

**AGENDA  
CITY OF ST. CHARLES, IL  
GOVERNMENT SERVICES COMMITTEE MEETING  
RONALD SILKAITIS, CHAIRMAN**

**MONDAY, JULY 22, 2019, 7:00 P.M  
CITY COUNCIL CHAMBERS  
2 E. MAIN STREET, ST. CHARLES, IL 60174**

**1. CALL TO ORDER**

**2. ROLL CALL**

**3. ADMINISTRATIVE**

- a. Electric Reliability Report – Information only.
- b. Natural Resources Commission Minutes – Information only.

**4. OMNIBUS VOTE**

**Items with an asterisk (\*)** are considered to be routine matters and will be enacted by one motion. There will be no separate discussion on these items unless a council member/citizen so requests, in which event the item will be removed from the consent agenda and considered in normal sequence on the agenda.

**5. POLICE DEPARTMENT**

- a. Recommendation to approve Street and Parking Lot Closures and Amplification for the 2019 Scarecrow Festival.
- \*b. Recommendation to approve the Closure of Parking Lot “B” and IDOT Resolutions for the Closure of Main St. (Route 64) from 6<sup>th</sup> Street to 2<sup>nd</sup> Avenue for Two High School Homecoming Parades.
- c. Recommendation to approve the Purchase of Three 2019 Ford Interceptor Taurus Sedans on the State Bid from Morrow Brothers Ford.

**6. PUBLIC WORKS DEPARTMENT**

- \*a. Recommendation to Approve Construction Contract for Crack Filling.
- \*b. Recommendation to approve Construction Contract the Demolition of 1734 Riverside Avenue.

- c. Recommendation to approve Professional Service Agreement for the Westside Wastewater Treatment Plant Expansion to Trotter and Associates, Inc.
- d. Recommendation to award the Proposal for SCADA Program Management – Phase 2 to Concentric Integration.
- e. Recommendation to approve Budget Addition for “Checkerboard” Parking Lot Site Improvements.
- f. Recommendation to award the Bid for City Hall “Checkerboard” Parking Lot Site Improvements.

**7. EXECUTIVE SESSION**

- Personnel – 5 ILCS 120/2(c)(1)
- Pending Litigation – 5 ILCS 120/2(c)(11)
- Probable or Imminent Litigation – 5 ILCS 120/2(c)(11)
- Property Acquisition – 5 ILCS 120/2(c)(5)
- Collective Bargaining – 5 ILCS 120/2(c)(2)
- Review of Executive Session Minutes – 5 ILCS 120/2(c)(21)

**8. ADDITIONAL ITEMS FROM MAYOR, COUNCIL, STAFF OR CITIZENS**

**9. ADJOURNMENT**

*ADA Compliance*

Any individual with a disability requesting a reasonable accommodation in order to participate in a public meeting should contact the ADA Coordinator, Jennifer McMahon, at least 48 hours in advance of the scheduled meeting. The ADA Coordinator can be reached in person at 2 East Main Street, St. Charles, IL, via telephone at 630 377 4446 or 800 526 0844 (TDD), or via e-mail at [jmcmahon@stcharlesil.gov](mailto:jmcmahon@stcharlesil.gov). Every effort will be made to allow for meeting participation. Notices of this meeting were posted consistent with the requirements of 5 ILCS 120/1 et seq. (Open Meetings Act).



**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 3.a

Title: Electric Reliability Report – Information Only

Presenter: Tom Bruhl

Meeting: Government Services Committee

Date: July 22, 2019

Proposed Cost: \$

Budgeted Amount: \$

Not Budgeted:

**Executive Summary** *(if not budgeted please explain):*

For Information Only.

**Attachments** *(please list):*

June 2019 Outage Report

June 2019 Streetlight Repair Report

**Recommendation/Suggested Action** *(briefly explain):*

For information only.

City of St. Charles  
June 2019 Outages

OUTAGE No.	DATE	TIME OFF	TIME ON (Min)	AREA AFFECTED	CIRCUIT No.	CAUSE/RESPONSE	NO. OF CUST.	OUTAGE MINUTES	MAJOR CATEGORY	SUB CATEGORY
1	6/1/2019	11:07 PM	0	Foxfield on the north, Kirk Rd. on the east, Production on the south, and Dunham on the west.	715	Mouse in switchgear - automatic reclose.	463	0	Animal	Mouse
1	6/2/2019	11:45 AM	30	Foxfield, Hampton Inn, Bank, outpatient clinic.	715	Mouse in switchgear - switch out affected span to clean and test and put back in service.	3	90	Animal	Mouse
2	6/12/2019	7:57 AM	0	Large sections of northeast and southeast quadrants.	L13154	ComEd had an instantaneous operation on 13154. They had 13156, 11167 abnormal and that load on 13154 causing loss of power to all 3. Cause unknown/undetermined. No action taken, ComEd patrolled line, no cause found.	2665	0	ComEd	L13154
3	6/26/2019	7:05 PM	0	Rt. 31 corridor from RR tracks to northern city border. Includes Timbers, Wildrose Springs, North High School, Rivers Edge, and the Reserve.	224	Cause unknown - suspect lightning. City crews patrolled the line on 6/27/19.	613	0	Unknown	12.47-kV
4	6/26/2019	7:07 PM	0	Large sections of the SW quadrant and part of Renaux Manor north of Rt. 64.	L56931	15 second momentary outage. Loss of ComEd 56931. No action taken. OA-RA.	2896	0	ComEd	L56931
5	6/30/2019	1:48 AM	56	Downtown, Sub 3/Bay 1, Sub 6/Bay 1, Costco, Randall, W. Main, Prairie, Rt. 38, Lowes, 7th Ave., Rt. 25, Indiana Ave., PW Complex, State St., Cedar St., E. Main, Hunt Club, Q-Center	13150	ComEd 13150 lock-out. Down wire in West Chicago. Switched around 13150, moved load to 7962 and 56931. City Hall Sub customers restored first.	2627	147,112	ComEd	13150
5	6/30/2019	1:48 AM	67	Downtown, Sub 3/Bay 1, Sub 6/Bay 1, Costco, Randall, W. Main, Prairie, Rt. 38, Lowes, 7th Ave., Rt. 25, Indiana Ave., PW Complex, State St., Cedar St., E. Main, Hunt Club, Q-Center	13150	ComEd 13150 lock-out. Down wire in West Chicago. Switched around 13150, moved load to 7962 and 56931. Prairie Street Substation customers restored shortly after City Hall Sub.	407	27,269	ComEd	13150
6	6/30/2019	1:54 PM	40	CMD, Sub 5, Transformer 3, Cumberland, Patricia, Division, Ohio, Kautz, 37th Ave.	13156	No power. Loss of ComEd 13156, lock-out. Switched load to 13155-11167. ComEd line problem south of St. Charles in Geneva.	557	22,280	ComEd	13156
7	6/30/2019	2:17 PM	103	200-300 block of N. 7th St.	226	Storm blew down large tree limb. Removed tree and put wires back.	6	618	Weather	Wind
<b>Total of Interrupted Minutes</b>								<b>197,369</b>		
<b>Total SAIDI*</b>							<b>12.591</b>			
<b>Total of ComEd Interrupted Minutes</b>								<b>196,661</b>		
<b>Total SAIDI without ComEd</b>							<b>0.045</b>			
*System Average Interruption Duration Index (SAIDI)										

# Streetlight Repair Report

Expectation: Streetlights will be repaired within 10 days of notification.

Fiscal Year	Number of Lights Repaired	Average Days to Repair
2019	873	5.7

## 2020

Month Light Was Repaired	Number of Lights Repaired	Average Days to Repair
May	27	10.0
June	27	5.7
July		
August		
September		
October		
November		
December		
January		
February		
March		
April		



**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 3.b

Title: Natural Resources Commission Minutes – Information only

Presenter: AJ Reineking

Meeting: Government Services Committee                      Date: July 22, 2019

Proposed Cost: \$ n/a                      Budgeted Amount: \$                      Not Budgeted:

**Executive Summary** *(if not budgeted please explain):*

A duty of the Natural Resources Commission is to advise and consult with the Government Services Committee. The June 13, 2019 Natural Resources Commission meeting minutes are attached.

**Attachments** *(please list):*

\* Natural Resources Commission Minutes – June 2019 meeting minutes.

**Recommendation/Suggested Action** *(briefly explain):*

For information only.

**MINUTES  
CITY OF ST. CHARLES  
NATURAL RESOURCES COMMISSION MEETING  
RALPH GRATHOFF, CHAIRMAN  
JUNE 13, 2019**

**Members Present:** Chairman Ralph Grathoff, Kathy Brens, Heather Goudreau, Lee Haggas, Jillian Leturno, Suzi Myers, Loren Nagy, Pam Otto, Caroline Wilfong

**Members Absent:** Isabella Bernat, Jon Duerr, Chloe Fanning, Tom Galante, Ryan Johnson, Claire Norman

**Others Present:** Chris Adesso, Marcelline D'Argento, AJ Reineking

**Visitors Present:** Kristen Sernett

**1. Call to Order & Pledge of Allegiance**

The meeting was convened by Chair. Grathoff at 7:01 p.m.

**2. Introduction of Visitors, Comments and Concerns**

Kristen Sernett re-introduced herself to all present [Ms. Sernett previously attended the February 2019 Natural Resources Commission {NRC} meeting]. Ms. Sernett requested the NRC's assistance in obtaining a "geese crossing" sign to be placed on Riverside Avenue by Langum Park. Mr. Adesso explained the State of Illinois Department of Transportation [IDOT] is responsible for the right-of-way at the above location, and the City of St. Charles is not authorized to install signage there. Mr. Adesso stated IDOT had informed him that signs such as "geese crossing" generally do not work to prevent accidents. IDOT declined the request to install a sign.

**3. Minutes Review and Approval**

Motion to approve and place into the public record the minutes of the May 9, 2019 NRC meeting. Motion by Comm. Otto, second by Comm. Goudreau to approve the minutes. Voice vote: unanimous; nays – none. Motion carried at 7:12 p.m.

**4. Old Business**

**A. Arbor Day**

Chair. Grathoff briefly restated the NRC's prior discussion regarding the change in venue for the City's Arbor Day celebration [due to noise, limited parking, etc.]. Mount Saint Mary Park was previously suggested as a possible location. Motion to change the location of the annual St. Charles Arbor Day celebration from Lincoln Park to Mount Saint Mary Park as of April 2020. Motion by Comm. Brens to change the location of the Arbor Day event, second by Comm. Nagy. Voice vote: unanimous; nays – none. Motion carried at 7:17 p.m.

**B. Storm Drain Markers**

Comm. Goudreau reported she and several Commissioners completed installation of the first group of storm drain medallions on June 6, 2019; the installations went well. Comm. Goudreau also reported a resident in the Grandview Court area of the city contacted the NRC via Facebook regarding installing storm drain markers in their neighborhood. Comm. Goudreau will contact the resident and explain the process.

The Commissioners agreed to meet again to install additional storm drain markers in target areas. The next group of markers will be installed on Thursday, July 18, 2019 at 6:00 p.m.

The Commissioners will meet at the parking lot near the Chamber of Commerce at 216 Riverside Avenue.

Comm. Otto suggested painting the embossed lettering on cast storm drains to highlight the “no dumping” wording.

**C. Greenest Region Compact Tool**

Mr. Adesso stated if the NRC is interested in supporting the mission and goals of the Greenest Region Compact, a resolution in support of the Compact should be submitted to the City Council.

**5. New Business**

Comm. Otto provided copies of a new edition of *Under the Canopy, A Guide Selecting, Planting and Caring for Trees in Illinois*. This publication was also offered to attendees at the 2019 Arbor Day event.

**6. Committee Reports**

**A. Education Committee**

Comm. Myers reviewed the next NRC article submissions for *The Den* newsletter: August, Comm. Johnson, Natives for Landscape; September, Comm. Nagy, Evergreens; and October, Comm. Haggas, Fall Clean-Up. Ms. D’Argento confirmed the July article regarding Pollinators was received from Student Comm. Bernat.

**B. Langum Woods Clean-Up Committee**

None.

**C. New Committee**

None.

**7. Public Services Division Tree Activity Reports April 2019**

Motion to approve and place into the public record the Public Services Division Tree Activity Reports for the month of May 2019. Motion by Comm. Myers, second by Comm. Brens. Voice vote: unanimous; nays – none. Motion carried at 7:45 p.m.

**8. Additional Items**

**A. Commissioners**

Comm. Haggas informed the NRC he recently volunteered and planted native plantings in Delnor Woods.

Comm. Myers described an agriculture tour she recently attended.

**B. City Staff**

Mr. Adesso informed the Commission the area at the base of the water tower at Red Gate Road was recently stabilized with native plantings to correct erosion.

**C. Visitors**

None.

**D. Adjournment**

Motion to adjourn the meeting. Motion by Comm. Brens, second by Comm. Myers. Voice vote: unanimous; nays – none. Motion carried at 8:00 p.m.



**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 5.a

Title:

Recommendation to Approve Street and Parking Lot Closures and Amplification for the 2019 Scarecrow Festival

Presenter:

Police Chief Keegan

Meeting: Government Services Committee

Date: July 22, 2019

Proposed Cost:

Police: \$20,892.40

Fire & EMA: \$2,379.50

PW: \$11,698.84

**Total: \$34,970.74**

Budgeted Amount: \$

Not Budgeted:

**Executive Summary** (if not budgeted please explain):

The 2019 Scarecrow Festival will be held on October 11-13, 2019. With the merge of the St. Charles Convention Bureau with the Downtown Partnership, the St. Charles Business Alliance will now sponsor and oversee this festival in coordination with Ravenswood Event Services.

Attached are the requested day/dates for parking lot and street closures. In addition, the Park District is requesting temporary “no parking by police order” signage to be installed from Thursday thru Sunday along the following routes:

- Second Avenue between Park Avenue and North Avenue;
- Second Avenue between North Avenue and Iroquois Avenue;
- North Avenue between Second Avenue and Fifth Avenue.

Event coordinators are also requesting permission to use directional signage on the public parkway and use of sound amplification during the event. The Police Department requests authorization to modify the planned use area where it is operationally necessary.

**Attachments** (please list):

\* Property Layout Maps for Scarecrow Festival \* Street Closure Request

**Recommendation/Suggested Action** (briefly explain):

Recommendation to approve street and parking lot closures and amplification for the 2019 Scarecrow Festival.

### Map Guide

**Load Closure.** Closed 5 p.m. to 11 p.m. on Friday, Oct. 10 to 11 p.m. on Saturday, Oct. 13.\*

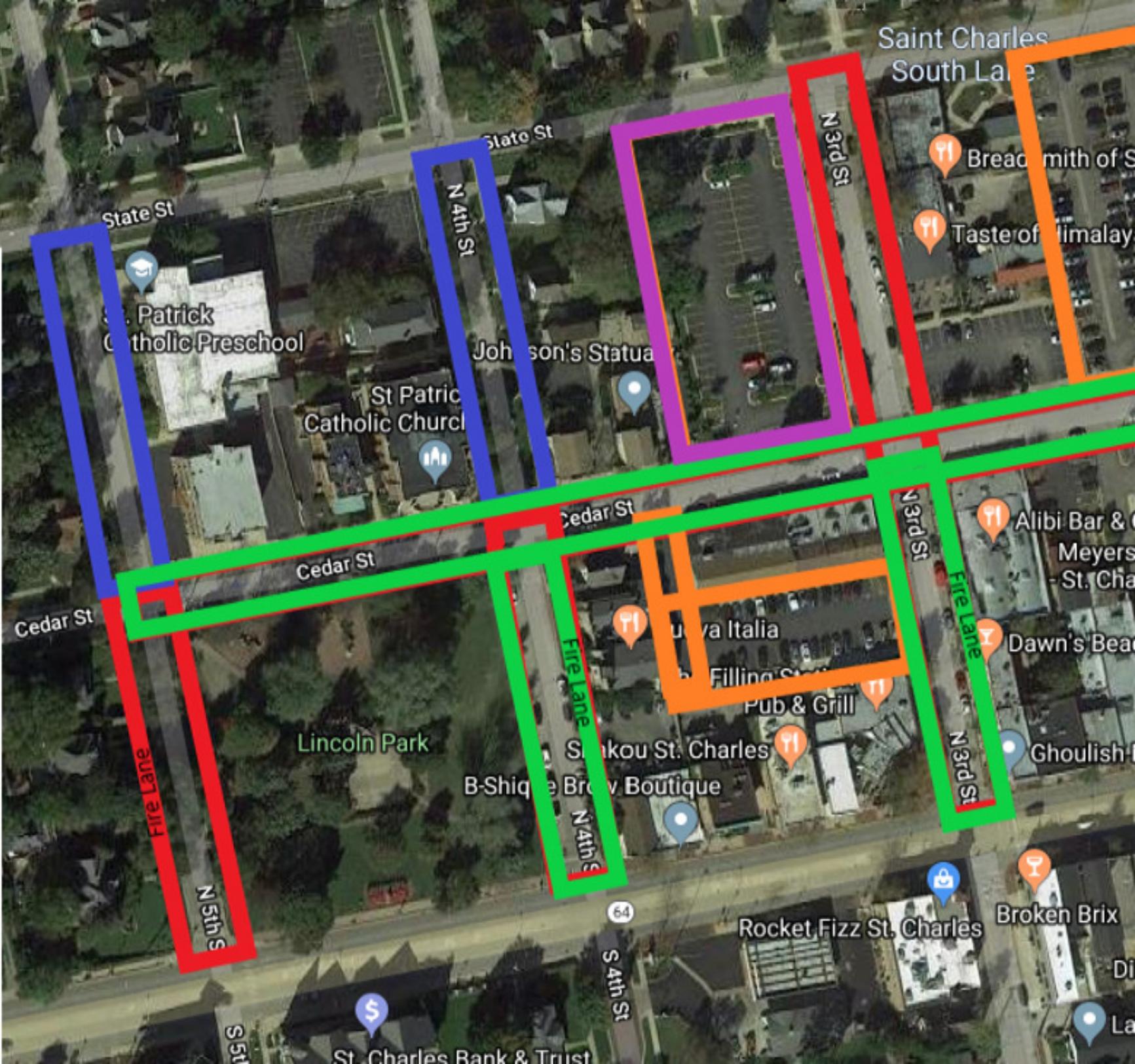
**Cap Parking Closure.** Closed 6 a.m. to 6 p.m. on Friday, Oct. 11 to 6 p.m. on Saturday, Oct. 13.

**Garage Lot Closure.** Closed 6 a.m. to 10 p.m. on Friday, Oct. 9 to 10 p.m. on Saturday, Oct. 13.

**Garage Lot Closure.** Closed 6 a.m. to 12 p.m. on Friday, Oct. 9 to 12 p.m. on Saturday, Oct. 14.

**Emergency Vehicle and Pedestrian Access.** Emergency vehicle and pedestrian access 9 p.m. to 9 a.m. on Saturday, Oct. 13.\*

One-way traffic on the street will be converted to a fire lane during the event hours (Fri-Sat 9 a.m. to 9 p.m. on Friday 9 a.m. to 6 p.m.). Delivery Vehicles will have limited access from 9 p.m. on Friday from Main to Cedar and from Cedar to N 5th St.



**Street Closings, Parking Lot & Designated Handicapped Parking Requests  
St. Charles Scarecrow Fest  
October 11-13, 2019 (including set-up October 9 & 10, 2019)**

**Parking Lot Closing Requests:**

***East of Fox River***

1. Municipal Lot (City Lot J) adjacent to Municipal Building, – Saturday and Sunday – for handicapped & volunteer parking only.
2. Municipal Lot (City Lot A) checkerboard lot at the corner of Main & Riverside – Saturday and Sunday – for handicapped parking only.

**Street Closing, Temporary One-Way, Handicapped Parking Requests:**

***West of Fox River***

1. Closure: North Third St. between Main & State Streets from Thurs 5am to Sun 11pm East side will be maintained as a fire lane during festival hours Fri-Sat 9am to 9pm, Sun 9am-6pm. (police, fire & delivery vehicles to be allowed access each night between 9pm-9am from Main to Cedar).
2. Closure: North Fourth St. between Main & Cedar Streets from Thurs 5am to Sun 11pm. East side will be maintained as a fire lane during festival hours Fri-Sat 9am to 9pm, Sun 9am-6pm. (police, fire & delivery vehicles to be allowed access each night between 9pm-9am from Main to Cedar).
3. Closure: North Fifth St. between Main & Cedar Streets from Thurs 5am to Sun 11pm. West side will be maintained as a fire lane and access for residents only.
4. Closure: Cedar St. between 2nd & 5<sup>th</sup> St. Thu 5am- Sun 11pm. One side of the street will be maintained as a fire lane during festival hours Fri-Sat 9am to 9pm, Sun 9am-6pm. (police, fire & delivery vehicles to be allowed access each night between 9pm-9am from 2nd & 5<sup>th</sup>).
5. Handicapped Parking: North Fifth St between Cedar and State Streets east side only handicapped parking: Fri at 6am to Sun at 6pm. (Signs need to be posted on Thursday.)
6. Handicapped Parking: North Fourth Street between Cedar and State Streets west side only from Friday at 6am to Sunday at 6pm. (Signs need to be posted on Thursday).
7. There will be No Parking Signs posted on North Fifth Street and North Fourth Street from Main St to Cedar St, North Third Street from Main St to State St and Cedar St between 2<sup>nd</sup> and 5<sup>th</sup> St.

**Parking Lot Closing Requests:**

***West of Fox River***

1. River Plaza Parking/City Lot “G” (west side of N. Second Street [Route 31] between Cedar and State Streets on Wed 6am to Sunday 10pm for Windy City Carnival.
2. Old VFW/City Lot “O” Wednesday at 6am to Monday at 12pm.
3. Old St. Charles Court/City Lot “L” Wednesday at 6am to Sun at 11pm.

**Additional Requests:**

1. All parking spaces on the south side of Cedar Street between Fourth and Fifth Streets to place dumpsters, toilets, and limited-time entertainment parking (with festival permit only). **Wednesday** 6am to Sunday 10pm.

2. Cedar Street at 3<sup>rd</sup> street, north side. Temporary NO parking in first three parking spots from corner to VFW lot entrance – for food storage trucks.
3. Permission to use walkway/courtyard to the south and west of the Municipal Center for children’s activities and select vendors.
4. Permission to place tents on Fourth Street between Main and Cedar Streets, west side.
5. Permission to place tents on Fifth Street between Main and Cedar Streets, east side – flush against the park.

**Scarecrow Festival 2019: October 11-13 (open to public dates)**

Lincoln Park & VFW tent set up (south side of park & gazebo) Wednesday and Thursday, October 10 & 11: 8am-10pm. As always, due consideration will be a priority for students of St. Patrick.

**Event Days**

Friday and Saturday October 11 and 12: 10am-6pm; (Lincoln Park to remain open until 9pm)  
Sunday, October 7: 10am – 5pm.

**Shuttles** (School buses)

Will run Friday, Saturday and Sunday from the carnival to the craft show in Pottawatomie Park.

**PROPERTY BEING REQUESTED FOR VENDING/SPONSOR AREAS:**

- Lincoln Park
- 5<sup>th</sup> Street from Cedar to Main
- 4<sup>th</sup> Street from Cedar to Main
- 3<sup>rd</sup> Street from Cedar to Main
- Old VFW lot
- Rt. 31 & Cedar Parking lot (for Carnival)
- Old St. Charles Parking Lot (Filling Station)
- Municipal lot
- Municipal Courtyard - checkerboard lot (Sat only)
- Commercial Riverwalk from Main Street to Pottawotamie Park



**City of St. Charles, Illinois**  
**Resolution No. \_\_\_\_\_**

**A Resolution Requesting the Closure of Routes 64 and 31 for the  
St. Charles East and North High School Homecoming Parades**

**Presented & Passed by the  
City Council on \_\_\_\_\_**

WHEREAS, the St. Charles North and East High Schools are sponsoring a Homecoming Parade in the City of St. Charles, and;

WHEREAS, these Parades will require the temporary closure of Main Street (Route 64) and Second Street (Route 31) state highways in the City of St. Charles, and;

WHEREAS, Section 4-408 of the Illinois Highway Code authorizes the Department of Transportation to issue permits to local authorities to temporarily close portions of state highways for such public purposes or needs as parades and local celebrations;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of St. Charles, Kane and DuPage Counties, Illinois, that permission to close Main Street (Route 64) and Second Street (Route 31) on Friday, September 6, 2019 from 12:45 p.m. to 2:30 p.m. for the St. Charles East High School Homecoming Parade and Friday, September 20, 2019 from 12:45 p.m. to 2:30 p.m. for the St. Charles East High School Homecoming Parade be requested of the Department of Transportation;

BE IT FURTHER RESOLVED that if such permission is granted by the Department of Transportation, all highway traffic during the periods of time specified shall be detoured over the following routes:

For westbound on Route 64: south on 5th Avenue (Route 25) to Illinois Avenue, west to 7th Street, north to Route 64. For southbound on Route 31: west on State Street from Route 31 to 7th Street, south on 7th Street to Illinois Street, east on Illinois Street to Route 31. For eastbound Route 64 and northbound Route 31, use the reverse route.

BE IT FURTHER RESOLVED that if such permission is granted by the Department of Transportation, the City of St. Charles assumes full responsibility for the direction, protection and regulation of the traffic during the time the detour is in effect, and all liabilities for damages of any kind occasioned by the closing of the state highway, and it is further agreed that efficient all-weather detours will be maintained to the satisfaction of the Department and conspicuously marked for the benefit of traffic diverted from the state highway.

BE IT FURTHER RESOLVED that a copy of this resolution be forwarded to the Department of Transportation to serve as a formal request for the permission sought in this resolution.

PRESENTED to the City Council of the City of St. Charles, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_ 2019.

PASSED by the City Council of the City of St. Charles, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_ 2019.

APPROVED by the Mayor of the City of St. Charles, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_ 2019.

\_\_\_\_\_  
Raymond P. Rogina, Mayor

ATTEST:

\_\_\_\_\_  
City Clerk

COUNCIL VOTE:

Ayes:

Nays:

Absent:

Abstain:



**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: \*5.c

Title: Recommendation to Approve the purchase of three 2019 Ford Interceptor Taurus Sedans on the State Bid from Morrow Brothers Ford

Presenter: Erik Mahan – Deputy Police Chief

Meeting: Government Services Committee Date: July 22, 2019

Proposed Cost: \$85,695 Budgeted Amount: \$46,000 Not Budgeted:

**Executive Summary** *(if not budgeted please explain):*

Staff is seeking approval to purchase three (3) – 2019 Ford Police Interceptor Sedans on the state bid from Morrow Brothers Ford, Inc. at a cost of \$28,565.00 each.

The purchase of one of these vehicles was budgeted. That budgeted amount of \$46,000.00 was for the scheduled replacement of vehicle #1900 a 2014 Dodge Charger patrol car. This vehicle was approved by the City fleet management committee and also approved through the FY 19/20 budget.

The purchase of the 2<sup>nd</sup> vehicle was not budgeted. It is to replace vehicle #1994 a 2017 Ford Interceptor Utility which was damaged in a crash. This vehicle will primarily be funded through an insurance payment of \$13,476.00. This vehicle was approved by the City fleet management committee

The purchase of the 3<sup>rd</sup> vehicle is for the early replacement of vehicle #1773, a 2012 Ford Escape in need of replacement due to condition, age, and maintenance. This vehicle was approved by the City fleet management committee.

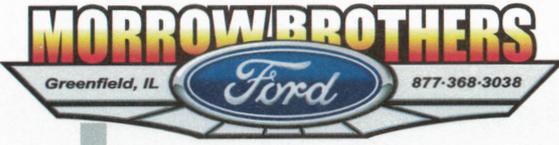
This pricing is per the State of Illinois CMS joint purchasing contract #4018503/4018504.

**Attachments** *(please list):*

Morrow Brothers Government Pricing Sheet.  
(3) Invoices From Morrow Brothers Ford, Inc.

**Recommendation/Suggested Action** *(briefly explain):*

Recommend approval of a resolution authorizing the purchase of three (3) 2019 Ford Police Interceptor Sedans from Morrow Brothers Ford, Inc.



January 16, 2019

Illinois Government Agency

We have figured the following vehicle for your consideration.

**1-New 2019 Ford Police Interceptor Sedan AWD To Include the Following:**

Exterior Color TBD, Cloth Front Bucket Seats, Vinyl Rear Bench Seat

13P Front Warning Pre-Drill

13C Dark Mode Interior Lights

21L Driver's Side Whelen LED Spot Light

18G Rear inside locks/handles Inoperative

67D Rear Windows Driver Controlled

549 Power Heated Mirrors

51G Grill Lamp/Speaker Wiring

All other standard equipment – Per attached page

2019 Interceptor Sedan AWD                      Illinois Government Price      \$26,890.00 \*

Options:

Remote Keyless Entry	Add \$330.00	Extra Key No Remote	Add \$25.00
Ignition Override System	Add \$240.00	SYNC Bluetooth w/RSS	Add \$580.00
Delivery in Illinois	Add \$275.00	New MP License Title	Add \$175.00

Units are **\*in stock** at the time of this quote and are available first come first serve. Additional options can be added as required. Any and all trade in vehicles are welcome regardless of miles or condition. Let me know if you have any questions. Thank you.

Richie Morrow Wellenkamp  
Fleet Manager/Vice President  
Morrow Brothers Ford, Inc.



# MORROW BROTHERS FORD, INC.

FORD FOR IV GENERATIONS  
1242 MAIN ST. - GREENFIELD, IL 62044  
Phone: 217-368-3037 Fax: 217-368-3517

## MOTOR VEHICLE PURCHASE AGREEMENT/BILL OF SALE

DATE: 07/05/19  
SOLD TO: City of St Charles  
ADDRESS: Two East Main St  
St Charles, IL 60174  
PHONE: (630) 443-3841

TAX FORM NO.

YEAR	MAKE	NEW/ USED	STOCK NO.	SERIAL NO.	KEY NO.
2019	FORD	NEW	P373	1FAHP2MK4KG112211	1309X

Salesman: Richie M. Wellenkamp

FIN CODE:

P.O. NO.:

### PLEASE PAY FROM THIS INVOICE - NET 10 DAYS

#### SETTLEMENT

CASH PRICE OF VEHICLE	\$	28,340.00
LESS TRADE-IN ALLOWANCE	\$	N/A
DIFFERENCE	\$	28,340.00
DOC FEE	\$	65.00
SALES TAX	\$	N/A
LICENSE & TITLE	\$	160.00
DELIVERY	\$	N/A
SERVICE CONTRACTS	\$	N/A
PAYOFF	\$	N/A
REBATE	\$	N/A
DEPOSIT	\$	N/A
CASH ON DELIVERY	\$	28,565.00
AMOUNT FINANCED AT	\$	N/A

#### TRADE-IN

YEAR	MAKE	MODEL	BODY TYPE	MILEAGE

VIN NO	COLOR

LIENHOLDER'S NAME & ADDRESS	ACCT NO.	PAYOFF DATE
N/A		

BUYER'S SIGNATURE \_\_\_\_\_

07/05/19

DATE \_\_\_\_\_



# MORROW BROTHERS FORD, INC.

FORD FOR IV GENERATIONS  
1242 MAIN ST. - GREENFIELD, IL 62044  
Phone: 217-368-3037 Fax: 217-368-3517

## MOTOR VEHICLE PURCHASE AGREEMENT/BILL OF SALE

DATE: 07/05/19  
SOLD TO: City of St Charles  
ADDRESS: Two East Main St  
St Charles, IL 60174  
PHONE: (630) 443-3841

TAX FORM NO.

YEAR	MAKE	NEW/ USED	STOCK NO.	SERIAL NO.	KEY NO.
2019	FORD	NEW	P374	1FAHP2MK6KG112212	0497X

Salesman: Richie M. Wellenkamp

FIN CODE:

P.O. NO.:

### PLEASE PAY FROM THIS INVOICE - NET 10 DAYS

#### SETTLEMENT

CASH PRICE OF VEHICLE	\$	28,340.00
LESS TRADE-IN ALLOWANCE	\$	N/A
DIFFERENCE	\$	28,340.00
DOC FEE	\$	65.00
SALES TAX	\$	N/A
LICENSE & TITLE	\$	160.00
DELIVERY	\$	N/A
SERVICE CONTRACTS	\$	N/A
PAYOFF	\$	N/A
REBATE	\$	N/A
DEPOSIT	\$	N/A
CASH ON DELIVERY	\$	28,565.00
AMOUNT FINANCED AT	\$	N/A

#### TRADE-IN

YEAR	MAKE	MODEL	BODY TYPE	MILEAGE

VIN NO	COLOR

LIENHOLDER'S NAME & ADDRESS	ACCT NO.	PAYOFF DATE
N/A		

BUYER'S SIGNATURE \_\_\_\_\_

07/05/19

DATE \_\_\_\_\_



# MORROW BROTHERS FORD, INC.

FORD FOR IV GENERATIONS

1242 MAIN ST. - GREENFIELD, IL 62044

Phone: 217-368-3037 Fax: 217-368-3517

MOTOR VEHICLE PURCHASE  
AGREEMENT/BILL OF SALE

DATE: 07/11/19  
SOLD TO: City of St Charles  
ADDRESS: Two East Main St  
St Charles, IL 60174  
PHONE: (630) 443-3841

TAX FORM NO.

YEAR	MAKE	NEW/ USED	STOCK NO.	SERIAL NO.	KEY NO.
2019	FORD	NEW	P415	1FAHP2MK9KG112253	0818X

Salesman: Richie M. Wellenkamp

FIN CODE:

P.O. NO.:

## PLEASE PAY FROM THIS INVOICE - NET 10 DAYS

### SETTLEMENT

CASH PRICE OF VEHICLE	\$	28,340.00
LESS TRADE-IN ALLOWANCE	\$	N/A
DIFFERENCE	\$	28,340.00
DOC FEE	\$	65.00
SALES TAX	\$	N/A
LICENSE & TITLE	\$	160.00
DELIVERY	\$	N/A
SERVICE CONTRACTS	\$	N/A
PAYOFF	\$	N/A
REBATE	\$	N/A
DEPOSIT	\$	N/A
CASH ON DELIVERY	\$	28,565.00
AMOUNT FINANCED AT	\$	N/A

### TRADE-IN

YEAR	MAKE	MODEL	BODY TYPE	MILEAGE

VIN NO	COLOR

LIENHOLDER'S NAME & ADDRESS	ACCT NO.	PAYOFF DATE
N/A		

BUYER'S SIGNATURE \_\_\_\_\_

DATE: 07/11/19



**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: \*6.a

Title:

Recommendation to Approve Construction Contract for Crack Filling

Presenter:

Ken Jay

Meeting: Government Services Committee

Date: July 22, 2019

Proposed Cost: \$81,500

Budgeted Amount: \$81,500

Not Budgeted:

**Executive Summary** *(if not budgeted please explain):*

In 2017, the City began to expand the types of pavement strategies used to maintain our roadway network, with the understanding that it is important to choose the right treatment, for the right road and at the right time. Pavement rejuvenation has been utilized as a preventative maintenance technique, and roadway base reclamation has been performed as a cost effective reconstruction alternative.

In 2019, the City is adding crack filling as an additional preventative maintenance tool in an effort to keep the City's streets in good condition for a longer period of time. Crack filling addresses the most important principal of roadway maintenance: drainage. Crack filling ensures that drainage reaches the gutter and the storm sewer system, instead of penetrating the roadway surface and base course. Water that reaches the roadway base course will be subject to freeze and thaw cycles during winter months, which leads to weaker roadway bases and essentially a shorter roadway lifespan.

Staff's intention for the crack filling program is to address roadways in good to fair condition, which should alleviate concerns regarding roadway pavement aesthetics. All crack filling work is scheduled to be performed in September and October.

On July 8, 2019, sealed bids for the 2019 Crack Filling contract were publicly opened and read aloud. The City received a total of two (2) bids for this project, with Denler, Inc. being the lowest responsive, responsible bidder. Denler, Inc. has performed similar work for the Illinois Department of Transportation, Village of Lombard, Village of Buffalo Grove and the City of Naperville. Reference checks provided extremely positive feedback; Staff recommends awarding a contract to the low bidder, Denler, Inc. of Joliet, Illinois, for a total amount not to exceed \$81,500.

**Attachments** *(please list):*

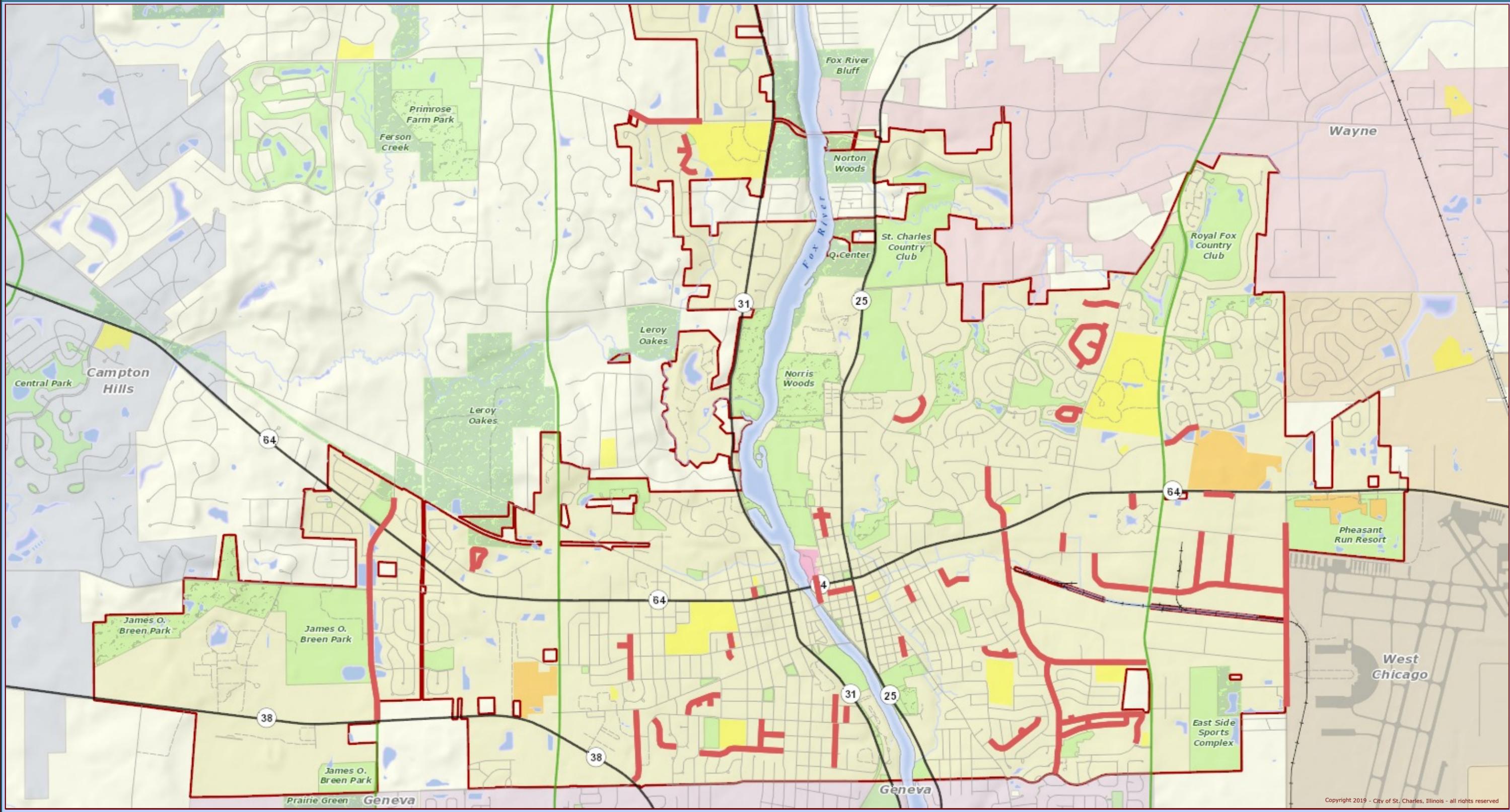
\* 2019 Crack Filling - Location Map

**Recommendation/Suggested Action** *(briefly explain):*

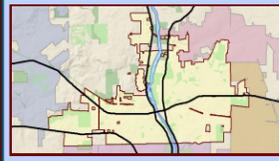
Recommendation to approve Construction Contract with Denler, Inc. for 2019 Crack Filling, in the amount of \$81,500.



# 2019 Crack Filling Locations



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Data Source:  
 City of St. Charles, Illinois  
 Kane County, Illinois  
 DuPage County, Illinois

Coordinate System: Illinois State Plane East  
 Projection: Transverse Mercator  
 North American Datum 1983

Printed On: July 10, 2019 10:35



Notes: Crack filling quantities are estimated and vary by street. Locations subject to change.  
 Work to be performed September 3 - October 15.

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**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: \*6.b

Title:

Recommendation to Approve Construction Contract for the Demolition of 1734 Riverside Avenue

Presenter:

Ken Jay

Meeting: Government Services Committee

Date: July 22, 2019

Proposed Cost: \$24,350

Budgeted Amount: \$40,000

Not Budgeted:

**Executive Summary** *(if not budgeted please explain):*

The City has been strategically procuring properties along 7<sup>th</sup> Avenue Creek for the purposes of mitigating flooding issues and for future capital improvements.

1734 Riverside Avenue was acquired in 2018 and resides in the floodway of 7<sup>th</sup> Avenue Creek. The construction contract includes demolition of the primary residence, as well as the garage, shed, fence and perimeter shrubbery. Utilities will be disconnected and the property will be restored as a grass field.

City staff will be subdividing the lot, which will allow the City to sell a buildable lot and recoup some of the acquisition and demolition fees. The parcel that contains the floodway and floodplain will remain under City ownership.

**Bid Results:**

On July 8, 2019, sealed bids for the Demolition of 1734 Riverside Avenue contract were publicly opened and read aloud. The City received a total of three (3) bids for this project, with the results shown below.

<i>Engineer's Estimate</i>	\$39,763.17
Kendall Excavating	\$24,350.00
Fox Excavating	\$29,350.00
Fowler Enterprises	\$31,650.00

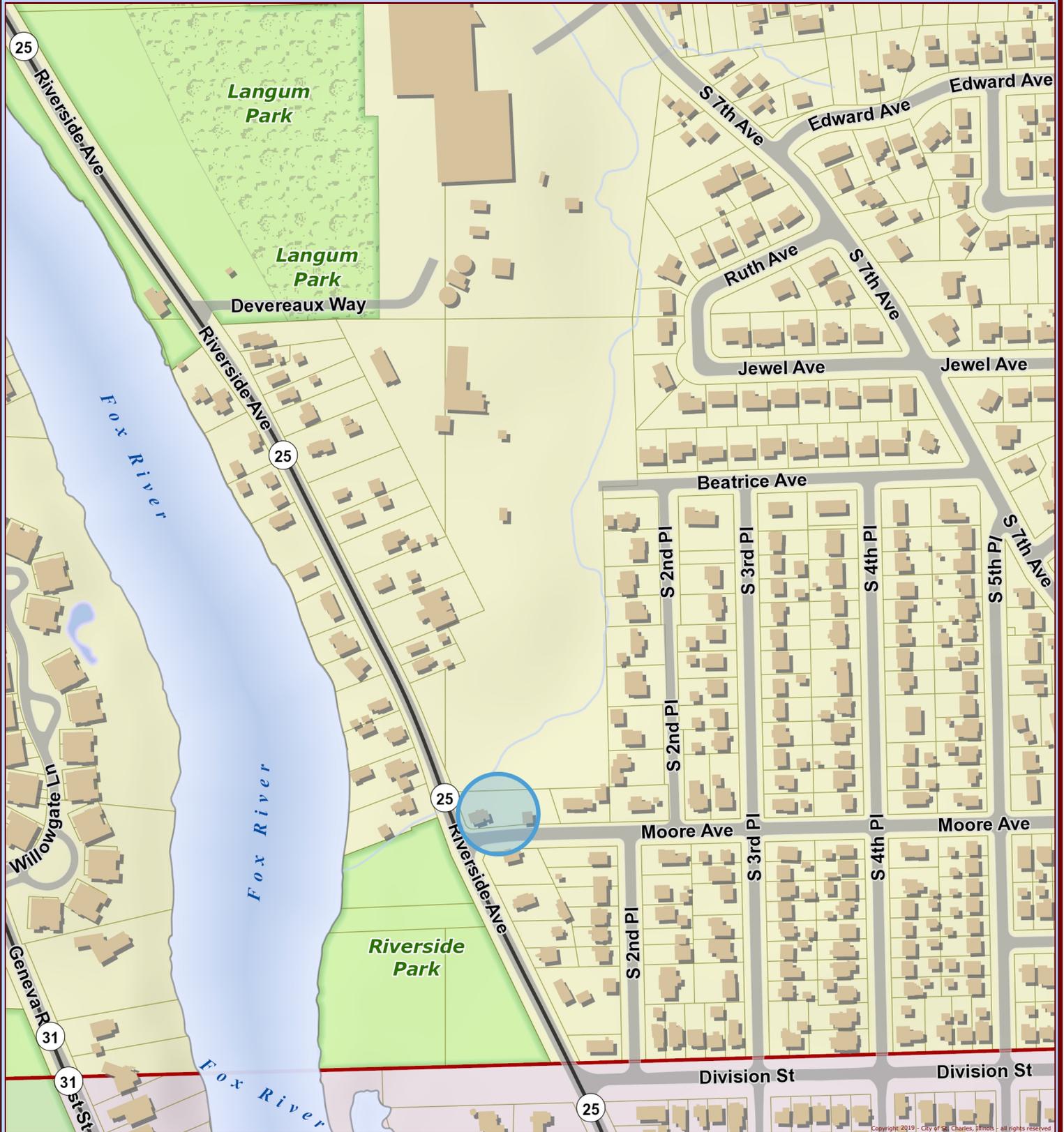
Kendall Excavating has performed similar work for the St. Charles Library, Village of Woodridge and the City of Aurora. Staff recommends awarding a contract to the low bidder, Kendall Excavating of Yorkville, Illinois, for a total amount not to exceed \$24,350.

**Attachments** *(please list):*

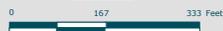
\* Location Map

**Recommendation/Suggested Action** *(briefly explain):*

Recommendation to approve Construction Contract with Kendall Excavating for the Demolition of 1734 Riverside Avenue in the amount of \$24,350.



Data Source:  
City of St. Charles, Illinois  
Kane County, Illinois  
DuPage County, Illinois  
Coordinate System: Illinois State Plane East  
Projection: Transverse Mercator  
North American Datum 1983  
Printed on: July 10, 2019 08:54 AM



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Powered by Precision GIS

**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 6.c

Title:

Recommendation to Approve Professional Service Agreement for the Westside Wastewater Treatment Plant Expansion to Trotter and Associates, Inc.

Presenter:

Tim Wilson

Meeting: Government Services Committee

Date: July 29, 2019

Proposed Cost: \$2,563,800

Budgeted Amount: \$2,565,000

Not Budgeted: **Executive Summary** *(if not budgeted please explain):*

The design portion of the Westside Wastewater Treatment project is budgeted for this fiscal year. The existing facility functions at 0.7 million gallons a day (MGD) and is reaching capacity to service existing customer and approved developments. This project will expand capacity of the facility to 1.05 MGD, serving future developments on the west side of the city and easing demand on the existing facility. The expansion of the treatment facility will require an upgrade of the biological waste water treatment process to address recently promulgated and pending environmental regulations. The regulatory demands that will be addressed within this section include: nutrient removal, phosphorus removal, suspended solids effluent requirements, bio-solids stabilization and several other regulated treatment capabilities. Construction bid advertisements are anticipated to go out the beginning of FY20/21 with the design of the facility expected to be completed around April of 2020.

The funding source of this project is the Water Pollution Control Loan Program and requires a two-step process for Engineering Procurement based on the qualifications selection. The first step of this process is to issue a Request for Qualifications (RFQ). On March 29, 2019, the City received three (3) RFQ submissions. City staff evaluated the RFQ submittals and ranked the firms based on the standard criteria.

The second step of the process is negotiating the contract and scope of work. The City started the negotiating phase on May 6, 2019. The proposed engineering contract for the project includes: design services, IEPA loan application, bid process, contractor negotiations and construction phase oversight and budgeting for this project extends over the next three years. Staff recommendations to approve and award the engineering contract in its entirety to Trotter and Associates, with final funding approved annually as part of the budget approval process.

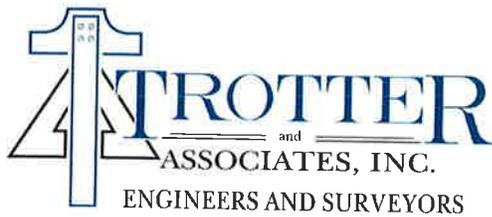
The engineering fees associated with this project are based on cumulative hourly rates not to exceed total project cost. Based on the complexity and size of the project, the proposal rates provided are comparable to several other Environmental Services projects. The City attorney has reviewed the contract and the recommended changes made.

**Attachments** *(please list):*

\* Westside Wastewater Plant Expansion Professional Services Agreement

**Recommendation/Suggested Action** *(briefly explain):*

Recommendation to approve Professional Services Agreement for the Westside Wastewater Treatment Plant Expansion to Trotter and Associates for \$2,563,800 and a Resolution authorizing the Mayor and Clerk to execute the same on the behalf of the City of St Charles.



July 5, 2019

Honorable Raymond Rogina  
Mayor of St. Charles  
City of St. Charles  
2 E. Main Street  
St. Charles, Illinois 60174

Re: West Side WRF Phase III Expansion Project  
Professional Services Agreement

Dear Mayor Rogina:

We sincerely appreciate this opportunity to offer our services. Enclosed for your review is the engineering services agreement for the referenced project. Please contact us if there are any questions or changes to the listed scope of services. If you would like to proceed with the contract, please sign and return one copy of the agreement.

Sincerely,

TROTTER & ASSOCIATES, INC.



Robert Scott Trotter, P.E., BCEE  
President

July 1, 2019

Honorable Raymond Rogina  
Mayor of St. Charles  
City of St. Charles  
2 E. Main Street  
St. Charles, Illinois 60174

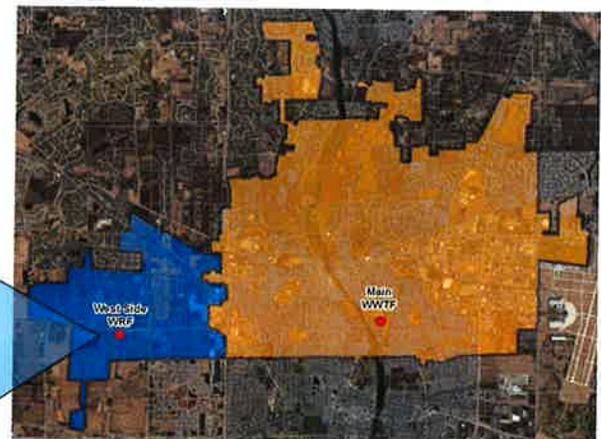
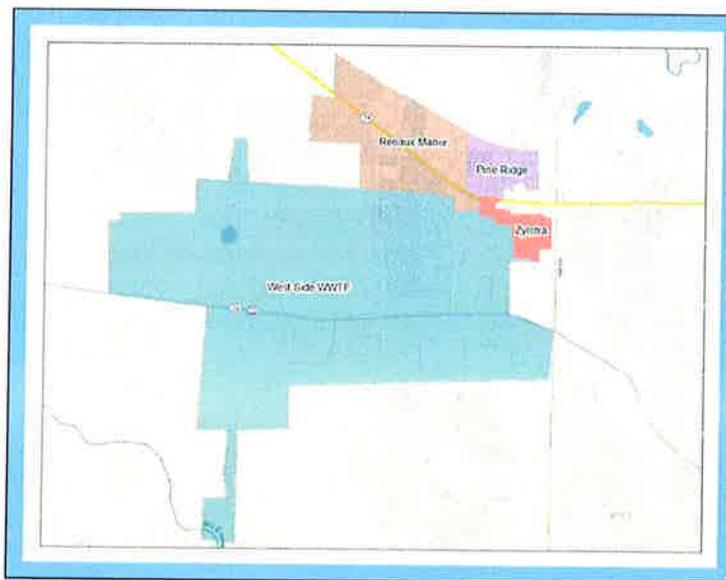
**Re: West Side WRF Phase III Expansion Project**  
Professional Services Letter Agreement and Exhibits

Dear Mayor Rogina,

Trotter and Associates, Inc. (ENGINEER) is pleased to provide professional services to the City of St. Charles, IL (CLIENT) for the West Side Water Reclamation Facility Phase III Expansion Project (hereinafter referred to as the "PROJECT").

### **Project Background**

In 1989, the City of St. Charles was approached by property owners west of Randall Road requesting annexation and sanitary sewer service. In response, the City investigated several alternatives including the acquisition of the Department of Corrections wastewater treatment facility, which served the Illinois Youth Center and the Illinois Department of Transportation's garage. The treatment facility included a 0.35 MGD Walker-Process package plant (aeration, reaeration, aerobic digestion, and clarifier), a small polishing pond and sludge drying beds. The effluent from the existing plant was tributary to a field tile which daylighted at Mill Creek.



## Project Understanding

The 2015 Facility Plan developed a project scope for the Phase III expansion. At that time, the project included the addition of one raw sewage pump, upgrade of the biological process for expansion and removal of TN and TP, construction of an additional tertiary clarifier or construction of tertiary filters, upgrade of the aerobic digestion process, and the addition of onsite sludge dewatering and 150 days ultimate sludge storage capacity. The estimate for this from the 2008 Facility Plan is shown to the right. Since 2015, the scope has evolved due to the age of the equipment (originally installed in 2000) and changes in operational theory and preferences.

The City has replaced two of the original Wemco 2-speed pre-rotation raw sewage pumps. The City installed two Meyers pumps and replaced the 2-speed starters with variable frequency drives. The Meyers pumps do not have suction bells and therefore are not able to effectively utilize the pre-rotation basins. During discussions, the City noted that it did not have confidence in use of the pre-rotation basins to clean the wet well due to periodic slugs of ragging material which exceeded the pumps capacity. The latest thought process is that the remaining Wemco pump will be replaced, and that the open position will be utilized by a fourth Meyers pump as part of the Phase III project. The two new pumps would be equipped with new variable frequency drives. Consideration of a raw sewage grinder upstream of this pump station will also be considered during design.

The preliminary treatment screening structure was originally designed to handle 6 MGD, which equates to the peak hourly flow expected through Phase IV (1.4 MGD). The 2015 Facility Plan anticipated the installation of a new, identical 6 MGD screen in the bypass channel. However, the existing screen has reached the end of its service life and will require placement during the project as well. Fortunately, the previous design allows for this replacement to occur with minimal interruption.

<b>GENERAL CONDITIONS</b>	<b>\$682,000</b>
<b>SITWORK</b>	<b>\$642,100</b>
<b>RAW SEWAGE PUMP STATION</b>	<b>\$55,000</b>
<b>HEADWORKS</b>	<b>\$151,000</b>
<b>BIOLOGICAL PROCESS</b>	<b>\$1,758,437</b>
<b>TERTIARY FILTERS/ CHEM FEED</b>	<b>\$2,495,570</b>
<b>RAS PUMP STATION</b>	<b>\$76,000</b>
<b>AEROBIC DIGESTION</b>	<b>\$170,800</b>
<b>SLUDGE HANDLING BUILDING</b>	<b>\$1,415,655</b>
<b>SLUDGE STORAGE BARN</b>	<b>\$989,453</b>
<b>SUBTOTAL CONSTRUCTION</b>	<b>\$8,436,015</b>
<b>CONTINGENCY 20%</b>	<b>\$1,687,203</b>
<b>CONSTRUCTION TOTAL</b>	<b>\$10,123,218</b>
<b>ENGINEERING 14%</b>	<b>\$1,417,251</b>
<b>PROJECT TOTAL</b>	<b>\$11,540,469</b>



City has requested replacement of this system, which was not part of the improvements proposed in the previous Facility Plan.

The Phase II design incorporated chambers to receive RAS from four tertiary clarifiers and a common wet well with pre-rotation basins. Originally Phase III only contemplated improvements for installation of the third RAS pump. Based on our walkthrough and the age of the original equipment, the existing RAS pumps also will require replacement.

The aerobic digestion facility capacity as improved in Phase II has sufficient capacity through Phase IV design flow of 1.4 MGD. The Facility Plan contemplated replacing the blowers and electrical switchgear. However, by the time this project is completed the existing mechanism will be over 20 years old, as well as the pumping system. In addition, the existing building is in poor shape and the drywell may not be compliant with current safety requirements. During conceptual design, the City will consider rehabilitation of this building, or even construction of new facilities to meet the City's long-term objectives.



The 2015 Facility Plan identified the need to provide sludge dewatering and dewatered sludge storage onsite. The original estimate included a simple Sludge Dewatering Building to house sludge dewatering, sludge feed, polymer feed, sludge conveyors, a digested sludge storage tank, and an NPW system. It was anticipated that the proposed Sludge Storage Barn would be constructed immediately adjacent to the Sludge Dewatering Building and that sludge would be conveyed directly to the barn. The estimate for the Barn is based on a pre-engineered building with push walls and an asphalt base. The barn will be used to service both the West Side WRF and the Main WWTF. The City has also expressed interest in including restrooms, future chemical storage and feed systems, and an operations room. The building layout and location will be determined during conceptual design. The City has also incorporated extension of the watermain through the project site and further west through Tri-Com, the shooting range, and the air field.



This project will be funded through IEPA low interest loan program. The 2015 Facility Plan will be updated to include the additional items that have been identified by the City. TAI has prepared this proposal assuming the scope of work is to expand plant capacity to 1.05 MGD. If the City elects to increase the plant capacity to 1.4 MGD, this will require a more extensive antidegradation analysis to address environmental impacts and may be best handled in a phased approach, a revised schedule and an addendum to this agreement.

The IEPA issued the NPDES permit for the expanded plant (1.05 MGD) in 2017. The new permit includes special conditions. The proposed TP effluent limit is 1.0 mg/L and is expected to be reduced to 0.5 mg/L

## Scope of Services

Our services will consist of customary civil engineering and surveying services and related engineering services incidental thereto, described as follows;

### General Tasks

1. Schedule and facilitate a project Kick off Meeting with City staff.
  2. Evaluate and determine the project schedule to meet required EPA timeframe.
  3. Schedule and facilitate a minimum of ten meetings over the proposed design schedule.
  4. Schedule site visits to City facilities.
  5. Review existing City documentation that may be appropriate to project.
  6. Provide monthly status reports on; project progress, tasks accomplished in previous month, action items for upcoming month and project budget.
  7. Provide a Phosphorus Removal Feasibility Study for the WSWRF showing reducing total phosphorus loading to attain an Annual Average Limit of 1.0, 0.5, 0.1 mg/L by October 1, 2019. Prepare and submit a Phosphorus Discharge Optimization Plan for the WSWRF by October 1, 2019.
  8. Provide a Phosphorus Removal Feasibility Study for the MWWTF showing reducing total phosphorus loading to attain an Annual Average Limit of 0.1 mg/L by October 1, 2019. Prepare and submit a Phosphorus Discharge Optimization Plan for the MWWTF by October 1, 2019.
  9. Prepare and submit an Arc Flash study for the existing WSWRF.
  10. Submit draft versions of design at 60%, 95% and final completion.
1. Preliminary Engineering Report
    - a. Prepare a preliminary engineering report including conceptual design calculations consistent with the Illinois EPA Facilities Planning Submittal Checklist for use in Evaluation for Low Interest Loan Funding.
    - b. Conduct a minimum of five meetings with staff (and vendors) to review design and equipment selection
    - c. Conduct site visits as needed for conceptual layouts of facilities with the selected technology.
    - d. Develop conceptual site plan with layout of proposed structures, traffic routing, conceptual piping, and sequence of construction to keep existing system in operation during construction
    - e. Based on the conceptual design, prepare conceptual cost estimate for the proposed improvements.
    - f. Update 2015 Facility Plan to incorporate changes identified from conceptual design including design calcs, cost estimate, etc. and submit to the Illinois EPA
  2. Preparation of IEPA Low Interest Loan Application
    - a. Prepare and Submit Low Interest Loan Pre-Application.
    - b. Develop and submit planning documents as required by the IEPA.
    - c. Complete necessary documents for the IEPA for City's approval and signatures.
    - d. Act as liaison between the IEPA Project Manager and the City to address the IEPA Low Interest Loan package, review comments and correspondence.
    - e. Work with the City to develop the required ordinances/resolutions required for the Low Interest Loan.
    - f. Incorporate IEPA required contract documents into the project specifications.

furnished and performed by the Contractor for the proposed modifications to the existing aeration system and layout. Include the following but is not limited to these drawings.

- i. General Construction Details and Notes
    - ii. Site Civil Drawings showing roadway, storm water management, process piping, underground utilities & site restoration
    - iii. Demolition drawings if needed including plans, sections, details and schedules detailing existing structures and utilities to be removed
    - iv. Architectural drawings including floor plans, roof plans, elevation views, sections, details and schedules for any proposed structures.
    - v. Structural drawings including plans, sections, details and schedules for construction of the foundations and slabs
    - vi. Process drawings including the plans, sections, details and schedules for equipment and process piping
    - vii. Electrical Drawings depicting lighting, controls and power distribution plans, elevations, and schedules
    - viii. Instrumentation drawings depicting the scope and extent of the proposed control system.
    - ix. Project specifications in accordance with the 32/64 Division CSI Format or recommended alternative.
    - x. Develop other documents necessary to bid the project.
  - b. Submit final engineering plans and specifications to Illinois EPA for construct and operate permit.
  - c. Prepare an updated opinion of probable cost, based on the Final Engineering Plans.
  - d. Provide 95% complete plans to the City, City's SCADA coordinator and effected agencies for review and approval.
  - e. Make revisions to the plans to incorporate changes required by reviewing agencies.
  - f. Acquire permits through all pertinent jurisdictional agencies.
  - g. Complete 100% drawings to satisfaction of appropriate permitting bodies.
6. Bidding and Negotiating Phase
- a. Assist City in advertising for and obtaining bids or negotiating proposals for the Work.
  - b. Issue Addenda as appropriate to clarify, correct, or change the Bidding Documents.
  - c. Attend the Bid opening, prepare Bid tabulation sheets, and assist the City of St. Charles in evaluating Bids or proposals and in assembling and awarding contracts work.
  - d. Participate in any negotiations or clarification discussion.
  - e. Furnish and supply drawings and project specification copies as required.
7. Construction Phase – 18 months from Notice of Award through Final Completion
- a. Consult with the City and act as the City's representative during execution of construction.
  - b. Provide full-time field engineering services (resident project representative) during the duration of construction activities. RPR services are anticipated to be full-time (40 hours per week) for 16 months, and part time (20 hours per week) for two months. If additional field services are required and authorized by the City Administration, Trotter and Associates shall be compensated for the additional services.

---

**Compensation**

A fixed fee amount of \$2,563,800.00 based on the following assumed distribution of compensation:

Design Engineering Phase	
General Tasks	\$187,200
Preliminary Report	\$96,400
IEPA Loan	\$16,500
Preliminary Design Phase	\$128,700
Design Development Phase	\$382,000
Final Design Phase	\$409,500
Design Addendum	\$75,000
<u>Reimbursable Expenses</u>	<u>\$8,500</u>
Design Engineering Subtotal	\$1,303,800
Bidding and Negotiating Phase	\$35,500
Construction Phase	\$1,120,000
Contractor's Completion Documents	\$93,000
<u>Reimbursable Expenses</u>	<u>\$11,500</u>
Construction Engineering Subtotal	\$1,260,000

**Not to Exceed Grand Total: \$2,563,800**

ENGINEER may alter the distribution of compensation between individual phases of the work noted herein to be consistent with services actually rendered, but shall not exceed the total estimated compensation amount unless approved in writing by CLIENT. The total estimated compensation for ENGINEER's services included in the breakdown by phases incorporates all labor, overhead, profit, and ENGINEER's Consultant's charges.

The amounts billed for ENGINEER's services will be based on the cumulative hours charged to the PROJECT during the billing period by each class of ENGINEER's employees times Standard Hourly Rates for each applicable billing class, plus Reimbursable Expenses and ENGINEER's Consultant's charges. The Standard Hourly Rates and Reimbursable Expenses Schedule will be adjusted annually as of January 1<sup>st</sup> to reflect equitable changes in the compensation payable to ENGINEER.

*Design Addendum.* ENGINEER has incorporated a portion of this proposal that will only be billable if approved in writing at the discretion of the CLIENT.

*Subconsultants.* ENGINEER has incorporated subconsulting services for Architectural, Structural, Mechanical, and Fire Protection engineering services into the proposal as a pass-through without mark-up.

*Reimbursable Expenses.* Engineer has incorporated \$20,000 for Reimbursable Expenses, including printing, plotting and shipping required for the completion of the work. Actual expenses will be compensated for based on actual cost as a pass-through without mark-up.

**Contents of Agreement**

This Letter Agreement and the Exhibits attached hereto and incorporated herein, represent the entire understanding with respect to the Project and may only be modified in writing signed by both parties.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement.

CLIENT:

Trotter and Associates, Inc.:

\_\_\_\_\_

\_\_\_\_\_

By: \_\_\_\_\_

By: ROBERT SCOTT TROTTER

Title: \_\_\_\_\_

Title: PRESIDENT

Effective Date: \_\_\_\_\_

Date Signed: 7-5-19

Address for giving notices:

Address for giving notices:

Designated Representative

Designated Representative

Title:

Title: Project Manager

Phone Number:

Phone Number: 630-587-0470

Facsimile Number:

Facsimile Number: 630-587-0475

E-Mail Address:

E-Mail Address: j.ruth@trotter-inc.com

**ATTACHMENTS:**

EXHIBIT A – STANDARD TERMS AND CONDITIONS

EXHIBIT B – SCHEDULE OF HOURLY RATES AND REIMBURSIBLE EXPENSES

EXHIBIT C – SUPPLEMENTAL GENERAL CONDITIONS

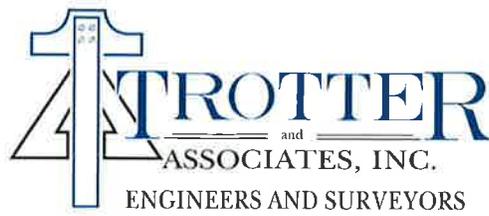
EXHIBIT D – CONTRACT ADDENDUM

EXHIBIT E – UPDATED FACILITY PLAN COST ESTIMATE

EXHIBIT F – MANHOOR ESTIMATE

CLIENT Initial \_\_\_\_\_

TAI Initial \_\_\_\_\_



## EXHIBIT A - STANDARD TERMS AND CONDITIONS

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### ARTICLE 1 - SERVICES OF ENGINEER

#### 1.01 Scope

- A. ENGINEER shall provide the Professional Services set forth herein and in the Letter Agreement.

- B. Upon this Agreement becoming effective, ENGINEER is authorized to begin Services.

### ARTICLE 2 - CLIENT'S RESPONSIBILITIES

#### 2.01 General

- A. Provide ENGINEER with all criteria and full information as to CLIENT's requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility, and expandability, and any budgetary limitations; and furnish copies of all design and construction standards which CLIENT will require to be included in the Drawings and Specifications; and furnish copies of CLIENT's standard forms, conditions, and related documents for ENGINEER to include in the Bidding Documents, when applicable.
- B. Furnish to ENGINEER any other available information pertinent to the Project including reports and data relative to previous designs, or investigation at or adjacent to the Site.
- C. Following ENGINEER's assessment of initially-available Project information and data and upon ENGINEER's request, furnish or otherwise make available such additional Project related information and data as is reasonably required to enable ENGINEER to complete its Basic and Additional Services. Such additional information or data would generally include the following:
1. Property descriptions.
  2. Zoning, deed, and other land use restrictions.
  3. Property, boundary, easement, right-of-way, and other special surveys or data, including establishing relevant reference points.
  4. Explorations and tests of subsurface conditions at or contiguous to the Site, drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site, or hydrographic surveys, with appropriate professional interpretation thereof.
  5. Environmental assessments, audits, investigations and impact statements, and other relevant environmental or cultural studies as to the Project, the Site, and adjacent areas.
  6. Data or consultations as required for the Project but not otherwise identified in the Agreement or the Exhibits thereto.
- D. Give prompt written notice to ENGINEER whenever CLIENT observes or otherwise becomes aware of a Hazardous Environmental Condition or of any other development that affects the scope or time of performance of ENGINEER's services, or any defect or nonconformance in ENGINEER's services or in the work of any Contractor.
- E. Authorize ENGINEER to provide Additional Services as set forth in Exhibit D - Addendum of the Agreement as required.

things, such delay or suspension and reactivation and the fact that the time for performance under this Agreement has been revised.

#### ARTICLE 4 - PAYMENTS TO ENGINEER

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##### 4.01 Methods of Payment for Services and Reimbursable Expenses of ENGINEER

- A. *For Basic Services.* CLIENT shall pay ENGINEER for Basic Services performed or furnished under as outlined in the Letter Agreement
- B. *For Additional Services.* CLIENT shall pay ENGINEER for Additional Services performed or furnished as outlined in Exhibit D.
- C. *For Reimbursable Expenses.* CLIENT shall pay ENGINEER for Reimbursable Expenses incurred by ENGINEER and ENGINEER's Consultants as set forth in Exhibit B.

##### 4.02 Other Provisions Concerning Payments

- A. *Preparation of Invoices.* Invoices will be prepared in accordance with ENGINEER's standard invoicing practices and will be submitted to CLIENT by ENGINEER, unless otherwise agreed.
- B. *Payment of Invoices.* Invoices are due and payable within 30 days of receipt. If CLIENT fails to make any payment due ENGINEER for services and expenses within 30 days after receipt of ENGINEER's invoice therefor, the amounts due ENGINEER will be increased at the rate of 1.0% per month (or the maximum rate of interest permitted by law, if less) from said thirtieth day. In addition, ENGINEER may, after giving seven days written notice to CLIENT, suspend services under this Agreement until ENGINEER has been paid in full all amounts due for services, expenses, and other related charges. Payments will be credited first to interest and then to principal.
- C. *Disputed Invoices.* In the event of a disputed or contested invoice, only that portion so contested may be withheld from payment, and the undisputed portion will be paid.
- D. *Payments Upon Termination.*
  - 1. In the event of any termination under paragraph 6.06, ENGINEER will be entitled to invoice CLIENT and will be paid in accordance with Exhibit B for all services performed or furnished and all Reimbursable Expenses incurred through the effective date of termination.
  - 2. In the event of termination by CLIENT for convenience or by ENGINEER for cause, ENGINEER, in addition to invoicing for those items identified in subparagraph 4.02.D.1, shall be entitled to invoice CLIENT and shall be paid a reasonable amount for services and expenses directly attributable to termination, both before and after the effective date of termination, such as reassignment of personnel, costs of terminating contracts with ENGINEER's Consultants, and other related close-out costs, using methods and rates for Additional Services as set forth in Exhibit B.
- E. *Records of ENGINEER's Costs.* Records of ENGINEER's costs pertinent to ENGINEER's compensation under this Agreement shall be kept in accordance with generally accepted accounting

practices. To the extent necessary to verify ENGINEER's charges and upon CLIENT's timely request, copies of such records will be made available to CLIENT at cost.

- F. *Legislative Actions.* In the event of legislative actions after the Effective Date of the Agreement by any level of government that impose taxes, fees, or costs on ENGINEER's services or other costs in connection with this Project or compensation therefore, such new taxes, fees, or costs shall be invoiced to and paid by CLIENT as a Reimbursable Expense to which a Factor of 1.0 shall be applied. Should such taxes, fees, or costs be imposed, they shall be in addition to ENGINEER's estimated total compensation.

#### ARTICLE 5 - OPINIONS OF COST

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##### 5.01 Opinions of Probable Construction Cost

- A. ENGINEER's opinions of probable Construction Cost provided for herein are to be made on the basis of ENGINEER's experience and qualifications and represent ENGINEER's best judgment as an experienced and qualified professional generally familiar with the industry. However, since ENGINEER has no control over the cost of labor, materials, equipment, or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions, ENGINEER cannot and does not guarantee that proposals, bids, or actual Construction Cost will not vary from opinions of probable Construction Cost prepared by ENGINEER. If CLIENT wishes greater assurance as to probable Construction Cost, CLIENT shall employ an independent cost estimator.

##### 5.02 Designing to Construction Cost Limit

- A. If a Construction Cost limit is established between CLIENT and ENGINEER, such Construction Cost limit and a statement of ENGINEER's rights and responsibilities with respect thereto will be specifically set forth in Exhibit C - Supplemental General Conditions.

##### 5.03 Opinions of Total Project Costs

- A. ENGINEER assumes no responsibility for the accuracy of opinions of Total Project Costs.

#### ARTICLE 6 - GENERAL CONSIDERATIONS

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##### 6.01 Standards of Performance

- A. The standard of care for all professional engineering and related services performed or furnished by ENGINEER under this Agreement will be the care and skill ordinarily used by members of ENGINEER's profession practicing under similar circumstances at the same time and in the same locality. ENGINEER makes no warranties, express or implied, under this Agreement or otherwise, in connection with ENGINEER's services.
- B. ENGINEER shall be responsible for the technical accuracy of its services and documents resulting therefrom, and CLIENT shall not be responsible for discovering deficiencies therein. ENGINEER shall correct such deficiencies without additional compensation except to the extent such action is directly attributable to deficiencies in CLIENT-furnished information.

after which the receiving party shall be deemed to have accepted the data thus transferred. Any errors detected within the 60-day acceptance period will be corrected by the party delivering the electronic files. ENGINEER shall not be responsible to maintain documents stored in electronic media format after acceptance by CLIENT.

- E. When transferring documents in electronic media format, ENGINEER makes no representations as to long term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by ENGINEER at the beginning of this Project.
- F. CLIENT may make and retain copies of Documents for information and reference in connection with use on the Project by CLIENT. Such Documents are not intended or represented to be suitable for reuse by CLIENT or others on extensions of the Project or on any other project. Any such reuse or modification without written verification or adaptation by ENGINEER, as appropriate for the specific purpose intended, will be at CLIENT's sole risk and without liability or legal exposure to ENGINEER or to ENGINEER's Consultants. CLIENT shall indemnify and hold harmless ENGINEER and ENGINEER's Consultants from all claims, damages, losses, and expenses, including attorneys' fees arising out of or resulting therefrom.
- G. If there is a discrepancy between the electronic files and the hard copies, the hard copies govern.
- H. Any verification or adaptation of the Documents for extensions of the Project or for any other project will entitle ENGINEER to further compensation at rates as defined in Exhibit B.

#### 6.05 Insurance

- A. ENGINEER shall procure and maintain insurance as set forth below:
  - 1. Workers Compensation & Employer's Liability
    - a. Each Occurrence: \$1,000,000
  - 2. General Liability
    - a. Each Occurrence: \$1,000,000
    - b. General Aggregate: \$2,000,000
  - 3. Excess or Umbrella Liability
    - a. Each Occurrence: \$5,000,000
    - b. General Aggregate: \$5,000,000
  - 4. Automobile Liability
    - a. Combined Single Limit (Bodily Injury and Property Damage):  
Each Accident \$1,000,000
  - 5. Professional Liability
    - a. Each Occurrence: \$2,000,000
    - b. General Aggregate: \$2,000,000
- B. CLIENT shall cause ENGINEER and ENGINEER's Consultants to be listed as additional insureds on any general liability or property insurance policies carried by CLIENT which are applicable to the Project.
- C. CLIENT shall require Contractor to purchase and maintain general liability and other insurance as specified in the Contract Documents and to cause ENGINEER and ENGINEER's Consultants to be listed as additional insureds with respect to

such liability and other insurance purchased and maintained by Contractor for the Project

- D. CLIENT and ENGINEER shall each deliver to the other certificates of insurance evidencing the coverage.
- E. All policies of property insurance shall contain provisions to the effect that ENGINEER's and ENGINEER's Consultants' interests are covered and that in the event of payment of any loss or damage the insurers will have no rights of recovery against any of the insureds or additional insureds thereunder.
- F. At any time, CLIENT may request that ENGINEER, at CLIENT's sole expense, provide additional insurance coverage, increased limits, or revised deductibles that are more protective. If so requested by CLIENT, with the concurrence of ENGINEER, and if commercially available, ENGINEER shall obtain and shall require ENGINEER's Consultants to obtain such additional insurance coverage, different limits, or revised deductibles for such periods of time as requested by CLIENT.

- E. CLIENT acknowledges that ENGINEER is performing professional services for CLIENT and that ENGINEER is not and shall not be required to become an "arranger," "operator," "generator," or "transporter" of hazardous substances, as defined in the Comprehensive Environmental Response, Compensation, and Liability Act of 1990 (CERCLA), which are or may be encountered at or near the Site in connection with ENGINEER's activities under this Agreement.
- F. If ENGINEER's services under this Agreement cannot be performed because of a Hazardous Environmental Condition, the existence of the condition shall justify ENGINEER's terminating this Agreement for cause on 30 days notice.

#### 6.11 Allocation of Risks

##### A. Indemnification

1. To the fullest extent permitted by law, ENGINEER shall indemnify and hold harmless CLIENT, CLIENT's officers, directors, partners, and employees from and against any and all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) caused solely by the negligent acts or omissions of ENGINEER or ENGINEER's officers, directors, partners, employees, and ENGINEER's Consultants in the performance and furnishing of ENGINEER's services under this Agreement.
2. To the fullest extent permitted by law, CLIENT shall indemnify and hold harmless ENGINEER, ENGINEER's officers, directors, partners, employees, and ENGINEER's Consultants from and against any and all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) caused solely by the negligent acts or omissions of CLIENT or CLIENT's officers, directors, partners, employees, and CLIENT's consultants with respect to this Agreement or the Project.
3. To the fullest extent permitted by law, ENGINEER's total liability to CLIENT and anyone claiming by, through, or under CLIENT for any cost, loss, or damages caused in part by the negligence of ENGINEER and in part by the negligence of CLIENT or any other negligent entity or individual, shall not exceed the percentage share that ENGINEER's negligence bears to the total negligence of CLIENT, ENGINEER, and all other negligent entities and individuals.
4. In addition to the indemnity provided under paragraph 6.11.A.2 of this Agreement, and to the fullest extent permitted by law, CLIENT shall indemnify and hold harmless ENGINEER and its officers, directors, partners, employees, and ENGINEER's Consultants from and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) caused by, arising out of or resulting from a Hazardous Environmental Condition, provided that (i) any such cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than completed Work), including the loss of use resulting therefrom, and (ii) nothing in this paragraph 6.11.A.4. shall

obligate CLIENT to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence or willful misconduct.

5. The indemnification provision of paragraph 6.11.A.1 is subject to and limited by the provisions agreed to by CLIENT and ENGINEER in Exhibit C, "Supplemental Conditions," if any.

#### 6.12 Notices

- A. Any notice required under this Agreement will be in writing, addressed to the appropriate party at its address on the signature page and given personally, or by registered or certified mail postage prepaid, or by a commercial courier service. All notices shall be effective upon the date of receipt.

#### 6.13 Survival

- A. All express representations, indemnifications, or limitations of liability included in this Agreement will survive its completion or termination for any reason.

#### 6.14 Severability

- A. Any provision or part of the Agreement held to be void or unenforceable under any Laws or Regulations shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon CLIENT and ENGINEER, who agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

#### 6.15 Waiver

- A. Non-enforcement of any provision by either party shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

#### 6.16 Headings

- A. The headings used in this Agreement are for general reference only and do not have special significance.

#### 6.16 Definitions

- A. Defined terms will be in accordance with EJCDC No. 1910-1 (1996 Edition)

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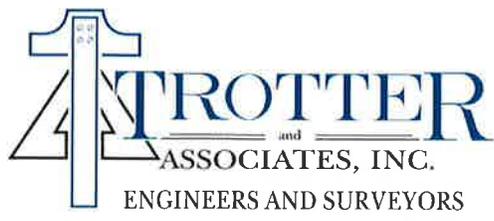
Item No.	Description	Quantity	Unit	Unit Price	Extension	Ad'd'l Scope Extension
<b>TERTIARY FILTERS/ CHEM FEED (continued)</b>						
	Electrical				\$0	
	Power Distribution Sections	6	Lump Sum	\$12,000.00	\$72,000	
	Auto Valves	32	Lump Sum	\$1,000.00	\$32,000	
	Blowers	2	Lump Sum	\$1,200.00	\$2,400	
	Compressor	1	Lump Sum	\$1,000.00	\$1,000	
	Lighting	16	Each	\$500.00	\$8,000	
	Instrumentation & Control				\$0	
	PLC & Programming	1	Lump Sum	\$40,000.00	\$40,000	
<b>FILTERS/ CHEM FEED/ RE-AERATION</b>					<b>\$2,495,570</b>	<b>\$0</b>
<b>UV DISINFECTION</b>						
	Demo UV Equipment	1	Lump Sum	\$12,000		\$12,000
	UV Equipment	1	Lump Sum	\$250,000		\$250,000
	Installation	1	Lump Sum	\$40,000		\$40,000
	Electrical (Equipment and Labor)	1	Lot	\$20,000		\$20,000
	NPW System	1	Lump Sum	\$40,000		\$40,000
	NPW Installation	1	Lump Sum	\$10,000		\$10,000
	NPW Filtration System (Location TBD)	1	Lump Sum	\$55,000		\$55,000
	Hydropneumatic Tank (Location TBD)	1	Lump Sum	\$15,000		\$15,000
	New Enclosure	1	Lump Sum	\$180,000		\$180,000
<b>UV DISINFECTION</b>					<b>\$0</b>	<b>\$622,000</b>
<b>RAS PUMP STATION</b>						
	Immersible Pumps	0			\$0	
	Electrical	1.00	Each	\$28,000.00	\$56,000	
	PLC & Programming	1	Lump Sum	\$15,000.00	\$15,000	
		1	Lump Sum	\$5,000.00	\$5,000	
<b>RAS PUMP STATION</b>					<b>\$76,000</b>	<b>\$0</b>
<b>AEROBIC DIGESTION</b>						
	8" Air Piping	160	Lin. Ft.	\$180	\$28,800.00	
	8" Butterfly Valves	4	Each	\$500	\$2,000.00	
	PD Blowers	3	Each	\$28,000	\$84,000.00	
	Install PD Blowers	3	Each	\$12,000	\$36,000.00	
	Electrical (Equipment and Labor)	1	Lot	\$20,000	\$20,000.00	
	Recycle Pumps	2	Each	\$15,000		\$30,000.00
	Building Rehab	1	Lump Sum	\$100,000.00		\$100,000
<b>AEROBIC DIGESTION</b>					<b>\$170,800</b>	<b>\$130,000</b>
<b>SLUDGE HANDLING BUILDING</b>						
	Excavation	978	Cu. Yds.	\$16.00	\$15,644	
	Holding Tank Concrete Walls	154	Cu. Yds.	\$625.00	\$96,296	
	Holding Tank Concrete Slabs	80	Cu. Yds	\$525.00	\$42,000	
	Concrete Walls	60	Cu. Yds.	\$625.00	\$37,778	
	Concrete Slabs	222	Cu. Yds	\$525.00	\$116,667	
	Pre-Cast Slabs	74	Cu. Yds.	\$400.00	\$29,630	
	Architectural					
	Brick/ Block	3,264.00	Sq. Ft.	\$20.00	\$65,280	
	Interior Block	1,440.00	Sq Ft	\$16.00	\$23,040	
	Manufactured Stone	100.00	Sq. Ft.	\$30.00	\$3,000	
	Louvers	300.00	Sq. Ft.	\$50.00	\$15,000	
	Doors Roll	1	Each	\$12,000.00	\$12,000	
	Exterior Double Door	1.00	Each	\$6,000.00	\$6,000	
	Exterior Aluminum Doors	1.00	Each	\$3,000.00	\$3,000	
	Interior Single Door	3.00	Each	\$3,000.00	\$9,000	
	Lintels & Sills	200.00	Lin. Ft.	\$20.00	\$4,000	
	Liquid Water Repellent	3,264.00	Sq. Ft.	\$1.25	\$4,080	
	Under Slab Vapor Barrier	2,000.00	Sq. Ft.	\$0.22	\$440	
	Aluminum Facia	3,240.00	Lin. Ft.	\$5.00	\$16,200	

Item No.	Description	Quantity	Unit	Unit Price	Extension	Add'l Scope Extension
<b>BIOLOGICAL PROCESS (continued)</b>						
	2nd Stage Aerobic Basins				\$0	
	8" Exterior Header	24	Lin. Ft.	\$180.00	\$4,320	
	8" Butterfly Aeration System	2	Each	\$1,250.00	\$2,500	
	Aeration Installation	3	Lump Sum	\$7,500.00	\$22,500	
	Mud Valves	3	Lump Sum	\$7,500.00	\$22,500	
	8" Drain Line	1	Each	\$1,250.00	\$1,250	
	D.O. Probes	8	Lin. Ft.	\$80.00	\$640	
	Electrical	3	Each	\$3,500.00	\$10,500	
	Centrifugal Blowers	2	Each	\$1,700.00	\$3,400	
	PD Blowers	3	Each	\$4,500.00	\$13,500	
	Mixers	9	Each	\$6,500.00	\$58,500	
	Recycle Pumps	3	Each	\$6,500.00	\$19,500	
	MCC Sections	6	Each	\$12,000.00	\$72,000	
	Conduit & Wire	2000	Each	\$30.00	\$60,000	
	Instrumentation & Control	0			\$0	
	D.O. Probes	12	Each	\$3,000.00	\$36,000	
	ORP Probes	6	Each	\$10,000.00		\$60,000
	Phosphax	1	Each	\$21,000.00		\$21,000
	Filtrax	1	Each	\$12,000.00		\$12,000
	Solitax	1	Each	\$12,000.00		\$12,000
	Nitritax	1	Each	\$18,000.00		\$18,000
	Controllers	11	Each	\$10,000.00		\$110,000
	Primary Element Installation	1	Lump Sum	\$117,000.00		\$117,000
	Magnetic Flow Meters	3	Each	\$8,000.00		\$24,000
	PLC & Programming	1	Lump Sum	\$40,000.00	\$40,000	
	Level Transducer	3	Each	\$1,500.00	\$4,500	
<b>BIOLOGICAL PROCESS</b>					<b>\$1,758,437</b>	<b>\$409,000</b>
<b>TERTIARY CLARIFIERS</b>						
	Clarifier Drive	2	Each	\$30,000.00		\$60,000
	Installation	2	Each	\$10,000.00		\$20,000
	Handrail and Grating Removal	2	Each	\$5,000.00		\$10,000
	Handrail and Grating Replacement	2	Each	\$10,000.00		\$20,000
	Safety Ring and Ladder for Launderers	2	Each	\$15,000.00		\$30,000
	Electrical	1	Lump Sum	\$45,000.00		\$45,000
<b>TERTIARY CLARIFIERS</b>					<b>\$0</b>	<b>\$185,000</b>
<b>TERTIARY FILTERS/ CHEM FEED</b>						
	Excavation	2244	Cu.Yds.	\$16.00	\$35,900	
	Concrete				\$0	
	Building slabs	197	Cu.Yds.	\$400.00	\$78,844	
	Building Walls	133	Cu.Yds.	\$625.00	\$83,333	
	Tank Slab	80	Cu.Yds.	\$525.00	\$42,000	
	Tank Walls	154	Cu.Yds.	\$625.00	\$96,250	
	Pre-Cast Slabs	197	Cu.Yds.	\$400.00	\$78,800	
	Architectural				\$0	
	Brick/ Block	7,200.00	Sq.Ft.	\$20.00	\$144,000	
	Interior Block	1,952.00	Sq Ft	\$16.00	\$31,232	
	Architectural Pre-cast Concrete	200.00	Sq.Ft.	\$60.00	\$12,000	
	Manufactured Stone	200.00	Sq.Ft.	\$30.00	\$6,000	
	Louvers	200.00	Sq. Ft.	\$50.00	\$10,000	
	Exterior Double Door	3.00	Each	\$6,000.00	\$18,000	
	Interior Single Door	1.00	Each	\$3,200.00	\$3,200	
	Lintels & Sills	40.00	Lin.Ft.	\$20.00	\$800	
	Liquid Water Replent	7,200.00	Sq.Ft.	\$1.25	\$9,000	

Item No.	Description	Quantity	Unit	Unit Price	Extension	Add'l Scope Extension
<b>GENERAL CONDITIONS</b>						
	Dumpsters	12	Each	\$ 500.00	\$ 6,000.00	
	Job Trailer	12	Mo.	\$ 1,200.00	\$ 14,400.00	
	Eng Trailer	12	Mo.	\$ 1,200.00	\$ 14,400.00	
	Supervision & Surveying	12	Mo.	\$ 12,800.00	\$ 153,600.00	
	Phone	16	Mo.	\$ 100.00	\$ 1,600.00	
	Record Drawing	1	Each	\$ 12,000.00	\$ 12,000.00	
	Bonds & Insurance	1	Each	\$ 80,000.00	\$ 80,000.00	\$ 30,000.00
	Overhead & Profit	1	Each	\$ 400,000.00	\$ 400,000.00	\$ 300,000.00
<b>TOTAL GENERAL CONDITIONS</b>					<b>\$ 682,000.00</b>	<b>\$ 330,000.00</b>
<b>SITework</b>						
	Top Soil Re-spread	1600	Cu. Yd.	\$10.00	\$16,000	
	Seeding	1	Acre	\$3,200.00	\$3,200	
	Erosion Control	1	Lump Sum	\$10,000.00	\$10,000	
	Sidewalk	1500	Sq. Ft.	\$7.00	\$10,500	
	Paving (Full Depth)	2,000	Sq Yd	\$20.00	\$40,000	
	Stone Subgrade	2,000	Sq Yd	\$13.00	\$26,000	
	Geotextile Fabric	2,000	Sq Yd	\$2.00	\$4,000	
	Piping				\$0	
	2" Natural Gas	420	Lin.Ft.	\$20.00	\$8,400	
	3" Methanol Raceway	200	Lin.Ft.	\$30.00	\$6,000	
	3" Ferric Raceway	200	Lin.Ft.	\$30.00	\$6,000	
	4" DIP NPW	90	Lin.Ft.	\$40.00	\$3,600	
	6" DIP Digested Sludge	700	Lin.Ft.	\$60.00	\$42,000	
	8" DIP RAS	400	Lin.Ft.	\$80.00	\$32,000	
	8" DIP Sewer	200	Lin.Ft.	\$80.00	\$16,000	
	8" DIP Drain	310	Lin.Ft.	\$80.00	\$24,800	
	12" Conc Storm	40	Lin.Ft.	\$120.00	\$4,800	
	15" Conc Storm	40	Lin. Ft.	\$150.00	\$6,000	
	16" DIP Effluent	80	Lin. Ft.	\$160.00	\$12,800	
	Fittings	10000	Lb.	\$8.00	\$80,000	
	12" DIP Water Main	1000	Lin. Ft.	\$120.00		\$120,000
	12" Gate Valve and Vault	1	Each	\$3,500.00		\$4,375
	Fire Hydrants, Lead, Isolation Valve	3	Each	\$3,500.00		\$10,500
	Jack and Bore Under Rt. 38	0	Lin. Ft.	\$300.00		\$0
	Utility bedding material/aggregate	2000	Cu. Yd	\$30.00	\$60,000	
	Backfill for utilities	1000	Cu. Yd	\$30.00	\$30,000	
	Electrical	1	LumpSum	\$200,000.00	\$200,000	
<b>Site Work</b>					<b>\$642,100</b>	<b>\$134,875</b>
<b>RAW SEWAGE PUMP STATION</b>						
	Pump	1	Lump Sum	\$38,000.00	\$38,000	
	Additional Pump	1	Lump Sum	\$38,000.00		\$38,000
	Electrical	1	Lump Sum	\$12,000.00	\$12,000	
	Variable Frequency Drives	2	Each	\$20,000.00		\$40,000
	PLC & Programming	1	Lump Sum	\$5,000.00	\$5,000	
<b>RAW SEWAGE PUMP STATION</b>					<b>\$55,000</b>	<b>\$78,000</b>
<b>HEADWORKS</b>						
	Screen & Panel	1	Lump Sum	\$117,000.00	\$117,000	
	Replacement Screen & Panel	1	Lump Sum	\$117,000.00		\$117,000
	Screen Installation	1	Lump Sum	\$17,000.00	\$17,000	
	Replacement Screen Installation	1	Lump Sum	\$17,000.00		\$17,000
	Electrical	1	Lump Sum	\$12,000.00	\$12,000	
	PLC & Programming	1	Lump Sum	\$5,000.00	\$5,000	
<b>HEADWORKS</b>					<b>\$151,000</b>	<b>\$134,000</b>

CLIENT Initial \_\_\_\_\_

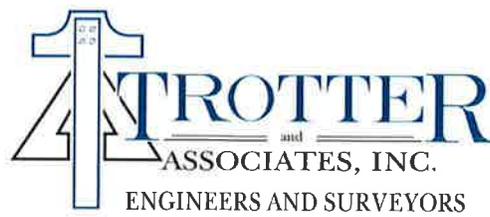
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CLIENT Initial \_\_\_\_\_

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E. Certification Regarding Debarment, Suspension and Other Responsibility Matters

The Engineer certifies to the best of its knowledge and belief that it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any federal department or agency;
2. Have not within a three year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
3. Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and
4. Have not within a three year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

The Engineer understands that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition under 18 USC Sec. 1001, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

- F. If any legal action or other proceeding is brought for the breach of this Agreement, the prevailing party shall be entitled to reasonable attorneys' fees and other costs incurred in bringing such action or proceeding, in addition to any other relief to which such party may be entitled.

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CLIENT Initial \_\_\_\_\_

TAI Initial \_\_\_\_\_



EXHIBIT F  
MANHOURL ESTIMATE

	Principal Eng.	Engineer VI	Engineer V Electrical	Engineer V Process	Engineer V Civil	Engineer IV	Engineer III	Engineer II	Engineer I	Senior Technician	Technician IV	Technician III	GIS Specialist I	Clerical Level II	PLS	Survey Crew Chief	Department Director		
General Tasks	70	194	0	246	0	8	348	0	346	0	0	0	0	0	0	0	0	40	1242
Preliminary Report	52	0	0	110	0	24	194	0	168	0	106	0	36	0	0	0	0	0	690
EPA Loan	2	0	0	4	0	96	12	0	0	0	0	0	0	0	0	0	0	0	114
Preliminary Design Phase	36	0	0	68	0	0	124	0	116	16	352	0	0	76	22	120	0	0	930
Design Development Phase	110	26	94	376	64	0	570	32	100	44	406	40	0	0	0	0	0	0	1862
Final Design Phase	80	25	204	234	56	24	338	60	232	8	530	88	0	0	0	0	0	0	1879
Design Addendum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reimbursables	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bidding and Negotiating Phase	8	0	12	34	16	0	64	0	28	8	32	0	0	0	0	0	0	0	202
Construction Phase	116	28	62	1078	0	0	1505	3506	0	8	0	88	0	0	8	20	18	0	6437
Contractor's Completion Documents	90	0	8	88	0	0	172	0	192	4	0	80	0	0	0	0	0	0	624
Reimbursables	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	554	263	380	2238	136	152	3327	3598	1182	88	1426	296	36	76	30	140	58	0	

**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 6.d

Title:

Recommendation to Award the Proposal for SCADA Program Management – Phase 2 to Concentric Integration

Presenter:

Tim Wilson

Meeting: Government Services Committee

Date: July 22, 2019

Proposed Cost: \$469,700

Budgeted Amount: \$500,000

Not Budgeted: **Executive Summary** *(if not budgeted please explain):*

For reliability, efficiency and safety, the water and wastewater treatment and pump facilities require continuous automated operation. Currently, the backbone of this operation is controlled by the water and wastewater Supervisory Control and Data Acquisition (SCADA) systems. Both the water and wastewater utility's SCADA system are comprised of computer hardware and software systems. Due to the aging infrastructure, the SCADA system lacks security constraints, backup systems, has no integration to the City network and has limited data acquisition; therefore it is nearing the end of its life.

In 2016 Concentric was selected as part of a request for qualifications process. Over the last two years Concentric successfully completed the first phase of the project. During this phase Concentric successfully worked with several departments within the City creating a SCADA network, updating the software packages and upgrading the lift stations. In the next phase of this project, Concentric will provide program management services and subcontractor coordination. It will also involve technological improvements, the installation of the system at remote sites and the professional services to oversee and coordinate this phase of the project. Concentric will provide verification of installations, quality control testing of all equipment, and manage the work by subcontractors. In addition, they will configure and coordinate the SCADA network design and configuration with the City's information system network and team.

Concentric has great knowledge of the City's current networks and the SCADA Master Plan. They have collaborated closely with Public Works and the Information Systems staff during the planning phase of this project, being the most qualified firm. Public Works recommends continuing this project with Concentric Integration to implement and oversee the next phase of improvements.

**Attachments** *(please list):*

\* Concentric Proposal Phase 2

**Recommendation/Suggested Action** *(briefly explain):*

Recommendation to award the Proposal for SCADA Program Management – Phase 2 to Concentric Integration for a not to exceed price of \$469,700.



**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 6.e

Title:

Recommendation to Approve Budget Addition for  
“Checkerboard” Parking Lot Site Improvements

Presenter:

AJ Reineking

Meeting: Government Services Committee

Date: July 22, 2019

Proposed Cost:  
\$89,525 or \$177,109

Budgeted Amount:

Not Budgeted:

**Executive Summary** *(if not budgeted please explain):*

At the Government Services Committee’s direction, staff has received bids for the replacement of the “Checkerboard” Parking Lot, located in front of City Hall at the intersection of Main Street and Riverside Avenue, to include options for asphalt as well as decorative concrete. The low price for the base bid received for this project, including site improvements with an asphalt surface, is \$89,524.39. The option to include a decorative concrete surface brings the total price to \$177,109.00.

Either option will be offset by a \$50,000 reimbursement grant that the City has received from the State of Illinois.

**Attachments** *(please list):*

None

**Recommendation/Suggested Action** *(briefly explain):*

Recommendation to approve a Budget Addition for the Checkerboard Parking Lot Site Improvements Base Bid (asphalt) in the amount of \$89,524.39.

**OR**

Recommendation to approve the Budget Addition for the Checkerboard Parking Lot Site Improvements Alternate Bid (concrete) in the amount of \$177,109.00.



**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 6.f

Title:

Recommendation to Award the Bid for City Hall  
“Checkerboard” Parking Lot Site Improvements

Presenter:

AJ Reineking

Meeting: Government Services Committee

Date: July 22, 2019

Proposed Cost:

\$89,525 *or* \$177,109

Budgeted Amount:

Requires Budget Addition

Not Budgeted:



**Executive Summary** *(if not budgeted please explain):*

In February, the Government Services Committee was presented with three options for replacement of Parking Lot A, the “Checkerboard” parking lot located at City Hall. The three options included reconstructing the lot out of asphalt, concrete, or pavers, with consideration given to site improvements that would remove one of the two steps up to the sidewalk, add one additional parking space, and enhance the drainage of the lot. The Committee unanimously supported the site improvements, and all feedback indicated that the pavers would require too much maintenance. There was general support for the concrete design over asphalt, but the members wanted to see an actual price difference based on real bids.

With that direction, the Public Works Department finalized a design and solicited bids to include the site improvements and an asphalt base bid, with an optional alternate for decorative concrete surface, and a second optional alternate for a fixed irrigated planter system, similar to that in front of the building.

The City received five responses to the solicitation. Evans & Son of West Chicago submitted the lowest bid for the base bid, asphalt lot. Martam Construction of Elgin, IL submitted the lowest bid if the City were to choose the decorative concrete alternative. Both companies have worked for the City in the past and performed to the City’s expectations.

The City is anticipating the award of a \$50,000 grant from the State of Illinois in the coming weeks which is to be applied to this project.

**Attachments** *(please list):*

- \* Complete Bid Tabulation \* Bid Tabulation: Totals Only for Evans & Son and Martam Construction
- \* February 2019 Concept Design Images

**Recommendation/Suggested Action** *(briefly explain):*

Recommendation to award the base bid (asphalt) for Checkerboard Lot Site Improvements to Evans & Son in the amount of \$89,524.39.

**OR**

Recommendation to award the base bid and Alternate 1 (concrete) for Checkerboard Lot Site Improvements to Martam Construction in the amount of \$177,109.00.

Checkerboard Lot Site Improvements Bid

27-Jun-19

		Evans & Son		Geneva Construction		Martam Construction		Alamp Concrete		Alliance Contractors	
		West Chicago, IL		Aurora, IL		Elgin, IL		Schaumburg, IL		Woodstock, IL	
Base Bid	Quantity	Unit	Total	Unit	Total	Unit	Total	Unit	Total	Unit	Total
Removal of Unsuitable Material	50	\$ 41.20	\$ 2,060.00	\$ 75.00	\$ 3,750.00	\$ 76.00	\$ 3,800.00	\$ 5.00	\$ 250.00	\$ 45.00	\$ 2,250.00
Geotechnical Fabric	662	\$ 2.10	\$ 1,390.20	\$ 1.75	\$ 1,158.50	\$ 4.00	\$ 2,648.00	\$ 5.00	\$ 3,310.00	\$ 1.00	\$ 662.00
Aggregate Subgrade Improvement	50	\$ 46.40	\$ 2,320.00	\$ 55.00	\$ 2,750.00	\$ 55.00	\$ 2,750.00	\$ 5.00	\$ 250.00	\$ 45.00	\$ 2,250.00
Aggregate Base Course	168	\$ 22.10	\$ 3,712.80	\$ 52.00	\$ 8,736.00	\$ 56.00	\$ 9,408.00	\$ 10.00	\$ 1,680.00	\$ 45.00	\$ 7,560.00
Preparation of Base	662	\$ 10.10	\$ 6,686.20	\$ 1.20	\$ 794.40	\$ 6.00	\$ 3,972.00	\$ 5.00	\$ 3,310.00	\$ 4.00	\$ 2,648.00
Bituminous Material - Prime Coat	1490	\$ 0.32	\$ 476.80	\$ 1.00	\$ 1,490.00	\$ 1.10	\$ 1,639.00	\$ 0.01	\$ 14.90	\$ 1.00	\$ 1,490.00
Bituminous Material - Tack Coat	298	\$ 0.50	\$ 149.00	\$ 2.00	\$ 596.00	\$ 1.10	\$ 327.80	\$ 0.01	\$ 2.98	\$ 1.00	\$ 298.00
Hot Mix Asphalt - Binder	153	\$ 81.00	\$ 12,393.00	\$ 108.00	\$ 16,524.00	\$ 144.00	\$ 22,032.00	\$ 104.00	\$ 15,912.00	\$ 119.25	\$ 18,245.25
Hot Mix Asphalt - Surface	77	\$ 112.00	\$ 8,624.00	\$ 140.00	\$ 10,780.00	\$ 156.00	\$ 12,012.00	\$ 145.00	\$ 11,165.00	\$ 124.00	\$ 9,548.00
Portland Cement Concrete Sidewalk	1207	\$ 10.50	\$ 12,673.50	\$ 8.50	\$ 10,259.50	\$ 7.00	\$ 8,449.00	\$ 9.00	\$ 10,863.00	\$ 8.50	\$ 10,259.50
Detectable Warnings	10	\$ 45.30	\$ 453.00	\$ 24.00	\$ 240.00	\$ 33.00	\$ 330.00	\$ 40.00	\$ 400.00	\$ 40.00	\$ 400.00
Pavement Removal	642	\$ 17.00	\$ 10,914.00	\$ 28.00	\$ 17,976.00	\$ 18.00	\$ 11,556.00	\$ 25.00	\$ 16,050.00	\$ 55.00	\$ 35,310.00
Curb Removal	59	\$ 19.60	\$ 1,156.40	\$ 20.00	\$ 1,180.00	\$ 12.00	\$ 708.00	\$ 10.00	\$ 590.00	\$ 25.00	\$ 1,475.00
Combination Curb & Gutter Removal	88	\$ 5.60	\$ 492.80	\$ 20.00	\$ 1,760.00	\$ 12.00	\$ 1,056.00	\$ 10.00	\$ 880.00	\$ 25.00	\$ 2,200.00
Sidewalk Removal	1443	\$ 1.70	\$ 2,453.10	\$ 2.15	\$ 3,102.45	\$ 2.00	\$ 2,886.00	\$ 2.00	\$ 2,886.00	\$ 4.75	\$ 6,854.25
Storm Sewers, Class A	30	\$ 77.60	\$ 2,328.00	\$ 120.00	\$ 3,600.00	\$ 144.00	\$ 4,320.00	\$ 250.00	\$ 7,500.00	\$ 155.00	\$ 4,650.00
Manholes, Type A - Closed Lid	1	\$ 1,516.00	\$ 1,516.00	\$ 8,000.00	\$ 8,000.00	\$ 3,610.00	\$ 3,610.00	\$ 5,000.00	\$ 5,000.00	\$ 3,665.00	\$ 3,665.00
Manholes, Type A - Grate Lid	1	\$ 2,250.00	\$ 2,250.00	\$ 7,700.00	\$ 7,700.00	\$ 3,860.00	\$ 3,860.00	\$ 5,000.00	\$ 5,000.00	\$ 3,985.00	\$ 3,985.00
Inlets, Type A	1	\$ 1,011.00	\$ 1,011.00	\$ 4,000.00	\$ 4,000.00	\$ 1,480.00	\$ 1,480.00	\$ 2,500.00	\$ 2,500.00	\$ 2,425.00	\$ 2,425.00
Remove Manhole	2	\$ 1,656.00	\$ 3,312.00	\$ 700.00	\$ 1,400.00	\$ 450.00	\$ 900.00	\$ 500.00	\$ 1,000.00	\$ 250.00	\$ 500.00
Concrete Curb, Type B	43	\$ 39.88	\$ 1,714.84	\$ 40.00	\$ 1,720.00	\$ 31.00	\$ 1,333.00	\$ 50.00	\$ 2,150.00	\$ 32.00	\$ 1,376.00
Combination Concrete Curb & Gutter	184	\$ 31.15	\$ 5,731.60	\$ 28.50	\$ 5,244.00	\$ 31.00	\$ 5,704.00	\$ 35.00	\$ 6,440.00	\$ 36.00	\$ 6,624.00
Mobilization	1	\$ 652.00	\$ 652.00	\$ 4,800.40	\$ 4,800.40	\$ 12,500.00	\$ 12,500.00	\$ 29,000.00	\$ 29,000.00	\$ 20,000.00	\$ 20,000.00
Paint Pavement Marking - Lettering	5	\$ 95.80	\$ 479.00	\$ 10.00	\$ 50.00	\$ 26.00	\$ 130.00	\$ 10.00	\$ 50.00	\$ 23.00	\$ 115.00
Paint Pavement Marking - Striping	559	\$ 0.85	\$ 475.15	\$ 1.25	\$ 698.75	\$ 2.00	\$ 1,118.00	\$ 5.00	\$ 2,795.00	\$ 6.70	\$ 3,745.30
Construction Layout	1	\$ 2,495.00	\$ 2,495.00	\$ 5,000.00	\$ 5,000.00	\$ 6,480.00	\$ 6,480.00	\$ 6,000.00	\$ 6,000.00	\$ 5,300.00	\$ 5,300.00
Relocate Sign Panel	1	\$ 183.00	\$ 183.00	\$ 190.00	\$ 190.00	\$ 260.00	\$ 260.00	\$ 300.00	\$ 300.00	\$ 250.00	\$ 250.00
Concrete Planter Bed Removal	2	\$ 711.00	\$ 1,422.00	\$ 1,250.00	\$ 2,500.00	\$ 1,860.00	\$ 3,720.00	\$ 1,500.00	\$ 3,000.00	\$ 750.00	\$ 1,500.00
<b>Total Base Bid</b>			<b>\$ 89,524.39</b>		<b>\$ 126,000.00</b>		<b>\$ 128,988.80</b>		<b>\$ 138,298.88</b>		<b>\$ 155,585.30</b>
<b>Alternate #1 - Concrete Lot</b>											
Deduct - Aggregate Base Course	-37	\$ 20.00	\$ (740.00)	\$ 52.00	\$ (1,924.00)	\$ 55.00	\$ (2,035.00)	\$ 40.00	\$ (1,480.00)	\$ 45.00	\$ (1,665.00)
Deduct - Bituminous - Prime Coat	-1490	\$ 0.32	\$ (476.80)	\$ 1.00	\$ (1,490.00)	\$ 1.10	\$ (1,639.00)	\$ 0.01	\$ (14.90)	\$ 1.00	\$ (1,490.00)
Deduct - Bituminous - Tack Coat	-298	\$ 0.55	\$ (163.90)	\$ 2.00	\$ (596.00)	\$ 1.10	\$ (327.80)	\$ 0.01	\$ (2.98)	\$ 1.00	\$ (298.00)
Deduct - Asphalt Binder	-153	\$ 81.00	\$ (12,393.00)	\$ 108.00	\$ (16,524.00)	\$ 144.00	\$ (22,032.00)	\$ 104.00	\$ (15,912.00)	\$ 119.25	\$ (18,245.25)
Deduct - Asphalt Base	-77	\$ 112.00	\$ (8,624.00)	\$ 140.00	\$ (10,780.00)	\$ 156.00	\$ (12,012.00)	\$ 145.00	\$ (11,165.00)	\$ 124.00	\$ (9,548.00)
Add - Portland Cement 8"	662	\$ 112.00	\$ 74,144.00	\$ 94.05	\$ 62,261.10	\$ 86.00	\$ 56,932.00	\$ 85.00	\$ 56,270.00	\$ 108.50	\$ 71,827.00

Add - Concrete Color Additive	157	\$ 215.00	\$ 33,755.00	\$ 123.20	\$ 19,342.40	\$ 112.00	\$ 17,584.00	\$ 25.00	\$ 3,925.00	\$ 60.00	\$ 9,420.00
Add - Construction of Compass Design	1	\$ 5,671.00	\$ 5,671.00	\$ 10,512.50	\$ 10,512.50	\$ 11,650.00	\$ 11,650.00	\$ 15,000.00	\$ 15,000.00	\$ 14,650.00	\$ 14,650.00
<b>Total Alternate #1</b>			<b>\$ 91,172.30</b>		<b>\$ 60,802.00</b>		<b>\$ 48,120.20</b>		<b>\$ 46,620.12</b>		<b>\$ 64,650.75</b>
Alternate #2 - Planter											
Decorative Planters	4	\$ 3,163.00	\$ 12,652.00	No Bid		\$ 2,860.00	\$ 11,440.00	\$ 3,500.00	\$ 14,000.00	\$ 1,775.00	\$ 7,100.00
Furnish and Place Topsoil	40	\$ 53.25	\$ 2,130.00	No Bid		\$ 78.00	\$ 3,120.00	\$ 60.00	\$ 2,400.00	\$ 106.00	\$ 4,240.00
Spray Irrigation System	1	\$ 17,015.00	\$ 17,015.00	No Bid		\$ 17,520.00	\$ 17,520.00	\$ 18,000.00	\$ 18,000.00	\$ 48,100.00	\$ 48,100.00
<b>Total Alternate #2</b>			<b>\$ 31,797.00</b>		<b>No Bid</b>		<b>\$ 32,080.00</b>		<b>\$ 34,400.00</b>		<b>\$ 59,440.00</b>

Total of Base + ALT 1	\$ 180,696.69	\$ 186,802.00	\$ 177,109.00	\$ 184,919.00	\$ 220,236.05
Total of Base + ALT 1 & 2	\$ 212,493.69	No Bid	\$ 209,189.00	\$ 219,319.00	\$ 279,676.05

Checkerboard Lot Site Improvements Bid  
27-Jun-19

	<b>Evans &amp; Son</b>	<b>Martam Construction</b>
	<b>West Chicago, IL</b>	<b>Elgin, IL</b>
<b>Total Base Bid</b>	\$ 89,524.39	\$ 128,988.80
<b>Total of Base + ALT 1 (Concrete)</b>	\$ 180,696.69	\$ 177,109.00
<b>Total of Base + ALT 2 (Planters &amp; Irrigation)</b>	\$ 121,321.39	\$ 161,068.80
<b>Total of Base + ALT 1 &amp; 2</b>	\$ 212,493.69	\$ 209,189.00



<b>ALTERNATIVE #1</b>	
RECONSTRUCT EXISTING PARKING LOT WITH NEW ASPHALT PARKING LOT	
<b>EXISTING PARKING COUNTS</b>	
CONVENTIONAL PARKING SPACES	15
ADA ACCESSIBLE PARKING SPACES	1
TOTAL PARKING SPACES	16
<b>PROPOSED PARKING COUNTS</b>	
CONVENTIONAL PARKING SPACES	15
ADA ACCESSIBLE PARKING SPACES	1
TOTAL PARKING SPACES	16

**Client:**  
 City of St. Charles  
 2 East Main Street  
 St. Charles, Illinois 60174  
 T: (630) 377-4400

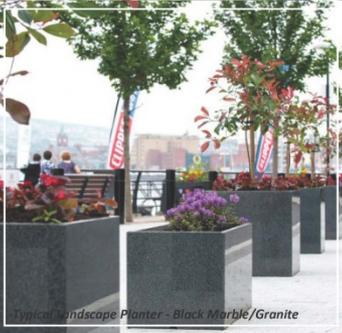
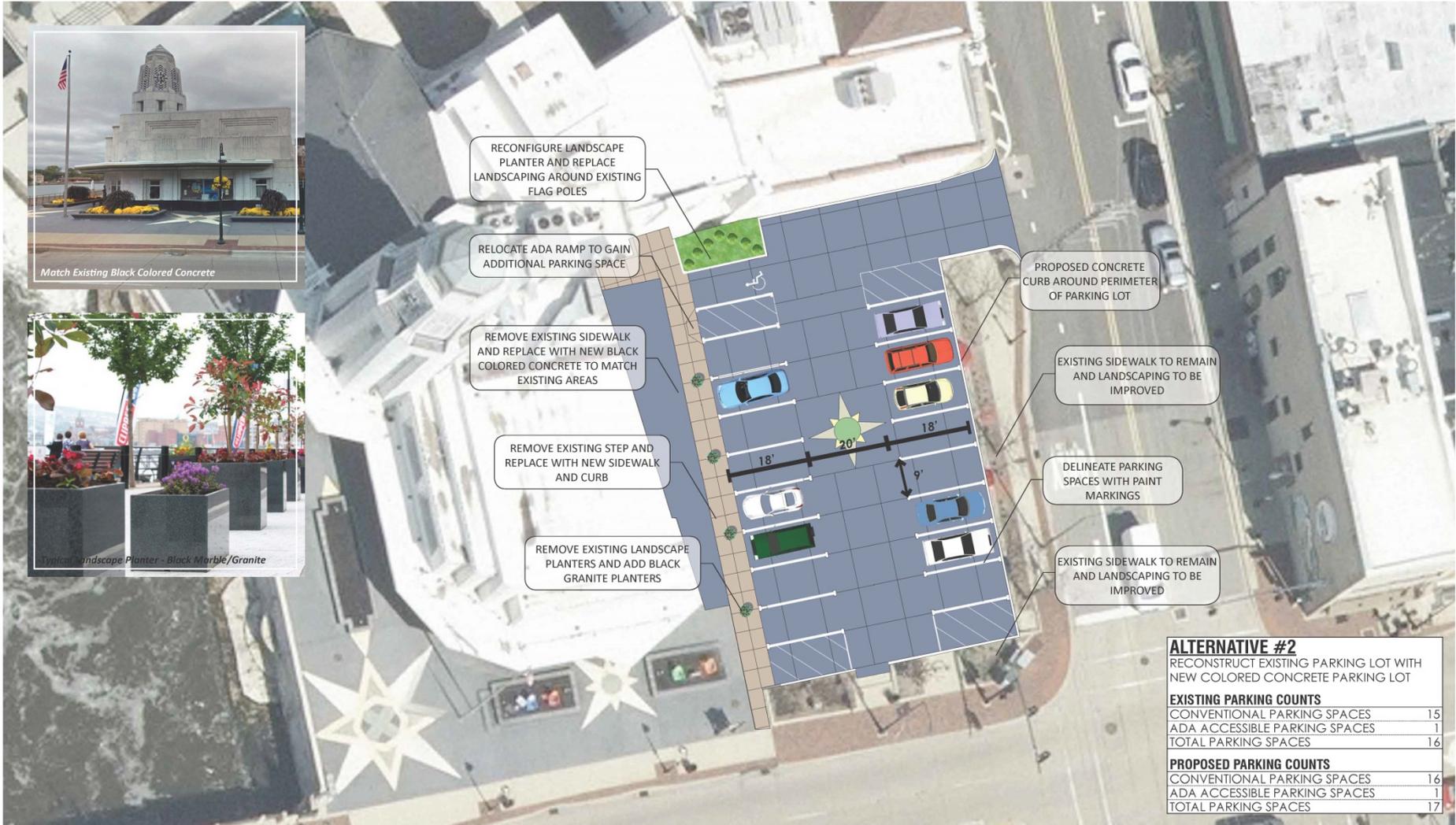


**Planner:**  
 WBK Engineering, LLC.  
 116 West Main Street  
 St. Charles, Illinois  
 T: (630) 443-7755  
 www.wbkengineering.com

## CHECKERBOARD PARKING LOT - Alternative #1

St. Charles, Illinois

Project Number | 18-0278  
 Date | 02/11/2019



**ALTERNATIVE #2**  
RECONSTRUCT EXISTING PARKING LOT WITH NEW COLORED CONCRETE PARKING LOT

**EXISTING PARKING COUNTS**

CONVENTIONAL PARKING SPACES	15
ADA ACCESSIBLE PARKING SPACES	1
TOTAL PARKING SPACES	16

**PROPOSED PARKING COUNTS**

CONVENTIONAL PARKING SPACES	16
ADA ACCESSIBLE PARKING SPACES	1
TOTAL PARKING SPACES	17

**Client:**  
City of St. Charles  
2 East Main Street  
St. Charles, Illinois 60174  
T: (630) 377-4400



**Planner:**  
WBK Engineering, LLC.  
116 West Main Street  
St. Charles, Illinois  
T: (630) 443-7755  
www.wbkengineering.com

## CHECKERBOARD PARKING LOT - Alternative #2

St. Charles, Illinois

Project Number | 18-0278  
Date | 02/11/2019