



City of East Moline Committee of the Whole

City Council Chambers
915 16th Avenue
East Moline, IL 61244

DATE: MONDAY, May 2nd, 2016

TIME: Immediately Following the Regular Council Meeting

1	Wastewater Treatment Plant Boiler Replacement	Drake
2	28 th Ave/4 th St A Utility & Street Improvement - Construction Eng.	Kammler
3	2016 MFT Maintenance Program	Kammler
4	7 th Street Retaining Wall Re-Facing	Kammler
5	Squad Car Replacement	Reynolds



COMMITTEE OF THE WHOLE

Title Wastewater Treatment Plant Boiler Replacement

Date: 2 May 2016

Agenda Item #1 Presented By: Drake

Description:

As part of the 2016 Capital Improvement Plan, plans and specifications have been prepared to remove the existing boiler and replace it with two dual fuel (methane & natural gas) high efficient boilers. A complete set of plans, specifications and bid documents are available for review and comment at the Wastewater Treatment Plant. A bid letting will be scheduled after COW approval. A complete bid tabulation and formal recommendation for award of contract will be brought before the City Council at a meeting after the bid letting.

FINANCIAL

Is this a budgeted item? Yes No

Line Item # 250.4549.743.0 Title: WWTP Boiler Replacement

Amount Budgeted: 300,000.00

Actual Cost: T.B.D.

Under/(Over): _____

Funding Sources:

Wastewater Revenues

Departments:

Wastewater Treatment

Is this item in the CIP? Yes No CIP Project Number: SWTR-16-01



COMMITTEE OF THE WHOLE

Any previous Council actions:

Action	Date
_____	_____
_____	_____

Recommendation:

Approve the Boiler Replacement project and proceed to bid letting. Pending COW approval a bid letting will be conducted, bid results compiled and construction contract will be brought back to the Council for consideration of award.

Required Action:

ORDINANCE _____ RESOLUTION _____ NO ACTION REQUIRED _____

Regular Meeting Date for Action June 6, 2016

Additional Comments:

MOTION BY _____ SECONDED BY _____
TO _____

CITY COUNCIL VOTES

VOTES	HELEN HELAND	GARY ALMRLADE	NANCY MULCAHEY	ID DEJAYNES	HUMBERTO AGUILAR	ROBERT CHEFFER	GARY WESTBROOK
YES							
NO							
SENT							
ABSTAIN							



COMMITTEE OF THE WHOLE

Title 28th Ave / 4th St A Utility & Street Improvements - Construction Engineering

Date: May 2, 2016

Agenda Item #2 Presented By: Kammler - Director of Engineering

Description:

The 28th Avenue / 4th Street A Utility & Street Improvement Project requires consultant assistance for construction inspection, testing, and staking; the cost for these services was budgeted in the 2016 CIP. As such, the Engineering Department has obtained a professional services contract proposal from McClure Engineering Associates, Inc. to assist the city with this work. This proposal assumes a construction period of approximately 14 weeks; a more detailed scope of services and fee breakdown is shown in the attached copy of this document. As with design engineering, water and sewer CIP funds have been programmed to pay for construction engineering expenses.

FINANCIAL

Is this a budgeted item? Yes No

Line Item # 220-4546-300.2; 270-4547-312.2 Title: Water, Sewer CIP Professional Services

Amount Budgeted: \$785,000

Actual Cost: \$39,306 (Design) + \$64,537(Insp&Stake)

Under/(Over): Under \$207,000 +/-

Funding Sources:

Water & Sewer Funds

Departments:

Engineering Water CIP

Engineering Sewer CIP

Is this item in the CIP? Yes No CIP Project Number: ENGR-16-01, ENGR-16-02



COMMITTEE OF THE WHOLE

Any previous Council actions:

Action	Date
<u>COW Approved Plans & Specifications, Bidding</u>	<u>March 21, 2016</u>
_____	_____
_____	_____

Recommendation:
 Approve construction inspection & staking contract with McClure Engineering.
 Construction Bid = \$474,035.00

Required Action:

ORDINANCE _____ RESOLUTION X NO ACTION REQUIRED _____

Regular Meeting Date for Action May 16, 2016

Additional Comments:

MOTION BY _____ SECONDED BY _____
 TO _____

CITY COUNCIL VOTES

VOTES	HELEN HELAND	GARY ALMRLADE	NANCY MULCAHEY	ID DEJAYNES	HUMBERTO AGUILAR	ROBERT CHEFFER	GARY WESTBROOK
YES							
NO							
SENT							
ABSTAIN							



Project Number EM-01-
Project Name EM -28th Ave. & 4th St. A Utility/St.

CONTRACT AGREEMENT

TO ENGAGE THE SERVICES OF McCLURE ENGINEERING ASSOCIATES, INC. AS A CONSULTANT, SURVEYOR, AND/OR ADVISOR.

This Contract, entered into on the _____ day of _____, 2016, between City of East Moline, hereinafter called "Client" and McClure Engineering Associates, Inc., hereinafter called "MEAI," is as follows:

The Client and MEAI, for mutual consideration hereinafter set forth, agree as follows:

A. MEAI agrees to perform certain services for the Client as follows: _____
See letter dated 3/21/16.

Project Location: _____
Estimated completion date of services: _____

B. Client agrees to pay MEAI as compensation for these services as follows:

- Time and Materials \$ 64,537.49 (estimate)
- Lump Sum of \$ _____
- Other: _____
- Retainer of \$ _____

Invoices to be submitted:

- Monthly
- Upon Completion of Services
- Other _____

Terms of Payment:

Net due 30 days

Invoices will be submitted to:

Client's name and address: City of East Moline Attn: Timothy Kammler
1200 13th Ave.
East Moline, IL 61244

E-mail: tkammler@eastmoline.com Phone No. 309-752-1595
Fax No. 309-755-0634

Also refer to reverse side under "TERMS OF PAYMENT" and "LIMITATION OF LIABILITY."

- C. Conditions: The Standard Provisions set forth upon the reverse side hereof are hereby incorporated into and made a part of this Contract.
- D. Services will be scheduled upon receipt of the signed "MEAI Copy." Please retain "Client Copy" of this Contract for your records. By signing below, each of the parties affirm that they have read and understand the terms and conditions of this Contract as set forth herein, front and back, and by signing hereby acknowledge and agree to all such terms and conditions.

ACCEPTED

McCLURE ENGINEERING ASSOCIATES, INC.

By: _____

By: Brett J. Fetter, P.E. Tim Ziegler

Printed name: _____
Client/Title

Title: President/CEO CFO

Date: _____

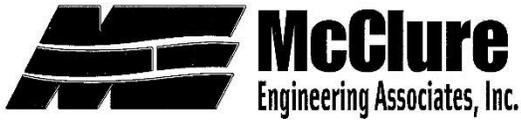
Date: 3/21/16

Subject to acceptance within 30 days

WHITE - MEAI COPY/ACCOUNTING

YELLOW - CLIENT COPY

PINK - MEAI COPY/DIVISION



March 21, 2016

Mr. Timothy D. Kammler, P.E.
Director of Engineering Services
City of East Moline
1200 13th Avenue
East Moline, Illinois 61244

Subject: *Proposal for Professional Construction Phase Services
28th Avenue Utility & Street Improvements Project and
4th Street A Utility & Street Improvements
East Moline, Illinois*

Dear Mr. Kammler:

As requested, McClure Engineering Associates, Inc. (MEAI) is pleased to submit this proposal for professional construction phase services.

SCOPE OF WORK

The City of East Moline (CLIENT) desires MEAI to provide professional construction phase services relating to the construction of the water distribution system replacement on 28th Avenue (5th Street to 7th Street) and on 4th Street A (near Hillcrest School and 20th Avenue).

BASIC SERVICES

Construction Administration

Construction Administration services include: shop drawing review, change order review, attending construction progress meetings, periodic site visits, completing record drawings, materials certification, and pay application review/recommendation for payment.

Construction Observation and Material Testing

MEAI personnel will act on behalf of the City in performing services as requested to verify construction of the project improvements in conformance with City plans, specifications, standards, and interpretations by City staff. Material testing will be performed in order to confirm compliance with contract documents and may include soil and/or aggregate densities, concrete test cylinders, and asphalt density.

Construction Layout

Construction Layout services include:

- Recover horizontal and vertical control. Establish local, accessory control.
- One time staking of water main and fire hydrants. Stakes will be placed at 50-foot intervals. Grades will be calculated for fire hydrants, but not for centerline of water main.
- One time staking for miscellaneous utility structures and piping, providing cut-sheets.
- Replacement of property corners as destroyed or removed by construction.

The following items are Not Included in Construction Layout:

- Does not include "as-built" measurements.
- Bond/Insurance share, prevailing wage reports (not required for Professional Sub-Contractors), barricades & traffic control.
- Becoming signatory to a collective bargaining agreement to which we are not otherwise a party.

**Proposal for Professional Construction Phase Services
28th Avenue Utility & Street Improvements Project and
4th Street A Utility & Street Improvements
East Moline, Illinois
Page 2 of 3**

BASIS OF FEE DETERMINATION

Construction Administration

- Fourteen (14) Weeks for Senior Project Manager @ 2.0 hours/week

Construction Observation and Material Testing

- Fourteen (14) weeks for Senior Field Technician.
Twelve (12) weeks full-time.
Two (2) weeks ½-time.
Sixty-Four (64) hours of overtime.
- Inspection vehicle mileage.
- Material Testing.

ENGINEERING FEES

The Engineering Fee for the above basic services will be on a Time and Material basis in accordance with our General Conditions on the reverse side of the contract agreement, as follows:

1.	Basic Services:		
	Senior Project Manager	28 hours @ \$133.00/hour	\$ 3,724.00
	Senior Field Technician	520 hours @ \$101.75/hour	\$52,910.00
	Senior Field Technician (OT)	40 hours @ \$152.63/hour	\$ 6,105.20
	Construction Layout	24 hours @ \$155.00/hour	\$ 3,720.00
	Material Testing		\$ 500.00
	Mileage	1,300 miles @ \$0.75/mile	\$ 975.00
	Subtotal Basic Services		\$67,934.20
	City of East Moline 5% Discount		(\$ 3,396.71)

**Time and Material Estimated Fee
(Not to Exceed without prior Authorization):** **\$ 64,537.49**

TIME SCHEDULE

MEAI is prepared to start the aforementioned scope of services immediately upon receipt of an executed contract agreement.

Advertise for Bids anticipated: April 2016

RESPONSIBILITIES OF CLIENT

The CLIENT shall:

- Provide full information regarding its requirements for the Project.
- Designate authorized representative to act on its behalf with respect to the Project.
- Provide direction as necessary with regard to the plan document.
- Be responsible for all permit, application, publication and filing fees.

RESPONSIBILITIES OF CONTRACTOR

The CONTRACTOR shall:

- Insure the control points are not removed or destroyed, prior to being confirmed and referenced.
- Provide 48-hour notice for construction staking.
- Provide a contact person for scheduling and if necessary signing daily log sheets.
- Provide full information regarding any changes to the project.

**Proposal for Professional Construction Phase Services
28th Avenue Utility & Street Improvements Project and
4th Street A Utility & Street Improvements
East Moline, Illinois
Page 3 of 3**

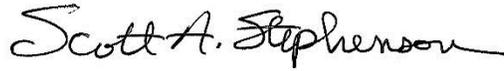
ADDITIONAL SERVICES

MEAI will perform additional professional services as directed by the CLIENT on a standard time basis using the above listed standard hourly rate and fee schedule. If desired, MEAI will prepare supplemental agreements for additional services, with a quoted fee for a specific scope of services.

We value our professional relationship with the City and look forward to working with you on this project. If you have questions or need additional information regarding this proposal, please contact our office at (309) 792-9350.

Sincerely,
McCLURE ENGINEERING ASSOCIATES, INC.


Brett J. Fetter, P.E.
President / CEO


Scott A. Stephenson, P.E.
Transportation Practice Leader / Sr. Project Manager

Att. (1): Standard Contract Agreement
Hourly Rate Schedule

u:\sas\proposals\east moline\28th avenue and hill crest water main inspection\28th avenue and 4th street a water main inspection services proposal.docx



Hourly Rate Schedule

Principal In Charge.....	\$161.25/hr
Senior Project Manager	\$133.00/hr
Project Manager	\$124.00/hr
Project Engineer/Professional Engineer	\$121.00/hr
Survey Crew (Two Man).....	\$155.50/hr
Licensed Land Surveyor.....	\$126.75/hr
Licensed Structural Engineer	\$154.50/hr
Resident Engineer.....	\$105.50/hr
Engineering Intern.....	\$86.00/hr
CAD Technician.....	\$71.00/hr
Sr. Field/Design Technician	\$101.75/hr
Field/Design Technician III	\$92.50/hr
Field/Design Technician II.....	\$72.50/hr
Field/Design Technician I	\$63.50/hr
Clerical	\$62.75/hr
Nuclear Density Testing Equipment	\$12.00/test
Concrete Cylinder Testing.....	\$17.50/ea
Concrete Cylinder Molds	\$2.50/ea
Concrete Beam Testing	\$30.00/ea
GPS Equipment	\$400.00/day
Mileage.....	\$0.75/mi
Survey Pin with Cap.....	\$3.00/ea
Survey Equipment	\$15.00/hr
Concrete Monuments	\$60.00/ea
Copies (letter - ledger).....	\$0.20/ea - \$0.50/ea
Color Copies (letter - ledger).....	\$1.00/ea - \$2.00/ea
Prints/Plots/Copies (24" x 36").....	\$2.00/ea
Color Prints/Plots/Copies (24" x 36").....	\$5.00/ea
Per Diem.....	\$30/day
Lodging & Other Transportation.....	Cost
Sub-Consultants.....	Cost + 5%
Reimbursable Expenses.....	Cost +10%
Overtime Rates	Hourly Rate +35%
25% Surcharge for Depositions & Expert Witness Testimony	

Effective 7/5/15

Rates subject to change.

u:\acct\misc\hourly rate schedule effective 7-2-15.doc



COMMITTEE OF THE WHOLE

Title 2016 MFT Maintenance Program

Date: May 2, 2016

Agenda Item #3 Presented By: Kammler - Director of Engineering

Description:

In accordance with the FY2016 Capital Improvement Plan, the Engineering Department has prepared plans and specifications for the use of Motor Fuel Tax funds as follows:

- Scarification & Sealcoat: Various Streets (see attached map)
- Hot-Mix Asphalt Overlay: 26th Avenue Court (5th St to N. end), 6th Street (15th Av - 17th Av)
- Concrete Patching: Kennedy Drive (South of AOTC), Oaklawn Avenue (near 7th St, west)
Morton Drive (13th Street to IL Route 5)

Budget numbers for each improvement type are Sealcoat = \$100,000; Hot-Mix Asphalt = \$205,000; PCC Patching = \$355,000. Maps of the recommended improvement areas are attached for review and reference. Complete specifications and bidding documents are available for review and comment at the East Moline Engineering & Maintenance Facility. Bid lettings will be scheduled after COW approval, and a complete tabulation of bids and formal recommendation for award of contract (pending reasonable bid prices) will be forthcoming to the City Council at a meeting subsequent to the bid lettings.

FINANCIAL

Is this a budgeted item? Yes ___ No X

Line Item # 950-4300-452.0 Title: MFT Construction

Amount Budgeted: \$660,000

Actual Cost: T.B.D.

Under/(Over): _____

Funding Sources:

Motor Fuel Tax funds

Departments:

Is this item in the CIP? Yes X No ___ CIP Project Number: 13-07, 16-03, 16-04, 16-05, 16-06



COMMITTEE OF THE WHOLE

Any previous Council actions:

Action	Date
<u>Approved 2016 CIP, Budget</u>	_____
_____	_____

Recommendation:

Approve the 2016 Motor Fuel Tax Maintenance Projects to proceed to bid letting.

Pending COW approval, three (3) separate bid lettings will be conducted, bid results compiled and coordinated with IDOT, and construction contracts brought to Council for consideration of award.

Required Action:

ORDINANCE _____ RESOLUTION X NO ACTION REQUIRED _____

Regular Meeting Date for Action May 16, 2016

Additional Comments:

We are combining sealcoat, hot-mix-asphalt resurfacing, and pcc patching together for one resolution. Results in simpler accounting with IDOT.

MOTION BY _____ SECONDED BY _____
 TO _____

CITY COUNCIL VOTES

VOTES	HELEN HELAND	GARY ALMRLADE	NANCY MULCAHEY	ID DEJAYNES	HUMBERTO AGUILAR	ROBERT CHEFFER	GARY WESTBROOK
YES							
NO							
SENT							
ABSTAIN							

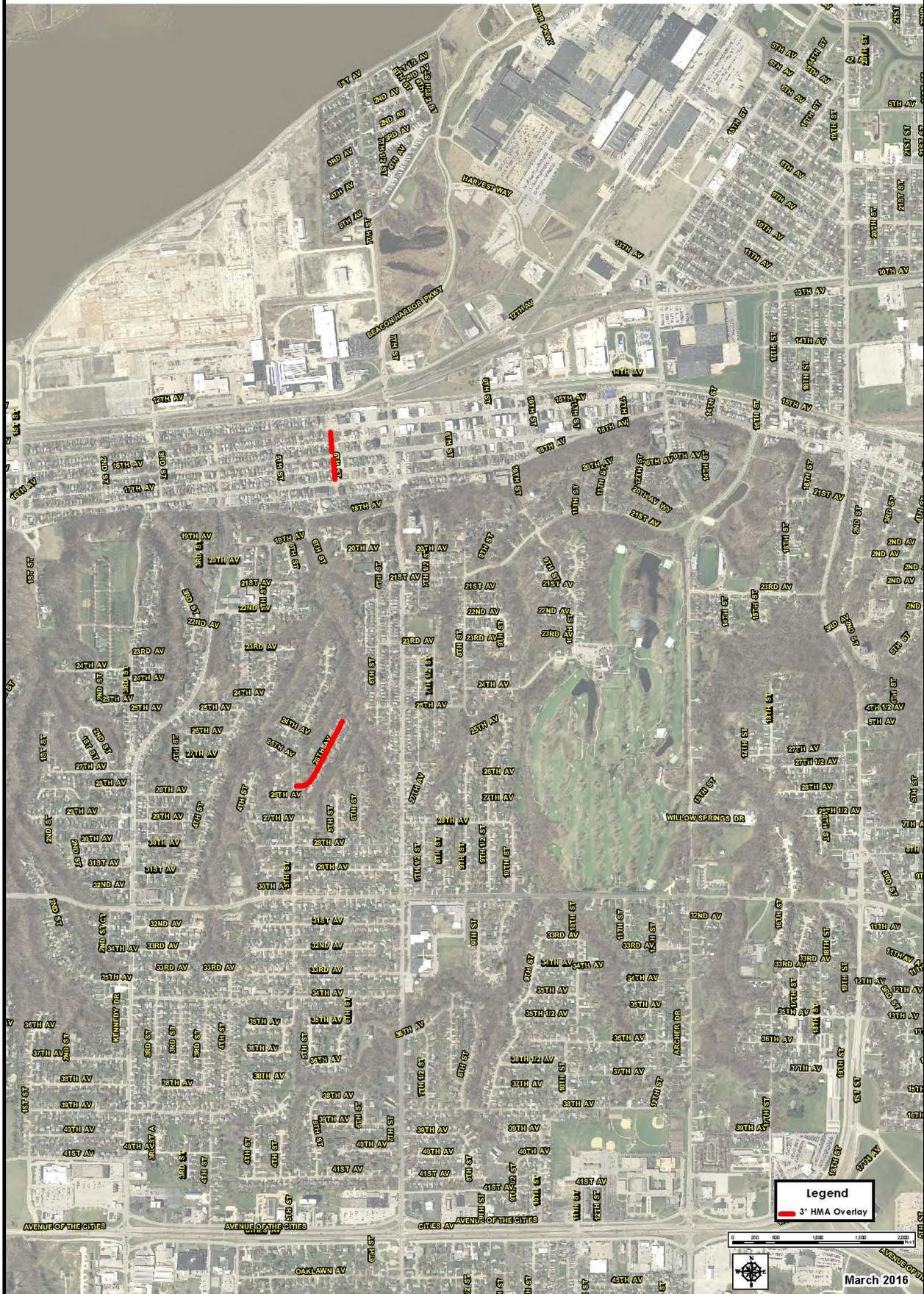


2016 Street Improvement Program Sealcoat and Dry Scarify



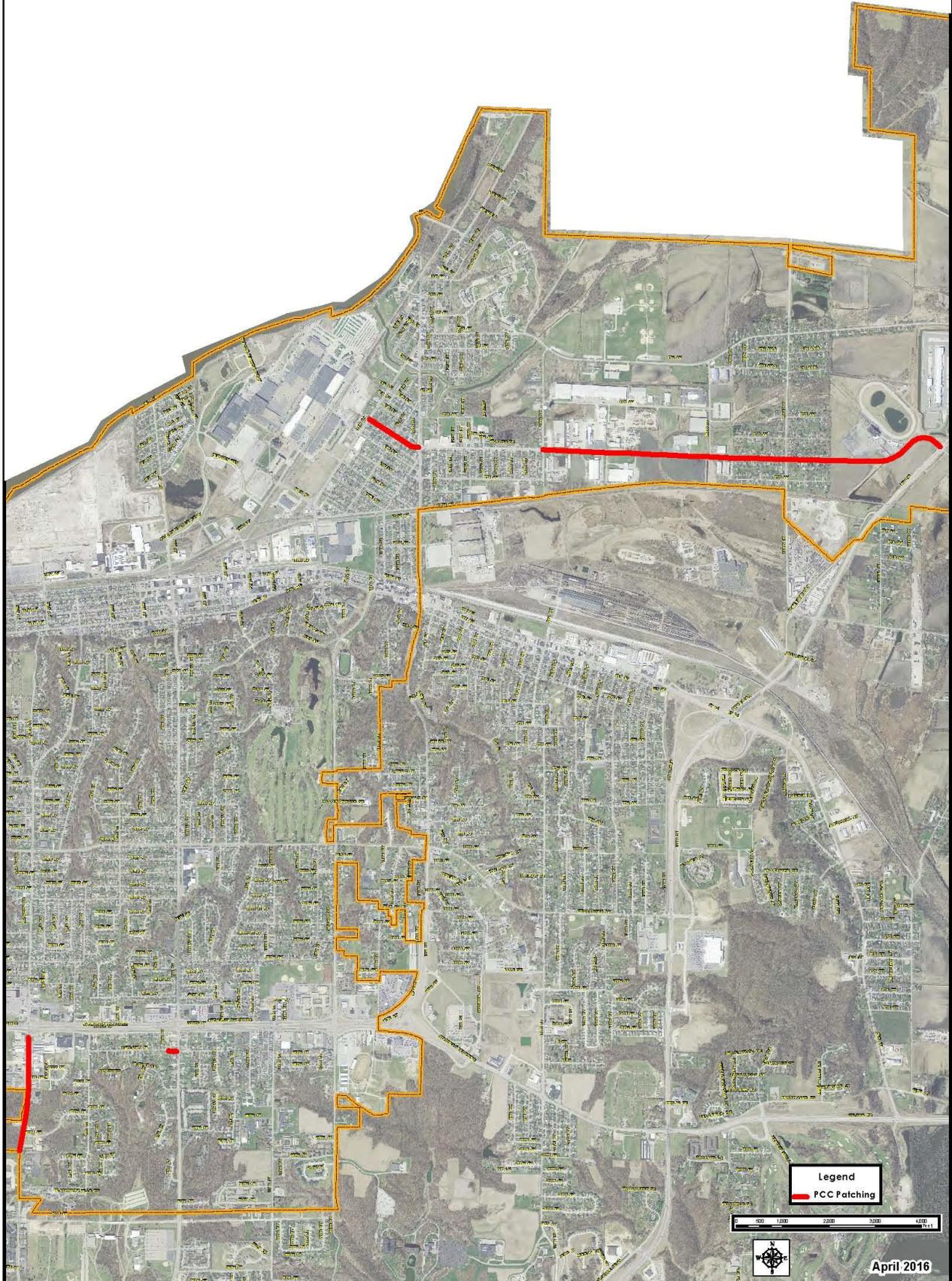


2016 Street Improvement Program Hot Mix Asphalt





2016 Street Improvement Program PCC Pavement Patching





COMMITTEE OF THE WHOLE

Title 7th Street Retaining Wall Re-Facing

Date: May 2, 2016

Agenda Item #4 Presented By: Kammler - Director of Engineering

Description:

The modular block facing of the northern-most west-side 7th Street retaining wall collapsed in the early morning hours of August 26, 2015. Significant investigation was performed by McClure Engineering Associates, Inc. as to the reason for the collapse. In a letter dated 9/2/15 previously distributed to Council, McClure concluded that "block facing failed due to the deterioration and/or disintegration of the metal straps connecting it to the sheet pile wall" in addition to other contributing factors such as poor drainage above, water infiltration, and other items referenced in this letter. Subsequent to receipt of the engineer's findings, the Engineering Department coordinated emergency repairs and clean-up to the wall and light standards. Approximately \$9,000 has been spent by the city on these efforts, which has included clean-up operations, metal strap removal, new block "end-walls", and and restoration (bending & welding) and re-erection of light standards. At this point, the Engineering Department is requesting direction from the City Council on how to proceed with additional work to re-face the sheet piling and provide a more aesthetic look along this primary traffic artery of the city. To facilitate discussion, McClure Engineering previously provided a letter dated 11/16/15 with several treatment options and estimated costs for re-facing the exposed sheet piling. This letter is attached for review and reference. While the options mentioned in the letter are by no-means exclusive, they represent a number of reasonably aesthetic treatments available for a fairly low-budget price tag. As a reminder, McClure Engineering previously offered to contribute to this cause; their letter to this effect is also attached. During discussion at COW in December 2016, there seemed to be a general consensus to sand-blast and paint the sheet piling, but no formal action was taken or recommendation voted upon.

FINANCIAL

Is this a budgeted item? Yes ___ No X

Line Item # _____ Title: _____

Amount Budgeted: _____

Actual Cost: T.B.D.

Under/(Over): _____

Funding Sources:

Insurance Reserve

Departments:

Is this item in the CIP? Yes ___ No X CIP Project Number: _____



COMMITTEE OF THE WHOLE

Any previous Council actions:

Action	Date
_____	_____
_____	_____

Recommendation:

Discuss options and approve a recommendation for re-facing the exposed 7th Street sheet piling wall.

Required Action:

ORDINANCE _____ RESOLUTION X NO ACTION REQUIRED _____

Regular Meeting Date for Action May 16, 2016

Additional Comments:

See attached letters from McClure Engineering.

MOTION BY _____ SECONDED BY _____
TO _____

CITY COUNCIL VOTES

VOTES	HELEN HELAND	GARY ALMRLADE	NANCY MULCAHEY	ID DEJAYNES	HUMBERTO AGUILAR	ROBERT CHEFFER	GARY WESTBROOK
YES							
NO							
SENT							
ABSTAIN							

November 16, 2015

Mr. Tim Kammler, Director of Engineering
City of East Moline
1200 – 13th Avenue
East Moline, IL 61244

RE: 7th Street Retaining Wall Facing Options
MEAI No. EM 01-01-15-229

Dear Mr. Kammler:

Introduction:

A letter report dated September 2, 2015 was prepared by McClure Engineering Associates, Inc. (MEAI) to address observations made, likely causes, and recommended options for treatment of the collapsed decorative portions of the retaining wall along 7th Street in East Moline, Illinois. We understand the report has been reviewed by various officials with the City of East Moline, including the City Council, to select a course of action with regard to treating the remaining wall and/or replacing the decorative wall face. This letter report is to further refine the treatment options previously outlined with added options for replacing the decorative wall face.

Previous Findings and Baseline Recommended Actions:

As stated in MEAI letter report dated September 2, 2015, the failure area appeared to be limited to the decorative segmental block facing and its connection to the sheet pile wall. The sheet pile wall behind the segmental block face remains in good structural condition, functioning properly, with no signs of distress observed. The sheet pile wall was designed as the structural element, i.e. the member acting as the retaining wall, and will continue to function as such.

However, the drainage swale originally constructed behind the wall has silted in and woody vegetative growth has been allowed to establish near the wall through lack of maintenance. This contributed to additional moisture being allowed to enter the space between the block facing and the sheet pile and accelerated deterioration of the metal straps connecting the decorative facing to the sheet pile.

Given the outlined observations and conclusions, we recommended that the remaining modular block facing elements and the granular infill material be removed during the cleanup efforts. We understand this action was undertaken by Laud Construction. In addition, at a minimum, we recommended the following:

November 16, 2015
Mr. Tim Kammler, Director of Engineering
City of East Moline

RE: 7th Street Retaining Wall Facing Options
MEAI No. EM 01-01-15-229

Page 2

1. Remove all remaining metal straps from the front of the sheet pile retaining wall. (We understand that the metal straps have since been removed by Laud and a landscaper has finished/refined the ends of the remaining segmental block walls.) Note that it is our opinion that the steel angles may remain in place pending the decorative wall face option to be selected.
2. Clean (power wash) the newly exposed face of the sheet pile retaining wall including removing penetrating roots, soil and granular materials adhered to the wall face.
3. Restore the drainage swale behind the wall and continue to maintain. This is a maintenance item integral with the long term overall performance of the retaining wall.
4. Make minor repairs to the concrete cap as needed.

The actions as outlined in Item 1 above have already been performed and those costs already incurred. We estimate the cost for the three (3) remaining recommended actions to be approximately \$38,000.

Provided the above actions are taken, and with regular maintenance and inspection, it is MEAI's opinion that the retaining wall should continue to function sufficiently throughout its remaining anticipated life span, an estimated 35 years. No additional treatment, facing or support elements are required. An example of a similar retaining wall in the City of Moline is shown in the photographs in Attachment A.

Additional Options:

However, if a replacement decorative facing on the retaining wall is desired, several options are available for the City to pursue. Five (5) options were briefly discussed in MEAI letter report dated September 2, 2015. However, at this time, the City is requesting that three (3) different options be discussed, particularly, one for a short segmental block wall with a metal siding facing above, and one for a short segmental block wall with an EIFS (exterior insulated finish system) type facing above, and one for a "green" wall. These options are briefly described below along with an estimate of cost for each.

1. A short (< 3 feet) segmental block wall could be constructed along the existing ground surface profile, embedded as recommended per the block manufacturer, and backfilled with a granular, drainable material. Metal siding could then be placed at the top of the wall and extend to the concrete pile cap for the sheet pile wall. The finished look would be similar to that of a pre-engineered metal building with a perimeter knee wall. Girts would likely have to be attached to the sheet pile wall to provide an attachment for the metal siding. The color of the siding could be selected

November 16, 2015
Mr. Tim Kammler, Director of Engineering
City of East Moline

RE: 7th Street Retaining Wall Facing Options
MEAI No. EM 01-01-15-229

Page 3

by the City as well as the color and face texture for the segmental block. A preliminary sketch of this type of facing is shown in Attachment B. We estimate that the construction cost for this option would be approximately \$39,600, not including engineering design, plan preparation, construction administration or inspection services. This option will likely require minimal maintenance which includes periodic cleaning, and repair and/or replacement of damaged or vandalized panels. Metal siding will rust and eventually need to be replaced, and, as noted in the previous letter report, the modular block is anticipated to have a life expectancy of 15 to 20 years.

2. Alternately, a short (< 3 feet) segmental block wall could be constructed along the existing ground surface profile, embedded as recommended per the block manufacturer, and backfilled with a granular, drainable material similar to the above option, but topped with a type of EIFS system. This system would also be placed at the top of the wall and extend to the concrete pile cap for the sheet pile wall. Several different types of finished looks would be available for the City to choose from. In addition, as with the first option, the color and face texture of the segmental block could also be selected. A preliminary sketch of this type of facing is shown in Attachment C. We estimate that the construction cost for this option would be approximately \$59,400, not including engineering design, plan preparation, construction administration or inspection services. This option will likely require minimal maintenance which includes periodic cleaning, and repair and/or replacement of damaged or vandalized panels. An EIFS system is predominantly Styrofoam, and it will not take much to damage it. In addition, an EIFS system will deteriorate with water infiltration and therefore a critical maintenance item would be to maintain proper drainage behind the wall (i.e. the drainage swale). Therefore, the life expectancy may be less than that of the metal siding option, with the modular block life expectancy to be that as noted above.
3. The third option would be that of a "green" wall, or one in which the existing sheet pile wall remains as-is and selected vines or overgrowth are allowed to cascade or creep up along the wall face to create a natural/green look. We estimate that the construction cost for this option would be approximately \$12,500, not including engineering design, plan preparation, construction administration or inspection services. This option, too, will likely require minimal maintenance which would include encouraging the correct vegetation, direction and limits of growth, and removing unwanted vegetation/growth. As with the other options, proper maintenance of the drainage swale would also be required. The modular block life expectancy would be similar to that noted above.

November 16, 2015
Mr. Tim Kammler, Director of Engineering
City of East Moline

RE: 7th Street Retaining Wall Facing Options
MEAI No. EM 01-01-15-229

Page 4

The key to the successful performance of all of the above systems is the proper control of drainage and the maintenance of the swale at the top of the wall. If the City is interested in further pursuing either of the above options, we recommend another cost estimate be obtained from a contractor qualified to perform such services.

If you should have any questions or would like to discuss this report further please don't hesitate to contact us at (309) 792-9350.

Sincerely,
McClure Engineering Associates, Inc.



Ali A. Gharamti, P.E.
Chief Structural Engineer

Enc.

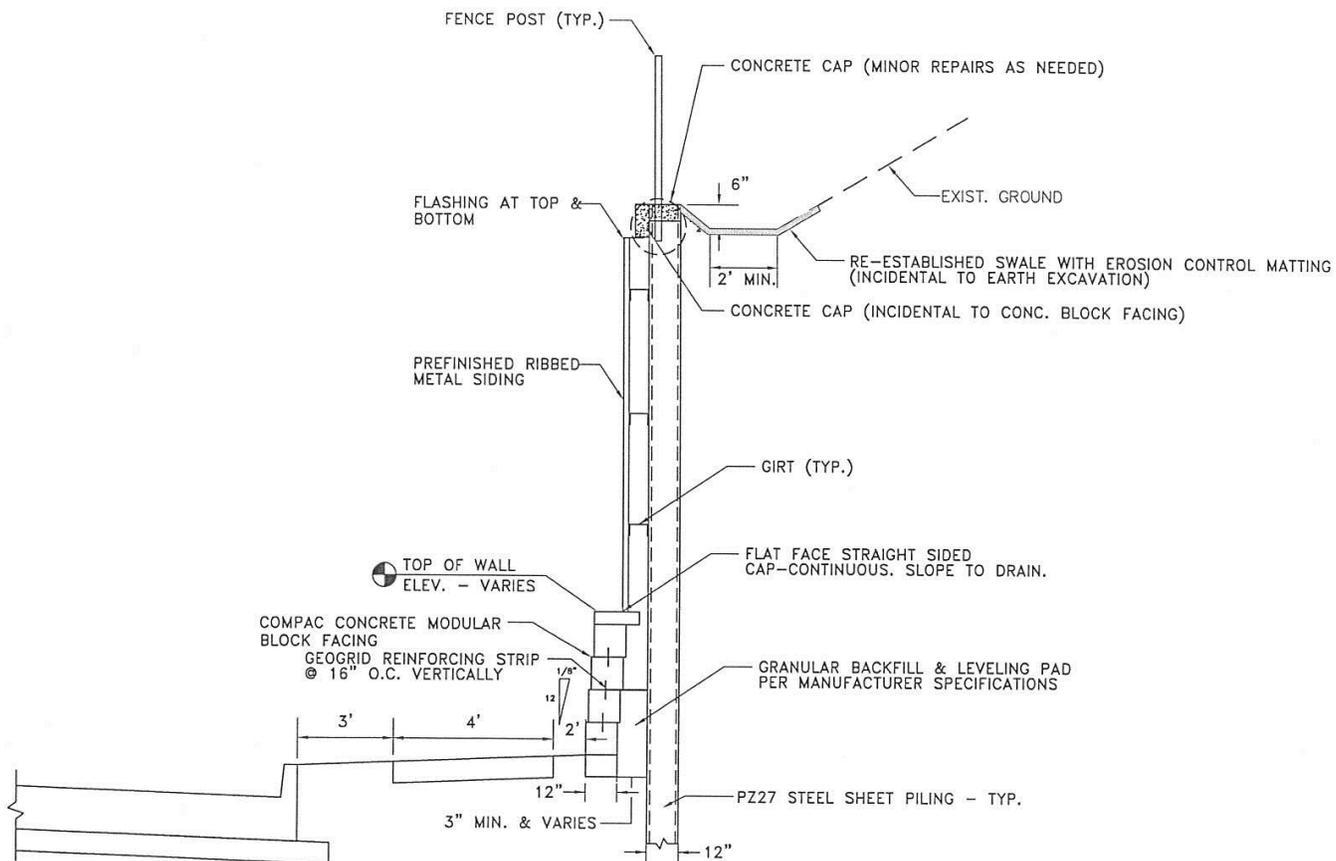
- Attachment A Photographic Example of a Local Sheet Pile Retaining Wall
- Attachment B Sketch of segmental block knee wall with metal siding above
- Attachment C Sketch of segmental block knee wall with EIFS above

ATTACHMENT "A"

Example Exposed Sheet Pile Retaining Wall



ATTACHMENT "B"

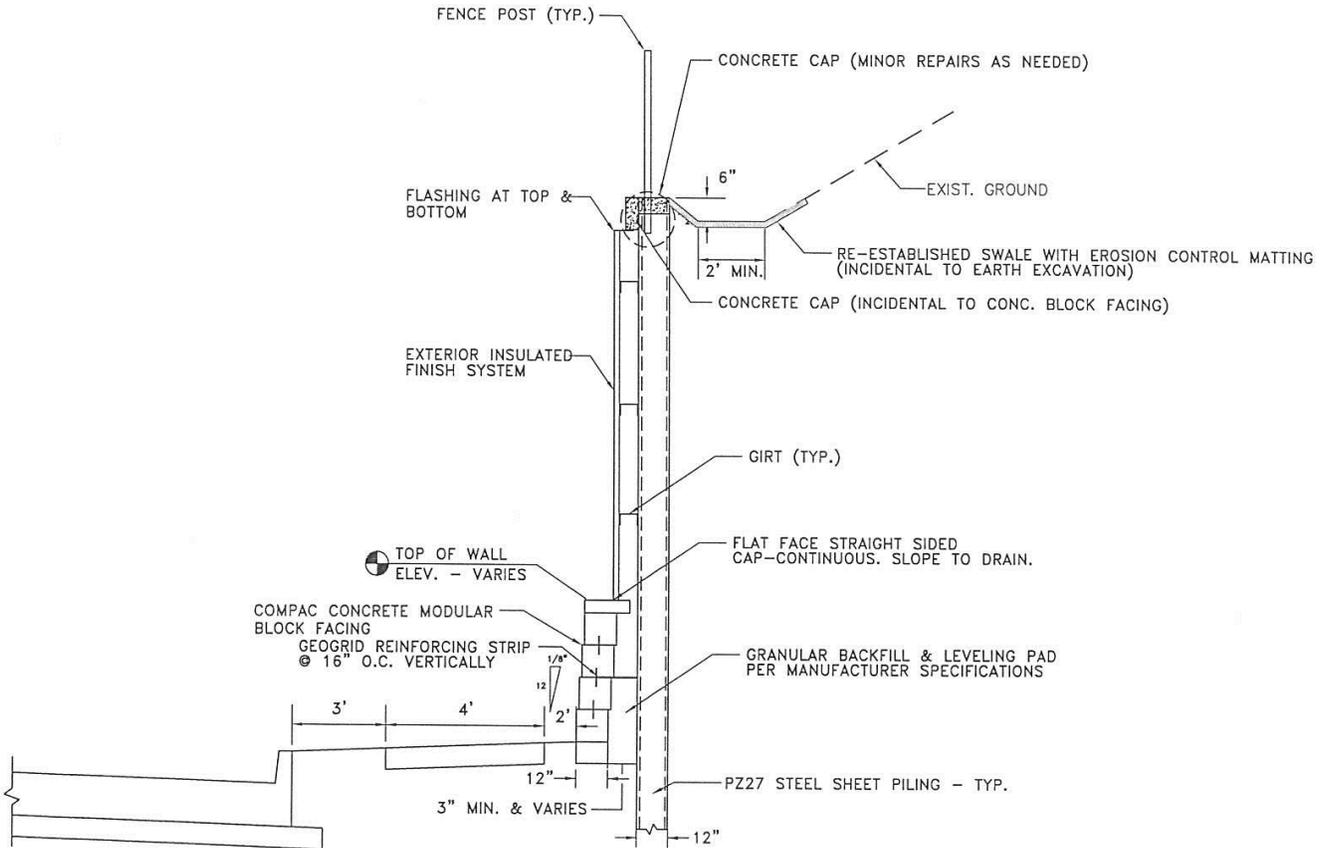


TYPICAL WALL FACING SECTION OPTION 1

NOT TO SCALE

**SHEET PILE
BLOCK FACING**

ATTACHMENT "C"



TYPICAL WALL FACING SECTION OPTION 2

NOT TO SCALE

**SHEET PILE
BLOCK FACING**



December 3, 2015

Hon. John Thodos, Mayor
City of East Moline
912 – 16th Avenue
East Moline, IL 61244

SUBJECT: 7th Street Retaining Wall – East Moline, IL
MEAI No.: EM-01-01-15-229

Dear Mayor Thodos:

In accordance with requests from staff and officials, past discussions and the content of our past letter-reports, we provide the following commentary:

In essence, without restating the various limitations of liability and potential contributions from the City, a defunct general contractor, sub-contractor and suppliers, we have no interest in walking away from the City on this issue given our excellent and longstanding relationship. In addition to the beneficial use of the decorative portion of the wall for over 15 years, the structural portion of the wall is functioning as intended.

To date we have incurred \$4,781 in labor and direct expense for the letter-reports, investigations, analysis, options and cost estimates which we do not intend to invoice the City for, but are providing as in-kind services to offset the City's expense had we not performed these services. In addition, we would provide additional in-kind services at no cost to the City for developing plans, specifications, bidding, administration, observation and project closeout.

Without knowing which course of action the City will take, it's somewhat difficult to make a specific proposal for our participation, but I will outline our thoughts for the two most logical beyond the "do nothing" option.

For the "constructed" decorative wall options, McClure would provide the above stated services which would amount to approximately \$6,000 to \$10,000 in addition to the \$4,800 already contributed.

For the "green" wall option, the costs and future in-kind services would be minimal, so we would provide a \$2,500 credit on current or future work with the City in addition to the \$4,800 already contributed.

December 3, 2015
7th Street Retaining Wall – East Moline
Page 2 of 2

As always, we look forward to our continued relationship with the City. If you have any questions or comments or require any additional information, please do not hesitate to contact us.

Sincerely,

McCLURE ENGINEERING ASSOCIATES, INC.



Brett J. Fetter, PE
President – CEO

cc: T. Kammler – City Engineer
M. Janecek, A. Gharamti, S. Math - McClure

BJF:rumi
F:\E\FEM 7th St Wall Ltr.Doc



COMMITTEE OF THE WHOLE

Title Squad Car Replacement

Date: May 2, 2016

Agenda Item #5 Presented By: Captain Reagan

Description:

A squad was involved in a crash on April 18, 2016. The cost to repair the 2014 Ford Interceptor Utility was \$25,470.99. 3 quotes were received for a 2017 Ford Interceptor Utility squad. The lowest quote is \$28,505.10 from Reynolds Ford. The equipment from the 2014 can be put in the 2017 except for the push bumpers. The difference in the cost of a new squad and the cost to repair the current squad is \$3024.11. Additionally, the cost to move the equipment and replace the push bumper is approximately \$2500.

FINANCIAL

Is this a budgeted item? Yes No

Line Item# _____ Title: _____

Amount Budgeted: _____

Actual Cost: \$30,995.10

Under/(Over): (30,995.10)

Funding Sources:

Insurance Reserve 016-4900-521.1 _____

PD department projects 011-2263.00 _____

Departments:

Is this item in the CIP? Yes No CIP Project Number: _____



COMMITTEE OF THE WHOLE

Any previous Council actions:

Action	Date
_____	_____
_____	_____

Recommendation:

Authorize the purchase of a new squad car from Reynolds Ford to replace the damaged 518 using insurance reserve funds (\$25,470.99) and police department projects funds (not to exceed \$5,524.11) for the difference between repair cost and replacement cost, new push bumper and cost to move equipment.

Required Action:

ORDINANCE _____ RESOLUTION X NO ACTION REQUIRED _____

Regular Meeting Date for Action May 16, 2016

Additional Comments:

Empty box for additional comments.

MOTION BY _____ SECONDED BY _____

TO _____

CITY COUNCIL VOTES

VOTES	HELEN HEILAND	GARY ALMBLADE	NANCY MULCAHEY	ED DEJAYNES	HUMBERTO AGUILAR	ROBERT CHEFFER	GARY WESTBROOK
YES							
NO							
SENT							
ABSTAIN							

2017 EXPLORER 4-DOOR

Order No: 9999 Priority: F4 Ord FIN: QD265 Order Type: 5B Price Level: 725
Ord Code: 500A Cust/Flt Name: EAST MOLINE PO Number:

	RETAIL	DLR INV		RETAIL	DLR INV
K8A 4DR AWD POLICE	\$31510	\$30407.00	59B KEY CODE B	\$50	\$49.00
.112.6" WB			60R NOISE SUPPRESS	100	95.00
G1 SHADOW BLACK			66C REAR LIGHT PKG	455	433.00
YZ POLICE WHITE			91A VINYL PACKAGE 1	840	797.00
9 CLTH BKTS/VNL R			FLEX-FUEL		
W EBONY BLACK			153 FRT LICENSE BKT	NC	NC
500A EQUIP GRP			SP DLR ACCT ADJ		(1341.00)
.PREM SINGLE CD			SP FLT ACCT CR		(923.00)
99R .3.7L V6 TIVCT	NC	NC	FUEL CHARGE		4.10
44C .6-SPD AUTO TRAN	NC	NC	B4A NET INV FLT OPT	NC	7.00
17T CARGO DOME LAMP	50	49.00	DEST AND DELIV	945	945.00
21P WIRING KIT-RR	130	123.00	TOTAL BASE AND OPTIONS	34455	31000.10
43D COURTESY DISABL	20	19.00	TOTAL	34455	31000.10
51Y DRV SDE SPT LMP	215	204.00	*THIS IS NOT AN INVOICE*		
52H DR LOCK PLUNGER	140	132.00			

F1=Help

F2=Return to Order

F3/F12=Veh Ord Menu

F4=Submit

F5=Add to Library

S099 - PRESS F4 TO SUBMIT

QC20067

Reynolds Ford

IL TITLE
M PLATE

\$ 28400.10

95.00

10.00

\$ 28505.10

CNGP530

VEHICLE ORDER CONFIRMATION

04/26/16 15:22:42

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Dealer: F41901

2017 EXPLORER 4-DOOR

Page: 1 of 2

Order No: 7777 Priority: F4 Ord FIN: QD255 Order Type: 5B Price Level: 725

Ord Code: 500A Cust/Flt Name: EAST MOLINE P PO Number:

		RETAIL	DLR INV		RETAIL	DLR INV	
K8A	4DR AWD POLICE	\$31510	\$30407.00	47A	ENGINE IDLE	\$260	\$248.00
	.112.6" WB			47C	WIRING KIT-FRT	105	100.00
G1	SHADOW BLACK			51Y	DRV SDE SPT LMP	215	204.00
YZ	POLICE WHITE			59B	KEY CODE B	50	49.00
9	CLTH BKTS/VNL R			60A	GRILL WIRING	50	49.00
W	EBONY BLACK			60R	NOISE SUPPRESS	100	95.00
500A	EQUIP GRP			66C	REAR LIGHT PKG	455	433.00
	.PREM SINGLE CD						
99R	.3.7L V6 TIVCT	NC	NC	TOTAL BASE AND OPTIONS			35115 31585.10
44C	.6-SPD AUTO TRAN	NC	NC	TOTAL			35115 31585.10
53M	SYNC SYSTEM	295	280.00	*THIS IS NOT AN INVOICE*			
17T	CARGO DOME LAMP	50	49.00	*TOTAL PRICE EXCLUDES COMP PRICE ALLOW*			
21P	WIRING KIT-RR	130	123.00				
41H	ENG BLK HEATER	90	86.00	* MORE ORDER INFO NEXT PAGE *			
43D	COURTESY DISABL	20	19.00				

F1=Help

F2=Return to Order

F8=Next

F4=Submit

F5=Add to Library

F3/F12=Veh Ord Menu

S006 - MORE DATA IS AVAILABLE.

F9=View Trailers

fmcdealr@Jacobs

QC09095

Apr 26, 2016 2:22:55 PM

310 IS : \$ 29,085¹⁰



STEVE JACOBS
Fleet Sales
sjacobs@courtesyfordqc.com

3921 West River Dr.
Davenport, IA 52802
(563) 326-4011
Fax (563) 326-3912

CourtesyFordqc.com

2017

CNGP530

VEHICLE ORDER CONFIRMATION

04/27/16 14:48:53

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Dealer: F41526

2017 EXPLORER 4-DOOR

Page: 1 of 2

Order No: D001 Priority: F4 Ord FIN: QD265 Order Type: 5B Price Level: 725

Ord Code: 500A Cust/Flt Name: EAST MOLINE PO Number:

		RETAIL	DLR INV			RETAIL	DLR INV
K8A	4DR AWD POLICE	\$31510	\$30407.00	51Y	DRV SDE SPT LMP	\$215	\$204.00
	.112.6" WB			52H	DR LOCK PLUNGER	140	132.00
G1	SHADOW BLACK			59B	KEY CODE B	50	49.00
YZ	POLICE WHITE			60A	GRILL WIRING	50	49.00
9	CLTH BKTS/VNL R			60R	NOISE SUPPRESS	100	95.00
W	EBONY BLACK			66C	REAR LIGHT PKG	455	433.00
500A	EQUIP GRP				REMARKS TRAILER		
	.PREM SINGLE CD			91A	VINYL PACKAGE 1	840	797.00
99R	.3.7L V6 TIVCT	NC	NC		FLEX-FUEL		
44C	.6-SPD AUTO TRAN	NC	NC	153	FRT LICENSE BKT	NC	NC
17T	CARGO DOME LAMP	50	49.00		SP DLR ACCT ADJ		(1359.00)
21P	WIRING KIT-RR	130	123.00		SP FLT ACCT CR		(934.00)
43D	COURTESY DISABL	20	19.00		FUEL CHARGE		4.10
47A	ENGINE IDLE	260	248.00	B4A	NET INV FLT OPT	NC	7.00
47C	WIRING KIT-FRT	105	100.00		DEST AND DELIV	945	945.00

F1=Help F2=Return to Or
 F4=Submit F5=Add to Libra
 S006 - MORE DATA IS AVAILABLE.

TOTAL BASE AND OPTIONS 34870 31368.10
 TOTAL 34870 31368.10
 THIS IS NOT AN INVOICE
 TOTAL PRICE EXCLUDES COMP PRICE ALLOW

CHAD

THANK YOU FOR THE
 OPPORTUNITY FOR YOUR
 BUSINESS

YOUR COST
 31368.10
 + 200.00 PROFIT
 31568.10
 - 2700.00 GPC
 28,868.10

CLINTON AUTO GROUP
 LINDQUIST FORD

DON GREINER
 563-579-5996