

**REGULAR CITY COUNCIL MEETING
FARMER CITY, ILLINOIS
MONDAY, JULY 01, 2019
6:00 P.M.
AGENDA**

PRELIMINARY MATTERS

1. Call to order
2. Roll call
3. Pledge of allegiance to the flag
4. Proclamations/presentations/recognitions Roadbotics Road Monitoring Program for Farmer City
5. Public Comment –

SECTION I CONSENT AGENDA

The following items will be adopted on a single motion without discussion unless a council member requests separate consideration:

- A. Approval of the minutes of the June 17, 2019 council minutes
- B. Fund Warrant List

SECTION II: UNFINISHED BUSINESS--Ordinances or resolutions previously tabled.

- A. **ORDINANCE 2019-1034** An Ordinance Authorizing the City Council to Amend an Agreement with Area Disposal for Residential Refuse and Recycling Services.

SECTION III: NEW BUSINESS--Ordinances and resolutions for initial consideration

- A. Approval of payout #2 to Cross Construction for Water/Washington project in the amount of \$95,422.22.

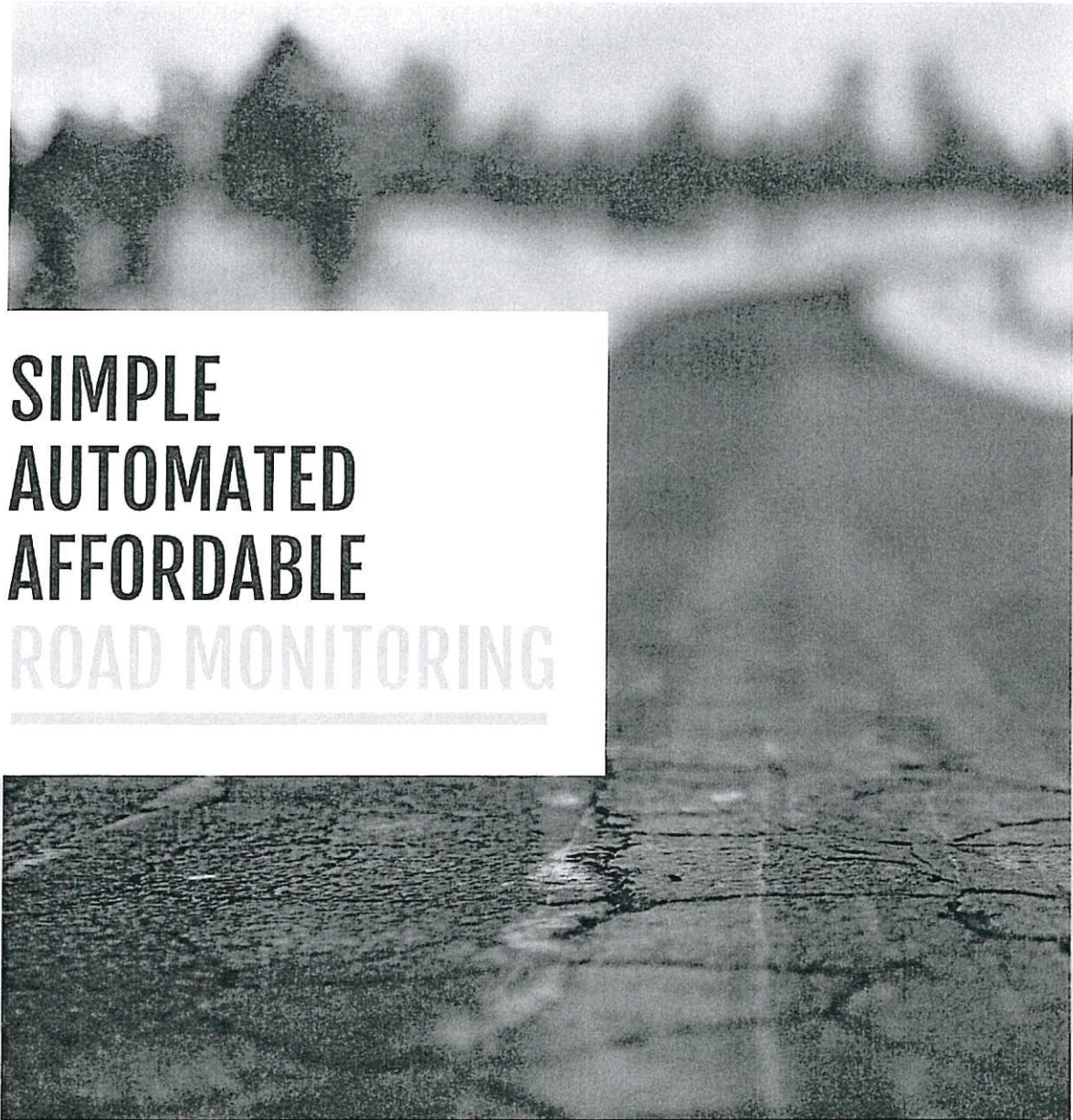
SECTION IV: EXECUTIVE SESSION

SECTION V: OTHER ITEMS

1. City manager report
2. Non-agenda items and other business

ADJOURNMENT

NOTE: Anyone planning to attend the meeting who has need of special assistance under the Americans with Disabilities Act (ADA) is asked to contact the city clerk's office at (309) 928-2842, 48 hours before the meeting. Staff will be pleased to make the necessary arrangements.



**SIMPLE
AUTOMATED
AFFORDABLE**
ROAD MONITORING

Address

6401 Penn Ave, 3rd Floor
Pittsburgh PA, USA 15206

Website

www.roadbotics.com

Contact

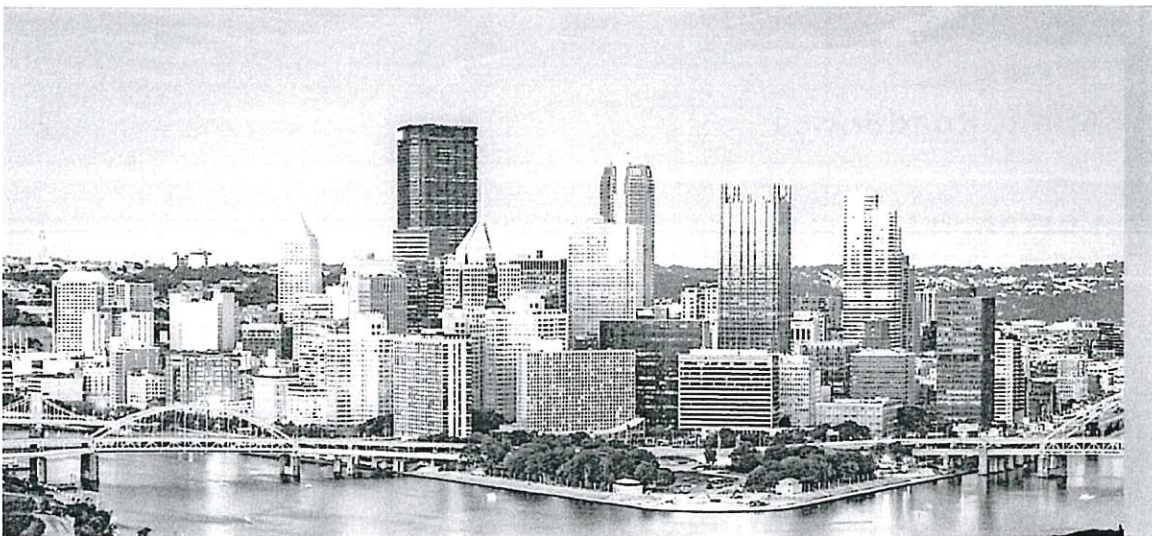
-  +1 (412) 345-3398
-  info@roadbotics.com
-  sales@roadbotics.com

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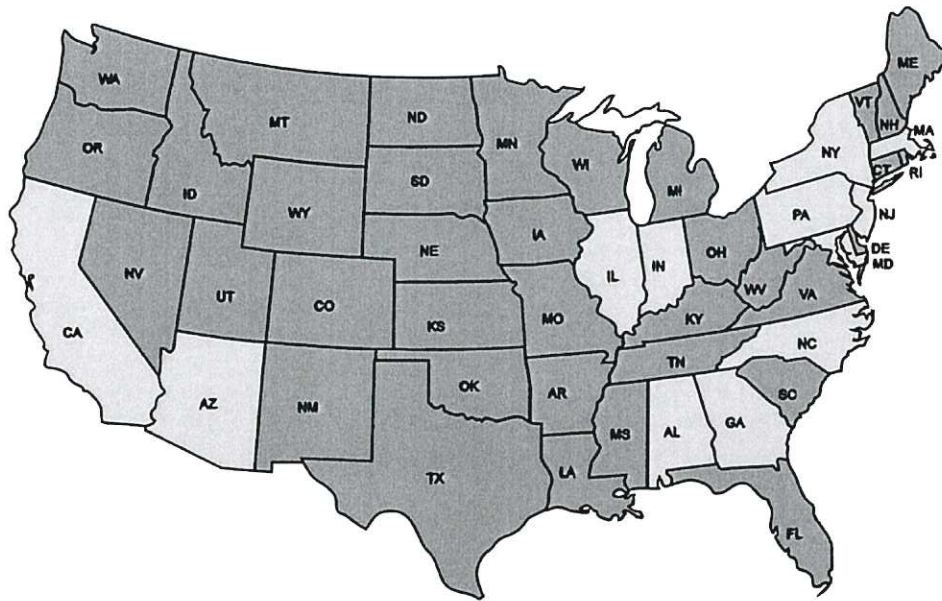
About RoadBotics

RoadBotics is a tool that assesses the surface condition of roads to identify damage. Our solution is web-accessible, takes minutes to learn, and provides rapidly actionable data - all at an unmatched affordable price.



The RoadBotics machine-learning technology was developed at the Carnegie Mellon University Robotics Institute in Pittsburgh with the explicit goal of giving roadway managers and their organizations complete infrastructure transparency. After spinning out into a private company in 2016, RoadBotics developed the technology into a commercial solution.

CURRENTLY IN SEVERAL STATES IN THE US



CUSTOMER'S TESTIMONIAL

"The RoadBotics system and technology provided us a perfect solution to problems that we were having; something we can use to keep the data up to date, to regularly monitor, and to make proper public investment decisions for our road program"

Mike Turley, Township Manager
North Huntingdon Township
Pennsylvania

Technology

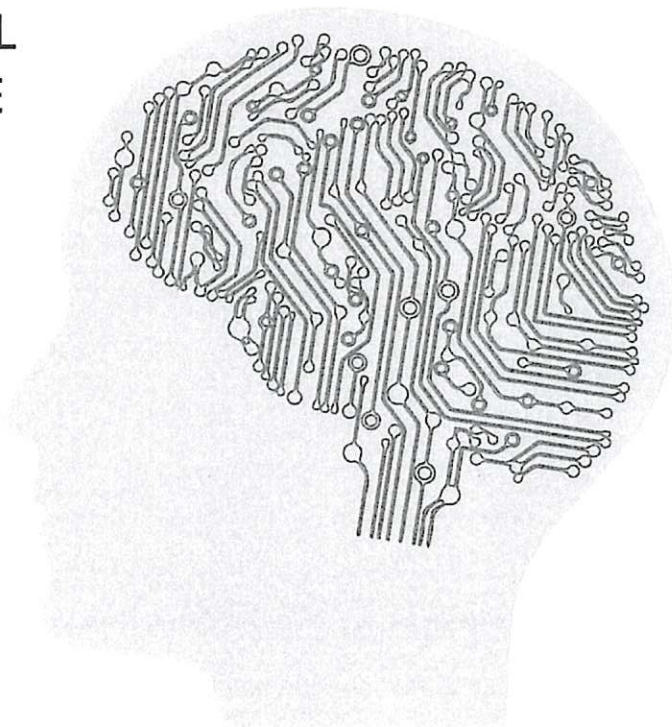
SMARTPHONES

Today's smartphones come with high-end cameras and an array of powerful sensors. High resolution images, GPS coordinates, and accelerometer data collected from these phones allow RoadBotics to make data collection accurate, accessible and affordable.

ARTIFICIAL INTELLIGENCE

We use machine vision and machine learning algorithms to identify features on the roadway.

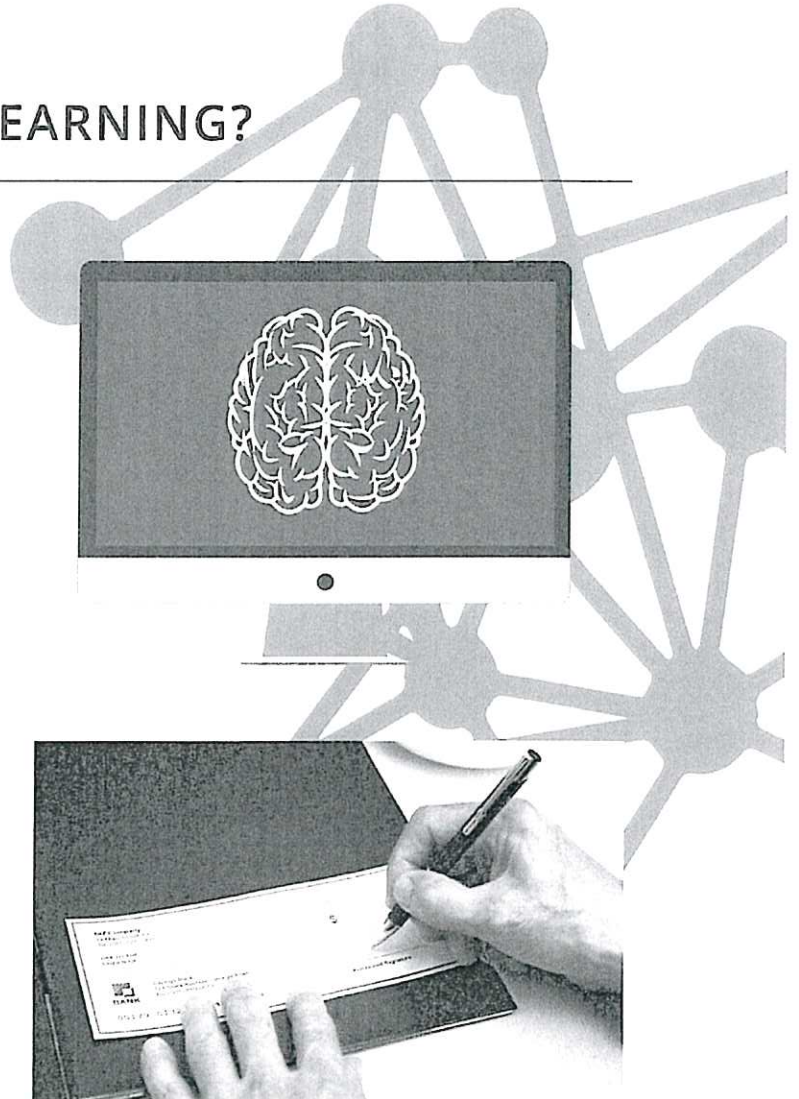
What is Machine Learning?
See Page 5



WHAT IS MACHINE LEARNING?

Machine Learning allows a computer to identify patterns in data, make predictions based on those patterns and build models that explain the world.

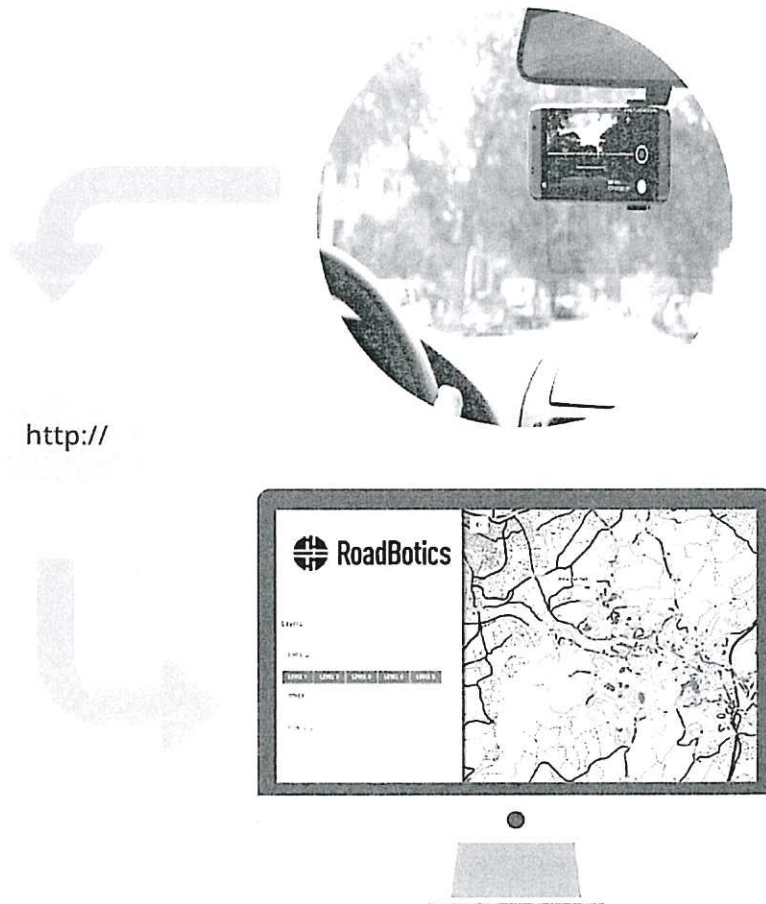
For example, when you deposit a check at an ATM, the ATM uses machine learning to automatically recognize the handwritten dollar amount on the check. In this way, the bank has trained its computers to understand human handwriting on checks and in many cases the machine can read the handwriting more accurately than a human!



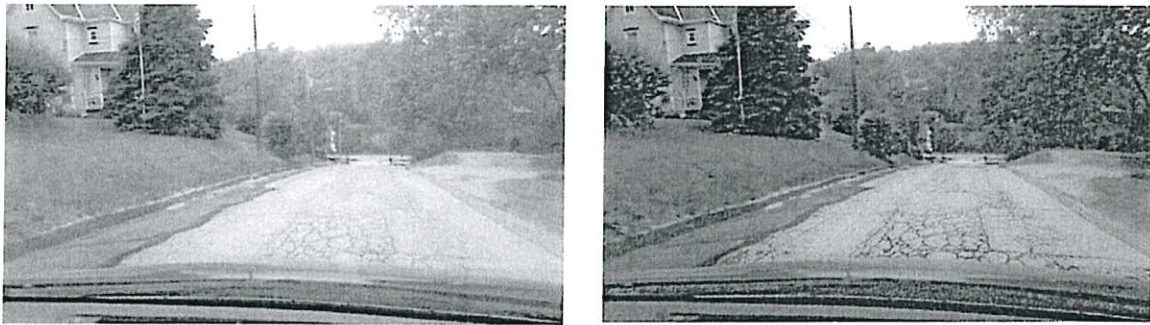
RoadBotics uses machine learning to identify roads, road features, and road distresses. As RoadBotics' computers review more road surfaces, they learn and increasingly refine their accuracy. This ongoing collection of road information enables RoadBotics to provide road managers with accurate and actionable data.

How It Works

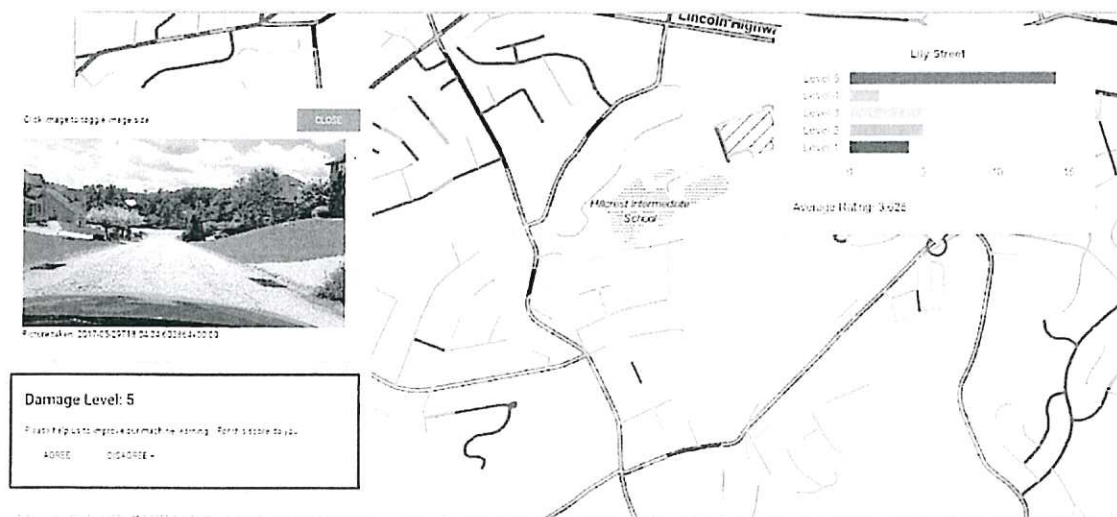
RoadBotics provides a complete road monitoring solution that includes data collection, the machine learning assessment and visualization of the data on a map.



- 01 Our team of drivers use smartphones mounted inside vehicles to collect video imagery and GPS information of your entire roadway network. This data is then uploaded to RoadBotics' cloud for processing.



- 02 From the data collected, we extract an image that captures every 10-foot section of roadway. These images are analyzed, using machine learning, to identify pavement surface damage such as cracks, potholes, seals, patches, and crocodile cracking. These individual ratings are also aggregated into intersection-to-intersection scores for use in planning.



- 03 Both aggregate and individual ratings are visualized on a map, and color-coded from green to red (good to bad) as indicated in the image above. The RoadBotics assessment data also integrates with existing GIS and existing pavement management systems.

RoadBotics Rating System

The RoadBotics ratings are based on the general class of maintenance actions that are important to roadway managers.

LEVEL 1 No or very minor maintenance needed



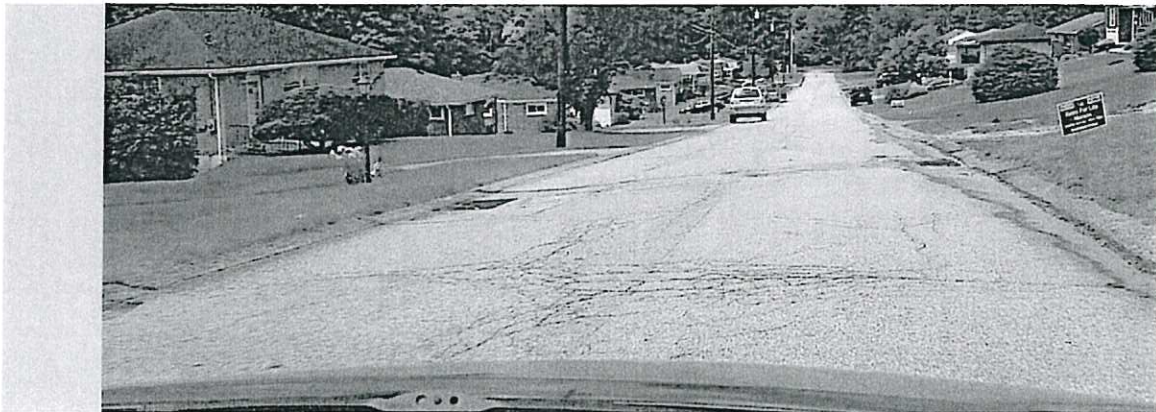
LEVEL 2 Minor patching and crack sealing



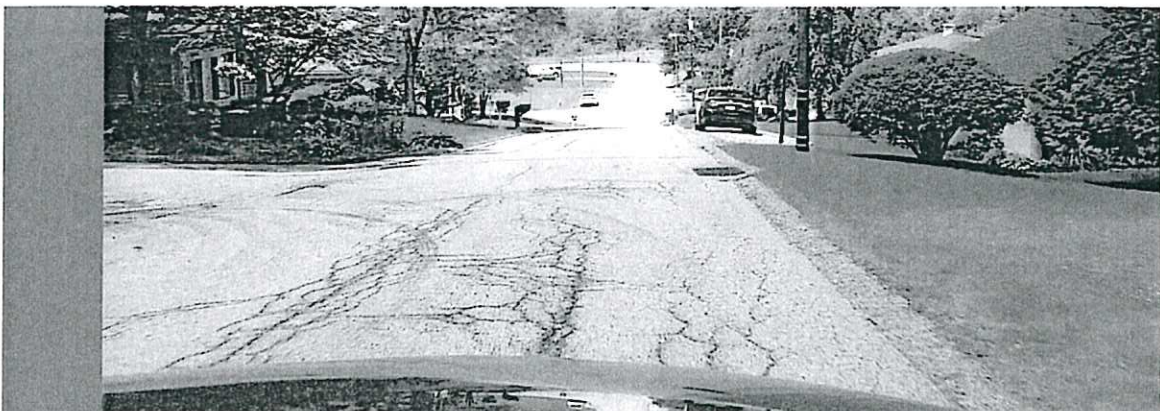
LEVEL 3 Preventative treatments - seal coats, thin overlays



LEVEL 4 Minor Rehabilitation



LEVEL 5 Major Rehabilitation/Reconstruction



What It Includes

The RoadBotics solution is a breakthrough technology that assesses pavement conditions to support planning, budgeting and decision making.



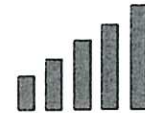
PHOTO INVENTORY

Images of the roadway at approximately 10-foot intervals enabling instant views of the pavement condition and roadside assets.



ONLINE MAP

Browser based map with ratings and photo inventory for all roads, accessible from anywhere at anytime.



AI ASSESSMENT

A five level rating for each section of road (up to 3200 ft) that can easily be aligned to existing condition rating requirements.



GIS FILES

Complete download of the pavement condition in existing Geographic Information System (GIS) databases for both 10-foot intervals and intersection-to-intersection segments.



EXPORT & STORAGE

Storage of all image data for three years included in the price, all images accessible via our cloud servers at specific URLs. Image data can be optionally exported in bulk for a nominal additional charge. (\$200/TB of data)



SUPPORT

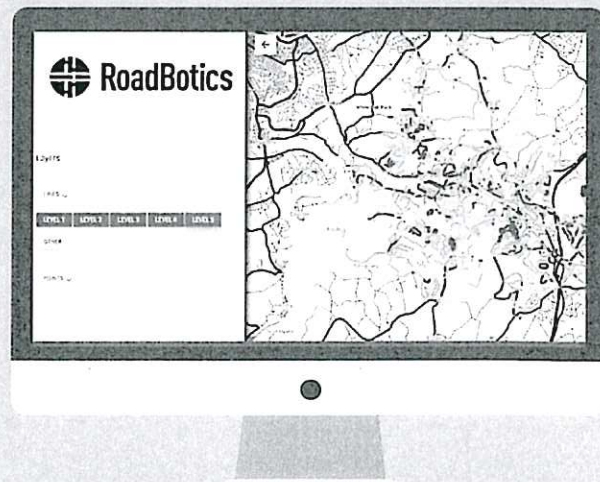
Email-based support with one business day turn around on all issues, one on-site full-day training for customer personnel involved with the project, and up to five one-hour web training sessions for customer personnel.

BENEFITS

- 01 Detailed and affordable condition evaluation which covers your whole road network, including thorough ratings of the full width of the pavement.
- 02 Images for approximately every 10-foot section of roadway, which helps you maintain a visual photo inventory of the entire road network.
- 03 Early entry into this emerging and rapidly changing artificial intelligence and machine learning technology that will keep road organizations at the forefront of technology in managing road networks.
- 04 Support for bid process through the independent identification of defects which can be used to assist benchmarking processes.
- 05 Easy access to information and data for ongoing investigation.

TRY THE DEMO!
VISIT

demo.roadbotics.com/



Contact Us

EMAIL

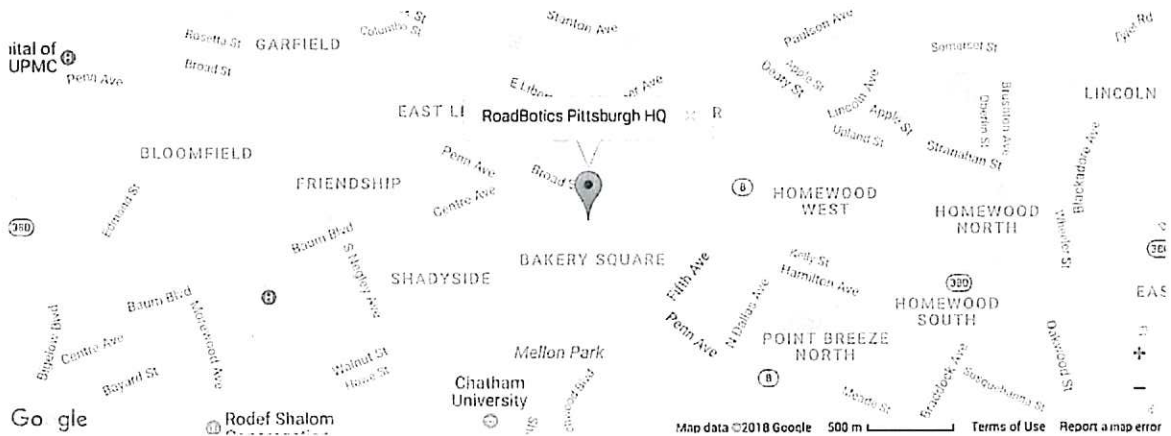
SALES	sales@roadbotics.com
GENERAL INQUIRIES	info@roadbotics.com
CORPORATE INQUIRIES	corporate@roadbotics.com

PHONE

+1 (412) 345-3398

ADDRESS

6401 Penn Ave, 3rd Floor, Pittsburgh PA, USA 15206



TRANSFORMING
THE WAY ROADS
ARE MONITORED
& MAINTAINED



WWW.ROADBOTICS.COM



WWW.LINKEDIN.COM/COMPANY/ROADBOTICS



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**MINUTES OF THE FARMER CITY, ILLINOIS
CITY COUNCIL
REGULAR MEETING OF
June 17, 2019 6 p.m.**

Roll call

Present: Councilmembers Willard McKinley, Scott Kelley, Benjamin Burden, Shelley Friedrich and Mayor Scott Testory.
Also, in attendance: City Manager Sue McLaughlin, City Attorney Joe Chamley, City Clerk Angie Wanserski

Pledge of allegiance to the flag

Proclamations/presentations

Public Comment

Lance Spieker spoke on behalf of the Farmer City Raceway. He was requesting an increase in fireworks donation as the cost of fireworks has increased significantly. The date for fireworks will be June 29, 2019.

SECTION I:

CONSENT AGENDA

- A. Approval of the minutes of the June 03, 2019 council meeting
- B. Fund Warrant List
MOTION by McKinley to approve consent agenda. Seconded by Kelley. Approved unanimously. Motion carried.

SECTION II:

UNFINISHED BUSINESS Ordinances or resolutions previously tabled

- 1. **Ordinance 2019-1034 An Ordinance Authorizing the City Council to Amend an Agreement with Area Disposal for Residential Refuse and Recycling Services.**
City Manager Sue McLaughlin stated that Area Disposal has agreed to give the city \$850 per year. This amount is 50% of the savings Area will be incurring by the city agreeing to lower their performance bond. Sue also suggested that we change the legal verbiage of contract to reflect this offer and vote on ordinance at the next council meeting. The council was in full agreement.
MOTION This item has been laid over until July 01, 2019.

SECTION III:

NEW BUSINESS – Ordinances and resolutions for initial consideration

- 1. **Approval of payout #1 of \$132,326.06 to Schomburg & Schomburg Construction for I74 water and wastewater improvements.**
MOTION by McKinley for approval of payout #1 of \$132,326.06 to Schomburg & Schomburg Construction for I74 water and wastewater improvements. Seconded by Friedrich. Voted unanimously. Motion carried.
- 2. **Resolution 2019-34 Resolution Authorizing the Expenditure of Funds for Fireworks**
MOTION by McKinley to approve resolution 2019-34 Authorizing the Expenditure of Funds for Fireworks. Seconded by Kelley. Approved

unanimously. Motion carried.

SECTION IV: EXECUTIVE SESSION – None presented

SECTION IV: OTHER ITEMS

1. City manager report

City manager Sue McLaughlin stated that the 700 block of Richardson has a sinkhole. They will not have information on the problem until it is opened. The power poles on Allen Street will go up on the following Monday.

2. Non-agenda items and other business.

ADJOURNMENT

MOTION by McKinley to adjourn meeting. Seconded by Kelley. Voted unanimously. Motion carried.

Angie Wanserski, City Clerk

Vendor Name	Net Invoice Amount	
100		
PRIME TIME CLEANING & JANIT	399.61	CLEANING SERVICE
AT & T	38.94	ADM - TELEPHONE
FRONTIER	30.06	ADM CALL FORWARD REMOTE
CLINTON JOURNAL	30.40	PUB HEARING
City of Farmer City	393.45	ADM
Mediacom	128.95	INTERENET
PRIME TIME CLEANING & JANIT	119.62	CLEANING SUPPLIES
DEWITT COUNTY TREASURER	277.98	P TAX
DEWITT COUNTY TREASURER	321.32	P TAX
DEWITT COUNTY TREASURER	475.76	P TAX
DEWITT COUNTY TREASURER	693.56	P TAX
DEWITT COUNTY TREASURER	6.74	P TAX
FARMER CITY RACEWAY	3,000.00	FIREWOORKS
WANSERSKI, ANGIE	92.11	TRAVEL REIMBURSE
UNITED FARM FAMILY LIFE INS	134.24	POL SUP INS
INTOXIMETERS INC	154.00	REFURBISH BREATH TESTING DEVICE
DEWITT COUNTY SHERIFF'S O	23,213.00	MOTOROLA SHARED SVCS
IACPNET	275.00	POLICE ANNUAL BILLING IACP SERVICE
City of Farmer City	59.09	POLICE
TECHNOLOGY MANAGEMENT	132.81	POLICE - LEADS
Evergreen FS Inc	277.18	POLICE FUEL
MAURER-STUTZ	396.25	BROOKVIEW DRAINAGE
City of Farmer City	158.89	STREET
Kings Ace Hardware	44.72	STREET SUPPLIES
Evergreen FS Inc	189.65	STREET FUEL
City of Farmer City	460.22	PARK
Kings Ace Hardware	19.36	PARK SUPPLIES
City of Farmer City	1,104.78	POOL
Kings Ace Hardware	63.18	POOL SUPPLIES
Kings Ace Hardware	26.32	POOL SUPPLIES
MCCORMICK DISTRIBUTING	637.33	POOL COCESSION
MCCORMICK DISTRIBUTING	12.19	POOL COCESSION
MCCORMICK DISTRIBUTING	116.94	CONCESSION SUPPLIES
PEPSI BEVERAGES COMPANY	671.94	CONCESSION
Total 100:	34,155.59	
170		
FEHR GRAHAM	787.50	POOL RENOVATIONS
MAURER-STUTZ	8,898.49	I-74 W/S EXTENSION
Total 170:	9,685.99	
270		
True Value of LeRoy	60.00	RENT AUGER
True Value of LeRoy	60.00	RENT AUGER
MAURER-STUTZ	19,943.25	JOHN STREET IMPROVEMENTS
MAURER-STUTZ	242.50	JOHN STREET IMPROVEMENTS
Total 270:	20,305.75	
510		
ITRON INC	1,140.33	YEAR MAIN/SUPPORT AGREEMENT
FRONTIER	131.34	WATER PHONE & INTERNET
City of Farmer City	1,688.41	WATER
Evergreen FS Inc	182.36	WATER FUEL

Vendor Name	Net Invoice Amount	
Total 510:	<u>3,142.44</u>	
520		
City of Farmer City	8,425.67	SEWER
MAURER-STUTZ	<u>138.75</u>	DISINFECTION IMPROVEMENTS
Total 520:	<u>8,564.42</u>	
530		
Strum Electric	150.00	SERVICE PARTS
DECATUR INDUSTRIAL ELECTRIC	514.50	YEARLY C/H INSPECT
ITRON INC	1,140.33	YEAR MAIN/SUPPORT AGREEMENT
AT & T	25.97	ELE - TELEPHONE
NICOR Gas	178.27	ELE - UTILITIES WAREHOUSE
NICOR Gas	550.49	ELE-UTILITIES
Aramark	40.53	ELE - TOWELS AND SUPPLIES
Kings Ace Hardware	80.28	ELE - SUPPLIES
Evergreen FS Inc	80.24	ELEC FUEL
TEPPER ELECTRIC SUPPLY CO	7,275.00	JOHN ST RENOVATION
FAMILY TREE SERVICE	<u>14,520.00</u>	ELE TREE CLEARING REMOVAL EXT I-74
Total 530:	<u>24,555.61</u>	
Grand Totals:	<u><u>100,409.80</u></u>	



CITY OF FARMER CITY, ILLINOIS

105 South Main Street
Farmer City, Illinois 61842-0049

Telephone: (309) 928-2842

Facsimile: (309) 928-2228

MEMO

Date: June 3, 2019

To: City Council

From: Sue McLaughlin, ICMA-CM
City Manager

RE: Garbage Ordinance amendment - Bonds

Area Disposal brought to my attention the disparity between our coverage amount required and what other municipalities require. I have attached a spreadsheet which lists other entities, the bond amount required and the cost of the premium.

The Performance Bond is in place to protect the City in case Area fails to do their duty under the contract. In the decades that Area has been in business, they have never failed to do their duty and no customers have ever had to pull the Performance Bond. However, we need it in place to cover the cost to provide garbage service if Area fails.

As you can see on the attached spreadsheet, even Danville and Springfield Illinois only require \$50,000 at most. The template for our garbage contract was provided by a Chicago suburb, which had much higher cost requirements. Therefore, since we are a much smaller municipality, I recommend reducing the requirement Performance Bond amount from \$250,000 to \$25,000.

ORDINANCE 1034

AN ORDINANCE AUTHORIZING THE CITY COUNCIL TO AMEND AN AGREEMENT WITH AREA DISPOSAL FOR RESIDENTIAL REFUSE AND RECYCLING SERVICES

WHEREAS; the City of Farmer City is a municipality in accordance with the constitution of the State of Illinois of 1970; and

WHEREAS; the City of Farmer City has the authority to enact ordinances granting authorization to enter into contracts; and

WHEREAS; the City of Farmer City desires to amend the agreement between Area Disposal and the City to address a reduction in the required Performance Bond;

NOW THEREFORE BE IT ORDAINED by the City Council of the City of Farmer City, DeWitt County, Illinois that:

The City Council of the City of Farmer City hereby authorizes the City Manager to execute an amendment to the contract with Area Disposal to provide residential refuse, recycling, yard waste and bulk waste pick up services, per the attached.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF FARMER CITY,
DEWITT COUNTY, ILLINOIS THIS ____ DAY OF _____.

AYES: ____ NAYES: ____ ABSTAIN: ____ ABSENT: ____

Scott Testory, Mayor

Angie Wanserski, City Clerk

THIRD AMENDMENT
TO WASTE COLLECTION AGREEMENT

THIS THIRD AMENDMENT TO WASTE COLLECTION AGREEMENT, (this "Second Amendment") is made as of the 1st day of June, 2019, by and between the City of Farmer City, Illinois, an Illinois municipal corporation (the "City"), and Area Disposal Service, Inc., an Illinois corporation (the "Contractor"), with respect to that certain Waste Collection Agreement dated as of December 1, 2017, as amended by that certain First Amendment to Waste Collection Agreement dated as of May 1, 2018, (collectively, the "Agreement"), by and between the City and the Contractor. Except as otherwise specifically defined elsewhere herein, all capitalized words, terms and phrases as used in this Second Amendment shall have the same meanings as respectively ascribed to them in the Agreement.

RECITALS:

A. The City and Contractor have agreed that the amount of the amount of the Performance Bond required of Contractor in the Agreement shall be reduced to Twenty-Five Thousand Dollars (\$25,000.00).

B. The City and Contractor have agreed that Contractor shall pay the City a road impact fee of \$850.00 per year during the term of the Agreement, as further described herein.

NOW, THEREFORE, in consideration of the undertakings and agreements by the City and the Contractor as parties to the Agreement, including those as contained in this Second Amendment to the Agreement, the City and the Contractor do mutually covenant and agree to supplement and amend the Agreement to provide as follows:

1. Performance Bond Amount. Article 13 of the Agreement is hereby amended to provide that the penal sum of the Performance Bond shall be in the total amount of Twenty-Five Thousand Dollars (\$25,000.00), from and after the date of this Second Amendment.

2. Road Impact Fee. The following Section 19.8 is hereby added to the Agreement:

19.8 Contractor shall pay to the City a Road Impact Fee in the amount of \$850.00 on or before August 1, 2019, and shall thereafter pay to the City a Road Impact Fee in the amount of \$850.00 on or before May 1, 2020, and on or before each subsequent May 1 during the term of the Agreement.

3. Ratification of Agreement. Except as expressly supplemented and amended as provided in Sections 1 and 2 of this Second Amendment above, all other provisions of the Agreement are hereby ratified, confirmed and approved by both the City and the Contractor.

N WITNESS WHEREOF, each of the parties hereto have executed or caused this Second Amendment to be executed by proper officers duly authorized to execute the same as of the dates set forth below.

CITY OF FARMER CITY, ILLINOIS

AREA DISPOSAL SERVICE, INC.

By: _____
Mayor

By: _____
Vice President – Sales, Strategic
Operations and Special Projects

Attest:

Clerk

Attest:

Municipal Marketing Manager

APPLICATION FOR PAYMENT NO. TWO

To: City of Farmer City (OWNER)
 From: Cross Construction, Inc. (CONTRACTOR)
 Contract: Farmer City- Water Street Improvements
 Project: Farmer City - Water Street Improvements
 OWNER's Contract No. ----- ENGINEER's Project No. 23717012.01
 For Work accomplished through the date of: May 10, 2019

1.	Original Contract Price:	\$ <u>650,560.95</u>
2.	Net change by Change Orders and Written Amendments (+ or -):	\$ <u>34,796.02</u>
3.	Current Contract Price (1 plus 2):	\$ <u>685,356.97</u>
4.	Total completed and stored to date:	\$ <u>189,948.35</u>
5.	Retainage (per Agreement):	
	10 % of completed Work:	\$ <u>18,994.83</u>
	___ % of stored material:	\$ _____
	Total Retainage:	\$ <u>18,994.84</u>
6.	Total completed and stored to date less retainage (4 minus 5):	\$ <u>170,953.52</u>
7.	Less previous Application for Payments:	\$ <u>75,731.30</u>
8.	DUE THIS APPLICATION (6 MINUS 7):	\$ <u>95,422.22</u>

Accompanying Documentation:

CONTRACTOR'S Certification:

The undersigned CONTRACTOR certifies that (1) all previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied on account to discharge CONTRACTOR's legitimate obligations incurred in connection with Work covered by prior Applications for Payment numbered 1 through ___ inclusive; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to OWNER indemnifying OWNER against any such Lien, security interest or encumbrance); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and not defective.


Dated 6-20-2019

Cross Construction, Inc.
 CONTRACTOR

By: 

State of Illinois
 County of Champaign

Subscribed and sworn to before me this 20th day of June, 2019.


 Notary Public
 My Commission expires: 05/09/22



Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

Dated 6-21-19

Maurer-Stutz, Inc.
 ENGINEER

By: 

8776
 City of Farmer City
 Water St Roadway Improvements
 N/A
 Farmer City
 DeWitt

Pay Est No 2
 thru 5/10/19

Item	Description	Unit		Plan		Completed	
		of Measure	Price	Qty	Plan Value	Qty	Value
001	20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	71.60	36	2,574.00	0	-
002	20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	93.50	136	12,716.00	40	3,740.00
003	20800150 TRENCH BACKFILL	C.Y.	56.03	124	6,947.72	105.59	5,916.21
004	25000210 SEEDING, CLASS 2A	ACRE	6,360.00	0.5	3,190.00	0	-
005	25000400 NITROGEN FERTILIZER NUTRIENT	LBS	3.30	37	122.10	0	-
006	25000500 PHOSPHORUS FERTILIZER NUTRIENT	LBS	3.30	37	122.10	0	-
007	25000600 POTASSIUM FERTILIZER NUTRIENT	LBS	3.30	37	122.10	0	-
008	25100115 MULCH, METHOD 2	ACRE	1,760.00	0.6	880.00	0	-
009	28000400 PERIMETER EROSION BARRIER	L.F.	19.01	215	4,087.15	0	-
010	28000500 INLET AND PIPE PROTECTION	EACH	533.63	8	4,268.24	0	-
011	28000510 INLET FILTERS	EACH	161.47	8	1,291.76	0	-
012	35101400 AGGREGATE BASE COURSE, TYPE B	TON	35.26	1831	64,561.08	68	2,397.68
013	40600275 BIT MATLS PR CT	LBS	0.53	3523	1,867.19	0	-
014	40600290 BIT MATLS (TACK COAT)	LBS	1.18	745	879.10	0	-
015	40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	S.Y.	26.02	261	6,791.22	0	-
016	40602978 HMA BC IL-9.5 N50	TON	132.09	217	28,663.53	0	-
017	40503310 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	169.71	152	25,643.92	0	-
018	42400100 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	S.F.	8.78	3051	28,787.78	0	-
019	42400900 DETECTABLE WARNINGS	S.F.	28.22	80	2,257.60	0	-
020	44000100 PAVEMENT REMOVAL	S.Y.	17.22	1567	26,983.74	140.71	2,423.03
021	44000200 DRIVEWAY PAVEMENT REMOVAL	S.Y.	28.60	98	2,802.80	0	-
022	44000500 COMBINATION CURB AND GUTTER REMOVAL	L.F.	10.88	274	2,981.12	0	-
023	44000600 SIDEWALK REMOVAL	S.F.	6.45	1642	10,590.90	0	-
024	50105220 PIPE CULVERT REMOVAL	L.F.	10.32	65	667.80	0	-
025	55080050 STORM SEWERS, CLASS B, TYPE 1 12"	L.F.	69.61	454	27,153.74	308.5	18,451.39
026	60218400 MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2,456.38	2	4,912.76	2	4,912.76
027	60219100 MANHOLES, TYPE A, 4'-DIAMETER, TYPE 9 FRAME AND GRATE	EACH	2,559.79	1	2,559.79	0	-
028	60500040 REMOVING MANHOLES	EACH	302.56	4	1,210.24	3	907.68
029	60500060 REMOVING INLETS	EACH	283.66	4	1,134.64	1	263.86
030	60604400 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6 18	L.F.	39.32	289	11,363.48	0	-
031	67000500 ENGINEER'S FIELD OFFICE, TYPE B	MONTH	2,200.00	10	22,000.00	0	-
032	67100100 MOBILIZATION	L.S.	8,652.43	1	8,652.43	0.3	2,595.73
033	62000014 T-SYRING PEK TF 1-3/4	EACH	693.00	9	6,237.00	0	-
034	X0322881 TREE TRIMMING	EACH	220.00	8	1,760.00	0	-
035	X0322917 PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	1,623.00	1	1,623.00	1	1,623.00
036	X0326884 BRICK SIDEWALK REM	S.F.	2.80	1212	3,393.60	0	-
037	X4240420 PG CONC SIDEWALK 4 SP	S.F.	34.91	220	7,680.20	0	-
038	X5610100 STORM SEWER REMOVAL	L.F.	15.67	144	2,256.48	0	-
039	X6020076 INLETS, SPECIAL, WITH SPECIAL FRAME AND GRATE	EACH	1,772.67	8	10,636.02	0	-
040	X6022230 MAN TA 4 DIA SPL F&G	EACH	2,402.79	1	2,402.79	0	-
041	X6062400 CONC GUTTER SPL	L.F.	39.01	815	31,793.15	0	-
042	X6840300 CH LK FENCE REMOV	L.F.	4.40	134	589.80	134	589.80
043	X7010218 TRAF CONT & PROT SPL	L.S.	5,321.58	1	5,321.58	0.3	1,596.47
044	Z0013798 CONSTRUCTION LAYOUT	L.S.	7,504.60	1	7,504.60	0.3	2,251.35
045	Z0059848 SS 1 WAT MN 12	L.F.	63.97	520	33,254.40	60	3,838.20
046	046 CL 6I CONC (INLET)	C.Y.	1,770.30	0.51	892.85	0	-
047	047 DRIVE PAVEMENT REPLACE	S.Y.	94.07	59	5,267.92	0	-
048	048 CHAIN LINK FENCE REERECT	L.F.	30.25	134	4,053.60	0	-
049	049 REMOVE EXISTING MANHOLE AND 15 SANITARY SEWER	L.S.	2,405.79	1	2,405.79	0	-
050	050 8" SDR 26 PVC 66 INCL B H & IB	L.F.	105.65	476	50,183.76	84	8,874.60
051	051 4' DIAMETER MANHOLE INCL FRAME & LID	EACH	3,711.94	3	11,135.82	1	3,711.94
052	052 6" SDR 26 PVC 66 INCL B H & IB	L.F.	63.64	285	18,108.90	38.6	2,448.29
053	053 SELECT GRANULAR BACKFILL	C.Y.	40.18	825	33,132.00	340.52	13,675.28
054	054 SEWER DEFLECT TESTING	L.F.	2.00	476	950.00	0	-
055	055 SEWER PRESSURE TESTING	L.F.	5.99	475	2,845.25	0	-
056	056 MANHOLE TESTING	EACH	519.30	3	1,557.90	0	-
057	057 6" SDR 26 PVC WM IF B H IB	L.F.	47.34	685	32,427.90	197	8,862.59
058	058 4 X 4 TAP S W 4 TAP V & VB	EACH	2,631.42	5	13,157.10	4	10,525.68
059	059 4 LINE STOP & CAP 4 MAIN	EACH	4,048.22	5	20,241.10	4	16,192.88
060	060 FIRE HYDRANTS REMOVAL	EACH	235.27	1	235.27	0	-
061	061 FIRE HYDRANTS	EACH	3,169.99	2	6,337.98	2	6,337.98
062	062 8 GATE VALVE WITH VALVE BOX	EACH	897.02	2	1,794.04	3	2,991.06
063	063 SELECT GRANULAR BACKFILL	C.Y.	43.34	65	2,817.10	49.77	2,157.03
064	064 1 SDR 9 PE WATER SERVICE LINE	L.F.	25.79	90	2,321.10	231	5,957.49
065	065 1 CORPORATION STOP	EACH	596.31	4	2,385.24	14	8,346.34
066	066 1 CURB STOP WITH BOX	EACH	659.01	4	2,636.04	14	9,226.14
067	067 PRESSURE TESTING 8 WATER MAIN	L.F.	4.15	685	2,842.75	687	2,851.05
068	068 DISINFECTING 8 WATER MAIN	L.F.	2.15	685	1,472.75	687	1,477.05
069	069 DRILLING YELOMINE PIPE	L.F.	54.34	500	27,170.00	500	27,170.00
070	070 6"x6" TAP SLEEVE W 6" TAP V AND VB	EACH	3,138.51	1	3,138.51	1	3,138.51
071	071 6" LINE STOP and CAP 6" MAIN	EACH	4,469.51	1	4,469.51	1	4,469.51

685,356.97

189,948.35

10% 18,994.83

75,731.30

95,222.21