering fee.

Chip Seal Program

Project Year: 2019-25
 Estimated Cost: \$ 1,200,000 total
 Primary Funding Source: PA-51 Major and Local Funds
 Additional Funding Source:

Description: General maintenance operation for existing asphalt road pavement surfaces. Chip seal is a proven low-budget method for prolonging pavement life and delaying higher cost pavement treatments. This program is reintroduced as a CIP item. A map representing approximately 20 miles of suitable streets for chip seal is attached. Total estimated cost for treating all these streets is \$1,200,000. City staff will prioritize work sites and develop annual project lists for the six-year period.

Chipman Street Resurfacing – Harding Ave to North St

Project Year: 2023-24
 Estimated Cost: \$315,000
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Harding Avenue to North Street. City project for .32 mile road resurfacing, isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

PUBLIC SERVICE PROJECTS

Chipman Street Reconstruction – Main St to North St

Project Year: 2020-22
 Estimated Cost: \$535,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD, Grant

Description: From Main Street to North Street. City/MDOT project for .17 mile road reconstruction along with HMA pavement, curb and gutter, ADA sidewalks, storm sewer, permanent signing and pavement markings; altogether with related work items plus engineering fee.

Clark Avenue Resurfacing

Project Year: 2019-21
 Estimated Cost: \$441,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD, Water Fund

Description: From Oliver Street to King Street. City project for .18 mile road resurfacing, isolated curb and gutter replacement, ADA sidewalk ramps, storm sewer, and watermain; altogether with related work items plus engineering fee.

Clinton Street Rehabilitation

Project Year: 2023-25
 Estimated Cost: \$400,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Cedar Street to Shiawassee Street. City project for .24 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

Clyde Street Resurfacing

Project Year: 2021-22
 Estimated Cost: \$55,000
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Walnut Street to Shiawassee Street. City project for .13 mile road rehabilitation (crush, stabilize, cap); altogether with related work items.

Dewey Street Rehabilitation

Project Year: 2020-22
 Estimated Cost: \$1,122,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Comstock Street to King Street. City project for .57 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

Division Street Rehabilitation

Project Year: 2020-22
 Estimated Cost: \$315,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Harper Street to Ridge Street. City project for .15 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

PUBLIC SERVICE PROJECTS

Exchange Street Rehabilitation

Project Year: 2021-23
 Estimated Cost: \$860,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Saginaw Street to Dewey Street. City project for .27 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

Ford F-150 SuperCab w/add-ons

Project Year: 2019-20
 Estimated Cost: \$35,505
 Primary Funding Source: General Fund
 Additional Funding Source:
 Ranking: Low

Description: Replacement of worn-out, obsolete equipment and increase safety for engineering department.

Gould Street Rehabilitation

Project Year: 2023-25
 Estimated Cost: \$600,000 total
 Primary Funding Source: Bond
 Additional Funding Source: SAD, Small Urban Grant

Description: From Oliver Street to Moore Street. City project for .50 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

Howell Street

Project Year: 2021-22
 Estimated Cost: \$43,000
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From south end of street to Clinton Street. City project for .07 mile road rehabilitation (crush, stabilize, cap); altogether with related work items.

King Street Rehabilitation

Project Year: 2021-23
 Estimated Cost: \$1,000,000
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD, Grant

Description: From Seventh Street to Shiawassee Street. City/MDOT project for .41 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

Lynn Street Resurfacing

Project Year: 2021-22
 Estimated Cost: \$20,000
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From west end of street to Howell Street. City project for .06 mile road rehabilitation (crush, stabilize, cap); altogether with related work items.

PUBLIC SERVICE PROJECTS

Mason Street Rehabilitation

Project Year: 2022-24
 Estimated Cost: \$650,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Park Street to Dewey Street. City project for .33 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

Monroe Street Resurfacing – McMillan to East City Limit

Project Year: 2019-20
 Estimated Cost: \$30,000
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Washington Street to Broadway Street. City project for .39 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

Monroe Street Rehabilitation – Washington to Broadway

Project Year: 2023-25
 Estimated Cost: \$520,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Washington Street to Broadway Street. City project for .39 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

North Street Rehabilitation – Hickory to Gould

Project Year: 2019-21
 Estimated Cost: \$850,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Hickory Street to Gould Street. City project for .47 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items plus engineering fee.

North Street Rehabilitation – N. Shiawassee to Hickory

Project Year: 2022-24
 Estimated Cost: \$610,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Shiawassee Street to Hickory Street. City project for .49 mile road resurfacing, isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items plus engineering fee.

North Street Resurfacing – West City Limit to N. Chipman

Project Year: 2019-20
 Estimated Cost: \$170,000
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From west city limits to Chipman Street. City project for .50 mile road rehabilitation (Crush, Stabilize, Cap); altogether with related work items plus engineering fee.

PUBLIC SERVICE PROJECTS

Palmer Avenue Resurfacing

Project Year: 2019-20
 Estimated Cost: \$21,000
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Gute Street to Prindle Street. City project for .09 mile road resurfacing and isolated curb and gutter replacement; altogether with related work items plus engineering fee.

Pearce Street Resurfacing

Project Year: 2021-22
 Estimated Cost: \$138,000
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From South Street to Hampton Street. City project for .25 mile road rehabilitation (crush, stabilize, cap); altogether with related work items.

Pilot Drinking Water Grant

Project Year: 2019-20
 Estimated Cost: \$508,000
 Primary Funding Source: Grant
 Additional Funding Source:

Description: Identification, mapping, and replacement of lead and galvanized water service lines. Development of Asset Management Plan for future replacements.

Retaining Wall Replacement near City Hall

Project Year: 2019-20
 Estimated Cost: \$188,000
 Primary Funding Source: General Fund
 Additional Funding Source:

Description: Restore and reconstruct collapsed retaining wall between the Shiawassee River and City hall. Replace sidewalk, handrails, and lighting within project area.

Ryan Street Reconstruction

Project Year: 2019-20
 Estimated Cost: \$400,000
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Chipman Street to Cedar Street. City project for .25 mile road reconstruction, curb and gutter replacement, ADA sidewalks, and storm sewer; altogether with related work items plus engineering fee.

S. Washington Watermain

Project Year: 2019-20
 Estimated Cost: \$54,000
 Primary Funding Source: Water Fund
 Additional Funding Source:

Description: Replace water main from W. Stewart St to Corunna Avenue. DPW crews will perform from W. Stewart to Milwaukee. Contractor to perform from Milwaukee to Corunna Ave.

PUBLIC SERVICE PROJECTS

Sanitary Sewer Interceptor

Project Year: 2019-20
 Estimated Cost: \$126,455
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:

Description: Televise, inspect, and clean 27-inch sewer main along Shiawassee River.

Sanitary Sewer Manhole Survey

Project Year: 2019-20
 Estimated Cost: \$67,900
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:

Description: Structural analysis of sanitary sewer manholes. Of the nearly 1,384 structures, 759 remain to be evaluated for replacement or repair. 625 were surveyed and rated during 2016 thru 2017.

Seventh Street Rehabilitation

Project Year: 2019-20
 Estimated Cost: \$218,000
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Oliver Street to King Street. City project for .14 mile road resurfacing, isolated curb and gutter replacement, ADA sidewalks, and storm sewer; altogether with related work items plus engineering fee.

Seventh Street Watermain

Project Year: 2019-20
 Estimated Cost: \$56,025
 Primary Funding Source: Water Fund
 Additional Funding Source:

Description: Replace water main from W. Oliver St to W. King St. DPW Crews to perform.

Sewer Rehab Street Construction

Project Year: 2019-20
 Estimated Cost: \$326,000
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:

Description: Repair of sanitary sewer main and manholes, with some replacements (minimal), as identified during condition assessments performed 2017 during SAW Grant project initiatives.

Shady Lane Drive Resurfacing

Project Year: 2021-23
 Estimated Cost: \$250,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD

Description: From Meadow Drive to Chipman Street. City project for .22 mile road resurfacing, isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

PUBLIC SERVICE PROJECTS

Sidewalk Replacement

Project Year: 2019-25
 Estimated Cost: \$540,000 total
 Primary Funding Source: Act-51 Local Fund
 Additional Funding Source: Major Street Fund
 Ranking: Low

Description: Replace misaligned, deteriorated, or damaged sections of sidewalk in the city.
 Construct sidewalks so they are ADA compliant.

Stewart Street Rehabilitation

Project Year: 2022-23 & 2023-24
 Estimated Cost: \$530,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD, Grant

Description: From Shiawassee Street to Washington Street. City/MDOT project for .31 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

Storm Sewer Lining

Project Year: 2019-25
 Estimated Cost: \$1,200,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source:

Description: Various locations in conjunction with road projects. Best practice method is to evaluate existing storm sewer during a project's design phase. Best construction choice is made, either open-cut or lining. Those sewers recommended for lining should be bundled and done on a two year rotation cycle. Sewer lining is a more economical and less intrusive method for prolonging life expectancy of a sewer versus open-cut method.

Street Patch

Project Year: 2019-25
 Estimated Cost: \$420,000 total
 Primary Funding Source: Act-51 Local & Major Street Fund
 Additional Funding Source: Water and Sewer Fund
 Ranking: Low

Description: Remove patches that were cold patched over the winter and replace with hot mix asphalt. These patches are caused by water main breaks, sewer repairs, catch basin repairs, etc.

Summit Street Rehabilitation

Project Year: 2019-21
 Estimated Cost: \$877,000 total
 Primary Funding Source: Bond/General Fund
 Additional Funding Source: SAD, Water Fund

Description: From Abbott Street to Rubelman Drive. City project for .30 mile road resurfacing, isolated curb and gutter replacement, ADA sidewalk ramps, storm sewer, and watermain; altogether with related work items plus engineering fee.

PUBLIC SERVICE PROJECTS

Washington Street Rehabilitation – Gute to M-71

Project Year: 2019-20
 Estimated Cost: \$895,000
 Primary Funding Source: Bond/General Fund, Grant
 Additional Funding Source: SAD, Water Fund

Description: From Gute Street to M-71. City/MDOT project for .34 mile road rehabilitation (pavement replacement) including isolated curb and gutter replacement, ADA sidewalk ramps, storm sewer, watermain, bike lanes, permanent signing and pavement markings; altogether with related work items plus engineering fee.

2020 Watermain Replacement – Construction Misc Other

Project Year: 2020-21
 Estimated Cost: \$431,850
 Primary Funding Source: Water Fund
 Additional Funding Source:

Description: S. Cedar - South to Hampton
 Dewey - Brandon to Moore
 Cleveland - Chestnut to Brooks
 Lafayette - M-21 to Cleveland
 Robbins - Mack to S. End (DPW Project)
 Morris - Mack to N. End (DPW Project)

2021 Watermain Replacement – Construction Misc Other

Project Year: 2021-22
 Estimated Cost: \$1,307,925
 Primary Funding Source: Water Fund
 Additional Funding Source:

Description: Clyde - Walnut to Shiawassee
 Lynn - W. End to Howell
 N. Dewey - M-21 to King (DPW Project)
 W. North - N. M52 to N. Gould
 Milwaukee - S.Lyon to S.Cedar (DPW Project)
 Huron - Huggins to W. End (DPW Project)

2022 Water Main Replacements – Construction Misc Other

Project Year: 2022-23
 Estimated Cost: \$1,243,800
 Primary Funding Source: Water Fund
 Additional Funding Source:

Description: Genesee - Michigan to Green
 Grace - M-52 to Cedar
 Young - Chestnut to Brooks
 Nafus - Frederick to Freeman
 Tracy- Frederick to Stewart
 Grand - Auburndale to Franklin
 Grace - Cedar to Lyons
 Nafus - Frederick to S. End (DPW Project)
 Genesee - Mich Ave to W. End (DPW Project)
 Shady Lane - Meadow to Chipman
 Woodlawn - Farr to Auburndale

PUBLIC SERVICE PROJECTS

2023 Watermain Replacement – Construction**Misc Other**

Project Year: 2023-24

Estimated Cost: \$1,517,550

Primary Funding Source: Water Fund

Additional Funding Source:

Description: Adams - Oliver to King

Adams - Elizabeth to N. of Jennett

Ball - Exchange to Mason

Ball - Oliver to 450 North St.

Brandon - Summit to Dingwall

Dingwall - Brandon to N. End

Gilbert - Mason to Oliver

Cedar - Hampton to Main St.

Chipman - Harding to North

2024 Watermain Replacement – Construction**Misc Other**

Project Year: 2024-25

Estimated Cost: \$1,989,450

Primary Funding Source: Water Fund

Additional Funding Source:

Description: Gould - Exchange to Oliver

Gould - Oliver to North

Huntington - Moore to Stevens

Jennett - M-52 to Adams

Mason - Dewey to Gilbert

Mason - Saginaw to Dewey

Oak - M-21 to Williams

Clinton - Cedar to Shiawassee

Monroe - Washington to Broadway

Williams - Washington to Oak

Williams Street Rehabilitation – N. Shiawassee to**Washington**

Project Year: 2019-20

Estimated Cost: \$220,000

Primary Funding Source: Bond/General Fund

Additional Funding Source: SAD

Description: From Washington Street to Oak

Street. City project for .40 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

Woodlawn Avenue Rehabilitation – Farr to**Auburndale**

Project Year: 2021-23

Estimated Cost: \$190,000 total

Primary Funding Source: Bond/General Fund

Additional Funding Source: SAD

Description: From Farr Avenue to Auburndale

Avenue. City project for .16 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

Woodlawn Avenue Rehabilitation – Monroe to**Corunna**

Project Year: 2021-23

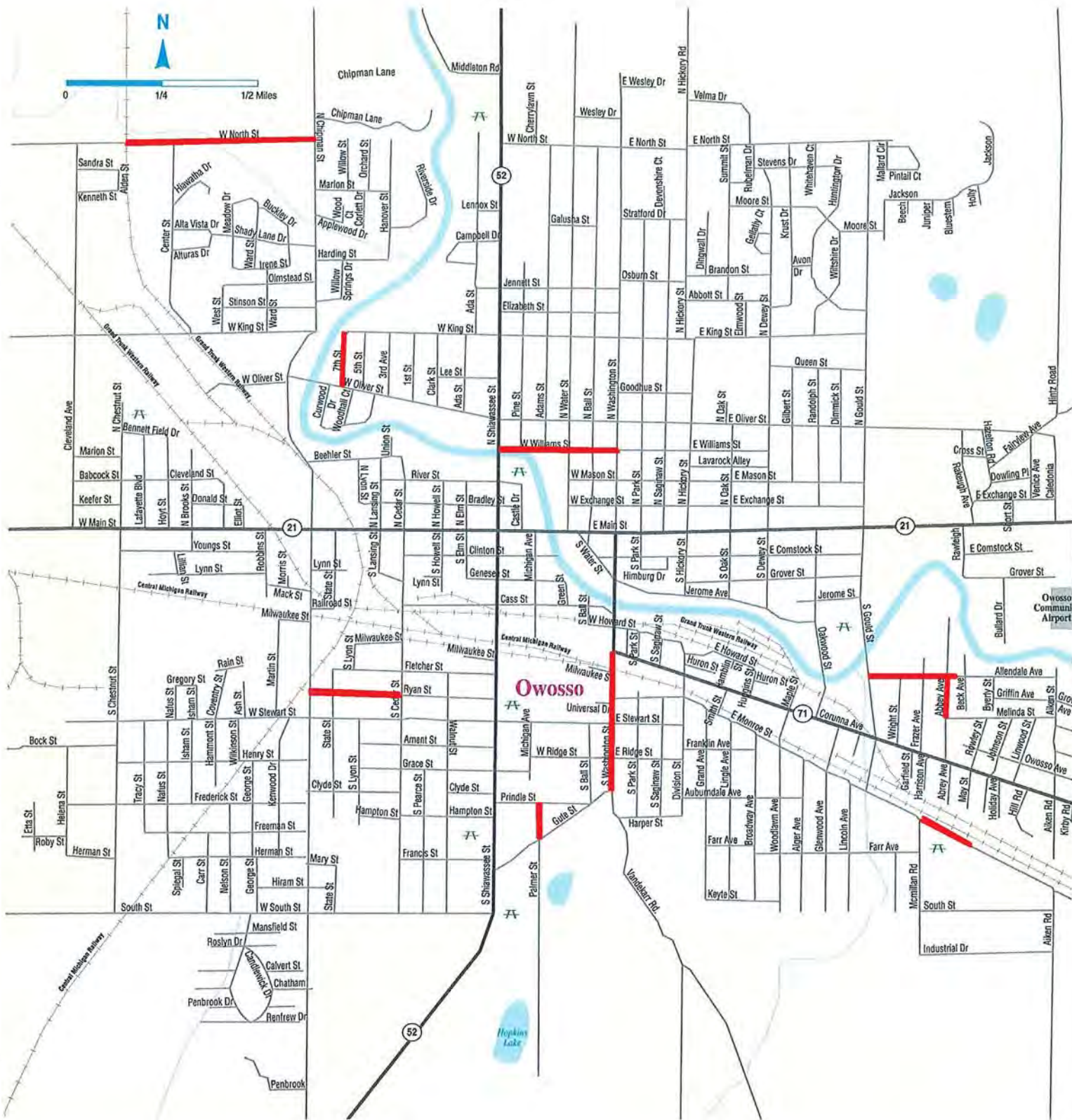
Estimated Cost: \$120,000 total

Primary Funding Source: Bond/General Fund

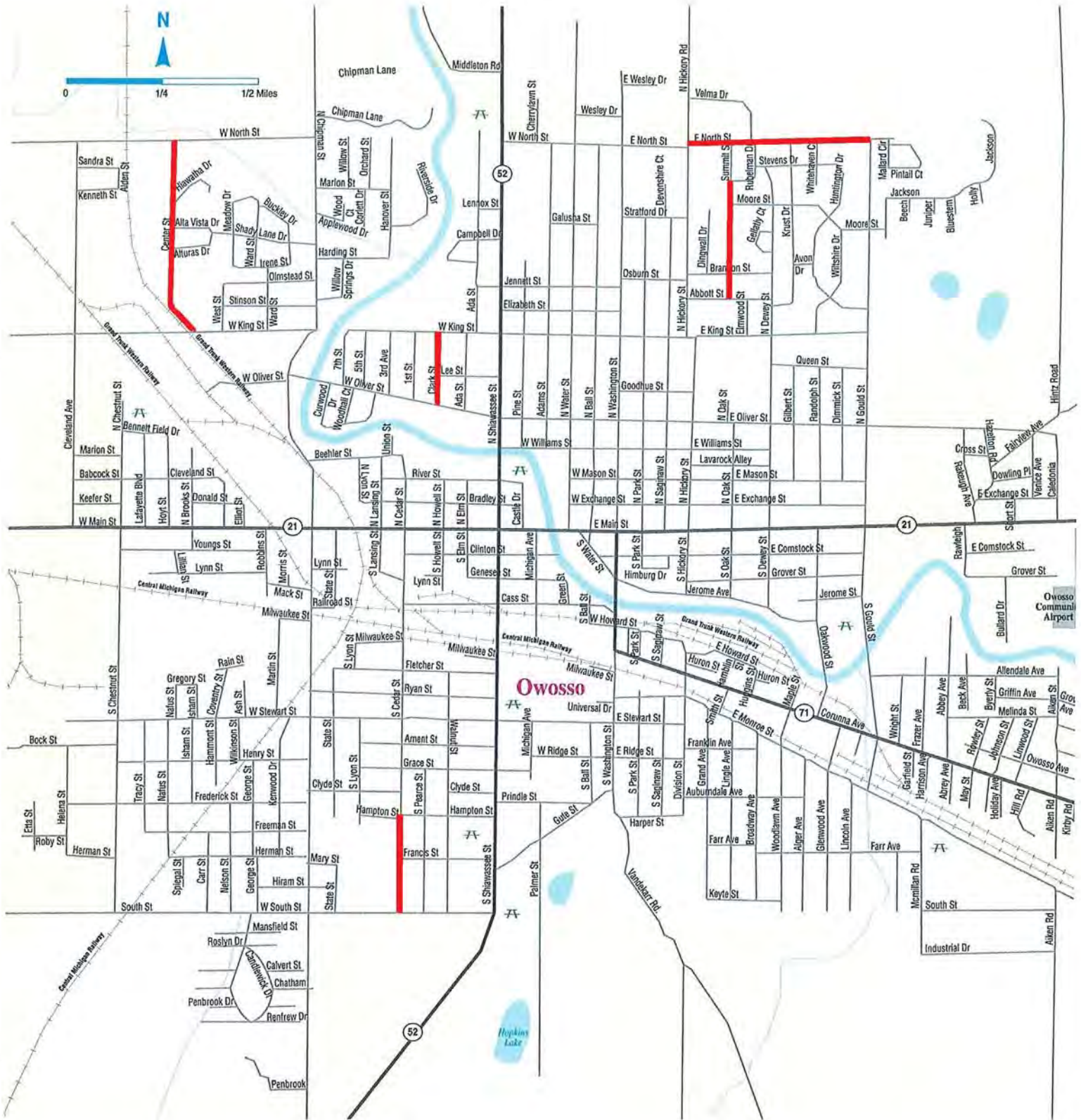
Additional Funding Source: SAD

Description: From Monroe St to Corunna Ave. City project for .10 mile road rehabilitation (pavement replacement), isolated curb and gutter replacement, ADA sidewalk ramps, and storm sewer; altogether with related work items.

2019 CIP SITE MAP



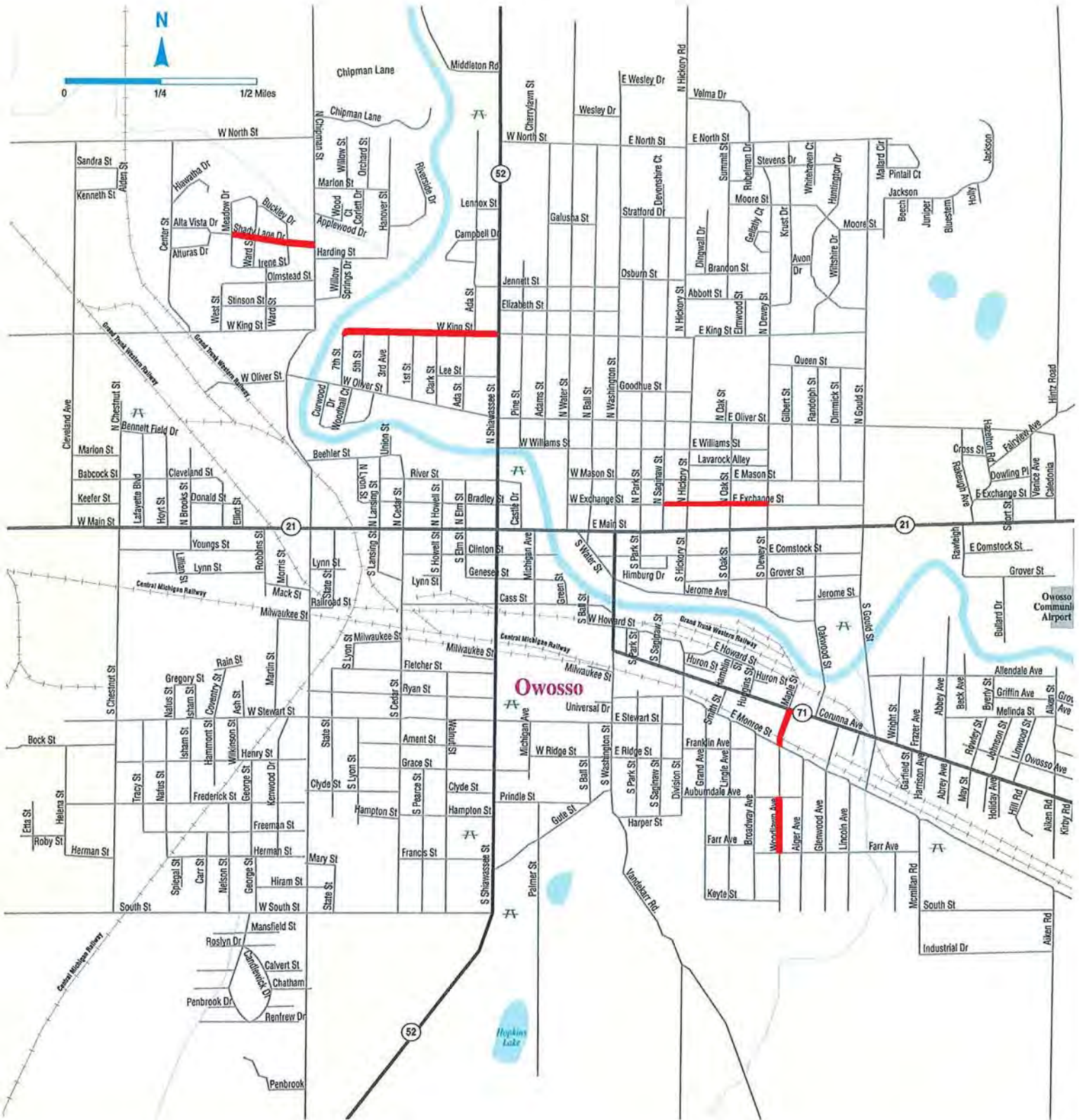
2020 CIP SITE MAP



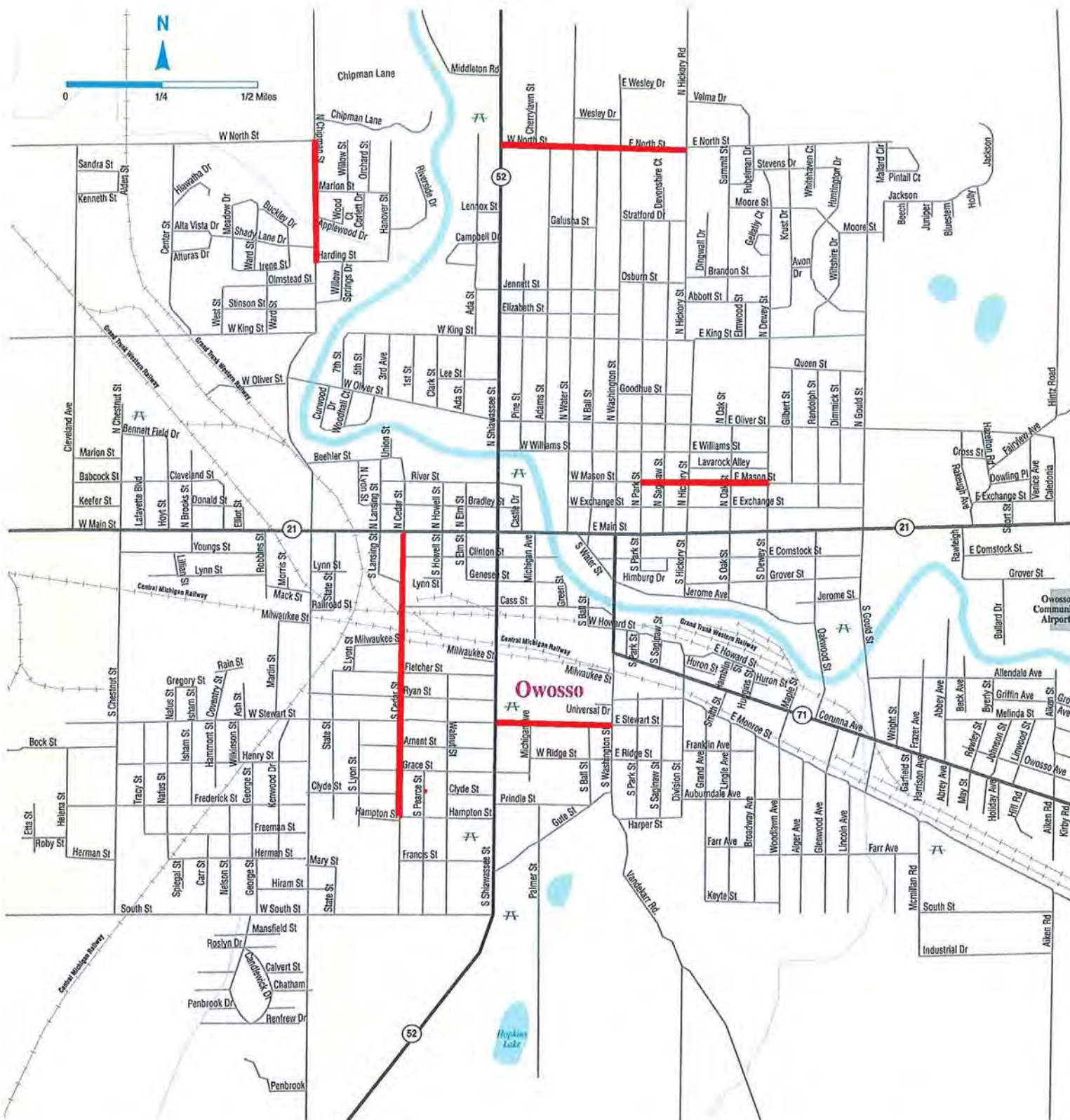


2022 CIP SITE MAP

JAN, 2019



2023 CIP SITE MAP





PUBLIC WORKS PROJECTS

1 ½ Ton Dump Truck

Project Year: 2021-22
 Estimated Cost: \$60,000
 Primary Funding Source: Motor Pool
 Additional Funding Source:

Description: Purchase to replace a worn out truck bought in 1997.

Backhoe Attachments

Project Year: 2024-25
 Estimated Cost: \$35,000
 Primary Funding Source: Motor Pool
 Additional Funding Source:

Description: Purchase of a pavement breaker – hoe pack due to scheduled replacement.

Backhoes

Project Year: 2024-25
 Estimated Cost: \$100,000
 Primary Funding Source: Motor Pool
 Additional Funding Source:

Description: Purchase of 2 backhoes due to scheduled replacement

Brush Chipper

Project Year: 2023-24
 Estimated Cost: \$48,000
 Primary Funding Source: Motor Pool
 Additional Funding Source:

Description: Purchase of 1 brush chipper due to scheduled replacement

Bucket Trucks - Ariel Lift

Project Year: 2019-20 & 2022-23
 Estimated Cost: \$320,000 total
 Primary Funding Source: Motor Pool
 Additional Funding Source:
 Ranking: Low

Description: Purchase to replace bucket trucks purchased 1993 & 1997 due to scheduled replacement.

Carpet Remaining 2nd Floor Wing of City Hall

Project Year: 2019-20
 Estimated Cost: \$10,000
 Primary Funding Source: General Fund
 Additional Funding Source:
 Ranking: Low

Description: Replace the carpet in the 2nd floor wing of City Hall occupied by Finance, Public Services and IT City Staff to match the new carpet recently replaced in the rest of City Hall.

PUBLIC WORKS PROJECTS

City Hall Front Steps

Project Year: 2020-21
 Estimated Cost: \$15,000
 Primary Funding Source: General Fund
 Additional Funding Source:

Description: Rehab of front steps to correct misalignments, control separations, to extend usefulness and enhance aesthetics and insure safe ingress and egress to the building.

Concrete Mill

Project Year: 2020-21
 Estimated Cost: \$10,500
 Primary Funding Source: Motor Pool
 Additional Funding Source:

Description: Purchase to replace an existing concrete mill purchased 1988 due to scheduled replacement.

Hook Lift Bodies

Project Year: 2020-21
 Estimated Cost: \$17,000
 Primary Funding Source: Motor Pool
 Additional Funding Source:

Description: Purchase of 2 hook lift – chipper box and flat bed.

Jetter - Vector Truck

Project Year: 2023-24
 Estimated Cost: \$300,000
 Primary Funding Source: Motor Pool
 Additional Funding Source:

Description: Purchase to replace an existing jetter – vector truck due to scheduled replacement.

Library Air Conditioning

Project Year: 2020-21
 Estimated Cost: \$30,000
 Primary Funding Source: General Fund
 Additional Funding Source:

Description: Replace two 40 year old air conditioning units. Engineer and design system for efficiently cooling the building

Oakwood Ballfield Lights and Poles

Project Year: 2020-21
 Estimated Cost: \$12,000
 Primary Funding Source: General Fund
 Additional Funding Source:

Description: Description: Completely replace all lighting components. Poles, lights, wiring and controls for all fields (Bennett Field & Kiwanis Park).

PUBLIC WORKS PROJECTS

Overhead Street Lights and Poles

Project Year: 2019-22
 Estimated Cost: \$30,000 total
 Primary Funding Source: General Fund
 Additional Funding Source:
 Ranking: Low

Description: Overhead poles in and around downtown are showing corrosive effects, creating integrity concerns. Consideration should be for a multi-year replacement program upgrading poles and light fixtures. (These are not the decorative chairman DDA lights).

Paint Stripe Machine

Project Year: 2019-20
 Estimated Cost: \$13,000
 Primary Funding Source: Motor Pool
 Additional Funding Source:
 Ranking: Low

Description: Purchase to replace an existing paint stripping machine purchased in 1991 due to being worn-out equipment.

Pickup 4X4 w/Blade

Project Year: 2022-23
 Estimated Cost: \$42,000
 Primary Funding Source: Motor Pool
 Additional Funding Source:

Description: Purchase to replace an existing truck due to scheduled replacement.

Pickups - ¾ & 1 Ton

Project Year: 2019-23
 Estimated Cost: \$232,000 total
 Primary Funding Source: Motor Pool
 Additional Funding Source:
 Ranking: Low

Description: Purchase of 4 trucks to replace existing trucks due to scheduled replacement.

Portable Air Compressor

Project Year: 2019-20
 Estimated Cost: \$23,500
 Primary Funding Source: Motor Pool
 Additional Funding Source:
 Ranking: Low

Description: Purchase to replace an existing portable air compressor purchased in 1980 due to being worn-out equipment.

PUBLIC WORKS PROJECTS

Public Works Building Improvements

Project Year: 2019-22
 Estimated Cost: \$72,000 total
 Primary Funding Source: General Fund
 Additional Funding Source: Motor Pool
 Ranking: Low

Description: Replacement of insulated overhead doors in main building. Priority - High.
 Re-roof main building with steel sheeting, facility upgrades. Priority - Medium.
 Added storage facilities. Priority - Low.

Salt Trucks - Single Axle

Project Year: 2019-20
 Estimated Cost: \$260,000
 Primary Funding Source: Motor Pool
 Additional Funding Source:
 Ranking: Low

Description: Purchase 2 salt trucks to replace existing trucks due to being worn-out equipment.

Security & Accessibility Technology at City Hall

Project Year: 2019-20
 Estimated Cost: \$10,000
 Primary Funding Source: General Fund
 Additional Funding Source:
 Ranking: Low

Description: Place a panic button in lobby of City Hall and on all employees' computers. Add an ADA accessible entrance to the lower floor of City Hall which would include ADA push buttons for the doors.

Skid Steer w/Attachments

Project Year: 2024-25
 Estimated Cost: \$85,000
 Primary Funding Source: Motor Pool
 Additional Funding Source:

Description: Purchase to replace an existing skid steer purchased in 1999 due to scheduled replacement.

Sweeper

Project Year: 2019-20 & 2024-25
 Estimated Cost: \$548,000 total
 Primary Funding Source: Motor Pool
 Additional Funding Source:
 Ranking: Low

Description: Replacement of sweeper to due scheduled replacement. The existing sweeper is 5 years old and will have better resale before major component replacement costs occur.

PUBLIC WORKS PROJECTS

Tandem Axle - 10 Yard Dump

Project Year: 2020-21, 2021-22 & 2023-24
Estimated Cost: \$575,000 total
Primary Funding Source: Motor Pool
Additional Funding Source:

Description: Purchase of 4 tandem axle 10 yard dump trucks due to scheduled replacement.

Tractor 4X4 - Mowing

Project Year: 2022-23
Estimated Cost: \$38,000
Primary Funding Source: Motor Pool
Additional Funding Source:

Description: Purchase due to scheduled replacement.

Wheel Loaders

Project Year: 2023-24
Estimated Cost: \$510,000
Primary Funding Source: Motor Pool
Additional Funding Source:

Description: Purchase of 2 wheel loaders due to scheduled replacement.

WASTEWATER TREATMENT PLANT PROJECTS

Administration Building Rehabilitation

Project Year: 2023-24
 Estimated Cost: \$400,000
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:

Description: The administration/laboratory building is the original 1935 plant building, with conversion to its current configuration in 1980. Repointing and reroofing are necessary to remedy significant leaking which occurs during storm events. Doors need to be replaced. Interior water-damaged areas need rehabilitation, and additional office, meeting, and storage areas can be added with better use of available space. Consulting engineers and mechanical contractors would be necessary for design and construction.

Backup Generator Install at WWTP

Project Year: 2019-20
 Estimated Cost: \$350,000
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:
 Ranking: Low

Description: Purchase/install of a generator (750 kW) for use as a backup power source. There is currently no generator at the plant. Consulting engineers (from Consumers Energy) and mechanical contractors will be necessary for design and install. Preliminary engineering may start as early as December 2018.

Beehler/Bradley Street Retention Basin

Project Year: 2020-21
 Estimated Cost: \$3,500,000
 Primary Funding Source: MDEQ SRF Loan
 Additional Funding Source:

Description: Construct a sanitary sewer pumping station on 1112 Beehler Street and pump raw wastewater from the 27-inch interceptor along the Shiawassee River to a 1 million gallon retention basin to be constructed at 1000 Bradley Street.

East Roughing Tower Pump

Project Year: 2020-21
 Estimated Cost: \$20,000
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:

Description: Scheduled rehabilitation of existing pump/motor to original specs

Electrical/Instrumentation Rehab at WWTP

Project Year: 2019-25
 Estimated Cost: \$120,000 total
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:
 Ranking: Low

Description: Repair/replace existing electrical distribution equipment, controllers, vfds, and miscellaneous instrumentation.

WASTEWATER TREATMENT PLANT PROJECTS

Grit Removal System

Project Year: 2020-21
 Estimated Cost: \$1,030,000
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:

Description: The original automatic grit removal system was removed in the early 1990's and never replaced. Manual removal of accumulated grit has not proven to be an effective approach to this standard, vital part of headworks operation. Without effective grit removal, downstream process equipment is worn out much faster, with higher rehab costs occurring at a frequent rate. Consulting engineers and mechanical contractors would be necessary for design and installation. The cost would also include cleanout of existing grit chamber.

Main Building Roof Replacement

Project Year: 2019-20
 Estimated Cost: \$350,000
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:
 Ranking: Low

Description: Replacing the existing roofing on the main plant building. The original (1980) built-up roof (concrete slab, insulation, asphalt/felt) was recovered in 1988 with an EPDM membrane. Due to significant leaking, this roof requires patching/repair annually. Replacement would be down to the existing concrete slabs.

Nitrification Tower Replacement

Project Year: 2024-25
 Estimated Cost: \$2,500,000
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:

Description: Replacement of the (3) existing nitrification towers, which date back to 1986. The interior plastic media has exceeded its original life expectancy (25 years), and there is structural degradation of the tank concrete to the failure point in several areas. Consulting engineers and mechanical contractors would be necessary for design and construction.

Pressure Filter Replacement

Project Year: 2021-22
 Estimated Cost: \$1,300,000
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:

Description: Purchase/install of rotating disc filters to replace existing tertiary pressure filters. Existing filters date back to 1980 and structural degradation has occurred to the point where replacement is necessary. The new filters will be a more efficient technology and will be more effectively placed within the process train.

WASTEWATER TREATMENT PLANT PROJECTS

Pump & Motor Replacement

Project Year: 2019-25
 Estimated Cost: \$120,000 total
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:
 Ranking: Low

Description: Repair/replace miscellaneous process pumps/motors

SCADA System Install

Project Year: 2023-24
 Estimated Cost: \$300,000
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:

Description: There is currently no SCADA (Supervisory Control And Data Acquisition) system installed at the WWTP. As our processes are upgraded, a SCADA system will be installed, allowing for greater and more effective control. SCADA allows more automatic adjustments for changing conditions, and removes the need for a 3rd shift operator to be present in normal conditions.

Screw Pumps

Project Year: 2019-20
 Estimated Cost: \$725,000
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:
 Ranking: Medium

Description: Purchase of 3 screw pumps to replace worn out equipment

Secondary Clarifier Flight Chain Repair

Project Year: 2019-20
 Estimated Cost: \$25,000
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:
 Ranking: Low

Description: Preventive replacement of the chain link pins on eight chains between the two clarifiers. The clarifier sludge scrapers/flights are driven by a chain and sprocket system, which dates back to 1986. The pins which hold the chain links together are well past their expected lifespan, with most of them worn close to failure point. WWTP staff will install.

WASTEWATER TREATMENT PLANT PROJECTS

Secondary Clarifier Replacement

Project Year: 2022-23
 Estimated Cost: \$2,500,000
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:

Description: Purchase/construction of secondary clarifiers. Existing clarifiers date back to 1935, with rehab in 1986. Existing clarifiers are undersized for the plant process and structural degradation is to the point of failure at several points. Consulting engineers and mechanical contractors would be necessary for design and construction.

Sludge Dewatering Centrifuge

Project Year: 2020-21 & 2023-24
 Estimated Cost: \$60,000 total
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:

Description: Rehabilitation of existing unit to original specs

Tertiary Pump Replacement

Project Year: 2019-20, 2021-22 & 2022-23
 Estimated Cost: \$ 60,000 total
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:
 Ranking: Medium

Description: Scheduled rehabilitation of existing pump/motor to original specs

Van Replacement

Project Year: 2019-20
 Estimated Cost: \$25,000
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:
 Ranking: Low

Description: Purchase of a van to replace an existing worn-out van

West Roughing Tower Pump

Project Year: 2023-24
 Estimated Cost: \$20,000
 Primary Funding Source: Wastewater Fund
 Additional Funding Source:

Description: Scheduled rehabilitation of existing pump/motor to original specs

WATER TREATMENT PROJECTS

16" High Service Pipe Replacement

Project Year: 2019-20
 Estimated Cost: \$100,000
 Primary Funding Source: Water Fund
 Additional Funding Source:
 Ranking: Low

Description: This pipe is located in the basement of the WTP has needed replacement for decades. It potentially will burst if not replaced.

Chlorine Distribution Tanks

Project Year: 2024-25
 Estimated Cost: \$40,000
 Primary Funding Source: Water Fund
 Additional Funding Source:

Description: Replacement of existing worn out equipment

CO2 Distribution System Rehab

Project Year: 2023-24
 Estimated Cost: \$100,000
 Primary Funding Source: Water Fund
 Additional Funding Source:

Description: Replacement of existing worn out equipment and explanation of service life

Filter BW Pump, VFD, Controls

Project Year: 2020-21
 Estimated Cost: \$100,000
 Primary Funding Source: Water Fund
 Additional Funding Source:

Description: Replacement of existing worn out equipment

Fluoride Distribution System

Project Year: 2024-25
 Estimated Cost: \$27,000
 Primary Funding Source: Water Fund
 Additional Funding Source:

Description: Replacement of existing worn out equipment

Hintz Well Phase II

Project Year: 2019-20
 Estimated Cost: \$155,000
 Primary Funding Source: Water Fund
 Additional Funding Source:
 Ranking: Low

Description: Maximum aquifer withdrawal is possible if a 2nd well can be permitted by the State. This location is our best water quality, an excellent location, already piped for larger RW capacity. Scada monitoring controls and an emergency generator are included in planning.

WATER TREATMENT PROJECTS

Hopkins Lake Well Field Development

Project Year: 2020-21
 Estimated Cost: \$425,000
 Primary Funding Source: Water Fund
 Additional Funding Source:

Description: The city owned property between Vandekarr Rd and the Industrial Development site east of Hopkins Lake has been recommended by wellsite developers as a potential site for new well site development. This is an essential investment for the future water supply of the City of Owosso.

Induced Draft Aerator Rehabilitation

Project Year: 2023-24
 Estimated Cost: \$40,000
 Primary Funding Source: Water Fund
 Additional Funding Source:

Description: Replacement of existing worn out equipment and explanation of service life

Lagoon Security Fence

Project Year: 2021-22
 Estimated Cost: \$40,400
 Primary Funding Source: Water Fund
 Additional Funding Source:

Description: Repair of damaged fence and installation of 1,700 lin. ft. of new fence with signage installed.

No. 1 HS Pump and Controls

Project Year: 2019-20
 Estimated Cost: \$52,000
 Primary Funding Source: Water Fund
 Additional Funding Source:
 Ranking: Low

Description: Replacement of existing worn out equipment

SCADA Controls

Project Year: 2020-21
 Estimated Cost: \$200,000
 Primary Funding Source: Water Fund
 Additional Funding Source:

Description: Existing hardware and software is outdated. Upgrades should have been completed before 2014. This proposal will include automation of distribution controls allowing for future unattended WTP operations during third shifts.

WATER TREATMENT PROJECTS

Standpipe & Booster Pump Station Rehab

Project Year: 2022-23
Estimated Cost: \$410,000
Primary Funding Source: Water Fund
Additional Funding Source:

Description: Complete interior piping and tank repaint. Complete exterior repaint. Lead joint and valve replacement. Included installation of mixer @ \$30,000.00.

West Elevated Tower Rehab

Project Year: 2022-23
Estimated Cost: \$300,000
Primary Funding Source: Water Fund
Additional Funding Source:

Description: Repaint the interior and exterior of the water tower. This will include the installation of a mixer @ \$30,000.

City of Owosso
Workshop Summary 2019 Goals
January 29, 2019

Overview:

The Mayor, City Council, Manager, and Department Heads met on a cold wintery evening to have a wide-ranging discussion regarding the challenges and opportunities facing the City of Owosso. The conversation led to determining five goal areas that will provide focus and emphasis for the leadership team over the next year.

The elected City Council has seven members, three of whom are new. In addition, several of the appointed members of the leadership team are relatively new to the City of Owosso. It was felt that it was better to focus on specific goals at this juncture rather than a broader analysis of the challenges, opportunities, and options available for moving the community forward. The following five goal areas for 2019 reflect the decisions of the group.

Goal Area One – Trash and Recycling Improvements

- Senior staff needs to identify and analyze the issues
- Senior staff will then provide options for consideration by the City Council
- Council needs to make a final decision on approaches for moving forward with improvements

Goal Area Two – Rental Policy – Home Conversions to Rental Units

- Senior staff identify issues and analyze data related to converting existing housing to rental property
- Senior staff will develop options for the City Council to consider to stop negative rental trends.
- City Council will have the final responsibility for the decision

Goal Area Three – Study the Options for Conducting a Comprehensive Study of Owosso related to poverty, jobs, and related issues

- Senior Staff identifies elements that should be included in the comprehensive study.
- Staff identify vendors and costs for a potential study
- Council and staff discuss options

Goal Area Four – Identify Areas of Current Operations – Staffing That Should be Changed or Improved

- This analysis should be done in light of changes that may result from the completion of the master plan and or a comprehensive study of Owosso.
- Options should be discussed by council and staff

Goal Area Five – Process Goal: explore possible partnerships with other governmental entities in achieving these four goals

Respectfully submitted:

Lewis G. Bender, Ph.D.

(618) 792-6103 (cell)

lewbender@aol.com

February 27, 2019



MEMORANDUM

301 W. MAIN ▪ OWOSSO, MICHIGAN 48867-2958 ▪ WWW.CI.OWOSSO.MI.US

DATE: February 27, 2019

TO: Mayor Chris Eveleth and the Owosso City Council

FROM: Katherine Fagan, City Treasurer

SUBJECT: Correction to Unpaid Utility Billings Transferred to Taxes in 2017

I am instructing the Shiawassee County Treasurer to correct the 2017 summer tax bill for parcel #050-580-000-007-00 \$1,157.42 for unpaid utility bills needs to be removed. This charge was applied to the wrong parcel number.



2018 PLANNING ANNUAL REPORT

PLANNING COMMISSION:

1. Membership

MEMBER	TITLE	TERM EXPIRES
JANAE FEAR	Secretary	06-30-2021
FRANCIS LIVINGSTON	Vice Chair	06-30-2021
DANIEL LAW	Council Rep	11-09-2020
BRAD KIRKLAND		06-30-2020
WILLIAM WASCHER	Chair	06-30-2021
THOMAS TAYLOR		06-30-2020
TARA JENKINS		06-30-2019
JAKE ADAMS		06-30-2019
MATT LAFFERTY		06-30-2019

2. Attendance

	Wascher	Adams	Fear	Collison	Cook	Law	Livingston	Taylor	Kirkland	Lafferty	Jenkins
Jan	X	X	X				X	X	X		
Feb	X	X	X			X	X				X
Mar	X	X					X	X	X		
Apr		X	X			X	X	X	X		X
May	X	X	X			X	X	X	X		X
Jun	No Meeting										
Jul	No Meeting										
Aug	X	X	X			X	X	X	X	X	
Sept	No Meeting										
Oct	X		X				X	X	X	X	
Nov	X	X	X			X		X	X	X	X
Dec	X		X			X	X	X		X	X

X = present

3. Meetings

Planning Commission meetings are held the 4th Monday of each month, except as noted at 6:30 p.m.

Meeting Date	Agenda Items
January 22	<ul style="list-style-type: none">2017 Planning Commission Annual ReportDiscussion - Draft ordinance language for Medical Marihuana Facilities Licensing
February 26	<ul style="list-style-type: none">ZBA request to review section 26-19 of the sign ordinance and consider returning to former five foot clearance from the right-of-wayPresentation by Paula Givens, attorney with Cannabis Legal GroupDiscussion - Draft ordinance language for Medical Marihuana Facilities Licensing
March 26	<ul style="list-style-type: none">Public Hearing - Sign ordinance amendment, section 26-19Discussion - Draft ordinance language for Medical Marihuana Facilities Licensing

Meeting Date	Agenda Items
April 23	<ul style="list-style-type: none"> • Discussion - Draft ordinance language for Medical Marihuana Facilities Licensing • Discussion - Master Plan Update
May 29	<ul style="list-style-type: none"> • Public Hearing - Medical Marihuana Ordinance
June 25	Canceled due to lack of agenda items
July 23	Canceled due to lack of agenda items
August 27	<ul style="list-style-type: none"> • Site Plan – Dave Wakeland is requesting site plan approval for a drive through pharmacy at 417 W. Main Street • Election of Officers • ZBA request to review and potentially revise of prohibition of pole signs. • ZBA request to review and potentially revise specific sign standards as it relates to business centers. • ZBA request to review and potentially create a section within the Sign section that details powers, duties and variance criteria.
September 24	Canceled due to lack of agenda items
October 22	<ul style="list-style-type: none"> • Review of Proposed Amendments to Chapter 26 – Sign Ordinance and provide edits • Appointment of Four Planning Commissioners to the Master Plan Sub-committee • Discussion of Sec 38-197 (11) (6), Sec 38-217(4), Sec 38-242 (9) (6), Sec 38-267 (10)(6), Sec 38-292 (11). Review of buffer zone requirements for provisioning centers • Discussion on Sec. 393 and 38-292 (4). Outdoor storage height and screening requirements
November 26	<ul style="list-style-type: none"> • Review of Proposed Amendments to Chapter 26 – Sign Ordinance - provided edits • Review of Proposed Amendments to Chapter 38 – Zoning Ordinance buffer zone requirements for medical marihuana businesses Sec 38-197, Sec 38-217, Sec 38-242, Sec 38-267, Sec 38-292 - provided edits • Review of Proposed Amendments to Chapter 38 – Zoning Ordinance industrial outdoor storage screening Sec. 38-292, Sec. 38-312, Sec. 38-393 and 38-389 - reviewed • Review of Proposed Amendments to Chapter 38 – Zoning Ordinance amateur radio antenna regulations Sec. 97-379 - reviewed • Appointment of a Fourth Planning Commissioners to the Master Plan Sub-committee
December 10	<ul style="list-style-type: none"> • Review of Proposed Amendments to Chapter 38 – Zoning Ordinance buffer zone requirements for medical marihuana businesses Sec 38-197, Sec 38-217, Sec 38-242, Sec 38-267, Sec 38-292 - set a public hearing for January meeting • Review of Proposed Amendments to Chapter 38 – Zoning Ordinance industrial outdoor storage screening Sec. 38-292, Sec. 38-312, Sec. 38-393 and 38-389 – set a public hearing for January meeting • Review of Proposed Amendments to Chapter 38 – Zoning Ordinance amateur radio antenna regulations Sec. 38-379 -provided edits and set a public hearing for January meeting • Planning Commission discussion and possible recommendation to City Council on a Recreational Marijuana Facility Moratorium – this agenda item was motioned by City Council – recommended moratorium

3. Master Plan Review

At their meeting August 6th, 2018, the Owosso City Council approved the professional service agreement for the Master Plan Update between the City and CIB Planning, Inc. of Fenton, Michigan.

The following 4 members of Planning Commission were appointed to the Master Plan Subcommittee:

JANAE FEAR
FRANCIS LIVINGSTON
THOMAS TAYLOR
JAKE ADAMS

The Master Plan kick off meeting was held on Wednesday, October 24th. The consultants and the City Manager, Assistance City Manager and Main Street Manager met to discuss the process and held a tour of the City. The Master Plan Subcommittee later joined the conversation which included discussing the process, current city vision statement, city priorities, public engagement, and identifying priorities on a city map.

City Staff has some goal setting work to do with various Boards and hopes to work with the consultants to kick off focus group meetings in February.

4. Zoning Ordinance Amendments

a. Zoning ordinance:

Section	Amendment/Addition	Status
Section 16.5 Section 38-5 Section 38-217 Section 38-242 Section 38-267 Section 38-292	Amendment – Medical marihuana	Approved
Section 26-19	Amendment - Sign ordinance five foot clearance from the right-of-way	Approved
Chapter 26	Amendments to sign ordinance	Next Step Public Hearing
Section 38-197 Section 38-217 Section 38-242 Section 38-267 Section 38-292	Amendments to buffer zone requirements for medical marihuana businesses	Next Step Public Hearing
Section 38-292 Section 38-312 Section 38-393 Section 38-389	Amendments industrial outdoor storage screening	Next Step Public Hearing
Section 38-379	Addition of amateur radio antenna regulations Sec. 38-379	Next Step Public Hearing

b. Rezoning Requests:

None requested in 2018

ZONING BOARD OF APPEALS

1. Membership:

MEMBER	TITLE	TERM EXPIRES
RANDY HORTON	Chair	6-20-2020
THOMAS TAYLOR	PC Representative	6-30-2021
CHRISTOPHER EVELETH	Vice Chair Council Representative	11-14-2022
KENT TELESZ		6-30-2019
MATTHEW GRUBB	Secretary	6-30-2021
JOHN HORVATH	Alternate	6-30-2019
VACANT	Alternate	

2. Attendance

	Horton	Eveleth	Taylor	Telesz	Jozwiak	Horvath	Grubb
Jan	No Meeting						
Feb	X	X			X	X	X
Mar	No Meeting						
Apr	No Meeting						
May	No Meeting						
Jun	X		X			X	
Jul	No Meeting						
Aug	X			X			X
Sept	X			X		X	X
Oct	X		X				X
Nov	No Meeting						
Dec	No Meeting						

X = present

3. Meetings:

Zoning Board of Appeals meetings are held the 3rd Tuesday of each month, except as noted at 9:30 a.m.

Meeting Date	Agenda Items
January 16	Canceled due to lack of agenda items
February 20	<ul style="list-style-type: none"> 640 N. Shiawassee Street is seeking a dimensional variance to waive the setback requirement of 10' from the right-of-way in order to install a new sign on the exiting pole and foundation - Approved
March 20	Canceled due to lack of agenda items
April 17	Canceled due to lack of agenda items
May 15	Canceled due to lack of agenda items
June 19	<ul style="list-style-type: none"> 114 W. Main Street is appeal staff decision that LED lights are signage – ZBA decision LED lights were not signage

Meeting Date	Agenda Items
July 17	Canceled due to lack of agenda items
August 21	<ul style="list-style-type: none"> 427 W. Main Street is seeking a variance from Article XII. B-4 General Business Districts, Section 38-268, (4) b. which states Business in the character of a drive-in or open front store, subject to the following conditions: Access points shall be located at least sixty (60) feet from the intersection of any two (2) streets. – Approved 503 S. Shiawassee Street is seeking a variance from Chapter 26 – Signs, Article IV. General Provisions, Sec. 26-18. - Prohibited signs which states the following signs are prohibited in all districts: (9) Pylon or pole signs not provided for in this chapter – Approved Interpretation requested of Sec. 26-21. - Specific sign standards. Footnotes to the Sign Dimensional Standards and Regulations Table (b). – Sent to Planning Commission
September 18	<ul style="list-style-type: none"> 804 W. Oliver Street seeking variances from Sec. 38-379 (1) where the accessory building is structurally attached to a main building, it shall be subject to, and must conform to, all regulations of this chapter applicable to main building. Section 38-351 states that a structure within the R-1 zoning district shall have a minimum side yard setback of 8 feet, a minimum rear yard setback of 35 feet and maximum lot coverage of 25% - All Approved 215 Oakwood Ave seeking variances from Section 38-393 (3) states that fences and hedges in front yards that function as exterior side yards must follow front yard restrictions unless the fence or hedge is installed or planted at least nineteen (19) feet back from the right-of-way line or follows the building line of the nearest legal structure. All such fences and hedges must meet clear vision requirements for streets, driveways, and sidewalks and (2) states front yard fences or hedges must be less than fifty (50) percent solid, impervious, or of an obscuring nature above a height of thirty (30) inches above the curb or centerline of the street, and not exceed four (4) feet in total height. – All Approved 620 Lee Street seeking variances from Sec. 38-379 (4) states no detached accessory building shall be located closer than ten (10) feet to any main building nor shall it be located closer than three (3) feet to any side or rear lot line. - Approved
October 16	<ul style="list-style-type: none"> Baker College seeking multiple variances for signage – All Approved
November 20	Canceled due to lack of agenda items
December 18	Canceled due to lack of agenda items

TRAINING

- City Staff attended the Michigan Association of Planning conference
- Assistance City Manager attended a MEDC Pro-forma Training
- Assistance City Manager completed the RRC Best Practices online training
- MSU Extension – Restrictions on Zoning Authority document was provided to PC members in December 2018

JOINT MEETINGS

None held in 2018

REDEVELOPMENT READY COMMUNITIES:

Criteria	Report of Findings August 1, 2017	Progress Report October 1, 2018*	
Best Practice 1.1: The Plans			
The governing body has adopted a master plan in the past five years.	N	N	Currently working on
The governing body has adopted a downtown plan.	N	N	Currently working on
The governing body has adopted a corridor plan.			
The governing body has adopted a capital improvements plan.	N	N	Will January 2019
Best Practice 1.2: Public Participation			
The community has a public participation plan for engaging a diverse set of community stakeholders.	N	Y	
The community demonstrates that public participation efforts go beyond the basic methods.	Y	Y	
The community shares outcomes of public participation processes.	N	Y	
Best Practice 2.1: Zoning Regulations			
The governing body has adopted a zoning ordinance that aligns with the goals of the current master plan.	N	N	Will occur after MP update
The zoning ordinance provides for areas of concentrated development in appropriate locations and encourages the type and form of development desired.	N	N	Will occur after MP update
The zoning ordinance includes flexible zoning tools to encourage development and redevelopment.	Y	Y	
The zoning ordinance allows for a variety of housing options.	Y	Y	
The zoning ordinance includes standards to improve non - motorized transportation.	N	N	Will occur after MP update
The zoning ordinance includes flexible parking requirements.	N	N	Will occur after MP update
The zoning ordinance includes standards for green infrastructure.	N	N	Will occur after MP update
The zoning ordinance is user - friendly.	N	N	Will occur after MP update

Best Practice 3.1: Development Review Policy and Procedures

The zoning ordinance articulates a thorough site plan review process.	Y	Y
The community has a qualified intake professional.	Y	Y
The community defines and offers conceptual site plan review meetings for applicants.	N	N
The community encourages a developer to seek input from neighboring residents and businesses at the onset of the application process.	N	Y
The appropriate departments engage in joint site plan reviews.	Y	Y
The community has a clearly documented internal staff review policy.	N	N
The community promptly acts on development requests.	N	N
The community has a method to track development projects.	N	N
The community annually reviews the successes and challenges with the site plan review and approval procedures.	N	N

Completed and on website

Implemented BS&A tracking

Implemented BS&A tracking

Implemented BS&A tracking

Best Practice 3.2: Guide to Development

The community maintains an online guide to development that explains policies, procedures and steps to obtain approvals.	N	N
The community annually reviews the fee schedule.	N	Y

Completed and on website

Completed and on website

Best Practice 4.1: Recruitment and Orientation

The community sets expectations for board and commission positions.	N	N
The community provides orientation packets to all appointed and elected members of development related boards and commissions.	N	N

Currently working on

Will work on after Board expectations

Best Practice 4.2: Education and Training

The community has a dedicated source of funding for training.	Y	Y
The community identifies training needs and tracks attendance of the governing body, boards, commissions and	N	N

staff.		
The community encourages the governing body, boards, commissions and staff to attend trainings.	Y	Y
The community shares information between the governing body, boards, commissions and staff.	N	N

Best Practice 5.1:

Redevelopment Ready Sites

The community identifies and prioritizes redevelopment sites.	N	N
The community gathers preliminary background information for prioritized redevelopment sites.	N	N
The community has development a vision for the priority redevelopment sites.	N	N
The community identifies available resources and incentives for prioritized redevelopment sites.	N	N
A property information package for the prioritized redevelopment site(s) is assembled.	N	N
Prioritized redevelopment sites are actively marketed.	N	N

Will occur with MP update

Best Practice 6.1: Economic

Development Strategy

The community has approved an economic development strategy.	N	N
The community annually reviews the economic development strategy.	N	N

Best Practice 6.2: Marketing and Promotion

The community has developed a marketing strategy.	N	N
The community has an updated, user -friendly municipal website.	N	N

*Status as of October Quarterly Review

Staff is actively working on items on the above list.

MINUTES FOR
SPECIAL MEETING
OWOSSO HISTORIC DISTRICT COMMISSION
Wednesday, June 13, 6:00 p.m.
CITY HALL BUILDING – COUNCIL CHAMBERS

MEETING CALLED TO ORDER at 6:00 p.m. by Chairman Newman.

ROLL CALL was taken by Recording Staff Liaison, Josh Adams.

PRESENT: Chairman Scott Newman; Vice-Chairman Vince Gonyou, Secretary Philip Hathaway; Commissioner Matthew VanEpps; Commissioner Gary Wilson,

ABSENT: Commissioner Lance Omer, and Commissioner Dianne Acton

OTHERS IN ATTENDANCE: Josh Adams, Owosso Main Street Manager; Jackie Hoist, Façade Grant Architect – H2A Architects

AGENDA APPROVAL:

MOTION FOR APPROVAL AS AMENDED BY COMMISSIONER WILSON. MOTION WAS SECONDED BY COMMISSIONER VAN EPPS.

AYES ALL. MOTION CARRIED.

MINUTES APPROVAL:

MOTION BY COMMISSIONER WILSON, SUPPORTED BY COMMISSIONER HATHAWAY TO TABLE THE MINUTES FOR AUGUST 8, 2017

AYES ALL. MOTION CARRIED.

COMMUNICATIONS: None

PUBLIC/COMMISSIONER COMMENTS: None

Committee Reports: None

Public Hearings: None

Items of Business:

1) 114 N. Washington Street – Façade Improvements (grant)
Ms. Jackie Hoist (project architect) discussed the overall plan to conduct comprehensive façade improvements using the MEDC Façade Grant Program.

Discussion focused on the size and shape of the existing windows. During the 2016/17 rental rehabilitation grant, new, second-story windows were installed. At that time the windows were approved by SHPO during their environmental review process but were not brought before the Owosso HDC for approval. Chairman Newman discussed his concern about the size of the windows installed and their historic inaccuracy.

Due to the approval by SHPO and the failure of City Staff (administers of the rental rehabilitation program) to bring the window replacement before the HDC, it was discussed to allow the existing windows to remain.

MOTION BY COMMISSIONER VAN EPPS, AND SECONDED BY COMMISSIONER HATHAWAY TO APPROVE THE FACADE IMPROVEMENTS AS PROPOSED:

AYES: COMMISSIONER HATHAWAY; COMMISSIONER VANN EPPS; COMMISSIONER GONYOU

NAYS: COMMISSIONER NEWMAN; COMMISSIONER WILSON

MOTION CARRIED: A CERTIFICATE OF APPROPRIATENESS WILL BE ISSUED

2) 115 N. Washington Street – Façade Improvements (grant)
Ms. Jackie Hoist (project architect) discussed the overall plan to conduct comprehensive façade improvements using the MEDC Façade Grant Program.

Discussion focused on the replacement of the front door and the repainting of the brick façade. The proposed improvements include a fiberglass reinforced polymer (FRP) door. The commission questioned why a wood door was not chosen for a replacement.

Additional discussion took place about the property owner's choice to repaint the façade and how removal of the paint would be the best, historically appropriate option. Ms. Hoist indicated that paint removal was considered by the property owner but there was concern that the brick was in too much of disrepair and removal of the paint would do more damage than good.

Ms. Hoist indicated that the current door at the location is fiberglass and the brick on the façade is currently painted. Under the Secretary of Interior's Standards and SHPO's review, the property owner can replace the door with a FRP door as long as it fits the historic profile of the building and they can repaint the brick that is currently painted.

The commission acknowledges that the approval of a FRP or synthetic door is a pivot from prior decisions. The shift is a result of SHPO's adjustments in allowing such materials to be used as long as the historic profile is met.

MOTION BY COMMISSIONER HATHAWAY, AND SECONDED BY COMMISSIONER VAN EPPS TO APPROVE THE FACADE IMPROVEMENTS AS PROPOSED:

AYES: COMMISSIONER HATHAWAY; COMMISSIONER VANN EPPS; COMMISSIONER GONYOU; COMMISSIONER WILSON

NAYS: COMMISSIONER NEWMAN

MOTION CARRIED: A CERTIFICATE OF APPROPRIATENESS WILL BE ISSUED

3) 114-116 W. Main Street – Façade Improvements (grant)
Ms. Jackie Hoist (project architect) discussed the overall plan to conduct comprehensive façade improvements using the MEDC Façade Grant Program.

MOTION BY COMMISSIONER HATHAWAY, AND SECONDED BY COMMISSIONER WILSON TO APPROVE THE FACADE IMPROVEMENTS AS PROPOSED:

AYES: ALL

MOTION CARRIED: A CERTIFICATE OF APPROPRIATENESS WILL BE ISSUED

4) 216-218 W. Main Street – Façade Improvements (grant)
Ms. Jackie Hoist (project architect) discussed the overall plan to conduct comprehensive façade improvements using the MEDC Façade Grant Program.

MOTION BY COMMISSIONER HATHAWAY, AND SECONDED BY COMMISSIONER VAN EPPS TO APPROVE THE FACADE IMPROVEMENTS AS PROPOSED:

AYES: ALL

MOTION CARRIED: A CERTIFICATE OF APPROPRIATENESS WILL BE ISSUED

PUBLIC COMMENTS: None

BOARD COMMENTS: None

ADJOURNMENT:

MOTION BY COMMISSIONER GONYOU AND SECONDED BY COMMISSIONER HATHAWAY TO ADJOURN AT 7:13 P.M.

Phil Hathaway, Secretary

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