



IF YOU WISH TO ADDRESS THE CITY COUNCIL,
PLEASE COMPLETE FORM LOCATED ON DESK AT ENTRANCE AND PASS TO MAYOR.

AGENDA - CITY COUNCIL MEETING

January 26, 2016

6:30 p.m.

1. **CALL TO ORDER.**
2. **PLEDGE OF ALLEGIANCE** - Invocation by Andrew R. Frounfelker, 5th Ward City Councilmember.
3. **ROLL CALL.**
4. **ADOPTION OF AGENDA.**
5. **CITIZEN COMMENTS** (3-Minute Limit).
6. **PRESENTATIONS/PROCLAMATIONS.**
7. **PETITIONS & COMMUNICATION (Accept & Place on File).**
8. **CONSENT CALENDAR.**
 - A. **Minutes of the Regular Meeting on January 12, 2016:**
Approve the minutes of the regular City Council meeting of January 12, 2016.
 - B. **39th Annual Groundhog Gallup:**
Approve the request from Allegiance Health to conduct their 39th Annual Groundhog Gallup on Saturday, February 6, 2016, at 10:00 a.m., at Middle School of Parkside. (Contingent upon receipt of proper insurance coverage.)
 - C. **Engineer's Report for Edward Avenue - Wildwood Avenue to Winthrop Street & Winthrop Street - Edward Avenue to Withington Stadium:**
Receive the Engineer's Report for street reconstruction on Edward Avenue from Wildwood Avenue to Winthrop Street and on Winthrop Street from Edward Avenue to the east end at Withington Stadium, and establishment of February 9, 2016, at the City Council meeting as the time and place to hold a public hearing of necessity.

- D. Engineer's Report for Mechanic Street Reconstruction - Morrell Street to Washington Avenue:**
Receive the Engineer's Report for street reconstruction on Mechanic Street from Morrell Street to Washington Avenue and establishment of February 9, 2016, at the City Council meeting as the time and place to hold a public hearing of necessity.
- E. Engineer's Report for West Avenue Reconstruction - Michigan Avenue - Wildwood and Ganson Street to North Street:**
Receive the Engineer's Report for street reconstruction on West Avenue from Michigan Avenue to Wildwood Avenue and from Ganson Street to North Street, and establishment of February 9, 2016, at the City Council meeting as the time and place to hold a public hearing of necessity.
- F. Engineer's Report for Francis Street Resurfacing - Washington Avenue to Glick Highway:**
Receive the Engineer's Report for street resurfacing on Francis Street from Washington Avenue to Glick Highway, and establishment of February 9, 2016, at the City Council meeting as the time and place to hold a public hearing of necessity.
- G. Engineer's Report for Mechanic Street Resurfacing - Washington Avenue to Glick Highway:**
Receive the Engineer's Report for street resurfacing on Mechanic Street from Washington Avenue to Glick Highway, and establishment of February 9, 2016, at the City Council meeting as the time and place to hold a public hearing of necessity.
- H. Engineer's Report for Jackson Street Resurfacing - Washington Avenue to Glick Highway:**
Receive the Engineer's Report for street resurfacing on Jackson Street from Washington Avenue to Glick Highway, and establishment of February 9, 2016, at the City Council meeting as the time and place to hold a public hearing of necessity.
- I. CDBG and HOME Financial Statements through December 31, 2015:**
Receive the Community Development Block Grant (CDBG) and HOME Financial Summaries through December 31, 2015.
- J. Income Tax Board of Review Appointment:**
Approve the Mayor's recommendation to appoint Matt Swartzlander, Anthony Raduazo, and Irving French to the Income Tax Board of Review for a three-year term each, beginning February 1, 2016, and ending January 31, 2019.

9. PUBLIC HEARINGS.

A. **Public Hearing to Receive Citizen Comments for 2016-2017 Annual Action Plan:**

Recommendation: Conduct a Public Hearing to receive citizen input on the City's housing and community development needs specific to Community Development Block Grant (CDBG) and HOME funding. All comments received will be incorporated into the 2016-2017 Annual Action Plan submitted to HUD in May 2016.

10. OTHER BUSINESS.

A. **Balancing Change Order 3 for 2015 Michigan Avenue Utility Replacement Contract:**

Recommendation: Approve Balancing Change Order 3 to the contract with Dunigan Brothers, Inc., in the decreased amount of \$292,427.54 to balance the contract quantities with the final quantities placed for original items, to add items that were necessary to complete the work in the field, and authorize the City Manager and City Engineer to execute the appropriate document.

B. **Interim Balancing Change Order 4 for 2015 Michigan Avenue Sidewalk Restoration Contract:**

Recommendation: Approve Interim Balancing Change Order 4 to the contract with Dunigan Brothers, Inc., in the increased amount of \$59,058.22 to balance contract quantities for various original items that are substantially complete to match quantities placed in the field, to add items that were necessary to complete the work in the field, and authorize the City Manager and City Engineer to execute the appropriate document.

11. NEW BUSINESS.

A. **Sale of City-Owned Property - 1009 Martin Street:**

Recommendation: Approve the sale of a City-owned vacant lot at 1009 Martin Street (PIN 5-100400000) for \$100.00 to Lane Memorial CME Church, and authorize the City Manager to sign the Offer to Purchase, and Purchase Agreement, subject to minor modifications and approval by the City Attorney.

B. **Sale of City-Owned Property - 1125 Woodbridge:**

Recommendation: Approve the sale of a City-owned vacant lot at 1125 Woodbridge Street (PIN 4-114800000) for \$100.00, and authorize the City Manager to sign the Offer to Purchase, subject to minor modifications and approval by the City Attorney.

C. Water Treatment Plant Hardware and Control Room Upgrade Project Contract:

Recommendation: Approve a contract for the Water Treatment Plant Supervisory Control and Data Acquisition (SCADA) Hardware and Room Upgrade Project to J. Ranck Electric, Mount Pleasant, MI, in the amount of \$755,055.00, and authorize the Mayor and City Treasurer/Clerk to execute the appropriate documents.

12. CITY COUNCILMEMBERS' COMMENTS.

13. MANAGER'S COMMENTS.

14. ADJOURNMENT.



JACKSON CITY COUNCIL MEETING MINUTES

January 12, 2016

CALL TO ORDER:

The Jackson City Council met in regular session in the City Hall and was called to order at 6:30 p.m. by Mayor Bill Jors.

PLEDGE OF ALLEGIANCE - INVOCATION:

The Council joined in the Pledge of Allegiance. The Invocation was given by Bishop Ira Combs.

ROLL CALL:

Present: Mayor Bill Jors, Councilmembers Arlene Robinson, Freddie Dancy, Daniel P. Greer, Craig Pappin, Andrew R. Frounfelker, and Derek J. Dobies.

Also present: City Manager Patrick Burtch, City Attorney Bethany Smith, City Clerk/Treasurer Andrew J. Wrozek, Jr., City Assessor David Taylor, Director of Police and Fire Matthew Heins, Director of Economic Operations Jennifer Morris, and Assistant City Manager/Operations Jonathan Greene.

ADOPTION OF AGENDA:

Motion was made to adopt the Agenda by Councilmember Dobies, seconded by Frounfelker. Motion carried.

CITIZEN COMMENTS:

Public comment time was opened. Comments were heard and the meeting resumed.

PRESENTATIONS/PROCLAMATIONS: none

PETITIONS & COMMUNICATION:

- A. City of Jackson's Audit Report for Fiscal Year 2015:**
Presentation by Mark Kettner, Rehman Robson, of the City of Jackson's Audit Report for Fiscal Year ended June 30, 2015.

Motion by Councilmember Greer to accept the report and place on file, seconded by Councilmember Dobies. Motion carried.

CONSENT CALENDAR:

- A. Minutes of the Regular Meeting on December 15, 2015:**
Approve the minutes of the regular City Council meeting of December 15, 2015.

- B. Board of Review Reappointment:**
Mayor's recommendation to reappoint Ken Stapleton to the Board of Review for a three-year term beginning February 1, 2016, and ending January 31, 2019.

- C. Ella W. Sharp Park Board of Trustees:**
Mayor's recommendation to reappoint Michelle Woods to the Ella W. Sharp Park Board of Trustees for a three year term beginning February 1, 2016, and ending January 31, 2019.

- D. Human Relations Commission Appointments:**
Mayor's recommendation to appoint Simon Foster and Suzanne Mure to the Human Relations Commission filling current vacancies beginning immediately, and ending December 31, 2018, in accordance with the Human Relations Commission recommendation.

- E. CDBG and HOME Financial Statements through November 30, 2015:**
Receive the Community Development Block Grant (CDBG) and HOME Financial Summaries through November 30, 2015.

Motion by Councilmember Dobies for adoption, seconded by Councilmember Greer. Motion carried.

PUBLIC HEARINGS: none.

OTHER BUSINESS:

- A. Ordinance No. 2016-01, Amending Chapter 28, Section 28-32. (Second/Final Reading):**
Recommendation: Final adoption of Ordinance No. 2016-01, amending Chapter 28, Section 28-32, City Code to rezone property located at 1530 Locust Street from I-2 to R-1.

Motion by Councilmember Greer, seconded by Councilmember Dobies to approve final adoption. Motion carried.

B. Ordinance No. 2016-02, Amendment - Limit Solicitation in Streets (Second/Final Reading):

Recommendation: Final adoption of Ordinance No. 2016-02, amending Chapter 16, City Code, to add provisions to limit solicitation on any public street.

Motion by Councilmember Greer, seconded by Councilmember Robinson to approve final adoption. Motion carried.

C. Contract Renewal - Tree Trimming and Removal:

Recommendation: Approve a contract renewal with Woody's Tree Service, Stockbridge, in the amount of \$75,725.00 for as needed tree trimming and removals, and authorize the Mayor and City Treasurer/Clerk to execute the appropriate documents.

Motion by Councilmember Frounfelker, seconded by Councilmember Dobies to approve the contract. Motion carried.

D. Final Balancing Change Order 2 - 2013 Local Street Construction Contract:

Recommendation: Approve Final Balancing Change Order 2 to the contract with Concord Excavating and Grading, Inc., Concord, in the decreased amount of \$1,400.00, to reduce the watering and cultivating contract item to reflect the work for this item completed in the field, and authorize the City Manager and City Engineer to execute the appropriate document.

Motion by Councilmember Greer, seconded by Councilmember Dobies for approval. Motion carried.

NEW BUSINESS:

A. 2016 Biosolids and Land Application Contract:

Recommendation: Approve a biosolids hauling and land application contract to BioTech Agronomics, Inc., Beulah, MI, at a unit price of \$0.0311 per gallon, and authorize the Mayor and City Treasurer/Clerk to execute the appropriate contract documents.

Motion by Councilmember Greer, seconded by Councilmember Pappin for approval. Motion carried.

B. Award Five (5) Demolition Contracts Under the Hardest Hit Blight Program:

Recommendation: Award five (5) demotion contracts in the total amount of \$761,469.80 under the Hardest Hit Blight Program as follows:

Contractor	Amount
Lester Brothers	\$30,929.00
RA Baker Excavating	\$231,438.00
Rickman Enterprise Group	\$51,790.00
Salenbien Trucking & Excavating	\$55,907.80
Smalley Construction	\$391,405.00
Total	<u>\$761,469.80</u>

and authorize the City Manager to take all actions necessary to finalize the contracts, and also authorize the City Attorney to make modifications if needed.

Motion by Councilmember Dobies, seconded by Councilmember Greer for approval. Roll call votes: Yeas: Mayor Jors, Councilmembers Greer, Pappin, Frounfelker, and Dobies- 5. Nays: Councilmembers Robinson and Dancy - 2. Motion carried.

***C. Resolution Adjusting the Parking Permit Rates:**

Recommendation: Approve the resolution adjusting the parking permit rates, and authorization for the Mayor and City Treasurer/Clerk to sign the resolution.

Motion by Councilmember Greer, seconded by Councilmember Frounfelker for approval. Roll call votes: Yeas, Mayor Jors, Councilmembers Robinson, Dancy, Greer, Pappin, Frounfelker, and Dobies - 7. Motion carried.

***D. Resolution to Repeal SB 571:**

Recommendation: Approve a resolution in opposition to Public Act 269 (Senate Bill 571).

Motion by Councilmember Greer, seconded by Frounfelker for approval. Motion carried.

EXECUTIVE SESSION to discuss pending litigation, purchase of real property, and written legal opinion of counsel.

Motion to recess open session and go into Executive Session by Councilmember Greer, seconded by Robinson. Roll call votes: Yeas, Mayor Jors, Councilmembers Robinson, Dancy, Greer, Pappin, Frounfelker, and Dobies - 7. Motion carried.

RETURN TO OPEN SESSION:

Motion to return to Open Session by Councilmember Greer, seconded by Robinson. Roll call votes: Yeas, Mayor Jors, Councilmembers Robinson, Dancy, Greer, Pappin, and Frounfelker - 6. Absent but arrived shortly after, Councilmember Dobies - 1. Motion carried.

Motion to accept the recommendations made in Executive Session by the City Manager regarding Issue B by Councilmember Greer, seconded by Councilmember Dobies. Motion carried.

Motion to accept the recommendations made in Executive Session by the City Attorney regarding settlement of Issue A by Councilmember Dobies, seconded by Councilmember Greer. Motion carried.

Motion by Councilmember Frounfelker to approve an Option and Preliminary Development Agreement between the City of Jackson, as Grantor and Detroit Entrepreneur Development, LLC as Grantee, for the property located at the north east corner of the former Consumer's Energy Parking Lot as shown on Exhibit A, authorize the City Manager to sign same, authorize the City Attorney to make minor modifications, and to take all actions necessary to finalize the Agreement, seconded by Councilmember Dobies. Motion carried.

Motion by Councilmember Frounfelker to approve Parking Permit Purchase Agreement between the City of Jackson and Detroit Entrepreneur Development, LLC, authorize the City Manager to sign same, authorize the City Attorney to make minor modifications and to take all other actions necessary to finalize the Agreement, seconded by Councilmember Dobies. Motion carried.

CITY COUNCILMEMBERS' COMMENTS

MANAGER'S COMMENTS

ADJOURNMENT:

No further business being presented, Councilmember Greer, seconded by Councilmember Robinson made the motion to adjourn the meeting. Motion carried. Mayor Jors closed the meeting at 8:15 p.m.



Jackson Downtown Development Authority

**CITY COUNCIL MEETING
January 26, 2016**

January 20, 2016

MEMO TO: Honorable Mayor and City Council Members

FROM: Nathan Mack, Executive Director

SUBJECT: Special Event Application: 39th Annual Groundhog Gallup

RECOMMENDATION: Approval of the request from Allegiance Health to conduct their 39th annual Groundhog Gallup on February 6, 2016 at 10 a.m. at Middle School of Parkside. Insurance is pending approval.

DEPARTMENTAL APPROVAL SUMMARY

Approvals noted below by each department indicate they have been made aware of the request and the capacity of their department has been met. Conditions of their approval and special considerations are noted.

Department	Approval	Denial	Economic Impact
Police	x		\$50
Fire	x		\$0
Engineering	x		\$0
Public Works	x		\$0
Recreation	x		\$0
DDA	x		\$0
			<hr/>
			\$50

Conditions and Considerations:

- **Parks and Recreation Dept. will plow on the Friday before the event if needed and they do not use salt on their trails.**
- **Fire Dept. will not be on standby for this event as in the past.**

Insurance Status: Pending

att: Special Event Application: **39th Annual Groundhog Gallup**

NM/EB



CITY OF JACKSON
SPECIAL EVENT APPLICATION
 City Clerk's Office * 161 W. Michigan Avenue * Jackson, MI 49201
 (517) 788-4025

Date Received By Clerk's Office: 1/19/16 Time: 9:45am By: EB

Please complete this application in accordance with the City of Jackson Special Events Policy, and return it to the Office of the City Clerk at least 30 calendar days before the first day of the event.

Sponsoring Organization's Legal Name: Allegiance Health
 Organization Address: One Jackson Square, 9th Floor, Jackson, MI 49201
 Organization Agent: Shaina Tinsey Title: Community Health, Supervisor
 Phone: Work 780-7306 Home _____ During event 248-882-8304
 Agent's Address: One Jackson Square, 9th Floor, Jackson, MI 49201
 Agent's E-Mail Address: Shaina.Tinsey@AllegianceHealth.org
 Event Name: 39th Annual Groundhog Gallup

Please give a brief description of the proposed special event: 5K run/walk event beginning and ending at Middle School at Parkside. All proceeds help support step by step mileage club in local elementary schools.

Event Day(s) & Date(s): Saturday Feb. 6, 2016 Event Time(s): 10am - 2pm
 Set-Up Date & Time: 2/6/16 10am Tear-Down Date & Time: 2/6/16 2pm
 Event Location: Middle School at Parkside, 2400 4th St, Jackson, MI 49203

ANNUAL EVENT: Is this event expected to occur next year? YES NO How many years has this event occurred? 39

MAP: (a) If your event will use streets or sidewalks (for a parade, run, etc.) or will use multiple locations, please attach a complete map showing the assembly and dispersal locations and the route plan. (b) Show any streets or parking lots that you are requesting to be blocked off, and location of vendors, if any. A final map, if different, must be provided seven (7) days before the event. (c) Please show an emergency vehicle access lane.

STREET CLOSURES: Start Date/ Time: 2/6/16 11:45am through Date/ Time: 2/6/16 Last walker completes course

RESERVED PARKING: Are you requesting reserved parking? YES NO
 If yes, list the number of street spaces, City lots or locations where parking is requested:

VENDORS: Food Concessions? YES NO Other Vendors? YES NO

DO YOU PLAN TO HAVE ALCOHOL SOLD/SERVED AT THIS EVENT? YES NO
 If yes, are liquor license and liquor liability insurance attached? YES NO
 If yes, what time? _____ until _____



ENTERTAINMENT: Are there any entertainment features related to this event? YES NO
 If yes, provide an attachment listing all bands/performers, type of entertainment, and performance schedule.

ATTENDANCE: What is the expected (estimated) attendance for this event? 200-300 individuals

AMUSEMENT: Do you plan to have any amusement or carnival rides? YES NO
 If yes, you are required to obtain a permit through the City Clerk's Office.

REST ROOMS: Are you planning to provide portable rest rooms at the event? YES NO If yes, how many? _____
 As an event organizer, you must consider the availability of rest room facilities during this event. Consideration should be made regarding the type of event, the length of time it will be held, the number of people, etc. You must determine the rest room facilities in the immediate area of the event venue and then identify the potential need for portable facilities. Remember to identify accessible facilities for ADA requirements as well.

OTHER REQUESTS: (i.e., Police Department assistance, Fire Dept., street closures, electrical, etc.)
Police dept. assistance for the following street closures: 4th St. & N. Hickory intersection; W. Hickory Ave; Horton Rd. to Park Rd; Park Rd & Intercity bike trail; Intercity bike trail to S. West Ave; Parkside Middle School entrance
Fire Dept for Medical Assistance.

INSURANCE: All sponsors of special events must carry liability insurance with coverage of at least \$500,000. An event sponsor must provide a valid certificate of insurance naming the City of Jackson as an additional insured party on the policy. A sponsor of a Low Hazard event may request that City Council waive the insurance requirement and execute a Hold Harmless and Indemnification Agreement. This event qualifies consideration for Low Hazard because:

CERTIFICATION AND SIGNATURE: I understand and agree on behalf of the sponsoring organization that:
 A Certificate of Insurance must be provided which names the City of Jackson as an additional named insured party on the policy or I am requesting that City Council waive the insurance requirement for this Low Hazard Event as identified in paragraph above related to insurance, and I have executed the Hold Harmless and Indemnification Agreement on behalf of the event sponsor.
 All food vendors must be approved by the Jackson County Health Department, and each food or other vendor must provide the City of Jackson with a Certificate of Insurance which names the City of Jackson as an additional named insured party on the policy.
 The approval of this special event may include additional requirements or limitations, based on the City's review of this application.
 Applicants who fail to clean up and repair damages to the Event Area may be billed for City services and such failure will be considered for future applications.
 As the duly authorized agent of the sponsoring organization, I am applying for approval of this Special Event, affirm the above understandings, and agree that my sponsoring organization will comply with the terms of the written confirmation of approval, and all other City requirements, ordinances and other laws, which apply to this Special Event. By signing this Special Event Application, I declare I am 21 years of age or older.

12-22-15
 Date

Shawn Ray
 Signature of Sponsoring Organization's Agent

RETURN THIS APPLICATION at least thirty (30) days before the first day of the event to:
 CITY CLERK'S OFFICE - ATTN: ANGELA ARNOLD
 161 W. MICHIGAN AVENUE - JACKSON, MI 49201

2016 Groundhog Gallop – Event Schedule

9am – Staff Setup Begins, Parkside Cafeteria and Course Route

10:30am – Registration/Package Pick-Up Begins, Parkside Cafeteria

11:45am – Close Roads and Intersections

12pm – Walk/Run Begins

Roads closed until final walker completes route

1pm – Staff Begins Tear Down/Clean Up



Neighborhood & Economic Operations

Building a Stronger Jackson

161 W. Michigan Avenue • Jackson, MI 49201-1303 • Facsimile (517) 780-4781

Building Inspection
(517) 788-4012

Code Enforcement
(517) 788-4060

Engineering
(517) 788-4160

Planning & Economic Development
(517) 768-6433

CITY COUNCIL MEETING January 26, 2016

TO: Honorable Mayor and City Councilmembers
FROM: Jon H. Dowling, P.E., City Engineer
SUBJECT: Engineer's Report for Edward Avenue – Wildwood Avenue to Winthrop Street
& Winthrop Street – Edward Avenue to Withington Stadium

RECOMMENDATION: Receive the Engineer's Report for street reconstruction on Edward Avenue from Wildwood Avenue to Winthrop Street and on Winthrop Street from Edward Avenue to the east end at Withington Stadium and establishment of February 9, 2016, at the City Council meeting as the time and place to hold a public hearing of necessity.

Engineering requests that City Council establish a public hearing of necessity to be held February 9, 2016 for street reconstruction on Edward Avenue from Wildwood Avenue to Winthrop Street and on Winthrop Street from Edward Avenue to the east end at Withington Stadium. This report is prepared for City Council per the Assessment Policy regarding the necessity of street construction.

Engineering records show that the pavement on Edward Avenue was constructed in 1917 and received a single course overlay in 1978. The condition of the pavement is poor with alligator cracking and potholes throughout. As the potholes were too numerous to fill, the center of the street was padded in 2014. Most of the curb and gutter is overlaid and broken at each joint.

Engineering records show that the pavement on Winthrop Street was constructed in 1928 and received a single course overlay in 1979. The condition for this street is also poor. There is cracking throughout with alligator cracks and potholes at various locations. The curb and gutter is overlaid throughout and the curb head is broken at various locations.

The attached photos show the current street conditions.

Engineering proposes concrete curb and gutter replacement and full depth pavement replacement with new aggregate base and asphalt pavement throughout the project area. The antiquated cast iron water mains (constructed in 1916 on Edward and 1927 on Winthrop 1919) within the project area will be replaced in conjunction with street construction. The water main portion of this project is part of the water main replacement program to improve water quality and pressure in the neighborhood.

Estimated project costs and funding are as follows:

CDBG Funds	\$ 326,000.00
Local Street Funds	\$ 23,000.00
Street Construction Assessments	\$ 64,102.50
Water Funds	<u>\$ 123,000.00</u>
Total Project Cost	\$ 536,102.50

The established individual assessment information has been reviewed by the City Assessor and includes corner lot benefits where applicable. According to the City Code, the City Assessor determines if corner lot benefits are granted. Associated costs are shown on the attached assessment maps. If this project is ordered, the assessment roll can be spread over a period of time. The number of years is based on the highest individual assessment amount that produces the longest period of time allowed for payment. Based on a schedule of assessments adopted by resolution on October 8, 2013, and on the highest individual assessments for this project, the number of annual installment periods will be fifteen.

TRW:sms

c: Dave Taylor, City Assessor
Andrew J. Wrozek, Jr., City Treasurer/Clerk
Troy R. White, P.E., Senior Civil Engineer



Photo 1: Edward Ave facing from south from Winthrop St.



Photo 2: Edward Ave facing south from mid-block between Wildwood and Winthrop St.



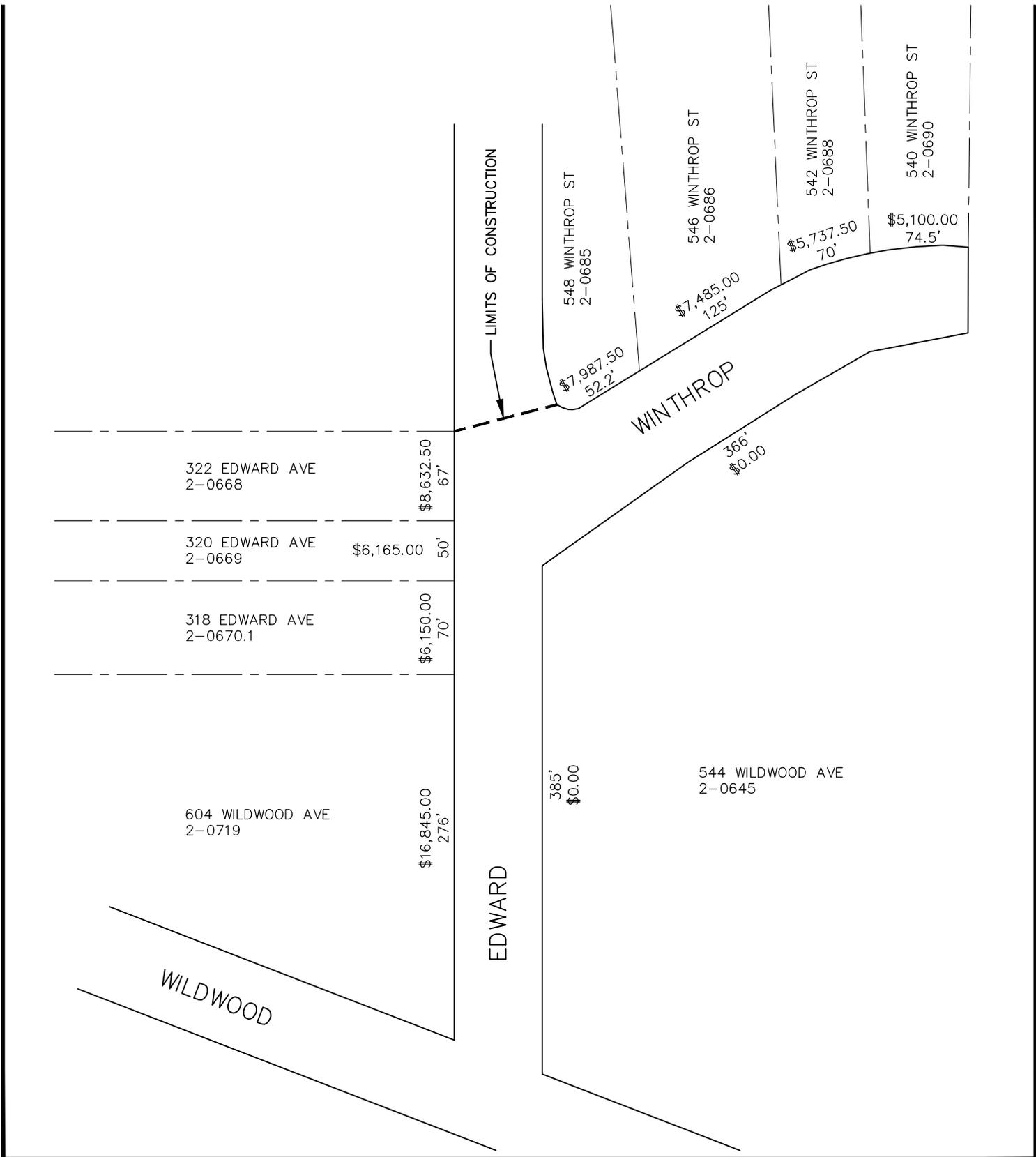
Photo 3: Winthrop St. facing east from Edward Ave



Photo 4: Winthrop St. facing east from mid-block between Edward and Withington Stadium



Photo 5: Winthrop St. at east end (at Withington Stadium)



	SCALE: 1" = 100'	ASSESSMENT MAP FOR EDWARD AND WINTHROP RECONSTRUCTION PAGE 1 OF 1
	DATE: 01/12/2016	
	DRAWN BY: DJD	
	CITY OF JACKSON DEPARTMENT OF ENGINEERING	



Neighborhood & Economic Operations

Building a Stronger Jackson

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Building Inspection
(517) 788-4012

Code Enforcement
(517) 788-4060

Engineering
(517) 788-4160

Planning & Economic Development
(517) 768-6433

CITY COUNCIL MEETING January 26, 2016

TO: Honorable Mayor and City Councilmembers
FROM: Jon H. Dowling, P.E., City Engineer
SUBJECT: Engineer's Report for Mechanic Street Reconstruction – Morrell Street to Washington Avenue

RECOMMENDATION: Receive the Engineer's Report for street reconstruction on Mechanic Street from Morrell Street to Washington Avenue and establishment of February 9, 2016, at the City Council meeting as the time and place to hold a public hearing of necessity.

Engineering requests that City Council establish a public hearing of necessity to be held February 9, 2016 for street reconstruction on Mechanic Street from Morrell Street to Washington Avenue. This report is prepared for City Council per the Assessment Policy regarding the necessity of street construction.

Engineering records do not show the exact year that the pavement on Mechanic Street was originally constructed. However, a map dated 1919 shows that Mechanic Street was paved at that time. The original brick street is still in place in some blocks and serves as a base for the existing street. Engineering records do show that the segment between Biddle and Mason received full-depth pavement reconstruction in 1966. The surface over the entire length between Morrell and Washington was then milled and repaved with a single course of asphalt in 1979. The current condition of the pavement is poor. It has cracking, potholes and extensive pathing throughout. Sections of the existing curb and gutter are overlaid and/or broken. The attached photographs show the current street condition.

Engineering proposes concrete curb and gutter replacement and full depth pavement replacement with new aggregate base and asphalt pavement throughout the project area. The antiquated cast iron water mains (constructed in or prior to 1919) and those sections of brick and vitrified clay sanitary sewer (constructed in 1907) within the project area will be replaced in conjunction with street construction. The water main portion of this project is part of the water main replacement program to improve water quality and pressure in the neighborhood. The sanitary sewer portion of this project is a continuation of the work Engineering has been doing for many years towards the elimination of brick sewers from the sanitary system as they are difficult to maintain once the mortar begins to deteriorate.

Estimated project costs and funding are as follows:

MDOT/FHWA Funds	\$ 599,000.00
CDBG Funds	\$ 151,500.00
Major Street Funds	\$ 312,000.00
Street Construction Assessments	\$ 150,767.63
Water Funds	\$ 310,000.00
Sewer Funds	<u>\$ 75,000.00</u>
Total Project Cost	\$ 1,698,267.63

The established individual assessment information has been reviewed by the City Assessor and includes corner lot benefits where applicable. According to the City Code, the City Assessor determines if corner lot benefits are granted. Associated costs are shown on the attached assessment maps. If this project is ordered, the assessment roll can be spread over a period of time. The number of years is based on the highest individual assessment amount that produces the longest period of time allowed for payment. Based on a schedule of assessments adopted by resolution on October 8, 2013, and on the highest individual assessments for this project, the number of annual installment periods will be fifteen.

TRW:sms

c: Dave Taylor, City Assessor
Andrew J. Wrozek, Jr., City Treasurer/Clerk
Troy R. White, P.E., Assistant City Engineer



Photo 1: Facing south from Bidle



Photo 2: Facing north from Bidle



Photo 3: Facing south from Mason



Photo 4: Facing south from Wesley



Photo 5: Facing north from Wesley



Photo 6: Facing south from Washington

WILKINS ST

700 S MECHANIC ST 4-0592		\$2,212.50	66'
704 S MECHANIC ST 4-0594		\$4,680.00	66'
708 S MECHANIC ST 4-0595		\$3,030.00	66'
714 S MECHANIC ST 4-0596.1		\$3,975.00	66'

701 S MECHANIC ST 5-0216		\$225.00	66'
707 S MECHANIC ST 5-0217		\$2,835.00	66'
711 S MECHANIC ST 5-0218		\$3,600.00	66'
715 S MECHANIC ST 5-0219		\$150.00	66'

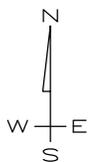
BIDDLE ST

800 S MECHANIC ST 4-0600		\$150.00	74.25'
806 S MECHANIC ST 4-0599		\$3,982.50	57.75'
810 S MECHANIC ST 4-0598		\$585.00	66'
814 S MECHANIC ST 4-0601	\$412.50		50'
818 S MECHANIC ST 4-0602	\$0.00		48.5'
822 S MECHANIC ST 4-0603	\$125.00		50'

S MECHANIC ST

801 S MECHANIC ST 5-0592		\$10,800.00	292.15'
821 S MECHANIC ST 5-0596		\$2,460.00	58.43'

MORRELL ST



SCALE:	1" = 100'
DATE:	01/11/2016
DRAWN BY:	DJD
CITY OF JACKSON DEPARTMENT OF ENGINEERING	

ASSESSMENT MAP FOR
MECHANIC STREET RECONSTRUCTION
FROM MORRELL ST TO WASHINGTON AVE
PAGE 1 OF 3

FRANKLIN ST

S MECHANIC ST 4-0129.01		\$150.00 66'
504 S MECHANIC ST 4-0129	\$75.00	33'
506 S MECHANIC ST 4-0132	\$75.00	33'
508 S MECHANIC ST 4-0133.1		\$1,560.00 66'

65'	\$600.00	501 S MECHANIC ST 5-0126
34'	\$1,537.50	505 S MECHANIC ST 5-0125
49.5'	\$75.00	509 S MECHANIC ST 5-0123
49.5'	\$1,612.50	513 S MECHANIC ST 5-0122

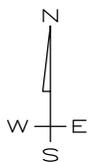
MASON ST

602 S MECHANIC ST 4-0586		\$4,027.50 66'
606 S MECHANIC ST 4-0588		\$2,632.50 66'
608 S MECHANIC ST 4-0589	\$0.00	66'
610 S MECHANIC ST 4-0590		\$2,850.00 66'

S MECHANIC ST

33'	\$1,507.50	601 S MECHANIC ST 5-0210
33'	\$100.00	603 S MECHANIC ST 5-0211
66'	\$0.00	605 S MECHANIC ST 5-0212
66'	\$3,900.00	609 S MECHANIC ST 5-0213
66'	\$1,972.50	613 S MECHANIC ST 5-0214.1

WILKINS ST



SCALE:	1" = 100'
DATE:	01/11/2016
DRAWN BY:	DJD
CITY OF JACKSON DEPARTMENT OF ENGINEERING	

ASSESSMENT MAP FOR
MECHANIC STREET RECONSTRUCTION
FROM MORRELL ST TO WASHINGTON AVE
PAGE 2 OF 3

WASHINGTON AVE

300 S MECHANIC ST 4-0073.1		\$3,375.00 66'
109 W WASHINGTON AVE 4-0071.01 THRU 4-0071.26	\$368.61 EA 2.54' EA	\$9,583.86 TOTAL 66'
310 S MECHANIC ST 4-0074		\$15,596.27 89.5'
338 S MECHANIC ST 4-0075	\$4,320.00	42.5'

264'	\$18,750.00	100 E WESLEY ST 5-0058
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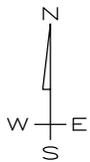
WESLEY ST

400 S MECHANIC ST 4-0100		\$4,627.50 66'
406 S MECHANIC ST 4-0101		\$6,300.00 198'

S MECHANIC ST

132'	\$16,267.50	401 S MECHANIC ST 5-0085
66'	\$7,650.00	407 S MECHANIC ST 5-0086
33'	\$1,200.00	411 S MECHANIC ST 5-0087.1
33'	\$1,200.00	415 S MECHANIC ST 5-0087.2

FRANKLIN ST



SCALE:	1" = 100'
DATE:	01/11/2016
DRAWN BY:	DJD
CITY OF JACKSON DEPARTMENT OF ENGINEERING	

ASSESSMENT MAP FOR
MECHANIC STREET RECONSTRUCTION
FROM MORRELL ST TO WASHINGTON AVE
PAGE 3 OF 3



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CITY COUNCIL MEETING January 26, 2016

TO: Honorable Mayor and City Councilmembers
FROM: Jon H. Dowling, P.E., City Engineer
SUBJECT: Engineer's Report for West Avenue Reconstruction
Michigan Avenue - Wildwood and Ganson Street to North Street

RECOMMENDATION: Receive the Engineer's Report for street reconstruction on West Avenue from Michigan Avenue to Wildwood Avenue and from Ganson Street to North Street and establishment of February 9, 2016, at the City Council meeting as the time and place to hold a public hearing of necessity.

Engineering requests that City Council establish a public hearing of necessity to be held February 9, 2016 for street reconstruction on West Avenue from Michigan Avenue to Wildwood Avenue and from Ganson Street to North Street. This report is prepared for City Council per the Assessment Policy regarding the necessity of street construction.

The subject segments of West Avenue are designated state trunkline highways and under the control of the Michigan Department of Transportation (MDOT). City of Jackson Engineering records do not show the year that the pavement between Ganson and North was originally constructed. Records do show that the section between Michigan and Wildwood received full-depth pavement reconstruction in 1980. The records also show that the surface of both segments was milled and repaved with two courses of asphalt in 1998. The current condition of the pavement is poor. There are transverse cracks throughout with longitudinal stress cracks and potholes in the wheelpaths at various locations. Potholes and patching are extensive in the segment between Ganson and North. The attached photographs show the current street condition.

The Michigan Department of Transportation (MDOT) is planning concrete curb and gutter replacement and full depth pavement replacement with new aggregate base and asphalt pavement throughout the project area. The antiquated cast iron water mains (constructed in 1926+) and vitrified clay sanitary sewer (constructed in sections between 1908 and 1923) will be replaced in conjunction with street construction. The water main portion of this project is part of the water main replacement program to improve water quality and pressure in the neighborhood. The sanitary sewer portion of this project is a continuation of the work Engineering has been doing for many years to improve reliability of the pipes beneath the City's critical state trunkline streets.

Estimated project costs and funding are as follows:

MDOT/FHWA Funds	\$ 2,482,400.00
Street Construction Assessments	\$ 45,342.60
Water Funds	\$ 28,000.00
Sewer Funds	<u>\$ 92,000.00</u>
Total Project Cost	\$ 2,647,742.60

The established individual assessment information has been reviewed by the City Assessor and includes corner lot benefits where applicable. According to the City Code, the City Assessor determines if corner lot benefits are granted. Associated costs are shown on the attached assessment maps. If this project is ordered, the assessment roll can be spread over a period of time. The number of years is based on the highest individual assessment amount that produces the longest period of time allowed for payment. Based on a schedule of assessments adopted by resolution on October 8, 2013, and on the highest individual assessments for this project, the number of annual installment periods will be fifteen.

TRW:sms

c: Dave Taylor, City Assessor
Andrew J. Wrozek, Jr., City Treasurer/Clerk
Troy R. White, P.E., Assistant City Engineer



Photo 1: West Ave. south of Wildwood, looking south



Photo 2: West Ave. at Norfolk, looking south



Photo 3: West Ave. at Hallett, looking south



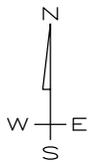
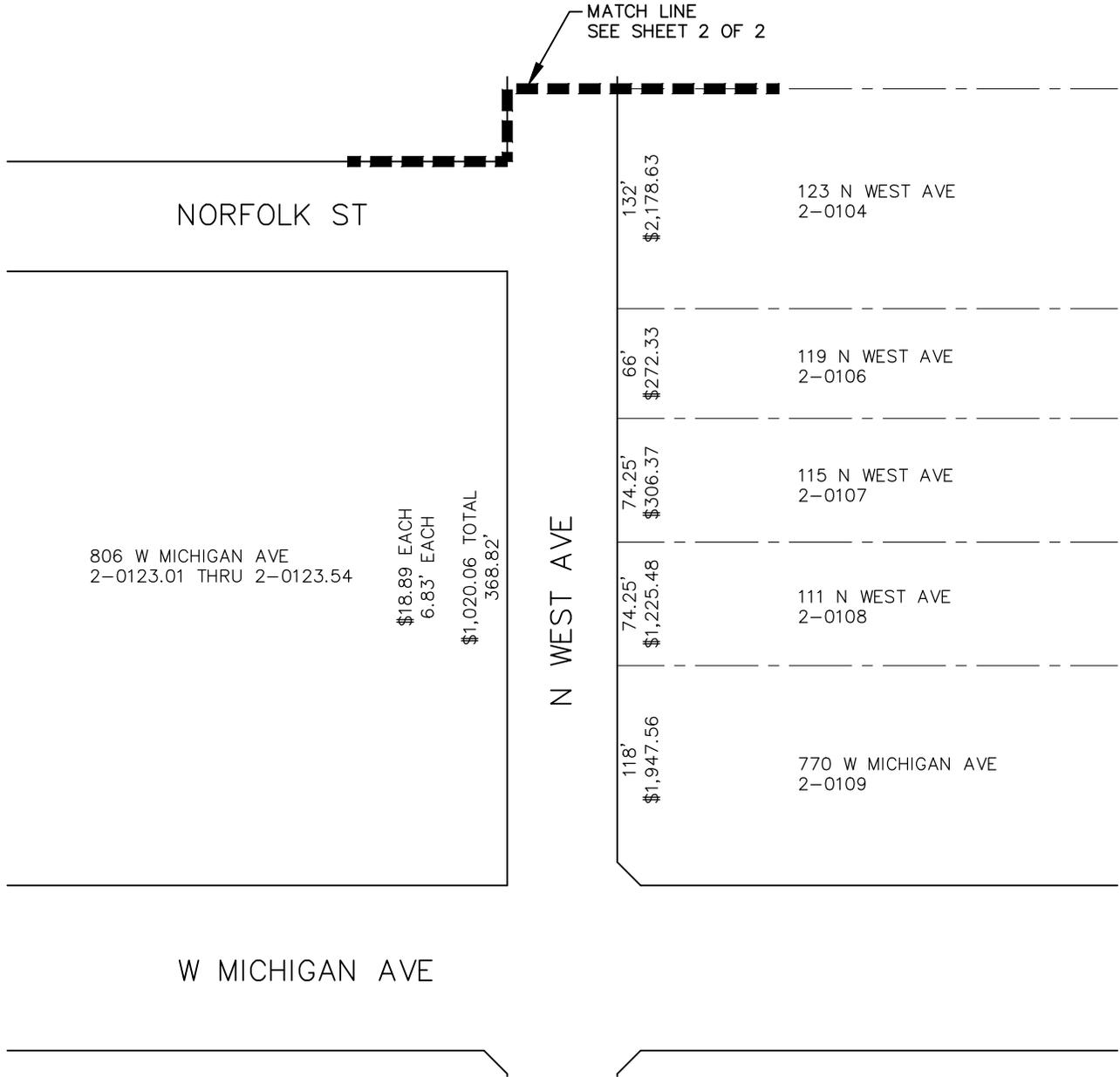
Photo 4: West Ave. at Hallett, looking north



Photo 5: West Ave. at Webb St., looking south

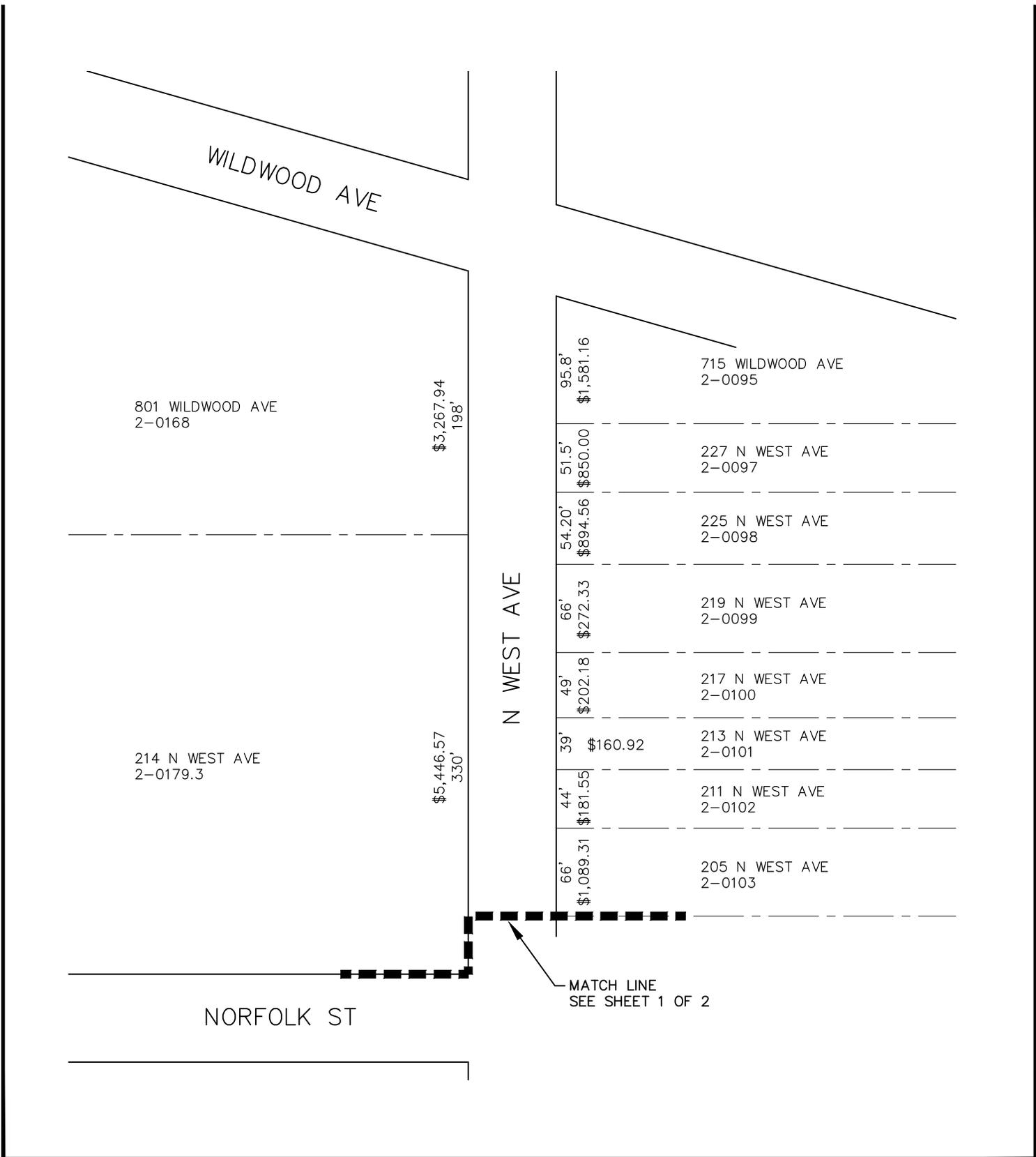


1176 Photo 6: West Ave. at Webb St., looking north.



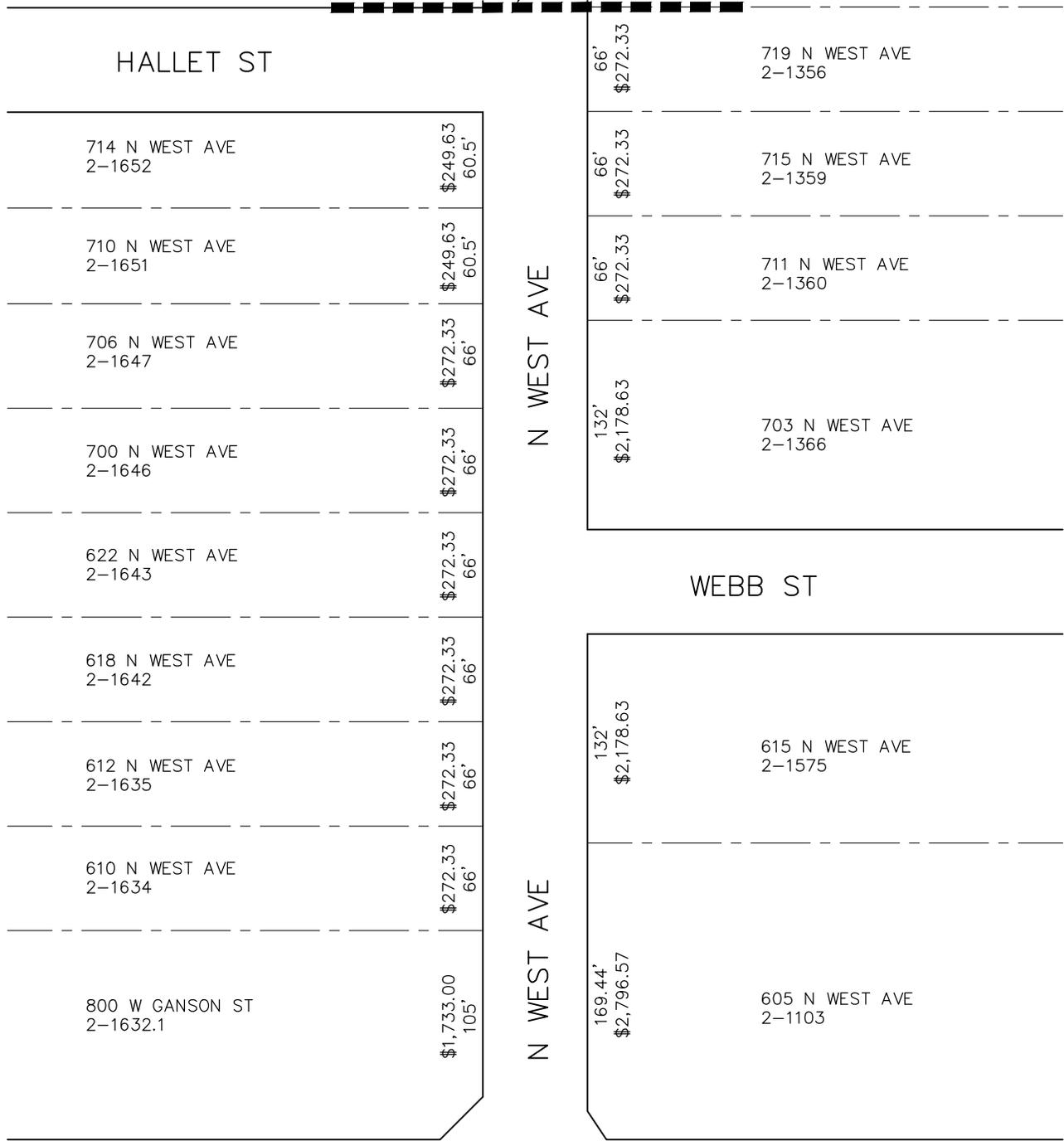
SCALE:	1" = 100'
DATE:	01/13/2016
DRAWN BY:	DJD
CITY OF JACKSON DEPARTMENT OF ENGINEERING	

ASSESSMENT MAP FOR
N WEST AVENUE RECONSTRUCTION
FROM MICHIGAN AVE TO WILDWOOD AVE
PAGE 1 OF 4



	SCALE: 1" = 100'	ASSESSMENT MAP FOR N WEST AVENUE RECONSTRUCTION FROM MICHIGAN AVE TO WILDWOOD AVE PAGE 2 OF 4
	DATE: 01/13/2016	
	DRAWN BY: DJD	
	CITY OF JACKSON DEPARTMENT OF ENGINEERING	

MATCH LINE
SEE SHEET 2 OF 2

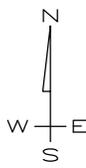


HALLET ST

N WEST AVE

WEBB ST

W GANSON ST



SCALE:	1" = 100'
DATE:	01/13/2016
DRAWN BY:	DJD
CITY OF JACKSON DEPARTMENT OF ENGINEERING	

ASSESSMENT MAP FOR
N WEST AVENUE RECONSTRUCTION
FROM MICHIGAN AVE TO WILDWOOD AVE
PAGE 3 OF 4

W NORTH ST

846 N WEST AVE
2-1676

\$4,201.45
254.56'

836 N WEST AVE
2-1672

\$1,964.07
119'

816 N WEST AVE
2-1668

\$544.66
132'

812 N WEST AVE
2-1664

\$272.33
66'

810 N WEST AVE
2-1660

\$272.33
66'

806 N WEST AVE
2-1659

\$272.33
66'

802 N WEST AVE
2-1655

\$272.33
66'

N WEST AVE

132'
\$2,178.63

845 N WEST AVE
2-1331

66'
\$272.33

839 N WEST AVE
2-1335

66'
\$272.33

835 N WEST AVE
2-1336

66'
\$272.33

831 N WEST AVE
2-1340

66'
\$272.33

827 N WEST AVE
2-1341

66'
\$272.33

823 N WEST AVE
2-1344

66'
\$272.33

819 N WEST AVE
2-1345

66'
\$272.33

815 N WEST AVE
2-1349

66'
\$272.33

811 N WEST AVE
2-1350

54.75'
\$225.91

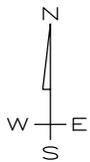
807 N WEST AVE
2-1354

54.75'
\$225.91

801 N WEST AVE
2-1355

HALLET ST

MATCH LINE
SEE SHEET 1 OF 2



SCALE: 1" = 100'

DATE: 01/13/2016

DRAWN BY: DJD

CITY OF JACKSON
DEPARTMENT OF
ENGINEERING

ASSESSMENT MAP FOR
N WEST AVENUE RECONSTRUCTION
FROM MICHIGAN AVE TO WILDWOOD AVE
PAGE 4 OF 4



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CITY COUNCIL MEETING January 26, 2016

TO: Honorable Mayor and City Councilmembers
FROM: Jon H. Dowling, P.E., City Engineer
SUBJECT: Engineer's Report for Francis Street Resurfacing - Washington Avenue to Glick Highway

RECOMMENDATION: Receive the Engineer's Report for street resurfacing on Francis Street from Washington Avenue to Glick Highway and establishment of February 9, 2016, at the City Council meeting as the time and place to hold a public hearing of necessity.

Engineering requests that City Council establish a public hearing of necessity to be held February 9, 2016 for street resurfacing on Francis Street from Washington Avenue to Glick Highway. This report is prepared for City Council per the Assessment Policy regarding the necessity of street construction.

Engineering records show that the subject segment of Francis Street received full-depth pavement and curb and gutter reconstruction in 2002. The pavement was then cracksealed in 2007. The condition of the concrete curb and gutter remains good. However, the asphalt pavement shows signs of aging. Paving joints are open in places and lateral cracks and indicate the start of block cracking. The attached photographs show the current street condition.

Engineering proposes to mill street and resurface with asphalt. No utility improvements are included in the proposed project. However, curb, sidewalk, ramp and landscaping improvements will be made to add/improve bumpouts at the intersections at Cortland and Michigan to improve aesthetics, pedestrian safety, traffic calming and on-street parking protection. Estimated project costs and funding are as follows:

Major Street Funds	\$ 149,527.46
Street Construction Assessments	<u>\$ 47,043.17</u>
Total Project Cost	\$ 196,570.63

The established individual assessment information has been reviewed by the City Assessor and includes corner lot benefits where applicable. According to the City Code, the City Assessor determines if corner lot benefits are granted. Associated costs are shown on the attached assessment maps. If this project is ordered, the assessment roll can be spread over a period of time. The number of years is based on the highest individual assessment amount that produces the longest period of time allowed for payment. Based on a schedule of assessments adopted by resolution on October 8, 2013, and on the highest individual assessments for this project, the number of annual installment periods will be ten.

TRW:sms

c: Dave Taylor, City Assessor
Andrew J. Wrozek, Jr., City Treasurer/Clerk
Troy R. White, P.E., Assistant City Engineer



Photo 1: Facing north from east lane, mid-block between Washington and Cortland



Photo 2: Facing south from Cortland



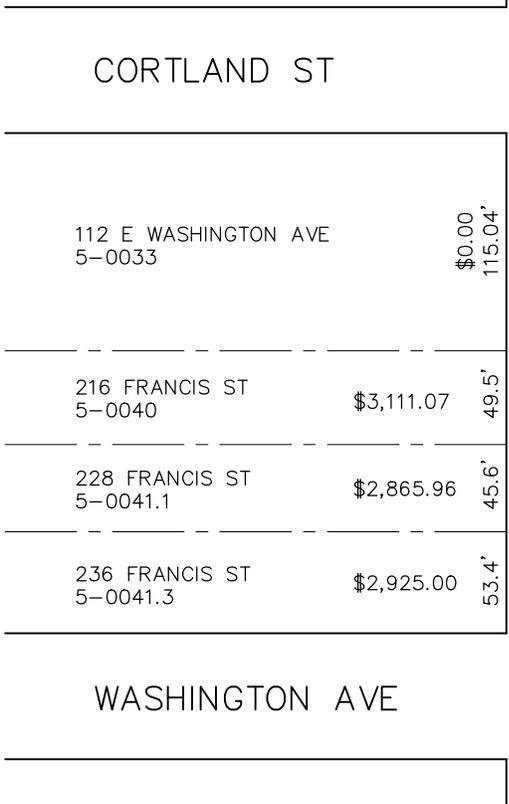
Photo 3: Facing north from north of Cortland (west lane)



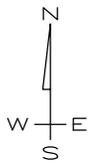
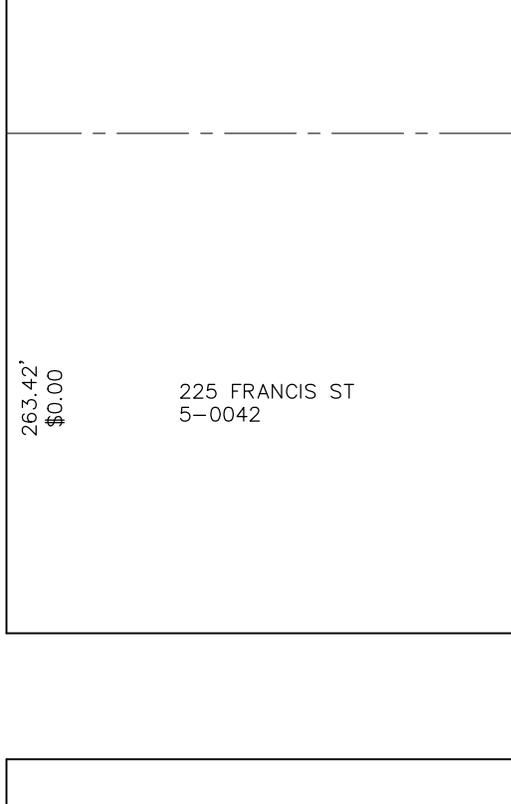
Photo 4: Facing south from south of Glick Highway



Photo 5: facing south from Glick Highway

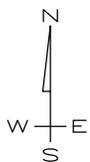
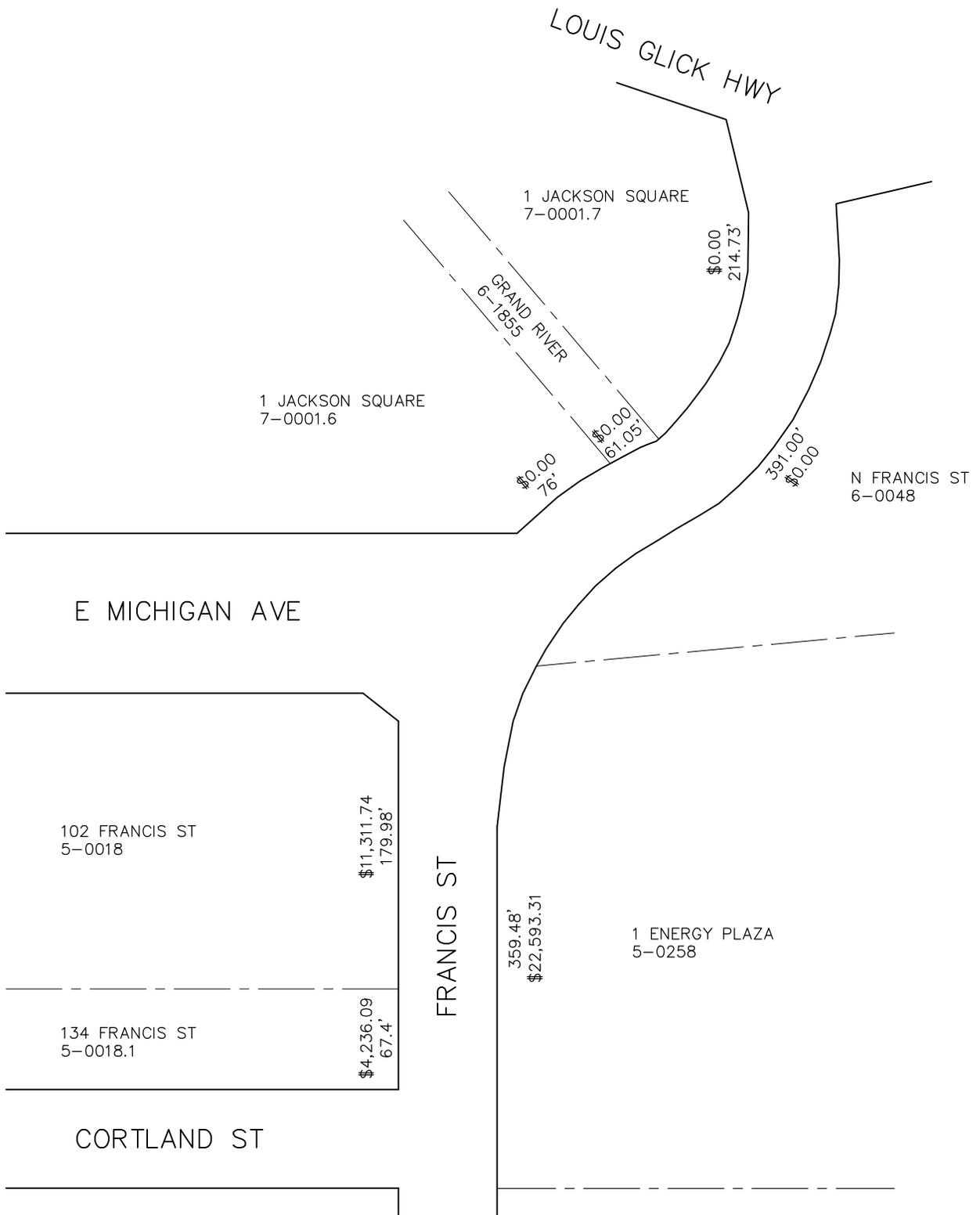


FRANCIS ST



SCALE:	1" = 100'
DATE:	01/12/2016
DRAWN BY:	DJD
CITY OF JACKSON DEPARTMENT OF ENGINEERING	

ASSESSMENT MAP FOR
FRANCIS STREET REPAVING
FROM WASHINGTON AVE TO LOUIS GLICK HWY
PAGE 1 OF 2



SCALE:	1" = 100'
DATE:	01/12/2016
DRAWN BY:	DJD
CITY OF JACKSON DEPARTMENT OF ENGINEERING	

ASSESSMENT MAP FOR
 FRANCIS STREET RECONSTRUCTION
 FROM WASHINGTON AVE TO LOUIS GLICK HWY
 PAGE 2 OF 2



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CITY COUNCIL MEETING January 26, 2016

TO: Honorable Mayor and City Councilmembers
FROM: Jon H. Dowling, P.E., City Engineer
SUBJECT: Engineer's Report for Mechanic Street Resurfacing - Washington Avenue to Glick Highway

RECOMMENDATION: Receive the Engineer's Report for street resurfacing on Mechanic Street from Washington Avenue to Glick Highway and establishment of February 9, 2016, at the City Council meeting as the time and place to hold a public hearing of necessity.

Engineering requests that City Council establish a public hearing of necessity to be held February 9, 2016 for street resurfacing on Mechanic Street from Washington Avenue to Glick Highway. This report is prepared for City Council per the Assessment Policy regarding the necessity of street construction.

Engineering records show that the subject segment of Mechanic Street received full-depth pavement reconstruction in 1967. The surface was milled and repaved with two courses of asphalt in 1999. Although the gutter pan is overlaid in most places, the condition of the curb head is good. However, the asphalt pavement shows signs of aging as longitudinal and lateral cracks at various locations indicate the start of block cracking. The attached photographs show the current street condition.

Engineering proposes to mill the street and resurface with asphalt. No utility improvements are included in the proposed project. However, curb, sidewalk, ramp and landscaping improvements will be made to add/improve bumpouts at the intersections at Washington, Cortland and Pearl to improve aesthetics, pedestrian safety, traffic calming and on-street parking protection. Estimated project costs and funding are as follows:

Major Street Funds	\$ 248,529.83
Street Construction Assessments	<u>\$ 165,046.44</u>
Total Project Cost	\$ 413,576.27

The established individual assessment information has been reviewed by the City Assessor and includes corner lot benefits where applicable. According to the City Code, the City Assessor determines if corner lot benefits are granted. Associated costs are shown on the attached assessment maps. If this project is ordered, the assessment roll can be spread over a period of time. The number of years is based on the highest individual assessment amount that produces the longest period of time allowed for payment. Based on a schedule of assessments adopted by resolution on October 8, 2013, and on the highest individual assessments for this project, the number of annual installment periods will be ten.

TRW:sms

c: Dave Taylor, City Assessor
Andrew J. Wrozek, Jr., City Treasurer/Clerk
Troy R. White, P.E., Assistant City Engineer



Photo 1: Facing north from Washington Ave



Photo 2: Facing north from Cortland Street



Photo 3: Facing north from north of Michigan Ave



Photo 4: Facing south from Pearl Street

W MICHIGAN AVE

101 W MICHIGAN 4-0041	\$6,075.00	100'
PRIVATE ALLEY - 12'		
120 W CORTLAND 4-0027	\$0.00	152'

99'	\$14,567.85	101 E MICHIGAN AVE 5-0001
		PRIVATE ALLEY - 12'
43.5'	\$1,822.50	129 S MECHANIC ST 5-0003.1
21.50'	\$3,163.72	131 S MECHANIC ST 5-0009
88'	\$12,949.20	135 S MECHANIC ST 5-0010

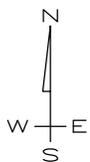
CORTLAND ST

200 S MECHANIC 4-0055	\$3,142.50	66'
212 S MECHANIC 4-0056	\$5,591.70	38'
218 S MECHANIC 4-0057	\$3,840.00	28'
224 S MECHANIC 4-0058	\$6,007.50	66'
100 W WASHINGTON AVE 4-0052	\$7,740.00	66'

S MECHANIC ST

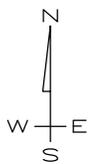
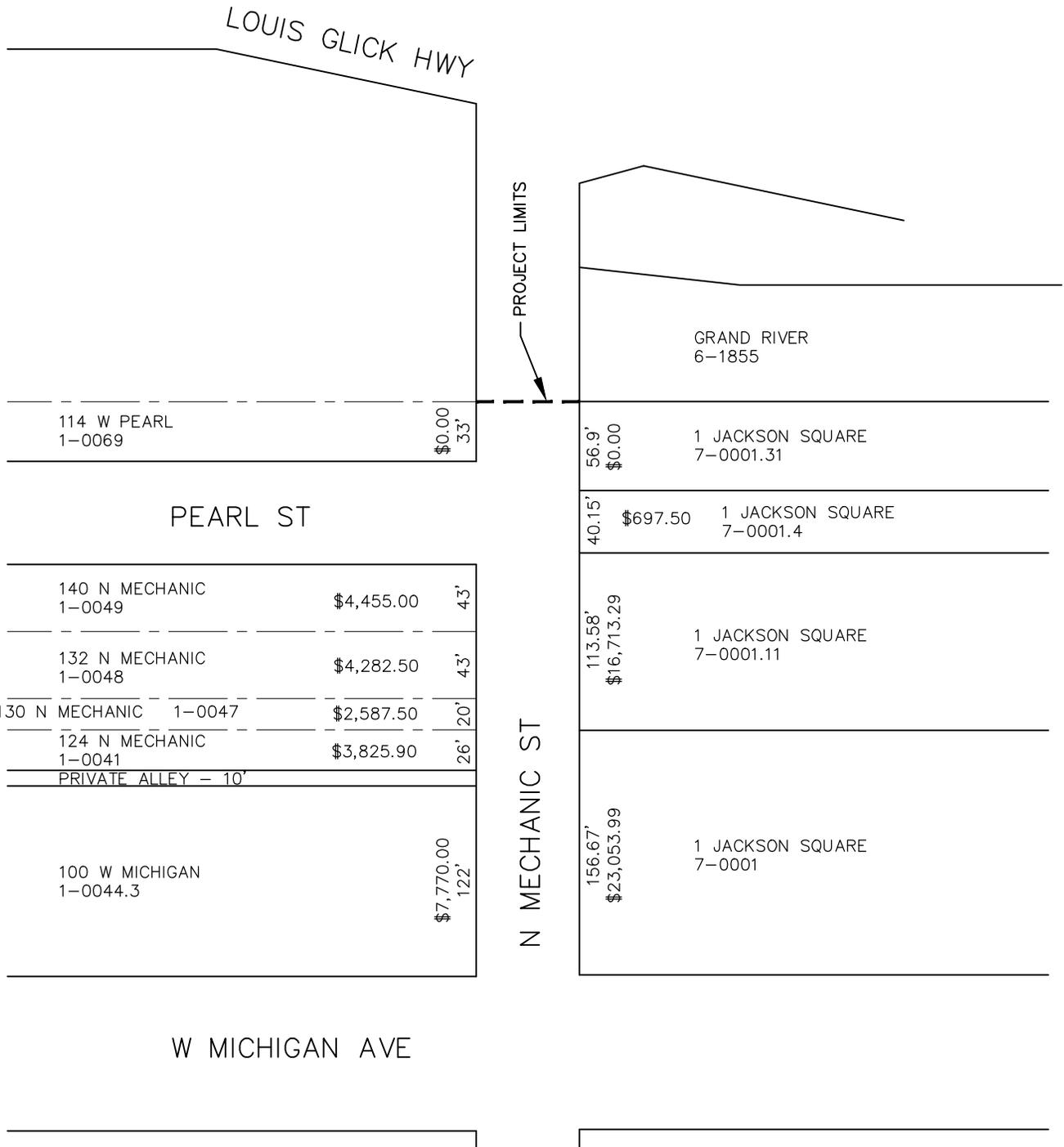
29.05'	\$4,274.70	201 S MECHANIC ST 5-0026
36.95'	\$3,667.50	209 S MECHANIC ST 5-0027.1
44'	\$6,157.50	215 S MECHANIC ST 5-0028
22'	\$3,237.30	223 S MECHANIC ST 5-0029
66'	\$9,711.90	227 S MECHANIC ST 5-0030
21.33'	\$3,138.70	241 S MECHANIC ST 5-0031
44.67'	\$6,573.19	100 E WASHINGTON AVE 5-0032

WASHINGTON AVE



SCALE:	1" = 100'
DATE:	01/12/2016
DRAWN BY:	DJD
CITY OF JACKSON DEPARTMENT OF ENGINEERING	

ASSESSMENT MAP FOR
MECHANIC STREET REPAVING
FROM WASHINGTON AVE TO LOUIS GLICK HWY
PAGE 1 OF 2



SCALE:	1" = 100'
DATE:	01/12/2016
DRAWN BY:	DJD
CITY OF JACKSON DEPARTMENT OF ENGINEERING	

ASSESSMENT MAP FOR
MECHANIC STREET REPAVING
FROM WASHINGTON AVE TO LOUIS GLICK HWY
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CITY COUNCIL MEETING January 26, 2016

TO: Honorable Mayor and City Councilmembers
FROM: Jon H. Dowling, P.E., City Engineer
SUBJECT: Engineer's Report for Jackson Street Resurfacing - Washington Avenue to Glick Highway

RECOMMENDATION: Receive the Engineer's Report for street resurfacing on Jackson Street from Washington Avenue to Glick Highway and establishment of February 9, 2016, at the City Council meeting as the time and place to hold a public hearing of necessity.

Engineering requests that City Council establish a public hearing of necessity to be held February 9, 2016 for street resurfacing on Jackson Street from Washington Avenue to Glick Highway. This report is prepared for City Council per the Assessment Policy regarding the necessity of street construction.

Engineering records do not show the exact year that the pavement on Jackson Street was originally constructed. However, a map dated 1919 shows that Jackson Street was paved at that time. The original brick street is still in place and serves as a base for the existing street. Engineering records do show that the surface of the subject segment of Jackson Street was milled and repaved with two courses of asphalt in 1996. The condition of the concrete curb and gutter is good. However, the asphalt pavement shows signs of aging. There is block cracking throughout with stress cracking in the wheel paths at various locations. A portion of the pavement between Michigan and Pearl was padded in 2014. The attached photographs show the current street condition.

Engineering proposes to mill the street and resurface with asphalt. No utility improvements are included in the proposed project. However, curb, sidewalk, ramp and landscaping improvements will be made to add/improve bumpouts at the intersections at Washington, Cortland, Pearl and Glick to improve aesthetics, pedestrian safety, traffic calming and on-street parking protection. Estimated project costs and funding are as follows:

Local Street Funds	\$ 367,858.94
Street Construction Assessments	<u>\$ 255,016.17</u>
Total Project Cost	\$ 622,875.11

The established individual assessment information has been reviewed by the City Assessor and includes corner lot benefits where applicable. According to the City Code, the City Assessor determines if corner lot benefits are granted. Associated costs are shown on the attached assessment maps. If this project is ordered, the assessment roll can be spread over a period of time. The number of years is based on the highest individual assessment amount that produces the longest period of time allowed for payment. Based on a schedule of assessments adopted by resolution on October 8, 2013 and on the highest individual assessments for this project, the number of annual installment periods will be ten.

TRW:sms

c: Dave Taylor, City Assessor
Andrew J. Wrozek, Jr., City Treasurer/Clerk
Troy R. White, P.E., Assistant City Engineer



Photo 1: Facing south from Cortland Street



Photo 2: Facing south from Michigan Avenue



Photo 3: Facing north from north of Michigan Ave



Photo 4: Facing north from Pearl Street

W MICHIGAN AVE

100 S JACKSON ST
4-0135

\$46,848.22
262'

S JACKSON ST

122'
\$8,985.00

171 W MICHIGAN AVE
4-0001

60'
\$8,370.00

141 S JACKSON ST
4-0009

82'
\$14,662.42

145 S JACKSON ST
4-0006

CORTLAND ST

200 S JACKSON ST
4-0161.1

\$11,050.45
61.8'

204 S JACKSON ST
4-0159 \$5,385.00 35'

208 S JACKSON ST
4-0160 \$4,827.87 27'

214 S JACKSON ST
4-0163.1

\$25,078.10
140.25'

S JACKSON ST

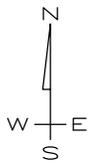
132'
\$19,875.00

201 S JACKSON ST
4-0044

132'
\$23,602.92

215 S JACKSON ST
4-0045

WASHINGTON AVE



SCALE: 1" = 100'

DATE: 01/12/2016

DRAWN BY: DJD

CITY OF JACKSON
DEPARTMENT OF
ENGINEERING

ASSESSMENT MAP FOR
JACKSON STREET REPAVING
FROM WASHINGTON AVE TO LOUIS GLICK HWY
PAGE 1 OF 2

LOUIS GLICK HWY

224 N JACKSON ST 1-0089		\$14,400.00 132'
212 N JACKSON ST 1-0087		\$4,500.00 63'
206 N JACKSON ST 1-0088	\$2,775.00	25'
202 N JACKSON ST 1-0086	\$2,175.00	44'

PEARL ST

120 N JACKSON ST 1-0078		\$12,000.00 132'
200 W MICHIGAN AVE 1-0077		\$0.00 132'

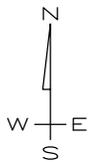
W MICHIGAN AVE

N JACKSON ST

88'	\$10,042.50	237 N JACKSON ST 1-0058
22'	\$3,720.00	233 N JACKSON ST 1-0057
44'	\$7,867.64	225 N JACKSON ST 1-0055
44'	\$4,762.50	217 N JACKSON ST 1-0054
33'	\$3,450.00	209 N JACKSON ST 1-0053
33'	\$4,965.00	201 N JACKSON ST 1-0050

N JACKSON ST

66'	\$6,120.00	137 N JACKSON ST 1-0011
43.61'	\$5,550.00	129 N JACKSON ST 1-0007.1
22.39'	\$4,003.55	125 N JACKSON ST 1-0007
20' ALLEY		
112'	\$0.00	192 W MICHIGAN AVE 1-0001



SCALE:	1" = 100'
DATE:	01/12/2016
DRAWN BY:	DJD
CITY OF JACKSON DEPARTMENT OF ENGINEERING	

ASSESSMENT MAP FOR
JACKSON STREET REPAVING
FROM WASHINGTON AVE TO LOUIS GLICK HWY
PAGE 2 OF 2



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CITY COUNCIL MEETING January 26, 2016

TO: Patrick Burtch, City Manager
FROM: Jennifer Morris, Director
SUBJECT: CDBG and HOME Financial Summaries through December 31, 2015

RECOMMENDATION

To accept and place on file the CDBG and HOME Financial Summaries through December, 2015.

Attached please find the Financial Summaries for the CDBG and HOME funds for the six months ended December, 2015.

Cc: Laurie Huff, Grant Coordinator

City of Jackson
Community Development Block Grant
Monthly Financial Summary
For the Six Months Ended December 31, 2015

	<u>Budgeted</u>	<u>Expended Prior Year</u>	<u>Actual Month-to-Date</u>	<u>Actual Year-to-Date</u>	<u>Total Funds Expended- to-Date</u>	<u>Balance</u>	<u>Percent Spent</u>
<u>Public Services</u>							
1 King Center Summer Program							
FY 2014/2015	45,000	29,905	-	15,095	45,000	-	100.0%
FY 2015/2016	35,000		-	31,242	31,242	3,758	89.3%
<u>Administration</u>							
2 Administration & Planning							
FY 2014/2015	139,000	7,615	7,713	20,982	28,597	110,403	20.6%
FY 2015/2016	166,500	-	-	-	-	166,500	0.0%
<u>Code Enforcement</u>							
3 City Code Enforcement - Inspection							
FY 2013/2014	258,220	212,320	-	45,900	258,220	-	100.0%
FY 2014/2015	131,500	-	10,497	39,737	39,737	91,763	30.2%
FY 2015/2016	46,000	-	-	-	-	46,000	0.0%
4 City Code Enforcement - Rehabilitation							
FY 2014/2015	172,000	70,810	6,267	66,675	137,485	34,515	79.9%
FY 2015/2016	89,000	-	-	-	-	89,000	0.0%
5 City Attorney Office							
FY 2012/2013	52,000	44,390	3,389	7,425	51,815	185	99.6%
FY 2013/2014	20,000	-	-	-	-	20,000	0.0%
<u>Housing Rehabilitation Projects</u>							
6 Homeowner Rehabilitation							
FY 2013/2014	221,358	177,427	-	(270)	177,157	44,201	80.0%
FY 2014/2015	77,284	-	-	-	-	77,284	0.0%
FY 2015/2016	98,886	-	-	-	-	98,886	0.0%
7 City Emergency Hazard Repair Program							
FY 2014/2015	150,000	92,769	(118)	53,094	145,863	4,137	97.2%
FY 2015/2016	150,000	-	-	-	-	150,000	0.0%

	<u>Budgeted</u>	<u>Expended Prior Year</u>	<u>Actual Month-to-Date</u>	<u>Actual Year-to-Date</u>	<u>Total Funds Expended- to-Date</u>	<u>Balance</u>	<u>Percent Spent</u>
8 City Residential Rental Rehabilitations	110,000	-	-	-	-	110,000	0.0%
9 John George Home	35,000	-	-	-	-	35,000	0.0%
10 City Rehab Administration (Denied Loans)							
FY 2014/2015	8,000	5,180	17	(1,033)	4,147	3,853	51.8%
FY 2015/2016	3,000	-	-	-	-	3,000	0.0%
<u>Street Projects</u>							
11 Hamilton (FY 2014/2015)	174,483	24,608	129,184	149,874	174,483	-	100.0%
12 VanBuren: Steward to Blackstone (FY 2014/2015)	303,017	28,472	153,554	274,544	303,017	-	100.0%
13 Edward & Winthrop (FY 2015/2016)	97,890	-	-	-	-	97,890	0.0%
14 Mechanic: Morrell to Washington (FY 2015/2016)	39,600	-	39,600	39,600	39,600	-	100.0%
<u>Other Projects</u>							
15 Tree Removal/Replacement (FY 2013/2014)	4,000	-	-	-	-	4,000	0.0%
16 Park Improvements							
FY 2014/2015	524,985	449,168	-	65,799	514,967	10,018	98.1%
FY 2015/2016	80,000	-	-	-	-	80,000	0.0%
<u>Public Improvements</u>							
17 Demolition - Neighborhood Economic Stabilization							
FY 2013/2014	155,000	155,000	108	(12,526)	142,474	12,526	91.9%
FY 2014/2015	185,000	165,746	(12,615)	(36,325)	129,421	55,579	70.0%
FY 2015/2016	320,000	-	-	-	-	320,000	0.0%
18 Residential Historic Preservation (2013/2014)	80,129	69,954	-	-	69,954	10,175	87.3%

NOTE: All funds are FY 2015/2016 allocations unless otherwise indicated

**City of Jackson
HOME
Monthly Financial Summary
For the Six Months Ended December 31, 2015**

	Budgeted	Total Prior Year Funds Expended	Actual Month-to-Date	Actual Year-to-Date	Total Funds Expended- to-Date	Balance	Percent Spent
1 Rehabilitation Assistance Program							
FY 2014/2015	413,346	283,055	60	130,291	413,346	-	100.0%
FY 2015/2016	187,129	-	(540)	141,911	141,911	45,218	75.8%
2 HOME Administration							
FY 2015/2016	24,000	-	-	-	-	24,000	0.0%
3 CAA - CHDO Operating Expenses							
FY 2012/2013	12,500	4,973	-	-	4,973	7,527	39.8%
FY 2013/2014	12,500	-	-	-	-	12,500	0.0%
4 CAA - CHDO Acq/Rehab/Resale							
FY 2013/2014	40,000	24,763	926	926	25,689	14,311	64.2%
FY 2014/2015	42,000	-	-	-	-	42,000	0.0%
FY 2015/2016	52,000	-	-	-	-	52,000	0.0%
5 City - Acq/Rehab/Resale							
FY 2013/2014	41,968	40,138	-	1,830	41,968	-	100.0%

CITY OF JACKSON



MICHIGAN

Office of Mayor
Bill Jors

161 W. Michigan Ave.
Jackson, MI 49201
Phone: (517) 788-4028
Facsimile (866) 384-1772

CITY COUNCIL MEETING January 26, 2016

MEMO TO: City Councilmembers
FROM: Bill Jors, Mayor 
DATE: January 20, 2016
SUBJECT: Income Tax Board of Review

RECOMMENDATION:

Approve the Mayor's recommendation to appoint Matt Swartzlander, Anthony Raduazo, and Irving French to the Income Tax Board of Review for a three-year term each, beginning February 1, 2016, and ending January 31, 2019.

In accordance with Section 91 of Ordinance 69-14 and the resolution of February 10, 1970, adopted by the City Council, three members are appointed by the City Council for three-year terms. All members must be City residents.

I am, therefore, recommending that the Council appoint Matt Swartzlander, Anthony Raduazo, and Irving French to the Income Tax Board of Review for a three-year term each, beginning February 1, 2016, and ending January 31, 2019.

BJ:skh

APP-CC



City of Jackson Board/Commission Application

Name: Anthony F. RADUAZO

Address: 2202 Cregdon Zip: 49203

Home Phone: 517-783-6041 Other Phone: 517-474-0404 Cell

e-mail address: Tredvazs@yaho.com Occupation: Attorney

Community Involvement/Activity

Zoning Board (City) County Historical Council
LOCC (City) County Emergency Services Council

Are you a registered voter? yes Ward? 6

Which Board or Commission(s) are you interested in?

- 1. _____
- 2. _____
- 3. _____



List additional information you feel may be pertinent to board or commission

I will serve in what ever
capacity the Mayor needs!

Feel free to attach any information. (Resume, press clippings)

APPLICATION WILL BE KEPT ON FILE FOR ONE YEAR

[Signature]
Signature of Applicant

1/21/16
Date



City of Jackson Board/Commission Application

Name: IRVING C. FRENCH

Address: 1015 OAKRIDGE DR Zip: 49203

Home Phone: 517-782-2334 Other Phone: 517-262-3822

e-mail address: irvcfrench@gmail.com Occupation: Commercial Realtor

Community Involvement/Activity

Jackson County Strategic Planning Committee

Are you a registered voter? Yes Ward? 6

Which Board or Commission(s) are you interested in?

1. Income Tax Committee
2. _____
3. _____

List additional information you feel may be pertinent to board or commission

Feel free to attach any information. (Resume, press clippings)

APPLICATION WILL BE KEPT ON FILE FOR ONE YEAR

Irving C. French
Signature of Applicant

1-21-16
Date



CITY OF JACKSON BOARD/COMMISSION APPLICATION

NAME: Matt Swartzlander

ADDRESS: 728 Jasper St ZIP: 49203

HOME PHONE: 517 262 0665 OTHER PHONE: _____

E-MAIL ADDRESS: Swartz22@gmail.com

OCCUPATION: Marketing and Event Coordinator - Jackson County Chamber of Commerce

COMMUNITY INVOLVEMENT

Boy Scout Troop 322

Marching Band Committee Jackson High

Historic District Commission

Board of Directors Midtown Association

Are you a registered voter? Yes Ward? 6

Which Board or Commission(s) are you interested in?

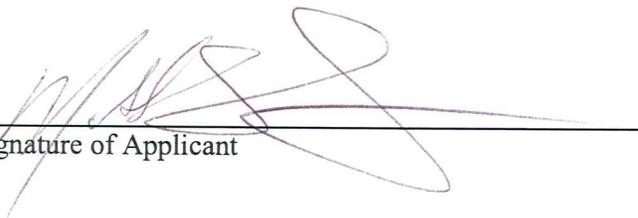
1. Income Tax Board 2. Civil Service Commission

3. _____

List additional information you feel may be pertinent to board or commission

Feel free to attach any information. (Resume, press clippings)

APPLICATION WILL BE KEPT ON FILE FOR ONE YEAR.


Signature of Applicant

1-14-16
Date



Neighborhood & Economic Operations

Building a Stronger Jackson

161 W. Michigan Avenue • Jackson, MI 49201-1303 • Facsimile (517) 780-4781

Building Inspection
(517) 788-4012

Code Enforcement
(517) 788-4060

Engineering
(517) 788-4160

Planning & Economic Development
(517) 768-6433

CITY COUNCIL MEETING

January 26, 2016

TO: Patrick Burch, City Manager

FROM: Jennifer Morris, Director 

SUBJECT: Public Hearing to Receive Citizen Comments for 2016-2017 Annual Action Plan

RECOMMENDATION

Conduct a Public Hearing to receive citizen input on the City's housing and community development needs specific to CDBG and HOME funding. All comments received will be incorporated into the 2016-2017 Annual Action Plan submitted to HUD in May 2016.

December 15, 2015, the Jackson City Council adopted the Timetable for 2016-2017 Community Development Block Grant (CDBG) and HOME Investment Partnerships Program (HOME) processes. As required by 24 CFR 91.105(e)(1) a Public Hearing was set on the date of January 26, 2016 to receive input on the City's housing and community development needs.

All comments received, both oral and written, will be incorporated into the City's 2016-2017 Annual Action Plan for submission to HUD in May 2016. No further action is required at this time.



Neighborhood & Economic Operations

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Engineering
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Planning & Economic Development
(517) 768-6433

CITY COUNCIL MEETING January 26, 2016

TO: Honorable Mayor and City Councilmembers
FROM: Jon H. Dowling, P.E., City Engineer
SUBJECT: Balancing Change Order 3 for 2015 Michigan Avenue Utility Replacement Contract

RECOMMENDATION: To approve Balancing Change Order 3 to the contract with Dunigan Brothers, Inc. in the decreased amount of \$292,427.54 to balance the contract quantities with the final quantities placed for original items, to add items that were necessary to complete the work in the field, and authorize the City Manager and City Engineer to execute the appropriate document.

On February 10, 2015, City Council approved the award of the 2015 Michigan Avenue Utility Replacement from Blackstone Street to Francis Street contract to Dunigan Brothers, Inc. of Jackson, Michigan in the amount of \$2,983,256.40. On March 24, 2015, City Council approved Change Order 1 to modify quantities for traffic control items. On September 8, 2015, City Council approved Interim Balancing Change Order 2 to balance contract quantities with quantities placed for items that had been completed to date. The current contract amount is \$2,924,778.22. This contract is funded with Water, Sewer and Local Street Funds.

The attached Balancing Change Order 3 is to balance the contract quantities for original items to match quantities placed in the field and to add items that were necessary to complete the work in the field.

This change order represents a decrease of \$292,427.54 bringing the current contract amount to \$2,632,350.68.

I request approval of Balancing Change Order 3 and authorization for the City Manager and the City Engineer to sign the document.

JHD/TRW:sms

C: Patrick H. Burtch, City Manager
Troy R. White, P.E., Assistant City Engineer
Andrew J. Wrozek, Jr., City Treasurer/Clerk
Phil Hones, Purchasing Agent
Shelly Allard, Purchasing Coordinator

BALANCING CHANGE ORDER NO. 3
To Contract for
2015 Michigan Avenue Utility Replacement from Blackstone Street to Francis Street
City of Jackson, Michigan

Notice is hereby given that the following additional information and changes shall become a part of the Contract Documents, Plans and Specifications of the above-named contract.

ORIGINAL CONTRACT AMOUNT	\$ 2,983,256.40
APPROVED CHANGE ORDER NO. 1	\$ 36,385.40
APPROVED CHANGE ORDER NO. 2	- \$ 94,863.58
CURRENT CONTRACT AMOUNT AS SET BY CHANGE ORDER NO. 2	\$ 2,924,778.22
CHANGE ORDER NO. 3	- \$ 292,427.54

Details of changes shown on the attached sheets

NEW CONTRACT AMOUNT AS SET BY CHANGE ORDER NO. 3	\$ 2,632,350.68
---	------------------------

REASON FOR CHANGE:

To balance the contract quantities for original items to match quantities placed in the field and to add items that were necessary to complete the work in the field.

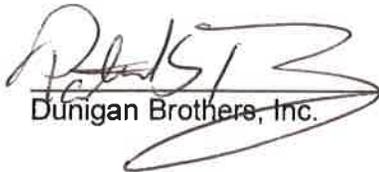
CONTRACT COMPLETION:

The contract completion time remains unchanged.



Prepared by Troy R. White, P.E.
Assistant City Engineer

ACCEPTED BY:


Dunigan Brothers, Inc.

11/5/16
Date

ACCEPTED BY:

Jon H. Dowling, P.E.
City Engineer

Date

ACCEPTED BY:

Patrick H. Burtch, City Manager

Date

MICHIGAN AVE UTILITY REPLACEMENT FROM MECHANIC ST TO FRANCIS ST

BALANCING CHANGE ORDER NUMBER 3

ADDITIONS AND SUBTRACTIONS: Quantities for Contract pay items shall be increased or decreased as follows:

Prop Line	Item Code	Item Description	Current Contract Quantity	Quantity Change	Final Quantity	Units	Unit Price	Amount	
								ADD	DEDUCT
0001	1500001	Mobilization, Max. ____	1.00	0.00	1.00	LS	\$ 71,000.00	\$ -	\$ -
0002	2030011	Dr Structure, Rem	44.00	8.00	52.00	Ea	\$ 550.00	\$ 4,400.00	\$ -
0003	2030015	Sewer, Rem, Less than 24 inch	1,294.00	-413.00	881.00	Ft	\$ 2.80	\$ -	\$ (1,156.40)
0004	2030016	Sewer, Rem, 24 inch to 48 inch	1,425.00	-233.00	1,192.00	Ft	\$ 3.90	\$ -	\$ (908.70)
0005	2037001	_ Conduit Bank, Rem	410.00	-410.00	0.00	Ft	\$ 8.50	\$ -	\$ (3,485.00)
0006	2040020	Curb and Gutter, Rem	4,282.00	148.00	4,430.00	Ft	\$ 4.40	\$ 651.20	\$ -
0007	2040045	Masonry and Conc Structure, Rem	8.00	20.50	28.50	Cyd	\$ 137.50	\$ 2,818.75	\$ -
0008	2040055	Sidewalk, Rem	3,078.00	-993.00	2,085.00	Syd	\$ 3.30	\$ -	\$ (3,276.90)
0009	2040080	Vertical Exploratory Investigation	46.00	-46.00	0.00	Ft	\$ 55.00	\$ -	\$ (2,530.00)
0010	2047001	_ Pavt Sawcut	4,689.00	-3,790.00	899.00	Ft	\$ 1.70	\$ -	\$ (6,443.00)
0011	2047011	_ Driveway, Rem	80.00	-80.00	0.00	Syd	\$ 3.30	\$ -	\$ (264.00)
0012	2047011	_ Pavt, Rem, Modified	2,048.00	-679.00	1,369.00	Syd	\$ 11.00	\$ -	\$ (7,469.00)
0013	2047021	_ Track Base, Rem	38.00	0.00	38.00	Cyd	\$ 60.50	\$ -	\$ -
0014	2050018	Excavation, Rock	22.00	-22.00	0.00	Cyd	\$ 121.00	\$ -	\$ (2,662.00)
0015	2050031	Non Haz Contam Mat'l Handling & Disp, LM	0.00	0.00	0.00	Cyd	\$ 36.30	\$ -	\$ -
0016	2057002	_ Roadway Grading, Special	22.00	-1.20	20.80	Sta	\$ 3,300.00	\$ -	\$ (3,960.00)
0017	2057021	_ Excavation, Frozen Soil	414.00	-414.00	0.00	Cyd	\$ 66.00	\$ -	\$ (27,324.00)
0018	2057021	_ Flowable Fill, Non-Structural	29.00	-13.00	16.00	Cyd	\$ 176.00	\$ -	\$ (2,288.00)
0019	2057050	_ Frost Law Trip Premium	102.00	-102.00	0.00	Ea	\$ 192.50	\$ -	\$ (19,635.00)
0020	2080016	Erosion Control, Gravel Access Approach	8.00	-8.00	0.00	Ea	\$ 2,200.00	\$ -	\$ (17,600.00)
0021	2087050	_ Erosion Control, Inlet Protection, Grate Filter, Rd	68.00	-21.00	47.00	Ea	\$ 110.00	\$ -	\$ (2,310.00)
0022	2087050	_ Erosion Control, Inlet Protection, Grate Filter, Rd	1.00	-1.00	0.00	Ea	\$ 110.00	\$ -	\$ (110.00)
0023	2087050	_ Erosion Control, Inlet Protection, Sediment Trap	15.00	-15.00	0.00	Ea	\$ 137.50	\$ -	\$ (2,062.50)
0024	2087050	_ Erosion Control, Inlet Protection, Sediment Trap	4.00	-4.00	0.00	Ea	\$ 137.50	\$ -	\$ (550.00)
0025	2090001	Project Cleanup	1.00	0.00	1.00	LS	\$ 27,500.00	\$ -	\$ -
0026	3020020	Aggregate Base, 8 inch	13,188.00	-1,468.00	11,720.00	Syd	\$ 7.70	\$ -	\$ (11,303.60)
0027	3060005	Aggregate Surface Cse	772.00	-662.00	110.00	Cyd	\$ 35.20	\$ -	\$ (23,302.40)
0028	3060010	Aggregate Surface Cse, 6 inch	5,517.00	-5,517.00	0.00	Syd	\$ 7.40	\$ -	\$ (40,825.80)
0029	3067011	_ Aggregate Surface Cse, 4 inch	1,237.00	-1,237.00	0.00	Syd	\$ 6.60	\$ -	\$ (8,164.20)
0030	4021200	Sewer Tap, 4 inch	1.00	0.00	1.00	Ea	\$ 302.50	\$ -	\$ -
0031	4021201	Sewer Tap, 6 inch	1.00	-1.00	0.00	Ea	\$ 330.00	\$ -	\$ (330.00)
0032	4021202	Sewer Tap, 8 inch	3.00	3.00	6.00	Ea	\$ 357.50	\$ 1,072.50	\$ -
0033	4021205	Sewer Tap, 15 inch	1.00	0.00	1.00	Ea	\$ 841.50	\$ -	\$ -
0034	4021207	Sewer Tap, 24 inch	1.00	1.00	2.00	Ea	\$ 1,512.50	\$ 1,512.50	\$ -
0035	4021231	Sewer Bulkhead, 15 inch	5.00	-4.00	1.00	Ea	\$ 550.00	\$ -	\$ (2,200.00)
0036	4021232	Sewer Bulkhead, 18 inch	1.00	2.00	3.00	Ea	\$ 825.00	\$ 1,650.00	\$ -
0037	4021260	Trench Undercut and Backfill	44.00	-44.00	0.00	Cyd	\$ 25.30	\$ -	\$ (1,113.20)
0038	4021275	Video Taping Sewer and Culv Pipe	400.00	-400.00	0.00	Ft	\$ 2.20	\$ -	\$ (880.00)
0039	4027001	_ Sewer Backfill, Class II	1,400.00	369.00	1,769.00	Ft	\$ 7.00	\$ 2,583.00	\$ -
0040	4027001	_ Sewer, CI E, 12 inch	15.00	-11.00	4.00	Ft	\$ 75.70	\$ -	\$ (832.70)
0041	4027001	_ Sewer, CI E, 15 inch	121.00	47.00	168.00	Ft	\$ 77.90	\$ 3,661.30	\$ -
0042	4027001	_ Sewer, CI E, 18 inch	22.00	184.00	206.00	Ft	\$ 82.90	\$ 15,253.60	\$ -
0043	4027001	_ Sewer, DI, 12 inch	15.00	106.00	121.00	Ft	\$ 82.80	\$ 8,776.80	\$ -
0044	4027001	_ Sewer, DI, 6 inch	70.00	-9.00	61.00	Ft	\$ 71.70	\$ -	\$ (645.30)
0045	4027001	_ Sewer, DI, 8 inch	1,005.00	302.00	1,307.00	Ft	\$ 95.60	\$ 28,871.20	\$ -
0046	4027001	_ Sewer, HDPE, DR17, 8 inch, Dir Bore	174.00	-1.00	173.00	Ft	\$ 95.70	\$ -	\$ (95.70)
0047	4027050	_ Sewer Lateral Repair	10.00	-10.00	0.00	Ea	\$ 1,100.00	\$ -	\$ (11,000.00)

MICHIGAN AVE UTILITY REPLACEMENT FROM MECHANIC ST TO FRANCIS ST

BALANCING CHANGE ORDER NUMBER 3

ADDITIONS AND SUBTRACTIONS: Quantities for Contract pay items shall be increased or decreased as follows:

Prop Line	Item Code	Item Description	Current Contract Quantity	Quantity Change	Final Quantity	Units	Unit Price	Amount	
								ADD	DEDUCT
0048	4030005	Dr Structure Cover, Adj, Case 1	64.00	-6.00	58.00	Ea	\$ 385.00	\$ -	\$ (2,310.00)
0049	4030280	Dr Structure, Adj, Add Depth	6.00	-6.00	0.00	Ft	\$ 385.00	\$ -	\$ (2,310.00)
0050	4030306	Dr Structure, Tap, 6 inch	1.00	0.00	1.00	Ea	\$ 385.00	\$ -	\$ -
0051	4030308	Dr Structure, Tap, 8 inch	17.00	-3.00	14.00	Ea	\$ 550.00	\$ -	\$ (1,650.00)
0052	4030312	Dr Structure, Tap, 12 inch	1.00	1.00	2.00	Ea	\$ 715.00	\$ 715.00	\$ -
0053	4030318	Dr Structure, Tap, 18 inch	1.00	1.00	2.00	Ea	\$ 825.00	\$ 825.00	\$ -
0054	4037001	_ Storm Manhole, Add Depth of 48 inch dia, 8 feet	2.00	0.00	2.00	Ft	\$ 132.00	\$ -	\$ -
0055	4037050	_ Catch Basin Cover, Curb	29.00	1.00	30.00	Ea	\$ 495.60	\$ 495.60	\$ -
0056	4037050	_ Catch Basin Cover, Drive	1.00	8.00	9.00	Ea	\$ 522.50	\$ 4,180.00	\$ -
0057	4037050	_ Catch Basin, 24 inch dia	37.00	0.00	37.00	Ea	\$ 935.00	\$ -	\$ -
0058	4037050	_ Catch Basin, 48 inch dia	1.00	0.00	1.00	Ea	\$ 1,815.00	\$ -	\$ -
0059	4037050	_ Dr Structure, Temp Lowering, Modified	41.00	-30.00	11.00	Ea	\$ 385.00	\$ -	\$ (11,550.00)
0060	4037050	_ Mh Cover, Short	3.00	-1.00	2.00	Ea	\$ 291.50	\$ -	\$ (291.50)
0061	4037050	_ Mh Cover, Std	63.00	-21.00	42.00	Ea	\$ 308.00	\$ -	\$ (6,468.00)
0062	4037050	_ Storm Manhole, 48 inch dia	1.00	6.00	7.00	Ea	\$ 1,705.00	\$ 10,230.00	\$ -
0063	4040061	Underdrain, Subbase, 4 inch	122.00	-92.00	30.00	Ft	\$ 6.60	\$ -	\$ (607.20)
0064	5010025	Hand Patching	51.00	36.47	87.47	Ton	\$ 115.50	\$ 4,212.29	\$ -
0065	5010033	HMA, 13A	4,473.00	-256.04	4,216.96	Ton	\$ 72.50	\$ -	\$ (18,562.90)
0066	5017011	_ HMA Surface, Rem, Modified	9,990.00	-1,693.00	8,297.00	Syd	\$ 6.60	\$ -	\$ (11,173.80)
0067	5017031	_ HMA, Unit Price Adjustment for Second Season	1,820.00	-1,820.00	0.00	Ton	\$ 2.90	\$ -	\$ (5,278.00)
0068	6030005	Cement	3.00	-3.00	0.00	Ton	\$ 220.00	\$ -	\$ (660.00)
0069	7060011	Conc, Grade S2	81.00	-74.50	6.50	Cyd	\$ 137.50	\$ -	\$ (10,243.75)
0070	7060092	Reinforcement, Steel, Epoxy Coated	218.00	42.00	260.00	Lb	\$ 5.50	\$ 231.00	\$ -
0071	8010007	Driveway, Nonreinf Conc, 8 inch	229.00	-5.00	224.00	Syd	\$ 52.00	\$ -	\$ (260.00)
0072	8020038	Curb and Gutter, Conc, Det F4	5,413.00	-707.00	4,706.00	Ft	\$ 14.50	\$ -	\$ (10,251.50)
0073	8027001	_ Curb, Conc, Det E1, Modified	150.00	-73.00	77.00	Ft	\$ 24.20	\$ -	\$ (1,766.60)
0074	8030043	Sidewalk, Conc, 3 inch	8,627.00	-6,513.00	2,114.00	Sft	\$ 2.90	\$ -	\$ (18,887.70)
0075	8030044	Sidewalk, Conc, 4 inch	300.00	-300.00	0.00	Sft	\$ 4.20	\$ -	\$ (1,260.00)
0076	8030046	Sidewalk, Conc, 6 inch	300.00	-300.00	0.00	Sft	\$ 5.10	\$ -	\$ (1,530.00)
0077	8080007	Fence, Protective	4,523.00	-1,307.00	3,216.00	Ft	\$ 6.10	\$ -	\$ (7,972.70)
0078	8100403	Sign, Type III, Rem	1.00	-1.00	0.00	Ea	\$ 660.00	\$ -	\$ (660.00)
0079	8100510	Mast Arm Pole, Cat I	8.00	-1.00	7.00	Ea	\$ 7,150.00	\$ -	\$ (7,150.00)
0080	8100522	Mast Arm, 30 foot, Cat I	1.00	0.00	1.00	Ea	\$ 6,600.00	\$ -	\$ -
0081	8100524	Mast Arm, 40 foot, Cat I	5.00	0.00	5.00	Ea	\$ 9,900.00	\$ -	\$ -
0082	8100525	Mast Arm, 45 foot, Cat I	1.00	0.00	1.00	Ea	\$ 10,175.00	\$ -	\$ -
0083	8100550	Mast Arm Pole Fdn, 6 Bolt	128.00	3.00	131.00	Ft	\$ 440.00	\$ 1,320.00	\$ -
0084	8110041	Pavt Mrkg, Ovly Cold Plastic, 12",X-Walk	955.00	690.00	1,645.00	Ft	\$ 6.10	\$ 4,209.00	\$ -
0085	8110045	Pavt Mrkg,Ovly Cold Plastic,24",Stop Bar	187.00	55.00	242.00	Ft	\$ 12.10	\$ 665.50	\$ -
0086	8110063	Pavt Mrkg,Ovly Cold Plastic,Lt Tn Ar Sym	7.00	-1.00	6.00	Ea	\$ 137.50	\$ -	\$ (137.50)
0087	8110068	Pavt Mrkg, Ovly Cold Plastic, Only	9.00	-2.00	7.00	Ea	\$ 148.50	\$ -	\$ (297.00)
0088	8110071	Pavt Mrkg,Ovly Cold Plastic,Rt Tn Ar Sym	2.00	-1.00	1.00	Ea	\$ 137.50	\$ -	\$ (137.50)
0089	8110231	Pavt Mrkg, Waterborne, 4 inch, White	6,382.00	-2,972.00	3,410.00	Ft	\$ 0.60	\$ -	\$ (1,783.20)
0090	8110232	Pavt Mrkg, Waterborne, 4 inch, Yellow	4,046.00	72.00	4,118.00	Ft	\$ 0.30	\$ 21.60	\$ -
0091	8110236	Pavt Mrkg, Waterborne, 8 inch, Yellow	3,739.00	-3,739.00	0.00	Ft	\$ 0.20	\$ -	\$ (747.80)
0092	8110252	Pavt Mrkg,Waterborne,2nd Appl,4",Yellow	3,896.00	400.00	4,296.00	Ft	\$ 0.10	\$ 40.00	\$ -
0093	8117050	_ Pavt Mrkg, Ovly Cold Plastic, Yield Triangle	41.00	19.00	60.00	Ea	\$ 104.50	\$ 1,985.50	\$ -
0094	8120012	Barr,Typelll,HighInten,DbISided,Ltd,Furn	46.00	0.00	46.00	Ea	\$ 88.00	\$ -	\$ -

MICHIGAN AVE UTILITY REPLACEMENT FROM MECHANIC ST TO FRANCIS ST

BALANCING CHANGE ORDER NUMBER 3

ADDITIONS AND SUBTRACTIONS: Quantities for Contract pay items shall be increased or decreased as follows:

Prop Line	Item Code	Item Description	Current Contract Quantity	Quantity Change	Final Quantity	Units	Unit Price	Amount	
								ADD	DEDUCT
0095	8120013	Barr,TypeIII,HighInten,DbISided,Ltd,Oper	46.00	0.00	46.00	Ea	\$ 5.50	\$ -	\$ -
0096	8120100	Dust Palliative, Applied	6.00	-6.00	0.00	Ton	\$ 137.50	\$ -	\$ (825.00)
0097	8120140	Lighted Arrow, Type C, Furn	1.00	1.00	2.00	Ea	\$ 742.50	\$ 742.50	\$ -
0098	8120141	Lighted Arrow, Type C, Oper	1.00	1.00	2.00	Ea	\$ 55.00	\$ 55.00	\$ -
0099	8120170	Minor Traf Devices	1.00	0.00	1.00	LS	\$ 19,140.00	\$ -	\$ -
0100	8120210	Pavt Mrkg, Longit, 6"or Less Width, Rem	300.00	-300.00	0.00	Ft	\$ 0.80	\$ -	\$ (240.00)
0101	8120211	Pavt Mrkg, Longit, Greater 6" Width, Rem	60.00	-60.00	0.00	Ft	\$ 0.80	\$ -	\$ (48.00)
0102	8120240	Pavt Mrkg, Type R, 4 inch, White, Temp	120.00	-120.00	0.00	Ft	\$ 1.00	\$ -	\$ (120.00)
0103	8120241	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	80.00	-80.00	0.00	Ft	\$ 1.00	\$ -	\$ (80.00)
0104	8120250	Plastic Drum, High Intensity, Furn	310.00	0.00	310.00	Ea	\$ 18.70	\$ -	\$ -
0105	8120251	Plastic Drum, High Intensity, Oper	310.00	0.00	310.00	Ea	\$ 2.20	\$ -	\$ -
0106	8120350	Sign, Type B, Temp, Prismatic, Furn	584.00	0.00	584.00	Sft	\$ 4.70	\$ -	\$ -
0107	8120351	Sign, Type B, Temp, Prismatic, Oper	584.00	0.00	584.00	Sft	\$ 0.60	\$ -	\$ -
0108	8120352	Sign,TypeB,Temp,Prismatic,Special, Furn	144.00	0.00	144.00	Sft	\$ 5.50	\$ -	\$ -
0109	8120353	Sign,TypeB,Temp,Prismatic,Special, Oper	144.00	0.00	144.00	Sft	\$ 0.60	\$ -	\$ -
0110	8120370	Traffic Regulator Control	1.00	0.00	1.00	LS	\$ 22,000.00	\$ -	\$ -
0111	8160027	Mulch Blanket	50.00	-50.00	0.00	Syd	\$ 3.30	\$ -	\$ (165.00)
0112	8167040	_ Dozer with Operator	102.00	-102.00	0.00	Hr	\$ 165.00	\$ -	\$ (16,830.00)
0113	8167040	_ Laborer/Grade Checker	134.00	-134.00	0.00	Hr	\$ 82.50	\$ -	\$ (11,055.00)
0114	8167040	_ Roller with Operator	64.00	-64.00	0.00	Hr	\$ 143.00	\$ -	\$ (9,152.00)
0115	8190027	Conduit, DB, 1, 1 1/2 inch	160.00	-8.00	152.00	Ft	\$ 8.80	\$ -	\$ (70.40)
0116	8190029	Conduit, DB, 1, 3 inch	190.00	2.00	192.00	Ft	\$ 11.00	\$ 22.00	\$ -
0117	8190032	Conduit, DB, 2, 3 inch	310.00	1.00	311.00	Ft	\$ 17.60	\$ 17.60	\$ -
0118	8190035	Conduit, DB, 3, 3 inch	75.00	-24.00	51.00	Ft	\$ 19.80	\$ -	\$ (475.20)
0119	8190038	Conduit, DB, 4, 3 inch	20.00	-3.00	17.00	Ft	\$ 38.50	\$ -	\$ (115.50)
0120	8190140	Conduit, Rem	130.00	-130.00	0.00	Ft	\$ 2.20	\$ -	\$ (286.00)
0121	8190244	Hh, Adj	3.00	-2.00	1.00	Ea	\$ 220.00	\$ -	\$ (440.00)
0122	8190254	Hh, Rem	10.00	-3.00	7.00	Ea	\$ 165.00	\$ -	\$ (495.00)
0123	8190259	Hh, Round, 3 foot Dia.	2.00	0.00	2.00	Ea	\$ 2,200.00	\$ -	\$ -
0124	8190260	Hh, Round	9.00	0.00	9.00	Ea	\$ 935.00	\$ -	\$ -
0125	8190399	Cable, Sec, 600V, 1, 3/C#6	750.00	-410.00	340.00	Ft	\$ 4.40	\$ -	\$ (1,804.00)
0126	8190604	Conduit, Directional Bore, 2, 3 inch	60.00	4.00	64.00	Ft	\$ 35.20	\$ 140.80	\$ -
0127	8200020	Case Sign, Rem	1.00	0.00	1.00	Ea	\$ 110.00	\$ -	\$ -
0128	8200027	Conduit Repr, Under Pavt	20.00	-20.00	0.00	Ft	\$ 6.60	\$ -	\$ (132.00)
0129	8200028	Conduit Repr, Under Sidewalk or Earth	20.00	-20.00	0.00	Ft	\$ 6.60	\$ -	\$ (132.00)
0130	8200029	Case Sign (LED), One Way, 24 in by 30 in	7.00	0.00	7.00	Ea	\$ 2,200.00	\$ -	\$ -
0131	8200030	Controller and Cabinet, Rem	3.00	0.00	3.00	Ea	\$ 110.00	\$ -	\$ -
0132	8200031	Controller and Cabinet, Digital Type	2.00	0.00	2.00	Ea	\$ 19,800.00	\$ -	\$ -
0133	8200045	Controller Fdn, Base Mount	2.00	0.00	2.00	Ea	\$ 1,430.00	\$ -	\$ -
0134	8200065	Fdn, Rem	2.00	2.00	4.00	Ea	\$ 440.00	\$ 880.00	\$ -
0135	8200100	Pedestal, Alum	4.00	0.00	4.00	Ea	\$ 770.00	\$ -	\$ -
0136	8200105	Pedestal, Fdn	4.00	0.00	4.00	Ea	\$ 770.00	\$ -	\$ -
0137	8200106	Pedestal Fdn, Rem	5.00	0.00	5.00	Ea	\$ 220.00	\$ -	\$ -
0138	8200110	Pedestal, Rem	5.00	-1.00	4.00	Ea	\$ 82.50	\$ -	\$ (82.50)
0139	8200116	Power Co. (Est. Cost to Contractor)	4,500.00	-4,500.00	0.00	Dlr	\$ 1.00	\$ -	\$ (4,500.00)
0140	8200135	Serv Disconnect	3.00	0.00	3.00	Ea	\$ 990.00	\$ -	\$ -
0141	8200136	Serv Disconnect, Rem	2.00	0.00	2.00	Ea	\$ 110.00	\$ -	\$ -

MICHIGAN AVE UTILITY REPLACEMENT FROM MECHANIC ST TO FRANCIS ST

BALANCING CHANGE ORDER NUMBER 3

ADDITIONS AND SUBTRACTIONS: Quantities for Contract pay items shall be increased or decreased as follows:

Prop Line	Item Code	Item Description	Current Contract Quantity	Quantity Change	Final Quantity	Units	Unit Price	Amount	
								ADD	DEDUCT
0142	8200141	Span Wire, Rem	3.00	-1.00	2.00	Ea	\$ 165.00	\$ -	\$ (165.00)
0143	8200145	Steel Pole, Rem	2.00	0.00	2.00	Ea	\$ 275.00	\$ -	\$ -
0144	8200146	Steel Pole, Rem (Embedded)	5.00	1.00	6.00	Ea	\$ 440.00	\$ 440.00	\$ -
0145	8200175	TS, Bracket Arm Mtd, Rem	1.00	1.00	2.00	Ea	\$ 110.00	\$ 110.00	\$ -
0146	8200179	TS, Pedestal Mtd, Rem	1.00	0.00	1.00	Ea	\$ 110.00	\$ -	\$ -
0147	8200180	TS, Pedestrian, Bracket Arm Mtd, Rem	4.00	-2.00	2.00	Ea	\$ 110.00	\$ -	\$ (220.00)
0148	8200181	TS, Pedestrian, Pedestal Mtd, Rem	5.00	-1.00	4.00	Ea	\$ 110.00	\$ -	\$ (110.00)
0149	8200182	TS, Span Wire Mtd, Rem	5.00	-3.00	2.00	Ea	\$ 110.00	\$ -	\$ (330.00)
0150	8200333	TS, One Way Bracket Arm Mtd (LED)	3.00	0.00	3.00	Ea	\$ 935.00	\$ -	\$ -
0151	8200336	TS, Ped,One Way Bracket Arm Mtd (LED) CD	2.00	0.00	2.00	Ea	\$ 935.00	\$ -	\$ -
0152	8200339	TS, Ped,Two Way Bracket Arm Mtd (LED) CD	4.00	0.00	4.00	Ea	\$ 1,430.00	\$ -	\$ -
0153	8200340	TS, One Way Pedestal Mtd (LED)	1.00	0.00	1.00	Ea	\$ 935.00	\$ -	\$ -
0154	8200345	TS, Ped, One Way Pedestal Mtd (LED) CD	4.00	0.00	4.00	Ea	\$ 935.00	\$ -	\$ -
0155	8200359	TS, One Way Mast Arm Mtd (LED)	16.00	0.00	16.00	Ea	\$ 990.00	\$ -	\$ -
0156	8200480	Casing	100.00	-3.00	97.00	Ft	\$ 137.50	\$ -	\$ (412.50)
0157	8207050	_ Cantilever Arm, 10 foot	4.00	-4.00	0.00	Ea	\$ 1,320.00	\$ -	\$ (5,280.00)
0158	8207050	_ St Name Sign, One Way, (LED), 6 foot	1.00	0.00	1.00	Ea	\$ 2,750.00	\$ -	\$ -
0159	8207050	_ St Name Sign, Two Way, (LED), 6 foot	2.00	0.00	2.00	Ea	\$ 3,850.00	\$ -	\$ -
0160	8207050	_ St Name Sign, Two Way, (LED), 8 foot	8.00	0.00	8.00	Ea	\$ 4,400.00	\$ -	\$ -
0161	8210001	Monument Box	2.00	-2.00	0.00	Ea	\$ 275.00	\$ -	\$ (550.00)
0162	8210010	Monument Preservation	2.00	-2.00	0.00	Ea	\$ 275.00	\$ -	\$ (550.00)
0163	8230391	Gate Box, Adj, Temp, Case 1	30.00	-30.00	0.00	Ea	\$ 220.00	\$ -	\$ (6,600.00)
0164	8230431	Gate Box, Adj, Case 1	27.00	13.00	40.00	Ea	\$ 220.00	\$ 2,860.00	\$ -
0165	8237001	_ Hydrant Extension	6.00	-0.50	5.50	Ft	\$ 513.70	\$ -	\$ (256.85)
0166	8237001	_ Water Main Backfill, Class II	2,958.00	-17.00	2,941.00	Ft	\$ 10.40	\$ -	\$ (176.80)
0167	8237001	_ Water Main, 12 inch	1,872.00	-81.00	1,791.00	Ft	\$ 97.40	\$ -	\$ (7,889.40)
0168	8237001	_ Water Main, 4 inch	315.00	-67.00	248.00	Ft	\$ 78.50	\$ -	\$ (5,259.50)
0169	8237001	_ Water Main, 6 inch	398.00	-27.00	371.00	Ft	\$ 74.40	\$ -	\$ (2,008.80)
0170	8237001	_ Water Main, 8 inch	373.00	100.00	473.00	Ft	\$ 78.80	\$ 7,880.00	\$ -
0171	8237001	_ Water Service Pipe, CU, 1 inch	40.00	82.00	122.00	Ft	\$ 65.00	\$ 5,330.00	\$ -
0172	8237001	_ Water Service Pipe, Cu, 1-1/2 inch	2.00	91.00	93.00	Ft	\$ 137.50	\$ 12,512.50	\$ -
0173	8237001	_ Water Service Pipe, Cu, 2 inch	1.00	4.00	5.00	Ft	\$ 287.10	\$ 1,148.40	\$ -
0174	8237001	_ Water Service Pipe, DI, 4 inch	34.00	-21.00	13.00	Ft	\$ 61.70	\$ -	\$ (1,295.70)
0175	8237001	_ Water Service Pipe, DI, 6 inch	68.00	78.00	146.00	Ft	\$ 60.00	\$ 4,680.00	\$ -
0176	8237001	_ Water Service Pipe, DI, 8 inch	20.00	94.00	114.00	Ft	\$ 61.70	\$ 5,799.80	\$ -
0177	8237050	_ Electrical Permit Acquisition and Compliance	13.00	-8.00	5.00	Ea	\$ 165.00	\$ -	\$ (1,320.00)
0178	8237050	_ Gate Valve and Box, 12 inch, Modified	7.00	-2.00	5.00	Ea	\$ 2,161.50	\$ -	\$ (4,323.00)
0179	8237050	_ Gate Valve and Box, 4 inch, Modified	8.00	-1.00	7.00	Ea	\$ 716.10	\$ -	\$ (716.10)
0180	8237050	_ Gate Valve and Box, 6 inch, Modified	8.00	0.00	8.00	Ea	\$ 836.00	\$ -	\$ -
0181	8237050	_ Gate Valve and Box, 8 inch Modified	7.00	2.00	9.00	Ea	\$ 1,184.70	\$ 2,369.40	\$ -
0182	8237050	_ Grounding Conductor, Temporary Disconnect	13.00	-9.00	4.00	Ea	\$ 220.00	\$ -	\$ (1,980.00)
0183	8237050	_ Hydrant Assembly, 6 foot bury	6.00	0.00	6.00	Ea	\$ 4,675.00	\$ -	\$ -
0184	8237050	_ Hydrant, Rem, Modified	5.00	0.00	5.00	Ea	\$ 385.00	\$ -	\$ -
0185	8237050	_ Plumbing Permit Acquisition and Compliance	13.00	2.00	15.00	Ea	\$ 385.00	\$ 770.00	\$ -
0186	8237050	_ Wall Core, 10 inch	8.00	-4.00	4.00	Ea	\$ 275.00	\$ -	\$ (1,100.00)
0187	8237050	_ Wall Core, 12 inch	2.00	4.00	6.00	Ea	\$ 330.00	\$ 1,320.00	\$ -
0188	8237050	_ Wall Core, 8 inch	4.00	0.00	4.00	Ea	\$ 220.00	\$ -	\$ -

MICHIGAN AVE UTILITY REPLACEMENT FROM MECHANIC ST TO FRANCIS ST

BALANCING CHANGE ORDER NUMBER 3

ADDITIONS AND SUBTRACTIONS: Quantities for Contract pay items shall be increased or decreased as follows:

Prop Line	Item Code	Item Description	Current Contract Quantity	Quantity Change	Final Quantity	Units	Unit Price	Amount	
								ADD	DEDUCT
0189	8237050	_ Wall Penetration Seal, 10 inch	8.00	-4.00	4.00	Ea	\$ 110.00	\$ -	\$ (440.00)
0190	8237050	_ Wall Penetration Seal, 12 inch	2.00	3.00	5.00	Ea	\$ 110.00	\$ 330.00	\$ -
0191	8237050	_ Wall Penetration Seal, 8 inch	4.00	0.00	4.00	Ea	\$ 110.00	\$ -	\$ -
0192	8237050	_ Wall Penetration Sleeve, Sch 40 PVC, 1-1/2 inch	4.00	-2.00	2.00	Ea	\$ 60.50	\$ -	\$ (121.00)
0193	8237050	_ Wall Penetration Sleeve, Sch 40 PVC, 2 inch	2.00	0.00	2.00	Ea	\$ 77.00	\$ -	\$ -
0194	8237050	_ Wall Penetration Sleeve, Sch 40 PVC, 3 inch	1.00	3.00	4.00	Ea	\$ 148.50	\$ 445.50	\$ -
0195	8237050	_ Wall Penetration Sleeve, Thermoplastic, 10 inch	8.00	-8.00	0.00	Ea	\$ 189.20	\$ -	\$ (1,513.60)
0196	8237050	_ Wall Penetration Sleeve, Thermoplastic, 12 inch	2.00	-2.00	0.00	Ea	\$ 207.90	\$ -	\$ (415.80)
0197	8237050	_ Wall Penetration Sleeve, Thermoplastic, 8 inch	4.00	-4.00	0.00	Ea	\$ 165.00	\$ -	\$ (660.00)
0198	8237050	_ Water Main Insertion Valve, 10 inch	1.00	0.00	1.00	Ea	\$ 11,110.00	\$ -	\$ -
0199	8237050	_ Water Main Insertion Valve, 12 inch	1.00	0.00	1.00	Ea	\$ 11,770.00	\$ -	\$ -
0200	8237050	_ Water Main Insertion Valve, 6 inch	3.00	0.00	3.00	Ea	\$ 7,480.00	\$ -	\$ -
0201	8237050	_ Water Main Insertion Valve, 8 inch	1.00	0.00	1.00	Ea	\$ 7,810.00	\$ -	\$ -
0202	8237050	_ Water Main Line Stop, 10 inch	1.00	-1.00	0.00	Ea	\$ 7,920.00	\$ -	\$ (7,920.00)
0203	8237050	_ Water Main Line Stop, 12 inch	1.00	-1.00	0.00	Ea	\$ 8,470.00	\$ -	\$ (8,470.00)
0204	8237050	_ Water Main Line Stop, 12 inch, Second Use	1.00	0.00	1.00	Ea	\$ 3,850.00	\$ -	\$ -
0205	8237050	_ Water Main Line Stop, 4 inch	1.00	-1.00	0.00	Ea	\$ 5,060.00	\$ -	\$ (5,060.00)
0206	8237050	_ Water Main Line Stop, 6 inch	1.00	-1.00	0.00	Ea	\$ 5,940.00	\$ -	\$ (5,940.00)
0207	8237050	_ Water Main Line Stop, 8 inch	1.00	-1.00	0.00	Ea	\$ 6,380.00	\$ -	\$ (6,380.00)
0208	8237050	_ Water Main, 10 inch, Cut & Plug, Modified	1.00	1.00	2.00	Ea	\$ 1,193.50	\$ 1,193.50	\$ -
0209	8237050	_ Water Main, 12 inch, Cut & Plug, Modified	4.00	-4.00	0.00	Ea	\$ 1,523.50	\$ -	\$ (6,094.00)
0210	8237050	_ Water Main, 4 inch, Cut & Plug, Modified	7.00	-5.00	2.00	Ea	\$ 693.00	\$ -	\$ (3,465.00)
0211	8237050	_ Water Main, 6 inch, Cut & Plug, Modified	11.00	-8.00	3.00	Ea	\$ 825.00	\$ -	\$ (6,600.00)
0212	8237050	_ Water Main, 8 inch, Cut & Plug, Modified	9.00	-9.00	0.00	Ea	\$ 990.00	\$ -	\$ (8,910.00)
0213	8237050	_ Water Main, Connect New 12 inch to Existing 12	5.00	0.00	5.00	Ea	\$ 2,970.00	\$ -	\$ -
0214	8237050	_ Water Main, Connect New 12 inch to Existing 6	1.00	0.00	1.00	Ea	\$ 3,987.50	\$ -	\$ -
0215	8237050	_ Water Main, Connect New 4 inch to Existing 4 in	4.00	1.00	5.00	Ea	\$ 1,870.00	\$ 1,870.00	\$ -
0216	8237050	_ Water Main, Connect New 6 inch to Existing 4 in	2.00	-2.00	0.00	Ea	\$ 1,815.00	\$ -	\$ (3,630.00)
0217	8237050	_ Water Main, Connect New 6 inch to Existing 6 in	4.00	-2.00	2.00	Ea	\$ 2,024.00	\$ -	\$ (4,048.00)
0218	8237050	_ Water Main, Connect New 8 inch to Existing 6 in	1.00	1.00	2.00	Ea	\$ 2,816.00	\$ 2,816.00	\$ -
0219	8237050	_ Water Main, Connect new 8 inch to Existing 8 in	6.00	-5.00	1.00	Ea	\$ 2,222.00	\$ -	\$ (11,110.00)
0220	8237050	_ Water Serv, 1 inch	1.00	0.00	1.00	Ea	\$ 1,364.00	\$ -	\$ -
0221	8237050	_ Water Serv, 1-1/2 inch	1.00	2.00	3.00	Ea	\$ 1,952.50	\$ 3,905.00	\$ -
0222	8237050	_ Water Serv, 2 inch	1.00	1.00	2.00	Ea	\$ 2,403.50	\$ 2,403.50	\$ -
0223	8237050	_ Water Serv, Long, 1 inch	9.00	-4.00	5.00	Ea	\$ 1,793.00	\$ -	\$ (7,172.00)
0224	8237050	_ Water Serv, Long, 1-1/2 inch	8.00	0.00	8.00	Ea	\$ 2,376.00	\$ -	\$ -
0225	8237050	_ Water Serv, Long, 2 inch	4.00	-1.00	3.00	Ea	\$ 3,069.00	\$ -	\$ (3,069.00)
0226	8237050	_ Water Serv, Reconnect, 1 inch	1.00	-1.00	0.00	Ea	\$ 198.00	\$ -	\$ (198.00)
0227	8237050	_ Water Serv, Reconnect, 1-1/2 inch	1.00	0.00	1.00	Ea	\$ 261.80	\$ -	\$ -
0228	8237050	_ Water Serv, Reconnect, 2 inch	1.00	-1.00	0.00	Ea	\$ 434.50	\$ -	\$ (434.50)
0229	8237050	_ Water Serv, Reconnect, 3/4 inch	1.00	-1.00	0.00	Ea	\$ 183.70	\$ -	\$ (183.70)
0230	8237050	_ Water Service Pipe, Abandon, Greater than Two	10.00	-10.00	0.00	Ea	\$ 495.00	\$ -	\$ (4,950.00)
0231	8237050	_ Water Service Pipe, Abandon, Two-inch Diamet	7.00	0.00	7.00	Ea	\$ 385.00	\$ -	\$ -
0232	8237050	_ Water Service Pipe, Connect New 4 inch to Exis	3.00	-0.80	2.20	Ea	\$ 544.50	\$ -	\$ (435.60)
0233	8237050	_ Water Service Pipe, Connect New 6 inch to Exis	1.00	-1.00	0.00	Ea	\$ 660.00	\$ -	\$ (660.00)
0234	8237050	_ Water Service Pipe, Connect New 6 inch to Exis	6.00	-4.00	2.00	Ea	\$ 754.60	\$ -	\$ (3,018.40)
0235	8237050	_ Water Service Pipe, Connect New 8 inch to Exis	2.00	-2.00	0.00	Ea	\$ 966.60	\$ -	\$ (1,933.20)

MICHIGAN AVE UTILITY REPLACEMENT FROM MECHANIC ST TO FRANCIS ST

BALANCING CHANGE ORDER NUMBER 3

ADDITIONS AND SUBTRACTIONS: Quantities for Contract pay items shall be increased or decreased as follows:

Prop Line	Item Code	Item Description	Current Contract Quantity	Quantity Change	Final Quantity	Units	Unit Price	Amount	
								ADD	DEDUCT
0236	8507001	_ Sanitary Manhole, Add Depth of 48 inch dia, 8 feet	30.00	-30.00	0.00	Ft	\$ 181.50	\$ -	\$ (5,445.00)
0237	8507001	_ Sanitary Manhole, Add Depth of 60 inch dia, 8 feet	4.00	30.24	34.24	Ft	\$ 280.50	\$ 8,482.32	\$ -
0238	8507001	_ Sanitary Sewer Backfill, Class II	1,731.00	0.00	1,731.00	Ft	\$ 20.90	\$ -	\$ -
0239	8507001	_ Sanitary Sewer, PS115 PVC, 18 inch	77.00	0.00	77.00	Ft	\$ 119.50	\$ -	\$ -
0240	8507001	_ Sanitary Sewer, PS115 PVC, 24 inch	91.00	0.00	91.00	Ft	\$ 160.30	\$ -	\$ -
0241	8507001	_ Sanitary Sewer, SDR26 PVC, 12 inch	830.00	0.00	830.00	Ft	\$ 101.60	\$ -	\$ -
0242	8507001	_ Sanitary Sewer, SDR26 PVC, 15 inch	687.00	0.00	687.00	Ft	\$ 107.10	\$ -	\$ -
0243	8507001	_ Sanitary Sewer, SDR26 PVC, 4 inch	28.00	0.00	28.00	Ft	\$ 46.00	\$ -	\$ -
0244	8507001	_ Sanitary Sewer, SDR26 PVC, 6 inch	0.00	0.00	0.00	Ft	\$ 53.40	\$ -	\$ -
0245	8507001	_ Sanitary Sewer, SDR26 PVC, 8 inch	41.00	0.00	41.00	Ft	\$ 60.90	\$ -	\$ -
0246	8507001	_ Sanitary Sewer, Service Connection beyond 10 feet	617.00	0.00	617.00	Ft	\$ 68.50	\$ -	\$ -
0247	8507030	_ Water Main Fitting, DI	1,700.00	2,219.00	3,919.00	Lb	\$ 17.60	\$ 39,054.40	\$ -
0248	8507050	_ Manhole Drop Connection	5.00	-2.00	3.00	Ea	\$ 3,355.00	\$ -	\$ (6,710.00)
0249	8507050	_ Sanitary Manhole, 48 inch dia	8.00	0.00	8.00	Ea	\$ 3,465.00	\$ -	\$ -
0250	8507050	_ Sanitary Manhole, 60 inch dia	1.00	0.00	1.00	Ea	\$ 4,730.00	\$ -	\$ -
0251	8507050	_ Sanitary Sewer, Service Connection with 12 inch	16.00	0.00	16.00	Ea	\$ 275.00	\$ -	\$ -
0252	8507050	_ Sanitary Sewer, Service Connection with 12 inch	8.00	0.00	8.00	Ea	\$ 357.50	\$ -	\$ -
0253	8507050	_ Sanitary Sewer, Service Connection with 15 inch	1.00	0.00	1.00	Ea	\$ 610.50	\$ -	\$ -
0254	8507050	_ Sanitary Sewer, Service Connection with 15 inch	27.64	0.00	27.64	Ea	\$ 418.00	\$ -	\$ -
0255	8507050	_ Sanitary Sewer, Service Connection with 15 inch	3.00	0.00	3.00	Ea	\$ 990.00	\$ -	\$ -
0257	8100010	Band, Sign	0.00	0.00	0.00	Ea	\$ 30.30	\$ -	\$ -
0258	8100340	Post Hole Through Conc for Steel Post	0.00	0.00	0.00	Ea	\$ 55.00	\$ -	\$ -
0259	8100371	Post, Steel, 3 lb	0.00	0.00	0.00	Ft	\$ 6.60	\$ -	\$ -
0260	8100396	Sign, Type II, Erect, Salv	0.00	0.00	0.00	Ea	\$ 30.80	\$ -	\$ -
0261	8100404	Sign, Type IIIA	0.00	0.00	0.00	Sft	\$ 17.10	\$ -	\$ -
0262	8100405	Sign, Type IIIB	375.00	0.00	375.00	Sft	\$ 17.60	\$ -	\$ -
0263	8107050	_ Sign, Rem	0.00	0.00	0.00	Ea	\$ 27.50	\$ -	\$ -
0264	8110024	Pavt Mrkg, Ovly Cold Plastic, 6", X-Walk	0.00	0.00	0.00	Ft	\$ 3.00	\$ -	\$ -
0265	8117001	_ Pavt Mrkg, Waterborne, 4 inch, Black	0.00	0.00	0.00	Ft	\$ 0.40	\$ -	\$ -
0266	1027051	_ Mobilization, Cortland and Pearl One-Way Conv	0.00	0.00	0.00	LS	\$ 4,000.00	\$ -	\$ -
0267	8100520	Mast Arm, 20 foot, Cat I	0.00	4.00	4.00	Ea	\$ 7,216.25	\$ 28,865.00	\$ -
0268	8207050	_ Cantilever Arm, 10 foot, Rem	0.00	2.00	2.00	Ea	\$ 460.00	\$ 920.00	\$ -
0269	8207050	_ Cantilever Arm, 10 foot, Restock	0.00	4.00	4.00	Ea	\$ 115.00	\$ 460.00	\$ -
0270	8127001	_ Curing Compound Removal for Pavt Marking	0.00	310.00	310.00	Ft	\$ 2.00	\$ 620.00	\$ -

Total: \$ 238,824.56 \$ (531,252.10)

Net Change: \$ (292,427.54)

Current Contract Amount: \$ 2,924,778.22

Revised Contract Amount: \$ 2,632,350.68



Neighborhood & Economic Operations

Building a Stronger Jackson

161 W. Michigan Avenue • Jackson, MI 49201-1303 • Facsimile (517) 780-4781

Building Inspection
(517) 788-4012

Code Enforcement
(517) 788-4060

Engineering
(517) 788-4160

Planning & Economic Development
(517) 768-6433

CITY COUNCIL MEETING January 26, 2016

TO: Honorable Mayor and City Councilmembers
FROM: Jon H. Dowling, P.E., City Engineer
SUBJECT: Interim Balancing Change Order 4 for 2015 Michigan Avenue Sidewalk Restoration Contract

RECOMMENDATION: To approve Interim Balancing Change Order 4 to the contract with Dunigan Brothers, Inc. in the increased amount of \$59,058.22 to balance contract quantities for various original items that are substantially complete to match quantities placed in the field, to add items that were necessary to complete the work in the field and authorize the City Manager and City Engineer to execute the appropriate document.

On June 23, 2015, City Council approved the award of the 2015 Michigan Avenue Sidewalk Restoration Contract to Dunigan Brothers, Inc. of Jackson, Michigan. At that time, Change Order No. 1 was approved concurrently with the contract award to align the contract scope and amount with available funding. Change Order 2, approved by City Council on September 8, 2015, increased the contract by \$110,315.00 for the replacement of light pole bases. Also on September 8, 2015, City Council approved Change Order 3 in the increased amount of \$99,049.20 to reinstate landscaping items that were previously removed by Change Order 1. The current contract amount is \$1,576,734.00.

The attached Interim Balancing Change Order 4 is to balance the contract quantities for various original items that are substantially complete, to match quantities placed in the field and to add items that were necessary to complete the work in the field.

This change order represents an increase of \$59,058.22 bringing the current contract amount to \$1,635,792.22. The work in this change order will be paid with Local Street Funds.

I request approval of Interim Balancing Change Order 4 and authorization for the City Manager and the City Engineer to sign the document.

JHD/sms

C: Patrick H. Burtch, City Manager
Troy R. White, P.E., Assistant City Engineer
Andrew J. Wrozek, Jr., City Treasurer/Clerk
Phil Hones, Purchasing Agent
Shelly Allard, Purchasing Coordinator

INTERIM BALANCING CHANGE ORDER NO. 4
To Contract for
Michigan Avenue Sidewalk Restoration from Blackstone to Francis
City of Jackson, Michigan

Notice is hereby given that the following additional information and changes shall become a part of the Contract Documents, Plans and Specifications of the above-named contract.

ORIGINAL CONTRACT AMOUNT	\$ 2,252,780.60
APPROVED CHANGE ORDER NO. 1	- \$ 885,410.80
APPROVED CHANGE ORDER NO. 2	\$ 110,315.00
APPROVED CHANGE ORDER NO. 3	\$ 99,049.20
CURRENT CONTRACT AMOUNT AS SET BY CHANGE ORDER NO. 3	\$ 1,576,734.00
INTERIM BALANCING CHANGE ORDER NO. 4	\$ 59,058.22

Details of changes shown on the attached sheets

NEW CONTRACT AMOUNT AS SET BY CHANGE ORDER NO. 4 **\$ 1,635,792.22**

REASON FOR CHANGE:

To balance the contract quantities for various original items that are substantially complete to match quantities placed in the field and to add items that were necessary to complete the work in the field.

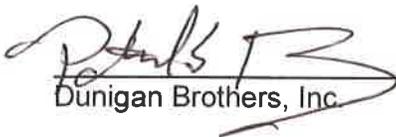
CONTRACT COMPLETION:

The contract completion time remains unchanged.



Prepared by Troy R. White, P.E.
Assistant City Engineer

ACCEPTED BY:


Dunigan Brothers, Inc.

1/5/16
Date

ACCEPTED BY:

Jon H. Dowling, P.E., City Engineer

Date

ACCEPTED BY:

Patrick H. Burtch, City Manager

Date

MICHIGAN AVE SIDEWALK RESTORATION FROM MECHANIC ST TO FRANCIS ST
INTERIM BALANCING CHANGE ORDER NUMBER 4

ADDITIONS AND SUBTRACTIONS: Quantities for Contract pay items shall be increased or decreased as follows:

Prop Line	Item Code	Item Description	Current Contract Quantity	Quantity Change	Final Quantity	Units	Unit Price	Amount	
								ADD	DEDUCT
0001	1500001	Mobilization, Max. ____ \$ 54,000.00	1.00	0.00	1.00	LS	\$54,000.00	\$ -	\$ -
0002	2020004	Tree, Rem, 6 inch to 18 inch	21.00	55.00	76.00	Ea	\$360.00	\$ 19,800.00	\$ -
0003	2030011	Dr Structure, Rem	2.00	-2.00	0.00	Ea	\$420.00	\$ -	\$ (840.00)
0004	2040020	Curb and Gutter, Rem	30.00	-30.00	0.00	Ft	\$6.00	\$ -	\$ (180.00)
0005	2040045	Masonry and Conc Structure, Rem	38.00	-15.00	23.00	Cyd	\$120.00	\$ -	\$ (1,800.00)
0006	2040050	Pavt, Rem	113.00	-113.00	0.00	Syd	\$12.00	\$ -	\$ (1,356.00)
0007	2040080	Exploratory Investigation, Vertical	8.00	-8.00	0.00	Ft	\$120.00	\$ -	\$ (960.00)
0008	2047001	_ Earth Sawcut	240.00	-240.00	0.00	Ft	\$6.00	\$ -	\$ (1,440.00)
0009	2047001	_ Pavt Sawcut	6,980.00	-2,455.00	4,525.00	Ft	\$6.00	\$ -	\$ (14,730.00)
0010	2047001	_ Tree Protection Fencing	0.00	0.00	0.00	Ft	\$9.60	\$ -	\$ -
0011	2047011	_ Sidewalk, Rem, Special	9,221.00	-685.00	8,536.00	Syd	\$12.00	\$ -	\$ (8,220.00)
0012	2047050	_ Bench, Sal	0.00	0.00	0.00	Ea	\$420.00	\$ -	\$ -
0013	2047001	_ Bike Hoop, Rem	9.00	0.00	9.00	Ft	\$300.00	\$ -	\$ -
0014	2047050	_ Bollard, Rem	7.00	0.00	7.00	Ea	\$300.00	\$ -	\$ -
0015	2047050	_ Litter Receptacle, Sal	0.00	0.00	0.00	Ea	\$300.00	\$ -	\$ -
0016	2047050	_ Misc Sign, Sal	1.00	-1.00	0.00	Ea	\$300.00	\$ -	\$ (300.00)
0017	2047050	_ Sign, Rem	20.00	-5.00	15.00	Ea	\$120.00	\$ -	\$ (600.00)
0018	2047050	_ Tree Grate, Sal	0.00	52.00	52.00	Ea	\$480.00	\$ 24,960.00	\$ -
0019	2047051	_ Tree Preservation	1.00	-1.00	0.00	LS	\$7,200.00	\$ -	\$ (7,200.00)
0020	2050031	Non Haz Contam Mat'l Handling & Disp, LM	10.00	-10.00	0.00	Cyd	\$54.00	\$ -	\$ (540.00)
0021	2057002	_ Roadway Grading, Special	21.00	-0.20	20.80	Sta	\$4,200.00	\$ -	\$ (840.00)
0022	2057021	_ Flowable Fill, Non-Structural	4.00	-4.00	0.00	Cyd	\$240.00	\$ -	\$ (960.00)
0023	2087050	_ Erosion Control, Inlet Protection, Grate Filter, Rectangular	10.00	-10.00	0.00	Ea	\$240.00	\$ -	\$ (2,400.00)
0024	2090001	Project Cleanup	1.00	0.00	1.00	LS	\$7,200.00	\$ -	\$ -
0025	3020020	Aggregate Base, 8 inch	20.00	-20.00	0.00	Syd	\$12.00	\$ -	\$ (240.00)
0026	3060005	Aggregate Surface Cse	5.00	-5.00	0.00	Cyd	\$36.00	\$ -	\$ (180.00)
0027	4030005	Dr Structure Cover, Adj, Case 1	19.00	-19.00	0.00	Ea	\$480.00	\$ -	\$ (9,120.00)
0028	4030280	Dr Structure, Adj, Add Depth	2.00	-2.00	0.00	Ft	\$480.00	\$ -	\$ (960.00)
0029	4030304	Dr Structure, Tap, 4 inch	6.00	-6.00	0.00	Ea	\$240.00	\$ -	\$ (1,440.00)
0030	4037050	_ Dr Structure, Temp Lowering, Modified	8.00	-8.00	0.00	Ea	\$300.00	\$ -	\$ (2,400.00)
0031	4037050	_ Mh Cover, Elec	0.00	0.00	0.00	Ea	\$1,320.00	\$ -	\$ -
0032	4037050	_ Mh Cover, Short	4.00	-4.00	0.00	Ea	\$600.00	\$ -	\$ (2,400.00)
0033	4037050	_ Mh Cover, Std	19.00	-19.00	0.00	Ea	\$600.00	\$ -	\$ (11,400.00)
0034	4040081	Underdrain, Subgrade, Open-Graded, 4"	0.00	0.00	0.00	Ft	\$14.40	\$ -	\$ -
0035	5010025	Hand Patching	6.00	-6.00	0.00	Ton	\$180.00	\$ -	\$ (1,080.00)
0036	6030005	Cement	6.00	-3.89	2.11	Ton	\$264.00	\$ -	\$ (1,026.96)
0037	7060011	Conc, Grade S2	2.00	-2.00	0.00	Cyd	\$420.00	\$ -	\$ (840.00)
0038	7107010	_ Woodproofing Membrane	4,279.00	-1,467.00	2,812.00	Sft	\$6.00	\$ -	\$ (8,802.00)
0039	8020038	Curb and Gutter, Conc, Det F4	30.00	-30.00	0.00	Ft	\$26.40	\$ -	\$ (792.00)
0040	8027001	_ Curb, Integral to Sidewalk	137.00	279.00	416.00	Ft	\$19.20	\$ 5,356.80	\$ -
0041	8037010	_ Sidewalk Ramp, Conc, 4 inch, Modified	3,173.00	3,475.00	6,648.00	Sft	\$15.60	\$ 54,210.00	\$ -
0042	8037010	_ Sidewalk, Conc, 4 inch, Special	74,798.00	0.00	74,798.00	Sft	\$5.40	\$ -	\$ -
0043	8037010	_ Sidewalk, Conc, 6 inch, Special	8,222.00	1,425.00	9,647.00	Sft	\$6.60	\$ 9,405.00	\$ -
0044	8080007	Fence, Protective	80.00	-80.00	0.00	Ft	\$9.60	\$ -	\$ (768.00)
0045	8087050	_ Bench, Re-Use	0.00	0.00	0.00	Ea	\$660.00	\$ -	\$ -
0046	8087050	_ Bike Hoop Grouping	7.00	0.00	7.00	Ea	\$720.00	\$ -	\$ -
0047	8087050	_ Bollard	12.00	-12.00	0.00	Ea	\$1,980.00	\$ -	\$ (23,760.00)
0048	8087050	_ Litter Receptacle, Re-Use	0.00	0.00	0.00	Ea	\$660.00	\$ -	\$ -
0049	8087050	_ Misc Sign, Re-Use	1.00	-1.00	0.00	Ea	\$300.00	\$ -	\$ (300.00)
0050	8087050	_ Tree Grate, Re-Use	35.00	-35.00	0.00	Ea	\$720.00	\$ -	\$ (25,200.00)

MICHIGAN AVE SIDEWALK RESTORATION FROM MECHANIC ST TO FRANCIS ST
INTERIM BALANCING CHANGE ORDER NUMBER 4

ADDITIONS AND SUBTRACTIONS: Quantities for Contract pay items shall be increased or decreased as follows:

Prop Line	Item Code	Item Description	Current Contract Quantity	Quantity Change	Final Quantity	Units	Unit Price	Amount	
								ADD	DEDUCT
0051	8100010	Band, Sign	138.00	-138.00	0.00	Ea	\$120.00	\$ -	\$ (16,560.00)
0052	8100340	Post Hole Through Conc for Steel Post	72.00	0.00	72.00	Ea	\$180.00	\$ -	\$ -
0053	8100370	Post, Steel, 2 lb	222.00	-222.00	0.00	Ft	\$24.00	\$ -	\$ (5,328.00)
0054	8100402	Sign, Type III, Erect, Salv	17.00	-17.00	0.00	Ea	\$60.00	\$ -	\$ (1,020.00)
0055	8100403	Sign, Type III, Rem	92.00	-18.00	74.00	Ea	\$60.00	\$ -	\$ (1,080.00)
0056	8100404	Sign, Type IIIA	14.00	-14.00	0.00	Sft	\$24.00	\$ -	\$ (336.00)
0057	8100405	Sign, Type IIIB	213.00	-213.00	0.00	Sft	\$24.00	\$ -	\$ (5,112.00)
0058	8157050	_ Watering and Cultivating, First Season, Min \$ 19,500.00	1.00	0.00	1.00	Ea	\$35,400.00	\$ -	\$ -
0059	8157050	_ Watering and Cultivating, Second Season, Min \$ 27,500.00	0.00	0.00	0.00	Ea	\$33,000.00	\$ -	\$ -
0060	8151897	Ilex verticillata, #2 cont.	0.00	0.00	0.00	Ea	\$34.80	\$ -	\$ -
0061	8152497	Nepeta x faassenii 'Walkers Low', #2cont	0.00	0.00	0.00	Ea	\$20.40	\$ -	\$ -
0062	8152568	Panicum virgatum 'Heavy Metal', #2 cont.	175.00	0.00	175.00	Ea	\$20.40	\$ -	\$ -
0063	8152578	Panicum virgatum 'Rostrahlbush', #2 cont	165.00	0.00	165.00	Ea	\$28.80	\$ -	\$ -
0064	8152640	Pennisetum alopecuroides 'Hameln', #2cont	644.00	0.00	644.00	Ea	\$19.20	\$ -	\$ -
0065	8153166	Rhus aromatica 'Gro-Low', #2 cont.	0.00	0.00	0.00	Ea	\$31.20	\$ -	\$ -
0066	8153260	Rosa radRazz 'Knock Out', #2 cont.	207.00	0.00	207.00	Ea	\$32.40	\$ -	\$ -
0067	8157050	_ Achillea 'Red Velvet', #2 cont.	300.00	0.00	300.00	Ea	\$24.00	\$ -	\$ -
0068	8157050	_ Calamagrostis x acutiflora 'Karl Foerster', #2 cont.	165.00	0.00	165.00	Ea	\$21.60	\$ -	\$ -
0069	8157050	_ Dievilla Ionicera 'Copper', #2 cont.	400.00	0.00	400.00	Ea	\$25.20	\$ -	\$ -
0070	8157050	_ Echinacea purpurea, #2 cont.	294.00	0.00	294.00	Ea	\$19.20	\$ -	\$ -
0071	8157050	_ Hemerocallis 'Stella D'Oro', #2 cont.	0.00	0.00	0.00	Ea	\$19.20	\$ -	\$ -
0072	8157050	_ Hosta 'Francee', #2 cont.	475.00	0.00	475.00	Ea	\$19.20	\$ -	\$ -
0073	8157050	_ Hypericum calycinum, #2 cont.	0.00	0.00	0.00	Ea	\$42.00	\$ -	\$ -
0074	8157050	_ Itea virginica 'Sprich', #2 cont.	0.00	0.00	0.00	Ea	\$42.00	\$ -	\$ -
0075	8157050	_ Spirea x bumalda 'Anthony Waterer', #2 cont.	18.00	0.00	18.00	Ea	\$30.00	\$ -	\$ -
0076	8157050	_ Tree, 4-5 inch, Install	94.00	20.00	114.00	Ea	\$414.00	\$ 8,280.00	\$ -
0077	8157050	_ Weigela florida 'Wine and Roses', #2 cont.	32.00	0.00	32.00	Ea	\$42.00	\$ -	\$ -
0078	8160020	Fertilizer, Chemical Nutrient, CI A	100.00	0.00	100.00	Lb	\$7.20	\$ -	\$ -
0079	8160027	Mulch Blanket	50.00	-50.00	0.00	Syd	\$2.40	\$ -	\$ (120.00)
0080	8160042	Seeding, Mixture TUF Seeding, Mixture TUF	100.00	0.00	100.00	Lb	\$12.00	\$ -	\$ -
0081	8160062	Topsoil Surface, Furn, 4 inch	1,810.00	307.00	2,117.00	Syd	\$4.80	\$ 1,473.60	\$ -
0082	8160090	Water, Sodding/Seeding	30.00	-30.00	0.00	Unit	\$210.00	\$ -	\$ (6,300.00)
0083	8167001	_ Conduit, Schedule 80 PVC, 1 inch	1,850.00	-1,850.00	0.00	Ft	\$3.60	\$ -	\$ (6,660.00)
0084	8167001	_ Conduit Wire, 14 AWG	1,900.00	1,200.00	3,100.00	Ft	\$3.60	\$ 4,320.00	\$ -
0085	8167001	_ Drip Tubing	0.00	0.00	0.00	Ft	\$3.60	\$ -	\$ -
0086	8167001	_ Lateral Pipe, PE3408, Polyethylene, 100 PSI	2,925.00	2,060.00	4,985.00	Ft	\$3.60	\$ 7,416.00	\$ -
0087	8167001	_ Mainline Pipe, PVC, Class 200, 1-1/2 inch	1,700.00	1,358.00	3,058.00	Ft	\$3.60	\$ 4,888.80	\$ -
0088	8167001	_ Pipe, Copper, Type 'L' hard, 1 inch	140.00	-140.00	0.00	Ft	\$18.00	\$ -	\$ (2,520.00)
0089	8167001	_ Sleeve, PVC, Class 200, Irrigation, 3 inch and 4 inch	4,660.00	335.00	4,995.00	Ft	\$6.00	\$ 2,010.00	\$ -
0090	8167011	_ Hydromulch	1,810.00	-1,810.00	0.00	Syd	\$2.40	\$ -	\$ (4,344.00)
0091	8167021	_ Mulch, Shredded Bark	211.00	0.00	211.00	Cyd	\$74.40	\$ -	\$ -
0092	8167021	_ Prepared Soil	450.00	-230.00	220.00	Cyd	\$52.80	\$ -	\$ (12,144.00)
0093	8167050	_ Controller	3.00	0.00	3.00	Ea	\$600.00	\$ -	\$ -
0094	8167050	_ Drip Valve Kit	0.00	0.00	0.00	Ea	\$60.00	\$ -	\$ -
0095	8167050	_ Meter, Backflow Preventer, Enclosure	3.00	0.00	3.00	Ea	\$1,800.00	\$ -	\$ -
0096	8167050	_ Quick Coupling Valve	18.00	3.00	21.00	Ea	\$600.00	\$ 1,800.00	\$ -
0097	8167050	_ Valve Box	55.00	-28.00	27.00	Ea	\$120.00	\$ -	\$ (3,360.00)
0098	8167051	_ As-Built Irrigation Drawings	1.00	0.00	1.00	LS	\$3,000.00	\$ -	\$ -
0099	8167051	_ Irrigation System Winterization	1.00	0.00	1.00	LS	\$1,800.00	\$ -	\$ -
0100	8190244	Hh, Adj	0.00	6.00	6.00	Ea	\$696.00	\$ 4,176.00	\$ -

MICHIGAN AVE SIDEWALK RESTORATION FROM MECHANIC ST TO FRANCIS ST
INTERIM BALANCING CHANGE ORDER NUMBER 4

ADDITIONS AND SUBTRACTIONS: Quantities for Contract pay items shall be increased or decreased as follows:

Prop Line	Item Code	Item Description	Current Contract Quantity	Quantity Change	Final Quantity	Units	Unit Price	Amount	
								ADD	DEDUCT
0101	8197001	_ Conductor, THWN, in Conduit, 600V, 1C, # 12 AWG	642.00	-642.00	0.00	Ft	\$1.60	\$ -	\$ (1,027.20)
0102	8197001	_ Conductor, THWN, in Conduit, 600V, 1C, # 6 AWG	2,784.00	-2,224.00	560.00	Ft	\$2.40	\$ -	\$ (5,337.60)
0103	8197001	_ Conduit, 2-1/2 inch, Sch 80/PVC (Empty)	662.00	412.00	1,074.00	Ft	\$8.40	\$ 3,460.80	\$ -
0104	8197001	_ Conduit, 3/4 inch, RMC (Empty)	0.00	0.00	0.00	Ft	\$18.60	\$ -	\$ -
0105	8197001	_ Conduit, 3/4 inch, Sch 80/PVC (Empty)	716.00	1,239.00	1,955.00	Ft	\$12.00	\$ 14,868.00	\$ -
0106	8197001	_ Conduit DB, 2, 6 inch (Empty)	0.00	0.00	0.00	Ft	\$32.40	\$ -	\$ -
0107	8197001	_ Equipment Grounding Conductor in Conduit, 1C, # 12 AWG	265.00	-265.00	0.00	Ft	\$1.80	\$ -	\$ (477.00)
0108	8197001	_ Equipment Grounding Conductor in Conduit, 1C, # 6 AWG	464.00	-464.00	0.00	Ft	\$3.00	\$ -	\$ (1,392.00)
0109	8197050	_ Banner Pole	4.00	-4.00	0.00	Ea	\$0.00	\$ -	\$ -
0110	8197050	_ Hand hole, Polymer Conc, 12 inch x 12 inch (open bottom)	88.00	-42.00	46.00	Ea	\$732.00	\$ -	\$ (30,744.00)
0111	8197050	_ Manhole, Conc, 4 foot x 4 foot x foot	0.00	0.00	0.00	Ea	\$5,520.00	\$ -	\$ -
0112	8197050	_ Receptacle, Demolish	0.00	0.00	0.00	Ea	\$132.00	\$ -	\$ -
0113	8197050	_ Receptacle, Tree	0.00	0.00	0.00	Ea	\$300.00	\$ -	\$ -
0114	8197050	_ Street Light Concrete Base	56.00	-4.00	52.00	Ea	\$1,560.00	\$ -	\$ (6,240.00)
0115	8197050	_ Street Light, Install	859.00	-859.00	0.00	Ea	\$9.00	\$ -	\$ (7,731.00)
0116	8197050	_ Street Light, Salvage	54.00	-23.00	31.00	Ea	\$372.00	\$ -	\$ (8,556.00)
0117	8197051	_ Electrical Panel, Relocate	1.00	0.00	1.00	LS	\$6,480.00	\$ -	\$ -
0118	8197051	_ Miscellaneous Electrical Repair/Testing, Max \$ 20,000.00	1.00	0.00	1.00	LS	\$20,000.00	\$ -	\$ -
0119	8200027	Conduit Repr, Under Pavt	6.00	-6.00	0.00	Ft	\$0.00	\$ -	\$ -
0120	8200028	Conduit Repr, Under Sidewalk or Earth	14.00	-14.00	0.00	Ft	\$0.00	\$ -	\$ -
0121	8230391	Gate Box, Adj, Temp, Case 1	8.00	-8.00	0.00	Ea	\$360.00	\$ -	\$ (2,880.00)
0122	8230431	Gate Box, Adj, Case 1	14.00	-14.00	0.00	Ea	\$360.00	\$ -	\$ (5,040.00)
0123	8167050	_ Street Light Base, Rem	54.00	-7.00	47.00	Ea	\$300.00	\$ -	\$ (2,100.00)
0128	8167060	_ Sprinkler Heads	25,000.00	6,106.25	31,106.25	Dlr	\$1.00	\$ 6,106.25	\$ -
0129	8197001	_ Conductor, THWN, in Conduit, 600 V, 1C, #8 AWG	0.00	16,500.00	16,500.00	Ft	\$1.90	\$ 31,350.00	\$ -
0130	8197001	_ Conductor, THWN, in Conduit, 600 V, 1C, #10 THWN	0.00	3,000.00	3,000.00	Ft	\$1.67	\$ 5,010.00	\$ -
0131	8197050	_ Hand hole, Polymer Conc, 11 inch x 17 inch (open bottom)	0.00	4.00	4.00	Ea	\$805.00	\$ 3,220.00	\$ -
0132	8197050	_ Hand hole, Polymer Conc, 17 inch x 30 inch (open bottom)	0.00	2.00	2.00	Ea	\$891.25	\$ 1,782.50	\$ -
0133	8197050	_ Street Light, Install, Modified	0.00	50.00	50.00	Ea	\$744.00	\$ 37,200.00	\$ -
0134	8160055	Sodding	0.00	1,095.00	1,095.00	Syd	\$8.83	\$ 9,668.85	\$ -
0135	8167011	_ Barrier Fabric	0.00	1,067.00	1,067.00	Syd	\$1.14	\$ 1,216.38	\$ -
0137	8087050	_ Bollard, Modified	0.00	16.00	16.00	Ea	\$2,238.75	\$ 35,820.00	\$ -
0138	8107001	_ Post, Galvanized Unistrut, Powder Coated, Black, 1-3/4 inch	0.00	700.00	700.00	Ft	\$8.67	\$ 6,069.00	\$ -
0139	8107001	_ Post, Galvanized Unistrut, Powder Coated, Black, 2 inch	0.00	250.00	250.00	Ft	\$9.00	\$ 2,250.00	\$ -
0140	8197060	_ Electrical Investigation, T&M	0.00	15,524.00	15,524.00	Dlr	\$1.00	\$ 15,524.00	\$ -
0142	2047050	_ Pavt Core for Base	0.00	16.00	16.00	Ea	\$431.25	\$ 6,900.00	\$ -

Total: \$ 328,541.98 \$ (269,483.76)
Net Change: \$ 59,058.22
Current Contract Amount: \$ 1,576,734.00
Revised Contract Amount: \$ 1,635,792.22



Neighborhood & Economic Operations

Building a Stronger Jackson

161 W. Michigan Avenue • Jackson, MI 49201-1303 • Facsimile (517) 780-4781

Building Inspection
(517) 788-4012

Code Enforcement
(517) 788-4060

Engineering
(517) 788-4160

Planning & Economic Development
(517) 768-6433

CITY COUNCIL MEETING January 26, 2016

TO: Honorable Mayor Jors and City Council

FROM: Patrick Burtch, City Manager

SUBJECT: **Approve the Sale of City-Owned Property at 1009 Martin St (PIN 5-100400000) for \$100 to Lane Memorial CME Church**

RECOMMENDATION:

Approve the sale of a City-owned vacant lot at 1009 Martin St (PIN 5-100400000) for \$100 to Lane Memorial CME Church, authorize the City Manager to sign the Offer to Purchase and Purchase Agreement, subject to minor modifications and approval by the City Attorney.

In March 2015, the house located at 1009 Martin Street was demolished by the City of Jackson with the consent of the owner. *This property was in no way connected to the Help for Hardest Hit Blight Elimination Program.* On April 2, 2015, the Jackson County Treasurer foreclosed on the property due to non-payment of delinquent taxes. On November 17, 2015, the Jackson City Council approved to accept this parcel through its right of first refusal.

The Pastor of Lane Memorial CME Church, located on the north side of this lot at the corner of Martin and Moore Streets, has expressed interest in obtaining this property from the City to create an outdoor play area for Sunday School. Maps of the location are attached for your review.

The City of Jackson *Disposition of City Owned Property Policy* dictates that the lot be sold for a minimum offer of current market value, unless, in the opinion of the City Manager, a sale for less than current market value would be in the best interests of the development of the surrounding neighborhood or of the City as a whole. The current market value according to the Assessor is \$1,850.00.

RECEIVED

JAN 06 2016

Offer to Purchase City Owned Property

Department of Community Development
161 W Michigan Avenue
Jackson, Michigan 49201

Date 1/8/2016

1. LANE MEMORIAL CME CHURCH
(Name or Names as desired on deed),
141 MOORE STREET JACKSON, MICHIGAN 49203
Address, City State Telephone Number

am submitting an offer to purchase City-owned property located at:

1009 MARTIN STREET 5-1004-0000D hereinafter "Property"
(Address) (Assessor's Stencil Number)

for the sum of \$ 100.00 cash.

If purchased, I would use the Property for the following purpose:

OUT DOOR PLAY AREA FOR SUNDAY CHURCH SCHOOL

Disclaimers and Limitations. Notwithstanding anything to the contrary herein contained, Purchaser expressly understands, acknowledges and agrees that the conveyance of the Property shall be made by Seller to Purchaser on an "as is, where is" basis, and with all faults, including fire damage, the environmental condition of the Property, and Purchaser acknowledges that Purchaser has agreed to buy the Property in its present condition and that Purchaser is relying solely on its own examination and inspections of the Property and not on any statements or representations made by Seller or any agents or representatives of Seller. Additionally, Purchaser hereby acknowledges that Seller makes no warranty or representation, express or implied, or arising by operation of law, including, but in no way limited to, any warranty of condition, habitability, merchantability, or fitness for a particular purpose of the Property or any portion thereof, or with respect to the economical, functional, environmental or physical condition, or any other aspect, of the Property, including Seller's title to the Property. Seller hereby specifically disclaims any warranty, guaranty or representation, oral or written, past, present or future, of, as to, or concerning: (i) the nature and condition of the Property or any part thereof, including, but not limited to, its water, soil, or geology, or the suitability thereof for any and all activities and uses which Purchaser may elect to conduct thereon, or any improvements Purchaser may elect to construct thereon, or any income to be derived therefrom, or any expenses to be incurred with respect thereto, or any obligations or any other matter or thing relating to or affecting the same; (ii) the absence of asbestos or any environmentally hazardous substances on, in or under the Property or on, in or under any property adjacent to or abutting the Property; (iii) the manner of construction or condition or state of repair or lack of repair of any improvements; (iv) the nature or extent of any easement, restrictive covenant, right-of-way, lease, possession, lien, encumbrance, license, reservation, condition or other similar matter pertaining to the Property, or portion thereof; and (v) the compliance of the Property or the operation of the Property or portion thereof with any laws, rules, ordinances or regulations of any government or other body. Purchaser hereby absolutely waives any right, claim or cause of action which Purchaser may have against Seller with respect to the environmental conditions existing at the Property on the date of closing. By way of example only and not by way of limitation of the foregoing, Seller does not warrant either clear title to the Property, or that Purchaser will be able to obtain title insurance to the Property. Nor shall Purchaser be allowed to return Property because of defect in title. Purchaser shall indemnify, defend and save Seller harmless from and against any and all claims, liability, costs, damages or losses from personal injury, including death, or property damage of any nature, resulting or arising from the sale of the Property. The provisions of this paragraph shall survive the execution and delivery of the deed by Seller and the closing of the transaction contemplated by this agreement.

Rev John Clemons
(Purchaser Signature)

(Purchaser Signature)

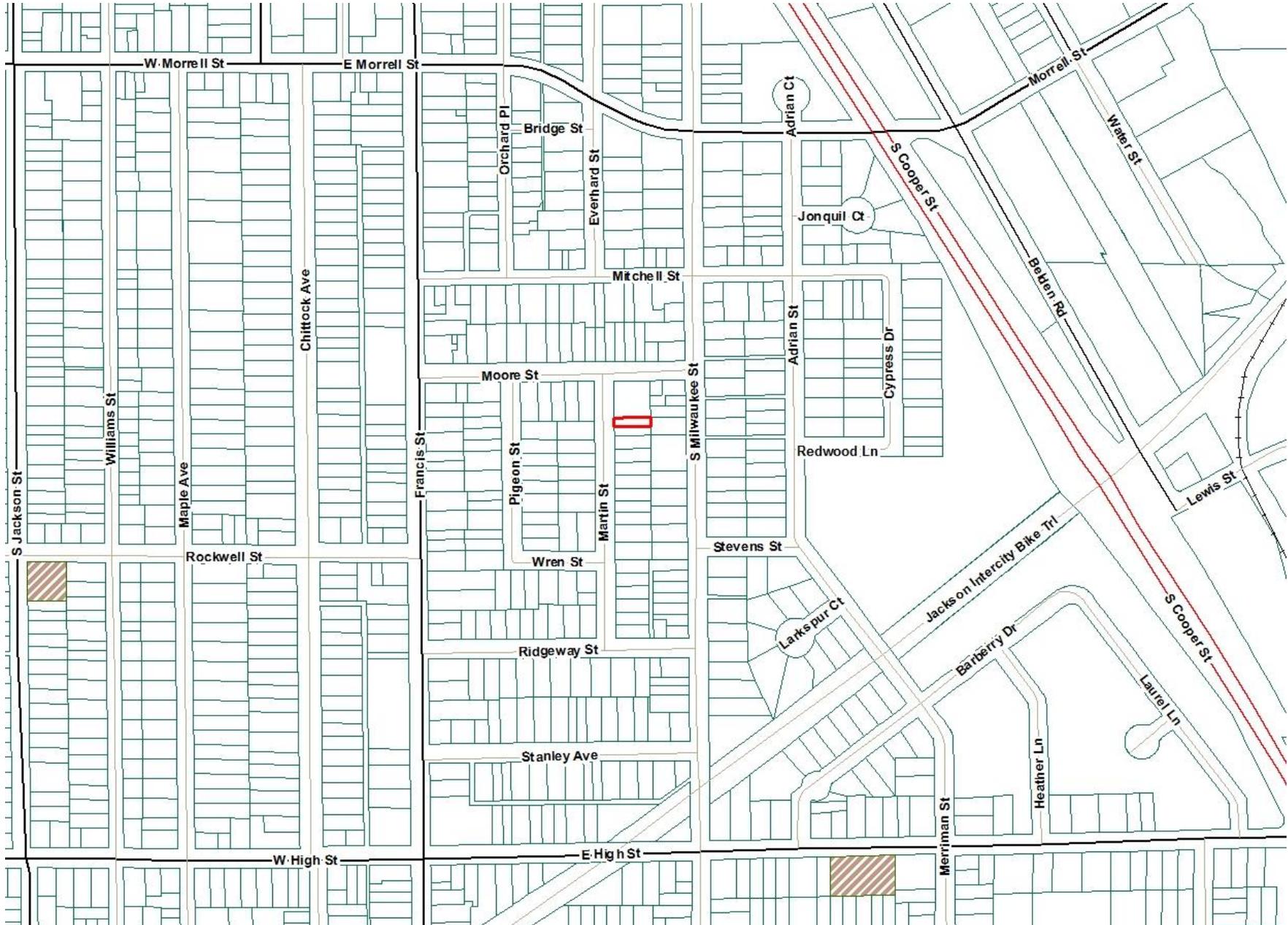
Acceptance of Offer to Purchase

For the City: _____

Date: _____

Its: _____

1009 Martin St



1009 Martin St - Aerial





Neighborhood & Economic Operations

Building a Stronger Jackson

161 W. Michigan Avenue • Jackson, MI 49201-1303 • Facsimile (517) 780-4781

Building Inspection
(517) 788-4012

Code Enforcement
(517) 788-4060

Engineering
(517) 788-4160

Planning & Economic Development
(517) 768-6433

CITY COUNCIL MEETING January 26, 2016

TO: Honorable Mayor Jors and City Council

FROM: Patrick Burtch, City Manager

SUBJECT: **Approve the Sale of City-Owned Property at 1125 Woodbridge St (PIN 4-114800000) for \$100**

RECOMMENDATION:

Approve the sale of a City-owned vacant lot at 1125 Woodbridge St (PIN 4-114800000) for \$100, authorize the City Manager to sign the Offer to Purchase, subject to minor modifications and approval by the City Attorney.

In September 2012, the house located at 1125 Woodbridge Street was demolished by the City of Jackson with the consent of the owner. *This property was in no way connected to the Help for Hardest Hit Blight Elimination Program.* On April 2, 2015, the Jackson County Treasurer foreclosed on the property due to non-payment of delinquent taxes. On November 17, 2015, the Jackson City Council approved to accept this parcel through its right of first refusal.

The owner of 1121 Woodbridge St, located to the north of this lot, has offered to purchase the lot from the City for \$100 to expand the yard space for his property. The house on 1121 Woodbridge is a 2-unit rental, properly registered with the City. The most recent housing inspection was conducted on March 30, 2015 at which time no housing code violations were cited.

The City of Jackson *Disposition of City Owned Property Policy* dictates that the lot be sold for a minimum offer of current market value, unless, in the opinion of the City Manager, a sale for less than current market value would be in the best interests of the development of the surrounding neighborhood or of the City as a whole. The current market value according to the Assessor is \$300.00.

Offer to Purchase City Owned Property

Neighborhood & Economic Operations
161 W Michigan Avenue, 3rd Floor
Jackson, Michigan 49201

Date 1-6-16

I, Brian Rockwell

(Name or Names as desired on deed)

P.O. Box 1778, Jackson MI 49204 (517-812-2103)

Address, City State

Telephone Number

I am submitting an offer to purchase City-owned property located at:

1125 Woodbridge St

(Address)

4-1148

(Assessor's Stencil Number)

hereinafter "Property"

for the sum of \$ 100.⁰⁰ cash.

If purchased, I would use the Property for the following purpose:

Add to Adjoining property AT 1121/1123 Woodbridge.

Disclaimers and Limitations. Notwithstanding anything to the contrary herein contained, Purchaser expressly understands, acknowledges and agrees that the conveyance of the Property shall be made by Seller to Purchaser on an "as is, where is" basis, and with all faults, including fire damage, the environmental condition of the Property, and Purchaser acknowledges that Purchaser has agreed to buy the Property in its present condition and that Purchaser is relying solely on its own examination and inspections of the Property and not on any statements or representations made by Seller or any agents or representatives of Seller. Additionally, Purchaser hereby acknowledges that Seller makes no warranty or representation, express or implied, or arising by operation of law, including, but in no way limited to, any warranty of condition, habitability, merchantability, or fitness for a particular purpose of the Property or any portion thereof, or with respect to the economical, functional, environmental or physical condition, or any other aspect, of the Property, including Seller's title to the Property. Seller hereby specifically disclaims any warranty, guaranty or representation, oral or written, past, present or future, of, as to, or concerning: (i) the nature and condition of the Property or any part thereof, including, but not limited to, its water, soil, or geology, or the suitability thereof for any and all activities and uses which Purchaser may elect to conduct thereon, or any improvements Purchaser may elect to construct thereon, or any income to be derived therefrom, or any expenses to be incurred with respect thereto, or any obligations or any other matter or thing relating to or affecting the same; (ii) the absence of asbestos or any environmentally hazardous substances on, in or under the Property or on, in or under any property adjacent to or abutting the Property; (iii) the manner of construction or condition or state of repair or lack of repair of any improvements; (iv) the nature or extent of any easement, restrictive covenant, right-of-way, lease, possession, lien, encumbrance, license, reservation, condition or other similar matter pertaining to the Property, or portion thereof; and (v) the compliance of the Property or the operation of the Property or portion thereof with any laws, rules, ordinances or regulations of any government or other body. Purchaser hereby absolutely waives any right, claim or cause of action which Purchaser may have against Seller with respect to the environmental conditions existing at the Property on the date of closing. By way of example only and not by way of limitation of the foregoing, Seller does not warrant either clear title to the Property, or that Purchaser will be able to obtain title insurance to the Property. Nor shall Purchaser be allowed to return Property because of defect in title. Purchaser shall indemnify, defend and save Seller harmless from and against any and all claims, liability, costs, damages or losses from personal injury, including death, or property damage of any nature, resulting or arising from the sale of the Property. The provisions of this paragraph shall survive the execution and delivery of the deed by Seller and the closing of the transaction contemplated by this agreement.

Brian Rockwell
(Purchaser Signature)

(Purchaser Signature)

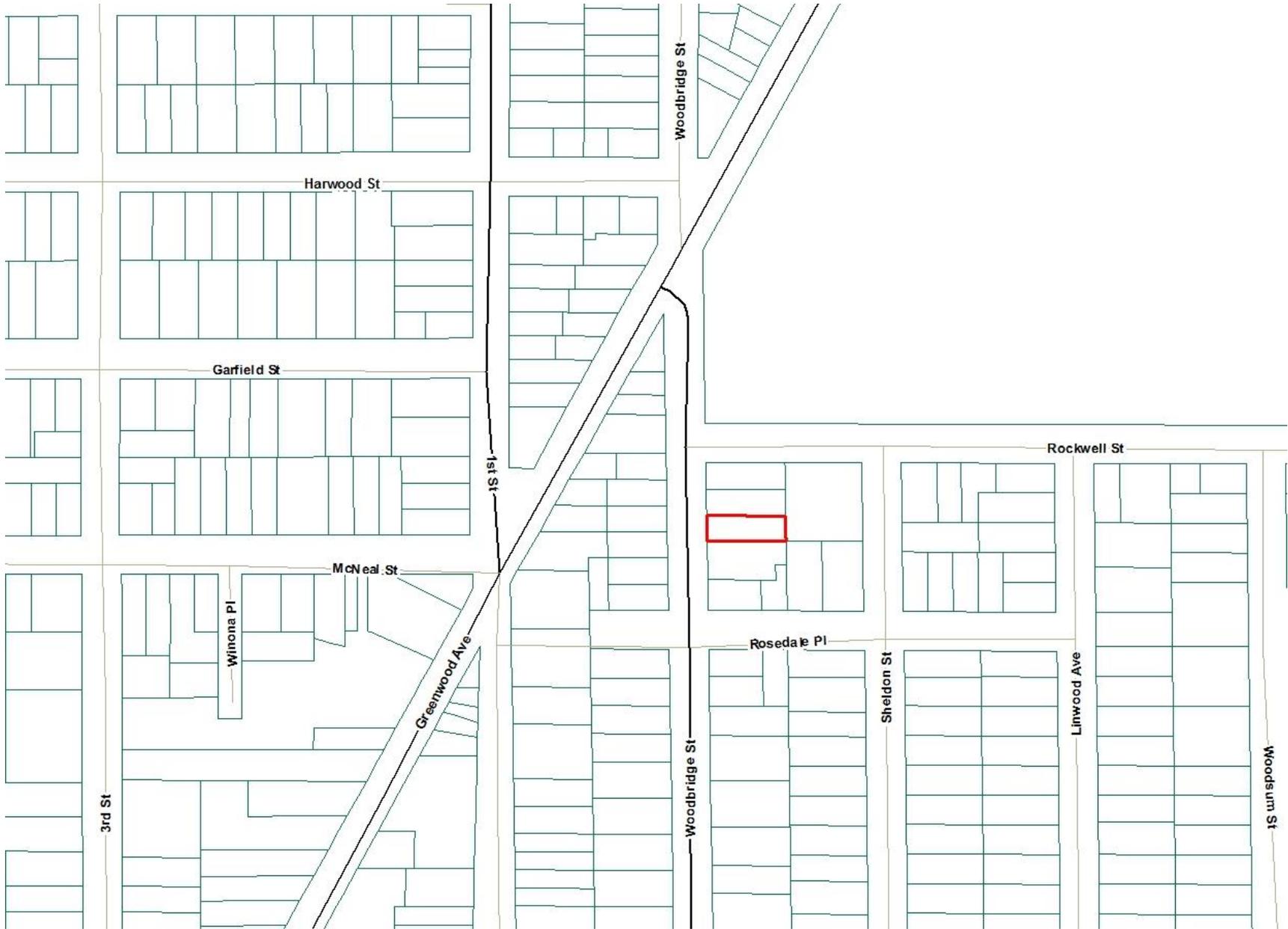
Acceptance of Offer to Purchase

For the City: _____

Date: _____

Its: _____

1125 Woodbridge St



1125 Woodbridge St





CITY COUNCIL MEETING
January 26, 2016

MEMO TO: Honorable Mayor and City Councilmembers

FROM: Todd Knepper, Director of Public Works TSK

SUBJECT: Award a contract for the Water Treatment Plant SCADA Hardware and Control Room Upgrade Project to J. Ranck Electric in the amount of \$755,055.00.

RECOMMENDATION: Award a contract for the Water Treatment Plant SCADA Hardware and Control Room Upgrade Project to J. Ranck Electric, Mount Pleasant, Michigan in the amount of \$755,055.00, and authorize the Mayor and City Treasurer/Clerk to execute the appropriate documents.

Design work has been completed to upgrade and replace all the Water Treatment Plant SCADA (Supervisory Control and Data Acquisition) hardware. SCADA control hardware carries control signals throughout the plant to various equipment and treatment processes. The average life-span of this type of control equipment and hardware is about 20 years, and the existing equipment has been in place for over 25 years. We have experienced a few intermittent hardware failures recently, and this project is a step toward securing treatment process reliability.

The project was bid with three deductible alternates, which are additional project items that could be included in the project, if the budget and schedule were to allow. In this case, deductible alternates #1 and #2 will not be included in the project, and due to funding allocations, will be considered sometime in the future.

Two project proposals were received, and with the deductible alternates #1 and #2 removed, project costs are as follows:

J. Ranck Electric, Mt. Pleasant - \$755,055.00
Cochran Electric, Jackson - \$850,852.00

The recommendation is to award a contract for the Water Treatment Plant SCADA Hardware and Control Room Upgrade project to J. Ranck Electric, Mount Pleasant, Michigan in the amount of \$755,055.00. This project is included in the approved 2015-2016 water department budget, line 402-591-000-982.000.



January 11, 2016

Transmitted Electronically

Mr. Todd Knepper
Director of Public Works
City of Jackson
161 W. Michigan Ave.
Jackson, MI 49201

Re: Recommendation of Award: SCADA Hardware Replacement and Control Room Upgrade Project

Dear Mr. Knepper:

Tetra Tech has completed review of bids received in response to the Request for Bid for contractor services related to the SCADA Hardware Replacement and Control Room Upgrade Project at the Jackson Water Treatment Plant.

There were two project bidders, both bidders acknowledged all addendums (bid sheet and Engineers cost estimate is attached).

Bids were slightly higher than engineers estimate primarily due to prices submitted for the Motor Control Center replacement as well as the Security Camera system which included prices much higher than our estimates.

On January 11, 2016 Tetra Tech attended a meeting with you, Bob Koehn and Gene Jones (Tetra Tech) to discuss the project bids and we concluded that the bids were complete and that the low bidder is J. Ranck Electric. It was also discussed that the City desires to remove deductible alternate's No. 1 and No. 2 from the overall base bid which would mean a total contract price of \$755,055.

Tetra Tech recommends awarding the SCADA Hardware Replacement and Control Room Upgrade Project to "J. Ranck Electric" with a total contract price of \$755,055.

We look forward to working with you on this effort. Please contact me at 734-213-5075 if you have questions or require additional information.

Sincerely,

A handwritten signature in black ink that reads 'Mick S. Jones'.

Mick S. Jones, P.E.
Senior Project Manager

Copy: Mr. Bob Koehn

SCHEDULE OF BID PRICES
NOTE: UNIT PRICES MUST BE LISTED AND SHALL GOVERN.

ITEM NO	DESCRIPTION	TOTAL COST
1	Project Base Bid (Total Project)	1,162,055.00
2	Deductible Alternate No. 1 (MCC 1 and 2)	246,000.00
3	Deductible Alternate No. 2 (Camera System)	161,000.00
4	Deductible Alternate No. 3 (TPCP)	36,500.00

TOTAL PROJECT BASE BID WRITTEN OUT: *One Million One Hundred Sixty Two Thousand Fifty Five and ⁰⁰/₁₀₀*

Bidders Name:	J. Ranck Electric, Inc.
Address:	1993 Gover Parkway

SCHEDULE OF BID PRICES

NOTE: UNIT PRICES MUST BE LISTED AND SHALL GOVERN.

ITEM NO	DESCRIPTION	TOTAL COST
1	Project Base Bid (Total Project)	1,314,295.00
2	Deductible Alternate No. 1 (MCC 1 and 2)	304,308.00
3	Deductible Alternate No. 2 (Camera System)	159,135.00
4	Deductible Alternate No. 3 (TPCP)	47,598.00
TOTAL PROJECT BASE BID WRITTEN OUT:		

Bidders Name:	Cochran Electric Co
Address:	2103 S. Jackson St

OPINION OF PROBABLE CONSTRUCTION COST

TETRA TECH

710 Avis Drive, Ann Arbor, MI 48108

Telephone: (734) 665-6000 FAX: (734) 665-2570

PROJECT: City of Jackson WTP SCADA Hardware Replace

DATE: 11/10/2015

LOCATION: City of Jackson WTP

PROJECT NO. _____

BASIS FOR ESTIMATE: CONCEPTUAL PRELIMINARY FINAL

ESTIMATOR: GCJ

WORK: _____

CHECKED BY: MSJ

CURRENT ENR: _____

ITEM NO.	DESCRIPTION	QUANT.	UNIT	UNIT AMOUNT	TOTAL AMOUNT
1	SCADA Panels (including installation)	1		\$535,000.00	\$535,000.00
2	Motor Control Centers (including installation)	1		\$230,000.00	\$230,000.00
3	Cameras (including installation and aluminum poles)	1		\$75,000.00	\$75,000.00
4	Control Room Upgrades and air compressor (including install)	1		\$22,000.00	\$22,000.00
5	Fiber Optic Cable Additions (including terminations and install)	1		\$25,000.00	\$25,000.00
6					
7					
8					
9	Contingency (5%)	1		\$44,350.00	\$44,350.00
10					
11	Overhead and Profit (10%)	1		\$88,700.00	\$88,700.00
12					
13					
TOTAL CONSTRUCTION COST					\$1,020,050.00