

**AGENDA  
CITY COUNCIL MEETING  
June 16, 2015**

1. [Approval of Minutes – June 2, 2015 and June 8, 2015](#)

2. [Approval of Claims](#)

Anyone desiring to view the Open Meetings Act may do so. The document is available for public inspection and is located on the south wall of the City Council Chambers.

The City Council may go into closed session to discuss certain agenda items to protect the public interest or to prevent the needless injury to the reputation of an individual and if such individual has not requested a public hearing.

3. [Action on Application for Membership of Codie Rich to the Wayne Volunteer Fire Department — Phil Monahan, Fire Chief](#)

4. [Public Hearing: Notice of Intent to Release Funds for Villa Wayne Capital Improvement Project – Wayne Housing Authority — Trine McBride, Executive Director, Wayne Housing Authority](#)

**Background:** The City of Wayne owns the Wayne Villa housing at 4<sup>th</sup> and Dearborn. The Wayne Housing Authority is appointed by the Mayor and Council and operates the Villa. The Board is upgrading the facility with Federal funds, and that requires a public hearing by the City to hear comments and objections from the public.

5. [Discussion with Library Board on Budget Matters](#)

6. [Ordinance 2015-29: Amending Wayne Municipal Code, Section 90-10 Definitions \(Third and Final Reading\)](#)

7. [Ordinance 2015-30: Amending Wayne Municipal Code Section 90-114 Exceptions of the A-1 Agricultural District \(Third and Final Reading\)](#)

8. [Ordinance 2015-31: Amending Wayne Municipal Code Section 90-115 Conditions for Granting Exceptions of the A-1 Agricultural District \(Third and Final Reading\)](#)

9. [Ordinance 2015-34: Amending Wayne Municipal Code, Section 34-1 Misdemeanors; Use of Tobacco Products on City Property \(Second Reading\)](#)

10. [Ordinance 2015-35: Amending Wayne Municipal Code, Section 78-132 Prohibited Parking, Southwest Quadrant of the City – \(West side of the centerline of Lincoln Street from the north line of West 1<sup>st</sup> Street north 50 feet\) \(Second Reading\)](#)

11. [Resolution 2015-64: Approving Supplemental Agreement No. 4 for Additional Services – Wayne Trail Phase 2](#)

**Background:** This agreement is between the City and Olsson Associates. It outlines the hours needed to draw new plans and do additional survey work. NDOR is concerned about possible conflicts with an irrigation pivot and a large propane tank south of Douglas Street. They also want more details shown on the existing plans regarding trees and fences, as well as buildings that have been built along the trail alignment since the plans were originally completed. NDOR has negotiated and approved the hours that were submitted by OA to do the work.

**Recommendation:** The recommendation from Lowell Johnson, City Administrator, and Joel Hansen, Building Inspector, is to approve the agreement by Resolution.

12. [Resolution 2015-65: Adopting the Lower Elkhorn NRD Multi-Jurisdictional Hazard Mitigation Plan Update](#)

**Background:** When FEMA was reorganized after the World Trade Center attack, FEMA established a disaster planning mechanism and a funding opportunity to encourage local areas to plan for future emergencies. Cities that want to participate have to maintain a current Emergency Hazard Mitigation Plan. Wayne and other Northeast Nebraska towns joined with the Lower Elkhorn NRD and retained one consultant to help write and review all of our plans and submit them to FEMA. We have to jointly update and submit the plans every five years. Attached is the Executive Summary for the group NRD plan. When we get a digital version of the Wayne Section we will also forward that to you.

**Recommendation:** This Resolution is required for us to be included in the five-year update and be eligible for emergency plan funding for future projects like tornado shelters, etc.

13. [Resolution 2015-66: Approving the Plans, Specifications and Estimate of Cost for the "2015 Wastewater Treatment Facility Improvements" \(Wayne Biosolids Handling Improvement Project\) and Authorizing the City Clerk to Advertise for Bids](#)

**Background:** JEO will be at the Council meeting to present the final design of the sludge belt press and holding tanks and discuss the cost and operation of the plant.

**Recommendation:** If you are okay with the project, as proposed, you can approve the Resolution.

14. [Resolution 2015-67: Accepting Bid and Awarding Contract on the Wayne Aquatic Center Project](#)

**Background:** Bids will be opened on Friday, and we will have a recommendation for you on Monday or Tuesday before the Council meeting.

15. [Action on Pay Application No. 1 to OCC Builders, LLC, in the amount of \\$45,425.00 for the 2015 Wayne Storm Shelter Project](#)

**Background:** This work completed to date in accordance with the project and approved by the project engineer.

16. Action on Change Order No. 1 submitted on behalf of Robert Woehler & Sons Construction, Inc., in the amount of \$8,432.78 for the 2015 Water System Improvements – Water Main Relocation Project

**Background:** The changes in this Change Order were required by the Department of Roads after further review of the design. This is for work to be done within the Highway Right-of-Way. This project is the water main replacement of some old 4” water main north of Hank Overin Field.

17. Approving Application to the Nebraska Department of Environmental Quality for the Renewal of the NPDES Wastewater Discharge Permit

**Background:** NDEQ requires all cities to renew its discharge permits every five years. The new Aquarius plant is operating well within our pollutant discharge permit limits. This application is due July 1<sup>st</sup>.

18. Adjourn

APPROVED AS TO FORM AND CONTENT:

\_\_\_\_\_  
Mayor

\_\_\_\_\_  
City Administrator

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**MINUTES  
CITY COUNCIL MEETING  
June 2, 2015**

The Wayne City Council met in regular session at City Hall on Tuesday, June 2, 2015, at 5:30 o'clock P.M. Mayor Ken Chamberlain called the meeting to order with the following in attendance: Councilmembers Cale Giese, Rod Greve, Jon Haase, Jennifer Sievers, Nick Muir, Jason Karsky, Matt Eischeid and Jill Brodersen; City Attorney Amy Miller; City Administrator Lowell Johnson; and City Clerk Betty McGuire.

Notice of the convening meeting was given in advance by advertising in the Wayne Herald on May 21, 2015, and a copy of the meeting notice and agenda were simultaneously given to the Mayor and all members of the City Council. All proceedings hereafter shown were taken while the Council convened in open session.

Mayor Chamberlain requested Council consideration to his appointment of Amy Miller as City Attorney.

Councilmember Sievers made a motion, which was seconded by Councilmember Haase, whereas, the Clerk has prepared copies of the Minutes of the meeting of May 19, 2015, and that each Councilmember has had an opportunity to read and study the same, and that the reading of the Minutes be waived and declared approved. Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried and the Minutes approved.

The following claims were presented to Council for their approval:

**VARIOUS FUNDS:** ABBIE BAACK, RE, 2149.00; AMERITAS, SE, 2314.06; AMY K. MILLER, SE, 10833.34; APPEARA, SE, 68.29; AS CENTRAL SERVICES, SE, 448.00; BARRACUDA NETWORKS, SU, 1499.20; BLACK HILLS, SE, 249.92; BOARDERS INN & SUITES, SE, 1188.00; BOMGAARS, SU, 19.98; FIREMAN, RE, 306.90; BROWN SUPPLY, SU, 163.36; CARROLL DISTRIBUTING, SU, 66.15; CITIZENS STATE BANK, RE, 2358.61; CITY OF WAYNE, PY, 82933.12; CITY OF WAYNE, RE, 40.00; CLEAN TO A T, SE, 840.00; COMMUNITY HEALTH, RE, 4.00; DE LAGE LANDEN FINANCIAL, SE, 77.00; DEARBORN NATIONAL LIFE, SE, 2013.11; DUTTON-LAINSON, SU, 468.66; ECHO GROUP, SU, 104.34; ED. M FELD EQUIPMENT, SU, 340.00; FASTENAL, SU, 16.97; FIREMAN, RE, 303.50; FIREMAN, RE, 323.19; GERHOLD CONCRETE, SU, 92.00; GROSSENBURG IMPLEMENT, SU, 231.43; HD SUPPLY WATERWORKS, SU, 6006.34;

HOA SOLUTIONS, SE, 498.00; HTM SALES, SU, 1795.00; HYDRAULIC SALES & SERVICE, SE, 386.00; ICMA, SE, 6853.00; INDUSTRIAL CHEM LABS, SU, 1132.26; INDUSTRIAL TOOL, SU, 101.94; IRS, TX, 28103.82; JEO CONSULTING GROUP, SE, 4106.00; FIREMAN, RE, 298.15; FIREMAN, RE, 283.63; KAY PARK REC CORP, SU, 5580.20; KRIZ-DAVIS, SU, 68.48; LANGEMEIJER, WAYNE, SE, 187.50; LAW ENFORCEMENT SYSTEMS, SU, 73.84; CITY EMPLOYEE, RE, 238.69; LOUIS BENSCOTER, RE, 3751.65; FIREMAN, RE, 297.92; MUNICIPAL SUPPLY, SU, 60.11; MURPHY TRACTOR & EQUIPMENT, SU, 395.61; MZRB LLC, RE, 2884.00; N.E. NEB ECONOMIC DEV DIS, SE, 480.00; NANCI WALSH, SE, 400.00; CITY EMPLOYEE, RE, 462.87; NE DEPT OF REVENUE, TX, 3786.84; NE LAW ENFORCEMENT, SE, 80.00; NEBRASKA ARBORETUM, FE, 100.00; NORFOLK DAILY NEWS, SE, 190.20; N.E. NE AMERICAN RED CROSS, RE, 39.24; NWOD, FE, 120.00; OVERHEAD DOOR CO, SU, 13.00; CITY EMPLOYEE, RE, 723.06; QUALITY 1 GRAPHICS, SU, 275.00; QUILL, SU, 100.78; ROBERT WOHLER & SONS, SE, 76912.72; STADIUM SPORTING GOODS, SU, 209.25; STANDARD & POOR'S, FE, 120.00; STAPLES ADVANTAGE, SU, 123.20; STATE NEBRASKA BANK, RE, 200.00; T & S TRUCKING, SE, 653.28; UNITED WAY, RE, 14.00; VAN DIEST SUPPLY, SU, 260.00; WAYNE HOSPITALITY, RE, 20014.65; ADVANCED CONSULTING, SE, 2311.13; APPEARA, SE, 109.77; CITY EMPLOYEE, RE, 51.26; BERRY, KATHY, RE, 40.65; BLACK HILLS, SE, 85.62; BLUE CROSS BLUE SHIELD, SE, 29697.12; BOMGAARS, SU, 1681.25; BROWN SUPPLY, SU, 469.14; BSN SPORTS, SU, 28.99; CENTURYLINK, SE, 510.48; CITY EMPLOYEE, RE, 635.78; CITY OF WAYNE, RE, 20.00; CITY OF WAYNE, RE, 200.00; CITY OF WAYNE, RE, 2837.49; DEMCO, SU, 79.71; EAKES OFFICE PLUS, SE, 905.04; ED. M FELD EQUIPMENT, SU, 60.00; FIRST CONCORD GROUP, SE, 5090.63; FYR-TEK, SU, 90.00; GALE GROUP, SU, 46.48; GERHOLD CONCRETE, SU, 394.00; GILL HAULING, SE, 170.50; GROSSENBURG IMPLEMENT, SU, 151.90; HEWLETT-PACKARD, SU, 3747.10; HUNTEL CABLEVISION, SE, 2639.67; JEO CONSULTING GROUP, SE, 70606.00; CITY EMPLOYEE, RE, 1625.75; KRIZ-DAVIS, SU, 141.56; MIKE DICKES, RE, 97.07; NNPPD, SE, 3698.00; OAKSTONE PUBLICATIONS, SU, 138.60; ONE CALL CONCEPTS, SE, 87.55; CITY EMPLOYEE, RE, 1383.03; SKARSHAUG TESTING LAB, SE, 145.89; STAPLES ADVANTAGE, SU, 323.74; STATE NEBRASKA BANK, RE, 96.94; VAKOC CONSTRUCTION, SU, 2,418.35; VAN DIEST SUPPLY, S;U, 416.00; VIAERO, SE, 318.11; WATSON LABEL PRODUCTS, SU, 188.89; WAED, RE, 7216.66; WAYNE GROCERY, SU, 10.94; WAYNE HERALD, SE, 46.00; WESCO, SU, 529.0; WAPA, SE, 21837.18

Councilmember Sievers made a motion, which was seconded by Councilmember Greve, to approve the claims. Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried.

Mayor Chamberlain advised the public that a copy of the Open Meetings Act was located on the south wall of the Council Chambers and was available for public inspection. In addition, he advised the public that the Council may go into closed session to discuss certain agenda items to protect the public interest or to prevent the needless injury to the reputation of an individual and if such individual has not requested a public hearing.

Councilmember Sievers introduced Ordinance No. 2015-29, and moved for approval of the second reading thereof; Councilmember Haase seconded.

ORDINANCE NO. 2015-29

AN ORDINANCE AMENDING WAYNE MUNICIPAL CODE CHAPTER 90, ARTICLE I. IN GENERAL, BY AMENDING SECTION 90-10 DEFINITIONS; TO PROVIDE FOR THE REPEAL OF CONFLICTING ORDINANCES OR SECTIONS; AND TO PROVIDE FOR AN EFFECTIVE DATE.

Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried. The third and final reading will take place at the next meeting.

Councilmember Sievers introduced Ordinance No. 2015-30, and moved for approval of the second reading thereof; Councilmember Haase seconded.

ORDINANCE NO. 2015-30

AN ORDINANCE AMENDING WAYNE MUNICIPAL CODE CHAPTER 90, ARTICLE III. AGRICULTURAL DISTRICTS, DIVISION 2. A-1 AGRICULTURAL DISTRICT, BY AMENDING SECTION 90-114 EXCEPTIONS; TO PROVIDE FOR THE REPEAL OF CONFLICTING ORDINANCES OR SECTIONS; AND TO PROVIDE FOR AN EFFECTIVE DATE.

Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried. The third and final reading will take place at the next meeting.

Councilmember Sievers introduced Ordinance No. 2015-31, and moved for approval of the second reading thereof; Councilmember Haase seconded.

ORDINANCE NO. 2015-31

AN ORDINANCE AMENDING WAYNE MUNICIPAL CODE CHAPTER 90, ARTICLE III. AGRICULTURAL DISTRICTS, DIVISION 2. A-1 AGRICULTURAL DISTRICT, BY AMENDING SECTION 90-115 CONDITIONS FOR GRANTING EXCEPTIONS; TO PROVIDE FOR THE REPEAL OF CONFLICTING ORDINANCES OR SECTIONS; AND TO PROVIDE FOR AN EFFECTIVE DATE.

Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried. The third and final reading will take place at the next meeting.

Councilmember Sievers introduced Ordinance No. 2015-32, and moved for approval of the second reading thereof; Councilmember Haase seconded.

ORDINANCE NO. 2015-32

AN ORDINANCE APPROVING THE VACATION OF AN ALLEY LOCATED IN THE CITY OF WAYNE, WAYNE COUNTY, NEBRASKA, DESCRIBED AS THE NORTH-SOUTH ALLEY ADJACENT TO THE EAST SIDE OF LOT 1, CARHART'S FIRST ADDITION, AND LYING BETWEEN LOT 2, CARHART'S FIRST ADDITION, AND LOT 3, WESTWOOD ADDITION, WAYNE, WAYNE COUNTY, NEBRASKA.

Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried.

Councilmember Sievers made a motion, which was seconded by Councilmember Haase, to suspend the statutory rules requiring ordinances to be read by title on three different days. Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried.

Councilmember Sievers made a motion, which was seconded by Councilmember Haase, to move for final approval of Ordinance No. 2015-32. Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried.

Scott and Mary Kay Hasemann presented a proposal to purchase the north-south alley adjacent to the east side of Lot 1, Carhart's First Addition, and lying between Lot 2, Carhart's First Addition, and Lot 3, Westwood Addition for \$150.

Councilmember Sievers made a motion, which was seconded by Councilmember Haase, accepting the proposal of Scott and Mary Kay Hasemann to purchase the north-south alley adjacent to the east side of Lot 1, Carhart's First Addition, and lying between Lot 2, Carhart's

First Addition, and Lot 3, Westwood Addition for \$150. Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried.

Councilmember Sievers introduced Resolution 2015-59, and moved for its approval; Councilmember Haase seconded.

#### RESOLUTION NO. 2015-59

A RESOLUTION AUTHORIZING THE SALE OF THE NORTH-SOUTH ALLEY ADJACENT TO THE EAST SIDE OF LOT 1, CARHART'S FIRST ADDITION, AND LYING BETWEEN LOT 2, CARHART'S FIRST ADDITION, AND LOT 3, WESTWOOD ADDITION, CITY OF WAYNE, WAYNE COUNTY, NEBRASKA.

Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried.

Councilmember Sievers introduced Ordinance 2015-33, and moved for its approval; Councilmember Haase seconded.

#### ORDINANCE NO. 2015-33

AN ORDINANCE DIRECTING THE SALE OF THE NORTH-SOUTH ALLEY ADJACENT TO THE EAST SIDE OF LOT 1, CARHART'S FIRST ADDITION, AND LYING BETWEEN LOT 2, CARHART'S FIRST ADDITION, AND LOT 3, WESTWOOD ADDITION, CITY OF WAYNE, WAYNE COUNTY, NEBRASKA.

Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried.

Councilmember Sievers made a motion, which was seconded by Councilmember Haase, to suspend the statutory rules requiring ordinances to be read by title on three different days. Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried.

Councilmember Sievers made a motion, which was seconded by Councilmember Haase, to move for final approval of Ordinance No. 2015-33. Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried.

The following ordinance would amend Section 34-1. Misdemeanors; use of tobacco products on city property, to include the following locations: Hank Overin Field, Summer Sports Complex, and the swimming pool.

Councilmember Sievers introduced Ordinance 2015-34, and moved for its approval; Councilmember Haase seconded.

#### ORDINANCE NO. 2015-34

AN ORDINANCE AMENDING WAYNE MUNICIPAL CODE, CHAPTER 34, ARTICLE 1, SECTION 34-1 MISDEMEANORS; USE OF TOBACCO PRODUCTS ON CITY PROPERTY; TO PROVIDE FOR THE REPEAL OF CONFLICTING ORDINANCES OR SECTIONS; AND TO PROVIDE FOR AN EFFECTIVE DATE.

Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried. The second reading will take place at the next meeting.

The following ordinance would prohibit parking on the west side of the centerline of Lincoln Street from the north line of West 1<sup>st</sup> Street north 50 feet. This comes forward at the request of Dean Carroll, General Manager of Mid-States School Bus, Inc.

Councilmember Brodersen introduced Ordinance 2015-35, and moved for its approval; Councilmember Haase seconded.

#### ORDINANCE NO. 2015-35

AN ORDINANCE TO AMEND WAYNE MUNICIPAL CODE, CHAPTER III PARKING, SECTION 78-132 PROHIBITED PARKING, SOUTHWEST QUADRANT OF THE CITY; TO PROVIDE FOR THE REPEAL OF CONFLICTING ORDINANCES OR SECTIONS; AND TO PROVIDE FOR AN EFFECTIVE DATE.

Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried. The second reading will take place at the next meeting.

The following Resolution would adopt the City Administrator's contract for the upcoming year. This includes a 2% cost of living increase.

Councilmember Giese introduced Resolution No. 2015-60 and moved for its approval; Councilmember Brodersen seconded.

RESOLUTION NO. 2015-60

A RESOLUTION TO ADOPT EMPLOYMENT AGREEMENT.

Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried.

The following Resolution would approve an agreement with Advanced Consulting Engineering Services for the Logan Valley Drive Sanitary Sewer Extension Project. Said services are for a "not to exceed" sum of \$4,000. This will extend the last segment of sanitary sewer from Chief's Way south on Logan Valley Drive about 900 feet or as far as the sewer can extend and still gravity flow back to the north. The estimated cost of this project is \$46,250 for construction.

Gill Hauling is building a new building that needs to be connected to sewer. Gill and the owner of the subdivision have both requested the City to extend this sewer line and will pay the calculated hook-up fee per lot. This is outside city limits, and, as we did with Chief's Way, the City sewer utility will carry the remaining costs of this project until all of the lots are connected.

All of the new construction and engineering costs will be assessed to the sewer hookup fees for the lots to be served. As these new lots are connected, we will recover \$39,000 in sewer fees to go towards the reimbursement of the costs of the big lift station by Milo Meyer Construction and the force main to connect into the city sewer system.

Administrator Johnson advised the Council that this will not increase the sewer rates.

Councilmember Giese introduced Resolution No. 2015-61 and moved for its approval; Councilmember Greve seconded.

RESOLUTION NO. 2015-61

A RESOLUTION ACCEPTING PROPOSAL AND APPROVING THE SHORT FORM OF AGREEMENT BETWEEN THE CITY OF WAYNE AND ADVANCED CONSULTING ENGINEERING SERVICES FOR THE "LOGAN VALLEY DRIVE SANITARY SEWER EXTENSION PROJECT."

Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried.

The following Resolution would authorize staff to submit a grant application to the United States Department of Agriculture for energy reduction funding assistance and approve the sum of \$500 to be paid to Energy Transportation Partners to prepare and submit the grant application. This would be for low-income households and used to educate those households on energy savings. The grant is for \$50,000 (minimum) and the City would be required to match that amount. After discussion, no action was taken on the matter, and said Resolution died for lack of a motion.

Administrator Johnson stated that Change Order No. 2 represents a deduct of \$1,949.82 for the "2014 Hillside Drive Paving and Storm Sewer Improvement Project." This is for an adjustment in quantities. The engineer has approved this Change Order as well as Pay Application No. 3 on the project.

Councilmember Brodersen made a motion, which was seconded by Councilmember Giese, approving Change Order No. 2 (Final) — (\$1,949.82) for the "2014 Hillside Drive Paving and Storm Sewer Improvement Project." Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried.

Councilmember Brodersen made a motion, which was seconded by Councilmember Eischeid, approving Pay Application No. 3 (Final) for \$19,367.63 to Robert Woehler & Sons Construction, Inc., for the "2014 Hillside Drive, Paving & Storm Sewer Improvement Project." Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried.

The following Resolution would accept the "2014 Hillside Drive Paving and Storm Sewer Improvement Project," as recommended by the City's engineer on the project, JEO Consulting Group, Inc.

Councilmember Brodersen introduced Resolution No. 2015-63 and moved for its approval; Councilmember Greve seconded.

RESOLUTION NO. 2015-63

A RESOLUTION ACCEPTING WORK ON THE "2014 HILLSIDE DRIVE PAVING AND STORM SEWER IMPROVEMENT PROJECT" AND AUTHORIZING FINAL PAYMENT THERETO.

Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried.

Discussion took place in regard to implementing a new policy to allow the pool passes to be paid through the monthly utility bill. After discussion, since the new pool will or should be open next year, it was the consensus to wait and add this item to one of the February, 2016, agendas.

Council reviewed the current rental rates and proposed changes in those rates for the Community Activity Center.

<b>Locker Rentals (Annual)</b>	<b>Current Rate</b>	<b>New Rate</b>
Large	\$35.00	
Medium	\$25.00	
Small	\$15.00	
Community Room (2-4 hours)		
Member	<del>\$37.28</del>	<b>\$20.00</b>
Non-Member	<del>\$42.60</del>	<b>\$40.00</b>
Community Room (4+ hours)		
Member	<del>\$79.88</del>	<b>\$60.00</b>
Non-Member	<del>\$106.50</del>	<b>\$100.00</b>
Youth Center (2-4 hours)		
Member	\$40.00	
Non-Member	\$45.00	
Youth Center (4+ hours)		
Member	\$75.00	
Non-Member	\$100.00	
Gym Court Space		
¼ gym floor	\$25/hr	
½ gym floor	\$50/hr	

Rental of the gym to non-profit organizations is a flat rate of ~~\$75.00~~

**Non-Profit** \$250.00  
**For Profit** \$350.00

High School team court rental is \$20/hr

Yoga rental fee - ~~\$50.00/month~~ \$50/month w/ membership  
 \$75/month w/o membership

Weight Watchers Rental Fee - \$117.37/month

After discussion, Councilmember Giese made a motion, which was seconded by Councilmember Muir, approving the following rental rates at the Community Activity Center, which shall take effect immediately:

Locker Rentals (Annual)	Current Rate	New Rate
Large	\$35.00	
Medium	\$25.00	
Small	\$15.00	
Community Room ( <del>2-4 hours</del> ) <b>per hour</b>		
Member	\$37.28	<b>\$20.00</b>
Non-Member	\$42.60	<b>\$40.00</b>
<del>Community Room (4+ hours)</del>		
<del>Member</del>	<del>\$79.88</del>	<del>\$60.00</del>
<del>Non-Member</del>	<del>106.50</del>	<del>\$100.00</del>
Youth Center (2-4 hours)		
Member	\$40.00	
Non-Member	\$45.00	
Youth Center (4+ hours)		
Member	\$75.00	
Non-Member	\$100.00	
Gym Court Space		
¼ gym floor	\$25/hr	
½ gym floor	\$50/hr	
Rental of gym <del>to non-profit organizations</del> is a flat rate of <del>\$75.00</del>		
<b>Non-Profit</b>	<b>\$250.00/day</b>	
<b>For Profit</b>	<b>\$350.00/day</b>	
<del>High School team court rental is \$20/hr</del>		

Yoga rental fee - ~~\$50.00/month~~

**\$50/month w/ membership**  
**\$75/month w/o membership**

Weight Watchers Rental Fee - \$117.37/month

Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried.

Councilmember Sievers made a motion, which was seconded by Councilmember Giese, to adjourn the meeting. Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried and the meeting adjourned at 6:34 p.m.

**MINUTES  
CITY COUNCIL MEETING  
June 8, 2015**

The Wayne City Council met in special session at City Hall on Monday, June 8, 2015, at 4:00 o'clock P.M. Mayor Ken Chamberlain called the meeting to order with the following in attendance: Councilmembers Cale Giese, Rod Greve, Jon Haase, Jennifer Sievers, Nick Muir, Jason Karsky, Matt Eischeid and Jill Brodersen; City Attorney Amy Miller; City Administrator Lowell Johnson; and City Clerk Betty McGuire.

Notice of the convening meeting was given in advance by posting in three places: City Hall, Library and City Auditorium on June 4, 2015, and a copy of the meeting notice and agenda were simultaneously given to the Mayor and all members of the City Council. All proceedings hereafter shown were taken while the Council convened in open session.

Councilmember Eischeid a motion, which was seconded by Councilmember Muir, to enter into executive session to discuss the Nebraska Public Power District Contracts and potential litigation regarding the same, with the reason being to protect the public interest, and to allow David Levy and Steve Davidson, Attorneys representing Baird Holm LLP Law Firm, Mark Shults, General Manager of Northeast Nebraska Public Power District, Attorney Miller, City Administrator Johnson, and City Clerk McGuire to be in attendance. Mayor Chamberlain stated the motion, and the result of roll call being all Yeas, the Mayor declared the motion carried, and executive session began at 4:02 p.m.

Mayor Chamberlain again stated that the matter to be discussed in execution session relates to the Nebraska Public Power Contracts and potential litigation.

Councilmember Karsky left the meeting at 4:50 p.m.

Mayor Chamberlain left the meeting at 4:56 p.m.

Councilmember Giese made a motion, which was seconded by Councilmember Eischeid, to resume open session. Council President Brodersen stated the motion, and the result of roll call

being all Yeas, the Council President declared the motion carried, and open session resumed at 5:00 p.m.

Councilmember Giese made a motion, which was seconded by Councilmember Sievers, to adjourn the meeting. Council President Brodersen stated the motion, and the result of roll call being all Yeas, the Council President declared the motion carried and the meeting adjourned at 5:00 p.m.

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## CLAIMS LISTING JUNE 16, 2015

4IMPRINT, INC.	STICKY NOTES-ENERGY WISE PROMO	432.72
AMERITAS LIFE INSURANCE	POLICE RETIREMENT	2,597.16
APPEARA	MAT SERVICE	109.77
ARNIE'S FORD-MERCURY INC	ANNUAL VEHICLE INSPECTION	255.93
BAKER & TAYLOR BOOKS	BOOKS	885.61
BARONE SECURITY SYSTEMS	FIRE INSPECTION	138.00
CITY EMPLOYEE	HEALTH REIMBURSEMENT	2,806.91
CITY EMPLOYEE	HEALTH REIMBURSEMENT	109.74
CHARTWELLS	SENIOR CENTER MEALS	5,507.88
CITY EMPLOYEE	VISION REIMBURSEMENT	128.40
CITY OF WAYNE	BUILDING PERMIT DEPOSIT REFUND	400.00
CITY EMPLOYEE	NATURE CAMP-BARE BOOKS	108.00
CITY OF WAYNE	PAYROLL	72,715.12
CITY OF WAYNE	UTILITY REFUNDS	855.73
COMMUNITY HEALTH	PAYROLL DEDUCTIONS	4.00
CONSOLIDATED MANAGEMENT	TRAINING CENTER MEALS	37.00
DAVE'S DRY CLEANING	POLICE UNIFORM CLEANING	93.00
DAKTRONICS	I-BEAM-SCOREBOARD	185.00
CITY EMPLOYEE	HEALTH REIMBURSEMENT	3,421.79
DEMCO INC	FILM PROTECTOR/BUFFING PAD	82.77
EAKES OFFICE PLUS	COPY CHARGES	100.89
EAKES OFFICE PLUS	COPIER LEASE	198.74
GALE GROUP	BOOKS	119.80
GROSSENBURG IMPLEMENT INC	BLADE	34.71
HEARTLAND FIRE PROTECTION	ANNUAL FIRE EXTINGUISHER INSPECTIONS	573.50
HHS REGULATION & LICENSURE	LICENSE FEE-S LISTON	115.00
HTM SALES INC	PUMP REPAIR	307.50
HYDRAULIC EQUIPMENT	WINCH/REPAIR	2,885.65
ICMA RETIREMENT	RETIREMENT	6,861.40
IRS	FEDERAL WITHHOLDING	26,158.93
JASON CAROLLO	MOWING	175.00
JOHN'S WELDING AND TOOL	REPAIR PLAYGROUND EQUIP/COVER PLATE	168.11
KRIZ-DAVIS COMPANY	TOOL BAG/WIRE	3,047.36
LITE-FORM TECHNOLOGIES,	FLEX BLOCKS	666.72
MARCO INC	LIBRARY COPIER LEASE	126.36
MATHESON TRI-GAS, INC.	OXYGEN	32.24
MAXNET SECURITY	MCAFFEE ANTI-VIRUS PROTECTION	1,575.00
MICHAEL TODD & CO INC	STEEL BANDING	263.64
MIDWEST LABORATORIES, INC	BOD TESTING	971.50
N.E. NEB ECONOMIC DEV DIS	CIS GRANT SERVICES	1,440.00
CITY EMPLOYEE	HEALTH REIMBURSEMENT	620.76
NE DEPT OF ENVIRONMENTAL	2014 AIR EMISSIONS FEE	678.30
NE DEPT OF REVENUE	STATE WITHHOLDING	3,630.86
NE PUBLIC HEALTH ENVIRONM	COLIFORM TESTING	814.00
NE SAFETY COUNCIL	SAFETY VIDEO SHIPPING CHARGES	9.29

NE STATE HISTORICAL	MEMBERSHIP RENEWAL	29.00
NORTHEAST NE PUBLIC POWER	WHEELING CHARGES	12,306.60
PAC N SAVE	AFTER SCHOOL SUPPLIES	10.72
PALFINGER USA, INC	FLATBED TRUCK	18,437.00
PEERLESS WIPING CLOTH CO	WASH TOWELS	240.00
PENGUIN RANDOM HOUSE LLC	AUDIO BOOK	26.25
PITNEY BOWES INC	SEALING SOLUTION	104.84
POLLARD PUMPING	PORTABLE TOILETS-SB COMPLEX	330.00
PROVIDENCE MEDICAL CENTER	POLICE SERVICES	61.00
RESCO	LED BULBS	1,062.49
ROBERT WOehler & SONS	HILLSIDE DR	19,367.63
SIGNS BY TOMORROW	DECAL-EXPEDITION	814.00
SKARSHAUG TESTING LAB INC	GLOVES	99.93
STADIUM SPORTING GOODS	EMBROIDERY	16.00
STATE NEBRASKA BANK	ACH FEE	62.08
STATE NEBRASKA BANK	EL REV REFUNDING SERIES 09 & 12	291,170.00
STATE NEBRASKA BANK	HWY ALLOCATION 2013 INT/PRINCIPAL	46,135.00
STATE NEBRASKA BANK	HWY ALLOCATION GO INT/PRINCIPAL	63,696.25
STATE NEBRASKA BANK	HWY ALLOCATION 2013 B INT/PRINCIPAL	5,912.50
STATE NEBRASKA BANK	PETTY CASH	486.13
STORM SHELTER OF IOWA	STORM SHELTER-FIRE HALL	2,030.00
SUBWAY	NOON MEETING MEAL	65.35
VIAERO	CELL PHONES	205.44
WASTE CONNECTIONS	SANITATION SERVICE	140.80
WAYNE AREA ECONOMIC DEVEL	CHICKEN SHOW SPONSORSHIP	1,000.00
WAYNE COUNTY CLERK	FILING FEES	138.00
WAYNE VETERINARY CLINIC	CAT & DOG IMPOUND	84.00

OK Copy  
05/08/15

WAYNE VOLUNTEER FIRE DEPARTMENT  
And Rural Fire District No. 2  
510 Tomar Drive, Wayne, NE 68787

APPLICATION FOR MEMBERSHIP

This form is to be completed by the Applicant and filed with the Secretary at a regular meeting of the Wayne Volunteer Fire Department.

Name Codie Allen Rich Address 402 East 6th street  
Phone Number 402-368-8039 Social Security # [REDACTED]

Employer Rexius Nutrition Occupation Sales Associate  
How long have you been employed by your present employer? 2 years  
Previous Employer and Address \_\_\_\_\_

Have you previously been a member of a Fire Department? No  
If so, give the name of the fire department, your rank and positions held. If applicable, identify any related credentials and record of training. \_\_\_\_\_

Do you have any physical ailments or disabilities that could affect your performance on the department? \_\_\_\_\_

-As a member of this department, you will be required to give freely of your time to attend fire calls, meetings, drills, serve and provide leadership on committees, and participate in community events and fundraising activities. Do you agree to this? yes

-There is a 30-day waiting period from the date of this application until the Department formally acts upon this request. Do you agree to this? yes

-Have you read the Bylaws of the Department, and do you understand them? \_\_\_\_\_ Do you agree to abide by them? \_\_\_\_\_

- The applicant must understand that if accepted for membership he/she will be placed on probation for a six-month period. During that time, he/she must meet certain criteria as stated in the Bylaws and follow the Standard Operating Guidelines.

Applicant's Signature Codie Rich Date 4-21-2015

Sponsor's Signature (if applicable) \_\_\_\_\_ Date \_\_\_\_\_

.....  
I agree to a background check with information provided by the Wayne Police Department.

Applicant's Signature Codie Rich Date 4-21-2015

We, the undersigned representing the Standing Membership Committee, having investigated the background of the applicant, feel that he/she would be an asset to the Department and hereby recommend him/her for membership.

Secretary's Signature [Signature] Date \_\_\_\_\_

Chief's Signature [Signature] Date 6-2-2015

.....  
Council approved on \_\_\_\_\_ certified by City Clerk \_\_\_\_\_

.....  
For record purposes only: Date of Birth 5-14-1990

[Back to Top](#)**Betty McGuire - Public Hearing**

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**From:** Wayne Housing Authority <waynehoautho1011@qwestoffice.net>  
**To:** "Betty" <betty@cityofwayne.org>  
**Date:** 6/1/2015 10:52 AM  
**Subject:** Public Hearing  
**Attachments:** NOI-RR0F.doc

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Attached is the Notice of Intent to Request Release of Funds and following is a very brief description of the project activities:

The Wayne Housing Authority will use HUD Capital Funds from the Capital Funds Financing Program for improvements to existing buildings within the Villa Wayne facility. Improvements include replacing exterior lighting, flooring, plumbing, appliances, and heating systems. The Wayne Housing Authority will receive \$34,000 annually. This equates to \$170,000 total over the five-year grant period. No persons will be displaced as a result of the capital improvements.

After the public hearing is held HUD Form 7015.15 Request for Release of Funds will need to signed by the Mayor before it is submitted to the HUD Omaha Field Office. I will bring the from by the City offices next week Monday or Tuesday.

Please let me know if you would like me to be present at the Council Meeting, just in case the Council or public has questions. Lowell is familiar with the details of this funding process.

Thank you for your assistance and please let me know if you have questions.

Trine McBride, Executive Director  
Wayne Housing Authority  
409 Dearborn St.  
Wayne, NE 68787  
[\(402\)375-2868](tel:(402)375-2868)

**CITY OF WAYNE  
PUBLIC HEARING NOTICE  
JUNE 16, 2015, 5:00 P.M.**

**NOTICE OF INTENT TO REQUEST RELEASE OF FUNDS**

**Date of Publication:** *May 28, 2015*

**Expires:** *June 15, 2015*

*City of Wayne  
PO Box 8  
Wayne, NE 68787  
(402) 375-1733*

On or after May 28, 2015, the City of Wayne will submit a request to the Department of Housing and Urban Development for the release of Capital Funds from the Capital Fund Financing Program (CFFP) under Section 9 of the United States Housing Act of 1937 as amended, to undertake the following project:

**Project Title:** Villa Wayne Capital Improvement Project

**Purpose:** The Wayne Housing Authority in Wayne, Nebraska, will use HUD Capital Funds from the Capital Fund Financing Program (CFFP) for improvements to existing buildings within the Villa Wayne facility. Improvements include replacing existing exterior lighting, flooring, plumbing, appliances, office equipment, and a boiler system for building #7. Improvements also include installation of handicap accessible door openers for the community building. No persons will be displaced as a result of the capital improvements. This capital improvement project has an anticipated completion date of April 12, 2019 with the Housing Authority receiving Capital Funds annually.

**Location:** The project is located northeast of the intersection of Dearborn Street and East 4<sup>th</sup> Street in Wayne, Nebraska. The office building housing the facility's management is located at 409 Dearborn Street. All Villa Wayne properties receiving Capital Funds are located within this area, which is approximately one block in size.

**Estimated Cost:** The Wayne Housing Authority will receive \$34,000 annually. This equates to \$170,000 total over the five-year grant period.

The activities proposed are categorically excluded under HUD regulations at 24 CFR Part 58 from National Environmental Policy Act (NEPA). An Environmental Review Record (ERR) that documents the environmental determinations for this project is on file at the Wayne City Office located at 306 Pearl Street in Wayne, Nebraska, and may be examined or copied weekdays from 8:00 A.M to 5:00 P.M.

**PUBLIC COMMENTS**

Any individual, group, or agency may submit written comments on the ERR to Betty A. McGuire, City Clerk, City of Wayne, PO Box 8, Wayne, NE 68787. All comments received by

June 15, 2015 will be considered by the City of Wayne prior to authorizing submission of a request for release of funds.

#### RELEASE OF FUNDS

The City of Wayne certifies to the Department of Housing and Urban Development that Ken Chamberlain in his capacity as Mayor consents to accept the jurisdiction of the Federal Courts if an action is brought to enforce responsibilities in relation to the environmental review process and that these responsibilities have been satisfied. The Department of Housing and Urban Development's approval of the certification satisfies its responsibilities under NEPA and related laws and authorities and allows the City of Wayne to use HUD program funds.

#### OBJECTIONS TO RELEASE OF FUNDS

The Department of Housing and Urban Development will accept objections to its release of fund and the City of Wayne's certification for a period of fifteen days following the anticipated submission date or its actual receipt of the request (whichever is later) only if they are on one of the following bases: (a) the certification was not executed by the Certifying Officer of the City of Wayne; (b) the RE has omitted a step or failed to make a decision or finding required by HUD regulations at 24 CFR part 58; (c) the grant recipient or other participants in the development process have committed funds, incurred costs or undertaken activities not authorized by 24 CFR Part 58 before approval of a release of funds by the Department of Housing and Urban Development; or (d) another Federal agency acting pursuant to 40 CFR Part 1504 has submitted a written finding that the project is unsatisfactory from the standpoint of environmental quality. Objections must be prepared and submitted in accordance with the required procedures (24 CFR Part 58, Sec. 58.76) and shall be addressed to the U.S. Department of Housing & Urban Development at 1616 Capitol Avenue, Suite 329, Omaha, NE 68102-4908. Potential objectors should contact the Department of Housing and Urban Development to verify the actual last day of the objection period.

Ken Chamberlain, Mayor, City of Wayne

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COUNCIL PACKET INFORMATION – REPORT ON LIBRARY

<b>WAYNE PUBLIC LIBRARY</b>	<b>2000-2001</b>	<b>2013-2014*</b>	<b>% Change</b>
Annual circulation	43719	61648	1.41
Annual patrons through door	26312	49792	1.89
Youth programs	47	129	2.74
Participation	1229	3276	2.67
Adult programs	4	29	7.25
Participation	164	876	5.34
*from the most recent state annual report			

<b>WAYNE PUBLIC LIBRARY</b>	<b>2000-2001</b>	<b>2015-16**</b>	<b>% Change</b>
FTE Staffing levels	3.5	3.53	1.01
Hours open annually	2665	2925	1.10
Salaries and benefits	\$79,375	\$176,497 est	2.22
**after cuts put into place May 4, 2015			

Actions taken by the library board in response to council's request to lower staffing and expenditures include:

- Reducing hours worked by Library Assistants from 90 per week to 40-45 per week. One LA voluntarily resigned and the remaining 5 individuals average 8 hours a week.
- Reducing hours the library is open to the public by 2 per week (closing at 8 pm instead of 8:30 pm Monday – Thursday)
- Changing the work schedule for the Library Director, Adult Services Librarian, and Youth Services Librarian so that they each work 1 night a week and one Saturday a month. Adult Services and Youth Services librarians no longer work outside library open hours unless they are directly involved with a program in progress. There are only 5 hours total Monday-Friday when the library is only staffed by assistants.
- No longer having a staff member come in when a glitch in scheduling means someone would be alone for less than 2 hours.
- The staff has assumed the cleaning of the library interior as part of their duties (does not include main hallway and bathrooms)
- Immediate reduction in expenditures in youth and adult programming, and purchasing of library materials

Impacts felt from changes:

- Shelf reading to maintain the collection has stopped (meaning more items are misshelved and therefore unavailable when wanted)

- Book/CD/DVD repair has almost stopped (again means items are unavailable to the public, especially since these tend to be the more popular titles)
- Fewer book purchase requests are being met
- Patrons are waiting longer to be helped (checkouts, computer/photocopier/technical assistance, reader's advisory, answering phone calls, reference questions, sending faxes)
- Due to the reduction of hours, it is harder to find staff to fill in when someone is ill, on vacation, out due to meetings, etc., since the LAs have found other part-time work or are just not available (out of town, etc.)
- For the most part the public has been protected from the cuts made, and patrons have generally accepted waiting for assistance when needed

## BACKGROUND INFO

### Programs:

- Adult Programming (attendance varies widely. In 2013-2014 attendance ranged from 4 to 78 – regardless the amount of time to prepare remains constant)
  - Expand Your Horizon (6 per year)
  - WPL Book Club (monthly)
  - 10-15 miscellaneous events such as Chamber Coffee, Volunteer Thank You, Mardi Gras, Christmas Open House, Nebraska Humanities speakers, Poetry readings and author signings, Junk in the Trunk
  - Outreach to The Oaks and Providence Medical Center
- Youth Programming (same disclaimer as above. In 2013-2014 attendance ranged from 3 to 121)
  - Fall story time (12 weeks)
  - Winter story time (12 weeks)
  - Mother Goose lapsit (about 26 weeks a year plus during the Summer Reading program)
  - Summer Reading program – runs 8 weeks, includes 3 programs at Rainbow World, 5 age-defined programs on Wednesdays, and a Teen Lunch Bunch on Thursdays
  - Special holiday events: Santa Story time; Easter Egg hunt; Valentine, Halloween, Mardi Gras, Chinese New Year craft times
  - School's out / School's back craft events
  - Present at schools/preschools for special events such as Read Across America
  - Grandmapa daycare outreach

### Services Offered:

- ADA computer station
- Ancestry Library Edition database
- Area genealogy resources
- Birth/death searches in Wayne Herald
- Board/card games
- Book a librarian for one on one help
- Bulletin boards/displays/display case
- Children's computers with touch screens
- Computer lab for Internet and office products
- DVD collection

- Fax (revenue)
- Freegal Music service (24/7)
- Genre author lists
- Home delivery of materials
- Homework help
- Information kiosk
- Interlibrary loan
- IRS forms
- Killawat devices to checkout
- Laptop computers for use in library
- Laptop mobile lab
- Library catalog (24/7)
- Library tours
- Literacy cube – educational activities
- Magazines & area newspapers
- Monthly new book lists
- Movie screen and lcd projector
- NebraskaAccess databases (24/7)
- New York Times best seller updates
- Overdrive downloadable books (24/7)
- Paperback exchange
- Parent Corner
- Photocopier (revenue)
- Pronunciator language tool (24/7)
- Public access channel 19
- Readers' Advisory for adults and children
- Reference assistance
- Scan to email/flash drive
- Special collections: Art work, Nebraska collection, Large Print books
- Teen corner
- Test proctoring
- Typewriter
- Wayne Herald digital and on microfilm
- Wayne High School annuals
- Wifi throughout building

#### Staff duties "behind the scenes"

- Director
  - Advocate for library staff
  - Attends city and county meetings as needed
  - Grantwriting and monitoring
  - Guides and assists in library presence on the Internet
  - Hires staff
  - Keep current with library and technology trends and make suggestions to the board for areas to improve
  - Liaison with Library Board, City Council and personnel, and Wayne County Commissioners
  - Liaison with Nebraska Library Commission (NLC), Three Rivers Library System (serve as vice-president), OneLibrary Consortium (serve as president), Wayne Library Foundation, Friends of the Library, and community organizations
  - Maintains administrative aspects of library software
  - Makes recommendations to the Library Board for changes to library policy and oversees implementation
  - Meets continuing education requirements for Nebraska Library Commission Public Librarian Certification
  - Monitors expenditures and prepares budgets with the guidance of the Library Board

- Oversees staff and completes their duties when circumstances require, hold regular library staff meetings
- Prepare library reports for the NLC, monthly reports to the board and city, periodic reports for the Wayne Library Foundation
- Responsible for keeping library accreditation and library staff and library board certifications current
- Responsible for selection of digital, audiovisual, and adult print collection
- Responsible for weeding for adult and audiovisual collections
- Shares in shelving and cleaning duties
- **Adult Services**
  - Assists in library database maintenance and cleanup
  - Catalogs all library materials
  - Liaison with periodical vendors
  - Maintains the Public Access Channel 98
  - Meets continuing education requirements for Nebraska Library Commission Public Librarian Certification
  - Orders and oversees physical processing for all library acquisitions
  - Organizes display case and bulletin boards for adult areas
  - Provides outreach to The Oaks, Providence Medical Center, and home delivery
  - Responsible for publicity for all adult programs
  - Shares in shelving and cleaning duties Performs other duties as needed
- **Youth Services**
  - Assists with keeping web pages current
  - Confers with teachers, parents and community groups to develop programs to encourage and improve children's literacy skills
  - Meets continuing education requirements for Nebraska Library Commission Public Librarian Certification
  - Organizes displays/bulletin boards for children's room and teen corner
  - Provides general reference and technology assistance to all patrons
  - Provides outreach to organizations and WSC classes
  - Reader's advisory for children and teens
  - Responsible for publicity for all youth programs
  - Selects materials for children's room and teen corner
  - Serves as Assistant Library Director
  - Shares in shelving and cleaning duties
  - Performs other duties as needed
- **Library Assistants**
  - Assist with library bulletin boards and displays
  - Book repair
  - Create reader advisory guides
  - Interlibrary loan

- Maintain paperback exchange
- Physical processing of new acquisitions (labels, book jackets, etc.)
- Provide assistance to patrons as needed
- Provide routine assistance with library technology
- Provide routine reference assistance
- Share in shelving and cleaning duties
- Shelf reading
- Perform other duties as needed

ORDINANCE NO. 2015-29

AN ORDINANCE AMENDING WAYNE MUNICIPAL CODE CHAPTER 90, ARTICLE I. IN GENERAL, BY AMENDING SECTION 90-10 DEFINITIONS; TO PROVIDE FOR THE REPEAL OF CONFLICTING ORDINANCES OR SECTIONS; AND TO PROVIDE FOR AN EFFECTIVE DATE.

BE IT ORDAINED by the Mayor and Council of the City of Wayne, Nebraska:

Section 1. The Planning Commission held a public hearing on March 2, 2015, and recommended amending Section 90-10 Definitions of the Wayne Municipal Code, with the "Finding of Fact" being staff's recommendation.

Section 2. That Chapter 90, Article I, Section 90-10 of the Wayne Municipal Code is hereby amended as follows:

Sec. 90-10. Definitions.

The following words, terms and phrases, when used in this chapter, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

**Stables: Boarding, breeding or raising of horses, llamas, or other hooved animals which are not owned by the occupants of the premises; or for the purpose of riding animals included in this definition by members of the public other than the occupants of the premises or their nonpaying guests. Typical uses include boarding stables or public stables.**

Section 3. All Ordinances or parts of Ordinances in conflict herewith are repealed.

Section 4. This Ordinance shall be in full force and effect after its passage, approval, and publication as provided by law.

PASSED AND APPROVED this 16<sup>th</sup> day of June, 2015.

THE CITY OF WAYNE, NEBRASKA

By \_\_\_\_\_  
Mayor

ATTEST:

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

**ORDINANCE NO. 2015-30**

**AN ORDINANCE AMENDING WAYNE MUNICIPAL CODE CHAPTER 90, ARTICLE III. AGRICULTURAL DISTRICTS, DIVISION 2. A-1 AGRICULTURAL DISTRICT, BY AMENDING SECTION 90-114 EXCEPTIONS; TO PROVIDE FOR THE REPEAL OF CONFLICTING ORDINANCES OR SECTIONS; AND TO PROVIDE FOR AN EFFECTIVE DATE.**

BE IT ORDAINED by the Mayor and Council of the City of Wayne, Nebraska:

Section 1. The Planning Commission held a public hearing on March 2, 2015, and recommended amending Section 90-114 Exceptions of the Wayne Municipal Code, with the "Finding of Fact" being staff's recommendation.

Section 2. That Chapter 90, Article III. Agricultural Districts, Division 2. A-1 Agricultural District, Section 90-114 Exceptions of the Wayne Municipal Code is hereby amended as follows:

Section 90-114 Exceptions

(25) Stables

Section 3. All Ordinances or parts of Ordinances in conflict herewith are repealed.

Section 4. This Ordinance shall be in full force and effect after its passage, approval, and publication as provided by law.

PASSED AND APPROVED this 16<sup>th</sup> day of June, 2015.

THE CITY OF WAYNE, NEBRASKA

By \_\_\_\_\_  
Mayor

ATTEST:

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

**ORDINANCE NO. 2015-31**

**AN ORDINANCE AMENDING WAYNE MUNICIPAL CODE CHAPTER 90, ARTICLE III. AGRICULTURAL DISTRICTS, DIVISION 2. A-1 AGRICULTURAL DISTRICT, BY AMENDING SECTION 90-115 CONDITIONS FOR GRANTING EXCEPTIONS; TO PROVIDE FOR THE REPEAL OF CONFLICTING ORDINANCES OR SECTIONS; AND TO PROVIDE FOR AN EFFECTIVE DATE.**

BE IT ORDAINED by the Mayor and Council of the City of Wayne, Nebraska:

Section 1. The Planning Commission held a public hearing on March 2, 2015, and recommended amending Section 90-115 Conditions for Granting Exceptions of the Wayne Municipal Code, with the "Finding of Fact" being staff's recommendation.

Section 2. That Chapter 90, Article III. Agricultural Districts, Division 2. A-1 Agricultural District, Section 90-115 Conditions for Granting Exceptions of the Wayne Municipal Code is hereby amended as follows:

Sec. 90-115 Conditions for Granting Exceptions

Notwithstanding the requirements of article XI of this chapter, the following regulations shall apply as minimum requirements for granting exceptions in the A-1 district.

- (1) Airport sites shall be so situated that the airport hazard area defined by the state department of aeronautics shall not include any existing obstruction regardless of public or private ownership of the airport.
- (2) Any use involving a business, service or process not completely enclosed in a structure, when located on a site abutting on or across a street or an alley from any residential district shall be screened by a solid fence or masonry wall or a compact growth of natural plant materials not less than six feet in height if the board of adjustment finds the use to be unsightly.
- (3) For First Class Animal Production there shall be no more than 999 animal units on any parcel, and any lagoon or confined feeding yard must be at least 1,000 feet from any residential dwelling located on another parcel.
- (4) **For Stables, there shall be:**
  - i. **No more than 2 animals per acre allowed outside of an enclosed building at any given time, with a maximum limit of 40 animals.**
  - ii. **No structure housing animals, or storing or composting manure, or any open area used for grazing, loafing, or spreading manure within 100 feet of any property line which borders the city limits, any R District, or any A District.**
  - iii. **No structure housing animals, or storing or composting manure, or any open area used for grazing, loafing, or spreading manure within 300 feet of a residential dwelling on another property when there are more than 15 animals associated with the use as a stable.**

Section 3. All Ordinances or parts of Ordinances in conflict herewith are repealed.

Section 4. This Ordinance shall be in full force and effect after its passage, approval, and publication as provided by law.

PASSED AND APPROVED this 16<sup>th</sup> day of June, 2015.

THE CITY OF WAYNE, NEBRASKA

By \_\_\_\_\_  
Mayor

ATTEST:

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

ORDINANCE NO. 2015-34

AN ORDINANCE AMENDING WAYNE MUNICIPAL CODE, CHAPTER 34, ARTICLE I, SECTION 34-1 MISDEMEANORS; USE OF TOBACCO PRODUCTS ON CITY PROPERTY; TO PROVIDE FOR THE REPEAL OF CONFLICTING ORDINANCES OR SECTIONS; AND TO PROVIDE FOR AN EFFECTIVE DATE.

BE IT ORDAINED by the Mayor and Council of the City of Wayne, Nebraska.

Section 1. That Chapter 34, Article I, Section 34-1 of the Municipal Code of Wayne, Nebraska, is hereby amended to read as follows:

**34-1 Misdemeanors; use of tobacco products on city property.**

- (a) No person shall use any tobacco products in any city-owned, -leased, or -rented building or vehicle.
- (b) **No person shall be permitted to use any tobacco products within Hank Overin field, within the Summer Sports Complex, nor within the city pool.**
- (c) It shall be unlawful to violate this section. Violation of this section shall constitute an offense, and upon conviction, such person shall be subject to Section 1-9.

Section 2. The original Section and any other sections in conflict with this ordinance are hereby repealed.

Section 3. This ordinance shall take effect and be in full force from and after its passage, approval, and publication or posting, as required by law.

PASSED AND APPROVED this 16<sup>th</sup> day of June, 2015.

THE CITY OF WAYNE, NEBRASKA,

By \_\_\_\_\_  
Mayor

ATTEST:

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

**ORDINANCE NO. 2015-35**

**AN ORDINANCE TO AMEND WAYNE MUNICIPAL CODE, CHAPTER III PARKING, SECTION 78-132 PROHIBITED PARKING, SOUTHWEST QUADRANT OF THE CITY; TO PROVIDE FOR THE REPEAL OF CONFLICTING ORDINANCES OR SECTIONS; AND TO PROVIDE FOR AN EFFECTIVE DATE.**

BE IT ORDAINED by the Mayor and Council of the City of Wayne, Nebraska:

Section 1. That Chapter 78, Article III, Section 78-132 of the Municipal Code of Wayne, Nebraska, is hereby amended to read as follows:

§ 78-132 PROHIBITED PARKING; SOUTHWEST QUADRANT OF THE CITY.

(a) No person shall, at any time, park a motor vehicle upon the following described streets:

1. The south side of the centerline of West 7<sup>th</sup> Street from the west line of Main Street west to the city limits.
2. The south side of the centerline of West 6<sup>th</sup> Street from the north-south alley between Main Street and Pearl Street west to the east line of Sherman Street.
3. The south side of the centerline of West 5<sup>th</sup> Street from the west line of Pearl ~~Main~~ Street west to the east line of Schoolview Drive.
4. The south side of the centerline of West 4<sup>th</sup> Street from the west line of Pearl Street west to the east line of Schoolview Drive.
5. The south side of the centerline of West 3<sup>rd</sup> Street from the north-south alley between Pearl Street and Lincoln Street west to the east line of Oak Drive.
6. The south side of the centerline of West 2<sup>nd</sup> Street from the north-south alley between Pearl Street and Lincoln Street west to the east line of Blaine Street.
7. The south side of the centerline of West 1<sup>st</sup> Street from the north-south alley between Pearl Street and Lincoln Street west to the east line of Wilcliff Drive.
8. The south side of the centerline of 1<sup>st</sup> Avenue from the west line of Maple Street west to the east line of Birch Street.
9. The north side of the centerline of 2<sup>nd</sup> Avenue from the west line of Maple Street west to the east line of Birch Street.
10. The south side of the centerline of Grainland Road from the west line of Sherman Street west to the city limits.
11. The west side of the centerline of Birch Street from the north line of 1<sup>st</sup> Avenue north to the south line of 2<sup>nd</sup> Avenue.
12. The south side of the centerline of 3<sup>rd</sup> Avenue from the west line of Oak Drive west to the city limits.
13. The east side of the centerline of Oak Drive from the north line of 2<sup>nd</sup> Avenue north to the south line of West 7<sup>th</sup> Street.
14. The east side of the centerline of Maple Street from the north line of Grainland Road north to the south line of 2<sup>nd</sup> Avenue.
15. The east side of the centerline of Wilcliff Drive from the north line of West 1<sup>st</sup> Street north to the south line of West 3<sup>rd</sup> Street.
16. The east side of the centerline of Blaine Street from the north line of Grainland Road north to the south line of West 3<sup>rd</sup> Street.
17. The east side of the centerline of Sherman Street from the south line of West 7<sup>th</sup> Street south to the north line of West 4<sup>th</sup> Street and from the south line of West 3<sup>rd</sup> Street south to the north line of Grainland Road.

18. The east side of the centerline of Douglas Street from the south line of West 7<sup>th</sup> Street south to the city limits.
19. The east side of the centerline of Lincoln Street from the south line of West 7<sup>th</sup> Street south to the city limits.
20. The east side of the centerline of Pearl Street from the north line of West 5<sup>th</sup> Street north to the south line of West 7<sup>th</sup> Street.
21. The west side of the centerline of Pearl Street from the north line of 6<sup>th</sup> Street north to the south line of West 7<sup>th</sup> Street.
22. The south side of the centerline of Clark Street from the west line of Main Street west to the east line of Pearl Street.
23. The west side of the centerline of Main Street from the north line of 4<sup>th</sup> West 6<sup>th</sup> Street north to the south line of 7<sup>th</sup> Street.
24. The north side of the centerline of West 6<sup>th</sup> Street from the west line of Main Street west to the north-south alley between Main Street and Pearl Street.
25. The east side of the center line of Donner Pass from the south line of West 7<sup>th</sup> Street south to the south end of Donner Pass.
26. The south side of the center line of Nathan Drive from the west line of Donner Pass west to the city limits.
27. The west side of the centerline of Sherman Street from the south line of West 4<sup>th</sup> Street south to the north line of West 3<sup>rd</sup> Street.
- 28. The west side of the centerline of Lincoln Street from the north line of West 1<sup>st</sup> Street north 50 feet.**

(b) Appropriate signs shall be placed to advise the public of these prohibited parking regulations

Section 2. Any and all provisions of the Wayne Municipal Code in conflict with this Ordinance are hereby repealed.

Section 3. This ordinance shall take effect and be in full force from and after its passage, approval and publication according to law.

PASSED AND APPROVED this 16<sup>th</sup> day of June, 2015.

THE CITY OF WAYNE, NEBRASKA.

By \_\_\_\_\_  
Mayor

ATTEST:

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

**RESOLUTION NO. 2015-64**

**A RESOLUTION ACCEPTING AND AUTHORIZING THE EXECUTION OF PRELIMINARY ENGINEERING SERVICES AGREEMENT SUPPLEMENTAL AGREEMENT NO. 4 BETWEEN THE CITY OF WAYNE AND OLSSON ASSOCIATES, INC. RELATING TO THE WAYNE TRAIL – PHASE 2 PROJECT STPB-90(4).**

WHEREAS, the City of Wayne and Olsson Associates, Inc., have previously executed a Preliminary Engineer Services Agreement (YK0502) for a transportation project for which the Local Public Agency (LPA) would like to obtain Federal funds; and

WHEREAS, the City of Wayne understands that it must continue to strictly follow all Federal, State and local laws, rules, regulations, policies and guidelines applicable to the funding of this Federal-aid project; and

WHEREAS, the City of Wayne and Olsson Associates, Inc., wish to enter into a preliminary engineering services supplemental agreement setting out modifications and/or additional duties and/or funding responsibilities for the Federal-aid project.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and City Council of Wayne, Nebraska, that Ken Chamberlain, Mayor of the City of Wayne, is hereby authorized to sign the attached Preliminary Engineering Services Supplemental Agreement No. 4 between the City of Wayne and Olsson Associates, Inc.

NDOR Project Number: STPD-90(4)

NDOR Control Number: 31777

NDOR Project Description: Wayne Trail – Phase 2

PASSED AND APPROVED this 16<sup>th</sup> day of June, 2015.

THE CITY OF WAYNE, NEBRASKA,

By \_\_\_\_\_  
Mayor

ATTEST:

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

## SUPPLEMENTAL AGREEMENT #4

CITY OF WAYNE, NEBRASKA  
OLSSON ASSOCIATES, INC.  
PROJECT NO. STPB-90(4)  
CONTROL NO. 31777  
WAYNE TRAIL - PHASE 2

**THIS SUPPLEMENTAL AGREEMENT** is between the City of Wayne ("LPA") and Olsson Associates, Inc. ("Consultant"), collectively referred to as the "Parties".

**WHEREAS**, Consultant and LPA entered into an agreement ("Original Agreement") YK0502 and Supplemental Agreements #1-3, providing for Consultant to provide preliminary engineering services for LPA's Federal Aid project, and

**WHEREAS**, it is necessary that topographic survey, project management, public involvement and final PS & E plans be added under this Supplemental Agreement, and

**WHEREAS**, it is necessary to increase Consultant's compensation by this Supplemental Agreement for the additional work necessary to complete the project.

**WHEREAS**, it is the desire of LPA that the project be constructed under the designation of Project No. STPB-90(4), as evidenced by the Resolution of LPA, attached as EXHIBIT "A" and incorporated herein by this reference, and

**NOW THEREFORE**, in consideration of these facts and mutual promises, the Parties agree as follows:

### **SECTION 1. SCOPE OF SERVICES**

Consultant will perform the additional work as set out in Exhibit "B" Consultant Work Order 1, attached and incorporated herein by this reference.

### **SECTION 2. NOTICE TO PROCEED AND COMPLETION SCHEDULE**

LPA issued Consultant a written Notice-to-Proceed on April 22, 2015. Any work or services performed by Consultant on the project prior to the date specified in the written Notice-to-Proceed is not eligible for reimbursement.

Consultant will complete all work as set out in the Original Agreement, Supplemental Agreement(s) #1-3, and this Supplemental Agreement by March 31, 2016.

### **SECTION 3. FEES AND PAYMENTS**

For the work required, SECTION V FEES AND PAYMENTS of the Original Agreement, as amended in supplement(s) 1-3, is hereby further amended in accordance with Exhibit "B" so that the fixed-fee-for-profit is increased from \$9,933.44 to \$13,081.10, an increase of \$3,147.66. Actual costs are increased from \$86,688.06 to \$112,040.40, an increase of \$25,352.34. The total agreement amount is increased from \$96,621.50 to \$125,121.50, an increase of \$28,500.00 which Consultant must not exceed without the prior written approval of the State.

#### **SECTION 4. ENTIRE AGREEMENT**

The Original Agreement, any and all other previous supplements thereto, and this Supplemental Agreement, constitute the entire agreement ("The Agreement") between the Parties. The Agreement supersedes any and all other previous communications, representations, or other understandings, either oral or written; all terms and conditions of the Original Agreement and all previous supplements thereto, to the extent not superseded, remain in full force and effect, and are incorporated herein as if set forth in their entirety.

#### **SECTION 5. CONSULTANT CERTIFICATION AND REAFFIRMATION**

The undersigned duly authorized representative of Consultant, by signing this Supplemental Agreement, hereby reaffirms, under penalty of law, the truth of the certifications set out in the Original Agreement and all Supplements thereto, including this Supplement. Further, Consultant has a duty to inform LPA of any material changes in the accuracy of all assertions set out in the Original Agreement and all Supplements thereto.

#### **SECTION 6. CERTIFICATION OF LPA**

By signing this Supplemental Agreement, I do hereby certify that, to the best of my knowledge, Consultant or its representative has not been required, directly or indirectly as an express or implied condition in connection with obtaining or carrying out this agreement to:

- (a) employ or retain, or agree to employ or retain, any firm or person, or
- (b) pay or agree to pay to any firm, person, or organization, any fee, contribution, donation, or consideration of any kind.

I acknowledge that this certification is to be furnished to the FHWA, upon their request, in connection with this agreement involving participation of Federal-Aid highway funds and is subject to applicable LPA and federal laws, both criminal and civil.

IN WITNESS WHEREOF, the Parties hereby execute this Supplemental Agreement pursuant to lawful authority as of the date signed by each party. Further, the Parties, by signing this Supplemental Agreement, attest and affirm the truth of each and every certification and representation set out herein.

EXECUTED by Consultant this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

OLSSON ASSOCIATES, INC.  
John S. Olsson, P.E.

\_\_\_\_\_  
Vice President

STATE OF NEBRASKA     )  
                                  )ss  
LANCASTER COUNTY     )

SUBSCRIBED AND SWORN to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

\_\_\_\_\_  
Notary Public

EXECUTED by LPA this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

CITY OF WAYNE  
Ken Chamberlain

\_\_\_\_\_  
Mayor

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

\_\_\_\_\_  
Clerk

STATE OF NEBRASKA  
DEPARTMENT OF ROADS  
Form of Agreement Approved for  
Federal Funding Eligibility

\_\_\_\_\_  
Date

AGRS-1S

# Consultant Work Order (Local Projects)

Project No: <b>STPD 004</b> Consultant (Name and Representative): <b>Olsson Associates Jon G. Olsson</b> LPA (Name and Representative): <b>City of Wayne Joel Hansen</b>	Orders No: <b>31777</b> Agreement No: <b>YK0502</b> Work Order No: <b>/</b> County (Check Order No. if applicable):
---	---

All parties agree the following described work needs to be performed by the consultant as part of the referenced project. All parties concur and hereby give notice to proceed based on the following justification to modify contract: scope of services, deliverables, schedule, and estimated total fee. All other terms of existing agreements between the parties are still in effect. It is understood by all parties that the work described herein will become part of a future supplement to the agreement indicated above.

Justification to modify agreement (include scope of services, deliverables, and schedule):  
 The Consultant Work Order is to address changes that have occurred in ownership of properties where easements have already been secured for the project. Topographic Survey to pick up changes to the topography. This work will also include a field check to identify the accuracy of the survey and to hold a public information meeting.  
 See Exhibit A for Detailed Scope

Work Title	Summary of Fee		
	A Total Direct Labor Cost	=	3,746.10
	B Overhead (Factor * A)	=	5,400.60
	C A + B	=	24,212.70
	D Profit/Fee (Factor ** x C)	=	3,147.66
	E Direct Non-Labor Cost	=	1,139.64
	F Subcontractant Services	=	
	<b>TOTAL FEE: C + D + E + F</b>	<b>=</b>	<b>\$28,500.00</b>
	<input checked="" type="checkbox"/> ESTIMATED TOTAL FEE		<b>\$28,500.00</b>
	<input type="checkbox"/> FINAL TOTAL FEE		

\*Overhead Factor: 176.94%  
 \*\*Profit/Fee Factor: 13.00%

FORM Fee Note: This fee summary is attached as Exhibit B

**Work Order Authorization – May be granted by email and attached to this document.**

Consultant: Olsson Associates

Name	<u>Jon Olsson</u>	Signature		Date	
				<u>4-21-2015</u>	Notice to Proceed will be granted by email by: LPS PC for Preliminary Engineering & CD PC for Construction Engineering
LPA:	<u>City of Wayne</u>				
Name	<u>Joel J. Hansen</u>	Signature		Date	
				<u>4-21-2015</u>	
LPS PC (for Preliminary Engineering) and State Rep. (for Construction Engineering)					
Name	<u>Dette Linder</u>	Signature		Date	
				<u>4/22/15</u>	
LPS Unit Head Review (for PE Phase)					
Name	<u>Mark Sjoberg</u>	Signature		Date	
				<u>4/22/15</u>	
LPS Engineer or Construction Engineer (Construction Phase):					
Name	<u>Daniel Rea</u>	Signature		Date	
				<u>4-22-15</u>	

FHWA (FHWA Approval on Full Oversight Projects Only)

Notice to Proceed Date:  
4/22/15

Distribution: Consultant, LPA, PC, State Rep., FHWA, LPS PC, MOOR, Agreement Engineer, Highway Funds Manager, CD/PC

DR Form 250, March 2014

**Work Order No.**  
**SUPPLEMENTAL SCOPE OF SERVICES**  
**FOR**  
**WAYNE TRAIL, PHASE 2**  
**PROJECT NO. STPB-90(4), CN 31777**

The Scope of Services for this project involves engineering design services required to produce final construction plans and specifications to construct Phase 2 of the Wayne Trail project. The required professional services will include pickup topographic survey, project management, public involvement and finalize PS&E plans for bidding the project.

**I. Project Management.**

- A. General Project Management  
This task includes effort for coordination of staff, NDOR, NEPA and bridge consultants, progress reports, permits, invoices and environmental documents into the final PS&E project and overall project management.
- B. Field Check  
This task includes time for the consultant to conduct a field check, to identify any changes to the existing topography and utilities.
- C. Progress Meetings  
This task allows for up to 2 meetings between the City of Wayne, NDOR and the Consultant.

**II. Public Involvement**

- A. Public Information Meeting- Project Update Meeting  
Consultant will assist the Client in conducting a Public Information Meeting (PIM). The Client will handle inviting the property owners and other stakeholders, advertising for the meeting, and securing a suitable location for the meeting.  
  
Consultant representative will attend the meeting and be available to address questions on project design issues. Consultant will also take notes summarizing the general comments, and review written comments. A summary document of the public comments will be prepared. For those comments requesting/warranting a response, written responses will be drafted for NDOR review and approval prior to mailing by the Client.
- B. Preparation of preliminary set of plans  
Consultant will provide 1 set of 24x36 plans for the PIM.
- C. Preparation of Aerial Exhibits  
Consultant will prepare materials for the PIM consisting of 1 aerial map with the proposed design.

### III. Topographic Survey

#### A. Topographic Survey and DTM (TIN)

Topographic Survey will be needed to pick up changes to the adjacent properties that were discovered during the right of way review. During the last review, concern with the close proximity of two propane tanks and a center pivot in relation to the trail was raised. Additional survey for these items will be required to address these concerns. Other areas needed include two new homes that have been constructed along Grainland Road and a new building that has been constructed on the County Fairgrounds. The following areas have been identified.

- Center pivot located on Tract 2
- Propane tanks on Tract 2
- New homes located along the south side of Grainland Road
- New building on Tract 5 – County Fairgrounds

### IV. Final Design

The services described in this section are necessary to completing the design on this project. Additional hours are being requested due to the amount of time that has passed since final plans had been originally completed. The design work in the original contract had been completed and the plans were made ready to bid in November of 2006. At the time, the project was placed on hold due to factors beyond Olsson's control. Design standards and construction bid items have changed since 2006 and a thorough review of the entire project is necessary to provide that the project can be bid and constructed as previously designed. Additionally, at the request of the City and the NDOR, the current scope of the proposed improvements have changed since the project was previously completed to the final bid plan stage. Additional effort is required to address these requested changes.

#### A. Trail Design plans

This task includes effort to update the plans to current NDOR standards, and address comments per NDOR's 90% design review, including erosion control design review. This work excludes the portion of the trail that was included in supplement agreement # 3.

#### B. ROW plans

The right of way plans will be updated to the most recent title search.

#### C. Utility Coordination

The plans will be distributed to all public and private utilities for comment. This task includes time for coordination via the phone and email with affected utilities. This work excludes the portion of the trail that was included in supplement agreement # 3.

#### D. Quantities

This task includes effort to update quantities (based on revisions) using NDOR standard bid items. This work excludes the portion of the trail that was included in supplement agreement # 3.

- E. Quality Review  
This task includes effort to conduct internal quality reviews of the design and plan sets during the design of the project. This work excludes the portion of the trail that was included in supplement agreement # 3.
- F. NDOR submittals to PS&E – This task was included in supplement agreement #3  
The Consultant shall submit 1 – 24"x36" full size hardcopy plans, 1 – hardcopy of the special provisions, and a pdf version of the plan set and MS Word format of the special provisions.
- G. Address PS&E Review Comments - This task was included in supplement agreement #3  
The Consultant shall address comments made by the PS&E unit during the PS&E review and resubmit final plans and special provisions signed and sealed by a licensed Engineer for bidding.
- H. SWPPP  
When required by the NPDES Construction Stormwater Permit, the Consultant shall provide a Stormwater Pollution Prevention Plan (SWPPP) for the project. The SWPPP shall be developed using NDOR's SWPPP template that will be provided by the Roadside Stabilization Unit. The Roadside Stabilization Unit will complete a redline review of the SWPPP and Erosion Control Plans. The Consultant shall incorporate comments received from the Roadside Stabilization Unit prior to delivery of the final documents.
- I. Miscellaneous  
This task includes completion of the following:
- a) Detailed Comps Sheets
  - b) DR263 PS&E Required Sheet on legal size paper
  - c) DR 342 Project Information Sheet
  - d) DR343E Project Quantity Sheet
  - e) DR415 Length Sheet
  - f) Special Provisions

V,

**PS&E Deliverables**

1. Large set of final plans 24x36 Signed by Engineer
2. Detailed Comps Sheets
3. DR263 PS&E Required Sheet on legal size paper.
4. DR 342 Project Information Sheet
5. DR343E Project Quantity Sheet
6. DR415 length Sheet
7. Special Provisions
8. Location Map
9. ROW Certificates(Local and State), including encroachment form and permits.
10. Status of Utilities this will be asked for by PS&E in PDF format.
11. Soils Report & Compaction Requirements
12. Floodplain Certificate
13. Green Sheets
14. Program Agreement, and other necessary agreements. The PC will normally provide these

NOTE: The top sheet or first sheet will be redone by our PS&E Section and will be sent out to the consultant for signature. The consultant still has to provide the Top sheet with all the details

## Wayne Trail Phase II - Work Order Consultant's Estimate of Hours

Project Name: Wayne Trail - Phase II  
 Project Number: STPB-9049  
 Control Number: 31777  
 Location (City, County): Wayne  
 Firm Name: Olsson Associates  
 Consultant Project Manager: Jon Olsen  
 Phone/Email: 402-450-5614, jolsen@olssonassociates.com  
 LPA Responsible Charge: Jeff Soule  
 Phone/Email: 402-479-3562/ jeff.soule@nebraska.gov  
 NDOR Project Coordinator: \_\_\_\_\_  
 Phone/Email: \_\_\_\_\_  
 Date: April 15, 2015

MAJOR TASKS	PERSONNEL CLASSIFICATIONS**								Total
	PR	PM	SENG	ENG	SDES	LSRV	SENV	ENV	
<b>I. Project Management</b>									<b>46</b>
A. General Project Management									28
B. Field Checks	4	24							12
C. Progress Meetings (2)		5							6
<b>II. Public Involvement</b>									<b>22</b>
A. Public Information Meeting		12							12
B. Preparation of preliminary set of plans					2				2
C. Preparation of Aerial Exhibit					8				8
<b>III. Topographic Survey</b>									<b>30</b>
A. Topographic Survey and DTM (FIN)					30				30
<b>IV. Final Design</b>									<b>136</b>
A. Trail Design Plans		2		10	20				32
B. ROW Plans		4		24	20				48
C. Utility Coordination		4							4
D. Utilities				10	10				20
E. Utility Review		8							8
F. NDOR submits to PS&E									
G. Address PS&E Review Comments									
H. SWPPP	4	8							12
I. Miscellaneous									
a) Detailed Comp Sheets		1							1
b) DR363 PS&E Required Sheet		0.5							0.5
c) DR342 Project Information Sheet		0.5							0.5
d) DR343E Project Quantity Sheet		1							1
e) DR415 Length Sheet		1							1
f) Grouping Right of Way Permit - Highway 74-15		2							2
<b>Total Hours</b>	<b>8</b>	<b>86</b>		<b>44</b>	<b>90</b>				<b>228</b>
<b>Total Days (8 hrs)</b>	<b>1.0</b>	<b>10.8</b>		<b>5.5</b>	<b>11.3</b>				<b>26.5</b>

**CLASSIFICATIONS\*\***

PR = Principal  
 PM = Project Manager  
 SENG = Senior Engineer  
 ENG = Engineer  
 SDES = Senior Designer/Technician  
 LSRV = Survey Crew Chief Licensed Surveyor  
 SENV = Senior Environmental Scientist  
 ENV = Environmental Scientist

\*\* For User-Defined Classifications, you will need to edit the Classifications Legend located above. To enter a new classification, replace "DOT" with its abbreviation (ex. GRA) and replace



## Wayne Trail Phase II - Supplemental No. 4 Direct Expenses

**Project Name:** Wayne Trail - Phase II  
**Project Number:** STPB.90(4)  
**Control Number:** 31777  
**Location (City, County):** Wayne  
**Firm Name:** Olsson Associates  
**Consultant Project Manager:** Jon Olsen  
**Phone/Email:** 402-458-5614, jolsen@olssonassociates.com  
**LPA Responsible Charge:** Jeff Soula  
**Phone/Email:** 402-479-3562, jeff.soula@nebraska.gov  
**NDOR Project Coordinator:**  
**Phone/Email:**  
**Date:** April 15, 2015

Subconsultants:	Quantity	Unit Cost	Amount
<b>Subtotal</b>			
<b>Printing and Reproduction:</b>			
Half Size Prints During Design	600	\$0.25	\$150.00
Full Size Prints PS&E Submittal	150	\$1.00	\$150.00
Final Signed Plans	150	\$1.00	\$150.00
<b>Subtotal</b>			\$450.00
<b>Mileage/Travel:</b>			
Assume 2 trips to project site and local trips for NDOR meetings	500	\$0.56	\$280.00
<b>Subtotal</b>			\$280.00
<b>Lodging/Meals:</b>			
Lunch (1 trip to Wayne)	1	11	\$11.00
<b>Subtotal</b>			\$11.00
<b>Other Miscellaneous Costs:</b>			
Miscellaneous copies and other direct bill items	1	\$398.64	\$398.64
			\$398.64
<b>TOTAL DIRECT EXPENSES</b>			<b>\$1,139.64</b>

2012 Standard Rates*		Rate	
Type		Statewide	Omaha/Douglas County
Company Automobile		Prevailing standard rate as established by the IRS, currently \$0.51/mi	
Survey Vehicle		Prevailing standard rate as established by the IRS, currently \$0.535/mi	
Black and White Copies		Actual reasonable cost	
Color Copies		Actual reasonable cost	
Miscellaneous Postage, Mailing, Deliveries Etc		Actual reasonable cost	
Equipment		Actual reasonable cost	
Privately Owned Vehicle		Actual reimbursement amount to employee, not to exceed rates for company vehicles outlined above	
Automobile Rental		Actual reasonable cost	
Air fare		Actual reasonable cost, giving the State all discounts	
Lodging		Actual cost, (excluding taxes & fees), not to exceed federal GSA reimbursement guidelines, not to exceed \$77 per person daily statewide, not to exceed \$104 in Omaha/Douglas County	
Meals		Actual cost, not to exceed federal GSA reimbursement guidelines, currently	
		<b>Statewide</b>	<b>Omaha/Douglas County</b>
Breakfast		\$7.00	\$10.00
Lunch		\$11.00	\$15.00
Dinner		\$23.00	\$31.00
Incidentals		\$5.00	\$5.00
Totals		\$46.00	\$61.00

## Wayne Trail Phase II - Supplemental No. 4 Cost by Task

Project Name: Wayne Trail - Phase II  
 Project Number: STPB-90(4)  
 Control Number: 31777  
 Location (City, County): Wayne  
 Firm Name: Olsson Associates  
 Consultant Project Manager: Jon Olsen  
 Phone/Email: 402-498-5614, jolsen@olssonassociates.com  
 LPA Responsible Charge: Jeff Soula  
 Phone/Email: 402-475-3562, jeff.soula@nebraska.gov  
 NDOR Project Coordinator: \_\_\_\_\_  
 Phone/Email: \_\_\_\_\_  
 Date: April 15, 2015

Major Tasks	Total Hours	Direct Labor Cost	Overhead 176.84%	Fixed Fee 13.00%	Total Project Cost
I. Project Management	48	\$2,465.40	\$4,359.81	\$887.28	\$7,712.49
II. Public Involvement	22	\$888.30	\$1,570.87	\$319.89	\$2,779.06
III. Topographic Survey	30	\$778.50	\$1,378.70	\$280.18	\$2,437.38
IV. Final Design	130	\$4,813.90	\$8,599.22	\$1,660.51	\$14,433.63
Direct Expenses					\$1,139.64
<b>TOTAL</b>	<b>228</b>	<b>\$8,746.10</b>	<b>\$15,466.80</b>	<b>\$3,147.66</b>	<b>\$28,500.00</b>

## Wayne Trail Phase II - Supplemental No. 4 Project Cost

Project Name: Wayne Trail - Phase II  
 Project Number: STPB-90(4)  
 Control Number: 31777  
 Location (City, County): Wayne  
 Firm Name: Oisson Associates  
 Consultant Project Manager: Jon Olsen  
 Phone/Email: 402-458-5514 jolsen@oissonassociates.com  
 LPA Responsible Charge: Jeff Soula  
 Phone/Email: 402-479-3562/ jeff.soula@nebraska.gov  
 NDOR Project Coordinator: \_\_\_\_\_  
 Phone/Email: \_\_\_\_\_  
 Date: April 15, 2015

<b>Direct Labor Costs:</b>			
Personnel Classification	Hours	Rate	Amount
Principal	8	\$68.15	\$529.20
Project Manager	86	\$52.40	\$4,505.40
Senior Engineer			
Engineer	44	\$31.25	\$1,375.00
Senior Designer/Technician	90	\$25.95	\$2,335.50
Survey Crew Chief/Licensed Surveyor			
Senior Environmental Scientist			
Environmental Scientist			
<b>TOTALS</b>	<b>228</b>		<b>\$8,746.10</b>

<b>Direct Expenses:</b>		Amount
Subconsultants		
Printing and Reproduction Costs		\$450.00
Mileage/Travel		\$280.00
Lodging/Meals		\$11.00
Other Miscellaneous Costs		\$398.64
<b>TOTALS</b>		<b>\$1,139.64</b>

<b>Total Project Costs:</b>		Amount
Direct Labor Costs		\$8,746.10
Overhead @ 176.840%		\$15,466.60
Total Labor Costs		\$24,212.70
Fixed Fee @ 13.00%		\$3,147.66
Direct Expenses		\$1,139.64
<b>PROJECT COST</b>		<b>\$28,500.00</b>

## Wayne Trail Phase II - Supplemental No. 4 Assumptions - Notes

Project Name: Wayne Trail Phase II  
 Project Number: STW-104  
 Contract Number: 10111  
 Location (City, County): Wayne  
 Firm Name: JACOBS Associates  
 Consultant Project Manager: Jim Smith  
 UPA Responsible Charge: 616-436-9174 jsmith@jacobs.com  
 Project Email:  
 NCOE Project Coordinator:  
 Phase Email:  
 Date: April 15, 2013

### Assumptions and Notes

Task	Assumption and Notes
<b>I. Project Management</b>	
I.1. Job Cost Management	
I.2. Field Tests	1. 100% of field tests completed
I.3. Progress Meetings	2. 100% of NCOE - 1 Legal or 3 meetings - 1 day
I.4. Project Development	
I.5. Survey Information Meetings	1. 100% of field tests completed 2. Full size sets of plans - includes time for preparation for sign-off sheet, construction permits, etc.
I.6. Preparation of Construction Set of Plans	1. 100% of field tests completed
I.7. Preparation of Survey Exhibit	1. 100% of field tests completed
<b>II. Topographic Survey</b>	
II.1. Topographic Survey with 3D/4D/5D	2. Survey over 1000 points - 1000 points - 1. 100% of field tests completed
<b>III. Final Design</b>	
III.1. Final Design	1. 100% of field tests completed
III.2. Final Design	1. 100% of field tests completed
III.3. Final Design	1. 100% of field tests completed
III.4. Final Design	1. 100% of field tests completed
III.5. Final Design	1. 100% of field tests completed
III.6. Final Design	1. 100% of field tests completed
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**RESOLUTION NO. 2015-65**

**A RESOLUTION APPROVING LOWER ELKHORN NRD MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN UPDATE.**

**WHEREAS**, the Federal Disaster Mitigation Act of 2000 was signed into law on October 30, 2000, placing new emphasis on state and local mitigation planning for natural hazards and requiring communities to adopt a hazard mitigation action plan to be eligible for pre-disaster and post-disaster federal funding for mitigation purposes; and

**WHEREAS**, a Multi-jurisdictional Hazard Mitigation Plan was prepared by Lower Elkhorn Natural Resources District with assistance from JEO Consulting Group, Inc., of Lincoln, Nebraska, which includes the jurisdiction of the City of Wayne; and

**WHEREAS**, the purpose of the mitigation plan was to lessen the affects of disasters by increasing the disaster resistance of the District and participating jurisdictions located within the planning boundary by identifying the hazards that affect the District and prioritize mitigation strategies to reduce potential loss of life and property damage from those hazards; and

**WHEREAS**, FEMA regulations require documentation that the plan has been formally adopted by the governing body of the City of Wayne in the form of a Resolution and further requesting approval of the plan at the Federal Level; and

**NOW, THEREFORE, BE IT RESOLVED** by the Mayor and Council of the City of Wayne, Nebraska, that the governing body of the City of Wayne does herewith adopt the Lower Elkhorn NRD Multi-Jurisdictional Hazard Mitigation Plan in its entirety.

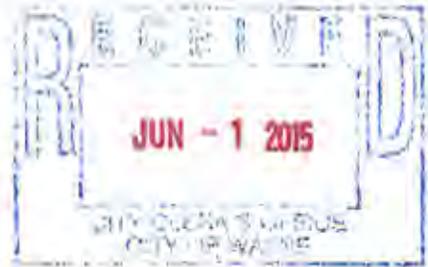
PASSED AND APPROVED this 16<sup>th</sup> day of June, 2014.

THE CITY OF WAYNE, NEBRASKA,

By \_\_\_\_\_  
Mayor

ATTEST:

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



May 27, 2015

City of Wayne  
Attn: Betty A. McGuire, Clerk  
PO Box 8  
Wayne NE 68787-0008

Re: Lower Elkhorn NRD Multi-Jurisdictional Hazard Mitigation Plan  
Approved Final Plan & Adoption Letter

Dear Betty:

Thank you for your participation throughout the last couple of years with the **Lower Elkhorn NRD Hazard Mitigation Plan Update**. Your hard work and participation has paid off! The plan has been approved by FEMA and is ready to be formally adopted by your governing body.

The plan has been set up so that the City of Wayne, along with the fifty other participating jurisdictions, will be eligible to pursue grant applications for any project which meet the FEMA grant criteria. Attached is a 'sample' resolution that will need to be adopted by the governing body of Wayne to qualify as a participant in the Lower Elkhorn NRD Hazard Mitigation Plan Update. The adopted resolution should then be returned to JEO Consulting Group, Inc. for submittal to NEMA/FEMA.

Please return the signed, adopted resolution to:

Jeff Henson  
JEO Consulting Group, Inc.  
2700 Fletcher Ave.  
Lincoln NE 68504

Thank you for your participation in this project and please let me know if you have any questions. Once you adopt this plan, the City of Wayne will become eligible for project grant funding to assist with implementation of actions in this plan.

Sincerely,

Faythe Petersen, Region 11 Emergency Manager  
Lower Elkhorn NRD Project Manager

Enclosures (1)

pc: Jeff Henson, JEO Consulting Group, Inc.  
Nic Kemnitz, Wayne County Emergency Manager

**Lower Elkhorn Natural Resources District  
(LENRD)**

**Multi-Jurisdiction Hazard Mitigation Plan Update**

2014



**Lower Elkhorn  
Natural Resources District**  
*protecting lives · protecting property · protecting the future.*



<b>LENRD Board of Directors</b>	<b>Subdistrict</b>
Bill Meyer	1
Mike Krueger	1
Chris Carlson	2
Kenneth Peitzmeier	2
Marion R. Shafer	3
Robert Huntley	3
Tim Tighe	4
Rod Zessin	4
Garry Anderson	5
Dave Shelton	5
Danny Kluthe	6
Dennis Schiltz	6
Roger Gustafson	7
Gary Loftis	8
Joel J. Hanson	Director At Large

<b>Planning Committee</b>	<b>Title</b>
Stan Staab, LENRD	General Manager
Ken Berney, LENRD.	Assistant General Manager
Faythe Petersen, Norfolk & Region 11	Region 11 Emergency Manager
Lowell Johnson, City of Wayne	City Administrator
John Johnson, Madison & Pierce Counties	Planning / Zoning
LaLene Bates, Stanton County	Stanton County Zoning Administrator
Dick Johnson	Madison County HWY Superintendent
Tom Goulette	West Point, City Administrator
Mitch Paine, NDNR	Flood Mitigation Planning Coordinator
John Callen, NDNR	Water Resource Engineer
Mary Baker, NEMA	State Hazard Mitigation Officer
Miranda Rogers+, NEMA	Mitigation Planning Specialist
*Lalit Jha, JEO Consulting Group, Inc.	Project Manager
*Jeffrey Henson, JEO Consulting Group, Inc.	Planner
*Alessandra Jerolleman, JEO Consulting Group, Inc.	Senior Planner

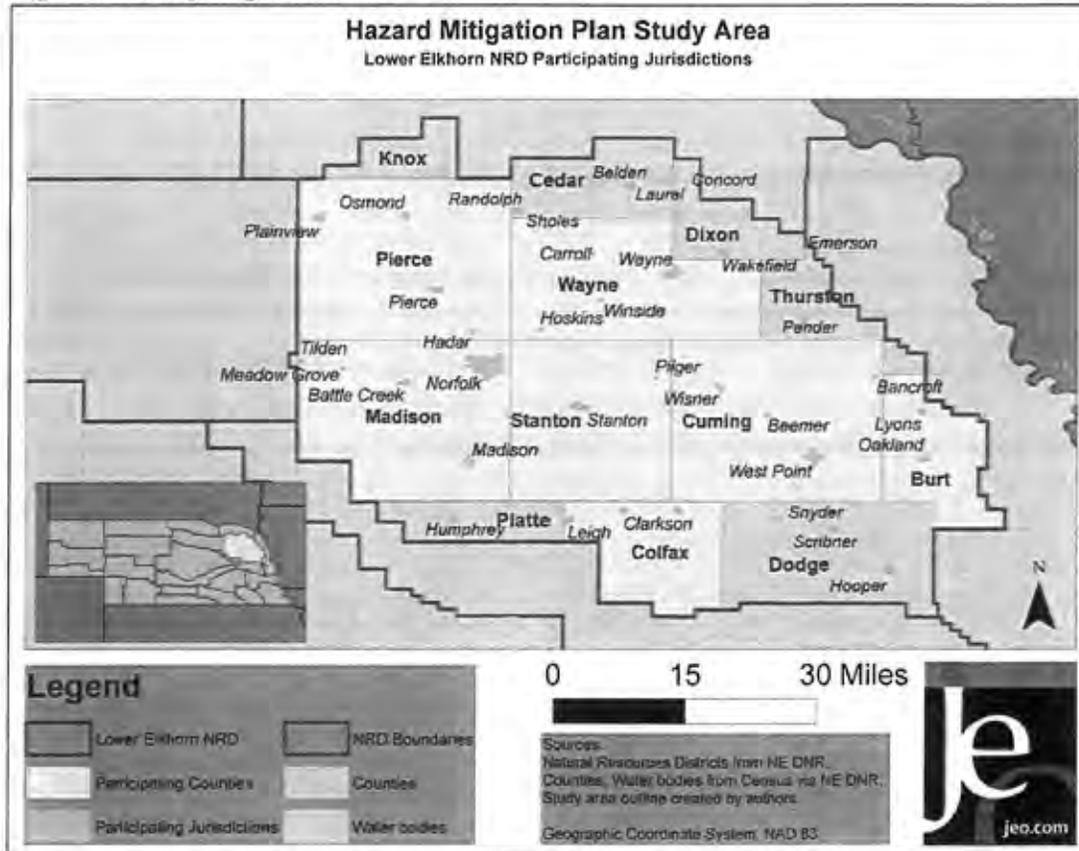
\*Served in an advisory or consultant role

+ External Contributors participated for part of the planning process

## EXECUTIVE SUMMARY

In June of 2012, Lower Elkhorn Natural Resource District (LENRD) decided to update their hazard mitigation plan in compliance with the 5-year update requirement established by the Disaster Mitigation Act of 2000 (DMA 2000). This updated plan was prepared in order to reduce the participating communities' vulnerability to natural and manmade hazards and maintain their eligibility for the Federal Emergency Management Agency (FEMA) pre-disaster grant opportunities. This LENRD Hazard Mitigation Plan Update is a multi-jurisdictional plan which covers the following local governments that participated in the planning process.

**Figure 1: Participating Jurisdictions**



**Table 1: Participating Jurisdictions**

Direct Participants	
Lower Elkhorn NRD	
Burt County	Village of Lyons, City of Oakland
Cedar County*	Village of Belden, City of Laurel, City of Randolph
Colfax County	City of Clarkson, Village of Howells, Village of Leigh
Cuming County	Village of Beemer, City of West Point, City of Wisner
Dakota County*	Village of Emerson
Dixon County*	Village of Concord, City of Wakefield
Dodge County*	City of Hooper, City of Scribner, City of Snyder

Madison County	City of Battle Creek, City of Madison, Village of Meadow Grove, City of Norfolk, City of Tilden	
Pierce County	Village of Hadar, City of Osmond, City of Pierce, City of Plainview	
Platte County*	City of Humphrey	
Stanton County	Village of Pilger, City of Stanton	
Thurston County*	Village of Pender	
Wayne County	Village of Carroll, Village of Hoskins, Village of Wakefield, City of Wayne, Village of Winside	
Ponca Tribe		
<b>In-Direct Participants</b>		
Oakland-Craig Public Schools	Pierce Public Schools	
Stanton Community Schools	Wakefield Community Schools	
Wayne Community Schools	West Point Public Schools	
Wisner-Pilger Public Schools	Village of Bancroft	
Village of Sholes		

\* Counties which are NOT participating in the planning process.

Some of the counties which the LENRD operates in are participants in other mitigation plans and did not participate in this update. Cedar and Dixon Counties are direct participants in the Cedar Dixon HMP. Antelope County is a direct participant in the Tri County HMP for Antelope, Holt, and Knox Counties. Dakota and Thurston Counties are participants in the Papio Missouri River NRD HMP. Dodge County is a participant in the Lower Platte North HMP. Platte County is a participant in the Lower Loup NRD. Participants which elected to be indirect participants did so because they could not attend all required meetings or wanted technical expertise provided by their county; or in the case of Wakefield Public Schools, the City of Wakefield itself. All indirect participants completed STAPLEEs, Risk Assessments<sup>1</sup>, and letters of resolution authorizing a selected direct participant to more fully represent them in the planning process.

The purpose of this plan update is to identify hazards, assess the vulnerability of each participating jurisdiction to the various hazards, determine potential losses associated with the hazards, examine the capabilities in place and develop sound mitigation alternatives to reduce these vulnerabilities. This update builds upon the prior hazard mitigation plan developed by LENRD in 2009 by expanding upon the existing risk assessment, incorporating additional hazards as identified in the 2014 Nebraska State Hazard Mitigation Plan, incorporating a capability assessment, and the identification of a greater range of mitigation strategies and project types.

The potential for substantial damages as a result of natural or manmade disasters presents a likelihood for impacts to the health, safety, and welfare of all citizens in the planning area. The risk assessment process led to the development of specific goals and objectives which helped to identify a wide range of mitigation strategies and projects for participating jurisdictions. Some of the most significant changes in this update are: the inclusion of manmade hazards based on the threats addressed in the 2014 State of Nebraska’s Hazard Mitigation Plan; greater efforts to reach out to and include stakeholder groups; an expanded risk assessment for both the entire planning area as well as for each participating jurisdiction; and the inclusion of both generalized mitigation strategies and specific projects that will help build stronger more resilient communities.

This update also works to unify the various planning mechanisms in place throughout the planning area to ensure that the goals and objectives identified in those planning mechanisms are consistent with what is identified in this plan. To achieve this, the “Safe Growth Audit” developed by FEMA and the American Planning Association (APA) was employed to evaluate the documents currently in place and to guide the growth

<sup>1</sup> Sholes did not complete a standalone risk assessment. Wayne County completed one in their place.

of participating jurisdictions in the future. There were efforts made to perform a more thorough examination of the risks and threats facing each participating jurisdiction and what could be done to reduce these threats and risks. This plan identifies specific goals and objectives based on the risk assessment process. These goals are to:

**GOAL 1: PROTECT THE HEALTH AND SAFETY OF RESIDENTS**

*Objective 1.1: Reduce or prevent damage to property or prevent loss of life or serious injury (overall intent of the plan).*

**GOAL 2: REDUCE FUTURE LOSSES FROM HAZARD EVENTS**

*Objective 2.1: Provide protection for existing structures, future development, critical facilities, services, utilities, and trees to the extent possible.*

*Objective 2.2: Develop hazard specific plans, conduct studies or assessments, and retrofit jurisdiction to mitigate for hazards and minimize their impact.*

*Objective 2.3: Minimize and control the impact of hazard events through enacting or updating ordinances, permits, laws, or regulations.*

**GOAL 3: INCREASE PUBLIC AWARENESS AND EDUCATE ON THE VULNERABILITY TO HAZARDS**

*Objective 3.1: Develop and provide information to residents and businesses about the types of hazards they are exposed to, what the effects may be, where they occur, and what they can do to be better prepared.*

**GOAL 4: IMPROVE EMERGENCY MANAGEMENT CAPABILITIES**

*Objective 4.1: Develop or improve Emergency Response Plan and procedures and abilities.*

*Objective 4.2: Develop or improve Evacuation Plan and procedures.*

*Objective 4.3: Improve warning systems and ability to communicate to residents and businesses during and following a disaster or emergency.*

**GOAL 5: PURSUE MULTI-OBJECTIVE OPPORTUNITIES (WHENEVER POSSIBLE)**

*Objective 5.1: When possible, use existing resources, agencies, and programs to implement the projects.*

*Objective 5.2: When possible, implement projects that achieve several goals.*

This plan is comprised of seven sections which are described as follows:

**Section One – Introduction:** This section introduces hazard mitigation planning, including an overview of DMA2000, benefits of utilizing the multi-jurisdictional approach, and plan financing and preparation.

**Section Two – Planning Process:** This section outlines the hazard mitigation planning process used for development of the plan, including hazard identification, resource organization, risk assessment, structural inventory, mitigation strategy, and plan implementation and maintenance. The Planning Team, public involvement and participation, participating jurisdictions, as well as general plans, documents, and additional information used throughout the planning process are also listed in this section.

**Section Three – Community Profile and Capability Assessment:** This section provides an overall profile of the planning area including geography, climate, demographics, assets, and direct and indirect participant profiles, as well as local capabilities to ensure implementation.

**Section Four – Risk Assessment:** This section contains the risk assessment for the overall planning area including hazard identification, hazard background, historical occurrences, vulnerability assessment, potential losses, and future development and vulnerability for all participants.

**Section Five – Mitigation Strategy:** This section discusses the establishment of goals and objectives for all participants. The goals and objectives provide the framework for identifying mitigation alternatives or 'action items', the on-the-ground activities to reduce the effects of natural hazards. All action items were evaluated by the participants using the FEMA recommended 'STAPLEE' process. The complete list by participant can be found at the end of this section.

**Section Six – Plan Implementation and Maintenance:** This section contains recommendations for plan implementation and maintenance, including the monitoring of hazards, establishment of a panel for the annual plan review, and an outline of the process for updating the plan in the future.

**Section Seven – Participant Sections:** Participant sections provide information specific to each individual plan participant. The risk assessment includes a participant specific hazard identification summary and description of structural inventory and valuation. Also, maps specific to each participant can be found in their respective sections.

**RESOLUTION NO. 2015-66**

**A RESOLUTION REAFFIRMING THE PROJECT ENGINEER AND APPROVING THE PLANS, SPECIFICATIONS AND ESTIMATE OF COST FOR THE "2015 WASTEWATER TREATMENT FACILITY IMPROVEMENTS" (WAYNE BIOSOLIDS HANDLING IMPROVEMENT PROJECT) FOR SUBMISSION TO NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY TO REVIEW, AND AUTHORIZING THE CITY CLERK TO ADVERTISE FOR BIDS.**

BE IT RESOLVED by the Mayor and Council of the City of Wayne, Nebraska, that the hiring of JEO Consulting Group, Inc., as engineers for the "2015 Wastewater Treatment Facility Improvements" (Wayne Biosolids Handling Improvement Project) is hereby reaffirmed, and that the plans, specifications and estimate of cost of being \$1,600,000 to \$1,800,000, as prepared by the City's engineer and filed in the office of the City Clerk for the said project, are hereby approved for submission to the Nebraska Department of Environmental Quality to review, and the City Clerk is directed to advertise for bids in the form of the notice prepared by the City's Engineer.

PASSED AND APPROVED this 16<sup>th</sup> day of June, 2015.

THE CITY OF WAYNE, NEBRASKA.

By \_\_\_\_\_  
Mayor

ATTEST:

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



June 9, 2015

Lowell Johnson, City Administrator  
City of Wayne  
PO Box 8  
Wayne, NE 68787

RE: Wayne, Nebraska  
2015 Wastewater Treatment Facility Improvements  
JEO Project No. 140876

Dear Lowell:

Enclosed are three sets of plans and specifications for the above referenced project. Following our design meeting last week, we updated the plans to reflect requested changes. We propose to submit them to NDEQ and begin advertising for bid letting.

We proposed the bid letting be held on July 29, 2016 at 10:00 so that the project can be awarded at the first August meeting. The engineer's opinion of cost for the project is \$1,600,000 to \$1,800,000 (see attached). We have specified a substantial completion date of August 1, 2016 and final completion of September 1, 2016 for construction.

Please advise if you have any comments or questions.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Roger S. Protzman', is written over a light blue horizontal line.

Roger S. Protzman, PE  
Senior Project Engineer

RSP:skw  
Enclosure

140948LTR060915.docx

## ENGINEER'S FINAL OPINION OF PROBABLE COST

2015 Wastewater Treatment Facility Improvements, Phase 3,4,&amp;5

Wayne, Nebraska

JEO Project No. 140876

Date Prepared:

June 1, 2015



## ESTIMATE OF QUANTITIES

Item #	Description	Unit	Quantity	Unit Price	Total
<b>GROUP A - Site Work &amp; Digester</b>					
1.	Mobilization	LS	1	\$80,000.00	\$80,000
2.	Bonding and Insurance	LS	1	\$30,000.00	\$30,000
3.	Excavation, Established Quantity	CY	2,000	\$8.00	\$16,000
4.	Erosion Control, Complete	LS	1	\$5,000.00	\$5,000
5.	6" DIP	LF	320	\$55.00	\$17,600
6.	6" Unlined DIP	LF	220	\$55.00	\$12,100
7.	4" DIP	LF	100	\$45.00	\$4,500
8.	10" DIP	LF	350	\$65.00	\$22,750
9.	Connect to Existing	EA	6	\$1,000.00	\$6,000
10.	10" Tee, M.J.	EA	1	\$750.00	\$750
11.	10" Gate Valve & Box, M.J.	EA	1	\$1,700.00	\$1,700
12.	10" 22.5" Bend, M.J.	EA	2	\$400.00	\$800
13.	10" Tapping Tee & Valve	EA	1	\$5,000.00	\$5,000
14.	10" FM Crossing	LS	1	\$2,000.00	\$2,000
15.	6" 90° Bend, FL.	EA	12	\$350.00	\$4,200
16.	6" 90° Bend, M.J.	EA	20	\$375.00	\$7,500
17.	6" 45° Bend, M.J.	EA	10	\$375.00	\$3,750
18.	6" 22.5" Bend, M.J.	EA	5	\$375.00	\$1,875
19.	6" Cross, M.J.	EA	1	\$750.00	\$750
20.	6" Tee, M.J.	EA	6	\$500.00	\$3,000
21.	6" Wall Sleeve	EA	6	\$250.00	\$1,500
22.	6" Flex Coupling	EA	8	\$500.00	\$4,000
23.	6" Plug Valve, M.J.	EA	9	\$1,300.00	\$11,700
24.	6" Telescoping Valve, Complete	EA	2	\$10,000.00	\$20,000
25.	Cleanout	EA	1	\$1,500.00	\$1,500
26.	48" Dia. Concrete Manhole	VF	7	\$500.00	\$3,500
27.	Air Diffuser Assemblies w/ Slide Rails	LS	1	\$100,000.00	\$100,000
28.	Structural Concrete	CY	350	\$800.00	\$280,000
29.	Misc. Metals, Grating, Handrail, Etc.	LS	1	\$15,000.00	\$15,000
30.	7" Concrete Pavement	SY	400	\$50.00	\$20,000
31.	Subgrade Preparation	SY	400	\$10.00	\$4,000
32.	Remove Pavement	SY	400	\$10.00	\$4,000
33.	4" Concrete Sidewalk	SF	1,100	\$8.00	\$8,800
34.	Electrical	LS	1	\$35,000.00	\$35,000
35.	2" PE Water Service (SDR 7)	LF	100	\$12.00	\$1,200
36.	1" PE Water Service (SDR 7)	LF	110	\$10.00	\$1,100
37.	1" Yard Hydrant	EA	2	\$500.00	\$1,000
38.	Connect to Existing Water Main	LS	1	\$1,000.00	\$1,000
Construction Subtotal				Group A	\$738,580
Contingency				10%	\$73,860
<b>Total Opinion of Construction Cost - Group A</b>					<b>\$812,440</b>

<b>GROUP B - Biosolids Building &amp; Sludge Pit Piping</b>						
1.	Biosolids Building	SF	930	\$225.00	\$209,250	
2.	Interior Piping	LS	1	\$10,000.00	\$10,000	
3.	6" Mag Meter	EA	1	\$4,500.00	\$4,500	
4.	Belt Filter Press, Complete	LS	1	\$235,000.00	\$235,000	
5.	Polymer Feed System, Complete	LS	1	\$35,000.00	\$35,000	
6.	Air Compressor, Complete	LS	1	\$8,500.00	\$8,500	
7.	Building Plumbing and Trench Drains	LS	1	\$15,000.00	\$15,000	
8.	Electrical	LS	1	\$50,000.00	\$50,000	
9.	Control Integration	LS	1	\$20,000.00	\$20,000	
10.	Drying Pad Inlet Boxes	EA	2	\$3,000.00	\$6,000	
11.	Curb Wall	LF	130	\$80.00	\$10,400	
12.	7" Concrete Pavement	SY	510	\$50.00	\$25,500	
13.	Landscaping Rock w/ Fabric	SY	113	\$30.00	\$3,390	
14.	Sludge Pit Piping & Modifications	LS	1	\$7,500.00	\$7,500	
15.	6" Knife Gate Valve	LS	1	\$1,500.00	\$1,500	
16.	6" Plug Valve, FL	LS	1	\$1,300.00	\$1,300	
17.	6" Swing Check Valve, FL	LS	1	\$1,500.00	\$1,500	
18.	4" Plug Valve, FL	LS	2	\$1,200.00	\$2,400	
19.	Spare Rotary Lobe Pump	EA	1	\$18,000.00	\$18,000	
				Construction Subtotal	Group B	\$664,740
				Contingency	10%	\$66,480
				<b>Total Opinion of Construction Cost - Group B</b>		<b>\$731,220</b>
<b>GROUP C - Blower Building Modifications &amp; Clarifier Covers</b>						
1.	50 Hp Blowers	EA	2	\$25,000.00	\$50,000	
2.	Modify Existing Blower	EA	1	\$5,000.00	\$5,000	
3.	Move and Reinstall 40 Hp Blowers w/ Sheaves	EA	2	\$3,500.00	\$7,000	
4.	Interior Air Piping	LS	1	\$10,000.00	\$10,000	
5.	6" Butterfly Valve, FL	EA	5	\$650.00	\$3,250	
6.	Electrical	LS	1	\$60,000.00	\$60,000	
7.	Mechanical/HVAC	LS	1	\$20,000.00	\$20,000	
8.	Install Clarifier Covers	LS	1	\$50,000.00	\$50,000	
				Construction Subtotal	Group C	\$205,250
				Contingency	10%	\$20,530
				<b>Total Opinion of Construction Cost - Group C</b>		<b>\$225,780</b>
				Construction Subtotal - All Groups		\$1,608,570
				Contingency		\$160,870
				<b>Total Opinion of Construction Cost - All Groups</b>		<b>\$1,769,440</b>

**RESOLUTION NO. 2015-67**

**A RESOLUTION ACCEPTING BID AND AWARDING CONTRACT ON THE  
"WAYNE AQUATIC CENTER PROJECT."**

WHEREAS, \_\_\_\_\_ bids were received on June 12, 2015, on the "Wayne Aquatic Center Project;" and

WHEREAS, the bids have been reviewed by the City's engineer on the project, JEO Consulting Group, Inc.; and

WHEREAS, JEO Consulting Group, Inc., is recommending that the contract be awarded to \_\_\_\_\_.

NOW, THEREFORE, BE IT RESOLVED, by the Mayor and Council of the City of Wayne, Nebraska, that they find and declare that the bid for the "Wayne Aquatic Center Project," as submitted by the following contractor, is reasonable and responsive, and the same is hereby accepted:

**Bidder**

**Amount**

BE IT FURTHER RESOLVED, that the bid, as set forth and filed with the City Clerk in accordance with the general terms calling for the proposals for the furnishing of labor, tools, materials, and equipment required for said project in the City of Wayne, Nebraska, be and the same is hereby accepted.

BE IT FURTHER RESOLVED, that the Mayor be, and he is hereby instructed and authorized to enter into a contract on behalf of the City of Wayne, Nebraska, with the contractor for the above project, and the City Administrator is authorized to approve and execute change orders in amounts not to exceed five percent of the contract amount.

PASSED AND APPROVED this 16<sup>th</sup> day of June, 2015.

THE CITY OF WAYNE, NEBRASKA,

By \_\_\_\_\_  
Mayor

ATTEST:

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



June 5, 2015



Lowell Johnson, City Administrator  
City of Wayne  
PO Box 8  
Wayne, NE 68787

RE: Wayne, Nebraska  
2015 Wayne Storm Shelter  
JEO Project No. 140948

Dear Lowell:

Enclosed are three copies of Application for Payment No 1 for the above referenced project. The project appears to be coming along well. The application includes requests for payment for mobilization, earthwork, footings, wall material including reinforcing and some minor ancillaries. We recommend approval of payment in the amount of \$45,425.00 to OCC Builders Inc. The City should also check with the grant administrator prior to payment to make sure payrolls are current. We checked and they are current but the administrator indicated she is looking for some minor corrections from the Contractor.

JEO is up to date on shop drawing review and city staff is reviewing the construction. There was some additional work done by the contractor to over excavate after the old footings were removed to remove some unsuitable soil. This was done at the recommendation of CTS doing a site review before backfill was completed. Some additional compensation may be due the contractor for these efforts.

If you have any questions, please feel free to contact this office.

Sincerely,

A handwritten signature in blue ink that reads 'Roger S. Protzman'.

Roger S. Protzman, PE  
Senior Project Engineer

RSP:skw  
Enclosure

Pc: Otte Construction Company

140948LTR060515.docx



# AIA Document G702™ - 1992

## Application and Certificate for Payment

**TO OWNER:** CITY OF WAYNE  
306 PEARL STREET  
WAYNE, NE 68787

**FROM CONTRACTOR:** OCC BUILDERS, LLC  
521 CENTENNIAL ROAD  
WAYNE, NE 68787

**PROJECT:** 2015 WAYNE STORM SHELTER  
5TH & WALNUT STREETS

**APPLICATION NO:** 01  
**PERIOD TO:** 5-31-2015

**CONTRACT FOR:** VIA ARCHITECT: JEO CONSULTING GROUP, INC.  
2700 FLETCHER AVENUE  
Lincoln, NE 68504

**CONTRACT DATE:** PROJECT NOS: 13-CIS-106

**Distribution to:** OWNER   
ARCHITECT   
CONTRACTOR   
FIELD   
OTHER

### CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract AIA Document G703™, Continuation Sheet, is attached.

1. ORIGINAL CONTRACT SUM ..... \$ 179,407.00
2. NET CHANGE BY CHANGE ORDERS ..... \$ 0.00
3. CONTRACT SUM TO DATE (Line 1 + 2) ..... \$ 179,407.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703) ..... \$ 50,473.00

#### 5. RETAINAGE:

- a. 10 % of Completed Work (Columns D + E on G703) \$ 5,048.00
- b. % of Stored Material (Column F on G703) \$

Total Retainage (Lines 5a + 5b, or Total in Column I of G703) ..... \$ 5,048.00

6. TOTAL EARNED LESS RETAINAGE ..... \$ 45,425.00

(Line 4 minus Line 5 Total)

7. LESS PREVIOUS CERTIFICATES FOR PAYMENT ..... \$ 0.00

(Line 6 from prior Certificate)

8. CURRENT PAYMENT DUE ..... \$ 45,425.00

9. BALANCE TO FINISH, INCLUDING RETAINAGE

(Line 3 minus Line 6) \$ 133,982.00

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$	\$
Total approved this month	\$	\$
TOTAL	\$	\$
NET CHANGES by Change Order	\$	\$

**CAUTION:** You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

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The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: OCC BUILDERS, LLC

By: Taw M Date: 6/2/15

State of: NE

County of: Wayne  
Subscribed and sworn to before me this 2nd day of June, 2015

Notary Public: Jean A. Sturim  
My commission expires: 9-21-18



### ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED ..... \$ 45,425.00  
(Attach explanation if amount certified differs from the amount applied. Initial full figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT: JEO CONSULTING GROUP

By: Joy & Putman Date: 6/5/2015

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

# CONTINUATION SHEET

AIA DOCUMENT G703 (Instructions on reverse side)

PAGE 01 OF 02 PAGES

AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT,

containing Contractor's signed Certification, is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column J on Contracts where Variable Retainage for line items may apply.

APPLICATION NO.: 01

APPLICATION DATE: 6-1-2015

PERIOD TO: 5-31-2015

ARCHITECT'S PROJECT NO.: 13-CIS-106

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE) RATE)
			FROM PREVIOUS APPLICATION (D + E)						
1	General Conditions & Start-up	6,255	0	6,255	0	0	6,255	0	626
2	Demolition & Earthwork	9,345	0	8,345	0	0	8,345	1,000	835
3	Soils Testing ALLOWANCE	2,000	0	0	0	0	0	2,000	0
4	Reinforcing Materials	7,620	0	7,620	0	0	7,620	0	762
5	Concrete Ftg's & ICF Walls	35,910	0	24,233	0	0	24,233	11,677	2423
6	Structural Steel & Decking	14,130	0	0	0	0	0	14,130	0
7	Concrete Floors, Stoops, & Lid	8,340	0	0	0	0	0	8,340	0
8	Exterior Concrete Paving	3,130	0	0	0	0	0	3,130	0
9	Concrete Testing ALLOWANCE	1,000	0	0	0	0	0	1,000	0
10	Wood Framing & Sheathing	6,435	0	0	0	0	0	6,435	0
11	FRP Paneling	9,790	0	0	0	0	0	9,790	0
12	Doors, Frames, & Hardware	16,310	0	0	0	0	0	16,310	0
13	Escape Hatches	5,770	0	0	0	0	0	5,770	0
14	Louvers	3,755	0	0	0	0	0	3,755	0
15	Toilet Partitions & Accessories	5,025	0	0	0	0	0	5,025	0
16	Plumbing & Fixtures	26,427	0	2,520	0	0	2,520	23,907	252
17	Electrical & Fixtures	17,535	0	1,500	0	0	1,500	16,035	150
18	Seeding & Sodding	630	0	0	0	0	0	630	0
		179,407	0	50,473	0	0	50,473	128,934	5,048

AIA DOCUMENT G703 • CONTINUATION SHEET FOR G702 • 1992 EDITION • AIA® • ©1992 • THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 NEW YORK AVENUE, N.W., WASHINGTON, D.C. 20006-5292 • WARNING: Unlicensed photocopying violates U.S. copyright laws and will subject the violator to legal prosecution.



G703-1992

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June 5, 2015

Lowell Johnson, City Administrator  
City of Wayne  
PO Box 8  
Wayne, NE 68787

RE: Wayne, Nebraska  
2015 Water System Improvements – Water Main Relocation  
JEO Project No. 140948

Dear Lowell:

Enclosed are three copies of Change Order No. 1 for the above referenced project. These changes were required by NDOR and NHHS to receive the respective construction permits. NDOR required additional concrete thickness and that additional square yards be removed. Also tie bars had to be added to the project. NHHS required the City to reinstall a hydrant at the corner of Walnut and 5<sup>th</sup> Street. We also recommended abandoning a valve in place because NDOR was requesting the entire driveway to be replaced to abandon the water main.

JEO recommends approval of Change Order No. 1 in the amount of \$8,432.78 to Robert Woehler & Sons Construction, Inc. If you have any questions, please feel free to contact this office.

Sincerely,

A handwritten signature in black ink, appearing to read 'Roger S. Protzman', is written over a light blue horizontal line.

Roger S. Protzman, PE  
Senior Project Engineer

RSP:skw  
Enclosure

140948LTR060915.docx

**CHANGE ORDER NO. 1**

DATE OF ISSUANCE: March 31, 2015 EFFECTIVE DATE: \_\_\_\_\_

OWNER: City of Wayne, Nebraska  
 CONTRACTOR: Robert Woehler & Sons Construction, Inc.  
 Project: 2015 Water System Improvements -Water Main Relocation  
 JEO Project No.: 140948  
 ENGINEER: JEO Consulting Group, Inc.

You are directed to make the following changes in the Contract Documents:

Description:  
 Changes to Plans per NDOR

Reason for Change Order:  
 Meet requirements of NDOR

Attachments: (List documents supporting change)

CHANGE IN CONTRACT PRICE:
Original Contract Price \$ <u>177,441.00</u>
Net Increase (Decrease) from previous Change Orders No. <u>  </u> to <u>  </u> \$ <u>  </u>
Contract Price prior to this Change Order: \$ <u>177,441.00</u>
Net increase (decrease) of this Change Order: \$ <u>8,432.78</u>
Contract Price with all approved Change Orders \$ <u>185,873.78</u>

CHANGE IN CONTRACT TIMES:
Original Contract Times: Ready for final payment: <u>9/1/2015</u> (days or dates)
Net change from previous Change Orders No. <u>  </u> to <u>  </u> Ready for final payment: _____ (days)
Contract Times prior to this Change Order: Ready for final payment: <u>9/1/2015</u> (days or dates)
Net increase (decrease) this Change Order: Ready for final payment: <u>5</u> (days or dates)
Contract Times with all approved Change Orders: Ready for final payment: <u>9/6/2015</u> (days or dates)

RECOMMENDED: JEO Consulting Group, Inc.

APPROVED: City of Wayne, Nebraska

By: *Robert Woehler*  
 ENGINEER (Authorized Signature)

By: \_\_\_\_\_  
 OWNER (Authorized Signature)

Date: 5/28/15

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

ACCEPTED: Robert Woehler & Sons Construction, Inc.

By: *R.W.*  
 CONTRACTOR (Authorized Signature)

Date: 5/28/15

**2015 Water System Improvements-Water Main Relocation  
Wayne, Nebraska  
Project No. 140948**

March 31, 2015

**CHANGE ORDER NO. 1**

**Owner:** City of Wayne

**Contractor:** Robert Woehler & Sons Construction, Inc.

ORIGINAL CONTRACT AMOUNT:

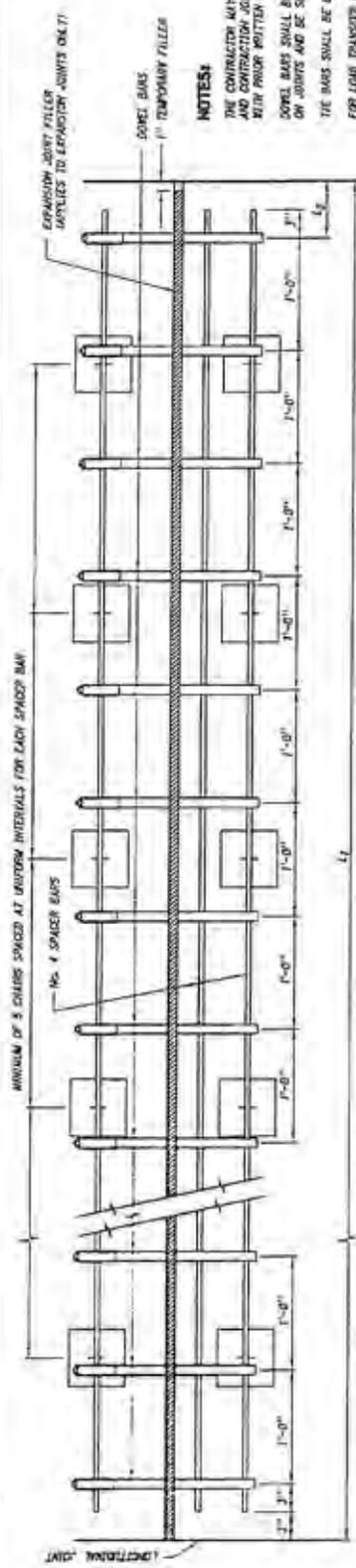
\$177,441.00

ITEM NO.	QTY	UNIT	DESCRIPTION	UNIT PRICE	ADD	DEDUCT
1	1	LS	Abandon Valve Box in place		\$700.00	\$0.00
2	1	LS	Increase Concrete Thickness by 2" from 7" to 9" on 15 sq yards		\$321.43	\$0.00
3	11	SY	Remove additional concrete	\$9.00	\$99.00	
4	11	SY	Replace additional concrete (9")	\$96.43	\$1,060.73	
4	1	LS	Provide Tie Bars and Dowel Bars per NDOR Standard Detail		\$235.00	\$0.00
5	1	LS	Sidewalks		\$0.00	\$0.00
6	1	LS	Reinstall Fire Hydrant		\$1,500.00	\$0.00
7	1	LS	Provide Auxiliary Valve, Valve Box, Tee, and Appurtenances		\$2,250.00	\$0.00
8	1	LS	Remove and Salvage existing Hydrant		\$1,500.00	\$0.00
9	1	LS	Overhead and Profit (10%)		\$766.62	\$0.00
<b>TOTAL ADD</b>					<b>\$8,432.78</b>	
<b>TOTAL DEDUCT</b>						<b>\$0.00</b>
<b>NEW CONTRACT AMOUNT</b>					<b>\$185,873.78</b>	



- Full Panel Removal
- Tie Bars
- Dowel Bars

Full Panel Removal & Replacement with 9" NDOR 47B-3500 1PF (min.) or NDOR approved PR Type Conc.



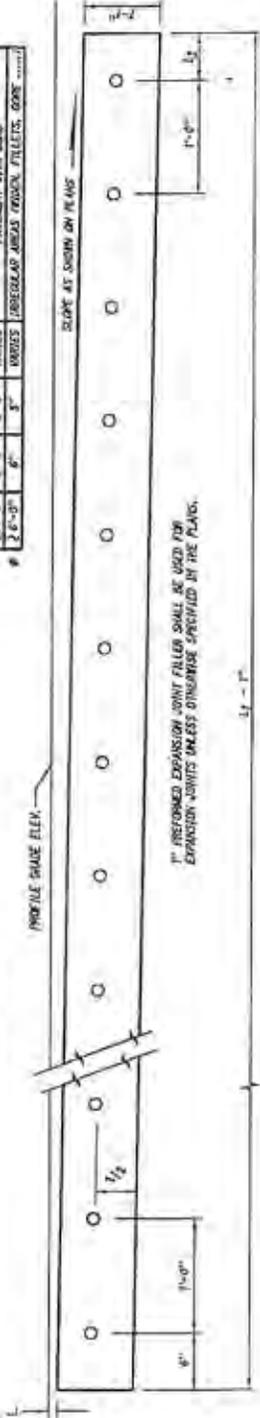
**DOWEL BAR LOCATION TABLE**

DESCRIPTION	SPACING	BAR SIZE	DEPTH
12'-0" PAVEMENT	12'-0"	5/8"	12"
15'-0" PAVEMENT (INCLUDES 3'-0" SHOULDER)	15'-0"	3/4"	12"
15'-0" PAVEMENT (INCLUDES 4'-0" SHOULDER)	15'-0"	3/4"	12"
15'-0" RAMP & LOOPS	15'-0"	3/4"	12"
PAVEMENT WITH CURB	15'-0"	3/4"	12"
IRREGULAR AREAS (CROWN, FILLETS, CURB, ETC.)	15'-0"	3/4"	12"

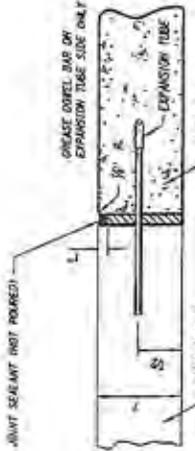
ASSEMBLY PLAN

**DOWEL BAR HEIGHT AND DIAMETER**

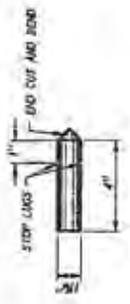
PAVEMENT THICKNESS (1) BAR DIA.	DOWEL BAR HEIGHT (2) (3)	SEEK TOLERANCE
10" OR MORE	1 1/2"	1/8"
8" OR MORE	1 1/4"	1/8"



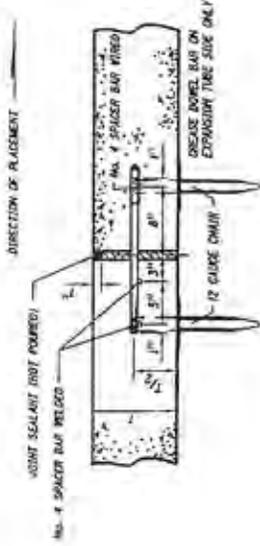
PREFORMED EXPANSION JOINT FILLER (TO BE USED AT EXPANSION JOINTS ONLY)



SECTION



EXPANSION JOINT CURB/BOUNDARY



SECTION

**NOTES**

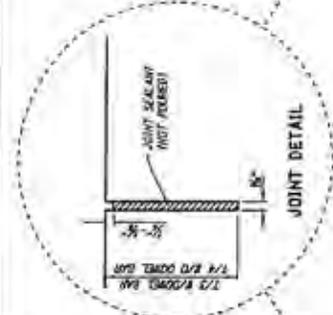
- THE CONTRACTOR MAY SUBSTITUTE OTHER DESIGNS FOR EXPANSION AND CONTRACTION JOINT SUPPORTS IN LIEU OF THE TYPE SHOWN, BUT FROM WRITTEN APPROVAL BY THE ENGINEER.
- DOWEL BARS SHALL BE A MINIMUM OF 1 1/4" IN LENGTH, CENTERED ON JOINTS AND BE SMOOTH BARS.
- THE BARS SHALL BE DEFORMED BARS.
- FOR LONG TRANSVERSE JOINTS AT EXPANSION JOINTS IN LANES LONGER THAN THE SPACER BARS, THE BARS SHALL BE SPACED AT THE 1'-0" DOWEL BAR SPACING AT 1 FT. INTERVALS.
- THE ENDS OF THE NO. 4 SPACER BARS SHALL NOT BE LESS THAN 3 IN. FROM THE EDGES OF THE PAVEMENT ON THE LONGITUDINAL JOINT.
- THE CONTRACTOR MAY USE A MACHINE FOR PLACING THE LONGITUDINAL BARS IN LIEU OF THE BAR PINS, IF A MECHANICAL TIE BAR PLACEMENT MACHINE IS NOT USED, THE BAR PINS AS SHOWN SHALL BE USED.
- THE DOWEL & SPACER BARS SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
- KEYS FOR LONGITUDINAL JOINTS AND TRANSVERSE CONTRACTION JOINTS SHALL BE TOGGED WITH 1/2" R. AT TIME OF CONCRETE PLACEMENT.
- CONCRETE PAVEMENT SHALL BE TINED UNLESS OTHERWISE SHOWN IN THE PLANS.
- EXPANSION JOINTS SHALL BE INSTALLED AT LOCATIONS SHOWN IN THE PLANS.
- PAVEMENT PLACED ADJACENT TO AIA TRACKS REQUIRES 3'-0" EXPANSION JOINTS SPACED AT APPROX. 49'-0" INTERVALS.
- EXPANSION JOINTS SHALL NOT BE STAGED.
- PAVEMENT THICKNESS

THE DEPARTMENT REQUIRES THAT DOWEL BARS BE PLACED IN ALL CONTRACTION JOINTS WHICH ARE 6' OR MORE. THE DOWEL BARS SHALL BE PLACED TRANSVERSE TO THE DIRECTION OF THE PREDOMINANT TRAFFIC DIRECTION.

NO.	REVISION	DATE	BY	DESCRIPTION
1	AS SHOWN			ADDITIONAL CHANGES
2	AS SHOWN			ADDITIONAL CHANGES
3	AS SHOWN			ADDITIONAL CHANGES
4	AS SHOWN			ADDITIONAL CHANGES

HEBRONIA DEPARTMENT OF ROADS  
STANDARD PLAN NO. 323-R7  
8 TO 16 INCH  
CONCRETE PAVEMENT

APPROVED  
OCTOBER 15, 1994  
M.A.



JOINT DETAIL

DIRECTION OF PLACED  
NO. 4 SPACER BARS RELIED 3" MIN.  
CLEARANCE FROM EDGE OF SLAB

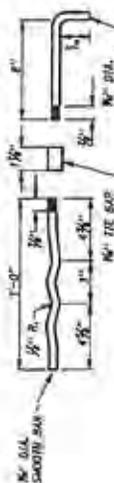
A MINIMUM OF 5 COURSES  
PLACED AT UNIFORM  
INTERVALS SHALL BE  
USED FOR EACH LANE

THE DOUBLE BAR SPACING SHALL  
BE THE SAME AS SHOWN FOR THE  
LOCATION TABLE AND THE DOUBLE  
BAR HEIGHT AND QUANTITY TABLE  
ON SHEET 1 OF 4.



CONTRACTION JOINT

CONTRACTION JOINT



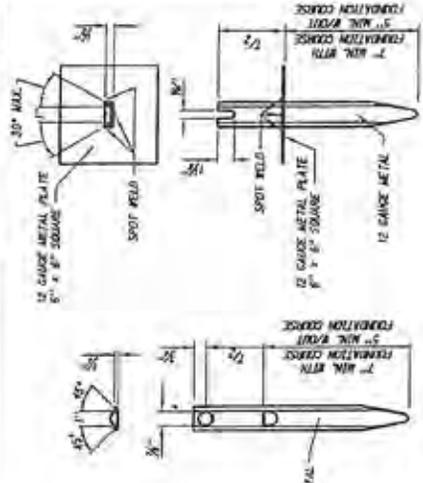
DETAILS OF 1/2" BAR



OPTION 1)  
KEY TYPE

NO. 5 HOOK AND P-BARS AT APPROX. 2'-3" CTRS.  
OR NO. 4 HOOK AND P-BARS AT APPROX. 2'-9" CTRS.

NOTE: NO. 5 TIE BARS SHALL BE CLOSER THAN 1'-0" TO A TRANSVERSE JOINT. ALL LONGITUDINAL JOINTS  
BETWEEN LANES AND BETWEEN LANES AND SHOULDERES MUST BE TIED. WEIR BAR SHOULD NOT BE TIED.



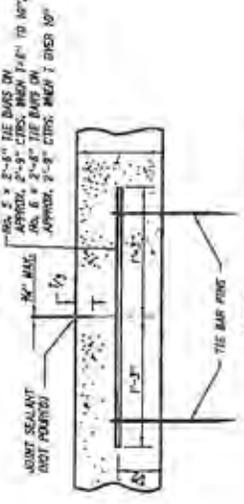
TIE BAR PIN

CHAIR



CONTRACTION JOINT

DETAILS OF TIE BAR



OPTION 2)  
KEY TYPE

KEY TYPE JOINT SHALL BE USED ON ALL LONGITUDINAL CONSTRUCTION  
JOINTS WHEN THE ADJACENT LANE IS NOT PLACED AT THE SAME TIME

KEY TYPE JOINT SHALL BE USED ON ALL LONGITUDINAL CONSTRUCTION  
JOINTS WHEN THE ADJACENT LANE IS NOT PLACED AT THE SAME TIME. THE  
LONGITUDINAL JOINT CORNER TO THE LANES SHALL BE SAVED

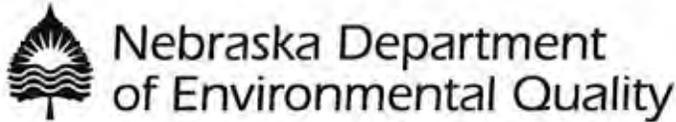
NOTE: T = PAVEMENT THICKNESS

NO.	REVISION	DATE	DESCRIPTION OF REVISION
1	ISSUED	NOVEMBER 2005	ADDITIONAL CHANGES
2	ISSUED	NOVEMBER 2005	ADDITIONAL CHANGES
3	ISSUED	NOVEMBER 2005	ADDITIONAL CHANGES

NEBRASKA DEPARTMENT OF TRANSPORTATION  
STANDARD PLAN NO. 329-R7  
**8 TO 16 INCH  
CONCRETE PAVEMENT**

APPROVED: [Signature]  
DATE: OCTOBER 25, 1994

**Appendix A NPDES Combined Form 1 & 2A National Pollutant Discharge Elimination System  
Permit Application for a Facility Discharging Domestic Wastewater [New addition to regulation]**



**Wastewater Section**  
Suite 400, The Atrium, 1200 'N' Street  
PO Box 98922  
Lincoln, NE 68509-8922  
Tel. 402/471-4220 Fax 402/471-2909

**NPDES Combined Form 1 & 2A**

**National Pollutant Discharge Elimination System  
Permit Application for a Facility Discharging Domestic Wastewater**

This Area is For Agency Use

NPDES Number	NE	IIS Number	Date Rec'd
--------------	----	------------	------------

**I. Facility Information**

A. Owner of Facility (Permittee)

City of Wayne

Street 306 Pearl Street

City Wayne

State NE

Zip 68787

B. Name of Facility

Waste Water Treatment Facility

C. Facility Contact Person

Lowell Johnson

Ph 402-375-1733

Email cityadmin@cityofwayne.org

D. Facility Mailing Address

Street 306 Pearl Street

City Wayne

State NE

Zip 68787

E. Facility Location (if different from above)

Street 205 Dearborn Street

City Wayne

State NE

Zip 68787

F. Facility Legal Description

SE ¼ of the NW ¼, Section 18, Township 26 N, Range 4 (E or W), Wayne County, Nebraska

G. Standard Industrial Classification (SIC) Code(s) applicable to the Facility

**H. Operation/Maintenance Performed by Contractor(s)**

Are any operational or maintenance aspects (related to wastewater treatment and effluent quality) of the treatment works the responsibility of a contractor? \_\_\_ yes  no If yes provide the following

Name \_\_\_\_\_ Ph \_\_\_\_\_ Email \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Responsibilities of contractor \_\_\_\_\_

**I. Compliance Sampling**

Is compliance sampling of the discharge effluent the responsibility of a contract laboratory? \_\_\_ yes  no If yes provide the following

Name \_\_\_\_\_ Ph \_\_\_\_\_ Email \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Responsibilities of laboratory **Analysis Only**

**2. Wastewater Sources (check applicable items)**

**A. Application Status (check one)**

NPDES Permit Reapplication for Existing Source \_\_\_\_\_ NPDES Permit Application for New Source

**B. Additional Forms Required**

- Facility discharging domestic wastewater
- \_\_\_\_\_ Facility discharging industrial wastewater
- \_\_\_\_\_ Facility discharging nonprocess wastewater
- \_\_\_\_\_ Facility is a fish hatchery or fish farm
- \_\_\_\_\_ Industrial facility discharging stormwater
- \_\_\_\_\_ Land application of treated effluent

- Submit NPDES Form 2A
- Submit NPDES Form 2C
- Submit NPDES Form 2E
- Submit NPDES Form 2B
- Submit NPDES Form 2F
- Submit Land Application Form

**3. Other Existing Environmental Permits**

**Permit Number**

- NPDES (discharge to surface water)
- \_\_\_\_\_ NPP (Nebraska Pretreatment Permit)
- \_\_\_\_\_ UIC (underground injection of fluids)
- \_\_\_\_\_ RCRA (hazardous waste)
- \_\_\_\_\_ Air Permit
- \_\_\_\_\_ Other (specify)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**4. Operator Information (continued on next page)**

**A. Treatment Facility Operator (Last, First,) and Phone Number**

Doug Echtenkamp Ph (402) 375-5250 Email doug@cityofwayne.org

Operator Certification Number 2129 Operator Class 2

**B. Operator's Mailing Address**

Street 205 Dearborn Street

City Wayne State NE Zip 68787

**5. Wastewater Treatment System Information**

Provide a brief description of the wastewater treatment process. Include a description of the collection system, primary treatment, secondary treatment, and disinfection.

\_\_\_\_\_  
\_\_\_\_\_

Population served 5,300 Design Daily Flow (MGD) 0.73 MGD

Average Daily Flow (MGD) 0.392 MGD Design Maximum Flow(MGD) 1.38 MGD

**6. Sludge Disposal Methods**

Describe sludge management practices and utilization. The disposal of domestic sewage sludge is subject to the requirements of 40 CFR Part 503. This is a Federal regulatory program administered by E.P.A. Region VII

Aeration of sludge followed by land application. City plans to make improvements to aerate, press, and land apply.

**7. Discharge Information (continued on next page)**

(Include an attachment to the permit for the following if there is more than one outfall)

How many separate outfalls discharge to the receiving waters? 1

Facility Location (Street/Directions) 205 Dearborn Street, Wayne, NE

Location of Outfall(s).

N <sup>1/2</sup> Quarter, SW Quarter, Section 18, Township 26 North, Range 6 (East/ West), Wayne County, NE

Provide lat/long of outfall if known. Latitude 42 13' 34.16" N Longitude 97 00' 39.74" W

Name of receiving waters South Logan Creek

Name of watershed if known EL2-20900 Elkhorn River Basin

Does the treatment works land-apply treated wastewater? \_\_\_ yes X no

Are there any constructed emergency overflows prior to the headworks? \_\_\_ yes X no. If yes describe below

\_\_\_\_\_  
\_\_\_\_\_

Are there any combined sewer (sanitary and storm) overflow points? \_\_\_\_ yes  no. If yes describe below

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Is the effluent discharge continuous or intermittent? Continuous. If intermittent provide the following information

- \_\_\_\_\_ Number of times per year discharge occurs
- \_\_\_\_\_ Average duration of each discharge
- \_\_\_\_\_ Average flow per discharge
- \_\_\_\_\_ Months in which discharge occurs

Are industrial wastes discharged to this facility?  yes \_\_\_\_ no. Identify all Significant Industrial Users below.

A Significant Industrial Users is defined as a user that discharges 25,000 gallons per day or more of process water or contributes a process wastestream which makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the POTW treatment plant. Any industrial users subject to Categorical Pretreatment Standards (e.g. metal finishing) are also classified as Significant Industrial Users. (provide an attachment if there are more than four industries).

Industry	Industrial Process	Average flow Rate (MGD)	Average Organic Loading (lbs)
Great Dane- Trailer Manuf.	Plating	.001 MGD	NA/ inorganic

### 8. Process Flow Diagram or Schematic

Provide a diagram showing the processes of the treatment plant, including all bypass piping, and all backup power sources or redundancy in the system. Also provide a water balance showing all treatment units, including disinfection. The water balance must show daily average flow rate at influent and discharge points and approximate daily flow rates between treatment units. Include a brief narrative description of the diagram. **See Attachment**

### 9. Map

Attach to this application a topographic map (7.5 minute USGS) of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers, and other surface water bodies in the map area.

### 10. Additional Information

Use the space below to expand upon any of the above questions or to bring to the attention of the reviewer any other information you feel should be considered in establishing permit limitations for the facility.

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**II. Certification (see Signatory Authorization Form for designation of Cognizant Official)**

I certify that I am familiar with the information contained in the application, that to the best of my knowledge and belief such information is true, complete, and accurate, and if this permit is granted, I agree to abide by the Nebraska Environmental Protection Act (Neb. Rev. Stat. Secs. 81-1501 et. seq., as amended to date) and all rules, regulations, orders, decisions promulgated there under, and subject to any legitimate appeal available to the applicant under the Act

Cognizant Official's Signature \_\_\_\_\_ Date \_\_\_\_\_

Cognizant Official's Printed Name \_\_\_\_\_ Title \_\_\_\_\_

**Nebraska Department of Environmental Quality**  
**NPDES/NPP SIGNATORY AUTHORIZATION FORM**

This form is to be used to identify or update information pertaining to the facility. **THIS FORM MUST BE SIGNED BY THE COGNIZANT OFFICIAL.** The Cognizant Official and Authorized Representative can be the same person.

Facility Name: Wayne, NE WWTF Permit No. NE 0 0 3 3 1 1 1  
Address: 306 Pearl Street City Wayne Zip 68787 County Wayne  
Location (Street/Directions to) 205 Dearborn Street, Wayne, NE  
Phone 402-375-5250

**PERMITTEE**

List the *NAME* of the company, business, governmental entity, or person that owns the facility and that will be responsible for the permit compliance: Lowell Johnson, City Administration, City of Wayne

**COGNIZANT OFFICIAL**

This person is responsible for the permit, signing reapplications, signing DMRs or designating someone to sign DMRs (Authorized Representative) and other correspondence. For a municipal, only the mayor, chairperson or city manager may sign as the Cognizant Official. *See page 6 for requirements.*

Name Lowell Johnson Title City Administrator  
\*Mailing Address 306 Pearl Street City Wayne  
State NE Zip 68787 Phone 402-375-1733 Home Ph (optional)

**AUTHORIZED REPRESENTATIVE (Do not complete if same as Cognizant Official)**

This person is designated by the Cognizant Official and is responsible for receiving, completing and signing DMRs, and receiving other correspondence (i.e., city clerk, plant operator). *See page 6 for requirements.*

Name Doug Echtenkamp Title Operator  
\*Mailing Address 306 Pearl Street City Wayne  
State NE Zip 68787 Phone 402-375-1733 Home Ph (optional)  
If You Represent this Facility as/for a Contractor, list: Contractor's Name \_\_\_\_\_  
Contractor's Address \_\_\_\_\_ Phone \_\_\_\_\_

**OPERATOR** This person is responsible for the operation and maintenance of the plant. *See page 6 for requirements.*

Name Doug Echtenkamp Title Operator Certification # 2129  
Mailing Address 306 Pearl Street, Wayne, NE 68787 Phone 402-375-1733  
If You Represent this Facility as/for a Contractor, list: Contractor's Name \_\_\_\_\_  
Contractor's Address \_\_\_\_\_ Phone \_\_\_\_\_

**\*Mailing Address:** DMRs will be mailed to this address. *DO NOT* use a home or personal address unless necessary. Please use city/village office address or facility/corporate address, etc. This address should remain the same, even with changes in the facility's Cognizant Official or Authorized Representative.

NPDES/NPP SIGNATORY AUTHORIZATION FORM (continued)

Facility Name: Wayne, NE WWTF Permit No. NE 0 0 3 3 1 1 1

COMMENTS

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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

COGNIZANT OFFICIAL SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

PRINTED NAME OF COGNIZANT OFFICIAL Lowell Johnson

SIGNATORY AUTHORIZATION FORM REQUIREMENTS

**Cognizant Official.** Nebraska Department of Environmental Quality, Title 119, Chapter 10 and Title 127, Chapter 29. All permit applications submitted to the Department shall be signed:

001.01 in the case of a corporation, by a principal executive officer of at least the level of vice-president;

001.02 in the case of a partnership, by a general partner;

001.03 in the case of a sole proprietorship, by the proprietor; and

001.04 in the case of a municipal, state or other public facility, by either a principal executive officer or ranking elected official.

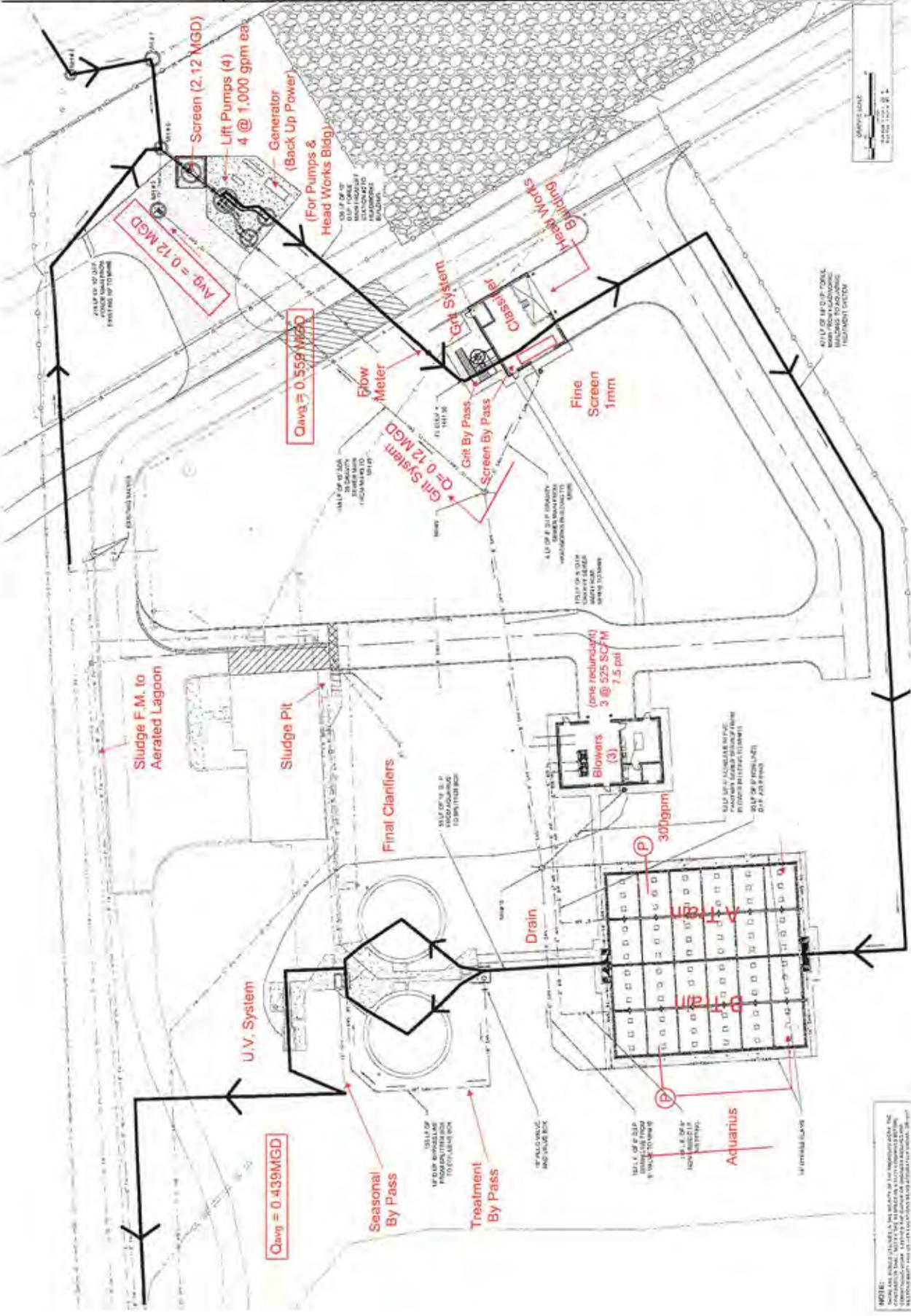
**Authorized Representative.** Nebraska Department of Environmental Quality, Title 119, Chapter 10 and Chapter 127, Chapter 29 002. All other correspondence, reports and DMRs shall be signed by a person designated in 001.01 through 001.04 above or a duly authorized representative if such a representative is responsible for all the overall operation of the facility from which the discharge originates; the authorization is made, in writing, by the person designated under 001.01 through 001.04 above; and the written authorization is submitted to the Director. Any change in the signatures shall be submitted to the Department, in writing, within 30 days after the change.

**Operator.** Nebraska Department of Environmental Quality, Title 123, Chapter 15

001 A competent operator familiar with the principles of wastewater treatment and disposal and skilled in the operation of the plant equipment, shall be in charge of each wastewater works. The operator shall make such operations tests as may be specified by the Department.

The operator may be required to be certified according the NDEQ Title 197.

**Nebraska Department of Environmental Quality**  
**ATTN: NPDES Permit Unit**  
**Suite 400, 1200 N Street, The Atrium**  
**PO Box 98922**  
**Lincoln, Nebraska 68509-8922**  
**Telephone (402) 471-4220**  
**Fax (402) 471-2909**



NOTE:  
 1. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.  
 2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.  
 3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.  
 4. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

## Chapter 9 WASTEWATER COLLECTION & TREATMENT SYSTEMS

### 9.1 GENERAL

The entire City of Wayne is served by a separate sanitary sewer system. The wastewater flows by gravity to the lift station at the WWTF, which is located in the southeast portion of the City. Figure No. 1 and No. 2 show the facility layout and basic flow schematic respectively. Site piping valves are labeled on Figure No. 2 for reference. Figures No. 3 – 9 illustrate different units and buildings. The referenced figures are included at the end of this Chapter.

### 9.2 COLLECTION SYSTEM

#### 9.2.1. General

The collection system serving the City of Wayne consists of 4", 6", 8", 10", and 12" sanitary sewer pipe, with a vast majority being 8" in diameter.

#### 9.2.2. Common Problems

On occasion, stoppages may occur in the collection lines. There are several common causes for these. Normally, the stoppage is caused by some object blocking the flow, which will be corrected when the object is removed.

In other cases an accumulation of grease and solids can cause a stoppage. If this happens, a cleaning machine may be required to remove the grease and solids.

Generally, routine flushing of sewers through manholes or cleanouts should not be necessary if the sewer lines were constructed with self-cleaning slopes. However, a routine program of flushing the manholes or cleanouts at the ends of various lines, which the operators have learned through experience, are at less than ideal slopes, should be followed. The flushing program will loosen the larger solid accumulations and lessen the probability of a complete stoppage in these lines.

#### 9.2.3. Emergency Operation

If the stoppage cannot be corrected within a short time, it may be necessary to install a bypass pump, to pump the sewage around the obstruction to a manhole below the trouble spot.

## 9.3 VERTICAL FINE SCREEN

### 9.3.1. General

The screen is a Huber ROTATMAT RoK4 and is located in a manhole directly upstream of the lift station wet well. Refer to **Figure No. 3** at the end of this Chapter.

The screening equipment unit is a spiral assembly mounted vertically which includes a spiral, screen basket, transport tube, press zone, discharge section, drive assembly, and controls. The screening basket has 6 mm perforations which remove large and medium sized solids and trash from the wastewater stream, which might otherwise interfere with the operations of the main treatment facility.

In normal operation, the influent flow from the lift station will be introduced to the internal surface of the screen basket with the solids being retained on the surface of the basket. The water elevation will continue to rise until a predetermined set point is reached, at which time the auger will activate and transport the screenings up the spiral. The solids are then dewatered and cleaned in the press zone and discharged into a holding container. The spray wash system utilizes 32 gpm on an intermittent basis. The screening equipment has the capacity of 2.12 MGD peak flow. The screen is capable of processing wastewater that is domestic in nature. During winter months, heat systems for the screen and the water supply line will keep the lines from freezing.

### 9.3.2. Operation and Control

A few times during a shift, the operators should visually check the equipment to ensure that it functions properly. Use of local manual controls allows immediate observation of the operation of the screening equipment, even though it may be inactive when inspection begins. While the equipment is running, check for unusual noises, scraping of the screen, jerking of the drive mechanism, need to dispose of screenings and lubrication of the drive mechanisms. In addition, during the winter, a check should be made to ensure proper operation of the heat tape systems.

The operators should continually dispose of accumulated solids to help prevent possible decay of organic matter and resultant offensive odors. Decomposing screenings are a major source of offensive odors. Cleanliness is also a health consideration because wastewater soaked debris harbors pathogenic organisms. Good management practice dictates frequent disposal of screenings to a landfill. The frequency for disposal of stored screenings will depend on the screenings production related to the size of the available storage container. Once the operators empirically determine the required frequency for screenings disposal, a regular disposal schedule should be set.

On the bottom portion of the auger where it interacts with the screening basket, brushes are attached to the edge of the auger. These brushes are a maintenance item that will need to be replaced on a regular interval. The manufacturer recommends checking the

brushes every 800 hours of use or 6 months whichever occurs first. To do this, the back half of the screening basket can be removed for visual inspection of the brushes. The screen can be raised to an operational level with the manhole out of the flowpath to assist in this inspection.

### **9.3.3. Common Problems**

- a. **Submergence of Screening Equipment:** The normal dry weather flow fluctuations in the volume expected to reach the screening equipment should not cause the wastewater to rise higher than the pre-determined water level set by the level control. If the water does rise above this level it will generally be the result of material blocking the spiral or clogging the basket. This issue is visible if water is flowing out of the overflow box located on the front of the screen.
- b. **Grit Accumulation:** Over the course of time, grit will tend to accumulate in the pipe and bottom of the screen. This grit accumulation will occasionally plug the screen and will backup water in the system. This grit will have to be removed on a regular basis, by either flushing regularly with a hose or in some manner increasing the flow velocity of the wastewater such that grit accumulation will not occur.

### **9.3.4. Startup Procedures**

Refer to the Manufacturer's manual included in the Appendix. Basic steps to be completed include:

- a. Place container to collect the screenings
- b. Set the controls
- c. Check spiral for proper rotation
- d. Check all mechanical equipment thoroughly
- e. Allow the unit to run dry for a time before adding flow

### **9.3.5. Emergency Operation**

In an emergency situation the screen equipment can be stopped with either emergency stop push button. One is located near the equipment and the other in the control panel. If the screening equipment is plugged or requires other maintenance, the screen can be lifted out of the flow path on the sliding system provided.

Remember that the screening equipment is a mechanical machine and the electrical power should be disconnected and properly locked out before any work is done on the motor, switches, screens, etc.

During a power outage the standby generator will automatically provide power, but it may take a few minutes before all equipment is back online.

### **9.3.6. Manufacturer's Operation and Maintenance Manual**

The manufacturer's manual regarding operation and maintenance of the vertical fine screen is included in the Appendix. The operators should become familiar with this information for startup and routine operation and maintenance procedures.

## **9.4. LIFT STATION PUMPS**

### **9.4.1. Pumps**

There are four ABS submersible pumps in the wet well of the lift station. The design condition for the pumps is 1,000 gpm at 47 ft Total Dynamic Head (TDH). The heavy duty non-clog pumps are operated by 20 hp motors on 3 phase, 208 volts at variable speed. The pumps attempt to hold an even level within the wet well by utilizing a submersible level transducer for measurement. The pump run speed is determined by the Variable Frequency Drive (VFD) which regulates the flow. Floats are provided for backup.

The pump control system regulates the starting, stopping and alternating of the pumps as well as the high water alarm. As the water in the wet well rises, the pressure in the submersible transducer increases to the programmed point and the lead pump is called. As the water level in the wet well recedes, the pump is stopped at the programmed level. If the level in the wet well continues to rise with the lead pump running, the control system will call the second or lag pump. If both pumps cannot handle the flow or do not start a third pump can be activated, the high water alarm will be triggered at the programmed level in the event of a failure. The fourth pump has been installed, but is intended to provide bypass pumping to an equalization basin in the future if needed.

Prior to start-up of the pumps, the operator should check that all valves on the discharge lines are open. At startup, the operators should observe the pumping operation through several cycles to see that the pumps are starting and stopping properly and are alternating cycles.

When maintenance or repair work is done on the lift station pumps, the electrical power to the pumps should be disconnected first. The pumps and motors can be removed from the station by hoisting on the slide rails through the access hatch. The manufacturer's operation and maintenance manual for the lift pumps are included in the Appendix and should be reviewed before proceeding with this process or other maintenance. Manufacturer's information is also included for the VFDs, transducer, and controls.

The pumps may be calibrated using a stopwatch and wet well measurements.

## **9.5. VALVE VAULTS**

Two valve vaults are installed after the wet well of the lift station. Each valve vault contains two swing arm check valves corresponding to two lift station pumps. In addition, isolation valves and bypass valves have been provided. See **Figure 4** in the Appendix for a visual layout of the valving.

## **9.6. FLOW MEASUREMENT**

### **9.6.1. General**

Influent flow measurement is accomplished by a magnetic flow meter installed in a meter pit outside of the Headworks Building. The magnetic flow meter transmits a 4-20 ma signal back control system to record daily totals and to trend flows. Because the meter is installed after the lift pumps, a six hour moving average is utilized to more accurately reflect the actual incoming flow.

## **9.7. DEGRITTING SYSTEM**

### **9.7.1. General**

The degritting system is comprised of three main components. The first is the vortex grit removal basin located on the exterior of the headworks building. Flow from the lift station is pumped to this basin where it induces a vortexing action that moves the grit to the bottom of the tank. The grit is comprised of heavy inorganics that have not been removed by the vertical screen. A pump then removes the grit with water from the tank and pumps it to the grit classifier. The grit classifier utilizes a small basin that the grit collects in and then an auger pulls the grit from the water and disposes it in a trash container. The water is sent back through drain lines to the lift station.

The degritting system is manufactured by JWC. The pump is manufactured by Gorman-Rupp.

### **9.7.2. Operation and Control**

The vortex grit removal system contains an impeller located in the middle of the basin driven by a drive motor and a gearbox. The operators should observe the operation of the impeller daily and listen for any unusual sounds that could be sign of wear within the motor or gearbox. In addition, a water line has been provided into the bottom of the basin that operates as a scour line. It is controlled by a solenoid valve that when opened releases flow into the bottom of the basin where the grit is contained to fluidize the grit. This water line is protected with heat tape. The operators should observe the functionality of the solenoid valve and heat tape on a regular basis.

The pump is a self-priming centrifugal pump. The operators should follow the

maintenance program outlined in the manufacturers operation and maintenance manual located in the Appendix.

The grit classifier contains the auger that separates the grit from the water. The auger is powered by a drive motor and gear box. The operators should observe the both of these items regularly to ensure their proper operation. Greasing of all equipment should be conducted by the schedule given in the manufacturers operation and maintenance manual.

A control panel is provided that will control all three components. The pump, solenoid, and grit classifier will run on preset intervals that can be adjusted depending on the amount of grit entering into the system. The control panel will alarm to the overall control system. Emergency stop buttons have also been provided.

### **9.7.3. Startup Procedures**

Startup of the grit system should be performed by first operating the impeller in the vortex grit removal basin and the auger in the grit classifier to ensure proper operation. The pump should be checked for proper rotation. The solenoid valve should also be checked for proper operation. After the dry startup, clear water can be introduced into the vortex grit removal basin to observe performance of the impeller, pump, and grit classifier.

### **9.7.4. Emergency Operation**

In an emergency situation the degritting equipment can be stopped with either emergency stop push button. One is located near the equipment and the other in the control panel. If the equipment is plugged or requires other maintenance, the degritting system can be taken offline by bypassing the pumped flow around the vortex grit removal basin. A figure illustrating the valves needed to perform this operation can be found in the Appendix.

Remember that the screening equipment is a mechanical machine and the electrical power should be disconnected and properly locked out before any work is done on the motors, switches, etc.

### **9.7.5. Manufacturer's Operation and Maintenance Manual**

The manufacturer's manual regarding operation and maintenance of the degritting system is included in the Appendix. The operators should become familiar with this information for startup and routine operation and maintenance procedures.

## **9.8. DRUM SCREEN AND COMPACTOR**

### **9.8.1. General**

Wastewater flow leaving the vortex grit removal basin flows by gravity to the drum screen. The drum screen was manufactured by JWC. The drum screen removes material that was not removed by either the vertical screen or the grit removal system. The screen itself is a mesh screen with 1 mm openings. Flow enters into the drum screen internally. The screenings are caught on the mesh screen that is rotating to move the screenings by utilizing flights to the end of the drum where they are deposited through a chute to the compactor. The wastewater flows through the mesh screen where it is collected in a pan and then exits a pipe to the Aquarius treatment system.

Screenings that are deposited to the compactor fall into a hopper on the top of the unit. An auger within the compactor compresses the screenings in a compaction zone and through a chute that then deposits the solids into a trash container.

### **9.8.2. Operation and Control**

The drum is operated by a drive motor with a chain drive unit. Regular inspection of the drive unit and motor should be conducted by the operators. Access hatches are provided on each side of the drum for visual inspection of the mesh screen. The operators should inspect the screen several times during each shift to ensure that no blinding of the screen is occurring. A spray wash system is provided with the drum to clean the screen. The spray wash contains a solenoid valve to control operation and nozzles to direct the spray. These items should be inspected regularly for to ensure proper operation.

The compactor also contains a spray wash system to clean the solids before they are deposited. The auger is powered by a drive motor and gearbox. Regular inspection of all of these items should be performed by the operators.

The drum screen and compactor are controlled by a separate control panel. This control panel regulates the timing of the spray wash cycles and the start/stop of the compactor. It is connected to the overall control panel for alarm notification.

### **9.8.3. Startup Procedures**

The drum screen and compactor should both be started up dry to observe correct rotation and operation of the drive units. The solenoids on both units should be tested for operation as well. Once all the checks have been made, clean water can be introduced into the drum screen. Dog food or some other material should be introduced to observe proper functionality of the drum screen to relay the screenings to the compactor and to observe the operation of the auger within the compactor.

#### **9.8.4. Emergency Operation**

In an emergency situation the drum screen equipment can be stopped with either emergency stop push button. One is located near the equipment and the other in the control panel. If the equipment is blinded, plugged, or requires other maintenance, the drum screen can be taken offline by bypassing the flow around the drum screen. A figure illustrating the valves needed to perform this operation can be found in the Appendix.

Remember that the drum screen and compactor are mechanical machines and the electrical power should be disconnected and properly locked out before any work is done on the motors, switches, etc.

#### **9.8.5. Manufacturer's Operation and Maintenance Manual**

The manufacturer's manual regarding operation and maintenance of the drum screen and compactor is included in the Appendix. The operators should become familiar with this information for startup and routine operation and maintenance procedures.

### **9.9. AQUARIUS MULTI-STAGE ACTIVATED BIOLOGICAL PROCESS (MSABP)**

#### **9.9.1. General**

The Aquarius MSABP process consists of two trains of twelve basins that utilize common walls. Each basin is 13'-6" x 20'-0" x 15'-0" SWD. The flow enters into the system at a splitter box attached to the structure. This splitter box allows for the placement of stop gates to control flow to one or the other or both of the treatment trains. After the flow enters into the treatment trains it flows in a serpentine pattern through the twelve basins. Each basin contains six racks of suspended media. The bacteria attach to this media forming an attached growth treatment system. Air is provided by a fixed grid of fine bubble membrane diffusers on the bottom of each cell. Each of the cells is covered by aluminum plank covers that interlock together.

#### **9.9.2. Operation and Control**

The Aquarius MSABP process creates different environments throughout the twelve basins by first differing the amount of oxygen present in each basin and secondly by doing so they create different populations of bugs that then provide different food sources to the succeeding basins. The goal of the treatment system is not only to treat, but to also greatly reduce the amount of sludge present at the end of the treatment system.

To control the amount of air, a DO sensor has been provided in every other basin. The control system can utilize one of the DO sensors to regulate the amount of air being supplied from the blowers. Differential air volumes between basins is controlled by

adjusting the butterfly valves located on the air drops into the basins.

Regular monitoring of the DO and trending should take place by the operators to indicate any problems with increased loading of the cells, a change in population, or a potential issue with the fine bubble diffuser system. The expected life span of the diffusers is approximately 5-10 years. It is recommended that the City replace the diffusers in phases each year to minimize the capital impact to the facility.

### **9.9.3. Startup Procedures**

Startup of the Aquarius unit should involve first placing clear water in the basin to observe the functionality of the diffusers and to ensure there are no air leaks. Once this has been tested, raw wastewater can be introduced into the system to begin the process of creating the populations of bugs on the media. Initial seeding of the treatment system may assist in this operation.

### **9.9.4. Emergency Operation**

In the event of an emergency or maintenance, bypass piping in conjunction with stop gates have been provided that will allow the operators to take down a series of three cells or less at one time. An example of this valving is provided in the Appendix.

### **9.9.5. Manufacturer's Operation and Maintenance Manual**

The manufacturer's manual regarding operation and maintenance of the Aquarius MSABP is included in the Appendix. The operators should become familiar with this information for startup and routine operation and maintenance procedures.

## **9.10. BLOWERS**

### **9.10.1. General**

There are three (3) Aerzen tri-lobe positive displacement blowers in the blower room of the building. The design condition for the blowers is 525 SCFM at 7.5 psi discharge pressure. The positive displacement blowers are operated by 40 hp motors on 3 phase 208 volts. There is one (1) blower dedicated to each train of the Aquarius treatment system and one (1) blower to act as a swing spare blower.

### **9.10.2. Operation and Control**

The blowers are operated by variable frequency drives (VFD) that allow for adjustment to their speed. The control system allows for the blower to regulate the DO concentration in any one of the six monitored basins by regulating the speed of the VFD based on DO measurements. The swing blower has the capability of accepting the controls from either of the other two.

Each blower is equipped with a filter that should be checked regularly to ensure it is free of debris. The operator should check the pressure gauge daily and log the operating pressures. A rise in the operating pressure is an indication of a clogged filter. The filter can be blown clean utilizing an air compressor. Replacement filters can be obtained from the manufacturer. Each blower assembly includes a pressure safety valve, check valve, and an unloading valve.

### **9.10.3. Startup Procedures**

Prior to start-up of the blowers, the operator should check that all valves on the discharge lines are open. At startup, the operators should observe the blower operation through several cycles to see that the blowers are starting and stopping properly and speed is adjusting properly.

### **9.10.4. Emergency Operation**

When maintenance or repair work is done on the blowers, the electrical power to the blowers should be disconnected first. The blowers and motors can be removed by disassembly of the front and back hatches of the blower assembly.

### **9.10.5. Manufacturer's Operation and Maintenance Manual**

The manufacturer's operation and maintenance manual for the blowers are included in the Appendix and should be reviewed before proceeding with this process or other maintenance.

## **9.11. EFFLUENT SPLITTER BOX**

Flow from the Aquarius MSABP flows into a splitter box prior to the clarifiers. This splitter box allows the operators to place stop gates to remove one of the clarifiers from operation. A bypass pipe has also been provided to allow the operators to completely bypass both clarifiers directly to in front of the UV system. A figure illustrating this arrangement is included in the Appendix.

A total suspended solids meter is installed in the splitter box to monitor the TSS concentration before it enters into the clarifiers. This meter relays a signal to the overall control system for trending and record keeping and will provide a performance indicator for the Aquarius MSABP.

## **9.12. FINAL CLARIFIERS**

### **9.12.1. General**

Both circular clarifiers are 35 feet in diameter to the inside of the wall with a 12-foot side water depth. The operating mechanism is powered by a 0.5 hp, 208 volt, 3 phase electric motor. The clarifier mechanisms were manufactured by Siemens Envirex.

The clarifiers are equipped with scraper arms that direct the sludge to a hopper located in the center of the tank. They remove the sludge that has settled on the bottom of the tanks. Sludge pumps, located in the basement of the existing building, pump the sludge from the final clarifiers to the aerated lagoon. The main purpose of the clarifiers is to separate any sludge released from the Aquarius MSABP from the effluent being discharged.

The clarified wastewater from the final clarifiers is disinfected by UV or discharged directly to the receiving stream depending on the time of year.

A scum arm attached to the water level in the clarifiers skims the surface of the clarifiers and collects and floats solids. The collected scum is pushed into mounted scum collection boxes in the clarifiers and then flows to sludge pumps.

#### **9.12.2. Operation and Control**

The final clarifiers in this application are being used as sludge concentrators. The sludge pumps can be used to pump the settled sludge to the aerated lagoon when it becomes necessary to waste sludge from the clarifiers. The wasting rate should be appropriate to the incoming rate and is adjustable in the controls.

Testing is a very important part of operation. The common tests performed are sludge concentration by volume, dissolved oxygen, and settled solids.

The settled solids test on the effluent from the final clarifiers is performed to determine if settleable solids are being discharged from the final clarifiers. The activated sludge system should produce an effluent, which contains no settleable solids in the final clarifier effluent.

#### **9.12.3. Startup Procedures**

Once the wastewater has been turned into the system the effluent weir should be adjusted so flow is equally distributed over the entire weir. The sludge return pumps and the surface scum skimmer should be checked and adjusted as necessary to insure that they are working properly.

#### **9.12.4. Emergency Operation**

Since the electricity supplies the power necessary to operate the clarifiers, the system is susceptible to power failure.

As with the other equipment, each of the final clarifiers can be taken out of service and drained for maintenance and repairs independently.

### **9.12.5. Manufacturer's Operation and Maintenance Manual**

The manufacturer's manual regarding operation and maintenance of the final clarifiers is included in the Appendix. The operators should become familiar with this information for startup and routine operation and maintenance procedures.

## **9.13. UV DISINFECTION FACILITY**

### **9.13.1. General**

The UV disinfection equipment consists of vertical UV system that was installed prior to the construction of the new treatment system. The manufacturer's O&M should be consulted for additional information.

## **9.14. SLUDGE PUMPS**

### **9.14.1. General**

The three RASWAS pumps are a rotary lobe style pumps by Boerger and are located in the basement of the existing maintenance building. Each pump is rated for 250 gpm at 16 ft of TDH. There are two (2) pumps that pump from a small basin located just outside the basement wall. Both pumps come into a common header that contains a magnetic flow meter for measurement. The flow can be regulated by adjusting the pump speed with the Variable Frequency Drives (VFDs) that are located in the upstairs blower room of the building. It will be the operator's responsibility to be familiar with operational procedures for the pumps and valves and perform the proper sequence of operation in order to avoid any harm to the equipment.

### **9.14.2. Operation and Control**

Periodically the sludge content in the clarifiers will be removed by lowering telescoping valves that are controlled by electric actuators. This allows the sludge material to flow by gravity to the small basin located on the exterior of the maintenance building. Within the basin are floats that when activated call for the pumps to run and send the sludge to the aerated lagoon cell. The controls allow for setpoints to make this operation occur automatically.

### **9.14.3. Startup Procedures**

The pumps should run in a dry condition at a slow speed to observe proper rotation of the shafts. Once all dry checks have been made, the valving should be verified and raw wastewater can be introduced to the sludge pumps.

#### **9.14.4. Emergency Operation**

In an emergency situation the sludge pumps can be stopped by flipping the disconnect switch for either pump. If a sludge pump become plugged or requires maintenance, the pump can be taken offline by either directing the flow to the second pump or turning off the operation of the system in the controls and allowing additional sludge to accumulate in the clarifiers. A figure illustrating the valves needed to perform this operation can be found in the Appendix.

#### **9.14.5. Manufacturer's Operation and Maintenance Manual**

The manufacturer's manual regarding operation and maintenance of the Boerger pumps is included in the Appendix. The operators should become familiar with this information for startup and routine operation and maintenance procedures.

R1E

Feb 14 28  
March 14 28

WAYNE QUADRANGLE  
NEBRASKA-WAYNE CO.

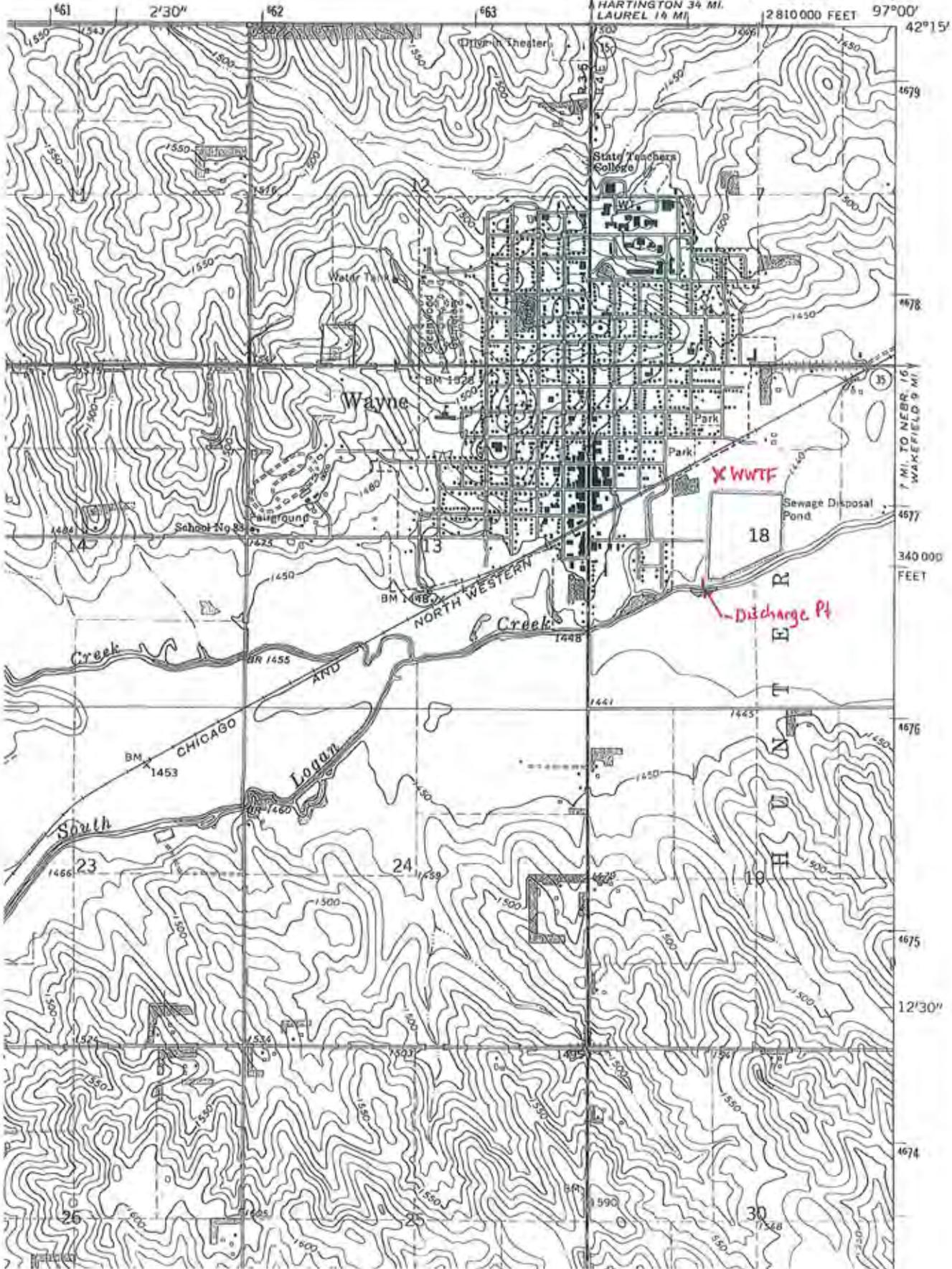
Fig. 1

7.5 MINUTE SERIES (TOPOGRAPHIC)

HARTINGTON 34 MI.  
LAUREL 14 MI

2810 000 FEET 97°00'

42°15'





Treatment Plant

Discharge