COUNTER C.E. / M
VERIFY C.E. / M
PROOF

FEES \$ 58600
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FILED SARPY COUNTY NEBRASKA INSTRUMENT NUMBER

2017-16276

07/11/2017 1:39:36 PM

REGISTER OF DEEDS

SECOND AMENDMENT TO SUBDIVISION AGREEMENT

This Second Amendment to the North Shore Subdivision Agreement ("hereinafter Amendment"). made this the "Second referred to as . 2017, by and between LAKE VIEW 126, LLC, a Nebraska limited liability company, (hereinafter referred to as "DEVELOPER"), SANITARY AND IMPROVEMENT DISTRICT NO. 292 OF SARPY COUNTY, NEBRASKA, (hereinafter referred to as "DISTRICT"), and the CITY OF PAPILLION, a municipal corporation (hereinafter referred to as "CITY"), amends and modifies the Subdivision Agreement adopted by Resolution #R13-0117, dated August 6, 2013, as previously modified by the First Amendment adopted by Resolution #R15-0078, dated April 17, 2015 (hereinafter collectively referred to as the "Agreement").

RECITALS

WHEREAS, DEVELOPER, DISTRICT, and CITY entered into a Subdivision Agreement (hereinafter referred to as the "Original Subdivision Agreement"), dated August 6, 2013, with respect to Lots 1 through 301, inclusive, and Outlots A through D, inclusive, North Shore (collectively "North Shore Phases 1 and 2"); and

WHEREAS, DEVELOPER, DISTRICT, and CITY entered into the First Amendment to the Subdivision Agreement (hereinafter referred to as the "First Amendment"), dated April 17, 2015, with respect to Lots 302 through 362, inclusive, and Outlots E through H, inclusive, North Shore (hereinafter referred to as "North Shore Phase 3"); and

WHEREAS, DEVELOPER and DISTRICT wish to construct certain park improvements associated with Phase 3 including a trail connection to Prairie Queen Recreation Area;

WHEREAS, DEVELOPER, DISTRICT, and CITY wish to agree upon the manner and the extent to which public funds may be expended in connection with the Public Improvements serving the Development Area and the extent to which the contemplated Public Improvements shall specifically benefit property in the Development Area and adjacent thereto and to what extent the Cost of the same shall be specially assessed; and

WHEREAS, the Parties desire to modify the Agreement with respect to the aforementioned sewer system connections and the associated costs for such Public Improvements as set forth herein.

NOW, THEREFORE, in consideration of the above, the Parties agree to the following:

- 1. <u>Incorporation of Recitals</u>. The recitals are hereby incorporated into and deemed a part of this Second Amendment by this reference.
- 2. <u>Capitalized Terms</u>. All capitalized terms used in this Second Amendment shall have the same meanings as set forth in the Agreement except as otherwise defined herein.
- 3. <u>Area of Application</u>. This Second Amendment applies to Lots 1 through 362, inclusive, and Outlots A through H, inclusive.
- 4. <u>Amendments to the Agreement</u>. The Agreement is hereby amended as follows:
 - A. Section II, Subsection R is hereby added to read as follows:

 Dedicated Open Space/NRD Easement Acquisition and Improvements.

 The acquisition of 1) open space as depicted on Exhibit "F" and 2) easement(s) from the Papio-Missouri River NRD (hereinafter referred to as "NRD" and the associated improvements within such open space and NRD easement(s).
 - B. Section IV, Paragraph 1 is hereby repealed in its entirety and amended to read as follows:

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-2" 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-2", 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-2". 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 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 \$5,071,891.58 (the amount shown as the total general obligation on Exhibit "G-2") 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.

- C. Section IV, Subsection H is hereby repealed in its entirety and amended to read as follows:
 - H. Dedicated Open Space/NRD Easement Acquisition and Improvements. The cost of the acquisition of dedicated open space and NRD easement(s) and the associated improvements shall be defrayed as follows:
 - (1) One hundred percent (100%) of the cost of the open space acquisition for Phase 1 and Phase 2 shall be privately financed by DEVELOPER.
 - (2) One hundred percent (100%) of the cost of the open space acquisition for Phase 3 may be borne by general obligation or privately financed by DEVELOPER.
 - (3) Up to one hundred thousand dollars (\$100,000) of construction costs for approved open space improvements within Outlots B and C, approved park improvements on adjacent NRD property, and off-site easement acquisition on adjacent NRD property may be borne by general obligation or privately financed by DEVELOPER. Any construction costs that exceed one hundred thousand dollars (\$100,000) shall be privately financed by DEVELOPER.
 - (4) One hundred percent (100%) of the cost of the park landscaping and park improvements within Phase 3 may be borne by general obligation or privately financed by DEVELOPER.
- D. Section VIII, Subsection A is hereby repealed in its entirety and amended to read as follows:

DISTRICT shall abide by, and incorporate into all of its construction contracts, the provisions required by the regulations of Sarpy County, NDOR, and CITY, as applicable, pertaining to construction of Public Improvements in subdivisions and testing procedures therefor. Said contracts shall also provide that the contractor(s) or subcontractor(s) constructing or installing the Public Improvements shall have no recourse against CITY or DISTRICT for any Costs, claims, or matters arising out of, or related to in any way whatsoever, said construction or installation including, without limitation, the Cost for Public Improvements, construction oversight of the Public Improvements, or the design or preparation of plans and specifications for the Public Improvements.

E. Section IX, Subsection J, shall be repealed in its entirety and amended to read as follows:

Outlots B and C Improvements and Phase 3 NRD Trail Connection. DEVELOPER and DISTRICT shall submit all plans for 1) proposed

C

improvements to Outlots B and C and 2) the Phase 3 trail connection within the WP-5 Recreation Area to CITY and the Papio-Missouri Natural Resources District for review and approval prior to the installation of said improvements to ensure that the improvements complement the WP-5 Recreation Area and that improvements within Outlots B and C function as a park to serve residents of North Shore.

F. Exhibit Modifications.

- (1) Exhibit "D" is hereby amended to include Exhibit "D-2".
- (2) Exhibit "D-1" is hereby repealed.
- (3) Exhibit "F" is hereby amended to include Exhibit "F-2".
- (4) Exhibit "F-1" is hereby repealed.
- (5) Exhibit "G," as adopted by the Original Subdivision Amendment, and Exhibit "G-1," as adopted by the Second Amendment, and all references thereto, are hereby repealed in their entirety and the attached Exhibit "G-2" is hereby substituted in their place.
- 5. <u>No Other Amendment</u>. Except as specifically set forth herein, the Agreement shall remain in full force and effect.
- 6. <u>Binding Effect</u>. This Second Amendment to the Subdivision Agreement shall be binding upon the parties, their respective successors, and assigns.

(Signatures appear on following pages.)

ATTEST:

THE CITY OF PAPILLION, NEBRASKA

Nicole L. Brown, City Clerk

David P. Black, Mayor

SEAL:



Witness my hand and Notarial Seal this W day of July

SANITARY AND IMPROVEMENT DISTRICT

ANDREA M BLEVINS
State of Nebraska-General Notary
My Commission Expires
January 13, 2019

2017.

DEVELOPER:

LAKE VIEW 126, LLC, a Nebraska limited liability company

STATE OF NEBRASKA SS. COUNTY OF SARPY

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

2017.

ANDREA M BLEVINS State of Nebraska-General Notary My Commission Expires January 13, 2019



SUBDIVISION AGREEMENT AMENDMENT TABLE OF CONTENTS

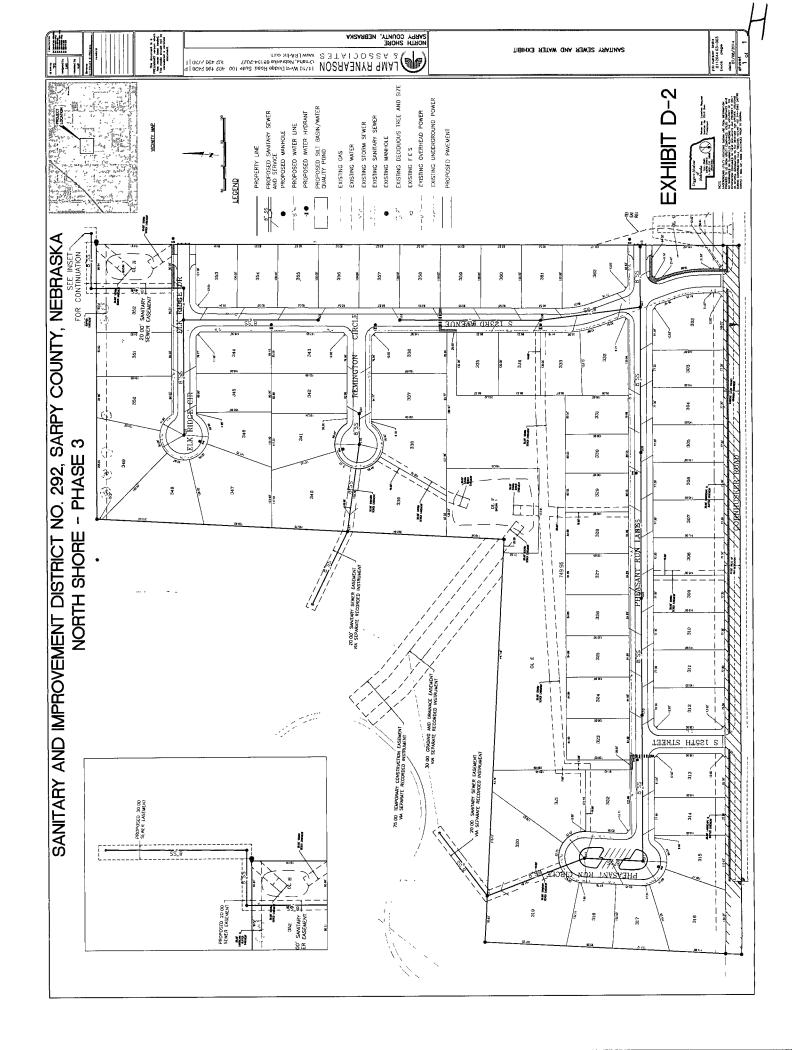
INTRODUCTION STATEMENT

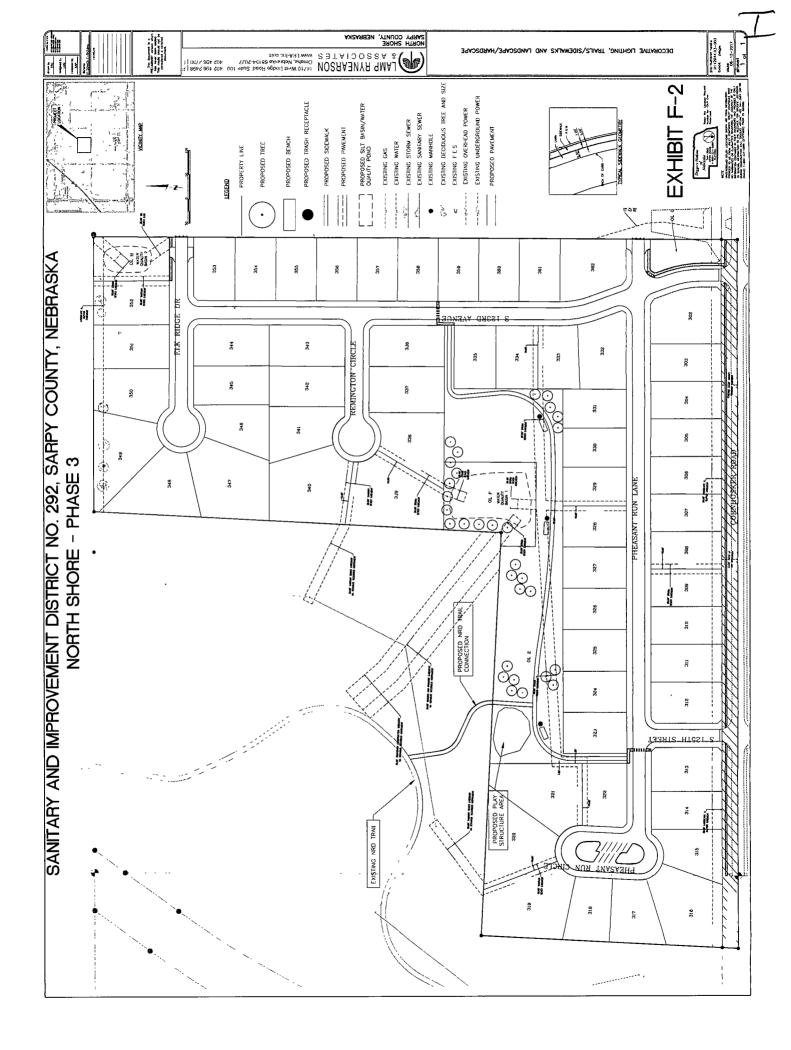
RECITALS

SECTION	1 2 3 4 5 6	Incorporation of Recitals Capitalized Terms Area of Application Amendments to the Agreement No Other Amendment Binding Effect
EVUIDITO		

EXHIBITS:

D-2	Sanitary and Water
F-2	Decorative Lighting, Trails/Sidewalks, and Landscaping/Hardscaping
G-2	Source and Use of Funds





S.I.D. Cost Estimate

North Shore - Phase 1 0112044.01-003 SID 292 6/13/2017 North Shore, Sarpy County SID 292

ORDER OF MAGNITUDE COST ESTIMATE

10946 8346 151	Unit LF LF	Construction Cost \$505,883.68	Total Cost	General Obligation	Special	Papillion Reimbursable	Sarpy Count Reimbursabl
8346		\$505,883.68					
8346		\$505,883.68					
	LF		\$799,040.68	\$163.71	\$798,876 97	\$0 00	\$0.0
151		\$839,155 39	\$1,184,539 90	\$0.00	\$0.00	\$1,184,539 90	\$0.0
	LF	\$3,466.55	\$5,337 34	\$0 00	\$0.00	\$5,337 34	
1	LS	\$249,905 00	\$295,391 79	\$0 00	\$0 00	\$295,391.79	\$0.0
6013	LF	\$385,224 28	\$572,049 50	\$521,102 83	\$0 00	\$0 00	\$50,946 6
36608	SY	\$974,223 31	\$1,384,848 48	\$336,905 17	\$1,047,943 31	\$0,00	\$0.0
20518	SY	\$662,499 43	\$943,583 89	\$294,246 81	\$237,854 15	\$0.00	\$411,482 9
44670	SF	\$248,313 37	\$372,214.45	\$350,643 27	\$0 00	\$0.00	\$21,571 1
1	LS	\$78,655 34	\$109,548 00	\$109,548 00	\$0,00	\$0 00	\$0.0
1	LS	\$89,338.00	\$105,847 43	\$105,847.43	\$0.00	\$0.00	\$0.0
14027	LF	\$561,486.30	\$781,948 60	\$122,399 44	\$659,549 16	\$0.00	\$0 (
188	LOTS	\$549,916 88	\$645,706.09	\$322,853 05	\$322,853.05	\$0 00	\$0.0
1	LS	\$542,400 00	\$601,242 26	\$601,242 26	\$0.00		
188	LOTS	\$165,440 00	\$229,368 03	\$0 00	\$229,368 03	\$0 00	\$0.0
35	EA	\$71,750 00	\$93,547 01	\$93,547 01	\$0.00		
249	SIGNS	\$0 00	\$0.00	\$0.00	\$0.00	\$0 00	\$0
1	LS	\$22,723 35	\$25,682 38	\$25,682,38	\$0.00	\$0 00	\$0 (
1	%	\$0.00	\$0.00	\$0 00	\$0.00	\$0.00	\$0
To	tal [\$5 950 380 88	\$8 149 895 841	\$2.884.181.37	\$3.296.444.67	\$1,485,269 03	\$484,000
	36608 20518 44670 1 1 14027 188 1 188 35 249 1	36608 SY 20518 SY 44670 SF 1 LS 1 LS 14027 LF 188 LOTS 1 LS 188 LOTS 1 LS 188 LOTS 1 LS	36608 SY \$974,223 31 20518 SY \$662,499 43 44670 SF \$248,313 37 1 LS \$78,655 34 1 LS \$89,338.00 14027 LF \$561,486.30 188 LOTS \$549,916 88 1 LS \$542,400 00 188 LOTS \$165,440 00 35 EA \$71,750 00 249 SIGNS \$0 00 1 LS \$22,723 35 1 % \$0 00	36608 SY \$974,223 31 \$1,384,848 48 20518 SY \$662,499 43 \$943,563 89 44670 SF \$248,313 37 \$372,214,45 1 LS \$78,655 34 \$109,548 00 1 LS \$89,338.00 \$105,847 43 14027 LF \$561,486.30 \$781,948 60 188 LOTS \$549,916 88 \$645,706.09 1 LS \$542,400 00 \$601,242 26 188 LOTS \$165,440 00 \$229,368 03 35 EA \$71,750 00 \$93,547 01 249 SIGNS \$0 00 \$0 00 1 LS \$22,723 35 \$25,682 38 1 % \$0 00 \$0 00	36608 SY \$974,223 31 \$1,384,848 48 \$336,905 17 20518 SY \$662,499 43 \$943,583 89 \$294,246 81 44670 SF \$248,313 37 \$372,214,45 \$350,643 27 1 LS \$78,655 34 \$109,548 00 \$109,548 00 1 LS \$89,338.00 \$105,847 43 \$105,847,43 14027 LF \$561,486.30 \$781,948 60 \$122,399 44 188 LOTS \$549,916 88 \$645,706.09 \$322,853 05 1 LS \$542,400 00 \$601,242 26 \$601,242 26 188 LOTS \$165,440 00 \$229,368 03 \$0 00 35 EA \$71,750 00 \$93,547 01 \$93,547 01 249 SIGNS \$0 00 \$0 00 1 LS \$22,723 35 \$25,682 38 \$25,682,38 1 % \$0 00 \$0 00	36608 SY \$974,223 31 \$1,384,848 48 \$336,905 17 \$1,047,943 31 20518 SY \$662,499 43 \$943,583 89 \$294,246 81 \$237,854 15 44670 SF \$248,313 37 \$372,214,45 \$350,643 27 \$0 00 1 LS \$78,655 34 \$109,548 00 \$109,548 00 \$0.00 1 LS \$89,338.00 \$105,847 43 \$105,847.43 \$0 00 14027 LF \$561,486.30 \$781,948 60 \$122,399 44 \$659,549 16 188 LOTS \$549,916 88 \$645,706.09 \$322,853.05 1 LS \$542,400 00 \$601,242 26 \$601,242 26 \$0 00 188 LOTS \$165,440 00 \$229,368 03 \$0 00 \$229,368 03 35 EA \$71,750 00 \$93,547 01 \$93,547 01 \$0 00 249 SIGNS \$0 00 \$0 00 \$0 00 \$0 00 1 LS \$22,723 35 \$25,682 38 \$25,682,38 \$0 00 1 W \$0 00	36608 SY \$974,223 31 \$1,384,848 48 \$336,905 17 \$1,047,943 31 \$0.00 20518 SY \$662,499 43 \$943,583 89 \$294,246 81 \$237,854 15 \$0.00 44670 SF \$248,313 37 \$372,214,45 \$350,643 27 \$0.00 \$0.00 1 LS \$78,655 34 \$109,548 00 \$109,548 00 \$0.00 \$0.00 1 LS \$89,338.00 \$105,847 43 \$105,847.43 \$0.00 \$0.00 14027 LF \$561,486.30 \$781,948 60 \$122,399 44 \$659,549 16 \$0.00 188 LOTS \$549,916 88 \$645,706.09 \$322,853.05 \$322,853.05 \$0.00 1 LS \$771,750 00 \$93,547 01 \$93,547 01 \$0.00 249 SIGNS \$0.00 \$0.00 \$0.00 \$0.00 1 LS \$22,723 35 \$25,882 38 \$25,682,38 \$0.00 \$0.00 1 No \$0.00 \$0.00 1 No \$0.00 \$0.00 1 No \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 1 No \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 1 No \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 1 No \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

Residential Valuation 188 \$68,808,000 00 Debt Ratio (95% Valuation) 4 41% Lots

Phase I Specials (Excluding Power)

\$3,067,076 64

Total Area - Phase I 105 98 Ac School Lot Area 10.64 Ac 10.09 Estimated School Specials (based on % of Total Area)

Total Valuation 95% Valuation

10.0%

\$68,808,000.00 \$65,367,600.00

\$307,934.49

\$2,988,510,17

Net Total Specials - Phase 1 Phase 1 - Residential 188 Estimated Phase 1 - Specials per Lot

\$15,896.33

Page 2 of 35 ESTIMATE 0112044 Phase 1 with Bids xlsx 6/12/2017 1 15 PM

North Shore - Final Plat

DEBT RATIO

ASSUMPTIONS

J

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

Residential Lot

188 Units = \$50,000.00 = \$9,400,000.00

Residential Improvements

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 = 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)

	Rid Ham Description	Approximate Quantity	Unit	Unit Price	Tot
	Bid Item Description	Quantity	Omi	Onterrice	
1.	CONSTRUCT 6" SANITARY SEWER PIPE	6,156	LF	12 83	\$78,981.4
2 .	CONSTRUCT 8" SANITARY SEWER PIPE	10,946	LF	13 48	\$147,552.0
3 .	CONSTRUCT 54" I D SANITARY MANHOLE (64 EA)	768 4	VF	244.66	\$187,996.7
4.	CONSTRUCT 8" X 6" WYE	135	EA	44.02	\$5,942.7
5.	CONSTRUCT MANHOLE STUBOUT	53	EA	73 21	\$3,880
6.	CONSTRUCT 6" PIPE PLUG	188	EA	6 98	\$1,312
7.	CONSTRUCT 8" PIPE PLUG	7	EA	13 91	\$97
, . 8 .	CONSTRUCT 6" PIPE BEDDING	6.156	LF	4 19	\$25,793
o. 9	CONSTRUCT 8" PIPE BEDDING	10,946	LF	4 47	\$48,928
-	EXCAVATION FOR EXTRA DEEP SANITARY SEWER	1.537		3 58	\$5,502
0.	CONSTRUCT MANHOLE RING COLLAR	4		276.55	\$1,106.
1.	CONSTRUCT MANHOLE RING COLLAR CONSTRUCT 8" CONNECTION TO EXISTING STRUCTURE	2		613.69	\$1,227
2.		2	EA	013.09	\$1,221
	CONSTRUCT 54" I.D. SANITARY MANHOLE OVER EXISTING			272.40	\$0
3.	SANITARY PIPE	0	VF	273,40	
4	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	83	TN	22.93	\$1,903
5	CONSTRUCT EXTERNAL FRAME SEAL	4	EA	250 25	\$1,001
6	SEEDING - TYPE "TEMPORARY SEED MIX"	0.00		285 47	\$0
7.	HAY OR STRAW MULCH	0.00		0 01	\$0
8.	CONSTRUCT SILT FENCE	58	LF	2 11	\$122
9	CLEANOUT SILT FENCE	0	LF	0 74	\$0
0	CLEANOUT SILT BASIN	0	CY	2 50	\$0
	LESS FAILED TESTS AND VIDEO RE-INSPECTION				-\$5,463.
		Construction Costs:			\$505,883
	`		Soft Costs		
			Engineering	Design & CA:	\$122,300.
			Testing.	-	\$39,933
			Review Fee:		\$5,876
			Legal:		\$25,294
			Fiscal ²		\$36,872
			Interest:		\$62,880
		Total Soft Costs:			\$293,157
		Total Project Costs:			\$799,040





Tota	Unit Price	Approximate Quantity Unit	Pidle - Brandston	
lota	Unit Price	Quantity Unit	Bid Item Description	
\$10,357 0	10,357.05	1 LS	CLEARING AND GRUBBING GENERAL	1.
\$122 59	122.59	1 EA	REMOVE 8" PIPE PLUG	2
\$122,5	122 58	1 EA	REMOVE 15" PIPE PLUG	3
\$122.58	122.58	1 EA	REMOVE 18" PIPE PLUG	4.
\$490 40	12,26	40 LF	REMOVE AND REPLACE FENCE	5,
\$1,239 30	13.77	90 LF	CONSTRUCT 6" SANITARY SEWER PIPE	6
\$139.50	13 95	10 LF	CONSTRUCT 6" DRAINAGE COLLECTION PIPE	7
\$15,546 0	16 06	968 LF	CONSTRUCT 8" SANITARY SEWER PIPE	8
\$45,222 60	25 99	1,740 LF	CONSTRUCT 15" SANITARY SEWER PIPE	9
\$187,350 7	33 23	5,638 LF	CONSTRUCT 18" SANITARY SEWER PIPE	10
\$282 60	3 14	90 LF	CONSTRUCT 6" PIPE BEDDING	11
\$3,184 72	3.29	968 LF	CONSTRUCT 8" PIPE BEDDING	12 .
\$6,960 00	4 00	1,740 LF	CONSTRUCT 15" PIPE BEDDING	13 .
\$29,535.03	5 67	5,209 LF	CONSTRUCT 18" PIPE BEDDING	14
\$2,491.16	5 74	434 LF	CONSTRUCT 18" 47 B PIPE BEDDING	15.
\$29,170.1	29,170 17	1 LS	DEWATERING	16
			PILOT TUBE AUGER BORE 15" SANITARY SEWER PIPE WITH 24"	
\$32,595.6	313.42	104 LF	CASING PIPE	17.
			PILOT TUBE AUGER BORE 18" SANITARY SEWER PIPE WITH 30"	
\$144,003 4	394.53	365 LF	CASING PIPE	18.
			SEAMLESS NEOPRENET END SEAL WITH STAINLESS STEEL	
\$2,069 7	344.95	6 EA	BANDING STRAPS	19,
\$5,531 0	110.62	50 LF	BORE 15" SANITARY SEWER PIPE	20
			CONSTRUCT 54" I D WATERTIGHT MANHOLE WITH BOLTED	
\$90,060 7	339 98	264 9 VF	WATERTIGHT COVER (22EA)	21 .
			CONSTRUCT 54" I.D. WATERTIGHT MANHOLE WITH BOLTED	
\$5,159 4	373 87	13 8 VF	WATERTIGHT COVER OVER EXISTING 8" SANITARY PIPE (2EA)	22 .
			CONSTRUCT 54" I D WATERTIGHT MANHOLE WITH BOLTED	
\$7,013.2	363 38	19 3 VF	WATERTIGHT COVER OVER EXISTING 15" SANITARY PIPE (1EA)	23 ,
			CONSTRUCT 54" FLATTOP MANHOLE WITH BOLTED WATER	
\$21,959 2	504 81	43 5 VF	TIGHT COVER (5 EA)	24
\$31,567 4	28 00	1,127 41 TN	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	25
\$7,540 0	2.08	3,625 VF-LF	EXCAVATION FOR EXTRA DEEP SANITARY SEWER	26
\$38,604.4	38,604 45	1 LS	SHORING AND EXCAVATION FOR MANHOLE S04	27
\$14,460.5	578 42	25 EA	EXTERNAL FRAME SEAL	28 .
\$2,228 4	371 41	6 EA	CONSTRUCT MANHOLE RING COLLAR	29 .
\$1,105 9	184.33	6 EA	CONSTRUCT CLAY PLUG	30 .
\$3,565 5	23 77	150 TN	CONSTRUCT FILTER DIAPHRAGM	31.
\$658 6	658 64	1 EA	CONSTRUCT DRAIN PIPE OUTLET PAD	32
\$25,668.0	3 72	6,900 LF	CONSTRUCT TOPSOIL DIVERSION BERM	33
\$0.0	2 95	0 LF	CONSTRUCT SILT FENCE	34 .
\$0.0	0 74	0 LF	CLEANOUT SILT FENCE	35
\$0.0	0.37	0 LF	REMOVE SILT FENCE	36
\$0.0	29.92	0 TN	CONSTRUCT ROCK ACCESS ROAD	37 .
\$0.0	1,474 90	0 0 AC	SEEDING - TYPE "B"	38
\$1,096.9	1,290 54	0 85 AC	SEEDING - TYPE "DRAINAGEWAYS"	39
\$8,884.4	1,124.61	7 90 AC	SEEDING - TYPE "PRAIRIE SEED"	40 .
\$4,697.5	559 23	8 4 AC	STRAW MULCH	41
\$2,212 3	1 29	1,715 SY	ROLLED EROSION CONTROL, TYPE II	42 .
\$0.0	\$0.00	0 EA	ALTERNATE NO. 1 DELETED	43
			CHANGE ORDER NO. 1	
\$23,476 4	\$23,476 43	1 EA	CONSTRUCT 72" SAMPLING MANHOLE AND EQUIPMENT CHANGE ORDER NO. 2	44
\$34,402,7	\$34,402.71	1 LS	BORING OBSTRUCTION EXCAVATION BETWEEN MANHOLES	
₽34,402. /	934,4UZ./ I	1 L3	S04 AND S05	45
-\$1,743.5			LESS FAILED TESTS AND VIDEO RE-INSPECTION	

		-\$1,743,53
Construction Co	sts:	\$839,155.39
	Soft Costs	
	Engineering Design & CA:	\$139,054 36
	Wetland Delineation:	\$1,640 00
	Testing.	\$25,906 55
	Review Fee:	\$8,772 43
	Legal:	\$41,957 79
	Fiscal.	\$54,647.65
	Interest:	\$73,405 73
Total Estimated	Soft Costs:	\$345,384 51
Total Estimated	Costs:	\$1,184,539 90



L \Engineering\0112044\DESIGN DATA\

\$5,337 34

SANITARY SEWER - BASEBALL STADIUM OUTFALL Assumptions/Comments: FINAL Included in Sanitary Sewer Section 1

	Bid Item Description	Approximate Quantity Unit	Unit Price	Total
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
-	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
		Soft Costs	i	. ,
		Engineering	g Design & CA:	\$700 00
		Testing.	g Design & OA.	\$273.64
		Review Fee	•	\$40.27
		Legal:	•	\$173.33
		Fiscal:		\$252.67
		Interest:		\$430.89
		Total Soft Costs:		\$1,870 79

Total Costs:



North Shore - Final Plat



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SANITARY SEWER OUTFALL - WESTERN SPRINGS OUTFALL SEWER EASEMENT ACQUISITION Assumptions/Comments: FINAL

	Bid Item Description	Approximate Quantity Unit	Unit Price	Tota
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 9	Soft Costs	
		Legat·		\$4,998.10
		Fiscal:		\$13,626 46
		Interest:		\$26,862 23
		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

		Approximate			
	Bid Item Description	Quantity	Unit	Unit Price	Total
1.	CONSTRUCT 6" SANITARY SEWER PIPE	0	LF	12 83	\$0 00
2.	CONSTRUCT 8" SANITARY SEWER PIPE	0	LF	13 48	\$0 00
3.	CONSTRUCT 54" I D SANITARY MANHOLE (64 EA)	0	VF	244 66	\$0.00
4.	CONSTRUCT 8" X 6" WYE	0	EA	44 02	\$0.00
5	CONSTRUCT MANHOLE STUBOUT	0	EA	73.21	\$0 00
6.	CONSTRUCT 6" PIPE PLUG	0	EA	6 98	\$0.00
7	CONSTRUCT 8" PIPE PLUG	0	EA	13,91	\$0.00
8.	CONSTRUCT 6" PIPE BEDDING	0	LF	4 19	\$0.00
9	CONSTRUCT 8" PIPE BEDDING	0	LF	4 47	\$0 00
10	EXCAVATION FOR EXTRA DEEP SANITARY SEWER	0	VF-LF	3 58	\$0.00
11.	CONSTRUCT MANHOLE RING COLLAR	0	EA	276.55	\$0.00
12	CONSTRUCT 8" CONNECTION TO EXISTING STRUCTURE	0	EA	613 69	\$0.00
	CONSTRUCT 54" I.D. SANITARY MANHOLE OVER EXISTING SANITARY				
13 .	PIPE	0	VF	273 40	\$0.00
14	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	0	TN	22 93	\$0 00
15	CONSTRUCT EXTERNAL FRAME SEAL	0	EA	250.25	\$0.00
16 .	SEEDING - TYPE "TEMPORARY SEED MIX"	0 00	AC	285 47	\$0 00
17	HAY OR STRAW MULCH	0 00	AC	0 01	\$0.00
18 .	CONSTRUCT SILT FENCE	58	LF	2 11	\$122 38
19	CLEANOUT SILT FENCE	0	LF	0 74	\$0 00
20	CLEANOUT SILT BASIN	0	CY	2 50	\$0.00

Estimated Construction Costs:	\$122 38

Estimated Soft Costs

Engineering Design & CA. Testing: Review Fee. Legal: Fiscal: Interest: \$0 00 \$9 66 \$1 42 \$6 12 \$8.92 \$15 21

Total Estimated Soft Costs: \$41 33

\$163 71 **Total Estimated Costs:**



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 Quantity Unit	Unit Price	Total
1,	CLEARING AND GRUBBING GENERAL	1 00 LS	\$10,357 05	\$10.357.05
2	REMOVE 8" PIPE PLUG	1 00 EA	\$122 59	\$122 59
3.	REMOVE 15" PIPE PLUG	1 00 EA	\$122 58	\$122 58
4.	REMOVE 18" PIPE PLUG	1.00 EA	\$122 58	\$122 58
5.	REMOVE AND REPLACE FENCE	40 00 LF	\$12 26	\$490.40
6	CONSTRUCT 6" SANITARY SEWER PIPE	90.00 LF	\$13 77	\$1,239 30
7	CONSTRUCT 6" DRAINAGE COLLECTION PIPE	10.00 LF	\$13 95	\$139.50
8	CONSTRUCT 8" SANITARY SEWER PIPE	968.00 LF	\$16.06	\$15,546 08
9	CONSTRUCT 15" SANITARY SEWER PIPE	1,740.00 LF	\$25 99	\$45,222 60
10	CONSTRUCT 18" SANITARY SEWER PIPE	5,638 00 LF	\$33 23 \$3 14	\$187,350 74 \$282 60
11	CONSTRUCT 6" PIPE BEDDING	90 00 LF 968,00 LF	\$3 14 \$3,29	\$3,184 72
12 13	CONSTRUCT 8" PIPE BEDDING CONSTRUCT 15" PIPE BEDDING	1,740.00 LF	\$4.00	\$6,960 00
13	CONSTRUCT 15 PIPE BEDDING 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
10	PILOT TUBE AUGER BORE 15" SANITARY SEWER PIPE WITH 24"	1.00 20	425 ,175 17	7=-1
17.	CASING PIPE	104 00 LF	\$313,42	\$32,595 68
17.	PILOT TUBE AUGER BORE 18" SANITARY SEWER PIPE WITH 30"		*	
18	CASING PIPE	365 00 LF	\$394 53	\$144,003 45
	SEAMLESS NEOPRENET END SEAL WITH STAINLESS STEEL BANDING			
19,	STRAPS	6 00 EA	\$344 95	\$2,069 70
20	BORE 15" SANITARY SEWER PIPE	50.00 LF	\$110 62	\$5,531 00
	CONSTRUCT 54" I D WATERTIGHT MANHOLE WITH BOLTED			
21.	WATERTIGHT COVER (22EA)	264 90 VF	\$339 98	\$90,060 70
	CONSTRUCT 54" I D WATERTIGHT MANHOLE WITH BOLTED			
22	WATERTIGHT COVER OVER EXISTING 8" SANITARY PIPE (2EA)	13.80 VF	\$373 87	\$5,159.41
	CONSTRUCT 54" I D. WATERTIGHT MANHOLE WITH BOLTED			
23.	WATERTIGHT COVER OVER EXISTING 15" SANITARY PIPE (1EA)	19 30 VF	\$363 38	\$7,013 23
	CONSTRUCT 54" FLATTOP MANHOLE WITH BOLTED WATER TIGHT			
24 .	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 \$2,212 35
42	ROLLED EROSION CONTROL, TYPE II	1,715.00 SY	\$1 29	\$2,212 33
	ALTERNATE NO. 1	0.00 54	\$0.00	\$0.00
43 .	DELETED	0 00 EA	\$0.00	\$0.00
	CHANGE ORDER NO. 1	4.00 0	\$23,476 43	\$23,476 43
44 .	CONSTRUCT 72" SAMPLING MANHOLE AND EQUIPMENT	1 00 LS	923,470 43	\$25,470.45
	CHANGE ORDER NO. 2			
	BORING OBSTRUCTION EXCAVATION BETWEEN MANHOLES S04 AND	1 00 LS	\$34,402 71	\$34,402 71
45	S05	100 L3	954,402 / 1	454,402 71
	LESS FAILED TESTS AND VIDEO RE-INSPECTION			-\$1,743 53
		Construction Costs:		\$839,155 39
			I Soft Costs	4000,100 00
		Latinated	T DOIL GOSLS	
		Engineero	ng Design & CA:	\$139,054.36
		Wetland D		\$1,640.00
		Testing:		\$25,906 55
		Review Fe	e:	\$8,772.43
		Legal [.]		\$41,957 79
		Fiscal:		\$54,647 65
		Interest:		\$73,405.73
		Total Soft Costs:		\$345,384.51
		T-4-I Osster		e4 404 500 00
		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 Quantity		Unit Price	Total
1	CONSTRUCT 8" SANITARY SEWER PIPE	151	LF	\$ 13 48	\$2,035 48
2.	CONSTRUCT 8" PIPE BEDDING	151	ĻF	\$4 47	\$674 97
3	CONSTRUCT MANHOLE RING COLLAR	1	ĒΑ	\$276 55	\$276 55
4	CONSTRUCT EXTERNAL FRAME SEAL		EA	\$250 25	\$250.25
5	STABILIZATION TRENCH W/ CRUSHED LIMESTONE CONSTRUCT 54" I D. SANITARY MANHOLE OVER EXISTING SANITARY	10	TN	\$22 93	\$229 30
6	PIPE		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:	Soft Costs	ì	\$3,466 55
			Engineerin	g Design & CA:	\$700 00
			Testing:		\$273 64
			Review Fee	3 ·	\$40 27
			Legal:		\$173 33
			Fiscal [.]		\$252 67
			Interest [.]		\$430 89
		Total Soft Costs:			\$1,870 79
		Total Costs:			\$5,337 34



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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	Tota
	Did item Description			1000
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
11.04-2		Estimated Construction Costs:		\$249,905 00
		Estimated	Soft Costs	
		Legal:		\$4,998 10
		Fiscal:		\$13,626 46
		Interest.		\$26,862 23
		Total Estimated Soft Costs:		\$45,486 79
		Total Estimated Costs:		\$295,391 79



STORM SEWER

Assumptions/Comments:



Final

			Approximate		
Tota	Unit Price	Unit	Quantity	Bid Item Description	
\$1,565 0	1,565.00	LS	1	CLEARING AND GRUBBING - GENERAL	1.
\$1,255.0	1,255 00	LS	1	GRADING AND SHAPING - GENERAL	2.
\$37,551,7	20 30	LF	1,849.84	CONSTRUCT 18" R.C.P., CLASS III	3.
\$48,732.8	26,60	LF	1,832,06	CONSTRUCT 24" R.C.P., CLASS III	4.
\$30,236.8	35.20	LF	859	CONSTRUCT 30" R.C.P., CLASS III	5.
\$44,422.2	47,30	LF	939.16	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	6.
\$32,749.7	61.45	LF	532.95	CONSTRUCT 42" R.C.P., D(0.01) = 1,350	7.
\$33,284.1	336.00	VF	99.06	CONSTRUCT 54" I.D. MANHOLE (7 EA)	8.
\$23,714.5	388.00	VF	61.12	CONSTRUCT 66" I.D. MANHOLE (5 EA)	9.
\$7,370 0	3.95	LF	1,865.84	CONSTRUCT 18" PIPE BEDDING	10 .
\$8,924 2	4.85	LF	1,840.06	CONSTRUCT 24" PIPE BEDDING	11
\$5,505.4	6.35	LF	867	CONSTRUCT 30" PIPE BEDDING	12 .
\$10,324.0	10.90	LF	947.16	CONSTRUCT 36" PIPE BEDDING	13 .
\$7,081.4	12.90	LF	548.95	CONSTRUCT 42" PIPE BEDDING	14 .
\$1,750 0	875 00	EA	2	CONSTRUCT 18" R.C. FLARED END SECTION W/BAR GRATE	15 .
\$1,030 0	1,030.00	EA	1	CONSTRUCT 24" R.C. FLARED END SECTION W/BAR GRATE	16 .
\$1,160.0	1,160.00	EA	1	CONSTRUCT 30" R.C. FLARED END SECTION W/BAR GRATE	17.
\$1,480 0	1,480.00	EA	1	CONSTRUCT 36" R.C. FLARED END SECTION W/BAR GRATE	18.
\$3,660.0	1,830.00	EA	2	CONSTRUCT 42" R.C. FLARED END SECTION W/BAR GRATE	19
				CONSTRUCT 54" AREA INLET - TYPE II	
\$2,119.3	355.00	VF	5 97	(1 EA)	20 .
				CONSTRUCT 72" AREA INLET - TYPE II	
\$3,565.8	420.00	VF	8.49	(1 EA)	21.
\$0.0	20.20	TN	0	STABILIZE TRENCH W/ CRUSHED LIMESTONE	22 .
\$2,034.4	37.80	TN	53.82	CONSTRUCT ROCK RIP-RAP - TYPE "C"	23.
\$71,626.0	71,626.00	LS	1	REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER	24
\$3,581.3	3,581,30	LS	1	CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION	25
\$500.0	1,000.00	AC	0.5	SEEDING - TYPE "TEMPORARY SEED MIX"	26 .
\$0.0	1,000 00	AC	0	STRAW MULCH	27 .
\$0.0	3.50	LF	0	CONSTRUCT SILT FENCE	28 .
\$0.0	0 50	LF	0	CLEANOUT SILT FENCE	29 .
\$0.0	2.00	CY	0	CLEANOUT SILT BASIN	30.

Construction C	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 Cos	ts:	\$186,825.22

ESTIMATE 0112044 Phase 1 with Bids.xlsx

\$572,049.50

Total Costs:

0112044.01-002



STORM SEWER G.O.

Assumptions/Comments:

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

	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
10.	CONSTRUCT 54" AREA INLET - TYPE II	_		.,,	*-,
20 .	(1 EA)	5 97	VF	355.00	\$2,119,35
20 .	CONSTRUCT 72" AREA INLET - TYPE II	• • • • • • • • • • • • • • • • • • • •		555.55	+= ,
21 .	(1 EA)	8.49	VF	420.00	\$3,565,80
22 .	STABILIZE TRENCH W/ CRUSHED LIMESTONE	0.10	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	i	LS	3,581 30	\$3,581.30
26 .	SEEDING - TYPE "TEMPORARY SEED MIX"	0.5	AC	1,000 00	\$500.00
20 . 27 .	STRAW MULCH	0.0	AC	1,000.00	\$0.00
28 .	CONSTRUCT SILT FENCE	o	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
30 .	GLEAROUT SILT BASIN			2.00	
		Construction Costs	:		\$385,224.28
			Soft Costs		
			Engineering	ı 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 6
		Total Soft Costs:			\$186,825.22
		Total Costs:			\$572,049.50

(50% of Construction, Engineering and Testing)



STORM SEWER (Boulevard GO & Reimubursable)

Assumptions/Comments:



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

		Approximate		
	Bid Item Description	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 Sto	m Section I	, ,
		Soft Costs		
			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 Boulev	ard:	\$42,517.50
		Total Costs Storm Boulevard:		\$123,601.31
		Sarpy County Reimbursable C	osts:	\$50,946.67

0112044.01-002

PAVING SECTION 1 - TOTAL

North Shore - Final Plat



	Total	
Construction Costs:	\$1,636,722.74	
Engineering Design & Const Admin:	\$356,750.95	
Testing:	\$30,556.00	
Maintenance (Barricades):	\$1,847.72	
Review Fee:	\$18,068.75	
egal:	\$81,836.14	
iscal:	\$107,735.58	
nterest:	\$94,914.49	
Total Project Costs:	\$2,328,432.37	



PAVING MINOR

Assumptions/Comments:



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

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Tota
	ва нет респриот	Quantity	Unit	OIIII Frice	1014
1.	REMOVE TEMPORARY CURB	0	LF	7.42	\$0.00
2.	7" CONCRETE PAVEMENT - TYPE L65	36,608	SY	23.23	\$850,403.84
3.	COMMON EARTH EXCAVATION	12,203	CY	1.94	\$23,673.1
4.	MEDIAN SURFACING	0.1	SF	7 02	\$0.00
5.	CONSTRUCT MEDIAN NOSE		EA	183.75	\$0.00
6.	CONSTRUCT DETECTABLE WARNING	0	SF	21 00	\$0.0
7.	ADJUST MANHOLE TO GRADE	58	EA	164 30	\$9,529.40
8.	EXTERNAL FRAME SEAL	> 54	EA	302 78	\$16,350.1
9.	CONSTRUCT BURIED LUG HEADER	2 0	EA	105 00	\$0.0
10 .	CONCRETE HEADER	100	LF	6 70	\$670.0
11 .	CONSTRUCT END OF STREET BARRICADE	0	EA	790 72	\$0.0
12.	REMOVE TEMPORARY INLET BASE	1	EA	100 00	\$100.0
13.	CONSTRUCT CURB INLET - TYPE I	25	EA	1,620 00	\$40,500.0
14.	CONSTRUCT CURB INLET - TYPE III	10	EA	1,920 00	\$19,200.0
15.	BARRICADES - TYPE II	200	BD	0 48	\$0.0
16 .	BARRICADES - TYPE III	0	BD	1 17	\$0.0
17.	TOPSOIL ISLANDS	0	CY	9.36	\$0.0
8.	SEEDING - TYPE "TEMPORARY SEED MIX"	0	AC	159.00	\$0.0
9.	STRAW MULCH	0	AC	424 00	\$0.0
20 .	CONSTRUCT SILT FENCE	0	LF	2 65	\$0.0
21.	CLEANOUT SILT FENCE	0	LF	2.10	\$0.0
22 .	CLEANOUT SILT BASIN	0	CY	3.00	\$0.0
23 .	JET EXISTING SANITARY SEWER	11,097	LF	0 64	\$7,102.0
24 .	CONSTRUCT MOW STRIP	0	SF	8 25	\$0.0
	PER CHANGE ORDER NO. 1	(•
25		0	LF	5.43	\$0.0
25 .	9" CONCRETE PAVEMENT - TYPE L65 (COST INCREASE FROM 7" TO 9")	<u></u>	LF	5.45	φυ.υ
26 .	PER CHANGE ORDER NO. 2 TRAFFIC CIRCLE REINFORCING - NO. 5 BARS @ 2'9" ON CENTER PER CHANGE ORDER NO. 3	() () () () () () () () () ()	SY	0 97	\$0.0
22		1	10	\$3,722.95	\$3,722,9
27 .	REMOVE AND RELOCATE LIGHT POLE AND BASE	1		\$4,947.50	\$4,947.5
28 .	EROSION MAINTENANCE	'	LO	\$4,947.50	Ф 4,341, 2
	ADDITIONAL EXCAVATION OF INTERSECTIONS AND MANHOLE	4		#C 002 26	ec 000 0
29 .	ADJUSTMENTS	1	LO	\$6,902.36	\$6,902.3
	PER CHANGE ORDER NO. 4	0		\$15 00	\$0.0
30.	SAWCUT AND REMOVE CURB AND GUTTER - 123RD AVENUE	0			\$0.0
31 .	SAWCUT AND REMOVE CURB AND GUTTER - LINCOLN BOULEVARD			\$15 00 \$7.00	
32 .	ADDITIONAL TIE BARS		EA	\$7.00	\$0.0
	ADJUST RCP AND POUR CONCRETE FOR CONNECTION BETWEEN 2			*****	***
33 .	INLETS ON NORTH END OF 120TH STREET	0	EA	\$750.00	\$0.0
	LESS FAILED CORINGS				-\$1,050.0
	LESS FAILED COMPACTION TEST				-\$660.0
	LESS PAVEMENT PAY ADJUSTMENT				-\$7,168.1
		Construction Costs	: Of Total Pavi	na Section I	\$974,223.3
			Soft Costs	ng, 2000011	

			-	Design & CA	\$212,348.1
			Testing:		\$18,187.
				e (Barricades):	\$0
			Review Fee:		\$10,755
			Legal:		\$48,711.
			Fiscal:		\$64,127.
			Interest:		\$56,495.
		Total Soft Costs:			\$410,625 ·
		Total Costs:			



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

Assumptions/Comments:

SEE PAVING MINOR ABOVE

HIGHLIGHTED ITEMS REFLECTS SHARED QUANTITIES WITH PAVING MINOR

		Approximate			
	Bid Item Description	Quantity	Unit	Unit Price	Total
1.	REMOVE TEMPORARY CURB		LF	7 42	\$0 00
2.	7" CONCRETE PAVEMENT - TYPE L65	20,518		23 23	\$476,633.14
3.	COMMON EARTH EXCAVATION	6,839		1 94	\$13,268.31
4.	MEDIAN SURFACING	1,656		7 02	\$11,625,12
5.	CONSTRUCT MEDIAN NOSE	10	EA	183.75	\$1,837.50
6.	CONSTRUCT DETECTABLE WARNING		SF	21 00	\$1,848.00
7.	ADJUST MANHOLE TO GRADE		EA	164.30	\$1,478.70
8.	EXTERNAL FRAME SEAL		EA	302 78	\$2,725.02
9.	CONSTRUCT BURIED LUG HEADER	Lanca de la constante de la co	EA	105 00	\$105.00
10 .	CONCRETE HEADER		LF	6 70	\$167.50
11.	CONSTRUCT END OF STREET BARRICADE		EA	790.72	\$0.00
2.	REMOVE TEMPORARY INLET BASE		EA	100.00	\$0.00
13 .	CONSTRUCT CURB INLET - TYPE I		EA	1,620 00	\$17,820.00
4.	CONSTRUCT CURB INLET - TYPE III		EA	1,920.00	\$1,920.00
5.	BARRICADES - TYPE II	÷ 840		0 48	\$403.20
6.	BARRICADES - TYPE III		BD	1 17	\$0.00
7.	TOPSOIL ISLANDS	1,650		9 36	\$15,444.00
8.	SEEDING - TYPE "TEMPORARY SEED MIX"		AC	159.00	\$0.00
9.	STRAW MULCH		AC	424 00	\$0.00
20.	CONSTRUCT SILT FENCE		LF	2.65	\$0.00
21	CLEANOUT SILT FENCE		LF	2 10	\$0.00
22 .	CLEANOUT SILT BASIN		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	Section of the sectio	•		
26 .	TRAFFIC CIRCLE REINFORCING - NO. 5 BARS @ 2'9" ON CENTER	1,060	SY	0 97	\$1,028 20
	PER CHANGE ORDER NO. 3	3	•		
27 .	REMOVE AND RELOCATE LIGHT POLE AND BASE	0	LS	\$3,722.95	\$0.00
28 .	EROSION MAINTENANCE	***************************************	LS	\$4,947.50	\$0.00
.0 .	ADDITIONAL EXCAVATION OF INTERSECTIONS AND MANHOLE	4		* - ,	• • • • • • • • • • • • • • • • • • • •
29 .	ADJUSTMENTS	, ,	LS	\$6,902 36	\$0.00
20.	PER CHANGE ORDER NO. 4	L	,	*-,	•
30 .	SAWCUT AND REMOVE CURB AND GUTTER - 123RD AVENUE	124	l F	\$15.00	\$1,860.00
30 . 31	SAWCUT AND REMOVE CURB AND GUTTER - LINCOLN BOULEVARD	122		\$15.00	\$1.830.00
32 .	ADDITIONAL TIE BARS		EA	\$7.00	\$343.00
32 .	ADJUST RCP AND POUR CONCRETE FOR CONNECTION BETWEEN 2	. 70		\$ 7.00	\$0.00
22	INLETS ON NORTH END OF 120TH STREET	1	EA	\$750.00	\$750.00
33 .	INLETS ON NORTH END OF IZOTH STREET	terminate estimate establishment faither executables	,	ψ/30.30	ψ, 00.00
		Construction Costs);		\$662,499.43
		40.5%	Of Total Pa	ving, Section I	
			Soft Cost	s Paving Boulevard	
				g Design & CA	\$144,402.77
			Testing:		\$12,368 21
			Maintenan	ce (Barricades):	\$1,847.72
			Review Fee	9:	\$7,313.72
			Legal:		\$33,124.97
			Fiscal:		\$43,608.3
			Interest:		\$38,418.72
		Total Soft Costs Pa	ving Boul	evard:	\$281,084.46

\$411,482.92

\$532,100.96

Sarpy County Reimbursable Costs:

Total Paving Boulevard Costs:

(50% of Construction, Engineering and Testing)



PAVING IN EXCESS OF 6" THICK

Assumptions/Comments:

Total pavement in excess of $6^{\prime\prime}$ 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 7.8% Of	:: Total Paving, Section I	\$127,309 61
		Soft Costs	<u>3</u>	
		Testing:	g Design & CA ce (Barrıcades): o:	\$27,749.25 \$2,376.74 \$0.00 \$1,405.45 \$6,365.48 \$8,380.02 \$7,382.76
		Total Estimated Soft Costs:	13%	\$16,150.95
		Total Estimated Costs:		\$143,460.56
FORMULA	PAVEMENT MINOR QUANTITY - G.O. PAVEMENT MINOR QUANTITY Pavement SY X (1/7") = 1" Pavement SY	36,608 SY 3,297 SY 33,311 SY 4,759 SY		
FORMULA	BOULEVARD PAVEMENT QUANTITY - SARPY COUNTY CONTRIBUTION - G O. BOULEVARD PAVEMENT QUANTITY	20,518 SY 10,259 SY 5,207 SY 5,052 SY		
	Pavement SY X (1/7") = 1" Pavement SY	722 SY		

5,480 SY

TOTAL



PAVING SECTION 1 - GO TOTAL

North Shore - Final Plat

Assumptions/Comments:
FINAL
Paving Minor & Boulevard Breakdown Below

	Total	
Construction Costs:	\$576,620.69	
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	
.egal:	\$28,831.04	
Fiscal:	\$31,760.14	
Interest:	\$20,301 05	
Total Project Costs:	\$718,242.19	



PAVING MINOR G.O.



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	Tota
	Bid item Description	Quantity	Onic	Ontrice	1012
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	\$0.0
7.	ADJUST MANHOLE TO GRADE	2	EA	164 30	\$328 6
8.	EXTERNAL FRAME SEAL	2	EA	302.78	\$605.5
9.	CONSTRUCT BURIED LUG HEADER	0	EA	105.00	\$0 0
10 .	CONCRETE HEADER	100	LF	6 70	\$670.0
11 .	CONSTRUCT END OF STREET BARRICADE	0	EA	790 72	\$0 0
12.	REMOVE TEMPORARY INLET BASE	1	EA	100 00	\$100.0
13 .	CONSTRUCT CURB INLET - TYPE I	25	EA	1,620 00	\$40,500.0
14 .	CONSTRUCT CURB INLET - TYPE III	10	EA	1,920 00	\$19,200.0
15 .	BARRICADES - TYPE II	0	BD	0.48	\$0.0
6.	BARRICADES - TYPE III	0	BD	1.17	\$0.0
17.	TOPSOIL ISLANDS	, 0	CY	9,36	\$0.0
18.	SEEDING - TYPE "TEMPORARY SEED MIX"	0	AC	159.00	\$0.0
19 .	STRAW MULCH	Ö	AC	424.00	\$0.0
		0	LF	2.65	\$0.0
20 .	CONSTRUCT SILT FENCE	0	LF	2.10	\$0.0
21.	CLEANOUT SILT FENCE	0	CY	3 00	\$0.0
22 .	CLEANOUT SILT BASIN				
23 .	JET EXISTING SANITARY SEWER	0	LF	0.64	\$0.0
24 .	CONSTRUCT MOW STRIP	0	SF	8 25	\$0.0
	PER CHANGE ORDER NO. 1				
25 .	9" CONCRETE PAVEMENT - TYPE L65 (COST INCREASE FROM 7" TO 9") PER CHANGE ORDER NO. 2	0	LF	5 43	\$0,0
26 .	TRAFFIC CIRCLE REINFORCING - NO 5 BARS @ 2'9" ON CENTER PER CHANGE ORDER NO. 3	0	SY	0 97	\$0.0
~=		1	ı c	\$3,722.95	\$3,722.9
27.	REMOVE AND RELOCATE LIGHT POLE AND BASE	1		\$4,947.50	\$4,947.5
28 .	EROSION MAINTENANCE		LO	\$4,547.50	φτ,στι.
	ADDITIONAL EXCAVATION OF INTERSECTIONS AND MANHOLE	4		e e 002 26	\$6,902.3
29 .	ADJUSTMENTS	1	LS	\$6,902.36	φυ,302.3
	PER CHANGE ORDER NO. 4		. –	445.00	***
30	SAWCUT AND REMOVE CURB AND GUTTER - 123RD AVENUE	0		\$15.00	\$0.0
31.	SAWCUT AND REMOVE CURB AND GUTTER - LINCOLN BOULEVARD	0		\$15.00	\$0.0
32.	ADDITIONAL TIE BARS	0	ĒΑ	\$7.00	\$0.0
	ADJUST RCP AND POUR CONCRETE FOR CONNECTION BETWEEN 2				
33 .	INLETS ON NORTH END OF 120TH STREET	0	EA	\$750.00	\$0.0
		Construction Costs 27.0%		ng, Section I - GO	\$155,702.1
			Soft Costs		
			Engineering	Design & CA	\$11,273 8
			Testing:		\$2,906.8
			Maintenance	(Barricades):	\$0.0
			Review Fee:		\$1,718.8
			Legal:		\$7,785.1
			Fiscal:		\$8,576.0
			Interest:		\$5,481.8
		Total Soft Costs:			\$37,742.4
		Total Soft Costs:			



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

Assumptions/Comments:

5

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

	Did to a December	Approximate Quantity		Unit Price	Total
	Bid Item Description	Quantity	Unit	Unit Price	1014
	PAVING (Items 1-24 are based on bids)			a	20.00
1.	REMOVE TEMPORARY CURB		LF	7 42	\$0.00
2.	7" CONCRETE PAVEMENT - TYPE L65	10,414.13		23 23	\$241,920.24
3.	COMMON EARTH EXCAVATION	3,471.38		1 94	\$6,734.47
4.	MEDIAN SURFACING	1,656.00		7 02	\$11,625.12
5.	CONSTRUCT MEDIAN NOSE		EA	183 75	\$1,837.50
6.	CONSTRUCT DETECTABLE WARNING		SF	21 00	\$1,848.00
7.	ADJUST MANHOLE TO GRADE		EA	164 30	\$1,150.10
8.	EXTERNAL FRAME SEAL		EA	302 78	\$2,119.46
9.	CONSTRUCT BURIED LUG HEADER		EA	105 00	\$105.00
10.	CONCRETE HEADER	25		6 70	\$167.50
11 .	CONSTRUCT END OF STREET BARRICADE		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"		AC	159.00	\$0.00
19 .	STRAW MULCH	0	AC	424.00	\$0.00
20 .	CONSTRUCT SILT FENCE	o.	LF	2 65	\$0.00
21 .	CLEANOUT SILT FENCE		LF	2 10	\$0,00
22 .	CLEANOUT SILT BASIN		CY	3 00	\$0.00
23 .	JET EXISTING SANITARY SEWER		LF	0 64	\$0.00
23 . 24 .	CONSTRUCT MOW STRIP		SF	8 25	\$0.00
24 .	PER CHANGE ORDER NO. 1	·	O.	0.20	\$3.5
25	9" CONCRETE PAVEMENT - TYPE L65 (COST INCREASE FROM 7" TO 9")	20.518	97	5 43	\$111,412 74
25 .	•	20,310	31	5 45	Ψ111,4121-
	PER CHANGE ORDER NO. 2 TRAFFIC CIRCLE REINFORCING - NO. 5 BARS @ 2'9" ON CENTER	1.060	ev	0 97	\$1,028.20
26 .		1,000	31	0 97	\$1,020.20
	PER CHANGE ORDER NO. 3	•	LS	3,722 95	\$0.00
27 .	REMOVE AND RELOCATE LIGHT POLE AND BASE			•	\$0.00
28 .	EROSION MAINTENANCE	U	LS	4,947 50	\$0.00
	ADDITIONAL EXCAVATION OF INTERSECTIONS AND MANHOLE	•			60.00
29 .	ADJUSTMENTS	0	LS	6,902 36	\$0.00
	PER CHANGE ORDER NO. 4				
30 .	SAWCUT AND REMOVE CURB AND GUTTER - 123RD AVENUE	124		15.00	\$1,860.00
31.	SAWCUT AND REMOVE CURB AND GUTTER - LINCOLN BOULEVARD	122		15 00	\$1,830.00
32 .	ADDITIONAL TIE BARS	49	EA	7 00	\$343 00
	ADJUST RCP AND POUR CONCRETE FOR CONNECTION BETWEEN 2				
33 .	INLETS ON NORTH END OF 120TH STREET	1	EA	750 00	\$750 00

Construction Costs:

\$420,918.53

73.0% Of Total Paving, Section I - GO

Soft Costs Paving

Engineering Design & Const Admin:	\$30,477.14
Testing:	\$7,858.13
Maintenance (Barricades):	\$1,847.72
Review Fee:	\$4,646.77
Legal:	\$21,045 93
Fiscal:	\$23,184.10
Interest:	\$14,819.25

Total Paving Soft Costs:

\$103,879.04

Total Paving Boulevard G.O. Costs:

\$524,797.58

Less Sarpy County Reimbursable G.O. Costs: (50% of Construction, Engineering and Testing)

\$230,550.76

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
W/1.		Estimated Construction Costs	:	\$127,309.61
		Soft Costs		
			Design & CA	\$27,749 25
		Testing:	e (Barricades):	\$2,376.74 \$0.00
		Review Fee		\$1,405.45
		Legal:		\$6,365.48
		Fiscal: Interest:		\$8,380 02 \$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 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 5,207 SY		
	- G.O. BOULEVARD PAVEMENT QUANTITY	5,07 SY 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

		Approximate	U.v.	Half Dalas	Tatal
	Bid Item Description	Quantity	Unit	Unit Price	Total \$130,600
1.	5' WIDE 5" THICK CONCRETE SIDEWALK	44,670		2.70 7.51	\$120,609.6 \$13,104.9
2.	CONSTRUCT P.C. CONCRETE CURB RAMP (FULL DEPTH)	1,745		1.51	\$13,104.5 \$13,131.
3.	SUBGRADE PREPARATION	6,948			\$10,292.
4.	COMMON EARTH EXCAVATION	1365		7 54	\$4,118.
5.	CONSTRUCT DETECTABLE WARNING PANEL	288		14.30	\$0.
6.	ADJUST MANHOLE TO GRADE	0		272 00	
7.	ADJUST WATER VALVE TO GRADE	11		255,00	\$2,805 (\$0.
8.	SEEDING - TYPE "TEMPORARY"	0		640 00	\$0. \$0.
9.	HAY OR STRAW MULCH	0		873 00	
0.	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	50		332.00	\$16,600.
1.	2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP	82		361.00	\$29,602.
2.	"STOP" SIGN (R1-1)(30")	24		163.00	\$3,912.
3.	"YIELD" SIGN (R1-2)(30"X30"X30")	5		163.00	\$815
4.	SPEED LIMIT SIGN (R2-1)(24"X30")	6		163.00	\$978.
5.	MOVEMENT LEFT TURN ONLY/THRU AND RIGHT SIGN (R3-8L)(36"X30")	1		227.00	\$227
6.	YIELD AHEAD SIGN (W3-2)(30"X30")	4		173.00	\$692.
7.	"LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30"X30")	. 1		163.00	\$163.
8.	"KEEP RIGHT" SIGN (R4-7)(18"X24")	15		163.00	\$2,445.
9.	"ONE WAY" SIGN (R6-4)(30"X24")	5	EA	163,00	\$815.
	"TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24"X24") WITH PLACARD (W16-				
Ο.	12P)(24"X18")	4		204.00	\$816
1.	"NO OUTLET" SIGN (W14-2)(30"X30")	2		163.00	\$326.
2.	"END" SIGN (R3-17bP)(24"X8")	5	EA	204.00	\$1,020.
3	"BIKE LANE" SIGN (R3-17)(30"X24")	15	EA	163.00	\$2,445
4.	"PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30")	16	EA	163 00	\$2,608.
5.	DIAGONAL ARROW SIGN (W16-7pL)(24"X12")	14	· EA	163.00	\$2,282.
6.	REFLECTIVE DELINEATORS	5	EA	465.00	\$2,325.
7.	AHEAD SIGN (W16-9P)(30"X18")	2	: EA	163 00	\$326.
8.	"NO PARKING" SIGN (R7-1D)(24"X30")	11	EA	98 90	\$1,087.
	24" PERMNENT PAINTED PAVEMENT MARKING - WHITE	540		3.49	\$1,884.
9.	5" PERMANENT PAINTED PAVEMENT MARKING - WHITE, DOTTED	250		3,49	\$872.
0.	5" PERMIENT PINTED PAVEMENT MARKING - WHITE	7,850		0.52	\$4,082.
1.	6" PERMANENT PAINTED PAVEMENT MARKING - WHITE	300		0.87	\$261.
2.	6 PERIMANENI FAINTED FAVEMENT MANNING - WITTE	000			+ ···
3 .	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE "ONLY" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE	1	EA	116.00	\$116.
4 .	DIRECTIONAL ARROW	2	EA.	98.90	\$197.
4.	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	-	,		•
_	SYMBOL	34	EA	98.90	\$3,362.
5.		0-		55.55	¥0,000
_	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	34	EA.	98.90	\$3,362.
6.	ARROW	3-		30.30	40,002
7.	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD LINE	90.00) LF	\$6.98	\$628
		Construction Costs	s:		\$248,313.
			Soft C	osts :	
			Engine	ering Design & CA	\$51,069
			:		\$2,258
				nance (Barricades)	\$633
			Reviev	v Fee:	\$2,571
			Legal:		\$12,415
			Fiscal		\$16,267
			Interes	st:	\$38,686
		Total Estimated So	ft Cost	s:	50% \$123,901
		Total Estimated Co	.4		\$372,214

0112044 01-002

SIDEWALKS G.O.

Assumptions/Comments:



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

CONSTRUCT P.C. CONCRETE CURB RAMP (FULL DEPTH) SUBGRADE PREPARATION COMMON EARTH EXCAVATION CONSTRUCT DETECTABLE WARNING PANEL ADJUST MANHOLE TO GRADE ADJUST WATER VALVE TO GRADE SEEDING - TYPE "TEMPORARY" HAY OR STRAW MULCH STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS Z" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP "STOP" SIGN (R1-1)(30") "YIELD" SIGN (R1-2)(30"X30") SPEED LIMIT SIGN (R2-1)(24"X30") MOVEMENT LEFT TURN ONLY/THRU AND RIGHT SIGN (R3-8L)(36"X30") LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30"X30") "LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30"X30") "KEEP RIGHT" SIGN (R6-4)(30"X24") "ONE WAY" SIGN (R6-4)(30"X24") "TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24"X24") WITH PLACARD (W16-12P)(24"X18") "NO OUTLET" SIGN (R3-17)(30"X24") "END" SIGN (R3-17)P)(24"X8") "BIKE LANE" SIGN (R3-17)(30"X30") BIKE LANE" SIGN (R3-17)(30"X30") CHEND" SIGN (R3-17)(30"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") DIAGONAL ARROW SIGN (W16-7PL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9PL)(30"X18") "NO PARKING" SIGN (K71-TD)(24"X30") 24" PERMANENT PAINTED PAVEMENT MARKING - WHITE S" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Init SF SSYY FAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Unit Price 2 70 7 51 1 89 7 54 14 30 272 00 255 00 640.00 873 00 332 00 361 00 163 00	Total	\$120,609 0 \$13,104 9 \$13,131 7 \$10,292.1 \$4,118 4 \$0 0 \$2,805 0 \$0 0 \$16,600 0 \$29,602 0 \$3,912 0 \$815 0 \$227.0 \$692 0 \$163 0 \$2445.0 \$816 0 \$3,260
CONSTRUCT P.C. CONCRETE CURB RAMP (FULL DEPTH) SUBGRADE PREPARATION COMMON EARTH EXCAVATION CONSTRUCT DETECTABLE WARNING PANEL ADJUST MANHOLE TO GRADE ADJUST WATER VALVE TO GRADE SEEDING - TYPE "TEMPORARY" HAY OR STRAW MULCH STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS STREET SIGN (R1-1)(30") "YIELD "SIGN (R1-2)(30"X30"X30") MOVEMENT LEFT TURN ONLY/THRU AND RIGHT SIGN (R3-8L)(36"X30") MOVEMENT LEFT TURN ONLY/THRU AND RIGHT SIGN (R3-8L)(36"X30") "LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30"X30") "LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30"X30") "KEEP RIGHT" SIGN (R6-4)(30"X24") "ONE WAY" SIGN (R6-4)(30"X24") "TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24"X24") WITH PLACARD (W16- 12P)(24"X18") "NO OUTLET" SIGN (R3-17)(30"X30") "END" SIGN (R3-17)(30"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") DIAGONAL ARROW SIGN (W16-7PL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (R3-17)(30"X24") "OP PARKING" SIGN (R7-10)(24"X30") 24" PERMNENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL	1,745 6,948 1365 288 0 11 0 0 50 82 24 5 6 1 1 15 5 5	SFYYYFAACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	7 51 1 89 7 54 14 30 272 00 255 00 640.00 873 00 332 00 361 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00		\$13,104 9 \$13,131 7 \$10,292 11 \$4,118 4 \$0 0 \$2,805 0 \$0 0 \$16,600 0 \$29,602 0 \$815 0 \$978 0 \$22,702 0 \$163 3 \$2,445 0 \$326 0 \$326 0 \$2,445 0 \$2,44
SUBGRADE PREPARATION COMMON EARTH EXCAVATION COMMON EARTH EXCAVATION COMSTRUCT DETECTABLE WARNING PANEL ADJUST MANHOLE TO GRADE SEEDING - TYPE "TEMPORARY" HAY OR STRAW MULCH STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS Z" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP "STOP" SIGN (R1-1)(30") "YIELD" SIGN (R1-2)(30"X30"X30") SPEED LIMIT SIGN (R2-1)(24"X30") MOVEMENT LEFT TURN ONLY/THRU AND RIGHT SIGN (R3-8L)(36"X30") "LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30"X30") "KEEP RIGHT" SIGN (R4-7)(18"X24") "TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24"X24") WITH PLACARD (W16-12P)(24"X18") "NO OUTLET" SIGN (W14-2)(30"X30") "END SIGN (R3-17bP)(24"X8") "BIKE LANE" SIGN (R3-17)(30"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") BIKE LANE" SIGN (R3-17)(30"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-3PL)(24"X30") 24" PERMANENT PAINTED PAVEMENT MARKING - WHITE S" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE S" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE SHERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	6,948 1365 2888 0 11 0 0 50 82 24 5 6 1 1 15 5 4 2 5 5 16 14 5 15 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	SYY FAACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	1 89 7 54 14 30 272 00 255 00 640.00 873 00 332 00 361 00 163 00 163 00 173 00 173 00 163 00		\$13,131 \$10,292. \$4,118 \$0 \$2,805 \$0 \$16,600 \$29,602 \$3,912 \$163 \$27. \$692 \$163 \$2,445. \$163 \$2,445. \$326 \$1,020 \$2,445 \$2,608 \$2,282 \$2,282 \$2,283 \$
COMMON EARTH EXCAVATION CONSTRUCT DETECTABLE WARNING PANEL ADJUST MANHOLE TO GRADE ADJUST MANHOLE TO GRADE SEEDING - TYPE "TEMPORARY" HAY OR STRAW MULCH STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS 2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP "STOP" SIGN (R1-1)(30") "YIELD" SIGN (R1-2)(30"X30"X30") SPEED LIMIT SIGN (R2-1)(24"X30") MOVEMENT LEFT TURN ONLY/THRU AND RIGHT SIGN (R3-8L)(36"X30") YIELD AHEAD SIGN (W3-2)(30"X30") "LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30"X30") "KEEP RIGHT" SIGN (R4-7)(18"X24") "ONE WAY" SIGN (R6-4)(30"X24") "TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24"X24") WITH PLACARD (W16- 12P)(24"X18") "NO OUTLET" SIGN (W14-2)(30"X30") "END" SIGN (R3-17)(20"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") DIAGONAL ARROW SIGN (W16-7pL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (W1-10)(24"X30") 24" PERMANENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5 SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5 SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5 SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5 SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5 SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5 SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5 SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5 SYMBOL	1365 288 0 11 0 0 50 82 24 5 6 1 1 4 1 15 5 5 4 2 5 5 15 16 11 15 15 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	CYFAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	7 54 14 30 272 00 255 00 640.00 873 00 332 00 361 00 163 00 163 00 163 00 163 00 163 00 227 00 173 00 204 00 163 00 204 00 163 00 204 00 163 00 265 00 163 00 163 00		\$10,292. \$4,118. \$00 \$2,805 \$0 \$16,600 \$29,602 \$3,912 \$815. \$978. \$2277. \$692 \$163 \$2,445. \$11,020 \$2,445. \$2,682 \$2,245.
CONSTRUCT DETECTABLE WARNING PANEL ADJUST WANHOLE TO GRADE ADJUST WATER VALVE TO GRADE SEEDING - TYPE "TEMPORARY" HAY OR STRAW MULCH STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS 2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP "STOP" SIGN (R1-1)(30") "YIELD" SIGN (R2-1)(24"X30") MOVEMENT LEFT TURN ONLY/THRU AND RIGHT SIGN (R3-BL)(36"X30") "LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30"X30") "KEEP RIGHT" SIGN (R4-7)(18"X24") "ONE WAY" SIGN (R6-4)(30"X24") "TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24"X24") WITH PLACARD (W16- 12P)(24"X18") "NO OUTLET" SIGN (W14-2)(30"X30") "EIND" SIGN (R3-17bP)(24"X8") "BIKE LANE" SIGN (R3-17bP)(24"X8") "BIKE LANE" SIGN (R3-17bP)(24"X8") "BIKE LANE" SIGN (R3-17bP)(24"X8") "BIKE LANE" SIGN (R3-17bP)(24"X18") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") DIAGONAL ARROW SIGN (W16-7pL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (R7-10)(24"X30") 24" PERMANENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW	288 0 11 0 0 50 82 24 5 6 1 1 15 5 4 2 5 16 14 5 16 17 18 18 18 18 18 18 18 18 18 18	SFAACCAAAAAAAAAA AAAAAAAAAAAAA	14 30 272 00 255 00 640.00 873 00 332 00 361 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00		\$4,118 \$0 \$2,805 \$0 \$16,600 \$29,602 \$3,912 \$815 \$978 \$227. \$692 \$163 \$2,445. \$11,020 \$2,445 \$2,082 \$2,282 \$2,325
ADJUST MANHOLE TO GRADE ADJUST WATER VALVE TO GRADE SEEDING - TYPE "TEMPORARY" HAY OR STRAW MULCH STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS Z" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP "STOP" SIGN (R1-2)(30"X30"X30") SPEED LIMIT SIGN (R2-1)(24"X30") MOVEMENT LEFT TURN ONLY/THRU AND RIGHT SIGN (R3-8L)(36"X30") YIELD AHEAD SIGN (W3-2)(30"X30") "LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30"X30") "KEEP RIGHT" SIGN (R4-7)(18"X24") "ONE WAY" SIGN (R6-4)(30"X24") "ONE WAY" SIGN (R6-4)(30"X24") "NO OUTLET" SIGN (W14-2)(30"X30") "END" SIGN (R3-71P)(24"X8") "BIKE LANE" SIGN (R3-71)(30"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") BIKE LANE" SIGN (R3-71)(30"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") BIAGONAL ARROW SIGN (W16-7pL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (W1-20)(24"X30") 24" PERMANENT PAINTED PAVEMENT MARKING - WHITE 55" PERMANENT PAINTED PAVEMENT MARKING - WHITE 55" PERMANENT PAINTED PAVEMENT MARKING - WHITE 56" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	0 11 0 50 82 24 5 6 1 4 15 5 4 2 5 15 16 14 5 14 5 15 16 16 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	272 00 255 00 640.00 873 00 332 00 361 00 163 00 163 00 173 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00		\$0. \$2,805. \$0. \$16,600. \$29,602. \$3,912. \$815. \$978. \$2,245. \$815. \$815. \$815. \$815. \$816. \$2,282. \$2,282. \$2,282.
ADJUST WATER VALVE TO GRADE SEEDING - TYPE "TEMPORARY" HAY OR STRAW MULCH STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS STREET SIGN (R1-1)(30") "STOP" SIGN (R1-1)(30") "YIELD" SIGN (R1-2)(30"X30"X30") SPEED LIMIT SIGN (R2-1)(24"X30") MOVEMENT LEFT TURN ONL YTHRU AND RIGHT SIGN (R3-8L)(36"X30") "LEFT LANE MUST TURN LEFT SIGN (R3-7L)(30"X30") "LEFT LANE MUST TURN LEFT SIGN (R3-7L)(30"X30") "KEEP RIGHT" SIGN (R4-7)(18"X24") "ONE WAY" SIGN (R6-4)(30"X24") "TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24"X24") WITH PLACARD (W16- 12P)(24"X18") "NO OUTLET" SIGN (W14-2)(30"X30") "BIKE LANE" SIGN (R3-17b)(24"X8") "BIKE LANE" SIGN (R3-17b)(24"X8") "BIKE LANE" SIGN (R3-17)(30"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") DIAGONAL ARROW SIGN (W16-7PL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (R7-1D)(24"X30") 24" PERMANENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SAROW 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SAROW 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" AROW 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	11 0 0 50 82 24 5 6 1 4 1 15 5 4 2 5 16 14 5 16 16 16 16 16 16 16 16 16 16 16 16 16	EACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	255 00 640.00 873 00 373 00 361 00 163 00 163 00 163.00 227 00 173 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00		\$2,805 \$0 \$0 \$16,600 \$29,602 \$3,912 \$815 \$978 \$227. \$692 \$163 \$2,445, \$815 \$326 \$1,020 \$2,445 \$2,282 \$2,325
SEEDING - TYPE "TEMPORARY" HAY OR STRAW MULCH STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS 2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP "STOP" SIGN (R1-1)(30") "YIELD" SIGN (R1-2)(30"X30"X30") MOVEMENT LEFT TURN (ONLY/THRU AND RIGHT SIGN (R3-8L)(36"X30") "YIELD AHEAD SIGN (W3-2)(30"X30") "LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30"X30") "KEEP RIGHT" SIGN (R4-7)(18"X24") "ONE WAY" SIGN (R6-4)(30"X24") "TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24"X24") WITH PLACARD (W16- 12P)(24"X18") "NO OUTLET" SIGN (W14-2)(30"X30") "END" SIGN (R3-17)(20"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") DIAGONAL ARROW SIGN (W16-7pL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (R7-1D)(24"X30") 24" PERMINENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	0 50 82 24 5 6 1 1 15 5 4 2 5 16 14 15 15 16 14 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	ACEAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	640.00 873 00 332 00 361 00 163 00 163 00 163.00 227 00 173 00 163 00 163 00 204 00 163.00 204 00 163 00 163 00 163 00		\$0 \$16,600 \$29,602 \$3,912 \$815 \$978 \$227. \$692 \$163 \$2,445. \$815 \$326 \$1,020 \$2,445 \$2,688 \$2,282 \$2,325
HAY OR STRAW MULCH STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS 2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP "STOP" SIGN (R1-1)(30")" 3" "YIELD" SIGN (R1-2)(30"X30"X30") 5" SPEED LIMIT SIGN (R2-1)(24"X30") MOVEMENT LEFT TURN ONL YITHRU AND RIGHT SIGN (R3-8L)(36"X30") YIELD AHEAD SIGN (W3-2)(30"X30") "LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30"X30") "LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30"X30") "TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24"X24") WITH PLACARD (W16- 12P)(24"X18") "NO OUTLET" SIGN (W14-2)(30"X30") "END" SIGN (R3-17bP)(24"X8") "BIKE LANE" SIGN (R3-17)(30"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") DIAGONAL ARROW SIGN (W16-7pL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (R7-1D)(24"X30") 2" "PERMANENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL 5" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL	0 50 82 24 56 1 4 15 5 4 2 5 15 16 14 5 14 15 16 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	AC EAA AAA AAAAAAAAAAAAAAAAAAAAAAAAAAAA	873 00 332 00 361 00 163 00 163 00 163.00 227 00 173 00 163 00 163 00 163 00 163 00 164 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00 163 00		\$0 \$16,600 \$29,602 \$3,912 \$815 \$978 \$227,* \$692 \$163 \$2,445. \$815 \$1,020 \$2,445 \$2,282 \$2,282 \$2,325
STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS 2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP "STOP" SIGN (R1-1)(30") "YIELD" SIGN (R1-2)(30"X30"X30") SPEED LIMIT SIGN (R2-1)(24"X30") MOVEMENT LEFT TURN ONLY/THRU AND RIGHT SIGN (R3-8L)(36"X30") "LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30"X30") "LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30"X30") "KEEP RIGHT" SIGN (R4-7)(18"X24") "TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24"X24") WITH PLACARD (W16-12P)(24"X18") "NO OUTLET" SIGN (W14-2)(30"X30") "BIKE LANE" SIGN (R3-17)(30"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") BIKE LANE" SIGN (W3-17)(30"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (W7-1D)(24"X30") 24" PERMANENT PAINTED PAVEMENT MARKING - WHITE "S" PERMANENT PAINTED PAVEMENT MARKING - WHITE "FERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE "SYMBOL "FERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE "SYMBOL "FERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE "SYMBOL "FERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE "SYMBOL "FERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE "SYMBOL "FERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE "SYMBOL "FERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE "SYMBOL "FERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE "SYMBOL "FERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE "SYMBOL "FERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE "SYMBOL	50 82 24 5 6 1 4 1 15 5 4 2 5 16 14 15 5 16 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	EA E	332 00 361 00 163 00 163 00 163 00 227 00 163 00 163 00 163 00 204 00 163 00 204 00 163 00 163 00 163 00 163 00 163 00 163 00		\$16,600 \$29,602 \$3,912 \$815 \$978 \$227. \$692 \$163 \$2,445. \$815 \$816 \$326 \$1,020 \$2,445 \$2,282 \$2,282
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"KEEP RIGHT" SIGN (R4-7)(18"X24") "ONE WAY" SIGN (R6-4)(30"X24") "TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24"X24") WITH PLACARD (W16- 12P)(24"X18") "NO OUTLET" SIGN (W14-2)(30"X30") "BIKE LANE" SIGN (R3-17)(30"X24") "BIKE LANE" SIGN (R3-17)(30"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") DIAGONAL ARROW SIGN (W16-7PL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (R7-1D)(24"X30") 24" PERMANENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING - WHITE 6" PERMANENT PAINTED PAVEMENT MARKING - WHITE DIFFERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	15 5 4 2 5 15 16 14 5 2 11	EA EA EA EA EA EA EA EA	163 00 163 00 204 00 163.00 204 00 163 00 163 00 465 00 163 00		\$2,445. \$815 \$816 \$326 \$1,020 \$2,445 \$2,608 \$2,282 \$2,325
"ONE WAY" SIGN (R6-4)(30"X24") "TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24"X24") WITH PLACARD (W16- 12P)(24"X18") "NO OUTLET" SIGN (W14-2)(30"X30") "INO OUTLET" SIGN (W14-2)(30"X30") "INO ESTAIN CROSSINGS SIGN (W11-2)(30"X30") "BIKE LANE" SIGN (R3-17)(30"X24") "PEDESTRIAN CROSSINGS SIGN (W11-2)(30"X30") DIAGONAL ARROW SIGN (W16-7pL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (R7-1D)(24"X30") 24" PERMNENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING - WHITE C" FPERMANENT PAINTED PAVEMENT MARKING - WHITE C" FPERMANENT PAINTED PAVEMENT MARKING - WHITE DIE OF PERMANENT PAINTED PAVEMENT MARKING - WHITE DIE OF PERMANENT PAINTED PAVEMENT MARKING - WHITE DIE OF PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIE OF PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIE OF PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIE OF PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIE OF PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	5 4 2 5 15 16 14 5 2	EA EA EA EA EA EA EA	163 00 204 00 163.00 204 00 163 00 163 00 163 00 465 00 163 00		\$815 \$816 \$326 \$1,020 \$2,445 \$2,608 \$2,282 \$2,325
"TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24"X24") WITH PLACARD (W16- 12P)(24"X18") "NO OUTLET" SIGN (W14-2)(30"X30") "END" SIGN (R3-17bP)(24"X8") "BIKE LANE" SIGN (R3-17)(30"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") DIAGONAL ARROW SIGN (W16-7pL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (R7-1D)(24"X30") 24" PERMANENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING - WHITE 6" PERMANENT PAINTED PAVEMENT MARKING - WHITE 7" OF PERMANENT PAINTED PAVEMENT MARKING - WHITE 8" PERMANENT PAINTED PAVEMENT MARKING - WHITE 9" OF PERMANENT PAINTED PAVEMENT MARKING - WHITE 9" OF PERMANENT PAINTED PAVEMENT MARKING - WHITE 9" OF PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE 9" OF PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE 9" OF PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE 9" OF PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL 9" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL 9" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" ARROW 9" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" ARROW 9" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" ARROW 9" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	4 2 5 15 16 14 5 2	EA EA EA EA EA EA	204 00 163.00 204 00 163 00 163 00 163 00 465 00 163 00		\$816 \$326 \$1,020 \$2,445 \$2,608 \$2,282 \$2,325
12P)(24"X18") "NO OUTLET" SIGN (W14-2)(30"X30") "END" SIGN (R3-17bP)(24"X8") "BIKE LANE" SIGN (R3-17b)(30"X24") "BIKE LANE" SIGN (R3-17)(30"X24") "BIKE LANE" SIGN (R3-17)(30"X24") "BIKE LANE" SIGN (R3-17)(30"X24") "BIKE LANE" SIGN (R3-17)(30"X30") DIAGONAL ARROW SIGN (W16-7pL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (R7-1D)(24"X30") 24" PERMANENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING - WHITE 6" PERMANENT PAINTED PAVEMENT MARKING - WHITE 7" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	2 5 15 16 14 5 2	EA EA EA EA EA	163.00 204 00 163 00 163 00 163 00 465 00 163 00		\$326 \$1,020 \$2,445 \$2,608 \$2,282 \$2,325
"NO OUTLET" SIGN (W14-2)(30"X30") "END" SIGN (R3-17bP)(24"X8") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") DIAGONAL ARROW SIGN (W16-7pL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (R7-1D)(24"X30") 24" PERMNENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING - WHITE 6" PERMANENT PAINTED PAVEMENT MARKING - WHITE 7" FERMANENT PAINTED PAVEMENT MARKING - WHITE 10" FERMANENT PAINTED PAVEMENT MARKING - WHITE 11" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE 12" DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	2 5 15 16 14 5 2	EA EA EA EA EA	163.00 204 00 163 00 163 00 163 00 465 00 163 00		\$326 \$1,020 \$2,445 \$2,608 \$2,282 \$2,325
"END" SIGN (R3-17bP)(24"X8") "BIKE LANE" SIGN (R3-17)(30"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") DIAGONAL ARROW SIGN (W16-7pL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (R7-1D)(24"X30") 24" PERMNENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING - WHITE 5" PERMNENT PAINTED PAVEMENT MARKING - WHITE 6" PERMANENT PAINTED PAVEMENT MARKING - WHITE 7" ENGAMENT PAINTED PAVEMENT MARKING - WHITE 7" DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	5 15 16 14 5 2	EA EA EA EA	204 00 163 00 163 00 163 00 465 00 163 00		\$1,020 \$2,445 \$2,608 \$2,282 \$2,325
"END" SIGN (R3-17bP)(24"X8") "BIKE LANE" SIGN (R3-17)(30"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") DIAGONAL ARROW SIGN (W16-7pL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (R7-1D)(24"X30") 24" PERMNENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING - WHITE 5" PERMNENT PAINTED PAVEMENT MARKING - WHITE 6" PERMANENT PAINTED PAVEMENT MARKING - WHITE 7" ENGAMENT PAINTED PAVEMENT MARKING - WHITE 7" DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	15 16 14 5 2	EA EA EA EA	163 00 163 00 163 00 465 00 163 00		\$2,445 \$2,608 \$2,282 \$2,325
"BIKE LANE" SIGN (R3-17)(30"X24") "PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") DIAGONAL ARROW SIGN (W16-7pL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (R7-1D)(24"X30") 24" PERMANENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING - WHITE 6" PERMANENT PAINTED PAVEMENT MARKING - WHITE 7" PERMANENT PAINTED PAVEMENT MARKING - WHITE 8" PERMANENT PAINTED PAVEMENT MARKING - WHITE 10" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE 11" DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	16 14 5 2 11	EA EA EA	163 00 163 00 465 00 163 00		\$2,445 \$2,608 \$2,282 \$2,325
"PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30") DIAGONAL ARROW SIGN (W16-7pL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (R7-1D)(24"X30") 24" PERMINENT PAINTED PAVEMENT MARKING - WHITE 5" PERMINENT PAINTED PAVEMENT MARKING - WHITE CHORDON OF PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE CHORDON OF PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE CHORDON OF PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE CHORDON OF PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	16 14 5 2 11	EA EA EA	163 00 163 00 465 00 163 00		\$2,608 \$2,282 \$2,325
DIAGONAL ARROW SIGN (W16-7pL)(24"X12") REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (R7-1D)(24"X30") 24" PERMANENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING - WHITE, DOTTED 5" PERMANENT PAINTED PAVEMENT MARKING - WHITE 6" PERMANENT PAINTED PAVEMENT MARKING - WHITE 7" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE "ONLY" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	14 5 2 11	EA EA EA	163 00 465 00 163 00		\$2,282 \$2,325
REFLECTIVE DELINEATORS AHEAD SIGN (W16-9P)(30"X18") "NO PARKING" SIGN (R7-1D)(24"X30") 24" PERMINENT PAINTED PAVEMENT MARKING - WHITE 5" PERMINENT PAINTED PAVEMENT MARKING - WHITE 5" PERMINENT PIINTED PAVEMENT MARKING - WHITE 6" PERMINENT PIINTED PAVEMENT MARKING - WHITE 7" FERMINENT PAINTED PAVEMENT MARKING - WHITE 8" PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE "ONLY" PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE 4" DIRECTIONAL ARROW PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5" SYMBOL PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW	5 2 11	EA EA	465 00 163 00		\$2,325
AHEAD SIGN (W16-9P)(30"X18") AHEAD SIGN (W16-9P)(30"X18") APPERMINENT PAINTED PAVEMENT MARKING - WHITE APPERMINENT PAINTED PAVEMENT MARKING - WHITE BY PERMINENT PINTED PAVEMENT MARKING - WHITE BY PERMINENT PINTED PAVEMENT MARKING - WHITE BY PERMINENT PAINTED PAVEMENT MARKING - WHITE BY PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMINENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMINENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD	2 11	EA	163 00		
3. "NO PARKING" SIGN (R7-1D)(24"X30") 24" PERMINENT PAINTED PAVEMENT MARKING - WHITE 5" PERMANENT PAINTED PAVEMENT MARKING - WHITE, DOTTED 1. 5" PERMINENT PINTED PAVEMENT MARKING - WHITE 2. 6" PERMANENT PAINTED PAVEMENT MARKING - WHITE 3. PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE "ONLY" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE 4. DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5. SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 6. ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 6. ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD	11				
24" PERMNENT PAINTED PAVEMENT MARKING - WHITE 5 "PERMANENT PAINTED PAVEMENT MARKING - WHITE, DOTTED 1 5" PERMANENT PINTED PAVEMENT MARKING - WHITE 2 6" PERMANENT PAINTED PAVEMENT MARKING - WHITE 3 PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE "ONLY" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE 4 DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5 SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 6 ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 6 ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD		EA			\$326
5" PERMANENT PAINTED PAVEMENT MARKING - WHITE, DOTTED 5" PERMIENT PINTED PAVEMENT MARKING - WHITE 6" PERMANENT PAINTED PAVEMENT MARKING - WHITE PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE "ONLY" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD	540		98 90		\$1,087
5" PERMNENT PINTED PAVEMENT MARKING - WHITE 6" PERMANENT PAINTED PAVEMENT MARKING - WHITE PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE "ONLY" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD		LF	3 49		\$1,884.
2 . 6" PERMANENT PAINTED PAVEMENT MARKING - WHITE 3 PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE "ONLY" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE 4 DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5 SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 6 ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD	250	LF	3.49		\$872
PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE "ONLY" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD	7,850	LF	0 52		\$4,082
PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD	300	LF	0.87		\$261
DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD	1	EA	116 00		\$116
PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 5. SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE 6. ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD	2	EA	98 90		\$197
5. SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD					
PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD	34	EA	98 90		\$3,362
ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD	٠.		***************************************		40,000
PERMANENT PAINTED PAVEMENT MARKING SYMBOL - YELLOW YIELD	34	EA	98 90		\$3,362
	34	EA	90 90		\$5,502
	90 00	LF	\$6 98		\$628
Construction C	Costs:				\$248,313
	<u>s</u>	Soft Co	osts .		
		_	ering Design & CA		\$51,069
		resting			\$2,258
			nance (Barricades)		\$633
		Review	Fee:		\$2,571
		_egal:			\$12,415
	F	iscal:			\$16,267
	lr	nterest	:		\$38,686
Total Soft Cos				50%	\$123,901

\$372,214 45

\$21,571.18

\$350,643.27

Total Estimated Costs:

Total Estimated G.O. Costs:

Total Sarpy County Reimbursable Costs:



LANDSCAPING

Assumptions/Comments:

•	FINA

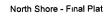
	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . 2	CONSTRUCT IRRIGATION SYSTEM CONSTRUCT METER PIT	105,600 1	SF LS	\$0.64 \$11,071.34	\$67,584.00 \$11,071.34
		Construction Costs:			\$78,655.34
		:	Soft Costs		
			Engineering	g Design & CA	\$10,374.92
			Review Fee Legal: Fiscal: Interest:	:	\$786.55 \$3,932.77 \$4,811.43 \$10,986 99
		Total Soft Costs:			39% \$30,892.66
		Total Costs:			\$109,548 00

PARKS IMPROVEMENTS (ACQUISITON)

_Assumptions/Comments:

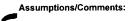


	Bid Item Description	Approximate Quantity		Unit Price	Total
1.	PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT	1	LS	\$89,338.00	\$89,338.00
		Acquisition Costs:			\$89,338.00
			Soft Costs		
			Engineering Admin Legal: Fiscal: Interest:	Design & Construction	\$0.00 \$1,786.76 \$4,882.75 \$9,839.92
		Total Soft Costs:		=	\$16,509.43
		Total Costs:			\$105,847.43





LANDSCAPING G.O.



	Bid Item Description	Approximate Quantity Unit	Unit Price	Total
1 . 2	CONSTRUCT IRRIGATION SYSTEM CONSTRUCT METER PIT	105600 SF 1 LS	\$0,64 \$11,071.34	\$67,584.00 \$11,071.34
		Construction Costs:		\$78,655 34
		Soft Co	<u>sts</u>	
		Enginee Review I Legal: Fiscal: Interest:		\$10,374.92 \$786.55 \$3,932.77 \$4,811.43 \$10,986.99
		Total Soft Costs:	39%	\$30,892.66
		Total Costs:		\$109,548.00

PARKS IMPROVEMENTS (ACQUISITON) G.O.

Assumptions/Comments:

FINAL

-	Bid Item Description	Approximate Quantity	Unit	Unit Price	Tota
1.	PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT	1.00	LS	\$89,338.00	\$89,338 00
		Estimated Construc	tion Costs:		\$89,338.00
			Soft Costs		
			Engineering	Design & Construction	
			Admin	_	\$0.00
			Legal:		\$1,786 76
			Fiscal:		\$4,882.75
			Interest:		\$9,839.92
			Duration (Mo	onths)	
		Total Estimated Sof	t Costs:	18%	\$16,509.43
		Total Estimated Cos	sts:	Г	\$105,847.43



WATER INTERIOR

Assumptions/Comments:



	Bid Item Description	Approximate Quantity	Unit	Unit Price	Tota
1.	CLEARING AND GRUBBING GENERAL	1	LS	2.500 00	\$2,500 0
2	REMOVE 12" PIPE PLUG	2	EA	650 00	\$1,300 0
3	CONSTRUCT 6" WATER MAIN	1,560	LF	19 10	\$29,796 0
4	CONSTRUCT 8" WATER MAIN	7,369	LF.	20 30	\$149,590 7
5.	CONSTRUCT 12" WATER MAIN	5.098	LF	33 70	\$171,802 6
5. 6	CONSTRUCT 8" PIPE PLUG WITH BACKING BLOCK	0	ĒΑ	260 00	\$0.0
7	CONSTRUCT 12" PIPE PLUG WITH BACKING BLOCK	1	EA	1,045 00	\$1,045 0
	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	21	EA	3.260 00	\$68,460 (
8.	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY	4.1		5,200 00	400, 100 (
_	AND BACKING BLOCK	8	EA	3,485 00	\$27,880 0
9		5	EA	820 00	\$4,100 0
0	CONSTRUCT 6" M J. GATE VALVE AND BOX	25	EA	1,110 00	\$27,750 (
1.	CONSTRUCT 8" M J. GATE VALVE AND BOX	25 26	EA	1,995.00	\$51,870 (
2.	CONSTRUCT 12" M J GATE VALVE AND BOX	_	EA	268 00	\$268.0
3	CONSTRUCT 8"x8"x6" M J TEE ASSEMBLY AND BACKING BLOCK	1		268 00	\$536
1	CONSTRUCT 8"x8" x8" M J. TEE ASSEMBLY AND BACKING BLOCK	2	EA		
š.	CONSTRUCT 12"x12"x6" M J TEE ASSEMBLY AND BACKING BLOCK	3	EA	410.00	\$1,230
3 .	CONSTRUCT 12"x12"x8" M J. TEE ASSEMBLY AND BACKING BLOCK	, 5	EA	420.00	\$2,100.0
7	CONSTRUCT 12"x12"x12" M J TEE ASSEMBLY AND BACKING BLOCK	` 2	EA	502 00	\$1,004
3	CONSTRUCT 12"x8" CROSS	1	EA	468.00	\$468
9	CONSTRUCT 12"x12" CROSS	1	EA	635 00	\$635 (
).	CONSTRUCT 12" X 6" REDUCER	2	EA	210 00	\$420 (
١.	CONSTRUCT 12" X 8" REDUCER	2	EA	210.00	\$420 (
	CONSTRUCT 6" x 11 25 DEGREE HORIZONTAL BEND WITH BACKING				
!	BLOCK	0	EA	95 00	\$0.0
	CONSTRUCT 8" x 11 25 DEGREE HORIZONTAL BEND WITH BACKING				
	BLOCK	0	EA	95.00	\$0.0
١.	CONSTRUCT 6" x 22 5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2	EA	285.00	\$570 (
5.	CONSTRUCT 8" x 22 5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2	EA	198.00	\$396 0
6	CONSTRUCT 6" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	17	EA	190 00	\$3,230.0
7	CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	5	EA	335.00	\$1,675
8.	CONSTRUCT 6" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	198 00	\$0.0
9	CONSTRUCT 8" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2	EA	225 00	\$450
0	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	1	EA	496 00	\$496
1	CONSTRUCT 6" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	8	EA	226.00	\$1,808
2.	CONSTRUCT 8" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	2	EA	248 00	\$496
3	CONSTRUCT 12" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	4	EA	560 00	\$2,240.
4	CONSTRUCT CHLORINE TUBE	2	EA	1,675 00	\$3,350
5,	CLEANOUT SILT FENCE	0	LF	1.00	\$0
6	CLEANOUT SILT BASIN	0	CY	3 15	\$0
7	SEEDING - TYPE "TEMPORARY SEED MIX"	6	AC	600 00	\$3,600
8	STRAW MULCH	0	AC	625 00	\$0
-		onstruction Cos	te:		\$561,486

Soft Costs

Engineering Design & Construction Admin \$118,416 64 \$6,046 19 \$28,074.32 \$36,141 03 \$31,784 12 Review Fee: Legal: Fiscal: Interest:

Total Soft Costs:

\$220,462 30

Total Costs:

\$781,948 60

AK

CAPITAL FACILITIES CHARGES

Assumptions/Comments:

PER SUBDIVISION AGREEMENT (INCLUDES PHASES 1 AND 2)

		Approximate		
	Bid Item Description	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

Construction Costs:

\$549,916.88

Soft Costs

 Legal:
 \$10,998 34

 Fiscal:
 \$29,786.47

 Interest:
 \$55,004 40

Total Estimated Soft Costs:

\$95,789 21

Total Estimated Costs:

\$645,706 09

OUTLOT	AREA	UNITS
A Phase 2	25657	SF
В	34893	SF
C	46491	SF
D	609765	SF
		+
		T
TOTAL	16,4556	AC



City Infrastructure Contribution



Assumptions/Comments:

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

	Bid Item Description	Approximate Quantity Unit	Unit Price	Total
1.	Contribution to City Infrastructure	1 LS	\$542,400.00	\$542,400 00
		Estimated Construction Co	sts:	\$542,400 00
		Estimated	Soft Costs	
		Legal: Fiscal: Interest: Duration (F	Months)	\$10,848 00 \$27,662 40 \$20,331 86
		Total Estimated Soft Costs:	119	\$58,842 26
		Total Estimated Costs:		\$601,242 26

North Shore - Final Plat

WATER INTERIOR G.O. - PRICE DIFFERENCES

					8" Main		
		Approximate			Baseline		
	Bid Item Description	Quantity	Unit	Unit Price	Cost	Cost Difference	G.O Amount
5.	CONSTRUCT 12" WATER MAIN	5,098	LF	\$33.70	\$20.30	\$13.40	\$68,313.20
12.	CONSTRUCT 12" M.J. GATE VALVE AND BOX	26	EΑ	\$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	EΑ	\$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.



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

	Bid Item Description	Approximate Quantity Unit Unit Price	Total
1.	Contribution to City Infrastructure	1 LS \$542,400.00	\$542,400.00
		Estimated Construction Costs:	\$542,400.00
		Estimated Soft Cos	<u>ts</u>
		Legal: Fiscal: Interest: Duration (Months)	\$10,848 00 \$27,662,40 \$20,331,86
		Total Estimated Soft Costs:	11% \$58,842 26
		Total Estimated Costs:	\$601,242 26



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

		Approximate		
	Bid Item Description	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-			
11.	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" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE	1 EA	\$116.00	\$116.00
25 .	DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	2 EA	\$98.90	\$197.80
26 .	SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	34 EA	\$98 90	\$3,362 60
27 .	ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL -YELLOW YIELD	34 EA	\$98 90	\$3,362.60
28 .	LINE	90 LF	\$6.98	\$628.20
	CONTINGENCY	0%	\$84,252.20	\$0.00

\$84,252 20

Estimated Soft Costs

Engineering Design & Construction	
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.

		Approximate		
	Bid Item Description	Quantity Unit	Unit Price	Tota
١.	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	50 EA	\$332.00	\$16,600.0
2 .	2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP	82 EA	\$361.00	\$29,602.0
3.	"STOP" SIGN (R1-1)(30")	24 EA	\$163.00	\$3,912.0
1	"YIELD" SIGN (R1-2)(30" X30" X 30")	5 EA	\$163.00	\$815.0
5.	SPEED LIMIT SIGN (R2-1)(24" X 30")	6 EA	\$163.00	\$978.0
3 .	MOVEMENT LEFT TURN ONLY/THRU AND RIGHT SIGN (R3-8L)(36" X 30")	1 EA	\$227.00	\$227.0
7.	YIELD AHEAD SIGN (W3-2)(30" X 30")	4 EA	\$173.00	\$692.0
3.	"LEFT LANE MUST TURN LEFT" SIGN (R3-7L)(30" X 30")	1 EA	\$163.00	\$163.0
9.	"KEEP RIGHT" SIGN (R4-7)(18X24")	15 EA	\$163.00	\$2,445.0
. c	"ONE WAY" SIGN (R6-4)(30" X 24")	5 EA	\$163 00	\$815.0
	"TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24" X 24") WITH PLACARD (W16-			
۱.	12P)(24" X 18")	4 EA	\$204.00	\$816.0
2.	"NO OUTLET" SIGN (W14-2)(30" X 30")	2 EA	\$163.00	\$326 (
3.	"END" SIGN (R3-17bP)(24" X 8")	5 EA	\$204.00	\$1,020.0
1.	"BIKE LANE" SIGN (R3-17)(30"X24")	15 EA	\$163.00	\$2,445.0
5.	"PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30")	16 EA	\$163 00	\$2,608.
3.	DIAGONAL ARROW SIGN (W16-7pL)(24"X12")	14 EA	\$163.00	\$2,282.
7.	REFLECTIVE DELINEATORS	5 EA	\$465 00	\$2,325.
3.	AHEAD SIGN (W16-9P)(30"X18")	2 EA	\$163.00	\$326.
9.	"NO PARKING" SIGN (R7-1D)(24" X 30")	11 EA	\$98.90	\$1,087.
) .	24" PERMANENT PAINTED PAVEMENT MARKING - WHITE	540 LF	\$3 49	\$1,884.
1.	5" PERMANENT PAINTED PAVEMENT MARKING - WHITE, DOTTED	250 LF	\$3.49	\$872.
2.	5" PERMANENT PAINTED PAVEMENT MARKING - WHITE	7850 LF	\$0.52	\$4,082.
3.	6" PERMANENT PAINTED PAVEMENT MARKING - WHITE	300 LF	\$0.87	\$261.0
1	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE "ONLY" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE	1 EA	\$116.00	\$116.0
5.	DIRECTIONAL ARROW PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	2 EA	\$98.90	\$197 8
3.	SYMBOL PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	34 EA	\$98.90	\$3,362.
7.	ARROW	34 EA	\$98.90	\$3,362.0
3.	PERMANENT PAINTED PAVEMENT MARKING SYMBOL -YELLOW YIELD LINE	90 LF	\$6 98	\$628,
٠.			·	
	CONTINGENCY	0%	\$84,252.20	\$0.0
		Estimated Construction Costs:		\$84,252.2
		<u>Estimated</u>	Soft Costs	
		· ·	Design, Construction	640.750
			technical & Testing	\$16,759.
			al and Testing:	\$766.
		Legal:		\$4,212.
		Fiscal:		\$5,519.
		Interest: Duration (M	onths)	\$13,126.
		Total Estimated Soft Costs:	48%	\$40,384.



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

_ Assumptions/Comments:

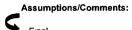


Unit Pricing of street signs and posts Per Interlocal Agreement with Sarpy County. Sarpy County only pays 50% of construction, engineering and testing.

		Approximate		
	Bid Item Description	Quantity Unit	Unit Price	Total
	SIGNS			
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
	"TRAFFIC CIRCLE AHEAD" SIGN (W2-6)(24" X 24") WITH PLACARD (W16-		•	
11 .	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
	"BIKE LANE" SIGN (R3-17)(30"X24")	13 EA	\$163.00	\$2,119.00
14 .		16 EA	\$163.00	\$2,608.00
15 .	"PEDESTRIAN CROSSING" SIGN (W11-2)(30"X30")	14 EA	\$163.00 \$163.00	\$2,282.00
16 .	DIAGONAL ARROW SIGN (W16-7pL)(24"X12")	5 EA	\$465.00	\$2,325.00
17.	REFLECTIVE DELINEATORS	2 EA		\$326.00
18 .	AHEAD SIGN (W16-9P)(30"X18")		\$163.00	
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" PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE	1 EA	\$116.00	\$116,00
25 .	DIRECTIONAL ARROW	2 EA	\$98.90	\$197.80
	PERMANENT PAINTED PAVEMENT MARKING SYMBOL - WHITE BIKE	26 54	\$09.00	¢2 571 40
26 .	SYMBOL 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: 42.7% Estimated \$	Soft Costs	\$35,977 80
		Estimated	JOIL COSIS	
			Design, Testing and	
			n Administration:	\$7,164.56
		Legal:		\$0.00
		Fiscal:		\$0.00
		Interest:		\$0.00
		Duration (Mo	onths)	
		Total Estimated Soft Costs:	20%	\$7,164.56
		Total Estimated Costs:		\$43,142 36
		Sarpy County Reimbursable Co	sts:	\$21,571.18
		(COO) . (O	description of Tables and	

(50% of Construction, Engineering and Testing)

<u>POWER</u>



Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . SINGLE FAMILY LOT	188	EA	\$880 00	\$165,440.00
	Construction Costs:		. <u> </u>	\$165,440.00
			Design, Construction cchnical & Testing	\$34,750.00 \$3,308.80 \$10,582.42 \$15,286.81
	Total Soft Costs:			\$63,928.03
DECODATIVE OTREET LIGHTS CO	Total Costs:			\$229,368.03

DECORATIVE STREET LIGHTS - GO

Assumptions/Comments:

	Bid Item Description	Approximate Quantity		Unit Price	Total
1.	DECORATIVE STREET LIGHTS	35	EA	2,050.00	\$71,750.00
		Construction Costs	:		\$71,750.00
			Soft Costs		
				sign, Construction	
				hnical & Testing	\$12,200 00 \$1,435.00
			Legal: Fiscal:		\$4,326.00
			Interest:	=	\$3,835 98
		Total Soft Costs:		=	\$21,797.0
		Total Costs:		Г	\$93,547 0



CIVIL DEFENSE SIREN



	Bid Item Description	Approximate Quantity	Unit	Unit Price	Tota
1.	50% SID 290 COST	1	LS	\$22,723.35	\$22,723.35
		Estimated Construc	tion Costs:		\$22,723.35
			Estimated :	Soft Costs	
			Engineering	Design, Construction	
			-	technical & Testing	\$454.47
		2.00%	Legal:		\$454.47
		5.00%	Fiscal:		\$1,181.61
		7.00%	Interest:		\$868.49
		6	Duration (M	onths)	
		Total Estimated Soft	t Costs:	13%	\$2,959.03
		Total Estimated Cos	sts:		\$25,682.38



S.I.D. Cost Estimate

North Shore Phase 2 0112044.22-030 SID No.: 292 6/13/2017

ESTIMATE 0112044 Phase 2.xlsx



ORDER OF MAGNITUDE COST ESTIMATE

Proposed Improvement	Quantity	Unit	Construction Cost	Total Cost	General Obligation	Special	Adjacent SID Reimbursable	Sarpy County Reimbursable
SANITARY SEWER								
Interior	8776	LF	\$247,856.35	\$400,053.74	\$0 00	\$400,053.74	\$0.00	\$0.00
STORM SEWER	1753	LF	\$84,100.43	\$140,610.85	\$140,610.85	\$0 00	\$0.00	- \$0.00
PAVING								
Minor	19053	SY	\$613,586.65	\$878,601.32	\$238,339.82	\$640,261.50	\$0.00	\$0.00
Cornhusker Road	9148	SY	\$722,142.45	\$1,047,329.09	\$575,338.86	\$0.00	\$182,069.26	\$289,920.97
SIDEWALKS	0	SF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
WATER								
Intenor	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
POWER	112	Lots	\$101,560.00	\$140,543.40	\$0.00	\$140,543.40	\$0,00	\$0.00
SIGNAGE (General Fund)			\$27,154 24	\$27,154.24	\$27,154.24	\$0.00	\$0.00	\$0.00
	Tota	ı	\$2,151,051,72	\$3,141,076.26	\$1,072,788.91	\$1,596,297.12	\$182,069 26	\$289,920.97
Residential Valuation	112	Lots	\$40,992,000.00	Debt I	Ratio (95% Valuation)	2.75%		

 Residential Valuation
 112
 Lots
 \$40,992,000.00
 Debt Ratio (95% Valuation)
 2.75%

 Total Valuation
 •
 \$40,992,000.00
 •
 •

 95% Valuation
 \$38,942,400.00
 •
 •

0112044.22-030

L.\Engineering\0112044\Design Data\

North Shore



DEBT RATIO

ASSUMPTIONS

Average market Value Per Residential Home (Includes Land Value)

\$50,000.00

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

\$316,000.00

ASSESSABLE VALUATION

Residential Lot

112 Units =

\$50,000.00 =

\$5,600,000.00

Residential Improvement

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 =

2.75%



SANITARY SEWER - INTERIOR

Assumptions/Comments: UPDATED PER FINAL ESTIMATE Sanitary & Storm, Section 2

Construction Costs: Sanitary %

Storm %

75% Engineering Design & Const Admin:

25% Testing: Review Fee: Legal: Fiscal: Interest:

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)				
5	EACH)	271	VF	\$267.00	\$72,357.00
6	CONSTRUCT 8" X 6" WYE	91	EΑ	\$68.00	\$6,188.00
7	CONSTRUCT 8" MANHOLE STUBOUT	19	EΑ	\$61 00	\$1,159.00
8	CONSTRUCT 6" PIPE BEDDING	3,402	LF	\$4.00	\$13,608.00
9	CONSTRUCT 8" PIPE BEDDING	5,374	LF	\$4.10	\$22,033,40
	CONNECT 8" SANITARY SEWER PIPE TO EXISTING				
10	SANITARY SEWER PIPE	1	EA	\$289.00	\$289.00
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 Co	<u>sts</u>	
			Enginee	ring, Construction	
			Adminis		\$55,860.00
			Testing:		\$19,364.30
			Review		\$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







		Approximate			
	Bid Item Description	Quantity	Unit	Unit Price	Total
	REMOVE EXISTING 72" TYPE II AREA INLET AND				
1.	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
12 .	CONSTRUCT 36" R.C. FLARED END SECTION W/BAR		-	•	•
13	GRATE	1	ĘΑ	\$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 Construct	on Costs		\$84,100.43
			•	ng, Construction	\$30,033.04
			Administr T	ation:	\$30,033.04 \$450.00
			Testing:		\$450.00
			Review Fe	3 e;	\$893.99 \$4,149.46
			Legal:		\$4,149.40 \$5,799.61
			Fiscal:		\$5,799.61 \$15,184.32
			Interest:		\$15,164,32
		Total Soft Costs:			\$56,510.42
		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.

		Approximate			
	Bid Item Description	Quantity	Unit	Unit Price	Total
	REMOVE EXISTING 72" TYPE II AREA INLET AND			60 007 00	62 227 00
1.	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 \$25.70	\$21,465.60
4.	CONSTRUCT 24" R.C.P., CLASS III	649	LF	\$35 70 \$40 20	\$23,169.30
5.	CONSTRUCT 30" R.C.P., CLASS III	179	LF LF	\$49.30	\$8,824.70
6.	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	93		\$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
	CONSTRUCT 36" R.C. FLARED END SECTION W/BAR				
13 .	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 Construct	ion Costs		\$84,100.43
				ng, Construction	
			Administr	.	\$30,033.04
				ation:	\$450.00
			Testing:		,
			Review Fe	:e:	\$893.99 \$4,149,46
			Legal:		
			Fiscal:		\$5,799.61
			Interest:		\$15,184,32
		Total Estimated S	Soft Cost	s : 67%	6 \$56,510.42
		Total Estimated (Costs:		\$140,610.85

PAVING MINOR



UPDATED WITH QUANTITIES FROM MARK T.

UDPATED PER FINAL ESTIMATE 11/29/2016.

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	REMOVE END OF ROAD BARRICADE	0	EA	\$0 27	\$0.0
2	7" CONCRETE PAVEMENT - TYPE L65	19,053	SY	\$27 31	\$520,337 4
3	COMMON EARTH EXCAVATION	6,351	EA	\$2 01	\$12,765 5
4	CONSTRUCT 5" CONCRETE SIDEWALK	0	SF	\$1 80	\$0.0
5	SUBGRADE PREPARATION	0	SY	\$3 90	\$0.0
6	ADJUST MANHOLE TO GRADE	28	EA	\$162.50	\$4,550 (
7	CONSTRUCT EXTERNAL FRAME SEAL	28	EA	\$370.50	\$10,374.0
8	CONSTRUCT CURB INLET	16	EA	\$2,464.66	\$39,434
9	BARRICADES - TYPE II	0	BD	\$0.38	\$0.0
0	BARRICADES - TYPE III	0	BD	\$1 64	\$0.0
11	SEEDING - TYPE "TEMPORARY SEED MIX"	0	AC	\$261 60	\$0.0
2	STRAW MULCH	0	AC	\$534.10	\$0.0
3	CONSTRUCT SILT FENCE	0	LF	\$2 23	\$0.0
4	CLEANOUT SILT FENCE	0	LF	\$3,05	\$0.0
5	CLEANOUT SILT BASIN	0	CY	\$10 90	\$0.0
16	JET EXISTING SEWER	5.460	LF	\$1,11	\$6,060
	ADD PER CHANGE ORDER NO. 1				
7.	CONSTRUCT MEDIAN SURFACING	2,569	SF	\$7.02	\$18,034
٠.	ADD PER CHANGE ORDER NO. 3	•			
8	MODIFY MANHOLE	1	LS	\$1,680 17	\$1,680
	ADD PER CHANGE ORDER NO. 4				
19.	CONSTRUCT CONCRETE RING COLLAR	1	EA	\$350 00	\$350 (
		Construction Costs:			\$613,586
			Soft Cos	<u>ts</u>	
				ng, Construction	
			Administi	ration:	\$117,479 9
			Testing [,]		\$8,271
			Review F	ee:	\$6,107
			Legal:		\$30,679
			Fıscal:		\$38,806
			Interest.		\$63,670
		Total Estimated Soft Cos	its:	43%	6 \$ 265,014 (
		Total Estimated Costs:			\$878,601

PAVING IN EXCESS OF 6" THICK

Assumptions/Comments

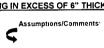
	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	1" CONCRETE PAVEMENT	2,503	SY	\$27.31	\$68,364.73
	CONTINGENCY	0%		\$68,364.73	\$0 00
		Estimated Construction	Costs:		\$68,364 73
			Estimate	d Soft Costs	
				ng Design and	** **
			Construct Legal:	ion Administration.	\$0 00 \$3,418 24
			Fiscal:		\$3,589 15
			Interest: Duration (Months)	\$3,957 04
		Total Estimated Soft Co	sts:		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 MINOR G.O.



	Bid Item Description	Approximate Quantity		Unit	Unit Price		Total
1.	REMOVE END OF ROAD BARRICADE		0	EΑ	\$0 27		\$0.00
2	7" CONCRETE PAVEMENT - TYPE L65	1,53	0	SY	\$27.31		\$41,784,30
3	COMMON EARTH EXCAVATION	51	0	EΑ	\$2 01		\$1,025 10
4	CONSTRUCT 5" CONCRETE SIDEWALK		0	SF	\$1.80		\$0.0
5	SUBGRADE PREPARATION		0	SY	\$3 90		\$0.0
6	ADJUST MANHOLE TO GRADE		5	EA	\$162.50		\$812.5
7	CONSTRUCT EXTERNAL FRAME SEAL		5	EA	\$370 50		\$1,852.5
8	CONSTRUCT CURB INLET	2	8	EΑ	\$2,464 66		\$69,010.4
9	BARRICADES - TYPE II		0	BD	\$0 38		\$0.0
0	BARRICADES - TYPE III		0	BD	\$1 64		\$0.0
1	SEEDING - TYPE "TEMPORARY SEED MIX"	•	0	AC	\$261 60		\$0.0
2	STRAW MULCH		0	AC	\$534 10		\$0.0
3	CONSTRUCT SILT FENCE		0	LF	\$2 23		\$0.0
4	CLEANOUT SILT FENCE		0	LF	\$3.05		\$0.0
5	CLEANOUT SILT BASIN		0	CY	\$10 90		\$0.0
6	JET EXISTING SEWER		0	LF	\$1 11		\$0.0
	ADD PER CHANGE ORDER NO. 1						
7.	CONSTRUCT MEDIAN SURFACING		0	SF	\$7 02		\$0.0
•	ADD PER CHANGE ORDER NO. 3						
8.	MODIFY MANHOLE		1	LS	\$1,680.17		\$1,680 1
	ADD PER CHANGE ORDER NO. 4						
9	CONSTRUCT CONCRETE RING COLLAR		1	EA	\$350.00		\$350.0
		Construction Costs:		-			\$116,515 0
			<u>s</u>	oft Cost	ts_		
			_	nainaadi	ng, Construction		
				dministr			\$14,479 9
				estina.	ation		\$1,570 5
				esting eview Fe			\$1,159 8
				eview re egal:	ю.		\$5,825 7
				egai. iscal:			\$7,368 9
				iscai. iterest			\$12,090.4
			un	iterest		_	\$12,050.4
		Total Soft Costs:				36%	\$42,495 6
		Total Costs:				_	\$159,010 6

PAVING IN EXCESS OF 6" THICK G.O.



	Bid Item Description	Approximate Quantity	Unit	Unit Price	Tota	1
1.	1" CONCRETE PAVEMENT	2,503	SY	\$27.31	\$6	8,364 73
	CONTINGENCY	0%		\$68,364 73		\$0.00
		Estimated Construction Cost	s:		\$6	8,364 73
			Estimate	d Soft Costs		
				ng Design and		\$0.00
			Legal: Fiscal:		\$	3,418 24 3,589 15
			Interest. Duration (Months)	\$	3,957 04
		Total Estimated Soft Costs:			16% \$1	0,964 42
		Total Estimated Costs:			\$7	9,329 15
ORMULA	PAVEMENT MINOR QUANTITY	19,053 1,530				
	- G.O PAVEMENT MINOR QUANTITY	17,523				
	Pavement SY X (1/7") = 1" Pavement SY	2,503				

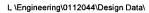


PAVING MAJOR CORNHUSKER ROAD

_ Assumptions/Comments:



CLEARING AND GRUBBING GENERAL 1 LS 2,725 00	\$2,725.00	Unit Price	Unit	pproximate Quantity	Bid Itom Description	
CLEARING AND GRUBBING TREES OVER 9*TO 18*DIAMETER					Bid Item Description	
CLEARING AND GRUBBING TREES OVER 18" TO 2" DIAMETER EA 1,763 00		•			CLEARING AND GRUBBING GENERAL	1.
CLEARING AND GRUBBINS TREES OVER 27" TO 36" DIAMETER	\$2,616.00					2.
5. REMOVE AND REPLACE MAILBOX 22 EA 272 50 7. REMOVE AND REPLACE STOP SIGN 2 EA 196 20 8. REMOVE AND REPLACE STOP SIGN 1 EA 218 00 9. REMOVE CAUVERT PIPE OVER 18" TO 24" 88 LF 11.15 10. REMOVE FLARED EDN SECTION (24" TO 36") 1 EA 160 350 11. REMOVE FLARED EDN SECTION (24" TO 36") 2 S F 4 S B 12. REMOVE SIDEWALK 21 S F 4 58 13. SAW CUT. FULL DEPTH 45 LF 1170 14. REMOVE END OF STREET BARRICADE 1 EA 218 00 15. REMOVE CONCRETE HEADER 75 LF 5 20 16. EARTHWORK (USCAVATION) 465 CY 981 17. EARTHWORK (SCAVATION) 6 HR 165.50 18. EXPLORATORY EVACAVATION 6 HR 165.50 19. 9" CONCRETE PAVEMENT - TYPE L65 97 T S 39 43 20. 7" CONCRETE PAVEMENT - TYPE L65 816 S Y 29 44 21. 7" CONCRETE DRIVEMENT - TYPE L65	\$3,052.00					
REMOVE AND REPLACE STOP SIGN 2 EA 272.50	\$2,180.00 \$1,026.78	· ·				
REMOVE AND REPLACE STOP SIGN 1 EA 218 00	\$545.00					
REMOVE AND RELOCATE SIGN	\$392.40					
REMOVE CILVERT PIPE OVER 18" TO 24" 1	\$218,00					
10. REMOVE FLARED END SECTION (24" TO 36")	\$981.20					
11 REMOVE PAVEMENT	\$163.50	163 50	EA	1		-
12	\$3,921.19	9,73	SY	403		
REMOVE END OF STREET BARRICADE REMOVE CONCRETE HEADER REMOVE CONCRETE PAVEMENT - TYPE L65 REMOVE CONCRETE PAVEMENT - TYPE L65 REMOVE CONCRETE PAVEMENT - TYPE L65 REMOVE CONSTRUCT SCONCRETE SIDEWALK REMOVE CONSTRUCT SCONCRETE REMOVE AND REMOVE REMOV	\$96.18				REMOVE SIDEWALK	
REMOVE CONCRETE HEADER	\$526.50				SAW CUT - FULL DEPTH	13
EARTHWORK (IXCAVATION)	\$218 00				REMOVE END OF STREET BARRICADE	14
EARTHWORK (UNSUITABLE EXCAVATION) EARTHWORK (UNSUITABLE EXCAVATION) EARTHWORK (UNSUITABLE EXCAVATION) EARTHWORK (UNSUITABLE EXCAVATION) EXPLORATORY EXCAVATION SEVELORATORY EXCAVATION OF CONCRETE PAVEMENT - TYPE L65 CONCRETE PAVEMENT - TYPE L65 TO CONCRETE PAVEMENT - TYPE L65 TO CONCRETE DRIVEWAY - TYPE L65 CONSTRUCT S' CONCRETE SIDEWALK CONSTRUCT S' CONCRETE SIDEWALK CONSTRUCT S' CONCRETE SIDEWALK CONSTRUCT S' CONCRETE CURB RAMP EARTHWORK (UNSUITABLE EXCAVATION) CONSTRUCT S' CONCRETE SIDEWALK CONSTRUCT CONCRETE CURB RAMP EARTHWORK (UNSUITABLE EXCAVATION) CONSTRUCT CONCRETE CURB RAMP EARTHWORK (UNSUITABLE EXCAVATION) CONSTRUCT MEDIAN NOSE CONSTRUCT MEDIAN NOSE CONSTRUCT MEDIAN NOSE CONSTRUCT ENDOR SURFACING CONSTRUCT END OF STREET BARRICADE CONSTRUCT END OF STREET BARRICADE CONSTRUCT THICKENED EDGE PAVEMENT CONSTRUCT S' WOVEN WIRE FENCE CONSTRUCT S' R.C.P., CLASS III CONSTRUCT 24'' R.C.P., CLASS III CONSTRUCT 24'' R.C.P., CLASS III CONSTRUCT 24'' R.C.P., CLO, 01) = 1,350 CONSTRUCT CURB INLET - TYPE II CONSTRUCT AB'' R.C.P., D(0,01) = 1,350 CONSTRUCT GURB INLET - TYPE II CONSTRUCT AB'' R.C.P., D(0,01) = 1,350 CONSTRUCT CURB INLET - TYPE II CONSTRUCT AB'' R.C.P., D(0,01) = 1,350 CONSTRUCT AB'' R.C	\$390.00				REMOVE CONCRETE HEADER	15 .
18	\$72,076.54 \$4,561.65					
9 "CONCRETE PAVEMENT - TYPE L65	\$4,367,63 \$981.00					
20. T'CONCRETE PAVEMENT - TYPE L6S 21. T'CONCRETE DRIVEWAY - TYPE L6S 22. CONSTRUCT S'CONCRETE SIDEWALK 23. CONSTRUCT S'CONCRETE SIDEWALK 24. MEDIAN SURFACING 25. CONSTRUCT CONCRETE CURB RAMP 26. CONSTRUCT S'CONCRETE CURB RAMP 27. MEDIAN SURFACING 28. CONSTRUCT MEDIAN NOSE 39. TON 39. TON 30. CONSTRUCT MEDIAN NOSE 39. TON 30. CONSTRUCT EADER 39. TON 30. CONSTRUCT END OF STREET BARRICADE 30. CONSTRUCT END OF STREET BARRICADE 31. LEA 30. CONSTRUCT HICKENED EDGE PAVEMENT 30. CONSTRUCT HICKENED EDGE PAVEMENT 31. CONSTRUCT S'WOVEN WIRE FENCE 31. LEA 32. PCC-LINED FLUME 33. CONSTRUCT 18" R.C.P., CLASS III 34. CONSTRUCT 18" R.C.P., CLASS III 35. CONSTRUCT 18" R.C.P., CLASS III 36. CONSTRUCT 18" R.C.P., CLASS III 37. CONSTRUCT 18" R.C.P., CLASS III 38. CONSTRUCT 18" R.C.P., CLASS III 39. CONSTRUCT 18" R.C.P., CLASS III 40. CONSTRUCT 18" R.C.P., CLASS III 41. LEA 42. CONSTRUCT 18" R.C.P., CLASS III 43. CONSTRUCT 18" R.C.P., CLASS III 44. LEF 47.07 48. CONSTRUCT CURB INLET - TYPE II 49. CONSTRUCT CURB INLET - TYPE II 40. CONSTRUCT 18" R.C.P., CLASS III 41. LEA 42. CONSTRUCT 18" R.C.P., CLASS III 42. CONSTRUCT CURB INLET - TYPE II 43. CONSTRUCT 18" R.C.P., CLASS III 44. LEA 45. CONSTRUCT 18" R.C.P., CLASS III 45. CONSTRUCT 18" R.C.P., CLASS III 46. CONSTRUCT 18" R.C.P., CLASS III 47. CONSTRUCT 18" R.C.P., CLASS III 48. LEA 49. LEA 40. CONSTRUCT 18" R.C.P., CLASS III 49. CONSTRUCT 18" R.C.P., CLASS III 40. CONSTRUCT 18" R.C.P., CLASS III 41. LEA 42. LEA 43. LEA 44. LEA 45. LEA 46. CONSTRUCT 18" R.P. E. EDDING 47. LEA 48.	\$38,523.11					
21	\$232,212.60					
22 . CONSTRUCT 5" CONCRETE SIDEWALK 23 . CONSTRUCT CONCRETE CURB RAMP 495 SF 22 09 24 . MEDIAN SURFACING 0 SF 29 92 25 . CONSTRUCT MEDIAN NOSE 1 EA 1,040 00 26 . CRUSHED ROCK FOR SURFACING 899 TON 27.38 27 . CONCRETE HEADER 112 LF 1040 28 . CONSTRUCT END OF STREET BARRICADE 1 EA 899 80 29 . CONSTRUCT INCKENED EDGE PAVEMENT 30 . CONSTRUCT THICKENED EDGE PAVEMENT 30 . CONSTRUCT STYRUCT STREET BARRICADE 31 LF 119 931 . CONSTRUCT STRUCT STREET BARRICADE 32 . PCC-LINED FLUME 33 . CONSTRUCT STRUCT ST	\$13,712.85			,		
23 . CONSTRUCT CONCRETE CURB RAMP 24 . MEDIAN SURFACING 25 . CONSTRUCT MEDIAN NOSE 36 . CRUSHED ROCK FOR SURFACING 37 . CONCRETE HEADER 38 . CONSTRUCT END OF STREET BARRICADE 38 . CONSTRUCT END OF STREET BARRICADE 39 . CONSTRUCT END OF STREET BARRICADE 30 . CONSTRUCT THICKENED EDGE PAVEMENT 30 . CONSTRUCT THICKENED EDGE PAVEMENT 31 . CONSTRUCT STRAND BARBED WIRE FENCE 31 . LF . 10,40 30 . CONSTRUCT STRAND BARBED WIRE FENCE 31 . LF . 1199 31 . CONSTRUCT 3" WOVEN WIRE FENCE 32 . PCC-LINED FLUME 33 . CONSTRUCT 18" R.C.P., CLASS III 34 . CONSTRUCT 18" R.C.P., CLASS III 35 . CONSTRUCT 24" R.C.P., CLASS III 36 . CONSTRUCT 24" R.C.P., LO. ST. III 37 . CONSTRUCT 48" R.C.P., LO. 19, 13,50 38 . CONSTRUCT CURB INLET - TYPE II 39 . CONSTRUCT CURB INLET - TYPE II 40 . CONSTRUCT CURB INLET - TYPE II 41 . CONSTRUCT CURB INLET - TYPE II 42 . CONSTRUCT CURB INLET - TYPE II 43 . CONSTRUCT 18" R.C. FLARED END SECTION WBAR GRATE 44 . LF . 41,111 48 45 . CONSTRUCT 18" R.C. FLARED END SECTION WBAR GRATE 46 . CONSTRUCT TO THE DEAD SECTION WBAR GRATE 47 . ON STRUCT 18" R.C. FLARED END SECTION WBAR GRATE 48 . CONSTRUCT 18" R.C. FLARED END SECTION WBAR GRATE 49 . EXTERNAL FRAME SEAL 40 . CONSTRUCT 18" R.C. FLARED END SECTION WBAR GRATE 41 . CONSTRUCT 18" R.C. FLARED END SECTION WBAR GRATE 41 . CONSTRUCT 18" R.C. FLARED END SECTION WBAR GRATE 41 . CONSTRUCT 18" R.C. FLARED END SECTION WBAR GRATE 41 . CONSTRUCT 18" R.C. FLARED END SECTION WBAR GRATE 42 . ADJUST MANHOLE TO GRADE 43 . EXTERNAL FRAME SEAL 44 . CONSTRUCT 18" R.C. FLARED END SECTION WBAR GRATE 45 . CONSTRUCT 18" R.C. FLARED END SECTION WBAR GRATE 46 . CONSTRUCT 18" R.C. FLARED END SECTION WBAR GRATE 47 . STABILIZE TRENCH WITH CRUSHED LIMESTONE 48 . CONSTRUCT 18" R.C. FLARED END SECTION WBAR GRATE 49 . SEEDING TYPE "A" 41 . SEEDING TYPE "A" 41 . SEEDING TYPE "A" 41 . SEEDING TYPE "B.C. FLARED LIMESTONE 41 . CONSTRUCT 18" R.C. FLARED LIMESTONE 42 . ADJUST MANHOLE OVER 24" R.C. FLARED LIMESTONE 44 . CONSTRUCT 18" R.C. FLARED LIMESTONE 45 . CONSTRUCT 18" R.C. FLARED LIMESTONE 46 .	\$43,845.36					
24 . MEDIAN SURFACING 0 SF 29 92 25 . CONSTRUCT MEDIAN NOSE 1 EA 1,040 00 26 . CRUSHED ROCK FOR SURFACING 899 TON 27.38 27 . CONCRETE HEADER 112 LF 10 40 28 . CONSTRUCT END OF STREET BARRICADE 1 EA 893 80 29 . CONSTRUCT THICKENED EDGE PAVEMENT 273 LF 10.40 30 . CONSTRUCT 4-STRAND BARBED WIRE FENCE 201 LF 11 99 31 . CONSTRUCT 3' WOVEN WIRE FENCE 0 LF 654 32 . PCC-LINED FLUME 10 LF 130 00 33 . CONSTRUCT 18" R.C.P., CLASS III 1.018 LF 33 25 34 . CONSTRUCT 24" R.C.P., CLASS III 48 LF 47.07 35 . CONSTRUCT 48" R.C.P., D(0.01) = 1,350 45 LF 153 69 36 . CONSTRUCT 48" R.C.P., D(0.01) = 1,350 45 LF 153 69 37 . CONSTRUCT CURB INLET - TYPE III 4 EA 2,766 45 38 . CONSTRUCT 54" R.C., FLARED END SECTION WBAR GRATE 1 EA 4,111 48 39 . CONSTRUCT 48" R.C., FLARED END SECTION WBAR GRATE 1 EA 4,111 48 40 . CONSTRUCT 48" R.C. FLARED END SECTION WBAR GRATE 0 EA 4,109 30	\$10,934.55					
25	\$0.00	29 92	SF	0		
26 CRUSHED ROCK FOR SURFACING 899 TON 27.38 27 CONCRETE HEADER 112 LF 10.40 28 CONSTRUCT END OF STREET BARRICADE 1 EA 893 80 29 CONSTRUCT THICKENED EDGE PAVEMENT 273 LF 10.40 30 CONSTRUCT 3' WOVEN WIRE FENCE 201 LF 19.65 31 CONSTRUCT 3' WOVEN WIRE FENCE 10 LF 6.54 32 PCC-LINED FLUME 10 LF 130.00 33 CONSTRUCT 18" R.C.P., CLASS III 1,018 LF 47.07 35 CONSTRUCT 24" R.C.P., D(0.01) = 1,350 45 LF 153.69 36 CONSTRUCT CURB INLET - TYPE II 5 EA 2,515.16 37 CONSTRUCT CURB INLET - TYPE II 5 EA 2,516.16 38 CONSTRUCT GAB" R.C. FLARED END SECTION W/BAR GRATE 1 EA 4,111.48 39 CONSTRUCT S4" I.D. FLATTOP MANHOLE OVER 24" PIPE 7 VF 453.44 40 CONSTRUCT 38" R.C. FLA	\$1,040.00	1,040 00	EA	1		
27. CONCRETE HEADER 28. CONSTRUCT END OF STREET BARRICADE 29. CONSTRUCT THICKENED EDGE PAVEMENT 30. CONSTRUCT 4-STRAND BARBED WIRE FENCE 31. CONSTRUCT 3' WOVEN WIRE FENCE 32. PC-LINED FLUME 33. CONSTRUCT 18" R.C.P., CLASS III 34. CONSTRUCT 18" R.C.P., CLASS III 35. CONSTRUCT 18" R.C.P., CLASS III 36. CONSTRUCT 24" R.C.P., D(0.01) = 1,350 37. CONSTRUCT 48" R.C.P., D(0.01) = 1,350 38. CONSTRUCT CURB INLET - TYPE II 39. CONSTRUCT CURB INLET - TYPE III 30. CONSTRUCT CURB INLET - TYPE III 30. CONSTRUCT 54" I.D. FLATTOP MANHOLE OVER 24" PIPE 30. CONSTRUCT 72" I.D. FLATTOP MANHOLE OVER 26" PIPE 40. CONSTRUCT 72" I.D. FLATTOP MANHOLE OVER 36" PIPE 41. CONSTRUCT 72" I.D. FLATTOP MANHOLE OVER 36" PIPE 42. ADJUST MANHOLE TO GRADE 43. EXTERNAL FRAME SEAL 44. CONSTRUCT 18" PIPE BEDDING 45. CONSTRUCT 18" PIPE BEDDING 46. CONSTRUCT 48" PIPE BEDDING 47. STABILIZE TRENCH WITH CRUSHED LIMESTONE 48. CONSTRUCT 48" PIPE BEDDING 49. SEEDING - TYPE "B" 40. CONSTRUCT RIPAP - TYPE "A" 40. CONSTRUCT 88" PIPE BEDDING 41. CONSTRUCT 48" PIPE BEDDING 42. ADJUST MANHOLE TO GRADE 43. EXTERNAL FRAME SEAL 44. CONSTRUCT 18" PIPE BEDDING 45. LF 46. CONSTRUCT 48" PIPE BEDDING 47. STABILIZE TRENCH WITH CRUSHED LIMESTONE 48. LF 49. SEEDING - TYPE "B"	\$24,605.31			899		
29 . CONSTRUCT THICKENED EDGE PAVEMENT 273 LF 10.40 30 . CONSTRUCT 4-STRAND BARBED WIRE FENCE 201 LF 11 199 31 . CONSTRUCT 3' WOVEN WIRE FENCE 0 LF 654 32 . PCC-LINED FLUME 10 LF 130 00 33 . CONSTRUCT 18" R.C.P., CLASS III 1,018 LF 33 25 34 . CONSTRUCT 24" R.C.P., CLASS III 1,018 LF 33 25 35 . CONSTRUCT 24" R.C.P., CLASS III 1,018 LF 153 69 36 . CONSTRUCT 48" R.C.P., D(0.01) = 1,350 45 LF 153 69 37 . CONSTRUCT CURB INLET - TYPE II 5 EA 2,515 16 37 . CONSTRUCT URB INLET - TYPE III 4 EA 2,786 45 38 . CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 1 EA 4,111 48 39 . CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 1 EA 4,111 48 40 . CONSTRUCT 52" I.D. FLATTOP MANHOLE OVER 24" PIPE 7 VF 453.44 41 . CONSTRUCT 52" I.D. FLATTOP MANHOLE OVER 36" PIPE 10 CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 10 EA 4,109 30 42 . ADJUST MANHOLE TO GRADE 4 EA 162.50 43 . EXTERNAL FRAME SEAL 2 EA 370 50 44 . CONSTRUCT 18" PIPE BEDDING 4 EA 162.50 45 . CONSTRUCT 18" PIPE BEDDING 4 EA 162.50 46 . CONSTRUCT 18" PIPE BEDDING 4 EF 64 47 . STABILIZE TRENCH WITH CRUSHED LIMESTONE 4 EF 64 48 . CONSTRUCT 24" PIPE BEDDING 4 EF 64 49 . SEEDING - TYPE "B" 5 AC 1.297,10	\$1,164.80				CONCRETE HEADER	
201 LF 11 99	\$893.80				CONSTRUCT END OF STREET BARRICADE	28 .
31. CONSTRUCT 3' WOVEN WIRE FENCE 32. PCC-LINED FLUME 33. CONSTRUCT 18" R.C.P., CLASS III 34. CONSTRUCT 18" R.C.P., CLASS III 35. CONSTRUCT 24" R.C.P., D(.0.01) = 1,350 36. CONSTRUCT 48" R.C.P., D(.0.01) = 1,350 36. CONSTRUCT CURB INLET - TYPE II 37. CONSTRUCT CURB INLET - TYPE III 38. CONSTRUCT CURB INLET - TYPE III 39. CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 30. CONSTRUCT 54" I.D. FLATTOP MANHOLE OVER 24" PIPE 40. CONSTRUCT 54" I.D. FLATTOP MANHOLE OVER 36" PIPE 41. CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 42. ADJUST MANHOLE TO GRADE 43. EXTERNAL FRAME SEAL 44. CONSTRUCT 18" RIC. FLARED END SECTION W/BAR GRATE 45. CONSTRUCT 48" RIC. FLARED END SECTION W/BAR GRATE 46. CONSTRUCT 48" PIPE BEDDING 47. STABILIZE TRENCH WITH CRUSHED LIMESTONE 48. CONSTRUCT 48" PIPE BEDDING 49. SEEDING - TYPE "B" 40. CONSTRUCT RIC. FLARED LIMESTONE 40. CONSTRUCT ON 19 PIPE BEDDING 41. CONSTRUCT ON 19 PIPE BEDDING 42. ADJUST MANHOLE TO GRADE 43. CONSTRUCT ON 19 PIPE BEDDING 44. CONSTRUCT ON 19 PIPE BEDDING 45. CONSTRUCT ON 19 PIPE BEDDING 46. CONSTRUCT ON 19 PIPE BEDDING 47. STABILIZE TRENCH WITH CRUSHED LIMESTONE 48. CONSTRUCT ON 19 PIPE BEDDING 49. SEEDING - TYPE "B"	\$2,839.20					29 .
32 . CONSTRUCT 18" R.C.P., CLASS III 33 . CONSTRUCT 18" R.C.P., CLASS III 34 . CONSTRUCT 24" R.C.P., D(0.01) = 1,350 35 . CONSTRUCT 24" R.C.P., D(0.01) = 1,350 36 . CONSTRUCT CURB INLET - TYPE I 37 . CONSTRUCT CURB INLET - TYPE II 38 . CONSTRUCT CURB INLET - TYPE III 39 . CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 40 . CONSTRUCT 5" I.D. FLATTOP MANHOLE OVER 24" PIPE 41 . CONSTRUCT 5" I.D. FLATTOP MANHOLE OVER 24" PIPE 42 . CONSTRUCT 5" I.D. FLATTOP MANHOLE OVER 24" PIPE 43 . CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 44 . CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 45 . CONSTRUCT 5" I.D. FLATTOP MANHOLE OVER 24" PIPE 46 . CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 47 . STABILIZE TRENCH SEAL 48 . CONSTRUCT 48" PIPE BEDDING 49 . SEEDING - TYPE "B" 49 . SEEDING - TYPE "B" 40 . CONSTRUCT CON RIP-RAP - TYPE "A" 40 . CONSTRUCT CON RIP-RAP - TYPE "A" 41 . CONSTRUCT CON RIP-RAP - TYPE "A" 42 . CONSTRUCT CON RIP-RAP - TYPE "A" 44 . CONSTRUCT CON RIP-RAP - TYPE "A" 45 . CONSTRUCT ON RIP-RAP - TYPE "A" 46 . CONSTRUCT ON RIP-RAP - TYPE "A" 47 . SEEDING - TYPE "B"	\$2,409 99					30 .
33 CONSTRUCT 18" R.C.P., CLASS III 34 CONSTRUCT 24" R.C.P., CLASS III 35 CONSTRUCT 24" R.C.P., D(0.01) = 1,350 36 CONSTRUCT CURB INLET - TYPE I 37 CONSTRUCT CURB INLET - TYPE II 38 CONSTRUCT CURB INLET - TYPE III 39 CONSTRUCT CURB INLET - TYPE III 39 CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 40 CONSTRUCT 54" I.D. FLATTOP MANHOLE OVER 24" PIPE 41 CONSTRUCT 54" I.D. FLATTOP MANHOLE OVER 36" PIPE 42 ADJUST MANHOLE TO GRADE 43 EXTERNAL FRAME SEAL 44 CONSTRUCT 18" PIPE BEDDING 45 CONSTRUCT 18" PIPE BEDDING 46 CONSTRUCT 18" PIPE BEDDING 47 CONSTRUCT 18" PIPE BEDDING 48 LF 50 CONSTRUCT 18" PIPE BEDDING 51 CONSTRUCT 18" PIPE BEDDING 52 CONSTRUCT 18" PIPE BEDDING 53 CONSTRUCT 18" PIPE BEDDING 54 CONSTRUCT 18" PIPE BEDDING 55 CONSTRUCT 18" PIPE BEDDING 56 CONSTRUCT 18" PIPE BEDDING 57 CONSTRUCT 18" PIPE BEDDING 58 CONSTRUCT 18" PIPE BEDDING 59 CONSTRUCT 18" PIPE BEDDING 50 CONSTRUCT 18" PIPE BEDDING 51 CONSTRUCT 18" PIPE BEDDING 52 CONSTRUCT 18" PIPE BEDDING 55 CONSTRUCT 18" PIPE BEDDING 56 CONSTRUCT 18" PIPE BEDDING 57 CONSTRUCT 18" PIPE BEDDING 58 CONSTRUCT 18" PIPE BEDDING 59 CONSTRUCT 18" PIPE BEDDING 50 CONSTRUCT 18" PIPE BEDDING 51 CONSTRUCT 18" PIPE BEDDING 52 CONSTRUCT 18" PIPE BEDDING 53 CONSTRUCT 18" PIPE BEDDING 56 CONSTRUCT 18" PIPE BEDDING 57 CONSTRUCT 18" PIPE BEDDING 58 CONSTRUCT 18" PIPE BEDDING 59 CONSTRUCT 18" PIPE BEDDING 50 CONSTRUCT 18" PIPE BEDDING 50 CONSTRUCT 18" PIPE BEDDING 51 CONSTRUCT 18" PIPE BEDDING 52 CONSTRUCT 18" PIPE BEDDING 53 CONSTRUCT 18" PIPE BEDDING 56 CONSTRUCT 18" PIPE BEDDING 57 CONSTRUCT 18" PIPE BEDDING 58 CONSTRUCT 18" PIPE BEDDING 59 CONSTRUCT 18" PIPE BEDDING 60 CONSTRUCT 18" PIPE BEDDING 60 CONSTRUCT 18" PIPE BEDDING 60 CONSTRUCT 18" PIPE	\$0.00 \$1,300.00					
34 . CONSTRUCT 24" R.C.P., CLASS III 35 . CONSTRUCT 48" R.C.P., D(0.01) = 1,350 36 . CONSTRUCT CURB INLET - TYPE I 37 . CONSTRUCT CURB INLET - TYPE II 38 . CONSTRUCT CURB INLET - TYPE III 39 . CONSTRUCT CURB INLET - TYPE III 40 . CONSTRUCT 54" R.C. FLARED END SECTION W/BAR GRATE 40 . CONSTRUCT 54" I.D. FLATTOP MANHOLE OVER 24" PIPE 41 . CONSTRUCT 72" I.D. FLATTOP MANHOLE OVER 36" PIPE 42 . ADJUST MANHOLE TO GRADE 43 . EXTERNAL FRAME SEAL 44 . CONSTRUCT 18" PIPE BEDDING 45 . CONSTRUCT 18" PIPE BEDDING 46 . CONSTRUCT 24" PIPE BEDDING 47 . STABILIZE TRENCH WITH CRUSHED LIMESTONE 48 . CONSTRUCT CAS" PIPE BEDDING 49 . SEEDING - TYPE "B" 57 . TON 53 41 59 . CONSTRUCT ROCK RIP-RAP - TYPE "A" 50 . CONSTRUCT ROCK RIP-RAP - TYPE "A" 50 . CONSTRUCT TYPE "B"	\$33,848.50					
35 CONSTRUCT 48" R.C.P., D(0.01) = 1,350 36. CONSTRUCT CURB INLET - TYPE II 37 CONSTRUCT CURB INLET - TYPE III 38. CONSTRUCT CURB INLET - TYPE III 39. CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 39. CONSTRUCT 54" I.D. FLATTOP MANHOLE OVER 24" PIPE 40. CONSTRUCT 54" I.D. FLATTOP MANHOLE OVER 24" PIPE 41. CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 42. ADJUST MANHOLE TO GRADE 43. EXTERNAL FRAME SEAL 44. CONSTRUCT 48" PIPE BEDDING 45. CONSTRUCT 24" PIPE BEDDING 46. CONSTRUCT 48" PIPE BEDDING 47. STABILIZE TRENCH WITH CRUSHED LIMESTONE 48. CONSTRUCT CK PIPE BEDDING 49. SEEDING - TYPE "B" 40. CONSTRUCT RAP - TYPE "A" 40. CONSTRUCT RAP - TYPE "A" 41. CONSTRUCT RAP - TYPE "B" 42. ADJUST MANHOLE TO GRADE 43. CONSTRUCT SEDDING 44. CONSTRUCT SEDDING 45. CONSTRUCT SEDDING 46. CONSTRUCT SEDDING 47. STABILIZE TRENCH WITH CRUSHED LIMESTONE 48. CONSTRUCT RAP - TYPE "A" 49. SEEDING - TYPE "B"	\$2,259.36			•		
36 . CONSTRUCT CURB INLET - TYPE II 37	\$6,916.05					
37 CONSTRUCT CURB INLET - TYPE III 38 CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 39 CONSTRUCT 54" I.D. FLATTOP MANHOLE OVER 24" PIPE 40 CONSTRUCT 72" I.D. FLATTOP MANHOLE OVER 36" PIPE 41 CONSTRUCT 72" I.D. FLATTOP MANHOLE OVER 36" PIPE 42 ADJUST MANHOLE TO GRADE 43 EXTERNAL FRAME SEAL 44 CONSTRUCT 18" PIPE BEDDING 45 CONSTRUCT 18" PIPE BEDDING 46 CONSTRUCT 18" PIPE BEDDING 47 STABILIZE TRENCH WITH CRUSHED LIMESTONE 48 CONSTRUCT 48" PIPE BEDDING 49 SEEDING - TYPE "B" 40 CONSTRUCT 19" PIPE "A" 50 CONSTRUCT 19" PIPE BEDDING 51 CONSTRUCT 18" PIPE BEDDING 52 CONSTRUCT 18" PIPE BEDDING 53 CONSTRUCT 18" PIPE BEDDING 54 CONSTRUCT 18" PIPE BEDDING 55 TON 56 CONSTRUCT 18" PIPE BEDDING 57 TON 58 CONSTRUCT COCK RIP-RAP - TYPE "A" 58 CONSTRUCT TYPE "B"	\$12,575.80					
38. CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 1 EA 4,111 48 39. CONSTRUCT 54" I.D. FLATTOP MANHOLE OVER 24" PIPE 7 VF 453.44 40. CONSTRUCT 72" I.D. FLATTOP MANHOLE OVER 36" PIPE 20 VF 644.19 41. CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 0 EA 4,109 30 42. ADJUST MANHOLE TO GRADE 4 EA 162.50 43. EXTERNAL FRAME SEAL 2 EA 370 50 44. CONSTRUCT 18" PIPE BEDDING 1,018 LF 47 45. CONSTRUCT 24" PIPE BEDDING 48 LF 5 45 46. CONSTRUCT 48" PIPE BEDDING 45 LF 8 72 47. STABILIZE TRENCH WITH CRUSHED LIMESTONE 0 TN 19 89 48. CONSTRUCT ROCK RIP-RAP - TYPE "A" 57 TON 53 41 49. SEEDING - TYPE "B" 2.9 AC 1,297.10	\$11,145.80					
39. CONSTRUCT 54" I.D. FLATTOP MANHOLE OVER 24" PIPE 7 VF 453.44 40. CONSTRUCT 72" I.D. FLATTOP MANHOLE OVER 36" PIPE 20 VF 644.19 41. CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 0 EA 4,109 30 42. ADJUST MANHOLE TO GRADE 4 EA 162.50 43. EXTERNAL FRAME SEAL 2 EA 370 50 44. CONSTRUCT 18" PIPE BEDDING 1,018 LF 4 47 45. CONSTRUCT 24" PIPE BEDDING 48 LF 5 45 46. CONSTRUCT 48" PIPE BEDDING 45 LF 8 72 47. STABILIZE TRENCH WITH CRUSHED LIMESTONE 0 TN 19 89 48. CONSTRUCT ROCK RIP-RAP - TYPE "A" 57 TON 53 41 49. SEEDING - TYPE "B" 2.9 AC 1,297.10	\$4,111.48					
40 . CONSTRUCT 72" I.D. FLATTOP MANHOLE OVER 36" PIPE 41 . CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 42 ADJUST MANHOLE TO GRADE 43 . EXTERNAL FRAME SEAL 44 . CONSTRUCT 18" PIPE BEDDING 45 . CONSTRUCT 18" PIPE BEDDING 46 . CONSTRUCT 24" PIPE BEDDING 47 . STABILIZE TRENCH WITH CRUSHED LIMESTONE 48 . CONSTRUCT CK RIP-RAP - TYPE "A" 49 . SEEDING - TYPE "B" 20 VF 644.19 644.19 844 . 109.30 84	\$3,174 08	453.44	VF	7		
41. CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 0 EA 4,109 30 42 ADJUST MANHOLE TO GRADE 4 EA 162.50 43. EXTERNAL FRAME SEAL 2 EA 370 50 44. CONSTRUCT 18" PIPE BEDDING 1,018 LF 4 47 45. CONSTRUCT 24" PIPE BEDDING 48 LF 5 45 46. CONSTRUCT 48" PIPE BEDDING 45 LF 8 72 47. STABILIZE TRENCH WITH CRUSHED LIMESTONE 0 TN 19 89 48. CONSTRUCT ROCK RIP-RAP - TYPE "A" 57 TON 53 41 49. SEEDING - TYPE "B" 2.9 AC 1,297.10	\$12,883.80	644.19	VF	20		
42 ADJUST MANHOLE TO GRADE 4 EA 162.50 43 EXTERNAL FRAME SEAL 2 EA 370.50 44 CONSTRUCT 18" PIPE BEDDING 1,018 LF 4.7 45 CONSTRUCT 24" PIPE BEDDING 48 LF 5.45 46 CONSTRUCT 48" PIPE BEDDING 45 LF 8.72 47 STABILIZE TRENCH WITH CRUSHED LIMESTONE 0 TN 19.89 48 CONSTRUCT ROCK RIP-RAP - TYPE "A" 57 TON 53.41 49 SEEDING - TYPE "B" 2.9 AC 1,297.10	\$0.00	·	EA	0	CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE	
44 . CONSTRUCT 18" PIPE BEDDING 45 . CONSTRUCT 24" PIPE BEDDING 46 . CONSTRUCT 48" PIPE BEDDING 46 . CONSTRUCT 48" PIPE BEDDING 47 . STABILIZE TRENCH WITH CRUSHED LIMESTONE 48 . CONSTRUCT ROCK RIP-RAP - TYPE "A" 49 . SEEDING - TYPE "B" 49 . SEEDING - TYPE "B" 40 . CONSTRUCT ROCK RIP-RAP - TYPE "A" 40 . CONSTRUCT ROCK RIP-RAP - TYPE "A" 41 . CONSTRUCT ROCK RIP-RAP - TYPE "A" 42 . CONSTRUCT ROCK RIP-RAP - TYPE "A" 43 . CONSTRUCT ROCK RIP-RAP - TYPE "A" 44 . CONSTRUCT ROCK RIP-RAP - TYPE "A" 45 . CONSTRUCT ROCK RIP-RAP - TYPE "A" 46 . CONSTRUCT ROCK RIP-RAP - TYPE "A" 47 . STABILIZE TRENCH WITH CRUSHED LIMESTONE 48 . CONSTRUCT ROCK RIP-RAP - TYPE "A" 49 . SEEDING - TYPE "B"	\$650.00				ADJUST MANHOLE TO GRADE	
45 CONSTRUCT 24" PIPE BEDDING 46 CONSTRUCT 48" PIPE BEDDING 46 CONSTRUCT 48" PIPE BEDDING 47 STABILIZE TRENCH WITH CRUSHED LIMESTONE 48 CONSTRUCT ROCK RIP-RAP - TYPE "A" 49 SEEDING - TYPE "B" 48 CONSTRUCT ROCK RIP-RAP - TYPE "A" 57 TON 53 41 59 CONSTRUCT ROCK RIP-RAP - TYPE "A" 59 CONSTRUCT ROCK RIP-RAP - TYPE "A" 50 CONSTRUCT ROCK RIP-RAP - TYPE "A" 51 CONSTRUCT ROCK RIP-RAP - TYPE "A" 52 CONSTRUCT ROCK RIP-RAP - TYPE "A" 53 CONSTRUCT ROCK RIP-RAP - TYPE "A" 54 CONSTRUCT ROCK RIP-RAP - TYPE "A" 55 CONSTRUCT ROCK RIP-RAP - TYPE "A" 56 CONSTRUCT ROCK RIP-RAP - TYPE "A" 57 CONSTRUCT ROCK RIP-RAP - TYPE "A" 58 CONSTRUCT ROCK RIP-RAP - TYPE "A" 59 CONSTRUCT ROCK RIP-RAP - TYPE "A" 59 CONSTRUCT ROCK RIP-RAP - TYPE "A" 59 CONSTRUCT ROCK RIP-RAP - TYPE "A" 50 CONSTRUCT ROCK RIP-RAP - TYPE "A" 50 CONSTRUCT ROCK RIP-RAP - TYPE "A" 50 CONSTRUCT ROCK RIP-RAP - TYPE "A" 59 CONSTRUCT ROCK RIP-RAP - TYPE "A" 50 CONSTRUCT ROCK RIP-RAP - TYPE "A" 50 CONSTRUCT ROCK RIP-RAP - TYPE "A" 50 CONSTRUCT ROCK RIP-RAP - TYPE "A"	\$741.00				EXTERNAL FRAME SEAL	43 .
46 . CONSTRUCT 48" PIPE BEDDING 47 . STABILIZE TRENCH WITH CRUSHED LIMESTONE 48 . CONSTRUCT ROCK RIP-RAP - TYPE "A" 49 . SEEDING - TYPE "B" 45	\$4,550.46			•		44 .
47 . STABILIZE TRENCH WITH CRUSHED LIMESTONE 0 TN 19 89 48 . CONSTRUCT ROCK RIP-RAP - TYPE "A" 57 TON 53 41 49 . SEEDING - TYPE "B" 2.9 AC 1,297.10	\$261.60 \$392.40					45 .
48 . CONSTRUCT ROCK RIP-RAP - TYPE "A" 57 TON 53 41 49 . SEEDING - TYPE "B" 2.9 AC 1,297.10	\$0.00					
49 . SEEDING - TYPE "B" 2.9 AC 1,297.10	\$3,044 37					
45. SEEDING************************************	\$3,761.59					
FO CONCEDICE OUR LE 2.23	\$1,355.84	2.23	LF	608		
50. CONSTRUCT SILT FENCE 51. ROLLED EROSION CONTROL, TYPE II 14,137 SY 131	\$18,519.47					
52 . EROSION CHECKS, WATTLE 0 LF 2.51	\$0.00	2.51				
53 . PERMANENT ROLLED EROSION CONTROL 0 SY 4 80	\$0.00	4 80	SY	0		
54 . 5" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID 80 LF 3 54	\$283 20	3 54	LF	80	5" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID	54 .
55 5" PREFORMED PAVEMENT MARKING TAPE, GROOVED - YELLOW SOLID 5,370 LF 3 41	\$18,311.70	3 41	LF	5,370	5" PREFORMED PAVEMENT MARKING TAPE, GROOVED - YELLOW SOLID	55
56 12" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID 27 LF 16 35	\$441.45	16 35	LF	27	12" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID	56
57 24" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID 64 LF 21.26 59 13" PAINTED PAVEMENT MARKING - WHITE SOLID 24 LF 7 63	\$1,360.64 \$183.12					
36 12 TAINTED TAINTED TAINTED OOLD	\$163.12 \$567.20					
39 Z4 FAIIAIED FAVENCIAL MINICULA - ANTICE COLID	Ψ307.20	7 08	LI	80	24" PAINTED PAVEMENT MARKING - WHITE SULID	59
PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL, GROOVED - 60 WHITE DIRECTIONAL ARROW 1 EA 256 15	\$256.15	256 15	EA	1		60



	PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL, GROOVED -				
61	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	1,000	SY	7.36	\$7,360.00
•	ADD PER CHANGE ORDER NO. 2				
68	REMOBILIZATION	1	LŞ	17,500.00	\$17,500.00
•••	ADD PER CHANGE ORDER NO. 4				
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	1	LS	\$8,865.15	\$8,865 15
, ,	ADD PER CHANGE ORDER NO. 5				
74	HAUL OFF	2,243	CY	\$10.29	\$23,080.47
7-7	ADD PER CHANGE ORDER NO. 6	_,			
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	ĒĀ	\$275.00	\$275.00
78	CURB INLET FILTERS	9	ĒΑ	\$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
01	REMOVE BRICK FILESING				
	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
54	I HOIVIAS D. OLTVIAN	,		45,5.5.5	4-,5100
	CONTINGENCY	0%		\$722,142.45	\$0.00
	CONTINGENCI	0,0		Ţ. <u></u> , / - <u>-</u> ,	***************************************

Estimated Construction Costs:

\$722,142.45

Estimated Soft Costs

Engineering, Construction	
Administration:	\$196,665.37
Testing	\$5,735.00
Review Fee	\$6 383 18

5,735.00 \$6,383 18 \$36,107 13 Legal: Fiscal: \$48,351 68 Interest: \$31,944.28

Duration (Months)

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

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

Estimated 1/3 Sarpy County Contribution 1/3 Estimated Construction Costs (less sidewalks) 1/3 Estimated Design, CA & Testing \$222,454.18 \$67,466 79

\$289,920.97 Total Estimated Sarpy County Reimbursable

Estimated 1/3 Contribution North Shore SID General Obligation \$378,704 06

Estimated 1/3 Future Contribution SID 292 & Undeveloped Ground North of Cornhusker Future SID Contribution 48% \$182, \$182,069.26 North Shore Phase 3 Contribution 52% \$196,634.80

\$575,338.86 SID 292 Total Contribution



PAVING MAJOR - GO



CLEARING AND GRUBBING GENERAL 1 LS \$2,725.0	0 \$2,725.00 0 \$2,616.00 0 \$2,616.00 0 \$3,052.00 0 \$2,180.00 9 \$1,026.78 0 \$545.00 0 \$392.40 0 \$218.00 5 \$981.20 0 \$163.50 3 \$3,921.19 8 \$96.18 0 \$526.50 0 \$218.00 0 \$390.00 3 \$72,076.54 1 \$4,561.65 0 \$981.00 3 \$38,523.11
2 . CLEARING AND GRUBBING TREES OVER 9" TO 18" DIAMETER 3 . CLEARING AND GRUBBING TREES OVER 18" TO 27" DIAMETER 4 . CLEARING AND GRUBBING TREES OVER 21" TO 36" DIAMETER 5 . REMOVE FENCE 6 . REMOVE AND REPLACE MAILBOX 7 . REMOVE AND REPLACE MAILBOX 7 . REMOVE AND REPLACE STOP SIGN 8 . REMOVE AND RELOCATE SIGN 9 . REMOVE AND RELOCATE SIGN 9 . REMOVE CULVERT PIPE OVER 18" TO 24" 10 . REMOVE FLARED END SECTION (24" TO 36") 11 . REMOVE PAVEMENT 12 . REMOVE PAVEMENT 13 . SAW CUT - FULL DEPTH 14 . REMOVE SIDEWALK 15 . REMOVE END OF STREET BARRICADE 15 . REMOVE CONCRETE HEADER 16 . EARTHWORK (EXCAVATION) 11 . FEARTHWORK (UNSUITABLE EXCAVATION) 16 . EARTHWORK (UNSUITABLE EXCAVATION) 17 . EARTHWORK (UNSUITABLE EXCAVATION) 18 . EXPLORATORY EXCAVATION 19 . OF CONCRETE PAVEMENT - TYPE L65 19 . OF CONCRETE PAVEMENT - TYPE L65 20 . 7" CONCRETE PAVEMENT - TYPE L65 21 . TO CONCRETE DRIVEWAY - TYPE L65 22 . CONSTRUCT SONCRETE SIDEWALK 23 . CONSTRUCT CONCRETE GURBAMP 24 . MEDIAN SURFACING 25 . SE2.0 26 . MEDIAN SURFACING 26 . SP. \$22.0 27 . CONSTRUCT SONCRETE SIDEWALK 28 . SP. \$22.0 29 . MEDIAN SURFACING 39 . SP. \$22.0 20 . ONSTRUCT CONCRETE CURB RAMP 30 . SF. \$22.0 31 . CONSTRUCT CONCRETE CURB RAMP 31 . SP. \$22.0 32 . CONSTRUCT CONCRETE CURB RAMP 31 . SP. \$22.0 32 . CONSTRUCT CONCRETE CURB RAMP 32 . SP. \$22.0 34 . MEDIAN SURFACING 30 . SF. \$22.0 35 . CONSTRUCT CONCRETE CURB RAMP 30 . SF. \$22.0 30 . MEDIAN SURFACING 30 . SF. \$22.0 31 . CONSTRUCT CONCRETE CURB RAMP 31 . SP. \$22.0 32 . CONSTRUCT CONCRETE CURB RAMP 32 . SP. \$22.0 34 . MEDIAN SURFACING	0 \$2,616.00 0 \$3,052.00 0 \$2,180.00 9 \$1,026.78 0 \$545.00 0 \$392.40 0 \$392.40 0 \$180.00 5 \$981.20 0 \$163.50 3 \$3,921.19 8 \$56.18 0 \$526.50 0 \$218.00 0 \$390.00 3 \$72,076.54 44,561.65 0 \$981.00
3. CLEARING AND GRUBBING TREES OVER 18" TO 27" DIAMETER 4. CLEARING AND GRUBBING TREES OVER 27" TO 36" DIAMETER 5. REMOVE FINCE 6. REMOVE AND REPLACE MAILBOX 7. REMOVE AND REPLACE MAILBOX 8. REMOVE AND REPLACE STOP SIGN 8. REMOVE AND REPLACE STOP SIGN 9. REMOVE CULVERT PIPE OVER 18" TO 24" 10. REMOVE FLARED END SECTION (24" TO 36") 11. REMOVE FLARED END SECTION (24" TO 36") 12. REMOVE PAVEMENT 13. SAW CUT - FULL DEPTH 14. REMOVE END OF STREET BARRICADE 15. REMOVE CONCRETE HEADER 16. EARTHWORK (EXCAVATION) 17. EARTHWORK (UNSUITABLE EXCAVATION) 18. EXPLORATORY EXCAVATION) 19. 9" CONCRETE PAVEMENT - TYPE L65 19. T' CONCRETE PAVEMENT - TYPE L65 20. T' CONCRETE PAVEMENT - TYPE L65 21. T' CONCRETE DRIVEWAY - TYPE L65 22. CONSTRUCT S' CONCRETE SIDEWALK 23. CONSTRUCT S' CONCRETE SIDEWALK 24. MEDIAN SURFACING 25. S29.9 24. MEDIAN SURFACING 26. SE1.	0 \$3,052.00 0 \$2,180.00 9 \$1,026.78 0 \$545.00 0 \$392.40 0 \$218.00 5 \$981.20 0 \$163.50 3 \$3,921.19 8 \$96.18 0 \$526.50 0 \$218.00 0 \$390.00 3 \$72,076.54 1 \$4,561.65 0 \$981.00 3 \$38,523.11
4. CLEARING AND GRUBBING TREES OVER 27" TO 36" DIAMETER 5. REMOVE FENCE 6. REMOVE AND REPLACE MAILBOX 7. REMOVE AND REPLACE STOP SIGN 8. REMOVE AND REPLACE STOP SIGN 8. REMOVE AND REPLACE STOP SIGN 9. REMOVE AND REPLACE STOP SIGN 10. REMOVE CULVERT PIPE OVER 18" TO 24" 10. REMOVE FLARED END SECTION (24" TO 36") 11. REMOVE PAVEMENT 12. REMOVE SIDEWALK 13. SAW CUT - FULL DEPTH 14. REMOVE END OF STREET BARRICADE 15. REMOVE CONCRETE HEADER 16. EARTHWORK (EXCAVATION) 17. EARTHWORK (EXCAVATION) 18. EXPLORATORY EXCAVATION) 19. "CONCRETE PAVEMENT - TYPE L65 19. "CONCRETE PAVEMENT - TYPE L65 19. "CONCRETE DRIVEWAY - TYPE L65 20. "T" CONCRETE DRIVEWAY - TYPE L65 21. "SON TRUCT CONCRETE SIDEWALK 22. CONSTRUCT CONCRETE SIDEWALK 23. CONSTRUCT CONCRETE GURB RAMP 24. MEDIAN SURFACING 35. \$29.9 24. MEDIAN SURFACING 36. \$29.9 27. CONSTRUCT CONCRETE CURB RAMP 495 SF \$22.0 40. MEDIAN SURFACING	0 \$2,180.00 9 \$1,026.78 0 \$545.00 0 \$392.40 0 \$218.00 5 \$981.20 0 \$163.50 3 \$3,921.19 8 \$96.18 0 \$526.50 0 \$218.00 0 \$390.00 3 \$72,076.54 1 \$4,561.65 0 \$981.00 3 \$38523.11
5. REMOVE FENCE 942 LF \$1.0 6 REMOVE AND REPLACE MAILBOX 2 EA \$272.5 7 REMOVE AND REPLACE STOP SIGN 2 EA \$196.2 8 REMOVE AND RELOCATE SIGN 1 EA \$218.0 9 REMOVE CULVERT PIPE OVER 18" TO 24" 88 LF \$11.1 10. REMOVE FLARED END SECTION (24" TO 36") 1 EA \$163.5 11 REMOVE PAVEMENT 403 SY \$9.7 12 REMOVE SIDEWALK 21 SF \$4.5 13 SAW CUT - FULL DEPTH 45 LF \$11.7 14 REMOVE END OF STREET BARRICADE 1 EA \$218.0 15 REMOVE CONCRETE HEADER 75 LF \$5.2 16 EARTHWORK (EXCAVATION) 11,758 CY \$6.1 17 EARTHWORK (UNSUITABLE EXCAVATION) 6 HR \$163.5 19 9" CONCRETE PAVEMENT - TYPE L65 977 SY \$39.4	9 \$1,026.78 0 \$545.00 0 \$392.40 0 \$218.00 5 \$981.20 0 \$163.50 3 \$3,921.19 8 \$96.18 0 \$526.50 0 \$218.00 0 \$390.00 3 \$72,076.54 1 \$4,561.65 0 \$981.00 3 \$38,523.11
6 REMOVE AND REPLACE MAILBOX 2 EA \$272.5 7 REMOVE AND REPLACE STOP SIGN 2 EA \$196.2 8 REMOVE AND RELOCATE SIGN 1 EA \$218.0 9 REMOVE CULVERT PIPE OVER 18" TO 24" 88 LF \$11.1 10 REMOVE FLARED END SECTION (24" TO 36") 1 EA \$163.5 11 REMOVE PAVEMENT 403 SY \$9.7 12 REMOVE SIDEWALK 21 SF \$4.5 13 SAW CUT - FULL DEPTH 45 LF \$11.7 14 REMOVE END OF STREET BARRICADE 1 EA \$218.0 15 REMOVE CONCRETE HEADER 75 LF \$5.2 16 EARTHWORK (EXCAVATION) 11,758 CY \$6.1 17 EARTHWORK (UNSUITABLE EXCAVATION) 6 HR \$163.5 18 EXPLORATORY EXCAVATION 6 HR \$163.5 20 7" CONCRETE PAVEMENT - TYPE L65 8 5 \$28.4	0 \$392.40 0 \$218.00 5 \$981.20 0 \$163.50 3 \$3,921.19 8 \$96.18 0 \$526.50 0 \$218.00 0 \$390.00 3 \$72,076.54 1 \$4,561.65 0 \$981.00 3 \$38,523 11
8 REMOVE AND RELOCATE SIGN 1 EA \$218.0 9 REMOVE CULVERT PIPE OVER 18" TO 24" 88 LF \$11.1 10 REMOVE FLARED END SECTION (24" TO 36") 1 EA \$163.5 11 REMOVE PAVEMENT 403 SY \$9.7 12 REMOVE SIDEWALK 21 SF \$4.5 13 SAW GUT - FULL DEPTH 45 LF \$11.7 14 REMOVE END OF STREET BARRICADE 1 EA \$218.0 15 REMOVE CONCRETE HEADER 75 LF \$5.2 16 EARTHWORK (EXCAVATION) 11,758 CY \$6.1 17 EARTHWORK (UNSUITABLE EXCAVATION) 465 CY \$9.8 18 EXPLORATORY EXCAVATION 6 HR \$163.5 19 "CONCRETE PAVEMENT - TYPE L65 977 SY \$39.4 20 -7" CONCRETE PAVEMENT - TYPE L65 8.165 SY \$28.4 21 -7" CONCRETE DRIVEWAY - TYPE L65 8.165 SY \$29.4 22 CONSTRUCT CONCRETE SIDEWALK 12.972 SF <td< td=""><td>0 \$218.00 5 \$981.20 0 \$163.50 3 \$3,921.19 8 \$96.18 0 \$526.50 0 \$218.00 0 \$390.00 3 \$72,076.54 1 \$4,561.65 0 \$981.00 3 \$38,523.11</td></td<>	0 \$218.00 5 \$981.20 0 \$163.50 3 \$3,921.19 8 \$96.18 0 \$526.50 0 \$218.00 0 \$390.00 3 \$72,076.54 1 \$4,561.65 0 \$981.00 3 \$38,523.11
9 REMOVE CULVERT PIPE OVER 18" TO 24" 10. REMOVE FLARED END SECTION (24" TO 36") 11. REMOVE PAVEMENT 12. REMOVE SIDEWALK 13. SAW CUT - FULL DEPTH 14. REMOVE END OF STREET BARRICADE 15. REMOVE END OF STREET BARRICADE 16. EARTHWORK (EXCAVATION) 17. EARTHWORK (UNSUITABLE EXCAVATION) 18. EXPLORATORY EXCAVATION 19. 9" CONCRETE PAVEMENT - TYPE L65 19. 9" CONCRETE PAVEMENT - TYPE L65 20. 7" CONCRETE PAVEMENT - TYPE L65 21. 7" CONCRETE PRIVEWAY - TYPE L65 22. CONSTRUCT 5" CONCRETE SIDEWALK 23. CONSTRUCT 5" CONCRETE CURB RAMP 24. MEDIAN SURFACING 25. SE2.0	5 \$981.20 0 \$163.50 3 \$3,921.19 8 \$96.18 0 \$526.50 0 \$218.00 0 \$390.00 3 \$72,076.54 1 \$4,561.65 0 \$981.00 3 \$38,523 11
10. REMOVE FLARED END SECTION (24" TO 36") 11. REMOVE PAVEMENT 12. REMOVE SIDEWALK 13. SAW CUT - FULL DEPTH 14. REMOVE END OF STREET BARRICADE 15. REMOVE CONCRETE HEADER 15. REMOVE CONCRETE HEADER 16. EARTHWORK (EXCAVATION) 11.758 CY 16. EARTHWORK (UNSUITABLE EXCAVATION) 17. EARTHWORK (UNSUITABLE EXCAVATION) 18. EXPLORATORY EXCAVATION 19. 9" CONCRETE PAVEMENT - TYPE L65 19. 9" CONCRETE PAVEMENT - TYPE L65 20. 7" CONCRETE DRIVEWAY - TYPE L65 21. 7" CONCRETE DRIVEWAY - TYPE L65 22. CONSTRUCT 5" CONCRETE SIDEWALK 23. CONSTRUCT 5" CONCRETE CURB RAMP 24. MEDIAN SURFACING 25. \$22.0	0 \$163.50 3 \$3,921.19 8 \$96.18 0 \$526.50 0 \$218.00 0 \$390.00 3 \$72,076.54 1 \$4,561.65 0 \$981.00 3 \$38,523.11
11 REMOVE PAVEMENT 403 SY \$9.7 12 REMOVE SIDEWALK 21 SF \$4.5 13 SAW CUT - FULL DEPTH 45 LF \$11.7 14 REMOVE END OF STREET BARRICADE 1 EA \$218.0 15 REMOVE CONCRETE HEADER 75 LF \$5.2 16 EARTHWORK (EXCAVATION) 11,758 CY \$6.1 17 EARTHWORK (UNSUITABLE EXCAVATION) 465 CY \$9.8 18 EXPLORATORY EXCAVATION 6 HR \$163.5 19 9" CONCRETE PAVEMENT - TYPE L65 977 SY \$39.4 20 7" CONCRETE PAVEMENT - TYPE L65 8,165 SY \$28.4 21 7" CONCRETE DRIVEWAY - TYPE L65 8,165 SY \$28.4 21 7" CONCRETE DRIVEWAY - TYPE L65 465 SY \$29.4 22 CONSTRUCT 5" CONCRETE SIDEWALK 12,972 SF \$3.3 23 CONSTRUCT CONCRETE CURB RAMP 495 SF \$22.0 24 MEDIAN SURFACING 0 SF \$29.9 <	3 \$3,921.19 8 \$96.18 0 \$526.50 0 \$218.00 0 \$390.00 3 \$72,076.54 1 \$4,561.65 0 \$981.00 3 \$38,523.11
12 . REMOVE SIDEWALK 21 SF \$4.5 13 . SAW CUT - FULL DEPTH 45 LF \$11.7 14 . REMOVE END OF STREET BARRICADE 1 EA \$218.0 15 . REMOVE CONCRETE HEADER 75 LF \$5.2 16 . EARTHWORK (EXCAVATION) 11,758 CY \$6.1 17 EARTHWORK (UNSUITABLE EXCAVATION) 465 CY \$9.8 18 . EXPLORATORY EXCAVATION 6 HR \$163.5 19 9" CONCRETE PAVEMENT - TYPE L65 977 SY \$39.4 20 . 7" CONCRETE PAVEMENT - TYPE L65 8,165 SY \$28.4 21 7" CONCRETE DRIVEWAY - TYPE L65 8,165 SY \$28.4 22 . CONSTRUCT 5" CONCRETE SIDEWALK 12,972 SF \$3.3 23 . CONSTRUCT CONCRETE CURB RAMP 495 SF \$22.0 24 . MEDIAN SURFACING 0 SF \$29.9	0 \$526.50 0 \$218.00 0 \$390.00 3 \$72,076.54 1 \$4,561.65 0 \$981.00 3 \$38,523 11
1 REMOVE END OF STREET BARRICADE 15 REMOVE CONCRETE HEADER 15 REMOVE CONCRETE HEADER 16 EARTHWORK (EXCAVATION) 11,758 CY 16 EARTHWORK (UNSUITABLE EXCAVATION) 17 EARTHWORK (UNSUITABLE EXCAVATION) 18 EXPLORATORY EXCAVATION 19 9" CONCRETE PAVEMENT - TYPE L65 19 9" CONCRETE PAVEMENT - TYPE L65 20 7" CONCRETE PAVEMENT - TYPE L65 21 7" CONCRETE DRIVEWAY - TYPE L65 22 CONSTRUCT 5" CONCRETE SIDEWALK 23 CONSTRUCT 5" CONCRETE SIDEWALK 24 MEDIAN SURFACING 25 \$22.0	0 \$218.00 0 \$390.00 3 \$72,076.54 1 \$4,561.65 0 \$981.00 3 \$38,523 11
15	0 \$390.00 3 \$72,076.54 1 \$4,561.65 0 \$981.00 3 \$38,523 11
16. EARTHWORK (EXCAVATION) 11,758 CY \$6.1 17 EARTHWORK (UNSUITABLE EXCAVATION) 465 CY \$9.8 18. EXPLORATORY EXCAVATION 6 HR \$163.5 19 9" CONCRETE PAVEMENT - TYPE L65 977 SY \$39.4 20. 7" CONCRETE PAVEMENT - TYPE L65 8,165 SY \$28.4 21 7" CONCRETE DRIVEWAY - TYPE L65 465 SY \$29.4 22. CONSTRUCT 5" CONCRETE SIDEWALK 12,972 SF \$3.3 23. CONSTRUCT CONCRETE CURB RAMP 495 SF \$22.0 24. MEDIAN SURFACING	3 \$72,076.54 1 \$4,561.65 0 \$981.00 3 \$38,523 11
17 EARTHWORK (UNSUITABLE EXCAVATION) 465 CY \$9.8 18 EXPLORATORY EXCAVATION 6 HR \$163.5 19 9" CONCRETE PAVEMENT - TYPE L65 977 SY \$39.4 20 7" CONCRETE PAVEMENT - TYPE L65 8,165 SY \$28.4 21 7" CONCRETE DRIVEWAY - TYPE L65 465 SY \$29.4 22 CONSTRUCT 5" CONCRETE SIDEWALK 12,972 SF \$3.3 23 CONSTRUCT CONCRETE CURB RAMP 495 SF \$22.0 24 MEDIAN SURFACING 0 SF \$22.0	1 \$4,561.65 0 \$981.00 3 \$38,523 11
18. EXPLORATORY EXCAVATION 6 HR \$163.5 19. 9" CONCRETE PAVEMENT - TYPE L65 977 SY \$39.4 20. 7" CONCRETE PAVEMENT - TYPE L65 8.165 SY \$28.4 21. 7" CONCRETE DRIVEWAY - TYPE L65 465 SY \$29.4 22. CONSTRUCT 5" CONCRETE SIDEWALK 12,972 SF \$3.3 23. CONSTRUCT CONCRETE CURB RAMP 495 SF \$22.0 24. MEDIAN SURFACING 0 SF \$29.4	3 \$38,523 11
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22 . CONSTRUCT 5" CONCRETE SIDEWALK . 12,972 SF \$3.3 23 . CONSTRUCT CONCRETE CURB RAMP 495 SF \$22.0 24 . MEDIAN SURFACING 0 SF \$29.9	
23 CONSTRUCT CONCRETE CURB RAMP 495 SF \$22.0 24 MEDIAN SURFACING 0 SF \$29.9	
24 . MEDIAN SURFACING 0 SF \$29.9	
4 [4 0400	
26 CRUSHED ROCK FOR SURFACING 899 TON \$27.3	
27 CONCRETE HEADER 112 LF \$10.4 28 CONSTRUCT END OF STREET BARRICADE 1 EA \$893.8	
20. CONDITION END OF STREET STREET	
29 CONSTRUCT THICKENED EDGE PAVEMENT 273 LF \$10.4 30 CONSTRUCT 4-STRAND BARBED WIRE FENCE 201 LF \$119	
31 CONSTRUCT 3' WOVEN WIRE FENCE 0 LF \$65	4 \$0.00
32 . PCC-LINED FLUME 10 LF \$130.0	
33 CONSTRUCT 18" R.C.P., CLASS III 1,018 LF \$33.2 34 CONSTRUCT 24" P.C.P. CLASS III 48 LF \$47.0	
54. CONSTRUCT 24 IV 01., GENERAL III	
35 CONSTRUCT 48" R.C.P., D(0.01) = 1,350	
37. CONSTRUCT CURB INLET - TYPE III 4 EA \$2,786.4	
38. CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 1 EA \$4,111 4	
39 CONSTRUCT 54" I.D. FLATTOP MANHOLE OVER 24" PIPE 7 VF \$453.4	
40 . CONSTRUCT 72" I.D. FLATTOP MANHOLE OVER 36" PIPE 20 VF \$644.1 41 . CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 0 EA \$4,109.3	
41 CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE 0 EA \$4,109.3 42 ADJUST MANHOLE TO GRADE 4 EA \$162.5	
42 ALSSS INTOCE TO STATE 43 . EXTERNAL FRAME SEAL 2 EA \$370.5	
44. CONSTRUCT 18" PIPE BEDDING 1,018 LF \$4.4	
45 . CONSTRUCT 24" PIPE BEDDING 48 LF \$5.4	
46 CONSTRUCT 48" PIPE BEDDING 45 LF \$8.7 47 STABILIZE TRENCH WITH CRUSHED LIMESTONE 0 TN \$19.6	
47. STABILIZE TICKS TO THE STATE OF THE STAT	
48 CONSTRUCT ROCK RIP-RAP - TYPE "A" 57 TON 533.4 49 SEEDING - TYPE "B" 3 AC \$1,297.1	
50. CONSTRUCT SILT FENCE 608 LF \$2.2	23 \$1,355.84
51. ROLLED EROSION CONTROL, TYPE II 14,137 SY \$1.3	
52 . EROSION CHECKS, WATTLE 0 LF \$2.5	
55. PERMINISTRATION OF THE STATE OF THE STAT	
54. 5" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID 50.55 55. 5" PREFORMED PAVEMENT MARKING TAPE, GROOVED - YELLOW SOLID 5,370 LF \$3.45	
56. 12" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID 27 LF \$16.3	35 \$441.45
57. 24" PREFORMED PAVEMENT MARKING TAPE, GROOVED - WHITE SOLID 64 LF \$21.6	
58. 12" PAINTED PAVEMENT MARKING - WHITE SOLID 24 LF \$7.6	
59 . 24" PAINTED PAVEMENT MARKING - WHITE SOLID 80 LF \$7.0	9 \$567.20
PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL, GROOVED - WHITE 60 . DIRECTIONAL ARROW 1 EA \$256."	15 \$256 15
60 . DIRECTIONAL ARROW I EA \$250. PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL, GROOVED - WHITE	
61. "ONLY" 1 EA \$272.5	
62. PAINT MEDIAN NOSE 1 EA \$54.5	
63 . INSTALL STOP SIGN 2 EA \$223.4	
000 PDAY \$3.6	
65 . BARRICADE - TYPE III 900 BDAY \$3.0	



66 . 67 .	WARNING SIGNS	600			
67 .		600	SDAY	\$1.09	\$654 00
	CONSTRUCT AND REMOVE TEMPORARY ROCK ACCESS ROAD	1,000	SY	\$7.36	\$7,360,00
	ADD PER CHANGE ORDER NO. 2				
68	REMOBILIZATION	1	LS	\$17,500.00	\$17,500.00
	ADD PER CHANGE ORDER NO. 4				
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 INCRÉASE	1	LS	\$8,865.15	\$8,865.15
	ADD PER CHANGE ORDER NO. 5				
74	HAUL OFF	2,243	CY	\$10.29	\$23,080.47
	ADD PER CHANGE ORDER NO. 6				
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
Administratio	n 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)

24.4.10.1 (...

45% \$325,186.64

Total Estimated Costs:

Total Estimated Soft Costs:

\$1,047,329 09

Estimated 1/3 Sarpy County Contribution
1/3 Estimated Construction Costs (Less Sidewalk Costs)
1/3 Estimated Design & CA
\$67,466.79

Total Estimated Sarpy County Reimbursable
\$289,920.97

Estimated 1/3 Contribution North Shore SID General Obligation

\$378,704 06

Estimated 1/3 Future Contribution SID North of Cornhusker
Future SID Contribution 48%
North Shore Phase 3 Contribution 52%

\$182,069.26 \$196,634.80

SID 292 Total Contribution

\$575,338 86



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	O	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
		Ē	stimate	d Soft Costs	
		E	Engineeri	ng, Construction	
				ation and Testing:	\$0.00 \$0.00
		5 00% L 5.00% F			\$0.00
			nterest:		\$0.00
		12 🛭	Ouration (Months)	
		Total Estimated Soft Costs:		0%	\$0.00
		Total Estimated Costs:			\$0.00



SIDEWALKS G.O.



North Shore

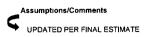
Assumptions/Comments:

Sidewalk adjacent to OUTLOT A

	Bid Item Description	Approximate Quantity	Unit	Unit Price		Total
1 . 2	4" CONCRETE SIDEWALK SUB-GRADE PREPARATION CONTINGENCY	0 0 15%	SF SY	\$4.00 \$2.00 \$0.00		\$0.00 \$0.00 \$0.00
		Estimated Construction Costs:				\$0 00
			Estimate	ed Soft Costs		
		21 00% 5.00% 5 00% 7.00%		ing, Construction ration and Testing: (Months)		\$0.00 \$0.00 \$0.00 \$0.00
		Total Estimated Soft Costs:			0%	\$0.00
		Total Estimated Costs:				\$0.00

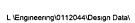


WATER INTERIOR



	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
	Did Rent Description		01111	Other files	1714
1.	REMOVE 12" PLUG	1	EA	\$1,261.00	\$1,261 00
	REMOVE END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND				
2	BACKING BLOCK	_	EA	\$1,646 00	\$3,292 00
3.	CONSTRUCT 6" WATER MAIN	805		\$24.00	\$19,320 00
4	CONSTRUCT 8" WATER MAIN	2,576		\$28 40	\$73,158 40
5	CONSTRUCT 12" WATER MAIN	3,293	_	\$42 20	\$138,964 60
6	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY	12	EA	\$3,908 00	\$46,896 00
7.	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	\$2,146.00	\$34,336 00
11	CONSTRUCT 8"x8"x6" 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"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK		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		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		EA	\$423 00	\$1,692 00
25	CONSTRUCT CHLORINE TUBE		EA	\$1,543 00	\$4,629 00
26 .	CONSTRUCT SAMPLE TAP		EA	\$281 00	\$843 00
27	SEEDING - TYPE "TEMPORARY SEED MIX"		AC	\$401 00	\$0.00
28	STRAW MULCH	0	AC	\$576 00	\$0.00
	ADD PER CHANGE ORDER NO. 1				
29 .	CUT IN 12" GATE VALVE OVER EXISITING WATER LINE	1	LS	\$1,700 60	\$1,700.60

	1 LS	\$1,700 60	\$1,700.60
Construction (Costs:		\$354,651.60
	Soft Costs		
	Engineering, Cons	struction	¢72 212 20
	Administration:		\$73,312 20 \$3,656.17
	Legal:		\$17,732 58
	Fiscal:		\$22,467 63
	Interest:	_	\$34,963 44
Total Soft Cos	ts:	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)

	Bid Item Description	Approximate Quantity Unit	Unit Price		Tota
1. 2.	CAPITAL FACILITIES CHARGES - RESIDENTIAL CAPITAL FACILITIES CHARGES - OUTLOTS	0 LOTS 0.00 AC	\$1,500.00 \$4,200 00		\$0 00 \$0 00
		Estimated Construction Cost	ts:		\$0.00
		Estimated S	oft Costs		
		2 00% Legal. 5 00% Fiscal. 7 00% Interest:			\$0.00 \$0.00 \$0.00
		9 Duration (Mo	nths)		
		Total Estimated Soft Costs:		°%	\$0.00

0112044 22-030 North Shore

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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 frem Description	Approximat e Quantity Unit	Unit Price	Total
-	REMOVE 12" PLUG	1 EA	\$400 00	\$400 00
	REMOVE END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND			
7	BACKING BLOCK	2 EA	\$1,646 00	\$3,292 00
م	CONSTRUCT 6" WATER MAIN	0 F	\$24 00	\$0.00
4	CONSTRUCT 8" WATER MAIN	9년	\$28 40	\$0.00
2	CONSTRUCT 12" WATER MAIN	3,293 LF	\$13 80	\$45,443 40
9	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	0 EA	\$3,908 00	\$0 00
	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY			
7	AND BACKING BLOCK	0 EA	\$3,858.00	\$0 00
00	CONSTRUCT 6" M J GATE VALVE AND BOX	0 EA	\$901.00	\$0 00
o	CONSTRUCT 8" M J GATE VALVE AND BOX	o EA	\$1,181.00	\$0.00
10	CONSTRUCT 12" M J GATE VALVE AND BOX	16 EA	\$965 00	\$15,440 00
=	CONSTRUCT 8"x8"x6" M J TEE ASSEMBLY AND BACKING BLOCK	S EA	\$319 00	\$0 00
12	CONSTRUCT 8"x8"x8" M J TEE ASSEMBLY AND BACKING BLOCK	0 EA	\$350 00	\$0 00
5	CONSTRUCT 12"x12"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK	<u>-</u>	\$106 00	\$106 00
4	CONSTRUCT 12"x12"x8" M.J TEE ASSEMBLY AND BACKING BLOCK	2 EA	\$115 00	\$230 00
5	CONSTRUCT 12"x12"x12" M.J. TEE ASSEMBLY AND BACKING BLOCK	2 EA	\$164 00	\$328 00
16	CONSTRUCT 12"x8" CROSS	1 E	\$28 00	\$28.00
17	CONSTRUCT 12"x8" REDUCER	1 EA	\$52 00	\$52 00
81	CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2 EA	\$172 00	\$344 00
91	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	1 EA	\$127 00	\$127.00
8	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
53	CONSTRUCT 6" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	ង	\$252 00	\$0.00
23	CONSTRUCT 8" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	0 EA	\$296 00	00 0\$
24	CONSTRUCT 12" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	4 EA	\$127.00	\$508 00
52	CONSTRUCT CHLORINE TUBE	o EA	\$1,543.00	\$0 00
56	CONSTRUCT SAMPLE TAP	o EA	\$28100	\$0.00
27	SEEDING - TYPE "TEMPORARY SEED MIX"	o AC	\$401 00	00 0 \$
28	STRAW MULCH	0 AC	\$576 00	\$0 00

\$66,298 40		000	\$683.48	\$3,314.92	\$4,200.09	\$6,536.05	\$25,046 74	\$91,345 14
Construction Costs:	Soft Costs	Engineering,	Construction Review Fee:	Legal:	Fiscal:	Interest:	Total Soft Costs:	Total Costs:

Page 17 of 21 6/12/2017 117 PM



ESTIMATE 0112044 Phase 2 xlsx

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0112044 22-030



ESTIMATE 0112044 Phase 2 xlsx

CAPITAL FACILITIES CHARGES

North Shore



	Bid Item Description	Approximat e Quantity Unit Unit Price	Unit Price
- 2	CAPITAL FACILITIES CHARGES - RESIDENTIAL	0 LOTS	\$1,500 00
	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:

Page 18 of 21



POWER



		Bid Item Description	Approximate Quantity		Unit	Unit Price		Total
1 . 2 .	SINGLE FAMILY LOT CONDUIT BORING			112 1	EA LS	\$880.00 \$3,000.00		\$98,560.00 \$3,000 00
	***		Actual Construction Costs:					\$101,560.00
				ż	Soft Cost	<u>s</u>		
				† 1		ng Design and ion Administration:	=	\$18,000.00 \$2,031.20 \$6,079.56 \$12,872.64
			Total Soft Costs:				38%_	\$38,983.40
			Total Costs:				Г	\$140,543.40



SIGNAGE



	Bid Item Description	Approximate Quantity	Unit	Unit Price	To
Temporary Signa Permanent Signa		1	LS LS	\$4,654.25 \$22,499 99	\$4,654 \$22,499
	g-				
		Estimated Construction Costs:			\$27,154
		1	<u>Estimated</u>	Soft Costs	
			Engineering	, Construction	
				ion and Testing:	\$0
		0 00%			\$0
		0.00%			\$0
			Interest: Duration (M	onths)	\$0
		Total Estimated Soft Costs:			0%\$0
		Total Estimated Costs:			\$27,154

North Shore

SIGNAGE (General Fund)

Assumptions/Comments:



		Bid Item Description	Approximate Quantity	Unit	Unit Price	To
1.	Temporary Signage		1	LS	\$4,654.25	\$4,654
2	Permanent Signage		1	LS	\$22,499.99	\$22,499
			Estimated Construction Costs:			\$27,154
				Estimated	Soft Costs	
				Engineering	, Construction	
					on and Testing:	\$0
				Legal:		\$0
				Fiscal: Interest:		\$0 \$0
				Duration (M	onths)	
			Total Estimated Soft Costs:			0%\$0
			Total Estimated Costs:			\$27,154



S.I.D. Cost Estimate

North Shore 3 - Final Plat 0112044.03-003 SID 292 6/13/2017

6/16/2017 12 09 PM Page 1 of 28 ESTIMATE 0112044 Phase 3.xlsx

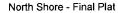


North Shore, Sarpy County SID 292

ORDER OF MAGNITUDE COST ESTIMATE

			Prelimi	nary Pla	t - Phas	e 3			
Proposed Improvement	Quantity	Unit	Construction Cost	Total Cost	General Obligation	Special	Adjacent SID Reimbursable	Papilliion Reimbursable	Sarpy County Reimbursable
SANITARY SEWER									
Interior	3840	LF	\$313,600 00	\$443,900 00	\$66,900 00	\$377,000 00	\$0.00	\$0.00	\$0.00
Connection Fees	61	Lots	\$0.00	\$0.00	\$0 00	\$0.00	\$0.00	\$0.00	\$0.00
ROLL INVESTMENT EASMENT	1	LS	\$4,200 00	\$4,800 00	\$4,800.00	\$0 00	\$0.00	\$0.00	\$0.00
PINK FAMILY INVESTMENT EASEMENT	1	LS	\$21,300 00	\$24,400.00	\$24,400 00	\$0.00	\$0.00	\$0.00	\$0.00
STORM SEWER	2203	LF	\$183,900.00	\$260,400 00	\$260,400 00	\$0 00	\$0.00	\$0.00	\$0.00
PAVING									
Minor	11400	SY	\$630,700 00	\$878,300 00	\$346,000 00	\$532,300 00	\$0.00	\$0.00	\$0.00
SIDEWALKS	0	SF	\$14,600 00	\$20,700 00	\$20,700 00	\$0.00	\$0.00	\$0.00	\$0.00
PARKS									
Landscaping	1	LS	\$20,000 00	\$28,300 00	\$28,300 00	\$0.00	\$0.00	\$0.00	\$0,00
Improvements	1	LS	\$125,000 00	\$176,600 00	\$176,600 00	\$0 00	\$0.00	\$0.00	\$0.00
Acquisition	2.93	AC	\$68,900 00	\$77,800 00	\$77,821 30	\$0 00		,	*
WATER									
Interior	4270	LF	\$224,300.00	\$312,300 00	\$29,600 00	\$282,700 00	\$0.00	\$0.00	\$0.00
Capital Facilities Charges	61	LOTS	\$111,100 00	\$132,000 00	\$66,000 00	\$66,000.00	\$0,00	\$0.00	\$0 00
City Infrastructure Contrib	0	LS	\$0 00	\$0.00	\$0.00	\$0 00	e constitute accommendation and the constitute accommendation acco		***************************************
POWER									
Service	61	LOTS	\$82,400 00	\$114,700 00	\$0 00	\$114,700.00	\$0.00	\$0.00	\$0 00
Decorative Street Lights	0	EA	\$0 00	\$0.00	\$0 00	\$0.00			
SIGNAGE	20	SIGNS	\$5,500 00	\$7,800 00	\$7,800,00	\$0 00	\$ò 00	\$0.00	\$0,00
CIVIL DEFENSE SIREN	0	LS	\$0 00	\$0.00	\$0 00	\$0 00	\$0.00	\$0.00	\$0.00
PLAN REVIEW FEE	1	%	\$15,200 00	\$17,100.00	\$5,600 00	\$11,500 00	\$0.00	\$0.00	\$0 00
	То	tal [\$1,820,700 00	\$2,499,100 00	\$1,114,921 30	\$1,384,200.00	\$0.00	\$0 00	\$0 00
Residential Valuation Total Valuation Total Valuation	61 100% 95%	Lots	\$22,326,000 00 \$22,326,000 00 \$21,209,700 00	Debt R	atio (95% Valuation)	5 26%			

ESTIMATE 0112044 Phase 3 xlsx





DEBT RATIO

ASSUMPTIONS

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

Residential Lot

Units = \$50,000.00 = \$3,050,000.00

Residential Improvements

\$316,000.00 = \$19,276,000.00 61 Units =

61

Total 100% Valuation = \$22,326,000.00

Total 95% Valuation = \$21,209,700.00

> DEBT RATIO = 5.26%



SANITARY SEWER - INTERIOR



Assumptions/Comments:

12/07/16 - updated some unit costs based on more recent estimates. KS 3/16/2017 - updated unit costs based on bids. MT Updated quantities based on construction estimate 6/8/17

	Bid Item Description	Approximate Quantity Unit	Unit Price	Tota			
1.	CLEARING AND GRUBBING GENERAL	1 LS	\$1,250.00	\$1,250.00			
2.	CONSTRUCT 6" SANITARY SEWER PIPE	2,061 LF	\$26.45	\$54,513.45			
3.	CONSTRUCT 8" SANITARY SEWER PIPE	3,840 LF	\$26 90	\$103,296 00			
4.	CONSTRUCT 6" PIPE BEDDING	2,061 LF	\$4.50	\$9,274.50			
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 VF	\$388 00	\$89,434 00			
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	\$1,140.0			
10 .	CONSTRUCT MANHOLE RING COLLAR	4 EA	\$325.00	\$1,300.00			
11	CONSTRUCT EXTERNAL FRAME SEAL	4 EA	\$325.00	\$1,300.00			
12 .	EXCAVATION FOR EXTRA DEEP SANITARY SEWER	300 VF-LF	\$4.50	\$1,350.00			
13	CONSTRUCT MANHOLE DROP CONNECTION	30 VF	\$265.00	\$7,950.0			
14 .	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	0 TN	\$26.00	\$0.00			
15 .	CONSTRUCT SILT FENCE	0 LF	\$3.50	\$0.00			
16 .	CLEANOUT SILT FENCE	0 LF	\$0 75	\$0.0			
17 .	CLEANOUT SILT BASIN	0 CY	\$4 00	\$0.0			
18 .	SEEDING - TYPE "TEMPORARY SEED MIX"	1 AC	\$750 00	\$750.0			
19.	HAY OR STRAW MULCH	1 AC	\$650.00	\$650.0			
	CONTINGENCY	5%	\$298,667.95	\$14,933.4			
		Estimated Construction Costs		\$313,601.3			
	Estimated Soft Costs						

Engineering Design, Construction	
Admin, Geotechnical & Testing	\$65,856.28
Legal:	\$15,680.07
Fiscal:	\$19,756.88
Interest:	\$29,042.62
Duration (Months)	

Total Estimated Soft Costs:

Total Estimated Costs:

\$443,937.20

\$130,335.86



SANITARY SEWER - OFFSITE EASEMENTS

Assumptions/Comments:

Easement through Pink property

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	ROLL INVESTMENT EASMENT	1	LS	\$4,218 00	\$4,218.00
		Estimated Construct	tion Costs:		\$4,218.00
			Estimated S	Soft Costs	
		2.00% 5.00% 7.00%	Engineering: Legal: Fiscal: Interest: Duration (Mo		\$84.36 \$84.36 \$219.34 \$322.42
		Total Estimated Soft	Costs:		\$626.12
		Total Estimated Cos	ts:	ı	\$4,844.12

SANITARY SEWER - OFFSITE EASEMENTS

Assumptions/Comments:

Easement through Pink property

	Bid Item Description	Approximate Quantity Unit	Unit Price	Tota
1.	PINK FAMILY INVESTMENT EASEMENT	1 LS	\$21,280.50	\$21,280.50
		Estimated Construction Co	sts:	\$21,280.50
		<u>Estima</u>	ted Soft Costs	
		2.00% Engine 2.00% Legal: 5.00% Fiscal: 7.00% Interest	:	\$425.6 \$425.6 \$1,106.5 \$1,626.6
		12 Duratio Total Estimated Soft Costs	, ,	\$3,158.8
		Total Estimated Costs:		\$24,439.3



\$66,876.58

SANITARY SEWER - INTERIOR G.O.

Assumptions/Comments:



Erosion control items are GO, 485 LF of outfall sewer and connecting to manholes are GO 3/16/2017Updated unit prices based on bids. MT

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
<u> </u>					
1.	CLEARING AND GRUBBING GENERAL	1!		\$1,250.00	\$1,250.00
2.	CONSTRUCT 6" SANITARY SEWER PIPE	01		\$26.45	\$0.00
3.	CONSTRUCT 8" SANITARY SEWER PIPE	742 I		\$26 90 \$4,50	\$19,959.80 \$0.00
4	CONSTRUCT 6" PIPE BEDDING			\$4.50 \$5.00	\$3,710.00
5.	CONSTRUCT 8" PIPE BEDDING	742 (14)		· ·	
6.	CONSTRUCT 54" I.D. SANITARY MANHOLE (2 EA)	14	VF	\$388.00	\$5,432.00
	TAP 8" SANITARY SEWER PIPE INTO EXISTING 54" I.D. SANITARY			2050.00	#4 000 00
7.	MANHOLE		EA	\$950.00	\$1,900.00 \$0.00
8.	CONSTRUCT 6" x 8" WYE		EA	\$98.00	• • • •
9.	CONSTRUCT 6" MANHOLE STUBOUT		EA	\$76 00	\$0.00
10.	CONSTRUCT MANHOLE RING COLLAR		EA	\$325.00	\$650.00
11.	CONSTRUCT EXTERNAL FRAME SEAL		EA	\$325.00	\$650.00
12 .	EXCAVATION FOR EXTRA DEEP SANITARY SEWER		VF-LF	\$4.50	\$1,350 00
13 0	CONSTRUCT MANHOLE DROP CONNECTION	30 '		\$265.00	\$7,950.00
14 .	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	100		\$26.00	\$2,600.00
15	CONSTRUCT SILT FENCE	0		\$3.50	\$0.00
16	CLEANOUT SILT FENCE	0		\$0.75	\$0.00
17 .	CLEANOUT SILT BASIN		CY	\$4.00	\$0.00
18 .	SEEDING - TYPE "TEMPORARY SEED MIX"		AC	\$750.00	\$750.00
19 .	HAY OR STRAW MULCH	1 .	AC	\$650.00	\$650.00
	CONTINGENCY	5%		\$46,851 80	\$2,342 59
		Estimated Construct	ion Costs:		\$46,851.80
			Estimated :	Soft Costs	
				Design, Construction technical & Testing	\$9,838.88 \$2,834.53 \$2,976.26 \$4,375.10
		Total Estimated Soft	Costs:		\$20,024 78

Total Estimated Costs:



Assumptions/Comments: Easement through SANITARY SEWER - OFFSITE EASEMENTS G.O.

Easement through Pink property

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	ROLL INVESTMENT EASMENT	1	LS	\$4,218.00	\$4,218.00
		Estimated Construct	ion Costs:		\$4,218.00
			Estimated :	Soft Costs	
		2.00% 5.00% 7.00%	Engineering Legal: Fiscal: Interest: Duration (M		\$84.36 \$84.36 \$219.34 \$322.42
		Total Estimated Soft	Costs:		\$626.12
		Total Estimated Cost	ts:		\$4,844.12

SANITARY SEWER - OFFSITE EASEMENTS G.O.

Assumptions/Comments:
Easement through Pink property

	Bid Item Description	Approximate Quantity Unit	Unit Price	Total
1.	PINK FAMILY INVESTMENT EASEMENT	1 LS	\$21,280.50	\$21,280.50
		Estimated Construction Co	osts: ated Soft Costs	\$21,280.50
		2 00% Engine 2 00% Legal: 5 00% Fiscal: 7.00% Interes	eering:	\$425.61 \$425.61 \$1,106.59 \$1,626.68
		Total Estimated Soft Costs Total Estimated Costs:	: :	\$3,158 88 \$24,439.38



STORM SEWER

Assumptions/Comments:

North Shore - Final Plat



12/05/2016 - updated some unit costs based on Phase 2 costs. KS 3/16/2017 - updated unit costs based on bids MT

		Approximate		
	Bid Item Description	Quantity Unit	Unit Price	Tota
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	960 LF	\$35.60	\$34,176 00
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)	58 VF	\$389.00	\$22,562.00
9.	CONSTRUCT 72" I.D. FLATTOP MANHOLE (1 EA)	13 VF	\$685.00	\$8,905.00
10.	CONSTRUCT 18" PIPE BEDDING	960 LF	\$5.00	\$4,800 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	0 EA	\$350.00	\$0.00
14 .	CONSTRUCT 12' X 3' X 2' TYPE-B LOOSE RIP-RAP DROPS	150 TON	\$49 00	\$7,350 00
15	CONSTRUCT ROCK RIP-RAP - TYPE "B"	75 TON	\$64.00	\$4,800.00
16	TAP EXISTING CURB INLET	1 LS	\$650 00	\$650.00
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"	2 AC	\$750.00	\$1,500.00
22 .	HAY OR STRAW MULCH	2 AC	\$650.00	\$1,300.00
23 .	ROLLED EROSION CONTROL, TYPE II	1000 SY	\$3.35	\$3,350 00
	CONTINGENCY	5%	\$175,187.50	\$8,759.38
		Estimated Construction Co	acte:	\$183.946.

Estimated Soft Costs

	Engineering Design, Construction	
	Admin, Geotechnical & Testing	\$38,628.84
	Legal:	\$9,197.34
	Fiscal:	\$11,588.65
	Interest:	\$17,035 32
	Duration (Months)	
Total Estimated	Soft Costs:	\$76,450.16
Total Estimated	Costs:	\$260,397.04



STORM SEWER G.O.

Assumptions/Comments:



3/16/2017 - updated unit costs based on bids. MT

	Bid Item Description	Approximate Quantity Unit	Unit Price	Tota
	Did term besonption			
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	960 LF	\$35.60	\$34,176.0
4.	CONSTRUCT 24" R C.P., CLASS III	1220 LF	\$54.60	\$66,612.0
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)	58 VF	\$389.00	\$22,562.00
9.	CONSTRUCT 72" I.D. FLATTOP MANHOLE (1 EA)	13 VF	\$685.00	\$8,905.00
10.	CONSTRUCT 18" PIPE BEDDING	960 LF	\$5.00	\$4,800.00
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	0 EA	\$350 00	\$0.00
14 .	CONSTRUCT 12' X 3' X 2' TYPE-B LOOSE RIP-RAP DROPS	150 TON	\$49.00	\$7,350.00
15 .	CONSTRUCT ROCK RIP-RAP - TYPE "B"	75 TON	\$64.00	\$4,800.00
16 0	TAP EXISTING CURB INLET	1 LS	\$650.00	\$650.00
17 .	STABILIZE TRENCH W/ CRUSHED LIMESTONE	0 TN	\$18.00	\$0.00
	CONSTRUCT ROCK ACCESS ROAD	60 TN	\$22.00	\$1,320.0
18.	+	0 LF	\$3.50	\$0.00
19 .	CONSTRUCT SILT FENCE CLEANOUT SILT FENCE	0 LF	\$0.75	\$0.00
20 .		2 AC	\$750.00	\$1,500 00
21 .	SEEDING - TYPE "TEMPORARY SEED MIX"	2 AC	\$650.00	\$1,300.00
22 .	HAY OR STRAW MULCH ROLLED EROSION CONTROL, TYPE II	1000 SY	\$3,35	\$3,350.00
23 .	ROLLED EROSION CONTROL, TIPE II	1000 31	ψ3.55	Ψ3,330.00
	CONTINGENCY	5%	\$175,187.50	\$8,759.38
		Estimated Construction Costs	3:	\$183,946.88
		Estimated	Soft Costs	
		Engineerin	g Design, Construction	
			otechnical & Testing	\$38,628.8
		Legal:	Ottomical & Testing	\$9.197.3
		Legal. Fiscal:		\$11,588 6
		Interest:		\$17,035 3
		Duration (I	Months) =	ψ17,030 0.
		Total Estimated Soft Costs:	<u></u>	\$76,450.1
		Total Estimated Costs:		\$260,397,0



PAVING MINOR

Assumptions/Comments:

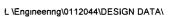


12/05/2016 - updated some unit costs based on Phase 2 costs. KS 12/21/2016 - Revised line items and costs - MT 2/21/2017 - Added storm sewer reimbursement numbers - MT

	Bid Item Description	Approximate Quantity		Unit Price	Tota
1.	7" CONCRETE PAVEMENT - TYPE L65	11,400	SY	\$36,39	\$414,846.00
2.	5" CONCRETE SIDEWALK	8,000		\$4.63	\$37,040.00
3	5" CONCRETE TRAIL 8' WIDE	10,105	SF	\$4.62	\$46,685.10
4.	COMMON EARTHWORK EXCAVATION	3.800	CY	\$3.34	\$12,692.00
5	COMMON EARTHWORK EXCAVATION (SIDEWALK AND TRAIL)	280	CY	\$15 21	\$4,258.80
6	SUBGRADE PREPARATION - (SIDEWALK AND TRAIL)	2,650	SY	\$2.05	\$5,432.50
7	CONSTRUCT RAMP CURB	352	SF	\$17 52	\$6,167.04
8	CONSTRUCT END OF STREET BARRICADE	2	EA	\$912.67	\$1,825,34
9.	ADJUST MANHOLE TO GRADE (13 SAN, 2 STM)	15	EA	\$217.57	\$3,263.55
10 .	EXTERNAL FRAME SEAL	15	EA	\$365.16	\$5,477.40
11.	CONSTRUCT CURB INLET	10	EA	\$3,007.27	\$30,072.70
12 .	SEEDING - TYPE "TEMPORARY SEED MIX"	2	AC	\$390.51	\$781.02
13 .	STRAW MULCH	2	AC	\$502.08	\$1,004.16
14 .	CONSTRUCT SILT FENCE	200	LF	\$3.91	\$782.00
15 .	CLEANOUT SILT BASIN	500	CY	\$6.69	\$3,345.00
16 .	CLEANOUT SILT FENCE	200	LF	\$2.51	\$502.00
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
	CONTINGENCY	5%		\$600,711.79	\$30,035.59
		Estimated Construc	ction Costs	:	\$630,747.38
Estimated Soft Costs					

Total Estimated Soft Costs: \$247,541.54

Total Estimated Costs: \$878,288.92





North Shore - Final Plat

Assumptions/Comments:

Total pavement in excess of 6" minus G.O. pavement

	Bid Item Description	Approximate Quantity Unit	Unit Price Total
1.	1" CONCRETE PAVEMENT	1,529 SY	\$36 39 \$55,640.31
	CONTINGENCY	15%	\$55,640 31 \$8,346.05
		Estimated Construction Costs:	\$63,986.36
		Estimated So	ft Costs
		Engineering De 21.00% Admin, Geotec 5.00% Legal: 5.00% Fiscal: 7 00% Interest: 9 Duration (Mont	\$3,199.32 \$4,031.14 \$4,444.33
		Total Estimated Soft Costs:	39% \$25,111.93
		Total Estimated Costs:	\$89,098.28
FORMULA	PAVEMENT MINOR QUANTITY - G.O. PAVEMENT QUANTITY Pavement SY X (1/7") = 1" Pavement SY	11,400 SY 697 SY 10,703 SY 1,529 SY	



Assumptions/Comments:



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

		Approximate			
	Bid Item Description	Quantity	Unit	Unit Price	Tota
1.	7" CONCRETE PAVEMENT - TYPE L65	697	SY	\$36.39	\$25,363.83
2.	5" CONCRETE SIDEWALK	8.000		\$4.63	\$37,040.00
3	5" CONCRETE TRAIL 8' WIDE	10,105		\$4.00	\$40,420.00
4.	COMMON EARTHWORK EXCAVATION	232		\$3.34	\$775.9
5	COMMON EARTHWORK EXCAVATION (SIDEWALK AND TRAIL)	280	CY	\$6 00	\$1,680 0
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	2 .	AC	\$502.08	\$1,004.16
14 .	CONSTRUCT SILT FENCE	200	LF	\$3.91	\$782.00
15 .	CLEANOUT SILT BASIN	500	CY	\$6 69	\$3,345.00
16 .	CLEANOUT SILT FENCE	200	LF	\$2.51	\$502.00
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
	CONTINGENCY	5%		\$154,550.14	\$7,727 51
		Estimated Construc	tion Costs	::	\$184,514 03
			Estimated	Soft Costs	
			Engineerin	g Design, Construction	
			•	otechnical & Testing	\$38,747.9
			Legal:		\$9,225.70
			Fiscal:		\$11,624,38



CORNHUSKER ROAD G.O.

_Assumptions/Comments:



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

			
Bid Item Description	Approximate Quantity Unit	Unit Price	Total
Bid item Description	Quantity Offic	Oill File	Total
	Estimated Construction Costs:		\$0.00
	Estimated S	Soft Costs	
	Engineering	Design, Construction	
	21.00% Admin, Geote		\$0.00
	5.00% Legal:		\$0.00
	5.00% Fiscal:		\$0.00
	7.00% Interest:		\$0 00
	9 Duration (Mo	nths)	
	Total Estimated Soft Costs:	0%	\$0.00
	Total Estimated Costs:		\$0 00



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)

Approximate Quantity Unit	Unit Price	Total	
1529 SY	\$36.39	\$55,640.31	
15%	\$55,640 31 	\$8,346.05	
Estimated Construction Costs:		\$63,986.36	
Estimated S	oft Costs		
Engineering Design Construction			
21.00% Admin, Geote		\$13,437.13	
		\$3,199 32 \$4,031.14	
		\$4,444 33	
	nths)	<u> </u>	
Total Estimated Soft Costs:	39%	\$25,111.93	
Total Estimated Costs:		\$89,098.28	
11,400 SY			
697 SY			
	Quantity Unit 1529 SY 15% Estimated Construction Costs: Estimated S Engineering 21.00% Admin, Geote 5.00% Legal: 5.00% Fiscal: 7.00% Interest: 9 Duration (Mo Total Estimated Soft Costs: Total Estimated Costs: 11,400 SY	Cauantity Unit Unit Price	

10,703 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 Price	Total
	Estimated Construc	ction Costs:		\$0.00
		Estimated So	ft Costs	
		Engineering D	esign, Construction	\$0.00
		Legal:		\$0 00
		Fiscal:		\$0.00
		Interest:		\$0.00
		Duration (Mon	ths)	
	Total Estimated So	ft Costs:		\$0.00
	Total Estimated Co	sts:		\$0.00



SIDEWALKS

Assumptions/Comments:

5 5

5 foot wide sidewalk along Outlot G, entrances to Outlot E, and along Outlot H where basin 2 is located, and Cornhusker. Added ramps and crosswalk striping Sidewalk and ramp moved to 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		1 LS	\$7,500.00	\$7,500.00
5	CONSTRUCT DETECTABLE WARNING PANEL		0 EA	\$100.00	\$0.00
6.	SEEDING - TYPE "NON -IRRIGATED LAWN AND TURF SEED"		2.0 AC	\$1,600.00	\$3,200.00
7.	SEEDING - TYPE "NATIVE GRASS MIXTURE"		0.5 AC	\$2,000.00	\$1,000.00
8.	HAY OR STRAW MULCH		2.5 AC	\$450.00	\$1,125.00
9	HANDICAP RAMP		0 EA	\$1,100.00	\$0.00
10	CROSSWALK STRIPING (2' WIDE)		60 LF	\$8 00	\$480.00
	CONTINGENCY		10%	\$13,305.00	\$1,330.50
		Estimated Cons	truction C	osts:	\$14,635.50
			<u>Estim</u>	ated Soft Costs	
			_	eering Design, Construction , Geotechnical & Testing	\$3,073.4 6
			Legal:		\$731.78
			Fiscal		\$922.04
			Intere		\$1,355.39
				on (Months)	
		Total Estimated	Soft Cost	s:	\$6,082.66
		Total Estimated	Costs:		\$20,718 16



\$20,718.16

SIDEWALKS G.O.

Assumptions/Comments:



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

		Approximate			
	Bid Item Description	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		1 LS	\$7,500.00	\$7,500.00
5.	CONSTRUCT DETECTABLE WARNING PANEL		0 EA	\$100.00	\$0.00
6.	SEEDING - TYPE "NON -IRRIGATED LAWN AND TURF SEED"		2 AC	\$1,600.00	\$3,200.00
7	SEEDING - TYPE "NATIVE GRASS MIXTURE"		1 AC	\$2,000.00	\$1,000 00
8.	HAY OR STRAW MULCH		3 AC	\$450.00	\$1,125.00
9	HANDICAP RAMP		0 EA	\$1,100.00	\$0.00
10	CROSSWALK STRIPING (2' WIDE)		60 LF	\$8 00	\$480.00
	CONTINGENCY		10 00%	\$13,305.00	\$1,330.50
		Estimated C	onstruction C	osts:	\$14,635 50
			<u>Estim</u>	ated Soft Costs	
				eering Design, Construction , Geotechnical & Testing	\$3,073.46 \$731.78 \$922.04
		Total Fetima	Interes Duration	on (Months)	\$1,355.39 \$6,082.66
		i Olai Estima	iteu ooit oosi	.J.	40,002.00

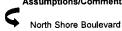
Total Estimated Costs:





LANDSCAPING

Assumptions/Comments:



		Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	LANDSCAPING		1 00	LS	\$20,000.00	\$20,000.00
			Estimated Construc	tion Costs);	\$20,000.00
	Estimated Soft Costs					
					g Design, Construction otechnical & Testing flonths)	\$5,000.00 \$1,000.00 \$1,300.00 \$955.50
			Total Estimated Sof	t Costs:		\$8,255.50
			Total Estimated Cos	sts:		\$28,255.50

PARKS IMPROVEMENTS

Assumptions/Comments:

Parks to now include play structures in open area

		Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	PARK IMPROVEMENTS	•	1.00	LS	\$125,000.00	\$125,000.00
			Estimated Construc	tion Costs	•	\$125,000.00
				Estimated	Soft Costs	
					Design, Construction technical & Testing onths)	\$31,250.00 \$6,250.00 \$8,125.00 \$5,971.88
			Total Estimated Sof	t Costs:		\$51,596.88
			Total Estimated Co	sts:		\$176,596.88



\$77,821.30

PARKS ACQUISITION

Assumptions/Comments:

North Shore - Final Plat



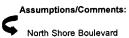
Paid \$47,000 per acre for the land
Outlot E (Park) = 2.93 Acres
Outlot F (Water Quality Basin 1) = 0.67 Acres

		Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	PARK ACQUISITION		2.93	AC	\$23,500.00	\$68,855.00
			Estimated Construc	tion Costs:		\$68,855.00
				Estimated S	Soft Costs	
					Design, Construction	
					echnical & Testing	\$1,377.10
				Legal: Fiscal:		\$1,377.10 \$3,580.46
				interest:		\$2,631 64
				Duration (Mo	enths)	
			Total Estimated Sof	t Costs:		\$8,966 30

Total Estimated Costs:



LANDSCAPING G.O.



		Bid Item Description	Approximate Quantity		Unit Price	Total
1.	LANDSCAPING		1.00	LS	\$20,000 00	\$20,000.00
			Estimated Construc	ction Costs:		\$20,000.00
				<u>Estimated</u>	Soft Costs	
				Engineering	Design, Construction	
					technical & Testing	\$5,000 00
				Legal:		\$1,000 00 \$1,300 00
				Fiscal: Interest:		\$955.50
				Duration (Me	onths)	\$000.00
			Total Estimated So	ft Costs:	=	
			Total Estimated Co	sts:	[\$28,255.50

PARKS IMPROVEMENTS G.O.

__Assumptions/Comments:

		Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	PARK IMPROVEMENTS		1.00	LS	\$125,000.00	\$125,000.00
			Estimated Construc	tion Costs	:	\$125,000.00
			Estimated	Soft Costs		
					g Design, Construction otechnical & Testing fonths)	\$31,250 00 \$6,250.00 \$8,125 00 \$5,971.88
			Total Estimated So	ft Costs:		\$51,596 88
			Total Estimated Co	sts:		\$176,596.88





PARKS ACQUISITION

Assumptions/Comments:

5

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
			Estimated Construc	tion Costs:		\$68,855.00
			1	Estimated :	Soft Costs	
					Design, Construction	
				•	technical & Testing	\$1,377.10 \$1,377.10
				Legal: Fiscal:		\$3,580.46
				Interest:		\$2,631.64
			I	Duration (Mo	onths)	
			Total Estimated Sof	t Costs:		\$8,966 30
			Total Estimated Cos	sts:		\$77,821.30



WATER INTERIOP model change May 12th, 2017. All 12" water was sized down to 8" Elk Run Circle was upsized from 6" to 8" Assumptions/Comments:

	Bid Item Description	Approximate Quantity Unit	Unit Price	Tota
1.	REMOVE 12" PLUG	2 EA	\$500.00	\$1,000.0
2.	CONSTRUCT 6" WATER MAIN	1,120 LF	\$24.00	\$26,880.0
3.	CONSTRUCT 8" WATER MAIN	3,150 LF	\$30.00	\$94,500.0
	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY			
4.	AND BACKING BLOCK	5 EA	\$4,000.00	\$20,000 0
5.	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	5 EA	\$4,000.00	\$20,000.0
6.	CONSTRUCT 8"x8"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK	2 EA	\$450.00	\$900.0
7	CONSTRUCT 8"X8"X8" M J. TEE ASSEMBLY AND BACKING BLOCK	1 EA	\$550.00	\$550.0
8.	CONSTRUCT 8" X 8" CROSS	1 EA	\$750.00	\$750.0
9	CONSTRUCT 12"X8" REDUCER	2 EA	\$300.00	\$600.0
0	CONSTRUCT 8" X 6" REDUCER	3 EA	\$200.00	\$600.0
1 .	CONSTRUCT 6" M.J. GATE VALVE AND BOX	2 EA	\$900.00	\$1,800.0
2 .	CONSTRUCT 8" M.J. GATE VALVE AND BOX	11 EA	\$1,150.00	\$12,650.0
13 .	CONSTRUCT 8" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	1 EA	\$550.00	\$550.0
14 .	CONSTRUCT 8" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	4 EA	\$450.00	\$1,800 0
	CONSTRUCT 6" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING			
15 .	BLOCK	10 EA	\$400.00	\$4,000.0
	CONSTRUCT 8" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING			
16	BLOCK	3 EA	\$500.00	\$1,500.0
17 .	CONSTRUCT CHLORINE TUBE	2 EA	\$1,500 00	\$3,000.0
18 .	CONSTRUCT SAMPLE TAP	5 EA	\$300 00	\$1,500.0
19	CONNECT TO EXISTING 12" WATER MAIN	2 EA	\$2,700.00	\$5,400.0
20	EXPLORATORY EXCAVATION	8 HR	\$250.00	\$2,000.0
21 .	CONSTRUCT SILT FENCE	500 LF	\$2.50	\$1,250.0
22	CLEAN OUT SILT FENCE	200 LF	\$1.00	\$200.0
23	CLEAN OUT SILT BASIN	1,000 CY	\$5 00	\$5,000.0
24	SEEDING - "TYPE TEMPORARY"	6 AC	\$600.00	\$3,600.0
25	STRAW MULCH	6 AC	\$600.00	\$3,600.0
	CONTINGENCY	5%	\$213,630.00	\$10,681.5
	E	stimated Construction Co	sts:	\$224,311 5
		Estimated	Soft Costs	

Estimated C	onstruction costs.	\$224,311.30
	Estimated Soft Costs	
	Engineering Design, Construction	
	Admin, Geotechnical & Testing	\$47,105,42
	Legal:	\$11,215.58
	Fiscal:	\$14,131.62
	Interest:	\$15,580.12
	Duration (Months)	
Total Estima	ited Soft Costs:	\$88,032.73
Total Estima	ited Costs:	\$312,344.23



CAPITAL FACILITIES CHARGES



Assumptions/Comments:

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

	Bid Item Description	Approximate Quantity Unit	Unit Price	Total
1 . 2 . 3 . 4	CAPITAL FACILITIES CHARGES - RESIDENTIAL CAPITAL FACILITIES CHARGES - SCHOOL CAPITAL FACILITIES CHARGES - OUTLOTS CREDIT (EXTERIOR WATER MAIN EXTENSION)	61 LOTS AC 3 78 AC 1 00 LS	\$2,070.00 \$5,790.00 \$5,790.00 -\$37,039.05	\$126,270.00 \$0.00 \$21,886.20 -\$37,039.05
		Estimated Construction Cos	ts:	\$111,117.15
		<u>Estimated</u>	Soft Costs	
		Legal: Fiscal: Interest: Duration (M	onths)	\$2,222.34 \$5,666.97 \$13,027.90
		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
			1
			<u> </u>
i	TOTAL	3.780402433	AC

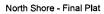


\$29,607.13

WATER INTERIOR G.O. - PRICE DIFFERENCES

	Bid Item Description	Approximate Quantity Unit	Unit Price	Total
1	REMOVE 12" PLUG	2 EA	\$500.00	\$1,000 00
2	CONSTRUCT 6" WATER MAIN	0 LF	\$24.00	\$0.00
3.	CONSTRUCT 8" WATER MAIN	0 LF	\$30.00	\$0.00
	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY			
4.	AND BACKING BLOCK	0 EA	\$4,000.00	\$0.00
5	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	0 EA	\$4,000.00	\$0.00
6.	CONSTRUCT 8"x8"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK	0 EA	\$450 00	\$0.00
7	CONSTRUCT 8"X8"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	0 EA	\$550.00	\$0.00
8.	CONSTRUCT 8" X 8" CROSS	0 EA	\$750 00	\$0.00
9	CONSTRUCT 12" X 8" REDUCER	2 EA	\$100.00	\$200.00
10	CONSTRUCT 8" X 6" REDUCER	0 EA	\$200.00	\$0.00
11	CONSTRUCT 6" M.J. GATE VALVE AND BOX	0 EA	\$900.00	\$0.00
12 .	CONSTRUCT 8" M.J. GATE VALVE AND BOX	0 EA	\$1,150.00	\$0.00
13.	CONSTRUCT 8" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0 EA	\$550.00	\$0 00
14 .	CONSTRUCT 8" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK CONSTRUCT 6" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING	0 EA	\$450.00	\$0.00
15 .	BLOCK CONSTRUCT 8' X 22.5 DEGREE HORIZONTAL BEND WITH BACKING	0 EA	\$400 00	\$0 00
16	BLOCK	0 EA	\$500 00	\$0.00
17 .	CONSTRUCT CHLORINE TUBE	0 EA	\$1,500.00	\$0.00
18 .	CONSTRUCT SAMPLE TAP	0 EA	\$300.00	\$0.00
19	CONNECT TO EXISTING 12" WATER MAIN	2 EA	\$2,700.00	\$5,400.00
20	EXPLORATORY EXCAVATION	0 HR	\$250.00	\$0.00
21 .	CONSTRUCT SILT FENCE	500 LF	\$2 50	\$1,250.00
22	CLEAN OUT SILT FENCE	200 LF	\$1.00	\$200.00
23	CLEAN OUT SILT BASIN	1,000 CY	\$5.00	\$5,000 00
24	SEEDING - "TYPE TEMPORARY"	6 AC	\$600.00	\$3,600.00
25	STRAW MULCH	6 AC	\$600.00	\$3,600.00
	CONTINGENCY	5%		\$1,012.50
		Estimated Construction Costs	:	\$21,262.50
		Estimated	Soft Costs	
		Fnaineerin	g Design, Construction	
			otechnical & Testing	\$4,465,13
		Legal:		\$1,063,13
		Fiscal:		\$1,339.54
		Interest:		\$1,476.84
		Duration (N	fonths)	
		Total Estimated Soft Costs:		\$8.344.63

Total Estimated Costs:





REGULATORY SIGNS

Assumptions/Comments:

	Bid Item Description	Approximate Quantity Unit	Unit Price	Tota
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
	SPEED LIMIT SIGN (18"X24")	2 EA	\$175 00	\$350.0
	"PEDESTRIAN CROSSING" SIGN (30"X30")	4 EA	\$250 00	\$1,000.0
	REFLECTIVE DELINEATORS	0 EA	\$75.00	\$0.00
	ONE WAY SIGNS	2 EA	\$200.00	\$400.00
	CONTINGENCY	15%	\$4,750.00	\$712.50
		Estimated Construction Costs:		\$5,462.50
			Soft Costs	
			Design, Construction	24 225 24
		Admin, Geo	technical & Testing	\$1,365.63
		1 1.		#070 40
		Legal:		•
		Fiscal:		\$355.06
			onths)	\$273.13 \$355.06 \$391.46
		Fiscal: Interest:	onths)	\$355.06



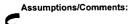
SIGNAGE G.O.

_Assumptions/Comments:

		Approximate		_
	Bid Item Description	Quantity Unit	Unit Price	Tota
1	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	4 EA	\$250.00	\$1,000.0
2.	"STOP" SIGN (24")	10 EA	\$200.00	\$2,000.0
3.	"YIELD" SIGN (24")	0 EA	\$200.00	\$0.0
١.	SPEED LIMIT SIGN (18"X24")	2 EA	\$175.00	\$350.0
5.	"PEDESTRIAN CROSSING" SIGN (30"X30")	4 EA	\$250.00	\$1,000.0
6.	REFLECTIVE DELINEATORS	0 EA	\$75.00	\$0 0
7.	ONE WAY SIGNS	2 EA	\$200.00	\$400.0
	CONTINGENCY	15%	\$4,750.00	\$712.50
				ζ.
		Estimated Construction Costs	:	\$5,462.5
		<u>Estimated</u>	Soft Costs	
		Engineerin	Design, Construction	
			technical & Testing	\$1,365.63
			al and Testing:	\$0.00
				\$273.13
		Legal: Fiscal:		\$273.13 \$355.06
		Legal:		
		Legal: Fiscal:	lonths)	\$355.06
		Legal: Fiscal: Interest:	lonths)	\$355.0



POWER



		Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	SINGLE FAMILY LOT		61	EA	\$1,350.00	\$82,350.00
			Estimated Construc	tion Costs:		\$82,350.00
				Estimated So	ft Costs	
				Engineering Do	esign, Construction	
					hnical & Testing	\$17,293.50
				Legal:		\$4,117.50
				Fiscal:		\$5,188.05
				Interest: Duration (Mont	hs)	\$5,719.83
			Total Estimated Sof	t Costs:		\$32,318 88
			Total Estimated Cos	sts:		\$114,668 88

DECORATIVE STREET LIGHTS



	Bid Item Description	Approximate Quantity	Unit	Unit Price	Tota
1.	DECORATIVE STREET LIGHTS	0	EA	2,273.32	\$0.00
		Estimated Construc	tion Costs:		\$0.00
			Estimated So	oft Costs	
				esign, Construction chnical & Testing ths)	\$0.00 \$0.00 \$0.00
		Total Estimated Sof	t Costs:		\$0.0
		Total Estimated Costs:			



CIVIL DEFENSE SIREN



Assumptions/Comments:

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	50% SID 290 COST	0	LS	\$22,723.35	\$0.00
,	E	Stimated Construct	tion Costs:		\$0.00
·			Estimated	Soft Costs	
		i	Engineering	Design, Construction	
				technical & Testing	\$0.00
		1	Legal:	_	\$0.00
			Fiscal:		\$0.00
			Interest:		\$0.00
			Duration (M	onths)	
	ī	otal Estimated Soft	Costs:		\$0.00
	т	otal Estimated Cos	ts:		\$0.00



S.I.D. Cost Estimate

NORTH SHORE COMBINED ESTIMATE PHASE 1, 2 AND 3 0112044.01-003 SID 292 6/13/2017



North Shore, Sarpy County SID 292

ORDER OF MAGNITUDE COST ESTIMATE

		COM	BINED I	PHASE 1	, 2 AND	3			
Proposed Improvement	Quantity	Unit	Construction Cost	Total Cost	General Obligation	Special	Papilliion Reimbursable	Sarpy County Reimbursable	Adjacent SID Reimbursable
SANITARY SEWER									
Interior	23562	LF	\$1,067,340 03	\$1,642,994.42	\$67,063 71	\$1,575,930 71	\$0.00	\$0 00	\$0.00
Outfall - Westerm 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	\$4,200 00	\$4,800 00	\$4,800 00	\$0 00	\$0 00	\$0 00	\$0.00
Pink Family Easement - Phase	1	LS	\$21,300 00	\$24,400 00	\$24,400 00	\$0 00	\$0.00	\$0.00	\$0 00
STORM SEWER	3957	LF	\$653,224 71	\$973,060 35	\$922,113 68	\$0 00	\$0.00	\$50,946 67	\$0 00
PAVING									
Minor	67061	SY	\$2,218,509 96	\$3,141,749 80	\$921,244.99	\$2,220,504.81	\$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	\$575,338.86	\$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
SIDEWALKS	20518	SF	\$262,913.37	\$392,914 45	\$371,343 27	\$0.00	\$0.00	\$21,571 18	\$0 00
PARKS									
Landscaping	1	LS	\$98,655 34	\$137,848 00	\$137,848 00	\$0.00	\$0 00	\$0 00	\$0.00
Improvements	1	LS	\$214,338 00	\$282,447.43	\$282,447 43	\$0 00	\$0 00	\$0 00	\$0.00
Acquisition	2.93	AC	\$68,900 00	\$77,800 00	\$77,821 30	\$0 00	\$0 00	\$0 00	\$0.00
WATER									
Interior	18409	LF	\$1,140,437.90	\$1,601,032 22	\$243,344 58	\$1,357,687 64	\$0 00	\$0.00	\$0,00
Capital Facilities Charges	361	LOTS	\$661,016 88	\$777,706 09	\$388,853 05	\$388,853 05	\$0.00	\$0 00	\$0.00
City Infrastructure Contrib	1	LS	\$542,400 00	\$601,242.26	\$601,242.26	\$0 00	\$0.00	\$0 00	\$0.00
POWER									
Service	249	LOTS	\$349,400.00	\$484,611 43	\$0 00	\$484,611 43	\$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
SIGNAGE	270	SIGNS	\$32,654.24	\$34,954 24	\$34,954 24	\$0.00	\$0.00	\$0.00	\$0.00
CIVIL DEFENSE SIREN	1	LS	\$22,723 35	\$25,682 38	\$25,682 38	\$0 00	\$0.00	\$0 00	\$0.00
PLAN REVIEW FEE	1	%	\$15,200 00	\$17,100.00	\$5,600 00	\$11,500 00	\$0 00	\$0 00	\$0 00
**	То	tal [\$9,922,132 60 \$9,922,132 60	\$13,790,072 10	\$5,071,891 58	\$6,276,941 78	\$1,485,269 03	\$773,921.75	\$182,069 26
Residential Valuation	361	Lots	\$9,922,132 60 \$132,126,000 00	\$13,790,072.10 Debt	\$5,071,891 58 Ratio (95% Valuation)	\$6,276,941 78 4 04%	\$1,485,269 03	\$773,921 75	
Total Valuation 95% Valuation			\$132,126,000 00 \$125,519,700 00						

ESTIMATE 0112044 COMBINED PHASE 1 THROUGH 3 xlsx

2017-16276 ((,

North Shore - Final Plat 0112044.01-002

L:\Engineering\0112044\DESIGN DATA\

DEBT RATIO

ASSUMPTIONS

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

Residential Lot

361 Units = \$50,000.00 = \$18,050,000.00

Residential Improvements

361 Units = \$316,000.00 = \$114,076,000.00

Total 100% Valuation = \$132,126,000.00

Total 95% Valuation = \$125,519,700.00

DEBT RATIO = 4.04%