

2015-12265

06/01/2015 8 33 28 AM

*Clay J. Dowling*

REGISTER OF DEEDS



CO'INTER	<u>P</u>	<u>CF</u>	<u>P</u>
VERIFY	<u>P</u>	<u>DF</u>	<u>P</u>
PROOF			
FEES \$	<u>634.00</u>		
CHECK#	_____		
CHG COP	<u>CASH</u>	_____	
REFUND	<u>CREDIT</u>	_____	
SHORT	<u>NCR</u>	_____	

**FIRST AMENDMENT  
TO  
SUBDIVISION AGREEMENT**

This First Amendment to the North Shore Subdivision Agreement, made this 17<sup>th</sup> day of April, 2015, by and between **LAKE VIEW 126, LLC**, a Nebraska limited liability company, (hereinafter referred to as "DEVELOPER"), **SANITARY AND IMPROVEMENT DISTRICT NO. 292 OF SARPY COUNTY, NEBRASKA**, (hereinafter referred to as "DISTRICT") and the **CITY OF PAPILLION**, a municipal corporation, (hereinafter referred to as "CITY") amends and modifies the Subdivision Agreement adopted by Resolution #R13-0117, entered into by the parties on August 7, 2013 (hereinafter referred to as the "Agreement")

WHEREAS, DEVELOPER, DISTRICT and CITY entered into a Subdivision Agreement ("Subdivision Agreement") dated August 7, 2013 with respect to Lots 1 through 301, inclusive, and Outlots A through D, inclusive, North Shore; and

WHEREAS, DEVELOPER is the owner of the parcel of land described in Exhibit "A-1", attached hereto, which area to be developed is within CITY'S zoning and platting jurisdiction, and

WHEREAS, DEVELOPER has requested CITY to approve a specific platting of Lots 302 through 362, inclusive, and Outlots E through H, inclusive, North Shore as described in Exhibit "B-1", attached hereto and hereinafter referred to as the "North Shore Phase 3", and

WHEREAS, DEVELOPER wishes to connect the system of sewers and water to be constructed by DISTRICT within North Shore Phase 3 with the sewer and water systems of CITY, and

WHEREAS, DEVELOPER and CITY wish to agree upon the manner and the extent to which public funds may be expended in connection with Public Improvements serving North Shore Phase 3 and the extent to which the contemplated Public Improvements specifically benefit property in the North Shore Phase 3 and adjacent thereto, and to what extent the cost of the same shall be specially assessed

WHEREAS, the parties wish to agree upon the manner and the extent to which public funds may be expended in connection with Public Improvements within the 120<sup>th</sup> Street/Superior Drive/126<sup>th</sup> Street public right-of-way within the Development Area;

WHEREAS, the parties hereto desire to modify the Subdivision Agreement to incorporate North Shore Phase 3 and the Public Improvements within the 120<sup>th</sup> Street/Superior Drive/126<sup>th</sup> Street public right-of-way as set forth herein.

NOW, THEREFORE, in consideration of the above, the following is agreed between the parties hereto:

- 1 Capitalized Terms. All capitalized terms used in this First Amendment shall have the meanings set forth in the Agreement except as otherwise defined herein.
2. Area of Application. The Subdivision Agreement Amendment applies to Lots 1 through 362, inclusive, and Outlots A through H, inclusive.
3. Amendment #1. Section II, Subsection N is hereby repealed in its entirety and the following is hereby substituted in its place.

N Irrigation system and appurtenances to be installed within the 120<sup>th</sup> Street/Superior Drive/126<sup>th</sup> Street public right-of-way.

4. Amendment #2 Section III is hereby repealed in its entirety and the following paragraph is substituted in its place:

It is agreed that the credit or funds of DISTRICT shall not be used for construction of any improvements or facilities within the Development Area except those Public Improvements specified in Section II or school-related Safety Improvements specified in Section IV-N. By way of specification and not by way of limitation, the Parties agree that DISTRICT shall not incur any indebtedness or otherwise involve its credit or expend any of its funds in the construction or other acquisition or improvement of any swimming pool, golf course, park, playground or other recreational facility, without approval by Resolution of the City Council.

- 5 Amendment #3. Section IV, Paragraph 1 is hereby repealed in its entirety and the following paragraph is hereby substituted in its place:

The Parties agree that the cost of the Public Improvements constructed by DISTRICT within the Development Area as authorized by Section I, shall be defrayed as follows and as identified in Exhibit "G" attached hereto and incorporated herein by this reference as the Source and Use of Funds. Construction overruns and/or change orders totaling up to ten percent (10%) of any individual contract as described in Exhibit "G-1", shall be submitted to CITY for approval prior to the work being started. If the work is approved by the City Administrator and the City Engineer, the total cost of the work may be added to the contract and Exhibit "G-1". If the work is not approved by the City Administrator and City Engineer, the cost of the work shall be included in the statements of cost and specially assessed evenly against the DISTRICT'S assessable property or the cost of the work shall be privately financed. In no case shall the general obligation costs of DISTRICT exceed \$4,906,878.49 (the amount shown as the total general obligation Exhibit "G-1"), at the time of levy of special assessments. Special assessments shall be increased if necessary to reduce the general obligation debt to the required amount.

- 6 Amendment #4 Section IV, Subsection F is hereby repealed in its entirety and the following is hereby substituted in its place.

F Capital Facilities Charges. For North Shore Phases 1 and 2, DEVELOPER shall pay to CITY Capital Facilities Charges in the amount of \$733,222.50 based on 300 residential lots at \$1,970 per lot (\$591,000.00) plus 10.64 acres of school site at \$5,250 per acre (\$55,860.00) plus 16.45 acres of outlots at \$5,250 per acre (\$86,362.50), less a credit for exterior water main extension of \$183,305.63, for a net charge of \$549,916.87. Not less than fifty percent (50%) of gross Capital Facilities Charges paid to

CITY shall be specially assessed against property served CITY shall provide DEVELOPER with an invoice for the Capital Facilities Charges after City Council approves the Final Plat. **Capital Facilities Charges shall be paid prior to issuance of any building permits**

For North Shore Phase 3, DEVELOPER shall pay to CITY Capital Facilities Charges in the amount of \$148,156.20 based on 61 single-family residential lots at \$2,070 per lot (\$126,270) plus 3.78 acres at \$5,790 per acre (\$21,886.20), less a credit for the exterior water main extension of \$37,039.05, for a net charge of \$111,117.15. Not less than fifty percent (50%) of gross Capital Facilities Charges paid to CITY shall be specially assessed against property served CITY shall provide DEVELOPER with an invoice for the Capital Facilities Charges after City Council approves the Final Plat. **Capital Facilities Charges shall be paid prior to issuance of any building permits**

7. Amendment #5 Section IV, Subsection K is hereby repealed in its entirety and the following is hereby substituted in its place:

K. Irrigation System and Appurtenances Up to one hundred thousand dollars (\$100,000) of the cost of the irrigation system and appurtenances to be installed within the 120<sup>th</sup> Street/Superior Drive/126<sup>th</sup> Street public right-of-ways may be borne by general obligation. Any remaining irrigation system costs shall be privately financed by DEVELOPER.

8. Amendment #6 Section IV shall be amended to add Subsection N:

N. Future School-Related Safety Improvements. The Parties acknowledge that Lot 1, North Shore is being developed as a Papillion – La Vista elementary school. The Parties further acknowledge that Safety Improvements within the public right-of-ways of the Development Area and/or an easement dedicated to DISTRICT related to the school may be warranted in the future as the area develops. In addition to the obligations set forth in this Agreement, the Parties agree that DISTRICT shall be responsible for the design, construction, and installation of any future Safety Improvements within the public right-of-ways of the Development Area and/or an easement dedicated to DISTRICT that are deemed to be necessary by CITY, at its sole discretion. Safety Improvements may include, but are not limited to, school-related crossings and signals, traffic signals, right-of-way improvements such as turn lanes, and/or sidewalk improvements as deemed necessary by CITY (collectively "Safety Improvements") CITY shall notify DISTRICT in writing at such time CITY deems the Safety Improvement(s) to be necessary. The Parties agree that the DISTRICT may utilize an additional 25% of general obligation debt capacity above the approved general obligation debt ratio identified in Exhibit "G" or other funding sources approved by CITY for the design, construction, and installation of such Safety Improvements. The design, construction, and installation shall be approved by CITY'S engineer. Further, in the event that the cost exceeds the additional 25% general obligation debt capacity (including Professional Services Fees as established in Section VI), the Parties agree that any further allocation of the cost for such Safety Improvement(s) shall not be the obligation of the DISTRICT or the CITY without an amendment to this Agreement. At no time prior to annexation, shall any costs related to any school-related Safety Improvement(s) be the financial responsibility of CITY. This provision shall not preclude the Papillion – La Vista School District from completing any school-related Safety Improvement(s) at its own cost and initiative.

9. Amendment #7 Section IX shall be amended to add Subsection S:

S Irrigation system. The Parties agree that DEVELOPER, its successors and assigns, (including a homeowners association, but excluding DISTRICT, CITY, and Sarpy

C

County) shall have sole responsibility for maintenance and financing of the irrigation system within the 120<sup>th</sup> Street/Superior Drive/126<sup>th</sup> Street public right-of-way once it is installed. At no time, shall DISTRICT, CITY, or Sarpy County have any responsibility for said irrigation system, including, but not limited to, maintenance of said irrigation system including its appurtenances and payment of any water bills resulting from operation of said irrigation system. DEVELOPER acknowledges that DISTRICT, CITY and Sarpy County will not maintain the irrigation should maintenance lapse by DEVELOPER, its successors and assigns. In the event that maintenance to or payment of water bills for the irrigation system lapse, CITY reserves to the right to shut down or remove the irrigation system as CITY determines necessary

DEVELOPER agrees to be fully financially and legally responsible for any claims that may result from any damage, injury, or loss sustained either to or by the irrigations system within the 120<sup>th</sup> Street/Superior Drive/126<sup>th</sup> Street public right-of-way. Further, DEVELOPER releases DISTRICT, CITY and Sarpy County from any financial and legal responsibilities for any claims that may result from any damage, injury, or loss sustained either to or by the irrigation system

- 10. Amendment #8. Section IX shall be amended to add Subsection T.

T Landscaping within the 120<sup>th</sup> Street/Superior Drive/126<sup>th</sup> Street public right-of-way DEVELOPER shall privately finance the installation of landscaping within the 120<sup>th</sup> Street/Superior Drive/126<sup>th</sup> Street public right-of-way. DEVELOPER agrees to expend a minimum of one hundred thousand dollars (\$100,000) to landscape the 120<sup>th</sup> Street/Superior Drive/126<sup>th</sup> Street public right-of-way. Upon installation of the landscaping, DEVELOPER, its successors and assigns, (including a homeowners association but excluding DISTRICT, CITY, and Sarpy County) shall have sole responsibility for maintenance and financing of said landscaping. At no time, shall DISTRICT, CITY, or Sarpy County have any responsibility for said landscaping, including, but not limited to, replacement of diseased or dead landscape materials, tree trimming and pruning, weed removal/mitigation, and maintenance of landscape materials (both organic and inorganic ) In the event that maintenance to or payment of water bills for the irrigation system lapse, CITY reserves to the right to modify the landscaping as required by the reduction in irrigation. Such modification may include replacement of the landscaping with hardscaping or paving

- 11. Amendment #9. Section IX shall be amended to add Subsection U:

U. Covenants DEVELOPER agrees to modify the North Shore covenants to incorporate North Shore Phase 3 and assign responsibility of the irrigation system and appurtenances and landscaping within the 120<sup>th</sup> Street/Superior Drive/126<sup>th</sup> Street public right-of-way to the North Shore Homeowners Association. Further, a clause shall be added that prohibits the lot owners and the Board of Directors of the Association from modifying the covenants to eliminate the mandatory dues for at least twenty-five (25) years after annexation of the Development Area

- 12. Exhibit Modifications

A. Exhibit "A" is hereby amended to include Exhibit "A-1"

B. Exhibit "B" is hereby amended to include Exhibit "B-1".


- C. Exhibit "C" is hereby amended to include Exhibit "C-1".
- D. Exhibit "D" is hereby amended to include Exhibit "D-1".
- E. Exhibit "E" is hereby amended to include Exhibit "E-1".
- F. Exhibit "F" is hereby amended to include Exhibit "F-1".
- G. Exhibit "G" is hereby repealed in its entirety and replaced with Exhibit "G-1".
- H Exhibit "H" is hereby amended to include Exhibit "H-1".
- I Exhibit "I" is hereby amended to include Exhibit "I-1".
- J. Exhibit "J" is hereby amended to include Exhibit "J-1".
13. DISTRICT Boundary The Parties acknowledge that the DISTRICT boundary will need to be altered to incorporate North Shore Phase 3. DISTRICT agrees to extend the boundary of SID 292 to include all phases of North Shore
14. Wastewater Service Agreement Exhibits. The DEVELOPER shall be responsible for providing all exhibits required for the amendment to CITY'S Wastewater Sewer Agreement with the City of Omaha as requested by CITY
15. Discharge Permits in Papillion's Wastewater Service Area. The City of Omaha is authorized to issue discharge permits in Papillion's Waste Water Service Area, which includes the Development Area. The Parties acknowledge that the City of Omaha has the authority to enforce prohibitions and limitations as specified in Omaha Municipal Code Chapter 31 by means of discharge permits. All such enforcements will be in collaboration with and by the written approval of CITY.
16. Easements to CITY. DEVELOPER, its successors and assigns, and DISTRICT agree to allow CITY to install improvements within any outlot dedicated as park land or open space as depicted on Exhibits "H" and "H-1". Further, DEVELOPER, its successors and assigns, and DISTRICT agree to dedicate, at no expense to CITY, any easements required for said improvements. Such easement dedication shall not be withheld by DEVELOPER or DISTRICT in order to gain any monetary or non-monetary concessions by CITY, including but not limited to, improvements to any trail, sidewalk, street, park or drainage system, a reduction in water or sewer rates, provision of additional services
17. No Other Amendment. Except as specifically set forth herein, the Agreement shall remain in full force and effect.
18. Binding Effect. This First Amendment to the Subdivision Agreement shall be binding upon the parties, their respective successors and assigns

E

ATTEST:

THE CITY OF PAPIILLION, NEBRASKA

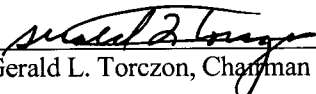
  
Elizabeth Butler, City Clerk

  
David P. Black, Mayor

SEAL:



SANITARY AND IMPROVEMENT DISTRICT  
NO 292 OF SARPY COUNTY, NEBRASKA

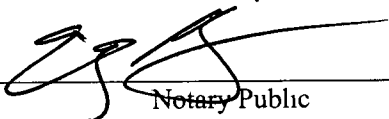
By   
Gerald L. Torczon, Chairman

STATE OF NEBRASKA        )  
                                          )    ss  
COUNTY OF SARPY        )

Before me, a notary public, in and for said county and state, personally came Gerald L. Torczon, Chairman of Sanitary and Improvement District No. 292 of Sarpy County, Nebraska, known to me to be the identical person who executed the above instrument and acknowledged the execution thereof be his voluntary act and deed on behalf of such District.

Witness my hand and Notarial Seal this 5<sup>th</sup> day of May, 2015

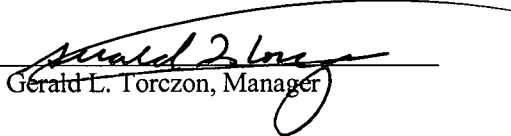


  
Notary Public

F

DEVELOPER:

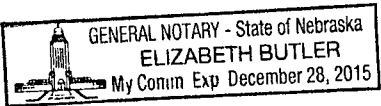
LAKE VIEW 126, LLC, a Nebraska  
limited liability company


By   
Gerald L. Torczon, Manager

STATE OF NEBRASKA        )  
                                          ) ss.  
COUNTY OF SARPY        )

Before me, a notary public, in and for said county and state, personally came Gerald L. Torczon, Manager of Lake View 126, LLC, a Nebraska limited liability company, known to me to be the identical person who executed the above instrument and acknowledged the execution thereof be his voluntary act and deed on behalf of such limited liability company.

Witness my hand and Notarial Seal this 5<sup>th</sup> day of May, 2015.



  
Notary Public

G

**SUBDIVISION AGREEMENT AMENDMENT  
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# EXHIBIT A-1

## LEGAL DESCRIPTION

LOTS 302 THROUGH 362, INCLUSIVE AND OUTLOTS E THROUGH H, INCLUSIVE, NORTH SHORE, BEING A PLATTING OF THAT PART OF TAX LOT 8 IN THE SOUTH HALF OF THE SOUTHEAST QUARTER, TOGETHER WITH THAT PART OF TAX LOT 1 IN THE SOUTH HALF OF THE SOUTHWEST QUARTER ALL IN SECTION 19, TOWNSHIP 14 NORTH, RANGE 12 EAST OF THE 6TH P M , SARPY COUNTY, NEBRASKA, DESCRIBED AS FOLLOWS

BEGINNING AT A 5/8" REBAR AT THE SOUTHEAST CORNER OF THE SOUTHWEST QUARTER OF SAID SECTION 19,

THENCE SOUTH 87°02'24" WEST (BEARINGS REFERENCED TO NEBRASKA STATE PLANE NAD83) FOR 149 20 FEET ON THE SOUTH LINE OF THE SOUTH HALF OF THE SOUTHWEST QUARTER OF SAID SECTION 19 TO A 5/8" REBAR WITH 1 1/4" YELLOW PLASTIC CAP STAMPED LS 692,

THENCE NORTH 00°00'00" EAST FOR 527 82 FEET TO A 5/8" REBAR WITH 1 1/4" YELLOW PLASTIC CAP STAMPED LS 692,

THENCE SOUTH 90°00'00" EAST FOR 827 76 FEET TO A 5/8" REBAR WITH 1 1/4" YELLOW PLASTIC CAP STAMPED LS 692,

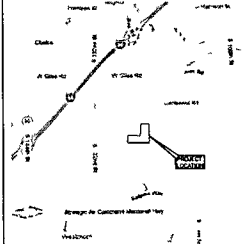
THENCE NORTH 00°06'10" EAST FOR 838 48 FEET TO A 5/8" REBAR WITH 1 1/4" YELLOW PLASTIC CAP STAMPED LS 692 ON THE NORTH LINE OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SAID SECTION 19,

THENCE NORTH 87°00'54" EAST FOR 565 20 FEET ON SAID NORTH LINE TO A 5/8" REBAR WITH 1 1/4" YELLOW PLASTIC CAP STAMPED LS 692 AT THE NORTHWEST CORNER OF THE EAST 41 ACRES OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SAID SECTION 19,

THENCE SOUTH 02°41'01" EAST FOR 1321 96 FEET ON SAID EAST LINE TO A 1/2" REBAR ON THE SOUTH LINE OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SAID SECTION 19, SAID CORNER BEING THE SOUTHWEST CORNER OF THE EAST 41 ACRES OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SAID SECTION 19,

THENCE SOUTH 87°02'32" WEST FOR 1308 33 FEET TO THE POINT OF BEGINNING  
CONTAINS 27 746 ACRES INCLUDING 1 101 ACRES IN AN EXISTING COUNTY ROADWAY EASEMENT

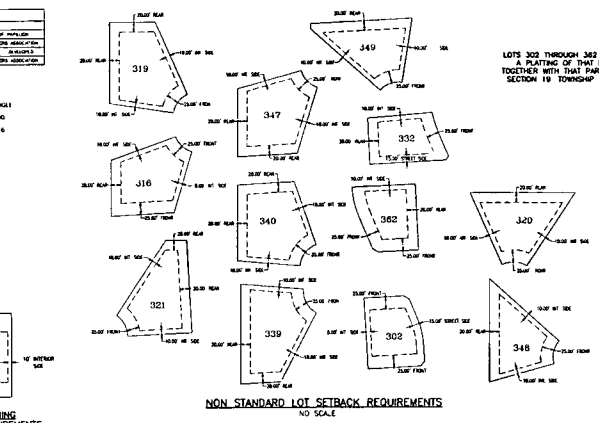
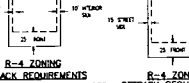
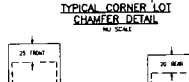
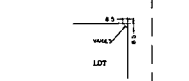
LOCATED IN  
 SW 1/4 SW 1/4 SEC 19 T14N R12E  
 SW 1/4 SW 1/4 SEC 19 T14N R12E



Station	Chord Length	Chord Bearing	Delta Length	Delta Bearing
1+00.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+01.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+02.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+03.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+04.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+05.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+06.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+07.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+08.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+09.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+10.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+11.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+12.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+13.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+14.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+15.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+16.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+17.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+18.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+19.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W
1+20.00	1.0000	S 89° 59' 59" E	0.0000	0° 00' 01" W

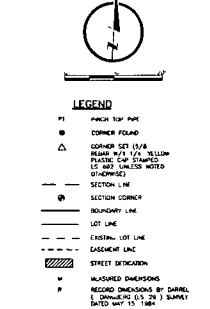
**CENTERLINE CURVE DATA**

Curve	Radius	Length	Chord Length	Delta Angle
C1	1120.0	70.17	70.17	202.7360
C2	300.00	70.17	69.78	200.0116



**NORTH SHORE**

LOTS 302 THROUGH 343 INCLUSIVE AND OUTLOTS E THROUGH H INCLUSIVE, NORTH SHORE, BEING A PLATTING OF THAT PART OF THE LOT 8 IN THE SOUTH HALF OF THE SOUTHWEST QUARTER, TOGETHER WITH THAT PART OF THE LOT 1 IN THE SOUTH HALF OF THE SOUTHWEST QUARTER AND ALL IN SECTION 19 TOWNSHIP 14 NORTH, RANGE 12 EAST OF THE 6TH P.M. SAPPY COUNTY, NEBRASKA.



**LAND SURVEYOR'S CERTIFICATE**

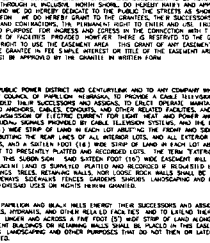
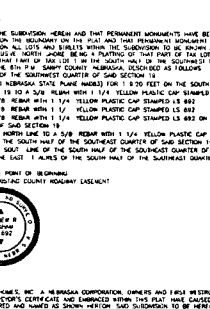
I HEREBY CERTIFY THAT I HAVE MADE A BOUNDARY SURVEY OF THE SUBDIVISION HEREIN AND THAT PERMANENT MONUMENTS HAVE BEEN PLACED AT ALL CORNERS AND PLANTS AND TIES OF SURVEY ON THE BOUNDARY OF THIS PLAT AND THAT PERMANENT MONUMENTS WILL BE PLACED AT ALL CORNERS AND PLANTS AND TIES OF SURVEY ON ALL LOTS AND SUBLOTS WITHIN THE SUBDIVISION TO BE HEREINAFTER SAID TO BE THE BOUNDARY OF THE SUBDIVISION TOGETHER WITH THAT PART OF THE LOT 8 IN THE SOUTH HALF OF THE SOUTHWEST QUARTER AND ALL IN SECTION 19 TOWNSHIP 14 NORTH, RANGE 12 EAST OF THE 6TH P.M. SAPPY COUNTY, NEBRASKA. BEING A 5/8 PART OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 19.

**DEDICATION**

BEFORE ALL PERSONS OF THESE PRESENTS THAT WE PRODUCE HEREIN, BE A NEBRASKA CORPORATION, OPENED AND FIRST REGISTERED NEARLY 100% OF THE LAND DESCRIBED IN THE LAND SURVEYOR'S CERTIFICATE AND ENCLOSED WITHIN THIS PLAT HAS BEEN GRANTED TO BE USED FOR RECREATION AND TO BE MAINTAINED AS SUCH AND TO BE KEPT OPEN TO THE PUBLIC AS DESCRIBED IN THE DEDICATION OF THE LAND SURVEYOR'S CERTIFICATE AND ENCLOSED WITHIN THIS PLAT.

**NOTES**

1. ALL DISTANCES ARE SHOWN IN DECIMAL FEET.
2. ALL DISTANCES SHOWN AS CURVE RADIUS AND ANGLES ARE NOT DISTANCES NOR CURVE DISTANCES.
3. ALL ANGLES ARE 90 UNLESS OTHERWISE NOTED.
4. ALL LINES ON CURVED STREETS ARE RADIAL UNLESS OTHERWISE NOTED (U.S.).
5. DISTANCES AND ANGLES SHOWN IN PARENTHESIS REFER TO DISTANCE(S).
6. ALL EAS. OF SAC HAVE AN 8' OR 10' SETBACK UNLESS NOTED OTHERWISE.
7. DIRECT VEHICULAR ACCESS TO CORPUSCULAR ROAD FROM ANY LOT SHALL NOT BE PERMITTED.
8. LOTS 318 AND 319 WILL HAVE NO DIRECT VEHICULAR ACCESS TO S 12TH STREET.
9. LOT 302 WILL HAVE NO DIRECT VEHICULAR ACCESS TO S 12TH STREET.
10. OUTLOT E IS A PARK AND TRAIL CORRIDOR.
11. OUTLOT F IS A DEDICATED DRAINAGE AND WATER QUALITY ZONE.
12. OUTLOT G IS RESERVED TO FACILITATE FUTURE DEVELOPMENT TO THE EAST AS A PLATTED LOT.
13. OUTLOT H IS A DEDICATED DRAINAGE AND WATER QUALITY ZONE.
14. ADDITIONAL ACCESS RESTRICTIONS WILL BE DETAILLED IN THE SUBDIVISION AGREEMENT.
15. ALL EXISTING EASEMENTS ARE NOT BEING DEDICATED AND ARE SHOWN FOR REFERENCE ONLY.



**COUNTY TREASURER'S CERTIFICATE**

THIS IS TO CERTIFY THAT I HAVE RECEIVED NO SPECIAL TAXES DUE OR DELINQUENT AGAINST THE PROPERTY DESCRIBED IN THE LAND SURVEYOR'S CERTIFICATE AND ENCLOSED IN THIS PLAT AS SHOWN BY THE RECORDS OF THIS OFFICE THIS DATE.

**APPROVAL OF PAVILLION PLANNING COMMISSION**

THIS PLAT OF LOTS 302 THROUGH 343 INCLUSIVE AND OUTLOTS E THROUGH H INCLUSIVE NORTH SHORE WAS APPROVED AND ACCEPTED BY THE PAVILLION PLANNING COMMISSION ON THIS DATE.

**REVIEW BY SAPPY COUNTY PUBLIC WORKS**

THIS PLAT OF LOTS 302 THROUGH 343 INCLUSIVE AND OUTLOTS E THROUGH H INCLUSIVE NORTH SHORE WAS REVIEWED BY THE SAPPY COUNTY PUBLIC WORKS OFFICE ON THIS DATE.

**CITY ENGINEER'S CERTIFICATE**

THIS PLAT OF LOTS 302 THROUGH 343 INCLUSIVE AND OUTLOTS E THROUGH H INCLUSIVE NORTH SHORE WAS APPROVED AND ACCEPTED BY THE CITY ENGINEER OF PAVILLION NEBRASKA ON THIS DATE.

**APPROVAL OF PAVILLION CITY COUNCIL**

THIS PLAT OF LOTS 302 THROUGH 343 INCLUSIVE AND OUTLOTS E THROUGH H INCLUSIVE NORTH SHORE WAS APPROVED BY THE CITY COUNCIL OF PAVILLION NEBRASKA ON THIS DATE.

**COUNTY SURVEYOR/ENGINEER**

DATE: 07/07/2014

**CITY ENGINEER**

DATE: 07/07/2014

**EXHIBIT B-1**

**LAMP RYNECARSON**  
 11710 Wind Dodge Road Suite 100  
 Omaha, Nebraska 68114-2027  
 402.485.2198 (F)  
 402.485.2140 (F)  
 www.lra.com

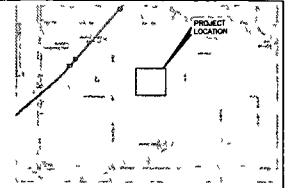
**FINAL PLAT**

Job Number: 1401  
 01/2004-03-003  
 Issue page: 1 of 1

DATE: 07/07/2014

# SANITARY AND IMPROVEMENT DISTRICT NO. 292, SARPY COUNTY, NEBRASKA

## NORTH SHORE - PHASE 3

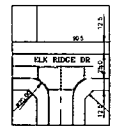


VICINITY MAP



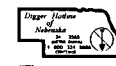
LEGEND

- PROPERTY LINE
- PROPOSED STORM SEWER
- PROPOSED MANHOLE
- PROPOSED F.I.S.
- PROPOSED CURB INLET (BY OTHERS)
- PROPOSED SOLE PESA/WATER QUALITY POND
- EXISTING GAS
- EXISTING WATER
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING MANHOLE
- EXISTING DEODOROUS TRIE AND SIZE
- EXISTING F.I.S.
- EXISTING OVERHEAD POWER
- EXISTING UNDERGROUND POWER
- PAVING GENERAL OBLIGATION PAYMENT
- PROPOSED PAVEMENT



TYPICAL PAVING GEOMETRY

### EXHIBIT C-1



NOTICE: UNDESIGNED OPEN LOCATIONS SHOWN ARE FROM APPROXIMATE RECORDS AND ARE NOT TO BE CONSIDERED AS A GUARANTEE OF ACCURACY. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO ANY EXCAVATION. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROTECTION OF ALL UTILITIES. THE USER SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE USER SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.

Project No.	2014-03-003
Client	Sanitary and Improvement District No. 292
City	North Shore, Nebraska
County	Sarpy County, Nebraska
State	Nebraska
Date	07/07/2014
Sheet	1 of 1

This document is a preliminary version and should not be used for construction purposes without the approval of the engineer.

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 Omaha, Nebraska 68137-2027  
 402-499-7401  
 www.lrp.com

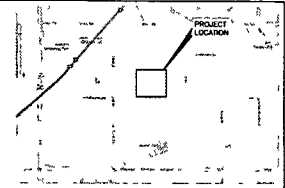
**LAMP RYNEARSON & ASSOCIATES**  
 NORTH SHORE NEBRASKA

STREETS AND STORM SEWER EXHIBIT

Job Number: 011204-03-003  
 Sheet: 1 of 1  
 Date: 07/07/2014  
 Sheet: 1 of 1

4

# SANITARY AND IMPROVEMENT DISTRICT NO. 292, SARPY COUNTY, NEBRASKA NORTH SHORE - PHASE 3



Prepared by	DATE
Checked by	DATE
Approved by	DATE
Project No.	DATE

This document is the final design for the project. It is not to be used for construction purposes. The final design shall be approved by the governing authority.

14710 West Dodge Road, Suite 100  
 Omaha, Nebraska 68131-2071  
 Phone: 402.499.7401  
 Fax: 402.499.7402  
 www.lamp-rvnearson.com

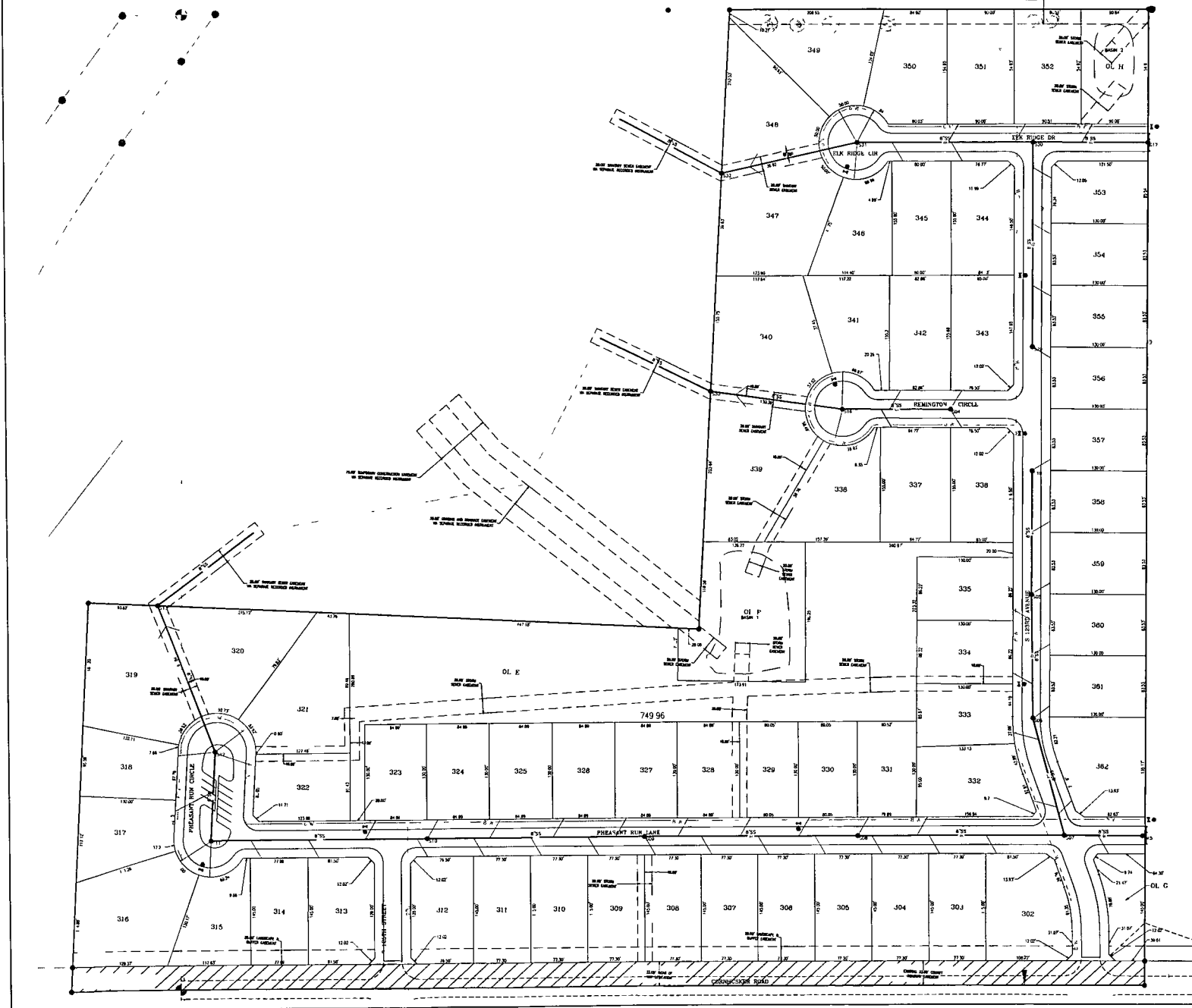
**LAMP RVNEARSON  
& ASSOCIATES**

NEBRASKA

SANITARY SEWER AND WATER EXHIBIT



- PROPRIETARY LINE
- PROPOSED SANITARY SEWER AND SERVICE
- PROPOSED MAN-HOLE
- PROPOSED WATER LINE
- PROPOSED WATER HYDRANT
- PROPOSED SALT BASIN/WATER QUALITY POND
- EXISTING GAS
- EXISTING WATER
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING MAN-HOLE
- EXISTING DECIDUOUS TREE AND SHRUB
- EXISTING F.E.S.
- EXISTING OVERHEAD POWER
- EXISTING UNDERGROUND POWER
- PROPOSED PAVEMENT



## EXHIBIT D-1

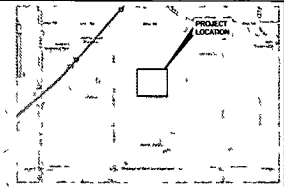


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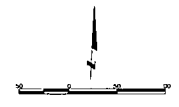
1:20 NUMBER 14818	1 of 1
01/2014 03-003	
Sheet Page	
Date	07/07/2014

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# SANITARY AND IMPROVEMENT DISTRICT NO 292, SARPY COUNTY, NEBRASKA NORTH SHORE - PHASE 3

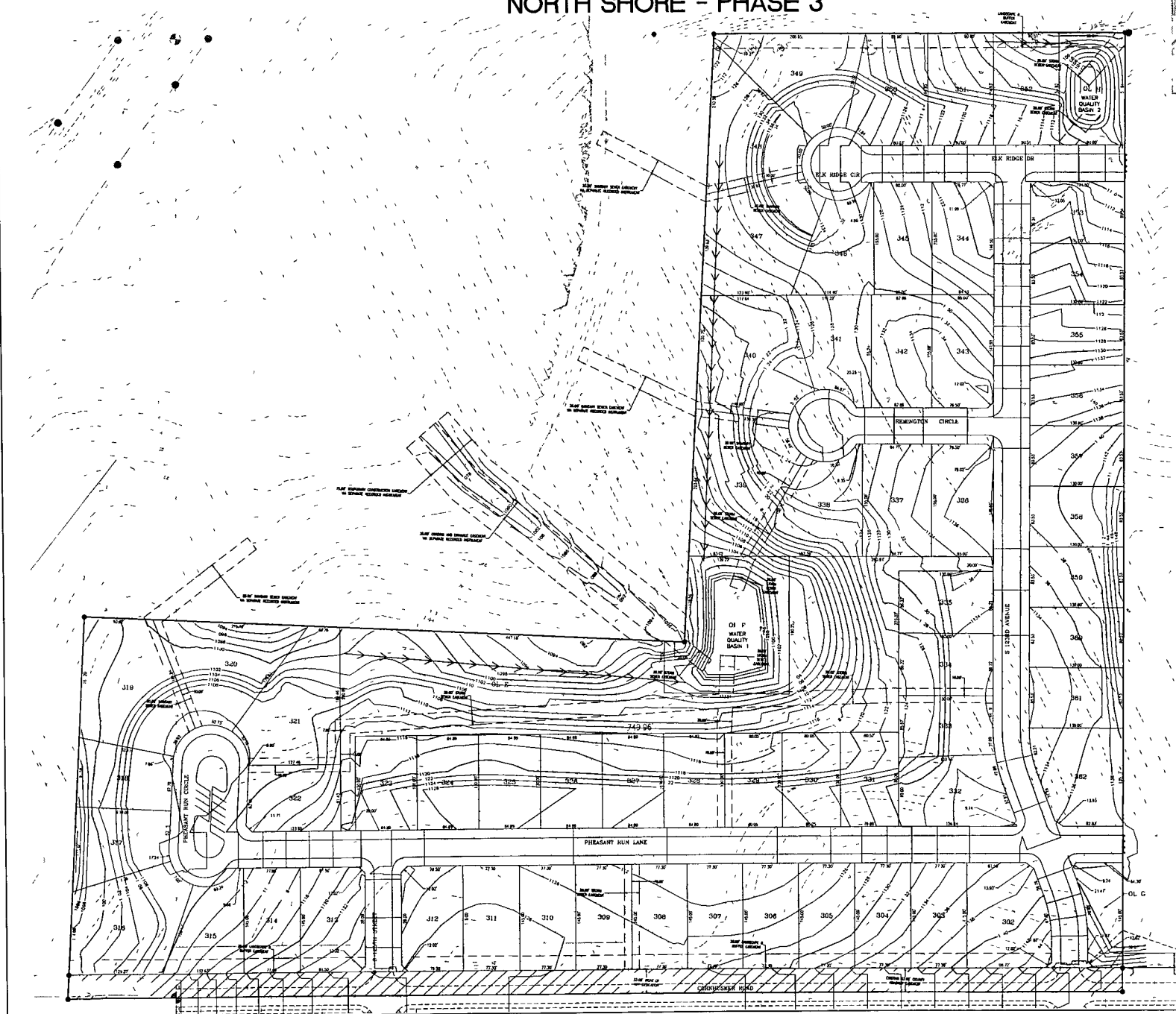


LOCALITY MAP



LEGEND

- PROPERTY LINE
- PROPOSED CONTOUR
- EXISTING CONTOUR
- HALF-FOOT DEEP DIVERSION SHALE
- PROPOSED PAVEMENT
- EXISTING GAS
- EXISTING WATER
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING MANHOLE
- EXISTING CURB INLET (BY OTHERS)
- EXISTING F.E.S.
- EXISTING OVERHEAD POWER
- EXISTING UNDERGROUND POWER



## EXHIBIT E-1

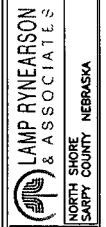


NOTES:  
 UNDESIGNED UTILITY LOCATIONS SHOWN ARE FROM INFORMATION PROVIDED BY ADJACENT PROPERTY OWNERS. VERIFY LOCATIONS AND DEPTHS OF ALL UTILITIES ON EXISTING PLANS. THE ACCURACY OF THE INFORMATION CONTAINED HEREIN IS NOT GUARANTEED. THE DESIGNER ASSUMES NO LIABILITY FOR DAMAGE TO OR LOSS OF PROPERTY OR PERSONAL INJURY OR DEATH RESULTING FROM THE USE OF THIS PLAN. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

Project No.	2021-01-01
Client	Sanitary and Improvement District No. 292
Design	Phase 3
Drawn	J. R. ...
Checked	J. R. ...
Approved	J. R. ...

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 402-433-9700  
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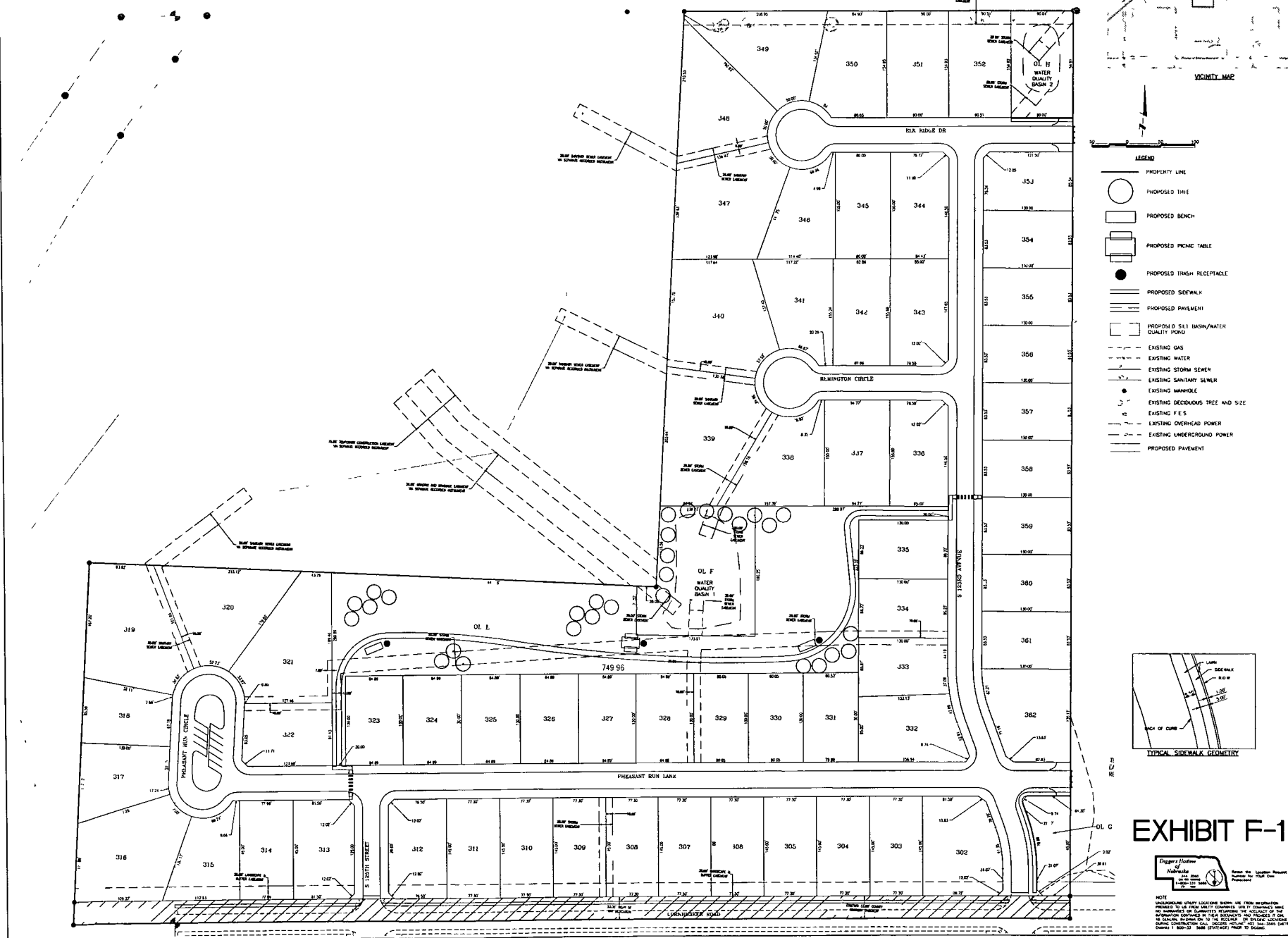


NORTH SHORE SARPY COUNTY NEBRASKA

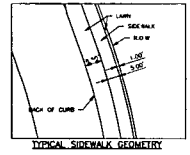
SEDIMENT AND/OR DETENTION

# SANITARY AND IMPROVEMENT DISTRICT NO. 292, SARPY COUNTY, NEBRASKA

## NORTH SHORE - PHASE 3



- LEGEND**
- PROPERTY LINE
  - PROPOSED TREE
  - PROPOSED BENCH
  - PROPOSED PICNIC TABLE
  - PROPOSED TRASH RECEPTACLE
  - PROPOSED SIDEWALK
  - PROPOSED PAVEMENT
  - PROPOSED SLOPE WASH/WATER QUALITY BASIN
  - EXISTING GAS
  - EXISTING WATER
  - EXISTING STORM SEWER
  - EXISTING SANITARY SEWER
  - EXISTING MANHOLE
  - EXISTING DECIDUOUS TREE AND SIZE
  - EXISTING E.E.S.
  - EXISTING OVERHEAD POWER
  - EXISTING UNDERGROUND POWER
  - PROPOSED PAVEMENT



### EXHIBIT F-1

**Design Station**  
 of  
 Mileage  
 77.00  
 77.50  
 78.00

**NOTE**  
 THIS PLAN IS A PRELIMINARY DESIGN. THE FIELD REPRESENTATIVE SHALL VERIFY ALL LOCATIONS, DIMENSIONS, AND ELEVATIONS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL FIELD DATA. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL FIELD DATA. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF ALL FIELD DATA.

<p>Prepared by: <b>LAMP RYNEARSON &amp; ASSOCIATES</b></p> <p>Checked by: _____</p> <p>Approved by: _____</p> <p>Date: 07/08/2014</p>	<p>Project No.: 107-485-2-486 (P)</p> <p>14710 West Duane Road, Suite 100              Omaha, Nebraska 68154-2097              402-484-7700              www.LRAInc.com</p> <p style="text-align: center;"><b>LAMP RYNEARSON &amp; ASSOCIATES</b></p> <p style="text-align: center;">NORTH SHORE NEBRASKA              SARPY COUNTY</p>
<p>DECORATIVE LIGHTING, TRAILS/SIDEWALKS AND LANDSCAPE/HARDSCAPE</p>	
<p>Sheet No. 0112044-01-003</p> <p>Book: 0499</p> <p>Date: 07/08/2014</p> <p>Sheet 1 of 1</p>	

N

# **S.I.D. Cost Estimate**

North Shore - Phase 1

0112044.01-003

SID 292

3/5/2015



**North Shore, Sarpy County SID 292**  
**ORDER OF MAGNITUDE COST ESTIMATE**  
**Phase 1**

Proposed Improvement	Quantity	Unit	Construction Cost	Total Cost	General Obligation	Special	Papillion Reimbursable	Sarpy County Reimbursable
<b>SANITARY SEWER</b>								
Intenor	10946	LF	\$505 883 68	\$799 040 68	\$163 71	\$798 876 97	\$0 00	\$0 00
Outfall - Western Springs	8346	LF	\$839 155 39	\$1 184 539 90	\$0 00	\$0 00	\$1 184 539 90	\$0 00
Outfall - Baseball Stadium	151	LF	\$3 466 55	\$5 337 34	\$0 00	\$0 00	\$5 337 34	0
Outfall Western Springs - Easement Acquisition	1	LS	\$249 905 00	\$295 391 79	\$0 00	\$0 00	\$295 391 79	\$0 00
<b>STORM SEWER</b>	6013	LF	\$385 224 28	\$572 049 50	\$521 102 83	\$0 00	\$0 00	\$50 946 67
<b>PAVING</b>								
Minor	36608	SY	\$974 223 31	\$1 384 848 48	\$336 905 17	\$1 047 943 31	\$0 00	\$0 00
Boulevard (Paving)	20518	SY	\$662 499 43	\$943 583 89	\$294 246 81	\$237 854 15	\$0 00	\$411 482 92
<b>SIDEWALKS</b>	47163	SF	\$209 680 63	\$287 116 74	\$287 116 74	\$0 00	\$0 00	\$0 00
<b>PARKS</b>								
Landscaping	1	LS	\$90 453 64	\$127 790 64	\$127 790 64	\$0 00	\$0 00	\$0 00
Improvements (Easement Acquisition)	1	LS	\$89 338 00	\$105 847 43	\$105 847 43	\$0 00	\$0 00	\$0 00
<b>WATER</b>								
Intenor	14027	LF	\$561 486 30	\$781 948 60	\$122 399 44	\$659 549 16	\$0 00	\$0 00
Capital Facilities Charges	188	LOTS	\$549 916 88	\$645 706 09	\$322 853 05	\$322 853 05	\$0 00	\$0 00
City Infrastructure Contrib	1	LS	\$542 400 00	\$601 242 26	\$601 242 26	\$0 00		
<b>POWER</b>								
Service	188	LOTS	\$165 440 00	\$229 368 03	\$0 00	\$229 368 03	\$0 00	\$0 00
Decorative Street Lights	35	EA	\$71 750 00	\$93 547 01	\$93 547 01	\$0 00		
<b>SIGNAGE</b>	250	SIGNS	\$94 577 89	\$135 876 51	\$81 859 71	\$0 00	\$0 00	\$54 016 80
<b>CIVIL DEFENSE SIREN</b>	1	LS	\$22 723 35	\$25 682 38	\$25 682 38	\$0 00	\$0 00	\$0 00
<b>PLAN REVIEW FEE</b>	1	%	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00
<b>Total</b>			<b>\$6 018 124 33</b>	<b>\$8 218 917 28</b>	<b>\$2 920 757 19</b>	<b>\$3 296 444 67</b>	<b>\$1 485 269 03</b>	<b>\$516 446 39</b>

Residential Valuation	188	Lots	\$60 160 000 00	Debt Ratio (95% Valuation)	<b>5.11%</b>
Total Valuation			\$60 160 000 00		
95% Valuation			\$57 152 000 00		

Phase I Specials (Excluding Power) **\$3 067 076 64**

Total Area - Phase I 105.98 Ac  
 School Lot Area 10.64 Ac 10.0%  
**Estimated School Specials (based on % of Total Area) \$307,934.49**

Net Total Specials - Phase 1 **\$2 988 510 17**  
 Phase 1 - Residential 188  
**Estimated Phase 1 - Specials per Lot \$15,896.33**



P

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## DEBT RATIO

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### ASSUMPTIONS

Average market Value Per Residential Lot  
(land value only) =

Average market Value Per Residential Lot (Improvements)  
(improvement value only) =

### ASSESSABLE VALUATION

Residential Lot	<input type="text" value="188"/>	Units =	\$50,000 00 =	\$9,400,000 00
Residential Improvements	<input type="text" value="188"/>	Units =	\$270,000 00 =	\$50,760,000 00
				<hr/>
Total 100% Valuation =				\$60,160,000 00
Total 95% Valuation =				\$57,152,000 00
DEBT RATIO =				<input type="text" value="5 11%"/>



**SANITARY SEWER - INTERIOR**



**Assumptions/Comments**

FINAL  
Soft costs % are (each individual soft cost/total construction cost (\$509 350)) Total construction cost (\$509350) is all bid items minus failed testing (See Baseball Stadium Outfall)

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	CONSTRUCT 6" SANITARY SEWER PIPE	6,156	LF	12.83	\$78,981.48
2	CONSTRUCT 8" SANITARY SEWER PIPE	10,946	LF	13.48	\$147,552.08
3	CONSTRUCT 54" I D SANITARY MANHOLE (64 EA)	768.4	VF	244.66	\$187,996.74
4	CONSTRUCT 8" X 6" WYE	135	EA	44.02	\$5,942.70
5	CONSTRUCT MANHOLE STUBOUT	53	EA	73.21	\$3,880.13
6	CONSTRUCT 6" PIPE PLUG	188	EA	6.98	\$1,312.24
7	CONSTRUCT 8" PIPE PLUG	7	EA	13.91	\$97.37
8	CONSTRUCT 6" PIPE BEDDING	6,156	LF	4.19	\$25,793.64
9	CONSTRUCT 8" PIPE BEDDING	10,946	LF	4.47	\$48,928.62
10	EXCAVATION FOR EXTRA DEEP SANITARY SEWER	1,537	VF-LF	3.58	\$5,502.46
11	CONSTRUCT MANHOLE RING COLLAR	4	EA	276.55	\$1,106.20
12	CONSTRUCT 8" CONNECTION TO EXISTING STRUCTURE	2	EA	613.69	\$1,227.38
	CONSTRUCT 54" I D SANITARY MANHOLE OVER EXISTING SANITARY PIPE	0	VF	273.40	\$0.00
13	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	83	TN	22.93	\$1,903.19
14	CONSTRUCT EXTERNAL FRAME SEAL	4	EA	250.25	\$1,001.00
15	SEEDING - TYPE "TEMPORARY SEED MIX"	0.00	AC	285.47	\$0.00
16	HAY OR STRAW MULCH	0.00	AC	0.01	\$0.00
17	CONSTRUCT SILT FENCE	58	LF	2.11	\$122.38
18	CLEANOUT SILT FENCE	0	LF	0.74	\$0.00
19	CLEANOUT SILT BASIN	0	CY	2.50	\$0.00
20					
	<b>LESS FAILED TESTS AND VIDEO RE-INSPECTION</b>				<b>-\$5,463.93</b>

**Construction Costs** **\$505,883.68**

**Soft Costs**

Engineering Design & CA	\$122,300.00
Testing	\$39,933.36
Review Fee	\$5,876.09
Legal	\$25,294.17
Fiscal	\$36,872.62
Interest	\$62,880.75
	<hr/>

**Total Soft Costs** **\$293,157.00**

**Total Project Costs** **\$799,040.68**

R

**SANITARY SEWER - WESTERN SPRINGS OUTFALL**

Assumptions/Comments  
FINAL



Bid Item Description	Approximate		Unit Price	Total
	Quantity	Unit		
1 CLEARING AND GRUBBING GENERAL	1	LS	10 357 05	\$10 357 05
2 REMOVE 8" PIPE PLUG	1	EA	122 59	\$122 59
3 REMOVE 15" PIPE PLUG	1	EA	122 58	\$122 58
4 REMOVE 18" PIPE PLUG	1	EA	122 58	\$122 58
5 REMOVE AND REPLACE FENCE	40	LF	12 26	\$490 40
6 CONSTRUCT 6" SANITARY SEWER PIPE	90	LF	13 77	\$1 239 30
7 CONSTRUCT 6" DRAINAGE COLLECTION PIPE	10	LF	13 95	\$139 50
8 CONSTRUCT 8" SANITARY SEWER PIPE	968	LF	16 06	\$15,546 08
9 CONSTRUCT 15" SANITARY SEWER PIPE	1 740	LF	25 99	\$45 222 60
10 CONSTRUCT 18" SANITARY SEWER PIPE	5 638	LF	33 23	\$187 350 74
11 CONSTRUCT 6" PIPE BEDDING	90	LF	3 14	\$282 60
12 CONSTRUCT 8" PIPE BEDDING	968	LF	3 29	\$3 184 72
13 CONSTRUCT 15" PIPE BEDDING	1 740	LF	4 00	\$6 960 00
14 CONSTRUCT 18" PIPE BEDDING	5,209	LF	5 67	\$29 535 03
15 CONSTRUCT 18" 47 B PIPE BEDDING	434	LF	5 74	\$2,491 16
16 DEWATERING	1	LS	29 170 17	\$29 170 17
17 PILOT TUBE AUGER BORE 15" SANITARY SEWER PIPE WITH 24" CASING PIPE	104	LF	313 42	\$32 595 68
18 PILOT TUBE AUGER BORE 18" SANITARY SEWER PIPE WITH 30" CASING PIPE	365	LF	394 53	\$144 003 45
19 SEAMLESS NEOPRENET END SEAL WITH STAINLESS STEEL BANDING STRAPS	6	EA	344 95	\$2,069 70
20 BORE 15" SANITARY SEWER PIPE	50	LF	110 62	\$5,531 00
21 CONSTRUCT 54" I D WATERTIGHT MANHOLE WITH BOLTED WATERTIGHT COVER (22EA)	264	9 VF	339 98	\$90 060 70
22 CONSTRUCT 54" I D WATERTIGHT MANHOLE WITH BOLTED WATERTIGHT COVER OVER EXISTING 8" SANITARY PIPE (2EA)	13	8 VF	373 87	\$5 159 41
23 CONSTRUCT 54" I D WATERTIGHT MANHOLE WITH BOLTED WATERTIGHT COVER OVER EXISTING 15" SANITARY PIPE (1EA)	19	3 VF	363 38	\$7 013 23
24 CONSTRUCT 54" FLATTOP MANHOLE WITH BOLTED WATER TIGHT COVER (5 EA)	43	5 VF	504 81	\$21,959 24
25 STABILIZATION TRENCH W/ CRUSHED LIMESTONE	1 127	41 TN	28 00	\$31,567 48
26 EXCAVATION FOR EXTRA DEEP SANITARY SEWER	3 625	VF-LF	2 08	\$7 540 00
27 SHORING AND EXCAVATION FOR MANHOLE S04	1	LS	38 604 45	\$38 604 45
28 EXTERNAL FRAME SEAL	25	EA	578 42	\$14 460 50
29 CONSTRUCT MANHOLE RING COLLAR	6	EA	371 41	\$2 228 46
30 CONSTRUCT CLAY PLUG	6	EA	184 33	\$1 105 98
31 CONSTRUCT FILTER DIAPHRAGM	150	TN	23 77	\$3 565 50
32 CONSTRUCT DRAIN PIPE OUTLET PAD	1	EA	658 64	\$658 64
33 CONSTRUCT TOPSOIL DIVERSION BERM	6,900	LF	3 72	\$25 668 00
34 CONSTRUCT SILT FENCE	0	LF	2 95	\$0 00
35 CLEANOUT SILT FENCE	0	LF	0 74	\$0 00
36 REMOVE SILT FENCE	0	LF	0 37	\$0 00
37 CONSTRUCT ROCK ACCESS ROAD	0	TN	29 92	\$0 00
38 SEEDING - TYPE "B"	0	0 AC	1 474 90	\$0 00
39 SEEDING - TYPE "DRAINAGEWAYS"	0	85 AC	1,290 54	\$1 096 96
40 SEEDING - TYPE "PRAIRIE SEED"	7	90 AC	1 124 61	\$8 884 42
41 STRAW MULCH	8	4 AC	559 23	\$4 697 53
42 ROLLED EROSION CONTROL TYPE II	1 715	SY	1 29	\$2 212 35
43 ALTERNATE NO 1 DELETED	0	EA	\$0 00	\$0 00
44 CHANGE ORDER NO 1 CONSTRUCT 72" SAMPLING MANHOLE AND EQUIPMENT	1	EA	\$23 476 43	\$23 476 43
45 CHANGE ORDER NO 2 BORING OBSTRUCTION EXCAVATION BETWEEN MANHOLES S04 AND S05	1	LS	\$34 402 71	\$34 402 71
LESS FAILED TESTS AND VIDEO RE-INSPECTION				-\$1,743 53

**Construction Costs** \$839,155 39

**Soft Costs**

Engineering Design & CA	\$139 054 36
Wetland Delineation	\$1 640 00
Testing	\$25 906 55
Review Fee	\$8 772 43
Legal	\$41 957 79
Fiscal	\$54,647 65
Interest	\$73 405 73

**Total Estimated Soft Costs** \$345 384 51

**Total Estimated Costs** \$1 184 539 90

5

**SANITARY SEWER - BASEBALL STADIUM OUTFALL**

Assumptions/Comments  
 FINAL  
 Included in Sanitary Sewer Section 1

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1	CONSTRUCT 8" SANITARY SEWER PIPE	151	LF	\$13 48	\$2 035 48
2	CONSTRUCT 8" PIPE BEDDING	151	LF	\$4 47	\$674 97
3	CONSTRUCT MANHOLE RING COLLAR	1	EA	\$276 55	\$276 55
4	CONSTRUCT EXTERNAL FRAME SEAL	1	EA	\$250 25	\$250 25
5	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	10	TN	\$22 93	\$229 30
6	CONSTRUCT 54" I D SANITARY MANHOLE OVER EXISTING SANITARY PIPE	0	VF	\$273 40	\$0 00
7	SEEDING - TYPE "TEMPORARY SEED MIX"	0 00	AC	\$285 47	\$0 00
8	HAY OR STRAW MULCH	0 00	AC	\$0 01	\$0 00

**Construction Costs** **\$3 466 55**

Soft Costs

Engineering Design & CA	\$700 00
Testing	\$273 64
Review Fee	\$40 27
Legal	\$173 33
Fiscal	\$252 67
Interest	\$430 89

**Total Soft Costs** **\$1 870 79**

**Total Costs** **\$5 337 34**

T

**SANITARY SEWER OUTFALL - WESTERN SPRINGS OUTFALL SEWER EASEMENT ACQUISITION**

Assumptions/Comments

FINAL

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1	ROBERT J HAUG	1	LS	\$71,625.00	\$71,625.00
2	PAUL A HAUG	1	LS	\$71,625.00	\$71,625.00
3	MOORE FAMILY TRUST	1	LS	\$47,750.00	\$47,750.00
4	W E A D A NEBRASKA GENERAL PARTNERSHIP	1	LS	\$58,905.00	\$58,905.00

Estimated Construction Costs \$249,905.00

Estimated Soft Costs

Legal	\$4,998.10
Fiscal	\$13,626.46
Interest	\$26,862.23

Total Estimated Soft Costs \$45,486.79

Total Estimated Costs \$295,391.79

4

**SANITARY SEWER - INTERIOR G O**

**Assumptions/Comments**

FINAL  
Erosion Control items are GO Soft cost % same as interior soft cost but no engineering costs

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1	CONSTRUCT 6" SANITARY SEWER PIPE	0	LF	12.83	\$0.00
2	CONSTRUCT 8" SANITARY SEWER PIPE	0	LF	13.48	\$0.00
3	CONSTRUCT 54" I D SANITARY MANHOLE (64 EA)	0	VF	244.66	\$0.00
4	CONSTRUCT 8" X 6" WYE	0	EA	44.02	\$0.00
5	CONSTRUCT MANHOLE STUBOUT	0	EA	73.21	\$0.00
6	CONSTRUCT 6" PIPE PLUG	0	EA	6.98	\$0.00
7	CONSTRUCT 8" PIPE PLUG	0	EA	13.91	\$0.00
8	CONSTRUCT 6" PIPE BEDDING	0	LF	4.19	\$0.00
9	CONSTRUCT 8" PIPE BEDDING	0	LF	4.47	\$0.00
10	EXCAVATION FOR EXTRA DEEP SANITARY SEWER	0	VF-LF	3.58	\$0.00
11	CONSTRUCT MANHOLE RING COLLAR	0	EA	276.55	\$0.00
12	CONSTRUCT 8" CONNECTION TO EXISTING STRUCTURE	0	EA	613.69	\$0.00
	CONSTRUCT 54" I D SANITARY MANHOLE OVER EXISTING SANITARY				
13	PIPE	0	VF	273.40	\$0.00
14	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	0	TN	22.93	\$0.00
15	CONSTRUCT EXTERNAL FRAME SEAL	0	EA	250.25	\$0.00
16	SEEDING - TYPE "TEMPORARY SEED MIX"	0.00	AC	285.47	\$0.00
17	HAY OR STRAW MULCH	0.00	AC	0.01	\$0.00
18	CONSTRUCT SILT FENCE	58	LF	2.11	\$122.38
19	CLEANOUT SILT FENCE	0	LF	0.74	\$0.00
20	CLEANOUT SILT BASIN	0	CY	2.50	\$0.00

**Estimated Construction Costs** \$122.38

**Estimated Soft Costs**

Engineering Design & CA	\$0.00
Testing	\$9.66
Review Fee	\$1.42
Legal	\$6.12
Fiscal	\$8.92
Interest	\$15.21

**Total Estimated Soft Costs** \$41.33

**Total Estimated Costs** \$163.71



**WESTERN SPRINGS SANITARY SEWER - OUTFALL REIMBURSABLE**

**Assumptions/Comments**  
 Per 8/6/13 Interlocal Agreement for Baseball Stadium & Western Springs Outfall Sewers

Bid Item Description	Approximate		Unit Price	Total
	Quantity	Unit		
1 CLEARING AND GRUBBING GENERAL	1 00	LS	\$10 357 05	\$10 357 05
2 REMOVE 8" PIPE PLUG	1 00	EA	\$122 59	\$122 59
3 REMOVE 15" PIPE PLUG	1 00	EA	\$122 58	\$122 58
4 REMOVE 18" PIPE PLUG	1 00	EA	\$122 58	\$122 58
5 REMOVE AND REPLACE FENCE	40 00	LF	\$12 26	\$490 40
6 CONSTRUCT 6" SANITARY SEWER PIPE	90 00	LF	\$13 77	\$1 239 30
7 CONSTRUCT 6" DRAINAGE COLLECTION PIPE	10 00	LF	\$13 95	\$139 50
8 CONSTRUCT 8" SANITARY SEWER PIPE	968 00	LF	\$16 06	\$15 546 08
9 CONSTRUCT 15" SANITARY SEWER PIPE	1,740 00	LF	\$25 99	\$45 222 60
10 CONSTRUCT 18" SANITARY SEWER PIPE	5 638 00	LF	\$33 23	\$187 350 74
11 CONSTRUCT 6" PIPE BEDDING	90 00	LF	\$3 14	\$282 60
12 CONSTRUCT 8" PIPE BEDDING	968 00	LF	\$3 29	\$3 184 72
13 CONSTRUCT 15" PIPE BEDDING	1,740 00	LF	\$4 00	\$6,960 00
14 CONSTRUCT 18" PIPE BEDDING	5 209 00	LF	\$5 67	\$29 535 03
15 CONSTRUCT 18" 47 B PIPE BEDDING	434 00	LF	\$5 74	\$2 491 16
16 DEWATERING	1 00	LS	\$29 170 17	\$29 170 17
17 PILOT TUBE AUGER BORE 15" SANITARY SEWER PIPE WITH 24" CASING PIPE	104 00	LF	\$313 42	\$32 595 68
18 PILOT TUBE AUGER BORE 18" SANITARY SEWER PIPE WITH 30' CASING PIPE	365 00	LF	\$394 53	\$144 003 45
19 SEAMLESS NEOPRENET END SEAL WITH STAINLESS STEEL BANDING STRAPS	6 00	EA	\$344 95	\$2 069 70
20 BORE 15" SANITARY SEWER PIPE	50 00	LF	\$110 62	\$5 531 00
21 CONSTRUCT 54" I D WATERTIGHT MANHOLE WITH BOLTED WATERTIGHT COVER (22EA)	264 90	VF	\$339 98	\$90 060 70
22 CONSTRUCT 54" I D WATERTIGHT MANHOLE WITH BOLTED WATERTIGHT COVER OVER EXISTING 8" SANITARY PIPE (2EA)	13 80	VF	\$373 87	\$5 159 41
23 CONSTRUCT 54" I D WATERTIGHT MANHOLE WITH BOLTED WATERTIGHT COVER OVER EXISTING 15" SANITARY PIPE (1EA)	19 30	VF	\$363 38	\$7,013 23
24 CONSTRUCT 54" FLATTOP MANHOLE WITH BOLTED WATER TIGHT COVER (5 EA)	43 50	VF	\$504 81	\$21 959 24
25 STABILIZATION TRENCH W/ CRUSHED LIMESTONE	1 127 41	TN	\$28 00	\$31 567 48
26 EXCAVATION FOR EXTRA DEEP SANITARY SEWER	3,625 00	VF-LF	\$2 08	\$7 540 00
27 SHORING AND EXCAVATION FOR MANHOLE S04	1 00	LS	\$38 604 45	\$38,604 45
28 EXTERNAL FRAME SEAL	25 00	EA	\$578 42	\$14 460 50
29 CONSTRUCT MANHOLE RING COLLAR	6 00	EA	\$371 41	\$2 228 46
30 CONSTRUCT CLAY PLUG	6 00	EA	\$184 33	\$1 105 98
31 CONSTRUCT FILTER DIAPHRAGM	150 00	TN	\$23 77	\$3 565 50
32 CONSTRUCT DRAIN PIPE OUTLET PAD	1 00	EA	\$658 64	\$658 64
33 CONSTRUCT TOPSOIL DIVERSION BERM	6 900 00	LF	\$3 72	\$25 668 00
34 CONSTRUCT SILT FENCE	0 00	LF	\$2 95	\$0 00
35 CLEANOUT SILT FENCE	0 00	LF	\$0 74	\$0 00
36 REMOVE SILT FENCE	0 00	LF	\$0 37	\$0 00
37 CONSTRUCT ROCK ACCESS ROAD	0 00	TN	\$29 92	\$0 00
38 SEEDING - TYPE "B"	0 00	AC	\$1 474 90	\$0 00
39 SEEDING - TYPE "DRAINAGEWAYS"	0 85	AC	\$1 290 54	\$1 096 96
40 SEEDING - TYPE "PRAIRIE SEED"	7 90	AC	\$1 124 61	\$8,884 42
41 STRAW MULCH	8 40	AC	\$559 23	\$4,697 53
42 ROLLED EROSION CONTROL TYPE II ALTERNATE NO 1	1 715 00	SY	\$1 29	\$2 212 35
43 DELETED	0 00	EA	\$0 00	\$0 00
44 CHANGE ORDER NO 1 CONSTRUCT 72" SAMPLING MANHOLE AND EQUIPMENT	1 00	LS	\$23 476 43	\$23,476 43
45 CHANGE ORDER NO 2 BORING OBSTRUCTION EXCAVATION BETWEEN MANHOLES S04 AND S05	1 00	LS	\$34 402 71	\$34 402 71
LESS FAILED TESTS AND VIDEO RE-INSPECTION				-\$1 743 53

**Construction Costs** \$839,155 39

Estimated Soft Costs

Engineering Design & CA	\$139 054 36
Wetland Delineation	\$1 640 00
Testing	\$25 906 55
Review Fee	\$8 772 43
Legal	\$41 957 79
Fiscal	\$54 647 65
Interest	\$73 405 73

**Total Soft Costs** \$345 384 51

**Total Costs** \$1,184 539 90

W

**SANITARY SEWER - BALLPARK STADIUM REIMBURSABLE**

Assumptions/Comments  
Per 8/6/13 Interlocal Agreement for Baseball Stadium & Western Springs Outfall Sewers

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1	CONSTRUCT 8" SANITARY SEWER PIPE	151	LF	\$13 48	\$2 035 48
2	CONSTRUCT 8" PIPE BEDDING	151	LF	\$4 47	\$674 97
3	CONSTRUCT MANHOLE RING COLLAR	1	EA	\$276 55	\$276 55
4	CONSTRUCT EXTERNAL FRAME SEAL	1	EA	\$250 25	\$250 25
5	STABILIZATION TRENCH W/ CRUSHED LIMESTONE CONSTRUCT 54" I D SANITARY MANHOLE OVER EXISTING SANITARY	10	TN	\$22 93	\$229 30
6	PIPE	0	VF	\$273 40	\$0 00
7	SEEDING - TYPE "TEMPORARY SEED MIX"	0 00	AC	\$285 47	\$0 00
8	HAY OR STRAW MULCH	0 00	AC	\$0 01	\$0 00
<b>Construction Costs</b>					<b>\$3 466 55</b>
<b>Soft Costs</b>					
	Engineering Design & CA				\$700 00
	Testing				\$273 64
	Review Fee				\$40 27
	Legal				\$173 33
	Fiscal				\$252 67
	Interest				\$430 89
<b>Total Soft Costs</b>					<b>\$1 870 79</b>
<b>Total Costs</b>					<b>\$5,337 34</b>



X

**SANITARY SEWER OUTFALL - WESTERN SPRINGS OUTFALL EASEMENT ACQUISITION REIMBURSABLE**

**Assumptions/Comments**

Per 8/6/13 Interlocal Agreement for Baseball Stadium & Western Springs Outfall Sewers

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1	ROBERT J HAUG	1	LS	\$71,625 00	\$71,625 00
2	PAUL A HAUG	1	LS	\$71,625 00	\$71,625 00
3	MOORE FAMILY TRUST	1	LS	\$47,750 00	\$47,750 00
4	W E A D A NEBRASKA GENERAL PARTNERSHIP	1	LS	\$58,905 00	\$58,905 00

**Estimated Construction Costs** \$249,905 00

**Estimated Soft Costs**

Legal	\$4,998 10
Fiscal	\$13,626 46
Interest	\$26,862 23

**Total Estimated Soft Costs** \$45,486 79

**Total Estimated Costs** \$295,391 79

Y

**STORM SEWER**

Assumptions/Comments



Final

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	CLEARING AND GRUBBING - GENERAL	1	LS	1,565 00	\$1,565 00
2	GRADING AND SHAPING - GENERAL	1	LS	1,255 00	\$1,255 00
3	CONSTRUCT 18" R C P , CLASS III	1,849 84	LF	20 30	\$37 551 75
4	CONSTRUCT 24" R C P , CLASS III	1,832 06	LF	26 60	\$48,732 80
5	CONSTRUCT 30" R C P , CLASS III	859	LF	35 20	\$30,236 80
6	CONSTRUCT 36" R C P , D(0 01) = 1,350	939 16	LF	47 30	\$44 422 27
7	CONSTRUCT 42" R C P D(0 01) = 1,350	532 95	LF	61 45	\$32,749 78
8	CONSTRUCT 54" I D MANHOLE (7 EA)	99 06	VF	336 00	\$33,284 16
9	CONSTRUCT 66" I D MANHOLE (5 EA)	61 12	VF	388 00	\$23,714 56
10	CONSTRUCT 18" PIPE BEDDING	1,865 84	LF	3 95	\$7,370 07
11	CONSTRUCT 24" PIPE BEDDING	1,840 06	LF	4 85	\$8,924 29
12	CONSTRUCT 30" PIPE BEDDING	867	LF	6 35	\$5,505 45
13	CONSTRUCT 36" PIPE BEDDING	947 16	LF	10 90	\$10 324 04
14	CONSTRUCT 42" PIPE BEDDING	548 95	LF	12 90	\$7,081 46
15	CONSTRUCT 18" R C FLARED END SECTION W/BAR GRATE	2	EA	875 00	\$1,750 00
16	CONSTRUCT 24" R C FLARED END SECTION W/BAR GRATE	1	EA	1,030 00	\$1,030 00
17	CONSTRUCT 30" R C FLARED END SECTION W/BAR GRATE	1	EA	1,160 00	\$1,160 00
18	CONSTRUCT 36" R C FLARED END SECTION W/BAR GRATE	1	EA	1,480 00	\$1,480 00
19	CONSTRUCT 42" R C FLARED END SECTION W/BAR GRATE	2	EA	1,830 00	\$3,660 00
20	CONSTRUCT 54" AREA INLET - TYPE II (1 EA)	5 97	VF	355 00	\$2 119 35
21	CONSTRUCT 72" AREA INLET - TYPE II (1 EA)	8 49	VF	420 00	\$3,565 80
22	STABILIZE TRENCH W/ CRUSHED LIMESTONE	0	TN	20 20	\$0 00
23	CONSTRUCT ROCK RIP-RAP - TYPE "C"	53 82	TN	37 80	\$2,034 40
24	REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER	1	LS	71,626 00	\$71,626 00
25	CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION	1	LS	3,581 30	\$3 581 30
26	SEEDING - TYPE "TEMPORARY SEED MIX"	0 5	AC	1,000 00	\$500 00
27	STRAW MULCH	0	AC	1,000 00	\$0 00
28	CONSTRUCT SILT FENCE	0	LF	3 50	\$0 00
29	CLEANOUT SILT FENCE	0	LF	0 50	\$0 00
30	CLEANOUT SILT BASIN	0	CY	2 00	\$0 00

**Construction Costs** \$385,224 28

Soft Costs

Engineering Design & CA	\$93,261 29
Testing	\$5,603 50
Review Fee	\$4,088 40
Legal	\$19,261 23
Fiscal	\$26,479 19
Interest	\$38,131 61

**Total Soft Costs** \$186,825 22

**Total Costs** **\$572,049 50**

2

**STORM SEWER G O**

**Assumptions/Comments**



See Storm Sewer Boulevard (120th/Superior/126th Streets) for Sewer Sarpy County Reimbursable Calculation

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	CLEARING AND GRUBBING - GENERAL	1	LS	1,565 00	\$1,565 00
2	GRADING AND SHAPING - GENERAL	1	LS	1,255 00	\$1,255 00
3	CONSTRUCT 18" R C P , CLASS III	1849 84	LF	20 30	\$37,551 75
4	CONSTRUCT 24" R C P , CLASS III	1832 06	LF	26 60	\$48,732 80
5	CONSTRUCT 30" R C P , CLASS III	859 00	LF	35 20	\$30,236 80
6	CONSTRUCT 36" R C P , D(0 01) = 1,350	939 16	LF	47 30	\$44,422 27
7	CONSTRUCT 42" R C P , D(0 01) = 1,350	532 95	LF	61 45	\$32,749 78
8	CONSTRUCT 54" I D MANHOLE (12 EA)	99 06	VF	336 00	\$33,284 16
9	CONSTRUCT 66" I D MANHOLE (5 EA)	61 12	VF	388 00	\$23,714 56
10	CONSTRUCT 18" PIPE BEDDING	1865 84	LF	3 95	\$7,370 07
11	CONSTRUCT 24" PIPE BEDDING	1840 06	LF	4 85	\$8,924 29
12	CONSTRUCT 30" PIPE BEDDING	867 00	LF	6 35	\$5,505 45
13	CONSTRUCT 36" PIPE BEDDING	947 16	LF	10 90	\$10,324 04
14	CONSTRUCT 42" PIPE BEDDING	548 95	LF	12 90	\$7,081 46
15	CONSTRUCT 18" R C FLARED END SECTION W/BAR GRATE	2	EA	875 00	\$1,750 00
16	CONSTRUCT 24" R C FLARED END SECTION W/BAR GRATE	1	EA	1,030 00	\$1,030 00
17	CONSTRUCT 30" R C FLARED END SECTION W/BAR GRATE	1	EA	1,160 00	\$1,160 00
18	CONSTRUCT 36" R C FLARED END SECTION W/BAR GRATE	1	EA	1,480 00	\$1,480 00
19	CONSTRUCT 42" R C FLARED END SECTION W/BAR GRATE	2	EA	1,830 00	\$3,660 00
	CONSTRUCT 54" AREA INLET - TYPE II				
20	(1 EA)	5 97	VF	355 00	\$2,119 35
	CONSTRUCT 72" AREA INLET - TYPE II				
21	(1 EA)	8 49	VF	420 00	\$3,565 80
22	STABILIZE TRENCH W/ CRUSHED LIMESTONE	0	TN	20 20	\$0 00
23	CONSTRUCT ROCK RIP-RAP - TYPE "C"	53 82	TN	37 80	\$2,034 40
24	REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER	1	LS	71,626 00	\$71,626 00
25	CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION	1	LS	3,581 30	\$3,581 30
26	SEEDING - TYPE "TEMPORARY SEED MIX"	0 5	AC	1,000 00	\$500 00
27	STRAW MULCH	0	AC	1,000 00	\$0 00
28	CONSTRUCT SILT FENCE	0	LF	3 50	\$0 00
29	CLEANOUT SILT FENCE	0	LF	0 50	\$0 00
30	CLEANOUT SILT BASIN	0	CY	2 00	\$0 00

**Construction Costs** \$385,224 28

Soft Costs

Engineering Design & CA	\$93,261 29
Testing	\$5,603 50
Review Fee	\$4,088 40
Legal	\$19,261 23
Fiscal	\$26,479 19
Interest	\$38,131 61

**Total Soft Costs** \$186,825 22

**Total Costs** \$572,049 50

Aa

**STORM SEWER (Boulevard GO & Reimbursable)**

**Assumptions/Comments**



Boulevard (120th/Superior/126th Streets) Storm Sewer QUANTITIES  
TAKEN FROM PLAN SHEETS

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1	CONSTRUCT 18" R C P , CLASS III	261 45	LF	20 30	\$5,307 44
2	CONSTRUCT 24" R C P , CLASS III	819 92	LF	26 60	\$21,809 87
	CONSTRUCT 30" R C P , CLASS III	23 05	LF	35 20	\$811 36
3	CONSTRUCT 36" R C P , D(0 01) = 1,350	459 91	LF	47 30	\$21,753 74
	CONSTRUCT 54" I D MANHOLE (6 EA)	43 88	VF	336 00	\$14,743 68
	CONSTRUCT 66" I D MANHOLE (1 EA)	8 00	VF	388 00	\$3,104 00
4	CONSTRUCT 18" PIPE BEDDING	261 45	LF	3 95	\$1,032 73
5	CONSTRUCT 24" PIPE BEDDING	819 92	LF	4 85	\$3,976 61
5	CONSTRUCT 30" PIPE BEDDING	23 05	LF	6 35	\$146 37
6	CONSTRUCT 36" PIPE BEDDING	459 91	LF	10 90	\$5,013 02
7	CONSTRUCT 18" R C FLARED END SECTION W/BAR GRATE	1	EA	875 00	\$875 00
8	CONSTRUCT 24" R C FLARED END SECTION W/BAR GRATE	1	EA	1,030 00	\$1,030 00
9	CONSTRUCT 36" R C FLARED END SECTION W/BAR GRATE	1	EA	1,480 00	\$1,480 00

**Construction Costs.** **\$81,083 82**  
21 05% Of Total Storm Section I

**Soft Costs**

Engineering Design & CA	\$19,630 07
Testing	\$1,179 45
Review Fee	\$4,054 19
Legal	\$4,054 19
Fiscal	\$5,573 46
Interest	\$8,026 12

**Total Soft Costs Storm Boulevard** **\$42,517 50**

**Total Costs Storm Boulevard** **\$123,601 31**

**Sarpy County Reimbursable Costs.** **\$50,946 67**  
(50% of Construction, Engineering and Testing)

Ab

**PAVING SECTION 1 - TOTAL**

Assumptions/Comments  
FINAL  
Paving Minor & Boulevard Breakdown Below

	<b>Total</b>
Construction Costs	\$1,636,722 74
Engineering Design & Const Admin	\$356,750 95
Testing	\$30,556 00
Maintenance (Barricades)	\$1,847 72
Review Fee	\$18,068 75
Legal	\$81,836 14
Fiscal	\$107,735 58
Interest	\$94,914 49
<b>Total Project Costs</b>	<b>\$2,328,432 37</b>

Ac

**PAVING MINOR**

**Assumptions/Comments**

FINAL  
 SEE BELOW FOR PAVING BOULEVARD (120TH/SUPERIOR/126TH STREETS)  
 HIGHLIGHTED ITEMS REFLECTS SHARED QUANTITIES WITH PAVING BOULEVARD

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 REMOVE TEMPORARY CURB	0	LF	7 42	\$0 00
2 7" CONCRETE PAVEMENT - TYPE L65	36,608	SY	23 23	\$850,403 84
3 COMMON EARTH EXCAVATION	12,203	CY	1 94	\$23,673 17
4 MEDIAN SURFACING	0	SF	7 02	\$0 00
5 CONSTRUCT MEDIAN NOSE	0	EA	183 75	\$0 00
6 CONSTRUCT DETECTABLE WARNING	0	SF	21 00	\$0 00
7 ADJUST MANHOLE TO GRADE	58	EA	164 30	\$9,529 40
8 EXTERNAL FRAME SEAL	54	EA	302 78	\$16,350 12
9 CONSTRUCT BURIED LUG HEADER	0	EA	105 00	\$0 00
10 CONCRETE HEADER	100	LF	6 70	\$670 00
11 CONSTRUCT END OF STREET BARRICADE	0	EA	790 72	\$0 00
12 REMOVE TEMPORARY INLET BASE	1	EA	100 00	\$100 00
13 CONSTRUCT CURB INLET - TYPE I	25	EA	1,620 00	\$40,500 00
14 CONSTRUCT CURB INLET - TYPE III	10	EA	1,920 00	\$19,200 00
15 BARRICADES - TYPE II	0	BD	0 48	\$0 00
16 BARRICADES - TYPE III	0	BD	1 17	\$0 00
17 TOPSOIL ISLANDS	0	CY	9 36	\$0 00
18 SEEDING - TYPE "TEMPORARY SEED MIX"	0	AC	159 00	\$0 00
19 STRAW MULCH	0	AC	424 00	\$0 00
20 CONSTRUCT SILT FENCE	0	LF	2 65	\$0 00
21 CLEANOUT SILT FENCE	0	LF	2 10	\$0 00
22 CLEANOUT SILT BASIN	0	CY	3 00	\$0 00
23 JET EXISTING SANITARY SEWER	11,097	LF	0 64	\$7,102 08
24 CONSTRUCT MOW STRIP	0	SF	8 25	\$0 00
<b>PER CHANGE ORDER NO 1</b>				
25 9" CONCRETE PAVEMENT - TYPE L65 (COST INCREASE FROM 7" TO 9")	0	LF	5 43	\$0 00
<b>PER CHANGE ORDER NO 2</b>				
26 TRAFFIC CIRCLE REINFORCING - NO 5 BARS @ 2'9" ON CENTER	0	SY	0 97	\$0 00
<b>PER CHANGE ORDER NO 3</b>				
27 REMOVE AND RELOCATE LIGHT POLE AND BASE	1	LS	\$3,722 95	\$3,722 95
28 EROSION MAINTENANCE	1	LS	\$4,947 50	\$4,947 50
ADDITIONAL EXCAVATION OF INTERSECTIONS AND MANHOLE				
29 ADJUSTMENTS	1	LS	\$6,902 36	\$6,902 36
<b>PER CHANGE ORDER NO 4</b>				
30 SAWCUT AND REMOVE CURB AND GUTTER - 123RD AVENUE	0	LF	\$15 00	\$0 00
31 SAWCUT AND REMOVE CURB AND GUTTER - LINCOLN BOULEVARD	0	LF	\$15 00	\$0 00
32 ADDITIONAL TIE BARS	0	EA	\$7 00	\$0 00
ADJUST RCP AND POUR CONCRETE FOR CONNECTION BETWEEN 2				
33 INLETS ON NORTH END OF 120TH STREET	0	EA	\$750 00	\$0 00
LESS FAILED CORINGS				-\$1,050 00
LESS FAILED COMPACTION TEST				-\$660 00
LESS PAVEMENT PAY ADJUSTMENT				-\$7,168 11

**Construction Costs** \$974,223 31  
 59 5% Of Total Paving, Section I

**Soft Costs**

Engineering Design & CA	\$212,348 18
Testing	\$18,187 79
Maintenance (Barricades)	\$0 00
Review Fee	\$10,755 03
Legal	\$48,711 17
Fiscal	\$64,127 24
Interest	\$56,495 77

**Total Soft Costs** \$410,625 17

**Total Costs** \$1,384,848 48

Ad

**PAVING BOULEVARD - 120TH TO 126TH STREET BETWEEN LINCOLN AND CORNHUSKER**

**Assumptions/Comments**



FINAL  
SEE PAVING MINOR ABOVE  
HIGHLIGHTED ITEMS REFLECTS SHARED QUANTITIES WITH PAVING MINOR

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1	REMOVE TEMPORARY CURB	0	LF	7 42	\$0 00
2	7" CONCRETE PAVEMENT - TYPE L65	20,518	SY	23 23	\$476,633 14
3	COMMON EARTH EXCAVATION	6,839	CY	1 94	\$13,268 31
4	MEDIAN SURFACING	1,656	SF	7 02	\$11,625 12
5	CONSTRUCT MEDIAN NOSE	10	EA	183 75	\$1,837 50
6	CONSTRUCT DETECTABLE WARNING	88	SF	21 00	\$1,848 00
7	ADJUST MANHOLE TO GRADE	9	EA	164 30	\$1,478 70
8	EXTERNAL FRAME SEAL	9	EA	302 78	\$2,725 02
9	CONSTRUCT BURIED LUG HEADER	1	EA	105 00	\$105 00
10	CONCRETE HEADER	25	LF	6 70	\$167 50
11	CONSTRUCT END OF STREET BARRICADE	0	EA	790 72	\$0 00
12	REMOVE TEMPORARY INLET BASE	0	EA	100 00	\$0 00
13	CONSTRUCT CURB INLET - TYPE I	11	EA	1,620 00	\$17,820 00
14	CONSTRUCT CURB INLET - TYPE III	1	EA	1,920 00	\$1,920 00
15	BARRICADES - TYPE II	840	BD	0 48	\$403 20
16	BARRICADES - TYPE III	0	BD	1 17	\$0 00
17	TOPSOIL ISLANDS	1,650	CY	9 36	\$15,444 00
18	SEEDING - TYPE "TEMPORARY SEED MIX"	0	AC	159 00	\$0 00
19	STRAW MULCH	0	AC	424 00	\$0 00
20	CONSTRUCT SILT FENCE	0	LF	2 65	\$0 00
21	CLEANOUT SILT FENCE	0	LF	2 10	\$0 00
22	CLEANOUT SILT BASIN	0	CY	3 00	\$0 00
23	JET EXISTING SANITARY SEWER	0	LF	0 64	\$0 00
24	CONSTRUCT MOW STRIP	0	SF	8 25	\$0 00
	<b>PER CHANGE ORDER NO 1</b>				
25	9" CONCRETE PAVEMENT - TYPE L65 (COST INCREASE FROM 7" TO 9")	20,518	SY	5 43	\$111,412 74
	<b>PER CHANGE ORDER NO 2</b>				
26	TRAFFIC CIRCLE REINFORCING - NO 5 BARS @ 2'9" ON CENTER	1,060	SY	0 97	\$1,028 20
	<b>PER CHANGE ORDER NO 3</b>				
27	REMOVE AND RELOCATE LIGHT POLE AND BASE	0	LS	\$3,722 95	\$0 00
28	EROSION MAINTENANCE	0	LS	\$4,947 50	\$0 00
	ADDITIONAL EXCAVATION OF INTERSECTIONS AND MANHOLE				
29	ADJUSTMENTS	0	LS	\$6,902 36	\$0 00
	<b>PER CHANGE ORDER NO 4</b>				
30	SAWCUT AND REMOVE CURB AND GUTTER - 123RD AVENUE	124	LF	\$15 00	\$1,860 00
31	SAWCUT AND REMOVE CURB AND GUTTER - LINCOLN BOULEVARD	122	LF	\$15 00	\$1,830 00
32	ADDITIONAL TIE BARS	49	EA	\$7 00	\$343 00
	ADJUST RCP AND POUR CONCRETE FOR CONNECTION BETWEEN 2				
33	INLETS ON NORTH END OF 120TH STREET	1	EA	\$750 00	\$750 00

**Construction Costs** \$662,499 43  
40 5% Of Total Paving, Section I

**Soft Costs Paving Boulevard**

Engineering Design & CA	\$144,402 77
Testing	\$12,368 21
Maintenance (Barricades)	\$1,847 72
Review Fee	\$7,313 72
Legal	\$33,124 97
Fiscal	\$43,608 34
Interest	\$38,418 72

**Total Soft Costs Paving Boulevard** \$281,084 46

**Total Costs Paving Boulevard** \$943,583 89

**Sarpy County Reimbursable Costs** \$411,482 92  
(50% of Construction, Engineering and Testing)

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**Total Paving Boulevard Costs**

**\$532,100.96**



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**PAVING IN EXCESS OF 6" THICK**

**Assumptions/Comments**

Total pavement in excess of 6" minus Sarpy County pavement contribution and G O pavement

	<b>Bid Item Description</b>	<b>Approximate Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
1	1" CONCRETE PAVEMENT	5,480	SY	\$23 23	\$127,309 61
	CONTINGENCY	0%		\$127,309 61	\$0 00

**Estimated Construction Costs** \$127,309 61  
7.8% Of Total Paving, Section I

**Soft Costs**

Engineering Design & CA	\$27,749 25
Testing	\$2,376 74
Maintenance (Barricades)	\$0 00
Review Fee	\$1,405 45
Legal	\$6,365 48
Fiscal	\$8,380 02
Interest	\$7,382 76

**Total Estimated Soft Costs** 13% \$16,150 95

**Total Estimated Costs** **\$143 460 56**

FORMULA	PAVEMENT MINOR QUANTITY	36,608 SY
	- G O PAVEMENT MINOR QUANTITY	3,297 SY
	<hr/>	33,311 SY
	Pavement SY X (1/7") = 1" Pavement SY	4,759 SY
FORMULA	BOULEVARD PAVEMENT QUANTITY	20,518 SY
	- SARPY COUNTY CONTRIBUTION	10,259 SY
	- G O BOULEVARD PAVEMENT QUANTITY	5,207 SY
	<hr/>	5,052 SY
	Pavement SY X (1/7") = 1" Pavement SY	722 SY
TOTAL		5,480 SY

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**PAVING SECTION 1 - GO TOTAL**

Assumptions/Comments  
FINAL  
Paving Minor & Boulevard Breakdown Below

	Total
<b>Construction Costs</b>	<b>\$576,620 69</b>
35 2% Of total Construction Cost	
Engineering Design & Const Admin	\$41,750 95
Testing	\$10,764 94
Maintenance (Barricades)	\$1,847 72
Review Fee	\$6,365 66
Legal	\$28,831 04
Fiscal	\$31,760 14
Interest	\$20,301 05
<b>Total Project Costs</b>	<b>\$718,242 19</b>

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**PAVING MINOR G.O**

**Assumptions/Comments**



Intersections and extra wide pavement are GO  
120th/Superior/126th Streets Paving GO included in Paving Boulevard GO Below

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	REMOVE TEMPORARY CURB	0	LF	7.42	\$0.00
2	7" CONCRETE PAVEMENT - TYPE L65	3,297.16	SY	23.23	\$76,593.03
3	COMMON EARTH EXCAVATION	1,099.05	CY	1.94	\$2,132.16
4	MEDIAN SURFACING	0	SF	7.02	\$0.00
5	CONSTRUCT MEDIAN NOSE	0	EA	183.75	\$0.00
6	CONSTRUCT DETECTABLE WARNING	0	SF	21.00	\$0.00
7	ADJUST MANHOLE TO GRADE	2	EA	164.30	\$328.60
8	EXTERNAL FRAME SEAL	2	EA	302.78	\$605.56
9	CONSTRUCT BURIED LUG HEADER	0	EA	105.00	\$0.00
10	CONCRETE HEADER	100	LF	6.70	\$670.00
11	CONSTRUCT END OF STREET BARRICADE	0	EA	790.72	\$0.00
12	REMOVE TEMPORARY INLET BASE	1	EA	100.00	\$100.00
13	CONSTRUCT CURB INLET - TYPE I	25	EA	1,620.00	\$40,500.00
14	CONSTRUCT CURB INLET - TYPE III	10	EA	1,920.00	\$19,200.00
15	BARRICADES - TYPE II	0	BD	0.48	\$0.00
16	BARRICADES - TYPE III	0	BD	1.17	\$0.00
17	TOPSOIL ISLANDS	0	CY	9.36	\$0.00
18	SEEDING - TYPE "TEMPORARY SEED MIX"	0	AC	159.00	\$0.00
19	STRAW MULCH	0	AC	424.00	\$0.00
20	CONSTRUCT SILT FENCE	0	LF	2.65	\$0.00
21	CLEANOUT SILT FENCE	0	LF	2.10	\$0.00
22	CLEANOUT SILT BASIN	0	CY	3.00	\$0.00
23	JET EXISTING SANITARY SEWER	0	LF	0.64	\$0.00
24	CONSTRUCT MOW STRIP	0	SF	8.25	\$0.00
	<b>PER CHANGE ORDER NO 1</b>				
25	9" CONCRETE PAVEMENT - TYPE L65 (COST INCREASE FROM 7" TO 9")	0	LF	5.43	\$0.00
	<b>PER CHANGE ORDER NO 2</b>				
26	TRAFFIC CIRCLE REINFORCING - NO 5 BARS @ 2'9" ON CENTER	0	SY	0.97	\$0.00
	<b>PER CHANGE ORDER NO 3</b>				
27	REMOVE AND RELOCATE LIGHT POLE AND BASE	1	LS	\$3,722.95	\$3,722.95
28	EROSION MAINTENANCE ADDITIONAL EXCAVATION OF INTERSECTIONS AND MANHOLE ADJUSTMENTS	1	LS	\$4,947.50	\$4,947.50
29	<b>PER CHANGE ORDER NO 4</b>				
30	SAWCUT AND REMOVE CURB AND GUTTER - 123RD AVENUE	0	LF	\$15.00	\$0.00
31	SAWCUT AND REMOVE CURB AND GUTTER - LINCOLN BOULEVARD	0	LF	\$15.00	\$0.00
32	ADDITIONAL TIE BARS	0	EA	\$7.00	\$0.00
33	ADJUST RCP AND POUR CONCRETE FOR CONNECTION BETWEEN 2 INLETS ON NORTH END OF 120TH STREET	0	EA	\$750.00	\$0.00

**Construction Costs.** \$155,702.16

27.0% Of Total Paving, Section I - GO

**Soft Costs**

Engineering Design & CA	\$11,273.81
Testing	\$2,906.81
Maintenance (Barricades)	\$0.00
Review Fee	\$1,718.89
Legal	\$7,785.11
Fiscal	\$8,576.04
Interest	\$5,481.80

**Total Soft Costs** \$37,742.45

**Total Paving Minor GO Costs** \$193,444.61

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**PAVING BOULEVARD - 120TH TO 126TH STREET BETWEEN LINCOLN AND CORNHUSKER - GO**

**Assumptions/Comments**



Quantities are taken from subdivision exhibits  
 Boulevard includes 120th Street, Superior and 126th Street  
 50% Cost Share by Sarpy County

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
<b>PAVING (Items 1-24 are based on bids)</b>					
1	REMOVE TEMPORARY CURB	0	LF	7 42	\$0 00
2	7" CONCRETE PAVEMENT - TYPE L65	10,414	13 SY	23 23	\$241,920 24
3	COMMON EARTH EXCAVATION	3,471	38 CY	1 94	\$6,734 47
4	MEDIAN SURFACING	1,656	00 SF	7 02	\$11,625 12
5	CONSTRUCT MEDIAN NOSE	10	EA	183 75	\$1,837 50
6	CONSTRUCT DETECTABLE WARNING	88	SF	21 00	\$1,848 00
7	ADJUST MANHOLE TO GRADE	7	EA	164 30	\$1,150 10
8	EXTERNAL FRAME SEAL	7	EA	302 78	\$2,119 46
9	CONSTRUCT BURIED LUG HEADER	1	EA	105 00	\$105 00
10	CONCRETE HEADER	25	LF	6 70	\$167 50
11	CONSTRUCT END OF STREET BARRICADE	0	EA	790 72	\$0 00
12	REMOVE TEMPORARY INLET BASE	0	EA	100 00	\$0 00
13	CONSTRUCT CURB INLET - TYPE I	9	EA	1 620 00	\$14,580 00
14	CONSTRUCT CURB INLET - TYPE III	3	EA	1,920 00	\$5,760 00
15	BARRICADES - TYPE II	840	BD	0 48	\$403 20
16	BARRICADES - TYPE III	0	BD	1 17	\$0 00
17	TOPSOIL ISLANDS	1,650	CY	9 36	\$15,444 00
18	SEEDING - TYPE "TEMPORARY SEED MIX"	0	AC	159 00	\$0 00
19	STRAW MULCH	0	AC	424 00	\$0 00
20	CONSTRUCT SILT FENCE	0	LF	2 65	\$0 00
21	CLEANOUT SILT FENCE	0	LF	2 10	\$0 00
22	CLEANOUT SILT BASIN	0	CY	3 00	\$0 00
23	JET EXISTING SANITARY SEWER	0	LF	0 64	\$0 00
24	CONSTRUCT MOW STRIP	0	SF	8 25	\$0 00
	<b>PER CHANGE ORDER NO 1</b>				
25	9" CONCRETE PAVEMENT - TYPE L65 (COST INCREASE FROM 7" TO 9")	20,518	SY	5 43	\$111,412 74
	<b>PER CHANGE ORDER NO 2</b>				
26	TRAFFIC CIRCLE REINFORCING - NO 5 BARS @ 2'9" ON CENTER	1,060	SY	0 97	\$1,028 20
	<b>PER CHANGE ORDER NO 3</b>				
27	REMOVE AND RELOCATE LIGHT POLE AND BASE	0	LS	3 722 95	\$0 00
28	EROSION MAINTENANCE	0	LS	4 947 50	\$0 00
	ADDITIONAL EXCAVATION OF INTERSECTIONS AND MANHOLE				
29	ADJUSTMENTS	0	LS	6,902 36	\$0 00
	<b>PER CHANGE ORDER NO 4</b>				
30	SAWCUT AND REMOVE CURB AND GUTTER - 123RD AVENUE	124	LF	15 00	\$1,860 00
31	SAWCUT AND REMOVE CURB AND GUTTER - LINCOLN BOULEVARD	122	LF	15 00	\$1,830 00
32	ADDITIONAL TIE BARS	49	EA	7 00	\$343 00
	ADJUST RCP AND POUR CONCRETE FOR CONNECTION BETWEEN 2				
33	INLETS ON NORTH END OF 120TH STREET	1	EA	750 00	\$750 00

**Construction Costs** \$420,918 53  
 73 0% Of Total Paving, Section I - GO

**Soft Costs Paving**

Engineering Design & Const Admin	\$30,477 14
Testing	\$7,858 13
Maintenance (Barricades)	\$1,847 72
Review Fee	\$4,646 77
Legal	\$21,045 93
Fiscal	\$23,184 10
Interest	\$14,819 25

**Total Paving Soft Costs** \$103,879 04

**Total Paving Boulevard G O Costs** \$524,797 58

**Less Sarpy County Reimbursable G O Costs** \$230,550 76

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(50% of Construction, Engineering and Testing)

Total Paving Boulevard G.O Costs

\$294,246.81

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**PAVING IN EXCESS OF 6" THICK - G O.**

**Assumptions/Comments**

Total pavement in excess of 6" minus Sarpy County pavement contribution and G O pavement (8282 full quantity reduced to what is shown below)

	<b>Bid Item Description</b>	<b>Approximate Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
1	1" CONCRETE PAVEMENT	5,480	SY	\$23.23	\$127,309.61
<b>Estimated Construction Costs</b>					<b>\$127,309.61</b>

**Soft Costs**

Engineering Design & CA	\$27,749.25
Testing	\$2,376.74
Maintenance (Barricades)	\$0.00
Review Fee	\$1,405.45
Legal	\$6,365.48
Fiscal	\$8,380.02
Interest	\$7,382.76

**Total Soft Costs** \$16,150.95

**Total Costs** **\$143,460.56**

FORMULA	PAVEMENT MINOR QUANTITY	36,608 SY
	- G O PAVEMENT MINOR QUANTITY	3,297 SY
	<hr/>	33,311 SY
	Pavement SY X (1/7") = 1" Pavement SY	4,759 SY
FORMULA	BOULEVARD PAVEMENT QUANTITY	20,518 SY
	- SARPY COUNTY CONTRIBUTION	10,259 SY
	- G O BOULEVARD PAVEMENT QUANTITY	5,207 SY
	<hr/>	5,052 SY
	Pavement SY X (1/7") = 1" Pavement SY	722 SY
TOTAL		5,480 SY

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**SIDEWALKS**

**Assumptions/Comments**



UNDER CONSTRUCTION  
 5 foot wide sidewalk along both sides of 120th/Superior/126th streets -  
 Added sidewalk behind lots 2-7 along Lincoln Rd per City of Papillion

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	5' WIDE 5" THICK CONCRETE SIDEWALK	47,163	SF	2 70	\$127,340 10
2	CONSTRUCT P C CONCRETE CURB RAMP (FULL DEPTH)	2,400	SF	7 51	\$18,024 00
3	SUBGRADE PREPARATION	6,657	SY	1 89	\$12,580 79
4	COMMON EARTH EXCAVATION	925	CY	7 54	\$6,974 50
5	CONSTRUCT DETECTABLE WARNING PANEL	352	SF	14 30	\$5,033 60
6	ADJUST MANHOLE TO GRADE	1	EA	272 00	\$272 00
7	ADJUST WATER VALVE TO GRADE	16	EA	255 00	\$4,080 00
8	SEEDING - TYPE "TEMPORARY"	2	AC	640 00	\$1,280 00
9	HAY OR STRAW MULCH	2	AC	873 00	\$1,746 00
10	CONSTRUCT 100 YEAR OVER-FLOW SWALE	2	EA	2,500 00	\$5,000 00
	CONTINGENCY	15%		\$182,330 99	\$27,349 65

**Estimated Construction Costs** \$209,680 63

**Estimated Soft Costs**

	<b>Engineering Design, Construction</b>	
21 00%	<b>Admin, Geotechnical &amp; Testing</b>	\$44,032 93
5 00%	<b>Legal</b>	\$10,484 03
5 00%	<b>Fiscal</b>	\$13,209 88
7 00%	<b>Interest</b>	\$9,709 26
6	<b>Duration (Months)</b>	

**Total Estimated Soft Costs** 37% \$77,436 11

**Total Estimated Costs** \$287,116 74

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**SIDEWALKS G.O.**

**Assumptions/Comments**



UNDER CONSTRUCTION  
5 foot wide sidewalk along both sides of 120th/Superior/126th streets

	<b>Bid Item Description</b>	<b>Approximate Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
1	5' WIDE 5" THICK CONCRETE SIDEWALK	47163	SF	\$2 70	\$127,340 10
2	CONSTRUCT P C CONCRETE CURB RAMP (FULL DEPTH)	2400	SF	\$7 51	\$18,024 00
3	SUBGRADE PREPARATION	6657	SY	\$1 89	\$12,580 79
4	COMMON EARTH EXCAVATION	925	CY	\$7 54	\$6,974 50
5	CONSTRUCT DETECTABLE WARNING PANEL	352	SF	\$14 30	\$5,033 60
6	ADJUST MANHOLE TO GRADE	1	EA	\$272 00	\$272 00
7	ADJUST WATER VALVE TO GRADE	16	EA	\$255 00	\$4,080 00
8	SEEDING - TYPE "TEMPORARY"	2	AC	\$640 00	\$1,280 00
9	HAY OR STRAW MULCH	2	AC	\$873 00	\$1,746 00
10	CONSTRUCT 100 YEAR OVER-FLOW SWALE	2	EA	\$2,500 00	\$5,000 00
	CONTINGENCY	15%		\$182,330 99	\$27,349 65

**Estimated Construction Costs** \$209,680 63

**Estimated Soft Costs**

	<b>Engineering Design, Construction</b>	
21 00%	<b>Admin, Geotechnical &amp; Testing</b>	\$44,032 93
5 00%	<b>Legal</b>	\$10,484 03
5 00%	<b>Fiscal</b>	\$13,209 88
7 00%	<b>Interest</b>	\$9,709 26
	<b>6 Duration (Months)</b>	

**Total Estimated Soft Costs** 37% \$77,436 11

**Total Estimated Costs** \$287,116 74



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**LANDSCAPING**

**Assumptions/Comments**



UNDERCONSTRUCTION  
North Shore Boulevard bid prices

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	CONSTRUCT IRRIGATION SYSTEM	105,600	SF	\$0 64	\$67,584 00
2	CONSTRUCT METER PIT	1	LS	\$11,071 34	\$11,071 34
	CONTINGENCY	15%		\$78,655 34	\$11,798 30
<b>Estimated Construction Costs</b>					<b>\$90,453 64</b>
<b><u>Estimated Soft Costs</u></b>					
	25 00% Engineering Design & CA				\$22,613 41
	5 00% Legal				\$4,522 68
	5 00% Fiscal				\$5,879 49
	7 00% Interest				\$4,321 42
	6 Duration (Months)				
<b>Total Estimated Soft Costs</b>					41% <b>\$37,337 00</b>
<b>Total Estimated Costs</b>					<b>\$127,790 64</b>

**PARKS IMPROVEMENTS (ACQUISITON)**

**Assumptions/Comments**



FINAL

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT	1	LS	\$89,338 00	\$89,338 00
<b>Acquisition Costs</b>					<b>\$89,338 00</b>
<b><u>Soft Costs</u></b>					
	Engineering Design & Construction				\$0 00
	Admin				\$1,786 76
	Legal				\$4,882 75
	Fiscal				\$9,839 92
	Interest				
<b>Total Soft Costs</b>					<b>\$16,509 43</b>
<b>Total Costs</b>					<b>\$105,847 43</b>

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**LANDSCAPING G O**

Assumptions/Comments



UNDERCONSTRUCTION  
North Shore Boulevard bid prices

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	CONSTRUCT IRRIGATION SYSTEM	105600	SF	\$0 64	\$67,584 00
2	CONSTRUCT METER PIT	1	LS	\$11,071 34	\$11,071 34
	CONTINGENCY	15%		\$78,655 34	\$11,798 30
<b>Estimated Construction Costs</b>					<b>\$90,453 64</b>
<b>Estimated Soft Costs</b>					
<b>Engineering Design, Construction</b>					
25 00%	Admin, Geotechnical & Testing				\$22,613 41
5 00%	Legal				\$4,522 68
5 00%	Fiscal				\$5,879 49
7 00%	Interest				\$4,321 42
6	Duration (Months)				
<b>Total Estimated Soft Costs</b>					<b>41% \$37,337 00</b>
<b>Total Estimated Costs</b>					<b>\$127,790 64</b>

**PARKS IMPROVEMENTS (ACQUISITON) G O**

Assumptions/Comments



FINAL

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT	1 00	LS	\$89,338 00	\$89,338 00
<b>Estimated Construction Costs</b>					<b>\$89,338 00</b>
<b>Estimated Soft Costs</b>					
<b>Engineering Design &amp; Construction</b>					
	Admin				\$0 00
	Legal				\$1,786 76
	Fiscal				\$4,882 75
	Interest				\$9,839 92
	Duration (Months)				
<b>Total Estimated Soft Costs</b>					<b>18% \$16,509 43</b>
<b>Total Estimated Costs</b>					<b>\$105,847 43</b>

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**WATER INTERIOR**

Assumptions/Comments

FINAL

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	CLEARING AND GRUBBING GENERAL	1	LS	2,500 00	\$2,500 00
2	REMOVE 12" PIPE PLUG	2	EA	650 00	\$1,300 00
3	CONSTRUCT 6" WATER MAIN	1,560	LF	19 10	\$29,796 00
4	CONSTRUCT 8" WATER MAIN	7,369	LF	20 30	\$149,590 70
5	CONSTRUCT 12" WATER MAIN	5,098	LF	33 70	\$171,802 60
6	CONSTRUCT 8" PIPE PLUG WITH BACKING BLOCK	0	EA	260 00	\$0 00
7	CONSTRUCT 12" PIPE PLUG WITH BACKING BLOCK	1	EA	1,045 00	\$1,045 00
8	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	21	EA	3 260 00	\$68,460 00
	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY				
9	AND BACKING BLOCK	8	EA	3,485 00	\$27,880 00
10	CONSTRUCT 6" M J GATE VALVE AND BOX	5	EA	820 00	\$4,100 00
11	CONSTRUCT 8" M J GATE VALVE AND BOX	25	EA	1,110 00	\$27,750 00
12	CONSTRUCT 12" M J GATE VALVE AND BOX	26	EA	1,995 00	\$51,870 00
13	CONSTRUCT 8"x8"x6" M J TEE ASSEMBLY AND BACKING BLOCK	1	EA	268 00	\$268 00
14	CONSTRUCT 8"x8"x8" M J TEE ASSEMBLY AND BACKING BLOCK	2	EA	268 00	\$536 00
15	CONSTRUCT 12"x12"x6" M J TEE ASSEMBLY AND BACKING BLOCK	3	EA	410 00	\$1,230 00
16	CONSTRUCT 12"x12"x8" M J TEE ASSEMBLY AND BACKING BLOCK	5	EA	420 00	\$2,100 00
17	CONSTRUCT 12"x12"x12" M J TEE ASSEMBLY AND BACKING BLOCK	2	EA	502 00	\$1,004 00
18	CONSTRUCT 12"x8" CROSS	1	EA	468 00	\$468 00
19	CONSTRUCT 12"x12" CROSS	1	EA	635 00	\$635 00
20	CONSTRUCT 12" X 6" REDUCER	2	EA	210 00	\$420 00
21	CONSTRUCT 12" X 8" REDUCER	2	EA	210 00	\$420 00
22	CONSTRUCT 6" x 11 25 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	95 00	\$0 00
23	CONSTRUCT 8" x 11 25 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	95 00	\$0 00
24	CONSTRUCT 6" x 22 5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2	EA	285 00	\$570 00
25	CONSTRUCT 8" x 22 5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2	EA	198 00	\$396 00
26	CONSTRUCT 6" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	17	EA	190 00	\$3 230 00
27	CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	5	EA	335 00	\$1,675 00
28	CONSTRUCT 6" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	198 00	\$0 00
29	CONSTRUCT 8" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2	EA	225 00	\$450 00
	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK				
30	BLOCK	1	EA	496 00	\$496 00
31	CONSTRUCT 6" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	8	EA	226 00	\$1,808 00
32	CONSTRUCT 8" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	2	EA	248 00	\$496 00
33	CONSTRUCT 12" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	4	EA	560 00	\$2,240 00
34	CONSTRUCT CHLORINE TUBE	2	EA	1,675 00	\$3,350 00
35	CLEANOUT SILT FENCE	0	LF	1 00	\$0 00
36	CLEANOUT SILT BASIN	0	CY	3 15	\$0 00
37	SEEDING - TYPE "TEMPORARY SEED MIX"	6	AC	600 00	\$3,600 00
38	STRAW MULCH	0	AC	625 00	\$0 00

**Construction Costs** \$561 486 30

Soft Costs

<b>Engineering Design &amp; Construction</b>	
Admin	\$118,416 64
Review Fee	\$6,046 19
Legal	\$28,074 32
Fiscal	\$36,141 03
Interest	\$31,784 12

**Total Soft Costs** \$220 462 30

**Total Costs** \$781,948 60

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**CAPITAL FACILITIES CHARGES**

Assumptions/Comments



PER SUBDIVISION AGREEMENT (INCLUDES PHASES 1 AND 2)

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1	LOTS 1-300	300	LOT	\$1,970 00	\$591 000 00
2	SCHOOL LOT	10 64	AC	\$5,250 00	\$55,860 00
3	OUTLOTS	16 45	AC	\$5,250 00	\$86,362 50
4	CREDIT (EXTERIOR WATER MAIN EXTENSION)	1 00	LS	-\$183,305 62	-\$183,305 62
<b>Construction Costs</b>					<b>\$549 916 88</b>

**Soft Costs**

Legal	\$10,998 34
Fiscal	\$29 786 47
Interest	\$55 004 40

**Total Estimated Soft Costs** \$95,789 21

**Total Estimated Costs** \$645,706 09

OUTLOT	AREA	UNITS
A Phase 2	25657	SF
B	34893	SF
C	46491	SF
D	609765	SF
<b>TOTAL</b>	<b>16 4556</b>	<b>AC</b>

AS

**City Infrastructure Contribution**

Assumptions/Comments



Total fee to be split between North Shore and Ashbury Farm - Total contribution per Jeff Thompson on 2/6/2013 is \$1,356,000 Assume no reimbursibles at this time 40% to North Shore, 60% to Ashbury Farm

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	Contribution to City Infrastructure	1	LS	\$542,400 00	\$542,400 00

**Estimated Construction Costs** \$542,400 00

Estimated Soft Costs

Legal	\$10,848 00
Fiscal	\$27 662 40
Interest	\$20,331 86
Duration (Months)	

**Total Estimated Soft Costs** 11% \$58 842 26

**Total Estimated Costs** \$601,242 26

At

**WATER INTERIOR G.O. - PRICE DIFFERENCES**

Bid Item Description	Approximate Quantity	Unit	Unit Price	8" Main Baseline Cost	Cost Difference	G O Amount
5 CONSTRUCT 12" WATER MAIN	5,098	LF	\$33 70	\$20 30	\$13 40	\$68,313 20
12 CONSTRUCT 12" M J GATE VALVE AND BOX	26	EA	\$1,995 00	\$1,110 00	\$885 00	\$23,010 00
15 CONSTRUCT 12"x12"x6" M J TEE ASSEMBLY AND BACKING BLOCK	3	EA	\$410 00	\$268 00	\$142 00	\$426 00
16 CONSTRUCT 12"x12"x8" M J TEE ASSEMBLY AND BACKING BLOCK	5	EA	\$420 00	\$268 00	\$152 00	\$760 00
17 CONSTRUCT 12"x12"x12" M J TEE ASSEMBLY AND BACKING BLOCK	2	EA	\$502 00	\$268 00	\$234 00	\$468 00
18 CONSTRUCT 12"x8" CROSS	1	EA	\$468 00	\$268 00	\$200 00	\$200 00
19 CONSTRUCT 12"x12" CROSS	1	EA	\$635 00	\$268 00	\$367 00	\$367 00
20 CONSTRUCT 12" X 6" REDUCER	2	EA	\$210 00	\$0 00	\$210 00	\$420 00
21 CONSTRUCT 12" X 8" REDUCER	2	EA	\$210 00	\$0 00	\$210 00	\$420 00
27 CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	5	EA	\$335 00	\$225 00	\$110 00	\$550 00
30 CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	1	EA	\$496 00	\$225 00	\$271 00	\$271 00
33 CONSTRUCT 12" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	4	EA	\$560 00	\$248 00	\$312 00	\$1,248 00
						\$0 00

**Construction Costs** \$96,453 20

**Soft Costs**

Engineering Design & CA	\$8,416 64
Review Fee	\$1,038 63
Legal	\$4,822 66
Fiscal	\$6,208 38
Interest	\$5,459 94

**Total Soft Costs** \$25,946 24

**Total Costs** \$122,399 44

**City Infrastructure Contribution - G O**

**Assumptions/Comments**



Total fee to be split between North Shore and Ashbury Farm - Total contribution per Jeff Thompson on 2/6/2013 is \$1,356,000 Assume no reimbursibles at this time 40% to North Shore, 60% to Ashbury Farm

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 Contribution to City Infrastructure	1	LS	\$542 400 00	\$542,400 00

**Estimated Construction Costs** \$542,400 00

**Estimated Soft Costs**

Legal	\$10,848 00
Fiscal	\$27,662 40
Interest	\$20 331 86
Duration (Months)	

**Total Estimated Soft Costs** 11% \$58,842 26

**Total Estimated Costs** \$601,242 26

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**SIGNAGE**

**Assumptions/Comments**

UNDER CONSTRUCTION

120th/Superior/126th Streets Signs are in Paving Boulevard Sheet Sidewalk, street signs and pavement markings bid on 7/16/14

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	54	EA	\$332 00	\$17,928 00
2	2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP	84	EA	\$361 00	\$30,324 00
3	"STOP" SIGN (R1-1)(30")	24	EA	\$163 00	\$3,912 00
4	"YIELD" SIGN (R1-2)(30" X30" X 30")	5	EA	\$163 00	\$815 00
5	SPEED LIMIT SIGN (R2-1)(24" X 30")	6	EA	\$163 00	\$978 00
6	MOVEMENT LEFT TURN ONLY/THRU AND RIGHT SIGN (R3-8L)(36" X 30")	1	EA	\$227 00	\$227 00
7	YIELD AHEAD SIGN (W3-2)(30" X 30")	4	EA	\$173 00	\$692 00
8	"LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30" X 30")	1	EA	\$163 00	\$163 00
9	"KEEP RIGHT" SIGN (R4-7)(18X24")	15	EA	\$163 00	\$2,445 00
10	"ONE WAY" SIGN (R6-4)(30" X 24")	5	EA	\$163 00	\$815 00
	"TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24" X 24") WITH PLACARD (W16-12P)(24" X 18")	4	EA	\$204 00	\$816 00
12	"NO OUTLET" SIGN (W14-2)(30" X 30")	10	EA	\$163 00	\$1,630 00
13	"END" SIGN (R3-17bP)(24" X 8")	2	EA	\$204 00	\$408 00
14	"BIKE LANE" SIGN (R3-17)(30"X24")	15	EA	\$163 00	\$2,445 00
15	"PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30")	11	EA	\$163 00	\$1,793 00
16	DIAGONAL ARROW SIGN (W16-7pL)(24"X12")	9	EA	\$163 00	\$1,467 00
17	REFLECTIVE DELINEATORS	5 00	EA	\$465 00	\$2,325 00
18	AHEAD SIGN (W16-9P)(30"X18")	2 00	EA	\$163 00	\$326 00
19	"NO PARKING" SIGN (R7-1D)(24" X 30")	10 00	EA	\$98 90	\$989 00
20	24" PERMANENT PAINTED PAVEMENT MARKING - WHITE	540	LF	\$3 49	\$1,884 60
21	5" PERMANENT PAINTED PAVEMENT MARKING - WHITE, DOTTED	250	LF	\$3 49	\$872 50
22	5" PERMANENT PAINTED PAVEMENT MARKING - WHITE	8,150	LF	\$0 52	\$4,238 00
23	6" PERMANENT PAINTED PAVEMENT MARKING - WHITE	300	LF	\$0 87	\$261 00
24	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE "ONLY"	1	EA	\$116 00	\$116 00
	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE				
25	DIRECTIONAL ARROW	2	EA	\$98 90	\$197 80
	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE				
26	SYMBOL	40	EA	\$98 90	\$3,956 00
	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE				
27	ARROW	40	EA	\$98 90	\$3,956 00
	CONTINGENCY	10%		\$85,979 90	\$8,597 99

**Estimated Construction Costs** \$94,577 89

**Estimated Soft Costs**

**Engineering Design & Construction**

25 00%	Admin	\$23,644 47
0 00%	Geotechnical and Testing	\$0 00
5 00%	Legal	\$4,728 89
5 00%	Fiscal	\$6,147 56
7 00%	Interest	\$6,777 69
9 Duration (Months)		

**Total Estimated Soft Costs** 44% **\$41,298 62**

**Total Estimated Costs** **\$135,876 51**



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**SIGNAGE G.O.**

**Assumptions/Comments**

120th/Superior/126th Streets Signs are in Paving Boulevard Sheet

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	54	EA	\$332 00	\$17,928 00
2	2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP	84	EA	\$361 00	\$30,324 00
3	"STOP" SIGN (R1-1)(30")	24	EA	\$163 00	\$3,912 00
4	"YIELD" SIGN (R1-2)(30" X30" X 30")	5	EA	\$163 00	\$815 00
5	SPEED LIMIT SIGN (R2-1)(24" X 30")	6	EA	\$163 00	\$978 00
6	MOVEMENT LEFT TURN ONLY/THRU AND RIGHT SIGN (R3-8L)(36" X 30")	1	EA	\$227 00	\$227 00
7	YIELD AHEAD SIGN (W3-2)(30" X 30")	4	EA	\$173 00	\$692 00
8	"LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30" X 30")	1	EA	\$163 00	\$163 00
9	"KEEP RIGHT" SIGN (R4-7)(18X24")	15	EA	\$163 00	\$2,445 00
10	"ONE WAY" SIGN (R6-4)(30" X 24")	5	EA	\$163 00	\$815 00
	"TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24" X 24") WITH PLACARD (W16-12P)(24" X 18")	4	EA	\$204 00	\$816 00
11					
12	"NO OUTLET" SIGN (W14-2)(30" X 30")	10	EA	\$163 00	\$1,630 00
13	"END" SIGN (R3-17bP)(24" X 8")	2	EA	\$204 00	\$408 00
14	"BIKE LANE" SIGN (R3-17)(30"X24")	15	EA	\$163 00	\$2,445 00
15	"PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30")	11	EA	\$163 00	\$1,793 00
16	DIAGONAL ARROW SIGN (W16-7pL)(24"X12")	9	EA	\$163 00	\$1,467 00
17	REFLECTIVE DELINEATORS	5	EA	\$465 00	\$2,325 00
18	AHEAD SIGN (W16-9P)(30"X18")	2	EA	\$163 00	\$326 00
19	"NO PARKING" SIGN (R7-1D)(24" X 30")	10	EA	\$98 90	\$989 00
20	24" PERMANENT PAINTED PAVEMENT MARKING - WHITE	540	LF	\$3 49	\$1,884 60
21	5" PERMANENT PAINTED PAVEMENT MARKING - WHITE, DOTTED	250	LF	\$3 49	\$872 50
22	5" PERMANENT PAINTED PAVEMENT MARKING - WHITE	8150	LF	\$0 52	\$4,238 00
23	6" PERMANENT PAINTED PAVEMENT MARKING - WHITE	300	LF	\$0 87	\$261 00
24	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE "ONLY"	1	EA	\$116 00	\$116 00
	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE				
25	DIRECTIONAL ARROW	2	EA	\$98 90	\$197 80
	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE				
26	SYMBOL	40	EA	\$98 90	\$3,956 00
	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE				
27	ARROW	40	EA	\$98 90	\$3,956 00
	CONTINGENCY	10%		\$85,979 90	\$8,597 99

**Estimated Construction Costs** \$94,577 89

**Estimated Soft Costs**

<b>Engineering Design, Construction</b>		
25 00%	Admin, Geotechnical & Testing	\$23,644 47
0 00%	Geotechnical and Testing	\$0 00
5 00%	Legal	\$4,728 89
5 00%	Fiscal	\$6,147 56
7 00%	Interest	\$6,777 69
9 Duration (Months)		

**Total Estimated Soft Costs** 44% \$41,298 62

**Total Estimated Costs** \$135,876 51

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**SARPY COUNTY REIMBURSEMENT - SIGNAGE BOULEVARD 120TH TO 126TH STREET BETWEEN LINCOLN AND CORNHUSKER**

**Assumptions/Comments**



Unit Pricing of street signs and posts Per Interlocal Agreement with Sarpy County

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
<b>SIGNS (OPEN SIDEWALK CONTRACT)</b>					
1	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	20	EA	\$50 00	\$1,000 00
2	2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP	34	EA	\$125 00	\$4,250 00
3	"STOP" SIGN (R1-1)(30")	8	EA	\$163 00	\$1,304 00
4	"YIELD" SIGN (R1-2)(30" X30" X 30")	5	EA	\$163 00	\$815 00
5	SPEED LIMIT SIGN (R2-1)(24" X 30")	4	EA	\$163 00	\$652 00
6	MOVEMENT LEFT TURN ONLY/THRU AND RIGHT SIGN (R3-8L)(36" X 30")	1	EA	\$227 00	\$227 00
7	YIELD AHEAD SIGN (W3-2)(30" X 30")	3	EA	\$173 00	\$519 00
8	"LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30" X 30")	1	EA	\$163 00	\$163 00
9	"KEEP RIGHT" SIGN (R4-7)(18X24")	15	EA	\$163 00	\$2,445 00
10	"ONE WAY" SIGN (R6-4)(30" X 24")	5	EA	\$163 00	\$815 00
	"TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24" X 24") WITH PLACARD (W16-12P)(24" X 18")	3	EA	\$204 00	\$612 00
11	"NO OUTLET" SIGN (W14-2)(30" X 30")	10	EA	\$163 00	\$1,630 00
12	"END" SIGN (R3-17bP)(24" X 8")	1	EA	\$204 00	\$204 00
13	"BIKE LANE" SIGN (R3-17)(30"X24")	13	EA	\$163 00	\$2,119 00
14	"PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30")	11	EA	\$163 00	\$1,793 00
15	DIAGONAL ARROW SIGN (W16-7pL)(24"X12")	9	EA	\$163 00	\$1,467 00
16	REFLECTIVE DELINEATORS	5	EA	\$465 00	\$2,325 00
17	AHEAD SIGN (W16-9P)(30"X18")	2	EA	\$163 00	\$326 00
18	"NO PARKING" SIGN (R7-1D)(24" X 30")	8	EA	\$98 90	\$791 20
19	24" PERMANENT PAINTED PAVEMENT MARKING - WHITE	540	LF	\$3 49	\$1,884 60
20	5" PERMANENT PAINTED PAVEMENT MARKING - WHITE, DOTTED	250	LF	\$3 49	\$872 50
21	5" PERMANENT PAINTED PAVEMENT MARKING - WHITE	6400	LF	\$0 52	\$3,328 00
22	6" PERMANENT PAINTED PAVEMENT MARKING - WHITE	300	LF	\$0 87	\$261 00
23	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE "ONLY"	1	EA	\$116 00	\$116 00
24	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE				
25	DIRECTIONAL ARROW	2	EA	\$98 90	\$197 80
26	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE				
27	SYMBOL	32	EA	\$98 90	\$3,164 80
	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE				
	ARROW	32	EA	\$98 90	\$3,164 80
	CONTINGENCY	10%		\$23,457 20	\$2,345 72

**Estimated Construction Costs:** \$38,792 42

**Estimated Soft Costs**

**Engineering Design, Testing and**

21 00%	Construction Administration	\$8,146 41
5 00%	Legal	\$1,939 62
5 00%	Fiscal	\$2,443 92
7 00%	Interest	\$2,694 42
9 Duration (Months)		

**Total Estimated Soft Costs** 39% \$15,224 38

**Total Estimated Costs.** \$54,016 80

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**POWER**

Assumptions/Comments

↩ Final

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	SINGLE FAMILY LOT	188	EA	\$880 00	\$165,440 00
<b>Construction Costs</b>					\$165,440 00
<b>Soft Costs</b>					
Engineering Design, Construction					
Admin, Geotechnical & Testing					\$34,750 00
Legal					\$3,308 80
Fiscal					\$10,582 42
Interest					\$15,286 81
<b>Total Soft Costs</b>					\$63,928 03
<b>Total Costs</b>					\$229,368 03

**DECORATIVE STREET LIGHTS - GO**


Assumptions/Comments

↩ Final

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	DECORATIVE STREET LIGHTS	35	EA	2,050 00	\$71,750 00
<b>Construction Costs</b>					\$71,750 00
<b>Soft Costs</b>					
Engineering Design, Construction					
Admin, Geotechnical & Testing					\$12,200 00
Legal					\$1,435 00
Fiscal					\$4,326 03
Interest					\$3,835 98
<b>Total Soft Costs</b>					\$21,797 01
<b>Total Costs</b>					\$93,547 01

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**CIVIL DEFENSE SIREN**

**Assumptions/Comments**  


	<b>Bid Item Description</b>	<b>Approximate Quantity</b>	<b>Unit</b>	<b>Unit Price</b>
1	50% SID 290 COST	1	LS	\$22,723.35

**Estimated Construction Costs:**

**Estimated Soft Costs**

**Engineering Design, Construction**

2.00% **Admin, Geotechnical & Testing**

2.00% **Legal.**

5.00% **Fiscal:**

7.00% **Interest:**

6 **Duration (Months)**

**Total Estimated Soft Costs: 13%**

**Total Estimated Costs:**

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**Total**

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\$22,723 35

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\$22,723 35

\$454 47  
\$454 47  
\$1,181 61  
\$868 49

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\$2,959 03

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**\$25,682 38**

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# **S.I.D. Cost Estimate**

North Shore Phase 2

0112044.22-030

SID No.: 292

3/4/2015

Bb

## ORDER OF MAGNITUDE COST ESTIMATE

Proposed Improvement	Quantity	Unit	Construction Cost	Total Cost	General Obligation	Special	Adjacent SID Reimbursable	Sarpy County Reimbursable
<b>SANITARY SEWER</b>								
Interior	8650	LF	\$294,200 00	\$416,500 00	\$0 00	\$416,500 00	\$0 00	\$0 00
<b>STORM SEWER</b>								
	1775	LF	\$99,200 00	\$140,400 00	\$140,400 00	\$0 00	\$0 00	\$0 00
<b>PAVING</b>								
Minor	19115	SY	\$691,700 00	\$963,200 00	\$305,000 00	\$658,200 00	\$0 00	\$0 00
Cornhusker Road	8980	SY	\$718,700 00	\$1,042,300 00	\$577,500 00	\$0 00	\$182,800 00	\$282,000 00
<b>SIDEWALKS</b>								
	0	SF	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00
<b>WATER</b>								
Interior	6733	LF	\$397,200 00	\$553,000 00	\$97,600 00	\$455,400 00	\$0 00	\$0 00
Capital Facilities	112	Lots	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00
<b>POWER</b>								
	112	Lots	\$95,200 00	\$130,500 00	\$0 00	\$130,500 00	\$0 00	\$0 00
<b>SIGNAGE</b>								
	43	EA	\$9,573 75	\$13,100 00	\$13,100 00	\$0 00	\$0 00	\$0 00
<b>PLAN REVIEW FEE</b>								
	1	%	\$22,000 00	\$24 700 00	\$24,700 00	\$0 00	\$0 00	\$0 00
<b>Total</b>			<b>\$2,327,773 75</b>	<b>\$3,283 700 00</b>	<b>\$1,158 300 00</b>	<b>\$1,660 600 00</b>	<b>\$182 800 00</b>	<b>\$282 000 00</b>
Residential Valuator	112	Lots	\$35,840,000 00	Debt Ratio (95% Valuation)		<b>3.40%</b>		
Total Valuation			\$35 840,000 00					
95% Valuation			\$34 048,000 00					

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## DEBT RATIO

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### ASSUMPTIONS

Average market Value Per Residential Home  
(Includes Land Value) =

Average market value per residential lot (improvement only)  
(Includes Land Value) =

### ASSESSABLE VALUATION

Residential Lot	<input type="text" value="112"/>	Units =	\$50,000 00 =	\$5,600,000 00	
Residential Improvement	<input type="text" value="112"/>	Units =	\$270,000 00 =	\$30,240,000 00	
				Total 100% Valuation =	\$35,840,000 00
				Total 95% Valuation =	\$34,048,000 00
				DEBT RATIO =	<input type="text" value="3 40%"/>



Bd

**SANITARY SEWER - INTERIOR**

**Assumptions/Comments**



Updated with bid quantity & unit prices 12/22/14

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	CLEARING AND GRUBBING GENERAL	1	LS	\$897 00	\$897 00
2	REMOVE 8" PIPE PLUG	1	EA	\$79 00	\$79 00
3	CONSTRUCT 6" SANITARY SEWER PIPE	3,250	LF	\$14 50	\$47,125 00
4	CONSTRUCT 8" SANITARY SEWER PIPE	5,400	LF	\$14 80	\$79,920 00
5	CONSTRUCT 54" I D SANITARY MANHOLE (23 EACH)	330	VF	\$267 00	\$88,110 00
6	CONSTRUCT 8" X 6" WYE	91	EA	\$68 00	\$6,188 00
7	CONSTRUCT 8" MANHOLE STUBOUT	19	EA	\$61 00	\$1,159 00
8	CONSTRUCT 6" PIPE BEDDING	3,228	LF	\$4 00	\$12,912 00
9	CONSTRUCT 8" PIPE BEDDING	5,390	LF	\$4 10	\$22,099 00
10	CONNECT 8" SANITARY SEWER PIPE TO EXISTING SANITARY SEWER PIPE STABILIZATION TRENCH W/ CRUSHED LIMESTONE	1	EA	\$289 00	\$289 00
11	LIMESTONE	100	TN	\$25 00	\$2,500 00
12	SEEDING - TYPE "TEMPORARY SEED MIX"	1	AC	\$549 00	\$549 00
13	HAY OR STRAW MULCH	1	AC	\$601 00	\$601 00
14	CONSTRUCT SILT FENCE	200	LF	\$2 50	\$500 00
15	CLEANOUT SILT FENCE	200	LF	\$1 20	\$240 00
16	CLEANOUT SILT BASIN	500	CY	\$3 00	\$1,500 00
17	CONSTRUCT ROCK ACCESS ROAD	150	TN	\$18 50	\$2,775 00
	CONTINGENCY	10%		\$267,443 00	\$26,744 30

**Actual Construction Costs** \$294 187 30

**Estimated Soft Costs**

Engineering, Construction	
21 00% Administration and Testing	\$61,779 33
5 00% Legal	\$14,709 37
5 00% Fiscal	\$18,533 80
7 00% Interest	\$27,244 69
12 Duration (Months)	

**Total Estimated Soft Costs** 42% \$122 267 18

**Total Estimated Costs** \$416 454 48

**STORM SEWER**

**Assumptions/Comments**



Updated with bid quantity & unit prices 12/22/14

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
	REMOVE EXISTING 72" TYPE II AREA INLET AND CONVERT TO 72" I D				
1	FLATTOP MANHOLE	1	LS	\$2,337 00	\$2 337 00
2	GENERAL GRADING AND SHAPING	1	LS	\$697 00	\$697 00
3	CONSTRUCT 18" R C P , CLASS III	825	LF	\$25 80	\$21,285 00
4	CONSTRUCT 24" R C P , CLASS III	650	LF	\$35 70	\$23,205 00
5	CONSTRUCT 30" R C P , CLASS III	200	LF	\$49 30	\$9,860 00
6	CONSTRUCT 36" R C P , D(0 01) = 1,350	100	LF	\$64 85	\$6,485 00
7	CONSTRUCT 54" I D MANHOLE	25	VF	\$376 00	\$9,400 00
8	CONSTRUCT 66" I D MANHOLE	10	VF	\$517 00	\$5,170 00
9	CONSTRUCT 18" PIPE BEDDING	825	LF	\$3 80	\$3,135 00
10	CONSTRUCT 24" PIPE BEDDING	650	LF	\$4 00	\$2,600 00
11	CONSTRUCT 30" PIPE BEDDING	200	LF	\$5 00	\$1,000 00
12	CONSTRUCT 36" PIPE BEDDING	100	LF	\$5 60	\$560 00
13	CONSTRUCT 36" R C FLARED END SECTION W/BAR GRATE	1	EA	\$2,258 00	\$2,258 00
14	STABILIZE TRENCH W/ CRUSHED LIMESTONE	50	TN	\$20 00	\$1,000 00
15	CONSTRUCT ROCK RIP-RAP - TYPE "C"	15	TN	\$44 00	\$660 00
16	ROLLED EROSION CONTROL MATTING - TYPE II	200	SY	\$2 50	\$500 00
	CONTINGENCY	10%		\$90 152 00	\$9,015 20

**Actual Construction Costs**

\$99,167 20

**Estimated Soft Costs**

**Engineering, Construction**

21 00%	Administration and Testing	\$20,825 11
5 00%	Legal	\$4,958 36
5 00%	Fiscal	\$6 247 53
7 00%	Interest	\$9 183 87
12 Duration (Months)		

**Total Estimated Soft Costs**

42% \$41 214 88

**Total Estimated Costs**

\$140,382 08

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**STORM SEWER G.O**

**Assumptions/Comments**



Updated with bid quantity & unit prices 12/22/14

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
	REMOVE EXISTING 72" TYPE II AREA INLET AND CONVERT TO 72" I D				
1	FLATTOP MANHOLE	1	LS	\$2,337 00	\$2,337 00
2	GENERAL GRADING AND SHAPING	1	LS	\$697 00	\$697 00
3	CONSTRUCT 18" R C P , CLASS III	825	LF	\$25 80	\$21,285 00
4	CONSTRUCT 24" R C P , CLASS III	650	LF	\$35 70	\$23,205 00
5	CONSTRUCT 30" R C P , CLASS III	200	LF	\$49 30	\$9,860 00
6	CONSTRUCT 36" R C P , D(0 01) = 1,350	100	LF	\$64 85	\$6 485 00
7	CONSTRUCT 54" I D MANHOLE	25	VF	\$376 00	\$9,400 00
8	CONSTRUCT 66" I D MANHOLE	10	VF	\$517 00	\$5,170 00
9	CONSTRUCT 18" PIPE BEDDING	825	LF	\$3 80	\$3,135 00
10	CONSTRUCT 24" PIPE BEDDING	650	LF	\$4 00	\$2,600 00
11	CONSTRUCT 30" PIPE BEDDING	200	LF	\$5 00	\$1,000 00
12	CONSTRUCT 36" PIPE BEDDING	100	LF	\$5 60	\$560 00
13	CONSTRUCT 36" R C FLARED END SECTION W/BAR GRATE	1	EA	\$2 258 00	\$2,258 00
14	STABILIZE TRENCH W/ CRUSHED LIMESTONE	50	TN	\$20 00	\$1,000 00
15	CONSTRUCT ROCK RIP-RAP - TYPE "C"	15	TN	\$44 00	\$660 00
16	ROLLED EROSION CONTROL MATTING - TYPE II	200	SY	\$2 50	\$500 00
	CONTINGENCY	10%		\$90,152 00	\$9,015 20

**Actual Construction Costs**

\$99 167 20

**Estimated Soft Costs**

**Engineering, Construction**

21 00%	Administration and Testing	\$20,825 11
5 00%	Legal	\$4,958 36
5 00%	Fiscal	\$6 247 53
7 00%	Interest	\$9,183 87

12 Duration (Months)

**Total Estimated Soft Costs**

42% \$41 214 88

**Total Estimated Costs**

\$140,382 08

Bg

**PAVING MINOR**

Assumptions/Comments

Updated with bid quantities and estimated unit prices 12/22/14 Updated with bid prices 1/29/15

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 REMOVE END OF ROAD BARRICADE	4	EA	\$0 27	\$1 08
2 7" CONCRETE PAVEMENT - TYPE L65	19,115	SY	\$27 31	\$522,030 65
3 COMMON EARTH EXCAVATION	6 372	EA	\$2 01	\$12 807 72
4 CONSTRUCT 5" CONCRETE SIDEWALK	685	SF	\$1 80	\$1 233 00
5 SUBGRADE PREPARATION	115	SY	\$3 90	\$448 50
6 ADJUST MANHOLE TO GRADE	31	EA	\$162 50	\$5 037 50
7 CONSTRUCT EXTERNAL FRAME SEAL	31	EA	\$370 50	\$11 485 50
8 CONSTRUCT CURB INLET	16	EA	\$2 464 66	\$39 434 56
9 BARRICADES - TYPE II	1,500	BD	\$0 38	\$570 00
10 BARRICADES - TYPE III	300	BD	\$1 64	\$492 00
11 SEEDING - TYPE "TEMPORARY SEED MIX"	4	AC	\$261 60	\$1,046 40
12 STRAW MULCH	4	AC	\$534 10	\$2 136 40
13 CONSTRUCT SILT FENCE	500	LF	\$2 23	\$1 115 00
14 CLEANOUT SILT FENCE	500	LF	\$3 05	\$1 525 00
15 CLEANOUT SILT BASIN	500	CY	\$10 90	\$5 450 00
16 JET EXISTING SEWER	5 390	LF	\$1 11	\$5 982 90
17 CONSTRUCT MEDIAN SURFACING	2 569	SF	\$7 02	\$18 034 38
CONTINGENCY	10%		\$628 830 59	\$62 883 06
<b>Estimated Construction Costs</b>				<b>\$691 713 65</b>
<b>Estimated Soft Costs</b>				
<b>Engineering, Construction</b>				
21 00%	Administration and Testing			\$145 259 87
5 00%	Legal			\$34 585 68
5 00%	Fiscal			\$43,577 96
7 00%	Interest			\$48 044 70
9	Duration (Months)			
<b>Total Estimated Soft Costs</b>				<b>39% \$271 468 21</b>
<b>Total Estimated Costs</b>				<b>\$963 181 86</b>

**PAVING IN EXCESS OF 6" THICK**

Assumptions/Comments

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 1" CONCRETE PAVEMENT	2 512	SY	\$27 31	\$68 606 62
CONTINGENCY	0%		\$68 606 62	\$0 00
<b>Estimated Construction Costs</b>				<b>\$68 606 62</b>
<b>Estimated Soft Costs</b>				
<b>Engineering Design and</b>				
21 00%	Construction Administration			\$14,407 39
5 00%	Legal			\$3,430 33
5 00%	Fiscal			\$4 322 22
7 00%	Interest			\$4,765 24
9	Duration (Months)			
<b>Total Estimated Soft Costs</b>				<b>39% \$26 925 18</b>
<b>Total Estimated Costs</b>				<b>\$95,531 80</b>

FORMULA	PAVEMENT MINOR QUANTITY	19,115
	- G O PAVEMENT MINOR QUANTITY	1 530
		17,585
	Pavement SY X (1/7") = 1" Pavement SY	2,512

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**PAVING MINOR G O**



**Assumptions/Comments**

Updated with bid quantities and estimated unit prices 12/22/14

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	REMOVE END OF ROAD BARRICADE	4	EA	\$0 27	\$1 08
2	7" CONCRETE PAVEMENT - TYPE L&S	1 530	SY	\$27 31	\$41 784 30
3	COMMON EARTH EXCAVATION	510	EA	\$2 01	\$1 025 10
4	CONSTRUCT 5" CONCRETE SIDEWALK	685	SF	\$1 80	\$1,233 00
5	SUBGRADE PREPARATION	115	SY	\$3 90	\$448 50
6	ADJUST MANHOLE TO GRADE	31	EA	\$162 50	\$5 037 50
7	CONSTRUCT EXTERNAL FRAME SEAL	31	EA	\$370 50	\$11 485 50
8	CONSTRUCT CURB INLET	16	EA	\$2 464 66	\$39,434 56
9	BARRICADES - TYPE II	1 500	BD	\$0 38	\$570 00
10	BARRICADES - TYPE III	300	BD	\$1 64	\$492 00
11	SEEDING - TYPE "TEMPORARY SEED MIX"	4	AC	\$261 60	\$1 046 40
12	STRAW MULCH	4	AC	\$534 10	\$2 136 40
13	CONSTRUCT SILT FENCE	500	LF	\$2 23	\$1 115 00
14	CLEANOUT SILT FENCE	500	LF	\$3 05	\$1 525 00
15	CLEANOUT SILT BASIN	500	CY	\$10 90	\$5,450 00
16	JET EXISTING SEWER	5 390	LF	\$1 11	\$5 982 90
17	CONSTRUCT MEDIAN SURFACING	2 569	SF	\$7 02	\$18,034 38
	CONTINGENCY	10%		\$136 801 62	\$13 680 16

**Estimated Construction Costs** \$150 481 78

**Estimated Soft Costs**

Engineering, Construction	
21 00% Administration and Testing	\$31 601 17
5 00% Legal	\$7 524 09
5 00% Fiscal	\$9 480 35
7 00% Interest	\$10 452 09
9 Duration (Months)	

**Total Estimated Soft Costs** 39% \$59 057 70

**Total Estimated Costs** \$209 539 49

**PAVING IN EXCESS OF 6" THICK G O**



**Assumptions/Comments**

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	1" CONCRETE PAVEMENT	2 512	SY	\$27 31	\$68 606 62
	CONTINGENCY	0%		\$68 606 62	\$0 00

**Estimated Construction Costs** \$68 606 62

**Estimated Soft Costs**

21 00% Engineering Design and	\$14 407 39
5 00% Legal	\$3 430 33
5 00% Fiscal	\$4 322 22
7 00% Interest	\$4 765 24
9 Duration (Months)	

**Total Estimated Soft Costs** 39% \$26 925 18

**Total Estimated Costs** \$95 531 80

FORMULA	PAVEMENT MINOR QUANTITY	19 115
	- G O PAVEMENT MINOR QUANTITY	1 530
		17 585
	Pavement SY X (1/7") = 1" Pavement SY	2 512

**PAVING MAJOR CORNHUSKER ROAD**

Cornhusker Road Paving and Storm Sewer

Assumptions/Comments



West 1/4-mile of project has already been graded flat in the ROW  
Updated unit prices from bid 1/29/15

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 CLEARING AND GRUBBING GENERAL	1	LS	2,725 00	\$2,725 00
2 CLEARING AND GRUBBING TREES OVER 9" TO 18" DIAMETER	6	EA	436 00	\$2,616 00
3 CLEARING AND GRUBBING TREES OVER 18" TO 27" DIAMETER	4	EA	763 00	\$3,052 00
4 CLEARING AND GRUBBING TREES OVER 27" TO 36" DIAMETER	2	EA	1,090 00	\$2,180 00
5 REMOVE FENCE	942	LF	1 09	\$1,026 78
6 REMOVE AND REPLACE MAILBOX	2	EA	272 50	\$545 00
7 REMOVE AND REPLACE STOP SIGN	2	EA	196 20	\$392 40
8 REMOVE AND RELOCATE SIGN	1	EA	218 00	\$218 00
9 REMOVE CULVERT PIPE OVER 18" TO 24"	88	LF	11 15	\$981 20
10 REMOVE FLARED END SECTION (24" TO 36")	1	EA	163 50	\$163 50
11 REMOVE PAVEMENT	56	SY	9 73	\$544 88
12 REMOVE SIDEWALK	10	SF	4 58	\$45 80
13 SAW CUT - FULL DEPTH	21	LF	11 70	\$245 70
14 REMOVE END OF STREET BARRICADE	1	EA	218 00	\$218 00
15 REMOVE CONCRETE HEADER	75	LF	5 20	\$390 00
16 EARTHWORK (EXCAVATION)	11,420	CY	6 13	\$70,004 60
17 EARTHWORK (UNSUITABLE EXCAVATION)	1 000	CY	9 81	\$9,810 00
18 EXPLORATORY EXCAVATION	20	HR	163 50	\$3 270 00
19 9" CONCRETE PAVEMENT - TYPE L65	977	SY	39 43	\$38,523 11
20 7" CONCRETE PAVEMENT - TYPE L65	7,983	SY	28 44	\$227 036 52
21 7" CONCRETE DRIVEWAY - TYPE L65	117	SY	29 49	\$3,450 33
22 CONSTRUCT 5" CONCRETE SIDEWALK	13,173	SF	3 38	\$44,524 74
23 CONSTRUCT CONCRETE CURB RAMP	353	SF	22 09	\$7,797 77
24 MEDIAN SURFACING	8	SF	29 92	\$239 36
25 CONSTRUCT MEDIAN NOSE	1	EA	1,040 00	\$1,040 00
26 CRUSHED ROCK FOR SURFACING	872	TON	27 38	\$23,875 36
27 CONCRETE HEADER	186	LF	10 40	\$1,934 40
28 CONSTRUCT END OF STREET BARRICADE	3	EA	893 80	\$2,681 40
29 CONSTRUCT THICKENED EDGE PAVEMENT	301	LF	10 40	\$3,130 40
30 CONSTRUCT 4-STRAND BARBED WIRE FENCE	201	LF	11 99	\$2 409 99
31 CONSTRUCT 3' WOVEN WIRE FENCE	731	LF	6 54	\$4,780 74
32 PCC-LINED FLUME	15	LF	130 00	\$1 950 00
33 CONSTRUCT 18" R C P , CLASS III	1 018	LF	33 25	\$33,848 50
34 CONSTRUCT 24" R C P , CLASS III	48	LF	47 07	\$2,259 36
35 CONSTRUCT 48" R C P , D(0 01) = 1.350	45	LF	153 69	\$6,916 05
36 CONSTRUCT CURB INLET - TYPE I	5	EA	2 515 16	\$12,575 80
37 CONSTRUCT CURB INLET - TYPE III	4	EA	2,786 45	\$11,145 80
38 CONSTRUCT 48" R C FLARED END SECTION W/BAR GRATE	1	EA	4,111 48	\$4,111 48
39 CONSTRUCT 54" I D FLATTOP MANHOLE OVER 24" PIPE	7	VF	453 44	\$3,174 08
40 CONSTRUCT 72" I D FLATTOP MANHOLE OVER 36" PIPE	19	VF	644 19	\$12,239 61
41 CONSTRUCT 48" R C FLARED END SECTION W/BAR GRATE	1	EA	4,109 30	\$4,109 30
42 ADJUST MANHOLE TO GRADE	5	EA	162 50	\$812 50
43 EXTERNAL FRAME SEAL	4	EA	370 50	\$1,482 00
44 CONSTRUCT 18" PIPE BEDDING	1,018	LF	4 47	\$4,550 46
45 CONSTRUCT 24" PIPE BEDDING	48	LF	5 45	\$261 60
46 CONSTRUCT 48" PIPE BEDDING	45	LF	8 72	\$392 40
47 STABILIZE TRENCH WITH CRUSHED LIMESTONE	100	TN	19 89	\$1,989 00
48 CONSTRUCT ROCK RIP-RAP - TYPE "A"	74	TON	53 41	\$3,952 34
49 SEEDING - TYPE "B"	4 0	AC	1,297 10	\$5,188 40
50 CONSTRUCT SILT FENCE	265	LF	2 23	\$590 95
51 ROLLED EROSION CONTROL, TYPE II	16,000	SY	1 31	\$20,960 00
52 EROSION CHECKS, WATTLE	360	LF	2 51	\$903 60
53 PERMANENT ROLLED EROSION CONTROL	750	SY	4 80	\$3,600 00
54 5" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID	93	LF	3 54	\$329 22
55 5" PREFORMED PAVEMENT MARKING TAPE, GROOVED - YELLOW SOLID	5,392	LF	3 41	\$18,386 72
56 12" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID	31	LF	16 35	\$506 85
57 24" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID	72	LF	21 26	\$1,530 72
58 12" PAINTED PAVEMENT MARKING - WHITE SOLID	25	LF	7 63	\$190 75
59 24" PAINTED PAVEMENT MARKING - WHITE SOLID	80	LF	7 09	\$567 20
60 PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL, GROOVED - WHITE DIRECTIONAL ARROW	1	EA	256 15	\$256 15
61 PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL, GROOVED - WHITE "ONLY"	1	EA	272 50	\$272 50
62 PAINT MEDIAN NOSE	1	EA	54 50	\$54 50
63 INSTALL STOP SIGN	4	EA	223 45	\$893 80

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64	BARRICADE - TYPE II	600	B DAY	0 65	\$390 00
65	BARRICADE - TYPE III	900	B DAY	3 00	\$2,700 00
66	WARNING SIGNS	600	S DAY	1 09	\$654 00
67	CONSTRUCT AND REMOVE TEMPORARY ROCK ACCESS ROAD	2 000	SY	7 36	\$14 720 00
	EASEMENT ACQUISITION	1	LS	15,000 00	\$15,000 00
	CONTINGENCY	10%		\$653,318 62	\$65,331 86

**Estimated Construction Costs** \$718,650 48

**Estimated Soft Costs**

**Engineering, Construction**

25 00%	Administration and Testing	\$179,662 62
5 00%	Legal	\$35 932 52
6 00%	Fiscal	\$56,054 74
7 00%	Interest	\$51 990 77

9 Duration (Months)

**Total Estimated Soft Costs** 45% \$323,640 65

**Total Estimated Costs** \$1,042,291 13

**Estimated 1/3 Sarpy County Contribution**

1/3 Estimated Construction Costs (less sidewalks)	\$222,109 32
1/3 Estimated Design & CA	\$59,887 54

**Total Estimated Sarpy County Reimbursable** \$281,996 86

**Estimated 1/3 Contribution North Shore SID General Obligation** \$380,147 13

**Estimated 1/3 Future Contribution SID North of Cornhusker**

North Shore Phase 3 Contribution	52%	\$197,384 09
Future SID Contribution	48%	\$182,763 05

BK

**PAVING MAJOR - GO**

Comhusker Road Paving and Storm Sewer

**Assumptions/Comments**



West 1/4-mile of project has already been graded flat in the ROW  
 Estimate revised 4/23/2014 with some storm sewer changes  
 Estimate revised 6/6/2014 based on Sarpy and Papillion comments

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	CLEARING AND GRUBBING GENERAL	1	LS	\$2,725 00	\$2,725 00
2	CLEARING AND GRUBBING TREES OVER 9" TO 18" DIAMETER	6	EA	\$436 00	\$2,616 00
3	CLEARING AND GRUBBING TREES OVER 18" TO 27" DIAMETER	4	EA	\$763 00	\$3,052 00
4	CLEARING AND GRUBBING TREES OVER 27" TO 36" DIAMETER	2	EA	\$1,090 00	\$2,180 00
5	REMOVE FENCE	942	LF	\$1 09	\$1,026 78
6	REMOVE AND REPLACE MAILBOX	2	EA	\$272 50	\$545 00
7	REMOVE AND REPLACE STOP SIGN	2	EA	\$196 20	\$392 40
8	REMOVE AND RELOCATE SIGN	1	EA	\$218 00	\$218 00
9	REMOVE CULVERT PIPE OVER 18" TO 24"	88	LF	\$11 15	\$981 20
10	REMOVE FLARED END SECTION (24" TO 36")	1	EA	\$163 50	\$163 50
11	REMOVE PAVEMENT	56	SY	\$9 73	\$544 88
12	REMOVE SIDEWALK	10	SF	\$4 58	\$45 80
13	SAW CUT - FULL DEPTH	21	LF	\$11 70	\$245 70
14	REMOVE END OF STREET BARRICADE	1	EA	\$218 00	\$218 00
15	REMOVE CONCRETE HEADER	75	LF	\$5 20	\$390 00
16	EARTHWORK (EXCAVATION)	11,420	CY	\$6 13	\$70,004 60
17	EARTHWORK (UNSUITABLE EXCAVATION)	1,000	CY	\$9 81	\$9 810 00
18	EXPLORATORY EXCAVATION	20	HR	\$163 50	\$3,270 00
19	9" CONCRETE PAVEMENT - TYPE L65	977	SY	\$39 43	\$38 523 11
20	7" CONCRETE PAVEMENT - TYPE L65	7,983	SY	\$28 44	\$227 036 52
21	7" CONCRETE DRIVEWAY - TYPE L65	117	SY	\$29 49	\$3,450 33
22	CONSTRUCT 5" CONCRETE SIDEWALK	13,173	SF	\$3 38	\$44,524 74
23	CONSTRUCT CONCRETE CURB RAMP	353	SF	\$22 09	\$7,797 77
24	MEDIAN SURFACING	8	SF	\$239 92	\$2,399 36
25	CONSTRUCT MEDIAN NOSE	1	EA	\$1,040 00	\$1,040 00
26	CRUSHED ROCK FOR SURFACING	872	TON	\$27 38	\$23,875 36
27	CONCRETE HEADER	186	LF	\$10 40	\$1,934 40
28	CONSTRUCT END OF STREET BARRICADE	3	EA	\$893 80	\$2,681 40
29	CONSTRUCT THICKENED EDGE PAVEMENT	301	LF	\$10 40	\$3,130 40
30	CONSTRUCT 4-STRAND BARBED WIRE FENCE	201	LF	\$11 99	\$2 409 99
31	CONSTRUCT 3' WOVEN WIRE FENCE	731	LF	\$6 54	\$4,780 74
32	PCC-LINED FLUME	15	LF	\$130 00	\$1,950 00
33	CONSTRUCT 18" R C P , CLASS III	1,018	LF	\$33 25	\$33,848 50
34	CONSTRUCT 24" R C P CLASS III	48	LF	\$47 07	\$2,259 36
35	CONSTRUCT 48" R C P , D(0 01) = 1 350	45	LF	\$153 69	\$6,916 05
36	CONSTRUCT CURB INLET - TYPE I	5	EA	\$2,515 16	\$12,575 80
37	CONSTRUCT CURB INLET - TYPE III	4	EA	\$2,786 45	\$11,145 80
38	CONSTRUCT 48" R C FLARED END SECTION W/BAR GRATE	1	EA	\$4,111 48	\$4,111 48
39	CONSTRUCT 54" I D FLATTOP MANHOLE OVER 24" PIPE	7	VF	\$453 44	\$3,174 08
40	CONSTRUCT 72" I D FLATTOP MANHOLE OVER 36" PIPE	19	VF	\$644 19	\$12,239 61
41	CONSTRUCT 48" R C FLARED END SECTION W/BAR GRATE	1	EA	\$4 109 30	\$4 109 30
42	ADJUST MANHOLE TO GRADE	5	EA	\$162 50	\$812 50
43	EXTERNAL FRAME SEAL	4	EA	\$370 50	\$1 482 00
44	CONSTRUCT 18" PIPE BEDDING	1 018	LF	\$4 47	\$4,550 46
45	CONSTRUCT 24" PIPE BEDDING	48	LF	\$5 45	\$261 60
46	CONSTRUCT 48" PIPE BEDDING	45	LF	\$8 72	\$392 40
47	STABILIZE TRENCH WITH CRUSHED LIMESTONE	100	TN	\$19 89	\$1,989 00
48	CONSTRUCT ROCK RIP-RAP - TYPE "A"	74	TON	\$53 41	\$3,952 34
49	SEEDING - TYPE "B"	4	AC	\$1,297 10	\$5 188 40
50	CONSTRUCT SILT FENCE	265	LF	\$2 23	\$590 95
51	ROLLED EROSION CONTROL, TYPE II	16,000	SY	\$1 31	\$20,960 00
52	EROSION CHECKS, WATTLE	360	LF	\$2 51	\$903 60
53	PERMANENT ROLLED EROSION CONTROL	750	SY	\$4 80	\$3,600 00
54	5" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID	93	LF	\$3 54	\$329 22
55	5" PREFORMED PAVEMENT MARKING TAPE, GROOVED - YELLOW SOLID	5,392	LF	\$3 41	\$18,386 72
56	12" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID	31	LF	\$16 35	\$506 85
57	24" PREFORMED PAVEMENT MARKING TAPE GROOVED - WHITE SOLID	72	LF	\$21 26	\$1 530 72
58	12" PAINTED PAVEMENT MARKING - WHITE SOLID	25	LF	\$7 63	\$190 75
59	24" PAINTED PAVEMENT MARKING - WHITE SOLID	80	LF	\$7 09	\$567 20
60	PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL, GROOVED - WHITE DIRECTIONAL ARROW	1	EA	\$256 15	\$256 15
61	PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL GROOVED - WHITE "ONLY"	1	EA	\$272 50	\$272 50
62	PAINT MEDIAN NOSE	1	EA	\$54 50	\$54 50
63	INSTALL STOP SIGN	4	EA	\$223 45	\$893 80
64	BARRICADE - TYPE II	600	B DAY	\$0 65	\$390 00
65	BARRICADE - TYPE III	900	B DAY	\$3 00	\$2,700 00



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66	WARNING SIGNS	600	SDAY	\$1 09	\$654 00
67	CONSTRUCT AND REMOVE TEMPORARY ROCK ACCESS ROAD	2,000	SY	\$7 36	\$14,720 00
	EASEMENT ACQUISITION	1	LS	15 000 00	\$15,000 00
	CONTINGENCY	10%		\$653,318 62	\$65,331 86

**Estimated Construction Costs** \$718,650 48

**Estimated Soft Costs**

Engineering, Construction	
25 00% Administration and Testing	\$179,662 62
5 00% Legal	\$35 932 52
6 00% Fiscal	\$56,054 74
7 00% Interest	\$51 990 77
9 Duration (Months)	

**Total Estimated Soft Costs** 45% \$323,640 65

**Total Estimated Costs** \$1 042,291 13

Estimated 1/3 Sarpy County Contribution	
1/3 Estimated Construction Costs (Less Sidewalk Costs)	\$222,109 32
1/3 Estimated Design & CA	\$59 887 54

**Total Estimated Sarpy County Reimbursable** \$281,996 86

**Estimated 1/3 Contribution North Shore SID General Obligation** \$380,147 13

Estimated 1/3 Future Contribution SID North of Cornhusker	
North Shore Phase 3 Contribution 52%	\$197,384 09
Future SID Contribution 48%	\$182,763 05

**SIDEWALKS**

**Assumptions/Comments**



Sidewalk adjacent to OUTLOT A - INCLUDED IN PAVING MINOR

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	4" CONCRETE SIDEWALK	0	SF	\$4 00	\$0 00
2	SUB-GRADE PREPARATION	0	SY	\$2 00	\$0 00
	CONTINGENCY	15%		\$0 00	\$0 00
<b>Estimated Construction Costs</b>					<b>\$0 00</b>
<b><u>Estimated Soft Costs</u></b>					
<b>Engineering, Construction</b>					
	21 00%	<b>Administration and Testing</b>			\$0 00
	5 00%	<b>Legal</b>			\$0 00
	5 00%	<b>Fiscal</b>			\$0 00
	7 00%	<b>Interest</b>			\$0 00
	12	<b>Duration (Months)</b>			
		<b>Total Estimated Soft Costs</b>		0%	\$0 00
		<b>Total Estimated Costs</b>			<b>\$0 00</b>

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**SIDEWALKS G.O.**

**Assumptions/Comments**



Sidewalk adjacent to OUTLOT A

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	4" CONCRETE SIDEWALK	0	SF	\$4 00	\$0 00
2	SUB-GRADE PREPARATION	0	SY	\$2 00	\$0 00
	CONTINGENCY	15%		\$0 00	\$0 00

**Estimated Construction Costs** \$0 00

**Estimated Soft Costs**

**Engineering, Construction**

21 00%	Administration and Testing	\$0 00
5 00%	Legal	\$0 00
5 00%	Fiscal	\$0 00
7 00%	Interest	\$0 00
12	Duration (Months)	

**Total Estimated Soft Costs** 0% \$0 00

**Total Estimated Costs** \$0 00

Bo

**WATER INTERIOR**

**Assumptions/Comments**



Updated with water advertising 2/25/15

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	REMOVE 12" PLUG		2 EA	\$500 00	\$1,000 00
	REMOVE END OF MAIN HYDRANT GATE VALVE AND TEE ASSEMBLY AND				
2	BACKING BLOCK		1 EA	\$1 000 00	\$1 000 00
3	CONSTRUCT 6" WATER MAIN	805 LF		\$21 00	\$16 905 00
4	CONSTRUCT 8" WATER MAIN	2,575 LF		\$26 00	\$66 950 00
5	CONSTRUCT 12" WATER MAIN	3,325 LF		\$40 00	\$133,000 00
6	CONSTRUCT HYDRANT GATE VALVE AND TEE ASSEMBLY	12 EA		\$3 800 00	\$45 600 00
	CONSTRUCT END OF MAIN HYDRANT GATE VALVE AND TEE ASSEMBLY				
7	AND BACKING BLOCK		2 EA	\$4,000 00	\$8 000 00
8	CONSTRUCT 6" M J GATE VALVE AND BOX		2 EA	\$900 00	\$1 800 00
9	CONSTRUCT 8" M J GATE VALVE AND BOX		12 EA	\$1,200 00	\$14 400 00
10	CONSTRUCT 12" M J GATE VALVE AND BOX		16 EA	\$1 900 00	\$30 400 00
11	CONSTRUCT 8"x8"x6" M J TEE ASSEMBLY AND BACKING BLOCK		1 EA	\$350 00	\$350 00
12	CONSTRUCT 8"x8"x8" M J TEE ASSEMBLY AND BACKING BLOCK		1 EA	\$375 00	\$375 00
13	CONSTRUCT 12"x12"x6" M J TEE ASSEMBLY AND BACKING BLOCK		1 EA	\$420 00	\$420 00
14	CONSTRUCT 12"x12"x8" M J TEE ASSEMBLY AND BACKING BLOCK		2 EA	\$450 00	\$900 00
15	CONSTRUCT 12"x12"x12" M J TEE ASSEMBLY AND BACKING BLOCK		2 EA	\$550 00	\$1 100 00
16	CONSTRUCT 12"x8" CROSS		1 EA	\$450 00	\$450 00
17	CONSTRUCT 12 x8' REDUCER		1 EA	\$200 00	\$200 00
18	CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK		2 EA	\$425 00	\$850 00
19	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK		1 EA	\$510 00	\$510 00
20	CONSTRUCT 8" x 22 5 DEGREE VERTICAL BEND WITH BACKING BLOCK		4 EA	\$300 00	\$1,200 00
21	CONSTRUCT 12" x 22 5 DEGREE VERTICAL BEND WITH BACKING BLOCK		4 EA	\$400 00	\$1 600 00
22	CONSTRUCT 6" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK		4 EA	\$300 00	\$1 200 00
23	CONSTRUCT 8" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK		2 EA	\$325 00	\$650 00
24	CONSTRUCT 12" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK		6 EA	\$600 00	\$3,600 00
25	CONSTRUCT CHLORINE TUBE		3 EA	\$1,700 00	\$5,100 00
26	CONSTRUCT SAMPLE TAP		9 EA	\$200 00	\$1,800 00
27	SEEDING - TYPE "TEMPORARY SEED MIX"		5 AC	\$650 00	\$3,250 00
28	STRAW MULCH		5 AC	\$550 00	\$2 750 00
	Contingency		15%	\$345 360 00	\$51 804 00

**Estimated Construction Costs** \$397 164 00

**Estimated Soft Costs**

Engineering, Construction	
21 00% Administration and Testing	\$83,404 44
5 00% Legal	\$19 858 20
5 00% Fiscal	\$25 021 33
7 00% Interest	\$27 586 02
9 Duration (Months)	

**Total Estimated Soft Costs** 39% \$155 869 99

**Total Estimated Costs** \$553 033 99

Bp

**CAPITAL FACILITIES CHARGES**

Assumptions/Comments



ALL CAPITAL FACILITY CHARGES COLLECTED IN PHASE 1 (112 LOTS & 0.59 AC IN PHASE 2)

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 CAPITAL FACILITIES CHARGES - RESIDENTIAL	0	LOTS	\$1,500.00	\$0.00
2 CAPITAL FACILITIES CHARGES - OUTLOTS	0.00	AC	\$4,200.00	\$0.00
<b>Estimated Construction Costs</b>				<b>\$0.00</b>
<b>Estimated Soft Costs</b>				
	2.00%	Legal		\$0.00
	5.00%	Fiscal		\$0.00
	7.00%	Interest		\$0.00
	9	Duration (Months)		
<b>Total Estimated Soft Costs</b>			0%	<b>\$0.00</b>
<b>Total Estimated Costs</b>				<b>\$0.00</b>

**WATER INTERIOR G O**

Assumptions/Comments



Bid Item Description	Approximate Quantity	Unit	Unit Price	G O		Quantity		8" Baseline	Total
				Quantity	Unit	Difference	Unit		
1 REMOVE 12" PLUG	2 EA		\$500 00	0 EA		2 EA		\$400 00	\$200 00
2 REMOVE END OF MAIN HYDRANT GATE VALVE AND TEE ASSEMBLY AND BACKING BLOCK	1 EA		\$1,000 00	0 EA		0 EA		\$1,000 00	\$0 00
3 CONSTRUCT 6" WATER MAIN	805 LF		\$21 00	0 LF		0 LF		\$21 00	\$0 00
4 CONSTRUCT 8" WATER MAIN	2,575 LF		\$26 00	0 LF		0 LF		\$26 00	\$0 00
5 CONSTRUCT 12" WATER MAIN	3,325 LF		\$40 00	0 LF		3 325 LF		\$26 00	\$46 550 00
6 CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	12 EA		\$3 800 00	0 EA		0 EA		\$3,800 00	\$0 00
7 CONSTRUCT END OF MAIN HYDRANT GATE VALVE AND TEE ASSEMBLY AND BACKING BLOCK	2 EA		\$4 000 00	0 EA		0 EA		\$4,000 00	\$0 00
8 CONSTRUCT 6" M J GATE VALVE AND BOX	2 EA		\$900 00	0 EA		0 EA		\$900 00	\$0 00
9 CONSTRUCT 8" M J GATE VALVE AND BOX	12 EA		\$1 200 00	0 EA		0 EA		\$1,200 00	\$0 00
10 CONSTRUCT 12" M J GATE VALVE AND BOX	16 EA		\$1,900 00	0 EA		16 EA		\$1,200 00	\$11,200 00
11 CONSTRUCT 8"x8"x6" M J TEE ASSEMBLY AND BACKING BLOCK	1 EA		\$350 00	0 EA		0 EA		\$350 00	\$0 00
12 CONSTRUCT 8" x8" x8" M J TEE ASSEMBLY AND BACKING BLOCK	1 EA		\$375 00	0 EA		0 EA		\$375 00	\$0 00
13 CONSTRUCT 12"x12"x6" M J TEE ASSEMBLY AND BACKING BLOCK	1 EA		\$420 00	0 EA		1 EA		\$375 00	\$45 00
14 CONSTRUCT 12"x12"x8" M J TEE ASSEMBLY AND BACKING BLOCK	2 EA		\$450 00	0 EA		2 EA		\$375 00	\$150 00
15 CONSTRUCT 12"x12"x12" M J TEE ASSEMBLY AND BACKING BLOCK	2 EA		\$550 00	0 EA		2 EA		\$375 00	\$350 00
16 CONSTRUCT 12"x8" CROSS	1 EA		\$450 00	0 EA		1 EA		\$400 00	\$50 00
17 CONSTRUCT 12"x8" REDUCER	1 EA		\$200 00	0 EA		1 EA		\$150 00	\$50 00
18 CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2 EA		\$425 00	0 EA		2 EA		\$325 00	\$200 00
19 CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	1 EA		\$510 00	0 EA		1 EA		\$325 00	\$185 00
20 CONSTRUCT 8" x 22 5 DEGREE VERTICAL BEND WITH BACKING BLOCK	4 EA		\$300 00	0 EA		0 EA		\$300 00	\$0 00
21 CONSTRUCT 12" x 22 5 DEGREE VERTICAL BEND WITH BACKING BLOCK	4 EA		\$400 00	0 EA		4 EA		\$325 00	\$300 00
22 CONSTRUCT 6" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	4 EA		\$300 00	0 EA		0 EA		\$300 00	\$0 00
23 CONSTRUCT 8" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	2 EA		\$325 00	0 EA		0 EA		\$325 00	\$0 00
24 CONSTRUCT 12" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	6 EA		\$600 00	0 EA		6 EA		\$325 00	\$1 650 00
25 CONSTRUCT CHLORINE TUBE	3 EA		\$1 700 00	0 EA		0 EA		\$1,700 00	\$0 00
26 CONSTRUCT SAMPLE TAP	9 EA		\$200 00	0 EA		0 EA		\$200 00	\$0 00
27 SEEDING - TYPE "TEMPORARY SEED MIX"	5 AC		\$650 00	0 AC		0 AC		\$650 00	\$0 00
28 STRAW MULCH	5 AC		\$550 00	0 AC		0 AC		\$550 00	\$0 00
15% Contingency	15%							\$60,930 00	\$9,139 50

**Estimated Construction Costs** \$70 069 50

Estimated Soft Costs

<b>Engineering, Construction</b>	
21 00% Administration and Testing	\$14,714 60
5 00% Legal	\$3 503 48
5 00% Fiscal	\$4 414 38
7 00% Interest	\$4 866 85
9 Duration (Months)	

**Total Estimated Soft Costs** \$27 499 30

**Total Estimated Costs** \$97 568 80

**CAPITAL FACILITIES CHARGES**

Assumptions/Comments



	<u>Bid Item Description</u>	<u>Approximate Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
1	CAPITAL FACILITIES CHARGES - RESIDENTIAL	0	LOTS	\$1,500 00	\$0 00
2	CAPITAL FACILITIES CHARGES - OUTLOTS	0	AC	\$4 200 00	\$0 00
<b>Estimated Construction Costs</b>					\$0 00
<b><u>Estimated Soft Costs</u></b>					
	2 00% Legal				\$0 00
	5 00% Fiscal				\$0 00
	7 00% Interest				\$0 00
	9 Duration (Months)				
<b>Total Estimated Soft Costs</b>					\$0 00
<b>Total Estimated Costs</b>					\$0 00

BS

**POWER**

Assumptions/Comments



	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	SINGLE FAMILY LOT	112	EA	\$850 00	\$95,200 00
<b>Estimated Construction Costs</b>					\$95,200 00
<b>Estimated Soft Costs</b>					
	Engineering Design and				
	19 00% Construction Administration				\$18 088 00
	5 00% Legal				\$4 760 00
	5 00% Fiscal				\$5,902 40
	7 00% Interest				\$6,507 40
	9 Duration (Months)				
	<b>Total Estimated Soft Costs</b>			37%	\$35,257 80
	<b>Total Estimated Costs</b>				\$130 457 80



Bt

**SIGNAGE**

Assumptions/Comments



	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	9	EA	\$250 00	\$2,250 00
2	"STOP" SIGN (24")	11	EA	\$200 00	\$2,200 00
3	SPEED LIMIT SIGN (18"X24")	9	EA	\$175 00	\$1,575 00
4	TRAFFIC CIRCLE AHEAD SIGN WITH PLACARD (24"X24")	1	EA	\$250 00	\$250 00
5	NO PARKING THIS SIDE OF STREET SIGN (12"X18")	9	EA	\$150 00	\$1,350 00
6	REFLECTIVE DELINEATORS	2	EA	\$100 00	\$200 00
7	PEDESTRIAN CROSSING SIGN (30"X30")	2	EA	\$250 00	\$500 00
	15% Contingency				\$1,248 75

**Estimated Construction Costs** \$9,573 75

Estimated Soft Costs

**Engineering, Construction**

19 00% **Administration and Testing** \$1,819 01

5 00% **Legal** \$478 69

5 00% **Fiscal** \$593 57

7 00% **Interest** \$654 41

9 Duration (Months)

**Total Estimated Soft Costs** 37% \$3 545 69

**Total Estimated Costs** \$13 119 44

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**SIGNAGE G O.**

Assumptions/Comments



Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	9	EA	\$250 00	\$2,250 00
2 "STOP" SIGN (24")	11	EA	\$200 00	\$2,200 00
3 SPEED LIMIT SIGN (18"X24")	9	EA	\$175 00	\$1,575 00
4 TRAFFIC CIRCLE AHEAD SIGN WITH PLACARD (24"X24")	1	EA	\$250 00	\$250 00
5 NO PARKING THIS SIDE OF STREET SIGN (12"X18")	9	EA	\$150 00	\$1,350 00
6 REFLECTIVE DELINEATORS	2	EA	\$100 00	\$200 00
7 PEDESTRIAN CROSSING SIGN (30"X30')	2	EA	\$250 00	\$500 00
15% Contingency				\$1,248 75

**Estimated Construction Costs**

**\$9,573 75**

**Estimated Soft Costs**

**Engineering, Construction**

19 00% **Administration and Testing** \$1,819 01

5 00% **Legal** \$478 69

5 00% **Fiscal** \$593 57

7 00% **Interest** \$654 41

9 Duration (Months)

**Total Estimated Soft Costs**

37% **\$3,545 69**

**Total Estimated Costs**

**\$13,119 44**

Bv

# S.I.D. Cost Estimate

North Shore 3 - Final Plat

0112044.03-003

SID 292

3/4/2015

BW

**North Shore, Sarpy County SID 292**  
**ORDER OF MAGNITUDE COST ESTIMATE**  
**Preliminary Plat - Phase 3**

Proposed Improvement	Quantity	Unit	Construction Cost	Total Cost	General Obligation	Special	Adjacent SID Reimbursable	Papillion Reimbursable	Sarpy County Reimbursable
<b>SANITARY SEWER</b>									
Intenor	3768	LF	\$286 500 00	\$405 600 00	\$29,000 00	\$376 600 00	\$0 00	\$0 00	\$0 00
Connection Fees	61	Lots	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00
<b>STORM SEWER</b>									
	2166	LF	\$154 500 00	\$218,700 00	\$218 700 00	\$0 00	\$0 00	\$0 00	\$0 00
<b>PAVING</b>									
Minor	10528	SY	\$408,000 00	\$568 100 00	\$171 900 00	\$396 200 00	\$0 00	\$0 00	\$0 00
<b>SIDEWALKS</b>									
	16374	SF	\$115,300 00	\$163,200 00	\$163 200 00	\$0 00	\$0 00	\$0 00	\$0 00
<b>PARKS</b>									
Landscaping	1	LS	\$20 000 00	\$28,300 00	\$28,300 00	\$0 00	\$0 00	\$0 00	\$0 00
Improvements	1	LS	\$25,000 00	\$35 300 00	\$35 300 00	\$0 00	\$0 00	\$0 00	\$0 00
Acquisition	2 93	AC	\$68 855 00	\$77 821 30	\$77,821 30	\$0 00			
<b>WATER</b>									
Intenor	3912	LF	\$205 300 00	\$285 800 00	\$11,000 00	\$274,800 00	\$0 00	\$0 00	\$0 00
Capital Facilities Charges	61	LOTS	\$142,500 00	\$160,600 00	\$80 300 00	\$80 300 00	\$0 00	\$0 00	\$0 00
City Infrastructure Contnb	0	LS	\$0 00	\$0 00	\$0 00	\$0 00			
<b>POWER</b>									
Service	61	LOTS	\$82,400 00	\$114 700 00	\$0 00	\$114 700 00	\$0 00	\$0 00	\$0 00
Decorative Street Lights	0	EA	\$0 00	\$0 00	\$0 00	\$0 00			
<b>SIGNAGE</b>									
	20	SIGNS	\$5 500 00	\$7 800 00	\$7,800 00	\$0 00	\$0 00	\$0 00	\$0 00
<b>CIVIL DEFENSE SIREN</b>									
	0	LS	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00	\$0 00
<b>PLAN REVIEW FEE</b>									
	1	%	\$12 200 00	\$13 700 00	\$4 500 00	\$9 200 00	\$0 00	\$0 00	\$0 00
<b>Total</b>			<b>\$1 526 055 00</b>	<b>\$2 079 621 30</b>	<b>\$827 821 30</b>	<b>\$1 251 800 00</b>	<b>\$0 00</b>	<b>\$0 00</b>	<b>\$0 00</b>
Residential Valuation	61	Lots	\$19 520,000 00	Debt Ratio (95% Valuation)		<b>4.48%</b>			
Total Valuation	100%		\$19 520 000 00						
Total Valuation	95%		\$18,544 000 00						

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## DEBT RATIO

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### ASSUMPTIONS

Average market Value Per Residential Lot  
(land value only) =

Average market Value Per Residential Lot (Improvements)  
(improvement value only) =

### ASSESSABLE VALUATION

Residential Lot	<input type="text" value="61"/>	Units =	\$50,000 00 =	\$3,050,000 00
Residential Improvements	<input type="text" value="61"/>	Units =	\$270,000 00 =	\$16,470,000 00
				Total 100% Valuation = \$19,520,000 00
				Total 95% Valuation = \$18,544,000 00
				DEBT RATIO = <input type="text" value="4.46%"/>

By

**SANITARY SEWER - INTERIOR**

Assumptions/Comments



	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1	CLEARING AND GRUBBING GENERAL	1	LS	\$1,000 00	\$1,000 00
2	CONSTRUCT 6" SANITARY SEWER PIPE	1,932	LF	\$16 00	\$30,912 00
3	CONSTRUCT 8" SANITARY SEWER PIPE	3,768	LF	\$17 00	\$64,056 00
4	CONSTRUCT 6" PIPE BEDDING	1,932	LF	\$3 00	\$5,796 00
5	CONSTRUCT 8" PIPE BEDDING	3,768	LF	\$3 50	\$13,188 00
6	CONSTRUCT 54" I D SANITARY MANHOLE (19 EA) TAP 8" SANITARY SEWER PIPE INTO EXISTING 54" I D	279	VF	\$300 00	\$83,700 00
7	SANITARY MANHOLE	3	EA	\$750 00	\$2,250 00
8	CONSTRUCT 6" x 8" WYE	44	EA	\$100 00	\$4,400 00
9	CONSTRUCT 6" MANHOLE STUBOUT	18	EA	\$75 00	\$1,350 00
10	CONSTRUCT MANHOLE RING COLLAR	3	EA	\$350 00	\$1,050 00
11	CONSTRUCT EXTERNAL FRAME SEAL	3	EA	\$400 00	\$1,200 00
12	EXCAVATION FOR EXTRA DEEP SANITARY SEWER	8,691	VF-LF	\$4 00	\$34,764 00
13	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	100	TN	\$25 00	\$2,500 00
14	CONSTRUCT SILT FENCE	200	LF	\$3 00	\$600 00
15	CLEANOUT SILT FENCE	200	LF	\$1 25	\$250 00
16	CLEANOUT SILT BASIN	200	CY	\$6 00	\$1,200 00
17	SEEDING - TYPE "TEMPORARY SEED MIX"	1	AC	\$500 00	\$500 00
18	HAY OR STRAW MULCH	1	AC	\$450 00	\$450 00
	CONTINGENCY	15%		\$249,166 00	\$37,374 90

**Estimated Construction Costs** \$286,540 90

**Estimated Soft Costs**

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$60,173 59
Legal	\$14,327 05
Fiscal	\$18,052 08
Interest	\$26,536 55
Duration (Months)	

**Total Estimated Soft Costs** \$119,089 26

**Total Estimated Costs:** \$405,630 16

B2

**SANITARY SEWER - INTERIOR G.O.**

**Assumptions/Comments**



Erosion control items are GO, 485 LF of outfall sewer and connecting to manholes are GO

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	CLEARING AND GRUBBING GENERAL	1	LS	\$1,000 00	\$1,000 00
2	CONSTRUCT 6" SANITARY SEWER PIPE	0	LF	\$16 00	\$0 00
3	CONSTRUCT 8" SANITARY SEWER PIPE	325	LF	\$17 00	\$5,525 00
4	CONSTRUCT 6" PIPE BEDDING	0	LF	\$3 00	\$0 00
5	CONSTRUCT 8" PIPE BEDDING	325	LF	\$3 50	\$1,137 50
6	CONSTRUCT 54" I D SANITARY MANHOLE (19 EA)	0	VF	\$300 00	\$0 00
	TAP 8" SANITARY SEWER PIPE INTO EXISTING 54" I D SANITARY				
7	MANHOLE	2	EA	\$750 00	\$1,500 00
8	CONSTRUCT 6" x 8" WYE	0	EA	\$100 00	\$0 00
9	CONSTRUCT 6" MANHOLE STUBOUT	0	EA	\$75 00	\$0 00
10	CONSTRUCT MANHOLE RING COLLAR	0	EA	\$350 00	\$0 00
11	CONSTRUCT EXTERNAL FRAME SEAL	0	EA	\$400 00	\$0 00
12	EXCAVATION FOR EXTRA DEEP SANITARY SEWER	2,042	VF-LF	\$4 00	\$8,168 00
13	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	0	TN	\$25 00	\$0 00
14	CONSTRUCT SILT FENCE	200	LF	\$3 00	\$600 00
15	CLEANOUT SILT FENCE	200	LF	\$1 25	\$250 00
16	CLEANOUT SILT BASIN	200	CY	\$6 00	\$1,200 00
17	SEEDING - TYPE "TEMPORARY SEED MIX"	1	AC	\$500 00	\$500 00
18	HAY OR STRAW MULCH	1	00 AC	\$450 00	\$450 00
	CONTINGENCY	15%		\$20,330 50	\$3,049 58

**Estimated Construction Costs** \$20,330 50

**Estimated Soft Costs**

<b>Engineering Design, Construction</b>	
Admin, Geotechnical & Testing	\$4,269 41
Legal	\$1,230 00
Fiscal	\$1,291 50
Interest	\$1,898 50
<b>Duration (Months)</b>	

**Total Estimated Soft Costs** \$8,689 39

**Total Estimated Costs** \$29,019 89

Ca

**STORM SEWER**

Assumptions/Comments



	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1	CLEARING AND GRUBBING GENERAL	1	LS	\$1,000 00	\$1,000 00
2	GENERAL GRADING AND SHAPING	1	LS	\$2,000 00	\$2,000 00
3	CONSTRUCT 18" R C P , CLASS III	1089	LF	\$25 00	\$27,225 00
4	CONSTRUCT 24" R C P , CLASS III	832	LF	\$32 00	\$26,624 00
5	CONSTRUCT 30" R C P , CLASS III	214	LF	\$45 00	\$9,630 00
7	CONSTRUCT 42" R C P , D(0 01) = 1,350	33	LF	\$75 00	\$2,475 00
9	CONSTRUCT 18" R C FLARED END SECTION	2	EA	\$650 00	\$1 300 00
12	CONSTRUCT 42" R C FLARED END SECTION	1	EA	\$1,500 00	\$1,500 00
13	CONSTRUCT 54" I D FLATTOP MANHOLE (8 EA)	45	VF	\$400 00	\$18 000 00
14	CONSTRUCT 18" PIPE BEDDING	1089	LF	\$3 00	\$3,267 00
15	CONSTRUCT 24" PIPE BEDDING	832	LF	\$4 00	\$3 328 00
16	CONSTRUCT 30" PIPE BEDDING	214	LF	\$5 00	\$1,070 00
18	CONSTRUCT 42" PIPE BEDDING	33	LF	\$10 00	\$330 00
20	CONSTRUCT 42" POND OUTLET STRUCTURE	2	EA	\$5,000 00	\$10,000 00
21	CONSTRUCT MANHOLE RING COLLAR	7	EA	\$250 00	\$1,750 00
22	CONSTRUCT RIP-RAP APRON - (NDOR TYPE "B")	100	TON	\$36 00	\$3 600 00
23	CONSTRUCT ROCK RIP-RAP - TYPE "C"	100	TON	\$38 00	\$3,800 00
24	STABILIZE TRENCH W/ CRUSHED LIMESTONE	100	TN	\$25 00	\$2,500 00
25	CONSTRUCT ROCK ACCESS ROAD	200	TN	\$22 00	\$4,400 00
26	CONSTRUCT SILT FENCE	200	LF	\$2 50	\$500 00
27	CLEANOUT SILT FENCE	200	LF	\$1 00	\$200 00
28	SEEDING - TYPE "TEMPORARY SEED MIX"	2	AC	\$450 00	\$900 00
29	HAY OR STRAW MULCH	2	AC	\$425 00	\$850 00
30	ROLLED EROSION CONTROL, TYPE II	1000	SY	\$2 50	\$2,500 00
	CONTIGENCY	20%		\$128,749 00	\$25,749 80

**Estimated Construction Costs** \$154,498 80

Estimated Soft Costs

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$32 444 75
Legal	\$7,724 94
Fiscal	\$9,733 42
Interest	\$14 308 13
Duration (Months)	

**Total Estimated Soft Costs** \$64,211 25

**Total Estimated Costs** **\$218 710 05**



Cb

**STORM SEWER G.O**

Assumptions/Comments



Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	CLEARING AND GRUBBING GENERAL	1	LS	\$1,000 00	\$1,000 00
2	GENERAL GRADING AND SHAPING	1	LS	\$2,000 00	\$2,000 00
3	CONSTRUCT 18" R C P , CLASS III	1089	LF	\$25 00	\$27,225 00
4	CONSTRUCT 24" R C P , CLASS III	832	LF	\$32 00	\$26,624 00
5	CONSTRUCT 30" R C P , CLASS III	214	LF	\$45 00	\$9,630 00
7	CONSTRUCT 42" R C P , D(0 01) = 1,350	33	LF	\$75 00	\$2,475 00
9	CONSTRUCT 18" R C FLARED END SECTION	2	EA	\$650 00	\$1,300 00
12	CONSTRUCT 42" R C FLARED END SECTION	1	EA	\$1,500 00	\$1,500 00
13	CONSTRUCT 54" I D FLATTOP MANHOLE (8 EA)	45	VF	\$400 00	\$18,000 00
14	CONSTRUCT 18" PIPE BEDDING	1089	LF	\$3 00	\$3,267 00
15	CONSTRUCT 24" PIPE BEDDING	832	LF	\$4 00	\$3,328 00
16	CONSTRUCT 30" PIPE BEDDING	214	LF	\$5 00	\$1,070 00
18	CONSTRUCT 42" PIPE BEDDING	33	LF	\$10 00	\$330 00
20	CONSTRUCT 42" POND OUTLET STRUCTURE	2	EA	\$3,500 00	\$10,000 00
21	CONSTRUCT MANHOLE RING COLLAR	7	EA	\$250 00	\$1,750 00
22	CONSTRUCT RIP-RAP APRON - (NDOR TYPE "B")	100	TON	\$36 00	\$3,600 00
23	CONSTRUCT ROCK RIP-RAP - TYPE "C"	100	TON	\$38 00	\$3,800 00
24	STABILIZE TRENCH W/ CRUSHED LIMESTONE	100	TN	\$25 00	\$2,500 00
25	CONSTRUCT ROCK ACCESS ROAD	200	TN	\$22 00	\$4,400 00
26	CONSTRUCT SILT FENCE	200	LF	\$2 50	\$500 00
27	CLEANOUT SILT FENCE	200	LF	\$1 00	\$200 00
28	SEEDING - TYPE "TEMPORARY SEED MIX"	2	AC	\$450 00	\$900 00
29	HAY OR STRAW MULCH	2	AC	\$425 00	\$850 00
30	ROLLED EROSION CONTROL, TYPE II	1000	SY	\$2 50	\$2,500 00
	CONTIGENCY	20%		\$128,749 00	\$25,749 80

**Estimated Construction Costs** \$154,498 80

**Estimated Soft Costs**

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$32,444 75
Legal	\$7,724 94
Fiscal	\$9,733 42
Interest	\$14,308 13
Duration (Months)	

**Total Estimated Soft Costs** \$64,211 25

**Total Estimated Costs** \$218,710 05

Cc

**PAVING MINOR**

Assumptions/Comments



	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1	7" CONCRETE PAVEMENT - TYPE L65	10,528	SY	\$28 00	\$294,784 00
2	COMMON EARTHWORK EXCAVATION	3,509	CY	\$3 50	\$12,282 67
3	MEDIAN SURFACING	103	SF	\$4 00	\$412 00
4	ADJUST MANHOLE TO GRADE	18	EA	\$200 00	\$3,600 00
5	EXTERNAL FRAME SEAL	18	EA	\$400 00	\$7,200 00
6	CONSTRUCT CURB INLET	10	EA	\$2,700 00	\$27,000 00
7	HAY OR STRAW MULCH	2	AC	\$250 00	\$500 00
8	CONSTRUCT SILT FENCE	200	LF	\$2 50	\$500 00
9	CLEANOUT SILT BASIN	500	CY	\$3 00	\$1,500 00
10	CLEANOUT SILT FENCE	200	LF	\$1 00	\$200 00
11	SEEDING - TYPE "TEMPORARY SEED MIX"	2	AC	\$1,500 00	\$3,000 00
12	JET EXISTING SEWER	3,768	LF	\$1 00	\$3,768 00
	CONTINGENCY	15%		\$354,746 67	\$53,212 00

**Estimated Construction Costs** \$407,958 67

**Estimated Soft Costs**

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$85,671 32
Legal	\$20,397 93
Fiscal	\$25,701 40
Interest	\$28,335 79
Duration (Months)	

**Total Estimated Soft Costs** \$160,106 44

**Total Estimated Costs** \$568,065 11

Cd

**PAVING IN EXCESS OF 6" THICK**

**Assumptions/Comments**

Total pavement in excess of 6" minus G O pavement

<b>Bid Item Description</b>		<b>Approximate Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
1	1" CONCRETE PAVEMENT	1,404	SY	\$28 00	\$39,324 00
	CONTINGENCY	15%		\$39,324 00	\$5,898 60
<b>Estimated Construction Costs</b>					<b>\$45,222 60</b>

**Estimated Soft Costs**

<b>Engineering Design, Construction</b>	
<b>Admin, Geotechnical &amp; Testing</b>	\$9,496 75
<b>Legal</b>	\$2,261 13
<b>Fiscal</b>	\$2,849 02
<b>Interest</b>	\$3,141 05
<b>Duration (Months)</b>	

**Total Estimated Soft Costs** 39% \$17,747 95

**Total Estimated Costs** \$62,970 55

FORMULA	PAVEMENT MINOR QUANTITY	10,528 SY
	- G O PAVEMENT QUANTITY	697 SY
	<hr/>	9,831 SY
	Pavement SY X (1/7") = 1" Pavement SY	1,404 SY



**PAVING MINOR G.O.**

**Assumptions/Comments**



Intersections and extra wide pavement are GO, but not 1/2 adjacent to outlots unless it's parkground

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1	7" CONCRETE PAVEMENT - TYPE L65	697	SY	\$28 00	\$19,516 00
2	COMMON EARTHWORK EXCAVATION	232	CY	\$3 50	\$813 17
3	MEDIAN SURFACING	103	SF	\$4 00	\$412 00
4	ADJUST MANHOLE TO GRADE	18	EA	\$200 00	\$3,600 00
5	EXTERNAL FRAME SEAL	18	EA	\$400 00	\$7,200 00
6	CONSTRUCT CURB INLET	10	EA	\$2,700 00	\$27,000 00
7	HAY OR STRAW MULCH	2	AC	\$250 00	\$500 00
8	CONSTRUCT SILT FENCE	200	LF	\$2 50	\$500 00
9	CLEANOUT SILT BASIN	500	CY	\$3 00	\$1,500 00
10	CLEANOUT SILT FENCE	200	LF	\$1 00	\$200 00
11	SEEDING - TYPE "TEMPORARY SEED MIX"	2	AC	\$1,500 00	\$3,000 00
12	JET EXISTING SEWER	3,768	LF	\$1 00	\$3,768 00
	CONTINGENCY	15%		\$68,009 17	\$10,201 38

**Estimated Construction Costs** \$78,210 54

**Estimated Soft Costs**

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$16,424 21
Legal	\$3,910 53
Fiscal	\$4,927 26
Interest	\$5,432 31
Duration (Months)	

**Total Estimated Soft Costs** \$30,694 31

**Total Estimated Costs** \$108,904 86

CF

**CORNHUSKER ROAD G.O.**

**Assumptions/Comments**



CORNHUSKER ROAD ADJACENT TO PHASE 3 SHALL BE CONSTRUCTED AND FINANCED AS PART OF THE PHASE 2 CORNHUSKER ROAD IMPROVEMENTS

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
<b>Estimated Construction Costs</b>				\$0 00
<b><u>Estimated Soft Costs</u></b>				
<b>Engineering Design, Construction</b>				
	21 00%	<b>Admin, Geotechnical &amp; Testing</b>		\$0 00
	5 00%	<b>Legal</b>		\$0 00
	5 00%	<b>Fiscal</b>		\$0 00
	7 00%	<b>Interest</b>		\$0 00
	9	<b>Duration (Months)</b>		
<b>Total Estimated Soft Costs</b>				0% <u>\$0 00</u>
<b>Total Estimated Costs</b>				<u>\$0 00</u>

**PAVING IN EXCESS OF 6" THICK - G O**

**Assumptions/Comments**

Total pavement in excess of 6" minus Sarpy County pavement contribution and G O pavement (8282 full quantity reduced to what is shown below)

<b>Bid Item Description</b>		<b>Approximate</b>		<b>Unit Price</b>	<b>Total</b>
		<b>Quantity</b>	<b>Unit</b>		
1	1" CONCRETE PAVEMENT	1404	SY	\$28 00	\$39,324 00
	15% CONTINGENCY	15%		\$39,324 00	\$5,898 60
<b>Estimated Construction Costs</b>					<b>\$45,222 60</b>

**Estimated Soft Costs**

<b>Engineering Design, Construction</b>		
21 00%	<b>Admin, Geotechnical &amp; Testing</b>	\$9,496 75
5 00%	<b>Legal</b>	\$2,261 13
5 00%	<b>Fiscal</b>	\$2,849 02
7 00%	<b>Interest</b>	\$3,141 05
<b>9 Duration (Months)</b>		
<b>Total Estimated Soft Costs</b>	39%	<b>\$17,747 95</b>
<b>Total Estimated Costs</b>		<b>\$62,970 55</b>

FORMULA	PAVEMENT MINOR QUANTITY	10,528	SY
	- G O PAVEMENT QUANTITY	697	SY
		9,831	SY

Pavement SY X (1/7") = 1" Pavement SY



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**SIDEWALKS**

**Assumptions/Comments**



5 foot wide sidewalk along Outlot G, entrances to Outlot E, and along Outlot H where basin 2 is located, and Cornhusker. Added ramps and crosswalk striping

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	5' WIDE 4" CONCRETE SIDEWALK	6630	SF	\$3 00	\$19,890 00
2	8' WIDE 5" CONCRETE TRAIL	9744	SF	\$4 00	\$38,976 00
3	SUBGRADE PREPARATION	16374	SF	\$1 65	\$27,017 10
4	GENERAL GRADING AND SHAPING	1	LS	\$7,500 00	\$7,500 00
5	CONSTRUCT DETECTABLE WARNING PANEL	12	EA	\$100 00	\$1,200 00
6	SEEDING - TYPE "NON -IRRIGATED LAWN AND TURF SEED"	2 0	AC	\$1,600 00	\$3,200 00
7	SEEDING - TYPE "NATIVE GRASS MIXTURE"	0 5	AC	\$2,000 00	\$1,000 00
8	HAY OR STRAW MULCH	2 5	AC	\$450 00	\$1,125 00
9	HANDICAP RAMP	4	EA	\$1,100 00	\$4,400 00
10	CROSSWALK STRIPING (2' WIDE)	60	LF	\$8 00	\$480 00
	CONTINGENCY	10%		\$104,788 10	\$10,478 81

**Estimated Construction Costs** \$115,266 91

**Estimated Soft Costs**

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$24,206 05
Legal	\$5,763 35
Fiscal	\$7,261 82
Interest	\$10,674 87
Duration (Months)	

**Total Estimated Soft Costs** \$47,906 08

**Total Estimated Costs** \$163,172 99



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**SIDEWALKS G.O.**

**Assumptions/Comments**



5 foot wide sidewalk along Northshore Boulevard and 8 foot wide trail connection

	<b>Bid Item Description</b>	<b>Approximate Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
1	5' WIDE 4" CONCRETE SIDEWALK	6630	SF	\$3 00	\$19,890 00
2	8' WIDE 5" CONCRETE TRAIL	9744	SF	\$4 00	\$38,976 00
3	SUBGRADE PREPARATION	16374	SF	\$1 65	\$27,017 10
4	GENERAL GRADING AND SHAPING	1	LS	\$7,500 00	\$7,500 00
5	CONSTRUCT DETECTABLE WARNING PANEL	12	EA	\$100 00	\$1,200 00
6	SEEDING - TYPE "NON -IRRIGATED LAWN AND TURF SEED"	2	AC	\$1,600 00	\$3,200 00
7	SEEDING - TYPE "NATIVE GRASS MIXTURE"	1	AC	\$2,000 00	\$1,000 00
8	HAY OR STRAW MULCH	3	AC	\$450 00	\$1,125 00
9	HANDICAP RAMP	4	EA	\$1,100 00	\$4,400 00
10	CROSSWALK STRIPING (2' WIDE)	60	LF	\$8 00	\$480 00
	CONTINGENCY	10 00%		\$104,788 10	\$10,478 81

**Estimated Construction Costs** \$115,266 91

**Estimated Soft Costs**

<b>Engineering Design, Construction</b>	
<b>Admin, Geotechnical &amp; Testing</b>	\$24,206 05
<b>Legal</b>	\$5,763 35
<b>Fiscal</b>	\$7,281 82
<b>Interest</b>	\$10,674 87
<b>Duration (Months)</b>	

**Total Estimated Soft Costs** \$47,906 08

**Total Estimated Costs** **\$163,172 99**

CK

**LANDSCAPING**

Assumptions/Comments



North Shore Boulevard

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	LANDSCAPING	1 00	LS	\$20,000 00	\$20,000 00
<b>Estimated Construction Costs</b>					\$20,000 00
<b>Estimated Soft Costs</b>					
Engineering Design, Construction Admin, Geotechnical & Testing					\$5,000 00
Legal					\$1,000 00
Fiscal					\$1,300 00
Interest					\$955 50
Duration (Months)					
<b>Total Estimated Soft Costs</b>					<b>\$8,255 50</b>
<b>Total Estimated Costs</b>					<b>\$28,255 50</b>

**PARKS IMPROVEMENTS**

Assumptions/Comments



Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	PARK IMPROVEMENTS	1 00	LS	\$25,000 00	\$25,000 00
<b>Estimated Construction Costs</b>					\$25,000 00
<b>Estimated Soft Costs</b>					
Engineering Design, Construction Admin, Geotechnical & Testing					\$6,250 00
Legal					\$1,250 00
Fiscal					\$1,625 00
Interest					\$1,194 38
Duration (Months)					
<b>Total Estimated Soft Costs</b>					<b>\$10,319 38</b>
<b>Total Estimated Costs</b>					<b>\$35,319 38</b>

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**PARKS ACQUISITION**

**Assumptions/Comments**



Paid \$47,000 per acre for the land  
Outlot E (Park) = 2.93 Acres  
Outlot F (Water Quality Basin 1) = 0.67 Acres

<b>Bid Item Description</b>		<b>Approximate Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
1	PARK ACQUISITION	2.93	AC	\$23,500.00	\$68,855.00
<b>Estimated Construction Costs</b>					\$68,855.00
<b><u>Estimated Soft Costs</u></b>					
Engineering Design, Construction					
Admin, Geotechnical & Testing					\$1,377.10
Legal					\$1,377.10
Fiscal					\$3,580.46
Interest					\$2,631.64
Duration (Months)					
<b>Total Estimated Soft Costs</b>					<b>\$8,966.30</b>
<b>Total Estimated Costs</b>					<b>\$77,821.30</b>

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**LANDSCAPING G.O.**

Assumptions/Comments



North Shore Boulevard

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	LANDSCAPING	1 00	LS	\$20,000 00	\$20,000 00
<b>Estimated Construction Costs</b>					\$20,000 00
<b>Estimated Soft Costs</b>					
Engineering Design, Construction Admin, Geotechnical & Testing					\$5,000 00
Legal					\$1,000 00
Fiscal					\$1,300 00
Interest					\$955 50
Duration (Months)					
<b>Total Estimated Soft Costs</b>					
<b>Total Estimated Costs</b>					<b>\$28,255 50</b>

**PARKS IMPROVEMENTS G.O.**

Assumptions/Comments



Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	PARK IMPROVEMENTS	1 00	LS	\$25,000 00	\$25,000 00
<b>Estimated Construction Costs</b>					\$25,000 00
<b>Estimated Soft Costs</b>					
Engineering Design, Construction Admin, Geotechnical & Testing					\$6,250 00
Legal					\$1,250 00
Fiscal					\$1,625 00
Interest					\$1 194 38
Duration (Months)					
<b>Total Estimated Soft Costs</b>					<b>\$10 319 38</b>
<b>Total Estimated Costs</b>					<b>\$35,319 38</b>

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**PARKS ACQUISITION**

**Assumptions/Comments**



Paid \$47,000 per acre for the land  
Outlot E (Park) = 2.93 Acres  
Outlot F (Water Quality Basin 1) = 0.67 Acres

<b>Bid Item Description</b>		<b>Approximate Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
1	PARK ACQUISITION	2.93	AC	\$23,500.00	\$68,855.00

**Estimated Construction Costs** \$68,855.00

**Estimated Soft Costs**

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$1,377.10
Legal	\$1,377.10
Fiscal	\$3,580.46
Interest	\$2,631.64
Duration (Months)	

**Total Estimated Soft Costs** \$8,966.30

**Total Estimated Costs** \$77,821.30

**WATER INTERIOR**

Assumptions/Comments

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	REMOVE 12" PLUG	1	EA	\$500 00	\$500 00
2	CONSTRUCT 6" WATER MAIN	1,374	LF	\$21 00	\$28,854 00
3	CONSTRUCT 8" WATER MAIN	2,275	LF	\$26 00	\$59,150 00
4	CONSTRUCT 12" WATER MAIN	263	LF	\$44 00	\$11,572 00
5	CONSTRUCT 6" PIPE BEDDING	1,374	LF	\$3 00	\$4,122 00
6	CONSTRUCT 8" PIPE BEDDING	2,275	LF	\$4 00	\$9,100 00
7	CONSTRUCT 12" PIPE BEDDING	263	LF	\$6 00	\$1,578 00
8	AUGERING 8" WATER MAIN	96	LF	\$30 00	\$2,880 00
9	AUGERING 12" WATER MAIN	24	LF	\$40 00	\$960 00
	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND BACKING BLOCK	5	EA	\$3,600 00	\$18,000 00
10	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	5	EA	\$3,800 00	\$19,000 00
11	CONSTRUCT 12"x12"x12" M J TEE ASSEMBLY AND BACKING BLOCK		EA	\$600 00	\$0 00
12	CONSTRUCT 12"x12"x8" M J TEE ASSEMBLY AND BACKING BLOCK		EA	\$500 00	\$0 00
13	CONSTRUCT 12"x8"x6" M J TEE ASSEMBLY AND BACKING BLOCK	1	EA	\$450 00	\$450 00
14	CONSTRUCT 8"x8"x8" M J TEE ASSEMBLY AND BACKING BLOCK	1	EA	\$400 00	\$400 00
15	CONSTRUCT 8"x8"x6" M J TEE ASSEMBLY AND BACKING BLOCK	2	EA	\$350 00	\$700 00
16	CONSTRUCT 12" M J GATE VALVE AND BOX		EA	\$1,700 00	\$0 00
17	CONSTRUCT 8" M J GATE VALVE AND BOX	7	EA	\$1,000 00	\$7,000 00
18	CONSTRUCT 6" M J GATE VALVE AND BOX	3	EA	\$900 00	\$2,700 00
19	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK		EA	\$500 00	\$0 00
20	CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK		EA	\$450 00	\$0 00
21	CONSTRUCT 6" x45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK		EA	\$350 00	\$0 00
22	CONSTRUCT 6" x 22 5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK		EA	\$300 00	\$0 00
23	CONSTRUCT 12" X 6" REDUCER		EA	\$250 00	\$0 00
24	CONSTRUCT CHLORINE TUBE	1	EA	\$1,500 00	\$1,500 00
25	CONSTRUCT SAMPLE TAP	5	EA	\$400 00	\$2,000 00
26	CONSTRUCT SILT FENCE	200	LF	\$3 00	\$600 00
27	CONTINGENCY	20%		\$171,066 00	\$34,213 20

**Estimated Construction Costs** \$205,279 20

**Estimated Soft Costs**

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$43,108 63
Legal	\$10,263 96
Fiscal	\$12,932 59
Interest	\$14,258 18
Duration (Months)	

**Total Estimated Soft Costs** \$80,563 36

**Total Estimated Costs** \$285,842 56

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**CAPITAL FACILITIES CHARGES**

Assumptions/Comments



	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1	CAPITAL FACILITIES CHARGES - RESIDENTIAL	61	LOTS	\$1,970 00	\$120,170 00
2	CAPITAL FACILITIES CHARGES - SCHOOL		AC	\$5,910 00	\$0 00
3	CAPITAL FACILITIES CHARGES - OUTLOTS	3 78	AC	\$5,910 00	\$22,342 18

**Estimated Construction Costs** \$142,512 18

**Estimated Soft Costs**

Legal	\$2,850 24
Fiscal	\$7,268 12
Interest	\$8,013 10
Duration (Months)	

**Total Estimated Soft Costs** \$18,131 47

**Total Estimated Costs** \$160,643 65

OUTLOT	AREA	UNITS
Outlot E	142832	SF
Outlot F	7835 33	SF
Outlot G	14007	SF
<b>TOTAL</b>	<b>3 780402433</b>	<b>AC</b>

**WATER INTERIOR G.O - PRICE DIFFERENCES**

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1	REMOVE 12" PLUG	1	EA	\$500 00	\$500 00
2	CONSTRUCT 6" WATER MAIN	0	LF	\$21 00	\$0 00
3	CONSTRUCT 8" WATER MAIN	0	LF	\$26 00	\$0 00
4	CONSTRUCT 12" WATER MAIN	263	LF	\$18 00	\$4,734 00
5	CONSTRUCT 6" PIPE BEDDING	0	LF	\$3 00	\$0 00
6	CONSTRUCT 8" PIPE BEDDING	0	LF	\$4 00	\$0 00
7	CONSTRUCT 12" PIPE BEDDING	263	LF	\$2 00	\$526 00
8	AUGERING 8" WATER MAIN	0	LF	\$30 00	\$0 00
9	AUGERING 12" WATER MAIN	24	LF	\$10 00	\$240 00
	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$3,600 00	\$0 00
11	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	0	EA	\$3,800 00	\$0 00
12	CONSTRUCT 12"x12"x12" M J TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$600 00	\$0 00
13	CONSTRUCT 12"x12"x8" M J TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$500 00	\$0 00
14	CONSTRUCT 12"x8"x6" M J TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$450 00	\$0 00
15	CONSTRUCT 8"x8"x8" M J TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$400 00	\$0 00
16	CONSTRUCT 8"x8"x6" M J TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$350 00	\$0 00
17	CONSTRUCT 12" M J GATE VALVE AND BOX	0	EA	\$1,700 00	\$0 00
18	CONSTRUCT 8" M J GATE VALVE AND BOX	0	EA	\$1,000 00	\$0 00
19	CONSTRUCT 6" M J GATE VALVE AND BOX	0	EA	\$900 00	\$0 00
20	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$500 00	\$0 00
21	CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$450 00	\$0 00
22	CONSTRUCT 6" x45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$350 00	\$0 00
23	CONSTRUCT 6" x 22 5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$300 00	\$0 00
24	CONSTRUCT 12" X 6" REDUCER	0	EA	\$250 00	\$0 00
25	CONSTRUCT CHLORINE TUBE	0	EA	\$1,500 00	\$0 00
26	CONSTRUCT SAMPLE TAP	0	EA	\$400 00	\$0 00
27	CONSTRUCT SILT FENCE	200	LF	\$3 00	\$600 00
	CONTINGENCY	20%		\$6,600 00	\$1,320 00

**Estimated Construction Costs** \$7,920 00

Estimated Soft Costs

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$1,663 20
Legal	\$396 00
Fiscal	\$498 96
Interest	\$550 10
Duration (Months)	

**Total Estimated Soft Costs** \$3,108 26

**Total Estimated Costs** \$11,028 26



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**REGULATORY SIGNS**

Assumptions/Comments

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	4	EA	\$250 00	\$1,000 00
2	"STOP" SIGN (24")	10	EA	\$200 00	\$2,000 00
3	"YIELD" SIGN (24")	0	EA	\$200 00	\$0 00
4	SPEED LIMIT SIGN (18"X24")	2	EA	\$175 00	\$350 00
5	"PEDESTRIAN CROSSING" SIGN (30"X30")	4	EA	\$250 00	\$1,000 00
6	REFLECTIVE DELINEATORS	0	EA	\$75 00	\$0 00
7	ONE WAY SIGNS	2	EA	\$200 00	\$400 00
	CONTINGENCY	15%		\$4,750 00	\$712 50

**Estimated Construction Costs** \$5,462 50

Estimated Soft Costs

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$1,365 63
Legal	\$273 13
Fiscal	\$355 06
Interest	\$391 46
Duration (Months)	

**Total Estimated Soft Costs.** \$2,385 27

**Total Estimated Costs** \$7,847 77

**SIGNAGE G O.**

Assumptions/Comments

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	4	EA	\$250 00	\$1,000 00
2	"STOP" SIGN (24")	10	EA	\$200 00	\$2,000 00
3	"YIELD" SIGN (24")	0	EA	\$200 00	\$0 00
4	SPEED LIMIT SIGN (18"X24")	2	EA	\$175 00	\$350 00
5	"PEDESTRIAN CROSSING" SIGN (30"X30")	4	EA	\$250 00	\$1,000 00
6	REFLECTIVE DELINEATORS	0	EA	\$75 00	\$0 00
7	ONE WAY SIGNS	2	EA	\$200 00	\$400 00
	CONTINGENCY	15%		\$4,750 00	\$712 50

**Estimated Construction Costs** \$5,462 50

Estimated Soft Costs

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$1,365 63
Geotechnical and Testing	\$0 00
Legal	\$273 13
Fiscal	\$355 06
Interest	\$391 46
Duration (Months)	

**Total Estimated Soft Costs** \$2,385 27

**Total Estimated Costs** \$7,847 77

Ct

**POWER**

Assumptions/Comments



Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	SINGLE FAMILY LOT	61	EA	\$1,350 00	\$82,350 00
<b>Estimated Construction Costs</b>					<b>\$82,350 00</b>
<b>Estimated Soft Costs</b>					
Engineering Design, Construction					
Admin, Geotechnical & Testing					\$17,293 50
Legal					\$4,117 50
Fiscal					\$5,188 05
Interest					\$5,719 83
Duration (Months)					
<b>Total Estimated Soft Costs</b>					<b>\$32,318 88</b>
<b>Total Estimated Costs</b>					<b>\$114,668 88</b>

**DECORATIVE STREET LIGHTS**

Assumptions/Comments



Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	DECORATIVE STREET LIGHTS	0	EA	2,273 32	\$0 00
<b>Estimated Construction Costs</b>					<b>\$0 00</b>
<b>Estimated Soft Costs</b>					
Engineering Design, Construction					
Admin, Geotechnical & Testing					\$0 00
Legal					\$0 00
Fiscal					\$0 00
Interest					\$0 00
Duration (Months)					
<b>Total Estimated Soft Costs</b>					<b>\$0 00</b>
<b>Total Estimated Costs</b>					<b>\$0 00</b>

Cu

**CIVIL DEFENSE SIREN**

Assumptions/Comments:



	<b>Bid Item Description</b>	<b>Approximate Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
1	50% SID 290 COST	0	LS	\$22,723.35	\$0.00

**Estimated Construction Costs:** \$0.00

**Estimated Soft Costs**

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$0.00
Legal:	\$0.00
Fiscal.	\$0.00
Interest:	\$0.00
Duration (Months)	

**Total Estimated Soft Costs:** \$0.00

**Total Estimated Costs:** \$0.00



# **S.I.D. Cost Estimate**

**NORTH SHORE COMBINED ESTIMATE**

**PHASE 1, 2 AND 3**

**0112044.01-003**

**SID 292**

**3/5/2015**

CW

**North Shore, Sarpy County SID 292**  
**ORDER OF MAGNITUDE COST ESTIMATE**  
**COMBINED PHASE 1, 2 AND 3**

Proposed Improvement	Quantity	Unit	Construction Cost	Total Cost	General Obligation	Special	Papillion Reimbursable	Sarpy County Reimbursable	Adjacent SID Reimbursable
<b>SANITARY SEWER</b>									
Interior	23364	LF	\$1,086,583.68	\$1,621,140.68	\$29,163.71	\$1,591,976.97	\$0.00	\$0.00	\$0.00
Outfall - Western Springs	8346	LF	\$839,155.39	\$1,184,539.90	\$0.00	\$0.00	\$1,184,539.90	\$0.00	\$0.00
Outfall - Ballpark	151	LF	\$3,466.55	\$5,337.34	\$0.00	\$0.00	\$5,337.34	\$0.00	\$0.00
Outfall - Easement Acquisition	1	LS	\$249,905.00	\$295,391.79	\$0.00	\$0.00	\$295,391.79	\$0.00	\$0.00
<b>STORM SEWER</b>	3942	LF	\$638,924.28	\$931,149.50	\$880,202.83	\$0.00	\$0.00	\$50,946.67	\$0.00
<b>PAVING</b>									
Minor	66251	SY	\$2,073,923.31	\$2,916,148.48	\$813,805.17	\$2,102,343.31	\$0.00	\$0.00	\$0.00
Boulevard	20518	SY	\$662,499.43	\$943,583.89	\$294,246.81	\$237,854.15	\$0.00	\$411,482.92	\$0.00
Cornhusker Road	8980	SY	\$718,700.00	\$1,042,300.00	\$577,500.00	\$0.00	\$0.00	\$282,000.00	\$182,800.00
<b>SIDEWALKS</b>	36892	SF	\$324,980.63	\$450,316.74	\$450,316.74	\$0.00	\$0.00	\$0.00	\$0.00
<b>PARKS</b>									
Landscaping	1	LS	\$110,453.64	\$156,090.64	\$156,090.64	\$0.00	\$0.00	\$0.00	\$0.00
Improvements	1	LS	\$114,338.00	\$141,147.43	\$141,147.43	\$0.00	\$0.00	\$0.00	\$0.00
Acquisition	2.93	AC	\$68,900.00	\$77,800.00	\$77,821.30	\$0.00	\$0.00	\$0.00	\$0.00
<b>WATER</b>									
Interior	24672	LF	\$1,163,986.30	\$1,620,748.60	\$230,999.44	\$1,389,749.16	\$0.00	\$0.00	\$0.00
Capital Facilities Charges	361	LOTS	\$692,416.88	\$806,306.09	\$403,153.05	\$403,153.05	\$0.00	\$0.00	\$0.00
City Infrastructure Contrib	1	LS	\$542,400.00	\$601,242.26	\$601,242.26	\$0.00	\$0.00	\$0.00	\$0.00
<b>POWER</b>									
Service	361	LOTS	\$343,040.00	\$474,568.03	\$0.00	\$474,568.03	\$0.00	\$0.00	\$0.00
Decorative Street Lights	35	EA	\$71,750.00	\$93,547.01	\$93,547.01	\$0.00	\$0.00	\$0.00	\$0.00
<b>SIGNAGE</b>	313	SIGNS	\$109,651.64	\$156,776.51	\$102,759.71	\$0.00	\$0.00	\$54,016.80	\$0.00
<b>CIVIL DEFENSE SIREN</b>	1	LS	\$22,723.35	\$25,682.38	\$25,682.38	\$0.00	\$0.00	\$0.00	\$0.00
<b>PLAN REVIEW FEE</b>	1	%	\$34,200.00	\$38,400.00	\$29,200.00	\$9,200.00	\$0.00	\$0.00	\$0.00
<b>Total</b>			<b>\$9,871,998.08</b>	<b>\$13,582,217.28</b>	<b>\$4,906,878.49</b>	<b>\$6,208,844.67</b>	<b>\$1,485,269.03</b>	<b>\$798,446.39</b>	<b>\$182,800.00</b>
			\$9,871,998.08	\$13,582,217.28	\$4,906,878.49	\$6,208,844.67	\$1,485,269.03	\$798,446.39	
Residential Valuation	361	Lots	\$115,520,000.00		Debt Ratio (95% Valuation)	<b>4.47%</b>			
Total Valuation			\$115,520,000.00						
95% Valuation			\$109,744,000.00						

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# DEBT RATIO

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## ASSUMPTIONS

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Average market Value Per Residential Lot (land value only) =

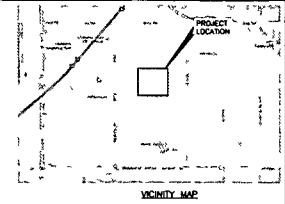
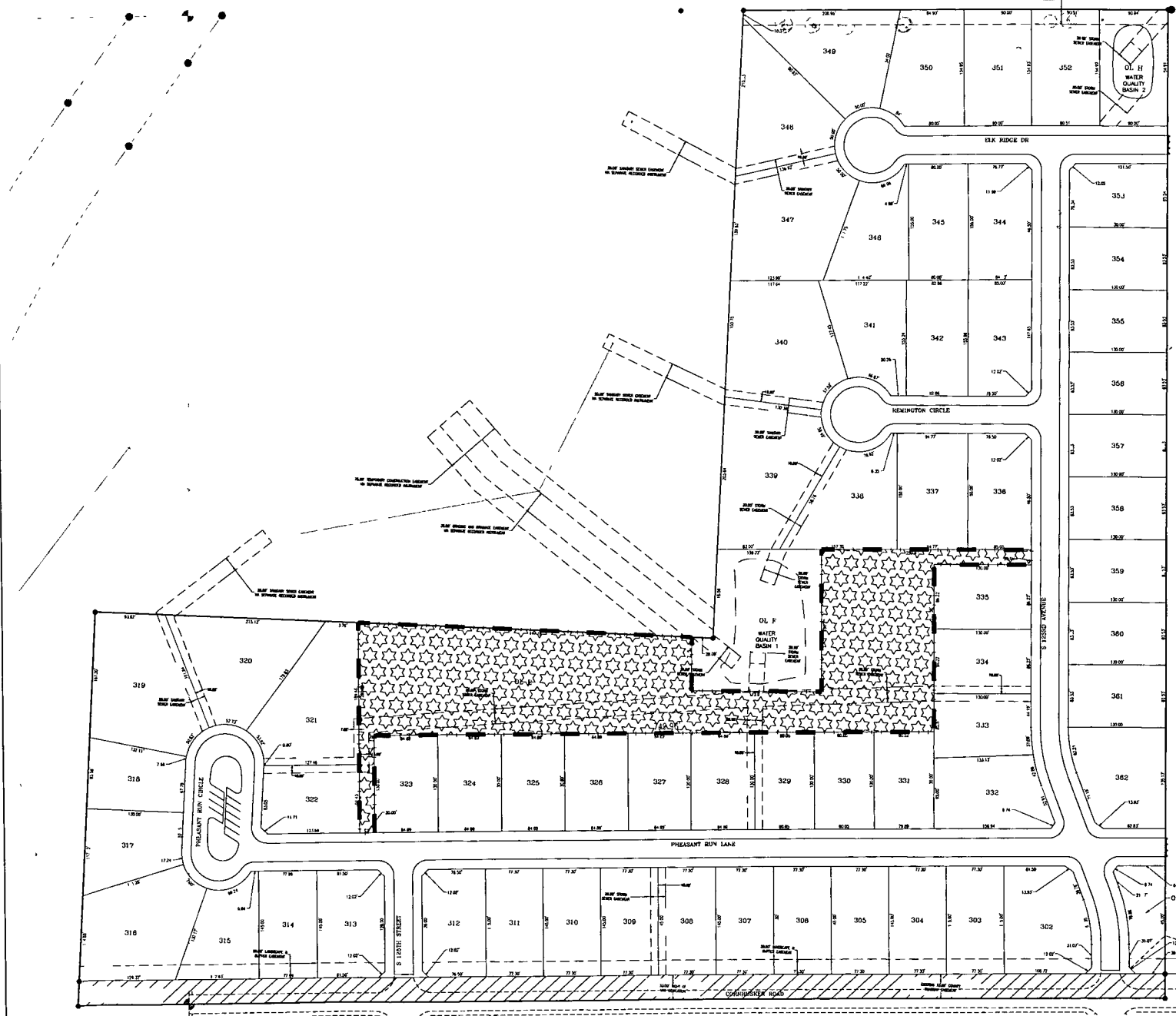
Average market Value Per Residential Lot (Improvements) (improvement value only) =

## ASSESSABLE VALUATION

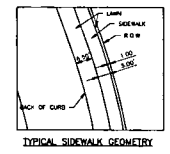
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Residential Lot	<input type="text" value="361"/>	Units =	\$50,000 00 =	\$18,050,000 00
Residential Improvements	<input type="text" value="361"/>	Units =	\$270,000 00 =	\$97,470,000 00
				<hr/>
Total 100% Valuation =				\$115,520,000 00
Total 95% Valuation =				\$109,744,000 00
DEBT RATIO =				<input type="text" value="4.47%"/>

# SANITARY AND IMPROVEMENT DISTRICT NO. 292, SARPY COUNTY, NEBRASKA NORTH SHORE - PHASE 3



- LEGEND**
- PROPERTY LINE
  - PROPOSED SIDEWALK
  - PROPOSED PAVEMENT
  - EXISTING GAS
  - EXISTING WATER
  - EXISTING STORM SEWER
  - EXISTING SANITARY SEWER
  - EXISTING MANHOLE
  - EXISTING DECADUOUS TREE AND SIZE
  - EXISTING F.E.S.
  - EXISTING OVERHEAD POWER
  - EXISTING UNDERGROUND POWER
  - PROPOSED PAVEMENT
  - DEDICATED OPEN SPACE



## EXHIBIT H-1

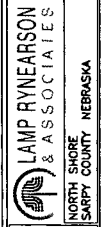
**Diapers/Dishes**  
 Nebraska  
 2014  
 05/07/2014

NOTE: INDIVIDUALS APPLY LOCATIONS SHOWN ARE FROM INFORMATION PROVIDED BY THE PROPERTY OWNERS. SARP COUNTY HAS NO LIABILITY OR LIABILITY ASSUMPTION IN REGARD TO THE INFORMATION CONTAINED IN THIS DOCUMENT OR ANY PART THEREOF. PUBLIC CONSTRUCTION CALL 308-251-5555 (TDD) OR 308-251-5555 (VOICE) FROM 8:00 AM TO 5:00 PM MON-FRI.

Prepared by	Checked by
Drawn by	Reviewed by
Scale	Project No.

This document is a PRELIMINARY version which has not been approved by the Board of Supervisors of Sarpy County, Nebraska.

11710 West Dakota Road Suite 100  
 Omaha, Nebraska 68151-2027  
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 www.lra.com

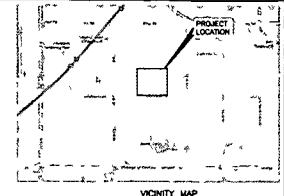


DEDICATED OPEN SPACE  
 SARP COUNTY, NEBRASKA  
 2014 Number: 1648-6  
 0112544 03-003  
 Book 1 Page 1  
 Date: 05/07/2014  
 1 of 1



# SANITARY AND IMPROVEMENT DISTRICT NO. 292, SARPY COUNTY, NEBRASKA

## NORTH SHORE - PHASE 3



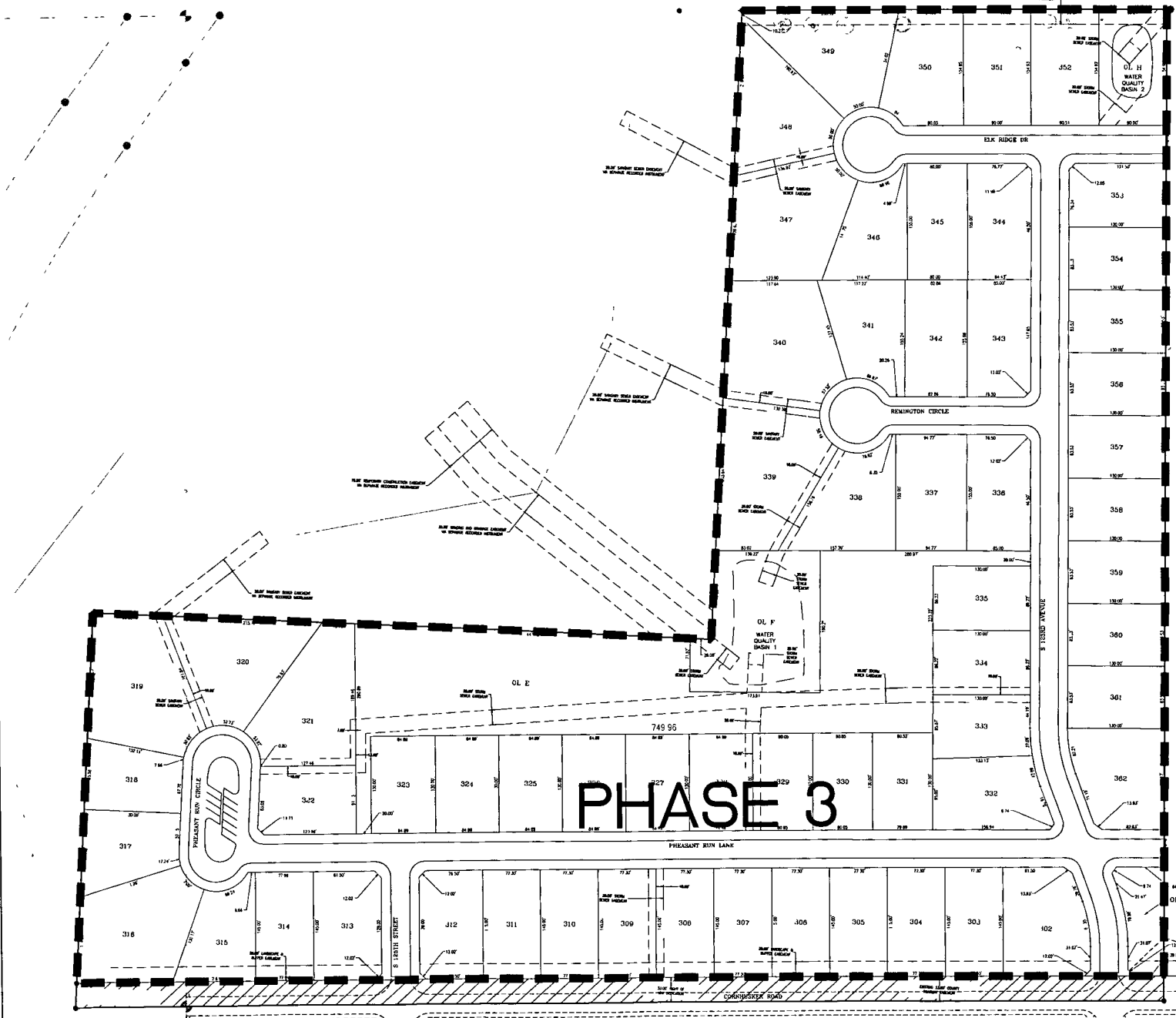
Project No.	2015-12965
Project Name	PHASING OF IMPROVEMENTS
Client	SARPY COUNTY, NEBRASKA
Prepared by	LAMP RYNEARSON & ASSOCIATES
Checked by	
Date	07/07/2014

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**LAMP RYNEARSON & ASSOCIATES**  
 NORTH SHORE - NEBRASKA  
 SARPY COUNTY

- LEGEND**
- PROPERTY LINE
  - PROPOSED SIDEWALK
  - PROPOSED PAVEMENT
  - PROPOSED Silt Basin/Water Quality Pond
  - - - EXISTING GAS
  - - - EXISTING WATER
  - - - EXISTING STORM SEWER
  - - - EXISTING SANITARY SEWER
  - EXISTING MANHOLE
  - EXISTING CURB INLET (BT OTHERS)
  - EXISTING F.E.S.
  - - - EXISTING OVERHEAD POWER
  - - - EXISTING UNDERGROUND POWER
  - PROPOSED PAVEMENT
  - PHASE LIMITS



# PHASE 3

## EXHIBIT J-1



NOTE: THE INFORMATION ON THIS PLAN WAS OBTAINED FROM THE FIELD REPRESENTATIVE'S SURVEY AND FROM THE RECORDS OF THE DISTRICT. THE ENGINEER HAS NOT CONDUCTED A FIELD SURVEY OF THE PROJECT. THE DISTRICT REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE ENGINEER. THE ENGINEER'S LIABILITY IS LIMITED TO THE DESIGN OF THE SANITARY AND IMPROVEMENT DISTRICT. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE SANITARY AND IMPROVEMENT DISTRICT OR FOR THE DESIGN OF THE SANITARY AND IMPROVEMENT DISTRICT.

PHASING OF IMPROVEMENTS

Sheet  
 1 of 1

2015-12965

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