

AGENDA
City of Carter Lake
Regular City Council Meeting
City Hall – 950 Locust St.
Monday, September 16, 2019 AT 7:00 P.M.

- I. Pledge Of Allegiance
- II. Roll Call
- III. Approval Of The Agenda
 - A. Additions
 - B. Deletions
- IV. Consent Agenda
- V. New Business
 - A. Communications From Public
 - a. Jeanne Eibes
 - b. Niki Ferguson of Advance Southwest Iowa Corporation
 - B. Approve Liquor License for Casey's General Store (10-10-19)
 - C. Communications From
 - 1. Department Supervisors
 - a. Lem Sheard
 - b. Josh Driscoll – Union Contract Negotiations
 - 2. Mayor Ron Cumberledge
 - a. Community Center Update
 - 3. Aaron Grell
 - a. Avenue J
 - 4. Pat Paterson
 - a. Mike McIntosh, Lamp Rynearson
- VI. Ordinances and Resolutions
 - A. 2nd Reading of Ordinance regarding Flag Poles
 - B. 1st Reading of Ordinance regarding Short Term Rental properties
 - C. 1st Reading of Ordinance regarding Tourist Directional Signage
 - D. 1st Reading of amendment to Ordinance # 496 Urban Revitalization-Tax Abatements
 - E. Resolution to assess liens for weed abatements
- VII. Comments Mayor, City Council And Public (3 Minutes)
- VIII. Executive Session to discuss real estate and litigation 21.5 (1)(c)(j)
- IX. Adjourn

CONSENT AGENDA

1. City Council Minutes
2. Planning Board Minutes
3. Abstract of Claims for Approval – August
4. Receipts for Approval – August
5. Overtime and Comp time reports – August
6. Financial Reports as submitted to the council – August
7. Department Head Reports – August

Jackie Carl

From: Jeanne Eibes <jpeibes@gmail.com>
Sent: Thursday, September 12, 2019 12:18 PM
To: Jackie Carl
Subject: Can I get on the City Council agenda?

I want to publically thank you, Ron and Mike for your help. And, I want to say that it didn't work. Everyone similar to my property has to file the paperwork to get an amendment to the FEMA map..

We have not lost the buyers. We just have to get this done before they will close.... Thankfully.

I hope it doesn't take too long to get this fixed... You have seen this before.

Thank you so much for your help!

Jackie Carl

From: Chief Kannedy
Sent: Wednesday, September 11, 2019 11:30 AM
To: Jackie Carl
Subject: RE: Liquor License Submitted to Local Authority

There has been no violations

From: Jackie Carl
Sent: Monday, September 09, 2019 8:32 AM
To: Chief Kannedy <chief.kannedy@clpd.carterlake-ia.gov>; Phill Newton <phill.newton@carterlake-ia.gov>
Subject: FW: Liquor License Submitted to Local Authority

Please check on this

From: Licensing@IowaABD.com [<mailto:Licensing@IowaABD.com>]
Sent: Thursday, September 05, 2019 1:34 AM
To: Jackie Carl <jackie.carl@carterlake-ia.gov>
Cc: Licensing@IowaABD.com
Subject: Liquor License Submitted to Local Authority

Insurance coverage/bond certification has been completed for the following application(s). The application(s) is awaiting local authority review. After local authority approval, the application will be submitted to the Iowa Alcoholic Beverages Division for review.

License #	License Status	Business Name
LE0002807	Submitted to Local Authority	Casey's General Store #3509 (1650 E Locust St Carter Lake Iowa, 51510)
LE0002807	Submitted to Local Authority	Casey's General Store #3509 (1650 E Locust St Carter Lake Iowa, 51510)

Please do not respond to this email.

To check the status of your application follow these steps:

1. Click <https://elicensing.iowaabd.com>
2. Log in to your eLicensing account
3. After reading the 'Beginning April 1st' statement, click ok
4. Click the View Completed Applications link to see your status

LAMP RYNEARSON

City of Carter Lake

Storm Study - Draft

September 12, 2019



TABLE OF CONTENTS

INTRODUCTION	Page 3
Background and Overview	
Existing Storm System	
Existing Information	
Previous Studies	
STORM SYSTEM STUDY OVERVIEW	Page 6
HYDROLOGY STUDY BASIS	Page 6
Stormwater Sub-Basins	
Basin Peak Rate of Runoff Determination	
Storm Sewer Pump Stations	
STORM SEWER RECOMMENDATIONS	Page 21
Recommendation Summary	
Future Development	
Lake and River Levels	
CONCLUSION	Page 25
LIST OF EXHIBITS & APPENDICES	
EXHIBIT A	Drainage Basin Exhibit
EXHIBIT B	Storm Sewer Improvements
EXHIBIT C	Storm Sewer Improvements
EXHIBIT D	Storm Sewer Improvements
EXHIBIT E	Pump Station Improvements Without Pond
EXHIBIT F	Pump Station Improvements
EXHIBIT G	Ponding Exhibit
APPENDIX A	Runoff Curve Numbers for Urban Areas Web Soil Survey Shallow Concentrated Flow Velocities
APPENDIX B	Estimated Opinion of Probable Costs

INTRODUCTION

The City of Carter Lake ("the City") engaged Lamp Ryneerson to study the City's existing stormwater system, develop recommendations for improvements and provide recommendations for future development. This memorandum summarizes the storm sewer study, provides recommendations for improvements and presents the estimated opinion of probable costs for each.

BACKGROUND AND OVERVIEW

The City is located in Pottawattamie County, Iowa and comprised of approximately 2.02 square miles and 3,800 residents. The City is adjacent to the City of Omaha on the north, south and west and Eppley Airfield on the east. It is located within the interior of Carter Lake, an oxbow formed as result of a major flooding event of the Missouri River in 1877.

In recent years, the City has completed several storm system improvement projects to address drainage issues, including a 1997 project to add pumping capacity to the lake water level pumps and 2006 projects to improve the storm water lift stations at 7th Street & Wood Avenue and 9th Street and Avenue K.

Recent development activity has indicated a need for an additional storm system study, specifically in the area south of Avenue H. Lamp Ryneerson was retained to review the entire existing storm system and develop recommendations for future improvements.

EXISTING STORM SYSTEM

Geographically, the City is extremely flat, with approximately thirty feet of elevation fall across the entire City. Storm sewer is limited with the majority being in the commercial and industrial corridor of Locust Street and newer developed residential areas to the north and northwest. Due to the lack of elevation change, stormwater pump stations are necessary to convey storm water to Carter Lake ("Lake").

The majority of the stormwater flows in the City drain to Carter Lake, either directly through overland routes or through a detention pond located along the eastern side of Shoreline Golf Course. If this detention pond fills up, it runs overland to the west through a swale in the golf course discharging to the Lake. Recommendations have previously been made for the City to maintain this swale and remove silt build-up when necessary.

Southern areas, primary south of Avenue H, drain towards a ditch line along a Canadian National Railroad spur. Based on contour data and field observations, stormwater in this ditch line is unable to gravity flow to either the Lake or the Missouri River. Stormwater in this area generally ponds in low areas until it infiltrates or evaporates. Historically, the low area around the PVS facility has experienced significant flooding. An existing small detention pond and pump station in the PVS facility pumps stormwater directly to the Missouri river, but due to its size it is quickly overwhelmed, even in small rain events.

EXISTING INFORMATION

The City provided the following studies and materials to the Project Team for utilization throughout the Stormwater phase.

- Design and As-Built Sewer Drawings;
- Pottawattamie County, Iowa Geographic Information Systems (GIS);

- Pottawattamie County LIDAR data for surface contours;
- Stormwater Master Plan, 2005, by JEO Consulting Group, Inc;
- Design Memorandum for Storm Water System Improvements, 2006, Jacobson Helgoth Consultants; and
- Carter Lake Water Level Control, 1997, Schemmer Associates, Inc.

In addition, the Douglas County GIS was used due to its proximity to the City.

PREVIOUS STUDIES

In 2005, the City consulted with JEO Consulting Group (JEO) to develop a stormwater master plan for the City. JEO evaluated portions of the existing sewer system, identified problem areas throughout the City and developed recommendations for drainage improvements to address flooding issues and expected future runoff from potential projects.

In 2006, Jacobson Helgoth followed up on the JEO study with a Design Memorandum to analyze and design solutions to the issues identified by JEO relating to the City's stormwater pumping system.

Both studies have been reviewed as part of this Stormwater Study.

STORM SYSTEM STUDY OVERVIEW

This current storm system study encompasses the entire City, containing approximately 1069 acres. Stormwater sub-basins were delineated independent from the previous JEO study. Delineations were based on the direction of overland flows, using one-foot contour data for Pottawattamie County, IA (See Exhibit A) and site observations. Sub-basins include denser residential developments to the north of Avenue K and primarily commercial and industrial development to the south.

After delineation of sub-basins, stormwater peak runoff flows from each basin were calculated. These flows were analyzed to determine the level of service of the existing storm system. Recommendations were then developed to address deficiencies. Finally, the estimated opinion of probable costs are presented for the proposed recommendations.

HYDROLOGY STUDY BASIS

Following stormwater sub-basin delineations, the peak rate of runoff was determined. Two (2) common methods exist for determining peak rate of runoff.

The Rational method is typically used for design in developed urban areas. An assumption is made with this method which the maximum rate of flow is produced by a constant rainfall which is maintained for a time equal to the time of concentration. The time of concentration is the time required for surface runoff to flow from the most hydraulically remote area of the basin to the outlet. The Rational method is limited in the only output is a peak discharge with a tendency to underestimate runoff rates for large drainage areas. For these reasons, the Rational method should be limited to drainage areas of 40 acres or less (Section 2B-4, SUDAS, 2019 Edition).

An alternate approach for determining volume and peak rate of runoff is the SCS Curve Number method. This method was developed by the Natural Resources Conservation Service (NRCS). The SCS Curve Number method classifies the land use with relation to soil type into a single parameter called a curve number. Major factors which determine the curve number are hydrologic soil group, type of ground cover, surface treatment and hydrologic condition. Curve Number tables have been produced with varying ground and cover conditions. (Tables 2B-4.03, 4.04, and 4.05, SUDAS, 2019 Edition). The SCS Curve Number method is an appropriate method to use for drainage sub-basins up to 2,000 acres. Based on the size of this study, the SCS Curve Number method was selected for the analysis.

All soils are classified by a hydrologic soil group which is a measure of the level of the infiltration properties of the soil. The four (4) soils groups are classified as soil type A to D. Type A soil exhibits properties of low runoff potential and high infiltration rates. These soils are typically deep, well to excessively drained sand or gravel and express a high rate of water transmission. A type D soil exhibits properties of high runoff potential with low infiltration rates. These soils are typically clay soils with high swelling potential and a very low rate of water transmission.

Soil properties within the City were determined using the Web Soil Survey website (www.websoilsurvey.sc.egov.usda.gov). Soil types are predominately hydrologic Type A soil (76%) followed by Type D soil (22%) and a small pocket of Type B soil (2%). The curve number tables previously referenced are arranged by both ground cover and soil group. For the purposes of this study, all areas have been assumed to be Type B soil, providing a conservative composite curve number.

The SCS Curve Number method is based on a 24-hour storm event with various time distributions, depending on the geographic watershed location. For the Carter Lake area, and midwestern portions of the United States, a Type II Distribution is representative of actual storm events.

A final factor in determining the peak rate of runoff is the time of concentration. As mentioned, the time of concentration is the time required for runoff to travel from the hydraulically most distant point in the watershed to the outlet. It is a combination of sheet flow, shallow concentrated flow and open channel flow.

Sheet flow usually occurs in the headwaters of the basin near the ridgeline which defines the watershed boundary and typically occurs for no more than 100 feet before transitioning to shallow concentrated flow. Shallow concentrated flow collects in swales, small rills and gullies and occurs at depths of less than one half

foot. For overland flow conditions in Carter Lake, vegetated areas and street slopes are flat, ranging from 0.5% to 1.0% longitudinal slope. Shallow concentrated flow velocities range from roughly 1.0 to 1.5 feet per second for vegetated waterways and from 1.5 to 2.0 feet per second for pavement. (Figure 2B-3.01, SUDAS, 2019 Edition). A final function of the time of concentration calculation is open channel flow, which includes flow through storm sewers, swales and ditches. Open channel flow may or may not be present in all drainage sub-basins.

Table 1. Sub-Basin Parameters

Basin Identifier	Size (acres)	Curve Number	Time of Concentration (minutes)
A	116	73	14.6
B	120	74	23.5
C1	123	67	27.4
C2	49	77	17.2
D1	54	80	27.0
D2	50	76	23.5
D3A	36	84	24.0
D3B	33	84	32.9
D4	10	69	8.7
D5	19	72	22.5
D6	141	81	57.0
E	137	61	100.0
F	92	86	60.0
G	33	80	41.3
H	56	80	66.0

STORMWATER SUB-BASINS

Stormwater sub-basins were delineated using one-foot contour data obtained from Pottawattamie County, IA GIS and site observations. A basin map is shown in Exhibit A with sub-basin descriptions below.

Sub-basin A lies on the northern edge of the City and is adjacent to Carter Lake, extending south to Avenue Q. It contains approximately 116 acres with a composite curve number of 73. A time of concentration was calculated at 14.6 minutes based on a flow velocity of 1.5 feet per second over pavement. Land coverage consists of residential development with open areas and vegetated space in the northeast portion of the basin. Storm sewer, for conveyance purposes, is limited to the newer Shoal Pointe subdivision, where sewers drain directly to the lake or to the canals. The remaining portions of the basin surface drain north to the Lake. Through field investigations, no known stormwater issues occur in this watershed sub-basin.

Sub-basin B lies in the west-central portion of the City, east of the Shore Line golf course. Geographically, the high point of the basin lies on the eastern side along 13th Street, with runoff surface draining to the west. The watershed contains approximately 120 acres with a composite curve number of 74. A time of concentration was calculated at 23.5 minutes based on a flow velocity of 1.5 feet per second over pavement and through storm sewer pipe. Land coverage consists of residential development of varying densities, a portion of the elementary school and open space in the southwest corner. Storm sewer within the basin is limited to the newer Coronado Keys subdivision, where sewers drain directly to the lake or to the canals. Many inlets exist along 9th Street at both Avenue P and Key Circle/Silver Lane to collect overland flows from the eastern portion of the basin. Additional storm sewer was constructed along Hiatt Street from 9th to 11th Street to address previous flooding problems. Through field investigations, the only known stormwater issue occurs along Reddick Street at the eastern school entrance drive. This appears to be a low point, ponding water during rain events until it has time to dissipate or evaporate.



Driveway Entrance into Carter Lake Elementary School from Reddick Street



Ponding at Driveway Entrance into Carter Lake Elementary School from Reddick Street as Captured by Google Maps

Sub-basin C1 is in the eastern portion of the City, lying east of 13th Street. The watershed is approximately 123 acres with a composite curve number of 67. A time of concentration was calculated at 27.4 minutes based on a flow velocity of 1.5 feet per second over pavement. Land coverage consists of residential development of varying densities as well as the baseball field complex and the Boys and Girls Clubs of the Midlands, both of which contain open grassy spaces. Storm sewer is very minimal in basin C1, consisting only of small culverts connecting low lying ditches in the right of way at the intersection of 15th Street and Avenue P. At this location, stormwater is locally trapped, as it cannot flow naturally to the east and remains in the ditches until it evaporates or soaks into the underlying soil. Through field investigations, heavier rainfall events appear to infringe on the parcel located on the northwest corner of the intersection resulting in a flooding situation.



Intersection of 15th Street and Avenue P – Facing North

Sub-basin C2 lies directly south of sub-basin C1 and contains approximately 49 acres with a composite curve number of 77. A time of concentration was calculated at 17.2 minutes based on a flow velocity of 1.5 feet per second over pavement. Land coverage consists of residential development with a greater density than sub-basin C1 and a small park, with stormwater surface draining to the east to Carter Lake. There is no storm sewer in this basin, however, a bioswale is used to convey storm flows from Linwood Drive to Carter Lake.

Watershed Basin D lies in the southern and southwest portion of the City. It has been divided into various sub-basins due to the presence of stormwater pumps.

Sub-basin D1 is in the center of the city, generally between 9th and 13th Streets, with Carter Lake Elementary on the north and Avenue K generally on the south. It contains approximately 54 acres with a composite curve number of 80. A time of concentration was calculated at 27.2 minutes based on a flow velocity of 1.5 feet per second over pavement and through storm sewer pipe. Land coverage consists of dense residential development, school land and open space. Storm water surface flows east to west to inlets located in 11th Street before being routed through a pump station at 9th Street and Willow Drive. The pump station discharges through a force main in parallel alignment with a drainage swale to the Shoreline Golf Course detention pond. Based on available information, the pump station pumps at a rate of 4,200 gpm (9.36 cfs). A flume lies within the west curblin of 9th Street, appearing to allow large surface flows in 9th Street to bypass the storm sewer system and surface drain through the swale directly to the detention pond.



Willow Drive Pump Station at 9th Street – Facing West

Sub-basin D2 lies to the west of basin D1 and consists mainly of the Lakeside Mobile Home Park and a water filled sand pit to the north. It contains approximately 50 acres with a composite curve number of 76. A time of concentration was calculated at 23.5 minutes based on a flow velocity of 1.5 feet per second over pavement. All stormwater runoff is directed overland towards a drainage swale north of the mobile home park which runs parallel with the force main from the pump station at 9th Street and Willow Drive. As with Basin D1, water drains to the detention pond at the golf course.

Sub-basin D3a is situated north of Avenue H and consists of commercial and industrial uses including Owen Industries. It contains approximately 36 acres with a composite curve number of 84. A time of concentration was calculated at 24.0 minutes based on a flow velocity of 1.0 feet per second through street ditches, grassed holding ponds and through storm sewer pipe. Stormwater in this basin flows to a private detention system constructed on the Owen Industries property along 5th Street, 9th Street and Avenue J. Based on an agreement at the time of construction, sewer flows are limited to a maximum release from the detention pond of 10 cfs in a 10-year storm event.

Sub-basin D3b is also situated north of Avenue H and consists mainly of commercial and industrial uses. It contains approximately 33 acres with a composite curve number of 84. A time of concentration was calculated at 32.9 minutes based on a flow velocity of 1.5 feet per second over pavement and through storm sewer pipe. Storm sewer lies in Wood Avenue along with a pump station on the south side of Wood Avenue at 7th Street. A force main directs the stormwater flows from both basins D3a and D3b to the north to a gravity sewer main in

Avenue K. This gravity sewer main flows west to the Shoreline Golf Course detention pond. Based on available information, the Wood Avenue pump station pumps at a rate of 12,500 gpm (27.85 cfs).



Wood Avenue Pump Station at 7th Street – Facing South

Sub-basin D4 is a small localized basin between Locust Street and Avenue H from 7th Street to 9th Street. It is comprised of approximately 10 acres with a composite curve number of 69. A time of concentration was calculated at 8.7 minutes based on a flow velocity of 1.5 feet per second over pavement. Land coverage is mainly residential development and includes the Carter Lake Community Church. Runoff is directed to a small pump station located on the southeast corner of 7th Street and Steele Avenue. A force main directs the stormwater flows to the north to a gravity sewer main in Avenue K, where they combine with flows from sub-basin D3 and are directed to the west to the Shoreline Golf Course detention pond. Based on available information, the pump station pumps at a rate of 1,450 gpm (2.79 cfs).



Steele Avenue Pump Station at 7th Street – Facing South

Sub-basin D5 contains the fourth stormwater pump station in Carter Lake on the northwest corner of 9th Street and Avenue K. The basin is comprised of approximately 19 acres with a composite curve number of 76. A time of concentration was calculated at 22.5 minutes based on a flow velocity of 1.5 feet per second over pavement and through storm sewer pipe. Land coverage is mainly multi-family residential with a mix of open space. The sub-basin also includes the City of Carter Lake governmental offices. Storm sewer runoff generally flows to the west along Avenue K to the pump station at 9th Street where flows are directed to the west to the Shoreline Golf Course detention pond. Based on available information, the pump station pumps at a rate of 16,500 gpm (36.76 cfs).



Avenue K Pump Station at 9th Street – Facing South

Sub-basin D6 is a large stormwater basin encompassing runoff which flows to the Locust Street corridor. The basin is comprised of approximately 141 acres with a composite curve number of 82. A time of concentration was calculated at 57.1 minutes based on a flow velocity of 1.5 feet per second over pavement and through storm sewer pipe. Land coverage includes the commercial and industrial areas along Locust Street. This basin also includes undeveloped land to the east. Stormwater is mainly collected in inlets along Locust Street and directed to 5th Street where it flows north by gravity to the Shoreline Golf Course detention pond.



Shoreline Golf Course Detention Pond – Facing North

Sub-basin E is located along the western edge of the City and contains the Shoreline Golf Course. Overflows from the onsite detention pond flow west through the golf course to Carter Lake. The basin is comprised of

approximately 137 acres with a composite curve number of 61. A time of concentration was calculated at 100.0 minutes due to the various degrees of ponding within the basin and pervious surfaces.

Sub-basin F is located along the southern edge of the City, generally south of Avenue H. The basin is comprised of approximately 92 acres with a composite curve number of 86. A time of concentration was calculated at 60.2 minutes based on a flow velocity of 1.0 feet per second over hardened impervious surfaces and low-lying ditches. Land coverage includes mainly industrial and warehouse use as well as land owned by the Ponca Tribe. The basin drains to the south to low areas along the Canadian National railroad ditch and to a ditch line on the east side of the adjacent Magellan pipeline and holding facility where stormwater is trapped locally and remains until it either evaporates or soaks into the underlying soil. A stormsewer conveyance system does not exist for parcels which lie south of Avenue H.



Railroad and Ditch Line Along South Side of Sub-Basin H – Facing West

Sub-basin G consists of commercial/hotel uses and lies on the southeast corner of the city. The basin lies on the west side of Abbott Drive and is comprised of approximately 33 acres with a composite curve number of 80. A time of concentration was calculated at 41.3 minutes based on a flow velocity of 1.0 feet per second over pavement and grassed waterways. Stormwater from the basin flows to ditches along Abbott Drive on the east side, to the railroad ditch on the north, and to onsite swales filled with wetlands before reaching a tree lined ditch on the west. A Public stormsewer system in this sub-basin does not exist and stormwater is trapped locally until it either evaporates or soaks into the underlying soil.



Wetland Filled Drainage Swale West of Hotels – Facing North



Water Filled Ditch West of Sub-Basin G – Facing West

Sub-basin H consists of undeveloped land on the east side of Abbott Drive. The basin is comprised of approximately 56 acres with a potential composite curve number of 80 for commercial/business park uses. The time of concentration was calculated at 66.1 minutes based on a flow velocity of 1.0 feet per second over grassed waterways. This basin lies between Abbott Drive and the Missouri River levee, resulting in stormwater runoff being trapped in the basin and inhibiting development on the land.

BASIN PEAK RATE OF RUNOFF DETERMINATION

Following the delineation of sub-basins and a computed time of concentration in each basin, a computer model using the HEC-HMS software program was created to determine the peak rate of runoff. HEC-HMS, by the US Army Corps of Engineers, is used primarily for the hydrologic analysis of a drainage basin system. Sub-basin information, including the area, composite curve number and computed lag time (time of concentration for each basin times 0.6) was added to the model. 24-hour rainfall data was obtained from SUDAS, Region 7 for Carter Lake for storm frequencies of 2-years (3.18 inches), 5-years (3.95 inches) and 10-years (4.70 inches).

Sub-basin D3a is unique and based on an agreement at the time of construction of Owen Industries, sewer flows from the private grassed holding ponds were limited to a maximum release of 10 cfs in a 10-year storm event, with lesser releases during 2-year and 5-year events. To try to accurately model these releases, the area in basin D3a was subsequently reduced to 4 acres in the model to mimic expected releases.

An additional factor in the model is the addition of an initial abstraction. Initial abstraction is an amount of storage in the sub-basin which can be expected to occur before surface runoff begins, regardless of the storm duration. For the basis of the HEC-HMS model which was developed, an initial abstraction of one inch was used in each sub-basin.

Peak rate of runoffs for each sub-basin were calculated for the 2-year, 5-year and the 10-year frequency storm event and summarized on the following page.

Table 2. Peak Rate of Runoff Results

Sub-basin	Area (acres)	CN	Time (min)	Lag Time (min)	Return Period	Peak Rate of Runoff (cfs)
A	116	73	14.6	8.8	2	101.4
					5	177.4
					10	257.6
B	120	74	23.5	14.1	2	84.1
					5	150.9
					10	221.7
C1	123	67	27.4	16.4	2	60.9
					5	111.3
					10	166.7
C2	49	77	17.2	10.3	2	45.8
					5	80.2
					10	115.9
D1	54	80	27.0	16.3	2	44.3
					5	76.2
					10	109.5
D2	50	76	23.5	14.1	2	37.9
					5	67.4
					10	98.2
D3a	4*	84	24.0	14.4	2	4.2
					5	7.1
					10	10.0
D3b	33	84	32.9	21.6	2	26.8
					5	45.7
					10	64.5
D4	10	69	8.7	6.0	2	8.5
					5	15.3
					10	22.5
D5	19	72	22.5	13.5	2	12.7
					5	22.9
					10	33.7
D6	141	81	57.0	34.3	2	73.6
					5	126.7
					10	183.6
E	137	6	100.0	60.0	2	22.8
					5	42.2
					10	64.8
F	92	86	60.0	36.2	2	57.0
					5	96.2
					10	135.1
G	33	80	41.3	24.8	2	20.5
					5	35.9
					10	51.8
H	56	80	66.0	39.7	2	25.1
					5	43.9
					10	63.6

STORM SEWER PUMP STATIONS

In the Carter Lake Stormwater Master Plan prepared in 2005, JEO delineated drainage basins for only a portion of the City. A mix of the Rational Method and the Curve Number method was used, with time of concentrations calculated for both. This current report is not written to dispute the results of the Master Plan, but to independently re-examine the storm sewer system of the entire City. Sub-basin acreage, composite curve numbers and times of concentration vary widely between both studies.

As described within the Hydrology Study portion of this report, the City has four (4) storm sewer pump stations. The locations of these stations are summarized below:

Table 3. Storm Sewer Pump Stations

Sub-Basin	Location
D1	9 th Street and Willow Drive
D3	7 th Street and Wood Avenue
D4	7 th Street and Steele Avenue
D5	9 th Street and Avenue K

In the JEO report, deficiencies were previously noted with the 7th Street and Wood Avenue and the 7th Street and Steele Avenue pump stations, particularly in the pumping rates, resulting in street flooding.

It was noted the pump station at 9th and Willow was satisfactory for the discharge of stormwater during a 5-year storm event. For the higher intensity 10-year storm event, although the pump would run continuously for an extended period and some minor street ponding would occur, the timeframe was deemed reasonable. No modifications were recommended.

At 7th Street and Wood Avenue, the pumps ran continuously for a significant period during a 5-year storm event due to a limiting downstream gravity pipe capacity. A larger pump was recommended along with a new, larger force main. It was also recommended the pump only be as large as the existing generator could properly run.

The Stormwater Master Plan also addressed the pumping station at 7th Street and Steele Avenue. Like the 7th Street and Wood Avenue pump station, a downstream limiting factor to the performance of this station was the downstream gravity pipe capacity. Due to this factor, the pumps ran continuously for a significant period during the 5-year storm event, with increased pumping time for a 10-year event. It was also noted potential redevelopment could occur west of 7th Street, with a recommendation future stormwater flows be directed to the golf course detention pond rather than to the pump station. Recommendations were also made to replace the pump with the existing 7th and Wood Avenue pumps to manage the stormwater runoff along with the installation of a new force main to be drained directly to the detention pond.

The potential of future development on the northeast corner of 9th Street and Avenue K resulted in the recommendation of a new duplex pumping station at this intersection. A network of storm pipes and inlets was proposed to collect runoff and bring it to the proposed pump station.

Following the development of the Stormwater Master Plan, Jacobson Helgoth Consultants developed a Design Memorandum in 2006 to address the deficiencies with the existing stormwater pumps.

Recommendations were made to expand the pump station at 7th Street and Wood Avenue to two (2) pumps, totaling 12,500 gpm. The 9th Street and Avenue K pump station was recommended to provide a pumping rate of 16,500 gpm with two pumps. No recommendations were made to either the 9th Street and Willow Avenue pump station (4,200 gpm per Stormwater Master Plan) or the 7th Street and Steele Avenue pump station (1,450 gpm per Jacobson Helgoth Design Memorandum).

Based on the calculated peak rate of runoff from the HEC-HMS model, the following table summarizes peak runoff, pumping rates, total runoff and pumping run times at each stormwater pump station. In at least a two-year storm event, the pump stations in sub-basins D1, D3 and D4 will run in conjunction with some temporary ponding in the localized area as the pumps are not sized for the peak discharge calculated.

Table 4. Storm Sewer Pumping Summary (* - It is recommended pumping rates be verified with actual pump data.)

Sub-basin	Location	Return Period	Peak Discharge (cfs)	Total Runoff (ac-ft)	Total Runoff Volume (gallons)	Current Pump Capacity* (gpm)	Pump run time (minutes)	Pump run time (hours)
D1	9th Street and Willow Drive	2	44.3	4.5	1,466,331	4,200	349.1	5.8
		5	76.2	7.1	2,313,545	4,200	550.8	9.2
		10	109.5	9.9	3,225,929	4,200	768.1	12.8
D3	7th Street and Wood Avenue	2	30.3	3.6	1,173,065	12,500	93.8	1.6
		5	51.3	5.5	1,792,183	12,500	143.4	2.4
		10	72.6	7.5	2,443,886	12,500	195.5	3.3
D4	7th Street and Steele Avenue	2	8.5	0.6	195,511	1,450	134.8	2.2
		5	15.3	1.0	325,851	1,450	224.7	3.7
		10	22.5	1.4	456,192	1,450	314.6	5.2
D5	9th Street and Avenue K	2	12.7	1.2	391,022	16,500	23.7	0.4
		5	22.9	2.0	651,703	16,500	39.5	0.7
		10	33.7	2.8	912,384	16,500	55.3	0.9

Although the above table shows elevated pump run times at both the 9th Street and Willow Drive and the 7th Street and Steele Avenue pump stations, in discussions with the City, these locations do not currently experience any significant flooding issues. It appears the ponding in these areas overflow to the west towards the lake without causing significant issues.

Based on a review of the total runoff rates, the previous pump station improvements and discussions with City staff, no additional improvements to the pumping stations are proposed now. Ponding occurs at low points near the pump stations during storm events larger than a 2-year event (see Exhibit G); however, it appears the current ponding levels are acceptable. Future upgrades and expansion of each pump station could be considered to provide a higher level of service and reduce ponding, if deemed necessary. This expansion may require upsizing the downstream force main size and/or gravity storm sewer line in addition to pump station improvements.

STORM SEWER RECOMMENDATIONS

Several improvements have been considered to address identified drainage problems in the City. Upon final design, actual locations and sizes may vary from the preliminary recommendations laid out in this study. The proposed drainage improvements have also been assigned an opinion of probable cost based on current September 2019 construction costs. Full cost estimates are included in the Appendix.

Sub-Basin B Improvements: As described previously, a drainage problem exists at the intersection of Redick Boulevard and the driveway to the Carter Lake Elementary School. A sump situation allows water to pond until it has time to dissipate or evaporate. Stormwater collects along the curb line to both the east and the west along Redick Boulevard due to the very shallow street slope. This situation has resulted in the pavements joints spalling at the school drive, creating a situation in which the concrete panels will need to be replaced soon.

A proposed solution is to remove and replace concrete pavement, add single grate intakes to address the current ponding situation at the school drive and construct new storm sewer approximately 440 linear feet to the west and north to a tie-in to an existing curb inlet on the western side of the 11th and Hiatt Street intersection. The proposed sewer alignment is shown in Exhibit B. The estimated opinion of probable cost for this improvement is \$128,000.

Sub-Basin C1 Improvements: Within sub-basin C1, stormwater generally flows west to east, from 13th Street to 17th Street before finding its way to Carter Lake. At approximately 123 acres, it is a large basin with no storm sewer infrastructure. As described previously, a local drainage problem exists at the intersection of 15th Street and Avenue P. Drainage ditches exist in the right of way on the north side of Avenue P, however, flow is inhibited from naturally flowing to the east due to the placement of driveways to residences which were installed absent of culverts.

A proposed permanent solution is to construct a storm sewer trunk line from Carter Lake along 17th Street from about Reddick Street on the south to Avenue P on the north. As a first phase, the storm sewer system would be extended to the west along Avenue P to the intersection of 15th Street and Avenue P where open-sided area intakes would be constructed in the north right of way ditch on each side of 15th Street. Future storm sewer pipes, as necessary, could be constructed in each east-west street within the basin and tied into the trunk line in 17th Street at manhole structures. The proposed sewer alignment and improvements are shown in Exhibit C. The estimated opinion of probable cost for this improvement is \$556,000.

An inexpensive temporary solution is to construct underground rock storage basins in the right of way ditches lying on the north side of Avenue P. These basins have been used in other parts of the City for temporary ponding relief. These rock basins would provide a location for stormwater to drain to prior to infiltrating or migrating into the adjacent soils. The proposed basin locations are shown in Exhibit D. The estimated opinion of probable cost for this improvement is \$13,000.

Sub-Basins F, G and H Improvements: A major drainage problem occurs south of Avenue H within sub-basin F. As described previously, stormwater runoff accumulates in the ditch line along the Canadian National railroad track south of Owen Industries and north of the Magellan pipeline and storage facility. Stormwater in sub-basin G also accumulates in ditches along Abbot Drive and along the west side of the basin between several hotels and the Magellan facility. Runoff is trapped in these basins and cannot drain to the Missouri River. The PVS

facility south of Avenue H currently sits in a low area, as subsequent developments placed fill in around them. Due to the low elevation, the PVS facility has experienced significant flooding at their plant facility.

A public storm sewer system is not available in either of these two (2) basins which total approximately 125 acres. The PVS facility has a small detention pond and pump which can pump storm water directly to the Missouri River through an existing 8-inch forcemain. This detention and pumping system has very limited capacity and is quickly overwhelmed during rain events.

To provide stormwater drainage for this area, a proposed solution is to construct a new storm sewer pump station in the southern corner of basin G, with a new force main discharging at the Missouri River, See Exhibit E. The peak rate of runoff from these basins is large, requiring sizeable pumps to alleviate ponding in the ditches. Based on results from the HEC-HMS model and a desire to keep pump run times to one to two hours, pumps totaling 70,500 gpm would be required. Considering a sewer trunk line to the pump station, an appropriately sized force main tunneled through the levee, a parcel of land for the new pump station and an emergency onsite generator, the estimated opinion of probable cost for this improvement is \$3.83 million.

On the east side of Abbott Drive lies a large 56-acre parcel which has not been developed due to the ponding of stormwater runoff in the basin and the lack of a way to drain to the Missouri River. If the runoff from sub-basin H was directed to the new pump station, the pumps would be required to pass 95,000 gpm. The estimated opinion of probable cost for this improvement is \$4.11 million.

Peak rate of runoff and pumping characteristics are shown in the following table:

Table 5. Sub-Basin F, G and H - Storm Sewer Pumping Summary

Sub-basin	Return Period	Peak Discharge (cfs)	Total Runoff (ac-ft)	Total Runoff Volume (gallons)	Proposed Pump Capacity (gpm)	Pump run time (minutes)	Pump run time (hours)
F + G	2	77.5	12.2	3,975,387	70,500	56.4	0.9
	5	132.1	18.7	6,093,422	70,500	86.4	1.4
	10	186.9	25.4	8,276,626	70,500	117.4	2.0
F + G + H	2	102.6	16.8	5,474,304	95,000	57.6	1.0
	5	176.0	26.0	8,472,137	95,000	89.2	1.5
	10	250.5	35.5	11,567,726	95,000	121.8	2.0

The proposed pumps are robust, requiring a larger wet well. In addition, to achieve a higher pumping rate of 70,500 to 95,000 gpm, stormwater would be required to be stored within the storm sewer pipe system until it is able to be pumped down, possibly creating overflow issues upstream in the basin. One way to overcome this is to construct a pond to act as a reservoir for incoming stormwater flows, allowing a reduction in the required pumping capabilities.

As shown in Exhibit F, a pond could be constructed at the low point in sub-basin G in a vacant parcel south of the existing hotels. Using the pond to reduce pumping rates, it is estimated the rate would drop from 70,500 gpm to 26,000 gpm. Accounting for a sewer trunk line, tunneling through the levee with a force main, the

acquisition of land for the detention pond, and an emergency generator, the estimated opinion of probable cost for this improvement is \$3.37 million.

Including the flows for sub-basin H, it is estimated the pumping rate could be reduced from 95,000 gpm to 37,500 gpm using the detention pond for storage capabilities. The estimated opinion of probable cost for this improvement is \$3.75 million.

The above recommendations will require permits and approvals from Canadian National Railroad for the railroad crossing and from the US Army Corp of Engineers for the levee crossing. The levee crossing will require a USACE 408 permit review which would require significant time and effort to complete. Additional permits and approvals may be necessary including but not limited to a USACE 404 permit, Iowa Department of Natural Resources review and NPDES permits, Nebraska Department of Natural Resources review and US Army Corp of Engineers Missouri River Regulatory Division review.

A second alternative was reviewed to take runoff from sub-basin F easterly into a City of Omaha maintained detention facility. Upon review of existing grades, it is not feasible to gravity drain runoff from the sub-basin to this detention pond and therefore a lift station of similar capacity as listed above would be required to pump the flow to the detention facility. The City of Omaha has noted this detention facility was not sized for this area and therefore it would need to be expanded and improved. Based on these factors, it was determined not to pursue this alternative.

ESTIMATED OPINION OF PROBABLE COST SUMMARY

Table 6. Improvements Cost Summary

Sub-Basin	Improvement Recommendation	Estimated Cost
B	Grate Intakes and Storm Sewer	\$128,000
C1	Areas Intakes and Storm Sewer	\$556,000
C1	Rock Storage Basins	\$13,000
F+G	Trunk Sewer & Pump Station	\$3.83 M
F+G+H	Trunk Sewer & Pump Station	\$4.11 M
F+G	Trunk Sewer, Pump Station & Detention Pond	\$3.37 M
F+G+H	Trunk Sewer, Pump Station & Detention Pond	\$3.75 M

FUTURE DEVELOPMENT

This Storm Sewer Study and recommendations are based on existing developed conditions. As future development occurs in the City, higher runoff can be experienced with the addition of impervious areas. It is recommended the City adopt a storm sewer ordinance to keep runoff from future development at predeveloped levels for the 2-year through 100-year storm events as recommended in the SUDAS design manual. In addition, any new connection points to the existing storm sewer and pumping system should be reviewed to determine any adverse impacts. A detailed hydrology and hydraulic study should be included with any new development submittal.

LAKE AND RIVER LEVELS

In general, based on previous studies by the US Army Corp of Engineers and The Schemmer Associates, the water level of Carter Lake is not directly dependent on the Missouri River water levels, but more dependent on local hydrology. The City of Omaha currently operates a pumping system to maintain levels in the Lake. If the water levels in Carter Lake are low, a pump station is used to pump water from the Missouri River to the Lake. If levels in Carter Lake are high due to local rain events, a pump station at the lake pumps flow out of the lake through a 24-inch force main. Based on the “Carter Lake Water Level Control” 1997 design report by The Schemmer Associates, the system attempts to maintain lake levels between 969.8 and 970.0. It is believed the outflow pump for the Lake has a capacity of 9,000 gpm, pumping into a 24-inch forcemain discharging at the Storz Detention facility and can reduce the lake nearly one and one-half inches per day.



Carter Lake North Flood Control Pump Station

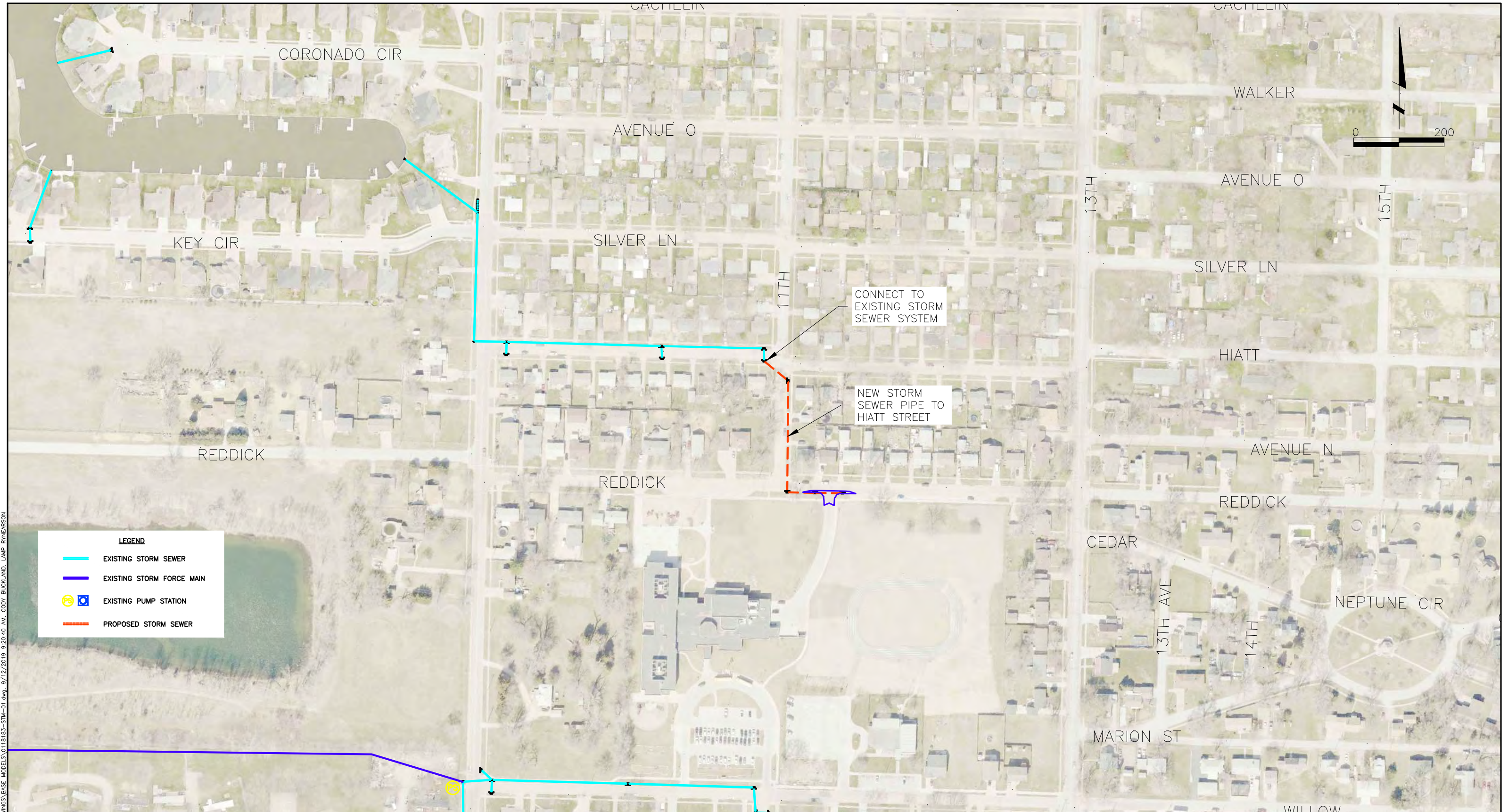


Carter Lake North Flood Control Pump Station

There have been infrequent events where the lake levels are high enough the lake may begin flowing back towards the Shoreline golf course detention pond. This would occur above a lake elevation of 971.0. These high lake events would limit the ability to continue pumping stormwater into the lake. During these events the City may need to consider blocking the golf course overflow channel and other low areas with temporary sandbags or berms to prevent the lake from backing into the stormwater detention ponds. Temporary pumps may be required to pump flow out of the golf course detention pond over the temporary berms.

CONCLUSION

Lamp Rynearson completed this study to review existing conditions and to address potential storm system improvements. Recommendations in this report will require detailed design analysis and may vary from these initial recommendations. The estimated opinion of probable costs may be used for planning purposes, but are not intended to necessarily represent final construction costs. Construction costs are highly dependent on contractor availability, inflation and other factors. Cost sharing or potential grants may be pursued to help fund the recommended projects.



LEGEND

- EXISTING STORM SEWER
- EXISTING STORM FORCE MAIN
- EXISTING PUMP STATION
- PROPOSED STORM SEWER

L:\Engineering\0118183 City of Carter Lake\Drawings\BASE MODELS\0118183-STW-01.dwg, 9/12/2019 9:20:40 AM, CODY BUCKLAND, LAMP RYNEARSON

<div>LAMP RYNEARSON</div> <div>920.963.0000 FAX 920.963.0000 800.926.0888 LampRynearson.com</div>	DESIGNER / DRAFTER CDB
	REVIEWER CDB
	PROJECT NUMBER 0118183
	DATE 8/26/2019
	SURFACE LOCATION
EXHIBIT B	BOOK AND PAGE

STORM SEWER IMPROVEMENTS

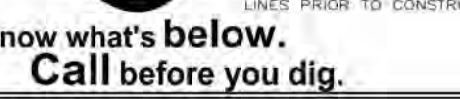


PRELIMINARY

NOT RELEASED FOR CONSTRUCTION

PONDING
EXHIBIT

CARTER LAKE SANITARY AND STORM
CARTER LAKE, IOWA



REVISIONS

DESIGNER / DRAFTER
DB
DATE
/12/2019
PROJECT NUMBER
18183.01-005
BOOK AND PAGE

MISSOURI AUTHORIZATION NUMBER

SHEET

EXHIBIT G

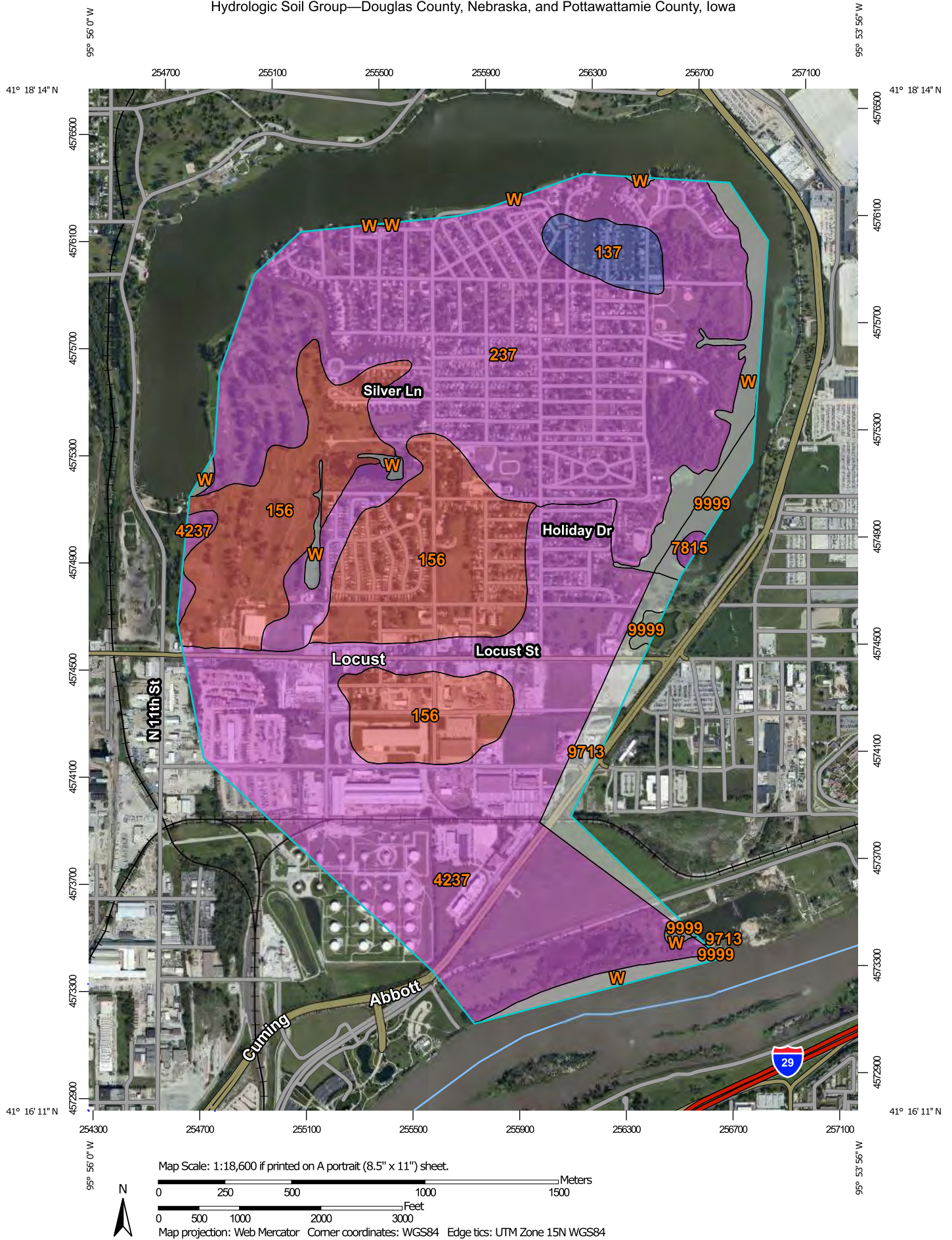
Table 2B-4.03: Runoff Curve Numbers for Urban Areas¹

Cover Type and Hydrologic Condition	Average Percent Impervious Area ²	CN's for Hydrologic Soil Group			
		A	B	C	D
Fully Developed Urban Areas (vegetation established)					
Open space (lawns, parks, golf courses, cemeteries, etc.): ³					
Poor condition (grass cover < 50%)	-----	68	79	86	89
Fair condition (grass cover 50% to 75%)	-----	49	69	79	84
Good condition (grass cover >75%)	-----	39	61	74	80
Impervious areas:					
Paved parking lots, roofs, driveways, etc. (excluding right-of-way)	-----	98	98	98	98
Streets and roads:					
Paved; curbs and storm sewers (excluding right-of-way)	-----	98	98	98	98
Paved; open ditches (including right-of-way)	-----	83	89	92	93
Gravel (including right-of-way)	-----	76	85	89	91
Dirt (including right-of-way)	-----	72	82	87	89
Urban districts:					
Commercial and business	85	89	92	94	95
Industrial	72	81	88	91	93
Residential districts by average lot size:					
1/8 acre or less (town homes)	65	77	85	90	92
1/4 acre	38	61	75	83	87
1/3 acre	30	57	72	81	86
1/2 acre	25	54	70	80	85
1 acre	20	51	68	79	84
2 acres	12	46	65	77	82
Developing Urban Areas					
Newly graded areas (pervious areas only, no vegetation) ⁴	-----	77	86	91	94
Idle lands (CN's are determined using cover types similar to those in Table 2B-4.01)					

¹ Average runoff condition and $I_a=0.2S$ ² The average percent impervious area shown was used to develop the composite CN's. Other assumptions are as follows: impervious areas are directly connected to the drainage system, impervious areas have a CN of 98, and pervious areas are considered equivalent to open space in good hydrologic condition. CN's for other combinations of conditions may be computed using Figures 2B-4.01 or 2B-4.02.³ CN's shown are equivalent to those of pasture. Composite CN's may be computed for other combinations of open space cover type.⁴ Composite CN's to use for the design of temporary measures during grading and construction should be computed using Figures 2B-4.01 or 2B-4.02 based upon the degree of development (impervious area percentage) and the CN's for the newly graded pervious areas.

Source: NRCS National Engineering Handbook, Part 630, Chapter 9

Hydrologic Soil Group—Douglas County, Nebraska, and Pottawattamie County, Iowa




**Natural Resources
Conservation Service**

Web Soil Survey
National Cooperative Soil Survey

7/23/2019
Page 1 of 4

MAP LEGEND

Area of Interest (AOI)









 Area of Interest (AOI)

Soils

Soil Rating Polygons





 A
 A/D
 B
 B/D
 C
 C/D
 D
 Not rated or not available

Soil Rating Lines

 A
 A/D
 B
 B/D
 C
 C/D
 D
 Not rated or not available

Soil Rating Points

 A
 A/D
 B
 B/D

 C
 C/D
 D
 Not rated or not available

Water Features

 Streams and Canals

Transportation

 Rails
 Interstate Highways
 US Routes
 Major Roads
 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at scales ranging from 1:12,000 to 1:15,800.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Douglas County, Nebraska

Survey Area Data: Version 13, Sep 12, 2018

Soil Survey Area: Pottawattamie County, Iowa

Survey Area Data: Version 23, Sep 11, 2018

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jul 1, 2018—Sep 30, 2018

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
7815	Ticonic-Sarpy-Carr complex, occasionally flooded	A	2.0	0.2%
9713	Urban land-Udorthents complex, 0 to 10 percent slopes, occasionally flooded		30.7	2.5%
9999	Water		14.6	1.2%
Subtotals for Soil Survey Area			47.3	3.9%
Totals for Area of Interest			1,216.8	100.0%

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
137	Haynie silt loam, 0 to 2 percent slopes, occasionally flooded	B	22.8	1.9%
156	Albaton silty clay, 0 to 2 percent slopes, occasionally flooded	D	247.6	20.3%
237	Sarpy loamy fine sand, 0 to 3 percent slopes	A	456.6	37.5%
4237	Sarpy-Urban land complex, 1 to 3 percent slopes	A	394.4	32.4%
W	Water		47.9	3.9%
Subtotals for Soil Survey Area			1,169.5	96.1%
Totals for Area of Interest			1,216.8	100.0%

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

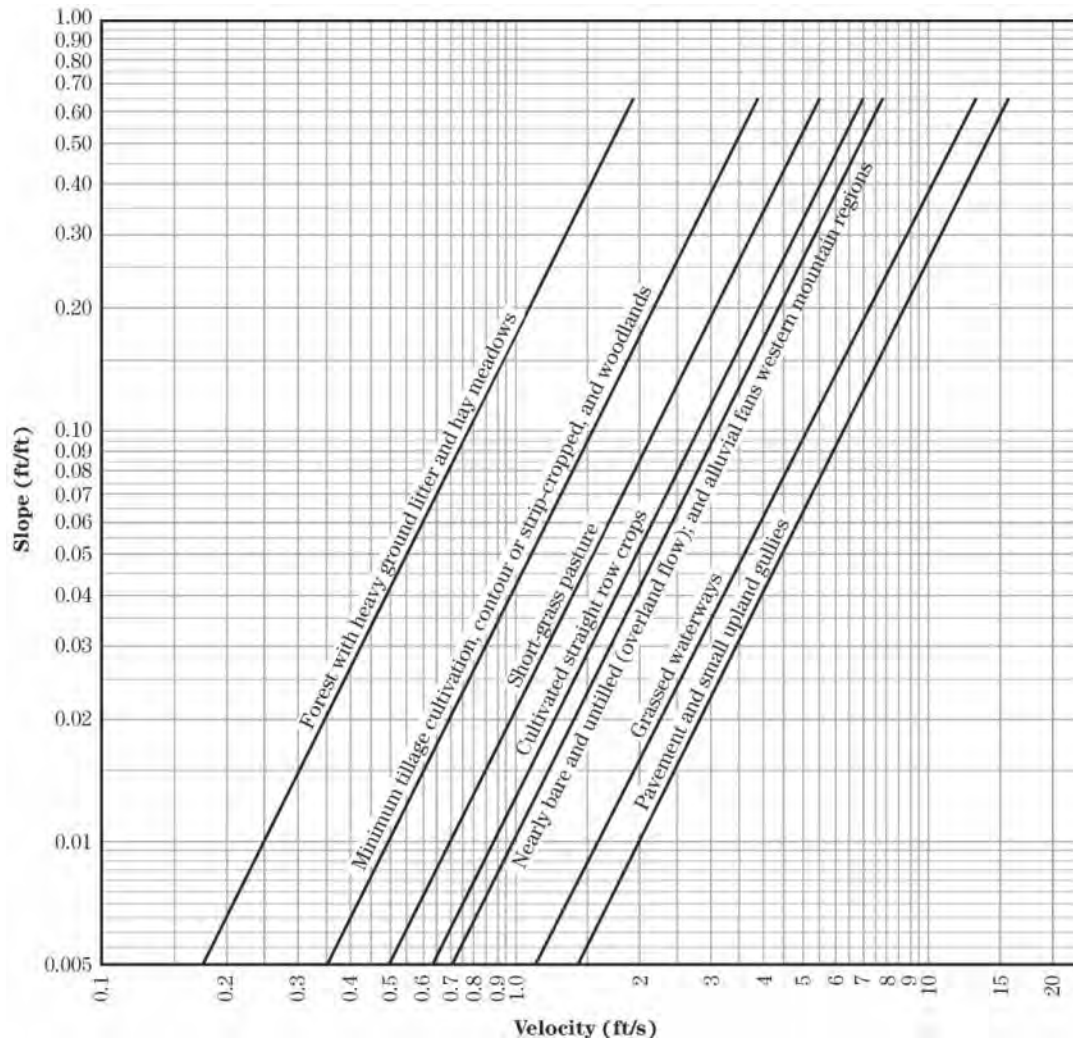
If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Figure 2B-3.01: Velocity Versus Slope for Shallow Concentrated Flow

Source: NRCS National Engineering Handbook, Part 630, Chapter 15

Table 2B-3.02: Equations and Assumptions Developed from Figure 2B-3.01

Flow Type	Depth (feet)	Manning's n	Velocity Equation (ft/s)
Pavement and small upland gullies	0.2	0.025	$V = 20.238(s)^{0.5}$
Grassed waterways (and unpaved urban areas)	0.4	0.050	$V = 16.135(s)^{0.5}$
Nearly bare and untilled (overland flow); and alluvial fans	0.2	0.051	$V = 9.965(s)^{0.5}$
Cultivated straight row crops	0.2	0.058	$V = 8.762(s)^{0.5}$
Short-grass prairie	0.2	0.073	$V = 6.962(s)^{0.5}$
Minimum tillage cultivation, contour or strip-cropped, and woodlands	0.2	0.101	$V = 5.032(s)^{0.5}$
Forest with heavy ground litter and hay meadows	0.2	0.202	$V = 2.516(s)^{0.5}$

Site Design

Assumptions/Comments:



Sub-basin B Improvements - Reddick Boulevard (Exhibit B)

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	MOBILIZATION	1	LS	\$10,000.00	\$10,000.00
2	CONSTRUCT 12" R.C.P., CLASS III	440	LF	\$35.00	\$15,400.00
3	CONSTRUCT 12" PIPE BEDDING	440	LF	\$15.00	\$6,600.00
4	CONSTRUCT SINGLE GRATE INTAKE	4	EA	\$3,500.00	\$14,000.00
5	REMOVE PAVEMENT	650	SY	\$6.00	\$3,900.00
6	7" CONCRETE PAVEMENT - IOWA DOT CLASS C	650	SY	\$45.00	\$29,250.00
	CONTINGENCY	30%		\$79,150.00	\$23,745.00
Estimated Construction Costs:					\$102,895.00
Design/CA/Testing:					24% \$24,694.80
Total Estimated Costs:					\$127,589.80

Site Design

Assumptions/Comments:



Sub-Basin C1 Improvements - 17th Street Storm Sewer (Exhibit C)

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	MOBILIZATION	1	LS	\$10,000.00	\$10,000.00
2	CONSTRUCT 18" R.C.P., CLASS III	60	LF	\$35.00	\$2,100.00
3	CONSTRUCT 24" R.C.P., CLASS III	1,050	LF	\$55.00	\$57,750.00
4	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	950	LF	\$85.00	\$80,750.00
5	CONSTRUCT 42" R.C.P., D(0.01) = 1,350	610	LF	\$100.00	\$61,000.00
6	CONSTRUCT 18" PIPE BEDDING	60	LF	\$15.00	\$900.00
7	CONSTRUCT 24" PIPE BEDDING	1,050	LF	\$20.00	\$21,000.00
8	CONSTRUCT 36" PIPE BEDDING	950	LF	\$25.00	\$23,750.00
9	CONSTRUCT 42" PIPE BEDDING	610	LF	\$35.00	\$21,350.00
10	CONSTRUCT OPEN-SIDED AREA INTAKE	4	EA	\$3,500.00	\$14,000.00
11	CONSTRUCT 54" I.D. MANHOLE	8	VF	\$800.00	\$6,400.00
11	CONSTRUCT 72" I.D. MANHOLE	36	VF	\$800.00	\$28,800.00
12	CONSTRUCT 42" R.C. FLARED END SECTION	1	EA	\$1,700.00	\$1,700.00
13	REMOVE PAVEMENT	300	SY	\$6.00	\$1,800.00
14	7" CONCRETE PAVEMENT - IOWA DOT CLASS C	300	SY	\$45.00	\$13,500.00
	CONTINGENCY	30%		\$344,800.00	\$103,440.00

Estimated Construction Costs: \$448,240.00

Design/CA/Testing: 24% \$107,577.60

Total Estimated Costs: **\$555,817.60**

Site Design

Assumptions/Comments:



Sub-Basin C1 Improvements - 17th Street Storm Sewer (Exhibit D)

Assume Two - 10' Diameter Rock Basins, 6' Deep

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	MOBILIZATION	1	LS	\$2,500.00	\$2,500.00
2	EARTHWORK (EXCAVATION)	60	CY	\$5.00	\$300.00
3	EARTHWORK (HAUL OFF)	60	CY	\$15.00	\$900.00
4	ROCK BASIN - 3" AGGREGATE	2	EA	\$2,000.00	\$4,000.00
5	MATTING/SEEDING	50	SY	\$5.00	\$250.00
	CONTINGENCY	30%		\$7,950.00	\$2,385.00
Estimated Construction Costs:					\$10,335.00
Design/CA/Testing:				24%	\$2,480.40
Total Estimated Costs:					\$12,815.40

Site Design

Assumptions/Comments:



Sub-basins F & G; Improvements with Pump Station and Storm Sewer Trunk Line (Exhibit E).

Pump costs provided by HTM Sales, assuming 3 propeller pumps totaling 70,500 gpm. Generator cost provided by Cummings of Omaha 600kW, outdoor enclosure, & sound attenuation.

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	MOBILIZATION	1	LS	\$10,000.00	\$10,000.00
2	9TH & ABBOTT DRIVE PUMPS	1	LS	\$724,220.00	\$724,220.00
3	PUMP STATION WET WELL	1	LS	\$300,000.00	\$300,000.00
4	BACKUP GENERATOR 9TH & ABBOTT DRIVE	1	EA	\$242,000.00	\$242,000.00
5	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	310	LF	\$85.00	\$26,350.00
6	CONSTRUCT 48" R.C.P., D(0.01) = 1,350	500	LF	\$120.00	\$60,000.00
7	CONSTRUCT 54" R.C.P., D(0.01) = 1,350	620	LF	\$150.00	\$93,000.00
8	CONSTRUCT 60" R.C.P., D(0.01) = 1,350	1,570	LF	\$300.00	\$471,000.00
9	CONSTRUCT 36" PIPE BEDDING	310	LF	\$15.00	\$4,650.00
10	CONSTRUCT 48" PIPE BEDDING	500	LF	\$20.00	\$10,000.00
11	CONSTRUCT 54" PIPE BEDDING	620	LF	\$25.00	\$15,500.00
12	CONSTRUCT 60" PIPE BEDDING	1,570	LF	\$30.00	\$47,100.00
13	CONSTRUCT 84" I.D. OPEN-SIDED AREA INTAKE	22	VF	\$700.00	\$15,400.00
14	CONSTRUCT 96" I.D. OPEN-SIDED AREA INTAKE	54	VF	\$1,000.00	\$54,000.00
15	BORE AND JACK 36" R.C.P.	160	LF	\$600.00	\$96,000.00
16	BORE AND JACK 60" R.C.P.	160	LF	\$900.00	\$144,000.00
17	LAND ACQUISITION	0.250	AC	\$239,802.88	\$59,950.72
	CONTINGENCY	30%		\$2,373,170.72	\$711,951.22

Estimated Construction Costs: \$3,085,121.94

Design/CA/Testing: 24% \$740,429.26

Total Estimated Costs: \$3,825,551.20

Site Design

Assumptions/Comments:



Sub-basins F, G and H; Improvements with Pump Station and Storm Sewer Trunk Line (Exhibit E).

Pump costs provided by HTM Sales, assuming 3 propeller pumps totaling 95,000 gpm. Generator cost provided by Cummings of Omaha 800kW, outdoor enclosure, & sound attenuation.

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	MOBILIZATION	1	LS	\$10,000.00	\$10,000.00
2	9TH & ABBOTT DRIVE PUMPS	1	LS	\$880,000.00	\$880,000.00
3	PUMP STATION WET WELL	1	LS	\$300,000.00	\$300,000.00
4	BACKUP GENERATOR 9TH & ABBOTT DRIVE	1	EA	\$297,000.00	\$297,000.00
5	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	460	LF	\$85.00	\$39,100.00
6	CONSTRUCT 48" R.C.P., D(0.01) = 1,350	400	LF	\$120.00	\$48,000.00
7	CONSTRUCT 54" R.C.P., D(0.01) = 1,350	620	LF	\$150.00	\$93,000.00
8	CONSTRUCT 60" R.C.P., D(0.01) = 1,350	1,470	LF	\$300.00	\$441,000.00
9	CONSTRUCT 36" PIPE BEDDING	460	LF	\$15.00	\$6,900.00
10	CONSTRUCT 48" PIPE BEDDING	400	LF	\$20.00	\$8,000.00
11	CONSTRUCT 54" PIPE BEDDING	620	LF	\$25.00	\$15,500.00
12	CONSTRUCT 60" PIPE BEDDING	1,470	LF	\$30.00	\$44,100.00
13	CONSTRUCT 84" I.D. OPEN-SIDED AREA INTAKE	22	VF	\$700.00	\$15,400.00
14	CONSTRUCT 96" I.D. OPEN-SIDED AREA INTAKE	54	VF	\$1,000.00	\$54,000.00
15	BORE AND JACK 36" R.C.P.	160	LF	\$600.00	\$96,000.00
16	BORE AND JACK 60" R.C.P.	160	LF	\$900.00	\$144,000.00
17	LAND ACQUISITION	0.250	AC	\$239,802.88	\$59,950.72
	CONTINGENCY	30%		\$2,551,950.72	\$765,585.22

Estimated Construction Costs:		\$3,317,535.94
Design/CA/Testing:	24%	\$796,208.62
Total Estimated Costs:		\$4,113,744.56

Site Design

Assumptions/Comments:



Sub-basins F & G; Improvements with Pump Station, Storm Sewer Trunk Line and Detention Pond (Exhibit F).

Pump costs provided by HTM Sales, assuming 4 pumps totaling 26,000 gpm. Generator cost provided by Cummings of Omaha 450kW, outdoor enclosure, & sound attenuation.

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	MOBILIZATION	1	LS	\$10,000.00	\$10,000.00
2	9TH & ABBOTT DRIVE PUMPS	1	LS	\$254,000.00	\$254,000.00
3	PUMP STATION WET WELL	1	LS	\$300,000.00	\$300,000.00
4	BACKUP GENERATOR 9TH & ABBOTT DRIVE	1	EA	\$135,000.00	\$135,000.00
5	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	1,410	LF	\$85.00	\$119,850.00
6	CONSTRUCT 48" R.C.P., D(0.01) = 1,350	500	LF	\$120.00	\$60,000.00
7	CONSTRUCT 54" R.C.P., D(0.01) = 1,350	620	LF	\$150.00	\$93,000.00
8	CONSTRUCT 60" R.C.P., D(0.01) = 1,350	470	LF	\$300.00	\$141,000.00
9	CONSTRUCT 36" PIPE BEDDING	1,410	LF	\$15.00	\$21,150.00
10	CONSTRUCT 48" PIPE BEDDING	500	LF	\$20.00	\$10,000.00
11	CONSTRUCT 54" PIPE BEDDING	620	LF	\$25.00	\$15,500.00
12	CONSTRUCT 60" PIPE BEDDING	470	LF	\$30.00	\$14,100.00
13	CONSTRUCT 84" I.D. OPEN-SIDED AREA INTAKE	22	VF	\$700.00	\$15,400.00
14	CONSTRUCT 96" I.D. OPEN-SIDED AREA INTAKE	54	VF	\$1,000.00	\$54,000.00
15	BORE AND JACK 36" R.C.P.	320	LF	\$600.00	\$192,000.00
16	LAND ACQUISITION	2.638	AC	\$239,802.88	\$632,600.00
17	EARTHWORK (EXCAVATION)	16,100	CY	\$1.50	\$24,150.00
	CONTINGENCY	30%		\$2,091,750.00	\$627,525.00

Estimated Construction Costs:		\$2,719,275.00
Design/CA/Testing:	24%	\$652,626.00
Total Estimated Costs:		\$3,371,901.00

Site Design

Assumptions/Comments:



Sub-basins F, G, and H; Improvements with Pump Station, Storm Sewer Trunk Line and Detention Pond (Exhibit F).

Pump costs provided by HTM Sales, assuming 5 pumps totaling 32,500 gpm. Generator cost provided by Cummings of Omaha 500kW, outdoor enclosure, & sound attenuation.

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	MOBILIZATION	1	LS	\$10,000.00	\$10,000.00
2	9TH & ABBOTT DRIVE PUMPS	1	LS	\$384,000.00	\$384,000.00
3	PUMP STATION WET WELL	1	LS	\$300,000.00	\$300,000.00
4	BACKUP GENERATOR 9TH & ABBOTT DRIVE	1	EA	\$147,500.00	\$147,500.00
5	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	460	LF	\$85.00	\$39,100.00
6	CONSTRUCT 48" R.C.P., D(0.01) = 1,350	1,500	LF	\$120.00	\$180,000.00
7	CONSTRUCT 54" R.C.P., D(0.01) = 1,350	620	LF	\$150.00	\$93,000.00
8	CONSTRUCT 60" R.C.P., D(0.01) = 1,350	470	LF	\$300.00	\$141,000.00
9	CONSTRUCT 36" PIPE BEDDING	460	LF	\$15.00	\$6,900.00
10	CONSTRUCT 48" PIPE BEDDING	1,500	LF	\$20.00	\$30,000.00
11	CONSTRUCT 54" PIPE BEDDING	620	LF	\$25.00	\$15,500.00
12	CONSTRUCT 60" PIPE BEDDING	470	LF	\$30.00	\$14,100.00
13	CONSTRUCT 84" I.D. OPEN-SIDED AREA INTAKE	22	VF	\$700.00	\$15,400.00
14	CONSTRUCT 96" I.D. OPEN-SIDED AREA INTAKE	54	VF	\$1,000.00	\$54,000.00
15	BORE AND JACK 36" R.C.P.	160	LF	\$600.00	\$96,000.00
16	BORE AND JACK 48" R.C.P.	160	LF	\$900.00	\$144,000.00
17	LAND ACQUISITION	2.638	AC	\$239,802.88	\$632,600.00
18	EARTHWORK (EXCAVATION)	16,100	CY	\$1.50	\$24,150.00
	CONTINGENCY	30%		\$2,327,250.00	\$698,175.00

Estimated Construction Costs:		\$3,025,425.00
Design/CA/Testing:	24%	\$726,102.00
Total Estimated Costs:		\$3,751,527.00

PROPOSED FLAGPOLE ORDINANCE

9/11//2019

WORKSHOP DISCUSSION

Permits required.

A. No flagpole 15 feet in height or greater shall be erected or constructed without first obtaining a building permit pursuant to the International Building Code, Section 105.1, Permits Required, as amended.

B. Unless additional review is required pursuant to Carter Lake City ordinances, a building permit application for a flagpole shall be reviewed for compliance with this chapter and all applicable codes and a decision to approve, approve with conditions, or deny shall be issued within 30 days of receipt of a fully complete permit application. All applications for flagpoles requiring a building permit shall include plans and specifications stamped by a professional licensed engineer to assure proper grounding, strength, wind resistance, seismic loads, and other relevant engineering requirements.

C. Metal flagpoles requiring a building permit shall be engineered and constructed in accordance with the American National Standard Institute – National Association of Architectural Metal Manufacturers (ANSI/NAAMM) Guide Specifications for Design of Metal Flagpoles, FP 1001-97 as amended.

D. Any flagpole greater than 15 feet in height shall be allowed only in a commercial or industrial district within the city limits of the City of Carter Lake.

Approval process.

Persons seeking permits or approval under this chapter shall be subject to the administrative review process of the City of Carter Lake. The Applicant shall seek consultation for height and lighting restrictions through the Federal Aviation Administration.

Business signage/advertising restricted by previous Ordinance.

Flags, other than government approved official flags of the United States of America or of the State of Iowa, which are designed for or in effect serve advertising purposes and focus attention on location for business purposes, shall be considered signage and shall NOT be allowed on the permitted flagpole, as all such signs are already regulated by the City's sign ordinances.

Height.

The top of all flags (including the flagpole), regardless of the manner of mounting, whether freestanding, or on any structure, or any combination thereof:

CURRENT PROPOSAL "shall result in the top of the flagpole being no higher than the height restriction for buildings/structures in the zoning district in which they are located or no greater than 80 feet in height".

Alternative language 1: ..."shall result in the top of the flagpole being no higher than the height restriction for buildings/structures in the zoning district in which they are located."

Alternative language 2: ..."shall result in the top of the flagpole being no higher than eighty (80) feet in height."

Alternative language 3: "shall result in the top of the flagpole being no higher than the height restriction for buildings/structures in the zoning district in which they are located or no greater than eighty (80) feet in height, whichever height is greater."

Alternative language 4:

Height. All flags, including the flagpole, regardless of the manner of mounting whether freestanding or on any structure, or any combination thereof shall be allowed for the display of any flag authorized under this code of ordinances, as long as the proposed flagpole meets the construction requirements set forth in paragraphs A and C of this Ordinance and as long as the Federal Aviation Administration approves the height and position of the flagpole.

This height provision shall apply only to flagpoles placed in commercial and industrial zoned areas within the city limits of the City of Carter Lake, Iowa.

Setbacks.

Flags and flagpoles must be set back sufficient distance from property lines so as not to create a safety hazard on adjacent property. These structures and their related flags shall be set back sufficient distance to enable the flag to fly fully open without flying over the property of others.

Size.

The maximum flag size allowed on a flagpole, tower, tower structure, or similar structure shall be as follows:

Flagpole/Structure	Size of Flag (Maximum)
20 ft.	4 ft. by 6 ft.
25 ft.	5 ft. by 8 ft.
30 ft. – 35 ft.	6 ft. by 10 ft.
40 ft. – 45 ft.	6 ft. by 10 ft. or 8 ft. by 12 ft.
50 ft.	8 ft. by 12 ft. or 10 ft. by 15 ft.

Changes to the dimensional standard of the flag shall be allowed if the total area of the flag allowed is not exceeded and if it can be demonstrated that the revision to dimensional standards meets the intent of this Ordinance.

Number.

No more than one flagpole as described and used herein shall be allowed per parcel or lot.

Manner of display.

Flags and insignia of any government should be displayed in as approved manner pursuant to federal guidelines in Title 4, United States Code, Chapter 1 (the Federal Flag Code).

Light display.

Lighting of the flagpole at night is allowed. To contain the impacts of unsafe lighting and light

pollution, the city prohibits the following when used with or for flags and flagpoles: :

A. Floodlights, searchlights, beacons, and laser source light fixtures which are not confined to illumination of the pole and flag;

B. Neon lighting;

C. Lighting which creates hazards to pedestrian and traffic safety, and which is a nuisance to surrounding properties because of excessive glare, excessive light production in relation to need, and/or lighting which create shadow and light which together create a hazard; and

D. Blinking, flashing, animated, and/or moving lights.

Whenever possible downlighting and shielding/baffling of fixtures shall be incorporated into the design of the flag and flagpole.

Nonconformance.

A. Pre-existing Nonconforming Flags and flagpole.

No outdoor flag or flagpole which was lawfully installed prior to the enactment of the ordinance shall be required to be removed or modified except as expressly provided herein; however, no modification, alteration or replacement shall be made to a nonconforming structure unless the structure thereafter conforms to the provisions of this chapter. Normal maintenance and repair of any flagpole shall be allowed.

B. Conformance after Abandonment/Damage.

In the event that a flag or flagpole is abandoned for more than one year, or is damaged beyond 75 percent of appraised, assessed value, the repaired or replacement flag and/or flagpole shall comply with the provisions of the chapter.

Variances.

Variances from the standards of this chapter shall be pursuant to the processes outlined in The City Code of Carter Lake Iowa and shall be heard by the Board of Adjustment.

Appeals.

Any person aggrieved by any part, requirement or process of this chapter shall have the right and obligation to seek review of this chapter or any decision made pursuant to it. Appeals of decision of the building official, shall be to the City Council upon written application to the City Clerk. An applicant aggrieved by any part, requirement or process set forth in this chapter must exhaust all available administrative appeals before seeking recourse in the courts.

Administrative interpretation.

Administrative interpretations of this chapter shall be made by the Building Inspector. Any costs associated with the building Inspector consulting with an architect or engineer regarding the proposed flagpole and flag shall be charged to the Applicant, and paid for by the Applicant, regardless of the decision to approve or not approve the flagpole.

Penalties.

Violations of this Code will be considered a nuisance under the statutes of the City of Carter Lake and treated as a nuisance under Chapter 55 of the Municipal City Code subject to all penalties and authorities therein established including the right of the City to enjoin the unauthorized use of the flagpole by seeking court Order and all costs of enforcement.

Ordinance No. _____

AN ORDINANCE AMENDING THE CODE OF ORDINANCES OF THE CITY OF CARTER LAKE, AS PREVIOUSLY AMENDED, BY ADDING AND INCORPORATING REGULATIONS REGARDING SHORT TERM RENTALS.

BE IT ORDAINED AND ENACTED BY THE CITY COUNCIL OF THE CITY OF CARTER LAKE, POTTAWATTAMIE COUNTY, IOWA, AS FOLLOWS:

Section 1. Amendment. Section 134.01.010 of the Code of Ordinances is hereby amended by adding the following definition:

"Short-term rental" means the renting of any Dwelling for a term of less than ninety (90) continuous days."

Section 2. Amendment. The Code of Ordinances is hereby amended by adding and incorporating the following section:

"SECTION 134.14.050. SHORT TERM RENTALS. Short term rentals of any Dwelling in any residential zoning district are prohibited unless:

- a) The unit is owner-occupied; and
- b) The owner is residing on-site and present during the entire duration of the Short-term rental; and
- c) The property has obtained a rental housing permit pursuant to Chapter 134 of this Code; and
- d) The owner has paid hotel/motel tax for the first 30 days of the stay as required by this Code.

Section 3. Conflicts. All ordinances or parts of ordinances not specifically provided for and in conflict with the provisions of this ordinance are hereby repealed.

Section 4. Adjudication. If any section, provision, or part of this ordinance shall be adjudged to be invalid or unconstitutional, such adjudication shall not affect the validity of the ordinance as a whole or any section, provision or part thereof not adjudged invalid or unconstitutional.

Section 5. Effective Date. This ordinance shall be in full force and effect after its passage, approval and publication as required by law.

Passed and approved this ____ day of _____ 2019.

_____, Mayor

ATTEST:

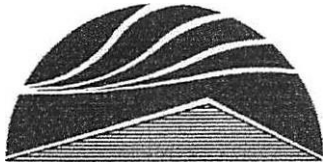
_____, City Clerk

134.14.050. SHORT TERM RENTALS.

Short term rentals of any dwelling in any residential zoning district are prohibited unless:

1. The unit is owner-occupied; and
2. The owner is residing on-site and present during the entire duration of the short-term rental;
and
3. The property has obtained a rental housing permit pursuant to Chapter 134 of this Code; and
4. The owner has paid hotel/motel tax for the first 30 days of the stay as required by this Code.

2019 RESIDENTIAL RENTAL PROPERTY PERMIT APPLICATION



CITY OF CARTER LAKE, IOWA

Building Department

Rental Inspector: _____



MAIL WHITE COPY

Checks Payable To: City of Carter Lake

950 East Locust Street

Carter Lake, IA 51510

PHONE: 712-347-6320

EMAIL: _____

This is your only notice to pay. Failure to pay may result in a municipal citation.

By renewing your Rental Permit and signing this form, you or your representative are stating the properties listed below are in compliance with the City of Carter Lake Rental Code Chapter 134 of Carter Lake Code of Ordinances.

CHECK ONE:

NEW ☐ RENEWAL ☐ SHORT TERM ☐

OFFICE USE: CHECK# _____

RECEIVED DATE: _____

RENTAL PROPERTY ADDRESS _____ PERMIT NUMBER _____

TYPE OF RENTAL UNIT: _____ NUMBER OF BEDROOMS: _____

OWNER NAME _____

OWNER ADDRESS _____ EMAIL _____

BUSINESS NAME _____ BUSINESS TYPE: Individual ☐ Partnership ☐ Corporate ☐ Trust ☐

OWNER HOME PHONE # _____ OWNER MOBILE PHONE # _____

EMERGENCY CONTACT NAME + PHONE# _____

PROPERTY MANAGER OR AGENT _____

OFFICE PHONE# _____ MOBILE PHONE# _____ EMAIL _____

EMERGENCY AGENT CONTACT _____

All Property Owners Must Have A Local Individual Or Agent If You Live More Than 50 Miles Outside of Carter Lake.

ANNUAL FEE SCHEDULE (Each separate tax parcel has a fee)

CONDOMINIUM	#UNITS _____	x 50.00 \$ _____
SINGLE FAMILY		50.00 \$ _____
ZERO LOT		50.00 \$ _____
CO-OP OWNED COMPLEX	#UNITS _____	x 50.00 \$ _____
OWNER OCCUPIED DUPLEX		50.00 \$ _____
DUPLEX (one tax parcel)		51.00 \$ _____
4 PLEX (one tax parcel)		67.00 \$ _____
8 PLEX (one tax parcel)		99.00 \$ _____
12 PLEX (one tax parcel)		131.00 \$ _____

COMMERCIAL BUILDINGS w/APARTMENTS IN BUILDING (NOT CONDOS):

#Buildings _____ X \$35.00 = _____ + #Apartments _____ x \$8.00 = \$ _____

APPLICANT'S SIGNATURE _____ DATE SIGNED _____ TOTAL PAID \$ _____

ORDINANCE NO. _____

**AN ORDINANCE TO AMEND CITY OF CARTER LAKE
UNIFIED LAND DEVELOPMENT ORDINANCES
ADOPTED AUGUST 28, 2006
BY AMENDING SECTION 27
“SIGN REGULATIONS”**

**BE IT ORDAINED
BY THE CITY COUNCIL
OF THE
CITY OF CARTER LAKE, IOWA**

**SECTION 2703 Types of Permitted Signs
shall be amended to add:**

4. TOURIST-ORIENTED DIRECTIONAL SIGNING

This provision applies to official signing that is located within the public right-of-way that identifies and gives directions to activities or sites of significant interest to the public, subject to the exclusive regulations of the City. Applications for these types of signs are made available at City Hall and the Mayor’s office shall be responsible for approving all such signs. The Mayor may reasonably limit the place, time and manner of the use of such signs as a part of the City’s regulations.

Further:

- a. Such signage shall be installed only when sufficient space is available.
- b. Such signage may only be installed where advance notification of an activity or site would reduce conflicts and improve traffic safety.
- c. Such signage is owned and controlled by the City of Carter Lake with the intent for building tourism, and are limited to a descriptive name, directional arrow, and travel distance to the activity or site.

PASSED and APPROVED: _____, 2019.

RESOLUTION NO. _____

WHEREAS, the City of Carter Lake, Iowa has adopted ordinances allowing for charges for weed removal; and

WHEREAS, the ordinances allow for recovering costs for the services plus administrative fees as set out by ordinance; and

WHEREAS, it has been determined that tax liens will be assessed against the property that has received the services, in the event the property owners fail to pay for said services and administrative fees; and

WHEREAS, services have been provided to the properties listed and bills have been render to the property owner; and

WHEREAS, the bills remain outstanding;

NOW THEREFORE BE IT RESOLVED that liens be assessed against the properties listed for the amounts determined

(SEE ATTACHMENT)

BE IT FURTHER RESOLVED that the outstanding amounts be liened and collectible as follows:

\$150 or less – current tax collection (1year to pay) – no interest

\$151 to \$500 – spread out over 3 years – 5% interest

\$501 to \$1500 – spread out over 5 years – 7% interest

\$1501 and above – spread out over 10 years – 9% interest

Passed and approved this 16th day of September 2019.

Ronald Cumberledge, Mayor

ATTEST:

Jackie Stender, City Clerk

LIENS - September 2019**Weeds**

<u>Inv #</u>	<u>Property</u>	<u>Service Date</u>	<u>Amount</u>
3806	Vacant Lot - Ave H	6/1/2019	525.00
3807	1501 Cachelin Dr	6/5/2019	225.00
3808	1215 Locust St	5/15/2019	300.00
3809	1013 Silver Lane	5/15/2019	150.00
3810	1115 Silver Lane	5/22/2019	112.50
3811	3000 Airport Rd	5/31/2019	575.00
3812	1313 Hiatt St	6/5/2019	150.00
3813	3716 N 13th St	6/7/2019	112.50
3814	1213 Ave P	6/7/2019	150.00
3817	3000 N 13th St	5/15/2019	150.00
3869	1013 Silver Lane	7/10/2019	135.00
3871	1501 Cachelin Dr	8/9/2019	360.00
3886	Vacant Lot - Ave H	7/15/2019	300.00

\$ 3,245.00

CARTER LAKE CITY COUNCIL MEETING

Monday, August 19, 2019

Meeting called to order by Mayor Ron Cumberledge at 7:00 p.m. The meeting opened with the Pledge of Allegiance. The Mayor called the roll of the Council, present: Jackie Wahl, Pat Paterson, Jason Gundersen and Aaron Grell. Absent: Frank Corcoran.

The Agenda was reviewed, upon motion duly made by Gundersen, and seconded by Grell, the Agenda was approved; motion was passed unanimously. Upon motion of Paterson, seconded by Wahl, the consent agenda was approved unanimously.

New Business: Alex Shackleton of Waste Connections was present to answer questions for the council regarding pickup procedures and management plans to make improvements to service.

Jeanne Eiber request to close Shoal Drive on 9/7/19, Gundersen moved to approve, seconded by Grell. The motion was passed unanimously. Gundersen moved to approve the Improvement Club's request to close street for Dog Days on 8/24/19 from 6 pm-1am, seconded by Grell, The motion was passed unanimously.

John Wallace urged the Council and Mayor to consider increasing pay for all the extra meetings required of the positions. Mayor pay has been at \$1,000 since 8/1985 and Council pay has been at \$200 per month since 1993. John believes it is time for an increase. The Council appreciates the information and support.

Laurel Hamilton requested the city to stop mosquito spraying within the community. Mrs. Hamilton recited information from various health agencies regarding environmental impacts and personal health effects. Expressed concerns and frustration with the process in which the contractor was hired and lack of education of the community.

Gundersen moved to approve liquor license for Shoreline Golf Course, seconded by Grell. Gundersen moved to approve liquor license for VFW, seconded by Grell. Mayor request that renewal for Spearmint Rhine liquor license be delayed until he confirms an outstanding invoice has been satisfied. Tabled until 8/26/19. Grell moved to approve Commercial Parking permits for Daniel Cumberledge, David Cumberledge, Jay Gundersen, Gary Hineline, Ann Kaiser, Lemuel Sheard and Gerald Waltrip; seconded by Paterson; The motion was passed unanimously.

Mayor Cumberledge encouraged everyone to attend the Community Center workshop to see the conceptual design on Wednesday, August 21, 2019 from 7-8 p.m.

Paterson moved to approve first reading of ordinance to adopt 2012 International Property Maintenance Code; seconded by Wahl, motion was passed unanimously.

Paterson moved to approve resolution to set fees for the Rental Housing Inspection Program Gundersen, motion was passed unanimously.

Paterson moved to approve resolution to approve Contract with National Property Inspections, seconded by Gundersen, motion was passed unanimously.

Gundersen moved to approve resolution to approve tax abatement application for 1218 Willow Drive, seconded by Wahl, motion was passed unanimously.

Paterson moved to table resolution to approve tax abatement application for 780 Key Circle due to concerns about abatements in that area and after comments from Joni Piper, seconded by Gundersen, motion to table was passed unanimously.

Paterson moved to approve transfer of \$19,830.25 from Local Option Sales tax to Debt Service for the City Hall project debt, seconded by Grell, motion was passed unanimously.

Meeting Adjourned at 8:15 p.m.

Jackie Carl
Carter Lake City Clerk

ACCOUNTS PAYABLE ACTIVITY

CLAIMS REPORT

8/01/2019 THRU 8/31/2019

VENDOR NAME	INVOICE DESCRIPTION	INVOICE AMT	VENDOR TOTAL	CHECK#	CHECK DATE
ACCOUNTS PAYABLE CLAIMS					

	GENERAL				
	LIABILITIES				
CITY OF CARTER LAKE	SERVICE CHARGE	1.00		66732	8/30/19
CITY OF CARTER LAKE	SERVICE CHARGE	1.00	2.00	66732	8/30/19
CARTER LAKE PEACE OFFICERS	POLICE DUES	140.00		66679	8/16/19
CARTER LAKE PEACE OFFICERS	POLICE DUES	140.00	280.00	66679	8/16/19
COLONIAL INSURANCE CO	COLONIAL INS	115.04		66678	8/16/19
COLONIAL INSURANCE CO	COLONIAL INS	115.01	230.05	66678	8/16/19
DELTA DENTAL OF IOWA	DENTAL INS	211.12		1322374	8/16/19
DELTA DENTAL OF IOWA	DENTAL INS	211.12	422.24	1322374	8/16/19
FED/FICA TAXES	FED/FICA TAX	364.53		1322360	8/01/19
FED/FICA TAXES	FED/FICA TAX	8,015.75		1322361	8/02/19
FED/FICA TAXES	FED/FICA TAX	8,464.38		1322371	8/16/19
FED/FICA TAXES	FED/FICA TAX	8,352.51	25,197.17	1322381	8/30/19
IPERS	IPERS	5,429.28		1322382	8/30/19
IPERS	IPERS	31.46		1322382	8/30/19
IPERS	IPERS	5,692.70		1322382	8/30/19
IPERS	IPERS	5,464.67	16,618.11	1322382	8/30/19
LIBERTY NATIONAL	LIBERTY NATIONA	20.60		66681	8/16/19
LIBERTY NATIONAL	LIBERTY NATIONA	20.60	41.20	66681	8/16/19
GIS BENEFITS	LIFE INSURANCE	112.80		1322373	8/16/19
GIS BENEFITS	LIFE INSURANCE	112.79	225.59	1322373	8/16/19
NEBR CHILD SUPPORT PAYMENT CNT	CHILD SUPPORT	36.01		1322362	8/02/19
NEBR CHILD SUPPORT PAYMENT CNT	CHILD SUPPORT	36.01		1322375	8/16/19
NEBR CHILD SUPPORT PAYMENT CNT	CHILD SUPPORT	36.01	108.03	1322384	8/30/19
TREASURER, STATE OF IOWA	STATE TAXES	1,331.50		1322383	8/30/19
TREASURER, STATE OF IOWA	STATE TAXES	69.00		1322383	8/30/19
TREASURER, STATE OF IOWA	STATE TAXES	1,396.50		1322383	8/30/19
TREASURER, STATE OF IOWA	STATE TAX	1,389.50	4,186.50	1322383	8/30/19
US DEPT OF EDUCATION AWG	GARNISHMENT	196.47		66605	8/02/19
US DEPT OF EDUCATION AWG	GARNISHMENT	198.14		66680	8/16/19
US DEPT OF EDUCATION AWG	GARNISHMENT	196.12	590.73	66733	8/30/19
WELLMARK BLUE CROSS AND	MEDICAL INS	4,356.72		1322372	8/16/19
WELLMARK BLUE CROSS AND	MEDICAL INS	4,356.67	8,713.39	1322372	8/16/19
			=====		
	LIABILITIES		56,615.01		
	POLICE				
SYNCB/AMAZON	KITCHEN EQUIP-POLICE		213.33	66691	8/29/19
ARROW TOWING INC	POLICE-TOW'14 FORD EXPLORER		45.00	66615	8/14/19
AXON ENTERPRISE INC	POLICE-UCP SMART/YR 3 PAYMENT		1,078.92	66617	8/14/19
BLACK HILLS ENERGY	UTILITIES		64.99	1322386	8/15/19
BLUE TO GOLD, LLC	TRAIN-DRISCOLL/HUSCROFT/SEWING		705.00	66594	8/01/19
BROWNELLS, INC	SHIPPING FEE FOR CLEANING KIT	3.95		66621	8/14/19
BROWNELLS, INC	POLICE-GLOCK DUMMY ROUNDS	29.06	33.01	66621	8/14/19
BRYAN HILL ENTERTAINMENT	NATIONAL NIGHT OUT-POLICE		1,461.54	66622	8/14/19
CITY OF COUNCIL BLUFFS	VEHICLE REPAIRS/PD		2,120.06	66625	8/14/19

ACCOUNTS PAYABLE ACTIVITY

CLAIMS REPORT

8/01/2019 THRU 8/31/2019

VENDOR NAME	REFERENCE	INVOICE AMT	VENDOR TOTAL	CHECK#	CHECK DATE
DATASERV CORPORATION	COMPUTER NETWORK-POLICE		191.98	66630	8/14/19
DONS PIONEER UNIFORMS	UNIFORMS/POLICE-MARQUEZ		369.88	66632	8/14/19
EDMONDS, MAX	CLOTHING ALLOWANCE-EDMONDS		199.99	66701	8/29/19
IA LAW ENFORCEMENT ACADEMY	FIREARM CERT-JOSH DRISCOLL		150.00	66636	8/14/19
JONES AUTOMOTIVE, INC.	POLICE 2014 FORD EXP-ANTENNA	29.96		66642	8/14/19
JONES AUTOMOTIVE, INC.	POLICE'18 FORD EXP CAMERA REP	105.00		66642	8/14/19
JONES AUTOMOTIVE, INC.	POLICE'14 FORD EXP CAMERA REP	105.00	239.96	66642	8/14/19
KELTEK	POLICE-IMAGING SCANNER KIT		960.01	66704	8/29/19
KONICA MINOLTA BUSINESS	COPIER-POLICE		65.76	66643	8/14/19
MASTERCARD	HONEYMAN RENTAL-NAT'L NITE OUT		179.03	66646	8/14/19
MODERN MARKETING	POLICE BLK NITRILE GLOVES	805.44		66649	8/14/19
MODERN MARKETING	PD-COLORING TOTES,POCKETKNIFE	360.79		66649	8/14/19
MODERN MARKETING	POLICE-HALLOWEEN COLORING TOTE	360.79		66649	8/14/19
MODERN MARKETING	POLICE-SHIELD STICKERS	316.46	1,843.48	66649	8/14/19
NAT'L ASSOC OF TOWN WATCH	NAT'L NIGHT OUT GIVE AWAYS		1,380.00	66651	8/14/19
OFFICE DEPOT BUSINESS CREDIT	OFFICE SUPPLIES		137.95	66714	8/29/19
OPPD	UTILITIES		692.06	1322390	8/15/19
MATTHEW OWENS	UNIFORM ALLOWANCE-OWENS	110.74		66597	8/01/19
MATTHEW OWENS	K9 DOG FOOD	178.24	288.98	66689	8/21/19
STANARD & ASSOCIATES, INC	TESTING-POLICE		99.00	66662	8/14/19
SW IA LAW ENFORCEMENT CENTER	POLICE-RANGE DAY		120.00	66664	8/14/19
VERIZON WIRELESS	PHONES/WIFI CRUISERS	161.59		66668	8/14/19
VERIZON WIRELESS	POLICE/WIFI CRUISERS	280.07	441.66	66668	8/14/19
WEX BANK	FUEL		1,977.67	1322391	8/15/19
			=====		
	POLICE		15,059.26		
	FIRE				
BLACK HILLS ENERGY	UTILITIES		33.75	1322386	8/15/19
DANKO EMERGENCY EQUIPMENT	VEHICLE REPAIRS-FIRE		362.65	66699	8/29/19
DATASERV CORPORATION	COMPUTER NETWORK-FIRE DEPT		60.00	66630	8/14/19
INTERSTATE ALL BATTERY CENTER	FIRE DEPT-BLDG SUPPLIES		71.26	66640	8/14/19
KONICA MINOLTA PREM FINAN	FIRE DEPT COPIER		56.07	66705	8/29/19
MENARDS	FIRE DEPT-BLDG MAINT		267.59	66710	8/29/19
MUNICIPAL EMERGENCY SERVICES	FIRE DEPT-SUPPLIES FOAM		190.00	66712	8/29/19
OPPD	UTILITIES		413.74	1322390	8/15/19
P35 WELDING & FABRICATION	RETIREMENT FLAGS-FIRE DEPT		460.00	66716	8/29/19
PAPILLION SANITATION	DUMPSTERS-FIRE DEPT		50.31	66655	8/14/19
WEX BANK	FUEL		124.98	1322391	8/15/19
			=====		
	FIRE		2,090.35		
	AMBULANCE				
IOWA WESTERN COMM COLLEGE	TRAINING-EMS/T.OSTERHOUT	895.00		66607	8/08/19
IOWA WESTERN COMM COLLEGE	TRAINING-EMS/R.SUTTON	895.00		66607	8/08/19
IOWA WESTERN COMM COLLEGE	TRAINING - EMS FIRE	15.00	1,805.00	66703	8/29/19
NAPA AUTO PARTS	AMBULANCE BATTERIES		329.98	66650	8/14/19
459-PRAXAIR DISTRIBUTION INC	SUPPLIES-AMBULANCE		11.45	66657	8/14/19
VERIZON WIRELESS	PHONES/WIFI CRUISERS		44.92	66668	8/14/19

ACCOUNTS PAYABLE ACTIVITY

CLAIMS REPORT

8/01/2019 THRU 8/31/2019

VENDOR NAME	REFERENCE	INVOICE AMT	VENDOR TOTAL	CHECK#	CHECK DATE
	AMBULANCE		=====		
			2,191.35		
	BUILDING INSPECTOR				
BLACK HILLS ENERGY	UTILITIES		3.82	1322386	8/15/19
JDW MIDWEST	PRAXAIR BLDG ADDITION INSPECT		1,280.00	66641	8/14/19
OPPD	UTILITIES		61.06	1322390	8/15/19
VERIZON WIRELESS	PHONES/WIFI CRUISERS		26.83	66668	8/14/19
			=====		
	BUILDING INSPECTOR		1,371.71		
	ANIMAL CONTROL				
NEBRASKA HUMANE SOCIETY	CONTRACT-ANIMAL CONTROL	1,092.00		66652	8/14/19
NEBRASKA HUMANE SOCIETY	CONTRACT-ANIMAL CONTROL	469.00	1,561.00	66713	8/29/19
TRACTOR SUPPLY CREDIT PLAN	ANIMAL CONTROL CAGES		369.97	66665	8/14/19
VERIZON WIRELESS	PHONES/WIFI CRUISERS		26.83	66668	8/14/19
WEX BANK	FUEL		89.17	1322391	8/15/19
			=====		
	ANIMAL CONTROL		2,046.97		
	TRAFFIC				
OPPD	UTILITIES		125.11	1322390	8/15/19
			=====		
	TRAFFIC		125.11		
	WEED CONTROL				
MCWILLIAMS, TIMOTHY	WEED ABATEMENTS		405.00	66709	8/29/19
			=====		
	WEED CONTROL		405.00		
	LIBRARY				
SYNCB/AMAZON	LIBRARY BOOKS		1,509.09	66684	8/21/19
BLACK HILLS ENERGY	UTILITIES		33.75	1322386	8/15/19
COX BUSINESS SERVICES	TELEPHONE-LIBRARY	65.51		66685	8/21/19
COX BUSINESS SERVICES	TELEPHONE/INTERNET	96.00	161.51	1322388	8/15/19
DATASERV CORPORATION	SOFTWARE/DATABASES-LIBRARY		159.00	66630	8/14/19
DEMCO	OFFICE SUPPLIES-LIBRARY		222.51	66606	8/08/19
FOLLETT SCHOOL SOLUTIONS INC	Software Renewal/Library		744.83	66633	8/14/19
FONTENELLE FOREST	LIBRARY PROGRAM RAPTOROLOGY		150.00	66686	8/21/19
GREAT AMERICAN FINANCIAL SERV	LIBRARY COPIER		101.02	1322387	8/15/19
MENARDS	LIBRARY CONCRETE PATCH		6.99	66710	8/29/19
MICROMARKETING	LIBRARY BOOKS		65.98	66608	8/08/19
OPPD	UTILITIES		676.52	1322390	8/15/19
OVERDRIVE INC	BRIDGES AUDIO & E-BOOK		867.75	66610	8/08/19
PAPILLION SANITATION	BLD/GRDS LIBRARY DUMPSTER		44.24	66611	8/08/19
THE PENWORTHY COMPANY	BOOKS-LIBRARY	112.22		66612	8/08/19
THE PENWORTHY COMPANY	BOOKS-LIBRARY	259.37	371.59	66656	8/14/19
PETTY CASH	LIBRARY-POSTAGE		95.61	66718	8/29/19
QUILL CORPORATION	LIBRARY-BLDGS/GRDS		49.99	66720	8/29/19

ACCOUNTS PAYABLE ACTIVITY

CLAIMS REPORT

8/01/2019 THRU 8/31/2019

VENDOR NAME	REFERENCE	INVOICE AMT	VENDOR TOTAL	CHECK#	CHECK DATE
STATE LIBRARY OF IOWA	ENRICH IOWA	252.10		66613	8/08/19
STATE LIBRARY OF IOWA	BRIDGES AUDIO & E-BOOK	61.00	313.10	66613	8/08/19
			=====		
	LIBRARY		5,573.48		
	PARKS/RECREATION				
TREASURER, STATE OF IOWA	SALES TAX/Parks		318.50	1322378	8/19/19
SAM'S CLUB	SUPPLIES-PARKS CONCESSIONS		402.27	66660	8/14/19
SWANK MOVIE LICENSING	PARKS-MOVIE LICENSE		435.00	66724	8/29/19
WALKER, MICHAEL	MABREY PARK DEPOSIT REFUND		85.00	66614	8/08/19
			=====		
	PARKS/RECREATION		1,240.77		
	SENIOR CENTER				
ATLAS AWNING CO INC	SRCTR-REPLACE WINDOW/WIND BRK		300.00	66692	8/29/19
BLACK HILLS ENERGY	UTILITIES		69.14	1322386	8/15/19
COX BUSINESS SERVICES	TELEPHONE/INTERNET		53.60	1322388	8/15/19
CULLIGAN OF OMAHA	SUPPLIES-SEN CNTR 561860		64.56	66627	8/14/19
DOLLAR GENERAL-MSD 410526	SUPPLIES/SR CTR		127.07	66631	8/14/19
MIDWEST AUTO CENTER	SR CTR BUS #2 OIL PRESSURE REP	397.61		66648	8/14/19
MIDWEST AUTO CENTER	SR CTR VAN GEARSHIFT LINK REP	184.00		66648	8/14/19
MIDWEST AUTO CENTER	SR CTR BUS#1 & 2 REPAIRS	250.00		66648	8/14/19
MIDWEST AUTO CENTER	SRCTR-BUS#1 BRAKE REPAIR	208.19	1,039.80	66711	8/29/19
OLLIE THE TROLLEY	SR CTR TOUR	431.50		66609	8/08/19
OLLIE THE TROLLEY	SRCTR TOUR ADDITIONAL RIDERS	80.50	512.00	66683	8/20/19
OPPD	UTILITIES		393.27	1322390	8/15/19
PETTY CASH/LINDA TICE	SR CTR SUPPLIES		163.34	66719	8/29/19
SAM'S CLUB	SUPPLIES-SR CTR		290.11	66660	8/14/19
UNITED RENT-ALL	SRCTR BDAY NIGHT CASINO RENTAL		104.68	66726	8/29/19
WEX BANK	FUEL		168.72	1322391	8/15/19
			=====		
	SENIOR CENTER		3,286.29		
	LEGISLATIVE				
DAILY NONPAREIL	PUBLICATIONS/ADMIN ACCT		278.36	66629	8/14/19
			=====		
	LEGISLATIVE		278.36		
	EXECUTIVE				
BLACK HILLS ENERGY	UTILITIES		3.82	1322386	8/15/19
CUMBERLEDGE, RON	PHONE REIMBURSEMENT		50.00	66628	8/14/19
OPPD	UTILITIES		61.06	1322390	8/15/19
			=====		
	EXECUTIVE		114.88		
	ADMINISTRATIVE				
SYNCB/AMAZON	OFFICE SUPPLIES-ADMIN		21.79	66691	8/29/19
AUTOMATED PRINTING INC	SUPPLIES/ADMIN-CHECKS		370.36	66616	8/14/19
BLACK HILLS ENERGY	UTILITIES		24.85	1322386	8/15/19

ACCOUNTS PAYABLE ACTIVITY

CLAIMS REPORT

8/01/2019 THRU 8/31/2019

VENDOR NAME	REFERENCE	INVOICE AMT	VENDOR TOTAL	CHECK#	CHECK DATE
DEPT OF MOTOR VEHICLES	9 COPIES OF DRIVING RECORDS		27.00	66595	8/01/19
DOLLAR GENERAL-MSC 410526	SUPPLIES/ADMIN		4.54	66631	8/14/19
IOWA LEAGUE OF CITIES	Member Dues/Admin		2,139.00	66637	8/14/19
IA COMMUNITIES ASSURANCE POOL	ANNUAL INSURANCE CONTRIB,		16.00	66596	8/01/19
KONICA MINOLTA BUSINESS	COPIER-CITY HALL		70.91	66643	8/14/19
OFFICE DEPOT BUSINESS CREDIT	OFFICE SUPPLIES		142.75	66714	8/29/19
OPPD	UTILITIES		264.61	1322390	8/15/19
PEOPLESERVICE, INC	NEWSLETTER PRINTING		963.00	66717	8/29/19
RESERVE ACCOUNT	Postage Reserve Acct 40752198		250.00	66690	8/21/19
RASMUSSEN MECH. SVS	MAINTENANCE AGREEMENT		3,386.00	66658	8/14/19
TIMOTHY MANDOLFO	BUSINESS CARDS-J.CARL		60.00	66663	8/14/19
			=====		
	ADMINISTRATIVE		7,740.81		
	CITY HALL				
SYNCB/AMAZON	SUPPLIES-JANITORIAL		31.63	66691	8/29/19
BLACK HILLS ENERGY	UTILITIES		89.85	1322386	8/15/19
BLUFFS ELECTRIC, INC.	CITY HALL-LIGHTING CTRL PANEL		112.00	66619	8/14/19
BUG-Z TERMITE/PEST CNTRL	PEST CONTROL		107.00	66696	8/29/19
COX BUSINESS SERVICES	TELEPHONE/INTERNET		659.34	1322388	8/15/19
DATASERV CORPORATION	COMPUTER NETWORK-OFFICE 365	154.30		66630	8/14/19
DATASERV CORPORATION	COMPUTER NETWORK-ONLINE BACKUP	159.00	313.30	66630	8/14/19
MENARDS	REBAR-CONCRETE REP/CITY HALL		108.90	66710	8/29/19
OMAHA COMPOUND COMPANY	JANITORIAL SUPPLIES		62.96	66715	8/29/19
OPPD	UTILITIES		956.67	1322390	8/15/19
READY MIXED CONCRETE CO.	REPAIR TO FRONT OF CITY HALL		934.36	66721	8/29/19
ROCHESTER MIDLAND CORP	CHEMICALS TO FLUSH HVAC	897.45		66722	8/29/19
ROCHESTER MIDLAND CORP	FLOWMAX HOUSING/FILTER-HVAC	649.65	1,547.10	66722	8/29/19
WEBSITES TO IMPRESS	WEBSITE		240.00	66670	8/14/19
			=====		
	CITY HALL		5,163.11		
	MISC				
AUXIANT	Insurance Admin Fee		150.00	1322369	8/01/19
BOYS & GIRLS CLUB OF MIDLANDS	22 MEMBERSHIPS @ \$30 EACH		660.00	66695	8/29/19
CHI HEALTH CLINIC	RANDOM DRUG SCREEN		40.00	66624	8/14/19
HANEY SHOE STORE	SAFETY SHOES-R.FISHER		97.99	66702	8/29/19
NOVA FITNESS EQUIPMENT	FITNESS EQUIPMENT-WORKOUT RM		14,718.11	66653	8/14/19
WELLMARK BLUE CROSS BLUE	ANNUAL ADMIN FEE		200.00	66671	8/14/19
			=====		
	MISC		15,866.10		
			=====		
	GENERAL		119,168.56		
	COMMUNITY CENTER				
	COMM CENTER CIP				
BCDM ARCHITECTS	COMMUNITY CTR MASTER PLAN		10,300.00	66693	8/29/19

ACCOUNTS PAYABLE ACTIVITY

CLAIMS REPORT

8/01/2019 THRU 8/31/2019

VENDOR NAME	REFERENCE	INVOICE AMT	VENDOR TOTAL	CHECK#	CHECK DATE
	COMM CENTER CIP		=====		
			10,300.00		
	COMMUNITY CENTER		=====		
			10,300.00		
	PARKS HOTEL/MOTEL				
	LIABILITIES				
COLONIAL INSURANCE CO	COLONIAL INS	54.33		66678	8/16/19
COLONIAL INSURANCE CO	COLONIAL INS	54.33	108.66	66678	8/16/19
DELTA DENTAL OF IOWA	DENTAL INS	43.68		1322374	8/16/19
DELTA DENTAL OF IOWA	DENTAL INS	43.68	87.36	1322374	8/16/19
FED/FICA TAXES	FED/FICA TAX	1,395.37		1322361	8/02/19
FED/FICA TAXES	FED/FICA TAX	1,462.97		1322371	8/16/19
FED/FICA TAXES	FED/FICA TAX	1,281.37	4,139.71	1322381	8/30/19
IPERS	IPERS	702.55		1322382	8/30/19
IPERS	IPERS	740.29		1322382	8/30/19
IPERS	IPERS	682.23	2,125.07	1322382	8/30/19
GIS BENEFITS	LIFE INSURANCE	10.80		1322373	8/16/19
GIS BENEFITS	LIFE INSURANCE	10.80	21.60	1322373	8/16/19
TREASURER, STATE OF IOWA	STATE TAXES	202.00		1322383	8/30/19
TREASURER, STATE OF IOWA	STATE TAXES	209.00		1322383	8/30/19
TREASURER, STATE OF IOWA	STATE TAX	180.00	591.00	1322383	8/30/19
WELLMARK BLUE CROSS AND	MEDICAL INS	178.36		1322372	8/16/19
WELLMARK BLUE CROSS AND	MEDICAL INS	178.36	356.72	1322372	8/16/19
	LIABILITIES		=====		
			7,430.12		
	PARKS/RECREATION				
BLACK HILLS ENERGY	UTILITIES		3.82	1322386	8/15/19
COX BUSINESS SERVICES	TELEPHONE/INTERNET		54.72	1322388	8/15/19
FED/FICA TAXES	FED/FICA TAXES		1,703.29	1322361	8/02/19
LOVELAND GRASS PAD	PARKS-WEED KILLER/GRASS SEED		282.85	66707	8/29/19
MANUEL TIRE SHOP	PARKS-TIRE REPAIR/KUBOTA	9.00		66708	8/29/19
MANUEL TIRE SHOP	PARKS-TIRE REPAIR	10.00	19.00	66708	8/29/19
MENARDS	SUPPLIES-PARKS	44.85		66647	8/14/19
MENARDS	PARKS-SPRINKLER HEADS	50.85		66710	8/29/19
MENARDS	PARKS-MOWER OIL FILTERS	34.92	130.62	66710	8/29/19
OPPD	UTILITIES		1,297.10	1322390	8/15/19
PAPILLION SANITATION	DUMPSTERS-PARKS		50.32	66655	8/14/19
VERIZON WIRELESS	PHONES/WIFI CRUISERS		71.75	66668	8/14/19
WEX BANK	FUEL		681.09	1322391	8/15/19
	PARKS/RECREATION		=====		
			887.98		
	PARKS HOTEL/MOTEL		=====		
			8,318.10		
	AMBULANCE FEES				
	AMBULANCE				

ACCOUNTS PAYABLE ACTIVITY

CLAIMS REPORT

8/01/2019 THRU 8/31/2019

VENDOR NAME	REFERENCE	INVOICE AMT	VENDOR TOTAL	CHECK#	CHECK DATE
EMS BILLING SERVICES, INC	BILLING/AMBULANCE INV		442.18	1322385	8/15/19
			=====		
	AMBULANCE		442.18		
			=====		
	AMBULANCE FEES		442.18		
	ROAD USE TAX				
	LIABILITIES				
FED/FICA TAXES	FED/FICA TAX	382.97		1322361	8/02/19
FED/FICA TAXES	FED/FICA TAX	382.97		1322371	8/16/19
FED/FICA TAXES	FED/FICA TAX	382.97	1,148.91	1322381	8/30/19
IPERS	IPERS	266.39		1322382	8/30/19
IPERS	IPERS	266.39		1322382	8/30/19
IPERS	IPERS	266.39	799.17	1322382	8/30/19
GIS BENEFITS	LIFE INSURANCE	4.05		1322373	8/16/19
GIS BENEFITS	LIFE INSURANCE	4.05	8.10	1322373	8/16/19
TREASURER, STATE OF IOWA	STATE TAXES	76.50		1322383	8/30/19
TREASURER, STATE OF IOWA	STATE TAXES	76.50		1322383	8/30/19
TREASURER, STATE OF IOWA	STATE TAX	76.50	229.50	1322383	8/30/19
			=====		
	LIABILITIES		2,185.68		
	ROAD USE				
BLACK HILLS ENERGY	UTILITIES		34.75	1322386	8/15/19
BMAK	CONCRETE PICKED UP	239.08		66694	8/29/19
BMAK	CONCRETE-RECYCLED CRUSHED	47.82	286.90	66694	8/29/19
BOBCAT OF OMAHA	EQUIP REPAIR/MAINT-EXCAVATOR		969.99	66620	8/14/19
ECHO GROUP INC	COVER FOR ST LIGHT ELEC PANEL		86.00	66700	8/29/19
GWORKS	SIMPLECITY-GIS PROGRAM		5,832.75	66682	8/20/19
IA MUNICIPALITIES WORKERS COMP	WORKERS COMP PREMIUM		268.52	66639	8/14/19
LOGAN CONTRACTORS SUPPLY	ST MAINT-ADA PAVERS		634.60	66706	8/29/19
MARK HYDRAULIC CO, INC	QUOTE FOR BOBCAT CYLINDER		45.00	66645	8/14/19
MENARDS	SUPPLIES-ST MAINT	550.62		66647	8/14/19
MENARDS	LINDWOOD FENCE REPAIR	34.47		66710	8/29/19
MENARDS	MAINT SUPPLIES	132.96	718.05	66710	8/29/19
NAPA AUTO PARTS	MAINT '90 F250 DRUM BRAKES		45.99	66650	8/14/19
OMAHA COMPOUND COMPANY	MAINT SUPPLIES		218.32	66654	8/14/19
OPPD	UTILITIES		313.09	1322390	8/15/19
PAPILLION SANITATION	DUMPSTERS	140.00		66655	8/14/19
PAPILLION SANITATION	DUMPSTERS-MAINTENANCE	50.31	190.31	66655	8/14/19
459-PRAXAIR DISTRIBUTION INC	SUPPLIES - MAINT	29.45		66657	8/14/19
459-PRAXAIR DISTRIBUTION INC	SUPPLIES-MAINT	18.30	47.75	66657	8/14/19
READY MIXED CONCRETE CO.	CONCRETE-11 WILLOW DRIVE	789.78		66659	8/14/19
READY MIXED CONCRETE CO.	CONCRETE 9TH & AVE J	1,358.28	2,148.06	66721	8/29/19
SOIL DYNAMICS COMPOSTING	TREE COMPOSTING	40.00		66599	8/01/19
SOIL DYNAMICS COMPOSTING	TREE COMPOSTING	40.00		66661	8/14/19
SOIL DYNAMICS COMPOSTING	TREE COMPOSTING	120.00		66661	8/14/19
SOIL DYNAMICS COMPOSTING	COMPOSTING TREES	40.00	240.00	66723	8/29/19
TY'S OUTDOOR POWER INC	MAINT-CHAIN SAW REPAIR	67.92		66666	8/14/19
TY'S OUTDOOR POWER INC	CONCRETE SAW-MAINTENANCE	1,407.93	1,475.85	66666	8/14/19

ACCOUNTS PAYABLE ACTIVITY

CLAIMS REPORT

VENDOR NAME	REFERENCE	INVOICE AMT	VENDOR TOTAL	CHECK#	CHECK DATE
VERIZON WIRELESS	PHONES/WIFI CRUISERS		143.12	66668	8/14/19
WEX BANK	FUEL		557.87	1322391	8/15/19
			=====		
	ROAD USE		14,256.92		
	STREET LIGHTS				
OPPD	UTILITIES		11,652.38	1322390	8/15/19
			=====		
	STREET LIGHTS		11,652.38		
			=====		
	ROAD USE TAX		28,094.98		
	EMPLOYEE BENEFITS				
	POLICE				
AUXIANT	HEALTH INS/Police	175.00		1322370	8/06/19
AUXIANT	HEALTH INS/Police	76.27		1322376	8/13/19
AUXIANT	HEALTH INS/Police	415.27	666.54	1322393	8/27/19
DELTA DENTAL OF IOWA	Dental Insurance/Police		29.12	1322374	8/16/19
IA MUNICIPALITIES WORKERS COMP	WORKERS COMP PREMIUM		824.32	66639	8/14/19
GIS BENEFITS	LIFE INSURANCE/Police		10.80	1322373	8/16/19
WELLMARK BLUE CROSS AND	Health Insurance/Police		412.11	1322372	8/16/19
			=====		
	POLICE		1,942.89		
	FIRE				
IA MUNICIPALITIES WORKERS COMP	WORKERS COMP PREMIUM		1,040.20	66639	8/14/19
			=====		
	FIRE		1,040.20		
	BUILDING INSPECTOR				
IA MUNICIPALITIES WORKERS COMP	WORKERS COMP PREMIUM		39.48	66639	8/14/19
			=====		
	BUILDING INSPECTOR		39.48		
	ANIMAL CONTROL				
IA MUNICIPALITIES WORKERS COMP	WORKERS COMP PREMIUM		6.44	66639	8/14/19
			=====		
	ANIMAL CONTROL		6.44		
	LIBRARY				
IA MUNICIPALITIES WORKERS COMP	WORKERS COMP PREMIUM		54.60	66639	8/14/19
			=====		
	LIBRARY		54.60		
	PARKS/RECREATION				

ACCOUNTS PAYABLE ACTIVITY

CLAIMS REPORT

8/01/2019 THRU 8/31/2019

VENDOR NAME	REFERENCE	INVOICE AMT	VENDOR TOTAL	CHECK#	CHECK DATE
FED/FICA TAXES	FED/FICA TAXES		551.61-	1322361	8/02/19
IA MUNICIPALITIES WORKERS COMP	WORKERS COMP PREMIUM		350.00	66639	8/14/19
			=====		
	PARKS/RECREATION		201.61-		
	SENIOR CENTER				
IA MUNICIPALITIES WORKERS COMP	WORKERS COMP PREMIUM		42.00	66639	8/14/19
			=====		
	SENIOR CENTER		42.00		
	LEGISLATIVE				
IA MUNICIPALITIES WORKERS COMP	WORKERS COMP PREMIUM		2.24	66639	8/14/19
			=====		
	LEGISLATIVE		2.24		
	ADMINISTRATIVE				
IA MUNICIPALITIES WORKERS COMP	WORKERS COMP PREMIUM		89.88	66639	8/14/19
			=====		
	ADMINISTRATIVE		89.88		
			=====		
	EMPLOYEE BENEFITS		3,016.12		
	WATER REVENUE				
	LIABILITIES				
COLONIAL INSURANCE CO	COLONIAL INS	56.67		66678	8/16/19
COLONIAL INSURANCE CO	COLONIAL INS	56.67	113.34	66678	8/16/19
DELTA DENTAL OF IOWA	DENTAL INS	32.76		1322374	8/16/19
DELTA DENTAL OF IOWA	DENTAL INS	32.76	65.52	1322374	8/16/19
FED/FICA TAXES	FED/FICA TAX	426.23		1322361	8/02/19
FED/FICA TAXES	FED/FICA TAX	398.50		1322371	8/16/19
FED/FICA TAXES	FED/FICA TAX	498.35	1,323.08	1322381	8/30/19
IPERS	IPERS	317.49		1322382	8/30/19
IPERS	IPERS	299.83		1322382	8/30/19
IPERS	IPERS	332.87	950.19	1322382	8/30/19
GIS BENEFITS	LIFE INSURANCE	8.39		1322373	8/16/19
GIS BENEFITS	LIFE INSURANCE	8.40	16.79	1322373	8/16/19
TREASURER, STATE OF IOWA	STATE TAXES	72.00		1322383	8/30/19
TREASURER, STATE OF IOWA	STATE TAXES	66.00		1322383	8/30/19
TREASURER, STATE OF IOWA	STATE TAX	86.50	224.50	1322383	8/30/19
WELLMARK BLUE CROSS AND	MEDICAL INS	563.52		1322372	8/16/19
WELLMARK BLUE CROSS AND	MEDICAL INS	563.51	1,127.03	1322372	8/16/19
			=====		
	LIABILITIES		3,820.45		
	WATER				
AUXIANT	HEALTH INS/Water	340.22		1322380	8/20/19
AUXIANT	HEALTH INS/Water	486.57	826.79	1322393	8/27/19

ACCOUNTS PAYABLE ACTIVITY

CLAIMS REPORT

8/01/2019 THRU 8/31/2019

VENDOR NAME	REFERENCE	INVOICE AMT	VENDOR TOTAL	CHECK#	CHECK DATE
COUNCIL BLUFFS WATER WORKS	WATER TESTING		100.00	66623	8/14/19
GWORKS	SIMPLECITY-GIS PROGRAM		5,832.75	66682	8/20/19
TREASURER, STATE OF IOWA	SALES TAX/Water Admin Fee		347.40	1322378	8/19/19
TREASURER, STATE OF IOWA	WATER EXCISE TAX		2,928.86	1322379	8/19/19
IA MUNICIPALITIES WORKERS COMP	WORKERS COMP PREMIUM		37.80	66639	8/14/19
MUD	WATER ACCT 112000331048		18,975.36	1322389	8/15/19
PEOPLESERVICE, INC	CONTRACT		9,557.74	66717	8/29/19
UTILITY EQUIPMENT CO	MAGNET TO PULL MANHOLE VALVE	235.00		66667	8/14/19
UTILITY EQUIPMENT CO	PLUG FOR HYDRANT	33.61		66725	8/29/19
UTILITY EQUIPMENT CO	REPAIR FOR HYDRANT	128.81	397.42	66725	8/29/19
WEX BANK	FUEL		143.43	1322391	8/15/19
			=====		
	WATER		39,147.55		
			=====		
	WATER REVENUE		42,968.00		
	SEWER REVENUE				
	LIABILITIES				
COLONIAL INSURANCE CO	COLONIAL INS	11.16		66678	8/16/19
COLONIAL INSURANCE CO	COLONIAL INS	11.16	22.32	66678	8/16/19
DELTA DENTAL OF IOWA	DENTAL INS	32.76		1322374	8/16/19
DELTA DENTAL OF IOWA	DENTAL INS	3.64	36.40	1322374	8/16/19
FED/FICA TAXES	FED/FICA TAX	764.52		1322361	8/02/19
FED/FICA TAXES	FED/FICA TAX	835.59		1322371	8/16/19
FED/FICA TAXES	FED/FICA TAX	589.16		1322381	8/30/19
FED/FICA TAXES	FED/FICA TAX VOIDED	119.31-	2,069.96	1322381	8/30/19
IPERS	IPERS	495.15		1322382	8/30/19
IPERS	IPERS	466.57		1322382	8/30/19
IPERS	IPERS	385.21	1,346.93	1322382	8/30/19
LIBERTY NATIONAL	LIBERTY NATIONA	18.62		66681	8/16/19
LIBERTY NATIONAL	LIBERTY NATIONA	18.62	37.24	66681	8/16/19
GIS BENEFITS	LIFE INSURANCE	13.79		1322373	8/16/19
GIS BENEFITS	LIFE INSURANCE	2.98	16.77	1322373	8/16/19
TREASURER, STATE OF IOWA	STATE TAXES	114.00		1322383	8/30/19
TREASURER, STATE OF IOWA	STATE TAXES	119.00		1322383	8/30/19
TREASURER, STATE OF IOWA	STATE TAX	81.50	314.50	1322383	8/30/19
WELLMARK BLUE CROSS AND	MEDICAL INS	462.06		1322372	8/16/19
WELLMARK BLUE CROSS AND	MEDICAL INS	22.42	484.48	1322372	8/16/19
			=====		
	LIABILITIES		4,328.60		
	SEWER				
BACKLUND PLUMBING	HYDRO EXCAVATE SEWER MAIN		750.00	66618	8/14/19
BLUFFS ELECTRIC, INC.	7TH & WOOD PUMP STATION REPAIR		5,886.00	66619	8/14/19
CITY OF OMAHA CASHIER	SEWER BILLING APRIL 2019	37,828.19		66626	8/14/19
CITY OF OMAHA CASHIER	SEWER-NORTH PUMP AGREE/APR '19	123.06		66626	8/14/19
CITY OF OMAHA CASHIER	SEWER/PUMP AGREEMENT APRIL '19	1,212.48		66626	8/14/19
CITY OF OMAHA CASHIER	SEWER-CL N.PUMP AGREE-MAY 2019	115.21		66697	8/29/19
CITY OF OMAHA CASHIER	SEWER-CL WELL PUMP AGREE-MAY19	1,746.60		66697	8/29/19
CITY OF OMAHA CASHIER	SEWER BILLING MAY 2019	34,379.51	75,405.05	66697	8/29/19

ACCOUNTS PAYABLE ACTIVITY CLAIMS REPORT

8/01/2019 THRU 8/31/2019

VENDOR NAME	REFERENCE	INVOICE AMT	VENDOR TOTAL	CHECK#	CHECK DATE
COX BUSINESS SERVICES	TELEPHONE-SEWER 1	27.36		66698	8/29/19
COX BUSINESS SERVICES	TELEPHONE/INTERNET	137.37	164.73	1322388	8/15/19
DELTA DENTAL OF IOWA	Dental Insurance/Sewer		29.12	1322374	8/16/19
QWORKS	SIMPLECITY-GIS PROGRAM		5,834.50	66682	8/20/19
HOTSY EQUIPMENT CO	SEWER SUPPLIES-HOTSY WAND		177.48	66634	8/14/19
HUTCHESON ENGINEERING PRODUCTS	PUMP FOR LAGOON DRIVE		2,574.64	66635	8/14/19
TREASURER, STATE OF IOWA	SALES TAX/Sewer		718.34	1322378	8/19/19
IA MUNICIPALITIES WORKERS COMP	WORKERS COMP PREMIUM		44.52	66639	8/14/19
LAMP RYNEARSON & ASSOCIATES	ENGINEER FEES-SEWER STUDY		6,844.18	66644	8/14/19
GIS BENEFITS	LIFE INSURANCE/Sewer		10.80	1322373	8/16/19
NAPA AUTO PARTS	08 CHEVY 4X4 BATTERY-SEWER	157.99		66650	8/14/19
NAPA AUTO PARTS	MAINT-MISC BATTERIES SEWER	409.97		66650	8/14/19
NAPA AUTO PARTS	FUSES-LAGOON PUMP STATION	70.57	638.53	66687	8/21/19
OPPD	UTILITIES		2,842.13	1322390	8/15/19
UTILITY EQUIPMENT CO	RISER FOR MANHOLE-SEWER		1,230.50	66667	8/14/19
WELLMARK BLUE CROSS AND	Health Insurance/Sewer		439.64	1322372	8/16/19
WEX BANK	FUEL		715.64	1322391	8/15/19
			=====		
	SEWER		104,305.80		
			=====		
	SEWER REVENUE		108,634.40		
	GARBAGE FEES				
	GARBAGE				
TREASURER, STATE OF IOWA	SALES TAX/Garbage		1.12	1322378	8/19/19
IA WASTE SERVICES LLC	LANDFILL TONAGE		3,252.12	66638	8/14/19
WASTE CONNECTIONS FKA RR WASTE	GARBAGE COLLECTION		10,704.30	66669	8/14/19
			=====		
	GARBAGE		13,957.54		
			=====		
	GARBAGE FEES		13,957.54		
	VILLAGE POST OFFICE				
	VILLAGE POST OFFICE				
USPS - US POSTAL SERVICE	POSTAGE/POST OFFICE		1,127.30	1322377	8/13/19
			=====		
	VILLAGE POST OFFICE		1,127.30		
			=====		
	VILLAGE POST OFFICE		1,127.30		
			=====		
	TOTAL ACCOUNTS PAYABLE CHECKS		336,027.18		

PAYROLL CHECKS

001 GENERAL

1,694.49

ACCOUNTS PAYABLE ACTIVITY

CLAIMS REPORT

8/01/2019 THRU 8/31/2019

FUND	FUND NAME	INVOICE AMT	VENDOR TOTAL	CHECK#	CHECK DATE
			=====		
	PAYROLL CHECKS ON 8/01/2019		1,694.49		
001	GENERAL		23,027.14		
004	PARKS HOTEL/MOTEL		4,442.17		
110	ROAD USE TAX		1,257.11		
600	WATER REVENUE		1,316.43		
610	SEWER REVENUE		2,278.70		
			=====		
	PAYROLL CHECKS ON 8/02/2019		32,321.55		
001	GENERAL		23,924.48		
004	PARKS HOTEL/MOTEL		4,663.71		
110	ROAD USE TAX		1,257.11		
600	WATER REVENUE		1,236.32		
610	SEWER REVENUE		2,151.82		
			=====		
	PAYROLL CHECKS ON 8/16/2019		33,233.44		
001	GENERAL		23,935.62		
004	PARKS HOTEL/MOTEL		4,210.91		
110	ROAD USE TAX		1,257.11		
600	WATER REVENUE		1,560.02		
610	SEWER REVENUE		1,811.56		
			=====		
	PAYROLL CHECKS ON 8/30/2019		32,775.22		
			=====		
	TOTAL PAYROLL CHECKS		100,024.70		
			=====		
****	PAID TOTAL ****		436,051.88		
			=====		
*****	REPORT TOTAL *****		436,051.88		
			=====		

ACCOUNTS PAYABLE ACTIVITY
CLAIMS DEPT SUMMARY

DEPT	DEPT NAME	INVOICE AMT	TOTAL	CHECK#	DATE
	LIABILITIES		74,379.86		
	POLICE		61,396.26		
	FIRE		7,304.24		
	AMBULANCE		2,633.53		
	BUILDING INSPECTOR		2,668.31		
	ANIMAL CONTROL		2,621.19		
	ROAD USE		18,028.25		
	STREET LIGHTS		11,652.38		
	TRAFFIC		125.11		
	WEED CONTROL		405.00		
	LIBRARY		12,819.34		
	PARKS/RECREATION		15,243.93		
	COMM CENTER CIP		10,300.00		
	SENIOR CENTER		8,075.28		
	LEGISLATIVE		1,103.92		
	EXECUTIVE		986.05		
	ADMINISTRATIVE		16,250.35		
	CITY HALL		5,299.74		
	MISC		15,866.10		
	WATER		43,260.32		
	SEWER		110,547.88		
	GARBAGE		13,957.54		
	VILLAGE POST OFFICE		1,127.30		

**CITY OF CARTER LAKE
RECEIPTS
AUGUST 2019**

GENERAL FUND	126,149.61
COMMUNITY CENTER FUND	62,512.71
PARKS HOTEL/MOTEL FUND	100,020.34
LIBRARY RESERVE FUND	9.85
E OMAHA DD #21 FUND	0.47
AMBULANCE FEES FUND	4,280.68
POLICE RESERVE UNIT FUND	75.00
CASINO - PONCA TRIBE FUND	125,000.00
ROAD USE TAX FUND	54,694.29
LOCAL OPTION TAX FUND	19,588.58
POLICE FORFEITURE FUND	0.61
WATER REVENUE FUND	56,524.94
WATER RESERVE FUND	250.00
WATER DEPOSITS FUND	966.22
SEWER REVENUE FUND	57,588.45
GARBAGE FEES FUND	7,926.66
VILLAGE POST OFFICE FUND	166.67
TOTAL REVENUE BY FUND	\$ 615,755.08

OVERTIME AND COMPTIME REPORT

August 9, 2019

MAINTENANCE OVERTIME

		<u>HOURS</u>	<u>AMOUNTS</u>
BRIAN KRUG			
07/30/19	Pump down on Wood Ave	2	\$ 44.50
TOTAL MAINT OVERTIME:		2	\$ 44.50

POLICE OVERTIME

		<u>HOURS</u>	<u>AMOUNTS</u>
BARB BENNETT			
08/06/19	National Night Out	2	\$ 46.80
GARY CHAMBERS			
07/31/19	Range	1/2	21.83
08/03/19	Cover shift	4	174.66
08/06/19	National Night Out	4	174.66
		8 1/2	\$ 371.15
JOSH DRISCOLL			
08/02/19	Cover shift	6	275.04
08/06/19	National Night Out	4	183.36
		10	\$ 458.40
JACOB HUSCROFT			
08/05/19	Early call	1/2	17.62
08/07/19	Late call	1	35.24
		1 1/2	\$ 52.86
MARCOS MARQUEZ			
08/04/19	Cover shift	6	\$ 211.44
MATT OWENS			
7/27 to 8/9	1/2 hr x 6 days / Dog Maintenance	3	\$ 113.94
TOTAL POLICE OVERTIME:		31	\$ 1,254.59

LIBRARY OVERTIME:

		<u>HOURS</u>	<u>AMOUNTS</u>
GENEVIEVE HAWKINS			
08/09/19		1	25.50
TOTAL LIBRARY OVERTIME:		1	\$ 25.50

PARKS DEPT OVERTIME

		<u>HOURS</u>	<u>AMOUNTS</u>
MARK MURRAY			
07/30/19		1/4	\$ 8.25
ZACK SILLIK			
08/02/19		1/2	\$ 7.50
TOTAL PARKS OVERTIME:		3/4	\$ 15.75
TOTAL ALL OVERTIME:		34 3/4	\$ 1,340.34

COMPTIME EARNED:

		<u>HOURS</u>
JACOB HUSCROFT		
08/08/19	Cover shift	6 = 9
MARCOS MARQUEZ		
08/06/19	National Night Out	3 1/4
08/07/19	Cover shift	3
		6 1/4 = 9 1/2
MATTHEW SEWING		
08/01/19		1.25
08/07/19		1
		2 1/4 = 3 1/2
ADAM SWINARSKI		
08/03/19		2 = 3
TOTAL COMPTIME EARNED:		25 HRS

OVERTIME AND COMPTIME REPORT

August 9, 2019

COMPTIME USED:

	<u>HOURS</u>
JOSH DRISCOLL 07/28/19	4
JACOB HUSCROFT 07/27/19	5
MARCOS MARQUEZ 08/09/19	10

TOTAL COMPTIME USED:	<u>19 HRS</u>
-----------------------------	----------------------

COMPTIME BALANCES:

	<u>HOURS</u>
GARY CHAMBERS	15 3/4
JOSH DRISCOLL	10 1/2
MAX EDMONDS	17 1/4
RYAN GONSIOR	43 3/4
JACOB HUSCROFT	61
MARCOS MARQUEZ	26 1/2
MATT OWENS	15 1/4
MATTHEW SEWING	34 1/2
ADAM SWINARSKI	5

TOTAL COMP BALANCES:	<u>229.50</u>
-----------------------------	----------------------

ADMIN BALANCES:

	<u>HOURS</u>
SHAWN KANNEDY	80

OVERTIME AND COMPTIME REPORT

August 23, 2019

<u>MAINTENANCE OVERTIME</u>		<u>HOURS</u>	<u>AMOUNTS</u>
BRIAN KRUG			
08/11/19	Pumps	2 1/4	50.05
08/21/19	Pumps	2	44.49
		4 1/4	\$ 94.54
RANDY SMITH			
08/11/19	Pumps	2	49.92
08/12/19	Pumps	2 3/4	68.64
08/19/19	Ave H pumpstation	2	49.92
08/21/19	Pumps	5 1/2	137.28
		12 1/4	\$ 305.76
TOTAL MAINT OVERTIME:		16 1/2	\$ 400.30
<u>POLICE OVERTIME</u>		<u>HOURS</u>	<u>AMOUNTS</u>
MATT OWENS			
8/10 to 8/23	1/2 hr x 6 days / Dog Maintenance	3	\$ 113.94
TOTAL POLICE OVERTIME:		3	\$ 113.94
<u>LIBRARY OVERTIME:</u>		<u>HOURS</u>	<u>AMOUNTS</u>
GENEVIEVE HAWKINS			
08/16/19		1 1/2	38.25
TOTAL LIBRARY OVERTIME:		1 1/2	\$ 38.25
<u>FIRE DEPT OVERTIME:</u>		<u>HOURS</u>	<u>AMOUNTS</u>
PHILLIP NEWTON			
08/16/19	Take truck to Sydney Ne for repairs	2 1/4	75.17
08/23/19	Pick up aerial truck from Danko	1 1/2	50.12
		3 3/4	\$ 125.29
TOTAL FIRE DEPT OVERTIME:		3 3/4	\$ 125.29
TOTAL ALL OVERTIME:		24 3/4	\$ 677.78
<u>COMPTIME EARNED:</u>		<u>HOURS</u>	
MARCOS MARQUEZ			
08/11/19		1/2	
08/15/19		1/4	
08/19/19		1/4	
08/23/19		1	
		2 = 3	
TOTAL COMPTIME EARNED:		3 HRS	
<u>COMPTIME USED:</u>		<u>HOURS</u>	
GARY CHAMBERS			
08/12/19		1 1/2	
08/13/19		8	
		9 1/2	
MARCOS MARQUEZ			
08/09/19		10	
TOTAL COMPTIME USED:		19 1/2 HRS	
<u>COMPTIME BALANCES:</u>		<u>HOURS</u>	
GARY CHAMBERS		6 1/4	
JOSH DRISCOLL		10 1/2	
MAX EDMONDS		17 1/4	
RYAN GONSIOR		43 3/4	
JACOB HUSCROFT		52	
MARCOS MARQUEZ		29 1/2	
MATT OWENS		5 1/4	
MATTHEW SEWING		34 1/2	
ADAM SWINARSKI		5	
TOTAL COMP BALANCES:		204.00	
<u>ADMIN BALANCES:</u>		<u>HOURS</u>	
SHAWN KANNEDY		80	

Library Board Meeting
Brooks-Fennell Multi-Purpose Room
August 26, 2019
6:00 p.m.

Attendees: Bonnie Freeman, Viki Hawkins, Patti Midkiff, Delbert Settles and Tyke Darveaux. Library Director Theresa Hawkins, Assistant Director Genevieve Hawkins. Absent: Jo Chullino and Donna Callender.
Bonnie called the meeting to order.

Minutes: Delbert made the motion to accept the July 2019 minutes. Tyke seconded. Motion passed.

Financial Report: Delbert make the motion to accept the July 2019 report. Tyke seconded. Motion passed.

Action on Bills: Delbert made the motion to approve the bills. Viki seconded. Motion passed.

Librarian' Report: Viki made the motion to accept the report. Delbert seconded. Motion passed.

July 2019 Statistics

Door Count	766
Circulation	1112
Patron Computer Usage	203
WIFI Usage (Patron Devices)	140
Materials added to Collection	43
Materials deleted from Collection	5
New Adult Cards	10
New Juvenile Cards	3
Makerspace Usage	73 Juvenile
SRP	83 Juvenile
Book Club	10 Adults
Homebound Service	1
Notary	1
Tech Help	6
Lauritzen Garden Pass	5 checkouts
Fontenelle Forest	5 checkouts

Other Meetings/Events

Tutor	4 Adults/3 Juvenile
Supervised Visits	5 Adults 4 Juvenile
Coffee Club	32 Adults
Seniors/Boys & Girls Club	3 Adults 11 Juvenile

Summer Reading Program Stats:

Top 10 readers read 438 books.

Top reader under 10 year was Cash R.

Top reader over 10 was Avery D.

There were a total 25 children participating with 582 books checked out.

SRP Crafts	32 Juvenile
------------	-------------

SRP Movies	27 Juvenile/14 Adults
------------	-----------------------

Stuff an Alien	22 Juvenile/7 Adults
----------------	----------------------

OCM Dinosaur Program	8 Juvenile/4 Adults
----------------------	---------------------

OCM Bubble Program	34 Juvenile/6 Adults
--------------------	----------------------

Pre-school story time starts Tuesday, September 10 from 11:00 – 11:20

Adult crafts will be on Thursday from 4:30 – 6:00 once a month

Unfinished Business: None

New Business: Trustee Training Webinar – Political, Religious & other Touchy Topics.

Viki made the motion to adjourn. Bonnie seconded. Meeting adjourned 7:35 p.m.

Submitted

Viki Hawkins, Secretary

August 28, 2019

Senior Center Monthly Report for August 2019

Meals served 577

Volunteer Hours Performed 25.5

Activity Reports Attached

Needs for Center-We have a band new door that goes between the kitchen and the dinning area that needs to be put up. It has been in the back room for about three years and is still waiting to be hung. It should not take long to do. Also a out let in the kitchen that we need has been out for several months, Lim had Terry Caddell look at it but it was never fixed. Water to the new refrigerator needs hooked up there is a water pipe right next to it with easy access so also should not take long. Thank you!

Meetings—Site Council Meeting at Center was August 21st

Break down of meals= We served 577 meals in 22 days, 199 in house, 378 were homebound that avg. about 26 meals per. day. We had 23 people for bingo night this month. We had 20 people for birthday night. And 47 people for Ollie the Trolley it was a very nice turn out. Due to the Extended Weekend the Center will not be serving Home Bound Meals...see you Tuesday. Thank you to the Mayor and Council for allowing us to do this.

SENIOR CENTER: Carter Lake DATE Aug 2019
MANAGER'S SIGNATURE Linda Lee

Date	Nutrition Program/Topic	Program Length	# Persons Attending
8-14	Eating Well on a Budget	1.0	8
8-28	Juicing and Fiber	1.0	7

Date	Nutrition Handouts for Homebound Participants/Topic	# Sent
8-16	Eating well on a Budget	14
	Juicing and Fiber	
8-23	Wellness + Independence through Nutrition	18

Date	Wellness Programs/Topic Exercise, etc.	Blood Pressure	Program Length	# Persons Attending
8-2	Flex		1.0	6
9	Flex		1.0	6
16	Flex		1.0	6
19	Angeles C.C.	Blood Pressure	1.0	7
23	Flex		1.0	6
30	Flex		1.0	6
			(1.0)	(37)

TOTALS

(OVER)

Date	Continuing Education Program/Topic	Program Length	# Persons Attending
8-22	Wellness & Independence through Nutrition	1.0	7

8-19	Angels CC Diabetics	1.0	7
------	---------------------	-----	---

TOTAL HOURS

2.0

14

Date	Leisure Time Program/Topic	Program Length	# Persons Attending
8-1	Cards	1.5	7
2	Cards	1.5	6
	Bingo	1.5	11
5	Cards	1.5	6
6	Cards	1.5	7
	Walmart	2.0	3
7	Library (Boys Club) craft	1.0	6
8	Birthday Night	2.5	20
9	Cards	1.5	6
!	Bingo	1.5	12
TOTAL HOURS		16.0	84

