COUNTER C.E. Q.S.
VERIFY C.E. Q.S.
PROOF BY 53Q. OO
FEES \$ CHECK#OP CASH
REFUND CREDIT

SHORT

FILED SARPY COUNTY NEBRASKA INSTRUMENT NUMBER

2019-03604

02/26/2019 2:09:37 PM

COUNTY CLERK/REGISTER OF DEEDS



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THIRD AMENDMENT TO SUBDIVISION AGREEMENT

This Third Amendment to the Ashbury Farm Subdivision Agreement (the "Third Amendment"), which is made this <u>iqual</u>, and of <u>February</u>, 2019 by and between SANITARY AND IMPROVEMENT DISTRICT NO. 293 OF SARPY COUNTY, NEBRASKA (hereinafter referred to as "DISTRICT"), B.H.I. DEVELOPMENT, INC., a Nebraska corporation (hereinafter referred to as "DEVELOPER"), and the CITY OF PAPILLION, NEBRASKA, a municipal corporation (hereinafter referred to as "CITY"), amends and modifies the Subdivision Agreement adopted by Resolution #R13-0109, entered into by the Parties on July 16, 2013 as modified by: (1) the First Amendment to the Subdivision Agreement ("First Amendment") adopted by Resolution #R14-0057, entered into by the Parties on May 6, 2014, and (2) the Second Amendment to the Subdivision Agreement ("Second Amendment") adopted by Resolution #R15-0172, entered into by the Parties on October 20, 2015 (hereinafter collectively referred to as the "Agreement").

RECITALS

WHEREAS, DEVELOPER, DISTRICT, and CITY entered into the original Subdivision Agreement ("Subdivision Agreement") dated July 16, 2013 with respect to Lots 1 through 121 and Outlots A through F, known as Ashbury Farm; and

WHEREAS, the Public Improvements for Ashbury Farm are contemplated to be constructed in phases with the first phase serving Lots 15 - 39, 57 - 59, 68, and 74 - 110 ("Phase 1"), the second phase serving Lots 1 - 14, 40 - 56, 60 - 67, and 69 - 73 ("Phase 2") and the third phase serving Lots 111 - 121 ("Phase 3"); and

WHEREAS, the Parties wish to agree upon a modification to the system of sewers within the Development Area; and

WHEREAS, the Subdivision Agreement contemplated that DEVELOPER wished to connect the system of sewers to be constructed by DISTRICT within the Development Area with the sewer system of CITY; and

WHEREAS, DISTRICT constructed a system of sewers within the Development Area to serve Lots 15-39, 57-59, 68, and 74-121 (the "Western Springs Outfall Lots") that connects to the sewer system of CITY as depicted in Exhibit L, attached hereto; and

WHEREAS, DEVELOPER wishes to connect the system of sewers to be constructed by DISTRICT within the Development Area to serve Lots 1-14, 40-56, 60-67, and 69-73 with the sewer system of Sarpy County (the "North Shore Commercial Outfall Lots") as depicted in Exhibit L; and

WHEREAS, the Parties hereto desire to modify the Subdivision Agreement to establish the terms and conditions for construction of the system of sewers to service the North Shore Commercial Outfall Lots and to comply with the Second Amendment to the Interlocal Cooperation Agreement for the Baseball Stadium Outfall adopted by CITY by Resolution #R17-0080; and

WHEREAS, the Parties hereto desire to modify the Source and Use of Funds to include updated cost estimates for the Public Improvements related to Phase 2 including, but not limited to, cost changes associated with the modification of the design of the system of sewers.

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

- 1. <u>Incorporation of Recitals</u>. The recitals set forth in: (i) the Subdivision Agreement, (ii) the First Amendment, (iii) the Second Amendment, and (iv) this Third Amendment are, by this reference, hereby incorporated into and deemed part of the Agreement as modified and amended by this Third Amendment.
- 2. <u>Capitalized Terms</u>. All capitalized terms used in this Third Amendment shall have the meanings set forth in the Agreement except as otherwise defined herein.
- 3. <u>Area of Application</u>. This Third Amendment applies to Lots 1 through 121 and Outlots A through F, inclusive, Ashbury Farm.
- 4. <u>Amendments</u>. The Agreement terms are hereby amended as follows:
 - A. <u>Amendment #1</u>. Section IV, Paragraph 1, as previously amended by the Second Amendment, is hereby rescinded in its entirety and the following paragraph is hereby substituted in its place:

The Parties agree that the cost of the Public Improvements constructed by DISTRICT within the Development Area as authorized by Section II, shall be defrayed as follows and as identified in Exhibit "G-3" attached hereto and incorporated herein by this reference as the Source and Use of Funds. Construction overruns and/or change orders totaling up to ten percent (10%) of any individual contract as described in Exhibit "G-3", shall be submitted to CITY for approval prior to the work being started. If the work is approved by the City Administrator and the City Engineer, the total cost of the work may be added to the contract and Exhibit "G-3". If the work is not approved by the City Administrator and City Engineer, the cost of the work shall be included in the statements of cost and specially assessed evenly against the DISTRICT'S assessable property or the cost of the work shall be privately financed. In no case shall the general obligation costs of DISTRICT exceed \$4,746,555.85 (the amount shown as the total general obligation Exhibit "G-3"), at the time of levy of special assessments. Special assessments shall be increased if necessary to reduce the general obligation debt to the required amount.

B. <u>Amendment #2</u>. Section VII is hereby rescinded in its entirety and the following is hereby substituted in its place:

Section VII Covenants by City

City acknowledges, covenants, and agrees that:

- A. DISTRICT has connected its system of sewers serving the Western Springs Outfall Lots to the sanitary sewer of CITY pursuant to the terms and conditions of the sewer and water connection agreement adopted by Resolution #R13-0110, entered into by CITY and DISTRICT on July 16, 2013.
- B. DISTRICT may connect its system of sewers serving the North Shore Commercial Outfall Lots to the sanitary sewer system of Sarpy County contingent upon and pursuant to the terms and conditions of a sewer connection agreement between DISTRICT and Sarpy County.
- C. DISTRICT may connect its water system to the water system of CITY contingent upon and pursuant to the terms and conditions of the sewer and water connection agreement adopted by Resolution #R13-0110, entered into by CITY and DISTRICT on July 16, 2013.
- C. Amendment #4. Section IX shall be amended to add Subsection X:
 - X. Bids for Public Improvements. Upon the effective date of the Third Amendment, DISTRICT shall not solicit bids for Public Improvements until after the plans therefor have been approved by the City Engineer. The Parties acknowledge that the City Engineer reserves the right to consult with Sarpy County regarding sanitary sewer and storm sewer improvements within the North Shore Commercial Outfall Service Area prior to City Engineer's approval of the plans for the corresponding Public Improvement. No construction shall begin and no contract shall be let until such time as CITY approves the corresponding bid for the applicable Public Improvement.
- D. Amendment #4. Section IX shall be amended to add Subsection Y:
 - Y. Sewer for North Shore Commercial Lots. Before DISTRICT or DEVELOPER may commence any work on the system of sewers serving the North Shore Commercial Lots, the following requirements must be satisfied by DISTRICT or DEVELOPER, as applicable:
 - 1. DISTRICT shall enter into an Agreement for Sewer Connection and Wastewater Service with Sarpy County for the North Shore Commercial Outfall Lots;
 - DISTRICT or DEVELOPER, as applicable, shall deliver to the Papillion City Clerk duly executed copies of an Agreement for Sewer Connection and Wastewater Service between DISTRICT and Sarpy County for the North Shore Commercial Outfall Lots;

- 3. DISTRICT or DEVELOPER, as applicable, shall make payment for all applicable fees due to CITY or Sarpy County, in relation to the construction and installation of said Public Improvement or Privately Financed Improvement, as applicable;
- 4. DISTRICT or DEVELOPER, as applicable, shall obtain written approval from Sarpy County and CITY, as applicable, for the specifications and technical terms of any agreement(s) or plan(s) for, or relating to, the construction or installation of said individual Public Improvement or Privately Financed Private Improvement, as applicable, prior to DISTRICT's or DEVELOPER's, as applicable, execution of any such agreement(s) or plan(s). Once written approval is obtained from Sarpy County and CITY, as applicable, DISTRICT or DEVELOPER, as applicable shall deliver to the Papillion City Clerk duly executed copies of any agreement(s) or plan(s) for work required for, or otherwise entered into in connection with, said individual Public Improvement or Privately Financed Private Improvement. Such agreement(s) or plan(s) shall include, but not be limited to, any required bonds, insurance certifications, and all plans for said individual Public Improvement or Privately Financed Private Improvement;
- 5. DISTRICT or DEVELOPER, as applicable, shall obtain and file of record any permanent easements required by CITY or Sarpy County, as applicable, for said Public Improvement or Privately Financed Private Improvement;
- 6. DISTRICT or DEVELOPER, as applicable, shall obtain and file of record any permanent easements to allow Sarpy County to access and maintain all sanitary sewer outfalls serving the North Shore Commercial Outfall Lots, as determined by Sarpy County;
- DEVELOPER shall Obtain, and show proof of, general liability insurance and payment and performance bonds equivalent to the total construction cost for said individual Privately Financed Public Improvement to the City Clerk and the City Engineer;
- 8. DISTRICT or DEVELOPER, as applicable, shall obtain final approval from CITY to commence the construction and installation of said individual Public Improvement or Privately Financed Private Improvement; and
- 9. DISTRICT or DEVELOPER, as applicable, shall obtain final approval from Sarpy County to commence the construction and installation of said Public Improvement or Privately Financed Private Improvement.
- E. <u>Amendment #5</u>. Section IX shall be amended to add Subsection Z:
 - Z. Engineer's Certificate of Completion Required. DISTRICT or DEVELOPER, as applicable, shall provide an Engineer's Certificate of Completion to Sarpy

County for filing which contains a statement that all sewer connections from the North Shore Commercial Outfall Lots to the North Shore Commercial Outfall Sewer have been constructed in accordance with the plans and specifications approved in writing by Sarpy County.

- 5. <u>Exhibit Modifications</u>. The Agreement exhibits referenced herein or attached hereto, which are hereby incorporated into the Agreement by this reference, are hereby rescinded, modified, or added as follows:
 - A. Exhibit "D", and all references thereto, are hereby rescinded in their entirety and the attached Exhibit "D-1" is hereby substituted in their place.
 - B. Exhibit "G-2", and all references thereto, are hereby rescinded in their entirety and the attached Exhibit "G-3" is hereby substituted in their place.
 - C. Exhibit "L" is hereby added to the Agreement.
- 6. <u>No Other Amendment</u>. Except as specifically set forth herein, the Agreement shall remain in full force and effect.
- 7. <u>Binding Effect</u>. This Third Amendment shall be binding upon the Parties hereto, their respective successors and assigns in the same manner and to the same extent as the Agreement.

ATTEST:

THE CITY OF PAPILLION, NEBRASKA

Nicole L. Brown, City Clerk

David P. Black, Mayor

SEAL:

SANITARY AND IMPROVEMENT DISTRICT NO. 293 OF SARPY COUNTY, NEBRASKA

By surel a lover	
Gerald L. Torczon, Chairman	
STATE OF NEBRASKA)	
COUNTY OF SARPY)	SS.
Before me, a nota	ry public, in and for said county and state, personally came Gerald L.
·	d Improvement District No. 293 of Sarpy County, Nebraska, known to executed the above instrument and acknowledged the execution thereof

GENERAL NOTARY - State of Nebraska ANDREA M. BLEVINS My Comm. Exp. January 13, 2023

be his voluntary act and deed on behalf of such District.

B.H.I. DEVELOPMENT, INC. a Nebraska corporation
a reoranka corporation

COUNTY OF SARPY

DEVELOPER:

STATE OF NEBRASKA

Before me, a notary public, in and for said county and state, personally came Gerald L. Torczon, President of B.H.I. Development, Inc., a Nebraska corporation, known to me to be the identical person who executed the above instrument and acknowledged the execution thereof be his voluntary act and deed on behalf of such corporation.

Witness my hand and Notarial Seal this 5th day of February, 2019.

Chadra W. Blund

Notary Public

GENERAL NOTARY - State of Nebraska ANDREA M. BLEVINS My Comm. Exp. January 13, 2023

SUBDIVISION AGREEMENT AMENDMENT TABLE OF CONTENTS

INTRODUCTION STATEMENT

RECITALS

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

EXHIBITS:

D-1 Sanitary and Water
G-3 Source and Use
L Outfall Service Areas

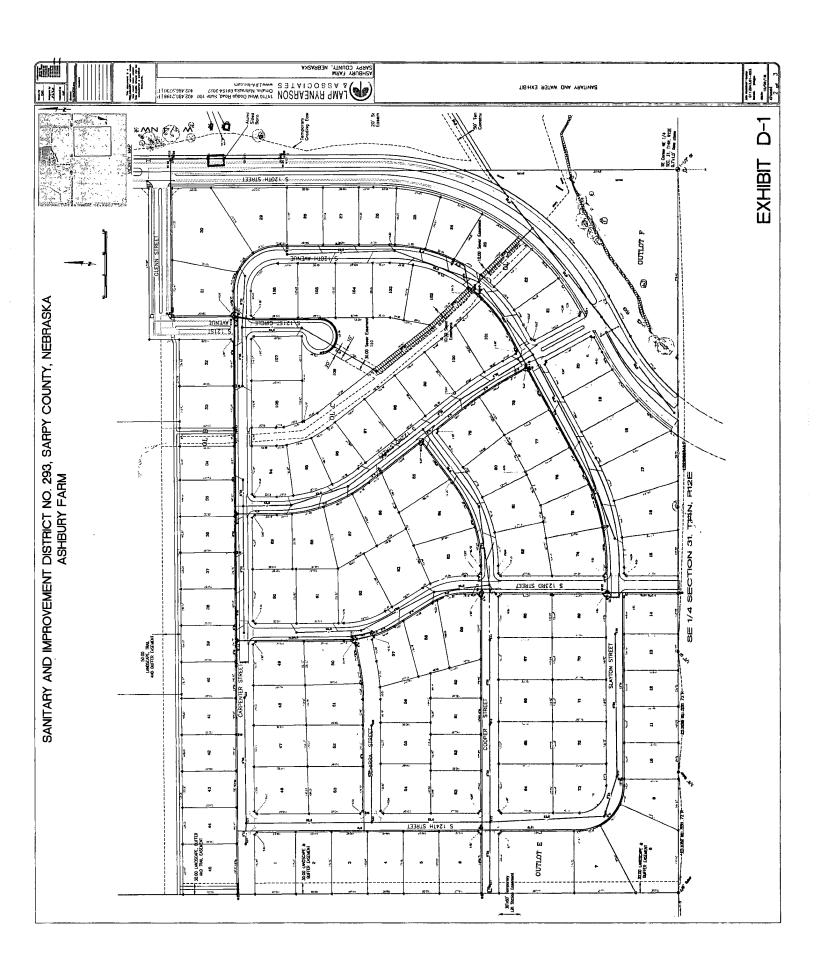


EXHIBIT G-3

S.I.D. Cost Estimate

Ashbury Farm Combined SUF Phases 1, 2 & 3 112043.11,.22,.33 SID No. 293 10/8/2018

i)	As	Ashb	ury Farm,	m, Sarpy	II . 1	County SID 293	293			
OR	ORDER		DF MA	MAGNITUDE		COST ES	ESTIMATE	ш		
			Final	Plat	Exhibit C	6-3				
Proposed Improvement	Quantity	, Unit	Construction	Total Cost	General	Special	Future SID Reimbursable	City of Papillion Reimbursable	Sarpy County Reimbursable	Private
SANITARY SEWER										
Interior	9706	4	\$555,739.98	\$837,919.44	\$9,300.00	\$828,619.44	\$0.00	\$0.00	\$0.00	\$0.00
Outfall	4203	5	\$374,974.62	\$559,150.04	\$0.00	\$0.00	\$0.00	\$559,150.04	\$0.00	\$0.00
Outfall Easement Acquisition	-	S	\$20,164.38	\$24,142.15	\$0.00	\$0.00	\$0.00	\$24,142.15	\$0.00	\$0.00
STORM SEWER	12593	5	\$725,559.82	\$1,054,897.68	\$994,482.67	\$14,388.87	\$0.00	\$0.00	\$46,026.14	\$0.00
PAVING										
Minor	34555	λ	\$1,345,923.20	\$1,766,983.41	\$412,200.00	\$900,260.21	\$0.00	\$0.00	\$0.00	\$454,523.20
120th Street	17600	λ	\$614,455.07	\$876,581.26	\$214,346.44	\$183,575.56	\$265,745.37	\$0.00	\$212,913.89	\$0.00
Highway 370 Decel Lane	2239	λ	\$283,531.35	\$429,193.94	\$386,274.54	\$0.00	\$42,919.39	\$0.00	\$0.00	\$0.00
Highway 370 Contribution	-	S	\$362,351.21	\$401,660.88	\$401,660.88	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SIDEWALKS & SIGNS	44601	SF	\$357,738.93	\$473,377.00	\$401,846,23	\$0.00	\$71,530,77	\$0.00	\$0.00	\$0.00
LANDSCAPING	-	S	\$59,835.00	\$86,364.18	\$86,364.18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PARKS ACQUISITION	2.92	AC	\$30,700.00	\$36,200.00	\$36,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
WATER										
Interior	15736	4	\$929,727.05	\$1,312,571.85	\$435,851.87	\$876,719.98	\$0.00	\$0.00	\$0.00	\$0.00
Capital Facilities Charge	110	Lots	\$492,042.98	\$581,234.10	\$227,267.05	\$241,532.72	\$0.00	\$0.00	\$0.00	\$112,434.33
City Infrastructure Contrib	+	rs	\$791,423.94	\$877,281.57	\$877,281.57	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
POWER										
Service	110	Lots	\$119,360.00	\$168,592.67	\$0.00	\$168,592,67	\$0.00	\$0.00	\$0.00	\$0.00
Commercial Service	4	ĄÇ	\$165,500.00	\$226,800.00	\$0.00	\$226,800.00	\$0.00	\$0.00	\$0.00	\$0.00
Decorative Street Lights	2	ā	\$172,200.00	\$210,980.43	\$210,980.43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CIVIL DEFENSE SIREN	-	รา	\$30,000.00	\$42,400.00	\$42,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PLAN REVIEW FEE	-	¥	\$22,900.00	\$25,600.00	\$10,100,00	\$15,500.00	\$0.00	\$0.00	\$0.00	\$0.00
	Total	- -	\$7,454,127.53	\$9,991,930.60	\$4,746,555.85	\$3,455,989.45	\$380,195.53	\$583,292,19	\$258,940,04	\$566,957.53
Residential Valuation Commercial Valuation Total Valuation Total Valuation	110 44.52 100% 95%	AC AC	\$55,000,000.00 \$50,355,360.00 \$105,355,360.00 \$100,087,592.00	Debt R	Debt Ratio (95% Valuation)	4.74%				

ESTIMATE 0112043 Combined SUF (Ph 1 bids and Ph 2 & 3 estimate).xlsx

DEBT RATIO

ASSUMPTIONS

Average market Value Per Residential Lot (land value only)

Commercial Land Value per square foot

\$85,000.00

Average market Value Per Residential Lot (Improvements)

\$415,000.00

(improvement value only)

\$8.00

Commercial Building Value per square foot (Includes Land)

\$85.00

ASSESSABLE VALUATION

Residential Lot	110	Units =	\$85,000.00 =	\$9,350,000.00
Residential Improvements	110	Units =	\$415,000.00 =	\$45,650,000.00
Commercial Land	46.24	AC =	\$348,480.00 =	\$16,113,715.20
Commercial Building (20% of Lot Area)	402,843	SF =	\$85.00 =	\$34,241,644.80

Total 100% Valuation = \$105,355,360.00

Total 95% Valuation = \$100,087,592.00

DEBT RATIO = 4.74%

S.I.D. Cost Estimate

Ashbury Farm - Phase I 112043.11 SID No. 293 8/26/2015

Ash	A DE	֓֜֟֝֟֓֟֟֓֟֟֓֟֟ ֓֓֓	Ashbury Farm, ER OF MAG	Farm, Sarpy o MAGNITUDE	py County IDE COS	<u>ہ</u> ا	ESTIMAT	H H		
				Phase	se I					
Proposed Improvement	Quantity	Unit	Construction	Total Cost	General	Special	Future SID Reimbursable	City of Papiliion Reimbursable	Sarpy County Reimbursable	Private
SANITARY SEWER										
Interior	5086	Ä	\$212,439.98	\$344,219.44	\$0.00	\$344,219.44	\$0.00	\$0.00	\$0.00	\$0.00
Outfall	4203	7	\$374,974.62	\$559,150.04	\$0.00	\$0.00	\$0.00	\$559,150.04	\$0.00	\$0.00
Outfall Easement Acquisition	-	۲S	\$20,164.38	\$24,142.15	\$0.00	\$0.00	\$0.00	\$24,142.15	\$0.00	\$0.00
STORM SEWER	4509	ŗ.	\$269,159.82	\$413,897.68	\$353,482.67	\$14,388.87	\$0.00	\$0.00	\$46,026.14	\$0.00
PAVING										
Minor - Private	15505	λ	\$454,523.20	\$515,883.41	\$0.00	\$61,360.21	\$0.00	\$0.00	\$0.00	\$454,523.20
120th Street	17600	λ	\$614,455.07	\$876,581.26	\$214,346.44	\$183,575,56	\$265,745.37	\$0.00	\$212,913.89	\$0.00
Highway 370 Decel Lane	2239	λ	\$283,531.35	\$429,193.94	\$386,274.54	\$0.00	\$42,919.39	\$0.00	\$0.00	\$0.00
Highway 370 Contribution	-	r _S	\$362,351.21	\$401,660.88	\$401,660.88	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SIDEWALKS & SIGNS	40731	R	\$289,538.93	\$376,477.00	\$304,946.23	\$0.00	\$71,530.77	\$0.00	\$0.00	\$0.00
LANDSCAPING	-	ะร	\$59,835.00	\$86,364.18	\$86,364,18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PARKS ACQUISITION	2.92	Ş	\$30,700.00	\$36,200.00	\$36,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
WATER										
Interior	8306	5	\$402,927.05	\$570,771.85	\$162,651.87	\$408,119.98	\$0.00	\$0.00	\$0.00	\$0.00
Capital Facilities Charge	10	Lots	\$379,642.98	\$454,534.10	\$227,267.05	\$114,832.72	\$0.00	\$0.00	\$0.00	\$112,434.33
City Infrastructure Contrib	-	rs S	\$791,423.94	\$877,281.57	\$877,281.57	\$0.00	\$0.00			
POWER										
Service	62	Lots	\$54,560.00	\$79,792.67	\$0.00	\$79,792.67	80.00	\$0.00	\$0.00	00.08
Decorative Street Lights	8	ā	\$118,900.00	\$150,180.43	\$150,180.43	\$0.00				
CIVIL DEFENSE SIREN	-	នា	\$30,000,00	\$42,400.00	\$42,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Total		\$4,749,127.53	\$6,238,730.60	\$3,243,055.85	\$1,206,289.45	\$380,195.53	\$583,292.19	\$258,940.04	\$566,957.53
First Amendment to Subdivision Agreement					\$3,344,800.00	\$1,494,000.00	\$388,500.00	\$568,000.00	\$275,200.00	\$477,600.00
Residential Valuation (Land Value) Residential Valuation (Improvements) Commercial Valuation Total Valuation Total Valuation	62 62 0.00 100% 95%	Lots Lots AC	\$5,270,000 \$25,730,000 \$0 \$31,000,000 \$29,450,000		Debt Ratio	11.01%				

DEBT RATIO

ASSUMPTIONS

Average market Value Per Residential Lot = \$85,000.00 (land value only)

Average market Value Per Residential Lot (Improvements) = \$\frac{\$415,000.00}{}\$ (improvement value only)

Commercial Land Value per square foot = \$8.00

Commercial Building Value per square foot (Includes Land) = \$85.00

ASSESSABLE VALUATION

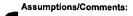
Residential Lot	62	Units =	\$85,000.00 =	\$5,270,000.00
Residential Improvements	62	Units =	\$415,000.00 =	\$25,730,000.00
Commercial Land	0.000	AC =	\$348,480.00 =	\$0.00
Commercial Building (20% of Lot Area)	0	SF =	\$85.00 =	\$0.00

Total 100% Valuation = \$31,000,000.00

Total 95% Valuation = \$29,450,000.00

DEBT RATIO = 11.01%

SANITARY SEWER - INTERIOR



FINAL

	Bid Item Description	Approximate Quantity Unit	Unit Price	Tota
				7010
1.	CLEARING AND GRUBBING GENERAL	1.00 LS	\$0.00	\$0.00
2.	CONSTRUCT 6" SANITARY SEWER PIPE	1983.00 LF	\$13.50	\$26,770.50
3.	CONSTRUCT 8" SANITARY SEWER PIPE	5085.76 LF	\$13.75	\$69,929.20
4.	CONSTRUCT 54" I.D. SANITARY MANHOLE (25 EA)	334.25 VF	\$260.00	\$86,905.00
5.	CONSTRUCT 8" X 6" WYE	46.00 EA	\$75.00	\$3,450.00
ì.	CONSTRUCT 6" MANHOLE STUBOUT	19.00 EA	\$42.00	\$798.00
7.	CONSTRUCT 6" PIPE BEDDING	1860.00 LF	\$3.00	\$5,580.00
3.	CONSTRUCT 8" PIPE BEDDING	5085.76 LF	\$3.00	\$15,257.28
9	CONSTRUCT MANHOLE RING COLLAR	3.00 EA	\$275.00	\$825.00
) .	CONSTRUCT EXTERNAL FRAME SEAL	3.00 EA	\$367.00	\$1,101.00
1.	STABILIZE TRENCH W/ CRUSHED LIMESTONE	0.00 TN	\$24.00	\$0.00
2.	CONSTRUCT SILT FENCE	0.00 LF	\$1.50	\$0.00
3.	CLEANOUT SILT BASIN	0.00 CY	\$1.00	\$0.00
١.	CLEANOUT SILT FENCE	0.00 LF	\$0,50	\$0.00
5.	CONSTRUCT ROCK ACCESS ROAD	0.00 TN	\$15.00	\$0.00
	PER CHANGE ORDER NO. 1			
3 .	SEED TYPE "TEMPORARY"	12.10 AC	\$220.00	\$2,662,00
	DEDUCTION FOR FAILED TESTS			-\$838.00
		Construction Costs:		\$212,439.98
		Soft Costs		

Engineering Design & Construction	
Admin	\$51,620.00
Testing:	\$16,283.00
Review Fee:	\$2,493.82
Legal:	\$10,622.00
Fiscal:	\$15,528.63
Interest:	\$35,232.01

Total Soft Costs:	\$131,779.46
Total Costs:	\$344,219.44

SANITARY SEWER - OUTFALL



	Bid Item Description	Approximate Quantity Unit	Unit Price	Tota
1.	CLEARING AND GRUBBING GENERAL	1.00 LS	\$18,555.00	\$18,555.00
2.	CLEARING AND GRUBBING TREES OVER 9" TO 18" DIAMETER	40.00 EA	\$185.00	\$7,400.0
3.	REMOVE PAVEMENT	58.66 SY	\$185.00 \$5.50	\$322.6
3. 4.	REMOVE FENCE	257.50 LF	\$5.50 \$2.70	\$322.6 \$695.2
5.	REMOVE AND REPLACE FENCE	581.20 LF	\$2.70 \$10.05	
5. 6.	REMOVE AND REPLACE FENCE REMOVE, SALVAGE AND REINSTALL FENCE	148.00 LF	\$10.05 \$27.15	\$5,841.0 \$4,018.2
7.	REMOVE 12" MANHOLE STUBOUT	1.00 EA	\$7.15 \$715.00	\$7,010.2
8.	CONSTRUCT 8" SANITARY SEWER PIPE	2,004.00 LF	\$14.25	\$28,557.0
9.	CONSTRUCT 10" SANITARY SEWER PIPE	1,612,00 LF	\$16.65	\$26,839.8
10 .	CONSTRUCT 12" SANITARY SEWER PIPE	586.81 LF	\$21.25	\$12,469.7
11 .	BORE AND JACK 18" STEEL CASING W/12" DUCTILE IRON PIPE	360.00 LF	\$270.00	\$97,200.0
12 .	CONSTRUCT 54" I.D. SANITARY MANHOLE (17 EA)	188.87 VF	\$282.75	\$53,402.9
13 .	CONSTRUCT EXTENDED MANHOLE RING COLLAR	14.00 EA	\$285.00	\$3,990.0
14 .	CONSTRUCT EXTERNAL FRAME SEAL	14.00 EA	\$345.00	\$4,830.0
15 .	CONSTRUCT 12" CONNECTION TO EXISTING STRUCTURE	1.00 EA	\$225.00	\$225.0
16 .	CONSTRUCT 8" PIPE BEDDING	1,207.00 LF	\$3.10	\$3,741.7
17 .	CONSTRUCT 10" PIPE BEDDING	399.45 LF	\$3.50	\$1,398.0
18.	CONSTRUCT 12" PIPE BEDDING	0.00 LF	\$5.00	\$0.0
19 .	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	548.23 TN	\$30.00	\$16,446.9
20 .	EXCAVATION FOR EXTRA DEEP SANITARY SEWER	932.00 VF-LF	\$9.55	\$8,900.6
20 .	CONSTRUCT SILT FENCE	0.00 LF	\$2.00	\$0.0
22 .	CLEANOUT SILT FENCE	0.00 LF	\$2.00 \$0.50	\$0.0 \$0.0
22 .	EXPLORATORY EXPLORATION	3.00 HR	\$0.50 \$370.00	\$0.0 \$1,110.0
25 .	ALTERNATE NO. 1	3.00 FIR	\$370.00	\$1,110.0
24 .	ADD ALTERNATE TO REPLACE MANHOLE S02 WITH SAMPLING MANHOLE PER CHANGE ORDER NO. 1	1.00 LS	\$18,537.70	\$18,537.7
25 .	CONSTRUCT 18" R.C.P. CLASS III	55.00 LF	\$40.80	\$2,244.0
26 .	CONSTRUCT 24" R.C.P. CLASS III	208.00 LF	\$42.55	\$8,850.4
27 .	CONSTRUCT 18" PIPE BEDDING	55.00 LF	\$5.15	\$283.2
28 .	CONSTRUCT 24" PIPE BEDDING	208.00 LF	\$5.45	\$1,133.6
	PER CHANGE ORDER NO. 2			
29 .	REMOVE AND REPLACE UNSUITABLE MATERIAL	3,234.00 CY	\$6.65	\$21,506.1
00	PER CHANGE ORDER NO. 3	40.00.40	#007.00	#40.7E0.0
30 .	NRD MIX WITH STRAW MULCH	10.90 AC	\$987.00	\$10,758.3
31.	LOW GROW NATIVE GRASS WITH MULCH	0.30 AC	\$1,491.00	\$447.3
32 .	EROSION BLANKET	1,300.00 SY	\$1.15	\$1,495.0
••	PER CHANGE ORDER NO. 4	C 00 FA	640.00	*040.0
33 .	ANTI-SEEP COLLARS	6.00 EA	\$40.00	\$240.0
34 .	SAMPLING MANHOLE MODIFICATION	1.00 LS	\$120.75	\$120.7
35 .	PER CHANGE ORDER NO. 5 OVER DEPTH EXCAVATION	1,693.24 LF-VF	\$7.50	\$12,699.3
		·		
-	C	onstruction Costs:		\$374,974.6
		Soft Costs		
		Engineering	Design, Construction	
		Admin:		\$77,126.6
		Testing:		\$10,788.3
		g.		7,. 30.0
		Review Fee	1	\$3.730 f
		Review Fee Legal:	:	· ·
		Review Fee Legal: Fiscal:	:	\$3,730.8 \$18,748.7 \$25,224.4

Total Soft Costs:

Total Costs:

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\$184,175.42 \$559,150.04

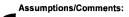
OUTFALL SEWER EASEMENT ACQUISITION



FINAL UPDATED SOFT COSTS TO 5/6/15

	···	Bid Item Description	Approximate Quantity U	nit Unit Price	Total
1.	SEIBOLD FARMS, LLC		1 LS	\$20,164.38	\$20,164.38
		and the second s	Estimated Costs:		\$20,164.38
			Sol	ft Costs	
			Leg Fisc Inte		\$403.29 \$1,089.06 \$2,485.42
			Total Soft Costs:		\$3,977.77
			Total Costs:		\$24,142.15

SANITARY SEWER - INTERIOR G.O.





		Approximate		
	Bid Item Description	Quantity Unit	Unit Price	Total
1.	CLEARING AND GRUBBING GENERAL	0.00 LS	\$0.00	\$0.00
2.	CONSTRUCT 6" SANITARY SEWER PIPE	0.00 LF	\$13.50	\$0.00
3.	CONSTRUCT 8" SANITARY SEWER PIPE	0.00 LF	\$13,75	\$0.00
4.	CONSTRUCT 54" I.D. SANITARY MANHOLE (25 EA)	0.00 VF	\$260,00	\$0.00
5.	CONSTRUCT 8" X 6" WYE	0.00 EA	\$75.00	\$0.00
6.	CONSTRUCT 6" MANHOLE STUBOUT	0.00 EA	\$42.00	\$0.00
7.	CONSTRUCT 6" PIPE BEDDING	0.00 LF	\$3.00	\$0.00
8.	CONSTRUCT 8" PIPE BEDDING	0.00 LF	\$3.00	\$0.00
9.	CONSTRUCT MANHOLE RING COLLAR	0.00 EA	\$275,00	\$0,00
10 .	CONSTRUCT EXTERNAL FRAME SEAL	0.00 EA	\$367.00	\$0.00
11.	STABILIZE TRENCH W/ CRUSHED LIMESTONE	0.00 TN	\$24.00	\$0.00
12.	CONSTRUCT SILT FENCE	0.00 LF	\$1.50	\$0.00
13 .	CLEANOUT SILT BASIN	0,00 CY	\$1.00	\$0.00
14 .	CLEANOUT SILT FENCE	0.00 LF	\$0.50	\$0.00
15.	CONSTRUCT ROCK ACCESS ROAD	0.00 TN	\$15.00	\$0.00
	PER CHANGE ORDER NO. 1			
16 .	SEED TYPE "TEMPORARY"	0.00 AC	\$220.00	\$0.00
		Construction Costs:		\$0.00
		Soft Costs		
			Design, Construction	
			echnical & Testing	\$0.00
		Testing:		\$0.00
		Review Fee:		\$0.00
		Legal:		\$0.00
		Fiscal:		\$0.00
		Interest:	<u></u>	\$0.00
		Total Soft Costs:		\$0.00
		Total Costs:		\$0.00

SANITARY SEWER - OUTFALL REIMBURSABLE





	Bid Item Description	Approximate Quantity Unit	Unit Price	Tota
1.	CLEARING AND GRUBBING GENERAL	1.00 LS	\$18,555,00	\$18,555.00
2.	CLEARING AND GRUBBING GENERAL CLEARING AND GRUBBING TREES OVER 9" TO 18" DIAMETER	40.00 EA		
		40.00 EA 58.66 SY	\$185.00	\$7,400.00
3.	REMOVE PAVEMENT REMOVE FENCE	· ·	\$5.50	\$322.63
4.		257.50 LF	\$2.70	\$695.2
5.	REMOVE AND REPLACE FENCE	581.20 LF	\$10.05	\$5,841.00
6.	REMOVE, SALVAGE AND REINSTALL FENCE	148,00 LF	\$27.15	\$4,018.20
7.	REMOVE 12" MANHOLE STUBOUT	1,00 EA	\$715.00	\$715.00
8.	CONSTRUCT 8" SANITARY SEWER PIPE	2,004.00 LF	\$14.25	\$28,557.0
9.	CONSTRUCT 10" SANITARY SEWER PIPE	1,612.00 LF	\$16.65	\$26,839.80
10.	CONSTRUCT 12" SANITARY SEWER PIPE	586.81 LF	\$21.25	\$12,469.7
11.	BORE AND JACK 18" STEEL CASING W/12" DUCTILE IRON PIPE	360.00 LF	\$270.00	\$97,200.0
2.	CONSTRUCT 54" I.D. SANITARY MANHOLE (17 EA)	188.87 VF	\$282.75	\$53,402.9
13.	CONSTRUCT EXTENDED MANHOLE RING COLLAR	14.00 EA	\$285.00	\$3,990.00
14	CONSTRUCT EXTERNAL FRAME SEAL	14.00 EA	\$345.00	\$4,830.00
15.	CONSTRUCT 12" CONNECTION TO EXISTING STRUCTURE	1.00 EA	\$225.00	\$225.00
16.	CONSTRUCT 8" PIPE BEDDING	1,207.00 LF	\$3.10	\$3,741.70
7.	CONSTRUCT 10" PIPE BEDDING	399.45 LF	\$3.50	\$1,398.0
8.	CONSTRUCT 12" PIPE BEDDING	0.00 LF	\$5.00	\$0.0
19.	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	548.23 TN	\$30.00	\$16,446.9
20 .	EXCAVATION FOR EXTRA DEEP SANITARY SEWER	932.00 VF-LF	\$9.55	\$8,900.60
21 .	CONSTRUCT SILT FENCE	0.00 LF	\$2.00	\$0.0
22 .	CLEANOUT SILT FENCE	0,00 LF	\$0.50	\$0.00
23 .	EXPLORATORY EXPLORATION	3,00 HR	\$370.00	\$1,110.00
	ALTERNATE NO. 1			
24 .	ADD ALTERNATE TO REPLACE MANHOLE S02 WITH SAMPLING MANHOLE PER CHANGE ORDER NO. 1	1.00 LS	\$18,537.70	\$18,537.70
25 .	CONSTRUCT 18" R.C.P. CLASS III	55,00 LF	\$40.80	\$2,244.00
26 .	CONSTRUCT 24" R.C.P. CLASS III	208.00 LF	\$42.55	\$8,850,40
27 .	CONSTRUCT 18" PIPE BEDDING	55.00 LF	\$5,15	\$283,2
28 .	CONSTRUCT 24" PIPE BEDDING	208.00 LF	\$5.45	\$1,133.6
	PER CHANGE ORDER NO. 2		•	* - ,
29 .	REMOVE AND REPLACE UNSUITABLE MATERIAL	3,234.00 CY	\$6.65	\$21,506,10
	PER CHANGE ORDER NO. 3	0,204,00 01	40.00	421,000.11
30 .	NRD MIX WITH STRAW MULCH	10.90 AC	\$987.00	\$10,758,30
31.	LOW GROW NATIVE GRASS WITH MULCH	0.30 AC	\$1,491.00	\$447.3
32 .	EROSION BLANKET	1,300.00 SY	\$1.15	\$1,495.0
JZ .	PER CHANGE ORDER NO. 4	1,500.00 01	\$1.15	Ψ1,400.0
33 .	ANTI-SEEP COLLARS	6.00 EA	\$40,00	\$240.0
33 . 34 .	SAMPLING MANHOLE MODIFICATION	1.00 LS	\$120.75	\$120.7
, → .	PER CHANGE ORDER NO. 5	1,00 L3	Ψ120.10	Ψ120.7
35 .	OVER DEPTH EXCAVATION	1,693.24 LF-VF	\$7.50	\$12,699.3

Soft Costs

Engineering Design, Construction	
Admin:	\$77,126.67
Testing:	\$10,788.35
Review Fee:	\$3,730.86
Legal;	\$18,748.73
Fiscal:	\$25,224.45
Interest:	\$48,556.36

Total Soft Costs:

\$184,175.42

Total Costs:

\$559,150.04

OUTFALL SEWER EASEMENT ACQUISITION - REIMBURSABLE

Assumptions/Comments:

FINAL

		Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	SEIBOLD FARMS, LLC		1	LS	\$20,164.38	\$20,164.38
			Estimated Costs:			\$20,164.38
				Soft Costs		
				Legal: Fiscal: Interest:		\$403.29 \$1,089.06 \$2,485.42
			Total Soft Costs:			\$3,977.77
			Total Costs:			\$24,142.15

STORM SEWER

_Assumptions/Comments:



Engin Admin Testin Reviev		Tota
2. REMOVE SEVER PIPE 3. CONSTRUCT 38" R.C.P., CLASS III 4. CONSTRUCT 38" R.C.P., CLASS III 54.00 LF 5. CONSTRUCT 38" R.C.P., D(0.01) = 1,350 6. CONSTRUCT 38" R.C.P., D(0.01) = 1,350 6. CONSTRUCT 38" R.C.P., D(0.01) = 1,350 7. CONSTRUCT 38" R.C.P., D(0.01) = 1,350 7. CONSTRUCT 60" R.C.P., D(0.01) = 1,350 7. CONSTRUCT 72" I.D. MANHOLE (16 EA) 7. CONSTRUCT 74" I.D. TYPE II AREA INLET (2 EA) 7. CONSTRUCT 74" I.D. TYPE II AREA INLET (2 EA) 7. CONSTRUCT 74" I.D. TYPE II AREA INLET (3 EA) 7. CONSTRUCT 74" I.D. TYPE II AREA INLET (3 EA) 7. CONSTRUCT 74" I.D. TYPE II AREA INLET (3 EA) 7. CONSTRUCT 74" IPPE BEDDING 7. CONSTRUCT 34" IPPE BEDDING 7. CONSTRUCT 35" IPPE BEDDING 7. SEDDING 7. SEDDING 7. SEDING 7.	A F 000 00	AT 000 0
3. CONSTRUCT 18" R.C.P., CLASS III 543.00 LF 5. CONSTRUCT 20" R.C.P., D(0.01) = 1,350	\$5,000.00	\$5,000.00
4. CONSTRUCT 36" R.C.P., CLASS III 6. CONSTRUCT 36" R.C.P., D(0,01) = 1,350 6. CONSTRUCT 36" R.C.P., D(0,01) = 1,350 7. CONSTRUCT 36" R.C.P., D(0,01) = 1,350 8. CONSTRUCT 42" R.C.P., D(0,01) = 1,350 9. CONSTRUCT 60" R.C.P., D(0,01) = 1,350 183.00 LF 10. CONSTRUCT 60" R.C.P., D(0,01) = 1,350 183.00 LF 11. CONSTRUCT 72" I.D. MANHOLE (1 EA) 12. CONSTRUCT 72" I.D. MANHOLE (1 EA) 12. CONSTRUCT 72" I.D. MANHOLE (1 EA) 13. CONSTRUCT 74" I.D. MANHOLE (1 EA) 14. CONSTRUCT 72" I.D. MANHOLE (1 EA) 15. CONSTRUCT 74" I.D. TYPE II AREA INLET (2 EA) 16. GONSTRUCT 54" I.D. TYPE II AREA INLET (3 EA) 17. CONSTRUCT 74" I.D. TYPE II AREA INLET (3 EA) 18. CONSTRUCT 74" I.D. TYPE II AREA INLET (3 EA) 19. CONSTRUCT 34" I.D. TYPE II AREA INLET (3 EA) 19. CONSTRUCT 34" I.D. TYPE II AREA INLET (3 EA) 19. CONSTRUCT 34" I.D. TYPE II AREA INLET (3 EA) 19. CONSTRUCT 34" I.D. TYPE II AREA INLET (3 EA) 19. CONSTRUCT 36" I.D. TYPE II BEDDING 10. CONSTRUCT 36" I.D. TYPE II TYPE I	\$12.41 \$21.02	\$0.00 \$15,241.3
5. CONSTRUCT 30° R.C.P., D(0.01) = 1,350 6. CONSTRUCT 42° R.C.P., D(0.01) = 1,350 7. CONSTRUCT 42° R.C.P., D(0.01) = 1,350 8. CONSTRUCT 48° R.C.P., D(0.01) = 1,350 9. CONSTRUCT 48° R.C.P., D(0.01) = 1,350 10. CONSTRUCT 54° I.D. MANHOLE (4 EA) 11. CONSTRUCT 54° I.D. MANHOLE (4 EA) 12. CONSTRUCT 54° I.D. MANHOLE (1 EA) 12. CONSTRUCT 54° I.D. MANHOLE (1 EA) 13. CONSTRUCT 54° I.D. MANHOLE (1 EA) 14. CONSTRUCT 72° I.D. MANHOLE (1 EA) 15. CONSTRUCT 72° I.D. TYPE II AREA INLET (2 EA) 16. CONSTRUCT 72° I.D. TYPE II AREA INLET (3 EA) 17. CONSTRUCT 72° I.D. TYPE II AREA INLET (3 EA) 18. CONSTRUCT 18° PIPE BEDDING 19. CONSTRUCT 18° PIPE BEDDING 19. CONSTRUCT 30° PIPE BEDDING 20. CONSTRUCT 30° PIPE BEDDING 21. CONSTRUCT 30° PIPE BEDDING 22. CONSTRUCT 30° PIPE BEDDING 23. CONSTRUCT 30° PIPE BEDDING 24. CONSTRUCT 30° PIPE BEDDING 25. CONSTRUCT 30° PIPE BEDDING 26. CONSTRUCT 30° PIPE BEDDING 27. CONSTRUCT 30° PIPE BEDDING 28. CONSTRUCT 30° PIPE BEDDING 29. CONSTRUCT 30° PIPE BEDDING 20. CONSTRUCT 30° PIPE BEDDING 20. CONSTRUCT 30° PIPE BEDDING 21. CONSTRUCT 30° PIPE BEDDING 22. CONSTRUCT 30° PIPE BEDDING 23. CONSTRUCT 30° PIPE BEDDING 24. CONSTRUCT 30° PIPE BEDDING 25. STABILIZE TRENCH W/ CRUSHED INLET DIVERSION 26. STABILIZE TRENCH W/ CRUSHED INLET DIVERSION 27. SEEDING - TYPE "DRAINAGEWAYS" 28. SEEDING - TYPE "DRAINAGEWAYS" 29. SEEDING - TYPE "DRAINAGEWAYS" 20. SEEDING - TYPE "DRAINAGEWAYS" 20. SEEDING - TYPE "DRAINAGEWAYS" 21. SEEDING - TYPE "DRAINAGEWAYS" 22. SEEDING - TYPE "DRAINAGEWAYS" 23. SEEDING - TYPE "DRAINAGEWAYS" 24. CONSTRUCT GABION AND REVET MATTRESS 25. SEEDING - TYPE "DRAINAGEWAYS" 26. SEEDING - TYPE "DRAINAGEWAYS" 27. SEEDING - TYPE "DRAINAGEWAYS" 28. SEEDING - TYPE "DRAINAGEWAYS" 29. SEEDING - TYPE "DRAINAGEWAYS" 29. SEEDING - TYPE "DRAINAGEWAYS" 20. SEEDING - TYPE "DRAINAGEWAYS" 20. SEEDING - TYPE TO SAN THE TO	\$21.93 \$28.52	\$15,241.3 \$15,486.3
6. CONSTRUCT 38" R.C.P., D(0.01) = 1,350 7. CONSTRUCT 48" R.C.P., D(0.01) = 1,350 8. CONSTRUCT 48" R.C.P., D(0.01) = 1,350 9. CONSTRUCT 60" R.C.P., D(0.01) = 1,350 10. CONSTRUCT 60" R.C.P., D(0.01) = 1,350 11. CONSTRUCT 60" R.C.P., D(0.01) = 1,350 11. CONSTRUCT 72" I.D. MANHOLE (4 EA) 12. 3.54 VF 11. CONSTRUCT 72" I.D. MANHOLE (4 EA) 12. CONSTRUCT 54" I.D. TYPE II AREA INLET (2 EA) 13. CONSTRUCT 54" I.D. TYPE II AREA INLET (2 EA) 14. CONSTRUCT 54" I.D. TYPE II AREA INLET (3 EA) 15. CONSTRUCT 54" I.D. TYPE II AREA INLET (3 EA) 16. CONSTRUCT 60" I.D. TYPE II AREA INLET (3 EA) 17. CONSTRUCT 32" I.D. TYPE II AREA INLET (3 EA) 18. CONSTRUCT 32" I.D. TYPE II AREA INLET (3 EA) 19. CONSTRUCT 32" I.D. TYPE II AREA INLET (3 EA) 19. CONSTRUCT 32" I.D. TYPE II AREA INLET (3 EA) 19. CONSTRUCT 33" I.D. TYPE II AREA INLET (3 EA) 19. CONSTRUCT 34" I.D. TYPE I.	\$37.75	\$32,880.2
7. CONSTRUCT 42" R.C.P., D(0.01) = 1,350	\$48.95	\$32,080.2 \$32,111.2
8. CONSTRUCT 48" R.C.P., D(001) = 1,350 9. CONSTRUCT 67" R.C.P., D(001) = 1,350 183.00 LF 10. CONSTRUCT 54" I.D, MANHOLE (4 EA) 11. CONSTRUCT 72" I.D, MANHOLE RING COLLAR 12. CONSTRUCT 54" I.D, TYPE II AREA INLET (2 EA) 13. CONSTRUCT 54" I.D, TYPE II AREA INLET (2 EA) 14. CONSTRUCT 54" I.D, TYPE II AREA INLET (3 EA) 15. CONSTRUCT 54" I.D, TYPE II AREA INLET (3 EA) 16. CONSTRUCT MODIFIED CURB INLET 17. CONSTRUCT 30" PIPE BEDDING 18. CONSTRUCT 30" PIPE BEDDING 19. CONSTRUCT 30" PIPE BEDDING 19	\$67.85	\$28,632.7
9. CONSTRUCT 60° R.C.P., D(0.01) = 1,350 10. CONSTRUCT 54° LD, MANHOLE (4 EA) 23.54 VF 11. CONSTRUCT 72° LD, MANHOLE (1 EA) 21. CONSTRUCT MANHOLE RING COLLAR 21. CONSTRUCT MANHOLE RING COLLAR 22. CONSTRUCT MANHOLE RING COLLAR 24. 78 VF 25. CONSTRUCT 72° LD, TYPE II AREA INLET (2 EA) 26. CONSTRUCT 72° LD, TYPE II AREA INLET (3 EA) 27. VA	\$80.78	\$5,896,9
10. CONSTRUCT 54" I.D. MANHOLE (4 EA) 23.54 VF 12. CONSTRUCT 72" I.D. MANHOLE (1 EA) 7.80 VF 12. CONSTRUCT 34" I.D. TYPE II AREA INLET (2 EA) 16.88 VF 16.00 STRUCT 54" I.D. TYPE II AREA INLET (3 EA) 16.88 VF 16.00 STRUCT 72" I.D. TYPE II AREA INLET (3 EA) 24.78 VF 15. CONSTRUCT 72" I.D. TYPE II AREA INLET (3 EA) 24.78 VF 16. CONSTRUCT 30" PIPE BEDDING 565.00 LF 655.00 LF	\$120.30	\$22,014.9
11. CONSTRUCT 72" I.D. MANHOLE (1 EA) 7.80 VF	\$357.02	\$8,404.2
12. CONSTRUCT 54" I.D. TYPE II AREA INLET (2 EA)	\$427.49	\$3,248.9
13. CONSTRUCT 54" I.D. TYPE AREA INLET (2 EA) 24.78 VF 14. CONSTRUCT 72" I.D. TYPE AREA INLET (3 EA) 24.78 VF 15. CONSTRUCT 16" PIPE BEDDING 695.00 LF 16. CONSTRUCT 16" PIPE BEDDING 695.00 LF 17. CONSTRUCT 37" PIPE BEDDING 695.00 LF 18. CONSTRUCT 37" PIPE BEDDING 695.00 LF 19. CONSTRUCT 37" PIPE BEDDING 695.00 LF 19. CONSTRUCT 37" PIPE BEDDING 695.00 LF 19. CONSTRUCT 42" PIPE BEDDING 695.00 LF 20. CONSTRUCT 42" PIPE BEDDING 73.00 LF 21. CONSTRUCT 45" PIPE BEDDING 73.00 LF 22. CONSTRUCT 65" R.C. FLARED END SECTION W/BAR GRATE 2.00 EA 22. CONSTRUCT 65" R.C. FLARED END SECTION W/BAR GRATE 2.00 EA 24. CONSTRUCT 65" R.C. FLARED END SECTION W/BAR GRATE 2.00 EA 25. STABILIZE TRENCH W/ CRUSHED LIMESTONE 0.00 TN 26. ROLLED EROSION CONTROL, TYPE II 4,900.00 SY 27. SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED" 0.93 AC 28. SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED" 0.99 AC 20. CONSTRUCT GOSION AND REVET MATTRESS 2.230 CY 20. CONSTRUCT GOSION AND REVET MATTRESS 2.230 CY 30. CONSTRUCT ROCK RIP-RAP - TYPE "C" 108.00 TON 31. REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 1.00 LS 32. CONSTRUCT SANITARY SWEET PIPE 28.00 LF 34. CONSTRUCT 8" ASAINTARY SWEET PIPE 28.00 LF 35. 9.48" DEEP 1.00 EA 36. CURB INLET DOZF - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 36. CURB INLET DOZF - BIRDBATH INLET 48" UP (60" PIPE) - 7.49" DEEP 1.00 EA 37. CURB INLET DOZF - BIRDBATH INLET 48" UP (60" PIPE) - 7.49" DEEP 1.00 EA 38. CURB INLET DOZF - BIRDBATH INLET 48" UP (60" PIPE) - 7.49" DEEP 1.00 EA 39. GABION BASKET MATERIAL 1.00 LS CONSTRUCT STABLED SHORD SHATH INLET 48" UP (60" PIPE) - 7.49" DEEP 1.00 EA 39. GABION BASKET MATERIAL 1.00 LS 20. CONSTRUCT STABLED SHORD SHATH INLET 48" UP (60" PIPE) - 7.49" DEEP 1.00 EA 40.00 EA 40.00 EA 40.00 EA 40.00 EA	\$243.77	\$1,218.8
14. CONSTRUCT 72" I.D. TYPE II AREA INLET (3 EA) 24.78 VF 15. CONSTRUCT MODIFIED CURB INLET 1.00 EA 16. CONSTRUCT 18" PIPE BEDDING 695.00 LF 17. CONSTRUCT 18" PIPE BEDDING 543.00 LF 18. CONSTRUCT 36" PIPE BEDDING 695.00 LF 19. CONSTRUCT 36" PIPE BEDDING 695.00 LF 19. CONSTRUCT 42" PIPE BEDDING 695.00 LF 19. CONSTRUCT 42" PIPE BEDDING 695.00 LF 19. CONSTRUCT 42" PIPE BEDDING 73.00 LF 19. CONSTRUCT 42" PIPE BEDDING 72.00 LF 21. CONSTRUCT 42" PIPE BEDDING 72.00 LF 22. CONSTRUCT 60" PIPE BEDDING 72.00 LF 22. CONSTRUCT 60" PIPE BEDDING 73.00 LF 23. CONSTRUCT 60" PIPE BEDDING 74.00 LF 24. CONSTRUCT 60" PIPE BEDDING 74.00 LF 25. STABILIZE TRENCH W/ CRUSHED INLET DIVERSION 1.00 EA 26. ROLLED EROSION CONTROL, TYPE II 4.900.00 SY 27. SEEDING - TYPE "DRAINAGEWAYS" 0.93 AC 28. SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED" 0.99 AC 29. CONSTRUCT GABION AND REVET MATTRESS 22.30 CY 20. CONSTRUCT ROCK RIP-RAP - TYPE "C" 10.00 TON 31. REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 1.00 LS 20. CONSTRUCT ROCK RIP-RAP - TYPE "C" 10.00 LS 34. CONSTRUCT 8" SANITARY SWEER PIPE 28.00 LF 34. CONSTRUCT 8" SANITARY SWEER PIPE 28.00 LF 35. CONSTRUCT 8" SANITARY SWEER PIPE 28.00 LF 36. CONSTRUCT 8" SANITARY SWEER PIPE 28.00 LF 37. CURB INLET DO27 - BIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) - 1.00 EA 39. GABION BASKET MATERIAL 1.00 EA CONSTRUCT 8" SIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) - 1.00 EA 39. GABION BASKET MATERIAL 1.00 EA 40.00 EA	\$244,47	\$4,151.1
15. CONSTRUCT MODIFIED CURB INLET	\$503.78	\$12,483.6
16	\$1,466.62	\$1,466.6
17. CONSTRUCT 24" PIPE BEDDING 543.00 LF 18. CONSTRUCT 30" PIPE BEDDING 655.00 LF 19. CONSTRUCT 30" PIPE BEDDING 655.00 LF 19. CONSTRUCT 32" PIPE BEDDING 655.00 LF 20. CONSTRUCT 42" PIPE BEDDING 73.00 LF 21. CONSTRUCT 60" PIPE BEDDING 73.00 LF 22. CONSTRUCT 60" PIPE BEDDING 73.00 LF 22. CONSTRUCT 60" PIPE BEDDING 73.00 LF 23. CONSTRUCT 60" P.C. FLARED END SECTION W/BAR GRATE 2.00 EA 24. CONSTRUCT TEMPORARY 15" HDPE INLET DIVERSION 1.00 EA 25. STABILIZE TRENCH W/ CRUSHED LIMESTONE 0.00 TN 26. ROLLED EROSION CONTROL, TYPE II 4,800.00 SY 27. SEEDING - TYPE "DRAINAGEWAYS" 0.93 AC 28. SEEDING - TYPE "ORNINAGEWAYS" 0.93 AC 29. CONSTRUCT GABION AND REVET MATTRESS 22.30 CY 20. CONSTRUCT GABION AND REVET MATTRESS 22.30 CY 30. CONSTRUCT ROCK RIP-RAP - TYPE "C" 108.00 TON 31. REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 1.00 LS 32. CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION 1.00 LS 33. CONSTRUCT 8" PIPE BEDDING 28.00 LF 34. CONSTRUCT 8" PIPE BEDDING 28.00 LF 34. CONSTRUCT 8" PIPE BEDDING 28.00 LF 35. 9.48" DEEP 28.00 LF 36. CURB INLET DO27 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (80" PIPE) - 36. CURB INLET DO27 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (80" PIPE) - 36. CURB INLET DO27 - BIRDBATH INLET 48" UP (80" PIPE) - 7.49" DEEP 1.00 EA 36. CURB INLET DO3 - BIRDBATH INLET 48" UP (80" PIPE) - 7.49" DEEP 1.00 EA 37. CURB INLET DO3 - BIRDBATH INLET 42" UP (80" PIPE) - 7.49" DEEP 1.00 EA 38. CURB INLET DO3 - BIRDBATH INLET 42" UP (80" PIPE) - 7.49" DEEP 1.00 EA 39. GABION BASKET MATERIAL 1.00 LS 1.00 EA	\$3.22	\$2,237.9
18	\$4.15	\$2,253.4
19	\$5.17	\$4,503.0
20. CONSTRUCT 42" PIPE BEDDING 21. CONSTRUCT 48" PIPE BEDDING 22. CONSTRUCT 60" PIPE BEDDING 23. CONSTRUCT 60" PIPE BEDDING 24. CONSTRUCT 60" P.C., FLARED END SECTION W/BAR GRATE 25. STABILIZE TRENCH W/ CRUSHED LIMESTONE 26. ROLLED EROSION CONTROL, TYPE II 27. SEEDING - TYPE "DRAINAGEWAYS" 28. SEEDING - TYPE "DRAINAGEWAYS" 29. CONSTRUCT GABION AND REVET MATTRESS 20. CONSTRUCT GABION AND REVET MATTRESS 21. OOSTRUCT GABION AND REVET MATTRESS 22. SOCY 20. CONSTRUCT GOK IRIP-AR - TYPE "C" 21. REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 21. OOSTRUCT REFE FOR REIMBURSEMENT COORDINATION 23. CONSTRUCT SEED NO. 1 24. CONSTRUCT 8" SANITARY SWEER PIPE 25. CONSTRUCT 8" SANITARY SWEER PIPE 26. CONSTRUCT 8" SANITARY SWEER PIPE 27. SEEDING - TYPE "DIPE BEDDING 28. CONSTRUCT 8" SENDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) - 36. J. 48" DEEP 27. CURB INLET DO27 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 37. CURB INLET DO27 - BIRDBATH INLET 48" UP (60" PIPE) - 38. CURB INLET DO3 - BIRDBATH INLET 48" UP (60" PIPE) - 39. GABION BASKET MATERIAL 20. CONSTRUCTION COSTS: 20. CONSTRUCT OST BERDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 39. GABION BASKET MATERIAL 20. CONSTRUCTION COSTS: 20. CONSTRUCTION COSTS: 20. CONSTRUCTION COSTS: 20. CONSTRUCT OST BERDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 30. CONSTRUCT OST BERDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 30. CONSTRUCT OST BERDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 30. CONSTRUCT OST BERDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 30. CONSTRUCT OST BERDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 30. CONSTRUCT OST BERDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 30. CONSTRUCT OST BERDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 30. CONSTRUCT OST BERDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 30. CONSTRUCT OST BERDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 30. CONSTRUCT OST BERDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 30. CONSTRUCT OST BERDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 30. CONSTRUCT OST BERDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 30. CONSTRUCT OST BERDBATH O	\$6.26	\$4,106.5
21. CONSTRUCT 48" PIPE BEDDING 22. CONSTRUCT 60" PIPE BEDDING 23. CONSTRUCT 60" R.C. FLARED END SECTION W/BAR GRATE 24. CONSTRUCT TEMPORARY 15" HOPE INLET DIVERSION 25. STABILIZE TRENCH W/ CRUSHED LIMESTONE 26. ROLLED EROSION CONTROL, TYPE II 27. SEEDING - TYPE "DRAINAGEWAYS" 28. SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED" 29. CONSTRUCT GABION AND REVET MATTRESS 20.0 CONSTRUCT ROCK RIP-RAP - TYPE "C" 20.1 REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 21. CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION 22. CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION 23. CONSTRUCT 8" SANITARY SWEER PIPE 24. CONSTRUCT 8" PIPE BEDDING 25. 9.48" DEEP 26. 12.86" DEEP 27. CURB INLET DO27 - BIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) - 1.00 EA 28. DD PER CHANGE ORDER NO. 2 28. CURB INLET DO27 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 1.00 EA 29. CURB INLET DO3 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 1.00 EA 29. CURB INLET DO4 - BIRDBATH INLET 48" UP (60" PIPE) - 8.07" DEEP 29. CURB INLET DO4 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 29. GABION BASKET MATERIAL 20. LS CONSTRUCT 8" SANITARY SWEEN SUPER SANITARY SWEEN SANITARY SWE	\$7.42	\$3,131.2
22. CONSTRUCT 60" PIPE BEDDING 23. CONSTRUCT 60" R.C. FLARED END SECTION W/BAR GRATE 24. CONSTRUCT TEMPORARY 15" HOPE INLET DIVERSION 25. STABILIZE TRENCH W/ CRUSHED LIMESTONE 26. ROLLED EROSION CONTROL, TYPE II 27. SEEDING - TYPE "DRAINAGEWAYS" 28. SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED" 29. CONSTRUCT GABION AND REVET MATTRESS 20. CONSTRUCT GABION AND REVET MATTRESS 21. CONSTRUCT GABION AND REVET MATTRESS 22. 30 CY 261. REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 262. CONSTRUCT GROWN SEED TO 100 LS 263. CONSTRUCT SEED TO 100 LS 264. CONSTRUCT SEED TO 100 LS 265. CONSTRUCT SEED TO 100 LS 266. CONSTRUCT SEED TO 100 LS 267. CONSTRUCT SEED TO 100 LS 268. SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED" 269. CONSTRUCT SEED TO 100 LS 269. CONSTRUCT SEED TO 100 LS 260. CONSTRUCT SEED TO 100 LS 261. REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 262. CONSTRUCT SEED TO 100 LS 263. CONSTRUCT SEED TO 100 LS 264. CONSTRUCT SEED TO 100 LS 265. CONSTRUCT SEED TO 100 LS 266. LEED TO 100 LS 267. CONSTRUCT SEED TO 100 LS 268. DEEP CURB INLET D028 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 100 EA 268. LEEP CURB INLET D027 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 100 EA 269. CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 100 EA 269. CURB INLET D04 - BIRDBATH INLET 48" UP (60" PIPE) - 7.49" DEEP 100 EA 269. GABION BASKET MATERIAL 27. CONSTRUCT CONS	\$8.67	\$632.9
23. CONSTRUCT 60" R.C. FLARED END SECTION W/BAR GRATE 24. CONSTRUCT TEMPORARY 15" HDPE INLET DIVERSION 1.00 EA 24. CONSTRUCT TEMPORARY 15" HDPE INLET DIVERSION 1.00 EA 25. STABILIZE TRENCH W/ CRUSHED LIMESTONE 0.00 TN 26. ROLLED EROSION CONTROL, TYPE II 4,900.00 SY 27. SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED" 0.93 AC 28. SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED" 0.09 AC 29. CONSTRUCT GABION AND REVET MATTRESS 22.30 CY 30. CONSTRUCT GABION AND REVET MATTRESS 108.00 TON 31. REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 1.00 LS 32. CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION 1.00 LS 33. CONSTRUCT 8" SANITARY SWEER PIPE 34. CONSTRUCT 8" SANITARY SWEER PIPE 28.00 LF 34. CONSTRUCT 8" PIPE BEDDING ADD PER CHANGE ORDER NO. 2 CURB INLET D028 - BIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) - 36. 12.68" DEEP 20. CURB INLET D027 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 37. CURB INLET D03 - BIRDBATH HINLET 48" UP (60" PIPE) - 8.07" DEEP 38. CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 39. GABION BASKET MATERIAL 2.00 EA 2.00 LF 2.00 LS CONSTRUCT 6" SANITARY SWEER PIPE 3.00 EA 3. CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 3. 1.00 EA 3. CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 3. CONSTRUCT 6" SANITARY SWEER PIPE BEDING BASKET MATERIAL 3. CONSTRUCT 6" SANITARY SWEER PIPE BEDING BASKET MATERIAL 3. CONSTRUCT 6" SANITARY SWEER PIPE BEDING BASKET MATERIAL 3. CONSTRUCT 6" SANITARY SWEER PIPE BEDING BASKET MATERIAL 3. CONSTRUCT 6" SANITARY SWEER PIPE BEDING BASKET MATERIAL 3. CONSTRUCT 6" SANITARY SWEER PIPE 3. CONSTRUCT 6" SANITARY SWEER PIPE 4. CONSTRUCT 6" SANITARY SWEER PIPE 5. CONSTRUCT 6" SANITARY SWEER PIPE 6. CONSTRUCT 6" SANITARY SWEER PIPE 7. CONSTRUCT 6" SANITARY SWEER PIPE 7. CONSTRUCT 6" SANITARY SWEER PIPE 8. CONSTRUCT 6" SANITARY SWEER PIPE 9. CON	\$11.38	\$2,173.5
24. CONSTRUCT TEMPORARY 15" HDPE INLET DIVERSION 25. STABILIZE TRENCH W/ CRUSHED LIMESTONE 26. ROLLED EROSION CONTROL, TYPE II 4,900,00 SY 27. SEEDING - TYPE "DRAINAGEWAYS" 28. SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED" 29. CONSTRUCT GABION AND REVET MATTRESS 20. CONSTRUCT ROCK RIP-RAP - TYPE "C" 30. CONSTRUCT ROCK RIP-RAP - TYPE "C" 31. REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 32. CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION 33. CONSTRUCT 8" SANITARY SWEER PIPE 34. CONSTRUCT 8" SANITARY SWEER PIPE 35. Q.48" DEEP CURB INLET D028 - BIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) - 36. 12.68" DEEP CURB INLET D027 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 37. CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 38. CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 39. GABION BASKET MATERIAL CONSTRUCTION - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP CONSTRUCT BOOK - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP CONSTRUCT BOOK - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP CONSTRUCT BOOK - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP CONSTRUCT BOOK - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP CONSTRUCTION COSTS: Estim Engine Adminia Festiin Engine Adminia Festiin Engine Adminia Festiin Engine Adminia	\$2,827.76	\$5,655.5
25 . STABILIZE TRENCH W/ CRUSHED LIMESTONE 26 . ROLLED EROSION CONTROL, TYPE II 27 . SEEDING - TYPE "DRAINAGEWAYS" 28 . SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED" 39 . CONSTRUCT GABION AND REVET MATTRESS 30 . CONSTRUCT GABION AND REVET MATTRESS 31 . CONSTRUCT ROCK RIP-RAP - TYPE "C" 31 . REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 32 . CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION 33 . CONSTRUCT 8" SANITARY SWEER PIPE 34 . CONSTRUCT 8" PIPE BEDDING 35 . OONSTRUCT 8" PIPE BEDDING 36 . OONSTRUCT 8" PIPE BEDDING 37 . CURB INLET D028 - BIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) - 38 . 9.48" DEEP 39 . ADD PER CHANGE ORDER NO. 2 CURB INLET D027 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 39 . CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 8.07" DEEP 39 . CURB INLET D04 - BIRDBATH INLET 48" UP (60" PIPE) - 7.49" DEEP 39 . GABION BASKET MATERIAL 30 . CONSTRUCTION COSTS: CONSTRUCTION COSTS: CONSTRUCTION COSTS: CONSTRUCT 8" PIPE BEDDING ADD PER CHANGE ORDER NO. 4 BO DEP CHANGE ORDER NO. 5 BO DE CHANGE ORDER NO. 5 BO DEP CHANGE ORDER NO. 5 BO DE	\$616,59	\$616.5
26 . ROLLED EROSION CONTROL, TYPE II 4,900.00 SY 27 . SEEDING - TYPE "DANIAGEWAYS" 0.93 AC 28 . SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED" 0.09 AC 29 . CONSTRUCT GABION AND REVET MATTRESS 2.2.30 CY 30 . CONSTRUCT ROCK RIP-RAP - TYPE "C" 198.00 TON 31 . REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 1.00 LS 32 . CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION 1.00 LS ADD PER CHANGE ORDER NO. 1 CONSTRUCT 8" SANITARY SWEER PIPE 28.00 LF ADD PER CHANGE ORDER NO. 2 CURB INLET D028 - BIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) - 36 . 9.48" OEEP 1.00 EA ADD PER CHANGE ORDER NO. 3 CURB INLET D03 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 12.68" DEEP 1.00 EA ADD PER CHANGE ORDER NO. 3 CURB INLET D04 - BIRDBATH HINLET 48" UP (60" PIPE) - 8.07" DEEP 1.00 EA ADD PER CHANGE ORDER NO. 4 GABION BASKET MATERIAL 1.00 LS CONSTRUCTION COSTS: Estim Engine Admini Testin Review	\$20,30	\$0.0
27. SEEDING - TYPE "DRAINAGEWAYS" 28. SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED" 29. CONSTRUCT GABION AND REVET MATTRESS 20. CONSTRUCT GABION AND REVET MATTRESS 20. CONSTRUCT ROCK RIP-RAP - TYPE "C" 30. CONSTRUCT ROCK RIP-RAP - TYPE "C" 31. REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 32. CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION 33. CONSTRUCT 8" SANITARY SWEER PIPE 34. CONSTRUCT 8" SANITARY SWEER PIPE 35. QADD PER CHANGE ORDER NO. 2 CURB INLET DO28 - BIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) - 36. 12.68" DEEP 37. CURB INLET DO27 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 38. CURB INLET DO3 - BIRDBATH INLET 48" UP (60" PIPE) - 8.07" DEEP 39. CURB INLET DO3 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 39. GABION BASKET MATERIAL 39. GABION BASKET MATERIAL 39. CONSTRUCT 8" TYPE "CONSTRUCT 8" TOP	\$1.06	\$5,194.0
29. CONSTRUCT GABION AND REVET MATTRESS 20. CONSTRUCT ROCK RIP-RAP - TYPE "C" 30. CONSTRUCT ROCK RIP-RAP - TYPE "C" 31. REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 32. CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION 33. CONSTRUCT 8" SANITARY SWEER PIPE 34. CONSTRUCT 8" PIPE BEDDING 35. ADD PER CHANGE ORDER NO. 2 CURB INLET D028 - BIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) - 36. 9.48' DEEP 37. CURB INLET D027 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 38. CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 8.07' DEEP 39. CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP 30. CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP 31. OD EA 32. CURB INLET D05 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP 32. CURB INLET D05 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP 39. GABION BASKET MATERIAL CONSTRUCT GOVERNO. 4 CONSTRUCT GOVERNO. 4 CONSTRUCT GOVERNO. 5 CONSTRUCT GO	\$1,025.57	\$953.7
29. CONSTRUCT GABION AND REVET MATTRESS 20. CONSTRUCT ROCK RIP-RAP - TYPE "C" 108.00 TON 108.00 TON 11.00 LS 1	\$1,311.04	\$117.9
108.00 TON 109.00 TON 109.00 TON 100 LS 109.00 TON 100 LS 10	\$233.28	\$5,202.1
22. CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION ADD PER CHANGE ORDER NO. 1 33. CONSTRUCT 8" SANITARY SWEER PIPE 34. CONSTRUCT 8" PIPE BEDDING ADD PER CHANGE ORDER NO. 2 CURB INLET D028 - BIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) - 35. 9.48" DEEP CURB INLET D027 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 36. 12.68" DEEP ADD PER CHANGE ORDER NO. 3 37. CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 8.07" DEEP 1.00 EA ADD PER CHANGE ORDER NO. 4 38. CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 1.00 EA ADD PER CHANGE ORDER NO. 4 39. GABION BASKET MATERIAL CONSTRUCTION COSTS: Estim Engine Admin Testin Review	\$39.34	\$4,248.7
ADD PER CHANGE ORDER NO. 1 33 CONSTRUCT 8" SANITARY SWEER PIPE 28.00 LF 34 CONSTRUCT 8" PIPE BEDDING 28.00 LF ADD PER CHANGE ORDER NO. 2 CURB INLET D028 - BIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) - 35 9.48" DEEP CURB INLET D027 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 12.68" DEEP ADD PER CHANGE ORDER NO. 3 37 CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 8.07' DEEP ADD PER CHANGE ORDER NO. 4 38 CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP 39 GABION BASKET MATERIAL CONSTRUCTION COSTS: Estim Engline Adminin Testiin Review	\$24,511,00	\$24,511.0
33 . CONSTRUCT 8" SANITARY SWEER PIPE 34 . CONSTRUCT 8" PIPE BEDDING 35 . QURB INLET D028 - BIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) - 35 . QURB INLET D027 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 36 . 12.68' DEEP 37 . CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 8.07' DEEP 38 . CURB INLET D03 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP 39 . GABION BASKET MATERIAL CONSTRUCT 8" PIPE BEDDING 28.00 LF 28.	\$2,800.00	\$2,800.0
34. CONSTRUCT 8" PIPE BEDDING ADD PER CHANGE ORDER NO. 2 CURB INLET D028 - BIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) - 35. 9.48" DEEP CURB INLET D027 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 36. 12.68" DEEP ADD PER CHANGE ORDER NO. 3 37. CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 8.07" DEEP CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP ADD PER CHANGE ORDER NO. 4 39. GABION BASKET MATERIAL CONSTRUCT 8" PIPE BEDDING 28.00 LF		
ADD PER CHANGE ORDER NO. 2 CURB INLET D028 - BIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) - 35 . 9.48" DEEP CURB INLET D027 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 36 . 12.68" DEEP 1.00 EA ADD PER CHANGE ORDER NO. 3 37 . CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 8.07" DEEP 1.00 EA ADD PER CHANGE ORDER NO. 4 38 . CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 1.00 EA ADD PER CHANGE ORDER NO. 4 39 . GABION BASKET MATERIAL 1.00 LS Construction Costs: Estim Engine Admin Testin Review	\$40,40	\$1,131.2
CURB INLET D028 - BIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) - 9.48" DEEP 36 . 12.68" DEEP 37 . CURB INLET D027 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 38 . CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 8.07" DEEP 39 . CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49" DEEP 39 . GABION BASKET MATERIAL CONSTRUCTION COSTS: CONSTRUCTION COSTS: Estim Engine Admin Testin Review	\$4,11	\$115.0
1.00 EA 1.00		
CURB INLET D027 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) - 12.68' DEEP ADD PER CHANGE ORDER NO. 3 37. CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 8.07' DEEP 1.00 EA CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP 1.00 EA ADD PER CHANGE ORDER NO. 4 39. GABION BASKET MATERIAL 1.00 LS Construction Costs: Estim Engine Admin Testin Review		
36. 12.68' DEEP ADD PER CHANGE ORDER NO. 3 37. CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 8.07' DEEP 38. CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP ADD PER CHANGE ORDER NO. 4 39. GABION BASKET MATERIAL Construction Costs: Estim Admin Testin Review	\$2,400.00	\$2,400.0
ADD PER CHANGE ORDER NO. 3 7. CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 8.07' DEEP 88. CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP 89. GABION BASKET MATERIAL 1.00 LS Construction Costs: Estim Engine Admin Testin Review		
37 CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 8.07' DEEP 38 CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP ADD PER CHANGE ORDER NO. 4 39 GABION BASKET MATERIAL Construction Costs: Estim Engine Admin Testin Review	\$2,015.00	\$2,015.0
CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP 1.00 EA ADD PER CHANGE ORDER NO. 4 GABION BASKET MATERIAL 1.00 LS Construction Costs: Estim Engine Admin Testin Review		
ADD PER CHANGE ORDER NO. 4 39 GABION BASKET MATERIAL 1.00 LS Construction Costs: Estim Engine Admin Testin Review	\$1,615.00	\$1,615.0
39 . GABION BASKET MATERIAL 1.00 LS Construction Costs: Estim Admin Testin Review	\$1,560.00	\$1,560.0
Construction Costs: <u>Estim</u> Engin Admin Testin		
Estim Engin Admin Testin Review	\$3,747.98	\$3,747.9
Estim Engin Admin Testin Review		\$269,159.8
Engin Admin Testin Reviev	atad Balt Casta	\$205,135.0
Admin Testin Review	ited Soft Costs	
Testin Review	ering Design, Construction	***
Review		\$66,541,
		\$1,940.
	Fee:	\$3,201.
Legal:		\$13,458.
Fiscal		\$18,670.
Interes	Ā	\$40,926.
Total Soft Costs:		\$144,737.0

Total Costs:

\$413,897.68

STORM SEWER G.O.

Assumptions/Comments:
FINAL
Items over 48" at the 48" cost.
See Below for Sarpy County Reimbursable

		Approximate			
	Bid Item Description	Quantity	Unit .	Unit Price	Total
1.	GÉNERAL GRADING AND SHAPING	1.00	LS	\$5,000,00	\$5,000,00
2.	REMOVE SEWER PIPE	0,00	LF	\$12.41	\$0,00
3.	CONSTRUCT 18" R.C.P., CLASS III	695.00	LF	\$21.93	\$15,241.35
4.	CONSTRUCT 24" R.C.P., CLASS III	543.00	LF	\$28.52	\$15,486.36
5.	CONSTRUCT 30" R.C.P., CLASS III	871.00	LF	\$37.75	\$32,880.25
6.	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	656,00	LF	\$48.95	\$32,111.20
7.	CONSTRUCT 42" R.C.P., D(0.01) = 1,350	422.00	LF	\$67.85	\$28,632.70
8.	CONSTRUCT 48" R.C.P., D(0.01) = 1,350	73,00	LF	\$80.78	\$5,896.94
9.	CONSTRUCT 60" R.C.P., D(0.01) = 1,350	183.00	LF	\$80.78	\$14,782.74
10.	CONSTRUCT 54" I.D. MANHOLE (4 EA)	23.54	VF	\$357.02	\$8,404.25
11.	CONSTRUCT 72" I.D. MANHOLE (1 EA)	7.60	VF	\$357.02	\$2,713.35
12.	CONSTRUCT MANHOLE RING COLLAR	5,00	ĒΑ	\$243.77	\$1,218.85
13 .	CONSTRUCT 54" I.D. TYPE II AREA INLET (2 EA)	16.98	VF	\$244.47	\$4,151.10
14.	CONSTRUCT 72" I.D. TYPE II AREA INLET (3 EA)	24.78	VF	\$503.78	\$12,483.67
15 .	CONSTRUCT MODIFIED CURB INLET	1.00	EA	\$1,466.62	\$1,466.62
16.	CONSTRUCT 18" PIPE BEDDING	695,00	LF	\$3,22	\$2,237,90
17.	CONSTRUCT 24" PIPE BEDDING	543.00	LF	\$4.15	\$2,253.45
18.	CONSTRUCT 30" PIPE BEDDING	871.00	LF	\$ 5,17	\$4,503.07
19.	CONSTRUCT 36" PIPE BEDDING	656,00	LF	\$6.26	\$4,108.58
20 .	CONSTRUCT 42" PIPE BEDDING	422,00	LF	\$7.42	\$3,131.24
21.	CONSTRUCT 48" PIPE BEDDING	73.00	LF	\$8.67	\$632.91
22 .	CONSTRUCT 60" PIPE BEDDING	191,00	LF	\$8.67	\$1,655,97
23.	CONSTRUCT 60" R.C. FLARED END SECTION W/BAR GRATE	2.00	EA	\$2,000.00	\$4,000.00
24.	CONSTRUCT TEMPORARY 15" HDPE INLET DIVERSION	1.00	EA	\$616.59	\$616,59
25 .	STABILIZE TRENCH W/ CRUSHED LIMESTONE	0.00	TN	\$20.30	\$0.00
26 .	ROLLED EROSION CONTROL, TYPE II	4,900.00	SY	\$1.06	\$5,194.00
27 .	SEEDING - TYPE "DRAINAGEWAYS"	0.93	AC	\$1,025.57	\$953.78
28 .	SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED"	0,09	AC	\$1,311.04	\$117.99
29 .	CONSTRUCT GABION AND REVET MATTRESS	22.30	CY	\$233.28	\$5,202.14
30 .	CONSTRUCT ROCK RIP-RAP - TYPE "C"	108.00	TON	\$39.34	\$4,248.72
31.	REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER	1.00	LS	\$24,511.00	\$24,511.00
32 .	CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION	1.00	LS	\$2,800.00	\$2,800.00
	ADD PER CHANGE ORDER NO. 1				
33 .	CONSTRUCT 8" SANITARY SEWER PIPE	28.00		\$40.40	\$1,131.20
34 .	CONSTRUCT 8" PIPE BEDDING	28.00	LF	\$4.11	\$115.08
	ADD PER CHANGE ORDER NO. 2				
	CURB INLET D028 - BIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) -				
35 .	9.48' DEEP	1.00	EA	\$2,400.00	\$2,400.00
	CURB INLET D027 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) -				
36 .	12.68' DEEP	1.00	EA	\$2,015.00	\$1,344.00
	ADD PER CHANGE ORDER NO. 3				
37 .	CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 8.07' DEEP	1.00		\$1,615.00	\$1,077.20
38 .	CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP	1.00	EA	\$1,560.00	\$1,560.00
	ADD PER CHANGE ORDER NO. 4				
39 .	GABION BASKET MATERIAL	1.00	LS	\$3,747.98	\$3,747.98

Construction Costs:

\$258,010.17

Estimated Soft Costs

Engineering Design, Construction	
Admin:	\$66,541.02
95.86% Testing:	\$1,859.64
95.86% Review Fee:	\$3,069.02
95.86% Legal:	\$12,900.52
95,86% Fiscal:	\$17,896,96
95.86% Interest:	\$39,231,49
Total Soft Costs:	\$141,498.84
Total General Obligation Costs:	\$399,508.81
Total Sarpy County Reimbursable Costs: (see below)	\$46,026.14

Total SID General Obligation Costs:

\$353,482.67

120TH STREET STORM SEWER - Reimbursable

Assumptions/Comments:

rinval includes storm sewer within 120th Street from HWY 370 south to the south property line. Cost sharing will be will be 1/3 (County) and 2/3 (SIO 293).

	Bid Item Description	Approximate Quantity Unit	Unit Price	Total
1.	GENERAL GRADING AND SHAPING	0.00 LS	\$5,000.00	\$0.00
2.	REMOVE SEWER PIPE	0.00 LF	\$12.41	\$0.00
3.	CONSTRUCT 18" R.C.P., CLASS III	313,11 LF	\$21.93	\$6,866.50
4.	CONSTRUCT 24" R.C.P., CLASS III	210.75 LF	\$28.52	\$6,010.59
5. 6.	CONSTRUCT 30" R.C.P., CLASS III CONSTRUCT 36" R.C.P., D(0.01) = 1,350	288.40 LF 0.00 LF	\$37.75 \$48.95	\$10,887.10 \$0.00
7.	CONSTRUCT 42" R.C.P., D(0.01) = 1,350	253.39 LF	\$67.85	\$17,192.51
8.	CONSTRUCT 48" R.C.P., D(0.01) = 1,350	72.86 LF	\$80.78	\$5,885.63
9.	CONSTRUCT 60" R.C.P., D(0.01) = 1,350	183.39 LF	\$120.30	\$22,061.82
10 .	CONSTRUCT 54" I.D. MANHOLE (1 EA)	5.55 VF	\$357.02	\$1,981.46
11 .	CONSTRUCT 72" I.D. MANHOLE (1 EA)	7.60 VF	\$427.49	\$3,248.92
12 . 13 .	CONSTRUCT MANHOLE RING COLLAR (2 EA) CONSTRUCT 54" I.D. TYPE II AREA INLET (2 EA)	2.00 EA	\$243.77 \$244.47	\$487.54
14 .	CONSTRUCT 34 1.D. TYPE II AREA INLET (2 EA)	0.00 VF 0.00 VF	\$244,47 \$503.78	\$0.00 \$0.00
15.	CONSTRUCT MODIFIED CURB INLET	0.00 EA	\$1,466.62	\$0.00
16 .	CONSTRUCT 18" PIPE BEDDING	313.11 LF	\$3.22	\$1,008.21
17.	CONSTRUCT 24" PIPE BEDDING	210,75 LF	\$4.15	\$874.61
18 .	CONSTRUCT 30" PIPE BEDDING	288.40 LF	\$5.17	\$1,491.03
19 .	CONSTRUCT 36" PIPE BEDDING	0.00 LF	\$6.26	\$0.00
20 .	CONSTRUCT 42" PIPE BEDDING	253.39 LF	\$7.42	\$1,880.15
21 . 22 .	CONSTRUCT 48" PIPE BEDDING CONSTRUCT 60" PIPE BEDDING	72.86 LF	\$8.67	\$631.70
23 .	CONSTRUCT 60" R.C. FLARED END SECTION W/BAR GRATE (2 EA)	183.39 LF 2.00 EA	\$11.38 \$2,827.76	\$2,086.98 \$5,655,52
24 .	CONSTRUCT TEMPORARY 15" HDPE INLET DIVERSION	0.00 EA	\$616.59	\$0.00
25 .	STABILIZE TRENCH W/ CRUSHED LIMESTONE	0.00 TN	\$20.30	\$0.00
26 .	ROLLED EROSION CONTROL, TYPE II	0.00 SY	\$1.06	\$0.00
27 .	SEEDING - TYPE "DRAINAGEWAYS"	0.00 AC	\$1,025.57	\$0.00
28 .	SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED"	0.00 AC	\$1,311.04	\$0.00
29 . 30 .	CONSTRUCT GABION AND REVET MATTRESS CONSTRUCT ROCK RIP-RAP - TYPE "C"	22.30 CY	\$233.28	\$5,202.14
31 .	REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER	108.00 TON 0.00 LS	\$39.34 \$24,511.00	\$4,248.72 \$0.00
32 .	CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION	0.00 LS	\$2,800.00	\$0.00
	ADD PER CHANGE ORDER NO. 1		42,000,00	*****
33 .	CONSTRUCT 8" SANITARY SWEER PIPE	0.00 LF	\$40.40	\$0.00
34 .	CONSTRUCT 8" PIPE BEDDING	0.00 LF	\$4.11	\$0,00
	ADD PER CHANGE ORDER NO. 2			
25	CURB INLET D028 - BIRDBATH TO TOP OF PIPE, 84" FLATTOP (60" PIPE) -	4.00.54	to 400 00	*0 400 00
35 .	9.48' DEEP CURB INLET D027 - BIRDBATH TO TOP OF PIPE, 72" FLATTOP (60" PIPE) -	1.00 EA	\$2,400.00	\$2,400.00
36 .	12.68' DEEP	1.00 EA	\$2,015.00	\$2,015.00
	ADD PER CHANGE ORDER NO. 3		42,010.00	42,510.00
37.	CURB INLET D03 - BIRDBATH INLET 48" UP (60" PIPE) - 8.07' DEEP	1.00 EA	\$1,615.00	\$1,615.00
38 .	CURB INLET D04 - BIRDBATH INLET 42" UP (60" PIPE) - 7.49' DEEP	1.00 EA	\$1,560.00	\$1,560.00
	ADD PER CHANGE ORDER NO. 4			
39 .	GABION BASKET MATERIAL	1.00 LS	\$3,747.98	\$3,747.98
		Construction Costs:	_	\$109,039.12
		40.5% of total Storm	Sewer	
		Soft Costs		
		Engineering Admin:	Design, Construction	\$26,956,38
		Testing:		\$785.91
		Review Fee:		\$1,297.01
		Legal:		\$0.00
		Fiscal:		\$0.00
		Interest:		\$0.00
		Total Soft Costs:		\$29,039.31
		T		
		Total 120th Street Storm Sewer	Costs:	\$138,078.43
		(excluding Legal, Fiscal & Interest)		

Sarpy County Reimbursable (1/3)

\$46,026.14

PAVING - TOTAL (Includes Section 1 - 120th Street & Highway 370 Improvements & Section 2 - Minor Private)

			Private & 120th Street (Engineering - Specials)	Private, 120th Street, Highway 370 (Testing, Review Fee)	120th St. & Highway 370 (Legal)
Tasks 050/350	Paving Section 2 - Minor (Private) Construction Cost	\$454,523.20	42.5%	33.6%	0.0%
Tasks 050/350	Paving Section 1 - 120th Street Construction Cost	\$614,455.07	57,5%	45,4%	68.4%
Tasks 055/355	Paving Section 1 - Highway 370 Construction Cost	\$283,531.35	0.0%	21.0%	31.6%
	Total Paving Construction Costs:	\$1,352,509.62	100.0%	100,0%	100.0%
Tasks 050/350	Special Assessment Engineering	\$98,000.00			
Tasks 050/350	Paving Section 1 - 120th Street - GO Engineering	\$65,826.52			
Tasks 055/355	Highway 370 - GO Engineering	\$78,294,92			
	Total Engineering Design & Construction Admin:	\$242,121.44			
	Total Testing:	\$18,954.00			
	Total Review Fees:	\$15,261.17			
	Total Legal:	\$44,899.33			
	*Total Fiscal:	\$61,742.88			
	*Total Interest:	\$86,170,17			
Total Paving P	roject Costs :	\$1,821,658,61			

^{*}Fiscal & Interest Pro-rated based on Project Costs

PAVING SECTION 2 - MINOR (PRIVATE)

S FIN

Assumptions/Comments:

FINAL Includes interior residential. See 120th Street for additional paving costs. Fiscal and interest in private only on engineering, CA, testing and review in private

MOVE TEMPORARY 15" HDPE DIVERSION CONCRETE PAVEMENT - TYPE L6 MMON EARTH EXCAVATION	O E 15,505 - 8		\$100,00	\$0.00
		r.v		
MMON EARTH EXCAVATION		o 1	\$24.15	\$374,445.78
	5,170 (CY	\$2.68	\$13,855.60
JLTY SUBGRADE - REMOVE AND REPLACE	0 (CY	\$12.00	\$0.00
NSTRUCT CURB INLET	9 (EA	\$2,720.00	\$24,480,00
W STRIP	0 !	SF	\$6.66	\$0.00
NSTRUCT TEMPORARY CURB AND GUTTER	146 (LF	\$18.00	\$2,628,00
JUST MANHOLE TO GRADE (23 SAN)	23 1	EA	\$190.00	\$4,370.00
NSTRUCT EXTERNAL FRAME SEAL	22 1	EA	\$340.00	\$7,480.00
NCRETE HEADER	93 (LF	\$8.00	\$744,00
NSTRUCT BARRICADE	3 1	EA	\$920.00	\$2,760.00
EXISTING SEWER	10,900 1	LF	\$0.80	\$8,720,00
BAR SIZE INCREASE AND SPACING DECREASE	15,505	SY	\$0.97	\$15,039,85
֡	NSTRUCT CURB INLET W STRIP NSTRUCT TEMPORARY CURB AND GUTTER JUST MANHOLE TO GRADE (23 SAN) NSTRUCT EXTERNAL FRAME SEAL NCRETE HEADER NSTRUCT BARRICADE 'EXISTING SEWER BAR SIZE INCREASE AND SPACING DECREASE	W STRIP 0 NSTRUCT TEMPORARY CURB AND GUTTER 146 UIST MANHOLE TO GRADE (23 SAN) 23 NSTRUCT EXTERNAL FRAME SEAL 22 NCRETE HEADER 33 NSTRUCT BARRICADE 3 EXISTING SEWER 10,900 BAR SIZE INCREASE AND SPACING DECREASE 15,505	W STRIP 0 SF NSTRUCT TEMPORARY CURB AND GUTTER 146 LF JUST MANHOLE TO GRADE (23 SAN) 23 EA NSTRUCT EXTERNAL FRAME SEAL 22 EA NCRETE HEADER 93 LF NSTRUCT BARRICADE 3 EA 'EXISTING SEWER 10,900 LF	W STRIP W S

n Costs:		\$454,523.20
Soft	Costs	
		\$41,669.02 \$6,369.66
		\$5,128,68
Legal	l:	\$0.00
		\$2,658.37
Intere	est;	\$5,534.51
ated Soft Costs:		\$61,360.21
	Soft Engli Cons Testi Revie Lega Fisca Intere	Engineering Design & Construction Admin Testing: Review Fee: Legal: Fiscal: Interest:

Total Estimated Costs:

\$515,883.41

PAVING SECTION 1 - 120TH STREET & RESIDENTIAL STREET ENTRANCES



FINAL 120th Street from Hwy 370 to south property line AND the entrances to the residential lots.

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
		Approximate addition	Oint	Omit Frice	intal
1.	7" CONCRETE PAVEMENT - TYPE L65	17,600		\$25.55	\$449,680.00
2.	COMMON EARTH EXCAVATION	5,900		\$2,17	\$12,803.00
3.	FAULTY SUBGRADE - REMOVE AND REPLACE		CY	\$12,83	\$0.00
4.	CONSTRUCT CURB INLET		EA	\$2,977.70	\$23,821.60
5	MOW STRIP	C	SF	\$6.34	\$0.00
6	MEDIAN SURFACING	C	SF	\$7.01	\$0,00
7.	CONSTRUCT TEMPORARY CURB AND GUTTER ADJUST MANHOLE TO GRADE	79	LF	\$20.81	\$1,843.99
8.	(1 SAN)	1	EA	\$204,54	\$204,54
9.	CONSTRUCT EXTERNAL FRAME SEAL	1	EA	\$451.79	\$451.79
10 .	CONCRETE HEADER	32	LF	\$13.70	\$438.40
11 .	CONSTRUCT CUSTOM BARRICADE	1	EA	\$2,245.85	\$2,245.85
12 .	4" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4, GROOVED	C	LF	\$3.89	\$0.00
13.	8" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4, GROOVED	C	LF	\$7.79	\$0.00
14 .	12" WHITE, PERMANENT PAVEMENT MARKING PAINT	170	LF	\$2.09	\$355,30
15.	4" WHITE, PERMANENT PAVEMENT MARKING PAINT	1,419	LF	\$0.43	\$610.17
16 .	JET EXISTING SEWER	850		\$0.97	\$824.50
17 .	SEEDING - TYPE "TEMPORARY SEED MIX"	C	AC	\$550.00	\$0.00
18 .	CONSTRUCT 6" THICK TRAIL		SF	\$2.77	\$0.00
19 .	CONSTRUCT 4" SIDEWALK		SF	\$5.11	\$0,00
20 .	CONSTRUCT HANDICAP RAMP		SF	\$9.77	\$0,00
	PER CHANGE ORDER NO. 1	_	-	44	40,00
21.	FLYASH STABILIZATION	4,653	SY	\$14.60	\$67,933,80
	PER CHANGE ORDER NO. 2	4,000	•	¥14,00	401,500,00
22 .	9" CONCRETE PAVEMENT - TYPE L65 (COST INCREASE FROM 7" TO 9")	4,100	SY	\$5.61	\$23,001.00
23 .	DRILL AND GROUT 1" X 18" DOWEL BARS @ 12" O.C.		EA	\$15.00	\$750.00
20.	PER CHANGE ORDER NO. 3	30	₽ ∧	¥13.00	\$7.50.00
24 .	ADDITIONAL FLYASH STABILIZATION	1,046.00	SV	\$14.60	\$15,271,60
25 .	DRIVEWAY MANHOLE ADJUSTMENT		LS	\$1,066,58	\$1,066,58
26 .	DRIVEWAY GRADING		LS	\$1,290.00	\$1,290.00
20 .	PER CHANGE ORDER NO. 6	3	LO	\$1,290.00	\$1,290.00
27 .	8" WHITE, PERMANENT PAVEMENT MARKING PAINT	400	LF	\$0.86	\$344.00
28 .	12" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4 GROOVED LESS FAILED TESTS	943	LF	\$12.65	\$11,928.95 -\$210.00
		Construction Costs:			\$614,455.07
			Estimated	Soft Costs	
			Engineerin	g Design.	\$122,157,50
			Testing:		\$8,610,94
			Review Fee	91	\$6,933,26
			Legal:		\$30,722,76
			Fiscal:		\$39,678,90
			Interest:		\$54,022.83
		Total Estimated Soft C	osts:	-	\$262,128,19
		Total Estimated Costs	-	_	\$876,581,26

PAVING SECTION 1 - HIGHWAY 370 IMPROVEMENTS



Assumptions/Comments: FINAL Highway 370 Decel Lane

	. Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	MOBILIZATION	1	LS	\$16,225.00	\$16,225,00
2.	CLEARING AND GRUBBING GENERAL	1	LS	\$2,159.85	\$2,159.85
3.	REMOVÉ PAVEMENT	1,250	SY	\$5.53	\$6,912.50
4.	REMOVE ASPHALT SURFACE	600	SY	\$5,53	\$3,318,00
5.	SAWING PAVEMENT	800	LF	\$4,05	\$3,240.00
6.	REMOVE CULVERT PIPE	135	LF	\$14,40	\$1,944.00
7.	REMOVE CONCRETE MEDIAN SURFACING	25	SY	\$5.53	\$138.25
8.	REMOVE FLARED-END SECTION	3	EA	\$214.55	\$843.65
9.	REMOVE SIGN AND POST	1	EA	\$185,75	\$185.75
10 .	REMOVE AND RELOCATE MAILBOX	2	EA	\$241.91	\$483.82
11 .	REMOVE PULL BOX	3	EA	\$208,79	\$626,37
12 .	REMOVE EXISTING 2" CONDUIT	675	LF	\$3.20	\$2,160.00
13 .	EARTHWORK (EXCAVATION)	350	CY	\$4.80	\$1,680.00
14 . 15 .	EARTHWORK (EMBANKMENT)	2,000	CY	\$6.48	\$12,960.00
16 .	SUBGRADE PREPARATION (ROADWAY) 10" DOWELED CONCRETE PAVEMENT, CLASS 47B-3500	3,500	SY SY	\$2.00	\$7,000.00
17 .	FOUNDATION COURSE 4"	2,239 2,505	SY	\$43,94 \$7,05	\$98,381,68
18 .	4" PERFORATED PIPE UNDERDRAIN	600	LF	\$7.70	\$17,660.25 \$4,620.00
19 .	CONCRETE MEDIAN SURFACING, PLAN 301-R10	000	SY	\$68.28	\$0.00
20 .	MEDIAN NOSE	1	EA	\$1,283.24	\$1,283.24
21 .	THICKENED EDGE PAVEMENT	100	LF	\$7.06	\$706.00
22 .	4" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4, GROOVED	100	LF	\$3.89	\$0.00
23 .	5" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4, GROOVED	485	LF	\$4.46	\$2,163,10
24 .	8" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4, GROOVED	400	LF	\$7,79	\$0,00
25 .	12" WHITE, PERMANENT PAVEMENT MARKING PAINT	170	ĹF	\$1,05	\$178.50
26 .	LEFT ARROW, PREFORMED PAVEMENT MAKRING, TYPE 4, GROOVED	1	ĒA	\$396.00	\$396.00
27 .	PAINT MEDIAN NOSE	i	EA	\$396,00	\$396.00
28 .	SEEDING, TYPE "A"	0.00	AC	\$2,640.00	\$0.00
29 .	SEEDING, TYPE "B"	0.00	AC	\$2,640,00	\$0.00
30 .	CONSTRUCT SILT FENCE	0	LF	\$2.48	\$0.00
31 .	TURF REINFORCEMENT MAT - CLASS 1D	0	SY	\$1,54	\$0.00
32 .	TURF REINFORCEMENT MAT - CLASS 2A	0	SY	\$5.72	\$0.00
33 .	EROSION CHECKS, WATTLE	0	LF	\$2.20	\$0,00
34 .	INLET PROTECTION	0	EA	\$229.90	\$0.00
35 .	STABILIZE TRENCH WITH CRUSHED LIMESTONE	0	TN	\$35.95	\$0.00
36 .	18" REINFORCED CONCRETE SEWER PIPE	253	LF	\$31.12	\$7,873.38
37 .	24" REINFORCED CONCRETE SEWER PIPE	173	LF	\$43.18	\$7,470.14
38 .	24" FLARED-END SECTION	1	EA	\$994,54	\$994.54
39 .	AREA INLET	1	EA	\$4,431.68	\$4,431.68
40 .	CURB INLET 443-R8	2	EA	\$2,977.70	\$5,955.40
41 .	MOUNTABLE CURB INLET	3	EA	\$5,878.90	\$17,636.70
42 .	ADJUST MANHOLE TO GRADE	4	EA	\$266,35	\$1,065,40
43 .	ADJUST VALVE TO GRADE	4	EA	\$102,27	\$409.08
44 . 45 .	2/C #14 AWG DETECTOR LEAD-IN CABLE PULL BOX PB-1	215	LF	\$1.38	\$296.70
45. 46.	PULL BOX PB-1A	3	EA EA	\$1,144.00 \$1.072.50	\$3,432.00
40.	2" CONDUIT PVC - TRENCHED	675	LF.	\$1,072.50 \$7.70	\$1,072.50 \$5,197.50
48 .	3" CONDUIT PVC - TRENCHED	175	LF	\$25.03	\$4,380,25
49.	VEHICLE DETECTOR, TYPE A PREFORMED	8	EA	\$25.03 \$313.50	\$2,508.00
50 .	VEHICLE DETECTOR, TYPE B PREFORMED	6	ĒĀ	\$368,50	\$2,303.00
51.	OPTICOM SYSTEM	1	EA	\$9,333.50	\$9,333,50
52 .	BARRICADE, TYPE II	3,200		\$9,333.50	\$1,952.00
53 .	BARRICADE, TYPE III	450	BDAY	\$2,42	\$1,089.00
54 .	TEMPORARY SIGN DAY	675	EA	\$0.88	\$594.00
55 .	TEMPORARY TRAFFIC SIGNAL	1	EA	\$12,573,00	\$12,573.00
	PER CHANGE ORDER NO. 4	•		¥ · •,• · · · · · · ·	,
56 .	REMOVE AND RELOCATE LIGHT POLE AND BASE	1	LS	\$3,803,80	\$3,803,80
	PER CHANGE ORDER NO. 5	•		**,******	75,556,66
57 .	ARROW BOARD	56	DAYS	\$45.32	\$2,537.92
-	PER CHANGE ORDER NO. 6	•	· · · · •	. · · · · · · ·	,2,
58.	PAINT REMOVAL	169	LF	\$2.26	\$381,94
59 .	HIGHWAY CLOSURE		LS	\$870.00	\$870,00

PAVING - GO TOTAL

			% of total Const. Cost	120th Street & Highway 370 (Testing, Review Fee)
Tasks 050/350	Paving Section 2 - Minor (Private) Construction Cost - GO Allowable	\$0.00	0.0%	0.0%
Tasks 050/350	Paving Section 1 - 120th Street Construction Cost - GO Allowable	\$330,965.06	53.9%	53.9%
Tasks 055/355	Paving Section 1 - Highway 370 Construction Cost - GO Allowable	\$283,531.35	100.0%	46.1%
	Total Construction Costs - GO Allowable	\$614,496.41	45.4%	100.0%
Tasks 050/350	Paving Section 1 - 120th Street - GO Engineering	\$65,826,52		
Tasks 055/355	Highway 370 - GO Engineering	\$78,294.92		
	Total Engineering Design, Construction Admin GO Allowable	\$144,121.44		
	Testing GO Allowable:	\$8,611,52		
	Review Fee Allowable:	\$6,933,73		
	Legal GO Allowable:	\$30,724.83		
	Fiscal GO Allowable	\$40,777.93		
	Interest GO Allowable	\$55,711.25		
	GO - 120th Street (Less Reimursuables)	\$214,346.44		
	GO - Highway 370 (Less Reimbursable)	\$386,274,54		
	TOTAL PAVING GO	\$600,620.98		

PAVING SECTION 2 - MINOR (PRIVATE) GO

Assumptions/Comments:

Paid for privately - NO G.O. Costs

	Bid Item Description	Approximate Quantity Unit	Unit Price	Total
	Bia Reili Description		One rice	, (Otal
1.	REMOVE TEMPORARY 15" HDPE DIVERSION	0 EA	\$100,00	\$0.00
2.	7" CONCRETE PAVEMENT - TYPE L6	0 SY	\$24.15	\$0.00
3.	COMMON EARTH EXCAVATION	0 CY	\$2.68	\$0,00
4	FAULTY SUBGRADE - REMOVE AND REPLACE	0 CY	\$12.00	\$0.00
5.	CONSTRUCT CURB INLET	0 EA	\$2,720,00	\$0.00
6.	MOW STRIP	0 SF	\$6.66	\$0.00
7.	CONSTRUCT TEMPORARY CURB AND GUTTER	0 LF	\$18.00	\$0.00
8.	ADJUST MANHOLE TO GRADE (23 SAN)	0 EA	\$190,00	\$0.00
9 .	CONSTRUCT EXTERNAL FRAME SEAL	0 EA	\$340.00	\$0.00
10 .	CONCRETE HEADER	0 LF	\$8.00	\$0.00
11.	CONSTRUCT BARRICADE	0 EA	\$920.00	\$0.00
12 .	JET EXISTING SEWER	0 LF	\$0.80	\$0.00

Construction Co	sts:	\$0.00
	Soft Costs	
	Engineering Design, Construction Admin, Legal:	\$0.00 \$0.00
	Fiscal: Interest:	\$0.00 \$0.00
Total Soft Costs:	:	\$0.00
Total Costs:		\$0,00

PAVING SECTION 1 - 120th Street - G.O.



Assumptions/Comments:
FINAL
Intersection paving and extra width paving beyond 25'.

		Approximate		
	Bid Item Description	Quantity Unit	Unit Price	Tota
1.	7" CONCRETE PAVEMENT - TYPE L65	6.931.66 SY	\$25.55	\$177,103,9
2.	COMMON EARTH EXCAVATION	2,310.55 CY	\$2.17	\$5,013.8
3.	FAULTY SUBGRADE - REMOVE AND REPLACE	D CY	\$12.83	\$0.0
4.	CONSTRUCT CURB INLET	8 EA	\$2.977.70	\$23,821.6
5.	MOW STRIP	0 SF	\$6,34	\$0.0
6.	MEDIAN SURFACING	0 SF	\$7.01	\$0.0
7.	CONSTRUCT TEMPORARY CURB AND GUTTER ADJUST MANHOLE TO GRADE	0 LF	\$20.81	\$0.0
8.	(1 SAN)	0 EA	\$204.54	\$0.0
9.	CONSTRUCT EXTERNAL FRAME SEAL	0 EA	\$451.79	\$0.0
10.	CONCRETE HEADER	32 LF	\$13.70	\$438.4
11.	CONSTRUCT CUSTOM BARRICADE	1 EA	\$2,245.85	\$2,245.8
	4" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4,			
12.	GROOVED	0 LF	\$3.89	\$0.0
	8" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4,			
13.	GROOVED	0 LF	\$7.79	\$0.0
14.	12" WHITE, PERMANENT PAVEMENT MARKING PAINT	170 LF	\$2.09	\$355,3
15.	4" WHITE, PERMANENT PAVEMENT MARKING PAINT	1,419 LF	\$0.43	\$610,1
16.	JET EXISTING SEWER	0 LF	\$0.97	\$0.0
17.	SEEDING - TYPE "TEMPORARY SEED MIX"	0.00 AC	\$550.00	\$0.0
18.	CONSTRUCT 6" THICK TRAIL	0 SF	\$2.77	\$0.0
19.	CONSTRUCT 4" SIDEWALK	0 SF	\$5.11	\$0.0
20 .	CONSTRUCT HANDICAP RAMP	0 SF	\$9.77	\$0.0
	PER CHANGE ORDER NO. 1			
21 .	FLYASH STABILIZATION	4.653 SY	\$14.60	\$67,933.8
	PER CHANGE ORDER NO. 2	.,	******	4
22 .	9" CONCRETE PAVEMENT - TYPE L65 (COST INCREASE FROM 7" TO 9")	4.100 SY	\$5.61	\$23,001.00
23 .	DRILL AND GROUT 1" X 18" DOWEL BARS @ 12" O.C.	50 EA	\$15.00	\$750.00
	PER CHANGE ORDER NO. 3		*	*
24 .	ADDITIONAL FLYASH STABILIZATION	1,046 SY	\$14,60	\$15,271,6
25 .	DRIVEWAY MANHOLE ADJUSTMENT	1 LS	\$1.066.58	\$1,066,5
26 .	DRIVEWAY GRADING	1 LS	\$1,290.00	\$1,290.0
	PER CHANGE ORDER NO. 6		• 1,200.00	\$0.0
28	8" WHITE, PERMANENT PAVEMENT MARKING PAINT	400 SY	\$0.86	\$344.0
	12" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4		******	********
29	GROOVED	943 SY	\$12.65	\$11,928,9
	LESS FAILED TESTS		•	-\$210.0
	C	onstruction Costs:		\$330,965.06

53.9% Of Total Paving GO Soft Costs

Engineering Design &
Construction Admin
Testing:
Review Fee:
Legal:
Fiscal:
Interest: \$65,826.52 \$4,638.13 \$3,734.48 \$16,548.26 \$21,372.32 \$29,098.41

\$472,183.17

\$214,346.44

Total Soft Costs: \$141,218,11

Total Allowable General Obligation Costs:

| Total SID General Obligation Costs | (% of Total Allowable 120th General Obligation) | 120th Street Total | \$876,581.28 | -Future SID Reimbursable | -\$265,745.37 | -Sarpy County Reimbursable | 5212,913.89 | SID 293 Costs - % of Net | 45.4% | \$397,922.00

120TH STREET PAVING - Reimbursable



Assumptions/Comments:

120th Street from Hwy 370 south to the south property line.
Excludes the entrances to the residential lots and Clark Property.
Excludes the Hwy 370 Deceleration Lane & Excludes sidewalk/trail

		Approximate			
	Bid Item Description	Quantity	Unit	Unit Price	Total
1.	7" CONCRETE PAVEMENT - TYPE L65	14,166	SY	\$25.55	\$361,941,30
2.	COMMON EARTH EXCAVATION	4,722	CY	\$2.17	\$10,246,74
3.	FAULTY SUBGRADE - REMOVE AND REPLACE	0	CY	\$12.83	\$0.00
4.	CONSTRUCT CURB INLET	8	EA	\$2,977.70	\$23,821,60
5	MOW STRIP	0	SF	\$6.34	\$0.00
6.	MEDIAN SURFACING	0	SF	\$7.01	\$0.00
7.	CONSTRUCT TEMPORARY CURB AND GUTTER	79	LF	\$20,81	\$1,643,99
	ADJUST MANHOLE TO GRADE				,
8.	(1 SAN)	1	EA	\$204.54	\$204.54
9.	CONSTRUCT EXTERNAL FRAME SEAL		EA	\$451.79	\$451.79
10.	CONCRETE HEADER	32		\$13.70	\$438.40
11.	CONSTRUCT CUSTOM BARRICADE		ĒA	\$2,245.85	\$2,245.85
	4" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4,	•		42,240.00	42,240.00
12 .	GROOVED	0	LF	\$3.89	\$0.00
	8" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4,	v		\$3.03	\$0.00
13 .	GROOVED		LF	\$7.79	\$0.00
14 .	12" WHITE, PERMANENT PAVEMENT MARKING PAINT	170			*****
15 .				\$2.09	\$355.30
	4" WHITE, PERMANENT PAVEMENT MARKING PAINT	1,419		\$0,43	\$610.17
16 ,	JET EXISTING SEWER	850		\$0.97	\$824.50
	SEEDING - TYPE "TEMPORARY SEED MIX"		AC	\$550.00	\$0,00
	CONSTRUCT 6" THICK TRAIL		SF	\$2.77	\$0,00
17.	CONSTRUCT 4" SIDEWALK		SF	\$5.11	\$0,00
18.	CONSTRUCT HANDICAP RAMP	0	SF	\$9.77	\$0,00
19.	PER CHANGE ORDER NO. 1				
20	FLYASH STABILIZATION	4,653	SY	\$14.60	\$67,933,80
21	PER CHANGE ORDER NO. 2				*********
22	9" CONCRETE PAVEMENT - TYPE L65 (COST INCREASE FROM 7" TO 9")	4,100	SY	\$5.61	\$23,001.00
23	DRILL AND GROUT 1" X 18" DOWEL BARS @ 12" O.C.	50		\$15.00	\$750.00
24	PER CHANGE ORDER NO. 3	55		410.00	4750.00
25	ADDITIONAL FLYASH STABILIZATION	1,046	ev	\$14.60	\$15,271.60
26	DRIVEWAY MANHOLE ADJUSTMENT		LS	\$1,066.58	\$0.00
27	DRIVEWAY GRADING		LS		
28	PER CHANGE ORDER NO. 6	U	Lo	\$1,290.00	\$0.00
29					
29	8" WHITE, PERMANENT PAVEMENT MARKING PAINT	400	LF	\$0.86	\$344.00
	12" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4				
30	GROOVED	943	LP	\$12.65	\$11,928.95
	LESS FAILED TESTS				-\$210.00
		Construction Costs			\$521,803.53
		84.9%	of Total 1	20th Street Costs	
			Estimate	ed Soft Costs	
			Enginee	ring Design & CA	\$103,737.80
			Testing:	my busign a un	\$7,312.53
			Review F		\$5,887.82
				we.	
			Legal:		\$28,090.18
			Fiscal:		\$33,695.86
			interest:		\$45,87 6 .91
	•				
		Total Estimated Sof	t Costs:		\$222,601.10
		Total Estimated Cos	its:		\$744,404.63
		Estimated 1/3 Sarpy			
		1/3 Estimated Constru		sts:	\$173,934.51
		1/3 Estimated Soft Co	sts:		
		Engineering Design	n, Constr	uction Admin,	
		Geotechnical & 1	esting &	Review Fee	\$38,979,38
			-		,
		Total Estimated Cos	te Carn	County	\$212.012.00
		Lorat Estilliared Col	ora sarp)	County:	\$212,913.89
		Estimated 1/3 Contr	ibution -	Future East SID	\$265,745.37
					·

Estimated 1/3 Contribution - Ashbury Farm SID \$265,745.37

PAVING SECTION 1 - HIGHWAY 370 G.O.



Assumptions/Comments:

FINAL Highway 370 Decel Lane

Tot	Unit Price	Unit	Approximate Quantity	Bid Item Description	
\$16,225,0	\$16,225,00	LS	1	MOBILIZATION	1.
\$2,159.6	\$2,159.85	ĹS	1	CLEARING AND GRUBBING GENERAL	2.
\$6,912,5	\$5,53	SY	1,250	REMOVE PAVEMENT	3.
\$3,318.0	\$5.53	SY	600	REMOVE ASPHALT SURFACE	4.
\$3,240.0	\$4.05	LF	800		5.
\$1,944.0	\$14.40	LF	135		6. 7.
\$138.2 \$643.6	\$5.53 \$214.55	SY EA	25 3		8.
\$185.7	\$185.75	EA	1		9.
\$483.8	\$241.91	EA	2		10 .
\$626.3	\$208.79	EA	3		11 .
\$2,160.0	\$3.20	LF	675	REMOVE EXISTING 2" CONDUIT	12 .
\$1,680.0	\$4.80	CY	350	EARTHWORK (EXCAVATION)	13.
\$12,960.0	\$6.48	CY	2,000	EARTHWORK (EMBANKMENT)	14.
\$7,000.0	\$2.00	SY	3,500		15 .
\$98,381.6	\$43.94	SY	2,239		16 .
\$17,660.2	\$7.05	SY	2,505		17 .
\$4,620.0	\$7.70	LF	600		18 .
\$0.0	\$68.28	SY	0		19. 20.
\$1,283.2	\$1,283.24	EA	•		20.
\$706.0	\$7.06	LF	100	4" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4,	41.
\$0.0	\$3,89	LF	0	GROOVED	22 .
40.0	43,03	L	v	5" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4,	22 .
\$2,163,1	\$4.46	LF	485	GROOVED	23 .
42,100,1	44.40			8" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4,	
\$0.0	\$7.79	LF	0		24 .
\$178.5	\$1.05	LF	170		25 .
\$396.0	\$396,00	EΑ	1	LEFT ARROW, PREFORMED PAVEMENT MAKRING, TYPE 4, GROOVED	26 .
\$396,0	\$396.00	EA	1		27 .
\$0.0	\$2,640.00	AC	0.00		28 .
\$0.0	\$2,640.00	AC	0.00		29 .
\$0.0	\$2.48	LF	0	CONSTRUCT SILT FENCE	30 .
\$0.0	\$1.54	SY	0		31 .
\$0.0	\$5.72	SY	0		32 . 33 .
\$0.0	\$2.20	LF EA	0	EROSION CHECKS, WATTLE	34.
\$0.0 \$0.0	\$229.90 \$35.95	TN	0		35 .
\$7.873.3	\$31.12	LF	253		36 .
\$7,470.1	\$43.18	LF	173		37 .
\$994.5	\$994.54	ĒA	1,1		38 .
\$4,431.6	\$4,431,68	EA	i		39 .
\$5,955,4	\$2,977,70	EA	2	CURB INLET 443-R8	40 .
\$17,636,7	\$5,878.90	EA	3	MOUNTABLE CURB INLET	41.
\$1,065,4	\$266,35	EA	4	ADJUST MANHOLE TO GRADE	42 .
\$409,0	\$102,27	EA	4	ADJUST VALVE TO GRADE	43.
\$296,7	\$1,38	LF	215	2/C #14 AWG DETECTOR LEAD-IN CABLE	44 .
\$3,432.0	\$1,144.00	EA	3		45 .
\$1,072.5	\$1,072.50	EA	1		46 .
\$5,197.5	\$7.70	LF	675		47 .
\$4,380.2	\$25.03 \$313.50	LF EA	175 8		48. 49.
\$2,508.0 \$2,211.0	\$313,50 \$368,50	EA EA	6		49. 50.
\$2,211.U \$9,333.5	\$9,333.50	EA	1	OPTICOM SYSTEM	50 .
\$1,952.0	\$9,333.50 \$0.61	BDAY		BARRICADE, TYPE II	52 .
\$1,089.0	\$2.42	BDAY		BARRICADE, TYPE III	53 .
\$594.0	\$0.88	EA	675		54 .
\$12,573.0	\$12,573.00	EA	1		55 .
				PER CHANGE ORDER NO. 4	
\$3,803.8	\$3,803.80	.s	1 (REMOVE AND RELOCATE LIGHT POLE AND BASE	56 .
				PER CHANGE ORDER NO. 5	
\$2,537.9	\$45.32	DAYS	56 (57.
				PER CHANGE ORDER NO. 6	
\$381.9 \$870.0	\$2.26		169 [58 .
	\$870.00		1 [HIGHWAY CLOSURE	59.

Construction	Costs:	\$283,531.35
	Soft Costs	
	Engineering Design & Testing: Review Fee: Legal: Fiscal: Interest:	\$78,294.92 \$3,973.39 \$3,199.25 \$14,176.57 \$19,405.61 \$26,612.84
Total Soft Cos	sts:	\$145,662,59
Total Costs:		\$429,193.94
Reimbursible	from Adj SID (10%)	\$42,919.39
Total Ashbury	Farm GO:	\$386,274.54

Highway 370 Contribution - G.O.

Assumptions/Comments:

Highway south contribution = \$603,858.69 (Per interlocal agreement with SID 290, Sarpy County) SID 293 Property frontage is 1985' of 3308' or 60%

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . HWY 370 CONTRIBUTIO	N	11	LS	\$362,351.21	\$362,351.21
		Estimated Construc	tion Costs	:	\$362,351,21
			Estimated	Soft Costs	
		2.00% 5.00% 7.00%		pesign, Construction	\$0.00 \$7,247.02 \$18,479.91 \$13,582.74
		Total Estimated Sof	it Costs:	119	\$39,309,67
		Total Estimated Cos	sts:		\$401,860.88

SIDEWALKS & SIGNAGE

_Assumptions/Comments:

5' trail with Outlots A, C, D, E, H, and I Double fronted lots 17 - 28

		Approximate			
	Bid Item Description	Quantity	Unit	Unit Price	Total
1.	6" CONCRETE TRAIL	40.731	SE	\$3.19	\$129,931.89
2.	4" CONCRETE SIDEWALK (DEDUCT PER CHANGE ORDER NO. 1)		SF	\$3.05	\$0.00
3.	CONSTRUCT MEDIAN SURFACING	2,148		\$6.30	\$13,532,40
4.	CONSTRUCT HANDICAP RAMP	•	SF	\$18.00	\$16,884.00
5.	CONSTRUCT DETECTABLE WARNING PANEL		EA	\$90.00	\$5.760.00
6.	ADJUST MANHOLE TO GRADE		EA	\$220.00	\$0.00
7.	ADJUST VALVE TO GRADE		EA	\$240.00	\$720.00
8.	ADJUST ELECTRICAL BOX TO GRADE		EA	\$960.00	\$0.00
9.	COMMON EARTH EXCAVATION	2,410		\$6.00	\$14,460.00
10.	SUBGRADE PREPARATION	5.785		\$1.45	\$8,388.25
11 .	GENERAL GRADING AND SHAPING		LS	\$9,352,00	\$9,352.00
12	ROLLED EROSION CONTROL. TYPE II	9.025		\$1.25	\$11,281,25
13 .	SEEDING - TYPE "IRRIGATED LAWN AND TURF SEED		AC	\$2,065.00	\$3,840.90
14 .	SEEDING - TYPE "DRAINAGEWAYS"	_	AC	\$1,250.00	\$175.00
15 .	STREET SIGN WITH DECORATIVE SWING-PROOF BRACKET		EA	\$267.00	\$6.675.00
16 .	2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP	36	EA	\$299.00	\$10,764.00
17 .	"STOP SIGN" (R1-1) 30"		2 EA	\$150.00	\$1,800.00
18.	"SPEED LIMIT SIGN" (R2-1) 24" X 30"	3	B EA	\$150.00	\$450.00
19.	MOVEMENT "LEFT TURN ONLY" SIGN (R3-5L) 30" X 36"	3	B EA	\$150,00	\$450.00
20 .	MOVEMENT " LEFT-THRU-RIGHT" SIGN (R3-6) 30" X 48"	2	₽ EA	\$150.00	\$300.00
21.	"KEEP RIGHT" SIGN (R4-7) 24" X 30"	11	I EA	\$150.00	\$1,650.00
22 .	"LEFT LANE ENDS" SIGN (W4-2) 36" X 36"	1	I EA	\$150.00	\$150.00
23 .	"NO OUTLET" SIGN (W14-2) 30"X30"	1	I EA	\$150.00	\$150.00
24 .	"PRIVATE DRIVE" SIGN 12" X 18"	1	I EA	\$150.00	\$150.00
25 . ·	"PEDESTRIAN CROSSING" SIGN 30" X 30"	8	B EA	\$150.00	\$1,200.00
26 .	"AHEAD" SIGN 24" X 12"	4	I EA	\$107.00	\$428.00
27 .	"DIAGONAL ARROW" SIGN (W16-7pL)	4	I EA	\$107.00	\$428.00
28 .	"NO PARKING" SIGN (R8-3a) 24" X 30"	14	I EA	\$150.00	\$2,100.00
29 .	24" PREFORMED PAVEMENT MARKING TAPE PAVEMENT MARKING - WHITE, TYPE 3	338	3 LF	\$23.50	\$7,943.00
30 .	5" CONCRETE SIDEWALK (ADD PER CHANGE ORDER NO. 1)	9,115	SF	\$3.40	\$30,991.00
31 .	DUMP TRUCK (ADD PER CHANGE ORDER NO. 2)	85	HRS	\$90.00	\$7,650.00
32 .	REMOVE AND REPLACE CURB AND GUTTER (ADD PER CHANGE ORDER NO. 3)	14	1 LF	\$34.50	\$483.00
33 .	REMOVE AND REPLACE ADA RAMP (ADD PER CHANGE ORDER NO. 3)	1	I LS	\$1,451.24	\$1,451.24

Estimate	d Construction Costs:	\$289,538.93
	Estimated Soft Costs	
	Engineering Design,	
	Construction Admin,	\$36,944.69
	Testing:	\$953.00
	Review Fee:	\$2,911.57
	Legal:	\$14,476.95
	Fiscal:	\$17,241.27
	Interest:	\$14,410.59
	Duration (Months)	
Total Est	timated Soft Costs:	\$86,938.07
Total Es	timated Costs:	\$376,477.00

SIDEWALKS G.O.

Assumptions/Comments:



All Sidewalks are G.O. except the reimbursable Trail along 120th Street, 10' Trail along 120th Street will be, 1/2 (Future SID) and 1/2 (GO).

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
	Did item pescription	Quantity	UIIIL	Ollit Frice	Total
1.	6" CONCRETE TRAIL		40,731 SF	\$3,19	\$129,931.89
2.	4" CONCRETE SIDEWALK (DEDUCT PER CHANGE ORDER NO. 1)		0 SF	\$3.05	\$0.00
3.	CONSTRUCT MEDIAN SURFACING		2,148 SF	\$6.30	\$13,532.40
4	CONSTRUCT HANDICAP RAMP		938 SF	\$18.00	\$16,884.00
5	CONSTRUCT DETECTABLE WARNING PANEL		64 EA	\$90.00	\$5,760.00
6 7	ADJUST MANHOLE TO GRADE		0 EA	\$220.00	\$0.00
8	ADJUST VALVE TO GRADE ADJUST ELECTRICAL BOX TO GRADE		3 EA	\$240.00	\$720.00
9	COMMON EARTH EXCAVATION		0 EA	\$960.00	\$0.00
10	SUBGRADE PREPARATION		2,410 CY 5,785 SY	\$6.00 \$1.45	\$14,460.00 \$8,388.25
11	GENERAL GRADING AND SHAPING		1 LS	\$9,352.00	\$9,352.00
12	ROLLED EROSION CONTROL. TYPE II		9,025 SY	\$1.25	\$11,281,25
13	SEEDING - TYPE "IRRIGATED LAWN AND TURF SEED		2 AC	\$2,065.00	\$3,840.90
14	SEEDING - TYPE "DRAINAGEWAYS"		0 AC	\$1,250.00	\$175.00
15	STREET SIGN WITH DECORATIVE SWING-PROOF BRACKET		25 EA	\$267.00	\$6,675.00
16	2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP		36 EA	\$299.00	\$10,764.00
17	"STOP SIGN" (R1-1) 30"		12 EA	\$150.00	\$1,800.00
18	"SPEED LIMIT SIGN" (R2-1) 24" X 30"		3 EA	\$150.00	\$450.00
19	MOVEMENT "LEFT TURN ONLY" SIGN (R3-5L) 30" X 36"		3 EA	\$150.00	\$450.00
20	MOVEMENT " LEFT-THRU-RIGHT" SIGN (R3-6) 30" X 48"		2 EA	\$150.00	\$300.00
21	"KEEP RIGHT" SIGN (R4-7) 24" X 30"		11 EA	\$150.00	\$1,650.00
22	"LEFT LANE ENDS" SIGN (W4-2) 36" X 36"		1 EA	\$150,00	\$150.00
23	"NO OUTLET" SIGN (W14-2) 30"X30"		1 EA	\$150.00	\$150.00
24	"PRIVATE DRIVE" SIGN 12" X 18"		1 EA	\$150.00	\$150.00
25	"PEDESTRIAN CROSSING" SIGN 30" X 30"		8 EA	\$150.00	\$1,200.00
26	"AHEAD" SIGN 24" X 12"		4 EA	\$107.00	\$428.00
27	"DIAGONAL ARROW" SIGN (W16-7pL)		4 EA	\$107.00	\$428.00
28	"NO PARKING" SIGN (R8-3a) 24" X 30" 24" PREFORMED PAVEMENT MARKING TAPE PAVEMENT MARKING -		14 EA	\$150.00	\$2,100.00
29	WHITE, TYPE 3		338 LF	\$23.50	\$7,943,00
30	5" CONCRETE SIDEWALK (ADD PER CHANGE ORDER NO. 1)		9,115 SF	\$3.40	\$30,991.00
31	DUMP TRUCK (ADD PER CHANGE ORDER NO. 2) REMOVE AND REPLACE CURB AND GUTTER (ADD PER CHANGE ORDER		85 HRS	\$90.00	\$7,650.00
32	NO. 3)		14 LF	\$34.50	\$483.00
33	REMOVE AND REPLACE ADA RAMP (ADD PER CHANGE ORDER NO. 3)		1 LS	\$1,451.24	\$1,451.24
	4,6,4444	Estimated C	onstruction	Costs:	\$289,538.93
			Esti	mated Soft Costs	
			_	ineering Design, Construction	
				in, Geotechnical & Testing	\$36,944.69
			Test	ing:	\$953.00
			Revi	lew Fee:	\$2,911.57
			Lega	al:	\$14,476.95
			Fisc	al:	\$17,241.27
			Inter Dura	rest: ation (Months)	\$14,410.59
		Total Estima			\$86,938.07
		Total Estima	ted Costs:		\$376,477.00
		Estimated C (See Below)	ontribution	- Future East SID to Trail	\$71,530.77
		Estimated C	ontribution	- Ashbury Farm SID	\$304,946.23

120th STREET SIDEWALKS - Reimbursable



Assumptions/Comments:

Assume 1/2 Sidewalk on East side of 120th Street is reimbursable by future SID to the east

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total	
1.	CONSTRUCT 6" THICK TRAIL	2	9,000 SF	\$3.19	9	\$92,510.00
2.	CONSTRUCT 4" SIDEWALK *DEDUCT PER CHANGE ORDER NO. 1)		0 SF	\$3.05	5	\$0.00
3.	CONSTRUCT HANDI-CAP RAMP		475 SF	\$18.00	0	\$8,550.00
4.	CONSTRUCT 5" SIDEWALK (ADD PER CHANGE ORDER NO. 1)		0 SF	\$3.40	0	\$0.00
		Estimated Con	Estimated Construction Costs:		''' 	\$101,060.00
		Estimated Soft Costs				
			Engineering Design, Construction		uction	
		Admin, Geotechnical & Testing Legal:		ing	\$21,222.60	
					\$5,053.00	
			Fiscal:			\$6,366,78
			Interes Duratio	it: on (Months)		\$9,359.17
		Total Estimated Soft Costs: Total Estimated Costs:			\$42,001.55	
					\$143,061.55	
		Estimated 1/2	Contributio	n - Future East SID		\$71,530.77
		Estimated 1/2	Contributio	n - Ashbu ry Farm S	SID	\$71,530.77

LANDSCAPING



5

Boulevard Landscaping in 120th Street

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	CONSTRUCT IRRIGATION SYSTEM	99,750	SF	\$0.46	\$45,885.00
2	CONSTRUCT METER PIT	1	LS	\$10,950.00	\$10,950.00
3.	REMOBILIZATION	1	LS	\$3,000.00	\$3,000.00
		Estimated Construct	Estimated Construction Costs:		
		Estimated Soft Costs			
		Engineering Design, Constr Admin, Geotechnical & Test Review Fee:		g Design, Construction	
				otechnical & Testing	\$13,825.56
				:	\$568.35
			Legal:		\$2,991.75
			Fiscal:		\$3,861.05
			Interest:		\$5,282.47
		Duration (Months) Total Estimated Soft Costs:		lonths)	
				44%	\$26,529,18
		Total Estimated Cos	Total Estimated Costs:		\$86,364.18

PARKS AQUISITION

Assumptions/Comments:



Outlot F is park land. Purchase price of land was 42,000. 50% max purchase price allows. Also not going to special any of this, so only seeking reimbursement of 50%. So unit price is 25% of 42,000 or \$10,500. Total lot area is 3.41 acres. Drainageway 3:1 + 20 easement is approximaltey .41 acre and wetlands is 0.08 ac and will be donated.

	and wedarius is 0.00 ac and will be donated.			
	Bid Item Description	Approximate Quantity Unit	Unit Price	Tota
1.	PARK ACQUISITION - OUTLOT F	2.92 AC	\$10,500.00	\$30,660.0
		Estimated Construction Cost	s:	\$30,660.06
		Estimate	d Soft Costs	
		Engineering Design and Construction Administration: Legal:		
				\$919.8
				\$613.2
		Fiscal:		\$1,609.6
		Interest:		\$2,366.1
		Duration	(Months)	
		Total Estimated Soft Costs: Total Estimated Costs:		\$5,508.8
				\$36,168.8

LANDSCAPING - G.O.

Assumptions/Comments:



Boulevard Landscaping in 120th Street

	Bid Item Description	Approximate Quantity Unit	Unit Price	Tota
1.	CONSTRUCT IRRIGATION SYSTEM	99750 SF	\$0.46	\$45,885.00
2.	CONSTRUCT METER PIT	1 LS	\$10,950.00	\$10,950.00
3.	REMOBILIZATION	1 LS	\$3,000.00	\$3,000.00
		Estimated Construction Costs	:	\$59,835.00
		Estimated	Soft Costs	
		Fngineerin	g Design, Construction	
			otechnical & Testing	\$13,825.56
		Review Fee	9 :	\$568.35
		Legal:		\$2,991.75
		Fiscal:		\$3,861.05
		Interest: Duration (N	Months)	\$5,282.47
		Total Estimated Soft Costs:	=	\$26,529.18
		Total Estimated Costs:	Г	\$86,364.18

PARKS ACQUISITION - G.O.

Assumptions/Comments:



Outlot F is park land. Purchase price of land was 42,000. 50% max purchase price allows. Also not going to special any of this, so only seeking reimbursement of 50%. So unit price is 25% of 42,000 or \$10,500. Total lot area is 3.41 acresDrainageway 3:1 + 20 easement is approximaltey .41 acre and wetlands is 0.08 ac and will be donated

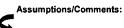
Bid Item Description	Approximate Quantity		Unit Price	Tota
1 . PARK ACQUISITION - OUTLOT F	2.92	AC	\$10,500.00	\$30,660.00
	Estimated Construct			\$30,860.06
			g Design and on Administration:	\$919.86 \$613.20 \$1,609.68 \$2,366.19
	Total Estimated Soft	Costs:		\$5,508.8
	Total Estimated Cos	ts:		\$36,168.8



Unit Price Total \$33.30 \$150,349.50 \$21.95 \$72,808.15 \$19.10 \$9,053.40 \$1,850.00 \$1,850.00 \$3,260.00 \$16,300.00 \$3,485.00 \$27,880.00 \$1,195.00 \$15,960.00 \$1,110.00 \$18,870.00 \$820.00 \$1,640.00 \$420.00 \$840.00 \$265.00 \$530.00 \$637.00 \$1,274.00 \$298.00 \$298.00 \$280.00 \$0.00 \$440.00 \$1,320.00	LF \$33.30 LF \$21.95 LF \$19.10 EA \$1,850.00 EA \$3,260.00 EA \$3,485.00 EA \$1,995.00 EA \$1,110.00 EA \$820.00 EA \$420.00 EA \$268.00 EA \$268.00 EA \$265.00	LF LF EA EA EA EA EA	9 4,515 3,317 474 1 5 8 8 17	1 . CONSTRUCT 12" I.D. WATER MAIN 2 . CONSTRUCT 8" I.D. WATER MAIN 3 . CONSTRUCT 6" I.D. WATER MAIN 4 . CONSTRUCT 6" I.D. WATER MAIN 5 . CONSTRUCT CHLORINE TUBE CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND 5 . BACKING BLOCK 6 . CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY 7 . CONSTRUCT 12" M.J. GATE VALVE AND BOX
\$21.95 \$19.10 \$9,053.40 \$1,850.00 \$1,850.00 \$3,260.00 \$3,485.00 \$1,995.00 \$1,995.00 \$1,995.00 \$1,110.00 \$820.00 \$420.00 \$420.00 \$268.00 \$680.00 \$637.00 \$298.00 \$298.00 \$298.00 \$298.00 \$298.00 \$298.00	LF \$21.95 LF \$19.10 EA \$1,850.00 EA \$3,260.00 EA \$3,485.00 EA \$1,995.00 EA \$1,110.00 EA \$820.00 EA \$420.00 EA \$268.00 EA \$265.00	LF LF EA EA EA EA EA EA	3,317 474 1 5 8 8	2. CONSTRUCT 8" I.D. WATER MAIN 3. CONSTRUCT 6" I.D. WATER MAIN 4. CONSTRUCT CHLORINE TUBE CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND 5. BACKING BLOCK 6. CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY
\$19.10 \$9,053.40 \$1,850.00 \$1,850.00 \$1,850.00 \$3,485.00 \$27,880.00 \$15,960.00 \$1,110.00 \$18,870.00 \$420.00 \$440.00 \$266.00 \$637.00 \$298.00 \$298.00 \$298.00 \$298.00 \$298.00 \$200.00 \$200.00 \$200.00 \$200.00 \$200.00 \$200.00 \$200.00 \$200.00 \$200.00 \$200.00 \$200.00 \$200.00 \$200.00	EA \$1,850.00 EA \$3,260.00 EA \$3,465.00 EA \$1,995.00 EA \$1,110.00 EA \$820.00 EA \$420.00 EA \$268.00 EA \$265.00	EA EA EA EA EA EA	3,317 474 1 5 8 8	 CONSTRUCT 6" I.D. WATER MAIN CONSTRUCT CHLORINE TUBE CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND BACKING BLOCK CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY
\$1,850.00 \$1,850.00 \$3,260.00 \$3,485.00 \$27,880.00 \$15,960.00 \$1,110.00 \$18,870.00 \$420.00 \$4420.00 \$840.00 \$268.00 \$530.00 \$637.00 \$298.00 \$298.00 \$280.00 \$0.00	EA \$1,850.00 EA \$3,260.00 EA \$3,485.00 EA \$1,995.00 EA \$1,110.00 EA \$820.00 EA \$420.00 EA \$268.00 EA \$268.00	EA EA EA EA EA	1 5 8 8 17	4 CONSTRUCT CHLORINE TUBE CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND 5. BACKING BLOCK 6. CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY
\$3,260.00 \$16,300.00 \$3,485.00 \$27,880.00 \$1,995.00 \$15,960.00 \$11,110.00 \$18,870.00 \$420.00 \$4420.00 \$840.00 \$265.00 \$530.00 \$637.00 \$298.00 \$298.00 \$280.00 \$0.00	EA \$3,260.00 EA \$3,485.00 EA \$1,995.00 EA \$1,110.00 EA \$820.00 EA \$420.00 EA \$268.00 EA \$268.00	EA EA EA EA	5 8 8 17	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND 5. BACKING BLOCK 6. CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY
\$3,485.00 \$27,880.00 \$1,995.00 \$15,960.00 \$1,110.00 \$18,870.00 \$820.00 \$1,640.00 \$420.00 \$840.00 \$268.00 \$804.00 \$265.00 \$530.00 \$637.00 \$1,274.00 \$298.00 \$298.00 \$280.00 \$0.00	EA \$3,485.00 EA \$1,995.00 EA \$1,110.00 EA \$820.00 EA \$420.00 EA \$268.00 EA \$265.00	EA EA EA	8 8 17	5 . BACKING BLOCK 6 . CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY
\$3,485.00 \$27,880.00 \$1,995.00 \$15,960.00 \$1,110.00 \$18,870.00 \$820.00 \$1,640.00 \$420.00 \$840.00 \$268.00 \$804.00 \$265.00 \$530.00 \$637.00 \$1,274.00 \$298.00 \$298.00 \$280.00 \$0.00	EA \$3,485.00 EA \$1,995.00 EA \$1,110.00 EA \$820.00 EA \$420.00 EA \$268.00 EA \$265.00	EA EA EA	8 8 17	6. CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY
\$1,995.00 \$15,960.00 \$1,110.00 \$18,870.00 \$820.00 \$1,640.00 \$420.00 \$8640.00 \$2665.00 \$530.00 \$637.00 \$298.00 \$298.00 \$298.00 \$0.00	EA \$1,995.00 EA \$1,110.00 EA \$820.00 EA \$420.00 EA \$268.00 EA \$265.00	EA EA EA	8 17	
\$1,110.00 \$820.00 \$420.00 \$420.00 \$266.00 \$265.00 \$637.00 \$298.00 \$298.00 \$280.00 \$0.00	EA \$1,110.00 EA \$820.00 EA \$420.00 EA \$268.00 EA \$265.00	EA EA	17	7. CONSTRUCT 12" M.J. GATE VALVE AND BOX
\$820.00 \$1,640.00 \$420.00 \$840.00 \$268.00 \$804.00 \$265.00 \$530.00 \$637.00 \$1,274.00 \$298.00 \$298.00 \$280.00 \$0.00	EA \$820.00 EA \$420.00 EA \$268.00 EA \$265.00	EA	• • •	
\$420.00 \$840.00 \$268.00 \$804.00 \$265.00 \$530.00 \$637.00 \$1,274.00 \$298.00 \$298.00 \$280.00 \$0.00	EA \$420.00 EA \$268.00 EA \$265.00			8 . CONSTRUCT 8" M.J. GATE VALVE AND BOX
\$266.00 \$804.00 \$265.00 \$530.00 \$637.00 \$1,274.00 \$298.00 \$298.00 \$280.00 \$0.00	EA \$268.00 EA \$265.00		2	9 . CONSTRUCT 6" M.J. GATE VALVE AND BOX
\$265.00 \$530.00 \$637.00 \$1,274.00 \$298.00 \$298.00 \$280.00 \$0.00	EA \$265.00	EA	2	10 . CONSTRUCT 12"x12"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK
\$637.00 \$1,274.00 \$298.00 \$298.00 \$280.00 \$0.00		EA	3	11 CONSTRUCT 8"x8"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK
\$298.00 \$298.00 \$280.00 \$0.00		EA	2	12 . CONSTRUCT 8"x8"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK
\$280.00 \$0.00	EA \$637.00	EA	2	13 . CONSTRUCT 12"x12" CROSS
•	EA \$298.00	EA	1	14 . CONSTRUCT 8"x6" CROSS
\$440.00 \$1,320.00	EA \$280.00	EA	0	15 . CONSTRUCT 12" 45 DEGREE VERTICAL BEND WITH BACKING BLOCK
	EA \$440.00	EA	3	16 . CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK
\$325.00 \$650.00	EA \$325.00	EA	2	17 . CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK
\$315.00 \$0.00	EA \$315.00	EA	0	18 . CONSTRUCT 12" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK
\$55.00 \$0.00	EA \$55.00	EA	Ō	19 . CONSTRUCT 6" x 11.25 DEGREE HORIZONTAL BEND WITH BACKING BLOCK
\$185,00 \$0.00	EA \$185.00	EA	0	20 CONSTRUCT 6" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK
\$250.00 \$500.00	EA \$250.00	EA	2	21 . CONSTRUCT 12" x 11.25 DEGREE HORIZONTAL BEND WITH BACKING BLOCK
\$210,00 \$630.00	EA \$210.00	EA	3	22 . CONSTRUCT 12" X 8" REDUCER
\$210.00 \$0.00	EA \$210.00	EA	0	23 . CONSTRUCT 12" X 6" REDUCER
\$1,040.00 \$0.00	EA \$1,040.00	EA	0	24 . CONSTRUCT 12" PIPE PLUG
\$290.00 \$0.00	EA \$290.00	EA	0	25 . CONSTRUCT 8" PIPE PLUG
				CONSTRUCT 16"x16"x12" LIVE TAP TEE ASSEMBLY, 12" M.J. GATE VALVE WITH
\$5,320.00 \$5,320.00	EA \$5,320.00	EA	1	26 BOX AND BACKING BLOCK
\$260.00 \$41,600.00	LF \$260.00	LF	160	27 . BORE AND JACK 20" STEEL CASING W/ 12" D.I.P.
\$550.00 \$0.00	AC \$550.00	AC	0	28 MULCH
\$900.00 \$0.00	AC \$900.00	AC	0	29 . TEMPORARY SEEDING
				PER CHANGE ORDER NO. 1
\$440.00 \$440.00	EA \$440.00	EA	1	30 . CONSTRUCT 12"X12"X12" M.J. TEE ASSEMBLY AND BACKING BLOCK
				PER CHANGE ORDER NO. 2
\$4,190.00 \$8,380.00	EA \$4,190,00	EΑ	2	31 . CONSTRUCT TYPE II HYDRANT WITH VALVE BOX EXTENSION
\$3,820.00 \$3,820.00		EA	1	32 . CONSTRUCT TYPE VII HYDRANT
\$4,685.00 \$9,370.00			2	33 . CONSTRUCT TYPE VII MODIFIED HYDRANT WITH BACKING BEAM
\$70.00 \$9,100.00	LF \$70.00	LF	130	34 . CONSTRUCT 8" OPEN BORE
\$40.00 \$2,000.00	LF \$40.00	LF	50	35 . CONSTRUCT 12" OPEN BORE
\$140.00 \$840.00		EA	6	36 . CONSTRUCT 18" BOX EXTENSION
\$500.00 \$500.00			1	37 . REMOVE AND REPLACE EMBANKMENT FOR CASING BORE

2	EA	\$4,685.00	\$9,370.00
130	LF	\$70.00	\$9,100.00
50	LF	\$40.00	\$2,000.00
6	EA	\$140.00	\$840.00
1	LS	\$500.00	\$500.00
-			
Construction	Costs:		\$402,927.05
	Soft Costs		
	Engineering	Design, Construction	\$78,106.69
	Testing:	Design, Construction	\$0.00
	Review Fee:		\$4,196.16
	Legal:		\$20,146.37
	Fiscal:		\$25,765.31
	Interest:		\$39,630.27
	Interest.		\$39,030.27
Total Soft Cos	its:		\$167,844.80
Total Costs:			\$570,771.85

CAPITAL FACILITIES CHARGES



Final - Phases 1 & 2

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . 2 . 3 . 3 .	CAPITAL FACILITIES CHARGES - RESIDENTIAL CAPITAL FACILITIES CHARGES - COMMERCIAL/MIXED USE CAPITAL FACILITIES CHARGES - OUTLOTS (B, C, D & F) CREDIT	44.520	LOTS AC AC %	\$1,970.00 \$5,625.00 \$5,520.00 \$506,190.63	\$216,700.00 \$250,430.63 \$39,060.00 -\$126,547.65
		Construction Co	osts: ed Soft Co	ests	\$379,642.98
		F	_egal: Fiscal: terest:		\$7,592.86 \$20,504.23 \$46,794.03
		Total Soft Costs	s:		\$74,891.12
		Total Costs:			\$454,534.10

City Infrastructure Contribution

Assumptions/Comments:

Contribution per Jeff Thompson on 2/6/2013 is \$1,356,000 x 60% . Final invoice recommendation 8/1/17

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . 2 .	Contribution to City Infrastructure-Invoice 1 Contribution to City Infrastructure-Invoice 2 (FINAL)	1.0 1.0	LS LS	\$417,892.90 \$373,531.04	\$417,892.90 \$373,531.04
		Estimated Cor	struction	Costs:	\$791,423.94
		Estima	ed Soft C	osts	
			Legal: Fiscal: nterest: Duration (N	fonths)	\$15,828.48 \$40,362.82 \$29,666.53
		Total Estimate	d Soft Co	sts: 1	1%\$85,857.63
		Total Estimate	d Costs:		\$877,281.57

WATER INTERIOR G.O.





FINAL
Cost difference for Water Main larger than 8" is GO; and
Water main constructed outside District Boundary

	Did have Beautifular	Approximate Quantity Unit	Halk Balan	÷
	Bid Item Description	Quantity Unit	Unit Price	Tota
1.	CONSTRUCT 12" I.D. WATER MAIN	418 LF	\$33.30	\$13,916.07
1A .	CONSTRUCT 12" I.D. WATER MAIN	4.097 LF	\$11.35	\$46.502.08
2.	CONSTRUCT 8" I.D. WATER MAIN	0 LF	\$21.95	\$0,00
3.	CONSTRUCT 6" I.D. WATER MAIN	0 LF	\$19.10	\$0.00
4	CONSTRUCT CHLORINE TUBE	0 EA	\$1,850.00	\$0.00
	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY			
5.	AND BACKING BLOCK	0 EA	\$3,260,00	\$0.00
6.	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	0 EA	\$3,485,00	\$0.00
7.	CONSTRUCT 12" M.J. GATE VALVE AND BOX	8 EA	\$885,00	\$7,080,00
8.	CONSTRUCT 8" M.J. GATE VALVE AND BOX	0 EA	\$1,110.00	\$0.00
9.	CONSTRUCT 6" M.J. GATE VALVE AND BOX	0 EA	\$820,00	\$0.00
10 .	CONSTRUCT 12"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	2 EA	\$152.00	\$304.00
11	CONSTRUCT 8"x8"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	0 EA	\$268.00	\$0.00
12 .	CONSTRUCT 8"x8"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK	0 EA	\$265.00	\$0.00
13 .	CONSTRUCT 12"x12" CROSS	2 EA	\$339.00	\$678.00
14 .	CONSTRUCT 12 X12 CROSS CONSTRUCT 8"x6" CROSS	0 EA	\$298.00	\$0.00
	***************************************			\$0.00
15 .	CONSTRUCT 12" 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	0 EA	\$280.00	\$0.00
	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING			
16 .	BLOCK	2 EA	\$440.00	\$880.00
	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING			
16A .	BLOCK	1 EA	\$215.00	\$215.00
	CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING			
17.	BLOCK	2 EA	\$77,00	\$154.00
	CONSTRUCT 12" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING			
18.	BLOCK	0 EA	\$117.00	\$0.00
	CONSTRUCT 6" x 11,25 DEGREE HORIZONTAL BEND WITH BACKING			
19.	BLOCK	0 EA	\$55.00	\$0.00
	CONSTRUCT 6" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING			
20 .	BLOCK	0 EA	\$185,00	\$0,00
	CONSTRUCT 12" x 11.25 DEGREE HORIZONTAL BEND WITH BACKING		*******	
21.	BLOCK	2 EA	\$155.00	\$310,00
22 .	CONSTRUCT 12" X 8" REDUCER	3 EA	\$210.00	\$630.00
23 .	CONSTRUCT 12" X 6" REDUCER	0 EA	\$210,00	\$0.00
24 .	CONSTRUCT 12" PIPE PLUG	0 EA	\$1,040.00	\$0.00
25 .	CONSTRUCT 8" PIPE PLUG	0 EA	\$290.00	\$0.00
25.	CONSTRUCT 16"x16"x12" LIVE TAP TEE ASSEMBLY, 12" M.J. GATE VALVE	0 22	\$250,00	₩0.00
00		1 EA	\$5.320.00	\$5,320.00
26 .	WITH BOX AND BACKING BLOCK	160 LF	\$260.00	\$41.600.00
27 .	BORE AND JACK 20" STEEL CASING W/ 12" D.I.P.			
28	MULCH	0 AC	\$550.00	\$0.00
29 .	TEMPORARY SEEDING	0 AC	\$900.00	\$0.00
	PER CHANGE ORDER NO. 1			
30 .	CONSTRUCT 12"X12"X12" M.J. TEE ASSEMBLY AND BACKING BLOCK	1 EA	\$172.00	\$172.00
	PER CHANGE ORDER NO. 2			
31.	CONSTRUCT TYPE II HYDRANT WITH VALVE BOX EXTENSION	0 EA	\$4,190.00	\$0.00
32 .	CONSTRUCT TYPE VII HYDRANT	0 EA	\$3,820.00	\$0.00
33 .	CONSTRUCT TYPE VII MODIFIED HYDRANT WITH BACKING BEAM	0 EA	\$4,685.00	\$0.00
34 .	CONSTRUCT 8" OPEN BORE	0 LF	\$70.00	\$0.00
35 .	CONSTRUCT 12" OPEN BORE	50 LF	\$40.00	\$2,000.00
36 .	CONSTRUCT 18" BOX EXTENSION	0 EA	\$140.00	\$0.00
37 .	REMOVE AND REPLACE EMBANKMENT FOR CASING BORE	1 LS	\$500.00	\$500.00
	· · · · · · · · · · · · · · · · · · ·		 	
	Co	nstruction Costs:		\$120,281,16

Construction Costs: Estimated Soft Costs Engineering Design, Construction Admin: Testing: Review Fee: Legal: Fiscal: interest: \$15,606.69 \$0.00 \$1,252.42 \$6,013.06 \$7,690.14 \$11,828.40 **Total Soft Costs:** \$42,390.72

\$162,651.87 **Total Costs:**

CAPITAL FACILITIES CHARGES - COMMERCIAL



Assumptions/Comments:

50% of Commercial/Mixed Use Capital Facilities Charges - General Obligation 50% of Commercial/Mixed Use paid privately

Tota	Unit Price	Unit	Approximate Quantity	Bid Item Description
\$0.0	\$1,970,00	LOTS	0	CAPITAL FACILITIES CHARGES - RESIDENTIAL
\$250,425,0	\$5,625,00	AC	44,520	CAPITAL FACILITIES CHARGES - COMMERCIAL/MIXED USE
\$0.0	\$5,520.00	AC	0.00	CAPITAL FACILITIES CHARGES - OUTLOTS (B. C. D & F)
-\$62,607.6	-\$126,547.65	%	49.47%	CREDIT (Pro-rated share)
\$187,817.3	 		Construction Costs:	
	osts	ted Soft Co	Estimat	

Legal: Fiscal: Interest: \$3,756.46 \$10,144.18 \$23,150.68

Total Soft Costs:

\$37,051.32

Total Costs:

\$224,868.66

Total Private Costs (50%):

\$112,434.33

City Infrastructure Contribution - G.O.



Assumptions/Comments:

Contribution per Jeff Thompson on 2/6/2013 is $$1,356,000 \times 60\%$. Final invoice recommendation 8/1/17

	Bid Item Description	Approximate Quantity Unit	Unit Price	Total
1.	Contribution to City Infrastructure-Invoice 1 Contribution to City Infrastructure-Invoice 2 (FINAL)	1.0 LS 1.0 LS	\$417,892.90 \$373,531.04	\$417,892.90 \$373,531.04
		Estimated Construction Costs	:	\$791,423.94
		Estimated	Soft Costs	
		Legal: Fiscal: Interest: Duration (M	lonths)	\$15,828.48 \$40,362.62 \$29,666.53
		Total Estimated Soft Costs:		11% \$85,857.63
		Total Estimated Costs:		\$877,281.57

POWER

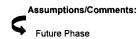


Assumptions/Comments:

Final - Phase 1 Residential

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	UNDERGROUND SERVICE - RESIDENTIAL	62	LOT	\$880.00	\$54,560.00
		Construction Costs:			\$54,560.00
			Soft Costs		
			Engineering	Design, Construction	
			Admin:	<u> </u>	\$13,650.00
			Legal:		\$1,091.20
			Fiscal: Interest:		\$3,599.48 \$6,891.99
		Total Soft Costs:			\$25,232.67
		Total Costs:			\$79,792.67

POWER



	Bid Item Description	Approximate Quantity Unit	Unit Price	Total
1.	UNDERGROUND SERVICE - COMMERCIAL	0.000 AC	\$3,150,00	\$0.00
		Estimated Construction Cost	3:	\$0.00
		Estimated	I Soft Costs	
		Engineerin	g Design, Construction	
			otechnical & Testing	\$0.00
		5.00% Legal:	_	\$0.00
		5.00% Fiscal:		\$0.00
		7.00% Interest:		\$0.00
		9 Duration (Months)	
		Total Estimated Soft Costs:	0%	\$0.00
		Total Estimated Costs:		\$0.00

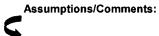
DECORATIVE STREET LIGHTS

Assumptions/Comments:

Using OPPD decorative street light yearly rate, fee and cost differentials PDF provided by Pat Carnazzo with OPPD Using Acorn style street lights with decorative base and assumed 180' spacing (15,000 if of streets).

	Bid Item Description	Approximate Quantity		Unit Price	Total
1.	DECORATIVE STREET LIGHTS	58	EA	2.050.00	\$118,900.00
		Construction Costs:			\$118,900.00
			Soft Cost: Engineerin Legal: Fiscal: Interest:	<u>s</u> g Design and	\$11,513.70 \$2,378.00 \$6,779.35 \$10,609.38
		Total Soft Costs:			\$31,280.43
		Total Costs:			\$150,180.43

CIVIL DEFENSE SIREN



	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	Civil Defense Siren	1	LS	\$30,000.00	\$30,000.00
	Es	timated Construc	tion Costs:		\$30,000.00
			Estimated S	Soft Costs	
	•		Engineering	Design, Construction	
				technical & Testing	\$7,500.00
			Legal:	_	\$1,500.00
			Fiscal:		\$1,950.00
			Interest:	-	\$1,433.25
			Duration (Mo	onths)	
	То	tal Estimated Sof	ft Costs:	41%	\$12,383.25
	То	tal Estimated Cos	sts:	ļ 	\$42,383.25

S.I.D. Cost Estimate

Ashbury Farm - Phase 2 112043.22 SID No. 293 10/8/2018

Ashbury Farm, Sarpy County SID 293 ORDER OF MAGNITUDE COST ESTIMATE

Phase 2

Proposed Improvement	Quantity	Unit	Construction Cost	Total Cost	General Obligation	Special	Future SID Reimbursable	City of Pepillion Reimbursable	Sarpy County Reimbursable	Private
SANITARY SEWER Interior	3070	LF	\$231,700,00	\$333,200.00	\$0.00	\$333,200.00	\$0.00	\$0.00	\$0.00	\$0,00
STORM SEWER	5375	LF	\$171,600.00	\$241,000.00	\$241,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PAVING Minor	10150	SY	\$448,600.00	\$629,600.00	\$74,600.00	\$555,000.00	\$0,00	\$0.00	\$0.00	\$0.00
SIDEWALKS	1830	SF	\$15,000.00	\$21,100.00	\$21,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0,00
LANDSCAPING	0	LS	\$0,00	\$0.00	\$0.00	\$0,00	\$0.00	\$0.00	\$0.00	\$0,00
REGULATORY SIGNS	21	EA	\$30,400.00	\$43,600.00	\$43,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PARKS ACQUISITION	0.00	AC	\$0.00	\$0.00	\$0.00	\$0,00	\$0.00	\$0.00	\$0,00	\$0.00
WATER Interior Capital Facilities Charge	3755 0	LF Lots	\$228.100.00 \$0.00	\$322,600.00 \$0,00	\$73,500.00 \$0.00	\$249,100,00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
POWER	•	Loto	40.00	40,55	₩5,50	•0.00	40.00	\$0.50	40,00	40.00
Residential Service	48	Lots	\$64,800.00	\$88,800.00	\$0.00	\$88,800.00	\$0.00	\$0.00	\$0.00	\$0.00
Commercial Service	0	AC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Decorative Street Lights	16	EA	\$32,800,00	\$37,400.00	\$37,400.00	\$0,00				
CIVIL DEFENSE SIREN	0	LS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PLAN REVIEW FEE	1	%	\$11,300.00	\$12,600.00	\$3,600,00	\$9,000.00	\$0,00	\$0.00	\$0,00	\$0.00

\$1,234,300,00 \$1,729,900,00 \$494,800,00 \$1,235,100,00 \$0,00 \$0,00 \$0,00

DEBT RATIO

A99	UMP	HO	ИS

Average market Value Per Residential Lot = \$85,000.00

(land value only)

- *445 000 00

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

\$415,000.00

Commercial Land Value per square foot

\$8.00

Commercial Building Value per square foot (Includes Land)

\$85.00

ASSESSABLE VALUATION

Residential Lot	48	Units =	\$85,000.00 =	\$4,080,000.00
Residential Improvements	48	Units =	\$415,000.00 =	\$19,920,000.00
Commercial Land	0.00	AC =	\$348,480.00 =	\$0.00
Commercial Building (20% of Lot Area)	0	SF ≃	\$85.00 =	\$0.00

Total 100% Valuation = \$24,000,000.00

Total 95% Valuation = \$22,800,000.00

DEBT RATIO = 2.17%

SANITARY SEWER - INTERIOR



	Bid Item Description	Approximate Quantity Unit	Unit Price		Total
1.	CLEARING AND GRUBBING GENERAL	1 LS	\$5.000,00		\$5.000.00
2	CONSTRUCT 6" SANITARY SEWER PIPE	1270 LF	\$24.00		\$30,480,00
3.	CONSTRUCT 8" SANITARY SEWER PIPE	3070 LF	\$25.00		\$76,750.00
4.	CONSTRUCT 6" PIPE BEDDING	1270 LF	\$5,00		\$6,350.00
5.	CONSTRUCT 8" PIPE BEDDING	3070 LF	\$6.00		\$18,420.00
6.	CONSTRUCT 54" I.D. SANITARY MANHOLE (15 EA)	180 VF	\$400.00		\$72,000.00
7.	REMOVE EXISTING PIPE PLUG AND CONSTRUCT 8" CONNECTION TO EXISTING STUB	1 EA	\$500.00		\$500.00
8.	CONSTRUCT 8" X 6" WYE	34 EA	\$100.00		\$3,400.00
9.	CONSTRUCT 8" PIPE PLUG	1 EA	\$250,00		\$250.00
10.	CONSTRUCT MANHOLE STUBOUT	11 EA	\$100,00		\$1,100,00
11 .	STABILIZE TRENCH W/ CRUSHED LIMESTONE	200 TN	\$35.00		\$7,000.00
	CONTINGENCY	5 %			\$10,465.13
		Estimated Construction Co	sts:		\$231,715.13
		<u>Estimat</u>	ed Soft Costs		
		21.00% Construc	ing Design and tion Administration: nical and Testing: (Months)	-	\$48,660.18 \$4,634.30 \$11,585.76 \$14,829.77 \$21,799,76
		Total Estimated Soft Costs:		44%	\$101,509.76
		Total Estimated Costs:			\$333,224.89

SANITARY SEWER - INTERIOR G.O.





	Bid Item Description	Approximate Quantity Unit	Unit Price		Total
1	CLEARING AND GRUBBING GENERAL	0 LS	\$5,000.00		\$0.00
2	CONSTRUCT 6" SANITARY SEWER PIPE	0 LS	\$5,000.00 \$24.00		\$0.00
3	CONSTRUCT 8" SANITARY SEWER PIPE	0 LF	\$25.00		\$0.00
4	CONSTRUCT 6" PIPE BEDDING	0 LF	\$5.00		\$0.00
5	CONSTRUCT 8" PIPE BEDDING	0 LF	\$6.00		\$0.00
6	CONSTRUCT 54" I.D. SANITARY MANHOLE (15 EA)	0 VF	\$400.00		\$0.00
7	REMOVE EXISTING PIPE PLUG AND CONSTRUCT 8" CONNECTION TO EXIST	0 EA	\$500.00		\$0.00
8	CONSTRUCT 8" X 6" WYE	0 EA	\$100.00		\$0.00
9	CONSTRUCT 8" PIPE PLUG	0 EA	\$250.00		\$0.00
10	CONSTRUCT MANHOLE STUBOUT	0 EA	\$100.00		\$0.00
11	STABILIZE TRENCH W/ CRUSHED LIMESTONE	0 TN	\$35.00		\$0.00
	CONTINGENCY	5 %			\$0.00
	Est	imated Construction Costs:			\$0.00
		Estimated :	Soft Costs		
		Engineering	Design and		
		21,00% Construction	n Administration:		\$0.00
		2.00% Geotechnica	al and Testing:		\$0.00
		5.00% Legal:			\$0.00
		5.00% Fiscal:			\$0.00
		7.00% Interest:			\$0.00
		12 Duration (Me	onths)		
	Tot	al Estimated Soft Costs:		0%	\$0.00
	Tot	al Estimated Costs:			\$0.00

STORM SEWER



		Approximate		
	Bid Item Description	Quantity Unit	Unit Price	Total
1.	CLEARING AND GRUBBING GENERAL	1 LS	\$2,500.00	\$2,500.00
2.	REMOVE 15" STORM SEWER PIPE	50 LF	\$15.00	\$750.00
3.	REMOVE CMP RISER AND BASE	1 EA	\$500.00	\$500.00
4.	CLEANOUT SILT BASIN - BASIN MODIFICATION (ESTABLISHED QUANTITY)	2709 CY	\$6.00	\$16,254.00
5.	EXCAVATE UNSUITABLE MATERIAL (REMOVE, SPREAD, AND REPLACE)	250 CY	\$6.00	\$1,500.00
6.	STRIP, STOCKPILE, AND RESPREAD TOPSOIL (ESTABLISHED QUANTITY) EARTHWORK EXCAVATION - BASIN MODIFICATION (ESTABLISHED	290 CY	\$6.00	\$1,740.00
7.	QUANTITY)	2124 CY	\$8.00	\$16,992.00
8.	GENERAL GRADING AND SHAPING	1 LS	\$5,000.00	\$5,000.00
9.	CONSTRUCT 18" R.C.P., CLASS III	995 LF	\$40.00	\$39,800.00
10 .	CONSTRUCT 24" R.C.P., CLASS III	70 LF	\$60.00	\$4,200.00
11 .	CONSTRUCT 30" R.C.P., CLASS III	75 LF	\$70.00	\$5,250.00
12.	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	145 LF	\$85.00	\$12,325.00
13 .	CONSTRUCT 24" R.C. FLARED END SECTION	1 EA	\$1,000.00	\$1,000.00
14 .	CONSTRUCT 36" R.C. FLARED END SECTION	1 EA	\$1,750.00	\$1,750.00
15 .	CONSTRUCT 54" I.D. FLATTOP MANHOLE (2 EA)	14 VF	\$600.00	\$8,400.00
16 .	CONSTRUCT 72" I.D. FLATTOP MANHOLE (2 EA)	18 VF	\$750.00	\$13,500.00
17 .	CONSTRUCT 18" PIPE BEDDING	995 LF	\$8.00	\$7,960.00
18.	CONSTRUCT 24" PIPE BEDDING	70 LF	\$9.00	\$630.00
19.	CONSTRUCT 30" PIPE BEDDING	75 LF	\$12.00	\$900.00
20 .	CONSTRUCT 36" PIPE BEDDING	145 LF	\$15.00	\$2,175.00
21 .	STABILIZE TRENCH W/ CRUSHED LIMESTONE	100 TN	\$35.00	\$3,500.00
22 .	CONSTRUCT POND OUTLET STRUCTURE (BASIN E)	1 EA	\$1,000.00	\$1,000.00
23 .	CONSTRUCT RIP-RAP APRON - (NDOR TYPE "B")	20 TON	\$60.00	\$1,200.00
24 .	CONSTRUCT ANTI-SEEP COLLAR	1 EA	\$1,500.00	\$1,500.00
25 .	CONSTRUCT ROCK ACCESS ROAD	100 TN	\$35.00	\$3,500.00
26 .	CLEANOUT SILT BASIN	500 CY	\$6.00	\$3,000.00
27 .	CONSTRUCT SILT FENCE	500 LF	\$3.00	\$1,500.00
28 .	CLEANOUT SILT FENCE	500 LF	\$1.50	\$750.00
29 .	REMOVE SILT FENCE	500 LF	\$1.00	\$500.00
30 .	SEEDING - TYPE "TEMPORARY SEED MIX"	2 AC	\$1,000.00	\$2,000.00
31 .	HAY OR STRAW MULCH	2 AC	\$500.00	\$1,000.00
32 .	ROLLED EROSION CONTROL, TYPE II	500 SY	\$3.00	\$1,500.00
	CONTINGENCY	5%	\$164,076.00	\$7,498.27

Estimated	Construction	Caste

\$171,574.27

Estimated Soft Costs

	Engineering Design and	
19.00%	Construction Administration:	\$32,599.11
1.00%	Geotechnical and Testing:	\$1,715.74
5.00%	Legal:	\$8,578.71
5.00%	Fiscal:	\$10,723.39
7.00%	Interest:	\$15,763.39
12	Duration (Months)	

Total	l Fe	timated	Soft	Coete.

40% \$69,380.35

Total Estimated Costs:

\$240,954.62

STORM SEWER G.O.



		Approximate		
T	Unit Price	Quantity Unit	Bid Item Description	
\$2,500	\$2,500.00	1.00 LS	CLEARING AND GRUBBING GENERAL	1.
\$750	\$15,00	50,00 LF	REMOVE 15" STORM SEWER PIPE	2.
\$500	\$500,00	1.00 EA	REMOVE CMP RISER AND BASE	3.
\$18,254	\$6.00	2709.00 CY	CLEANOUT SILT BASIN - BASIN MODIFICATION (ESTABLISHED QUANTITY)	4.
\$1,500	\$6.00	250.00 CY	EXCAVATE UNSUITABLE MATERIAL (REMOVE, SPREAD, AND REPLACE)	5.
\$1,740	\$6.00	290.00 CY	STRIP, STOCKPILE, AND RESPREAD TOPSOIL (ESTABLISHED QUANTITY)	6.
\$18,992	\$8.00	2124.00 CY	EARTHWORK EXCAVATION - BASIN MODIFICATION (ESTABLISHED QUANTI	7.
\$5,000	\$5,000,00	1,00 LS	GENERAL GRADING AND SHAPING	8.
\$39,800	\$40.00	995.00 LF	CONSTRUCT 18" R.C.P., CLASS III	9.
\$4,200	\$60,00	70.00 LF	CONSTRUCT 24" R.C.P., CLASS III	10.
\$5,250	\$70.00	75.00 LF	CONSTRUCT 30" R.C.P., CLASS III	11 .
\$12,325	\$85.00	145.00 LF	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	12 .
\$1,000	\$1,000.00	1.00 EA	CONSTRUCT 24" R.C. FLARED END SECTION	13 .
\$1,750	\$1,750.00	1.00 EA	CONSTRUCT 36" R.C. FLARED END SECTION	14 .
\$8,400	\$600.00	14.00 VF	CONSTRUCT 54" I.D. FLATTOP MANHOLE (2 EA)	15 .
\$13,500	\$750.00	18.00 VF	CONSTRUCT 72" I.D. FLATTOP MANHOLE (2 EA)	16 .
\$7,960	\$8.00	995.00 LF	CONSTRUCT 18" PIPE BEDDING	17 .
\$630	\$9.00	70.00 LF	CONSTRUCT 24" PIPE BEDDING	18 .
\$900	\$12.00	75.00 LF	CONSTRUCT 30" PIPE BEDDING	19.
\$2,175	\$15.00	145.00 LF	CONSTRUCT 36" PIPE BEDDING	20 .
\$3,500	\$35,00	100.00 TN	STABILIZE TRENCH W/ CRUSHED LIMESTONE	21 .
\$1,000	\$1,000.00	1.00 EA	CONSTRUCT POND OUTLET STRUCTURE (BASIN E)	22 .
\$1,200	\$60,00	20.00 TON	CONSTRUCT_RIP-RAP APRON - (NDOR TYPE "B")	23 .
\$1,500	\$1,500,00	1.00 EA	CONSTRUCT ANTI-SEEP COLLAR	24 .
\$3,500	\$35,00	100,00 TN	CONSTRUCT ROCK ACCESS ROAD	25 .
\$3,000	\$6.00	500.00 CY	CLEANOUT SILT BASIN	26 .
\$1,500	\$3.00	500.00 LF	CONSTRUCT SILT FENCE	27 .
\$750	\$1.50	500.00 LF	CLEANOUT SILT FENCE	28 .
\$500	\$1.00	500.00 LF	REMOVE SILT FENCE	29 .
\$2,000	\$1,000.00	2.00 AC	SEEDING - TYPE "TEMPORARY SEED MIX"	30.
\$1,000	\$500.00	2.00 AC	HAY OR STRAW MULCH	31.
\$1,500	\$3.00	500,00 SY	ROLLED EROSION CONTROL, TYPE II	32 .
\$7,498	\$164,076.00	5%	CONTINGENCY	

	_	
Fetimated	Construction	Chete

\$171,574.27

Estimated Soft Costs

	Engineering Design and	
19.00%	Construction Administration:	\$32,599.11
1.00%	Geotechnical and Testing:	\$1,715.74
5.00%	Legal:	\$8,578.71
5.00%	Fiscal:	\$10,723.39
7.00%	Interest:	\$15,763.39
12	Duration (Months)	

40% \$69,380.35

Total Estimated Costs:

\$240,954.62

PAVING MINOR



Assumptions/Comments:

Includes residential only

Tota	Unit Price	Approximate Quantity Unit	Bid Item Description	
\$355,250.0	\$35.00	10150 SY	7" CONCRETE PAVEMENT - TYPE L65	1.
\$0.0	\$36,00	0 SY	9" CONCRETE PAVEMENT - TYPE L65	2.
\$13,533,3	\$4,00	3383 CY	COMMON EARTHWORK EXCAVATION	3.
\$0.0	\$250.00	0 EA	MEDIAN NOSE	4.
\$2,850,0	\$150.00	19 EA	ADJUST MANHOLE TO GRADE	5.
\$6,650.0	\$350.00	19 EA	EXTERNAL FRAME SEAL	6.
\$9,000.0	\$3.000.00	3 EA	CONSTRUCT CURB INLET - TYPE I	7.
\$12,000.0	\$3,000.00	4 EA	CONSTRUCT CURB INLET - TYPE III	8.
			PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL - WHITE	
\$0.0	\$350.00	0 EA	"ONLY"	9.
			PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL - WHITE	
\$0.0	\$350.00	0 EA	DIRECTIONAL ARROW	10.
****			4" PREFORMED PAVEMENT MARKING TAPE PAVEMENT MARKING -	
\$0.0	\$3.00	0 LF	WHITE	11.
			24" PREFORMED PAVEMENT MARKING TAPE PAVEMENT MARKING -	
\$0.0	\$20.00	0 LF	WHITE	12.
\$0.0	\$10.00	0 CY	TOPSOIL PLACEMENT	13.
\$1,200.0	\$3.00	400 LF	CONSTRUCT SILT FENCE	14
\$312,5	\$1.25	250 LF	CLEANOUT SILT FENCE	15
\$3,000.0	\$3.00	1000 CY	CLEANOUT SILT BASIN	16
\$500.0	\$500,00	1 AC	SEEDING - TYPE "TEMPORARY SEED MIX"	17
\$450.0	\$450.00	1 AC	HAY OR STRAW MULCH	18
\$3,070.0	\$1.00	3070 LF	JET EXISTING SEWER	19 .
\$40,781.5		10 %	CONTINGENCY	

\$448,597.42

Estimated Soft Costs

	Engineering Design and	
20.00%	Construction Administration:	\$89,719.48
2.00%	Geotechnical and Testing:	\$8,971.95
5.00%	Legal:	\$22,429.87
5,00%	Fiscal:	\$28,485.94
7.00%	Interest:	\$31,405.74
9	Duration (Months)	

Total Estimated Soft Costs:

\$181,012.98

Total Estimated Costs:

\$629,610.40

PAVING IN EXCESS OF 6" THICK

Assumptions/Comments:

Papillion policy for standard pavement is only in excess of 7"

	Bid Item Description	Approximate Quantity Unit Unit Price	Total
1.	1" CONCRETE PAVEMENT 3" CONCRETE PAVEMENT	0 SY \$35.00 0 SY \$31.00	\$0.00 \$0.00
FORMULA:	7" PAVEMENT 10,150 SY - G.O. PAVEMENT QUANTITY -593	Estimated Construction Costs:	\$0.00
		9,557	
FORMULA:	9,557 SY X (1/7") = 1,365 SY 9" PAVEMENT QUANTITY	<u>Estimated Soft Costs</u> 20.00% Engineering Design and	\$0.00
	0 SY X (3/7") = 0 SY	0 2.00% Geotechnical and Testing: 5.00% Legal: 5.00% Fiscal: 7.00% Interest: 9 Duration (Months)	\$0.00 \$0.00 \$0.00 \$0.00
		Total Estimated Soft Costs: 0.0%	\$0.00
		Total Estimated Costs:	\$0,00

PAVING MINOR G.O.

Assumptions/Comments:

Intersection paving and extra width paving beyond 25'

			Approximate	5 1111 5 111	
Tota	Unit Price	Unit	Quantity	Bid Item Description	
\$20,755.0	\$35.00	SY	593	7" CONCRETE PAVEMENT - TYPE L65	1.
\$0.0	\$36.00	SY	0	9" CONCRETE PAVEMENT - TYPE L65	2.
\$790.6	\$4.00	CY	198	COMMON EARTHWORK EXCAVATION	3.
\$0.0	\$250.00	EA	0	MEDIAN NOSE	4
\$300.0	\$150.00	EA	2	ADJUST MANHOLE TO GRADE	5.
\$0.0	\$350.00	EA	0	EXTERNAL FRAME SEAL	6.
\$9,000.0	\$3,000.00	EA	3	CONSTRUCT CURB INLET - TYPE I	7.
\$12,000.0	\$3,000.00	EA	4	CONSTRUCT CURB INLET - TYPE III	8.
				PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL - WHITE	
\$0.0	\$350.00	EA	0	"ONLY"	9.
				PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL - WHITE	
\$0.0	\$350.00	EA	0	DIRECTIONAL ARROW	10 .
\$0.0	\$3.00	LF	0	4" PREFORMED PAVEMENT MARKING TAPE PAVEMENT MARKING - WHITE 24" PREFORMED PAVEMENT MARKING TAPE PAVEMENT MARKING -	11 .
\$0.0	\$20.00	LF	0	WHITE	12.
\$0.0	\$10.00	CY	0	TOPSOIL PLACEMENT	13 .
\$1,200.0	\$3.00	LF	400	CONSTRUCT SILT FENCE	14
\$312.5	\$1.25	LF	250	CLEANOUT SILT FENCE	15
\$3,000.0	\$3.00	CY	1000	CLEANOUT SILT BASIN	16
\$500.0	\$500.00	AC	1.	SEEDING - TYPE "TEMPORARY SEED MIX"	17
\$450.0	\$450.00	AC	1	HAY OR STRAW MULCH	18
\$0.0	\$1.00	LF	0	JET EXISTING SEWER	19 .
\$4,830.8		%	10	CONTINGENCY	

Estimated Construction Costs:

\$53,138.98

Estimated Soft Costs

	Engineering Design and	
20.00%	Construction Administration:	\$10,627.80
2.00%	Geotechnical and Testing:	\$1,062,78
5.00%	Legal:	\$2,656.95
5.00%	Fiscal:	\$3,374.33
7.00%	Interest:	\$3,720.19
9	Duration (Months)	

Total Estimated Soft Costs: Total Estimated Costs:

\$21,442.04

\$74,581.03

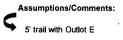
PAVING IN EXCESS OF 6" THICK - G.O.

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 2 . 3" CONCRETE PAVEMENT	0 SY \$35.00 0 SY \$31.00	\$0.00 \$0.00
FORMULA: 7" PAVEMENT 10,150 SY	Estimated Construction Costs:	\$0.00
- G.O. PAVEMENT QUANTITY -593 SY 9,557 SY X (1/7") = 1,365 SY	9,557	
FORMULA: 9" PAVEMENT QUANTITY 0 SY - G.O. PAVEMENT QUANTITY -0 SY	20.00% Engineering Design and 2.00% Geotechnical and Testing: 5.00% Legal:	\$0.00 \$0.00 \$0.00
0 SY X (3/7") = 0 SY	0 5.00% Fiscal: 7.00% Interest: 9 Duration (Months)	\$0.00 \$0.00
	Total Estimated Soft Costs: 0%	\$0.00
	Total Estimated Costs:	\$0.00

SIDEWALKS



	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	4" CONCRETE SIDEWALK		1,830 SF	\$4.50	\$8,235.00
2	SUBGRADE PREPARATION		285 SY	\$2.50	\$711.67
3	COMMON EARTH EXCAVATION		150 CY	\$7.00	\$1,048,74
4	CONSTRUCT CONCRETE CURB RAMP		60 SF	\$9.00	\$539.35
5	CONSTRUCT DETECTABLE WARNING PANEL		3 EA	\$150,00	\$450.00
6	SEEDING - TYPE "NON -IRRIGATED LAWN AND TURF SEED"		1.00 AC	\$1,600,00	\$1,600,00
7	HAY OR STRAW MULCH		1,00 AC	\$450,00	\$450.00
	CONTINGENCY		15%	\$13,034.76	\$1,955.21
		Estimated Co	nstruction (Costs:	\$14,989.97
			<u>Estim</u>	ated Soft Costs	
				eering Design and	
		•		ruction Administration:	\$2,848.09
				chnical and Testing:	\$149.90
			5.00% Legal:		\$749.50
			5.00% Fiscal:		\$936.87
			7.00% Interes	tf'	\$1,377.20
				on (Months)	41,011.20

Total Estimated Soft Costs:

Total Estimated Costs:

40%

\$6,061,57

\$21,051.54

\$21,051.54

SIDEWALKS G.O.





All Sidewalks are G.O.

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total	
1.	4" CONCRETE SIDEWALK	1,830	SF	\$4.50		\$8,235.00
2	SUBGRADE PREPARATION	285		\$2.50		\$711.67
3	COMMON EARTH EXCAVATION	150	CY	\$7.00		\$1,048,74
4	CONSTRUCT CONCRETE CURB RAMP	60	SF	\$9.00		\$539.35
5	CONSTRUCT DETECTABLE WARNING PANEL	3	ĒΑ	\$150.00		\$450.00
6	SEEDING - TYPE "NON -IRRIGATED LAWN AND TURF SEED"	1.0	AC	\$1,600.00		\$1,600.00
7	HAY OR STRAW MULCH	1.0	AC	\$450,00		\$450.00
	CONTINGENCY	15%		\$13,034.76		\$1,955.21
		Estimated Construc	tion C	osts:		\$14,989.97
				osts: ated Soft Costs		\$14,989.97
			<u>Estima</u>			\$14,989.97
			<u>Estima</u>	ated Soft Costs		
		19.00%	Estima Engine Constr	ated Soft Costs ering Design and		\$2,848.09
		19.00% 1.00%	Estima Engine Constr	ated Soft Costs ering Design and uction Administration:	***************************************	\$2,848.09 \$149.90
		19.00% 1.00% 5.00%	Estima Engine Constr Geotec	ated Soft Costs ering Design and uction Administration:	···	\$2,848.09 \$149.90 \$749.50
		19,00% 1.00% 5.00% 5.00%	Estima Engine Constr Geotec Legal:	ated Soft Costs ering Design and uction Administration: hnical and Testing:	···	\$2,848.09 \$149.90 \$749.50 \$936.87
		19.00% 1.00% 5.00% 5.00% 7.00%	Engine Constr Geotec Legal: Fiscal: Interes	ated Soft Costs ering Design and uction Administration: hnical and Testing:		\$14,989.97 \$2,848.09 \$149.90 \$749.50 \$936.87 \$1,377.20

Total Estimated Costs:

REGULATORY SIGNAGE

Assumptions/Comments:



	Bid Item Description	Approximate Quantity	Unit	Unit Price		Total
1.	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	13 E	Ē A	\$350.00		\$4,550.00
2.	"STOP" SIGN (24")	8 E	ΞΑ	\$250.00		\$2,000.00
3.	SPEED LIMIT SIGN (18"X24")	3 E		\$250.00		\$750.00
4.	2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP	24 E	ΞA	\$750.00		\$18,000.00
	CONTINGENCY	20%		\$25,300.00		\$5,060.00
		Estimated Construct	ion Costs			\$30,360.00
		E	Estimated	Soft Costs		
		E	Engineering	Design and		
				n Administration:		\$7,590.00
		5.00% L				\$1,518.00
		5.00% F				\$1,973.40
			nterest: Duration (M	lonths)		\$2,175.67
		Total Estimated Soft	Costs:		44%	\$13,257.07
		Total Estimated Cost	ts:			\$43,617.07

REGULATORY SIGNAGE - G.O.

_Assumptions/Comments:



	Bid Item Description	Approximate Quantity Unit	Unit Price		Tota
1.	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	13 EA	\$350,00		\$4,550.00
2.	"STOP" SIGN (24")	8 EA	\$250.00		\$2,000.00
3.	SPEED LIMIT SIGN (18"X24")	3 EA	\$250.00		\$750.00
4 .	2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP	24 EA	\$750.00		\$18,000.00
	CONTINGENCY	20%	\$25,300.00		\$5,060.00
		Estimated Construction Cos	ts:		\$30,360.0
		Estimate	ed Soft Costs		
		25.00% Engineer	ing Design and		\$7,590.00
		5.00% Legal:			\$1,518.00
		5.00% Fiscal:			\$1,973.40
		7.00% Interest:		-	\$2,175.67
		9 Duration	(Months)		
		Total Estimated Soft Costs:		44%	\$13,257.0
		Total Estimated Costs:			\$43,617.07

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WATER INTERIOR



Assumptions/Comments:

170 LF B&J underneath HWY 370 (west end)

		Approximate			
	Bid Item Description	Quantity	Unit	Unit Price	Total
1.	CONSTRUCT 6" WATER MAIN	1,200	LF	\$23,00	\$27,600.00
2.	CONSTRUCT 8" WATER MAIN	550	LF	\$30.00	\$16,500.00
3.	CONSTRUCT 12" WATER MAIN	2,005	LF	\$48.00	\$96,240.00
4 .	BORE AND JACK 16" STEEL CASING	0	LF	\$200.00	\$0.00
5.	CUT IN 12" TEE AND VALVE	0	EA	\$800.00	\$0.00
	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY				
6.	AND BACKING BLOCK	2	ĒΑ	\$3,600.00	\$7,200.00
7.	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	5	EA	\$3,800.00	\$19,000.00
8.	CONSTRUCT 12 X 12 X 8 M.J. TEE ASSEMBLY AND BACKING BLOCK	1	EA	\$500.00	\$500.00
9.	CONSTRUCT 12 X 12 X 6 M.J. TEE ASSEMPLY AND BACKING BLOCK	1	EA	\$400.00	\$400.00
10 .	CONSTRUCT 12X12X12X12 CROSS ASSEMBLY	1 1	EA	\$450.00	\$450.00
11 .	CONSTRUCT 12X12X8X8 CROSS ASSEMBLY	0	EA	\$425.00	\$0.00
12 .	CONSTRUCT 8X8X6X6 CROSS ASSEMBLY	0	EA	\$400.00	\$0.00
13 .	CONSTRUCT 6" M.J. GATE VALVE AND BOX	4	EA	\$900.00	\$3,600.00
14 .	CONSTRUCT 8" M.J. GATE VALVE AND BOX	2	EA	\$1,200.00	\$2,400.00
15 .	CONSTRUCT 12" M.J. GATE VALVE AND BOX	8	EA	\$2,000.00	\$16,000.00
16 .	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	1	EA	\$450.00	\$450.00
17 .	CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK CONSTRUCT 12" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING	1	EA	\$450.00	\$450.00
18 .	BLOCK	3	EA	\$450.00	\$1,350.00
19.	CONSTRUCT 6" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	1	EA	\$300.00	\$300.00
20 .	CONSTRUCT 8" X 6" REDUCER	1	EA	\$150,00	\$150.00
21 .	CONSTRUCT 6" X 6" REDUCER	1	EA	\$150.00	\$150.00
22 .	CONSTRUCT CHLORINE TUBE		EA	\$1,500.00	\$1,500.00
23 .	CONSTRUCT SAMPLE TAP	-	EA	\$400.00	\$3,200.00
24 .	CONSTRUCT SILT FENCE	500	LF	\$3.00	\$1,500.00
	CONTINGENCY	15%		\$194,240.00	\$29,136,00

Estimated Construction Costs:	\$228,076.00
Estimated Construction Costs:	\$228,076.00

Estimated Soft Costs

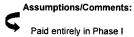
Engineering Design and	
21.00% Construction Administration:	\$47,895.96
2.00% Geotechnical and Testing:	\$4,561.52
5.00% Legal:	\$11,403.80
5.00% Fiscal:	\$14,596.86
7.00% Interest:	\$16,093.04
9 Duration (Months)	

Total Estimated Soft Costs:	41%	\$94,551.19

Total Estimated Costs:

\$322,627.19

CAPITAL FACILITIES CHARGES



	Bid Item Description	Approximate Quantity Unit	Unit Price	Total
1 . 2 . 4 .	CAPITAL FACILITIES CHARGES - RESIDENTIAL CAPITAL FACILITIES CHARGES - COMMERCIAL/MIXED USE CAPITAL FACILITIES CHARGES - OUTLOTS (A & E)	0 LOTS 0 AC 0.00 AC	\$1,500.00 \$4,500.00 \$4,200.00	\$0.00 \$0.00 \$0.00
		Estimated Construction Costs	: Soft Costs	\$0.00
		2.00% Legal: 5.00% Fiscal: 7.00% Interest: 9 Duration (N	elonths)	\$0.00 \$0.00 \$0.00
		Total Estimated Soft Costs:	0%	\$0.00
		Total Estimated Costs:		\$0.00

WATER INTERIOR G.O.

Assumptions/Comments:



Price difference for pipes larger than 8" is GO

Tota	Unit Price	Unit Unit Pric		Approximate Quantity	Bid Item Description	
1012	unit Frice	Onit Onit Pric	_	Quantity	Did item Description	
\$0.0	\$23.00	LF \$23.0	LF	0	CONSTRUCT 6" WATER MAIN	1.
\$0.0	\$30.00	LF \$30.0) LF	0	CONSTRUCT 8" WATER MAIN	2.
\$36,090.0	\$18.00	LF \$18.0	LF	2,005	CONSTRUCT 12" WATER MAIN	3.
\$0.0	\$200.00	LF \$200.0) LF	0	BORE AND JACK 16" STEEL CASING	4.
\$0.0	\$800.00	EA \$800.0	E	0	CUT IN 12" TEE AND VALVE	5.
\$0,0	\$3,600.00	EA \$3,600.0	E/	0	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY	6.
\$0.0	\$3,800.00	EA \$3,800.0	E	0	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	7.
\$200.0	\$200.00	EA \$200.0	E	1	CONSTRUCT 12 X 12 X 8 M.J. TEE ASSEMBLY AND BACKING BLOCK	8.
\$100.0	\$100.00	EA \$100.0	E	1	CONSTRUCT 12 X 12 X 6 M.J. TEE ASSEMPLY AND BACKING BLOCK	9.
\$150.0	\$150.00	EA \$150.0	E	1	CONSTRUCT 12X12X12X12 CROSS ASSEMBLY	10.
\$0.0	\$425.00	EA \$425.0	E/	0	CONSTRUCT 12X12X8X8 CROSS ASSEMBLY	1.
\$0.0	\$400.00	EA \$400.0	E	0	CONSTRUCT 8X8X6X6 CROSS ASSEMBLY	2.
\$0.0	\$900.00		E/	0	CONSTRUCT 6" M.J. GATE VALVE AND BOX	13.
\$0.0	\$1,200,00	EA \$1,200.0) E/	0	CONSTRUCT 8" M.J. GATE VALVE AND BOX	14.
\$6,400.0	\$800.00		E	8	CONSTRUCT 12" M.J. GATE VALVE AND BOX	5.
\$150.0	\$150,00	· · ·	E	1	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	6.
\$150.0	\$150.00		E		CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	7.
\$450.0	\$150.00		E		CONSTRUCT 12" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING	8.
\$0.0	\$300.00		E		CONSTRUCT 6" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	9.
\$0.0	\$150.00	·) E/		CONSTRUCT 8" X 6" REDUCER	20 .
\$0.0	\$150.00	• • • • • • • • • • • • • • • • • • • •	E		CONSTRUCT 6" X 6" REDUCER	21 .
\$0.0	\$1,500.00) E/	-	CONSTRUCT CHLORINE TUBE	22 .
\$0.0	\$400.00	-··	E	_	CONSTRUCT SAMPLE TAP	3 .
\$1,500.0	\$3.00			500		24 .
\$6,778.5		%	%	15.00	CONTINGENCY	
\$51,968.5		tion Costs:	ctic	Estimated Construc		
	sts	Estimated Soft Costs	E			
		Engineering Design and				
\$10,913.3		Construction Administration				
\$1,039.3	esting:	Geotechnical and Testing:				
\$2,598.4				5.00%		
\$3,325.9		Fiscal:				
\$3,666.9		interest: Duration (Months)				
\$21,544.0	41%	, ,		Total Estimated Sof		
	41%	Costs:	ft C			

POWER- Residential

_Assumptions/Comments:

Commercial Service could be Delayed

	Bid Item Description	Approximate Quantity Unit	Unit Price	Total
1.	UNDERGROUND SERVICE - RESIDENTIAL	48 LOT	\$1,350.00	\$64,800.00
		Estimated Construction Costs	· · · · · · · · · · · · · · · · · · ·	\$64,800.00
		Estimated	Soft Costs	
		Engineering	Design and	
		19.00% Construction		\$12,312.00
		5.00% Legal:		\$3,240.00
		5.00% Fiscal:		\$4,017.60
		7,00% Interest:		\$4,429.40
		9 Duration (M	iontns)	
		Total Estimated Soft Costs:	37%	\$23,999.00
		Total Estimated Costs:	İ	\$88,799.00

DECORATIVE STREET LIGHTS

Assumptions/Comments:

Using OPPD decorative street light yearly rate, fee and cost differentials PDF provided by Pat Carnazzo with OPPD Using Acorn style street lights with decorative base and assumed 180' spacing (15,000 lf of streets).

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	DECORATIVE STREET LIGHTS	16 E	EA	2,050.00	\$32,800.00
*** *****		Estimated Construct	tion Costs	:	\$32,800.00
		1	Estimated	Soft Costs	
		0.00% E	Engineering	g Design and	\$0.00
		5,00% L			\$1,640.00
		5.00% F			\$1,722.00
			Interest:		\$1,265.67
		6 [Duration (N	fonths)	-
		Total Estimated Soft	Costs:	14%_	\$4,627.67
		Total Estimated Cost	ts:		\$37,427.67

Plan Review Fee

Assumptions/Comments:



Tota	Plan Review Fee	Construction Cost	Bid Item Description	
\$2,317,1	1.00%	\$231,715.13	SANITARY SEWER - INTERIOR	1.
\$0.0	1.00%	\$0.00	SANITARY SEWER - OUTFALL	2.
\$1,715.7	1.00%	\$171,574,27	STORM SEWER	3.
\$4,485.9	1.00%	\$448,597,42	PAVING MINOR	4.
\$0.0	1.00%	•		5.
\$0.0	1.00%			3.
\$149.9	1.00%	\$14,989,97	SIDEWALKS	7.
\$303.6	1.00%	\$30,360,00	REGULATORY SIGNAGE	8.
\$2,280.7	1.00%	\$228,076.00	WATER INTERIOR	€.

Estimated Construction Costs:

\$11,253.13

Estimated Soft Costs

5.00% Fiscal: 7.00% Interest: \$562.66 \$827.10

12 Duration (Months)

Total Estimated Soft Costs:

2% \$1,389.76

Total Estimated Costs:

\$12,642.89

	SA	SANITARY SEWER	WER	STORM SEWER	PA	PAVING	PAVING MAJOR
	EST	ESTIMATED SOFT COSTS	COSTS	ESTIMATED SOFT COSTS	ESTIMATEL	ESTIMATED SOFT COSTS	ESTIMATED SOFT COSTS
	INTERIOR OFFSITE	OFFSITE	CONNECTION FEES		MINOR	COLLECTOR	
ENGINEERING DESIGN AND CONSTRUCTION ADMIN.	21.00%	19.00%	N/A	19.00%	20.00%	19.00%	21.00%
GEOTECHNICAL AND TESTING	2.00%	2.00%	N/A	1.00%	2.00%	2.00%	2.00%
LEGAL	5.50%	5.50%	5.50%	5.50%	2.50%	5.50%	5.50%
FISCAL	5.00%	5.00%	2.00%	5.00%	2.00%	5.00%	6.00%
INTEREST	7.00%	7.00%	7.00%	7.00%	2.00%	7.00%	7.00%
DURATION (MONTHS)	12	12	12	12	о	o	o

PLAN REVIEW FEE 1.00%

Water Design by MUD

Water Design by LRA

	SIDEWALKS ESTIMATED SOFT COSTS	LANDSCAPING ESTIMATED SOFT COSTS	WATE	WATER - LRA ESTIMATED SOFT COSTS	WATER	WATER - MUD ESTIMATED SOFT COSTS
		IMPROVEMENTS	INTEROR	OFFSITE		
ENGINEERING DESIGN AND	19 00%	24 00%	21 00%	19 00%	2.00%	5.00%
GEOTECHNICAL AND TESTING	•	1.00%	2.00%	2.00%	N/A	N/A
LEGAL	5.50%	5.50%	5.50%	2.50%	5.50%	5.50%
FISCAL	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
INTEREST	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%
DURATION (MONTHS)	12	12	6	6	6	6

	POWER ESTIMATED SOFT COSTS	UTILITY RELOCATION ESTIMATED SOFT COSTS
ENGINEERING DESIGN AND	19.00%	2.00%
GEOTECHNICAL AND TESTING	ΨZ	A/N
LEGAL	5.50%	5.50%
FISCAL	5.00%	2.00%
INTEREST	7.00%	7.00%
DURATION (MONTHS)	თ	12

ESTIMATE 0112043 Total (Estimated for Phase 2).xlsx

S.I.D. Cost Estimate

Ashbury Farm - Phase 3 112043.33 SID No. 293 10/8/2018

				Phase)e 3					
Proposed Improvement	Quantity Unit	Chit	Construction Cost	Total Cost	General Obligation	Special	Future SID Reimbursable	City of Papillion Reimbursable	Sarpy County Reimbursable	Private
SANITARY SEWER Interior	1550	Ħ	\$111,600.00	\$160,500.00	\$9,300.00	\$151,200.00	\$0.00	\$0.00	\$0.00	\$0.00
STORM SEWER	2709	4	\$284,800.00	\$400,000.00	\$400,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PAVING Minor	8900	š	\$442,800.00	\$621,500.00	\$337,600.00	\$283,900.00	\$0.00	\$0.00	\$0.00	\$0.00
SIDEWALKS	2040	R	\$15,000.00	\$21,100.00	\$21,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LANDSCAPING	0	rs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
REGULATORY SIGNS	4	EA	\$7,800.00	\$11,100.00	\$11,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PARKS ACQUISITION	0.00	ĄÇ	\$0.00	\$0.00	\$0.00	\$0.00	2 0.00	\$0.00	\$0.00	\$0.00
WATER Interior	3675	Ħ.	\$298,700.00	\$419,200.00	\$199,700.00	\$219,500.00	\$0.00	\$0.00	\$0.00	\$0.00
Capital Facilities Charge	-	S	\$112,400.00	\$126,700.00	\$0.00	\$126,700.00	8 0.00	\$0.00	\$0.00	\$0.00
POWER Residential Service	0	Lots	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Commercial Service	46	ç	\$165,500.00	\$226,800.00	80.00	\$226,800.00	\$0.00	\$0.00	\$0.00	\$0.00
Decorative Street Lights	10	ā	\$20,500.00	\$23,400.00	\$23,400.00	\$0.00				
CIVIL DEFENSE SIREN	0	S	\$0.00	\$0.00	80.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PLAN REVIEW FEE	-	%	\$11,600.00	\$13,000.00	\$6,500.00	\$6,500.00	\$0.00	\$0.00	\$0.00	\$0.00

ESTIMATE 0112043 Total (Estimated for Phase 3).xtsx

DEBT RATIO

ASSUMPTIONS

Average market Value Per Residential Lot = \$85,000.00 (land value only)

Average market Value Per Residential Lot (Improvements) = \$415,000.00 (improvement value only)

Commercial Land Value per square foot = \$8.00

Commercial Building Value per square foot (Includes Land) = \$85.00

ASSESSABLE VALUATION

10/8/2018 3:42 PM

Units = \$85,000.00 = \$0.00 Residential Lot 0 Residential Improvements 0 Units = \$415,000.00 = \$0.00 Commercial Land 46.24 AC = \$348,480.00 = \$16,113,715.20 Commercial Building (20% of Lot Area) 402,843 SF = \$85.00 = \$34,241,644.80

> Total 100% Valuation = \$50,355,360.00 Total 95% Valuation = \$47.837.592.00

> > DEBT RATIO = 2.11%

SANITARY SEWER - INTERIOR



Phase 3 sanitary within Richland Avenue only. 8" includes 12-8" stubs to commercial lots

Tota	Unit Price	pproximate Quantity Unit	Bid Item Description
\$5.000.00	\$5,000.00	1.00 LS	CLEARING AND GRUBBING GENERAL
\$0.00	\$24.00	0 LF	CONSTRUCT 6" SANITARY SEWER PIPE
\$38,750.00	\$25.00	1550 LF	CONSTRUCT 8" SANITARY SEWER PIPE
\$0.00	\$20.00	0 LF	CONSTRUCT 4" FORCE MAIN
\$34,580.00	\$380.00	91 VF	CONSTRUCT 54" I.D. SANITARY MANHOLE (7 EA)
\$350,00	\$350.00	1 EA	CONSTRUCT MANHOLE RING COLLAR
\$400.00	\$400.00	1 EA	CONSTRUCT EXTERNAL FRAME SEAL
\$379.90	\$10.00	38 VF-LF	EXCAVATION FOR EXTRA DEEP SANITARY SEWER
\$0.00	\$100.00	0 EA	CONSTRUCT 8" X 6" WYE
\$3,000.00	\$250.00	12 EA	CONSTRUCT 8" PIPE PLUG
\$100.00	\$100.00	1 EA	CONSTRUCT MANHOLE STUBOUT
\$0.00	\$5.00	0 LF	CONSTRUCT 6" PIPE BEDDING
\$8,525.00	\$5,50	1550 LF	CONSTRUCT 8" PIPE BEDDING
\$379.90	\$25.00	15 TN	STABILIZE TRENCH W/ CRUSHED LIMESTONE
\$0.00	\$20,000.00	0 EA	INSTALL VACUUM PRIME LIFT STATION
\$0.00	\$800.00	0 VF	CONSTRUCT 72" I.D. LIFT STATION MANHOLE (1 EA)
\$0.00	\$11,000.00	0 EA	INSTALL METER PANEL AND WIRING
\$0.00	\$20,000.00	0 EA	INSTALL GENERATOR
\$0.00	\$2,100.00	0 EA	CONSTRUCT GENERATOR PAD
\$0.00	\$75.00	0 LF	CONSTRUCT 6' TALL CHAIN LINK FENCE
\$0.00	\$25,00	0 TN	CONSTRUCT ROCK SURFACING
\$1,500.00	\$3.00	500 LF	CONSTRUCT SILT FENCE
\$625.00	\$1,25	500 LF	CLEANOUT SILT FENCE
\$1,500.00	\$3.00	500 CY	CLEANOUT SILT BASIN
\$250.00	\$500.00	0.50 AC	SEEDING - TYPE "TEMPORARY SEED MIX"
\$225.00	\$450.00	0.50 AC	HAY OR STRAW MULCH
\$1,500.00	\$3.00	500 SY	ROLLED EROSION CONTROL, TYPE II
\$14,559.72	\$97,064.80	15%	CONTINGENCY
\$111,624.52		d Construction Costs:	
\$111,624	Soft Costs	d Construction Costs: <u>Estimated</u>	

	Engineering Design and	
21,00%	Construction Administration:	\$23,441.15
2.00%	Geotechnical and Testing:	\$2,232.49
5.00%	Legal:	\$5,581.23
5.00%	Fiscal:	\$7,143.97
7.00%	Interest:	\$10,501.64
12	Duration (Months)	

Total	Estimated	Soft	Costs:
1 Utai	∟siiiiaieu	3011	CUSIS.

44% \$48,900.47

Total Estimated Costs:

\$160,525.00

SANITARY SEWER - INTERIOR G.O.



		Approximate		
 	Bid Item Description	Quantity Unit	Unit Price	Tota
1	CLEARING AND GRUBBING GENERAL	o LS	\$5,000.00	\$0.00
2.	CONSTRUCT 6" SANITARY SEWER PIPE	0 LF	\$24.00	\$0.00
3	CONSTRUCT 8" SANITARY SEWER PIPE	0 LF	\$25.00	\$0.00
4	CONSTRUCT 4" FORCE MAIN	0 LF	\$20.00	\$0.00
4	CONSTRUCT 54" I.D. SANITARY MANHOLE (41 EA)	0 VF	\$380.00	\$0.00
5	CONSTRUCT MANHOLE RING COLLAR	0 EA	\$350.00	\$0.00
6	CONSTRUCT EXTERNAL FRAME SEAL	0 EA	\$400.00	\$0.00
7	EXCAVATION FOR EXTRA DEEP SANITARY SEWER	0 VF-LF	\$10,00	\$0.00
8	CONSTRUCT 8" X 6" WYE	0 EA	\$100.00	\$0.00
9	CONSTRUCT 8" PIPE PLUG	0 EA	\$250.00	\$0.00
10	CONSTRUCT MANHOLE STUBOUT	0 EA	\$100.00	\$0.00
12	CONSTRUCT 6" PIPE BEDDING	0 LF	\$5.00	\$0.00
13	CONSTRUCT 8" PIPE BEDDING	0 LF	\$5.50	\$0.00
14	STABILIZATION TRENCH W/ CRUSHED LIMESTONE	0 TN	\$25.00	\$0.00
15	INSTALL VACUUM PRIME LIFT STATION	0 EA	\$20,000.00	\$0.00
16	CONSTRUCT 72" I.D. LIFT STATION MANHOLE (1 EA)	0 VF	\$800.00	\$0.00
17	INSTALL METER PANEL AND WIRING	0 EA	\$11,000.00	\$0.00
18	INSTALL GENERATOR	0 EA	\$20,000.00	\$0.00
19	CONSTRUCT GENERATOR PAD	0 EA	\$2,100.00	\$0.00
20	CONSTRUCT 6' TALL CHAIN LINK FENCE	0 LF	\$75.00	\$0.00
21	CONSTRUCT ROCK SURFACING	0 TN	\$25.00	\$0.00
22	CONSTRUCT SILT FENCE	500 LF	\$3.00	\$1,500.00
23	CLEANOUT SILT FENCE	500 LF	\$1.25	\$625.00
24	CLEANOUT SILT BASIN	500 CY	\$3.00	\$1,500.00
25	SEEDING - TYPE "TEMPORARY SEED MIX"	1 AC	\$500.00	\$250.00
26	HAY OR STRAW MULCH	1 AC	\$450.00	\$225.00
27	ROLLED EROSION CONTROL, TYPE II	500 SY	\$3.00	\$1,500.00
	CONTINGENCY	15 %		\$840.00

500	SY	\$3.00	\$1,500.00
15	%		\$840.00
Estimated Construc	tion Costs:		\$6,440.00
	Estimated Soft Cost	: <u>s</u>	
	Engineering Design a	nd	
21,00%	Construction Adminis	tration:	\$1,352.40
	Geotechnical and Tes	ting:	\$128.80
	Legal:		\$322.00
	Fiscal:		\$412.16
7.00%	Interest:	_	\$605.88
12	Duration (Months)		
Total Estimated Sof	t Costs:	44%_	\$2,821.24
Total Estimated Cos	sts:	[\$9,261.24

STORM SEWER





		oximate			
Total	Unit Price	Quantity Unit	Qu	Bid Item Description	
\$2,500.00	\$2,500.00	1.00 LS		CLEARING AND GRUBBING GENERAL	1.
\$5,000.00	\$5,000.00	1.00 LS		GENERAL GRADING AND SHAPING	2.
\$38,500.00	\$35.00	1100 LF		CONSTRUCT 18" R.C.P., CLASS III	3.
\$9,675.00	\$45.00	215 LF		CONSTRUCT 24" R.C.P., CLASS III	4.
\$72,475.00	\$65.00	1115 LF		CONSTRUCT 30" R.C.P., CLASS III	5.
\$11,250.00	\$75.00	150 LF		CONSTRUCT 36" R.C.P., D(0.01) = 1,350	6.
\$12,255.00	\$95.00	129 LF		CONSTRUCT 42" R.C.P., D(0.01) = 1,350	7.
\$0.00	\$115.00	0 LF		CONSTRUCT 48" R.C.P., D(0.01) = 1,350	8.
\$0.00	\$750.00	0 EA		CONSTRUCT 18" R.C. FLARED END SECTION	9.
\$1,000.00	\$1,000.00	1 EA		CONSTRUCT 24" R.C. FLARED END SECTION	10.
\$0.00	\$1,200.00	0 EA		CONSTRUCT 36" R.C. FLARED END SECTION	11.
\$2,500.00	\$2,500.00	1 EA		CONSTRUCT 42" R.C. FLARED END SECTION	12.
\$0.00	\$3,000.00	0 EA		CONSTRUCT 48" R.C. FLARED END SECTION	13.
\$15,000.00	\$600.00	25 VF		CONSTRUCT 54" I.D. FLATTOP MANHOLE (5 EA)	14 .
\$0.00	\$650,00	0 VF		CONSTRUCT 60" I.D. FLATTOP MANHOLE (0 EA)	15.
\$0.00	\$750.00	0 VF		CONSTRUCT 84" I.D. FLATTOP MANHOLE (0 EA)	16 .
\$10,000.00	\$500,00	20 VF		CONSTRUCT 54" I.D. TYPE II AREA INLET (4 EA)	17 .
\$7,700.00	\$7.00	1100 LF		CONSTRUCT 18" PIPE BEDDING	18 .
\$1,720.00	\$8.00	215 LF		CONSTRUCT 24" PIPE BEDDING	19.
\$10,035.00	\$9.00	1115 LF		CONSTRUCT 30" PIPE BEDDING	20 .
\$1,500.00	\$10.00	150 LF		CONSTRUCT 36" PIPE BEDDING	21 .
\$1,548.00	\$12.00	129 LF		CONSTRUCT 42" PIPE BEDDING	22 .
\$0.00	\$14.00	0 LF		CONSTRUCT 48" PIPE BEDDING	23 .
\$5,000.00	\$25.00	200 TN		STABILIZE TRENCH W/ CRUSHED LIMESTONE	24 .
\$7,000.00	\$1,000.00	7 VF		CONSTRUCT POND OUTLET STRUCTURE (BASIN A)	25 .
\$0,00	\$1,000.00	0 VF		CONSTRUCT POND OUTLET STRUCTURE (BASIN B)	26 .
\$0.00	\$1,000.00	0 VF		CONSTRUCT POND OUTLET STRUCTURE (BASIN E)	27 .
\$0.00	\$1,000.00	0 VF		CONSTRUCT POND OUTLET STRUCTURE (BASIN G)	28 .
\$0.00	\$250.00	0 EA		CONSTRUCT MANHOLE RING COLLAR	29 .
\$2,160.00	\$36.00	60 TON		CONSTRUCT RIP-RAP APRON - (NDOR TYPE "B")	30 .
\$646.00	\$38.00	17 TON		CONSTRUCT ROCK RIP-RAP - TYPE "C"	31.
\$6,000.00	\$3,000.00	2 EA		CONSTRUCT OUTLET ENERGY DISSIPATION	
\$2,000.00	\$2,000.00	1 EA		CONSTRUCT TEMPORARY END OF STREET DRAIN	32
\$1,320.00	\$22.00	60 TN		CONSTRUCT ROCK ACCESS ROAD	33 .
\$1,200.00	\$3.00	400 LF		CONSTRUCT SILT FENCE	34 .
\$312.50	\$1.25	250 LF		CLEANOUT SILT FENCE	35 .
\$6,000.00	\$3.00	2000 CY		CLEANOUT SILT BASIN	36 .
\$500.00	\$500.00	1 AC		SEEDING - TYPE "TEMPORARY SEED MIX"	37.
\$450.00	\$450.00	1 AC		HAY OR STRAW MULCH	38.
\$2,100.00	\$3.00	700 SY		ROLLED EROSION CONTROL, TYPE II	39 .
\$47,469.30	\$237,346.50	20%		CONTINGENCY	

Estimated Construction Costs:

\$284,815.80

Estimated Soft Costs

	Engineering Design and	
19.00%	Construction Administration:	\$54,115.00
1.00%	Geotechnical and Testing:	\$2,848.16
5.00%	Legal:	\$14,240.79
5.00%	Fiscal:	\$17,800.99
7.00%	Interest:	\$26,167.45
12	Duration (Months)	

Total Estimated Soft Costs:

40% \$115,172.39

Total Estimated Costs:

\$399,988.19

STORM SEWER G.O.



	Bid Item Description	Approximate Quantity Unit	Unit Price	Tota
	Bid item Description	Quantity Unit	Unit Price	Tota
1.	CLEARING AND GRUBBING GENERAL	1.00 LS	\$2,500.00	\$2,500.00
2.	GENERAL GRADING AND SHAPING	1.00 LS	\$5,000.00	\$5,000.00
3.	CONSTRUCT 18" R.C.P., CLASS III	1100.00 LF	\$35.00	\$38,500.00
4.	CONSTRUCT 24" R.C.P., CLASS III	215.00 LF	\$45,00	\$9,675.00
5.	CONSTRUCT 30" R.C.P., CLASS III	1115.00 LF	\$65.00	\$72,475.00
6.	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	150.00 LF	\$75.00	\$11,250.00
7.	CONSTRUCT 42" R.C.P., D(0.01) = 1,350	129.00 LF	\$95.00	\$12,255.00
8.	CONSTRUCT 48" R.C.P., D(0.01) = 1,350	0.00 LF	\$115.00	\$0.00
9 .	CONSTRUCT 18" R.C. FLARED END SECTION	0.00 EA	\$750.00	\$0.00
10	CONSTRUCT 24" R.C. FLARED END SECTION	1.00 EA	\$1,000.00	\$1,000,00
11 .	CONSTRUCT 36" R.C. FLARED END SECTION	0.00 EA	\$1,200.00	\$0,00
12 .	CONSTRUCT 42" R.C. FLARED END SECTION	1.00 EA	\$2,500.00	\$2,500.00
13 .	CONSTRUCT 48" R.C. FLARED END SECTION	0.00 EA	\$3,000.00	\$0.00
14 .	CONSTRUCT 54" I.D. FLATTOP MANHOLE (5 EA)	25.00 VF	\$600.00	\$15,000.00
15	CONSTRUCT 60" I.D. FLATTOP MANHOLE (1 EA)	0.00 VF	\$650.00	\$0.00
16 .	CONSTRUCT 84" I.D. FLATTOP MANHOLE (1 EA)	0.00 VF	\$750.00	\$0.00
17 .	CONSTRUCT 54" I.D. TYPE II AREA INLET (1 EA)	20.00 VF	\$500.00	\$10,000,00
18	CONSTRUCT 18" PIPE BEDDING	1100.00 LF	\$7.00	\$7,700.00
19 .	CONSTRUCT 24" PIPE BEDDING	215.00 LF	\$8.00	\$1,720.00
20 .	CONSTRUCT 30" PIPE BEDDING	1115.00 LF	\$9.00	\$10,035.00
21 .	CONSTRUCT 36" PIPE BEDDING	150.00 LF	\$10.00	\$1,500.00
22 .	CONSTRUCT 42" PIPE BEDDING	129.00 LF	\$12.00	\$1,548.00
23 .	CONSTRUCT 48" PIPE BEDDING	0.00 LF	\$14.00	\$0.00
24 .	STABILIZE TRENCH W/ CRUSHED LIMESTONE	200.00 TN	\$25.00	\$5,000,00
25 .	CONSTRUCT POND OUTLET STRUCTURE (BASIN A)	7.00 VF	\$1,000.00	\$7,000.00
26 .	CONSTRUCT POND OUTLET STRUCTURE (BASIN B)	0.00 VF	\$1,000.00	\$0.00
27 .	CONSTRUCT POND OUTLET STRUCTURE (BASIN E)	0.00 VF	\$1,000.00	\$0.00
28 .	CONSTRUCT POND OUTLET STRUCTURE (BASIN G)	0.00 VF	\$1,000.00	\$0.00
29 .	CONSTRUCT MANHOLE RING COLLAR	0.00 EA	\$250.00	\$0.00
30 .	CONSTRUCT RIP-RAP APRON - (NDOR TYPE "B")	60.00 TON	\$36.00	\$2,160.00
31 .	CONSTRUCT ROCK RIP-RAP - TYPE "C"	17.00 TON	\$38.00	\$646.00
J1.	CONSTRUCT OUTLET ENERGY DISSIPATION	2.00 EA	\$3,000,00	\$6,000.00
32	CONSTRUCT TEMPORARY END OF STREET DRAIN	1.00 EA	\$2,000.00	\$2,000.00
33 .	CONSTRUCT ROCK ACCESS ROAD	60.00 TN	\$2,000.00	\$1,320.00
33 . 34 .	CONSTRUCT ROCK ACCESS ROAD CONSTRUCT SILT FENCE	400.00 LF	\$3.00	\$1,200.00
34 . 35 .	CLEANOUT SILT FENCE	250.00 LF	\$1.25	\$1,200.00 \$312.50
35. 36.	CLEANOUT SILT FENCE CLEANOUT SILT BASIN	2000.00 CY	\$3.00	\$6,000.00
36. 37.	SEEDING - TYPE "TEMPORARY SEED MIX"	1.00 AC	\$5.00 \$500.00	\$5,000.00 \$500.00
37. 38.	HAY OR STRAW MULCH	1.00 AC 1.00 AC	\$450.00	\$450.00 \$450.00
		700.00 SY	\$450.00 \$3.00	\$2,100,00
39 .	ROLLED EROSION CONTROL, TYPE II	700.00 51	\$3.UU	⊅ ∠, 100.00
	CONTINGENCY	20%	\$237,348.50	\$47,469.30

Estimated Construction Costs:	\$284,815.80
Estimated Soft Costs	

Engineering Design and 19.00% Construction Administration:

\$54,115.00 \$2,848.16 1.00% Geotechnical and Testing: 5.00% Legal: 5.00% Fiscal: \$14,240.79 \$17,800.99 \$26,167.45 7.00% Interest: 12 Duration (Months)

Total Estimated Soft Costs:	40%	\$115,172.39
Total Estimated Costs:		\$399,988.19

PAVING MINOR



Assumptions/Comments:

Includes commercial only.

	Bid Item Description	Approximate Quantity Unit	Unit Price	Total
	Did field bescription		CHILTHOU	- Total
1.	7" CONCRETE PAVEMENT - TYPE L65	0 SY	\$35.00	\$0.00
2.	9" CONCRETE PAVEMENT - TYPE L65	8900 SY	\$36,00	\$320,400.00
3.	COMMON EARTHWORK EXCAVATION	2967 CY	\$4.00	\$11,866.67
4.	MEDIAN NOSE	0 EA	\$250.00	\$0.00
5.	ADJUST MANHOLE TO GRADE	12 EA	\$150.00	\$1,800.00
6.	EXTERNAL FRAME SEAL	12 EA	\$350.00	\$4,200.00
7.	CONSTRUCT CURB INLET - TYPE I	2 EA	\$3,000.00	\$6,000.00
8.	CONSTRUCT CURB INLET - TYPE III	6 EA	\$3,000.00	\$18,000.00
	PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL - WHITE			
9.	"ONLY"	1 EA	\$350,00	\$350.00
	PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL - WHITE			
10.	DIRECTIONAL ARROW	2 EA	\$350.00	\$700.00
	4" PREFORMED PAVEMENT MARKING TAPE PAVEMENT MARKING -			
11.	WHITE	4715 LF	\$3.00	\$14,145.00
	24" PREFORMED PAVEMENT MARKING TAPE PAVEMENT MARKING -			
12.	WHITE	28 LF	\$20.00	\$560.00
13 .	TOPSOIL PLACEMENT	0 CY	\$10.00	\$0.00
14	CONSTRUCT SILT FENCE	400 LF	\$3.00	\$1,200.00
15	CLEANOUT SILT FENCE	250 LF	\$1.25	\$312.50
16	CLEANOUT SILT BASIN	1000 CY	\$3.00	\$3,000.00
17	SEEDING - TYPE "TEMPORARY SEED MIX"	1 AC	\$500.00	\$500,00
18	HAY OR STRAW MULCH	1 AC	\$450.00	\$450.00
19 .	JET EXISTING SEWER	1550 LF	\$1.00	\$1,550.00
	CONTINGENCY	15 %		\$57,755.13
		Estimated Construction Costs	:	\$442,789.29
		Estimat	ed Soft Costs	
		Enginee	ring Design and	
			tion Administration:	\$88,557.86
			nical and Testing:	\$8,855.79
		5.00% Legal:		\$22,139.46
		5.00% Fiscal:		\$28,117.12
		7.00% Interest:		\$30,999.12
		9 Duration	(Months)	
		Total Estimated Soft Costs:	40%	\$178,669.35
			•	

Total Estimated Costs:

\$621,458.65

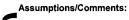
PAVING IN EXCESS OF 6" THICK

Assumptions/Comments:

Total pavement in excess of 7" minus G.O. pavement.

	Bid It	em Description	Appro	eximate Quantity Unit	Unit Price		Total
1 . 2 .	1" CONCRETE PAVEMENT 3" CONCRETE PAVEMENT			0 SY 1,701 SY	\$35.00 \$36.00		\$0.00 \$61,236.00
		111210	Estimat	ed Construction Costs:			\$61,236.00
FORMULA:	7" PAVEMENT QUANTITY	0 SY					
	- G.O. PAVEMENT QUANTITY	-0 SY					
			0				
	5955 SY X (1/7") = 851 SY						
				<u>Estimate</u>	d Soft Costs		
FORMULA:	9" PAVEMENT QUANTITY	8,900 SY					
	- G.O. PAVEMENT QUANTITY	-2,945 SY		20.00% Engineering			\$12,247.20
			5,955	2.00% Geotechni	cal and Testing:		\$1,224.72
	5,955 SY X (2/7") = 1,701 SY	•		5.00% Legal: 5.00% Fiscal:			\$3,061.80 \$3,888,49
	5,955 51 × (211) = 1,761 51			7.00% Interest:			\$4,287.06
				9 Duration (Months)		* 1,1201.100
			Total E	stimated Soft Costs:		40%	\$24,709.26
			Total Es	stimated Costs:			\$85,945.26

PAVING MINOR G.O.



Intersection paving and extra width paving beyond 25'

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
4	7" CONCRETE PAVEMENT - TYPE L65	0	SY	\$35.00	\$0.00
1. 2.	9" CONCRETE PAVEMENT - TYPE L65	2945		\$35.00 \$36.00	\$106,020.00
3.	COMMON EARTHWORK EXCAVATION	982	• .	\$4.00	\$3,926.67
3. 4	MEDIAN NOSE		EA	\$250.00	\$0.00
5.	ADJUST MANHOLE TO GRADE	_	EA	\$150.00	\$750.00
5. 6.	EXTERNAL FRAME SEAL		EA	\$350.00	\$0.00
0. 7.	CONSTRUCT CURB INLET - TYPE I	_	EA	\$3,000,00	\$6,000.00
7. 8	CONSTRUCT CURB INLET - TYPE III		EA	\$3,000.00	\$18,000.00
ο.	PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL - WHITE	•	LA	45,000.00	Ψ10,000.00
9.	"ONLY"	1	EA	\$350.00	\$350.00
э.	PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL - WHITE	'	<u> </u>	4 000.00	4000 .00
10 .	DIRECTIONAL ARROW	2	EA	\$350.00	\$700.00
11.	4" PREFORMED PAVEMENT MARKING TAPE PAVEMENT MARKING - WHITE 24" PREFORMED PAVEMENT MARKING TAPE PAVEMENT MARKING -	4715	LF	\$3.00	\$14,145.00
12	WHITE	28	LF	\$20.00	\$560.00
13 .	TOPSOIL PLACEMENT	0	CY	\$10.00	\$0.00
14	CONSTRUCT SILT FENCE	400	LF	\$3.00	\$1,200.00
15	CLEANOUT SILT FENCE	250	LF	\$1.25	\$312.50
16	CLEANOUT SILT BASIN	1000	CY	\$3.00	\$3,000.00
17	SEEDING - TYPE "TEMPORARY SEED MIX"	1	AC	\$500.00	\$500.00
18	HAY OR STRAW MULCH	1	AC	\$450.00	\$450.00
19 .	JET EXISTING SEWER	0	LF	\$1.00	\$0.00
	CONTINGENCY	15	%		\$23,387.13

Estimated Construction Costs:

\$179,301.29

Estimated Soft Costs

Engineering Design and	
20.00% Construction Administration:	\$35,860.26
2,00% Geotechnical and Testing:	\$3,586.03
5.00% Legal:	\$8,965.06
5.00% Fiscal:	\$11,385.63
7.00% Interest:	\$12,552.66
9 Duration (Months)	

Total Estimated Soft Costs:

40% \$72,349.64

Total Estimated Costs:

\$251,650.93

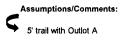
PAVING IN EXCESS OF 6" THICK - G.O.

Assumptions/Comments:

Total pavement in excess of 7" minus G.O. pavement

	Bid I	tem Description		Approximate Quantity	Unit	Unit Price		Total
1 . 2 .	1" CONCRETE PAVEMENT 3" CONCRETE PAVEMENT			0 1,701	SY SY	\$35.00 \$36.00		\$0.00 \$61,236.00
			Estima	ated Construc	tion Costs:			\$61,236.00
FORMULA:	7" PAVEMENT QUANTITY	0 \$Y						
	- G.O. PAVEMENT QUANTITY	-0 SY						
FORMULA:	0 SY X (1/7") = 0 SY 9" PAVEMENT QUANTITY - G.O. PAVEMENT QUANTITY	8,900 SY -2,945 SY	0	2.00% 5.00%	Geotechnic Legal:	g Design and al and Testing:		\$12,247.20 \$1,224.72 \$3,061.80
	5,955 SYX (2/7") = 1,701 SY		5,955	7.00%	Fiscal: Interest: Duration (M	onths)	- :	\$3,888.49 \$4,287.06
			Total I	Estimated Sof	t Costs:		40%	\$24,709.26
			Total I	Estimated Cos	its:			\$85,945.26

SIDEWALKS



	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	4" CONCRETE SIDEWALK		2,040 SF	\$4.50	\$9,180,00
2	SUBGRADE PREPARATION		317 SY	\$2.50	\$793,33
3	COMMON EARTH EXCAVATION		150 CY	\$7.00	\$1,048.74
4	CONSTRUCT CONCRETE CURB RAMP		0 SF	\$9.00	\$0.00
5	CONSTRUCT DETECTABLE WARNING PANEL		0 EA	\$100.00	\$0.00
6	SEEDING - TYPE "NON -IRRIGATED LAWN AND TURF SEED"		1.00 AC	\$1,600.00	\$1,600.00
7	HAY OR STRAW MULCH		1.00 AC	\$450.00	\$450.00
	CONTINGENCY		15 %		\$1,960.81
		Estimated C	onstruction	Costs:	\$15,032.88
			Estin	nated Soft Costs	
			Engin	eering Design and	
			19,00% Const	ruction Administration:	\$2,856.25
				chnical and Testing:	\$150.33
			5,00% Legal:		\$751.64
			5.00% Fiscal	•	\$939.56
			7.00% Intere	st: ion (Months)	\$1,381.15
		Total Estima		•	40% \$6,078.92
		Total Estima	ted Costs:		\$21,111.81

\$6,078.92

SIDEWALKS G.O.





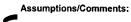
All Sidewalks are G.O.

w*** · · · · · · · · · · · · · · · · · ·	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	4" CONCRETE SIDEWALK		2,040 SF	\$4.50	\$9,180.00
2	SUBGRADE PREPARATION		317 SY	\$2.50	\$793.33
3	COMMON EARTH EXCAVATION		150 CY	\$7.00	\$1,048.74
4	CONSTRUCT CONCRETE CURB RAMP		0 SF	\$9.00	\$0.00
5	CONSTRUCT DETECTABLE WARNING PANEL		0 EA	\$100.00	\$0.00
6	SEEDING - TYPE "NON -IRRIGATED LAWN AND TURF SEED"		1.0 AC	\$1,600.00	\$1,600.00
7	HAY OR STRAW MULCH		1.0 AC	\$450.00	\$450.00
	CONTINGENCY		15 %		\$1,960.81
		Estimated Co	nstruction C	osts:	\$15,032.88
			<u>Estim</u>	ated Soft Costs	
			•	eering Design and	
				ruction Administration:	\$2,856.25
				chnical and Testing:	\$150.33
			5.00% Legal:		\$751.64
			5.00% Fiscal:		\$939.56 \$1.381.15
			7,00% Interes		\$1,381.15
			12 Duration	on (Months)	

Total Estimated Soft Costs:

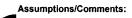
Total Estimated Costs:

REGULATORY SIGNAGE



	Bid Item Description	Approximate Quantity Unit	Unit Price	Total
1.	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	2 EA	\$350.00	\$700.00
2.	"STOP" SIGN (24")	2 EA	\$250.00	\$500.00
3.	SPEED LIMIT SIGN (18"X24")	2 EA	\$250.00	\$500.00
4.	2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP	6 EA	\$750.00	\$4,500.00
	CONTINGENCY	25%	\$6,200.00	\$1,550.00
		Estimated Construction Costs	:	\$7,750.00
		Estimated	Soft Costs	
		Engineering	Design and	
		25.00% Construction		\$1,937.50
		5.00% Legal:		\$387.50
		5.00% Fiscal:		\$503.75
		7.00% Interest:		\$555,38
		9 Duration (N	lonths)	
•		Total Estimated Soft Costs:		44% \$3,384.13
		Total Estimated Costs:		\$11,134.13

REGULATORY SIGNAGE - G.O.





	Bid Item Description	Approximate Quantity Unit	Unit Price		Tota
1.	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	2 EA	\$350.00		\$700.00
2.	"STOP" SIGN (24")	2 EA	\$250.00		\$500.00
3.	SPEED LIMIT SIGN (18"X24")	2 EA	\$250.00		\$500.00
4 .	2" SQUARE BLACK METAL POSTS WITH DECORATIVE TOP CAP	6 EA	\$750.00		\$4,500.00
	CONTINGENCY	25%	\$6,200.00		\$1,550.00
		Estimated Construction Cost	s:		\$7,750.00
		Estimated Soft Costs			
		25,00% Engineeri	ng Design and		\$1,937.50
		5.00% Legal:			\$387.50
		5.00% Fiscal:			\$503.75
		7.00% Interest:			\$555.38
		9 Duration	Months)		
		Total Estimated Soft Costs:		44%	\$3,384.13
		Total Estimated Costs:			\$11,134.13

WATER INTERIOR



Assumptions/Comments:

250 LF B&J underneath HWY 370 (west end)

	Did the in December 2	Approximate Quantity	1114	Harth Dalan	-
	Bid Item Description	Quantity	Unit	Unit Price	Tota
1.	CONSTRUCT 6" WATER MAIN	0	LF	\$23.00	\$0.00
2.	CONSTRUCT 8" WATER MAIN	2,050	LF	\$30.00	\$61,500.00
3.	CONSTRUCT 12" WATER MAIN	1,625	LF	\$48.00	\$78,000.00
4.	BORE AND JACK 16" STEEL CASING	250	LF	\$325.00	\$81,250.00
5.	CUT IN 12" TEE AND VALVE	1	EA	\$800.00	\$800.0
	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY				
6.	AND BACKING BLOCK	0	EA	\$3,600.00	\$0.00
7.	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	6	EA	\$3,800.00	\$22,800.0
8.	CONSTRUCT 12 X 12 X 8 M.J. TEE ASSEMBLY AND BACKING BLOCK	1	EA	\$500,00	\$500.0
9.	CONSTRUCT 8 X 8 X 6 M.J. TEE ASSEMPLY AND BACKING BLOCK	0	EA	\$400.00	\$0.00
0.	CONSTRUCT 12X12X12X12 CROSS ASSEMBLY	0	EA	\$450.00	\$0.0
1.	CONSTRUCT 12X12X8X8 CROSS ASSEMBLY	0	EA	\$425.00	\$0.0
2.	CONSTRUCT 8X8X6X6 CROSS ASSEMBLY	0	EA	\$400.00	\$0.0
3 .	CONSTRUCT M.J. GATE VALVE AND BOX	4	EA	\$1,500.00	\$6,000.0
4 .	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2	EA	\$450.00	\$900.0
5.	CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2	EA	\$450.00	\$900.0
	CONSTRUCT 12" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING				
16.	BLOCK	2	EA	\$450.00	\$900.0
17 .	CONSTRUCT 8" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	8	EΑ	\$300.00	\$2,400.0
18.	CONSTRUCT 8" X 6" REDUCER	0	EA	\$150.00	\$0.0
19.	CONSTRUCT 6" X 6" REDUCER	0	EA	\$150.00	\$0.0
20 .	CONSTRUCT CHLORINE TUBE	1	EA	\$1,500.00	\$1,500.0
21 .	CONSTRUCT SAMPLE TAP	2	EA	\$400.00	\$800.0
22 .	CONSTRUCT SILT FENCE	500	LF	\$3.00	\$1,500.0
	CONTINGENCY	15%		\$259,750.00	\$38,962.5

Estimated Construction Costs:

\$298,712.50

Estimated Soft Costs

	Engineering Design and	
21.00%	Construction Administration:	\$62,729.63
1.00%	Geotechnical and Testing:	\$2,987.13
5.00%	Legal:	\$14,935.63
5.00%	Fiscal:	\$18,968.24
7.00%	Interest:	\$20,912.49
9	Duration (Months)	

Total Estimated Soft Costs:

\$120,533.11 40%

Total Estimated Costs:

\$419,245.61

\$126,739.07

CAPITAL FACILITIES CHARGES



Assumptions/Comments:

Paid entirely in Phase I (Commercial charge is special charge on commercial lots not assessed in Phase 1 or 2). All specially assessed.

1 . 2 .	Bid Item Description CAPITAL FACILITIES CHARGES - RESIDENTIAL CAPITAL FACILITIES CHARGES - COMMERCIAL/MIXED USE	Approximate Quantity Unit 0 LOTS 1 LS	Unit Price \$1,500.00 \$112,434.33	Total \$0.00 \$112,434.33
4.	CAPITAL FACILITIES CHARGES - OUTLOTS (A & E)	0.00 AC \$4,200.00 Estimated Construction Costs: Estimated Soft Costs		\$112,434.33
		2.00% Legal: 5.00% Fiscal: 7.00% Interest: 9 Duration (M	onths)	\$2,248.69 \$5,734.15 \$6,321.90
		Total Estimated Soft Costs:		13% \$14,304.74

Total Estimated Costs:

WATER INTERIOR G.O.



Assumptions/Comments:

Price difference for pipes larger than 8" is GO. If Founders Ridge is constructed prior to Ashbury Farm phase 3, the 12" main may not be necessary.

Tota	Unit Price	Unit	Approximate Quantity	Bid Item Description	
		_		-	
\$0.0	\$23.00		0 (CONSTRUCT 6" WATER MAIN	1.
\$0.0	\$26.00		0 !	CONSTRUCT 8" WATER MAIN	2.
\$11,000.0	\$44.00		250	CONSTRUCT 12" WATER MAIN (OFFSITE)	3.
\$24,750.0	\$18.00		1,375	CONSTRUCT 12" WATER MAIN (COST DIFFERNCE WITH 8")	4.
\$81,250.0	\$325.00		250	BORE AND JACK 16" STEEL CASING	9.
\$800.0	\$800.00	EA	1 1	CUT IN 12" TEE AND VALVE	10.
				CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY	
\$0.0	\$3,600.00		0 1	AND BACKING BLOCK	11.
\$0.0	\$3,800.00	EA		CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	12.
\$500.0	\$500.00	EA	1 1	CONSTRUCT 12 X 12 X 8 M.J. TEE ASSEMBLY AND BACKING BLOCK	13 .
\$0.0	\$400.00	EA		CONSTRUCT 8 X 8 X 6 M.J. TEE ASSEMPLY AND BACKING BLOCK	14 .
\$0.0	\$450.00	EA		CONSTRUCT 12X12X12X12 CROSS ASSEMBLY	15.
\$0.0	\$425.00	EA	0 1	CONSTRUCT 12X12X8X8 CROSS ASSEMBLY	16.
\$0.0	\$400.00	EA	0 1	CONSTRUCT 8X8X6X6 CROSS ASSEMBLY	17.
\$3,000.0	\$1,500.00	EA	2	CONSTRUCT M.J. GATE VALVE AND BOX	18 .
\$300.0	\$150.00	EA	2	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	19 .
\$300.0	\$150.00	EA	2	CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK CONSTRUCT 12" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING	20 .
\$300.0	\$150.00	EA	2	BLOCK	21 .
\$0.0	\$300.00	EA	0 (CONSTRUCT 6" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	22 .
\$0.0	\$150.00	EA	0 1	CONSTRUCT 8" X 6" REDUCER	23 .
\$0.0	\$150.00	ĒΑ	0	CONSTRUCT 6" X 6" REDUCER	24 .
\$0.0	\$1,500.00	EA	0	CONSTRUCT CHLORINE TUBE	25 .
\$0.0	\$400.00	EA	0	CONSTRUCT SAMPLE TAP	26 .
\$1,500.0	\$3.00	LF	500	CONSTRUCT SILT FENCE	27 .
\$18,555.0		%	15.00	CONTINGENCY	

Estimated Constructi	on Costs:
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\$142,255.00

Estimated Soft Costs

	Engineering Design and	
21.00%	Construction Administration:	\$29,873.55
1.00%	Geotechnical and Testing:	\$1,422.55
5.00%	Legal:	\$7,112.75
5,00%	Fiscal:	\$9,033.19
7.00%	Interest:	\$9,959.09
9	Duration (Months)	

Total Estimated Soft Costs:	40%
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\$57,401.14

Total Estimated Costs:

\$199,656.14

POWER- Residential



Assumptions/Comments:

Commercial Service could be Delayed

	Bid Item Description	Approximate Quantity Unit U	nit Price Total
2.	UNDERGROUND SERVICE - RESIDENTIAL	0 LOT \$	1,350.00 \$0.00
		Estimated Construction Costs:	\$0.00
		Estimated Soft Cos	<u>sts</u>
		Engineering Design	and
		19.00% Construction Admini	
		5.00% Legal:	\$0.00
		5.00% Fiscal:	\$0.00
		7.00% Interest:	\$0.00
		9 Duration (Months)	
		Total Estimated Soft Costs:	0%\$0.00
		Total Estimated Costs:	\$0.00

POWER



Assumptions/Comments:

Commercial Service could be Delayed

	Bid Item Description	Approximate Quantity Unit	Unit Price	Total	
1.	UNDERGROUND SERVICE - COMMERCIAL	46.24 AC	\$3,580.00	\$165,539.20	
		Estimated Construction Costs:		\$165,539.20	
		Estimated 5	Estimated Soft Costs		
		19.00% Engineering 5.00% Legal: 5.00% Fiscal: 7.00% Interest: 9 Duration (Mo	-	\$31,452.45 \$8,276.96 \$10,263.43 \$11,315.43	
		Total Estimated Soft Costs:		37% \$61,308.27	
		Total Estimated Costs:		\$226,847.47	

DECORATIVE STREET LIGHTS

_Assumptions/Comments:

Ç U:

Using OPPD decorative street light yearly rate, fee and cost differentials PDF provided by Pat Carnazzo with OPPD Using Acorn style street lights with decorative base and assumed 180' spacing (15,000 lf of streets).

Bid Item Description	Approximate Quantity	Unit	Unit Price		Total
1. DECORATIVE STREET LIGHTS	10 E	ĒΑ	2,050.00		\$20,500.00
	Estimated Construct	ion Costs:			\$20,500.00
	<u> </u>	Estimated S	Soft Costs		
	5.00% L 5.00% F 7.00% B		-		\$0.00 \$1,025.00 \$1,076.25 \$791.04
	Total Estimated Soft	Costs:	•	14%	\$2,892.29
	Total Estimated Cost	ts:			\$23,392.29

Plan Review Fee

Assumptions/Comments:



	Bid Item Description	Construction Cost	Plan Review Fee	Total
1.	SANITARY SEWER - INTERIOR	\$111,624.52	1.00%	\$1,116.25
2.	SANITARY SEWER - OUTFALL	\$0.00	1.00%	\$0.00
3.	STORM SEWER	\$284,815.80	1.00%	\$2,848.16
4.	PAVING MINOR	\$442,789.29	1.00%	\$4,427.89
5.			1.00%	\$0.00
6.			1.00%	\$0.00
7.	SIDEWALKS	\$15,032,88	1.00%	\$150,33
8,	REGULATORY SIGNAGE	\$7,750,00	1.00%	\$77.50
9.	WATER INTERIOR	\$298,712.50	1.00%	\$2,987.13

Estimated Construction Costs:

\$11,607.25

Estimated Soft Costs

5.00% Fiscal: \$580.36 7.00% Interest: \$853.13

12 Duration (Months)

Total Estimated Soft Costs:

12% \$1,433.50

Total Estimated Costs:

\$13,040.75

ENGINEERING DESIGN AND CONSTRUCTION ADMIN. GEOTECHNICAL AND TESTING	1NTERIC 21.00%	SANITARY SEWER ESTIMATED SOFT COSTS OF OFFSITE FEE 2.00% N//	EWER COSTS CONNECTION FEES N/A	STORM SEWER ESTIMATED SOFT COSTS 19.00% 1.00%	ESTIMATED MINOR 20.00% 2.00%	PAVING	ESTIMATED SOFT COSTS 21.00% 2.00%
LEGAL	5.00%	5.00% 5.00%	5.00%	5.00%	5.00% 5.00%	5.00%	%00°9
INTEREST DURATION (MONTHS)	7.00%	7.00%	7.00%	7.00%	%00.7 9	%00.7 9	7.00%

PLAN REVIEW FEE 1.00%

■ Water Design by MUD

📝 Water Design by LRA

	SIDEWALKS ESTIMATED SOFT COSTS	LANDSCAPING ESTIMATED SOFT COSTS	WATER - LRA ESTIMATED SOFT COSTS	- LRA	WATER - MUD ESTIMATED SOFT COSTS	- MUD OFT COSTS
		IMPROVEMENTS	INTEROR	OFFSITE		
ENGINEERING DESIGN AND CONSTRUCTION ADMIN.	19.00%	24.00%	21.00%	21.00%	\$.00%	5.00%
GEOTECHNICAL AND TESTING	1.00%	1.00%	1.00%	1.00%	A/N	N/A
LEGAL	5.00%	2.00%	2.00%	2.00%	2.00%	2.00%
FISCAL	2.00%	2.00%	2.00%	2.00%	5.00%	2.00%
INTEREST	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%
DURATION (MONTHS)	12	12	6	6	6	9

UTILITY RELOCATION ESTIMATED SOFT COSTS	2.00%	N/A	2.00%	2:00%	7.00%	12
POWER ESTIMATED SOFT COSTS	19.00%	N/A	5.00%	5.00%	7.00%	G
	ENGINEERING DESIGN AND CONSTRUCTION ADMIN.	GEOTECHNICAL AND TESTING	LEGAL	FISCAL	INTEREST	DURATION (MONTHS)

ESTIMATE 0112043 Total (Estimated for Phase 3).xlsx

