

COUNTER ah C.E. ah  
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CHG 700 CASH \_\_\_\_\_  
REFUND \_\_\_\_\_ CREDIT \_\_\_\_\_  
SHORT \_\_\_\_\_ NCR \_\_\_\_\_

FILED SARPY COUNTY NEBRASKA  
INSTRUMENT NUMBER

2019-20323

09/03/2019 9:01:48 AM

*Deb Houghtaling*  
COUNTY CLERK/REGISTER OF DEEDS



**THIS PAGE ADDED  
FOR RECORDING  
INFORMATION.**

**DOCUMENT STARTS ON  
NEXT PAGE.**

**Deb Houghtaling**  
SARPY COUNTY CLERK/ REGISTER OF DEEDS  
RENEE LANSMAN, DEPUTY  
1210 GOLDEN GATE DRIVE  
PAPILLION, NE 68046-2842  
402-593-5773

*R&R  
City of Papillion*

**THIRD AMENDMENT  
TO  
NORTH SHORE  
SUBDIVISION AGREEMENT**

This Third Amendment to the North Shore Subdivision Agreement, made this 21<sup>st</sup> day of Aug., 2019 (the "Effective Date"), by and between **WOODLAND HOMES, INC.**, a Nebraska corporation (hereinafter referred to as "WOODLAND"), **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 approved by the Papillion City Council via Resolution No. R13-0117 on August 6, 2013 as modified by the First Amendment approved by the Papillion City Council via Resolution No. R15-0078 on April 21, 2015 and the Second Amendment approved by the Papillion City Council via Resolution No. R17-0124 on July 5, 2017 (hereinafter referred to as the "Agreement").

DISTRICT, CITY, and Lake View 126, LLC, a Nebraska limited liability corporation (hereinafter referred to as "LAKE VIEW") entered into a Subdivision Agreement with respect to Lots 1 through 301, inclusive, and Outlots A through D, inclusive, North Shore and such Subdivision Agreement identified LAKE VIEW as DEVELOPER; and

DISTRICT, CITY, and LAKE VIEW entered into the First Amendment to incorporate Lots 302 through 362, inclusive, and Outlots E through H, inclusive, North Shore into the Subdivision Agreement; and such First Amendment identified LAKE VIEW as DEVELOPER; and

DISTRICT, CITY, and LAKE VIEW entered into the Second Amendment to authorize construction of certain park improvements; and

DISTRICT, CITY, and WOODLAND acknowledge that LAKE VIEW, the original DEVELOPER and an original party to the Subdivision Agreement, First Amendment, and Second Amendment, dissolved as a limited liability company as described in the "Affidavit of Gerald L. Torczon" attached hereto as Exhibit "K". The Parties further acknowledge that no successors or assigns to DEVELOPER exist; therefore DEVELOPER's signature is not required to validly execute this Third Amendment or any other future amendments to the Subdivision Agreement (see Exhibit "K", Affidavit of Gerald L. Torczon); and

WOODLAND wishes to assume the obligations, rights, and responsibilities of DEVELOPER as enumerated in the Subdivision Agreement, First Amendment, and Second Amendment as if WOODLAND had been named as a party to, and had originally executed, the Subdivision Agreement, First Amendment, and Second Amendment as DEVELOPER; and

DISTRICT and CITY wish to authorize WOODLAND's assumption of the obligations, rights, and responsibilities of DEVELOPER as enumerated in the Subdivision Agreement, First Amendment, and Second Amendment as if WOODLAND had been named as a party to, and had originally executed, the Subdivision Agreement, First Amendment, and Second Amendment as DEVELOPER; and

DISTRICT proposes to permanently stripe certain streets dedicated and constructed within the Development Area to promote public safety now that a significant number of lots within the Development Area are developed; and

The Subdivision Agreement identified the construction of the streets dedicated within the Development Area (the "Dedicated Streets") as a Public Improvement and temporary striping of certain Dedicated Streets as a Public Improvement; and

The Parties acknowledge that the permanent striping of the Dedicated Streets is a Public Improvement in so far that it is part of the construction of the Dedicated Streets and it provides for public safety; and

The Parties wish to agree upon the manner and the extent to which public funds may be expended in connection with Public Improvements serving the Development Area, including the permanent striping of certain Dedicated Streets, and the extent to which the contemplated Public Improvements specifically benefit property in the Development Area and adjacent thereto, and to what extent the cost of the same shall be specially assessed.

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

1. Capitalized Terms. All capitalized terms used in this Third Amendment shall have the meanings set forth in the Agreement except as otherwise defined herein.
2. Area of Application. The Third Amendment applies to Lots 1 through 362, inclusive, and Outlots A through H, inclusive, North Shore.
3. Amendment #1. As of the Effective Date of this Third Amendment, CITY and DISTRICT hereby authorize WOODLAND's assumption of the obligations, rights, and responsibility of DEVELOPER as enumerated in the Subdivision Agreement, First Amendment, and Second Amendment the same as if WOODLAND has been named as a party to, and had originally executed, the Subdivision Agreement, First Amendment, and Second Amendment. WOODLAND accepts such authorization and agrees to assume and be bound by all of DEVELOPER's obligations and rights under the Subdivision Agreement, First Amendment, and Second Amendment the same as if WOODLAND has been named as a party to, and had originally executed, the Subdivision Agreement, First Amendment, and Second Amendment.
4. Amendment #2. 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-3" 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-3", 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-3". 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 \$5,100,963.92 (the amount shown as the total general obligation Exhibit "G-3"), 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.

5. Exhibit Modifications.

A. Exhibit "G-2" is hereby repealed in its entirety and replaced with Exhibit "G-3".

B. Exhibit "K" is hereby added to the Agreement.

6. No Other Amendment. Except as specifically modified and amended by this Third Amendment, the Agreement shall remain in full force and effect.

7. Binding Effect. This Third Amendment shall be binding upon the parties, their respective successors and assigns.

*(Signatures on following pages.)*

ATTEST:

THE CITY OF PAPILLION, NEBRASKA

  
\_\_\_\_\_  
Nicole Brown, City Clerk

  
\_\_\_\_\_  
David P. Black, Mayor

SEAL:



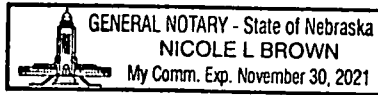
SANITARY AND IMPROVEMENT DISTRICT  
NO. 292 OF SARPY COUNTY, NEBRASKA

By *Gerald L. Torczon*  
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 21<sup>st</sup> day of August, 2019.



*Nicole L Brown*  
Notary Public

WOODLAND/DEVELOPER:

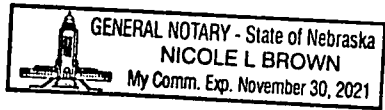
Woodland Homes, Inc., a Nebraska corporation

By *Gerald L. Torczon*  
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 Woodland Homes, Inc., a Nebraska corporation, 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 21<sup>st</sup> day of August, 2019.



*Nicole L Brown*  
Notary Public

**SUBDIVISION AGREEMENT AMENDMENT  
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INTRODUCTION STATEMENT

RECITALS

SECTION	1	Capitalized Terms
	2	Area of Application
	3	Amendment #1
	4	Amendment #2
	5	Exhibit Modifications
	6	No Other Amendment
	7	Binding Effect

EXHIBITS:

G-3	Source and Use
K	Affidavit of Gerald L. Torczon



## Exhibit G-3

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

North Shore - Phase 1

0112044.01-003

SID 292

6/19/2019

**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>								
Interior	10946	LF	\$505,883.68	\$799,040.68	\$183.71	\$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	\$3,468.55	\$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	\$338,905.17	\$1,047,943.31	\$0.00	\$0.00
Boulevard (Paving)	20518	SY	\$682,499.43	\$943,583.89	\$284,248.81	\$237,854.15	\$0.00	\$411,482.92
<b>SIDEWALKS (Includes signage)</b>	44670	SF	\$248,313.37	\$372,214.45	\$350,843.27	\$0.00	\$0.00	\$21,571.18
<b>PARKS</b>								
Landscaping	1	LS	\$78,855.34	\$109,548.00	\$109,548.00	\$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>								
Interior	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	\$527,615.96	\$602,651.76	\$602,651.76	\$0.00	\$0.00	\$0.00
<b>POWER</b>								
Service	188	LOTS	\$185,440.00	\$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	\$0.00	\$0.00
<b>SIGNAGE</b>	249	SIGNS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<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>\$5,935,596.84</b>	<b>\$8,151,305.34</b>	<b>\$2,885,580.87</b>	<b>\$3,296,444.67</b>	<b>\$1,485,269.03</b>	<b>\$484,000.78</b>

Residential Valuation	188	Lots	\$68,808,000.00	Debt Ratio (95% Valuation)	<b>4.41%</b>
Total Valuation			\$68,808,000.00		
95% Valuation			\$65,387,600.00		

Phase I Specials (Excluding Power)	\$3,067,076.64
Total Area - Phase I	105.98 Ac
School Lot Area	10.64 Ac
Estimated School Specials (based on % of Total Area)	\$307,934.49
Net Total Specials - Phase I	\$2,988,510.17
Phase I - Residential	188
Estimated Phase I - Specials per Lot	\$15,896.33

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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="188"/>	Units =	\$50,000.00 =	\$9,400,000.00
Residential Improvements	<input type="text" value="188"/>	Units =	\$316,000.00 =	\$59,408,000.00
				Total 100% Valuation = \$68,808,000.00
				Total 95% Valuation = \$65,367,600.00
				DEBT RATIO = <input type="text" value="4.41%"/>

**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		Unit Price	Total
		Quantity	Unit		
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 8" PIPE BEDDING	6,156	LF	4.19	\$25,783.64
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				
13 .	SANITARY PIPE	0	VF	273.40	\$0.00
14 .	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	83	TN	22.93	\$1,903.19
15 .	CONSTRUCT EXTERNAL FRAME SEAL	4	EA	250.25	\$1,001.00
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
	LESS FAILED TESTS AND VIDEO RE-INSPECTION				-\$5,463.93

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

**Soft Costs**

Engineering Design & CA:	\$122,300.00
Testing:	\$39,933.36
Review Fee:	\$5,878.09
Legal:	\$25,294.17
Fiscal:	\$36,872.82
Interest:	\$62,880.75

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

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

**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	122.58	\$122.58
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 8" SANITARY SEWER PIPE	90	LF	13.77	\$1,239.30
7.	CONSTRUCT 8" DRAINAGE COLLECTION PIPE	10	LF	13.95	\$139.50
8.	CONSTRUCT 8" SANITARY SEWER PIPE	968	LF	16.06	\$15,548.08
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 ALTERNATE NO. 1	1,715	SY	1.29	\$2,212.35
43.	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:	\$54,847.85
Interest:	\$73,405.73

Total Estimated Soft Costs: \$345,384.51

Total Estimated Costs: \$1,184,539.90

**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	\$278.55	\$278.55
4 .	CONSTRUCT EXTERNAL FRAME SEAL	1	EA	\$250.25	\$250.25
5 .	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	10	TN	\$22.93	\$229.30
	CONSTRUCT 54" I.D. SANITARY MANHOLE OVER EXISTING				
6 .	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: \$3,468.55**

**Soft Costs**

Engineering Design & CA: \$700.00  
 Testing: \$273.84  
 Review Fee: \$40.27  
 Legal: \$173.33  
 Fiscal: \$252.67  
 Interest: \$430.89

**Total Soft Costs: \$1,870.79**

**Total Costs: \$5,337.34**

**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	\$71,825.00	\$71,825.00
2 .	PAUL A. HAUG	1	LS	\$71,825.00	\$71,825.00
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:	<u>\$26,882.23</u>

Total Estimated Soft Costs: \$45,486.79

Total Estimated Costs: **\$295,391.79**

**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 8" 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 8" 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	5,838.00	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**

**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	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: \$252.87  
 Interest: \$430.89

**Total Soft Costs: \$1,870.79**

**Total Costs: \$5,337.34**

**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 Quantity	Unit	Unit Price	Total
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:	<u>\$26,862.23</u>

**Total Estimated Soft Costs:** **\$45,486.79**

**Total Estimated Costs:** **\$295,391.79**

**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
	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

**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
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

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

**Assumptions/Comments:**



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

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
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
3 .	CONSTRUCT 30" R.C.P., CLASS III	23.05	LF	35.20	\$811.36
4 .	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	459.91	LF	47.30	\$21,753.74
5 .	CONSTRUCT 54" I.D. MANHOLE (6 EA)	43.88	VF	336.00	\$14,743.68
6 .	CONSTRUCT 66" I.D. MANHOLE (1 EA)	8.00	VF	388.00	\$3,104.00
7 .	CONSTRUCT 18" PIPE BEDDING	261.45	LF	3.95	\$1,032.73
8 .	CONSTRUCT 24" PIPE BEDDING	819.92	LF	4.85	\$3,976.61
9 .	CONSTRUCT 30" PIPE BEDDING	23.05	LF	6.35	\$146.37
10 .	CONSTRUCT 36" PIPE BEDDING	459.91	LF	10.90	\$5,013.02
11 .	CONSTRUCT 18" R.C. FLARED END SECTION W/BAR GRATE	1	EA	875.00	\$875.00
12 .	CONSTRUCT 24" R.C. FLARED END SECTION W/BAR GRATE	1	EA	1,030.00	\$1,030.00
13 .	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)

**PAVING SECTION 1 - TOTAL**

Assumptions/Comments:



FINAL

Paving Minor & Boulevard Breakdown Below

	<b>Total</b>
Construction Costs:	\$1,836,722.74
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>

**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	\$23,873.17
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
PER CHANGE ORDER NO. 1				
25 . 9" CONCRETE PAVEMENT - TYPE L65 (COST INCREASE FROM 7" TO 9")	0	LF	5.43	\$0.00
PER CHANGE ORDER NO. 2				
26 . TRAFFIC CIRCLE REINFORCING - NO. 5 BARS @ 2'9" ON CENTER	0	SY	0.97	\$0.00
PER CHANGE ORDER NO. 3				
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				
ADJUSTMENTS	1	LS	\$6,902.36	\$6,902.36
PER CHANGE ORDER NO. 4				
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:** \$410,825.17

**Total Costs:** \$1,384,848.48



**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	\$476,833.14
3.	COMMON EARTH EXCAVATION	6,839	CY	1.94	\$13,268.31
4.	MEDIAN SURFACING	1,656	SF	7.02	\$11,825.12
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	184.30	\$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
33.	ADJUST RCP AND POUR CONCRETE FOR CONNECTION BETWEEN 2 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

<b>Total Soft Costs Paving Boulevard:</b>	<b>\$281,084.46</b>
<b>Total Costs Paving Boulevard:</b>	<b>\$943,583.89</b>
<b>Sarpy County Reimbursable Costs:</b> (50% of Construction, Engineering and Testing)	<b>\$411,482.92</b>
<b>Total Paving Boulevard Costs:</b>	<b>\$532,100.96</b>

**PAVING IN EXCESS OF 6" THICK**

**Assumptions/Comments:**

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

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
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: \$8,365.48  
 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

**PAVING SECTION 1 - GO TOTAL**

Assumptions/Comments:  
 FINAL  
 Paving Minor & Boulevard Breakdown Below

	<b>Total</b>
<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>

**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
PER CHANGE ORDER NO. 1				
25. 9" CONCRETE PAVEMENT - TYPE L65 (COST INCREASE FROM 7" TO 9")	0	LF	5.43	\$0.00
PER CHANGE ORDER NO. 2				
26. TRAFFIC CIRCLE REINFORCING - NO. 5 BARS @ 2'9" ON CENTER	0	SY	0.97	\$0.00
PER CHANGE ORDER NO. 3				
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
PER CHANGE ORDER NO. 4				
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

**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

**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	184.30	\$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
	PER CHANGE ORDER NO. 1				
25 .	9" CONCRETE PAVEMENT - TYPE L65 (COST INCREASE FROM 7" TO 9")	20,518	SY	5.43	\$111,412.74
	PER CHANGE ORDER NO. 2				
26 .	TRAFFIC CIRCLE REINFORCING - NO. 5 BARS @ 2'9" ON CENTER	1,060	SY	0.97	\$1,028.20
	PER CHANGE ORDER NO. 3				
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
	PER CHANGE ORDER NO. 4				
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
33 .	ADJUST RCP AND POUR CONCRETE FOR CONNECTION BETWEEN 2 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: \$4,846.77  
 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  
 (50% of Construction, Engineering and Testing)

**Total Paving Boulevard G.O. Costs:** \$294,246.81

**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)

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1.	1" CONCRETE PAVEMENT	5,480	SY	\$23.23	\$127,309.61

**Estimated Construction Costs:** **\$127,309.61**

**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

**SIDEWALKS**

**Total Project Costs:**

**Assumptions/Comments:**



FINAL  
 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. Final Estimate 11/23/15  
 12/06/16 - updated interest. KS

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1. 5' WIDE 5" THICK CONCRETE SIDEWALK	44,670	SF	2.70	\$120,609.00
2. CONSTRUCT P.C. CONCRETE CURB RAMP (FULL DEPTH)	1,745	SF	7.51	\$13,104.95
3. SUBGRADE PREPARATION	6,948	SY	1.89	\$13,131.72
4. COMMON EARTH EXCAVATION	1365	CY	7.54	\$10,292.10
5. CONSTRUCT DETECTABLE WARNING PANEL	288	SF	14.30	\$4,118.40
6. ADJUST MANHOLE TO GRADE	0	EA	272.00	\$0.00
7. ADJUST WATER VALVE TO GRADE	11	EA	255.00	\$2,805.00
8. SEEDING - TYPE "TEMPORARY"	0	AC	640.00	\$0.00
9. HAY OR STRAW MULCH	0	AC	873.00	\$0.00
10. STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	50	EA	332.00	\$16,600.00
11. 2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP	82	EA	361.00	\$29,602.00
12. "STOP" SIGN (R1-1)(30")	24	EA	163.00	\$3,912.00
13. "YIELD" SIGN (R1-2)(30"X30"X30")	5	EA	163.00	\$815.00
14. SPEED LIMIT SIGN (R2-1)(24"X30")	6	EA	163.00	\$978.00
15. MOVEMENT LEFT TURN ONLY/THRU AND RIGHT SIGN (R3-8L)(36"X30")	1	EA	227.00	\$227.00
16. YIELD AHEAD SIGN (W3-2)(30"X30")	4	EA	173.00	\$692.00
17. "LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30"X30")	1	EA	163.00	\$163.00
18. "KEEP RIGHT" SIGN (R4-7)(18"X24")	15	EA	163.00	\$2,445.00
19. "ONE WAY" SIGN (R6-4)(30"X24")	5	EA	163.00	\$815.00
20. "TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24"X24") WITH PLACARD (W16-12P)(24"X18")	4	EA	204.00	\$816.00
21. "NO OUTLET" SIGN (W14-2)(30"X30")	2	EA	163.00	\$326.00
22. "END" SIGN (R3-17bP)(24"X8")	5	EA	204.00	\$1,020.00
23. "BIKE LANE" SIGN (R3-17)(30"X24")	15	EA	163.00	\$2,445.00
24. "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30")	16	EA	163.00	\$2,608.00
25. DIAGONAL ARROW SIGN (W16-7pL)(24"X12")	14	EA	163.00	\$2,282.00
26. REFLECTIVE DELINEATORS	5	EA	465.00	\$2,325.00
27. AHEAD SIGN (W16-9P)(30"X18")	2	EA	163.00	\$326.00
28. "NO PARKING" SIGN (R7-1D)(24"X30")	11	EA	98.90	\$1,087.90
29. 24" PERMNET PAINTED PAVEMENT MARKING - WHITE	540	LF	3.49	\$1,884.60
30. 5" PERMANENT PAINTED PAVEMENT MARKING - WHITE, DOTTED	250	LF	3.49	\$872.50
31. 5" PERMNET PINTED PAVEMENT MARKING - WHITE	7,850	LF	0.52	\$4,082.00
32. 6" PERMANENT PAINTED PAVEMENT MARKING - WHITE	300	LF	0.87	\$261.00
33. PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE "ONLY"	1	EA	116.00	\$116.00
34. DIRECTIONAL ARROW	2	EA	98.90	\$197.80
35. PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL	34	EA	98.90	\$3,362.60
36. PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW	34	EA	98.90	\$3,362.60
37. PERMANENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD LINE	90.00	LF	\$6.98	\$628.20

**Construction Costs:** \$248,313.37

Soft Costs

Engineering Design & CA	\$51,069.40
Testing	\$2,258.00
Maintenance (Barricades)	\$633.00
Review Fee:	\$2,571.09
Legal:	\$12,415.67
Fiscal:	\$16,267.91
Interest:	\$38,686.01

**Total Estimated Soft Costs:** 50% \$123,901.08

**Total Estimated Costs:** \$372,214.45

**SIDEWALKS G.O.**

**Assumptions/Comments:**



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

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	5' WIDE 5" THICK CONCRETE SIDEWALK	44,670	SF	2.70	\$120,609.00
2.	CONSTRUCT P.C. CONCRETE CURB RAMP (FULL DEPTH)	1,745	SF	7.51	\$13,104.95
3.	SUBGRADE PREPARATION	6,948	SY	1.89	\$13,131.72
4.	COMMON EARTH EXCAVATION	1365	CY	7.54	\$10,292.10
5.	CONSTRUCT DETECTABLE WARNING PANEL	288	SF	14.30	\$4,118.40
6.	ADJUST MANHOLE TO GRADE	0	EA	272.00	\$0.00
7.	ADJUST WATER VALVE TO GRADE	11	EA	255.00	\$2,805.00
8.	SEEDING - TYPE "TEMPORARY"	0	AC	640.00	\$0.00
9.	HAY OR STRAW MULCH	0	AC	873.00	\$0.00
10.	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	50	EA	332.00	\$16,600.00
11.	2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP	82	EA	361.00	\$29,602.00
12.	"STOP" SIGN (R1-1)(30")	24	EA	163.00	\$3,912.00
13.	"YIELD" SIGN (R1-2)(30"x30"x30")	5	EA	163.00	\$815.00
14.	SPEED LIMIT SIGN (R2-1)(24"x30")	6	EA	163.00	\$978.00
15.	MOVEMENT LEFT TURN ONLY/THRU AND RIGHT SIGN (R3-8L)(36"x30")	1	EA	227.00	\$227.00
16.	YIELD AHEAD SIGN (W3-2)(30"x30")	4	EA	173.00	\$692.00
17.	"LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30"x30")	1	EA	163.00	\$163.00
18.	"KEEP RIGHT" SIGN (R4-7)(18"x24")	15	EA	163.00	\$2,445.00
19.	"ONE WAY" SIGN (R6-4)(30"x24")	5	EA	163.00	\$815.00
	"TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24"x24") WITH PLACARD (W16-12P)(24"x18")	4	EA	204.00	\$816.00
21.	"NO OUTLET" SIGN (W14-2)(30"x30")	2	EA	163.00	\$326.00
22.	"END" SIGN (R3-17bP)(24"x8")	5	EA	204.00	\$1,020.00
23.	"BIKE LANE" SIGN (R3-17)(30"x24")	15	EA	163.00	\$2,445.00
24.	"PEDESTRIAN CROSSING" SIGN (W11-2)(30"x30")	16	EA	163.00	\$2,608.00
25.	DIAGONAL ARROW SIGN (W16-7pL)(24"x12")	14	EA	163.00	\$2,282.00
26.	REFLECTIVE DELINEATORS	5	EA	465.00	\$2,325.00
27.	AHEAD SIGN (W16-9P)(30"x18")	2	EA	163.00	\$326.00
28.	"NO PARKING" SIGN (R7-1D)(24"x30")	11	EA	98.90	\$1,087.90
29.	24" PERMNET PAINTED PAVEMENT MARKING - WHITE	540	LF	3.49	\$1,884.60
30.	5" PERMANENT PAINTED PAVEMENT MARKING - WHITE, DOTTED	250	LF	3.49	\$872.50
31.	5" PERMNET PINTED PAVEMENT MARKING - WHITE	7,850	LF	0.52	\$4,082.00
32.	6" PERMANENT PAINTED PAVEMENT MARKING - WHITE	300	LF	0.87	\$261.00
33.	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE "ONLY"	1	EA	116.00	\$116.00
	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE				
34.	DIRECTIONAL ARROW	2	EA	98.90	\$197.80
	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE				
35.	SYMBOL	34	EA	98.90	\$3,362.60
	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE				
36.	ARROW	34	EA	98.90	\$3,362.60
	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD				
37.	LINE	90.00	LF	\$6.98	\$628.20

Construction Costs: \$248,313.37

Soft Costs

Engineering Design & CA	\$51,069.40
Testing:	\$2,258.00
Maintenance (Barricades)	\$633.00
Review Fee:	\$2,571.09
Legal:	\$12,415.67
Fiscal:	\$16,267.91
Interest:	\$38,686.01

Total Soft Costs: 50% \$123,901.08

Total Estimated Costs: \$372,214.45

Total Sarpy County Reimbursable Costs: \$21,571.18

Total Estimated G.O. Costs: \$350,643.27



**LANDSCAPING**

Assumptions/Comments:

 FINAL

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
<b>Construction Costs:</b>				<b>\$78,655.34</b>
<b>Soft Costs</b>				
			<b>Engineering Design &amp; CA</b>	<b>\$10,374.92</b>
			<b>Review Fee:</b>	<b>\$786.55</b>
			<b>Legal:</b>	<b>\$3,932.77</b>
			<b>Fiscal:</b>	<b>\$4,811.43</b>
			<b>Interest:</b>	<b>\$10,986.99</b>
<b>Total Soft Costs:</b>				<b>39% \$30,892.66</b>
<b>Total Costs:</b>				<b>\$109,548.00</b>

**PARKS IMPROVEMENTS (ACQUISITION)**

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>Soft Costs</b>				
			<b>Engineering Design &amp; Construction</b>	
			<b>Admin</b>	<b>\$0.00</b>
			<b>Legal:</b>	<b>\$1,786.76</b>
			<b>Fiscal:</b>	<b>\$4,882.75</b>
			<b>Interest:</b>	<b>\$9,839.92</b>
<b>Total Soft Costs:</b>				<b>\$16,509.43</b>
<b>Total Costs:</b>				<b>\$105,847.43</b>

**LANDSCAPING G.O.**

Assumptions/Comments:



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
<b>Construction Costs:</b>					<b>\$78,655.34</b>
<b>Soft Costs</b>					
Engineering Design & CA					\$10,374.92
Review Fee:					\$786.55
Legal:					\$3,932.77
Fiscal:					\$4,811.43
Interest:					\$10,986.99
<b>Total Soft Costs:</b>					<b>39% \$30,892.66</b>
<b>Total Costs:</b>					<b>\$109,548.00</b>

**PARKS IMPROVEMENTS (ACQUISITION) G.O.**

Assumptions/Comments:



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>					
Engineering Design & Construction					
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>

**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 AND BACKING BLOCK	8	EA	3,485.00	\$27,880.00
9 . CONSTRUCT 6" M.J. GATE VALVE AND BOX	5	EA	820.00	\$4,100.00
10 . CONSTRUCT 8" M.J. GATE VALVE AND BOX	25	EA	1,110.00	\$27,750.00
11 . CONSTRUCT 12" M.J. GATE VALVE AND BOX	26	EA	1,995.00	\$51,870.00
12 . CONSTRUCT 8"x8"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	1	EA	268.00	\$268.00
13 . CONSTRUCT 8"x8"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	2	EA	268.00	\$536.00
14 . CONSTRUCT 12"x12"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	3	EA	410.00	\$1,230.00
15 . CONSTRUCT 12"x12"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	5	EA	420.00	\$2,100.00
16 . CONSTRUCT 12"x12"x12" M.J. TEE ASSEMBLY AND BACKING BLOCK	2	EA	502.00	\$1,004.00
17 . CONSTRUCT 12"x8" CROSS	1	EA	468.00	\$468.00
18 . CONSTRUCT 12"x12" CROSS	1	EA	635.00	\$635.00
19 . CONSTRUCT 12" X 8" REDUCER	2	EA	210.00	\$420.00
20 . CONSTRUCT 12" X 8" REDUCER	2	EA	210.00	\$420.00
21 . CONSTRUCT 6" x 11.25 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	95.00	\$0.00
22 . CONSTRUCT 8" x 11.25 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	95.00	\$0.00
23 . CONSTRUCT 6" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2	EA	285.00	\$570.00
24 . CONSTRUCT 8" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2	EA	198.00	\$396.00
25 . CONSTRUCT 6" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	17	EA	190.00	\$3,230.00
26 . CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	5	EA	335.00	\$1,675.00
27 . CONSTRUCT 6" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	198.00	\$0.00
28 . CONSTRUCT 8" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2	EA	225.00	\$450.00
29 . CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	1	EA	496.00	\$496.00
30 . CONSTRUCT 6" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	8	EA	226.00	\$1,808.00
31 . CONSTRUCT 8" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	2	EA	248.00	\$496.00
32 . CONSTRUCT 12" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	4	EA	560.00	\$2,240.00
33 . CONSTRUCT CHLORINE TUBE	2	EA	1,675.00	\$3,350.00
34 . CLEANOUT SILT FENCE	0	LF	1.00	\$0.00
35 . CLEANOUT SILT BASIN	0	CY	3.15	\$0.00
36 . SEEDING - TYPE "TEMPORARY SEED MIX"	6	AC	600.00	\$3,600.00
37 . STRAW MULCH	0	AC	625.00	\$0.00

Construction Costs: \$561,488.30

Soft Costs

Engineering Design & Construction

Admin	\$118,416.64
Review Fee:	\$6,048.19
Legal:	\$28,074.32
Fiscal:	\$36,141.03
Interest:	\$31,784.12

Total Soft Costs: \$220,462.30

Total Costs: **\$781,948.60**

**CAPITAL FACILITIES CHARGES**

**Assumptions/Comments:**



PER SUBDIVISION AGREEMENT (INCLUDES PHASES 1 AND 2)

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
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:	<u>\$55,004.40</u>

**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	48491	SF
D	609765	SF
<b>TOTAL</b>	<b>16,4556</b>	<b>AC</b>

**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-Invoice 1	1	LS	\$278,595.26	\$278,595.26
2 .	Contribution to City Infrastructure-Invoice 2 (FINAL)	1	LS	\$249,020.70	\$249,020.70

**Estimated Construction Costs:** \$527,615.96

**Estimated Soft Costs**

<b>Legal:</b>	\$10,552.33
<b>Fiscal:</b>	\$27,427.18
<b>Interest:</b>	\$37,056.29
<b>Duration (Months)</b>	

**Total Estimated Soft Costs:** \$75,035.80

**Total Estimated Costs:** \$602,651.76

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

	Bid Item Description	Approximate		Unit Price	8" Main Baseline Cost	Cost Difference	G.O Amount
		Quantity	Unit				
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. Final Invoice recommendation 8/1/17.

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1 .	Contribution to City Infrastructure-Invoice 1	1	LS	\$278,595.26	\$278,595.26
	Contribution to City Infrastructure-Invoice 2 (FINAL)	1	LS	\$249,020.70	\$249,020.70

**Estimated Construction Costs:** \$527,615.96

Estimated Soft Costs

Legal: \$10,552.33  
 Fiscal: \$27,427.18  
 Interest: \$37,056.29  
 Duration (Months)

**Total Estimated Soft Costs:** \$75,035.80

**Total Estimated Costs:** \$602,651.76

**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. FINAL ESTIMATE 11/23/15

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	50	EA	\$332.00	\$16,600.00
2 . 2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP	82	EA	\$361.00	\$29,602.00
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")	2	EA	\$163.00	\$326.00
13 . "END" SIGN (R3-17bP)(24" X 8")	5	EA	\$204.00	\$1,020.00
14 . "BIKE LANE" SIGN (R3-17)(30"X24")	15	EA	\$163.00	\$2,445.00
15 . "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30")	16	EA	\$163.00	\$2,608.00
16 . DIAGONAL ARROW SIGN (W16-7pL)(24"X12")	14	EA	\$163.00	\$2,282.00
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")	11.00	EA	\$98.90	\$1,087.90
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	7,850	LF	\$0.52	\$4,082.00
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	34	EA	\$98.90	\$3,362.60
PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE				
27 . ARROW	34	EA	\$98.90	\$3,362.60
PERMANENT PAINTED PAVEMENT MARKING SYMBOL -YELLOW YIELD				
28 . LINE	90	LF	\$6.98	\$628.20
CONTINGENCY	0%		\$84,252.20	\$0.00

**Estimated Construction Costs:** \$84,252.20

Estimated Soft Costs

<b>Engineering Design &amp; Construction</b>	
Admin	\$16,759.85
Geotechnical and Testing:	\$766.13
Legal:	\$4,212.61
Fiscal:	\$5,519.67
Interest:	\$13,126.08
Duration (Months)	

**Total Estimated Soft Costs:** 48% \$40,384.34

**Total Estimated Costs:** \$124,636.54

**SIGNAGE G.O.**

**Assumptions/Comments:**

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

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1.	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	50	EA	\$332.00	\$16,600.00
2.	2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP	82	EA	\$361.00	\$29,602.00
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
11.	"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")	2	EA	\$163.00	\$326.00
13.	"END" SIGN (R3-17bP)(24" X 8")	5	EA	\$204.00	\$1,020.00
14.	"BIKE LANE" SIGN (R3-17)(30"X24")	15	EA	\$163.00	\$2,445.00
15.	"PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30")	16	EA	\$163.00	\$2,608.00
16.	DIAGONAL ARROW SIGN (W16-7pL)(24"X12")	14	EA	\$163.00	\$2,282.00
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")	11	EA	\$98.90	\$1,087.90
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	7850	LF	\$0.52	\$4,082.00
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
25.	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIRECTIONAL ARROW	2	EA	\$98.90	\$197.80
26.	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL	34	EA	\$98.90	\$3,362.60
27.	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW	34	EA	\$98.90	\$3,362.60
28.	PERMANENT PAINTED PAVEMENT MARKING SYMBOL -YELLOW YIELD LINE	90	LF	\$6.98	\$628.20
	CONTINGENCY	0%		\$84,252.20	\$0.00

**Estimated Construction Costs: \$84,252.20**

**Estimated Soft Costs**

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$16,759.85
Geotechnical and Testing:	\$766.13
Legal:	\$4,212.61
Fiscal:	\$5,519.67
Interest:	\$13,126.08
Duration (Months)	

**Total Estimated Soft Costs: 48% \$40,384.34**

**Total Estimated Costs: \$124,636.54**



**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. Sarpy County only pays 50% of construction, engineering and testing.

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
<b>SIGNS</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")	7 EA		\$163.00	\$1,141.00
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
11 .	"TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24" X 24") WITH PLACARD (W16-12P)(24" X 18")	3 EA		\$204.00	\$612.00
12 .	"NO OUTLET" SIGN (W14-2)(30" X 30")	2 EA		\$163.00	\$326.00
13 .	"END" SIGN (R3-17bP)(24" X 8")	4 EA		\$204.00	\$816.00
14 .	"BIKE LANE" SIGN (R3-17)(30"X24")	13 EA		\$163.00	\$2,119.00
15 .	"PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30")	16 EA		\$163.00	\$2,608.00
16 .	DIAGONAL ARROW SIGN (W16-7pL)(24"X12")	14 EA		\$163.00	\$2,282.00
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")	9 EA		\$98.90	\$890.10
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	6100 LF		\$0.52	\$3,172.00
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
25 .	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIRECTIONAL ARROW	2 EA		\$98.90	\$197.80
26 .	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL	26 EA		\$98.90	\$2,571.40
27 .	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW	26 EA		\$98.90	\$2,571.40

Estimated Construction Costs: \$35,977.80  
42.7%

**Estimated Soft Costs**


Engineering Design, Testing and Construction Administration: \$7,164.56  
 Legal: \$0.00  
 Fiscal: \$0.00  
 Interest: \$0.00  
 Duration (Months)

Total Estimated Soft Costs: 20% \$7,164.56

Total Estimated Costs: \$43,142.36


Sarpy County Reimbursable Costs: \$21,571.18  
(50% of Construction, Engineering and Testing)

**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>				<b>\$165,440.00</b>
<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>				<b>\$63,928.03</b>
<b>Total Costs:</b>				<b>\$229,368.03</b>

**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>				<b>\$71,750.00</b>
<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>				<b>\$21,797.01</b>
<b>Total Costs:</b>				<b>\$93,547.01</b>

**CIVIL DEFENSE SIREN**

Assumptions/Comments:  


	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 .	50% SID 290 COST	1	LS	\$22,723.35	\$22,723.35

**Estimated Construction Costs:** \$22,723.35

**Estimated Soft Costs**

**Engineering Design, Construction**

2.00% Admin, Geotechnical & Testing	\$454.47
2.00% Legal:	\$454.47
5.00% Fiscal:	\$1,181.61
7.00% Interest:	\$868.49
6 Duration (Months)	

**Total Estimated Soft Costs:** 13% \$2,959.03

**Total Estimated Costs:** \$25,682.38

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

North Shore Phase 2

0112044.22-030

SID No.: 292

6/19/2019

# 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	8776	LF	\$247,856.35	\$400,053.74	\$0.00	\$400,053.74	\$0.00	\$0.00
<b>STORM SEWER</b>								
	1753	LF	\$84,100.43	\$140,610.85	\$140,610.85	\$0.00	\$0.00	\$0.00
<b>PAVING</b>								
Minor	19053	SY	\$613,586.65	\$878,601.32	\$238,339.82	\$640,261.50	\$0.00	\$0.00
Comhusker Road	9148	SY	\$722,142.45	\$1,047,329.09	\$575,338.86	\$0.00	\$182,069.26	\$289,920.97
<b>SIDEWALKS</b>								
	0	SF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>WATER</b>								
Interior	6702	LF	\$354,651.60	\$506,783.62	\$91,345.14	\$415,438.48	\$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	\$101,560.00	\$140,543.40	\$0.00	\$140,543.40	\$0.00	\$0.00
<b>SIGNAGE (General Fund)</b>								
			\$27,154.24	\$27,154.24	\$27,154.24	\$0.00	\$0.00	\$0.00

<b>Total</b>	<b>\$2,151,051.72</b>	<b>\$3,141,076.26</b>	<b>\$1,072,788.91</b>	<b>\$1,596,297.12</b>	<b>\$182,069.26</b>	<b>\$289,920.97</b>
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Residential Valuator	112	Lots	\$40,992,000.00	Debt Ratio (95% Valuation):	<b>2.75%</b>
Total Valuation			\$40,992,000.00		
95% Valuation			\$38,942,400.00		

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# DEBT RATIO

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## ASSUMPTIONS

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

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

## ASSESSABLE VALUATION

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Residential Lot	<input type="text" value="112"/>	Units =	\$50,000.00 =	\$5,600,000.00	
Residential Improvement	<input type="text" value="112"/>	Units =	\$316,000.00 =	\$35,392,000.00	
				Total 100% Valuation =	\$40,992,000.00
				Total 95% Valuation =	\$38,942,400.00
				DEBT RATIO =	<input type="text" value="2.75%"/>

**SANITARY SEWER - INTERIOR**

Sanitary & Storm, Section 2

Sanitary %  
Storm %

**Construction Costs:**  
75% Engineering Design & Const Admin:  
25% Testing:  
Review Fee:  
Legal:  
Fiscal:  
Interest:

Assumptions/Comments:



UPDATED PER FINAL ESTIMATE

**Total Project Costs:**

	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	4	EA	\$79.00	\$316.00
3	CONSTRUCT 6" SANITARY SEWER PIPE	3,402	LF	\$14.50	\$49,329.00
4	CONSTRUCT 8" SANITARY SEWER PIPE	5,374	LF	\$14.80	\$79,535.20
	CONSTRUCT 54" I.D. SANITARY MANHOLE (23 EACH)	271	VF	\$267.00	\$72,357.00
5					
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	3,402	LF	\$4.00	\$13,808.00
9	CONSTRUCT 8" PIPE BEDDING	5,374	LF	\$4.10	\$22,033.40
	CONNECT 8" SANITARY SEWER PIPE TO EXISTING SANITARY SEWER PIPE	1	EA	\$289.00	\$289.00
10					
11	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	0	TN	\$25.00	\$0.00
12	SEEDING - TYPE "TEMPORARY SEED MIX"	0	AC	\$549.00	\$0.00
13	HAY OR STRAW MULCH	0	AC	\$601.00	\$0.00
14	CONSTRUCT SILT FENCE	42	LF	\$2.50	\$105.00
15	CLEANOUT SILT FENCE	0	LF	\$1.20	\$0.00
16	CLEANOUT SILT BASIN	0	CY	\$3.00	\$0.00
17	CONSTRUCT ROCK ACCESS ROAD	0	TN	\$18.50	\$0.00
	ADD PER CHANGE ORDER NO. 1				
18	CONCRETE WASHOUT PIT RELOCATION	1	LS	\$750.00	\$750.00
19	DAMAGED MANHOLE REPAIR	1	LS	\$1,289.75	\$1,289.75

**Actual Construction Costs:** \$247,856.35

**Soft Costs**

Engineering, Construction Administration: \$55,860.00  
Testing: \$19,364.30  
Review Fee: \$2,681.96  
Legal: \$12,448.37  
Fiscal: \$17,092.32  
Interest: \$44,750.44

**Total Soft Costs:** \$152,197.39

**Total Costs:** \$400,053.74

**STORM SEWER**

Assumptions/Comments:



UPDATED PER FINAL ESTIMATE

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 .	REMOVE EXISTING 72" TYPE II AREA INLET AND CONVERT TO 72" I.D 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	832	LF	\$25.80	\$21,465.60
4 .	CONSTRUCT 24" R.C.P., CLASS III	649	LF	\$35.70	\$23,169.30
5 .	CONSTRUCT 30" R.C.P., CLASS III	179	LF	\$49.30	\$8,824.70
6 .	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	93	LF	\$64.85	\$6,031.05
7 .	CONSTRUCT 54" I.D. MANHOLE	19	VF	\$376.00	\$7,144.00
8 .	CONSTRUCT 66" I.D. MANHOLE	8	VF	\$517.00	\$3,877.50
9 .	CONSTRUCT 18" PIPE BEDDING	832	LF	\$3.80	\$3,161.60
10 .	CONSTRUCT 24" PIPE BEDDING	649	LF	\$4.00	\$2,596.00
11 .	CONSTRUCT 30" PIPE BEDDING	179	LF	\$5.00	\$895.00
12 .	CONSTRUCT 36" PIPE BEDDING	93	LF	\$5.60	\$520.80
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	0	TN	\$20.00	\$0.00
15 .	CONSTRUCT ROCK RIP-RAP - TYPE "C"	26	TN	\$44.00	\$1,122.88
16 .	ROLLED EROSION CONTROL MATTING - TYPE II	0	SY	\$2.50	\$0.00

Actual Construction Costs: \$84,100.43

Soft Costs

<b>Engineering, Construction Administration:</b>		<b>\$30,033.04</b>
Testing:		\$450.00
Review Fee:		\$893.99
Legal:		\$4,149.48
Fiscal:		\$5,799.61
Interest:		<u>\$15,184.32</u>

Total Soft Costs: \$58,510.42

Total Costs: **\$140,610.85**



**STORM SEWER G.O.**

**Assumptions/Comments:**



100% OF THE STORM SEWER PROJECT MAY BE A SPECIAL ASSESSMENT AGAINST THE PROPERTY BENEFITTED.

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	REMOVE EXISTING 72" TYPE II AREA INLET AND CONVERT TO 72" I.D 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	832	LF	\$25.80	\$21,465.60
4	CONSTRUCT 24" R.C.P., CLASS III	649	LF	\$35.70	\$23,169.30
5	CONSTRUCT 30" R.C.P., CLASS III	179	LF	\$49.30	\$8,824.70
6	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	93	LF	\$64.85	\$6,031.05
7	CONSTRUCT 54" I.D. MANHOLE	19	VF	\$376.00	\$7,144.00
8	CONSTRUCT 66" I.D. MANHOLE	8	VF	\$517.00	\$3,877.50
9	CONSTRUCT 18" PIPE BEDDING	832	LF	\$3.80	\$3,161.60
10	CONSTRUCT 24" PIPE BEDDING	649	LF	\$4.00	\$2,596.00
11	CONSTRUCT 30" PIPE BEDDING	179	LF	\$5.00	\$895.00
12	CONSTRUCT 36" PIPE BEDDING	93	LF	\$5.60	\$520.80
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	0	TN	\$20.00	\$0.00
15	CONSTRUCT ROCK RIP-RAP - TYPE "C"	28	TN	\$44.00	\$1,122.88
16	ROLLED EROSION CONTROL MATTING - TYPE II	0	SY	\$2.50	\$0.00

Actual Construction Costs: \$84,100.43

**Soft Costs**

<b>Engineering, Construction</b>	
Administration:	\$30,033.04
Testing:	\$450.00
Review Fee:	\$893.99
Legal:	\$4,149.46
Fiscal:	\$5,799.61
Interest:	<u>\$15,184.32</u>

Total Estimated Soft Costs: 67% \$56,510.42

Total Estimated Costs: \$140,610.85

**PAVING MINOR**

Assumptions/Comments:

- ↪ UPDATED WITH QUANTITIES FROM MARK T.
- ↪ UPDATED PER FINAL ESTIMATE 11/29/2018.

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1. REMOVE END OF ROAD BARRICADE	0	EA	\$0.27	\$0.00
2. 7" CONCRETE PAVEMENT - TYPE L65	19,053	SY	\$27.31	\$520,337.43
3. COMMON EARTH EXCAVATION	6,351	EA	\$2.01	\$12,765.51
4. CONSTRUCT 5" CONCRETE SIDEWALK	0	SF	\$1.80	\$0.00
5. SUBGRADE PREPARATION	0	SY	\$3.90	\$0.00
6. ADJUST MANHOLE TO GRADE	28	EA	\$182.50	\$4,550.00
7. CONSTRUCT EXTERNAL FRAME SEAL	28	EA	\$370.50	\$10,374.00
8. CONSTRUCT CURB INLET	18	EA	\$2,484.68	\$39,434.58
9. BARRICADES - TYPE II	0	BD	\$0.38	\$0.00
10. BARRICADES - TYPE III	0	BD	\$1.64	\$0.00
11. SEEDING - TYPE "TEMPORARY SEED MIX"	0	AC	\$281.80	\$0.00
12. STRAW MULCH	0	AC	\$534.10	\$0.00
13. CONSTRUCT SILT FENCE	0	LF	\$2.23	\$0.00
14. CLEANOUT SILT FENCE	0	LF	\$3.05	\$0.00
15. CLEANOUT SILT BASIN	0	CY	\$10.90	\$0.00
16. JET EXISTING SEWER	5,480	LF	\$1.11	\$6,080.80
ADD PER CHANGE ORDER NO. 1				
17. CONSTRUCT MEDIAN SURFACING	2,569	SF	\$7.02	\$18,034.38
ADD PER CHANGE ORDER NO. 3				
18. MODIFY MANHOLE	1	LS	\$1,880.17	\$1,880.17
ADD PER CHANGE ORDER NO. 4				
19. CONSTRUCT CONCRETE RING COLLAR	1	EA	\$350.00	\$350.00

Construction Costs: \$613,586.65

Soft Costs

Engineering, Construction Administration:	\$117,479.97
Testing:	\$8,271.00
Review Fee:	\$8,107.98
Legal:	\$30,879.34
Fiscal:	\$38,806.25
Interest:	\$83,870.15

Total Estimated Soft Costs: 43% \$265,014.67

Total Estimated Costs: \$878,601.32

**PAVING IN EXCESS OF 6" THICK**

A

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1. 1" CONCRETE PAVEMENT	2,503	SY	\$27.31	\$68,364.73
CONTINGENCY	0%		\$68,364.73	\$0.00

Estimated Construction Costs: \$68,364.73

Estimated Soft Costs

Engineering Design and Construction Administration:	\$0.00
Legal:	\$3,418.24
Fiscal:	\$3,589.15
Interest:	\$3,957.04
Duration (Months)	

Total Estimated Soft Costs: 18% \$10,964.42

Total Estimated Costs: \$79,329.15

FORMULA : PAVEMENT MINOR QUANTITY 19,053  
 - G.O. PAVEMENT MINOR QUANTITY 1,530  
 ----- 17,523  
 Pavement SY X (1/7") = 1" Pavement SY 2,503

**PAVING MINOR G.O.**

Assumptions/Comments:



Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1. REMOVE END OF ROAD BARRICADE	0	EA	\$0.27	\$0.00
2. 7" CONCRETE PAVEMENT - TYPE L65	1,530	SY	\$27.31	\$41,784.30
3. COMMON EARTH EXCAVATION	510	EA	\$2.01	\$1,025.10
4. CONSTRUCT 5" CONCRETE SIDEWALK	0	SF	\$1.80	\$0.00
5. SUBGRADE PREPARATION	0	SY	\$3.90	\$0.00
6. ADJUST MANHOLE TO GRADE	5	EA	\$162.50	\$812.50
7. CONSTRUCT EXTERNAL FRAME SEAL	5	EA	\$370.50	\$1,852.50
8. CONSTRUCT CURB INLET	28	EA	\$2,464.66	\$69,010.48
9. BARRICADES - TYPE II	0	BD	\$0.38	\$0.00
10. BARRICADES - TYPE III	0	BD	\$1.64	\$0.00
11. SEEDING - TYPE "TEMPORARY SEED MIX"	0	AC	\$261.60	\$0.00
12. STRAW MULCH	0	AC	\$534.10	\$0.00
13. CONSTRUCT SILT FENCE	0	LF	\$2.23	\$0.00
14. CLEANOUT SILT FENCE	0	LF	\$3.05	\$0.00
15. CLEANOUT SILT BASIN	0	CY	\$10.90	\$0.00
16. JET EXISTING SEWER	0	LF	\$1.11	\$0.00
17. ADD PER CHANGE ORDER NO. 1 CONSTRUCT MEDIAN SURFACING	0	SF	\$7.02	\$0.00
18. ADD PER CHANGE ORDER NO. 3 MODIFY MANHOLE	1	LS	\$1,680.17	\$1,680.17
19. ADD PER CHANGE ORDER NO. 4 CONSTRUCT CONCRETE RING COLLAR	1	EA	\$350.00	\$350.00

Construction Costs: \$116,515.05

**Soft Costs**

Engineering, Construction Administration:	\$14,479.99
Testing:	\$1,570.59
Review Fee:	\$1,159.85
Legal:	\$5,825.75
Fiscal:	\$7,368.99
Interest:	\$12,090.44

Total Soft Costs: 36% \$42,495.61

Total Costs: \$159,010.66

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

Assumptions/Comments:



Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1. 1" CONCRETE PAVEMENT	2,503	SY	\$27.31	\$68,364.73
CONTINGENCY	0%		\$68,364.73	\$0.00

Estimated Construction Costs: \$68,364.73

**Estimated Soft Costs**

Engineering Design and Legal:	\$0.00
Legal:	\$3,418.24
Fiscal:	\$3,589.15
Interest:	\$3,957.04
Duration (Months)	

Total Estimated Soft Costs: 16% \$10,964.42

Total Estimated Costs: \$79,329.15

FORMULA : PAVEMENT MINOR QUANTITY 19,053  
 - G.O. PAVEMENT MINOR QUANTITY 1,530  
 17,523  
 Pavement SY X (1/7") = 1" Pavement SY 2,503

**PAVING MAJOR CORNHUSKER ROAD**

Assumptions/Comments:



FINAL

	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	\$1,028.78
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	403	SY	9.73	\$3,921.19
12.	REMOVE SIDEWALK	21	SF	4.58	\$96.18
13.	SAW CUT - FULL DEPTH	45	LF	11.70	\$526.50
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)	11,758	CY	6.13	\$72,076.54
17.	EARTHWORK (UNSUITABLE EXCAVATION)	465	CY	9.81	\$4,561.65
18.	EXPLORATORY EXCAVATION	6	HR	163.50	\$981.00
19.	9" CONCRETE PAVEMENT - TYPE L65	977	SY	39.43	\$38,523.11
20.	7" CONCRETE PAVEMENT - TYPE L65	8,165	SY	28.44	\$232,212.60
21.	7" CONCRETE DRIVEWAY - TYPE L65	465	SY	29.49	\$13,712.85
22.	CONSTRUCT 5" CONCRETE SIDEWALK	12,972	SF	3.38	\$43,845.36
23.	CONSTRUCT CONCRETE CURB RAMP	495	SF	22.09	\$10,934.55
24.	MEDIAN SURFACING	0	SF	29.92	\$0.00
25.	CONSTRUCT MEDIAN NOSE	1	EA	1,040.00	\$1,040.00
26.	CRUSHED ROCK FOR SURFACING	899	TON	27.38	\$24,605.31
27.	CONCRETE HEADER	112	LF	10.40	\$1,164.80
28.	CONSTRUCT END OF STREET BARRICADE	1	EA	893.80	\$893.80
29.	CONSTRUCT THICKENED EDGE PAVEMENT	273	LF	10.40	\$2,839.20
30.	CONSTRUCT 4-STRAND BARBED WIRE FENCE	201	LF	11.99	\$2,409.99
31.	CONSTRUCT 3" WOVEN WIRE FENCE	0	LF	6.54	\$0.00
32.	PCC-LINED FLUME	10	LF	130.00	\$1,300.00
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	\$6,918.05
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	20	VF	644.19	\$12,883.80
41.	CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE	0	EA	4,109.30	\$0.00
42.	ADJUST MANHOLE TO GRADE	4	EA	162.50	\$650.00
43.	EXTERNAL FRAME SEAL	2	EA	370.50	\$741.00
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	0	TN	19.89	\$0.00
48.	CONSTRUCT ROCK RIP-RAP - TYPE "A"	57	TON	53.41	\$3,044.37
49.	SEEDING - TYPE "B"	2.9	AC	1,297.10	\$3,761.59
50.	CONSTRUCT SILT FENCE	608	LF	2.23	\$1,355.84
51.	ROLLED EROSION CONTROL, TYPE II	14,137	SY	1.31	\$18,519.47
52.	EROSION CHECKS, WATTLE	0	LF	2.51	\$0.00
53.	PERMANENT ROLLED EROSION CONTROL	0	SY	4.80	\$0.00
54.	5" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID	80	LF	3.54	\$283.20
55.	5" PREFORMED PAVEMENT MARKING TAPE, GROOVED - YELLOW SOLID	5,370	LF	3.41	\$18,311.70
56.	12" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID	27	LF	16.35	\$441.45
57.	24" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID	64	LF	21.26	\$1,360.64
58.	12" PAINTED PAVEMENT MARKING - WHITE SOLID	24	LF	7.63	\$183.12
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	2	EA	223.45	\$446.90

64	BARRICADE - TYPE II	600	BDAY	0.65	\$390.00
65	BARRICADE - TYPE III	900	BDAY	3.00	\$2,700.00
66	WARNING SIGNS	600	SDAY	1.09	\$654.00
67	CONSTRUCT AND REMOVE TEMPORARY ROCK ACCESS ROAD ADD PER CHANGE ORDER NO. 2	1,000	SY	7.36	\$7,360.00
68	REMOBILIZATION ADD PER CHANGE ORDER NO. 4	1	LS	17,500.00	\$17,500.00
69	PROVIDE AND INSTALL RED SUNSET MAPLE	4	EA	\$449.40	\$1,797.60
70	PROVIDE AND INSTALL NORTHERN RED OAK	4	EA	\$453.60	\$1,814.40
71	PROVIDE AND INSTALL FAT ALBERT BLUE SPRUCE	8	EA	\$555.45	\$4,443.60
72	CONCRETE MATERIAL PRICE INCREASE	1	LS	\$11,330.61	\$11,330.61
73	PIPE MATERIAL PRICE INCREASE ADD PER CHANGE ORDER NO. 5	1	LS	\$8,865.15	\$8,865.15
74	HAUL OFF ADD PER CHANGE ORDER NO. 6	2,243	CY	\$10.29	\$23,080.47
75	EXCAVATE DITCH TO DRAIN SITE	1	LS	\$250.00	\$250.00
76	ADJUST SLOP FROM 3:1 TO 2:1	1	LS	\$2,870.00	\$2,870.00
77	TEMPORARY MAILBOX	1	EA	\$275.00	\$275.00
78	CURB INLET FILTERS	9	EA	\$160.00	\$1,440.00
79	TURF SEED	1	AC	\$2,440.55	\$2,440.55
80	STRAW MULCH	1	AC	\$534.10	\$534.10
81	REMOVE BRICK PILLARS	1	LS	\$2,680.00	\$2,680.00
Easement Acquisition					
82	WEAK LIVING TRUST	1	LS	\$4,200.00	\$4,200.00
83	THOMAS D. OLTMAN	1	LS	\$5,477.50	\$5,477.50
84	THOMAS D. OLTMAN	1	LS	\$9,518.00	\$9,518.00
CONTINGENCY		0%		\$722,142.45	\$0.00

**Estimated Construction Costs:** \$722,142.45

**Estimated Soft Costs**

Engineering, Construction Administration:	\$196,665.37
Testing	\$5,735.00
Review Fee	\$6,383.18
Legal:	\$36,107.13
Fiscal:	\$48,351.68
Interest:	\$31,944.28
Duration (Months)	

**Total Estimated Soft Costs:** 45% \$325,186.64

**Total Estimated Costs:** \$1,047,329.09

<b>Estimated 1/3 Sarpy County Contribution</b>	
1/3 Estimated Construction Costs (less sidewalks)	\$222,454.18
1/3 Estimated Design, CA & Testing	\$67,466.79
<b>Total Estimated Sarpy County Reimbursable</b>	<b>\$289,920.97</b>
<b>Estimated 1/3 Contribution North Shore SID General Obligation</b>	<b>\$378,704.06</b>
<b>Estimated 1/3 Future Contribution SID 292 &amp; Undeveloped Ground North of Cornhusker</b>	
Future SID Contribution 48%	\$182,069.26
North Shore Phase 3 Contribution 52%	\$196,834.80
<b>SID 292 Total Contribution</b>	<b>\$575,338.86</b>

**PAVING MAJOR - GO**

Assumptions/Comments:



FINAL

	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	403	SY	\$9.73	\$3,921.19
12 .	REMOVE SIDEWALK	21	SF	\$4.58	\$96.18
13	SAW CUT - FULL DEPTH	45	LF	\$11.70	\$526.50
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)	11,758	CY	\$6.13	\$72,076.54
17	EARTHWORK (UNSUITABLE EXCAVATION)	465	CY	\$9.81	\$4,561.65
18 .	EXPLORATORY EXCAVATION	6	HR	\$163.50	\$981.00
19	9" CONCRETE PAVEMENT - TYPE L65	977	SY	\$39.43	\$38,523.11
20 .	7" CONCRETE PAVEMENT - TYPE L65	8,165	SY	\$28.44	\$232,212.60
21	7" CONCRETE DRIVEWAY - TYPE L65	465	SY	\$29.49	\$13,712.85
22 .	CONSTRUCT 5" CONCRETE SIDEWALK	12,972	SF	\$3.38	\$43,845.36
23 .	CONSTRUCT CONCRETE CURB RAMP	495	SF	\$22.09	\$10,934.55
24 .	MEDIAN SURFACING	0	SF	\$29.92	\$0.00
25 .	CONSTRUCT MEDIAN NOSE	1	EA	\$1,040.00	\$1,040.00
26	CRUSHED ROCK FOR SURFACING	899	TON	\$27.38	\$24,605.31
27 .	CONCRETE HEADER	112	LF	\$10.40	\$1,164.80
28 .	CONSTRUCT END OF STREET BARRICADE	1	EA	\$893.80	\$893.80
29 .	CONSTRUCT THICKENED EDGE PAVEMENT	273	LF	\$10.40	\$2,839.20
30 .	CONSTRUCT 4-STRAND BARBED WIRE FENCE	201	LF	\$11.99	\$2,409.99
31 .	CONSTRUCT 3' WOVEN WIRE FENCE	0	LF	\$6.54	\$0.00
32 .	PCC-LINED FLUME	10	LF	\$130.00	\$1,300.00
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	20	VF	\$644.19	\$12,883.80
41 .	CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE	0	EA	\$4,109.30	\$0.00
42	ADJUST MANHOLE TO GRADE	4	EA	\$162.50	\$650.00
43 .	EXTERNAL FRAME SEAL	2	EA	\$370.50	\$741.00
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	0	TN	\$19.89	\$0.00
48 .	CONSTRUCT ROCK RIP-RAP - TYPE "A"	57	TON	\$53.41	\$3,044.37
49 .	SEEDING - TYPE "B"	3	AC	\$1,297.10	\$3,761.59
50 .	CONSTRUCT SILT FENCE	608	LF	\$2.23	\$1,355.84
51 .	ROLLED EROSION CONTROL, TYPE II	14,137	SY	\$1.31	\$18,519.47
52 .	EROSION CHECKS, WATTLE	0	LF	\$2.51	\$0.00
53 .	PERMANENT ROLLED EROSION CONTROL	0	SY	\$4.80	\$0.00
54 .	5" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID	80	LF	\$3.54	\$283.20
55 .	5" PREFORMED PAVEMENT MARKING TAPE, GROOVED - YELLOW SOLID	5,370	LF	\$3.41	\$18,311.70
56 .	12" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID	27	LF	\$16.35	\$441.45
57 .	24" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID	64	LF	\$21.26	\$1,360.64
58 .	12" PAINTED PAVEMENT MARKING - WHITE SOLID	24	LF	\$7.63	\$183.12
59 .	24" PAINTED PAVEMENT MARKING - WHITE SOLID	80	LF	\$7.09	\$567.20
	PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL, GROOVED - WHITE				
60 .	DIRECTIONAL ARROW	1	EA	\$256.15	\$256.15
	PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL, GROOVED - WHITE				
61 .	"ONLY"	1	EA	\$272.50	\$272.50
62 .	PAINT MEDIAN NOSE	1	EA	\$54.50	\$54.50
63 .	INSTALL STOP SIGN	2	EA	\$223.45	\$446.90
64 .	BARRICADE - TYPE II	600	BDAY	\$0.65	\$390.00
65 .	BARRICADE - TYPE III	900	BDAY	\$3.00	\$2,700.00

66	WARNING SIGNS	600	SDAY	\$1.09	\$654.00
67	CONSTRUCT AND REMOVE TEMPORARY ROCK ACCESS ROAD ADD PER CHANGE ORDER NO. 2	1,000	SY	\$7.36	\$7,360.00
68	REMOBILIZATION ADD PER CHANGE ORDER NO. 4	1	LS	\$17,500.00	\$17,500.00
69	PROVIDE AND INSTALL RED SUNSET MAPLE	4	EA	\$449.40	\$1,797.60
70	PROVIDE AND INSTALL NORTHERN RED OAK	4	EA	\$453.60	\$1,814.40
71	PROVIDE AND INSTALL FAT ALBERT BLUE SPRUCE	8	EA	\$555.45	\$4,443.60
72	CONCRETE MATERIAL PRICE INCREASE	1	LS	\$11,330.61	\$11,330.61
73	PIPE MATERIAL PRICE INCREASE ADD PER CHANGE ORDER NO. 5	1	LS	\$8,865.15	\$8,865.15
74	HAUL OFF ADD PER CHANGE ORDER NO. 6	2,243	CY	\$10.29	\$23,080.47
75	EXCAVATE DITCH TO DRAIN SITE	1	LS	\$250.00	\$250.00
76	ADJUST SLOP FROM 3:1 TO 2:1	1	LS	\$2,870.00	\$2,870.00
77	TEMPORARY MAILBOX	1	EA	\$275.00	\$275.00
78	CURB INLET FILTERS	9	EA	\$160.00	\$1,440.00
79	TURF SEED	1	AC	\$2,440.55	\$2,440.55
80	STRAW MULCH	1	AC	\$534.10	\$534.10
81	REMOVE BRICK PILLARS	1	LS	\$2,680.00	\$2,680.00
Easement Acquisition					
82	WEAK LIVING TRUST	1	LS	\$4,200.00	\$4,200.00
83	THOMAS D. OLTMAN	1	LS	\$5,477.50	\$5,477.50
84	THOMAS D. OLTMAN	1	LS	\$9,518.00	\$9,518.00
CONTINGENCY					
				0%	\$722,142.45

**Estimated Construction Costs:** \$722,142.45

**Estimated Soft Costs**

Engineering, Construction Administration and Testing:	\$196,665.37
Testing	\$5,735.00
Review Fee	\$6,383.18
Legal:	\$36,107.13
Fiscal:	\$48,351.68
Interest:	\$31,944.28
Duration (Months)	

**Total Estimated Soft Costs:** 45% \$325,186.64

**Total Estimated Costs:** \$1,047,329.09

<b>Estimated 1/3 Sarpy County Contribution</b>	
1/3 Estimated Construction Costs (Less Sidewalk Costs)	\$222,454.18
1/3 Estimated Design & CA	\$67,466.79
<b>Total Estimated Sarpy County Reimbursable</b>	<b>\$289,920.97</b>
<b>Estimated 1/3 Contribution North Shore SID General Obligation</b>	<b>\$378,704.06</b>
<b>Estimated 1/3 Future Contribution SID North of Cornhusker</b>	
Future SID Contribution 48%	\$182,069.26
North Shore Phase 3 Contribution 52%	\$196,634.80
<b>SID 292 Total Contribution</b>	<b>\$575,338.86</b>

**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% Administration and Testing:					\$0.00
5.00% Legal:					\$0.00
5.00% Fiscal:					\$0.00
7.00% Interest:					\$0.00
12 Duration (Months)					
<b>Total Estimated Soft Costs:</b>					0% <b>\$0.00</b>
<b>Total Estimated Costs:</b>					<b>\$0.00</b>



**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

**WATER INTERIOR**

Assumptions/Comments:



UPDATED PER FINAL ESTIMATE

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	REMOVE 12" PLUG	1	EA	\$1,261.00	\$1,261.00
	REMOVE END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND BACKING BLOCK	2	EA	\$1,648.00	\$3,292.00
3.	CONSTRUCT 6" WATER MAIN	805	LF	\$24.00	\$19,320.00
4.	CONSTRUCT 8" WATER MAIN	2,576	LF	\$28.40	\$73,158.40
5.	CONSTRUCT 12" WATER MAIN	3,293	LF	\$42.20	\$138,964.60
6.	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	12	EA	\$3,908.00	\$46,896.00
	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND BACKING BLOCK	2	EA	\$3,858.00	\$7,716.00
8.	CONSTRUCT 6" M.J. GATE VALVE AND BOX	2	EA	\$901.00	\$1,802.00
9.	CONSTRUCT 8" M.J. GATE VALVE AND BOX	12	EA	\$1,181.00	\$14,172.00
10.	CONSTRUCT 12" M.J. GATE VALVE AND BOX	16	EA	\$2,148.00	\$34,336.00
11.	CONSTRUCT 8"x8"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	1	EA	\$319.00	\$319.00
12.	CONSTRUCT 8"x8"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	1	EA	\$350.00	\$350.00
13.	CONSTRUCT 12"x12"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	1	EA	\$425.00	\$425.00
14.	CONSTRUCT 12"x12"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	2	EA	\$465.00	\$930.00
15.	CONSTRUCT 12"x12"x12" M.J. TEE ASSEMBLY AND BACKING BLOCK	2	EA	\$514.00	\$1,028.00
16.	CONSTRUCT 12"x8" CROSS	1	EA	\$428.00	\$428.00
17.	CONSTRUCT 12"x8" REDUCER	1	EA	\$202.00	\$202.00
18.	CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2	EA	\$382.00	\$764.00
19.	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	1	EA	\$423.00	\$423.00
20.	CONSTRUCT 8" x 22.5 DEGREE VERTICAL BEND WITH BACKING BLOCK	0	EA	\$284.00	\$0.00
21.	CONSTRUCT 12" x 22.5 DEGREE VERTICAL BEND WITH BACKING BLOCK	0	EA	\$394.00	\$0.00
22.	CONSTRUCT 6" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	0	EA	\$252.00	\$0.00
23.	CONSTRUCT 8" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	0	EA	\$298.00	\$0.00
24.	CONSTRUCT 12" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	4	EA	\$423.00	\$1,692.00
25.	CONSTRUCT CHLORINE TUBE	3	EA	\$1,543.00	\$4,629.00
26.	CONSTRUCT SAMPLE TAP	3	EA	\$281.00	\$843.00
27.	SEEDING - TYPE "TEMPORARY SEED MIX"	0	AC	\$401.00	\$0.00
28.	STRAW MULCH	0	AC	\$578.00	\$0.00
	ADD PER CHANGE ORDER NO. 1				
29.	CUT IN 12" GATE VALVE OVER EXISITNG WATER LINE	1	LS	\$1,700.60	\$1,700.60

**Construction Costs:** \$354,651.60

Soft Costs

Engineering, Construction	
Administration:	\$73,312.20
Review Fee:	\$3,656.17
Legal:	\$17,732.58
Fiscal:	\$22,467.63
Interest:	\$34,983.44

**Total Soft Costs:** 43% \$152,132.02

**Total Costs:** \$506,783.62

**CAPITAL FACILITIES CHARGES**

Assumptions/Comments:



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

<u>Bid Item Description</u>		<u>Approximate</u> <u>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	0.00	AC	\$4,200.00	\$0.00
<b>Estimated Construction Costs:</b>					<b>\$0.00</b>
<b><u>Estimated Soft Costs</u></b>					
2.00% Legal:					\$0.00
5.00% Fiscal:					\$0.00
7.00% Interest:					\$0.00
# Duration (Months)					
<b>Total Estimated Soft Costs:</b>					<b>0% \$0.00</b>
<b>Total Estimated Costs:</b>					<b>\$0.00</b>

**WATER INTERIOR G.O.**

**Assumptions/Comments:**



Cost difference between 8" water main and the larger size required may be a general obligation of the District

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1. REMOVE 12" PLUG	1	EA	\$400.00	\$400.00
2. REMOVE END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND BACKING BLOCK	2	EA	\$1,646.00	\$3,292.00
3. CONSTRUCT 6" WATER MAIN	0	LF	\$24.00	\$0.00
4. CONSTRUCT 8" WATER MAIN	0	LF	\$28.40	\$0.00
5. CONSTRUCT 12" WATER MAIN	3,293	LF	\$13.80	\$45,443.40
6. CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	0	EA	\$3,908.00	\$0.00
7. CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$3,858.00	\$0.00
8. CONSTRUCT 6" M.J. GATE VALVE AND BOX	0	EA	\$901.00	\$0.00
9. CONSTRUCT 8" M.J. GATE VALVE AND BOX	0	EA	\$1,181.00	\$0.00
10. CONSTRUCT 12" M.J. GATE VALVE AND BOX	16	EA	\$965.00	\$15,440.00
11. CONSTRUCT 8"x8"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$319.00	\$0.00
12. CONSTRUCT 8"x8"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$350.00	\$0.00
13. CONSTRUCT 12"x12"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK	1	EA	\$106.00	\$106.00
14. CONSTRUCT 12"x12"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	2	EA	\$115.00	\$230.00
15. CONSTRUCT 12"x12"x12" M.J. TEE ASSEMBLY AND BACKING BLOCK	2	EA	\$164.00	\$328.00
16. CONSTRUCT 12"x8" CROSS	1	EA	\$28.00	\$28.00
17. CONSTRUCT 12"x8" REDUCER	1	EA	\$52.00	\$52.00
18. CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2	EA	\$172.00	\$344.00
19. CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	1	EA	\$127.00	\$127.00
20. CONSTRUCT 8" x 22.5 DEGREE VERTICAL BEND WITH BACKING BLOCK	0	EA	\$284.00	\$0.00
21. CONSTRUCT 12" x 22.5 DEGREE VERTICAL BEND WITH BACKING BLOCK	0	EA	\$110.00	\$0.00
22. CONSTRUCT 6" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	0	EA	\$252.00	\$0.00
23. CONSTRUCT 8" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	0	EA	\$296.00	\$0.00
24. CONSTRUCT 12" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	4	EA	\$127.00	\$508.00
25. CONSTRUCT CHLORINE TUBE	0	EA	\$1,543.00	\$0.00
26. CONSTRUCT SAMPLE TAP	0	EA	\$281.00	\$0.00
27. SEEDING - TYPE "TEMPORARY SEED MIX"	0	AC	\$401.00	\$0.00
28. STRAW MULCH	0	AC	\$576.00	\$0.00

Construction Costs: \$66,298.40

**Soft Costs**

Engineering,  
Construction \$10,312.20  
Review Fee: \$683.48  
Legal: \$3,314.92  
Fiscal: \$4,200.09  
Interest: \$8,536.05

Total Soft Costs: \$25,046.74

Total Costs: **\$91,345.14**

**CAPITAL FACILITIES CHARGES**

Assumptions/Comments:



	<u>Bid Item Description</u>	<u>Approximate Quantity</u>	<u>Unit</u>	<u>Unit Price</u>
1 .	CAPITAL FACILITIES CHARGES - RESIDENTIAL	0	LOTS	\$1,500.00
2 .	CAPITAL FACILITIES CHARGES - OUTLOTS	0	AC	\$4,200.00

**Estimated Construction Costs:**

**Estimated Soft Costs**

2.00% Legal:  
5.00% Fiscal:  
7.00% Interest:  
9 Duration (Months)

**Total Estimated Soft Costs:**

**Total Estimated Costs:**

**POWER**

Assumptions/Comments:



	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 .	SINGLE FAMILY LOT	112	EA	\$880.00	\$98,560.00
2 .	CONDUIT BORING	1	LS	\$3,000.00	\$3,000.00

**Actual Construction Costs:** \$101,560.00

**Soft Costs**

Engineering Design and Construction Administration:	\$18,000.00
Legal:	\$2,031.20
Fiscal:	\$6,079.56
Interest:	\$12,872.64

**Total Soft Costs:** 38% \$38,983.40

**Total Costs:** \$140,543.40

**SIGNAGE**

Assumptions/Comments:



General Fund

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	Temporary Signage	1	LS	\$4,654.25	\$4,654.25
2	Permanent Signage	1	LS	\$22,499.99	\$22,499.99

Estimated Construction Costs: \$27,154.24

**Estimated Soft Costs**

Engineering, Construction	
0.00% Administration and Testing:	\$0.00
0.00% Legal:	\$0.00
0.00% Fiscal:	\$0.00
0.00% Interest:	\$0.00
0 Duration (Months)	

Total Estimated Soft Costs: 0% \$0.00

Total Estimated Costs: **\$27,154.24**

**SIGNAGE (General Fund)**

Assumptions/Comments:



	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	Temporary Signage	1	LS	\$4,654.25	\$4,654.25
2	Permanent Signage	1	LS	\$22,499.99	\$22,499.99

**Estimated Construction Costs:** \$27,154.24

Estimated Soft Costs

Engineering, Construction	
0.00% Administration and Testing:	\$0.00
0.00% Legal:	\$0.00
0.00% Fiscal:	\$0.00
0.00% Interest:	\$0.00
0 Duration (Months)	

**Total Estimated Soft Costs:** 0% \$0.00

**Total Estimated Costs:** \$27,154.24



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

North Shore 3 - Final Plat

0112044.03-003

SID 292

6/19/2019

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

**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>									
Interior	3840	LF	\$308,578.25	\$440,626.79	\$60,421.71	\$380,205.08	\$0.00	\$0.00	\$0.00
Connection Fees	61	Lots	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ROLL INVESTMENT EASEMENT	1	LS	\$4,218.00	\$4,717.27	\$4,717.27	\$0.00	\$0.00	\$0.00	\$0.00
PINK FAMILY INVESTMENT EASEMENT	1	LS	\$21,280.50	\$23,799.43	\$23,799.43	\$0.00	\$0.00	\$0.00	\$0.00
<b>STORM SEWER</b>	2210	LF	\$192,228.70	\$275,550.48	\$275,550.46	\$0.00	\$0.00	\$0.00	\$0.00
<b>PAVING</b>									
Minor	10947	SY	\$565,904.88	\$790,173.24	\$274,636.33	\$515,536.91	\$0.00	\$0.00	\$0.00
<b>SIDEWALKS</b>	0	SF	\$87,500.00	\$119,800.00	\$119,800.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>PARKS</b>									
Improvements & Landscaping	1	LS	\$153,787.00	\$220,082.81	\$220,082.81	\$0.00	\$0.00	\$0.00	\$0.00
Acquisition	2.93	AC	\$68,855.00	\$79,137.12	\$79,137.12	\$0.00	\$0.00	\$0.00	\$0.00
<b>WATER</b>									
Interior	3887	LF	\$178,090.00	\$259,380.33	\$6,821.84	\$252,558.49	\$0.00	\$0.00	\$0.00
Capital Facilities Charges	61	LOTS	\$111,117.15	\$132,034.38	\$66,017.18	\$66,017.18	\$0.00	\$0.00	\$0.00
City Infrastructure Contrib	0	LS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>POWER</b>									
Service	61	LOTS	\$82,350.00	\$112,349.94	\$0.00	\$112,349.94	\$0.00	\$0.00	\$0.00
Decorative Street Lights	0	EA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>SIGNAGE</b>	20	SIGNS	\$8,100.00	\$11,600.00	\$11,600.00	\$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	%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

<b>Total</b>			<b>\$1,782,007.48</b>	<b>\$2,469,251.75</b>	<b>\$1,142,584.14</b>	<b>\$1,326,667.60</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
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Residential Valuation	61	Lots	\$22,326,000.00	Debt Ratio (95% Valuation)	<b>5.39%</b>
Total Valuation	100%		\$22,326,000.00		
Total Valuation	95%		\$21,209,700.00		

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# DEBT RATIO

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## ASSUMPTIONS

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Average market Value Per Residential Lot (land value only) = \$50,000.00

Average market Value Per Residential Lot (Improvements) (improvement value only) = \$316,000.00

## ASSESSABLE VALUATION

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Residential Lot	<span style="border: 1px solid black; padding: 2px;">161</span>	Units =	\$50,000.00 =	\$3,050,000.00
Residential Improvements	<span style="border: 1px solid black; padding: 2px;">161</span>	Units =	\$316,000.00 =	\$19,276,000.00
				Total 100% Valuation = \$22,326,000.00
				Total 95% Valuation = \$21,209,700.00
				DEBT RATIO = <span style="border: 1px solid black; padding: 2px;">5.39%</span>

**SANITARY SEWER - INTERIOR**

Assumptions/Comments:

FINAL

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1.	CLEARING AND GRUBBING GENERAL	1	LS	\$1,250.00	\$1,250.00
2.	CONSTRUCT 6" SANITARY SEWER PIPE	2,197	LF	\$26.45	\$58,110.65
3.	CONSTRUCT 8" SANITARY SEWER PIPE	3,840	LF	\$26.90	\$103,296.00
4.	CONSTRUCT 6" PIPE BEDDING	2,197	LF	\$4.50	\$9,886.50
5.	CONSTRUCT 8" PIPE BEDDING	3,840	LF	\$5.00	\$19,200.00
6.	CONSTRUCT 54" I.D. SANITARY MANHOLE (19 EA) TAP 8" SANITARY SEWER PIPE INTO EXISTING 54" I.D.	231.2	VF	\$388.00	\$89,705.60
7.	SANITARY MANHOLE	3	EA	\$950.00	\$2,850.00
8.	CONSTRUCT 6" x 8" WYE	45	EA	\$98.00	\$4,410.00
9.	CONSTRUCT 6" MANHOLE STUBOUT	15	EA	\$76.00	\$1,140.00
10.	CONSTRUCT MANHOLE RING COLLAR	5	EA	\$325.00	\$1,625.00
11.	CONSTRUCT EXTERNAL FRAME SEAL	4	EA	\$325.00	\$1,300.00
12.	EXCAVATION FOR EXTRA DEEP SANITARY SEWER	1,100	VF-LF	\$4.50	\$4,950.00
13.	CONSTRUCT MANHOLE DROP CONNECTION	26	VF	\$265.00	\$6,890.00
14.	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	0	TN	\$26.00	\$0.00
15.	CONSTRUCT SILT FENCE	150	LF	\$3.50	\$525.00
16.	CLEANOUT SILT FENCE	0	LF	\$0.75	\$0.00
17.	CLEANOUT SILT BASIN	0	CY	\$4.00	\$0.00
18.	SEEDING - TYPE "TEMPORARY SEED MIX"	2.25	AC	\$750.00	\$1,687.50
19.	HAY OR STRAW MULCH	0	AC	\$650.00	\$0.00
5.	ADD PER CHANGE ORDER NO. 1 MODIFY SANITARY MANHOLE	1	LS	\$1,750.00	\$1,750.00
	LESS FAILED TESTS/VF	0	LS	-\$1,165.16	\$0.00

**Estimated Construction Costs:** \$308,576.25

Estimated Soft Costs

Engineering Design & Construction /	\$58,895.00
Geotechnical & Testing:	\$8,676.74
Review Fee:	\$3,177.15
Legal:	\$15,428.81
Misc. Costs:	\$2,206.78
Fiscal:	\$24,056.22
Interest:	\$19,609.84
Duration (Months)	

**Total Estimated Soft Costs:** \$132,050.54

**Total Estimated Costs:** \$440,626.79

**SANITARY SEWER - OFFSITE EASEMENTS**

Assumptions/Comments:

↶ FINAL

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	ROLL INVESTMENT EASMENT	1	LS	\$4,218.00	\$4,218.00

Estimated Construction Costs: \$4,218.00

Estimated Soft Costs

Engineering: \$84.36  
 Legal: \$0.00  
 Fiscal: \$215.12  
 Interest: \$199.79  
 Duration (Months)

Total Estimated Soft Costs: \$499.27

Total Estimated Costs: **\$4,717.27**

**SANITARY SEWER - OFFSITE EASEMENTS**

Assumptions/Comments:

↶ FINAL

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	PINK FAMILY INVESTMENT EASEMENT	1	LS	\$21,280.50	\$21,280.50

Estimated Construction Costs: \$21,280.50

Estimated Soft Costs

Engineering: \$425.64  
 Legal: \$0.00  
 Fiscal: \$1,085.30  
 Interest: \$1,007.99  
 Duration (Months)

Total Estimated Soft Costs: \$2,518.93

Total Estimated Costs: **\$23,799.43**

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

Assumptions/Comments:

FINAL

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1 .	CLEARING AND GRUBBING GENERAL	1	LS	\$1,250.00	\$1,250.00
2 .	CONSTRUCT 6" SANITARY SEWER PIPE	0	LF	\$26.45	\$0.00
3 .	CONSTRUCT 8" SANITARY SEWER PIPE	742	LF	\$26.90	\$19,959.80
4 .	CONSTRUCT 6" PIPE BEDDING	0	LF	\$4.50	\$0.00
5 .	CONSTRUCT 8" PIPE BEDDING	742	LF	\$5.00	\$3,710.00
6 .	CONSTRUCT 54" I.D. SANITARY MANHOLE (2 EA) TAP 8" SANITARY SEWER PIPE INTO EXISTING 54" I.D. SANITARY MANHOLE	14	VF	\$388.00	\$5,432.00
7 .	CONSTRUCT 6" x 8" WYE	2	EA	\$950.00	\$1,900.00
8 .	CONSTRUCT 6" MANHOLE STUBOUT	0	EA	\$98.00	\$0.00
9 .	CONSTRUCT MANHOLE RING COLLAR	0	EA	\$76.00	\$0.00
10 .	CONSTRUCT EXTERNAL FRAME SEAL	2	EA	\$325.00	\$650.00
11 .	EXCAVATION FOR EXTRA DEEP SANITARY SEWER	2	EA	\$325.00	\$650.00
12 .	CONSTRUCT MANHOLE DROP CONNECTION	0	VF-LF	\$4.50	\$0.00
13 .	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	26	VF	\$265.00	\$6,890.00
14 .	CONSTRUCT SILT FENCE	0	TN	\$26.00	\$0.00
15 .	CLEANOUT SILT FENCE	150	LF	\$3.50	\$525.00
16 .	CLEANOUT SILT BASIN	0	LF	\$0.75	\$0.00
17 .	SEEDING - TYPE "TEMPORARY SEED MIX"	0	CY	\$4.00	\$0.00
18 .	HAY OR STRAW MULCH	2.25	AC	\$750.00	\$1,687.50
19 .	ADD PER CHANGE ORDER NO. 1 MODIFY SANITARY MANHOLE	0	AC	\$650.00	\$0.00
5 .		1		\$1,750.00	\$1,750.00

Estimated Construction Costs: \$44,404.30

Estimated Soft Costs

Engineering & CA	\$5,695.09
Geo & Testing	\$1,248.59
Review Fee	\$457.19
Legal:	\$2,220.22
Misc. Costs:	\$316.99
Fiscal:	\$3,322.67
Interest:	\$2,756.66
Duration (Months)	

Total Estimated Soft Costs: \$16,017.41

Total Estimated Costs: **\$60,421.71**

**SANITARY SEWER - OFFSITE EASEMENTS G.O.**

Assumptions/Comments:

 FINAL

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1 .	ROLL INVESTMENT EASMENT	1	LS	\$4,218.00	\$4,218.00
<b>Estimated Construction Costs:</b>					<b>\$4,218.00</b>
<b>Estimated Soft Costs</b>					
Engineering:					\$84.36
Legal:					\$0.00
Fiscal:					\$215.12
Interest:					\$199.79
Duration (Months)					
<b>Total Estimated Soft Costs:</b>					<b>\$499.27</b>
<b>Total Estimated Costs:</b>					<b>\$4,717.27</b>

**SANITARY SEWER - OFFSITE EASEMENTS G.O.**

Assumptions/Comments:

 FINAL

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1 .	PINK FAMILY INVESTMENT EASEMENT	1	LS	\$21,280.50	\$21,280.50
<b>Estimated Construction Costs:</b>					<b>\$21,280.50</b>
<b>Estimated Soft Costs</b>					
Engineering:					\$425.64
Legal:					\$0.00
Fiscal:					\$1,085.30
Interest:					\$1,007.99
Duration (Months)					
<b>Total Estimated Soft Costs:</b>					<b>\$2,518.93</b>
<b>Total Estimated Costs:</b>					<b>\$23,799.43</b>

**STORM SEWER**

Assumptions/Comments:



Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1 .	CLEARING AND GRUBBING GENERAL	1	LS	\$1,500.00	\$1,500.00
2 .	GENERAL GRADING AND SHAPING	1	LS	\$2,500.00	\$2,500.00
3 .	CONSTRUCT 18" R.C.P., CLASS III	967	LF	\$35.60	\$34,425.20
4 .	CONSTRUCT 24" R.C.P., CLASS III	1220	LF	\$54.60	\$66,612.00
5 .	CONSTRUCT 42" R.C.P., D(0.01) = 1,350	25	LF	\$115.30	\$2,882.50
6 .	CONSTRUCT 18" R.C. FLARED END SECTION	2	EA	\$785.00	\$1,570.00
7 .	CONSTRUCT 42" R.C. FLARED END SECTION	1	EA	\$1,765.00	\$1,765.00
8 .	CONSTRUCT 54" I.D. FLATTOP MANHOLE (10 EA)	71	VF	\$389.00	\$27,619.00
9 .	CONSTRUCT 72" I.D. FLATTOP MANHOLE (1 EA)	13	VF	\$685.00	\$8,905.00
10 .	CONSTRUCT 18" PIPE BEDDING	967	LF	\$5.00	\$4,835.00
11 .	CONSTRUCT 24" PIPE BEDDING	1220	LF	\$6.00	\$7,320.00
12 .	CONSTRUCT 42" PIPE BEDDING	25	LF	\$13.00	\$325.00
13 .	CONSTRUCT MANHOLE RING COLLAR	8	EA	\$350.00	\$2,800.00
14 .	CONSTRUCT 12' X 3' X 2' TYPE-B LOOSE RIP-RAP DROPS	180	TON	\$48.00	\$8,640.00
15 .	CONSTRUCT ROCK RIP-RAP - TYPE "B"	80	TON	\$64.00	\$5,120.00
16 .	TAP EXISTING CURB INLET	1	LS	\$850.00	\$850.00
17 .	STABILIZE TRENCH W/ CRUSHED LIMESTONE	0	TN	\$18.00	\$0.00
18 .	CONSTRUCT ROCK ACCESS ROAD	60	TN	\$22.00	\$1,320.00
19 .	CONSTRUCT SILT FENCE	0	LF	\$3.50	\$0.00
20 .	CLEANOUT SILT FENCE	0	LF	\$0.75	\$0.00
21 .	SEEDING - TYPE "TEMPORARY SEED MIX"	1.25	AC	\$750.00	\$937.50
22 .	HAY OR STRAW MULCH	0	AC	\$650.00	\$0.00
23 .	ROLLED EROSION CONTROL, TYPE II	2400	SY	\$3.35	\$8,040.00
	ADD PER CHANGE ORDER NO. 1				
1 .	TEMPORARY INLET BASE	1	EA	\$900.00	\$900.00
2 .	REMOVE AND REPLACE FENCE	280	LF	\$10.00	\$2,800.00
3 .	18" REP BEND	1	EA	\$450.00	\$450.00
4 .	REMOVE SILT FENCE	150	LF	\$0.75	\$112.50
	LESS FAILED TESTS/VF	0	LS	-\$725.84	\$0.00

Estimated Construction Costs: \$192,228.70

Estimated Soft Costs

Engineering Design & Construction	\$37,765.93
Geotechnical & Testing	\$5,405.21
Review Fee	\$1,979.22
Legal:	\$9,811.44
Misc. Costs:	\$1,372.25
Fiscal:	\$15,039.63
Interest:	\$12,148.08
Duration (Months)	

Total Estimated Soft Costs: \$83,321.76

Total Estimated Costs: \$275,550.46



**STORM SEWER G.O.**

Assumptions/Comments:



FINAL

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1.	CLEARING AND GRUBBING GENERAL	1	LS	\$1,500.00	\$1,500.00
2.	GENERAL GRADING AND SHAPING	1	LS	\$2,500.00	\$2,500.00
3.	CONSTRUCT 18" R.C.P., CLASS III	967	LF	\$35.60	\$34,425.20
4.	CONSTRUCT 24" R.C.P., CLASS III	1220	LF	\$54.60	\$66,612.00
5.	CONSTRUCT 42" R.C.P., D(0.01) = 1,350	25	LF	\$115.30	\$2,882.50
6.	CONSTRUCT 18" R.C. FLARED END SECTION	2	EA	\$785.00	\$1,570.00
7.	CONSTRUCT 42" R.C. FLARED END SECTION	1	EA	\$1,765.00	\$1,765.00
8.	CONSTRUCT 54" I.D. FLATTOP MANHOLE (10 EA)	71	VF	\$389.00	\$27,619.00
9.	CONSTRUCT 72" I.D. FLATTOP MANHOLE (1 EA)	13	VF	\$685.00	\$8,905.00
10.	CONSTRUCT 18" PIPE BEDDING	967	LF	\$5.00	\$4,835.00
11.	CONSTRUCT 24" PIPE BEDDING	1220	LF	\$6.00	\$7,320.00
12.	CONSTRUCT 42" PIPE BEDDING	25	LF	\$13.00	\$325.00
13 0	CONSTRUCT MANHOLE RING COLLAR	8	EA	\$350.00	\$2,800.00
14.	CONSTRUCT 12" X 3' X 2' TYPE-B LOOSE RIP-RAP DROPS	180	TON	\$48.00	\$8,640.00
15.	CONSTRUCT ROCK RIP-RAP - TYPE "B"	80	TON	\$64.00	\$5,120.00
16 0	TAP EXISTING CURB INLET	1	LS	\$850.00	\$850.00
17.	STABILIZE TRENCH W/ CRUSHED LIMESTONE	0	TN	\$18.00	\$0.00
18.	CONSTRUCT ROCK ACCESS ROAD	60	TN	\$22.00	\$1,320.00
19.	CONSTRUCT SILT FENCE	0	LF	\$3.50	\$0.00
20.	CLEANOUT SILT FENCE	0	LF	\$0.75	\$0.00
21.	SEEDING - TYPE "TEMPORARY SEED MIX"	1	AC	\$750.00	\$937.50
22.	HAY OR STRAW MULCH	0	AC	\$650.00	\$0.00
23.	ROLLED EROSION CONTROL, TYPE II	2400	SY	\$3.35	\$8,040.00
	ADD PER CHANGE ORDER NO. 1				
1.	TEMPORARY INLET BASE	1	EA	\$900.00	\$900.00
2.	REMOVE AND REPLACE FENCE	280	LF	\$10.00	\$2,800.00
3.	18" REP BEND	1	EA	\$450.00	\$450.00
4.	REMOVE SILT FENCE	150	LF	\$0.75	\$112.50
	LESS FAILED TESTS/VF	0	LS	-\$725.84	\$0.00

**Estimated Construction Costs:** \$192,228.70

Estimated Soft Costs

Engineering Design & CA	\$37,765.93
Geotechnical & Testing	\$5,405.21
Review Fee:	\$1,979.22
Legal:	\$9,611.44
Misc. Costs:	\$1,372.25
Fiscal:	\$15,039.63
Interest:	\$12,148.08
Duration (Months)	

**Total Estimated Soft Costs:** \$83,321.76

**Total Estimated Costs:** \$275,550.46

**PAVING MINOR**

Assumptions/Comments:



FINAL

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1 .	7" CONCRETE PAVEMENT - TYPE L65	10,947	SY	\$36.39	\$398,361.33
2 .	5" CONCRETE SIDEWALK	5,772	SF	\$4.63	\$26,724.36
3	5" CONCRETE TRAIL 8' WIDE	9,656	SF	\$4.62	\$44,610.72
4 .	COMMON EARTHWORK EXCAVATION	3,649	CY	\$3.34	\$12,187.66
5	COMMON EARTHWORK EXCAVATION (SIDEWALK AND TRAIL)	280	CY	\$15.21	\$4,258.80
6	SUBGRADE PREPARATION - (SIDEWALK AND TRAIL)	2,239.84	SY	\$2.05	\$4,591.67
7	CONSTRUCT RAMP CURB	230	SF	\$17.52	\$4,029.60
8	CONSTRUCT END OF STREET BARRICADE	2	EA	\$912.67	\$1,825.34
9 .	ADJUST MANHOLE TO GRADE (13 SAN, 2 STM)	20	EA	\$217.57	\$4,351.40
10 .	EXTERNAL FRAME SEAL	17	EA	\$365.16	\$6,207.72
11 .	CONSTRUCT CURB INLET	10	EA	\$3,007.27	\$30,072.70
12 .	SEEDING - TYPE "TEMPORARY SEED MIX"	0	AC	\$390.51	\$0.00
13 .	STRAW MULCH	0	AC	\$502.08	\$0.00
14 .	CONSTRUCT SILT FENCE	117	LF	\$3.91	\$457.47
15 .	CLEANOUT SILT BASIN	0	CY	\$6.69	\$0.00
16 .	CLEANOUT SILT FENCE	143	LF	\$2.51	\$358.93
17 .	JET EXISTING SEWER	3,840	LF	\$1.12	\$4,300.80
18 .	REIMBURSEMENT FOR EXISTING STORM SEWER	1	LS	\$21,177.50	\$21,177.50
19 .	CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION	1	LS	\$1,058.88	\$1,058.88
<b>ADDITIONAL WORK REQUIRED</b>					
1 .	580 BACKHOE	2	HR	\$125.00	\$250.00
2 .	963 CAT TRACKLOADER	8	HR	\$135.00	\$1,080.00

Estimated Construction Costs: \$565,904.88

**Estimated Soft Costs**

Engineering Design & CA	\$100,977.13
Geotechnical & Testing	\$6,191.00
Review Fee:	\$6,007.11
Legal:	\$28,295.24
Misc. Costs:	\$4,044.94
Fiscal:	\$43,288.49
Interest:	\$35,464.45
Duration (Months)	

Total Estimated Soft Costs: \$224,268.36

Total Estimated Costs: **\$790,173.24**

**PAVING IN EXCESS OF 6" THICK**

Assumptions/Comments:

FINAL

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1.	1" CONCRETE PAVEMENT	1,464	SY	\$36.39	\$53,285.36
	CONTINGENCY	0%		\$53,285.36	\$0.00
<b>Estimated Construction Costs:</b>					<b>\$53,285.36</b>

**Estimated Soft Costs**

Engineering Design, Construction	\$0.00
Admin, Geotechnical & Testing	\$2,664.27
Legal:	\$4,076.03
Fiscal:	\$3,339.32
Interest:	
Duration (Months)	

**Total Estimated Soft Costs: \$10,079.61**

**Total Estimated Costs: \$63,364.97**

FORMULA : PAVEMENT MINOR QUANTITY  
- G.O. PAVEMENT QUANTITY

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

10,947 SY  
697 SY  
10,250 SY  
1,464 SY

**PAVING MINOR G.O.**

Assumptions/Comments:



FINAL

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1.	7" CONCRETE PAVEMENT - TYPE L65	697	SY	\$36.39	\$25,363.83
2.	5" CONCRETE SIDEWALK	5,772	SF	\$4.63	\$26,724.36
3.	5" CONCRETE TRAIL 8' WIDE	10,105	SF	\$4.00	\$40,420.00
4.	COMMON EARTHWORK EXCAVATION	232	CY	\$3.34	\$775.99
5.	COMMON EARTHWORK EXCAVATION (SIDEWALK AND TRAIL)	280	CY	\$6.00	\$1,680.00
6.	SUBGRADE PREPARATION - (SIDEWALK AND TRAIL)	2,650	SY	\$1.50	\$3,975.00
7.	CONSTRUCT RAMP CURB	352	SF	\$12.00	\$4,224.00
8.	CONSTRUCT END OF STREET BARRICADE	2	EA	\$1,500.00	\$3,000.00
9.	ADJUST MANHOLE TO GRADE (13 SAN, 2 STM)	2	EA	\$217.57	\$435.14
10.	EXTERNAL FRAME SEAL	2	EA	\$365.16	\$730.32
11.	CONSTRUCT CURB INLET	10	EA	\$3,007.27	\$30,072.70
12.	SEEDING - TYPE "TEMPORARY SEED MIX"	2	AC	\$600.00	\$1,200.00
13.	STRAW MULCH	0	AC	\$502.08	\$0.00
14.	CONSTRUCT SILT FENCE	117	LF	\$3.91	\$457.47
15.	CLEANOUT SILT BASIN	0	CY	\$6.69	\$0.00
16.	CLEANOUT SILT FENCE	143	LF	\$2.51	\$358.93
17.	JET EXISTING SEWER	0	LF	\$1.12	\$0.00
18.	REIMBURSEMENT FOR EXISTING STORM SEWER	1	LS	\$21,177.50	\$21,177.50
19.	CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION	1	LS	\$1,058.88	\$1,058.88
<b>ADDITIONAL WORK REQUIRED</b>					
1	580 BACKHOE	0		\$125.00	\$0.00
2	963 CAT TRACKLOADER	0		\$135.00	\$0.00

**Estimated Construction Costs: \$161,654.12**

**Estimated Soft Costs**

Engineering Design & CA	\$15,377.13
Geotechnical & Testing	\$1,768.50
Review Fee:	\$1,715.97
Legal:	\$8,082.70
Misc. Costs:	\$1,153.98
Fiscal:	\$11,692.17
Interest:	\$9,826.79
Duration (Months)	

**Total Estimated Soft Costs: \$49,617.24**

**Total Estimated Costs: \$211,271.36**



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

Assumptions/Comments:

FINAL

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1.	1" CONCRETE PAVEMENT	1464	SY	\$36.39	\$53,285.36
	15% CONTINGENCY	0%		\$53,285.36	\$0.00
<b>Estimated Construction Costs:</b>					<b>\$53,285.36</b>

**Estimated Soft Costs**

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$0.00
Legal:	\$2,664.27
Fiscal:	\$4,076.03
Interest:	\$3,339.32
Duration (Months)	

<b>Total Estimated Soft Costs:</b>	19%	<u>\$10,079.61</u>
<b>Total Estimated Costs:</b>		<b>\$63,364.97</b>

FORMULA : PAVEMENT MINOR QUANTITY	10,947 SY
- G.O. PAVEMENT QUANTITY	697 SY
	10,250 SY

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

**PAVING MAJOR**

**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>				<b>\$0.00</b>
	<b><u>Estimated Soft Costs</u></b>				
	Engineering Design, Construction				\$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>

**SIDEWALKS**

Assumptions/Comments:

↪ Sidewalk and ramp In Paving minor

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1. 5' WIDE 4" CONCRETE SIDEWALK	0	SF	\$3.00	\$0.00
2. 8' WIDE 5" CONCRETE TRAIL	0	SF	\$4.50	\$0.00
3. SUBGRADE PREPARATION	0	SF	\$1.65	\$0.00
4. GENERAL GRADING AND SHAPING	0	LS	\$7,500.00	\$0.00
5. CONSTRUCT DETECTABLE WARNING PANEL	0	EA	\$100.00	\$0.00
6. SEEDING - TYPE "NON -IRRIGATED LAWN AND TURF SEED"	0.0	AC	\$1,600.00	\$0.00
7. SEEDING - TYPE "NATIVE GRASS MIXTURE"	0.0	AC	\$2,000.00	\$0.00
8. HAY OR STRAW MULCH	0.0	AC	\$450.00	\$0.00
9. HANDICAP RAMP	0	EA	\$1,100.00	\$0.00
10. CROSSWALK STRIPING (2' WIDE)	0	LF	\$8.00	\$0.00
CONTINGENCY	0%		\$0.00	\$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

**SIDEWALKS - STRIPING**

Assumptions/Comments:

↪ Permanent striping for Boulevard

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1. INSTALL PERMANENT PREFORMED TAPE MARKING, TYPE 3, 5" WHITE, GROOVED	290	LF	\$2.25	\$652.50
2. INSTALL PERMANENT PREFORMED TAPE MARKING, TYPE 3, 6" WHITE, GROOVED	8150	LF	\$3.00	\$24,450.00
3. INSTALL PERMANENT PREFORMED TAPE MARKING, TYPE 4, 24" WHITE, GROOVED	1227	LF	\$15.00	\$18,405.00
4. INSTALL PERMANENT PREFORMED TAPE MARKING - WHITE YIELD LINE	75	LF	\$6.00	\$450.00
5. INSTALL PERMANENT PREFORMED MARKING TAPE SYMBOL - BIKE SYMBOL	35	EA	\$480.00	\$16,800.00
6. INSTALL PERMANENT PREFORMED MARKING TAPE SYMBOL - BIKE ARROW	35	EA	\$480.00	\$16,800.00
7. INSTALL PERMANENT PREFORMED MARKING TAPE SYMBOL - TYPE "ONLY", WHITE	1	EA	\$650.00	\$650.00
8. INSTALL PERMANENT PREFORMED MARKING TAPE SYMBOL - TYPE DIRECTIONAL ARROW, WHITE	2	EA	\$650.00	\$1,300.00
CONTINGENCY	10%		\$79,507.50	\$7,950.75

Estimated Construction Costs: \$87,458.25

Estimated Soft Costs

19.00% Engineering Design, Construction	\$18,617.07
5.00% Legal:	\$4,372.91
5.00% Fiscal:	\$5,422.41
7.00% Interest:	\$5,978.21
9 Duration (Months)	

Total Estimated Soft Costs: \$32,390.60

Total Estimated Costs: \$119,848.85



**PARKS IMPROVEMENTS & LANDSCAPING**

**Assumptions/Comments:**



North Shore Phase 3 Park  
Parks to now include play structures in open area

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	INSTALL PRAIRIE GOLD ASPEN	11	EA	\$300.00	\$3,300.00
2	INSTALL AUTUMN BRILLIANCE SERVICEBERRY	6	EA	\$300.00	\$1,800.00
3	INSTALL CHINKAPIN OAK	3	EA	\$400.00	\$1,200.00
4	SEEDING - TYPE "UPLAND SEED MIX"	1.7	AC	\$3,000.00	\$5,160.00
5	ROLLED EROSION CONTROL MATTING, TYPE II	2,346.0	SY	\$2.00	\$4,692.00
6	CLEARING AND GRUBBING GENERAL	1	LS	\$1,500.00	\$1,500.00
7	REMOVE FENCE	80	LF	\$5.00	\$400.00
8	COMMON EARTH EXCAVATION	1,620	CY	\$12.00	\$19,440.00
9	CONSTRUCT 12" RC FLARED END SECTION	4	EA	\$500.00	\$2,000.00
10	CONSTRUCT AGGREGATE BEDDING FOR 12" STORM SEWER PIPE	85	LF	\$10.00	\$850.00
11	CONSTRUCT 12" RCP BEND	0	EA	\$500.00	\$0.00
12	CONSTRUCT 12" RCP, CLASS III	85	LF	\$75.00	\$6,375.00
13	CONSTRUCT 6" PCC TRAIL - L6	9,132	SF	\$5.00	\$45,660.00
14	CONSTRUCT SILT FENCE	825	LF	\$3.00	\$2,475.00
15	CONSTRUCT CONCRETE SHELTER PAD	606	SF	\$5.00	\$3,030.00
16	CONSTRUCT CONCRETE BENCH PAD	115	SF	\$5.00	\$575.00
17	CONSTRUCT CONCRETE EXERCISE STATION PAD	400	SF	\$5.00	\$2,000.00
18	CONSTRUCT SHELTER	1	EA	\$23,000.00	\$23,000.00
19	CONSTRUCT EXERCISE STATION A - LEG LIFT STATION	1	EA	\$500.00	\$500.00
20	CONSTRUCT EXERCISE STATION B - SIT UP STATION	1	EA	\$1,200.00	\$1,200.00
21	CONSTRUCT EXERCISE STATION C - PUSH UP STATION	1	EA	\$400.00	\$400.00
22	CONSTRUCT EXERCISE STATION D - CHIN UP STATION	1	EA	\$800.00	\$800.00
23	CONSTRUCT EXERCISE STATION SIGN FRAME AND SIGN	1	EA	\$750.00	\$750.00
24	FURNISH AND INSTALL BENCH	4	EA	\$1,300.00	\$5,200.00
25	FURNISH AND INSTALL PICNIC TABLE	4	EA	\$1,400.00	\$5,600.00
26	FURNISH AND INSTALL TRASH RECEPTACLE	6	EA	\$1,400.00	\$8,400.00
27	CONSTRUCT FENCING	100	LF	\$30.00	\$3,000.00
28	STORED MATERIALS	0	LS	\$32,728.09	\$0.00
	<b>PER CHANGE ORDER 1</b>				
29	DIRT HAUL/SKIDLOADER	28	HR	\$80.00	\$2,240.00
30	DIRT HAUL/DUMP TRUCK	28	HR	\$80.00	\$2,240.00

Estimated Construction Costs: \$153,787.00

Estimated Soft Costs

Engineering Design, Construction	\$37,190.71
Testing & Review	\$2,399.85
Legal:	\$7,695.00
Fiscal:	\$10,331.14
Interest:	\$8,679.11
Duration (Months)	

Total Estimated Soft Costs: 43.1% \$66,295.81

Total Estimated Costs: \$220,082.81

**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</b>		<b>Unit Price</b>	<b>Total</b>
		<b>Quantity</b>	<b>Unit</b>		
1.	PARK ACQUISITION	2.93	AC	\$23,500.00	\$68,855.00
<b>Estimated Construction Costs:</b>					<b>\$68,855.00</b>
<b><u>Estimated Soft Costs</u></b>					
Engineering Design, Construction					\$1,377.10
Legal:					\$1,377.10
Fiscal:					\$3,580.46
Interest:					\$3,947.46
Duration (Months)					
<b>Total Estimated Soft Costs:</b>					<b>\$10,282.12</b>
<b>Total Estimated Costs:</b>					<b>\$79,137.12</b>

**PARKS IMPROVEMENTS & LANDSCAPING**

**Assumptions/Comments:**



North Shore Phase 3 Park  
Parks to now include play structures in open area

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . INSTALL PRAIRIE GOLD ASPEN	11	EA	\$300.00	\$3,300.00
2 . INSTALL AUTUMN BRILLIANCE SERVICEBERRY	6	EA	\$300.00	\$1,800.00
3 . INSTALL CHINKAPIN OAK	3	EA	\$400.00	\$1,200.00
4 . SEEDING - TYPE "UPLAND SEED MIX"	1.7	AC	\$3,000.00	\$5,180.00
5 . ROLLED EROSION CONTROL MATTING, TYPE II	2,346.0	SY	\$2.00	\$4,692.00
6 . CLEARING AND GRUBBING GENERAL	1	LS	\$1,500.00	\$1,500.00
7 . REMOVE FENCE	80	LF	\$5.00	\$400.00
8 . COMMON EARTH EXCAVATION	1,620	CY	\$12.00	\$19,440.00
9 . CONSTRUCT 12" RC FLARED END SECTION	4	EA	\$500.00	\$2,000.00
10 . CONSTRUCT AGGREGATE BEDDING FOR 12" STORM SEWER PIPE	85	LF	\$10.00	\$850.00
11 . CONSTRUCT 12" RCP BEND	0	EA	\$500.00	\$0.00
12 . CONSTRUCT 12" RCP, CLASS III	85	LF	\$75.00	\$6,375.00
13 . CONSTRUCT 6" PCC TRAIL - L6	9,132	SF	\$5.00	\$45,660.00
14 . CONSTRUCT SILT FENCE	825	LF	\$3.00	\$2,475.00
15 . CONSTRUCT CONCRETE SHELTER PAD	606	SF	\$5.00	\$3,030.00
16 . CONSTRUCT CONCRETE BENCH PAD	115	SF	\$5.00	\$575.00
17 . CONSTRUCT CONCRETE EXERCISE STATION PAD	400	SF	\$5.00	\$2,000.00
18 . CONSTRUCT SHELTER	1	EA	\$23,000.00	\$23,000.00
19 . CONSTRUCT EXERCISE STATION A - LEG LIFT STATION	1	EA	\$500.00	\$500.00
20 . CONSTRUCT EXERCISE STATION B - SIT UP STATION	1	EA	\$1,200.00	\$1,200.00
21 . CONSTRUCT EXERCISE STATION C - PUSH UP STATION	1	EA	\$400.00	\$400.00
22 . CONSTRUCT EXERCISE STATION D - CHIN UP STATION	1	EA	\$800.00	\$800.00
23 . CONSTRUCT EXERCISE STATION SIGN FRAME AND SIGN	1	EA	\$750.00	\$750.00
24 . FURNISH AND INSTALL BENCH	4	EA	\$1,300.00	\$5,200.00
25 . FURNISH AND INSTALL PICNIC TABLE	4	EA	\$1,400.00	\$5,600.00
26 . FURNISH AND INSTALL TRASH RECEPTACLE	6	EA	\$1,400.00	\$8,400.00
27 . CONSTRUCT FENCING	100	LF	\$30.00	\$3,000.00
28 . STORED MATERIALS PER CHANGE ORDER 1	0	LS	\$32,728.09	\$0.00
29 . DIRT HAUL/SKIDLOADER	28	HR	\$80.00	\$2,240.00
30 . DIRT HAUL/DUMP TRUCK	28	HR	\$80.00	\$2,240.00

Estimated Construction Costs: \$153,787.00

Estimated Soft Costs

Engineering Design, Construction	\$37,190.71
Testing & Review	\$2,399.85
Legal:	\$7,695.00
Fiscal:	\$10,331.14
Interest:	\$8,679.11
Duration (Months)	

Total Estimated Soft Costs: 43.1% \$68,295.81

Total Estimated Costs: **\$220,082.81**

**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

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1.	PARK ACQUISITION	2.93	AC	\$23,500.00	\$68,855.00
<b>Estimated Construction Costs:</b>					<b>\$68,855.00</b>
<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:					\$3,947.46
Duration (Months)					
<b>Total Estimated Soft Costs:</b>					<b>\$10,282.12</b>
<b>Total Estimated Costs:</b>					<b>\$79,137.12</b>

**WATER INTERIOR**

Assumptions/Comments:



Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	REMOVE 12" PLUG	2	EA	\$800.00	\$1,600.00
2	CONSTRUCT 6" WATER MAIN	952	LF	\$26.25	\$24,990.00
3	CONSTRUCT 8" WATER MAIN	2,915	LF	\$28.00	\$81,620.00
4	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND BACKING BLOCK	5	EA	\$3,875.00	\$19,375.00
5	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	5	EA	\$4,125.00	\$20,625.00
6	CONSTRUCT 8"x8"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK	2	EA	\$375.00	\$750.00
7	CONSTRUCT 8"x8"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	1	EA	\$215.00	\$215.00
8	CONSTRUCT 8" X 8" CROSS	1	EA	\$425.00	\$425.00
9	CONSTRUCT 12"X8" REDUCER	1	EA	\$355.00	\$355.00
10	CONSTRUCT 8" X 6" REDUCER	1	EA	\$255.00	\$255.00
11	CONSTRUCT 8" M.J. GATE VALVE AND BOX	2	EA	\$975.00	\$1,950.00
12	CONSTRUCT 8" M.J. GATE VALVE AND BOX	13	EA	\$1,335.00	\$17,355.00
13	CONSTRUCT 8" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	4	EA	\$225.00	\$900.00
14	CONSTRUCT 8" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	4	EA	\$265.00	\$1,060.00
15	CONSTRUCT 6" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	16	EA	\$205.00	\$3,280.00
16	CONSTRUCT 8" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	5	EA	\$245.00	\$1,225.00
17	CONSTRUCT CHLORINE TUBE	0	EA	\$995.00	\$0.00
18	CONSTRUCT SAMPLE TAP	0	EA	\$745.00	\$0.00
19	CONNECT TO EXISTING 12" WATER MAIN	2	EA	\$1,055.00	\$2,110.00
20	EXPLORATORY EXCAVATION	0	HR	\$605.00	\$0.00
21	CONSTRUCT SILT FENCE	0	LF	\$1.95	\$0.00
22	CLEAN OUT SILT FENCE	0	LF	\$0.50	\$0.00
23	CLEAN OUT SILT BASIN	0	CY	\$5.50	\$0.00
24	SEEDING - "TYPE TEMPORARY"	0	AC	\$325.00	\$0.00
25	STRAW MULCH	0	AC	\$550.00	\$0.00
CONTINGENCY		0%		\$178,090.00	\$0.00

Estimated Construction Costs: \$178,090.00

Estimated Soft Costs

Engineering Design & CA	\$44,630.00
Modeling Fee	\$1,040.00
Review Fee:	\$2,072.00
Legal:	\$8,904.51
Misc. Costs:	\$1,370.80
Fiscal:	\$14,234.04
Interest:	\$9,038.98
Duration (Months)	

Total Estimated Soft Costs: \$81,290.33

Total Estimated Costs: **\$259,380.33**

**CAPITAL FACILITIES CHARGES**

**Assumptions/Comments:**



Updated to match subdivision agreement  
12/06/2016 - updated interest amount, KS

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1.	CAPITAL FACILITIES CHARGES - RESIDENTIAL	61	LOTS	\$2,070.00	\$126,270.00
2.	CAPITAL FACILITIES CHARGES - SCHOOL		AC	\$5,790.00	\$0.00
3.	CAPITAL FACILITIES CHARGES - OUTLOTS	3.78	AC	\$5,790.00	\$21,886.20
4.	CREDIT (EXTERIOR WATER MAIN EXTENSION)	1.00	LS	-\$37,039.05	-\$37,039.05

**Estimated Construction Costs:** \$111,117.15

**Estimated Soft Costs**

Legal: \$2,222.34  
 Fiscal: \$5,666.97  
 Interest: \$13,027.90  
 Duration (Months)

**Total Estimated Soft Costs:** \$20,917.21

**Total Estimated Costs:** \$132,034.36

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 Quantity	Unit	Unit Price	Total
1 .	REMOVE 12" PLUG	2	EA	\$800.00	\$1,600.00
2 .	CONSTRUCT 6" WATER MAIN	0	LF	\$26.25	\$0.00
3 .	CONSTRUCT 8" WATER MAIN	0	LF	\$28.00	\$0.00
4 .	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$3,875.00	\$0.00
5 .	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	0	EA	\$4,125.00	\$0.00
6 .	CONSTRUCT 8"x8"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$375.00	\$0.00
7 .	CONSTRUCT 8"x8"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$215.00	\$0.00
8 .	CONSTRUCT 8" X 8" CROSS	0	EA	\$425.00	\$0.00
9 .	CONSTRUCT 12" X 8" REDUCER	2	EA	\$100.00	\$200.00
10 .	CONSTRUCT 8" X 6" REDUCER	0	EA	\$255.00	\$0.00
11 .	CONSTRUCT 6" M.J. GATE VALVE AND BOX	0	EA	\$975.00	\$0.00
12 .	CONSTRUCT 8" M.J. GATE VALVE AND BOX	0	EA	\$1,335.00	\$0.00
13 .	CONSTRUCT 8" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$225.00	\$0.00
14 .	CONSTRUCT 8" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$265.00	\$0.00
15 .	CONSTRUCT 6" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$205.00	\$0.00
16 .	CONSTRUCT 8" X 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$245.00	\$0.00
17 .	CONSTRUCT CHLORINE TUBE	0	EA	\$995.00	\$0.00
18 .	CONSTRUCT SAMPLE TAP	0	EA	\$745.00	\$0.00
19 .	CONNECT TO EXISTING 12" WATER MAIN	2	EA	\$1,055.00	\$2,110.00
20 .	EXPLORATORY EXCAVATION	0	HR	\$605.00	\$0.00
21 .	CONSTRUCT SILT FENCE	0	LF	\$1.95	\$0.00
22 .	CLEAN OUT SILT FENCE	0	LF	\$0.50	\$0.00
23 .	CLEAN OUT SILT BASIN	0	CY	\$5.50	\$0.00
24 .	SEEDING - "TYPE TEMPORARY"	0	AC	\$325.00	\$0.00
25 .	STRAW MULCH	0	AC	\$550.00	\$0.00
	CONTINGENCY	0%			\$0.00

**Estimated Construction Costs: \$3,910.00**

Estimated Soft Costs

Engineering Design & CA	\$2,030.00
Modeling Fee	\$22.83
Review Fee:	\$45.49
Legal:	\$195.50
Misc. Costs:	\$27.91
Fiscal:	\$364.91
Interest:	\$225.20
Duration (Months)	

**Total Estimated Soft Costs: \$2,911.84**

**Total Estimated Costs: \$6,821.84**

**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
8	4" STRIPING	250.00	LF	\$3.00	\$750.00
9	STOP BARS	250.00	LF	\$5.00	\$1,250.00
10	CROSSWALK STRIPING	50.00	LF	\$5.00	\$250.00
	CONTINGENCY	15%		\$7,000.00	\$1,050.00

**Estimated Construction Costs: \$8,050.00**

**Estimated Soft Costs**

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$2,012.50
Legal:	\$402.50
Fiscal:	\$523.25
Interest:	\$576.88
Duration (Months)	

**Total Estimated Soft Costs: \$3,515.13**

**Total Estimated Costs: \$11,565.13**



**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
8.	4" STRIPING	250	LF	\$3.00	\$750.00
9.	STOP BARS	250	LF	\$5.00	\$1,250.00
10.	CROSSWALK STRIPING	50	LF	\$5.00	\$250.00
	CONTINGENCY	15%		\$7,000.00	\$1,050.00

Estimated Construction Costs: \$8,050.00


**Estimated Soft Costs**

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$2,012.50
Geotechnical and Testing:	\$0.00
Legal:	\$402.50
Fiscal:	\$523.25
Interest:	\$576.88
Duration (Months)	

Total Estimated Soft Costs: \$3,515.13

Total Estimated Costs: **\$11,565.13**

**POWER**

Assumptions/Comments:  


	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	SINGLE FAMILY LOT	61	EA	\$1,350.00	\$82,350.00

Estimated Construction Costs: \$82,350.00

Estimated Soft Costs

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$17,200.00
Legal:	\$1,647.00
Misc. Costs:	\$587.86
Fiscal:	\$6,212.29
Interest:	\$4,352.79
Duration (Months)	

Total Estimated Soft Costs: \$29,999.94

Total Estimated Costs: **\$112,349.94**

**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**

**6/19/2019**

**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	23562	LF	\$1,062,316.28	\$1,639,721.21	\$60,585.42	\$1,579,135.79	\$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
Roll Easement - Phase 3	1	LS	\$4,218.00	\$4,717.27	\$4,717.27	\$0.00	\$0.00	\$0.00	\$0.00
Pink Family Easement - Phase	1	LS	\$21,280.50	\$23,799.43	\$23,799.43	\$0.00	\$0.00	\$0.00	\$0.00
<b>STORM SEWER</b>	3964	LF	\$661,553.41	\$988,210.81	\$937,264.14	\$0.00	\$0.00	\$50,946.67	\$0.00
<b>PAVING</b>									
Minor	66608	SY	\$2,153,714.85	\$3,053,623.05	\$849,881.32	\$2,203,741.72	\$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	9148	SY	\$722,142.45	\$1,047,329.09	\$575,338.88	\$0.00	\$0.00	\$289,920.97	\$182,069.26
Easement Acquisition	0	SF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>SIDEWALKS</b>	20518	SF	\$335,813.37	\$492,014.45	\$470,443.27	\$0.00	\$0.00	\$21,571.18	\$0.00
<b>PARKS</b>									
Improvements & Landscaping	1	LS	\$232,442.34	\$329,630.81	\$329,630.81	\$0.00	\$0.00	\$0.00	\$0.00
Acquisition	2.93	AC	\$158,193.00	\$184,984.55	\$184,984.55	\$0.00	\$0.00	\$0.00	\$0.00
<b>WATER</b>									
Interior	24596	LF	\$1,094,227.90	\$1,548,112.55	\$220,566.42	\$1,327,546.13	\$0.00	\$0.00	\$0.00
Capital Facilities Charges	361	LOTS	\$661,034.03	\$777,740.45	\$388,870.23	\$388,870.23	\$0.00	\$0.00	\$0.00
City Infrastructure Contrib	1	LS	\$527,615.96	\$602,651.76	\$602,651.76	\$0.00	\$0.00	\$0.00	\$0.00
<b>POWER</b>									
Service	361	LOTS	\$349,350.00	\$482,261.37	\$0.00	\$482,261.37	\$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>	270	SIGNS	\$35,254.24	\$38,754.24	\$38,754.24	\$0.00	\$0.00	\$0.00	\$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	%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total</b>			\$9,868,656.04	\$13,761,633.35	\$5,100,963.92	\$6,219,409.38	\$1,485,269.03	\$773,921.75	\$182,069.26
Residential Valuation	361	Lots	\$132,126,000.00	Debt Ratio (95% Valuation)		4.06%			
Total Valuation			\$132,126,000.00						
95% Valuation			\$125,519,700.00						

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# DEBT RATIO

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## ASSUMPTIONS

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Average market Value Per Residential Lot (land value only) = \$50,000.00

Average market Value Per Residential Lot (Improvements) (improvement value only) = \$316,000.00

## ASSESSABLE VALUATION

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Residential Lot	<span style="border: 1px solid black; padding: 2px;">361</span>	Units =	\$50,000.00 =	\$18,050,000.00
Residential Improvements	<span style="border: 1px solid black; padding: 2px;">361</span>	Units =	\$316,000.00 =	\$114,076,000.00
				Total 100% Valuation = \$132,126,000.00
				Total 95% Valuation = \$125,519,700.00
				DEBT RATIO = <span style="border: 1px solid black; padding: 2px;">4.06%</span>

**EXHIBIT K  
AFFIDAVIT**

STATE OF NEBRASKA     )  
  ) ss  
COUNTY OF SARPY     )

The Affiant, Gerald L. Torczon, being duly sworn, deposes and attests as follows:

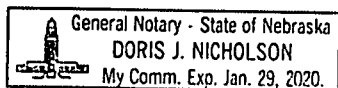
1. That on April 5, 2019, the Nebraska Secretary of State issued a Record of Determination/Notice of Revocation - Failure to File Biennial Report ("Notice") with respect to Lake View 126, LLC, a Nebraska limited liability company (the "Company").
2. Pursuant to said Notice, the Company was notified that failure to file a Biennial Report and pay the appropriate fee by June 7, 2019, would result in administrative dissolution of the Company.
3. The Company failed to file a Biennial Report prior to June 7, 2019, and as a result, has been administratively dissolved.
4. That at the time of the dissolution of the Company, the Affiant was the Manager of the Company.
5. That neither prior to nor in conjunction with the dissolution of the Company, was there an assignment of any subdivision agreements, contracts or other documents pertaining to the North Shore Development to any third party.
6. That due to the dissolution of the Company, it is the Affiant's belief that the Company does not have any right or ability to be a party to or execute any current or future amendments to the subdivision agreement for the North Shore Development.

Further Affiant sayeth not.

Dated this 25 day of June, 2019.

  
\_\_\_\_\_  
Gerald L. Torczon

The foregoing instrument was acknowledged before me on this 25 day of June, 2019, by Gerald L. Torczon.



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