

COUNTER LM C.E. LM
VERIFY LM D.E. LM
PROOF _____
FEES \$ 430.00
CHECK# _____
CHG. COP CASH _____
REFUND _____ CREDIT _____
SHORT _____ NCR _____

FILED SARPY COUNTY NEBRASKA
INSTRUMENT NUMBER

2014-09377

05/07/2014 3:05:02 PM

Floyd J. Dowling

REGISTER OF DEEDS



**FIRST AMENDMENT
TO
SUBDIVISION AGREEMENT**

This First Amendment to the Ashbury Farm Subdivision Agreement, made this 10th day of May, 2014, by and between **SANITARY AND IMPROVEMENT DISTRICT NO. 293** (hereinafter referred to as "DISTRICT"), and **B.H.I. DEVELOPMENT, INC.**, a Nebraska corporation, (hereinafter referred to as "DEVELOPER"), and the **CITY OF PAPIILLION, 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 17, 2013 (hereinafter referred to as the "Agreement").

WHEREAS, Neb. Rev. Stat. §31-714 requires DISTRICT'S contracts for Public Improvements, the expense of which is more than twenty thousand dollars, shall be let to the lowest responsible bidder, except that DISTRICT shall have power to reject any and all bids and readvertise for the letting of such work or to negotiate any contract after an unsuccessful public letting.

WHEREAS, DISTRICT bid the Public Improvements and the bid for a portion of the Public Improvements was unsuccessful;

WHEREAS, DISTRICT desires to enter into a contract as permitted by Neb. Rev. Stat. §31-714 with DEVELOPER to construct specific Public Improvements (as defined in Section 2) at the private expense of DEVELOPER excluding the professional services fees;

WHEREAS, DISTRICT proposes to amend the Source and Use of Funds for the allocation of expenses for the privately financed Public Improvements (hereinafter the "Privately Financed Public Improvements");

WHEREAS, CITY and DISTRICT wish to agree on the allocation of expenses for the Privately Financed Public Improvements and the terms and conditions under which the Privately Financed Public Improvements will be completed;

WHEREAS, CITY supports an amendment to the Agreement and Source and Use of Funds to provide for the allocation of expenses and terms and conditions for the Privately Financed Public Improvements.

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

1. Capitalized Terms. All capitalized terms used in this First Amendment shall have the meanings set forth in the Agreement except as otherwise defined herein.

City of Papillion

- 2. Privately Financed Public Improvements. The Privately Financed Public Improvements shall mean those Dedicated Streets and associated storm sewer inlets identified on Exhibit "C-1B".
- 3. Area of Application. The Subdivision Agreement Amendment applies to Lots 1 – 121 and Outlots A – F, Ashbury Farm.
- 4. Amendment #1. Section II, B (Public Improvements) shall be amended to read:

B. Construction of and concrete paving of the streets dedicated per plat as shown on Exhibit "C-1A" including the deceleration lane along HWY 370 at 120th Street.
- 5. Amendment #2. Section II, E (Public Improvements) shall be amended to read:

E. All storm sewers, inlets, and appurtenances constructed within dedicated street right-of-ways or easements within the Development Area shown on Exhibit C-1A, excluding those inlets to be privately financed as identified on Exhibit C-1B. Permanent stormwater detention basins on and off site as shown on Exhibit "E".
- 6. Amendment #3. Section XV shall be added to the Agreement to read as follows:

SECTION XV

PRIVATELY FINANCED PUBLIC IMPROVEMENTS

- A. DISTRICT shall cause all Privately Financed Public Improvements to be constructed and installed in accordance with the terms and conditions of this Agreement.
- B. DISTRICT shall require DEVELOPER to abide by and incorporate into all of its construction contracts for Privately Financed Public Improvements the provisions required by the regulations of CITY pertaining to construction of public improvements in developments/subdivisions and testing procedures therefore.
- C. At least thirty (30) working days before commencing any work in connection with the Privately Financed Public Improvements, the DISTRICT or DEVELOPER as authorized by contract with DISTRICT shall first:
 - 1. Deliver to the appropriate department(s) of the CITY duly executed copies of any agreement(s) for work required for, or otherwise entered into in connection with the Privately Financed Public Improvements including required bonds and insurance certifications, and all plans for the Privately Financed Public Improvements. The specifications and technical terms of all such agreements and plans shall have been received and approved by CITY prior to the execution of any agreements for construction or installation of the Privately Financed Public Improvements by DISTRICT or DEVELOPER as authorized by contract with DISTRICT.

2. The CITY and its departments agree to reasonably cooperate with the DISTRICT, its agents and contractors for the timely and orderly installation of the Privately Financed Public Improvements following the execution of this Agreement and submittal of required documents.
- D. Any contracts for the construction or installation of the Privately Financed Public Improvements entered by DISTRICT or DEVELOPER as authorized by contract with DISTRICT shall provide that the contractor or subcontractor constructing or installing the Privately Financed Public Improvements shall have no recourse against CITY for any claim or matter arising out of, or in any way whatsoever, including without limitation, the cost for Privately Financed Public Improvements, construction oversight of the Privately Financed Public Improvements, the design or preparation of plans and specifications for the Privately Financed Public Improvements, or the construction of the Privately Financed Public Improvements.
 - E. DEVELOPER shall obtain general liability insurance, as well as payment and performance bonds equivalent to the total constructions costs, for the Privately Financed Public Improvements within the Development Area, and shall show proof of such insurance and bonds to the CITY and DISTRICT prior to the commencement of construction.
 - F. DEVELOPER shall cause CITY to be named as an additional insured under any policy of insurance, including all payment and performance bonds obtained by DEVELOPER (whether or not required by this Agreement) or any other person in connection with the construction or operation of the Public Improvements. Additionally, DEVELOPER shall cause DISTRICT to be named as an additional insured under any policy of insurance, including all payment and performance bonds obtained by DEVELOPER in connection with the construction or operation of the Privately Financed Public Improvements.
 - G. The construction cost of all Privately Financed Public Improvements shall be borne by and be at the sole expense of DEVELOPER. The professional services fees for all Privately Financed Public Improvement shall be one hundred percent (100%) specially assessed to all lots or parcels of ground within DISTRICT which are specially benefited by reason of such Privately Financed Public Improvements.
 - H. Prior to the award of the contract for the Privately Financed Public Improvements, DISTRICT'S Engineer shall provide a document that details the itemized special assessment costs to City Engineer.
 - I. All special assessments of the professional services fees for the Publicly Financed Public Improvements shall be levied upon all lots or parcels of ground within DISTRICT which are specially benefited by reason of such Privately Financed Public Improvement(s), such levy to be made within six (6) months after the final acceptance of the Privately Financed Public Improvements associated with each respective phase that are

subject to special assessment by DISTRICT'S Board of Trustees or Administrator. All such special assessments shall be levied within eighteen (18) months after commencement of construction.

J. No special assessments shall be assessed against any outlot or dedicated park land. Costs associated with Privately Financed Public Improvements adjacent to or within an outlot (not deemed to be dedicated park land) shall not be borne by general obligation cost, except as provided in Section IV. Such costs shall be specially assessed against all lots (excluding outlots) within the Development Area.

K. Prior to publishing notice to levy special assessments, DISTRICT agrees to submit to CITY:

1. A schedule of the proposed special assessments;
2. A plat of the area to be assessed;
3. A full and detailed statement of the professional services fees for the Privately Financed Public Improvements, which statement or statements shall separately show:
 - a) The amount paid to DISTRICT'S Engineer(s) which shall include a complete and itemized log of work hours, testing expenses and all reimbursable expenses that shall be broken down into corresponding service (design, observation, testing, surveying, etc.);
 - b) The amount paid to DISTRICT'S Fiscal Agent(s); and
 - c) The amount paid for penalties, forfeitures or default charges; and
 - d) A complete and itemized warrant registry detailing the warrant numbers, payee name, registration date, maturity date, interest date, interest rate, the amount paid with corresponding invoice numbers to payee, and the Privately Financed Public Improvement professional services fees for which the warrants were issued.
4. DISTRICT agrees to obtain written approval of CITY of proposed special assessments schedules prior to advertising for any hearing of DISTRICT to be held for the purpose of equalizing or levying special assessments against property specially benefited by any Public Improvements constructed by DISTRICT.
5. The DISTRICT agrees to obtain written approval of CITY of proposed special assessments schedules prior to advertising for any hearing of DISTRICT to be held for the purpose of equalizing or levying special assessments against property specially benefited by

any Privately Financed Public Improvements constructed by DISTRICT.

- L. The DISTRICT agrees to obtain written approval of CITY of proposed special assessments schedules prior to advertising for any hearing of DISTRICT to be held for the purpose of equalizing or levying special assessments against property specially benefited by any Public Improvements constructed by DISTRICT.
- M. The parties agree that the professional service fees paid on the Privately Financed Public Improvements shall be subject to Section V, except that the parties acknowledge that the DISTRICT'S Attorney(s) has agreed not to collect professional services fees related to the Privately Financed Public Improvements.
- N. Upon completion of the Privately Financed Public Improvements, the Parties agree that the Privately Financed Public Improvements shall be maintained by DISTRICT to the same standard as the Public Improvements until such time that DISTRICT is annexed by CITY.

7. Amendment #4. Section IV shall be amended to read:

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-1" 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 (10%) percent of any individual contract as described in Exhibit "G", shall be submitted to CITY for approval prior to the work being started. If the work is approved by the City Administrator and the City Engineer, the total cost of the work may be added to the contract and Exhibit "G-1". If the work is not approved by the City Administrator and City Engineer, the cost of the work shall be included in the statements of cost and specially assessed evenly against the DISTRICT'S assessable property or the cost of the work shall be privately financed. In no case shall the general obligation costs of DISTRICT exceed \$4,600,000.00 (the amount shown as the total general obligation in Exhibit "G-1"), at the time of levy of special assessments. Special assessments shall be increased if necessary to reduce the general obligation debt to the required amount.

8. Amendment #5. Section IV, Subsection F shall be amended to read:

Capital Facilities Charges. DEVELOPER shall pay to CITY Capital Facilities Charges in the amount of \$506,190.63 based on 110 residential lots at \$1,970 per lot (\$216,700) plus 7.44 acres of outlots at \$5,520 per acre (\$39,060) plus 44.521 acres of Mixed Use at \$5,625 per acre (\$250,430.63), less a 25% credit for exterior water main extension of \$126,547.65, for a net charge of \$379,642.98. Not less than fifty percent (50%) of gross Capital Facilities Charges paid to CITY shall be specially assessed against property served. CITY shall provide DEVELOPER with an invoice for the Capital

Facilities Charges after City Council approves the Final Plat. **Capital Facilities Charges shall be paid prior to issuance of any building permits.**

DEVELOPER acknowledges that the Capital Facility Charges for the Mixed Use lot area is based on the Commercial rate (\$5,515 per acre) rather than the Multi-Family Residential rate (\$6,000 per acre). If any portion of the Mixed Use District is developed as any of the Residential Use Types specified in the Mixed Use Development Agreement Permitted Uses List, DEVELOPER agrees to pay CITY the \$485 per acre cost differential between the two rates. Such payment shall be made prior to the issuance of any building permits for said lot.

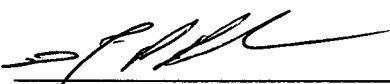
- 9. Exhibit Modifications.
 - A. Exhibit "C" is hereby repealed in its entirety and replaced with Exhibit "C-1A" and Exhibit "C-1B".
 - B. Exhibit "G" is hereby repealed in its entirety and replaced with Exhibit "G-1".
- 10. No Other Amendment. Except as specifically set forth herein, the Agreement shall remain in full force and effect.
- 11. Binding Effect. This First Amendment to the Subdivision Agreement shall be binding upon the parties, their respective successors and assigns.

ATTEST:

THE CITY OF PAPPILLION, NEBRASKA



 Elizabeth Butler, City Clerk



 David P. Black, Mayor

SEAL:



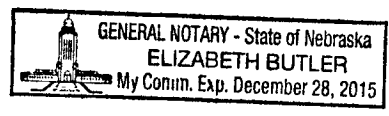
SANITARY AND IMPROVEMENT DISTRICT
NO. 293 OF SARPY COUNTY, NEBRASKA

By *Gerald L. Torczon*
Gerald L. Torczon, Chairman

STATE OF NEBRASKA)
) ss.
COUNTY OF SARPY)

Before me, a notary public, in and for said county and state, personally came Gerald L. Torczon, Chairman of Sanitary and Improvement District No. 293 of Sarpy County, Nebraska, known to me to be the identical person who executed the above instrument and acknowledged the execution thereof be his voluntary act and deed on behalf of such District.

Witness my hand and Notarial Seal this 30th day of April, 2014.



Elizabeth Butler
Notary Public

DEVELOPER:

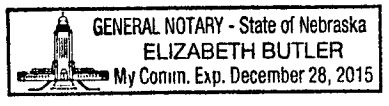
B.H.I. DEVELOPMENT, INC.,
a Nebraska corporation

By *Gerald L. Torczon*
Gerald L. Torczon, President

STATE OF NEBRASKA)
) ss.
COUNTY OF SARPY)

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 30th day of April, 2014.



Elizabeth Butler
Notary Public

**SUBDIVISION AGREEMENT AMENDMENT
TABLE OF CONTENTS**

INTRODUCTION STATEMENT

RECITALS

SECTION	1	Capitalized Terms
	2	Privately Financed Public Improvements
	3	Area of Application
	4	Amendment #1
	5	Amendment #2
	6	Amendment #3
	7	Amendment #4
	8	Exhibit Modifications
	9	No Other Amendment
	10	Binding Effect

EXHIBITS:

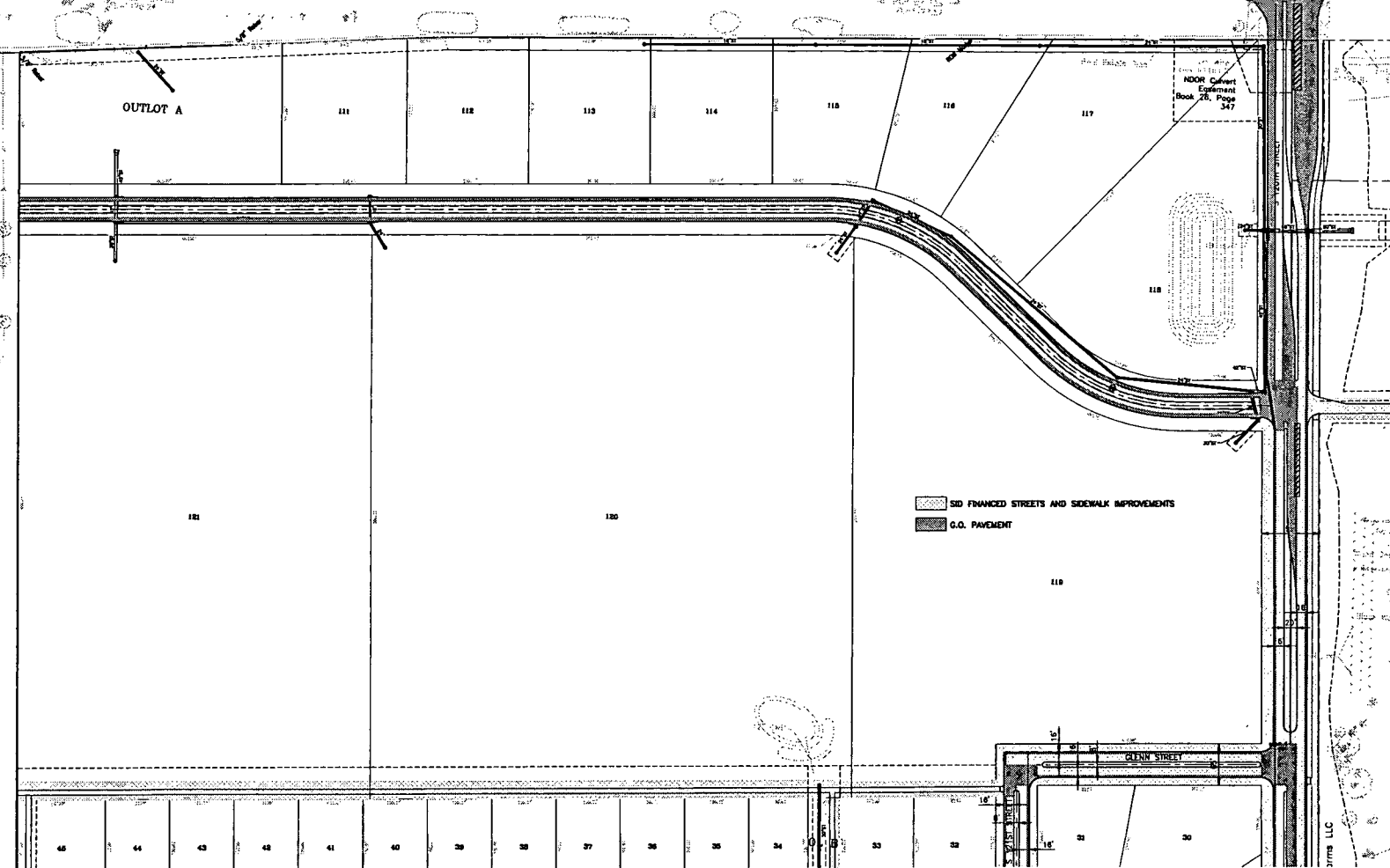
C-1A	Publicly Financed Streets & Storm Sewer
C-1B	Privately Financed Streets & Storm Sewer
G-1	Source and Use of Funds

**SANITARY AND IMPROVEMENT DISTRICT NO. 293, SARPY COUNTY, NEBRASKA
ASHBURY FARM**

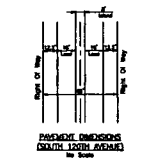
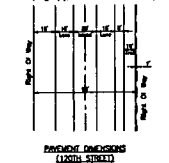
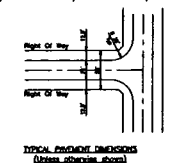
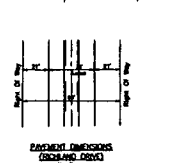


VICINITY MAP

HWY 370



- LEGEND**
- Property Line
 - Proposed Paved Area
 - Proposed Sanitary Sewer
 - Fire Area
 - Proposed Manhole
 - Water
 - Fire Hydrant Assembly
 - Proposed G.O. Paving
 - Proposed Sidewalk Removal
 - Existing Gas
 - Existing Water
 - Existing Storm Sewer
 - Existing Sanitary Sewer
 - Existing Sanitary Sewer Man
 - Existing Manhole
 - Existing Storm Sewer
 - Existing Underground Power
 - Water
 - Existing Structure
 - Existing Vegetation Limits



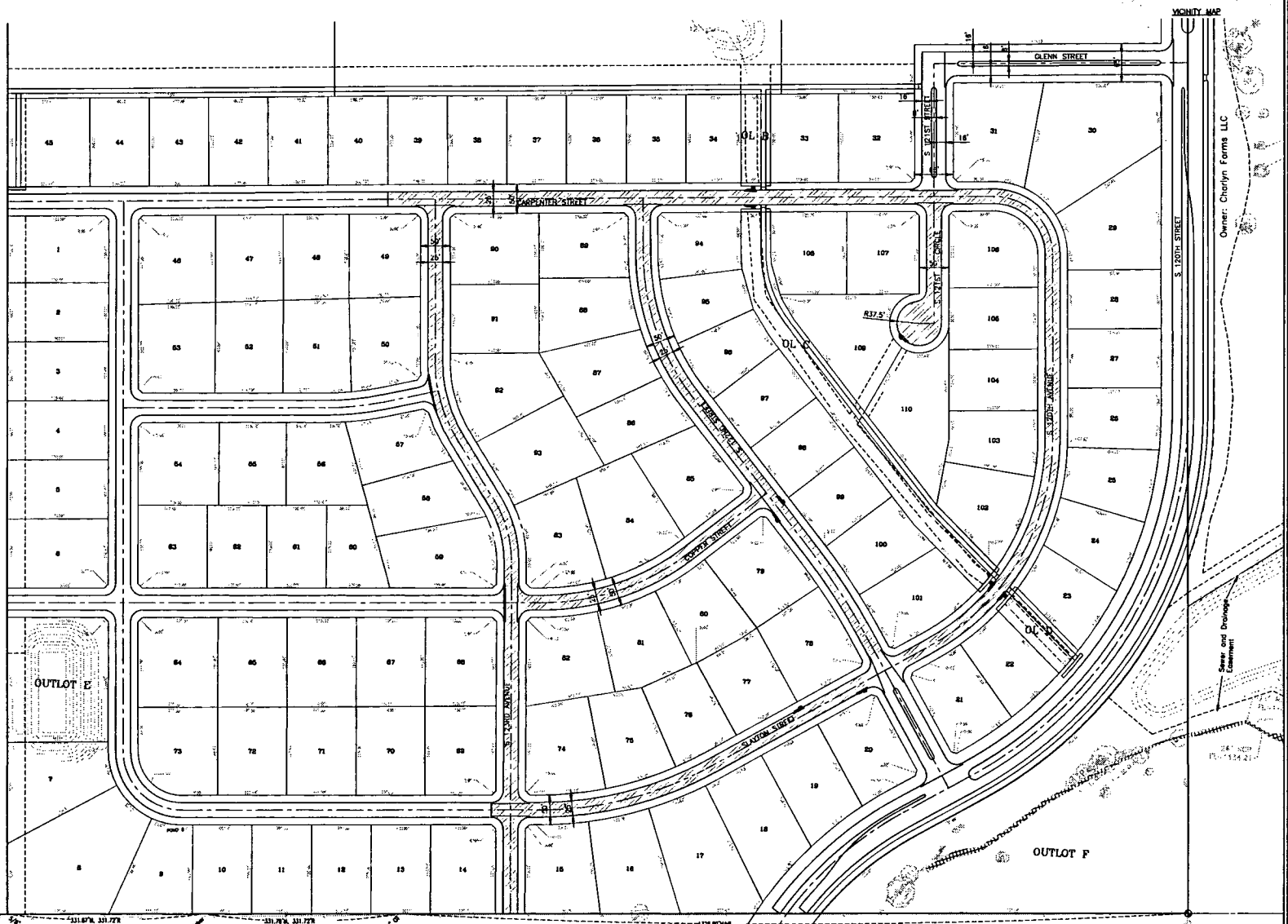
LAMP RYNEARSON
ENGINEERS & ARCHITECTS
11715 West Dodge Road, Suite 101
Omaha, Nebraska 68148-2827
402-492-2300
www.lamp.com

PUBLICLY FINANCED STREETS AND STORM SEWER

EXHIBIT C-1A

T

SANITARY AND IMPROVEMENT DISTRICT NO. 293, SARPY COUNTY, NEBRASKA
ASHBURY FARM



VICINITY MAP

Owner: Charlyn Farms LLC

Sewer and Drainage
Commitment

LEGEND	
	Property Line
	Proposed Pavement
	Proposed Sanitary Sewer
	Flow Arrow
	Proposed Manhole
	Water
	Fire Hydrant Assembly
	Proposed G.O. Parking
	Proposed Driveway Symbol
	Existing Gas
	Existing Water
	Existing Storm Sewer
	Existing Sanitary Sewer
	Existing Sanitary Sewer Inlets
	Existing Manhole
	Existing Overhead Power
	Existing Underground Power
	Retardant
	Existing Structure
	Existing Vegetation Lines
	PAVEMENT DIMENSIONS (2x4x6x8) No Scale
	TYPICAL PAVEMENT DIMENSIONS (12x18x24) (Other alternate sizes) No Scale
	PAVEMENT DIMENSIONS (12x18x24) No Scale
	PAVEMENT DIMENSIONS (12x18x24) No Scale

PRIVATELY FINANCED STREETS AND SIDEWALK IMPROVEMENTS
(NO G.O. PAVEMENT)

LAMP RYNEARSON
& ASSOCIATES
ENGINEERS
4170 West Dodge Road, Suite 105
Lincoln, NE 68502
402.476.2200 P
402.476.2201 F
www.lra.com

PRIVATELY FINANCED STREETS AND STORM SEWER

EXHIBIT C-1B

Plot number: 1001
0112011.11-000
Sheet: 1 of 1
Date: 7/27/2014
1 of 1

5

Asbury Farm, Sarpy County SID 293

ORDER OF MAGNITUDE COST ESTIMATE

Final Plat Exhibit G-1

Proposed Improvement	Quantity	Unit	Construction Cost	Total Cost	General Obligation	Special	Future SID Reimbursable	City of Papillion Reimbursable	Sarpy County Reimbursable	Private
SANITARY SEWER										
Interior	10331	LF	\$633,000.00	\$900,200.00	\$166,900.00	\$733,300.00	\$0.00	\$0.00	\$0.00	\$0.00
Outfall	5300	LF	\$401,300.00	\$568,000.00	\$0.00	\$0.00	\$0.00	\$568,000.00	\$0.00	\$0.00
STORM SEWER	9012	LF	\$628,900.00	\$890,200.00	\$823,300.00	\$18,800.00	\$0.00	\$0.00	\$48,100.00	\$0.00
PAVING										
Minor	24405	SY	\$1,194,700.00	\$1,555,200.00	\$403,400.00	\$674,200.00	\$0.00	\$0.00	\$0.00	\$477,600.00
120th Street	17600	SY	\$659,700.00	\$918,600.00	\$221,500.00	\$189,300.00	\$279,700.00	\$0.00	\$228,100.00	\$0.00
Highway 370 Decal Lane	2550	SY	\$328,200.00	\$457,000.00	\$411,300.00	\$0.00	\$45,700.00	\$0.00	\$0.00	\$0.00
Highway 370 Contribution	1	LS	\$362,400.00	\$405,600.00	\$405,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SIDEWALKS	52150	SF	\$167,700.00	\$237,500.00	\$174,400.00	\$0.00	\$63,100.00	\$0.00	\$0.00	\$0.00
LANDSCAPING	1	LS	\$100,000.00	\$139,200.00	\$139,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
REGULATORY SIGNS	33	EA	\$13,700.00	\$19,800.00	\$19,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PARKS ACQUISITION	3.00	AC	\$31,500.00	\$37,200.00	\$37,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
WATER										
Interior	15769	LF	\$874,500.00	\$1,217,800.00	\$343,600.00	\$874,200.00	\$0.00	\$0.00	\$0.00	\$0.00
Capital Facilities Charge	110	Lots	\$379,600.00	\$554,500.00	\$277,300.00	\$277,200.00	\$0.00	\$0.00	\$0.00	\$0.00
City Infrastructure Contrib	1	LS	\$1,356,000.00	\$1,503,100.00	\$901,900.00	\$0.00	\$601,200.00	\$0.00	\$0.00	\$0.00
POWER										
Service	110	Lots	\$96,800.00	\$132,000.00	\$0.00	\$132,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Commercial Service	46	AC	\$145,700.00	\$193,200.00	\$0.00	\$193,200.00	\$0.00	\$0.00	\$0.00	\$0.00
Decorative Street Lights	84	EA	\$172,300.00	\$201,700.00	\$201,700.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CIVIL DEFENSE SIREN	1	LS	\$30,000.00	\$42,400.00	\$42,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PLAN REVIEW FEE	1	%	\$50,200.00	\$56,500.00	\$30,500.00	\$26,000.00	\$0.00	\$0.00	\$0.00	\$0.00

Total	\$7,626,200.00	\$10,029,700.00	\$4,600,000.00	\$3,118,200.00	\$989,700.00	\$568,000.00	\$276,200.00	\$477,600.00
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Residential Valuation	110	Lots	\$55,000,000.00	Debt Ratio (95% Valuation)	4.60%
Commercial Valuation	44.52	AC	\$50,364,678.08		
Total Valuation	100%		\$105,364,678.08		
Total Valuation	95%		\$100,096,444.18		



S.I.D. Cost Estimate

Ashbury Farm - Phase I (updated with bid pricing)

112043.11

SID No. 293

4/21/2014

Asbury Farm, Sarpy County SID 293
ORDER OF MAGNITUDE COST ESTIMATE
Phase I (updated with bid pricing)

Proposed Improvement	Quantity	Unit	Construction Cost	Total Cost	General Obligation	Special	Future SID Reimbursable	City of Papillion Reimbursable	Sarpy County Reimbursable	Private
SANITARY SEWER										
Interior	5600	LF	\$261,900.00	\$370,700.00	\$0.00	\$370,700.00	\$0.00	\$0.00	\$0.00	\$0.00
Outfall	5300	LF	\$401,300.00	\$568,000.00	\$0.00	\$0.00	\$0.00	\$568,000.00	\$0.00	\$0.00
STORM SEWER	4225	LF	\$333,000.00	\$471,400.00	\$404,500.00	\$18,800.00	\$0.00	\$0.00	\$48,100.00	\$0.00
PAVING										
Minor	15505	SY	\$477,700.00	\$588,500.00	\$0.00	\$110,900.00	\$0.00	\$0.00	\$0.00	\$477,600.00
120th Street	17600	SY	\$659,700.00	\$918,600.00	\$221,500.00	\$189,300.00	\$279,700.00	\$0.00	\$228,100.00	\$0.00
Highway 370 Decel Lane	2550	SY	\$328,200.00	\$457,000.00	\$411,300.00	\$0.00	\$45,700.00	\$0.00	\$0.00	\$0.00
Highway 370 Contribution	1	LS	\$362,400.00	\$405,600.00	\$405,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SIDEWALKS	48280	SF	\$148,000.00	\$209,500.00	\$146,400.00	\$0.00	\$63,100.00	\$0.00	\$0.00	\$0.00
LANDSCAPING	1	LS	\$100,000.00	\$139,200.00	\$139,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
REGULATORY SIGNS	21	EA	\$10,500.00	\$15,100.00	\$15,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PARKS ACQUISITION	3.00	AC	\$31,500.00	\$37,200.00	\$37,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
WATER										
Interior	8419	LF	\$414,600.00	\$577,400.00	\$142,300.00	\$435,100.00	\$0.00	\$0.00	\$0.00	\$0.00
Capital Facilities Charge	62	Lots	\$379,600.00	\$554,500.00	\$277,300.00	\$277,200.00	\$0.00	\$0.00	\$0.00	\$0.00
City Infrastructure Contrib	1	LS	\$1,356,000.00	\$1,503,100.00	\$901,900.00	\$0.00	\$601,200.00			
POWER										
Service	62	Lots	\$54,600.00	\$76,000.00	\$0.00	\$76,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Decorative Street Lights	75	EA	\$153,800.00	\$180,500.00	\$180,500.00	\$0.00				
CIVIL DEFENSE SIREN	1	LS	\$30,000.00	\$42,400.00	\$42,400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PLAN REVIEW FEE	1	%	\$31,600.00	\$35,600.00	\$19,600.00	\$16,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Total			\$5,534,400.00	\$7,150,300.00	\$3,344,800.00	\$1,494,000.00	\$989,700.00	\$568,000.00	\$276,200.00	\$477,600.00

3

N

DEBT RATIO

ASSUMPTIONS

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

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

Commercial Land Value per square foot =

Commercial Building Value per square foot (Includes Land) =

ASSESSABLE VALUATION

Residential Lot	<input type="text" value="62"/>	Units =	\$85,000.00 =	\$5,270,000.00
Residential Improvements	<input type="text" value="62"/>	Units =	\$415,000.00 =	\$25,730,000.00
Commercial Land	<input type="text" value="0.000"/>	AC =	\$348,480.00 =	\$0.00
Commercial Building (20% of Lot Area)	<input type="text" value="0"/>	SF =	\$85.00 =	\$0.00
			Total 100% Valuation =	\$31,000,000.00
			Total 95% Valuation =	\$29,450,000.00
			DEBT RATIO =	<input type="text" value="11.36%"/>

SANITARY SEWER - INTERIOR

Assumptions/Comments:



Updated with RH Construction Bid

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1 .	CLEARING AND GRUBBING GENERAL	1	LS	\$0.00	\$0.00
2 .	CONSTRUCT 6" SANITARY SEWER PIPE	2200	LF	\$13.50	\$29,700.00
3 .	CONSTRUCT 8" SANITARY SEWER PIPE	5600	LF	\$13.75	\$77,000.00
4 .	CONSTRUCT 54" I.D. SANITARY MANHOLE (25 EA)	375	VF	\$260.00	\$97,500.00
5 .	CONSTRUCT 8" X 6" WYE	44	EA	\$75.00	\$3,300.00
6 .	CONSTRUCT 6" MANHOLE STUBOUT	18	EA	\$42.00	\$756.00
7 .	CONSTRUCT 6" PIPE BEDDING	2200	LF	\$3.00	\$6,600.00
8 .	CONSTRUCT 8" PIPE BEDDING	5600	LF	\$3.00	\$16,800.00
9 .	CONSTRUCT MANHOLE RING COLLAR	3	EA	\$275.00	\$825.00
10 .	CONSTRUCT EXTERNAL FRAME SEAL	3	EA	\$367.00	\$1,101.00
11 .	STABILIZE TRENCH W/ CRUSHED LIMESTONE	450	TN	\$24.00	\$10,800.00
12 .	CONSTRUCT SILT FENCE	500	LF	\$1.50	\$750.00
13 .	CLEANOUT SILT BASIN	1000	CY	\$1.00	\$1,000.00
14 .	CLEANOUT SILT FENCE	500	LF	\$0.50	\$250.00
15 .	CONSTRUCT ROCK ACCESS ROAD	200	TN	\$15.00	\$3,000.00
16 .	CONTINGENCY	5%			\$12,489.10

Estimated Construction Costs: \$261,851.10

Estimated Soft Costs

Engineering Design, Construction		
21.00%	Admin, Geotechnical & Testing	\$54,988.73
5.00%	Legal:	\$13,092.56
5.00%	Fiscal:	\$16,496.62
7.00%	Interest:	\$24,250.03
12 Duration (Months)		

Total Estimated Soft Costs: 42% \$108,827.94

Total Estimated Costs: \$370,679.04

P

SANITARY SEWER - OUTFALL

Assumptions/Comments:



Updated with TAB Construction Bid

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . CLEARING AND GRUBBING GENERAL	1	LS	\$18,555.00	\$18,555.00
2 . CLEARING AND GRUBBING TREES OVER 9" TO 18" DIAMETER	50	EA	\$185.00	\$9,250.00
3 . REMOVE PAVEMENT	100	SY	\$5.50	\$550.00
4 . REMOVE FENCE	400	LF	\$2.70	\$1,080.00
5 . REMOVE AND REPLACE FENCE	500	LF	\$10.05	\$5,025.00
6 . REMOVE, SALVAGE AND REINSTALL FENCE	100	LF	\$27.15	\$2,715.00
7 . REMOVE 12" MANHOLE STUBOUT	1	EA	\$715.00	\$715.00
8 . CONSTRUCT 8" SANITARY SEWER PIPE	2,300	LF	\$14.25	\$32,775.00
9 . CONSTRUCT 10" SANITARY SEWER PIPE	1,850	LF	\$16.65	\$30,802.50
10 . CONSTRUCT 12" SANITARY SEWER PIPE	1,150	LF	\$21.25	\$24,437.50
11 . BORE AND JACK 18" STEEL CASING W/12" DUCTILE IRON PIPE	360	LF	\$270.00	\$97,200.00
12 . CONSTRUCT 54" I.D. SANITARY MANHOLE (17 EA)	225	VF	\$282.75	\$63,618.75
13 . CONSTRUCT EXTENDED MANHOLE RING COLLAR	15	EA	\$285.00	\$4,275.00
14 . CONSTRUCT EXTERNAL FRAME SEAL	15	EA	\$345.00	\$5,175.00
15 . CONSTRUCT 12" CONNECTION TO EXISTING STRUCTURE	1	EA	\$225.00	\$225.00
16 . CONSTRUCT 8" PIPE BEDDING	2,250	LF	\$3.10	\$6,975.00
17 . CONSTRUCT 10" PIPE BEDDING	1,850	LF	\$3.50	\$6,475.00
18 . CONSTRUCT 12" PIPE BEDDING	1,150	LF	\$5.00	\$5,750.00
19 . STABILIZATION TRENCH W/ CRUSHED LIMESTONE	800	TN	\$30.00	\$24,000.00
20 . EXCAVATION FOR EXTRA DEEP SANITARY SEWER	1,000	VF-LF	\$9.55	\$9,550.00
21 . CONSTRUCT SILT FENCE	1,000	LF	\$2.00	\$2,000.00
22 . CLEANOUT SILT FENCE	1,000	LF	\$0.50	\$500.00
23 . EXPLORATORY EXPLORATION	20	HR	\$370.00	\$7,400.00
ALTERNATE NO. 1				
24 . ADD ALTERNATE TO REPLACE MANHOLE S02 WITH SAMPLING MANHOLE	1	LS	\$18,537.70	\$18,537.70
25 . SEEDING - TYPE "TEMPORARY SEED MIX"	15	AC	\$550.00	\$8,250.00
26 . CONTINGENCY		4%		\$15,433.46

Estimated Construction Costs: \$401,269.91

Estimated Soft Costs

Engineering Design, Construction	
21.00% Admin, Geotechnical & Testing	\$84,266.68
5.00% Legal:	\$20,063.50
5.00% Fiscal:	\$25,280.00
7.00% Interest:	\$37,161.61
12 Duration (Months)	

Total Estimated Soft Costs: 42% \$166,771.79

Total Estimated Costs: \$568,041.69

SANITARY SEWER - INTERIOR G.O.

Assumptions/Comments:



Updated with RH Construction Bid

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1 .	CLEARING AND GRUBBING GENERAL	0	LS	\$0.00	\$0.00
2 .	CONSTRUCT 6" SANITARY SEWER PIPE	0	LF	\$13.50	\$0.00
3 .	CONSTRUCT 8" SANITARY SEWER PIPE	0	LF	\$13.75	\$0.00
4 .	CONSTRUCT 54" I.D. SANITARY MANHOLE (25 EA)	0	VF	\$260.00	\$0.00
5 .	CONSTRUCT 8" X 6" WYE	0	EA	\$75.00	\$0.00
6 .	CONSTRUCT 6" MANHOLE STUBOUT	0	EA	\$42.00	\$0.00
7 .	CONSTRUCT 6" PIPE BEDDING	0	LF	\$3.00	\$0.00
8 .	CONSTRUCT 8" PIPE BEDDING	0	LF	\$3.00	\$0.00
9 .	CONSTRUCT MANHOLE RING COLLAR	0	EA	\$275.00	\$0.00
10 .	CONSTRUCT EXTERNAL FRAME SEAL	0	EA	\$367.00	\$0.00
11 .	STABILIZE TRENCH W/ CRUSHED LIMESTONE	0	TN	\$24.00	\$0.00
12 .	CONSTRUCT SILT FENCE	0	LF	\$1.50	\$0.00
13 .	CLEANOUT SILT BASIN	0	CY	\$1.00	\$0.00
14 .	CLEANOUT SILT FENCE	0	LF	\$0.50	\$0.00
15 .	CONSTRUCT ROCK ACCESS ROAD	0	TN	\$15.00	\$0.00
16 .	CONTINGENCY	5%			\$0.00

Estimated Construction Costs: \$0.00

Estimated Soft Costs

Engineering Design, Construction		
21.00%	Admin, Geotechnical & Testing	\$0.00
5.00%	Legal:	\$0.00
5.00%	Fiscal:	\$0.00
7.00%	Interest:	\$0.00
12 Duration (Months)		

Total Estimated Soft Costs: 0% \$0.00

Total Estimated Costs: \$0.00

R

SANITARY SEWER - OUTFALL REIMBURSABLE

Assumptions/Comments:

Updated with TAB Construction Bid



Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . CLEARING AND GRUBBING GENERAL	1	LS	\$18,555.00	\$18,555.00
2 . CLEARING AND GRUBBING TREES OVER 9" TO 18" DIAMETER	50	EA	\$185.00	\$9,250.00
3 . REMOVE PAVEMENT	100	SY	\$5.50	\$550.00
4 . REMOVE FENCE	400	LF	\$2.70	\$1,080.00
5 . REMOVE AND REPLACE FENCE	500	LF	\$10.05	\$5,025.00
6 . REMOVE, SALVAGE AND REINSTALL FENCE	100	LF	\$27.15	\$2,715.00
7 . REMOVE 12" MANHOLE STUBOUT	1	EA	\$715.00	\$715.00
8 . CONSTRUCT 8" SANITARY SEWER PIPE	2,300	LF	\$14.25	\$32,775.00
9 . CONSTRUCT 10" SANITARY SEWER PIPE	1,850	LF	\$16.65	\$30,802.50
10 . CONSTRUCT 12" SANITARY SEWER PIPE	1,150	LF	\$21.25	\$24,437.50
11 . BORE AND JACK 18" STEEL CASING W/12" DUCTILE IRON PIPE	360	LF	\$270.00	\$97,200.00
12 . CONSTRUCT 54" I.D. SANITARY MANHOLE (17 EA)	225	VF	\$282.75	\$63,618.75
13 . CONSTRUCT EXTENDED MANHOLE RING COLLAR	15	EA	\$285.00	\$4,275.00
14 . CONSTRUCT EXTERNAL FRAME SEAL	15	EA	\$345.00	\$5,175.00
15 . CONSTRUCT 12" CONNECTION TO EXISTING STRUCTURE	1	EA	\$225.00	\$225.00
16 . CONSTRUCT 8" PIPE BEDDING	2,250	LF	\$3.10	\$6,975.00
17 . CONSTRUCT 10" PIPE BEDDING	1,850	LF	\$3.50	\$6,475.00
18 . CONSTRUCT 12" PIPE BEDDING	1,150	LF	\$5.00	\$5,750.00
19 . STABILIZATION TRENCH W/ CRUSHED LIMESTONE	800	TN	\$30.00	\$24,000.00
20 . EXCAVATION FOR EXTRA DEEP SANITARY SEWER	1,000	VF-LF	\$9.55	\$9,550.00
21 . CONSTRUCT SILT FENCE	1,000	LF	\$2.00	\$2,000.00
22 . CLEANOUT SILT FENCE	1,000	LF	\$0.50	\$500.00
23 . EXPLORATORY EXPLORATION	20	HR	\$370.00	\$7,400.00
ALTERNATE NO. 1				
24 . ADD ALTERNATE TO REPLACE MANHOLE S02 WITH SAMPLING MANHOLE	1	LS	\$18,537.70	\$18,537.70
25 . SEEDING - TYPE "TEMPORARY SEED MIX"	15	AC	\$550.00	\$8,250.00
26 . CONTINGENCY	4%			\$15,433.46

Estimated Construction Costs: \$401,269.91

Estimated Soft Costs

Engineering Design, Construction	
21.00% Admin, Geotechnical & Testing	\$84,266.68
5.00% Legal:	\$20,063.50
5.00% Fiscal:	\$25,280.00
7.00% Interest:	\$37,161.61
12 Duration (Months)	

Total Estimated Soft Costs: 42% \$166,771.79

Total Estimated Costs: \$568,041.69

5

STORM SEWER

Assumptions/Comments:

Updated with Roloff Construction Bid

Does not include 120th Street storm sewer

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1.	GENERAL GRADING AND SHAPING	1	LS	\$5,000.00	\$5,000.00
2.	REMOVE SEWER PIPE	200	LF	\$12.41	\$2,482.00
3.	CONSTRUCT 18" R.C.P., CLASS III	475	LF	\$21.93	\$10,416.75
4.	CONSTRUCT 24" R.C.P., CLASS III	425	LF	\$28.52	\$12,121.00
5.	CONSTRUCT 30" R.C.P., CLASS III	685	LF	\$37.75	\$25,858.75
6.	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	800	LF	\$48.95	\$39,160.00
7.	CONSTRUCT 42" R.C.P., D(0.01) = 1,350	245	LF	\$67.85	\$16,623.25
8.	CONSTRUCT 48" R.C.P., D(0.01) = 1,350	0	LF	\$80.78	\$0.00
9.	CONSTRUCT 60" R.C.P., D(0.01) = 1,350	0	LF	\$120.30	\$0.00
10.	CONSTRUCT 54" I.D. MANHOLE (4 EA)	40	VF	\$357.02	\$14,280.80
11.	CONSTRUCT 72" I.D. MANHOLE (0 EA)	0	VF	\$427.49	\$0.00
12.	CONSTRUCT MANHOLE RING COLLAR	0	EA	\$243.77	\$0.00
13.	CONSTRUCT 54" I.D. TYPE II AREA INLET (2 EA)	18	VF	\$244.47	\$4,400.46
14.	CONSTRUCT 72" I.D. TYPE II AREA INLET (3 EA)	26	VF	\$503.78	\$13,098.28
15.	CONSTRUCT MODIFIED CURB INLET	1	EA	\$1,466.62	\$1,466.62
16.	CONSTRUCT 18" PIPE BEDDING	475	LF	\$3.22	\$1,529.50
17.	CONSTRUCT 24" PIPE BEDDING	425	LF	\$4.15	\$1,763.75
18.	CONSTRUCT 30" PIPE BEDDING	685	LF	\$5.17	\$3,541.45
19.	CONSTRUCT 36" PIPE BEDDING	800	LF	\$6.26	\$5,008.00
20.	CONSTRUCT 42" PIPE BEDDING	245	LF	\$7.42	\$1,817.90
21.	CONSTRUCT 48" PIPE BEDDING	0	LF	\$8.67	\$0.00
22.	CONSTRUCT 60" PIPE BEDDING	0	LF	\$11.38	\$0.00
23.	CONSTRUCT 60" R.C. FLARED END SECTION W/BAR GRATE	0	EA	\$2,827.76	\$0.00
24.	CONSTRUCT TEMPORARY 15" HDPE INLET DIVERSION	4	EA	\$616.59	\$2,466.36
25.	STABILIZE TRENCH W/ CRUSHED LIMESTONE	200	TN	\$20.30	\$4,060.00
26.	ROLLED EROSION CONTROL, TYPE II	8,000	SY	\$1.06	\$8,480.00
27.	SEEDING - TYPE "DRAINAGEWAYS"	2.0	AC	\$1,025.57	\$2,051.14
28.	SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED"	2.0	AC	\$1,311.04	\$2,622.08
29.	CONSTRUCT GABION AND REVET MATTRESS	0	CY	\$233.28	\$0.00
30.	CONSTRUCT ROCK RIP-RAP - TYPE "C"	0	TON	\$39.34	\$0.00
31.	REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER	1	LS	\$24,511.00	\$24,511.00
32.	CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION	1	LS	\$2,800.00	\$2,800.00
33.	CONTINGENCY	4%			\$8,222.36

Estimated Construction Costs: \$213,781.45

Estimated Soft Costs

Engineering Design, Construction	
21.00% Admin, Geotechnical & Testing	\$44,894.11
5.00% Legal:	\$10,689.07
5.00% Fiscal:	\$13,468.23
7.00% Interest:	\$19,798.30
12 Duration (Months)	

Total Estimated Soft Costs: 42% \$88,849.71

Total Estimated Costs: **\$302,631.16**

T

120TH STREET STORM SEWER

Assumptions/Comments:

Updated with Roloff Construction Bid

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

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . GENERAL GRADING AND SHAPING	0	LS	\$5,000.00	\$0.00
2 . REMOVE SEWER PIPE	0	LF	\$12.41	\$0.00
3 . CONSTRUCT 18" R.C.P., CLASS III	325	LF	\$21.93	\$7,127.25
4 . CONSTRUCT 24" R.C.P., CLASS III	225	LF	\$28.52	\$6,417.00
5 . CONSTRUCT 30" R.C.P., CLASS III	290	LF	\$37.75	\$10,947.50
6 . CONSTRUCT 36" R.C.P., D(0.01) = 1,350	0	LF	\$48.95	\$0.00
7 . CONSTRUCT 42" R.C.P., D(0.01) = 1,350	255	LF	\$67.85	\$17,301.75
8 . CONSTRUCT 48" R.C.P., D(0.01) = 1,350	100	LF	\$80.78	\$8,078.00
9 . CONSTRUCT 60" R.C.P., D(0.01) = 1,350	200	LF	\$120.30	\$24,060.00
10 . CONSTRUCT 54" I.D. MANHOLE (1 EA)	6	VF	\$357.02	\$2,142.12
11 . CONSTRUCT 72" I.D. MANHOLE (1 EA)	10	VF	\$427.49	\$4,274.90
12 . CONSTRUCT MANHOLE RING COLLAR	2	EA	\$243.77	\$487.54
13 . CONSTRUCT 54" I.D. TYPE II AREA INLET (0 EA)	0	VF	\$244.47	\$0.00
14 . CONSTRUCT 72" I.D. TYPE II AREA INLET (0 EA)	0	VF	\$503.78	\$0.00
15 . CONSTRUCT MODIFIED CURB INLET	0	EA	\$1,466.62	\$0.00
16 . CONSTRUCT 18" PIPE BEDDING	325	LF	\$3.22	\$1,046.50
17 . CONSTRUCT 24" PIPE BEDDING	225	LF	\$4.15	\$933.75
18 . CONSTRUCT 30" PIPE BEDDING	290	LF	\$5.17	\$1,499.30
19 . CONSTRUCT 36" PIPE BEDDING	0	LF	\$6.26	\$0.00
20 . CONSTRUCT 42" PIPE BEDDING	255	LF	\$7.42	\$1,892.10
21 . CONSTRUCT 48" PIPE BEDDING	100	LF	\$8.67	\$867.00
22 . CONSTRUCT 60" PIPE BEDDING	200	LF	\$11.38	\$2,276.00
23 . CONSTRUCT 60" R.C. FLARED END SECTION W/BAR GRATE	2	EA	\$2,827.76	\$5,655.52
24 . CONSTRUCT TEMPORARY 15" HDPE INLET DIVERSION	2	EA	\$616.59	\$1,233.18
25 . STABILIZE TRENCH W/ CRUSHED LIMESTONE	0	TN	\$20.30	\$0.00
26 . ROLLED EROSION CONTROL, TYPE II	0	SY	\$1.06	\$0.00
27 . SEEDING - TYPE "DRAINAGEWAYS"	0.0	AC	\$1,025.57	\$0.00
28 . SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED"	0.0	AC	\$1,311.04	\$0.00
29 . CONSTRUCT GABION AND REVET MATTRESS	45	CY	\$233.28	\$10,497.60
30 . CONSTRUCT ROCK RIP-RAP - TYPE "C"	200	TON	\$39.34	\$7,868.00
31 . REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER	0	LS	\$24,511.00	\$0.00
32 . CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION	0	LS	\$2,800.00	\$0.00
33 . CONTINGENCY	4%			\$4,584.20

Estimated Construction Costs: \$119,189.21

Estimated Soft Costs

Engineering Design, Construction

21.00% Admin, Geotechnical & Testing	\$25,029.73
5.00% Legal:	\$5,959.46
5.00% Fiscal:	\$7,508.92
7.00% Interest:	\$11,038.11

12 Duration (Months)

Total Estimated Soft Costs: 42% \$49,536.23

Total Estimated Costs: \$168,725.44

Total Estimated Costs Sarpy County: \$48,072.98

(See "Interlocal Agreement - Exhibit B-2" Tab for Sarpy County cost summary)

Estimated Contribution - Ashbury Farm SID \$120,652.46

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STORM SEWER G.O.

Assumptions/Comments:

Updated with Roloff Construction Bid

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . GENERAL GRADING AND SHAPING	1	LS	\$5,000.00	\$5,000.00
2 . REMOVE SEWER PIPE	200	LF	\$12.41	\$2,482.00
3 . CONSTRUCT 18" R.C.P., CLASS III	475	LF	\$21.93	\$10,416.75
4 . CONSTRUCT 24" R.C.P., CLASS III	425	LF	\$28.52	\$12,121.00
5 . CONSTRUCT 30" R.C.P., CLASS III	685	LF	\$37.75	\$25,858.75
6 . CONSTRUCT 36" R.C.P., D(0.01) = 1,350	800	LF	\$48.95	\$39,160.00
7 . CONSTRUCT 42" R.C.P., D(0.01) = 1,350	245	LF	\$67.85	\$16,623.25
8 . CONSTRUCT 48" R.C.P., D(0.01) = 1,350	0	LF	\$80.78	\$0.00
9 . CONSTRUCT 60" R.C.P., D(0.01) = 1,350	0	LF	\$80.78	\$0.00
10 . CONSTRUCT 54" I.D. MANHOLE (5 EA)	40	VF	\$357.02	\$14,280.80
11 . CONSTRUCT 72" I.D. MANHOLE (1 EA)	0	VF	\$427.49	\$0.00
12 . CONSTRUCT MANHOLE RING COLLAR	0	EA	\$243.77	\$0.00
13 . CONSTRUCT 54" I.D. TYPE II AREA INLET (2 EA)	18	VF	\$244.47	\$4,400.46
14 . CONSTRUCT 72" I.D. TYPE II AREA INLET (3 EA)	26	VF	\$503.78	\$13,098.28
15 . CONSTRUCT MODIFIED CURB INLET	1	EA	\$1,466.62	\$1,466.62
16 . CONSTRUCT 18" PIPE BEDDING	475	LF	\$3.22	\$1,529.50
17 . CONSTRUCT 24" PIPE BEDDING	425	LF	\$4.15	\$1,763.75
18 . CONSTRUCT 30" PIPE BEDDING	685	LF	\$5.17	\$3,541.45
19 . CONSTRUCT 36" PIPE BEDDING	800	LF	\$6.26	\$5,008.00
20 . CONSTRUCT 42" PIPE BEDDING	245	LF	\$7.42	\$1,817.90
21 . CONSTRUCT 48" PIPE BEDDING	0	LF	\$8.67	\$0.00
22 . CONSTRUCT 60" PIPE BEDDING	0	LF	\$8.67	\$0.00
23 . CONSTRUCT 60" R.C. FLARED END SECTION W/BAR GRATE	0	EA	\$2,827.76	\$0.00
24 . CONSTRUCT TEMPORARY 15" HDPE INLET DIVERSION	4	EA	\$616.59	\$2,466.36
25 . STABILIZE TRENCH W/ CRUSHED LIMESTONE	200	TN	\$20.30	\$4,060.00
26 . ROLLED EROSION CONTROL, TYPE II	8,000	SY	\$1.06	\$8,480.00
27 . SEEDING - TYPE "DRAINAGEWAYS"	2.0	AC	\$1,025.57	\$2,051.14
28 . SEEDING - TYPE "NON IRRIGATED LAWN AND TURF SEED"	2.0	AC	\$1,311.04	\$2,622.08
29 . CONSTRUCT GABION AND REVET MATTRESS	0	CY	\$233.28	\$0.00
30 . CONSTRUCT ROCK RIP-RAP - TYPE "C"	0	TON	\$39.34	\$0.00
31 . REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER	1	LS	\$24,511.00	\$24,511.00
32 . CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION	1	LS	\$2,800.00	\$2,800.00
33 . CONTINGENCY	4%			\$8,222.36

Estimated Construction Costs: \$213,781.45

Estimated Soft Costs

Engineering Design, Construction	
21.00% Admin, Geotechnical & Testing	\$44,894.11
5.00% Legal:	\$10,689.07
5.00% Fiscal:	\$13,468.23
7.00% Interest:	\$19,798.30
12 Duration (Months)	

Total Estimated Soft Costs: 42% \$88,849.71

Estimated Contribution (120th St) \$ 120,652.46

Estimated Special Assesment (1/3 of 120th St) \$ (18,798.38)

(see 120th Street Special Assesment for breakdown)

Total Estimated Costs: \$404,485.24



120th Street Special Assesment (cost differential)

CONSTRUCT 60" R.C.P., D(0.01) = 1,350	200 LF	\$80.78	\$16,156.00
CONSTRUCT 72" I.D. TYPE II AREA INLET (1 EA)	10 VF	\$70.47	\$704.70
CONSTRUCT 60" PIPE BEDDING	200 LF	\$8.67	\$1,734.00
CONSTRUCT 60" R.C. FLARED END SECTION W/BAR GRATE	2 EA	\$827.76	\$1,655.52

Estimated Construction Costs: \$20,250.22

Estimated Soft Costs

Engineering Design, Construction

21.00% Admin, Geotechnical & Testing	\$4,252.55
5.00% Legal:	\$1,012.51
5.00% Fiscal:	\$1,275.76
7.00% Interest:	\$1,406.53

9 Duration (Months)

Total Estimated Soft Costs: 39% \$7,947.35

Total Estimated Costs: \$28,197.57

Estimated 2/3 of 120th Street Special Assesment \$ 18,798.38

W

PAVING MINOR

Assumptions/Comments:



Updated with MFT Bid (private)

Includes residential. See 120th Street for additional paving costs.

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . REMOVE TEMPORARY 15" HDPE DIVERSION	8	EA	\$100.00	\$800.00
2 . 7" CONCRETE PAVEMENT - TYPE L6	15,505	SY	\$24.15	\$374,445.75
3 . COMMON EARTH EXCAVATION	5,170	CY	\$2.68	\$13,855.60
4 . FAULTY SUBGRADE - REMOVE AND REPLACE	500	CY	\$12.00	\$6,000.00
5 . CONSTRUCT CURB INLET	9	EA	\$2,720.00	\$24,480.00
6 . MOW STRIP	1,300	SF	\$6.66	\$8,658.00
7 . CONSTRUCT TEMPORARY CURB AND GUTTER	146	LF	\$18.00	\$2,628.00
8 . ADJUST MANHOLE TO GRADE (23 SAN)	23	EA	\$190.00	\$4,370.00
9 . CONSTRUCT EXTERNAL FRAME SEAL	22	EA	\$340.00	\$7,480.00
10 . CONCRETE HEADER	93	LF	\$8.00	\$744.00
11 . CONSTRUCT BARRICADE	3	EA	\$920.00	\$2,760.00
12 . JET EXISTING SEWER	10,900	LF	\$0.80	\$8,720.00
CONTINGENCY	5%			\$22,747.07

Estimated Construction Costs: \$477,688.42

Estimated Soft Costs

Engineering Design, Construction	
21.00% Admin, Geotechnical & Testing	\$100,314.57
0.00% Legal:	\$0.00
5.00% Fiscal:	\$5,015.73
7.00% Interest:	\$5,529.84
9 Duration (Months)	

Total Estimated Soft Costs: 23% \$110,860.14

Total Estimated Costs: \$588,548.55

**PAVING 120TH STREET**

- Assumptions/Comments:**
 120th Street from Hwy 370 to south property line AND the entrances to the residential lots. Updated with MFT Bid
 Sidewalk bid with 120th Street - Qty shown in sidewalk breakdown.
 County contribution is from Hwy 370 south to south property line.
 Cost sharing will be between the County, the Future SID and SID 293.

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . 7" CONCRETE PAVEMENT - TYPE L65	17,600	SY	\$25.55	\$449,680.00
2 . COMMON EARTH EXCAVATION	5,900	CY	\$2.17	\$12,803.00
3 . FAULTY SUBGRADE - REMOVE AND REPLACE	500	CY	\$12.83	\$6,415.00
4 . CONSTRUCT CURB INLET	8	EA	\$2,977.70	\$23,821.60
5 . MOW STRIP	0	SF	\$6.34	\$0.00
6 . MEDIAN SURFACING	2100	SF	\$7.01	\$14,721.00
7 . CONSTRUCT TEMPORARY CURB AND GUTTER ADJUST MANHOLE TO GRADE	79	LF	\$20.81	\$1,643.99
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	700	LF	\$3.89	\$2,723.00
13 . 8" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4, GROOVED	350	LF	\$7.79	\$2,726.50
14 . 12" WHITE, PERMANENT PAVEMENT MARKING PAINT	100	LF	\$2.09	\$209.00
15 . 4" WHITE, PERMANENT PAVEMENT MARKING PAINT	3,300	LF	\$0.43	\$1,419.00
16 . JET EXISTING SEWER	850	LF	\$0.97	\$824.50
17 . SEEDING - TYPE "TEMPORARY SEED MIX"	3	AC	\$550.00	\$1,650.00
18 . CONSTRUCT 6" THICK TRAIL	0	SF	\$2.77	\$0.00
19 . CONSTRUCT 4" SIDEWALK	0	SF	\$5.11	\$0.00
20 . CONSTRUCT HANDI-CAP RAMP	0	SF	\$9.77	\$0.00
CHANGE ORDER NO. 1				
21 . FLYASH SUBGRADE STABILIZATION (CLASS C)	4,653	SY	\$14.60	\$67,933.80
22 . 9" CONCRETE PAVEMENT - TYPE L65 (COST INCREASE FROM 7" TO 9")	4,100	SY	\$5.81	\$23,001.00
23 . DRILL AND GROUT 1" X 18" DOWEL BARS @ 12" O.C.	50	EA	\$15.00	\$750.00
24 . CONTINGENCY	7.5%			\$46,024.65

Estimated Construction Costs: \$659,686.62

Estimated Soft Costs

Engineering Design, Construction	
21.00% Admin, Geotechnical & Testing	\$138,534.19
5.00% Legal:	\$32,984.33
5.00% Fiscal:	\$41,560.26
7.00% Interest:	\$45,820.18
9 Duration (Months)	

Total Estimated Soft Costs: 39% \$258,898.96

Total Estimated Costs: \$918,585.58

Total Estimated Costs Sarpy County: \$228,107.95

(See "Interlocal Agreement - Exhibit B-1" Tab for Sarpy County cost summary)

Estimated Contribution - Future East SID \$279,703.00

(See "Interlocal Agreement - Exhibit B-1" Tab for Future SID cost summary)

Estimated Contribution - Ashbury Farm SID \$410,774.64

Y

PAVING IN EXCESS OF 6" THICK

Assumptions/Comments:

Total pavement in excess of 6" minus Sarpy County pavement contribution and G.O. pavement - 120TH STREET ONLY

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . 1" CONCRETE PAVEMENT	1,715 SY		\$25.55	\$43,818.25

Estimated Construction Costs: \$43,818.25

FORMULA :

7" PAVEMENT 120TH STREET QUANTITY	17,600 SY
- SARPY COUNTY CONTRIBUTION	- 3,247 SY
- G.O. PAVEMENT QUANTITY	-2,348 SY
	<u>12,005</u>

12,005 SY X (1/7") = 1,715 SY

Estimated Soft Costs

Engineering Design, Construction	
21.00% Admin, Geotechnical & Testing	\$9,201.83
5.00% Legal:	\$2,190.91
5.00% Fiscal:	\$2,760.55
7.00% Interest:	\$3,043.51
9 Duration (Months)	

Total Estimated Soft Costs: 39% \$17,196.80

Total Estimated Costs: \$61,015.05

PAVING MINOR G.O.

Assumptions/Comments:



Paid for privately - NO G.O. Costs

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
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
	CONTINGENCY		5%		\$0.00

Estimated Construction Costs: \$0.00

Estimated Soft Costs

Engineering Design, Construction		
21.00%	Admin, Geotechnical & 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

PAVING 120th Street - G.O.

Assumptions/Comments:



Intersection paving and extra width paving beyond 25'.
Cost sharing will be will be between the County, the Future SID and SID 293

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1 .	7" CONCRETE PAVEMENT - TYPE L65	7,045	SY	\$25.55	\$179,999.75
2 .	COMMON EARTH EXCAVATION	2,348	CY	\$2.17	\$5,095.88
3 .	FAULTY SUBGRADE - REMOVE AND REPLACE	500	CY	\$12.83	\$6,415.00
4 .	CONSTRUCT CURB INLET	8	EA	\$2,977.70	\$23,821.60
5 .	MOW STRIP	0	SF	\$6.34	\$0.00
6 .	MEDIAN SURFACING	1500	SF	\$7.01	\$10,515.00
7 .	CONSTRUCT TEMPORARY CURB AND GUTTER ADJUST MANHOLE TO GRADE	0	LF	\$20.81	\$0.00
8 .	(1 SAN)	1	EA	\$204.54	\$204.54
9 .	CONSTRUCT EXTERNAL FRAME SEAL	0	EA	\$451.79	\$0.00
10 .	CONCRETE HEADER	0	LF	\$13.70	\$0.00
11 .	CONSTRUCT CUSTOM BARRICADE	1	EA	\$2,245.85	\$2,245.85
12 .	4" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4, GROOVED	700	LF	\$3.89	\$2,723.00
13 .	8" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4, GROOVED	350	LF	\$7.79	\$2,726.50
14 .	12" WHITE, PERMANENT PAVEMENT MARKING PAINT	100	LF	\$2.09	\$209.00
15 .	4" WHITE, PERMANENT PAVEMENT MARKING PAINT	3,300	LF	\$0.43	\$1,419.00
16 .	JET EXISTING SEWER	0	LF	\$0.97	\$0.00
17 .	SEEDING - TYPE "TEMPORARY SEED MIX"	1.85	AC	\$550.00	\$1,017.50
18 .	CONSTRUCT 6" THICK TRAIL	0	SF	\$2.77	\$0.00
19 .	CONSTRUCT 4" SIDEWALK	0	SF	\$5.11	\$0.00
20 .	CONSTRUCT HANDI-CAP RAMP	0	SF	\$9.77	\$0.00
CHANGE ORDER NO. 1					
21 .	FLYASH SUBGRADE STABILIZATION (CLASS C)	4,653	SY	\$14.60	\$67,933.80
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
24 .	CONTINGENCY	7.5%			\$17,729.45

Estimated Construction Costs: \$345,806.87

Estimated Soft Costs

Engineering Design, Construction		
21.00%	Admin, Geotechnical & Testing	\$72,619.44
5.00%	Legal:	\$17,290.34
5.00%	Fiscal:	\$21,785.83
7.00%	Interest:	\$24,018.88
9 Duration (Months)		

Total Estimated Soft Costs: 39% \$135,714.50

Total Estimated Costs: \$481,521.37

1/3 GO SID 293 \$160,507.12

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

Assumptions/Comments:

Total pavement in excess of 6" minus Sarpy County pavement contribution and G.O. pavement - 120TH STREET ONLY

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1 .	1" CONCRETE PAVEMENT	1,715	SY	\$25.55	\$43,818.25

Estimated Construction Costs: \$43,818.25

Estimated Soft Costs

Engineering Design, Construction		
21.00%	Admin, Geotechnical & Testing	\$9,201.83
5.00%	Legal:	\$2,190.91
5.00%	Fiscal:	\$2,760.55
7.00%	Interest:	\$3,043.51
9 Duration (Months)		

Total Estimated Soft Costs: 39% \$17,196.80

Total Estimated Costs: \$61,015.05

PAVING MAJOR

Assumptions/Comments:



Highway 370 Decel Lane

Updated with MFT Bid

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1 .	MOBILIZATION	1	LS	\$16,225.00	\$16,225.00
2 .	CLEARING AND GRUBBING GENERAL	1	LS	\$2,159.85	\$2,159.85
3 .	REMOVE 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	150	LF	\$14.40	\$2,160.00
7 .	REMOVE CONCRETE MEDIAN SURFACING	25	SY	\$5.53	\$138.25
8 .	REMOVE FLARED-END SECTION	3	EA	\$214.55	\$643.65
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)	180	CY	\$4.80	\$864.00
14 .	EARTHWORK (EMBANKMENT)	2,000	CY	\$6.48	\$12,960.00
15 .	SUBGRADE PREPARATION (ROADWAY)	3,500	SY	\$2.00	\$7,000.00
16 .	10" DOWELED CONCRETE PAVEMENT, CLASS 47B-3500	2,550	SY	\$43.94	\$112,047.00
17 .	FOUNDATION COURSE 4"	3,000	SY	\$7.05	\$21,150.00
18 .	4" PERFORATED PIPE UNDERDRAIN	600	LF	\$7.70	\$4,620.00
19 .	CONCRETE MEDIAN SURFACING, PLAN 301-R10	40	SY	\$68.28	\$2,731.20
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	110	LF	\$3.89	\$427.90
23 .	5" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4, GROOVED	525	LF	\$4.46	\$2,341.50
24 .	8" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4, GROOVED	175	LF	\$7.79	\$1,383.25
25 .	12" WHITE, PERMANENT PAVEMENT MARKING PAINT	1,400	LF	\$1.05	\$1,470.00
26 .	LEFT ARROW, PREFORMED PAVEMENT MARKING, TYPE 4, GROOVED	1	EA	\$396.00	\$396.00
27 .	PAINT MEDIAN NOSE	1	EA	\$396.00	\$396.00
28 .	SEEDING, TYPE "A"	0.25	AC	\$2,640.00	\$660.00
29 .	SEEDING, TYPE "B"	0.20	AC	\$2,640.00	\$528.00
30 .	CONSTRUCT SILT FENCE	300	LF	\$2.48	\$744.00
31 .	TURF REINFORCEMENT MAT - CLASS 1D	1,200	SY	\$1.54	\$1,848.00
32 .	TURF REINFORCEMENT MAT - CLASS 2A	600	SY	\$5.72	\$3,432.00
33 .	EROSION CHECKS, WATTLE	200	LF	\$2.20	\$440.00
34 .	INLET PROTECTION	6	EA	\$229.90	\$1,379.40
35 .	STABILIZE TRENCH WITH CRUSHED LIMESTONE	60	TN	\$35.95	\$2,157.00
36 .	18" REINFORCED CONCRETE SEWER PIPE	275	LF	\$31.12	\$8,568.00
37 .	24" REINFORCED CONCRETE SEWER PIPE	200	LF	\$43.18	\$8,636.00
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	\$17,836.70
42 .	ADJUST MANHOLE TO GRADE	4	EA	\$266.35	\$1,065.40
43 .	ADJUST VALVE TO GRADE	4	EA	\$102.27	\$409.08
44 .	2/C #14 AWG DETECTOR LEAD-IN CABLE	215	LF	\$1.38	\$296.70
45 .	PULL BOX PB-1	3	EA	\$1,144.00	\$3,432.00
46 .	PULL BOX PB-1A	1	EA	\$1,072.50	\$1,072.50
47 .	2" CONDUIT PVC - TRENCHED	675	LF	\$7.70	\$5,197.50
48 .	3" CONDUIT PVC - TRENCHED	175	LF	\$25.03	\$4,380.25
49 .	VEHICLE DETECTOR, TYPE A PREFORMED	8	EA	\$313.50	\$2,508.00
50 .	VEHICLE DETECTOR, TYPE B PREFORMED	6	EA	\$368.50	\$2,211.00
51 .	OPTICOM SYSTEM	1	EA	\$9,333.50	\$9,333.50
52 .	BARRICADE, TYPE II	4,000	BDAY	\$0.61	\$2,440.00
53 .	BARRICADE, TYPE III	600	BDAY	\$2.42	\$1,452.00
54 .	TEMPORARY SIGN DAY	900	EA	\$0.88	\$792.00
55 .	TEMPORARY TRAFFIC SIGNAL	1	EA	\$12,573.00	\$12,573.00
56 .	CONTINGENCY	5%			\$15,628.65

Estimated Construction Costs: \$328,201.58

Estimated Soft Costs

Engineering Design, Construction	
21.00% Admin, Geotechnical & Testing	\$68,922.33
5.00% Legal:	\$16,410.08
5.00% Fiscal:	\$20,676.70
7.00% Interest:	\$22,796.06
9 Duration (Months)	

Total Estimated Soft Costs: 39% \$128,805.17

Total Estimated Costs: \$457,006.75

Ad

HIGWAY 370 IMPROVEMENTS - Interlocal Agreement - Exhibit A

(04/15/2014)

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 CONTRIBUTION	1	LS	\$362,351.21	\$362,351.21
Estimated Construction Costs:					\$362,351.21

PAVING MAJOR G.O.

Assumptions/Comments:

Highway 370 Decel Lane

Updated with MFT Bid

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. REMOVE 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	150	LF	\$14.40	\$2,160.00
7. REMOVE CONCRETE MEDIAN SURFACING	25	SY	\$5.53	\$138.25
8. REMOVE FLARED-END SECTION	3	EA	\$214.55	\$643.65
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	\$2,180.00
13. EARTHWORK (EXCAVATION)	180	CY	\$4.80	\$864.00
14. EARTHWORK (EMBANKMENT)	2,000	CY	\$6.48	\$12,960.00
15. SUBGRADE PREPARATION (ROADWAY)	3,500	SY	\$2.00	\$7,000.00
16. 10" DOWELED CONCRETE PAVEMENT, CLASS 47B-3500	2,550	SY	\$43.94	\$112,047.00
17. FOUNDATION COURSE 4"	3,000	SY	\$7.05	\$21,150.00
18. 4" PERFORATED PIPE UNDERDRAIN	600	LF	\$7.70	\$4,620.00
19. CONCRETE MEDIAN SURFACING, PLAN 301-R10	40	SY	\$68.28	\$2,731.20
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	110	LF	\$3.89	\$427.90
23. 5" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4, GROOVED	525	LF	\$4.46	\$2,341.50
24. 8" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4, GROOVED	175	LF	\$7.79	\$1,363.25
25. 12" WHITE, PERMANENT PAVEMENT MARKING PAINT	1,400	LF	\$1.05	\$1,470.00
26. LEFT ARROW, PREFORMED PAVEMENT MARKING, TYPE 4, GROOVED	1	EA	\$396.00	\$396.00
27. PAINT MEDIAN NOSE	1	EA	\$396.00	\$396.00
28. SEEDING, TYPE "A"	0.25	AC	\$2,640.00	\$660.00
29. SEEDING, TYPE "B"	0.20	AC	\$2,640.00	\$528.00
30. CONSTRUCT SILT FENCE	300	LF	\$2.48	\$744.00
31. TURF REINFORCEMENT MAT - CLASS 1D	1,200	SY	\$1.54	\$1,848.00
32. TURF REINFORCEMENT MAT - CLASS 2A	600	SY	\$5.72	\$3,432.00
33. EROSION CHECKS, WATTLE	200	LF	\$2.20	\$440.00
34. INLET PROTECTION	6	EA	\$229.90	\$1,379.40
35. STABILIZE TRENCH WITH CRUSHED LIMESTONE	60	TN	\$35.95	\$2,157.00
36. 18" REINFORCED CONCRETE SEWER PIPE	275	LF	\$31.12	\$8,558.00
37. 24" REINFORCED CONCRETE SEWER PIPE	200	LF	\$43.18	\$8,636.00
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. 2/C #14 AWG DETECTOR LEAD-IN CABLE	215	LF	\$1.38	\$298.70
45. PULL BOX PB-1	3	EA	\$1,144.00	\$3,432.00
46. PULL BOX PB-1A	1	EA	\$1,072.50	\$1,072.50
47. 2" CONDUIT PVC - TRENCHED	675	LF	\$7.70	\$5,197.50
48. 3" CONDUIT PVC - TRENCHED	175	LF	\$25.03	\$4,380.25
49. VEHICLE DETECTOR, TYPE A PREFORMED	8	EA	\$313.50	\$2,508.00
50. VEHICLE DETECTOR, TYPE B PREFORMED	6	EA	\$368.50	\$2,211.00
51. OPTICOM SYSTEM	1	EA	\$9,333.50	\$9,333.50
52. BARRICADE, TYPE II	4,000	BDAY	\$0.61	\$2,440.00
53. BARRICADE, TYPE III	600	BDAY	\$2.42	\$1,452.00
54. TEMPORARY SIGN DAY	900	EA	\$0.88	\$792.00
55. TEMPORARY TRAFFIC SIGNAL	1	EA	\$12,573.00	\$12,573.00
56. CONTINGENCY	5%			\$15,628.65

Estimated Construction Costs: \$328,201.58

Estimated Soft Costs

Engineering Design, Construction	
21.00% Admin, Geotechnical & Testing	\$68,922.33
5.00% Legal:	\$16,410.08
6.00% Fiscal:	\$20,676.70
7.00% Interest:	\$22,798.06
o Duration (Months)	

Total Estimated Soft Costs: 39% \$128,805.17

Total Estimated Costs: \$457,006.75

Reimbursible from Adj SID (10%): \$45,700.67

Total Ashbury GO: \$411,306.07

AF

Highway 370 Contribution - G.O.

Assumptions/Comments:

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

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1.	HWY 370 CONTRIBUTION	1	LS	\$362,351.21	\$362,351.21

Estimated Construction Costs: \$362,351.21

Estimated Soft Costs

Engineering Design, Construction		
1.00% Admin, Geotechnical & Testing		\$3,623.51
2.00% Legal:		\$7,247.02
5.00% Fiscal:		\$18,661.09
7.00% Interest:		\$13,715.90
6 Duration (Months)		
Total Estimated Soft Costs:	12%	\$43,247.52
Total Estimated Costs:		\$405,598.73

Ag

120TH STREET PAVING - Interlocal Agreement - Exhibit B-1

(04/15/2014)

- 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

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . 7" CONCRETE PAVEMENT - TYPE L65	14,270	SY	\$25.55	\$364,598.50
2 . COMMON EARTH EXCAVATION	4,757	CY	\$2.17	\$10,321.97
3 . FAULTY SUBGRADE - REMOVE AND REPLACE	500	CY	\$12.83	\$6,415.00
4 . CONSTRUCT CURB INLET	8	EA	\$2,977.70	\$23,821.60
5 . MEDIAN SURFACING	2100	SF	\$7.01	\$14,721.00
6 . CONSTRUCT TEMPORARY CURB AND GUTTER ADJUST MANHOLE TO GRADE	79	LF	\$20.81	\$1,643.99
7 . (1 SAN)	1	EA	\$204.54	\$204.54
8 . CONSTRUCT EXTERNAL FRAME SEAL	1	EA	\$451.79	\$451.79
9 . CONCRETE HEADER	32	LF	\$13.70	\$438.40
10 . CONSTRUCT CUSTOM BARRICADE	1	EA	\$2,245.85	\$2,245.85
11 . 4" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4, GROOVED	700	LF	\$3.89	\$2,723.00
12 . 8" WHITE, PREFORMED PLASTIC PAVEMENT MARKING, TYPE 4, GROOVED	350	LF	\$7.79	\$2,726.50
13 . 12" WHITE, PERMANENT PAVEMENT MARKING PAINT	100	LF	\$2.09	\$209.00
14 . 4" WHITE, PERMANENT PAVEMENT MARKING PAINT	3,300	LF	\$0.43	\$1,419.00
15 . JET EXISTING SEWER	850	LF	\$0.97	\$824.50
16 . SEEDING - TYPE "TEMPORARY SEED MIX"	3	AC	\$550.00	\$1,650.00
CHANGE ORDER NO. 1				
17 . 9" CONCRETE PAVEMENT - TYPE L65 (COST INCREASE FROM 7" TO 9")	4,100	SY	\$5.61	\$23,001.00
18 . DRILL AND GROUT 1" X 18" DOWEL BARS @ 12" O.C.	50	EA	\$15.00	\$750.00
19 . FLYASH SUBGRADE STABILIZATION (CLASS C)	4,653	SY	\$14.60	\$67,933.80
20 . CONTINGENCY	7.5%		\$526,099.44	\$39,457.46

Estimated Construction Costs: \$565,556.89

Estimated Soft Costs

Engineering Design, Construction		
21.00%	Admin, Geotechnical & Testing	\$118,766.95
5.00%	Legal:	\$28,277.84
5.00%	Fiscal:	\$35,630.08
7.00%	Interest:	\$39,282.17
9 Duration (Months)		

Total Estimated Soft Costs: 39% \$221,957.04

Total Estimated Costs: \$787,513.94

Estimated 1/3 Sarpy County Contribution

1/3 Estimated Construction Costs: \$188,518.96
1/3 Estimated Soft Costs:

Engineering Design, Construction		
	Admin, Geotechnical & Testing	\$39,588.98

Total Estimated Soft Costs: \$39,588.98

Total Estimated Costs Sarpy County: \$228,107.95

Estimated 1/3 Contribution - Future East SID \$279,703.00

Estimated 1/3 Contribution - Ashbury Farm SID \$279,703.00

Ah

120TH STREET STORM SEWER- Interlocal Agreement - Exhibit B-2 (04/15/2014)**Assumptions/Comments:**

- Includes storm sewer within 120th Street from HWY 370 south to the south property line. Cost sharing will be 1/3 (County), 2/3 (SID 293).

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1. CONSTRUCT 18" R.C.P., CLASS III	325	LF	\$21.93	\$7,127.25
2. CONSTRUCT 24" R.C.P., CLASS III	225	LF	\$28.52	\$6,417.00
3. CONSTRUCT 30" R.C.P., CLASS III	290	LF	\$37.75	\$10,947.50
4. CONSTRUCT 42" R.C.P., D(0.01) = 1,350	255	LF	\$67.85	\$17,301.75
5. CONSTRUCT 48" R.C.P., D(0.01) = 1,350	100	LF	\$80.78	\$8,078.00
6. CONSTRUCT 60" R.C.P., D(0.01) = 1,350	200	LF	\$120.30	\$24,060.00
7. CONSTRUCT 54" I.D. MANHOLE (1 EA)	6	VF	\$357.02	\$2,142.12
8. CONSTRUCT 72" I.D. MANHOLE (1 EA)	10	VF	\$427.49	\$4,274.90
9. CONSTRUCT MANHOLE RING COLLAR	2	EA	\$243.77	\$487.54
10. CONSTRUCT 18" PIPE BEDDING	325	LF	\$3.22	\$1,046.50
11. CONSTRUCT 24" PIPE BEDDING	225	LF	\$4.15	\$933.75
12. CONSTRUCT 30" PIPE BEDDING	290	LF	\$5.17	\$1,499.30
13. CONSTRUCT 42" PIPE BEDDING	255	LF	\$7.42	\$1,892.10
14. CONSTRUCT 48" PIPE BEDDING	100	LF	\$8.67	\$867.00
15. CONSTRUCT 60" PIPE BEDDING	200	LF	\$11.38	\$2,276.00
16. CONSTRUCT 60" R.C. FLARED END SECTION W/BAR GRATE	2	EA	\$2,827.76	\$5,655.52
17. CONSTRUCT TEMPORARY 15" HDPE INLET DIVERSION	2	EA	\$616.59	\$1,233.18
18. CONSTRUCT GABION AND REVET MATTRESS	45	CY	\$233.28	\$10,497.60
19. CONSTRUCT ROCK RIP-RAP - TYPE "C"	200	TON	\$39.34	\$7,868.00
20. CONTINGENCY	4%			\$4,584.20

Estimated Construction Costs: \$119,189.21

Estimated Soft Costs

Engineering Design, Construction		
21.00% Admin, Geotechnical & Testing		\$25,029.73
5.00% Legal:		\$5,959.46
5.00% Fiscal:		\$7,508.92
7.00% Interest:		\$11,038.11
12 Duration (Months)		

Total Estimated Soft Costs: 42% \$49,536.23

Total Estimated Costs: **\$168,725.44**

Estimated 1/3 Sarpy County Contribution

1/3 Estimated Construction Costs: \$39,729.74

1/3 Estimated Soft Costs: Engineering Design, Construction \$8,343.24

Total Estimated Soft Costs: \$8,343.24

Total Estimated Costs Sarpy County: **\$48,072.98**

SIDEWALKS**Assumptions/Comments:**

5' trail with Outlots A, C, D, E, H, and I - Bid with 120th Street Project

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1. CONSTRUCT 6" THICK TRAIL	18,180 SF		\$2.77	\$50,358.60
2. CONSTRUCT 4" SIDEWALK	1,100 SF		\$5.11	\$5,621.00
3. CONSTRUCT HANDI-CAP RAMP	0 SF		\$9.77	\$0.00
4. CONTINGENCY	5%			\$2,798.98

Estimated Construction Costs: \$58,778.58

Estimated Soft Costs

Engineering Design, Construction		
21.00% Admin, Geotechnical & Testing		\$12,343.50
5.00% Legal:		\$2,938.93
5.00% Fiscal:		\$3,703.05
7.00% Interest:		\$5,443.48
12 Duration (Months)		

Total Estimated Soft Costs: 42% \$24,428.97

Total Estimated Costs: **\$83,207.55****120th STREET SIDEWALKS****Assumptions/Comments:**

10' Trail along 120th Street will be 1/2 (Future SID) and 1/2 (GO). Sidewalks bid with 120th Street project.

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1. CONSTRUCT 6" THICK TRAIL	29,000 SF		\$2.77	\$80,330.00
2. CONSTRUCT 4" SIDEWALK	0 SF		\$5.11	\$0.00
3. CONSTRUCT HANDI-CAP RAMP	475 SF		\$9.77	\$4,640.75
4. CONTINGENCY	5%			\$4,248.54

Estimated Construction Costs: \$89,219.29

Estimated Soft Costs

Engineering Design, Construction		
21.00% Admin, Geotechnical & Testing		\$18,736.05
5.00% Legal:		\$4,460.96
5.00% Fiscal:		\$5,620.82
7.00% Interest:		\$8,262.60
12 Duration (Months)		

Total Estimated Soft Costs: 42% \$37,080.43

Total Estimated Costs: **\$126,299.72**Estimated 1/2 Contribution - Future East SID **\$63,149.86**Estimated 1/2 Contribution - Ashbury Farm SID **\$63,149.86**

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SIDEWALKS G.O.

Assumptions/Comments:

↪ All Sidewalks are G.O. except the reimbursable Trail along 120th Street

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . CONSTRUCT 6" THICK TRAIL	18,180	SF	\$2.77	\$50,358.60
2 . CONSTRUCT 4" SIDEWALK	1,100	SF	\$5.11	\$5,621.00
3 . CONSTRUCT HANDI-CAP RAMP	0	SF	\$9.77	\$0.00
4 . CONTINGENCY		5%		\$2,798.98
Estimated Construction Costs:				\$58,778.58
Estimated Soft Costs				
Engineering Design, Construction				
21.00% Admin, Geotechnical & Testing				\$12,343.50
5.00% Legal:				\$2,938.93
5.00% Fiscal:				\$3,703.05
7.00% Interest:				\$5,443.48
12 Duration (Months)				
Total Estimated Soft Costs:			42%	\$24,428.97
Total Estimated Costs:				\$83,207.55

120th STREET SIDEWALKS - G.O.

Assumptions/Comments:

↪ 10' Trail along 120th Street will be, 1/2 (Future SID) and 1/2 (GO). Sidewalks bid with 120th Street project.

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . CONSTRUCT 6" THICK TRAIL	29,000	SF	\$2.77	\$80,330.00
2 . CONSTRUCT 4" SIDEWALK	0	SF	\$5.11	\$0.00
3 . CONSTRUCT HANDI-CAP RAMP	475	SF	\$9.77	\$4,640.75
4 . CONTINGENCY		5%		\$4,248.54
Estimated Construction Costs:				\$89,219.29
Estimated Soft Costs				
Engineering Design, Construction				
21.00% Admin, Geotechnical & Testing				\$18,736.05
5.00% Legal:				\$4,460.96
5.00% Fiscal:				\$5,620.82
7.00% Interest:				\$8,262.60
12 Duration (Months)				
Total Estimated Soft Costs:			42%	\$37,080.43
Total Estimated Costs:				\$126,299.72
Estimated 1/2 Contribution - Future East SID				\$63,149.86
Estimated 1/2 Contribution - Ashbury Farm SID				\$63,149.86

REGULATORY SIGNAGE

Assumptions/Comments:



Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1. STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	9	EA	\$250.00	\$2,250.00
2. "STOP" SIGN (24")	12	EA	\$200.00	\$2,400.00
3. SPEED LIMIT SIGN (18"X24")	5	EA	\$175.00	\$875.00
4. "KEEP RIGHT" SIGN (18X24")	13	EA	\$175.00	\$2,275.00
5. "PEDESTRIAN CROSSING" SIGN (30"X30")	4	EA	\$250.00	\$1,000.00
6. CONTINGENCY				\$1,717.50

Estimated Construction Costs: \$10,517.50

Estimated Soft Costs

Engineering Design and Construction Administration:	\$2,629.38
5.00% Legal:	\$525.88
5.00% Fiscal:	\$683.64
7.00% Interest:	\$753.71
9 Duration (Months)	

Total Estimated Soft Costs: 44% \$4,592.60

Total Estimated Costs: \$15,110.10

LANDSCAPING

Assumptions/Comments:



Boulevard Landscaping in 120th Street

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1. LANDSCAPING BUDGET	1.00	LS	\$100,000.00	\$100,000.00

Estimated Construction Costs: \$100,000.00

Estimated Soft Costs

Engineering Design, Construction Admin, Geotechnical & Testing	\$21,000.00
5.00% Legal:	\$5,000.00
5.00% Fiscal:	\$6,300.00
7.00% Interest:	\$6,945.75
9 Duration (Months)	

Total Estimated Soft Costs: 39% \$39,245.75

Total Estimated Costs: \$139,245.75

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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 is approximaltey .41 acre and will be donated.

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1.	PARK ACQUISITION - OUTLOT F	3.00	AC	\$10,500.00	\$31,500.00
Estimated Construction Costs:					\$31,500.00
<u>Estimated Soft Costs</u>					
Engineering Design and					
3.00% Construction Administration:					\$945.00
2.00% Legal:					\$630.00
5.00% Fiscal:					\$1,653.75
7.00% Interest:					\$2,431.01
12 Duration (Months)					
Total Estimated Soft Costs:					18% <u>\$5,659.76</u>
Total Estimated Costs:					\$37,159.76

REGULATORY SIGNAGE - G.O.**Assumptions/Comments:**

All signage is G.O.

Bid Item Description		Approximate		Unit Price	Total
		Quantity	Unit		
1.	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	9	EA	\$250.00	\$2,250.00
2.	"STOP" SIGN (24")	12	EA	\$200.00	\$2,400.00
3.	SPEED LIMIT SIGN (18"X24")	5	EA	\$175.00	\$875.00
4.	"KEEP RIGHT" SIGN (18X24")	13	EA	\$175.00	\$2,275.00
5.	"PEDESTRIAN CROSSING" SIGN (30"X30")	4	EA	\$250.00	\$1,000.00
6.	CONTINGENCY				\$1,717.50

Estimated Construction Costs: \$10,517.50

Estimated Soft Costs

25.00%	Engineering Design and	\$2,629.38
5.00%	Legal:	\$525.88
5.00%	Fiscal:	\$683.64
7.00%	Interest:	\$753.71
9 Duration (Months)		

Total Estimated Soft Costs: 44% \$4,592.60

Total Estimated Costs: \$15,110.10

LANDSCAPING - G.O.**Assumptions/Comments:**

Boulevard Landscaping in 120th Street

Bid Item Description		Approximate		Unit Price	Total
		Quantity	Unit		
1.	LANDSCAPING	1.00	LS	\$100,000.00	\$100,000.00

Estimated Construction Costs: \$100,000.00

Estimated Soft Costs

Engineering Design, Construction		
21.00%	Admin, Geotechnical & Testing	\$21,000.00
5.00%	Legal:	\$5,000.00
5.00%	Fiscal:	\$6,300.00
7.00%	Interest:	\$6,945.75
9 Duration (Months)		

Total Estimated Soft Costs: 39% \$39,245.75

Total Estimated Costs: \$139,245.75

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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 acres. Drainageway 3:1 + 20 is approximatley .41 acre and will be donated.

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	PARK ACQUISITION - OUTLOT F	3.00	AC	\$10,500.00	\$31,500.00

Estimated Construction Costs: \$31,500.00

Estimated Soft Costs

Engineering Design and	
3.00% Construction Administration:	\$945.00
2.00% Legal:	\$630.00
5.00% Fiscal:	\$1,653.75
7.00% Interest:	\$2,431.01
12 Duration (Months)	

Total Estimated Soft Costs: 18% \$5,659.76

Total Estimated Costs: \$37,159.76

WATER INTERIOR

Assumptions/Comments:



12" main quantity varies from bid due to modification of the future east connection location.
Added item no. 13 (not in original bid)

Updated with Cedar Construction Bid

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1 .	CONSTRUCT 12" I.D. WATER MAIN	4,390	LF	\$33.30	\$146,187.00
2 .	CONSTRUCT 8" I.D. WATER MAIN	3,200	LF	\$21.95	\$70,240.00
3 .	CONSTRUCT 6" I.D. WATER MAIN	829	LF	\$19.10	\$15,833.90
4 .	CONSTRUCT CHLORINE TUBE	1	EA	\$1,850.00	\$1,850.00
5 .	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND BACKING BLOCK	6	EA	\$3,260.00	\$19,560.00
6 .	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	12	EA	\$3,485.00	\$41,820.00
7 .	CONSTRUCT 12" M.J. GATE VALVE AND BOX	7	EA	\$1,995.00	\$13,965.00
8 .	CONSTRUCT 8" M.J. GATE VALVE AND BOX	16	EA	\$1,110.00	\$17,760.00
9 .	CONSTRUCT 6" M.J. GATE VALVE AND BOX	3	EA	\$820.00	\$2,460.00
10 .	CONSTRUCT 12"x12"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	2	EA	\$420.00	\$840.00
11 .	CONSTRUCT 8"x8"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	2	EA	\$268.00	\$536.00
12 .	CONSTRUCT 8"x8"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK	1	EA	\$265.00	\$265.00
13 .	CONSTRUCT 12"x12"x12" M.J. TEE ASSEMBLY AND BACKING BLOCK	1	EA	\$300.00	\$300.00
14 .	CONSTRUCT 12"x12" CROSS	2	EA	\$637.00	\$1,274.00
15 .	CONSTRUCT 8"x6" CROSS	1	EA	\$298.00	\$298.00
16 .	CONSTRUCT 12" 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	10	EA	\$280.00	\$2,800.00
17 .	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2	EA	\$440.00	\$880.00
18 .	CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	4	EA	\$325.00	\$1,300.00
19 .	CONSTRUCT 12" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	5	EA	\$315.00	\$1,575.00
20 .	CONSTRUCT 6" x 11.25 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	2	EA	\$55.00	\$110.00
21 .	CONSTRUCT 6" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	4	EA	\$185.00	\$740.00
22 .	CONSTRUCT 12" x 11.25 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	3	EA	\$250.00	\$750.00
23 .	CONSTRUCT 12" X 8" REDUCER	3	EA	\$210.00	\$630.00
24 .	CONSTRUCT 12" X 6" REDUCER	3	EA	\$210.00	\$630.00
25 .	CONSTRUCT 12" PIPE PLUG	1	EA	\$1,040.00	\$1,040.00
26 .	CONSTRUCT 8" PIPE PLUG	1	EA	\$290.00	\$290.00
27 .	CONSTRUCT 16"x16"x12" LIVE TAP TEE ASSEMBLY, 12" M.J. GATE VALVE WITH BOX AND BACKING BLOCK	1	EA	\$5,320.00	\$5,320.00
28 .	BORE AND JACK 20" STEEL CASING W/ 12" D.I.P.	170	LF	\$260.00	\$44,200.00
29 .	MULCH	1	AC	\$550.00	\$550.00
30 .	TEMPORARY SEEDING	1	AC	\$900.00	\$900.00
31 .	CONTINGENCY	5%			\$19,745.20

Estimated Construction Costs: \$414,649.10

Estimated Soft Costs

Engineering Design, Construction		
21.00% Admin, Geotechnical & Testing		\$87,076.31
5.00% Legal:		\$20,732.45
5.00% Fiscal:		\$26,122.89
7.00% Interest:		\$28,800.49
9 Duration (Months)		

Total Estimated Soft Costs: 39% \$162,732.15

Total Estimated Costs: \$577,381.24

AP

CAPITAL FACILITIES CHARGES

Assumptions/Comments:



	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1.	CAPITAL FACILITIES CHARGES - RESIDENTIAL	110	LOTS	\$1,970.00	\$216,700.00
2.	CAPITAL FACILITIES CHARGES - COMMERCIAL/MIXED USE	44.521	AC	\$5,625.00	\$250,430.63
3.	CAPITAL FACILITIES CHARGES - OUTLOTS (B, C, D & F)	7.44	AC	\$5,250.00	\$39,060.00

Estimated Construction Costs:		\$506,190.63
Less credit:	25%	\$126,547.65
Net Costs:		\$379,642.98

Estimated Soft Costs

2.00% Legal:	\$7,592.86
5.00% Fiscal:	\$19,361.79
7.00% Interest:	\$21,346.38
9 Duration (Months)	

Total Estimated Soft Costs:	10%	\$48,301.03
Total Estimated Costs:		\$554,491.65

City Infrastructure Contribution

Assumptions/Comments:



Total fee to be split between North Shore and Ashbury Farm - Total contribution per Jeff Thompson on 2/6/2013 is \$1,356,000. Assume no reimbursables at this time. Now showing full amount with reimbursable by North Shore.

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1.	Contribution to City Infrastructure	1	LS	\$1,356,000.00	\$1,356,000.00

Estimated Construction Costs:		\$1,356,000.00
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Estimated Soft Costs

2.00% Legal:	\$27,120.00
5.00% Fiscal:	\$69,156.00
7.00% Interest:	\$50,829.66
6 Duration (Months)	

Total Estimated Soft Costs:	11%	\$147,105.66
Total Estimated Costs:		\$1,503,105.66

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WATER INTERIOR G.O.

Assumptions/Comments:



Price difference for pipes larger than 8" is GO

Updated with Cedar Construction Bid

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1 .	CONSTRUCT 12" I.D. WATER MAIN (COST DIFFERENCE WITH 8")	4,390	LF	\$11.35	\$49,826.50
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	1	EA	\$1,850.00	\$1,850.00
	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	0	EA	\$1,995.00	\$0.00
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"x12"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$420.00	\$0.00
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"x12" M.J. TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$300.00	\$0.00
14 .	CONSTRUCT 12"x12" CROSS	0	EA	\$637.00	\$0.00
15 .	CONSTRUCT 8"x6" CROSS	0	EA	\$298.00	\$0.00
16 .	CONSTRUCT 12" 45 DEGREE VERTICAL BEND WITH BACKING BLOCK	0	EA	\$280.00	\$0.00
17 .	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$440.00	\$0.00
18 .	CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$325.00	\$0.00
19 .	CONSTRUCT 12" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$315.00	\$0.00
20 .	CONSTRUCT 6" x 11.25 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$55.00	\$0.00
21 .	CONSTRUCT 6" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$185.00	\$0.00
22 .	CONSTRUCT 12" x 11.25 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$250.00	\$0.00
23 .	CONSTRUCT 12" X 8" REDUCER	0	EA	\$210.00	\$0.00
24 .	CONSTRUCT 12" X 6" REDUCER	0	EA	\$210.00	\$0.00
25 .	CONSTRUCT 12" PIPE PLUG	0	EA	\$1,040.00	\$0.00
26 .	CONSTRUCT 8" PIPE PLUG	0	EA	\$290.00	\$0.00
27 .	CONSTRUCT 16"x16"x12" LIVE TAP TEE ASSEMBLY, 12" M.J. GATE VALVE WITH BOX AND BACKING BLOCK	0	EA	\$5,320.00	\$0.00
28 .	BORE AND JACK 20" STEEL CASING W/ 12" D.I.P.	170	LF	\$260.00	\$44,200.00
29 .	MULCH	1	AC	\$550.00	\$550.00
30 .	TEMPORARY SEEDING	1	AC	\$900.00	\$900.00
31 .	CONTINGENCY	5%			\$4,866.33

Estimated Construction Costs: \$102,192.83

Estimated Soft Costs

Engineering Design, Construction		
21.00% Admin, Geotechnical & Testing		\$21,460.49
5.00% Legal:		\$5,109.64
5.00% Fiscal:		\$6,438.15
7.00% Interest:		\$7,098.06
9 Duration (Months)		

Total Estimated Soft Costs: 39% \$40,106.34

Total Estimated Costs: \$142,299.17

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City Infrastructure Contribution - G.O.

Assumptions/Comments:



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

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	Contribution to City Infrastructure	1	LS	\$1,356,000.00	\$1,356,000.00

Estimated Construction Costs: \$1,356,000.00

Estimated Soft Costs

2.00% Legal:	\$27,120.00
5.00% Fiscal:	\$69,156.00
7.00% Interest:	\$50,829.66
6 Duration (Months)	

Total Estimated Soft Costs: 11% \$147,105.66

Total Estimated Costs: \$1,503,105.66

Reimbursable by North Shore \$601,242.26

Ashbury G.O. \$901,863.40

AS

POWER

Assumptions/Comments:



Commercial Service could be Delayed

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	UNDERGROUND SERVICE - RESIDENTIAL	62	LOT	\$880.00	\$54,560.00

Estimated Construction Costs: \$54,560.00

Estimated Soft Costs

Engineering Design, Construction		
21.00% Admin, Geotechnical & Testing		\$11,457.60
5.00% Legal:		\$2,728.00
5.00% Fiscal:		\$3,437.28
7.00% Interest:		\$3,789.60
9 Duration (Months)		

Total Estimated Soft Costs: 39% \$21,412.48

Total Estimated Costs: \$75,972.48

POWER

Assumptions/Comments:



Commercial Service could be Delayed

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	UNDERGROUND SERVICE - COMMERCIAL	0.000	AC	\$3,150.00	\$0.00

Estimated Construction Costs: \$0.00

Estimated Soft Costs

Engineering Design, Construction		
21.00% Admin, Geotechnical & 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

A+

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	75	EA	2,050.00	\$153,750.00

Estimated Construction Costs: \$153,750.00

Estimated Soft Costs

3.00%	Engineering Design and	\$4,612.50
5.00%	Legal:	\$7,687.50
5.00%	Fiscal:	\$8,302.50
7.00%	Interest:	\$6,102.34
6 Duration (Months)		

Total Estimated Soft Costs: 17% \$26,704.84

Total Estimated Costs: \$180,454.84

Au

CIVIL DEFENSE SIREN

Assumptions/Comments:



	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 .	Civil Defense Siren	1	LS	\$30,000.00	\$30,000.00

Estimated Construction Costs: \$30,000.00

Estimated Soft Costs

	Engineering Design, Construction	
25.00%	Admin, Geotechnical & Testing	\$7,500.00
5.00%	Legal:	\$1,500.00
5.00%	Fiscal:	\$1,950.00
7.00%	Interest:	\$1,433.25
	6 Duration (Months)	

Total Estimated Soft Costs: 41% \$12,383.25

Total Estimated Costs: \$42,383.25

AV

Plan Review Fee

Assumptions/Comments:



	Bid Item Description	Construction Cost	Plan Review Fee	Total
1 .	SANITARY SEWER - INTERIOR	\$261,851.10	1.00%	\$2,618.51
2 .	SANITARY SEWER - OUTFALL	\$401,269.91	1.00%	\$4,012.70
3 .	STORM SEWER	\$332,970.66	1.00%	\$3,329.71
4 .	PAVING MINOR	\$477,688.42	1.00%	\$4,776.88
5 .	PAVING 120TH STREET	\$659,686.62	1.00%	\$6,596.87
6 .	PAVING MAJOR	\$328,201.58	1.00%	\$3,282.02
7 .	SIDEWALKS	\$147,997.87	1.00%	\$1,479.98
8 .	LANDSCAPING	\$100,000.00	1.00%	\$1,000.00
9 .	WATER INTERIOR	\$414,649.10	1.00%	\$4,146.49
10 .	CIVIL DEFENSE SIREN	\$30,000.00	1.00%	\$300.00
11 .	REGULATORY SIGNS	\$10,517.50	1.00%	\$105.18

Estimated Construction Costs: \$31,648.33

Estimated Soft Costs

5.00% Fiscal: \$1,582.42

7.00% Interest: \$2,326.15

12 Duration (Months)

Total Estimated Soft Costs: 12% \$3,908.57

Total Estimated Costs: \$35,556.90

Aw

S.I.D. Cost Estimate

Ashbury Farm - Final Plat (Estimated for Phase 2)

0112043.01-003

SID No. 293

4/21/2014

ORDER OF MAGNITUDE COST EST. (phase 2 prel plat)

Proposed Improvement	Quantity	Unit	Construction Cost	Total Cost	General Obligation	Special	Future SID Reimbursable	City of Papillion Reimbursable	Sarpy County Reimbursable	Private
SANITARY SEWER										
Interior	4731	LF	\$371,100.00	\$529,500.00	\$166,900.00	\$362,600.00	\$0.00	\$0.00	\$0.00	\$0.00
STORM SEWER										
Interior	4787	LF	\$295,900.00	\$418,800.00	\$418,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PAVING										
Minor	8900	SY	\$717,000.00	\$966,700.00	\$403,400.00	\$563,300.00	\$0.00	\$0.00	\$0.00	\$0.00
SIDEWALKS										
Minor	3870	SF	\$19,700.00	\$28,000.00	\$28,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LANDSCAPING										
Minor	0	LS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
REGULATORY SIGNS										
Minor	12	EA	\$3,200.00	\$4,700.00	\$4,700.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PARKS ACQUISITION										
Minor	0.00	AC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
WATER										
Interior	7350	LF	\$459,900.00	\$640,400.00	\$201,300.00	\$439,100.00	\$0.00	\$0.00	\$0.00	\$0.00
Capital Facilities Charge	48	Lots	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
POWER										
Residential Service	48	Lots	\$42,200.00	\$56,000.00	\$0.00	\$56,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Commercial Service	46	AC	\$145,700.00	\$193,200.00	\$0.00	\$193,200.00	\$0.00	\$0.00	\$0.00	\$0.00
Decorative Street Lights	9	EA	\$18,500.00	\$21,200.00	\$21,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CIVIL DEFENSE SIREN										
Minor	0	LS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PLAN REVIEW FEE										
Minor	1	%	\$18,600.00	\$20,900.00	\$10,900.00	\$10,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Total			\$2,091,800.00	\$2,879,400.00	\$1,255,200.00	\$1,624,200.00	\$0.00	\$0.00	\$0.00	\$0.00

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DEBT RATIO

ASSUMPTIONS

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

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

Commercial Land Value per square foot =

Commercial Building Value per square foot (Includes Land) =

ASSESSABLE VALUATION

Residential Lot	<input type="text" value="48"/>	Units =	\$85,000.00 =	\$4,080,000.00
Residential Improvements	<input type="text" value="48"/>	Units =	\$415,000.00 =	\$19,920,000.00
Commercial Land	<input type="text" value="44.52"/>	AC =	\$348,480.00 =	\$15,514,329.60
Commercial Building (20% of Lot Area)	<input type="text" value="387,858"/>	SF =	\$85.00 =	\$32,967,950.40
			Total 100% Valuation =	\$72,482,280.00
			Total 95% Valuation =	\$68,858,166.00
			DEBT RATIO =	<input type="text" value="1.82%"/>

SANITARY SEWER - INTERIOR

Assumptions/Comments:



updated unit price - item no(s) 2 on 3/27/2014

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	CLEARING AND GRUBBING GENERAL	0.46	LS	\$5,000.00	\$2,319.12
2	CONSTRUCT 6" SANITARY SEWER PIPE	1795	LF	\$15.00	\$26,924.96
3	CONSTRUCT 8" SANITARY SEWER PIPE	4731	LF	\$16.00	\$75,696.00
4	CONSTRUCT 4" FORCE MAIN	860	LF	\$20.00	\$17,200.00
4	CONSTRUCT 54" I.D. SANITARY MANHOLE (19 EA)	264	VF	\$275.00	\$72,600.00
5	CONSTRUCT MANHOLE RING COLLAR	2	EA	\$350.00	\$700.00
6	CONSTRUCT EXTERNAL FRAME SEAL	2	EA	\$400.00	\$800.00
7	EXCAVATION FOR EXTRA DEEP SANITARY SEWER	116	VF-LF	\$10.00	\$1,159.56
8	CONSTRUCT 8" X 6" WYE	51	EA	\$100.00	\$5,100.00
9	CONSTRUCT 8" PIPE PLUG	0	EA	\$250.00	\$0.00
10	CONSTRUCT MANHOLE STUBOUT	1	EA	\$100.00	\$100.00
12	CONSTRUCT 6" PIPE BEDDING	1795	LF	\$5.00	\$8,974.99
13	CONSTRUCT 8" PIPE BEDDING	4731	LF	\$5.50	\$26,020.50
14	STABILIZE TRENCH W/ CRUSHED LIMESTONE	46	TN	\$25.00	\$1,159.56
15	INSTALL VACUUM PRIME LIFT STATION	1	EA	\$20,000.00	\$20,000.00
16	CONSTRUCT 72" I.D. LIFT STATION MANHOLE (1 EA)	16	VF	\$800.00	\$12,800.00
17	INSTALL METER PANEL AND WIRING	1	EA	\$11,000.00	\$11,000.00
18	INSTALL GENERATOR	1	EA	\$20,000.00	\$20,000.00
19	CONSTRUCT GENERATOR PAD	1	EA	\$2,100.00	\$2,100.00
20	CONSTRUCT 6' TALL CHAIN LINK FENCE	110	LF	\$75.00	\$8,250.00
21	CONSTRUCT ROCK SURFACING	50	TN	\$25.00	\$1,250.00
22	CONSTRUCT SILT FENCE	928	LF	\$3.00	\$2,782.94
23	CLEANOUT SILT FENCE	928	LF	\$1.25	\$1,159.56
24	CLEANOUT SILT BASIN	464	CY	\$3.00	\$1,391.47
25	SEEDING - TYPE "TEMPORARY SEED MIX"	0.46	AC	\$500.00	\$231.91
26	HAY OR STRAW MULCH	0.46	AC	\$450.00	\$208.72
27	ROLLED EROSION CONTROL, TYPE II	928	SY	\$3.00	\$2,782.94
28	CONTINGENCY	15 %			\$48,406.83

Estimated Construction Costs: \$371,119.05

Estimated Soft Costs

20.00% Engineering Design and Construction Administration:	\$74,223.81
2.00% Geotechnical and Testing:	\$7,422.38
5.00% Legal:	\$18,555.95
5.00% Fiscal:	\$23,566.06
7.00% Interest:	\$34,642.11
12 Duration (Months)	

Total Estimated Soft Costs: 43% \$158,410.31

Total Estimated Costs: \$529,529.37

SANITARY SEWER - INTERIOR G.O.

Assumptions/Comments:



Temporary Lift Station & Force Main

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1	CLEARING AND GRUBBING GENERAL	0	LS	\$15,000.00	\$0.00
2	CONSTRUCT 6" SANITARY SEWER PIPE	0	LF	\$15.00	\$0.00
3	CONSTRUCT 8" SANITARY SEWER PIPE	0	LF	\$16.00	\$0.00
4	CONSTRUCT 4" FORCE MAIN	860	LF	\$20.00	\$17,200.00
4	CONSTRUCT 54" I.D. SANITARY MANHOLE (41 EA)	0	VF	\$275.00	\$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	1	EA	\$20,000.00	\$20,000.00
16	CONSTRUCT 72" I.D. LIFT STATION MANHOLE (1 EA)	16	VF	\$800.00	\$12,800.00
17	INSTALL METER PANEL AND WIRING	1	EA	\$11,000.00	\$11,000.00
18	INSTALL GENERATOR	1	EA	\$20,000.00	\$20,000.00
19	CONSTRUCT GENERATOR PAD	1	EA	\$2,100.00	\$2,100.00
20	CONSTRUCT 6' TALL CHAIN LINK FENCE	110	LF	\$75.00	\$8,250.00
21	CONSTRUCT ROCK SURFACING	50	TN	\$25.00	\$1,250.00
22	CONSTRUCT SILT FENCE	928	LF	\$3.00	\$2,782.94
23	CLEANOUT SILT FENCE	928	LF	\$1.25	\$1,159.56
24	CLEANOUT SILT BASIN	464	CY	\$6.00	\$2,782.94
25	SEEDING - TYPE "TEMPORARY SEED MIX"	0.46	AC	\$500.00	\$231.91
26	HAY OR STRAW MULCH	0.46	AC	\$450.00	\$208.72
27	ROLLED EROSION CONTROL, TYPE II	928	SY	\$3.00	\$2,782.94
28	CONTINGENCY	15 %			\$15,382.35

Estimated Construction Costs: \$117,931.37

Estimated Soft Costs

20.00%	Engineering Design and Construction Administration:	\$23,586.27
1.00%	Geotechnical and Testing:	\$1,179.31
5.00%	Legal:	\$5,896.57
5.00%	Fiscal:	\$7,429.68
7.00%	Interest:	\$10,921.62
12	Duration (Months)	

Total Estimated Soft Costs: 42% \$49,013.46

Total Estimated Costs: \$166,944.82

Bb

STORM SEWER

Assumptions/Comments:

updated unit price - item no(s) 3-8 on 3/27/2014

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1 .	CLEARING AND GRUBBING GENERAL	0.64	LS	\$5,000.00	\$3,177.77
2 .	GENERAL GRADING AND SHAPING	0.64	LS	\$10,000.00	\$6,355.55
3 .	CONSTRUCT 18" R.C.P., CLASS III	2527	LF	\$25.00	\$63,175.00
4 .	CONSTRUCT 24" R.C.P., CLASS III	546	LF	\$30.00	\$16,380.00
5 .	CONSTRUCT 30" R.C.P., CLASS III	1319	LF	\$38.00	\$50,122.00
6 .	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	204	LF	\$50.00	\$10,200.00
7 .	CONSTRUCT 42" R.C.P., D(0.01) = 1,350	129	LF	\$68.00	\$8,772.00
8 .	CONSTRUCT 48" R.C.P., D(0.01) = 1,350	62	LF	\$82.00	\$5,084.00
9 .	CONSTRUCT 18" R.C. FLARED END SECTION	1	EA	\$750.00	\$750.00
10 .	CONSTRUCT 24" R.C. FLARED END SECTION	1	EA	\$900.00	\$900.00
11 .	CONSTRUCT 36" R.C. FLARED END SECTION	1	EA	\$1,200.00	\$1,200.00
12 .	CONSTRUCT 42" R.C. FLARED END SECTION	1	EA	\$1,500.00	\$1,500.00
13 .	CONSTRUCT 48" R.C. FLARED END SECTION	0	EA	\$2,000.00	\$0.00
14 .	CONSTRUCT 54" I.D. FLATTOP MANHOLE (7 EA)	35	VF	\$250.00	\$8,750.00
15 .	CONSTRUCT 60" I.D. FLATTOP MANHOLE (0 EA)	0	VF	\$275.00	\$0.00
16 .	CONSTRUCT 84" I.D. FLATTOP MANHOLE (0 EA)	0	VF	\$500.00	\$0.00
17 .	CONSTRUCT 54" I.D. TYPE II AREA INLET (4 EA)	20	VF	\$400.00	\$8,000.00
18 .	CONSTRUCT 18" PIPE BEDDING	2527	LF	\$3.00	\$7,581.00
19 .	CONSTRUCT 24" PIPE BEDDING	546	LF	\$4.00	\$2,184.00
20 .	CONSTRUCT 30" PIPE BEDDING	1319	LF	\$5.00	\$6,595.00
21 .	CONSTRUCT 36" PIPE BEDDING	204	LF	\$7.50	\$1,530.00
22 .	CONSTRUCT 42" PIPE BEDDING	129	LF	\$10.00	\$1,290.00
23 .	CONSTRUCT 48" PIPE BEDDING	62	LF	\$14.00	\$868.00
24 .	STABILIZE TRENCH W/ CRUSHED LIMESTONE	318	TN	\$25.00	\$7,944.44
25 .	CONSTRUCT POND OUTLET STRUCTURE (BASIN A)	0	VF	\$1,000.00	\$0.00
26 .	CONSTRUCT POND OUTLET STRUCTURE (BASIN B)	8	VF	\$1,000.00	\$8,000.00
27 .	CONSTRUCT POND OUTLET STRUCTURE (BASIN E)	0	VF	\$1,000.00	\$0.00
28 .	CONSTRUCT POND OUTLET STRUCTURE (BASIN G)	0	VF	\$1,000.00	\$0.00
29 .	CONSTRUCT MANHOLE RING COLLAR	0	EA	\$250.00	\$0.00
30 .	CONSTRUCT RIP-RAP APRON - (NDOR TYPE "B")	95	TON	\$36.00	\$3,432.00
31 .	CONSTRUCT ROCK RIP-RAP - TYPE "C"	32	TON	\$38.00	\$1,207.55
	CONSTRUCT OUTLET ENERGY DISSIPATION	3	EA	\$3,000.00	\$7,626.66
32	CONSTRUCT TEMPORARY END OF STREET DRAIN	3	EA	\$2,000.00	\$5,084.44
33 .	CONSTRUCT ROCK ACCESS ROAD	127	TN	\$22.00	\$2,796.44
34 .	CONSTRUCT SILT FENCE	318	LF	\$3.00	\$953.33
35 .	CLEANOUT SILT FENCE	318	LF	\$1.25	\$397.22
36 .	CLEANOUT SILT BASIN	2860	CY	\$3.00	\$8,579.99
37 .	SEEDING - TYPE "TEMPORARY SEED MIX"	3	AC	\$500.00	\$1,588.89
38 .	HAY OR STRAW MULCH	3	AC	\$450.00	\$1,430.00
39 .	ROLLED EROSION CONTROL, TYPE II	1271	SY	\$3.00	\$3,813.33
	CONTINGENCY		15%		\$38,590.29

Estimated Construction Costs: \$295,858.91

Estimated Soft Costs

Engineering Design and	
20.00% Construction Administration:	\$59,171.78
1.00% Geotechnical and Testing:	\$2,958.59
5.00% Legal:	\$14,792.95
5.00% Fiscal:	\$18,639.11
7.00% Interest:	\$27,399.49
12 Duration (Months)	

Total Estimated Soft Costs: 42% \$122,961.92

Total Estimated Costs: \$418,820.83

STORM SEWER G.O.

Assumptions/Comments:

updated unit price - item no(s) 3-8 on 3/27/2014

	Bid Item Description	Approximate		Unit Price	Total
		Quantity	Unit		
1.	CLEARING AND GRUBBING GENERAL	0.64	LS	\$5,000.00	\$3,177.77
2.	GENERAL GRADING AND SHAPING	0.64	LS	\$10,000.00	\$6,355.55
3.	CONSTRUCT 18" R.C.P., CLASS III	2527	LF	\$25.00	\$63,175.00
4.	CONSTRUCT 24" R.C.P., CLASS III	546	LF	\$30.00	\$16,380.00
5.	CONSTRUCT 30" R.C.P., CLASS III	1319	LF	\$38.00	\$50,122.00
6.	CONSTRUCT 36" R.C.P., D(0.01) = 1,350	204	LF	\$50.00	\$10,200.00
7.	CONSTRUCT 42" R.C.P., D(0.01) = 1,350	129	LF	\$68.00	\$8,772.00
8.	CONSTRUCT 48" R.C.P., D(0.01) = 1,350	62	LF	\$82.00	\$5,084.00
9.	CONSTRUCT 18" R.C. FLARED END SECTION	1	EA	\$750.00	\$750.00
10.	CONSTRUCT 24" R.C. FLARED END SECTION	1	EA	\$900.00	\$900.00
11.	CONSTRUCT 36" R.C. FLARED END SECTION	1	EA	\$1,200.00	\$1,200.00
12.	CONSTRUCT 42" R.C. FLARED END SECTION	1	EA	\$1,500.00	\$1,500.00
13.	CONSTRUCT 48" R.C. FLARED END SECTION	0	EA	\$2,000.00	\$0.00
14.	CONSTRUCT 54" I.D. FLATTOP MANHOLE (5 EA)	35	VF	\$250.00	\$8,750.00
15.	CONSTRUCT 60" I.D. FLATTOP MANHOLE (1 EA)	0	VF	\$275.00	\$0.00
16.	CONSTRUCT 84" I.D. FLATTOP MANHOLE (1 EA)	0	VF	\$500.00	\$0.00
17.	CONSTRUCT 54" I.D. TYPE II AREA INLET (1 EA)	20	VF	\$400.00	\$8,000.00
18.	CONSTRUCT 18" PIPE BEDDING	2527	LF	\$3.00	\$7,581.00
19.	CONSTRUCT 24" PIPE BEDDING	546	LF	\$4.00	\$2,184.00
20.	CONSTRUCT 30" PIPE BEDDING	1319	LF	\$5.00	\$6,595.00
21.	CONSTRUCT 36" PIPE BEDDING	204	LF	\$7.50	\$1,530.00
22.	CONSTRUCT 42" PIPE BEDDING	129	LF	\$10.00	\$1,290.00
23.	CONSTRUCT 48" PIPE BEDDING	62	LF	\$14.00	\$868.00
24.	STABILIZE TRENCH W/ CRUSHED LIMESTONE	318	TN	\$25.00	\$7,944.44
25.	CONSTRUCT POND OUTLET STRUCTURE (BASIN A)	0	VF	\$1,000.00	\$0.00
26.	CONSTRUCT POND OUTLET STRUCTURE (BASIN B)	8	VF	\$1,000.00	\$8,000.00
27.	CONSTRUCT POND OUTLET STRUCTURE (BASIN E)	0	VF	\$1,000.00	\$0.00
28.	CONSTRUCT POND OUTLET STRUCTURE (BASIN G)	0	VF	\$1,000.00	\$0.00
29.	CONSTRUCT MANHOLE RING COLLAR	0	EA	\$250.00	\$0.00
30.	CONSTRUCT RIP-RAP APRON - (NDOR TYPE "B")	95	TON	\$36.00	\$3,432.00
31.	CONSTRUCT ROCK RIP-RAP - TYPE "C"	32	TON	\$38.00	\$1,207.55
	CONSTRUCT OUTLET ENERGY DISSIPATION	3	EA	\$3,000.00	\$7,626.66
32.	CONSTRUCT TEMPORARY END OF STREET DRAIN	3	EA	\$2,000.00	\$5,084.44
33.	CONSTRUCT ROCK ACCESS ROAD	127	TN	\$22.00	\$2,796.44
34.	CONSTRUCT SILT FENCE	318	LF	\$3.00	\$953.33
35.	CLEANOUT SILT FENCE	318	LF	\$1.25	\$397.22
36.	CLEANOUT SILT BASIN	2860	CY	\$3.00	\$8,579.99
37.	SEEDING - TYPE "TEMPORARY SEED MIX"	3	AC	\$500.00	\$1,588.89
38.	HAY OR STRAW MULCH	3	AC	\$450.00	\$1,430.00
39.	ROLLED EROSION CONTROL, TYPE II	1271	SY	\$3.00	\$3,813.33
	CONTINGENCY		15%		\$38,590.29

Estimated Construction Costs: \$295,858.91

Estimated Soft Costs

20.00%	Engineering Design and Construction Administration:	\$59,171.78
1.00%	Geotechnical and Testing:	\$2,958.59
5.00%	Legal:	\$14,792.95
5.00%	Fiscal:	\$18,639.11
7.00%	Interest:	\$27,399.49
	12 Duration (Months)	

Total Estimated Soft Costs: 42% \$122,961.92

Total Estimated Costs: \$418,820.83

Bd

PAVING MINOR

Assumptions/Comments:



Includes residential and commercial. updated unit price - item no(s) 1,2, 3, 7 and 8 on 3/27/2014

19050

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . 7" CONCRETE PAVEMENT - TYPE L65	10150	SY	\$25.00	\$253,750.00
2 . 9" CONCRETE PAVEMENT - TYPE L65	8900	SY	\$31.00	\$275,900.00
3 . COMMON EARTHWORK EXCAVATION	2967	CY	\$2.50	\$7,416.67
4 . MEDIAN NOSE	0	EA	\$250.00	\$0.00
5 . ADJUST MANHOLE TO GRADE	25	EA	\$150.00	\$3,750.00
6 . EXTERNAL FRAME SEAL	25	EA	\$350.00	\$8,750.00
7 . CONSTRUCT CURB INLET - TYPE I	5	EA	\$2,500.00	\$12,500.00
8 . CONSTRUCT CURB INLET - TYPE III	10	EA	\$2,750.00	\$27,500.00
9 . PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL - WHITE "ONLY"	1	EA	\$350.00	\$350.00
10 . PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL - WHITE DIRECTIONAL ARROW	2	EA	\$350.00	\$700.00
11 . 4" PREFORMED PAVEMENT MARKING TAPE PAVEMENT MARKING - WHITE	4715	LF	\$3.00	\$14,145.00
12 . 24" PREFORMED PAVEMENT MARKING TAPE PAVEMENT MARKING - WHITE	28	LF	\$20.00	\$560.00
13 . TOPSOIL PLACEMENT	410	CY	\$10.00	\$4,096.48
14 . CONSTRUCT SILT FENCE	205	LF	\$3.00	\$614.47
15 . CLEANOUT SILT FENCE	512	LF	\$1.25	\$640.08
16 . CLEANOUT SILT BASIN	2048	CY	\$3.00	\$6,144.72
17 . SEEDING - TYPE "TEMPORARY SEED MIX"	2	AC	\$500.00	\$1,024.12
18 . HAY OR STRAW MULCH	2	AC	\$450.00	\$921.71
19 . JET EXISTING SEWER	4731	LF	\$1.00	\$4,731.00
CONTINGENCY	15 %			\$93,524.14

Estimated Construction Costs: \$717,018.38

Estimated Soft Costs

Engineering Design and	
15.00% Construction Administration:	\$107,552.76
2.00% Geotechnical and Testing:	\$14,340.37
5.00% Legal:	\$35,850.92
5.00% Fiscal:	\$43,738.12
7.00% Interest:	\$48,221.28
9 Duration (Months)	

Total Estimated Soft Costs: 35% \$249,703.44

Total Estimated Costs: \$966,721.83

PAVING IN EXCESS OF 6" THICK

Assumptions/Comments:

Total pavement in excess of 6" minus Sarpy County pavement contribution and G.O. pavement 3861

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 .	1" CONCRETE PAVEMENT	1,365	SY	\$25.55	\$34,875.75
2 .	3" CONCRETE PAVEMENT	1,800	SY	\$31.00	\$55,800.00

Estimated Construction Costs: \$90,675.75

FORMULA :	7" PAVEMENT 120TH STREET QUANTITY	10,150 SY	
	- G.O. PAVEMENT QUANTITY	-593 SY	
		<u>9,557</u>	
	9,557 SY X (1/7") =	1,365 SY	

Estimated Soft Costs

FORMULA :	9" PAVEMENT 120TH STREET QUANTITY	8,900 SY	
	- G.O. PAVEMENT QUANTITY	-2,945 SY	
		<u>5,955</u>	
	5,955 SY X (3/7") =	2,552 SY	

19.00%	Engineering Design and	\$17,228.39
2.00%	Geotechnical and Testing:	\$1,813.52
5.00%	Legal:	\$4,533.79
5.00%	Fiscal:	\$5,712.57
7.00%	Interest:	<u>\$6,298.11</u>
	9 Duration (Months)	

Total Estimated Soft Costs: 39% \$35,586.38

Total Estimated Costs: \$126,262.13

BF

PAVING MINOR G.O.

Assumptions/Comments:



Intersection paving and extra width paving beyond 25'
updated unit price - item no(s) 1,2, 3, 7 and 8 on 3/27/2014

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1 .	7" CONCRETE PAVEMENT - TYPE L65	593	SY	\$25.00	\$14,825.00
2 .	9" CONCRETE PAVEMENT - TYPE L65	2945	SY	\$31.00	\$91,295.00
3 .	COMMON EARTHWORK EXCAVATION	982	CY	\$2.50	\$2,454.17
4	MEDIAN NOSE	6	EA	\$250.00	\$1,500.00
5 .	ADJUST MANHOLE TO GRADE	6	EA	\$150.00	\$900.00
6 .	EXTERNAL FRAME SEAL	0	EA	\$350.00	\$0.00
7 .	CONSTRUCT CURB INLET - TYPE I	5	EA	\$2,500.00	\$12,500.00
8 .	CONSTRUCT CURB INLET - TYPE III	11	EA	\$2,750.00	\$30,250.00
9 .	PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL - WHITE "ONLY"	1	EA	\$350.00	\$350.00
10 .	PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL - WHITE DIRECTIONAL ARROW	2	EA	\$350.00	\$700.00
11 .	4" PREFORMED PAVEMENT MARKING TAPE PAVEMENT MARKING - WHITE 24" PREFORMED PAVEMENT MARKING TAPE PAVEMENT MARKING - WHITE	4715	LF	\$3.00	\$14,145.00
12 .	TOPSOIL PLACEMENT	28	LF	\$20.00	\$560.00
13 .	CONSTRUCT SILT FENCE	0	CY	\$10.00	\$0.00
14	CLEANOUT SILT FENCE	205	LF	\$3.00	\$615.00
15	CLEANOUT SILT FENCE	512	LF	\$1.25	\$640.00
16	CLEANOUT SILT BASIN	2048	CY	\$3.00	\$6,144.00
17	SEEDING - TYPE "TEMPORARY SEED MIX"	2	AC	\$500.00	\$975.88
18	HAY OR STRAW MULCH	2	AC	\$450.00	\$878.29
19 .	JET EXISTING SEWER	0	LF	\$1.00	\$0.00
20	ROW ACQUISITION	0.00	AC	\$42,000.00	\$0.00
	CONTINGENCY	15	%		\$26,809.85

Estimated Construction Costs: \$205,542.19

Estimated Soft Costs

Engineering Design and	
15.00% Construction Administration:	\$30,831.33
2.00% Geotechnical and Testing:	\$4,110.84
5.00% Legal:	\$10,277.11
5.00% Fiscal:	\$12,538.07
7.00% Interest:	\$13,823.23
9 Duration (Months)	

Total Estimated Soft Costs: 35% \$71,580.58

Total Estimated Costs: \$277,122.77

Bg

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

Assumptions/Comments:

Total pavement in excess of 6" minus Sarpy County pavement contribution

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1 .	1" CONCRETE PAVEMENT	1,365	SY	\$25.55	\$34,875.75
2 .	3" CONCRETE PAVEMENT	1,800	SY	\$31.00	\$55,800.00
Estimated Construction Costs:					\$90,675.75
FORMULA : 7" PAVEMENT 120TH STREET QUANTITY		10,150	SY		
- G.O. PAVEMENT QUANTITY		-593	SY		
		<u>9,557</u>			
9,557 SY X (1/7") = 1,365 SY					
FORMULA : 9" PAVEMENT 120TH STREET QUANTITY		8,900	SY		
- G.O. PAVEMENT QUANTITY		-2,945	SY		
		<u>5,955</u>			
5,955 SY X (3/7") = 2,552 SY					
				19.00% Engineering Design and	\$17,228.39
				2.00% Geotechnical and Testing:	\$1,813.52
				5.00% Legal:	\$4,533.79
				5.00% Fiscal:	\$5,712.57
				7.00% Interest:	\$6,298.11
				9 Duration (Months)	
				Total Estimated Soft Costs:	39% <u>\$35,586.38</u>
				Total Estimated Costs:	\$126,262.13

Bh

SIDEWALKS

Assumptions/Comments:



5' trail with Outlots A and E

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	4" CONCRETE SIDEWALK	3,870	SF	\$3.50	\$13,545.00
2	SUBGRADE PREPARATION	449	SY	\$2.50	\$1,123.65
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	\$100.00	\$300.00
6	SEEDING - TYPE "NON -IRRIGATED LAWN AND TURF SEED"	0.30	AC	\$1,600.00	\$479.42
7	HAY OR STRAW MULCH	0.30	AC	\$450.00	\$134.84
8	CONTINGENCY		15 %		\$2,575.65

Estimated Construction Costs: \$19,746.65

Estimated Soft Costs

Engineering Design and	
20.00% Construction Administration:	\$3,949.33
1.00% Geotechnical and Testing:	\$197.47
5.00% Legal:	\$987.33
5.00% Fiscal:	\$1,244.04
7.00% Interest:	\$1,828.74
12 Duration (Months)	

Total Estimated Soft Costs: 42% \$8,206.91

Total Estimated Costs: \$27,953.56

B1

SIDEWALKS G.O.

Assumptions/Comments:



All Sidewalks are G.O. except the reimbursable Trail along 120th Street

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1	4" CONCRETE SIDEWALK	3,870	SF	\$3.50	\$13,545.00
2	SUBGRADE PREPARATION	449	SY	\$2.50	\$1,123.65
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	\$100.00	\$300.00
6	SEEDING - TYPE "NON -IRRIGATED LAWN AND TURF SEED"	0.3	AC	\$1,600.00	\$479.42
7	HAY OR STRAW MULCH	0.3	AC	\$450.00	\$134.84
8	CONTINGENCY	15 %			\$2,575.65

Estimated Construction Costs: \$19,746.65

Estimated Soft Costs

Engineering Design and	
20.00% Construction Administration:	\$3,949.33
1.00% Geotechnical and Testing:	\$197.47
5.00% Legal:	\$987.33
5.00% Fiscal:	\$1,244.04
7.00% Interest:	\$1,828.74
12 Duration (Months)	
Total Estimated Soft Costs:	42% \$8,206.91
Total Estimated Costs:	\$27,953.56

Bj

REGULATORY SIGNAGE

Assumptions/Comments:



Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1.	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	5	EA	\$250.00	\$1,250.00
2.	"STOP" SIGN (24")	7	EA	\$200.00	\$1,400.00
3.	SPEED LIMIT SIGN (18"X24")	1	EA	\$175.00	\$175.00
4.	"KEEP RIGHT" SIGN (18X24")	0	EA	\$175.00	\$0.00
5.	"PEDESTRIAN CROSSING" SIGN (30"X30")	0	EA	\$250.00	\$0.00
6.	CONTINGENCY	15.00	%		\$423.75

Estimated Construction Costs: \$3,248.75

Estimated Soft Costs

Engineering Design and	
25.00% Construction Administration:	\$812.19
5.00% Legal:	\$162.44
5.00% Fiscal:	\$211.17
7.00% Interest:	\$232.81
9 Duration (Months)	

Total Estimated Soft Costs: 44% \$1,418.61

Total Estimated Costs: \$4,667.36

BK

REGULATORY SIGNAGE - G.O.

Assumptions/Comments:



All signage is G.O.

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 .	STREET SIGN WITH DECORATIVE SWING PROOF BRACKETS	5	EA	\$250.00	\$1,250.00
2 .	"STOP" SIGN (24")	7	EA	\$200.00	\$1,400.00
3 .	SPEED LIMIT SIGN (18"X24")	1	EA	\$175.00	\$175.00
4 .	"KEEP RIGHT" SIGN (18X24")	0	EA	\$175.00	\$0.00
5 .	"PEDESTRIAN CROSSING" SIGN (30"X30")	0	EA	\$250.00	\$0.00
6	CONTINGENCY	15.00	%		\$423.75

Estimated Construction Costs: \$3,248.75

Estimated Soft Costs

25.00% Engineering Design and	\$812.19
5.00% Legal:	\$162.44
5.00% Fiscal:	\$211.17
7.00% Interest:	\$232.81
9 Duration (Months)	

Total Estimated Soft Costs: 44% \$1,418.61

Total Estimated Costs: \$4,667.36

B1

WATER INTERIOR

Assumptions/Comments:

added 170 LF B&J underneath HWY 370 (west end) on 03/27/2014-not bid in phase I

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1.	CONSTRUCT 6" WATER MAIN	1,240	LF	\$20.00	\$24,800.00
2.	CONSTRUCT 8" WATER MAIN	2,760	LF	\$26.00	\$71,760.00
3.	CONSTRUCT 12" WATER MAIN	3,350	LF	\$44.00	\$147,400.00
4.	CONSTRUCT 6" PIPE BEDDING	1,240	LF	\$3.00	\$3,720.00
5.	CONSTRUCT 8" PIPE BEDDING	2,760	LF	\$4.00	\$11,040.00
6.	CONSTRUCT 12" PIPE BEDDING	3,350	LF	\$6.00	\$20,100.00
7.	BORE AND JACK 16" STEEL CASING	170	LF	\$200.00	\$34,000.00
8.	CUT IN 12" TEE AND VALVE	1	EA	\$800.00	\$800.00
9.	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND BACKING BLOCK	2	EA	\$3,600.00	\$7,200.00
10.	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	11	EA	\$3,800.00	\$41,800.00
11.	CONSTRUCT 12 X 12 X 8 M.J. TEE ASSEMBLY AND BACKING BLOCK	2	EA	\$500.00	\$1,000.00
12.	CONSTRUCT 8 X 8 X 6 M.J. TEE ASSEMBLY AND BACKING BLOCK	1	EA	\$400.00	\$400.00
13.	CONSTRUCT 12X12X12X12 CROSS ASSEMBLY	1	EA	\$450.00	\$450.00
14.	CONSTRUCT 12X12X8X8 CROSS ASSEMBLY	1	EA	\$425.00	\$425.00
15.	CONSTRUCT 8X8X6X6 CROSS ASSEMBLY	1	EA	\$400.00	\$400.00
16.	CONSTRUCT M.J. GATE VALVE AND BOX	16	EA	\$1,500.00	\$24,000.00
17.	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	1	EA	\$450.00	\$450.00
18.	CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	1	EA	\$450.00	\$450.00
19.	CONSTRUCT 12" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	3	EA	\$450.00	\$1,350.00
20.	CONSTRUCT 6" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	1	EA	\$300.00	\$300.00
21.	CONSTRUCT 8" X 6" REDUCER	1	EA	\$150.00	\$150.00
22.	CONSTRUCT 6" X 6" REDUCER	1	EA	\$150.00	\$150.00
23.	CONSTRUCT CHLORINE TUBE	1	EA	\$1,500.00	\$1,500.00
24.	CONSTRUCT SAMPLE TAP	10	EA	\$400.00	\$4,000.00
25.	CONSTRUCT SILT FENCE	750	LF	\$3.00	\$2,250.00
26.	CONTINGENCY	15.00	%		\$59,984.25

Estimated Construction Costs: \$459,879.25

Estimated Soft Costs

Engineering Design and	
20.00% Construction Administration:	\$91,975.85
1.00% Geotechnical and Testing:	\$4,598.79
5.00% Legal:	\$22,993.96
5.00% Fiscal:	\$28,972.39
7.00% Interest:	\$31,942.06
9 Duration (Months)	

Total Estimated Soft Costs: 39% \$180,483.06

Total Estimated Costs: \$640,362.31

Bm

CAPITAL FACILITIES CHARGES

Assumptions/Comments:



Paid entirely in Phase I

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1.	CAPITAL FACILITIES CHARGES - RESIDENTIAL	0	LOTS	\$1,500.00	\$0.00
2.	CAPITAL FACILITIES CHARGES - COMMERCIAL/MIXED USE	0	AC	\$4,500.00	\$0.00
4.	CAPITAL FACILITIES CHARGES - OUTLOTS (A & E)	0.00	AC	\$4,200.00	\$0.00

Estimated Construction Costs: \$0.00

Estimated Soft Costs

2.00% 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

Bn

WATER INTERIOR G.O.

Assumptions/Comments:



Price difference for pipes larger than 8" is GO

Bid Item Description		Approximate Quantity	Unit	Unit Price	Total
1.	CONSTRUCT 6" WATER MAIN	0	LF	\$20.00	\$0.00
2.	CONSTRUCT 8" WATER MAIN	0	LF	\$26.00	\$0.00
3.	CONSTRUCT 12" WATER MAIN (OFFSITE)	540	LF	\$44.00	\$23,760.00
	CONSTRUCT 12" WATER MAIN (COST DIFFERNCE WITH 8")	3,350	LF	\$15.00	\$50,250.00
4.	CONSTRUCT 6" PIPE BEDDING	0	LF	\$3.00	\$0.00
5.	CONSTRUCT 8" PIPE BEDDING	0	LF	\$4.00	\$0.00
6.	CONSTRUCT 12" PIPE BEDDING (OFFSITE)	540	LF	\$6.00	\$3,240.00
	CONSTRUCT 12" PIPE BEDDING (OFFSITE)	3,350	LF	\$2.00	\$6,700.00
7.	BORE AND JACK 16" STEEL CASING	170	LF	\$200.00	\$34,000.00
8.	CUT IN 12" TEE AND VALVE	0	EA	\$800.00	\$0.00
	CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$3,600.00	\$0.00
10.	CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY	0	EA	\$3,800.00	\$0.00
11.	CONSTRUCT 12 X 12 X 8 M.J. TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$500.00	\$0.00
12.	CONSTRUCT 8 X 8 X 6 M.J. TEE ASSEMBLY AND BACKING BLOCK	0	EA	\$400.00	\$0.00
13.	CONSTRUCT 12X12X12X12 CROSS ASSEMBLY	0	EA	\$450.00	\$0.00
14.	CONSTRUCT 12X12X8X8 CROSS ASSEMBLY	0	EA	\$425.00	\$0.00
15.	CONSTRUCT 8X8X6X6 CROSS ASSEMBLY	0	EA	\$400.00	\$0.00
16.	CONSTRUCT M.J. GATE VALVE AND BOX	0	EA	\$1,500.00	\$0.00
17.	CONSTRUCT 12" x 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$450.00	\$0.00
18.	CONSTRUCT 12" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$450.00	\$0.00
19.	CONSTRUCT 12" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$450.00	\$0.00
20.	CONSTRUCT 6" x 22.5 DEGREE HORIZONTAL BEND WITH BACKING BLOCK	0	EA	\$300.00	\$0.00
21.	CONSTRUCT 8" X 6" REDUCER	0	EA	\$150.00	\$0.00
22.	CONSTRUCT 6" X 6" REDUCER	0	EA	\$150.00	\$0.00
23.	CONSTRUCT CHLORINE TUBE	1	EA	\$1,500.00	\$1,500.00
24.	CONSTRUCT SAMPLE TAP	10	EA	\$400.00	\$4,000.00
25.	CONSTRUCT SILT FENCE	750.00	LF	\$3.00	\$2,250.00
26.	CONTINGENCY	15.00	%		\$18,855.00

Estimated Construction Costs: \$144,555.00

Estimated Soft Costs

Engineering Design and	
20.00% Construction Administration:	\$28,911.00
1.00% Geotechnical and Testing:	\$1,445.55
5.00% Legal:	\$7,227.75
5.00% Fiscal:	\$9,106.97
7.00% Interest:	\$10,040.43
9 Duration (Months)	

Total Estimated Soft Costs: 39% \$56,731.69

Total Estimated Costs: \$201,286.69

Bo

POWER- Residential

Assumptions/Comments:



Commercial Service could be Delayed

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
2 . UNDERGROUND SERVICE - RESIDENTIAL	48	LOT	\$880.00	\$42,240.00

Estimated Construction Costs: \$42,240.00

Estimated Soft Costs

15.00% Engineering Design and Construction Administration:	\$6,336.00
5.00% Legal:	\$2,112.00
5.00% Fiscal:	\$2,534.40
7.00% Interest:	\$2,794.18
9 Duration (Months)	

Total Estimated Soft Costs: 33% \$13,776.58

Total Estimated Costs: \$56,016.58

POWER

Assumptions/Comments:



Commercial Service could be Delayed

Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 . UNDERGROUND SERVICE - COMMERCIAL	46.24	AC	\$3,150.00	\$145,656.00

Estimated Construction Costs: \$145,656.00

Estimated Soft Costs

15.00% Engineering Design and	\$21,848.40
5.00% Legal:	\$7,282.80
5.00% Fiscal:	\$8,739.36
7.00% Interest:	\$9,635.14
9 Duration (Months)	

Total Estimated Soft Costs: 33% \$47,505.70

Total Estimated Costs: \$193,161.70

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).

Bp

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 .	DECORATIVE STREET LIGHTS	9	EA	2,050.00	\$18,541.11

Estimated Construction Costs: \$18,541.11

Estimated Soft Costs


0.00% Engineering Design and \$0.00
5.00% Legal: \$927.06
5.00% Fiscal: \$973.41
7.00% Interest: \$715.46
6 Duration (Months)

Total Estimated Soft Costs: 14% \$2,615.92

Total Estimated Costs: \$21,157.03

Bq

CIVIL DEFENSE SIREN

Assumptions/Comments:
 all in phase I

	Bid Item Description	Approximate Quantity	Unit	Unit Price	Total
1 .	Civil Defense Siren	0	LS	\$30,000.00	\$0.00

Estimated Construction Costs: \$0.00

Estimated Soft Costs

Engineering Design and	
25.00% Construction Administration:	\$0.00
5.00% Legal:	\$0.00
5.00% Fiscal:	\$0.00
7.00% Interest:	\$0.00
6 Duration (Months)	

Total Estimated Soft Costs: 0% \$0.00

Total Estimated Costs: \$0.00

Plan Review Fee

Assumptions/Comments:



	Bid Item Description	Construction Cost	Plan Review Fee	Total
1.	SANITARY SEWER - INTERIOR	\$371,119.05	1.00%	\$3,711.19
2.	SANITARY SEWER - OUTFALL	\$0.00	1.00%	\$0.00
3.	STORM SEWER	\$295,858.91	1.00%	\$2,958.59
4.	PAVING MINOR	\$717,018.38	1.00%	\$7,170.18
5.			1.00%	\$0.00
6.			1.00%	\$0.00
7.	SIDEWALKS	\$19,746.65	1.00%	\$197.47
8.			1.00%	\$0.00
9.	WATER INTERIOR	\$459,879.25	1.00%	\$4,598.79

Estimated Construction Costs: \$18,636.22

Estimated Soft Costs

5.00% Fiscal: \$931.81
 7.00% Interest: \$1,369.76
 12 Duration (Months)

Total Estimated Soft Costs: 12% \$2,301.57

Total Estimated Costs: \$20,937.80