FILED SARPY COUNTY NEBRASKA INSTRUMENT NUMBER



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Deb Houghtaling

COUNTY CLERK/REGISTER OF DEEDS

By: lam



AMD

(Space above line for recording information)

SECOND AMENDMENT TO PIONEER VIEW SUBDIVISION AGREEMENT

RECITALS

DEVELOPER, DISTRICT, and CITY entered into the Original Subdivision Agreement with respect to Lots 1 through 130, inclusive, and Outlots A through D (collectively, "Phase 1") of the phased development to be known, inclusive of all phases, as Pioneer View ("Pioneer View"); and

DEVELOPER, DISTRICT, and CITY entered into the First Amendment to incorporate Lots 131 through 232, inclusive, and Outlots E through N, inclusive, Pioneer View (collectively, "Phase 2"); and

DEVELOPER and DISTRICT wish to replace Exhibit C-1, which identifies the storm sewer improvements for Phase 2, to identify the culvert improvements necessary for Alexandra Road to connect from Pioneer View to Eagle View; and

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

NOW, THEREFORE, IT IS MUTUALLY AGREED AS FOLLOWS:

- 1. <u>Incorporation of Recitals</u>. The recitals set forth above are, by this reference, incorporated into and deemed part of the Agreement as modified or amended by this Second Amendment.
- 2. <u>Capitalized Terms</u>. All capitalized terms not otherwise defined herein shall have the respective meanings ascribed to them as set forth in the Agreement.
- 3. Area of Application. The Second Amendment applies to Lots 1 232 and Outlots A N, Pioneer View (collectively, "Phases 1 and 2").
- 4. Amendments. The Original Subdivision Agreement terms are hereby amended as follows:
 - A. Section 10(S) is hereby rescinded in its entirety and replaced with amended language to read as follows:

Third Lane for 66th Street. DEVELOPER and DISTRICT, as applicable, shall cause the construction and installation of the third lane of 66th Street, as shown in Exhibit C-2, and all corresponding improvements to occur in conjunction with the construction of the intersection of 66th Street and Giles Road; provided, however, that CITY may require DISTRICT to install the third lane for 66th Street in advance of the construction of such intersection upon CITY's determination that DISTRICT is fiscally able to construct of the third lane. DEVELOPER and DISTRICT shall have no obligation to cause or financially contribute to the construction of the intersection of 66th Street and Giles Road as such intersection improvement is anticipated to be performed and financed by Sanitary and Improvement District No. 286 in coordination with any governmental body with jurisdiction over such intersection.

- 5. Exhibit Modifications. The Agreement exhibits are hereby modified as follows:
 - A. Exhibit "C-1", and all references thereto, are hereby rescinded in their entirety and replaced with the attached Exhibit "C-2".
 - B. Exhibit "G-1", and all references thereto, are hereby rescinded in their entirety and replaced with the attached Exhibit "G-2".
- 6. <u>Incorporation of Exhibit Modifications</u>. Exhibit "C-2" and Exhibit "G-2" are hereby incorporated into the Agreement by this reference.
- 7. <u>No Other Amendment</u>. Except as specifically modified or amended by this Second Amendment, the Agreement shall remain in full force and effect.
- 8. <u>Binding Effect</u>. This Second Amendment shall be binding upon the Parties hereto, their respective successors, and assigns.

(Signatures on following pages.)

ATTEST:

THE CITY OF PAPILLION, NEBRASKA

Nicole L. Brown, City Clerk

David P. Black, Mayor

SEAL:

SANITARY AND IMPROVEMENT DISTRICT NO. 305 OF SARPY COUNTY, NEBRASKA

By Michael F. Rogers, Chairman

STATE OF NEBRASKA)

COUNTY OF DOUGLAS

SS.

Before me, a notary public, in and for said county and state, personally came Michael F. Rogers, Chairman of Sanitary and Improvement District No. 305 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 12th day of May, 2020

GENERAL NOTARY - State of Nebraska JANETT D. WIST My Comm. Exp. May 22, 2021

Notary Public

DEVELOPER:

MBR Development, LLC, a Nebraska limited liability company

STATE OF NEBRASKA COUNTY OF DOUGLAS

Before me, a notary public, in and for said county and state, personally came Michael F. Rogers, Manager of MBR Development, LLC, a Nebraska limited liability company, known to me to be the identical person who executed the above instrument and acknowledged the execution thereof be his voluntary act and deed on behalf of such limited liability company.

Witness my hand and Notarial Seal this 27 day of May, 2020.

GENERAL NOTARY - State of Nebraska

GENERAL NOTARY - State of Nebraska JANETT D. WIST My Comm. Exp. May 22, 2021

SS.

SUBDIVISION AGREEMENT AMENDMENT TABLE OF CONTENTS

INTRODUCTION STATEMENT

RECITALS

| SECTION | Ţ | Incorporation of Recitals |
|---------|---|--|
| | 2 | Capitalized Terms |
| | 3 | Area of Application |
| | 4 | Amendments |
| | 5 | Exhibit Modifications |
| | 6 | Incorporation of Exhibit Modifications |
| | 7 | No Other Amendment |
| | 8 | Binding Effect |

EXHIBITS:

C-2 Streets and Storm Sewers G-2 Source and Use of Funds

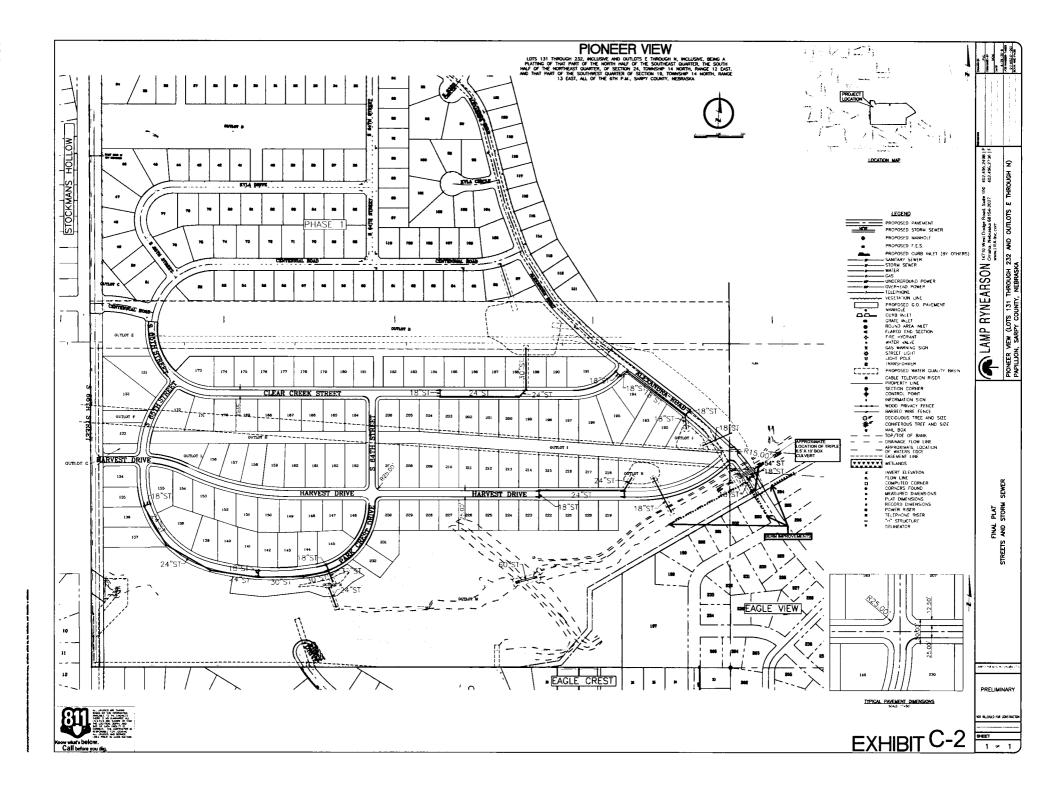


Exhibit G-2

Development Cost Estimate

PIONEER VIEW PHASE 1 IMPROVEMENTS 0114052.11-003 SID No. 305 7/2/2019

ORDER OF MAGNITUDE COST ESTIMATE

| Proposed Improvement | Quantity | Unit | Construction Cost | Total Cost | General | Special | Reimbursable |
|---|----------|------|-------------------|----------------|--------------|----------------|---------------|
| Troposed improvement | Quantity | | | Total Cost | Obligation | Special | Keilibursable |
| SANITARY SEWER | | | | | | | |
| Interior | 5232 | LF | \$599,313.50 | \$848,343.28 | \$41,039.40 | \$807,303.88 | \$0.00 |
| STORM SEWER | 2539 | LF | \$363,364,52 | \$540,158.35 | \$533,560.60 | \$6,597.75 | \$0.00 |
| | | | | | | | |
| Minor | 24171 | SY | \$1,119,747.42 | \$1,484,322.48 | \$460,339.37 | \$1,023,983.12 | \$0.00 |
| ² Major | 0 | SY | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| ⁴ Settlers Creek Reimbursement | 0 | LS | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| ³ SIDEWALKS | o | SF | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| ⁵ Regulatory Signage | 0 | LS | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| PARKS | | | | | | | |
| 1 Acquisition | 3.73 | AC | \$58,200.00 | \$66,700.00 | \$66,700.00 | \$0.00 | \$0.00 |
| ² Improvements | 0 | SF | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | | | | | | | |
| Interior | 8500 | LF | \$424,961.47 | \$561,275.52 | \$157,817.38 | \$403,458.14 | \$0.00 |
| Off-Site | 0 | LF | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| | 130 | Lots | \$297,050.00 | \$360,109.38 | \$180,054.69 | \$180,054.69 | \$0.00 |
| | 14.80 | AC | \$94,498.00 | \$114,558.56 | \$57,279.28 | \$57,279.28 | \$0.00 |
| POWER | 130 | Lots | \$175,500.00 | \$224,899.45 | \$0.00 | \$224,899.45 | \$0.00 |
| UTILITY RELOCATION | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| PLAN REVIEW FEE | 1 | % | \$24,669.08 | \$28,412.15 | \$28,412.15 | \$0.00 | \$0.00 |
| | | | | | | | |

¹INDICATES FUTURE ESTIMATED COST.

⁵WORK COMPLETED THROUGH GENERAL FUND

| Total | \$3,157,303.99 | \$4,228,779.17 \$1,525,202.86 | \$2,703,576.31 \$0.00 |
|--------------------------------------|----------------|-------------------------------|-------------------------------|
| Raw Specials Per Lot | \$20,796.74 | \$1,974,100.00 | Max GO debt per sub agreement |
| Extra Specials Per Lot Due to GO Cap | \$0.00 | -\$448,897.14 | Excess GO |
| Total Specials Per Lot with GO Cap | \$20,796.74 | | |

4/10/2020 4:38 PM Page 2 of 22 ESTIMATE 0114052 Phase 1.xlsx

² WORK THAT IS INLCUDED IN PHASE 2

³ WORK THAT WAS INCLUDED IN THE PAVING PROJECT

 $^{^{}f 4}$ AGREEMENT. WITH SETTLERS CREEK TO WAIVE REIMBURSEMENT IN LIEU OF TRAIL CONSTRUCTION IN PHASE 2

DEBT RATIO

| ASSUMPTIONS | • | | | | |
|---|----------------|---------|-------------------|---|-----------------|
| Average market Value Per Residential Home (Land Value Only) | = \$68,000.00 | | | | |
| Average Market Value Per Residential Lot (Improvement Only) | = \$300,000.00 | | | | |
| Commercial Land Value per square foot | = | | | | |
| Commercial Building Value per square foot | = | | | | |
| Apartment Land per square foot | = | | | | |
| Apartment Building per square foot | = | | | | |
| ASSESSABLE VALUATION | | | | | |
| Residential Lot | 130 | Units = | \$68,000.00 | = | \$8,840,000.00 |
| Residential Improvements | 130 | Units = | \$300,000.00 | = | \$39,000,000.00 |
| Commercial Land | | AC = | \$0.00 | = | \$0.00 |
| Commercial Building | | SF = | \$0.00 | = | \$0.00 |
| Apartment Land | | AC = | \$0.00 | = | \$0.00 |
| Apartment Building | | Units = | \$0.00 | = | \$0.00 |
| | | Tota | ıl 100% Valuation | = | \$47,840,000.00 |
| | | To | tal 95% Valuation | = | \$45,448,000.00 |

DEBT RATIO = 3.36%

\$848,343.28

SANITARY SEWER - INTERIOR



Assumptions/Comments:

Assumes 6" services average 35' per lot.
Assumes 6" connection to 12" existing pipe is 3 X price of 8x6 wye.
UPDATED BASED ON BIDS

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|-----|--|-----------------------------|-------------|---------------------|------------------|
| 1. | CLEARING AND GRUBBING GENERAL | 1 | LS | \$3,450,00 | \$3,450.0 |
| 2. | CONSTRUCT 6" SANITARY SEWER PIPE | 4,500 | LF | \$23,85 | \$107,325,0 |
| 3. | CONSTRUCT 8" SANITARY SEWER PIPE | 5,232 | LF | \$24.75 | \$129,492,0 |
| 4. | CONSTRUCT 12" X 6" WYE ON EXISTING 12" SANITARY SEWER | 20 | EA | \$1,185.00 | \$23,700.0 |
| 5. | CONSTRUCT 54" I.D. SANITARY MANHOLE (23 EA) | 273 | VF | \$374.00 | \$102,102,0 |
| 6. | ADJUST EXISTING MANHOLE TO GRADE (10 EA) | 79 | VF | \$340,00 | \$26,860,0 |
| 7. | CONSTRUCT 8" DIAMETER DROP CONNECTION (2 EA) | 10 | VF | \$165.00 | \$1,650. |
| 8. | CONSTRUCT 8" X 6" WYE | 80 | EA | \$98.00 | \$7,840.0 |
| | CONSTRUCT 54" I.D. SANITARY MANHOLE OVER EXISTING SANITARY | | | | |
| 9. | PIPE (2 EA) | 43 | VF | \$486.00 | \$20,898.0 |
| 0. | CONSTRUCT 6" MANHOLE STUBOUT | 30 | EA | \$55,00 | \$1,650, |
| 1. | CONSTRUCT 6" SANITARY SERVICE RISER (2 EA) | 8 | VF | \$85.00 | \$680. |
| 2 . | CONSTRUCT 6" CONNECTION TO EXISTING MANHOLE | 4 | EA | \$950.00 | \$3,800, |
| 3 . | CONSTRUCT 8" CONNECTION TO EXISTING MANHOLE | 1 | EA | \$1,150.00 | \$1,150, |
| 4. | CONSTRUCT 6" PIPE BEDDING | 4,500 | LF | \$5.50 | \$24,750. |
| 5. | CONSTRUCT 8" PIPE BEDDING | 4,420 | LF | \$5.75 | \$25,415. |
| 6. | STABILIZATION TRENCH W/ CRUSHED LIMESTONE | 15 | TN | \$28.00 | \$420. |
| 7. | CLEANOUT SILT BASIN | 7,219 | CY | \$4,50 | \$32,485, |
| 8. | CLEANOUT SILT FENCE | 0 | LF. | \$0.75 | \$0. |
| 9. | CONSTRUCT SILT FENCE | 0 | LF | \$2.50 | \$0. |
| • . | CHANGE ORDER #1 | · · | _, | Ψ2.55 | Ψ0. |
| . 0 | CONSTRUCT 4" PERFORATED DRAIN TILE PIPE WITH STOCK | 893 | LF | \$8.85 | \$7,903. |
| 1 . | CONSTRUCT 4" NON-PERFORATED DRAIN TILE PIPE | 943 | LF | \$ 16.70 | \$15.748. |
| 2 . | FILTER FABRIC | 595 | SY | \$4.00 | \$2,380. |
| 3. | CONSTRUCT 8" MODIFIED PIPE BEDDING (1-1/2" CLEAN CRUSHED ROCK) | 893 | LF | \$12.45 | \$11,117. |
| 4 . | 3" CLEAN CRUSHED ROCK | 420 | TN | \$34.00 | \$14,280. |
| 5 . | "GRIZZLY" BACKFILL MATERIAL | 0 | TN | \$13.00 | \$0. |
| | CHANGE ORDER #2 | - | | \$10.00 | Ψ0. |
| 6 . | CENTENNIAL ROAD EARTHWORK (OVER EXCAVATION) | 3,502 | CY | \$3,50 | \$12,257, |
| 7 . | CENTENNIAL ROAD EARTHWORK (ON-SITE BACKFILL) | 5,000 | CY | \$2.88 | \$14,400. |
| 8. | BORE 6" SANITARY SEWER SERVICE | 140 | LF | \$54.00 | \$7,560. |
| · · | BOKE O GAMINAKI GEWEK GEKNIGE | 140 | 1 .1 | 404.00 | \$1,000 . |
| | Es | timated Construction Costs: | | | \$599,313. |
| | | ! | Estimate | d Soft Costs | |
| | | ı | Engineerir | ng Design and | |
| | | | - | ion Administration: | \$70,660. |
| | | | | cal and Testing: | \$25,775. |
| | | | _egal: | • | \$29,968. |
| | | | Fiscal: | | \$31,506. |
| | | | nterest: | | \$91,118. |
| | | ı | Duration (| Months) | · · · · · · |
| | | | , | • | |

Total Estimated Costs:

SANITARY SEWER - INTERIOR G.O.

Assumptions/Comments:

Assumes 1/2 sanitary pipe and 1/2 MH vertical feet next to parks is GO (ORIGINAL). UPDATED BASED ON BIDS $\,$

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|-----|--|---------------------------------------|---------------------|--|---------------------|
| 1. | CLEARING AND GRUBBING GENERAL | 0 | LS | \$3,450.00 | \$0.0 |
| 2. | CONSTRUCT 6" SANITARY SEWER PIPE | 0 | LF | \$23.85 | \$0.0 |
| 3. | CONSTRUCT 8" SANITARY SEWER PIPE | 137 | LF | \$24.75 | \$3,390.7 |
| 4. | CONSTRUCT 12" X 6" WYE ON EXISTING 12" SANITARY SEWER | . 0 | EA | \$1,185.00 | \$0.0 |
| 5. | CONSTRUCT 54" I.D. SANITARY MANHOLE (23 EA) | 6 | VF | \$374.00 | \$2,244. |
| 6. | ADJUST EXISTING MANHOLE TO GRADE (10 EA) | 0 | VF | \$340.00 | \$0. |
| 7 . | CONSTRUCT 8" DIAMETER DROP CONNECTION (2 EA) | 0 | VF | \$165.00 | \$0. |
| В. | CONSTRUCT 8" X 6" WYE | 0 | ĒΑ | \$98.00 | \$0. |
| | CONSTRUCT 54" I.D. SANITARY MANHOLE OVER EXISTING SANITARY | | | | |
| | PIPE (2 EA) | 0 | VF | \$486.00 | \$0. |
|) , | CONSTRUCT 6" MANHOLE STUBOUT | 0 | EA | \$55.00 | \$0. |
| | CONSTRUCT 6" SANITARY SERVICE RISER (2 EA) | | VF | \$85.00 | |
| : . | CONSTRUCT 6" CONNECTION TO EXISTING MANHOLE | 0 | EA | \$950.00 | \$0. |
| | CONSTRUCT 8" CONNECTION TO EXISTING MANHOLE | 0 | EA | \$1,150.00 | \$0 |
| | CONSTRUCT 6" PIPE BEDDING | 0 | LF | \$5.50 | \$0 |
| : | CONSTRUCT 8" PIPE BEDDING | 137 | LF | \$5.75 | \$787 |
| : | STABILIZATION TRENCH W/ CRUSHED LIMESTONE | 0 | TN | \$28.00 | \$0 |
| • | CLEANOUT SILT BASIN | 3,000 | CY | \$4.50 | \$13,500 |
| | CLEANOUT SILT FENCE | 0 | LF | \$0.75 | \$0 |
| : | CONSTRUCT SILT FENCE | 0 | LF | \$2.50 | \$0. |
| | CHANGE ORDER #1 | · | | 42.00 | 40 |
| | CONSTRUCT 4" PERFORATED DRAIN TILE PIPE WITH STOCK | 95 | LF | \$8.85 | \$836 |
| | CONSTRUCT 4" NON-PERFORATED DRAIN TILE PIPE | 100 | LF | \$16.70 | \$1,667 |
| | FILTER FABRIC | 63 | SY | \$4.00 | \$252 |
| | CONSTRUCT 8" MODIFIED PIPE BEDDING (1-1/2" CLEAN CRUSHED ROCK) | 95 | LF | \$12.45 | \$1,177 |
| | 3" CLEAN CRUSHED ROCK | 44 | TN | \$34.00 | \$1,512 |
| | "GRIZZLY" BACKFILL MATERIAL | | TN | \$13.00 | \$0 |
| | CHANGE ORDER #2 | | | | |
| | CENTENNIAL ROAD EARTHWORK (OVER EXCAVATION) | 371 | CY | \$3.50 | \$1,298 |
| | CENTENNIAL ROAD EARTHWORK (ON-SITE BACKFILL) | 530 | CY | \$2.88 | \$1,524 |
| | BORE 6" SANITARY SEWER SERVICE | 15 | LF | \$54.00 | \$800 |
| | <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u> | Estimated Construction Costs: | | and the second s | \$28,992 |
| | | ! | <u>Estimate</u> | d Soft Costs | |
| | | | | | |
| | | | - | ng Design and ion Administration: | \$3,418 |
| | | | | ion Administration: ical and Testing: | \$3,410 \$1,246 |
| | | | Jeoleciii Legal: | icai anu Tesuny. | \$1,240 \$1,449 |
| | | | Legal: Fiscal: | | \$1,524 |
| | | | nterest: | | \$1,324 \$4,407 |
| | | · · · · · · · · · · · · · · · · · · · | Duration (| Months) | \$4,40 7 |
| | | Total Fatimated Cafe Coates | | | \$12,046 |
| | | Total Estimated Soft Costs: | | | \$12,040 |

STORM SEWER





Pond outlet structure in park to be constructed in Phase 2 UPDATED BASED ON BIDS

| 3. CONSTRUCT 18" R.C.P., CLASS III 244 LF \$52.30 \$15,376.25 4. CONSTRUCT 24" R.C.P., CLO, COL, SI III 244 LF \$52.30 \$15,376.25 5. CONSTRUCT 36" R.C.P., D(0,01) = 1,350 1,047 LF \$72.15 \$75,541.05 6. CONSTRUCT 36" R.C.P., D(0,01) = 1,350 179 LF \$15.05 \$25,586.56 7. CONSTRUCT 36" R.C.P., D(0,01) = 1,350 179 LF \$143.50 \$25,586.56 8. CONSTRUCT 36" R.C.P., D(0,01) = 1,350 179 LF \$143.50 \$25,586.56 9. DELETED 0 0 EA \$1,025.00 \$570.00 \$50.00 10. CONSTRUCT 56" I.D. FLATTOP MANHOLE (2 EA) 10 VF \$552.00 \$52,000.00 11. CONSTRUCT 56" I.D. FLATTOP MANHOLE (2 EA) 10 VF \$558.00 \$55,800.00 12. CONSTRUCT 56" I.D. FLATTOP MANHOLE FOR TYPE I MODIFIED CONSTRUCT 56" I.D. FLATTOP MANHOLE FOR TYPE I MODIFIED CONSTRUCT 56" I.D. FLATTOP MANHOLE FOR TYPE I MODIFIED CONSTRUCT 56" I.D. FLATTOP MANHOLE FOR TYPE I MODIFIED CONSTRUCT 56" I.D. FLATTOP MANHOLE FOR TYPE I MODIFIED CONSTRUCT 56" I.D. TYPE II AREA INLET (1 EA) 7 VF \$785.00 \$5,495.00 \$ | | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|--|-------------|--|-------------------------|-----------------|---------------|--------------|
| 2 COMMON EASTH EXCAVATION - ON SITE 3 CONSTRUCT 18" R.C. P., CLASS III 4 CONSTRUCT 18" R.C. P., CLASS III 5 CONSTRUCT 18" R.C. P., D(0.01) = 1,350 5 CONSTRUCT 18" R.C. P., D(0.01) = 1,350 6 CONSTRUCT 18" R.C. P., D(0.01) = 1,350 7 CONSTRUCT 18" R.C. P., D(0.01) = 1,350 8 CONSTRUCT 18" R.C. P., D(0.01) = 1,350 9 DELETED 0 DEL | 1. | GENERAL GRADING AND SHAPING | 1 | LS | \$1.875.00 | \$1.875.00 |
| 4. CONSTRUCT 24" R.C.P., D(0.01) = 1,350 5. CONSTRUCT 36" R.C.P., D(0.01) = 1,350 6. CONSTRUCT 36" R.C.P., D(0.01) = 1,350 7. CONSTRUCT 36" R.C.P., D(0.01) = 1,350 8. CONSTRUCT 36" R.C.P., D(0.01) = 1,350 8. CONSTRUCT 36" R.C.P., D(0.01) = 1,350 8. CONSTRUCT 36" R.C.P., D(0.01) = 1,350 9. DELETED 9. DELETED 10. CONSTRUCT 36" R.C.P., D(0.01) = 1,350 11. CONSTRUCT 36" R.D. FLATTOP MANHOLE (2 EA) 11. CONSTRUCT 36" I.D. FLATTOP MANHOLE (2 EA) 12. CONSTRUCT 36" I.D. FLATTOP MANHOLE (2 EA) 13. CONSTRUCT 36" I.D. FLATTOP MANHOLE (2 EA) 14. CONSTRUCT 36" I.D. FLATTOP MANHOLE (2 EA) 15. CONSTRUCT 36" I.D. FLATTOP MANHOLE (2 EA) 16. CONSTRUCT 36" I.D. FLATTOP MANHOLE (2 EA) 17. CONSTRUCT 36" I.D. FLATTOP MANHOLE FOR TYPE I MODIFIED 18. INLET (4 EA) 19. TO VER 372.0.0 19. T | | | | | | \$480.00 |
| 4. CONSTRUCT 24" R.C.P., D(0.01) = 1,350 5. CONSTRUCT 39" R.C.P., D(0.01) = 1,350 6. CONSTRUCT 32" R.C.P., D(0.01) = 1,350 7. CONSTRUCT 32" R.C.P., D(0.01) = 1,350 8. CONSTRUCT 13" R.C.P., D(0.01) = 1,350 8. CONSTRUCT 13" R.C.P., D(0.01) = 1,350 9. DELETED 9. DELETED 9. DELETED 10. CONSTRUCT 15" VERTICAL BEND 11. CONSTRUCT 15" VERTICAL BEND 12. CONSTRUCT 15" LEATTOP MANHOLE (2 EA) 13. CONSTRUCT 15" LEATTOP MANHOLE (2 EA) 14. VF \$585.00 \$52,800.00 15. CONSTRUCT 72" I.D. FLATTOP MANHOLE (2 EA) 15. CONSTRUCT 72" I.D. FLATTOP MANHOLE (2 EA) 16. CONSTRUCT 72" I.D. FLATTOP MANHOLE (2 EA) 17. CONSTRUCT 72" I.D. FLATTOP MANHOLE (2 EA) 18. CONSTRUCT 15" LEATTOP MANHOLE FOR TYPE I MODIFIED 19. INLET (1 EA) 19. INLET (1 EA) 19. CONSTRUCT 15" I.D. FLATTOP MANHOLE FOR TYPE I MODIFIED 19. INLET (1 EA) 19. CONSTRUCT 15" I.D. TYPE I AREA INLET (1 EA) 19. CONSTRUCT 15" I.D. TYPE II AREA INLET (1 EA) 19. CONSTRUCT 15" PIPE BEDDING 19 | 3. | CONSTRUCT 18" R.C.P., CLASS III | 446 | LF | \$37.10 | \$16,546.60 |
| 5. CONSTRUCT 39' R.C.P., D(0.01) = 1,350 CONSTRUCT 49' R.C.P., D(0.01) = 1,350 CONSTRUCT 54' I.D. FLATTOP MANHOLE (2 EA) CONSTRUCT 54' I.D. TYPE II AREA INLET (1 EA) CONSTRUCT 55' I.D. TYPE II AREA INLET (1 EA) CONSTRUCT 56' I.D. TYPE II AREA INLET (1 EA) CONSTRUCT 56' I.D. TYPE II AREA INLET (1 EA) CONSTRUCT 56' I.D. TYPE II AREA INLET (1 EA) CONSTRUCT 56' I.D. TYPE II AREA INLET (1 EA) CONSTRUCT 56' I.D. TYPE II AREA INLET (1 EA) CONSTRUCT | | | 294 | LF | \$52.30 | \$15,376.20 |
| 7. CONSTRUCT 48" R.C.P., D(a, 0) = 1,350 8. CONSTRUCT 18" R.C.P., D(a, 0) = 1,350 9. DELETED 10. CONSTRUCT 54" I.D. FLATTOP MANHOLE (2 EA) 11. CONSTRUCT 54" I.D. FLATTOP MANHOLE (2 EA) 12. CONSTRUCT 54" I.D. FLATTOP MANHOLE (2 EA) 13. INLECT 16" I.D. FLATTOP MANHOLE (2 EA) 14. VF \$720.00 15. CONSTRUCT 54" I.D. FLATTOP MANHOLE (2 EA) 15. CONSTRUCT 54" I.D. FLATTOP MANHOLE (2 EA) 16. CONSTRUCT 54" I.D. FLATTOP MANHOLE (2 EA) 17. VF \$750.00 18. INLECT 16" I.D. FLATTOP MANHOLE (2 EA) 18. INLECT 16" I.D. FLATTOP MANHOLE (2 EA) 19. CONSTRUCT 34" I.D. FLATTOP MANHOLE (2 EA) 19. CONSTRUCT 54" I.D. FLATTOP MANHOLE (2 EA) 19. CONSTRUCT 54" I.D. FLATTOP MANHOLE (2 EA) 19. CONSTRUCT 54" I.D. FLATTOP MANHOLE (2 EA) 19. CONSTRUCT 34" I.D. FLATTOP MANHOLE (2 EA) | | · · · · · · · · · · · · · · · · · · · | 1,047 | LF | | \$75,541.05 |
| 8 CONSTRUCT 18" VERTICAL BEND 9 DELETED 10 CA \$1,025.00 10. CONSTRUCT 3" LD. FLATTOP MANHOLE (2 EA) 11. CONSTRUCT 3" LD. FLATTOP MANHOLE (1 EA) 12. CONSTRUCT 3" LD. FLATTOP MANHOLE (2 EA) 13. INLET (1 EA) 14. VF \$720.00 15. CONSTRUCT 3" LD. FLATTOP MANHOLE (7 EA) 15. INLET (1 EA) 16. CONSTRUCT 3" LD. FLATTOP MANHOLE (2 EA) 17. VF \$720.00 18. INLET (1 EA) 18. INLET (1 EA) 19. TVF BENDONS 19. CONSTRUCT 3" LD. FLATTOP MANHOLE FOR TYPE I MODIFIED 19. CONSTRUCT 3" LD. FLATTOP MANHOLE FOR TYPE I MODIFIED 19. CONSTRUCT 3" LD. FLATTOP MANHOLE FOR TYPE I MODIFIED 19. CONSTRUCT 3" END EBEDDING 19. END | 6. | CONSTRUCT 42" R.C.P., D(0.01) = 1,350 | 573 | LF | \$105.30 | \$60,336.90 |
| 8 . CONSTRUCT 18" VERTICAL BEND 9 . DELETED 10 . EA \$1,025.00 \$0.00 11. CONSTRUCT 5" LD. FLATTOP MANHOLE (1EA) 11. CONSTRUCT 5" LD. FLATTOP MANHOLE (1EA) 12. CONSTRUCT 5" LD. FLATTOP MANHOLE (1EA) 13. INLET (1EA) 14. VF \$528.00 \$5,280.00 \$5,280.00 CONSTRUCT 72" LD. FLATTOP MANHOLE (1EA) 15. CONSTRUCT 5" LD. FLATTOP MANHOLE FOR TYPE I MODIFIED 16. CONSTRUCT 5" LD. FLATTOP MANHOLE FOR TYPE I MODIFIED 17. INLET (1EA) 18. CONSTRUCT 5" LD. FLATTOP MANHOLE FOR TYPE I MODIFIED 18. INLET (1EA) 19. CONSTRUCT 18" PIPE BEDDING 19. CONSTRUCT 18" PIPE BEDDING 19. CONSTRUCT 36" PIPE BEDDING 19. | 7. | CONSTRUCT 48" R.C.P., D(0.01) = 1,350 | 179 | LF | \$143.50 | \$25,686.50 |
| CONSTRUCT 54" ID. FLATTOP MANHOLE (2 EA) | | CONSTRUCT 18" VERTICAL BEND | 1 | EA | \$675.00 | \$675.00 |
| CONSTRUCT 80" LD. FLATTOP MANHOLIE (TEA) 10 VF \$585.00 \$5.850.00 | 9. | DELETED | 0 | EA | \$1,025.00 | \$0.00 |
| 11 | 10 . | CONSTRUCT 54" I.D. FLATTOP MANHOLE (2 EA) | 10 | VF | \$529.00 | \$5,290.00 |
| CONSTRUCT 8" ID. FLATTOP MANHOLE FOR TYPE I MODIFIED 13 | 11 . | | 10 | VF | \$585.00 | \$5,850.00 |
| INLET (1 EA) | 12 . | CONSTRUCT 72" I.D. FLATTOP MANHOLE (2 EA) | 14 | VF | \$720.00 | \$10,080.00 |
| CONSTRUCT 16" I.D. TYPE II AREA INLET (1 EA) 7 VF \$420.00 \$2,940.00 | | CONSTRUCT 84" I.D. FLATTOP MANHOLE FOR TYPE I MODIFIED | | | | |
| CONSTRUCT 18" PIPE BEDDING | 13 . | INLET (1 EA) | 7 | VF | \$785.00 | \$5,495.00 |
| CONSTRUCT 24" PIPE BEDDING | 14. | CONSTRUCT 54" I.D. TYPE II AREA INLET (1 EA) | 7 | VF | \$420.00 | \$2,940.00 |
| 1,047 LF \$12.40 \$12.982.86 | 15 . | CONSTRUCT 18" PIPE BEDDING | 446 | LF | \$5.50 | \$2,453.00 |
| 18 | 16 . | CONSTRUCT 24" PIPE BEDDING | 294 | LF | \$6.50 | \$1,911.00 |
| 19 | 17. | CONSTRUCT 36" PIPE BEDDING | 1,047 | LF | \$12.40 | \$12,982.80 |
| 20 | 18 . | CONSTRUCT 42" PIPE BEDDING | 573 | LF | \$15.90 | \$9,110.70 |
| 21 | 19. | CONSTRUCT 48" PIPE BEDDING | 179 | LF | \$18.90 | \$3,383.10 |
| 22 CONSTRUCT 48" R.C. FLARED END SECTION WIBAR GRATE 1 EA \$4,750.00 \$4,750.00 \$3,600.00 \$3 | 20 . | CONSTRUCT 18" R.C. FLARED END SECTION W/BAR GRATE | 1 | EA | \$2,000.00 | \$2,000.00 |
| 23 CONSTRUCT TEMPORARY 24" HDPE INLET DIVERSION 4 EA \$900.00 \$3,600.00 24 CONSTRUCT ROCK RIP-RAP - TYPE "A" 120 TN \$55.00 \$4,600.00 25 CONSTRUCT ROCK RIP-RAP - TYPE "B" 77 TN \$55.00 \$4,235.00 26 STABILIZE TRENCH W/ CRUSHED LIMESTONE 63 TN \$24.00 \$1,512.00 27 STABILIZE TRENCH W/ TYPE "A" RIP-RAP 0 TN \$55.00 \$0.00 28 ROLLED EROSION CONTROL, TYPE II 0 SY \$1.75 \$0.00 29 SEEDING - TYPE "TEMPORARY SEED MIX" 0 AC \$465.00 \$0.00 30 REIMBURSEMENT FOR RISTING SILT BASIN STORM SEWER 1 LS \$74,970.00 \$74,970.00 31 CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION 1 LS \$7,500.00 \$7,500.00 44 FAILED TESTS 5 5 5 Estimated Construction Costs: \$363,364.52 Estimated Soft Costs 57,500.00 \$75,637.01 Geotechnical and Testing: \$5,466.50 Engineering Design and Construction Administration: \$75,637.01 Geotechnical and Testing: \$5,466.50 Engineering Design and Construction Administration: \$75,637.01 Geotechnical and Testing: \$5,466.50 Engineering Design and Construction Administration: \$75,637.01 Geotechnical and Testing: \$5,466.50 Engineering Design and Construction (Months) \$1,770,18 Fiscal: \$20,059.61 Interest: \$27,059.61 Interest: \$57,460.50 Duration (Months) \$1,770,18 Estimated Soft Costs \$176,793.85 Engineering Design and Construction (Months) \$1,770,18 Estimated Soft Costs \$1,770,18 Estimated Soft Cost | 21 . | CONSTRUCT 24" R.C. FLARED END SECTION W/BAR GRATE | 1 | EA | \$2,600.00 | \$2,600.00 |
| 24 | 22 . | CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE | 1 | EA | \$4,750.00 | \$4,750.00 |
| 25 | 23 . | CONSTRUCT TEMPORARY 24" HDPE INLET DIVERSION | 4 | EA | \$900.00 | \$3,600.00 |
| 26 . STABILIZE TRENCH W/ CRUSHED LIMESTONE 63 TN \$24.00 \$1,512.00 27 . STABILIZE TRENCH W/TYPE "A" RIP-RAP 0 TN \$55.00 \$0.00 28 . ROLLED EROSION CONTROL, TYPE II 0 SY \$1.75 \$0.00 29 . SEEDING - TYPE "TEMPORARY SEED MIX" 0 AC \$465.00 \$74,970.00 30 . REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 1 LS \$74,970.00 \$74,970.00 31 . CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION 1 LS \$75,500.00 \$7,500.00 FAILED TESTS Estimated Construction Costs: \$363,364.52 Engineering Design and Construction Administration: \$75,637.01 Geotechnical and Testing: \$5,466.50 Legal: \$18,170.16 Fiscal: \$20,059.61 Interest: \$20,059.61 Interest: \$57,460.50 Duration (Months) Total Estimated Soft Costs: \$176,793.83 | 24 . | CONSTRUCT ROCK RIP-RAP - TYPE "A" | 120 | TN | \$55.00 | \$6,600.00 |
| STABILIZE TRENCH W/ TYPE "A" RIP-RAP | 25 . | CONSTRUCT ROCK RIP-RAP - TYPE "B" | 77 | TN | \$55.00 | \$4,235.00 |
| 28 . ROLLED EROSION CONTROL, TYPE II 29 . SEEDING - TYPE "TEMPORARY SEED MIX" 30 . REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 31 . CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION 31 . CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION 4 | 26 . | STABILIZE TRENCH W/ CRUSHED LIMESTONE | 63 | TN | \$24.00 | \$1,512.00 |
| 29 . SEEDING - TYPE "TEMPORARY SEED MIX" 30 . REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 31 . CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION 4 | 27 . | | 0 | | \$55.00 | \$0.00 |
| 30 . REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 1 LS \$74,970.00 \$74,970.00 \$7,500.00 \$7,5 | 28 . | | - | - | \$1.75 | \$0.00 |
| 31. CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION 1 LS \$7,500.00 \$ | 29 . | | 0 | | | \$0.00 |
| ### Estimated Construction Costs: \$363,364.52 #### Estimated Soft Costs ################################## | 30 . | | 1 | | \$74,970.00 | \$74,970.00 |
| Estimated Construction Costs: \$363,364.52 Engineering Design and Construction Administration: \$75,637.01 Geotechnical and Testing: \$5,466.50 Legal: \$18,170.15 Fiscal: \$20,059.67 Interest: \$57,460.50 Duration (Months) Total Estimated Soft Costs: \$176,793.83 | 31 . | | | | | |
| Estimated Soft Costs Engineering Design and Construction Administration: \$75,637.01 Geotechnical and Testing: \$5,466.50 Legal: \$18,170.15 Fiscal: \$20,059.67 Interest: \$57,460.50 Duration (Months) Total Estimated Soft Costs: \$176,793.83 | | FAILED TESTS | 1 | LS | -\$415.33 | -\$415.33 |
| Engineering Design and Construction Administration: \$75,637.01 Geotechnical and Testing: \$5,466.50 Legal: \$18,170.15 Fiscal: \$20,059.67 Interest: \$57,460.50 Duration (Months) Total Estimated Soft Costs: \$176,793.83 | | | Estimated Construction | Costs: | | \$363,364.52 |
| Construction Administration: \$75,637.01 Geotechnical and Testing: \$5,466.50 Legal: \$18,170.16 Fiscal: \$20,059.67 Interest: \$57,460.50 Duration (Months) Total Estimated Soft Costs: \$176,793.83 | | | | <u>Estimate</u> | d Soft Costs | |
| Construction Administration: \$75,637.01 Geotechnical and Testing: \$5,466.50 Legal: \$18,170.16 Fiscal: \$20,059.67 Interest: \$57,460.50 Duration (Months) Total Estimated Soft Costs: \$176,793.83 | | | | Engineeri | ng Design and | |
| Legal: \$18,170.15 Fiscal: \$20,059.67 Interest: \$57,460.50 Duration (Months) Total Estimated Soft Costs: \$176,793.83 | | | | | | \$75,637.01 |
| Legal: \$18,170.15 Fiscal: \$20,059.67 Interest: \$57,460.50 Duration (Months) Total Estimated Soft Costs: \$176,793.83 | | | | | | \$5,466.50 |
| Fiscal: \$20,059.67 Interest: \$57,460.50 Duration (Months) | | | | | _ | \$18,170.15 |
| Total Estimated Soft Costs: \$176,793.83 | | | | Fiscal: | | \$20,059.67 |
| Total Estimated Soft Costs: \$176,793.83 | | | | | Months) | \$57,460.50 |
| | | | Total Estimated Soft Co | • | montas | \$176,793.83 |
| | | | | | | |

STORM SEWER G.O.



Storm sewer over 48" must be special . Extra cost is special. UPDATED BASED ON BIDS

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|-------------|---|----------------------|------|-------------|-------------|
| 1. | GENERAL GRADING AND SHAPING | 1 | LS | \$1,875.00 | \$1,875.00 |
| 2. | COMMON EARTH EXCAVATION - ON SITE | 120 | CY | \$4.00 | \$480.00 |
| 3. | CONSTRUCT 18" R.C.P., CLASS III | 446 | LF | \$37.10 | \$16,546.60 |
| 4. | CONSTRUCT 24" R.C.P., CLASS III | 294 | LF | \$52.30 | \$15,376,20 |
| 5. | CONSTRUCT 36" R.C.P., D(0.01) = 1,350 | 1047 | LF | \$72.15 | \$75,541.05 |
| 6. | CONSTRUCT 42" R.C.P., D(0.01) = 1,350 | 573 | LF | \$105.30 | \$60,336.90 |
| 7. | CONSTRUCT 48" R.C.P., D(0.01) = 1,350 | 179 | LF | \$143.50 | \$25,686.50 |
| 8. | CONSTRUCT 18" VERTICAL BEND | 1 | EA | \$675.00 | \$675.00 |
| 9. | DELETED | 0 | ËΑ | \$1,025.00 | \$0.00 |
| 10. | CONSTRUCT 54" I.D. FLATTOP MANHOLE (2 EA) | 10 | VF | \$529.00 | \$5,290.00 |
| 11 . | CONSTRUCT 60" I.D. FLATTOP MANHOLE (1EA) | 10 | VF | \$585.00 | \$5,850.00 |
| 12 . | CONSTRUCT 72" I.D. FLATTOP MANHOLE (2 EA) CONSTRUCT 84" I.D. FLATTOP MANHOLE FOR TYPE I MODIFIED INLET (1 | 14 | VF | \$720.00 | \$10,080.00 |
| 13. | EA) | 7 | VF | \$785.00 | \$5,495.00 |
| 14. | CONSTRUCT 54" I.D. TYPE II AREA INLET (1 EA) | 7 | VF | \$420.00 | \$2,940.00 |
| 15. | CONSTRUCT 18" PIPE BEDDING | 446 | LF | \$5.50 | \$2,453,00 |
| 16. | CONSTRUCT 24" PIPE BEDDING | 294 | LF | \$6.50 | \$1,911.00 |
| 17. | CONSTRUCT 36" PIPE BEDDING | 1047 | LF | \$12.40 | \$12,982.80 |
| 18 . | CONSTRUCT 42" PIPE BEDDING | 573 | LF | \$15.90 | \$9,110.70 |
| 19. | CONSTRUCT 48" PIPE BEDDING | 179 | LF | \$18.90 | \$3,383.10 |
| 20 . | CONSTRUCT 18" R.C. FLARED END SECTION W/BAR GRATE | 1 | EA | \$2,000.00 | \$2,000.00 |
| 21 . | CONSTRUCT 24" R.C. FLARED END SECTION W/BAR GRATE | 1 | EA | \$2,600.00 | \$2,600.00 |
| 22 . | CONSTRUCT 48" R.C. FLARED END SECTION W/BAR GRATE | 1 | EA | \$4,750.00 | \$4,750.00 |
| 23 . | CONSTRUCT TEMPORARY 24" HDPE INLET DIVERSION | 4 | EA | \$900.00 | \$3,600.00 |
| 24 . | CONSTRUCT ROCK RIP-RAP - TYPE "A" | 120 | TN | \$55.00 | \$6,600.00 |
| 25 . | CONSTRUCT ROCK RIP-RAP - TYPE "B" | 77 | TN | \$55.00 | \$4,235.00 |
| 26 . | STABILIZE TRENCH W/ CRUSHED LIMESTONE | 63 | TN | \$24,00 | \$1,512.00 |
| 27 . | STABILIZE TRENCH W/ TYPE "A" RIP-RAP | 0 | TN | \$55.00 | \$0.00 |
| 28 . | ROLLED EROSION CONTROL, TYPE II | 0 | SY | \$1.75 | \$0.00 |
| 29 . | SEEDING - TYPE "TEMPORARY SEED MIX" | 0 | AC | \$465.00 | \$0.00 |
| 30 . | REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER | 1 | LS | \$74,970.00 | \$74,970.00 |
| 31. | CONTRACTOR FEE FOR REIMBURSEMENT COORDINATION | 1 | LS | \$7,500.00 | \$7,500.00 |
| | FAILED TESTS | 1 | LS | -\$415,33 | -\$415.33 |
| | | 0% | | \$0.00 | \$0.00 |

| | 1 LS | \$74,970.00 | \$74,970.00 |
|------------------------|---------------|-----------------------|--------------|
| | 1 LS | \$7,500.00 | \$7,500.00 |
| | 1 LS | -\$415,33 | -\$415.33 |
| | 0% | \$0.00 | \$0.00 |
| Estimated Construction | on Costs: | | \$363,364.52 |
| | <u>Estima</u> | ted Soft Costs | |
| | Enginee | ring Design and | |
| | Constru | ction Administration: | \$69,039.26 |
| | Geotech | nical and Testing: | \$5,466.50 |
| | Legal: | | \$18,170.15 |
| | Fiscal: | | \$20,059.67 |
| | Interest | : | \$57,460.50 |
| | Duratio | n (Months) | |
| Total Estimated Soft (| Costs: | | \$170,196.08 |
| Total Estimated Costs | :: | | \$533,560.60 |

PAVING MINOR

Assumptions/Comments:



Assumes connections to surrounding neighborhoods will be with tie bars . Erosion control quantities are assumed.
Assume 70 LF of white tape for stop bars and cross walks at entrances.
UPDATED BASED ON BIDS

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|------|--|----------------------|------|------------|-------------|
| 1. | REMOVE CURB AND GUTTER | 110 | LF | \$6,00 | \$660.00 |
| 2. | REMOVE CONCRETE HEADER | 75 | LF | \$5.00 | \$375.00 |
| 3. | REMOVE END OF STREET BARRICADE | 3 | EA | \$102,00 | \$306,00 |
| 4. | SAW-CUT PAVEMENT | 313 | LF | \$4.75 | \$1,486.7 |
| 5. | COMMON EARTH EXCAVATION | 8,123 | CY | \$3.50 | \$28,430.5 |
| 6. | 7" CONCRETE PAVEMENT - TYPE L65 | 24,171 | SY | \$34,25 | \$827,856,7 |
| 7. | 9" CONCRETE PAVEMENT - TYPE L65 | 367 | SY | \$57.00 | \$20,919.00 |
| 8. | CONSTRUCT CONCRETE HEADER | 50 | LF | \$9.50 | \$475.00 |
| 9. | CONSTRUCT 5" CONCRETE SIDEWALK | 6,600 | SF | \$4.50 | \$29,700.0 |
| 10 . | SUBGRADE PREPARATION SIDEWALK | 782 | SY | \$7.00 | \$5,474.0 |
| 11 . | CONSTRUCT CONCRETE CURB RAMP | 432 | SF | \$30.00 | \$12,960.0 |
| 12 . | CONSTRUCT BARRICADE | 3 | EA | \$390,00 | \$1,170.0 |
| 13 . | ADJUST MANHOLE TO GRADE | 40 | EA | \$250.00 | \$10,000.0 |
| 14 . | EXTERNAL FRAME SEAL | 40 | EA | \$425.00 | \$17,000.0 |
| 15 . | CONSTRUCT CURB INLET | 18 | EA | \$3,450.00 | \$62,100.0 |
| 16. | DRILL AND EPOXY 1" x 18" DOWEL BARS AT 12" CENTERS | 9 | EA | \$14.00 | \$126.0 |
| 17. | CONSTRUCT MODIFIED CURB INLET | 1 | EA | \$3,579.50 | \$3,579.5 |
| 18 . | CURB INLET PROTECTION | 19 | EA | \$190.00 | \$3,610.0 |
| 19. | CONSTRUCT SILT FENCE | 0 | LF | \$4.00 | \$0.0 |
| 20 . | CLEANOUT SILT BASIN | 0 | CY | \$5.00 | \$0.0 |
| 21 . | CLEANOUT SILT FENCE | 0 | LF | \$1.00 | \$0.0 |
| 22 . | REMOVE SILT FENCE | 0 | LF | \$1.00 | \$0.0 |
| 23 . | SEEDING - TYPE TEMPORARY SEED MIX | 0 | AC | \$1,190.00 | \$0.0 |
| 24 . | HAY OR STRAW MULCH | 0 | AC | \$715.00 | \$0.0 |
| 25 . | JET EXISTING SEWER | 10,315 | LF | \$1.10 | \$11,346.5 |
| | ADD PER CHANGE ORDER | | | | |
| | REMOVE SATURATED MATERIAL, HAUL AND SPREAD IN PIONEER VIEW | | | | |
| 26 . | PHASE II | 2,475 | CY | \$7.43 | \$18,389.2 |
| 27 . | BX1100 GEOGRID | 1,662 | SY | \$2.75 | \$4,570.5 |
| 28 . | FILTER FABRIC | 1,440 | SY | \$1.65 | \$2,376.0 |
| 29 . | 3" CLEAN CRUSHED ROCK (RECYCLED MATERIAL) | 1,725 | TN | \$24.20 | \$41,745.0 |
| 30 . | EXCAVATE MATERIAL FROM PIONEER VIEW II, PLACE AND COMPACT | 2,000 | CY | \$7.65 | \$15,300.0 |
| 31 . | INSTALL 4" SLOTTED PVC PIPE | 50 | LF | \$11.00 | \$550.0 |
| | FAILED TESTS | 1 | LS | -\$758.33 | -\$758.3 |
| | | | | | \$0.0 |

| | 50 1 | LF LS | \$11.00 -\$758.33 | \$550.00 -\$758.33 \$0.00 |
|-----------------------------|---------|-------------|----------------------|---------------------------------|
| Estimated Construction Cos | ts: | | | \$1,119,747.42 |
| | | Estimated | Soft Costs | |
| | | Engineering | Design and | |
| | | Constructio | n Administration: | \$106,848,03 |
| | | Geotechnic | al and Testing: | \$17,117.88 |
| | | Legal: | | \$55,995.65 |
| | | Fiscal: | | \$56,519.91 |
| | | Interest: | | \$128,093.59 |
| | | Duration (M | onths) | |
| Total Estimated Soft Costs: | | | | \$364,575.06 |
| Total Estimated Costs: | | | | \$1,484,322.48 |

\$460,339.37

PAVING MINOR G.O.

Assumptions/Comments:



Assumes all intersections are GO. Assumes all curb inlets are GO.

Assumes all pavement adjacent to park is GO. This was updaed to also include all GO next to outlots as recommended per staff comments. UPDATED BASED ON BIDS

| 11. CONSTRUCT CONCRETE CURB RAMP 432 SF \$30.00 12. CONSTRUCT BARRICADE 3 EA \$390.00 13. ADJUST MANHOLE TO GRADE 3 EA \$250.00 14. EXTERNAL FRAME SEAL 3 EA \$425.00 15. CONSTRUCT CURB INLET 18 EA \$3,450.00 16. DRILL AND EPOXY 1" x 18" DOWEL BARS AT 12" CENTERS 9 EA \$14.00 17. CONSTRUCT MODIFIED CURB INLET 1 EA \$3,579.50 18. CURB INLET PROTECTION 19 EA \$190.00 19. CONSTRUCT SILT FENCE 500 LF \$4.00 20. CLEANOUT SILT BASIN 2,500 CY \$5.00 21. CLEANOUT SILT FENCE 500 LF \$1.00 22. REMOVE SILT FENCE 500 LF \$1.00 23. SEEDING - TYPE TEMPORARY SEED MIX 8 AC \$1,190.00 24. HAY OR STRAW MULCH 8 AC \$715.00 25. JET EXISTING SEWER 0 LF \$1.10 | Total | Unit Price | Unit | Approximate Quantity | Bid Item Description |
|--|---------------------|-----------------|-------------|--------------------------|------------------------|
| 2. REMOVE ENDOR STREET BARRICADE 3. REMOVE ENDOR STREET BARRICADE 4. SAW-CUT PAVEMENT 5. COMMON EARTH EXCAVATION 6. 7' CONORTEET PAVEMENT TYPE L65 7. GOMON EARTH EXCAVATION 7. CONORTEET PAVEMENT TYPE L65 8. 3659 8. Y \$34.25 9. CONORTEET PAVEMENT TYPE L65 8. 3659 8. V \$34.25 9. CONORTEET PAVEMENT TYPE L65 8. 3659 8. CONSTRUCT CONORTEE TE BADER 8. CONSTRUCT CONORTEE SUBWALK 8. 6000 8. F \$4.50 10. SUBGRADE PREPARATION SIDEWALK 8. 6000 8. F \$4.50 11. CONSTRUCT CONORTEE SUBWALK 8. 6000 8. F \$4.50 11. CONSTRUCT CONORTEE SUBWALK 8. 7622 8. Y \$7.00 12. CONSTRUCT CONORTEE CURB RAMP 9. SAW-CUT PAVEMENT 12. CONSTRUCT STREET SUBWALK 13. EA \$3.90.00 13. ADJUST MANHOLE TO GRADE 13. EA \$25.00 14. EXTERNAL FRAME SEAL 13. EA \$3.500.00 15. CONSTRUCT CURB INLET 16. DRILL AND EPOXY 1"x 18" DOWEL BARS AT 12" CENTERS 17. CONSTRUCT MODIFIED CURB INLET 18. CURB INLET PROTECTION 19. EA \$3.579.50 19. CONSTRUCT SILT FENCE 8. 5000 19. CLEANOUT SILT FENCE 8. 5000 19. FILTER FENCE 8. 5000 19. CLEANOUT SILT FENCE 8. 5000 19. CLEANOUT SILT FENCE 9. 511.00 19. EXCAVER SILT FENCE 9. 5000 19. CLEANOUT SILT FENCE 9. 511.00 19. EXCAVER SILT FENCE 9. 511.00 19. EXCAVER SILT FENCE 9. 5000 19. CLEANOUT SILT FENCE 9. 511.00 19. EXCAVER SILT FENCE 10. EXCENTED | \$660,0 | \$6,00 | LF | 110 | REMOVE CURB AND GUTTER |
| REMOVE END OF STREET BARRICADE | \$375.0 | \$5.00 | LF | 75 | REMOVE CONCRETE HEADER |
| SAW-CUT PAVEMENT 110 | \$306.0 | | | 3 | |
| 5. COMMON EARTH EXCAVATION 6. 7° CONCRETE PAVEMENT - TYPE L65 7. 9° CONCRETE PAVEMENT - TYPE L65 8. 0° CONCRETE PAVEMENT - TYPE L65 8. 0° CONSTRUCT CONCRETE SIDEWALK 9. CONSTRUCT SONCRETE SIDEWALK 9. CONSTRUCT SONCRETE SIDEWALK 9. CONSTRUCT SONCRETE SIDEWALK 9. CONSTRUCT SONCRETE SIDEWALK 9. SUBGRADE PREPARATION SUBGRADE S | \$522. | • | | | |
| 7 CONCRETE PAVEMENT - TYPE L65 | \$4,718.0 | | CY | 1.348 | |
| 7. 9" CONCRETE PAVEMENT - TYPE L85 8 CONSTRUCT CONCRETE HEADER 9 CONSTRUCT SONCRETE HEADER 9 CONSTRUCT SONCRETE SIDEWALK 10 SUBGRADE PREPARATION SIDEWALK 11 CONSTRUCT SONCRETE SIDEWALK 12 SY \$7.00 13 CONSTRUCT SONCRETE CURB RAMP 1432 SF \$30.00 14 CONSTRUCT BARRICADE 15 CONSTRUCT BARRICADE 16 CONSTRUCT BARRICADE 17 CONSTRUCT BARRICADE 18 EA \$39.00 19 CONSTRUCT BARRICADE 19 EA \$30.00 10 EXTERNAL FRAME SEAL 10 EXTERNAL FRAME SEAL 10 SEA \$425.00 11 CONSTRUCT ON STRUCT MORE SEAL 11 EA \$3.579.00 12 CONSTRUCT SILE FLOOR SEAL 13 EA \$425.00 15 CONSTRUCT CURB INLET 16 EA \$3.450.00 16 DRILL AND EPOXY 1" x 18" DOWEL BARS AT 12" CENTERS 19 EA \$14.00 17 CONSTRUCT SILT FENCE 19 EA \$14.00 18 CURB INLET PROTECTION 19 EA \$190.00 19 CLEANOUT SILT FENCE 10 CONSTRUCT SILT FENCE 10 CLEANOUT S | \$125,320. | · · | | | |
| 8 CONSTRUCT CONCRETE HEADER 9 CONSTRUCT 5" CONCRETE SIDEWALK 10 SUBGRADE PREPARATION SIDEWALK 11 CONSTRUCT 5" CONCRETE CURB RAMP 12 SY \$7.00 11 CONSTRUCT CONCRETE CURB RAMP 13 EA \$390.00 12 CONSTRUCT CONCRETE CURB RAMP 1432 SF \$390.00 13 ADJUST MANHOLE TO GRADE 14 EXTERNAL FRAME SEAL 15 EA \$250.00 16 CONSTRUCT CURB INLET 18 EA \$3.450.00 17 CONSTRUCT CURB INLET 18 EA \$3.450.00 18 CONSTRUCT CURB INLET 19 EA \$3.450.00 19 CONSTRUCT MODIFIED CURB INLET 10 EA \$3.579.50 18 CURB INLET PROTECTION 19 EA \$190.00 19 CONSTRUCT SILT FENCE 10 CLEANOUT SILT FENCE 10 CLEANOUT SILT FENCE 10 CLEANOUT SILT FENCE 10 CLEANOUT SILT FENCE 11 EA \$3.579.50 12 REMOVE SILT FENCE 15 CONSTRUCT MODIFIED CURB INLET 16 SEEDING - TYPE TEMPORARY SEED MIX 17 ENCONET SIT FENCE 18 CONSTRUCT SILT FENCE 19 EA \$1.00 19 EA \$1.00 10 CLEANOUT SILT FENCE 11 CLEANOUT SILT FENCE 12 SEEDING - TYPE TEMPORARY SEED MIX 13 SEEDING - TYPE TEMPORARY SEED MIX 14 HAY OR STRAW MULCH 15 JET EXISTING SEWER 16 PHASE II 1 L. SALL SERVICE SEAL SEAL SEAL SEAL SEAL SEAL SEAL SEA | \$21,945,0 | | SY | 385 | |
| 9. CONSTRUCT 5" CONCRETE SIDEWALK 0. SUBGRADE PREPARATION SIDEWALK 1. CONSTRUCT CONCRETE CURB RAMP 2. CONSTRUCT CONCRETE CURB RAMP 2. CONSTRUCT GARRICADE 3. ADJUST MANHOLE TO GRADE 3. ADJUST MANHOLE TO GRADE 4. EXTERNAL FRAME SEAL 3. EA \$250.00 5. CONSTRUCT UB INLET 6. DRILL AND EPOXY 1" x 18" DOWEL BARS AT 12" CENTERS 9. EA \$14.00 6. DRILL AND EPOXY 1" x 18" DOWEL BARS AT 12" CENTERS 9. EA \$14.00 7. CONSTRUCT CURB INLET 1. EA \$3.579.50 8. CURB INLET PROTECTION 9. CONSTRUCT SILT FENCE 1. EA \$3.579.50 9. CONSTRUCT SILT FENCE 1. EA \$3.579.50 9. CONSTRUCT SILT FENCE 1. EA \$3.579.50 9. CURB INLET PROTECTION 9. CONSTRUCT SILT FENCE 1. EA \$3.579.50 9. CURB INLET PROTECTION 9. CONSTRUCT SILT FENCE 1. EA \$3.579.50 9. CURB INLET PROTECTION 9. CONSTRUCT SILT FENCE 1. EA \$3.579.50 9. CURB INLET PROTECTION 9. CONSTRUCT SILT FENCE 1. EA \$3.579.50 9. CURB INLET PROTECTION 9. CONSTRUCT SILT FENCE 1. EA \$3.579.50 9. CURB INLET PROTECTION 9. EA \$1.00 1. CURB INLET PROTECTION 9. EA \$1.00 1. CURB INLET PROTECTION 9. EA \$1.00 1. EA \$ | \$475.0 | | LF | 50 | |
| SUBGRADE PREPARATION SIDEWALK 782 SY \$7,00 | \$29,700. | | | | |
| CONSTRUCT GONCRETE CURB RAMP | \$5,474. | | - | • | |
| CONSTRUCT BARRICADE | \$12,960. | | | | |
| ADJUST MANHOLE TO GRADE EXTERNAL FRAME SEAL EXTERNAL FRAME SEAL EXTERNAL FRAME SEAL CONSTRUCT CURB INLET BEA \$3,450.00 DRILL AND EPOXY 1" x 18" DOWEL BARS AT 12" CENTERS DRILL AND EPOXY 1" x 18" DOWEL BARS AT 12" CENTERS CURB INLET PROTECTION CONSTRUCT MODIFIED CURB INLET 1 | \$1,170. | | | | |
| EXTERNAL FRAME SEAL 3 EA \$425.00 CONSTRUCT CURB INLET 18 EA \$3.450.00 DRILL AND EPOXY 1" x 18" DOWEL BARS AT 12" CENTERS 9 EA \$14.00 CONSTRUCT MODIFIED CURB INLET 1 EA \$3.579.50 CONSTRUCT MODIFIED CURB INLET 1 EA \$3.579.50 CONSTRUCT MODIFIED CURB INLET PROTECTION 19 EA \$190.00 CONSTRUCT SILT FENCE 500 LF \$4.00 CONSTRUCT SILT FENCE 500 LF \$1.00 CONSTRUCT SILT FENCE 500 SILT FENCE 500 LF \$1.00 CONSTRUCT SILT FENC | \$750. | | | | |
| CONSTRUCT CURB INLET | \$1,275. | | | 3 | |
| DRILL AND EPOXY 1" x 18" DOWEL BARS AT 12" CENTERS CONSTRUCT MODIFIED CURB INLET 1 EA \$3,579.50 CURB INLET PROTECTION 1 EA \$190.00 CONSTRUCT SILT FENCE 500 LF \$4.00 CLEANOUT SILT FENCE 500 LF \$4.00 CLEANOUT SILT FENCE 500 LF \$1.00 REMOVE SILT FENCE 500 LF \$1.00 FI \$1.10 ADD PER CHANGE ORDER REMOVE SATURATED MATERIAL, HAUL AND SPREAD IN PIONEER VIEW PHASE II BX1100 GEOGRID 500 LF \$1.10 831 \$7.43 87.43 87.43 87.10 FILTER FABRIC 720 \$1.65 FILTER FABRIC 30 CLEAN CRUSHED ROCK (RECYCLED MATERIAL) EXCAVATE MATERIAL FROM PIONEER VIEW II, PLACE AND COMPACT 1.000 \$7.65 INSTALL 4" SLOTTED PVC PIPE FAILED TESTS Estimated Construction Costs: Engineering Design and Construction Administration: | \$62,100. | | | | |
| CONSTRUCT MODIFIED CURB INLET CURB INLET PROTECTION CURB INLET PROTECTION 19 EA \$190.00 CONSTRUCT SILT FENCE 500 LF \$4.00 CLEANOUT SILT BASIN CLEANOUT SILT FENCE 500 LF \$1.00 CLEANOUT SILT FENCE 500 LF \$1.00 CLEANOUT SILT FENCE 500 LF \$1.00 SEEDING - TYPE TEMPORARY SEED MIX 8 AC \$1.190.00 HAY OR STRAW MULCH 500 LF \$1.00 HAY OR STRAW MULCH 500 LF \$1.10 50 | \$126. | | | | |
| CURB INLET PROTECTION | \$3,579 | | | - | |
| CONSTRUCT SILT FENCE | \$3,610 | | | | |
| CLEANOUT SILT BASIN | \$2,000 | | | | |
| CLEANOUT SILT FENCE | \$12,500 | | | | |
| REMOVE SILT FENCE SEDING - TYPE TEMPORARY SEED MIX REPORT STRAW MULCH HAY OR STRAW MULCH JET EXISTING SEWER ADD PER CHANGE ORDER REMOVE SATURATED MATERIAL, HAUL AND SPREAD IN PIONEER VIEW PHASE II BX1100 GEOGRID STLEAM ROUSE SATURATED ROCK (RECYCLED MATERIAL) CLEAN CRUSHED ROCK (RECYCLED MATERIAL) EXCAVATE MATERIAL FROM PIONEER VIEW II. PLACE AND COMPACT INSTALL 4" SLOTTED PVC PIPE FAILED TESTS Estimated Construction Costs: Engineering Design and Construction Administration: | \$500 | | | | |
| SEEDING - TYPE TEMPORARY SEED MIX | \$500 | | | | |
| HAY OR STRAW MULCH | \$9,520 | | | | |
| JET EXISTING SEWER ADD PER CHANGE ORDER REMOVE SATURATED MATERIAL, HAUL AND SPREAD IN PIONEER VIEW PHASE II PHASE II STITUTE FABRIC STITUTE FABRIC TO STITUTE FABRIC TO STITUTE PVC PIPE FAILED TESTS Estimated Construction Costs: Engineering Design and Construction Administration: | \$5,720 | | | | |
| ADD PER CHANGE ORDER REMOVE SATURATED MATERIAL, HAUL AND SPREAD IN PIONEER VIEW PHASE II BX1100 GEOGRID FILTER FABRIC CONSTRUCT OF THE STRUCT OF THE STRU | \$0,720 | | | | |
| REMOVE SATURATED MATERIAL, HAUL AND SPREAD IN PIONEER VIEW PHASE II 1,238 \$7.43 BX1100 GEOGRID 51LTER FABRIC 720 \$1.65 3" CLEAN CRUSHED ROCK (RECYCLED MATERIAL) EXCAVATE MATERIAL FROM PIONEER VIEW II, PLACE AND COMPACT 1,000 FAILED TESTS FAILED TESTS Estimated Construction Costs: Engineering Design and Construction Administration: | Ψ0. | \$1.10 | Li | J | |
| PHASE II BX1100 GEOGRID FILTER FABRIC TILTER | | | | | |
| BX1100 GEOGRID FILTER FABRIC T20 \$1.65 3° CLEAN CRUSHED ROCK (RECYCLED MATERIAL) EXCAVATE MATERIAL FROM PIONEER VIEW II, PLACE AND COMPACT INSTALL 4° SLOTTED PVC PIPE FAILED TESTS Estimated Construction Costs: Estimated Soft Costs Engineering Design and Construction Administration: | \$9,194 | \$7 A3 | | 1 238 | |
| FILTER FABRIC 720 \$1.65 3" CLEAN CRUSHED ROCK (RECYCLED MATERIAL) 863 \$24.20 EXCAVATE MATERIAL FROM PIONEER VIEW II, PLACE AND COMPACT 1.000 \$7.65 INSTALL 4" SLOTTED PVC PIPE 25 \$11.00 FAILED TESTS 0 LS \$758.33 Estimated Construction Costs: Engineering Design and Construction Administration: | \$2,285 | • | | | |
| 3" CLEAN CRUSHED ROCK (RECYCLED MATERIAL) EXCAVATE MATERIAL FROM PIONEER VIEW II, PLACE AND COMPACT INSTALL 4" SLOTTED PVC PIPE FAILED TESTS Estimated Construction Costs: Engineering Design and Construction Administration: | \$2,263 \$1,188 | | | | |
| EXCAVATE MATERIAL FROM PIONEER VIEW III, PLACE AND COMPACT INSTALL 4" SLOTTED PVC PIPE FAILED TESTS Estimated Construction Costs: Estimated Soft Costs Engineering Design and Construction Administration: | \$1,100 \$20,872 | | | | |
| INSTALL 4" SLOTTED PVC PIPE FAILED TESTS Estimated Construction Costs: Estimated Soft Costs Engineering Design and Construction Administration: | | | | | |
| FAILED TESTS 0 LS \$758.33 Estimated Construction Costs: Estimated Soft Costs Engineering Design and Construction Administration: | \$7,650 | | | | |
| Estimated Construction Costs: Estimated Soft Costs Engineering Design and Construction Administration: | \$275 | | | | |
| Estimated Soft Costs Engineering Design and Construction Administration: | \$0. | \$758.33 | LS | 0 | FAILED TESTS |
| Engineering Design and Construction Administration: | \$347,272 | | | ated Construction Costs: | |
| Construction Administration: | | Soft Costs | stimated | <u>!</u> | |
| Construction Administration: | \$34 | Soft Costs | Estimated | | |
| Gootschnical and Testing | \$33,1 | • | _ | | |
| Geolecinical and Testing. | \$5,30 | al and Testing: | Seotechnic | (| |
| Legal: | \$17,366 | | | | |
| Fiscal: | \$17,528 | | iscal: | ı | |
| Interest: | \$39,726 | | nterest: | ı | |
| Duration (Months) | | onths) | Ouration (N | ı | |
| Total Estimated Soft Costs: | \$113,067 | | | Estimated Soft Costs: | |

Total Estimated Costs:

\$0.00

PAVING MAJOR 66TH STREET IMPROVEMENTS

Assumptions/Comments:

The total major paving costs will be represented as a Phase 2 cost only.

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Tota |
|------|---|-------------------------------|---------------------------|-----------------|--------|
| 1. | CLEARING AND GRUBBING GENERAL | 0 | LS | \$7,500,00 | \$0.0 |
| 2. | CONVERT INLET TO MANHOLE | 0 | EA | \$1,500.00 | \$0.00 |
| 3. | CONSTRUCT CURB INLET TYPE I | 0 | EA | \$2,640.00 | \$0.00 |
| 4. | SAW CUT - FULL DEPTH | 0 | LF | \$5.00 | \$0.0 |
| 5 . | REMOVE PAVEMENT | 0 | SY | \$8.00 | \$0.0 |
| 6. | EARTHWORK (EMBANKMENT) | 0 | CY | \$12.00 | \$0.0 |
| 7. | COMMON EARTH EXCAVATION - SUBGRADE | 0 | CY | \$4.00 | \$0.0 |
| 8. | 9" CONCRETE PAVEMENT - TYPE L65 | 0 | SY | \$33,00 | \$0.0 |
| 9. | REMOVE AND REPLACE SIGN | 0 | EA | \$200.00 | \$0.0 |
| 10. | DRILL AND GROUT NO. 5 TIE BARS (33" CENTERS) | 0 | ĒΑ | \$6.00 | \$0.0 |
| 11 . | DRILL AND EPOXY 1" X 18" DOWL BARS AT 12" CENTERS | 0 | EA | \$8.50 | \$0.0 |
| 12. | CONSTRUCT 18" R.C.P., CLASS III | 0 | LF | \$28.00 | \$0.0 |
| 13 . | CONSTRUCT 18" PIPE BEDDING 4" PREFORMED PAVMENT MARKING TAPE PAVEMENT MARKING - | 0 | LF | \$5.00 | \$0.0 |
| 14 . | YELLOW, GROOVED, TYPE 4 4" PREFORMED PAVEMENT MARKING TAPE PAVEMENT MARKING - | 0 | LF | \$2.50 | \$0.0 |
| 15 . | WHITE, GROOVED, TYPE 3 | 0 | LF | \$2.50 | \$0.0 |
| 16. | BARRICADES - TYPE II | 0 | BD | \$1.00 | \$0.0 |
| 17 . | BARRICADES - TYPE III | 0 | BD | \$1.50 | \$0.0 |
| 18 . | SEEDING - TYPE "TEMPORARY SEED MIX" | 0 | AC | \$600.00 | \$0.0 |
| 19 . | STRAW MULCH | 0 | AC | \$630,00 | \$0.0 |
| 20 . | CONSTRUCT SILT FENCE | 0 | LF | \$2.50 | \$0.0 |
| 21 . | CURB INLET PROTECTION | 0 | ĒA | \$225.00 | \$0.0 |
| 22 . | SUBGRADE PREPARATION (SIDEWALK) | 0 | SF | \$1,00 | \$0.0 |
| 23 . | CONSTRUCT 5" CONCRETE SIDEWALK | 0 | SF | \$3.00 | \$0.0 |
| 24 . | CONSTRUCT CONCRETE CURB RAMP | 0 | EA | \$590.00 | \$0.0 |
| | CONTINGENCY | 20% | | \$0.00 | \$0.0 |
| | | Estimated Construction Costs: | | | \$0.0 |
| | | Phase 1 Construction Costs: | Estimated Soft Costs | | |
| | | | | | |
| | | | Engineering | | \$0.0 |
| | | | | al and Testing: | \$0.0 |
| | | | Legal: | | \$0.0 |
| | | | Fiscal: | | \$0.0 |
| | | | Interest: Duration (Me | onths) | \$0.0 |
| | | Total Estimated Soft Costs: | , | , 0% | \$0.0 |
| | | | | | |

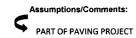
Total Estimated Costs:

PAVING MAJOR 66TH STREET IMPROVEMENTS - G.O.



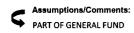
| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|------|---|--|-----------|--------------------|--------|
| 1. | CLEARING AND GRUBBING GENERAL | 0 | LS | \$7,500,00 | \$0.00 |
| 2. | CONVERT INLET TO MANHOLE | 0 | EA | \$1,500,00 | \$0.00 |
| 3. | CONSTRUCT CURB INLET TYPE I | 0 | EA | \$2,640,00 | \$0.00 |
| 4. | SAW CUT - FULL DEPTH | 0 | LF | \$5.00 | \$0.00 |
| 5. | REMOVE PAVEMENT | 0 | SY | \$8.00 | \$0.00 |
| 6. | EARTHWORK (EMBANKMENT) | 0 | CY | \$12.00 | \$0.00 |
| 7. | COMMON EARTH EXCAVATION - SUBGRADE | 0 | CY | \$4.00 | \$0.00 |
| 8. | 9" CONCRETE PAVEMENT - TYPE L65 | 0 | SY | \$33.00 | \$0.00 |
| 9. | REMOVE AND REPLACE SIGN | 0 | EA | \$200.00 | \$0.00 |
| 10 . | DRILL AND GROUT NO. 5 TIE BARS (33" CENTERS) | 0 | EA | \$6.00 | \$0.00 |
| 11 . | DRILL AND EPOXY 1" X 18" DOWL BARS AT 12" CENTERS | 0 | EA | \$8.50 | \$0.00 |
| 12 . | CONSTRUCT 18" R.C.P., CLASS III | 0 | LF | \$28,00 | \$0.00 |
| 13 . | CONSTRUCT 18" PIPE BEDDING | 0 | LF | \$5.00 | \$0.00 |
| | 4" PREFORMED PAVMENT MARKING TAPE PAVEMENT MARKING - | | | | • |
| 14 . | YELLOW, GROOVED, TYPE 4 4" PREFORMED PAVEMENT MARKING TAPE PAVEMENT MARKING - | 0 | LF | \$2.50 | \$0.00 |
| 15. | WHITE, GROOVED, TYPE 3 | 0 | LF | \$2.50 | \$0,00 |
| 16 . | BARRICADES - TYPE II | 0 | BD | \$1,00 | \$0,00 |
| 17. | BARRICADES - TYPE III | 0 | BD | \$1.50 | \$0.00 |
| 18. | | | AC | \$600.00 | \$0.00 |
| | SEEDING - TYPE "TEMPORARY SEED MIX" | 0 | | | \$0.00 |
| 19. | STRAW MULCH | | AC | \$630.00 | |
| 20 . | CONSTRUCT SILT FENCE | 0 | LF | \$2.50 | \$0.00 |
| 21 . | CURB INLET PROTECTION | 0 | EA | \$225,00 | \$0.00 |
| 22 . | SUBGRADE PREPARATION (SIDEWALK) | 0 | SF | \$1.00 | \$0.00 |
| 23 . | CONSTRUCT 5" CONCRETE SIDEWALK | 0 | SF | \$3.00 | \$0.00 |
| 24 . | CONSTRUCT CONCRETE CURB RAMP | 0 | EA | \$590.00 | \$0.00 |
| | CONTINGENCY | 20% | | \$0.00 | \$0.00 |
| | | Estimated Construction Costs: | | | \$0.00 |
| | | Phase 1 Construction Costs: | Estimat | ed Soft Costs | |
| | | | | | |
| | | | Enginee | ring Design and | \$0.00 |
| | | | Geotech | nical and Testing: | \$0.00 |
| | | | Legal: | - | \$0.00 |
| | | | Fiscal: | | \$0.00 |
| | | i | Interest: | | \$0.00 |
| | | 1 | Duration | (Months) | |
| | | Total Estimated Soft Costs: | | | \$0.00 |
| | | Total Estimated Costs: | | | \$0.00 |
| | | Total Phase 1 Costs: SARPY COUNTY REIMBURSEMEN | т• | | \$0.00 |
| | | (1/3 of Design and Engineering/Tes | sting) | | \$0.00 |
| | | SETTLERS CREEK REIMBURSEMI (1/3 of total cost abutting Settlers | | | |
| | | PIONEER VIEW COSTS: | | | \$0.00 |

SIDEWALKS



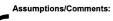
| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|-------------------|---|-------------------------------|----------------|------------------------------|--|
| 1 . 2 . 3 . | SUBGRADE PREPARATION (SIDEWALK) CONSTRUCT 5" CONCRETE SIDEWALK CONSTRUCT CONCRETE CURB RAMP | 6,600 5,500 9 | | \$2.00 \$4.00 \$590.00 | \$13,200.00 \$22,000.00 \$5,310.00 |
| | CONTINGENCY | 15% | | \$40,510.00 | \$6,076.50 |
| | | Estimated Construction Costs: | · . · · · · | • | \$0.00 |
| | | | <u>Estimat</u> | ed Soft Costs | |
| | | | | ing Design and | |
| | | | | tion Administration: | \$0.00 |
| | | | Legal: | nical and Testing: | \$0.00 \$0.00 |
| | | | Fiscal: | | \$0.00 |
| | | | Interest: | | \$0.00 |
| | | | Duration | (Months) | |
| | | Total Estimated Soft Costs: | | | \$0.00 |
| | | Total Estimated Costs: | | | \$0.00 |

REGULATORY SIGNAGE



| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|-----------------|-------------------------------------|-------------------------------|--|---|----------------------------|
| I . "STOP" SIGN | I (24") | 1 | 8 EA | \$250,00 | \$4,500.00 |
| | SIGN 18"X24" | | 1 EA | \$250.00 | \$250.00 |
| . STREET NAM | ME SIGN | 1 | 0 EA | \$250.00 | \$2,500.00 |
| . PEDESTRIAN | N CROSSING SIGN | 1 | 0 EA | \$250.00 | \$2,500.00 |
| | N CROSSING AHEAD SIGN | | 8 EA | \$250.00 | \$2,000.00 |
| . 24" PERMAN | ENT PAINTED PAVMENT MARKING - WHITE | 12 | 0 LF | \$4.00 | \$480.00 |
| CONTINGEN | CY | 159 | 6 | \$12,230.00 | \$1,834.50 |
| | | Estimated Construction Costs: | | | \$0.00 |
| | | | | | |
| | | | Estima | ated Soft Costs | |
| | | | | | \$0.00 |
| | | | Engine | ering Design and | \$0.00 \$0.00 |
| | | | Engine | | |
| | | | Engine Geotec | ering Design and | \$0.00 |
| | | | Engine Geotec Legal: | ering Design and hnical and Testing: | \$0.00 \$0.00 \$0.00 |
| | | | Engine Geotec Legal: Fiscal: Interes | ering Design and hnical and Testing: | \$0.00 \$0.00 |
| | | Total Estimated Soft Costs: | Engine Geotec Legal: Fiscal: Interes | ering Design and hnical and Testing: t: | \$0.00 \$0.00 \$0.00 |

SIDEWALKS G.O.



PART OF PAVING PROJECT
ASSUMES ALL SIDEWALK ADJACENT TO OUTLOTS IS GO.

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|-------------------|---|-------------------------------|--|--|--|
| 1 . 2 . 3 . | SUBGRADE PREPARATION (SIDEWALK) CONSTRUCT 5" CONCRETE SIDEWALK CONSTRUCT CONCRETE CURB RAMP | 6,600 5,500 9 | SF SF EA | \$2.00 \$4.00 \$590.00 | \$13,200.00 \$22,000.00 \$5,310.00 |
| | CONTINGENCY | 15% | | \$40,510.00 | \$6,076.50 |
| | | Estimated Construction Costs: | | | \$0.00 |
| | | | <u>Estimate</u> | ed Soft Costs | |
| | | | Construc Geotechr Legal: Fiscal: Interest: | ing Design and tion Administration: nical and Testing: (Months) | \$0.00 \$0.00 \$0.00 \$0.00 |
| | | Total Estimated Soft Costs: | | | \$0.00 |
| | | Total Estimated Costs: | | | \$0.00 |

REGULATORY SIGNAGE G.O.

Assumptions/Comments:
PART OF GENERAL FUND

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|----|---|-------------------------------|----------------------|-------------------|----------------|
| 1. | "STOP" SIGN (24") | 18 | EA | \$250.00 | \$4,500.0 |
| 2. | SPEED LIMIT SIGN 18"X24" | 1 | ĘΑ | \$250.00 | \$250.0 |
| | STREET NAME SIGN | 10 | EA | \$250.00 | \$2,500.0 |
| | PEDESTRIAN CROSSING SIGN | 10 | EΑ | \$250,00 | \$2,500. |
| | PEDESTRIAN CROSSING AHEAD SIGN | 8 | EA | \$250.00 | \$2,000.0 |
| | 24" PERMANENT PAINTED PAVMENT MARKING - WHITE | 120 | LF | \$4.00 | \$480.0 |
| | CONTINGENCY | 15% | | \$12,230.00 | \$1,834. |
| | | Estimated Construction Costs: | | | \$0. |
| | | ! | Estimate | d Soft Costs | |
| | | | Enaineeri | ng Design and | \$0.0 |
| | | | | ical and Testing: | \$0.0 |
| | | | Legal: | • | \$0.0 |
| | | | | | 00.4 |
| | | 1 | Fiscal: | | |
| | | 1 | Fiscal: Interest: | | \$0.0 \$0.0 |
| | | | | Months) | |
| | | | nterest: | Months) | |

PARKS AQUISITION

Assumptions/Comments:

Outlot B is designated parks area in phase 1. Assume unit price is 50% of purchase price per acre. Assumed purchase price/acre is \$31200. Areas, in Floodway, Floodplain, 3:1+20, easements or wetlands are not eligible for reimbursement.

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|----|---|-------------------------------|----------|--|--|
| 1. | OUTLOT B (4.87 AC, 1.12 AC WETLAND, 0.016 AC EASEMENTS) | 3, | 73 AC | \$15,600.00 | \$58,188.00 |
| | | | | | |
| | | Estimated Construction Costs: | | | \$58,188.00 |
| | | | Estimate | ed Soft Costs | |
| | | | | ing Design and tion Administration: (Months) | \$290.94 \$2,909.40 \$3,069.42 \$2,256.02 |
| | | Total Estimated Soft Costs: | | | \$8,525.78 |
| | | Total Estimated Costs: | | | \$66,713.78 |

PARKS IMPROVEMENTS



Assumptions/Comments:

TRAIL TO CONSTRUCTED AS PART OF PHASE 2.

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | | Total |
|----|--|-------------------------------|-------------------------|---------------------|-----|-------------|
| | SUBGRADE PREPARATION (TRAIL) | 17,625 | SF | \$1.00 | | \$17,625.00 |
| ١. | CONSTRUCT 8' WIDE 6" CONCRETE TRAIL (OUTLOT B & D) | 14,100 | SF | \$4.00 | | \$56,400.00 |
| | SUBGRADE PREPARATION (SETTLERS CREEK TRAIL) | - | SF | \$1.00 | | \$0.00 |
| • | CONSTRUCT 8' WIDE 6" CONCRETE (SETTLERS CREEK TRAIL) | - | SF | \$4.00 | | \$0.00 |
| | CONTINGENCY | 15% | | \$74,025.00 | | \$11,103.75 |
| | · · · · · · · · · · · · · · · · · · · | Estimated Construction Costs: | | | | \$0.00 |
| | | | Estimate | d Soft Costs | | |
| | | : | Engineerii | ng Design and | | |
| | | 1 | Construct | ion Administration: | | \$0.00 |
| | | | | cal and Testing: | | \$0.00 |
| | | | Legal: | | | \$0.00 |
| | | | Fiscal: | | | \$0.0 |
| | | | Interest: Duration (| Monthal | | \$0.00 |
| | | | Duration (| wonths; | | |
| | | Total Estimated Soft Costs: | | (| 0%% | \$0.0 |
| | | | | | | |

PARKS ACQUISITION G.O.



Outlot B is designated parks area in phase 1. Assume unit price is 50% of purchase price per acre. Assumed purchase price/acre is \$31198.31. Areas, in Floodway, Floodplain, 3:1+20, easements or wetlands are not eligible for reimbursement.

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|----|---|-------------------------------|---|--|--|
| 1. | OUTLOT B (4.87 AC, 1.12 AC WETLAND, 0.016 AC EASEMENTS) | 3. | 73 AC | \$15,600.00 | \$58,188.00 |
| | | Estimated Construction Costs: | | | \$58,188.00 |
| | | | Engineer Construct Legal: Fiscal: Interest: | ed Soft Costs ring Design and ction Administration: (Months) | \$290.94 \$2,909.40 \$3,069.42 \$2,256.02 |
| | | Total Estimated Soft Costs: | | | \$8,525.78 |
| | | Total Estimated Costs: | | | \$66,713.78 |

PARKS IMPROVEMENTS G.O.

__Assumptions/Comments:

TRAIL TO BE CONSTRUCTED AS PART OF PHASE 2

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|----|--|-------------------------------|-------------------|---------------------|----------------|
| 1. | SUBGRADE PREPARATION (TRAIL) | 12,763 | SF | \$1.00 | \$12,762.5 |
| | CONSTRUCT 8' WIDE 6" CONCRETE TRAIL (OUTLOT B & D) | 10,210 | SF | \$4.00 | \$40,840.0 |
| ١. | SUBGRADE PREPARATION (SETTLERS CREEK TRAIL) | 0 | SF | \$1.00 | \$0.0 |
| | CONSTRUCT 8' WIDE 6" CONCRETE (SETTLERS CREEK TRAIL) | 0 | SF | \$4.00 | \$0.0 |
| | CONTINGENCY | 15% | | \$53,602.50 | \$8,040.3 |
| | | Estimated Construction Costs: | | | \$0.0 |
| | | <u>!</u> | Estimate | d Soft Costs | |
| | | Ī | Engineerii | ng Design and | |
| | | | | ion Administration: | \$0.0 |
| | | | | cal and Testing: | \$0.0 |
| | | | Legal: Fiscal: | | \$0.0 \$0.0 |
| | | | nterest: | | \$0.0 \$0.0 |
| | | - | Duration (| Months) | |
| | | Total Estimated Soft Costs: | | | \$0.0 |
| | | | | | |

WATER INTERIOR



| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|--------------|--|-------------------------------|----------------------|---------------------------------------|-----------------------------|
| | | | | | |
| 1. 2. | CONSTRUCT 6" D.I.P. CONSTRUCT 8" D.I.P. | 2,000 4,400 | LF LF | \$26.53 \$24.17 | \$53,060.00 \$106,348.00 |
| 3. | CONSTRUCT 10" D.I.P. | 2,100 | LF | \$28.98 | \$60,858.00 |
| 4. | CONSTRUCT 12" D.I.P. | 2,100 | LF | \$38.85 | \$0.00 |
| | CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY | - | - | ****** | ***** |
| 5. | AND BACKING BLOCK | 2 | EΑ | \$3,743.00 | \$7,486.00 |
| 6. | CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY | 11 | EA | \$3,713.00 | \$40,843.00 |
| 7. | CONSTRUCT 8"x8"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK | 3 | EΑ | \$330.00 | \$990.00 |
| 8. | CONSTRUCT 8"x8" x8" M.J. TEE ASSEMBLY AND BACKING BLOCK | 2 | EA | \$345.00 | \$690.00 |
| 9. | CONSTRUCT 10"x10"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK | 1 | EA | \$351.00 | \$351.00 |
| 10. | CONSTRUCT 10"x10"x10" M,J. TEE ASSEMBLY AND BACKING BLOCK CONSTRUCT 12"x12"x8" M,J. TEE ASSEMBLY AND BACKING BLOCK | 2 | EA EA | \$516,00 | \$1,032.00 |
| 11 . 12 . | CONSTRUCT 12 x12 x6 M,J, TEE ASSEMBLY AND BACKING BLOCK | 0 | EA | \$414.00 \$575.00 | \$0.00 \$0.00 |
| 13 . | CONSTRUCT 8"x8" CROSS | 1 | EA | \$278.00 | \$278.00 |
| 14 . | CONSTRUCT 6" M.J. GATE VALVE AND BOX | 5 | EA | \$877.00 | \$4,385.00 |
| 15 . | CONSTRUCT 8" M.J. GATE VALVE AND BOX | 20 | EA | \$1,162.00 | \$23,240.00 |
| 16 . | CONSTRUCT 10" M.J. GATE VALVE AND BOX | 8 | EA | \$1,626.00 | \$13,008.00 |
| 17 . | CONSTRUCT 12" M.J. GATE VALVE AND BOX | 0 | EA | \$1,955.00 | \$0.00 |
| 18 . | CONSTRUCT 8" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK | 2 | EA | \$326.00 | \$652.00 |
| 19. | CONSTRUCT 10" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCI | (1 | EA | \$449.00 | \$449.00 |
| 20 . | CONSTRUCT 6" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK | 4 | EA | \$397.00 | \$1,588.00 |
| 21. | CONSTRUCT 8" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK | 14 | EA | \$497.00 | \$6,958.00 |
| 22 . | CONSTRUCT 10" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK | 0 | ËΑ | \$805,00 | \$0.00 |
| 23 . | CONSTRUCT 12" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK | 0 | EA | \$850,00 | \$0.00 |
| 24 . | CONSTRUCT 8" X 6" REDUCER | 1 | EA | \$140,00 | \$140.00 |
| 25 . | CONSTRUCT 10" X 8" REDUCER | 2 | EA | \$159.00 | \$318.00 |
| 26 . | CONSTRUCT 12" X 10" REDUCER | 0 | EA | \$182.00 | \$0.00 |
| 27 | CONSTRUCT 12" PIPE PLUG | 0 | EA | \$576.00 | \$0.00 |
| 28 . | CONSTRUCT 12"X12"X12" LIVE TAP TEE ASSEMBLY, 12" M.J. GATE VALVE WITH BOX AND BACKING BLOCK | | EA | \$7,098,00 | \$0.00 |
| 20 . 29 . | REMOVE 8" PIPE PLUG | 0 | EA | \$7,098,00 \$45,00 | \$0.00 |
| 30 . | REMOVE 10" PIPE PLUG | 0 | EA | \$45.00 | \$0.00 |
| 31 . | CONNECT TO EXISTING TEE | 2 | EA | \$1,927.00 | \$3,854.00 |
| 32 . | CONSTRUCT CHLORINE TUBE | 4 | EA | \$1,927.00 | \$7,708.00 |
| 33 . | CONSTRUCT SAMPLE TAP | 5 | EA | \$369.00 | \$1,845.00 |
| 34 . | CONSTRUCT SILT FENCE | 1,190 | LF | \$2.48 | \$2,951.20 |
| 35 . | SEEDING - TYPE "TEMPORARY SEED MIX" | 16 | AC | \$423.50 | \$6,606.60 |
| 36. | STRAW MULCH | 4 | AC | \$572.50 | \$2,290.00 |
| 37 . | CLEANOUT SILT BASIN | 8,686 | CY | \$4.25 | \$36,915.50 |
| 38 . | REMOVE, SALVAGE, AND REINSTALL END OF MAIN HYDRANT PER CHANGE ORDER NO. 1 | 3 | EA | \$1,329.00 | \$3,987.00 |
| 39 . | CONSTRUCT 10"x10"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK | 1 | EA | \$501.00 | \$501.00 |
| 40 . | CONSTRUCT 6" X 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK | 3 | EA | \$338.00 | \$1,014.00 |
| 41. | CONSTRUCT 8" X 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK | 1 | EA | \$445.00 | \$445.00 |
| 42 . | CONSTRUCT 8" PIPE PLUG | o | ĒA | \$230.00 | \$0.00 |
| | CONSTRUCT 12"X12"X8" LIVE TAP TEE ASSEMBLY, 8" M.J. GATE VALVE | | | | |
| 43 . | WITH BOX AND BACKING BLOCK | 1 | ĘΑ | \$7,118,00 | \$7,118.00 |
| 44 . | CONSTRUCT PRESSURE REDUCING VALVE & MANHOLE | 1 | EA | \$26,359.97 | \$26,359.97 |
| | DAMAGED HYDRANT | 1 | LS | \$692.20 | \$692.20 |
| | CONTINGENCY | | | \$0.00 | \$0.00 |
| | | | | | |
| | | Estimated Construction Costs: | | | \$424,961.47 |
| | | | <u>Estimat</u> | ed Soft Costs | |
| | | | | | |
| | | | | ring Design and nical and Testing: | \$57,430.73 \$0.00 |
| | | I | _egal: | = | \$21,220.36 |
| | | | iscal: | | \$21,877.08 |
| | | | nterest: Duration | (Months) | \$35,785.88 |
| | | Total Estimated Soft Costs: | .a. auvii | (in-Situla) | \$136,314.05 |
| | | | | | |
| | | Total Estimated Costs: | | | \$561,275.52 |

WATER-CAPITAL FACILITY FEES-PAPILLION RESIDENTIAL



Assumptions/Comments:

Unit price is per the City of Papillion Master Fee Schedule for single family residential development, effective OCT 1, 2016.

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|----|-----------------------------|-------------------------------|--|----------------------------|--|
| 1. | RESIDENTIAL (SINGLE FAMILY) | 13 | 0 EA | \$2,285.00 | \$297,050.00 |
| | | Estimated Construction Costs: | | | \$297,050.00 |
| | | | <u>Estimate</u> | ed Soft Costs | |
| | | | Engineer Legal: Fiscal: Interest: Duration | ing Design and (Months) | \$0.00 \$5,944.06 \$13,310.90 \$43,804.42 |
| | | Total Estimated Soft Costs: | | | \$63,059,38 |
| | | Total Estimated Costs: | | | \$360,109.38 |

WATER-CAPITAL FACILITY FEES-PAPILLION PARK OR COMMON AREA



Assumptions/Comments: Unit price is per the City of Papillion Master Fee Schedule for park or common area, effective OCT 1, 2016.

| | | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|------------|--|----------------------|-------------------------------|------|---------------------------------------|---|
| 1 . 2 . | OUTLOTS A, C, D OUTLOT B-PARK AREAS | | 9.9 4.8 | | \$6,385.00 \$6,385.00 | \$63,339.20 \$31,158.80 |
| | , , , , , | | Estimated Construction Costs: | F-41 | d Co# Cooks | \$94,498.00 |
| | | | | | d Soft Costs ng Design and (Months) | \$0.00 \$1,890.95 \$4,234.48 \$13,935.13 |
| | | | Total Estimated Soft Costs: | | | \$20,060.56 |
| | | | Total Estimated Costs: | | | \$114,558.56 |

WATER INTERIOR G.O.



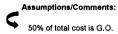
= ~

1/2 the length of pipe adjacent to parks is GO. Price difference for pipes larger than 8" is GO. Assume \$4000 8x8x8 live tap Updated with Kersten bid

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|-------------|---|----------------------|----------|----------------------|---|
| 1. | CONSTRUCT 6" D.I.P. | 35 | LF | \$26,53 | \$928.55 |
| 2. | CONSTRUCT 8" D.I.P. | 200 | | \$24.17 | \$4,834.00 |
| 3. | CONSTRUCT 10" D.I.P. (price difference) | 2.100 | | \$4.81 | \$10,101.00 |
| 4. | CONSTRUCT 10" D.I.P. | 236 | | \$28.98 | \$6,839.28 |
| | CONSTRUCT END OF MAIN HYDRANT, GATE VALVE AND TEE ASSEMBLY AND | | | V | *************************************** |
| 5. | BACKING BLOCK | 0 | EA | 3743 | \$0.00 |
| 6. | CONSTRUCT HYDRANT, GATE VALVE AND TEE ASSEMBLY | Ō | | \$3,713.00 | \$0.00 |
| 7. | CONSTRUCT 8"x8"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK | O | EA | \$330.00 | \$0.00 |
| 8. | CONSTRUCT 8"x8" x8" M.J. TEE ASSEMBLY AND BACKING BLOCK | C | EA | \$345,00 | \$0.00 |
| 9. | CONSTRUCT 10"x10"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK (Price Diff with 8") | 1 | EA | \$21.00 | \$21.00 |
| 10 . | CONSTRUCT 10"x10"x10" M.J. TEE ASSEMBLY AND BACKING BLOCK (Price Diff with 8") | 2 | EA | \$171.00 | \$342.00 |
| 11 . | CONSTRUCT 12"x12"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK | C | EA | \$414.00 | \$0.00 |
| 12 . | CONSTRUCT 12"x12"x12" M.J. TEE ASSEMBLY AND BACKING BLOCK | O | EA | \$575.00 | \$0.00 |
| 13 . | CONSTRUCT 8"x8" CROSS | C | EA | \$278.00 | \$0.00 |
| 14. | CONSTRUCT 6" M.J. GATE VALVE AND BOX | C | EA | \$877.00 | \$0.00 |
| 15 . | CONSTRUCT 8" M.J. GATE VALVE AND BOX | C | EA | \$1,162.00 | \$0.00 |
| 16 . | CONSTRUCT 10" M.J. GATE VALVE AND BOX (Price Diff with 8") | 8 | EA | \$464,00 | \$3,712.00 |
| 17. | CONSTRUCT 12" M.J. GATE VALVE AND BOX | O. | EA | \$1,955.00 | \$0.00 |
| 18 . | CONSTRUCT 8" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK | O | | \$326.00 | \$0.00 |
| 19. | CONSTRUCT 10" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK | C | | \$449.00 | \$0.00 |
| 20 . | CONSTRUCT 6" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK | C | EA | \$397.00 | \$0.00 |
| 21 . | CONSTRUCT 8" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK | C | | \$497.00 | \$0.00 |
| 22 . | CONSTRUCT 10" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK | C | | \$805.00 | \$0.00 |
| 23 . | CONSTRUCT 12" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK | O | EA | \$850.00 | \$0.00 |
| 24 . | CONSTRUCT 8" X 6" REDUCER | С | | \$140.00 | \$0.00 |
| 25 . | CONSTRUCT 10" X 8" REDUCER | 2 | | \$19.00 | \$38.00 |
| 26 . | CONSTRUCT 12" X 10" REDUCER | Q | | \$182.00 | \$0.00 |
| 27 . | CONSTRUCT 12" PIPE PLUG CONSTRUCT 12"X12"X12" LIVE TAP TEE ASSEMBLY, 12" M.J. GATE VALVE WITH BOX | C | EA | \$576.00 | \$0.00 |
| 28 . | AND BACKING BLOCK | C | EA | \$7,098.00 | \$0.00 |
| 29 . | REMOVE 8" PIPE PLUG | C | EA | \$45.00 | \$0.00 |
| 30 . | REMOVE 10" PIPE PLUG | O | EA | \$0.00 | \$0.00 |
| 31. | CONNECT TO EXISTING TEE | 2 | EA | \$1,927.00 | \$3,854.00 |
| 32 . | CONSTRUCT CHLORINE TUBE | 4 | EA | \$1,927.00 | \$7,708.00 |
| 33 , | CONSTRUCT SAMPLE TAP | 5 | EA | \$369,00 | \$1,845,00 |
| 34. | CONSTRUCT SILT FENCE | 1,190 | | \$2.48 | \$2,951.20 |
| 35 . | SEEDING - TYPE "TEMPORARY SEED MIX" | 16 | AC | \$423.50 | \$6,606.60 |
| 36 . | STRAW MULCH | 4 | AC | \$572.50 | \$2,290.00 |
| 37 . | CLEANOUT SILT BASIN | 8,686 | | \$4.25 | \$36,915.50 |
| 38 . | REMOVE, SALVAGE, AND REINSTALL END OF MAIN HYDRANT | 3 | | \$1,329.00 | \$3,987.00 |
| | PER CHANGE ORDER NO. 1 | 0 | 0 | \$0.00 | \$0.00 |
| 39 . | CONSTRUCT 10"x10"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK (Price Diff with 8") | 1 | EA | \$156.00 | \$156.00 |
| 40 . | CONSTRUCT 6" X 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK | 0 | EA EA | \$338.00 | \$0.00 |
| 41 42 | CONSTRUCT 8" X 90 DEGREE HORIZONTAL BEND WITH BACKING BLOCK CONSTRUCT 8" PIPE PLUG | u G | | \$445.00 \$230.00 | \$0.00 \$0.00 |
| 42 . | CONSTRUCT 12"X12"X8" LIVE TAP TEE ASSEMBLY, 8" M.J. GATE VALVE WITH BOX AND | 0 | EA | \$230,00 | \$0.00 |
| 43 . | BACKING BLOCK | O | EA | \$7,118.00 | \$0.00 |
| 44 . | CONSTRUCT PRESSURE REDUCING VALVE & MANHOLE | 1 | EA | \$26,359.97 | \$26,359.97 |
| | DAMAGED HYDRANT | 0 | LS | \$692,20 | \$0.00 |

| 3 EA \$1,329.00 \$3,987.00 |
| 0 0 \$0.00 \$0.00 \$0.00 |
| 1 EA \$156.00 \$156.00 \$156.00 |
| 0 EA \$338.00 \$0.00 \$0.00 |
| 0 EA \$338.00 \$0.00 \$0.00 |
| 0 EA \$445.00 \$0.00 \$0.00 |
| 0 EA \$7,118.00 \$0.00 \$0.00 |
| 1 EA \$26,359.97 \$26,359.97 \$26,359.97 \$0 LS \$692.20 \$0.00 |
| Estimated Construction Costs: \$119,489.10 |
| Estimated Soft Costs |
| Engineering Design and Construction Administration: \$16,148.16 Geotechnical and Testing: \$5,066.66 Fiscal: \$5,966.66 Fiscal: \$5,966.66 Fiscal: \$5,966.63 \$10,062.14 |
| Duration (Months) |
| Total Estimated Soft Costs: \$38,328.28 |
| Total Estimated Costs: \$157,817.38 |

WATER-CAPITAL FACILITY FEES-PAPILLION RESIDENTIAL G.O.



| | | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|----|----------------------|----------------------|-------------------------------|------|--------------|--------------|
| 1. | 50% OF TOTAL IS G.O. | | | 1 LS | \$180,054.69 | \$180,054.69 |
| | | | Estimated Construction Costs: | | | \$148,525.00 |
| | | | Estimated Soft Costs: | | | \$31,529.69 |
| | | | Total Estimated Costs: | | | \$180,054.69 |

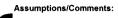
WATER-CAPITAL FACILITY FEES-PAPILLION PARK OR COMMON AREA G.O.

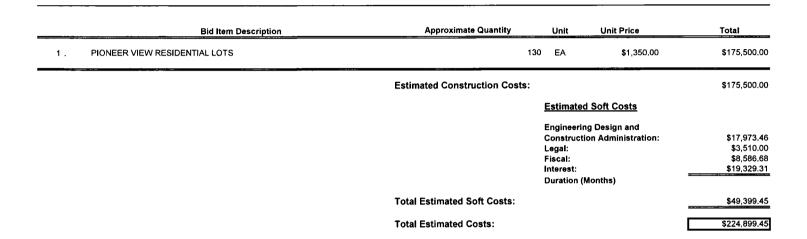
Assumptions/Comments:

50% of total cost is G.O.

| | | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|----|----------------------|----------------------|-------------------------------|------|-------------|-------------|
| 1. | 50% OF TOTAL IS G.O. | | | 1 LS | \$57,279.28 | \$57,279.28 |
| | | | Estimated Construction Costs: | | | \$47,249.00 |
| | | | Estimated Soft Costs: | | | \$10,030.28 |
| | | | Total Estimated Costs: | | | \$57,279.28 |

POWER





Plan Review Fee

Assumptions/Comments:



| | Bid Item Description | Construction Cost | Plan Review Fee | Total |
|----|------------------------------|-------------------------|------------------|-------------|
| 1. | SANITARY SEWER - PLAN REVIEW | \$9,097.81 | | \$9,097.81 |
| 2. | PAVING - PLAN REVIEW | \$10,779.63 | | \$10,779.63 |
| 3. | WATER - PLAN REVIEW | \$4,385.64 | | \$4,385.64 |
| 4. | RECORDING FEES | \$406.00 | | \$406.00 |
| | | Estimated Construction | Costs: | \$24,669.08 |
| | | <u>Est</u> | mated Soft Costs | |
| | | Fisc | al: | \$986.77 |
| | | Inte | rest: | \$2,756.30 |
| | | Dura | ation (Months) | |
| | | Total Estimated Soft Co | ests: | \$3,743.07 |
| | | Total Estimated Costs: | | \$28,412.15 |

Exhibit G-2

Development Cost Estimate

PIONEER VIEW PHASE 2 IMPROVEMENTS 0114052.22-003 SID No. 305 4/10/2020

ORDER OF MAGNITUDE COST ESTIMATE PIONEER VIEW PHASE 2

| Proposed Improvement | Quantity | Unit | Construction Cost | Total Cost | General Obligation | Special | Reimbursable |
|--|----------|------|----------------------|----------------|-----------------------|--------------|--------------|
| SANITARY SEWER | | | | | | | |
| Interior | 6050 | LF | \$549,100.00 | \$752,600.00 | \$55,000.00 | \$697,600.00 | \$0.00 |
| STORM SEWER | | | | | | | |
| Interior | 1285 | LF | \$183,600.00 | \$259,900.00 | \$259,900.00 | \$0.00 | \$0.00 |
| Fricke Creek | 70 | LF | \$557,000.00 | \$781,700.00 | \$781,700.00 | \$0.00 | \$0.00 |
| PAVING | | | | | | | |
| Minor | 24000 | SY | \$1,124,400.00 | \$1,429,000.00 | \$450,200.00 | \$978,800.00 | \$0.00 |
| Major ¹ | 3500 | SY | \$375,700.00 | \$523,100.00 | \$523,100.00 | \$0.00 | \$0.00 |
| Reimbursement to Sarpy County | 1 | LS | \$40,700.00 | \$45,900.00 | \$45,900.00 | \$0.00 | \$0.00 |
| SIDEWALKS | 17937 | SF | \$90,000.00 | \$127,400.00 | \$127,400.00 | \$0.00 | \$0.00 |
| Regulatory Signage | 1 | LS | \$19,700.00 | \$28,800.00 | \$28,800.00 | \$0.00 | \$0.00 |
| PARKS | | | | | | | |
| Acquisition | 12.35 | AC | \$192,700.00 | \$220,900.00 | \$220,900.00 | \$0.00 | \$0.00 |
| Improvements | 41100 | SF | \$147,500.00 | \$208,800.00 | \$208,800.00 | \$0.00 | \$0.00 |
| WATER | | | | | | | |
| Interior | 8225 | LF | \$515,200.00 | \$706,100.00 | \$136,600.00 | \$569,500.00 | \$0.00 |
| Off-Site | 0 | LF | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Capital Facilities Charge Residential | 102 | Lots | \$244,800.00 | \$289,500.00 | \$144,700.00 | \$144,800.00 | \$0.00 |
| Capital Facilities Charge Commons | 30.60 | AC | \$205,200.00 | \$242,600.00 | \$121,300.00 | \$121,300.00 | \$0.00 |
| POWER | 102 | Lots | \$137,700.00 | \$175,000.00 | \$0.00 | \$175,000.00 | \$0.00 |
| UTILITY RELOCATION | 1 | LS | \$531,900.00 | \$648,000.00 | \$0.00 | \$648,000.00 | \$0.00 |
| PLAN REVIEW FEE | 1 | % | \$29,900.00 | \$33,500.00 | \$18,000.00 | \$15,500.00 | \$0.00 |

Total \$4,945,100.00 \$6,472,800.00 \$3,122,300.00 \$3,350,500.00 \$0.00

^{1 66}th Street Improvments will be delayed until the connection of 66th Street to Gile occurrs

DEBT RATIO - PIONEER VIEW PHASE 2

| ASSUMPTIONS | = | | | | |
|---|----------------|---------|-----------------|-----|-----------------|
| Average market Value Per Residential Home (Land Value Only) | = \$76,000.00 | | | | |
| Average Market Value Per Residential Lot (Improvement Only) | = \$300,000.00 | | | | |
| Commercial Land Value per square foot | = | | | | |
| Commercial Building Value per square foot | = | | | | |
| Apartment Land per square foot | = | | | | |
| Apartment Building per square foot | = | | | | |
| ASSESSABLE VALUATION | = | | | | |
| Residential Lot | 102 | Units = | \$76,000.00 | = | \$7,752,000.00 |
| Residential Improvements | 102 | Units = | \$300,000.00 | = | \$30,600,000.00 |
| Commercial Land | | AC = | \$0.00 | = | \$0.00 |
| Commercial Building | | SF = | \$0.00 | = | \$0.00 |
| Apartment Land | | AC = | \$0.00 | = | \$0.00 |
| Apartment Building | | Units = | \$0.00 | =_ | \$0.00 |
| | | Total | 100% Valuation | = | \$38,352,000.00 |
| | | Tota | I 95% Valuation | = | \$36,434,400.00 |
| | | | DEBT RATIO | = [| 8.57% |

SANITARY SEWER - INTERIOR

Assumptions/Comments:

Connection fees shall be collected at time of building permit.

8" Sanitary Sewer actual quantity 5,752 LF 6" Sanitary Sewer actual quantity 3,060 LF UPDATED based on TAB REVISED BID

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|------|--|----------------------|-------|--------------|--------------|
| 1. | CLEARING AND GRUBBING GENERAL | 1 | LS | \$20,102.00 | \$20,102.00 |
| 2. | CONSTRUCT 6" SANITARY SEWER PIPE | 3,225 | LF | \$26.55 | \$85,623.75 |
| 3. | CONSTRUCT 8" SANITARY SEWER PIPE | 6,050 | LF | \$26.75 | \$161,837.50 |
| 4. | CONSTRUCT 12" X 6" WYE ON EXISTING 12" SANITARY SEWER | 2 | EA | \$876.50 | \$1,753.00 |
| 5. | CONSTRUCT 54" I.D. SANITARY MANHOLE (26 EA) | 306 | VF | \$464.80 | \$142,228.80 |
| 6 | CONSTRUCT 54" I.D. SANITARY MANHOLE > 20' (1 EA) | 22 | VF | \$351.45 | \$7,731.90 |
| 7. | ADJUST EXISTING MANHOLE TO GRADE (3 EA) | 20 | VF | \$283.70 | \$5,674.00 |
| 8. | CONSTRUCT 8" DROP MANHOLE CONNECTION | 8 | VF | \$428.05 | \$3,424.40 |
| 9. | CONSTRUCT 8" X 6" WYE | 74 | EA | \$64.90 | \$4,802.60 |
| | CONSTRUCT 54" I.D. SANITARY MANHOLE OVER EXISTING | | | | |
| 10. | SANITARY PIPE (1 EA) | 15 | VF | \$508.30 | \$7,624.50 |
| 11 . | CONSTRUCT 6" MANHOLE STUBOUT | 28 | EA | \$6.05 | \$169.40 |
| 12. | CONSTRUCT TAP INTO EXISTING 54" I.D. SANITARY MANHOLE (1 EA) | 1 | EA | \$1,002.30 | \$1,002.30 |
| 13 . | CONSTRUCT 6" PIPE BEDDING | 3,225 | LF | \$3.85 | \$12,416.25 |
| 14 . | CONSTRUCT 8" PIPE BEDDING | 6,050 | LF | \$4.30 | \$26,015.00 |
| 15. | STABILIZATION TRENCH W/ CRUSHED LIMESTONE | 2,000 | TN | \$27.00 | \$54,000.00 |
| 16. | EXCAVATION FOR EXTRA DEEP SANITARY SEWER | 1,135 | VF-LF | \$7.60 | \$8,626.00 |
| 17. | CONSTRUCT MANHOLE RING COLLAR | 1 | EA | \$540.70 | \$540.70 |
| 18 . | EXTERNAL FRAME SEAL | 1 | EA | \$338.10 | \$338.10 |
| | CONTINGENCY | 5% | | \$543,910.20 | \$27,195.51 |
| | EJM BOND (proportional per Tab's bid between Sanitary and Storm) | 73% | | -\$30,000.00 | -\$21,996.55 |

Estimated Soft Costs

| 15.00% | Engineering Design and Construction Administration: | |
|--------|---|-------------|
| 15,00% | Construction Administration: | \$82,366.37 |
| 2.00% | Geotechnical and Testing: | \$10,982.18 |
| 5.00% | Legal: | \$27,455.46 |
| 5.00% | Fiscal: | \$33,495.66 |
| 7.00% | Interest: | \$49,238.62 |
| 12 | Duration (Months) | |

Total Estimated Soft Costs:

\$203,538.29

Total Estimated Costs:

\$752,647.45

\$54,958.67

SANITARY SEWER - INTERIOR G.O.

Assumptions/Comments:

Assumes 1/2 sanitary pipe and 1/2 MH vertical feet next to parks is GO. 1250 LF adjacent to park does not include area adjacent to water quality outlot UPDATED based on TAB REVISED BID

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | | Total |
|------|---|------------------------|--------------------------|-------------------------------------|-----|-------------|
| 1. | CLEARING AND GRUBBING GENERAL | 0 | LS | \$20,102.00 | | \$0.00 |
| 2. | CONSTRUCT 6" SANITARY SEWER PIPE | 0 | LF | \$26.55 | | \$0.00 |
| 3. | CONSTRUCT 8" SANITARY SEWER PIPE | 625 | LF | \$26.75 | | \$16,718.75 |
| 4. | CONSTRUCT 12" X 6" WYE ON EXISTING 12" SANITARY SEWER | 0 | EA | \$876.50 | | \$0.00 |
| 5. | CONSTRUCT 54" I.D. SANITARY MANHOLE (2.5 EA) | 30 | VF | \$464.80 | | \$13,944.00 |
| 6. | CONSTRUCT 54" I.D. SANITARY MANHOLE > 20' (1 EA) | 0 | VF | \$351.45 | | \$0.00 |
| 7. | ADJUST EXISTING MANHOLE TO GRADE (3 EA) | 0 | VF | \$283.70 | | \$0.00 |
| 8. | CONSTRUCT 8" DROP MANHOLE CONNECTION | 0.5 | VF | \$428.05 | | \$214.03 |
| 9. | CONSTRUCT 8" X 6" WYE | 0 | EA | \$64.90 | | \$0.00 |
| | CONSTRUCT 54" I.D. SANITARY MANHOLE OVER EXISTING | | | | | |
| 10 . | SANITARY PIPE (1 EA) | 0 | VF | \$508.30 | | \$0.00 |
| 11. | CONSTRUCT 6" MANHOLE STUBOUT | 0 | EA | \$6.05 | | \$0.00 |
| 12 . | CONSTRUCT TAP INTO EXISTING 54" I.D. SANITARY MANHOLE (1 EA) | 1 | EA | \$1,002.30 | | \$1,002,30 |
| 13. | CONSTRUCT 6" PIPE BEDDING | 0 | LF | \$3,85 | | \$0.00 |
| 14 . | CONSTRUCT 8" PIPE BEDDING | 625 | LF | \$4.30 | | \$2,687.50 |
| 15 . | STABILIZATION TRENCH W/ CRUSHED LIMESTONE | 50 | TN | \$27.00 | | \$1,350.00 |
| 16 . | EXCAVATION FOR EXTRA DEEP SANITARY SEWER | 500 | VF-LF | \$7.60 | | \$3,800.00 |
| 17 . | CONSTRUCT MANHOLE RING COLLAR | 0 | EA | \$540.70 | | \$0.00 |
| 18 . | EXTERNAL FRAME SEAL | 0 | EA | \$338.10 | | \$0.00 |
| | CONTINGENCY | 5% | | \$39,716.58 | | \$1,985.83 |
| | EJM BOND (proportional per total const cost and GO cost less contingency) | 7% | | -\$21,996.55 | | -\$1,606.20 |
| | | Estimated Construction | on Costs: | ·· | | \$40,096.21 |
| | | , | Estimated | d Soft Costs | | |
| | | | | | | |
| | | | • | ng Design and on Administration: | | \$6,014.43 |
| | | 2.00% | Geotechni | cal and Testing: | | \$801.92 |
| | | 5.00% | Legal: | | | \$2,004.81 |
| | | 5.00% | Fiscal: | | | \$2,445.87 |
| | | | Interest: Duration (I | Months) | | \$3,595.43 |
| | | Total Estimated Soft (| | | 37% | \$14,862,46 |

Total Estimated Costs:

STORM SEWER

Assumptions/Comments:

Actual Quantities: 18" RCP - 197 LF, 24" RCP - 372 LF and 30" RCP - 635 LF UPDATED based on TAB REVISED BID

| CONSTRUCT 18" R.C.P., CLASS III 210 LF \$46.30 \$37.23 CONSTRUCT 24" R.C.P., CLASS III 400 LF \$45.35 \$18.140 CONSTRUCT 30" R.C.P., CLASS III 675 LF \$63.45 \$42.226 CONSTRUCT 18" PIPE BEDDING 210 LF \$4.50 \$845 CONSTRUCT 24" R.C.P. EDDING 400 LF \$4.70 \$18.80 CONSTRUCT 30" PIPE BEDDING 400 LF \$4.70 \$18.80 CONSTRUCT 30" PIPE BEDDING 675 LF \$6.95 \$4.891 CONSTRUCT 30" PIPE BEDDING 675 LF \$6.95 \$4.891 CONSTRUCT 30" PIPE BEDDING 675 LF \$6.95 \$4.891 CONSTRUCT 30" R.C. FLARED END SECTION WBAR GRATE 1 EA \$1.749.50 \$17.49 CONSTRUCT 24" R.C. FLARED END SECTION WBAR GRATE 1 EA \$2.022.60 \$2.032 CONSTRUCT 30" R.C. FLARED END SECTION WBAR GRATE 2 EA \$2.07.83.0 \$5.416 CONSTRUCT 30" R.C. VERTICAL PIPE BEDDING 1 EA \$583.70 \$5893 CONSTRUCT 30" R.C. VERTICAL PIPE BEDDING 1 EA \$583.70 \$5893 CONSTRUCT 30" R.C. VERTICAL PIPE BEDDING 1 EA \$583.70 \$5893 CONSTRUCT 80CK RIP-RAP - TYPE "A" 30 TON \$78.90 \$2.267 STABILIZE TRENCH W TYPE "A" 81 TON \$78.90 \$2.267 STABILIZE TRENCH W TYPE "A" RIP-RAP 200 TN \$52.90 SEDING - TYPE "TEMPORARY SEED IMX" 2 AC \$325.00 SEDING - TYPE "TEMPORARY SEED IMX" 2 AC \$325.00 SEDING - TYPE "TEMPORARY SEED IMX" 2 AC \$325.00 CLEANOUT SILT BASIN STORM SEWER - del / co 1 1 LS \$60,000.00 CLEANOUT SILT FENCE CONSTRUCT SILT FENCE 1,000 LF \$2.10 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$60,000.00 CONSTRUCT SILT FENCE 1,000 LF \$2.10 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3.000.00 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3.000.00 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3.000.00 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3.000.00 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3.000.00 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3.000.00 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3.000.00 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3.000.00 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3.000.00 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3.000.00 CONTROLTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3.000.00 CONTROLTOR FEE FOR REIMBUR | | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |] |
|---|-------------|---|------------------------|-----------------|---|----------|----------|
| CONSTRUCT 18" R. C.P., CLASS III 210 LF \$46.30 \$37.23 CONSTRUCT 24" R. C.P., CLASS III 400 LF \$45.35 \$18.140 CONSTRUCT 30" R. C.P., CLASS III 675 LF \$63.45 \$42.285 CONSTRUCT 18" PIPE BEDDING 210 LF \$4.50 \$845 CONSTRUCT 30" PIPE BEDDING 400 LF \$4.70 \$1.860 CONSTRUCT 30" PIPE BEDDING 600 LF \$4.70 \$1.860 CONSTRUCT 30" PIPE BEDDING 675 LF \$6.95 \$4.891 CONSTRUCT 30" R. C. FLARED END SECTION WBAR GRATE 1 EA \$1.749.50 \$17.49 CONSTRUCT 30" R. C. FLARED END SECTION WBAR GRATE 2 EA \$2.008.30 \$5.416 CONSTRUCT 30" R. C. FLARED END SECTION WBAR GRATE 1 EA \$5.93.70 \$5.93 CONSTRUCT 30" R. C. FLARED END SECTION WBAR GRATE 2 EA \$2.008.30 \$5.416 CONSTRUCT 30" R. C. FLARED END SECTION WBAR GRATE 2 EA \$2.008.30 \$5.416 CONSTRUCT 30" R. C. FLARED END SECTION WBAR GRATE 2 EA \$2.008.30 \$5.416 CONSTRUCT 30" R. C. FLARED END SECTION WBAR GRATE 3 EA \$5.93.70 \$5.930 CONSTRUCT 30" R. C. FLARED END SECTION WBAR GRATE 3 EA \$5.93.70 \$5.930 CONSTRUCT 30" R. C. FLARED END SECTION WBAR GRATE 3 EA \$5.93.70 \$5.930 CONSTRUCT 30" R. C. FLARED END SECTION WBAR GRATE 3 EA \$5.93.70 \$5.930 CONSTRUCT 30" R. C. FLARED END SECTION SE | . GENERAL C | SRADING AND SHAPING | 1 | LS | \$1,454.30 | \$ | 1.454.30 |
| CONSTRUCT 30" R.C. CLASS III 675 | | | 210 | | | | 9.723.00 |
| CONSTRUCT 3P PC BEDDING CONSTRUCT 18* PPC BEDDING CONSTRUCT 3P PC FLARED END SECTION W/BAR GRATE 1 EA \$2,02.60 CONSTRUCT 3P R.C. FLARED END SECTION W/BAR GRATE 1 EA \$2,02.60 CONSTRUCT 3P R.C. FLARED END SECTION W/BAR GRATE 1 EA \$2,02.60 CONSTRUCT 3P R.C. FLARED END SECTION W/BAR GRATE 1 EA \$2,02.60 CONSTRUCT 3P R.C. FLARED END SECTION W/BAR GRATE 1 EA \$2,03.60 CONSTRUCT 3P R.C. FLARED END SECTION W/BAR GRATE 1 EA \$2,03.60 CONSTRUCT 3P R.C. FLARED END SECTION W/BAR GRATE 1 EA \$2,03.60 CONSTRUCT 3P R.C. FLARED END SECTION W/BAR GRATE 1 EA \$2,03.60 CONSTRUCT 3P R.C. FLARED END SECTION W/BAR GRATE 1 EA \$2,03.60 CONSTRUCT 3P R.C. FLARED END SECTION W/BAR GRATE 1 EA \$2,03.60 CONSTRUCT 3P R.C. FLARED END SECTION CRUB-4P LIMESTONE 200 TN \$32.05 SECONSTRUCT 3P R.C. FLARED END SECTION CRUB-4P LIMESTONE 200 TN \$32.05 SECONSTRUCT 3P REPORARY SECONSTRUCT 200 TN \$32.05 SECONSTRUCT 3P REPORATION SECONSTRUCT 200 TN \$32.05 SECONSTRUCT 3P REPORT 200 TN \$32.05 SECON | | | | | | • | |
| CONSTRUCT 18* PIPE BEDDING CONSTRUCT 24* PIPE BEDDING CONSTRUCT 24* PIPE BEDDING CONSTRUCT 39* PIPE BEDDING CONSTRUCT 39* PIPE BEDDING CONSTRUCT 18* RC, FLARED END SECTION W/BAR GRATE 1 EA \$1,749.50 \$17,494. CONSTRUCT 39* RC, FLARED END SECTION W/BAR GRATE 2 EA \$2,032.60 \$2,032. CONSTRUCT 39* RC, FLARED END SECTION W/BAR GRATE CONSTRUCT 39* RC, VERTICAL PIPE BEND 1 EA \$2,793.00 \$3540 CONSTRUCT ROCK RIFE APA - TYPE** 3 0 TON \$79.80 \$2,367 STABILIZE TRENCH W/ TYPE "A* RIP-RAP 200 TN \$32.05 \$3600 ROLLED GROSION CONTROL, TYPE "I BMOORARY SECONDS." PART SECONDS." PROVIDED THE TEMPORARY SECONDS." PROVIDED THE TEMPORARY SECONDS." ROLLED GROSION CONTROL, TYPE "I BMOORARY SECONDS." CLEANOUT SILT BASIN STORM SEWER - del / co 1 LS \$30.00 CONSTRUCT SILT FENCE CONTROL SILT BASIN STORM SEWER - del / co 1 LS \$47.557.50 \$47.557 CONTROL SILT BASIN STORM SEWER - del / co 1 LS \$47.557.50 \$47.557 CONTROL SILT BASIN STORM SEWER - del / co 1 LS \$47.557.50 \$47.557 CONTROL SILT BASIN STORM SEWER - del / co 1 LS \$47.557.50 \$47.557 CONTROL SILT BASIN STORM SEWER - del / co 1 LS \$47.557.50 \$47.557 CONTROL SILT BASIN STORM SEWER - del / co 1 LS \$47.557.50 \$47.557 CONTROL SILT BASIN STORM SEWER - del / co 1 LS \$47.557.50 \$47.557 CONTROL SILT BASIN STORM SEWER - del / co 1 LS \$47.557.50 \$47.557 CONTROL SILT BASIN STORM SEWER - del / co 1 LS \$47.557.50 \$47.557 CONTROL SILT BASIN STORM SEWER - del / co 1 LS \$47.557.50 \$47.557 CONTROL SILT BASIN STORM SEWER - del / co 1 LS \$47.557.50 \$47.557 CONTROL SILT BASIN STORM SEWER - del / co 1 LS \$47.557.50 \$47.557 CONTROL SILT BASIN STORM SEWER - del / co 1 LS \$47.557.50 \$47.557 CONTROL SILT BASIN STORM SEWER - del / co 1 LS \$47.557.50 \$47.557 CONTROL SEWER - del / | | | | | · | · | |
| CONSTRUCT 24" PIPE BEDDING CONSTRUCT 30" PIE BEDDING CONSTRUCT 30" R.C. FLARED END SECTION W/BAR GRATE CONSTRUCT ROCK RIP-RAP - TYPE** 30 TON \$78.90 \$2.307 STABILIZE TRENCH W/CRUSHED LIMESTONE 20 TN \$32.05 SA110 STABILIZE TRENCH W/TYPE** STABILIZE TRENCH W/TYPE** STABILIZE TRENCH W/TYPE** STABILIZE TRENCH W/TYPE** CELANOUT SILT FENCE ROLLED EROSION CONTROL, TYPE II 1,000 SY \$11.45 S14.90 CLEANOUT SILT BASIN SOUD LF \$0.50 CLEANOUT SILT FENCE 1,000 CLEANOUT SILT FENCE 1,000 CONSTRUCT SILT FENCE 1,000 CONSTRUCT SILT FENCE 1,000 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$0.00,000 S0 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$2.377.88 \$2.377 CONTRACTOR FEE FOR REIMBURSEMENT 1 LS \$47.557.50 \$47.557 CONTRACTOR FEE FOR REIMBURSEMENT 1 LS \$2.377.88 \$2.377 CONTRACTOR FEE FOR REIMBURSEMENT 20.00% Construction Administration: 536.715 CONTRACTOR FEE FOR REIMBURSEMENT 20.00% Construction Administration: 20.00% Construction Admin | | | 210 | LF | • | | \$945.0 |
| CONSTRUCT 30° PIPE BEDDING CONSTRUCT 30° PIPE BEDDING CONSTRUCT 32° R.C. FLARED END SECTION W/BAR GRATE CONSTRUCT 24° R.C. FLARED END SECTION W/BAR GRATE CONSTRUCT 24° R.C. FLARED END SECTION W/BAR GRATE 1 EA \$2,032.60 \$2,032 CONSTRUCT 30° R.C. FLARED END SECTION W/BAR GRATE 1 EA \$2,032.60 \$2,032 CONSTRUCT 30° R.C. FLARED END SECTION W/BAR GRATE 1 EA \$2,032.60 \$2,032 CONSTRUCT 30° R.C. VERTICAL PIPE BEND 1 EA \$393.70 \$593 CONSTRUCT ROCK RIP-RAP - TYPE "A" 30 TON \$78.90 \$2,347 STABILIZE TRENCH W/ CRUSHED LIMESTONE 200 TN \$32.05 \$6,410 STABILIZE TRENCH W/ TYPE "A" RIP-RAP 200 TN \$59.65 \$11,970 SEEDING - TYPE "EMPORARY SEED MIX" 2 AC \$3325.00 \$850 ROLLED EROSION CONTROL, TYPE II 1,000 SY \$1.45 \$1,450 CLEANOUT SILT FENCE 1,000 LF \$0.50 \$500 CLEANOUT SILT FENCE 1,000 LF \$0.50 \$500 CONSTRUCT SILT FENCE 1,000 LF \$0.50 \$500 CONSTRUCT SILT FENCE 1,000 LF \$0.50 \$500 CONSTRUCT SILT FENCE 1,000 LF \$0.50 \$500 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3,000.00 \$0 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$2,377.88 \$2,377 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$2,377.88 \$2,377 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$2,377.88 \$2,377 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$2,377.88 \$2,377 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$2,377.88 \$2,377 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$2,377.88 \$2,377 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$2,377.88 \$2,377 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3,000.00 \$300 CD SECONDATE CONTRACTOR SEED REIMBURSEMENT - del / co 1 1 LS \$3,000.00 \$300 CD SECONDATE CONTRACTOR SEED REIMBURSEMENT - del / co 1 1 LS \$3,000.00 \$300 CD SECONDATE CONTRACTOR SEED REIMBURSEMENT - del / co 1 1 LS \$3,000.00 \$300 CD SECONDATE CONTRACTOR SEED REIMBURSEMENT - del / co 1 LS \$3,000.00 \$300 CD SECONDATE CONTRACTOR SEED REIMBURSEMENT - del / co 1 LS \$3,000.00 \$300 CD SECONDATE CONTRACTOR SEED REIMBURSEMENT - del / co 1 LS \$3,000.00 \$300 CD SECONDATE CONTRACTOR SEED REIMBURSEMENT - del / co 1 LS \$3,000.00 \$300 CD SEC | | | | | | | |
| CONSTRUCT 18" R.C. FLARED END SECTION WBAR GRATE CONSTRUCT 24" R.C. FLARED END SECTION WBAR GRATE 1 EA \$2,032.60 \$2,032 CONSTRUCT 30" R.C. FLARED END SECTION WBAR GRATE 1 EA \$2,032.60 \$2,032 CONSTRUCT 30" R.C. FLARED END SECTION WBAR GRATE 1 EA \$2,032.60 \$3,030 CONSTRUCT 30" R.C. VERTICAL PIPE BEND 1 EA \$593.70 \$593 CONSTRUCT ROCK RIP-RAP - TYPE "A" 30 TON \$78.90 \$2,367 STABILIZE TRENCH W CRUSHED LIMESTONE 200 TN \$35.05 \$94.10 STABILIZE TRENCH W TYPE "A" RIP-RAP 200 TN \$35.05 \$94.10 STABILIZE TRENCH W TYPE "A" RIP-RAP 200 TN \$35.05 \$94.10 SEEDING - TYPE "TEMPORARY SEED MIX" 2 AC \$325.00 \$5500 ROLLED EROSION CONTROL. TYPE II 1.000 SY \$1.45 \$1,450 CLEANOUT SILT FENCE 1.000 LF \$0.50 \$500 CLEANOUT SILT FENCE 1.000 LF \$0.50 \$500 CONSTRUCT SILT FENCE 1.000 LF \$0.50 \$500 CONSTRUCT SILT FENCE 1.000 LF \$0.50 \$500 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$60,000.00 \$00 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$2,377.88 \$2,377 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$2,377.88 \$2,377 CONTRACTOR FEE FOR REIMBURSEMENT 1 LS \$2,377.88 \$2,377 CONTRACTOR FEE FOR REIMBURSEMENT 2 SETIMATED CONSTRUCTION COSTS: Estimated Construction Costs: **Estimated Soft Costs** **Estimated Soft C | | | | LF | • | - | , |
| CONSTRUCT 24" R.C. FLARED END SECTION WIBAR GRATE CONSTRUCT 30" R.C. FLARED END SECTION WIBAR GRATE CONSTRUCT 30" R.C. FLARED END SECTION WIBAR GRATE CONSTRUCT 30" R.C. VERTICAL PIPE BEND 1 EA \$593.70 \$593 CONSTRUCT ROCK RIP-RAP - TYPE "A" 30 TON \$78.90 \$2.367 STABILIZE TRENCH WI CRUSHED LIMESTONE 200 TN \$52.05 SACHILIZE TRENCH WI TYPE "A" RIP-RAP 200 TN \$59.85 \$11.970 SEEDING - TYPE "ENPOPRARY SEED MIX" 2 AC \$325.00 \$560 ROLLED EROSION CONTROL, TYPE II 1,000 SY \$1.45 \$1.455 CLEANOUT SILT FENCE 1,000 LF \$0.50 CLEANOUT SILT FENCE 1,000 LF \$0.50 CONSTRUCT SILT FENCE 1,000 LF \$2.10 REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER - del / co 1 REIMBURSEME | | | 1 | | · · | | , |
| CONSTRUCT 30" R.C. VERTICAL PIPE BEND CONSTRUCT 30" R.C. VERTICAL PIPE 1" 30 TON \$79.90 \$2.387 STABILIZE TRENCH W/ CRUSHED LIMESTONE STABILIZE TRENCH W/ TYPE "A" 19.00 TN \$32.05 \$6.410 STABILIZE TRENCH W/ TYPE "A" RIP-RAP 200 TN \$59.85 \$11.970 SEEDING -TYPE "EMPORARY SEED MIX" 2 AC \$325.00 \$5850 ROLLED EROSION CONTROL, TYPE II 1,000 SY \$1.45 \$1.450 CLEANOUT SILT BASIN 5,000 CY \$4.00 CLEANOUT SILT FENCE 1,000 LF \$0.50 CONSTRUCT SILT FENCE 1,000 LF \$0.50 CONSTRUCT SILT FENCE 1,000 LF \$0.50 CONSTRUCT SILT FENCE 1,000 LF \$0.00 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$60,000.00 S0 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3,000.00 S0 CHANGE ORDER 1 REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 1 LS \$47,557.50 \$47,557 CONTRACTOR FEE FOR REIMBURSEMENT 1 LS \$2,377.88 \$2,377 CONTRACTOR FEE FOR REIMBURSEMENT 1 LS \$2,377.88 \$2,377 CONTRACTOR FEE FOR REIMBURSEMENT 1 LS \$2,377.88 \$2,377 Estimated Construction Costs: Engineering Design and 20,000 Construction Administration: 1,000 Geotechnical and Testing: \$1,835 5,000 Legal: \$9,178 5,000 Fiscal: 7,000 Interest: 1 Duration (Months) Total Estimated Soft Costs: 42% \$76,297 | | | 1 | EA | | | 2,032.6 |
| CONSTRUCT 30" R.C. VERTICAL PIPE BEND CONSTRUCT 30" R.C. VERTICAL PIPE 1" 30 TON \$79.90 \$2.387 STABILIZE TRENCH W/ CRUSHED LIMESTONE STABILIZE TRENCH W/ TYPE "A" 19.00 TN \$32.05 \$6.410 STABILIZE TRENCH W/ TYPE "A" RIP-RAP 200 TN \$59.85 \$11.970 SEEDING -TYPE "EMPORARY SEED MIX" 2 AC \$325.00 \$5850 ROLLED EROSION CONTROL, TYPE II 1,000 SY \$1.45 \$1.450 CLEANOUT SILT BASIN 5,000 CY \$4.00 CLEANOUT SILT FENCE 1,000 LF \$0.50 CONSTRUCT SILT FENCE 1,000 LF \$0.50 CONSTRUCT SILT FENCE 1,000 LF \$0.50 CONSTRUCT SILT FENCE 1,000 LF \$0.00 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$60,000.00 S0 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3,000.00 S0 CHANGE ORDER 1 REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 1 LS \$47,557.50 \$47,557 CONTRACTOR FEE FOR REIMBURSEMENT 1 LS \$2,377.88 \$2,377 CONTRACTOR FEE FOR REIMBURSEMENT 1 LS \$2,377.88 \$2,377 CONTRACTOR FEE FOR REIMBURSEMENT 1 LS \$2,377.88 \$2,377 Estimated Construction Costs: Engineering Design and 20,000 Construction Administration: 1,000 Geotechnical and Testing: \$1,835 5,000 Legal: \$9,178 5,000 Fiscal: 7,000 Interest: 1 Duration (Months) Total Estimated Soft Costs: 42% \$76,297 | | | 2 | EA | | · | , |
| CONSTRUCT ROCK RIP-RAP - TYPE "A" 30 TON \$78,90 \$2,367 \$TABILIZE TRENCH W/ CRUSHED LIMESTONE 200 TN \$32,05 \$3,410 \$TABILIZE TRENCH W/ TYPE "A" RIP-RAP 200 TN \$32,05 \$3,410 \$TABILIZE TRENCH W/ TYPE "A" RIP-RAP 200 TN \$32,05 \$3,410 \$SEDING - TYPE "TEMPORARY SEED MIX" 2 AC \$325,00 \$850 ROLLED EROSION CONTROL, TYPE II 1,000 SY \$1,45 \$1,455 CLEANOUT SILT BASIN 5,000 CY \$4,00 \$20,000 CLEANOUT SILT FENCE 1,000 LF \$0,50 \$500 CONSTRUCT SILT FENCE 1,000 LF \$2,10 \$2,100 REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER - del / co 1 1 LS \$30,000,00 \$0 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3,000,00 \$0 CHANGE ORDER 1 REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 1 LS \$47,557,50 \$47,557 CONTRACTOR FEE FOR REIMBURSEMENT 1 LS \$47,557,50 \$47,557 CONTINGENCY 5% \$134,901,70 \$6,745 EJM BOND (proportional per Tab's bid between Sanitary and Storm) 27% -\$30,000,00 -\$8,003 Estimated Construction Costs: \$183,578 Estimated Soft Costs Engineering Design and 20,000 Construction Administration: \$36,715 1,000 Geotechnical and Testing: \$1,835 5,000 Legal: \$9,178 5,000 Fiscal: \$9,178 5,000 Fiscal: \$1,555 7,000 Interest: \$1,000 Total Estimated Soft Costs: \$17,001 | | | 1 | EA | | | \$593.7 |
| STABILIZE TRENCH W CRUSHED LIMESTONE 200 TN \$32.05 \$6.410 | | | 30 | TON | | | 2.367.0 |
| STABILIZE TRENCH WI TYPE "A" RIP-RAP SEEDING - TYPE "TEMPORARY SEED MIX" SEEDING - TYPE "TEMPORARY SEED MIX" ROLLED EROSION CONTROL, TYPE II 1,000 SY \$1.45 \$1,450 CLEANOUT SILT BASIN CLEANOUT SILT FENCE 5,000 CY \$4.00 \$20,000 CLEANOUT SILT FENCE 1,000 LF \$2.10 \$2,100 REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER - del / co 1 1 LS \$60,000,00 \$0 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$47,557,50 \$47,557 CONTRACTOR FEE FOR REIMBURSEMENT 1 LS \$2,377.88 \$2,377 CONTRACTOR FEE FOR REIMBURSEMENT 1 LS \$2,377.88 \$2,377 CONTINGENCY 5% \$134,901.70 \$6,745 EJM BOND (proportional per Tab's bid between Sanitary and Storm) 27% -\$30,000,00 -\$8,003 Estimated Construction Costs: \$183,578 Engineering Design and 20,00% Construction Administration: \$36,715 1,00% Geotechnical and Testing: \$1,835 5,00% Legal: \$1,555 7,00% Interest: \$11,555 7,00% Interest: \$11, | | | 200 | | | • | |
| SEEDING - TYPE "TEMPORARY SEED MIX" | | | | | | | |
| ROLLED EROSION CONTROL, TYPE II 1,000 SY \$1.45 \$1.45 CLEANOUT SILT BASIN 5,000 CY \$4.00 \$20,000 CLEANOUT SILT FENCE 1,000 LF \$0.50 \$500 CONSTRUCT SILT FENCE 1,000 LF \$0.50 \$500 CONSTRUCT SILT FENCE 1,000 LF \$0.210 \$2,100 CONSTRUCT SILT FENCE 1,000 LF \$0.50 \$500 CONTRACTOR FER FOR REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER - del / co 1 1 LS \$0,000,00 \$0 CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 1 LS \$3,000,00 \$0 CONTRACTOR FEE FOR REIMBURSEMENT SILT BASIN STORM SEWER 1 LS \$47,557.50 \$47,557 CONTRACTOR FEE FOR REIMBURSEMENT 1 LS \$2,377.88 \$2,377 CONTRACTOR FEE FOR REIMBURSEMENT 1 LS \$2,377.88 \$2,377 CONTINGENCY 5% \$134,901.70 \$6,745 EJM BOND (proportional per Tab's bid between Sanitary and Storm) 27% -\$30,000.00 -\$8,003 Estimated Construction Costs: \$183,578 Estimated Soft Costs | | | 2 | | · | | \$650.0 |
| CLEANOUT SILT BASIN 5,000 CY \$4.00 \$20,000 | | | | | | | |
| CLEANOUT SILT FENCE | | | • | | • | | , |
| CONSTRUCT SILT FENCE | | | , | | | · | \$500.0 |
| REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER - del / co 1 | | | | | • | | |
| CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 | | | , | | • | • | \$0.0 |
| REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER 1 LS \$47,557.50 \$47,557 CONTRACTOR FEE FOR REIMBURSEMENT 1 LS \$2,377.88 \$2,377 | | | 1 | LS | \$3,000.00 | | \$0.0 |
| CONTRACTOR FEE FOR REIMBURSEMENT CONTINGENCY 5% \$134,901.70 \$6,745 EJM BOND (proportional per Tab's bid between Sanitary and Storm) 27% -\$30,000.00 -\$8,003 Estimated Construction Costs: \$183,578 Estimated Soft Costs Engineering Design and 20,00% Construction Administration: \$36,715 1,00% Geotechnical and Testing: \$1,835 5,00% Legal: \$9,178 5,00% Fiscal: \$9,178 5,00% Interest: \$11,505 7,00% Interest: \$11,505 12 Duration (Months) Total Estimated Soft Costs: 42% \$76,297 | CHANGE O | RDER 1 | | | | | |
| CONTINGENCY 5% \$134,901.70 \$6,745 EJM BOND (proportional per Tab's bid between Sanitary and Storm) 27% -\$30,000.00 -\$8,003 Estimated Construction Costs: \$183,578 Engineering Design and 20,00% Construction Administration: \$36,715 1.00% Geotechnical and Testing: \$1,835 5.00% Legal: \$9,178 5.00% Fiscal: \$11,565 7.00% Interest: \$17,001 12 Duration (Months) Total Estimated Soft Costs: 42% \$76,297 | . REIMBURSE | MENT FOR EXISTING SILT BASIN STORM SEWER | 1 | LS | \$47,557.50 | \$47 | 7,557.5 |
| EJM BOND (proportional per Tab's bid between Sanitary and Storm) 27% -\$30,000.00 -\$8,003 Estimated Construction Costs: \$183,578 Engineering Design and 20,00% Construction Administration: \$36,715 1,00% Geotechnical and Testing: \$1,835 5,00% Legal: \$11,565 7,00% Interest: \$17,001 12 Duration (Months) Total Estimated Soft Costs: 42% \$76,297 | . CONTRACT | OR FEE FOR REIMBURSEMENT | 1 | LS | \$2,377.88 | \$2 | 2,377.8 |
| Estimated Construction Costs: \$183,578 | CONTINGE | NCY | 5% | | \$134,901.70 | \$6 | 6,745.0 |
| Engineering Design and 20,00% Construction Administration: \$36,715 1,00% Geotechnical and Testing: \$1,835 5,00% Legal: \$9,178 5,00% Fiscal: \$11,565 7,00% Interest: \$17,001 12 Duration (Months) Total Estimated Soft Costs: 42% \$76,297 | EJM BOND | (proportional per Tab's bid between Sanitary and Storm) | 27% | | -\$30,000.00 | -\$8 | 3,003.4 |
| Engineering Design and 20.00% Construction Administration: \$36,715 1.00% Geotechnical and Testing: \$1,835 5.00% Legal: \$9,178 5.00% Fiscal: \$11,565 7.00% Interest: \$17,001 12 Duration (Months) Total Estimated Soft Costs: 42% \$76,297 | | | Estimated Construction | on Costs | : | \$183 | 3,578,7 |
| 20,00% Construction Administration: \$36,715 | | | ! | <u>Estimate</u> | d Soft Costs | | |
| 20,00% Construction Administration: \$36,715 | | | | Engineeri | ng Design and | | |
| 5.00% Legal: \$9,178 5.00% Fiscal: \$11,565 7.00% Interest: \$17,001 12 Duration (Months) Total Estimated Soft Costs: 42% \$76,297 | | | | | | \$36 | 6,715.7 |
| 5.00% Legal: \$9,178 5.00% Fiscal: \$11,565 7.00% Interest: \$17,001 12 Duration (Months) Total Estimated Soft Costs: 42% \$76,297 | | | 1,00% | Geotechn | ical and Testing: | \$ | 1,835.7 |
| 5.00% Fiscal: \$11,565 7.00% Interest: \$17,001 12 Duration (Months) Total Estimated Soft Costs: 42% \$76,297 | | | | | - | \$9 | 9,178.9 |
| Total Estimated Soft Costs: 42% \$76,297 | | | 5.00% | Fiscal: | | \$11 | 1,565.4 |
| Total Estimated Soft Costs: 42% \$76,297 | | | | | Months) | \$17 | 7,001.2 |
| | | | | • | , | 42% \$76 | 6,297.1 |
| | | | Total Estimated Costs | | | | |

\$781,684.20

FRICKE CREEK STORM SEWER - Option 3 - Larger Culvert Option

Assumptions/Comments:

-

Assume Triple 6 x 10 box culvert. Pond outlet structure is for large drainage structure and pipe in existing wetland.

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|------|---|------------------------|-----------------|--|----------------------------|
| 1. | CONSTRUCT TRIPLE 6.5' x 10' BOX CULVERT | 70 | LF | \$3,300.00 | \$231.000.00 |
| 2. | CONSTRUCT HEADWALLS | 1 | LS | \$50,000.00 | \$50,000.00 |
| 3. | CONSTRUCT WINGWALLS | 1 | LS | \$50,000.00 | \$50,000.00 |
| 4. | REMOVE 18" R.C.P. | 25 | LF | \$20.00 | \$500.00 |
| 5. | REMOVE 48" R.C.P. | 70 | LF | \$30.00 | \$2,100.00 |
| 6. | REMOVE 48" F.E.S | 1 | EA | \$250.00 | \$250.00 |
| 7. | CONSTRUCT 18" R.C.P., CLASS III | 50 | LF | \$50.00 | \$2,500.00 |
| 8. | CONSTRUCT 24" R.C.P., CLASS III | 25 | LF | \$60.00 | \$1,500.00 |
| 9. | CONSTRUCT 54" R.C.P., CLASS III | 80 | LF | \$180.00 | \$14,400.00 |
| 10 . | CONSTRUCT 18" PIPE BEDDING | 50 | LF | \$10.00 | \$500.00 |
| 11. | CONSTRUCT 24" PIPE BEDDING | 25 | LF | \$10.00 | \$250.00 |
| 12. | CONSTRUCT 54" PIPE BEDDING | 80 | LF | \$20.00 | \$1,600.00 |
| 13. | CONSTRUCT 72" ID MANHOLE (1 EA) | 7 | VF | \$950.00 | \$6,650,00 |
| 14 . | TYPE C RIP RAP | 200 | TN | \$90.00 | \$18,000.00 |
| 15 . | EMBANKMENT FOR BERMS | 175 | CY | \$30.00 | \$5,250.00 |
| 16 . | IRRIGATION ALLOWANCE | 1 | LS | \$3,000.00 | \$3,000.00 |
| 17 . | SOD | 75 | SY | \$10.00 | \$750.00 |
| 18 . | SEEDING AND MULCH | 0.25 | AC | \$3,500.00 | \$875.00 |
| 19 . | CONSTRUCT POND OUTLET STRUCTURE | 1 | LS | \$75,000.00 | \$75,000.00 |
| | CONTINGENCY | 20% | | \$464,125.00 | \$92,825.00 |
| | | Estimated Construction | on Costs | | \$556,950.00 |
| | | 1 | <u>Estimate</u> | d Soft Costs | |
| | | | - | ng Design and ion Administration: | \$116,959.50 |
| | | | | ion Administration: ical and Testing: | \$5,569.50 |
| | | 5.00% l | | carana resung. | \$5,369.50 \$27,847.50 |
| | | 5.00% 5 | _ | | \$27,647.50 \$35,366.33 |
| | | | nterest: | | \$38,991.37 |
| | | | Duration (| Months) | 400,001.07 |
| | | Total Estimated Soft C | `oete: | 40% | \$224,734.20 |

Total Estimated Costs:

STORM SEWER G.O.



Assumptions/Comments:

Storm sewer over 48" must be special . Extra cost is special. UPDATED based on TAB REVISED BID

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|-----|---|-----------------------------|-----------------|---------------------|---------------|
| 1. | GENERAL GRADING AND SHAPING | 1 | LS | \$1,454.30 | \$1,454.3 |
| 2. | CONSTRUCT 18" R.C.P., CLASS III | 210 | LF | \$46.30 | \$9,723.0 |
| 3. | CONSTRUCT 24" R.C.P., CLASS III | 400 | LF | \$45.35 | \$18,140,0 |
| 4. | CONSTRUCT 30" R.C.P., CLASS III | 675 | LF | \$63.45 | \$42,828.7 |
| 5. | CONSTRUCT 18" PIPE BEDDING | 210 | LF | \$4.50 | \$945.0 |
| 6. | CONSTRUCT 24" PIPE BEDDING | 400 | LF | \$4.70 | \$1,880.0 |
| 7. | CONSTRUCT 30" PIPE BEDDING | 675 | LF | \$6.95 | \$4,691.2 |
| 8. | CONSTRUCT 18" R.C. FLARED END SECTION W/BAR GRATE | 1 | EA | \$1,749.50 | \$1,749.5 |
| 9. | CONSTRUCT 24" R.C. FLARED END SECTION W/BAR GRATE | 1 | EA | \$2,032.60 | \$2,032.6 |
| Ο. | CONSTRUCT 30" R.C. FLARED END SECTION W/BAR GRATE | 2 | EA | \$2,708.30 | \$5,416.6 |
| 1. | CONSTRUCT 30" R.C. VERTICAL PIPE BEND | 1 | EA | \$593.70 | \$593.7 |
| 2. | CONSTRUCT ROCK RIP-RAP - TYPE "A" | 30 | TON | \$78.90 | \$2,367.0 |
| 3. | STABILIZE TRENCH W/ CRUSHED LIMESTONE | 200 | TN | \$32.05 | \$6,410,0 |
| 4. | STABILIZE TRENCH W/ TYPE "A" RIP-RAP | 200 | TN | \$59,85 | \$11,970,0 |
| 5. | SEEDING - TYPE "TEMPORARY SEED MIX" | 2 | AC | \$325,00 | \$650. |
| 3. | ROLLED EROSION CONTROL, TYPE II | 1,000 | SY | \$1.45 | \$1,450. |
| 7. | CLEANOUT SILT BASIN | 5,000 | CY | \$4.00 | \$20,000.0 |
| B . | CLEANOUT SILT FENCE | 1,000 | LF | \$0.50 | \$500. |
| 9. | CONSTRUCT SILT FENCE | 1,000 | LF | \$2.10 | \$2,100. |
|) . | REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER - del / co 1 | 1 | LS | \$60,000.00 | \$0. |
| | CONTRACTOR FEE FOR REIMBURSEMENT - del / co 1 | 1 | LS | \$3,000.00 | \$0. |
| | CHANGE ORDER 1 | | | | |
| 2. | REIMBURSEMENT FOR EXISTING SILT BASIN STORM SEWER | 1 | LS | \$47,557.50 | \$47,557. |
| 3. | CONTRACTOR FEE FOR REIMBURSEMENT | 1 | LS | \$2,377.88 | \$2,377. |
| | CONTINGENCY | 5% | 0 | \$134,901.70 | \$6,745.0 |
| | EJM BOND (proportional per total const cost and GO cost less contingency) | 100% | | -\$8,003.45 | -\$8,003.4 |
| | | Estimated Construc | tion Cos | ts: | \$183,578.7 |
| | | | <u>Estimate</u> | d Soft Costs | |
| | | | Engineeri | ng Design and | |
| | | | | ion Administration: | \$36,715. |
| | | | | ical and Testing: | \$1,835. |
| | | 5.00% | | • • | \$9,178. |
| | | | Fiscal: | | \$11,565. |
| | | 7.00% | nterest: | | \$17,001. |
| | | 12 | Duration (| (Months) | |
| | | Total Estimated Soft Costs: | | | 2% \$76,297. |
| | | Total Estimated 301 | i Oosis. | 7 | 7270 970,297. |

FRICKE CREEK STORM SEWER - Option 3 - Larger Culvert Option - G.O.

Assumptions/Comments:

Assume Triple 6 x 10 box culvert. Pond outlet structure is for large drainage structure and pipe in existing wetland.

| UCT TRIPLE 6.5' x 10' BOX CULVERT UCT HEADWALLS UCT WINGWALLS 18"' R.C.P. 48" R.C.P. 48" F.E.S UCT 18" R.C.P., CLASS III UCT 12" R.C.P., CLASS III | 70 1 1 25 70 1 | LF LS LS LF LF | \$3,300.00 \$50,000.00 \$50,000.00 \$20.00 | \$231,000.00 \$50,000.00 \$50,000.00 |
|---|-------------------------------|----------------------------|---|---|
| UCT WINGWALLS 18"' R.C.P. 48" R.C.P. 48" F.E.S UCT 18" R.C.P., CLASS III | 70 | LS LF | \$50,000.00 | |
| 18" R.C.P. 48" R.C.P. 48" F.E.S UCT 18" R.C.P., CLASS III | 70 | LF | | \$50,000.0 |
| 48" R.C.P. 48" F.E.S UCT 18" R.C.P., CLASS III | 70 | | \$20.00 | |
| 48" F.E.S UCT 18" R.C.P., CLASS III | | 1 F | 420.00 | \$500.0 |
| UCT 18" R.C.P., CLASS III | 1 | | \$30.00 | \$2,100.0 |
| • | | EA | \$250.00 | \$250.0 |
| LICT 24" R.C.P. CLASS III | 50 | LF | \$50.00 | \$2,500.0 |
| 001 27 N.O.1 ., 012NOO M | 25 | LF | \$60.00 | \$1,500.0 |
| UCT 54" R.C.P., CLASS III | 80 | LF | \$180.00 | \$14,400.0 |
| UCT 18" PIPE BEDDING | 50 | LF | \$10.00 | \$500.0 |
| UCT 24" PIPE BEDDING | 25 | LF | \$10.00 | \$250.0 |
| UCT 54" PIPE BEDDING | 80 | LF | \$20.00 | \$1,600.0 |
| UCT 72" ID MANHOLE (1 EA) | 7 | VF | \$950.00 | \$6,650.0 |
| RIP RAP | 200 | TN | \$90.00 | \$18,000.0 |
| MENT FOR BERMS | 175 | CY | \$30.00 | \$5,250.0 |
| ON ALLOWANCE | 1 | LS | \$3,000.00 | \$3,000.0 |
| | 75 | SY | \$10.00 | \$750.0 |
| AND MULCH | 0.25 | AC | \$3,500.00 | \$875.0 |
| UCT POND OUTLET STRUCTURE | 1 | LS | \$75,000.00 | \$75,000.0 |
| BENCY | 20% | | \$464,125.00 | \$92,825.0 |
| | Estimated Construction | n Costs | : | \$556,950.0 |
| 36 | ENCY | Estimated Construction | Estimated Construction Costs | Estimated Construction Costs: Estimated Soft Costs |

| Estimated Construction Costs: | | \$556,950.00 |
|-------------------------------------|-----|--------------|
| Estimated Soft Costs | | |
| Engineering Design and | | |
| 21,00% Construction Administration: | | \$116,959.50 |
| 1.00% Geotechnical and Testing: | | \$5,569.50 |
| 5.00% Legal: | | \$27,847.50 |
| 5.00% Fiscal: | | \$35,366.33 |
| 7.00% Interest: | | \$38,991.37 |
| 9 Duration (Months) | | |
| Total Estimated Soft Costs: | 40% | \$224,734.20 |

\$781,684.20

Total Estimated Costs:

PAVING MINOR



Assumptions/Comments:

Assumes connections to surrounding neighborhoods will be with tie bars .

Erosion control quantities are assumed. Assume City of Papillion does NOT want speed tables. Updated with Luxa bid.

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total | |
|------|--|------------------------|------------------|---------------------|----------------------------|--|
| 1. | COMMON EARTH EXCAVATION | 8000 | CY | \$3.50 | \$28,000.00 | |
| 2. | REMOVE END OF STREET BARRICADE | 3 | EA | \$250.00 | \$750.00 | |
| 3. | SAW-CUT PAVEMENT FULL DEPTH | 25 | LF | \$3.89 | \$97.25 | |
| 4. | REMOVE PAVEMENT | 35 | SY | \$12.00 | \$420.00 | |
| 5. | REMOVE TEMPORARY TURNAROUND | 63 | SY | \$14.00 | \$882.00 | |
| 6. | REMOVE 3-STRAND BARB WIRE FENCE | 82 | LF | \$5.00 | \$410.00 | |
| 7. | REMOVE CURB INLET | 1 | EA | \$2,500.00 | \$2,500.00 | |
| 8. | CONSTRUCT 7" CONCRETE PAVEMENT - TYPE L65 | 24,000 | SY | \$38.00 | \$912,000.00 | |
| 9 | CONSTRUCT THICKENED EDGE | 75 | LF | \$12.00 | \$900.00 | |
| 10. | JET EXISTING SANITARY SEWER | 6,050 | LF | \$1.00 | \$6,050.00 | |
| 11. | ADJUST MANHOLE TO GRADE (28 SAN) | 28 | EA | \$200.00 | \$5,600.00 | |
| 12. | CONSTRUCT EXTERNAL FRAME SEAL (28 SAN) | 28 | EA | \$500.00 | \$14,000.00 | |
| 13 . | CONSTRUCT CURB INLET | 14 | EA | \$3,500.00 | \$49,000.00 | |
| 14. | CONSTRUCT CURB INLET OVER EXISTING STORM SEWER | 1 | EA | \$4,200.00 | \$4,200.00 | |
| 15 . | CONSTRUCT CABLE GATE | 1 | EA | \$1,000.00 | \$1,000.00 | |
| 16. | SEEDING - TYPE "TEMPORARY SEED MIX" | 3 | AC | \$550.00 | \$1,650.00 | |
| 17. | HAY OR STRAW MULCH | 3 | AC | \$650,00 | \$1,950.00 | |
| 18. | CONSTRUCT SILT FENCE | 1,000 | LF | \$2.61 | \$2,610.00 | |
| 19 . | CLEANOUT SILT FENCE | 1,000 | LF | \$0.83 | \$830.00 | |
| 20 . | REMOVE SILT FENCE | 1,000 | LF | \$0.56 | \$560.00 | |
| 21 . | CLEANOUT BASINS | 7,500 | CY | \$5.00 | \$37,500.00 | |
| | CONTINGENCY | 5% | | \$1,070,909.25 | \$53,500.00 | |
| | | Estimated Construction | n Costs: | | \$1,124,409.25 | |
| | | į | <u>Estimate</u> | d Soft Costs | | |
| | | i | Engineerii | ng Design and | | |
| | | 8.00% | Construct | ion Administration: | \$89,952.74 | |
| | | 2.00% | cal and Testing: | \$22,488.19 | | |
| | | 5.00% Legal: | | | | |
| | | 5.00% 1 | | | \$56,220.46 \$64,653.53 | |
| | | | nterest: | | \$71,280,52 | |

9 Duration (Months)

\$304,595.44

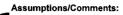
\$1,429,004.69

Total Estimated Soft Costs:

Total Estimated Costs:

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PAVING MINOR G.O.



Assumes all intersections and half the street adjacent to outlots is GO. Assumes all curb inlets are GO. Updated with Luxa Contract

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|------|--|------------------------|----------|--------------|-------------|
| 1. | COMMON EARTH EXCAVATION | 1,983 | CY | \$3.50 | \$6,941.6 |
| 2. | REMOVE END OF STREET BARRICADE | 3 | EA | \$250.00 | \$750.0 |
| 3. | SAW-CUT PAVEMENT FULL DEPTH | 25 | LF | \$3.89 | \$97.2 |
| 4. | REMOVE PAVEMENT | 35 | SY | \$12.00 | \$420.0 |
| 5. | REMOVE TEMPORARY TURNAROUND | 63 | SY | \$14.00 | \$882.0 |
| 7. | REMOVE 3-STRAND BARB WIRE FENCE | 82 | LF | \$5.00 | \$410.0 |
| 8. | REMOVE CURB INLET | 1 | EA | \$2,500.00 | \$2,500.0 |
| 9. | CONSTRUCT 7" CONCRETE PAVEMENT - TYPE L65 | 5,950 | SY | \$38.00 | \$226,100.0 |
| 10 . | JET EXISTING SANITARY SEWER | 0 | LF | \$1.00 | \$0.0 |
| 11 . | ADJUST MANHOLE TO GRADE (28 SAN) | 0 | EA | \$200.00 | \$0.0 |
| 12. | CONSTRUCT EXTERNAL FRAME SEAL (28 SAN) | 0 | EA | \$500.00 | \$0.0 |
| 13 . | CONSTRUCT CURB INLET | 14 | EA | \$3,500.00 | \$49,000.0 |
| 14 . | CONSTRUCT CURB INLET OVER EXISTING STORM SEWER | 1 | EA | \$4,200.00 | \$4,200.0 |
| 15 . | CONSTRUCT CABLE GATE | 1 | EA | \$1,000.00 | \$1,000.0 |
| 16. | SEEDING - TYPE "TEMPORARY SEED MIX" | 3 | AC | \$550.00 | \$1,650.0 |
| 17 . | HAY OR STRAW MULCH | 3 | AC | \$650.00 | \$1,950.0 |
| 18 . | CONSTRUCT SILT FENCE | 1,000 | LF | \$2.61 | \$2,610.0 |
| 19 . | CLEANOUT SILT FENCE | 1,000 | LF | \$0.83 | \$830.0 |
| 20 . | REMOVE SILT FENCE | 1,000 | LF | \$0.56 | \$560.0 |
| 21 . | CLEANOUT BASINS | 7,500 | CY | \$5.00 | \$37,500.0 |
| | CONTINGENCY | 5% | | \$337,400.92 | \$16,870.0 |
| | | Estimated Construction | on Costs | : | \$354,270.9 |
| | | ! | Estimate | d Soft Costs | |

| Engineering Design and | \$28,341.68 | \$28,341.68 | \$2.00% | Geotechnical and Testing: \$7,085.42 | \$17,713.55 | \$17,713.55 | \$20,370.58 | \$22,458.56 | \$9 | Duration (Months) | \$28,341.68 | \$20,370.58 | \$20,370.58 | \$22,458.56 | \$22,458.56 | \$22,458.56 | \$27% | \$25,969.79 | \$27% | \$25,969.79 | \$27% | \$25,969.79 | \$27% | \$27% | \$25,969.79 | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27% | \$27

PAVING MAJOR 66TH STREET IMPROVEMENTS

Assumptions/Comments:

The major paving costs will be represented as a Phase 2 cost only 1, 13' lane is added creating 2 driving lanes and one center turn lane. REIMBURSEMENTS PAYABLE TO SETTLERS CREEK HAVE BEEN WAIVED IN LIEU OF CONSTRUCTION THEIR TRAIL IMPROVEMENTS. Assume 2' of pavement all along the saw cut. Updated based on Luxa's bid

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Tota |
|-------------|--|------------------------|-----------|--------------------------------------|------------------------|
| 1. | CLEARING AND GRUBBING GENERAL | 1 | LS | \$2,500.00 | \$2,500.0 |
| 2. | REMOVE PAVEMENT | 112 | SY | \$12.00 | \$1,344.0 |
| 3. | SAW CUT - FULL DEPTH | 2,197 | LF | \$3.89 | \$8,546.3 |
| 4. | REMOVE INTEGRAL CURB | 2,084 | LF | \$3.89 | \$8,106.7 |
| 5. | REMOVE BARRICADE | 1 | EA | \$250,00 | \$250.0 |
| 6. | REMOVE AND REPLACE SIGN | 2 | EA | \$200.00 | \$400.0 |
| 7. | REMOVE CULVERT PIPE OVER 18" TO 24" | 157 | LF | \$44.00 | \$6,908.0 |
| 8. | REMOVE CURB INLET | 1 | ĒΑ | \$2,500,00 | \$2,500.0 |
| 9. | EXPLORATORY EXCAVATION | 50 | HR | \$140.00 | \$7,000.0 |
| 10 . | COMMON EARTH EXCAVATION | 1.100 | CY | \$4.00 | \$4,400.0 |
| 11 . | EXCAVATION ON - SITE | 1,560 | CY | \$8.50 | \$13,260.0 |
| 12 . | CONSTRUCT 9 INCH CONCRETE PAVEMENT - TYPE L65 | 3,500 | SY | \$47.95 | \$167,825.0 |
| 13 . | CONSTRUCT 5 INCH CONCRETE SIDEWALK | 12,870 | SF | \$4.75 | \$61,132.5 |
| 14 . | CONSTRUCT 9" PPC CURB RAMP | 136 | SF | \$22.25 | \$3,026.0 |
| 15 . | CONSTRUCT 9" PCC IMPRINTED SURFACE | 28 | SF | \$28.00 | \$784.0 |
| 16 . | DRILL AND EPOXY 1" X 18" DOWEL BARS AT 12" CENTERS | 52 | EA | \$18,00 | \$936.0 |
| 17 . | DRILL AND EPOXY NO. 5 TIE BARS AT 33" CENTERS | 728 | EA | \$8,00 | \$5,824.0 |
| 18 . | CONSTRUCT DETECTABLE WARNING PANEL | 32 | SF | \$40.00 | \$1,280.0 |
| 19 . | CONSTRUCT 18" RCP, CLASS III | 256 | LF | \$67.00 | \$17,152.0 |
| 20 . | CONSTRUCT AGGREGATE BEDDING FOR 18" STORM SEWER PIPE | 256 | LF | \$5,50 | \$1,408.0 |
| 21 . | CONSTRUCT CURB INLET | 5 | EA | \$3,400.00 | \$17,000.0 |
| 22 . | CONSTRUCT CONCRETE COLLAR | 2 | EA | \$2,250,00 | \$4,500.0 |
| 23 . | ROLLED EROSION CONTROL, TYPE II | 3,027 | SY | \$1.33 | \$4,025.9 |
| 24 . | SEEDING, TYPE "A" | 1 | AC | \$2,300,00 | \$2,300.0 |
| 25 . | REMOVE MARKING LINES | 2,987 | LF | \$1.33 | \$3,972.7 |
| 25 . | VENIO A E INTIVITIO FUACO | 2,301 | Li | φ1.55 | Ψ5,572.7 |
| 26 . | INSTALL PERMANENT PAINTED PAVEMENT MARKING - 5" YELLOW SOLID | 6,285 | LF | \$0.67 | \$4,210.9 |
| 27 . | INSTALL PERMANENT PAINTED PAVEMENT MARKING - 5" WHITE SOLID INSTALL PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL - | 150 | LF | \$1.94 | \$291.0 |
| 28 . | WHITE DIRECTIONAL ARROW | 2 | EA | \$450.00 | \$900.0 |
| 20 . | INSTALL PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL - | 2 | EA | \$450.00 | φ 3 00.0 |
| 29 . | WHITE "ONLY" | 1 | EA | \$500.00 | \$500.0 |
| 30 . | PROVIDE TEMPORARY TRAFFIC CONTROL | 1 | LS | \$5,500,00 | \$5,500.0 \$5,500.0 |
| 3U . | PROVIDE TEMPORARY TRAFFIC CONTROL | • | LS | \$5,500.00 | \$5,500.0 |
| | CONTINGENCY | 5% | LS | \$357,783.16 | \$17,900.0 |
| | | Estimated Construction | Costs: | | \$375,683.1 |
| | | ! | Estimated | l Soft Costs | |
| | | 20.00% | - | ng Design and ion Administration: | \$75,136.6 |

5.00% Fiscal: \$23,668.04 7.00% Interest: \$26,094.01 9 Duration (Months) **Total Estimated Soft Costs:** 39% \$147,439.67 **Total Estimated Costs:** \$523,122.83

1.00% Geotechnical and Testing:

5,00% Legal:

\$3,756.83

\$18,784.16

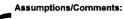
Reimbursement to Sarpy County



Assumptions/Comments:
Reimbursement to Sarpy County as per Interlocal Cooperation Agreement (66th Street Improvements)

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Totai |
|----|-------------------------------|--------------------------|-------------------------------------|-----------------------------------|------------------------------|
| 1. | Reimbursement to Sarpy County | 1 | LS | \$40,690.60 | \$40,690.60 |
| .E | | Estimated Construction | Costs: | | \$40,690.60 |
| | | | Estimated | I Soft Costs | |
| | | 0.00% | | ng Design and cal and Testing: | \$0.00 \$0.00 \$813.81 |
| | | 5.00% 7.00% | Fiscal: Interest: Duration (I | | \$2,075.22 \$2,287.93 |
| | | Total Estimated Soft Cos | sts: | 13% | \$5,176. 9 6 |
| | | Total Estimated Costs: | | | \$45,867.56 |

PAVING MAJOR 66TH STREET IMPROVEMENTS - G.O.



All arterial paving is GO. Updated based on Luxa's bid

| . F | CLEARING AND GRUBBING GENERAL REMOVE PAVEMENT | 1 | | | |
|-------|--|--------|------|-----------------|--------------|
| . § | REMOVE PAVEMENT | | LS | \$2,500.00 | \$2,500.00 |
| . F | | 112 | SY | \$12.00 | \$1,344.00 |
| . F | SAW CUT - FULL DEPTH | 2,197 | LF | \$3.89 | \$8,546,33 |
| | REMOVE INTEGRAL CURB | 2,084 | LF | \$3.89 | \$8,106,76 |
| . F | REMOVE BARRICADE | 1 | EA | \$250.00 | \$250.00 |
| | REMOVE AND REPLACE SIGN | 2 | EA | \$200.00 | \$400.00 |
| . F | REMOVE CULVERT PIPE OVER 18" TO 24" | 157 | LF | \$44.00 | \$6,908.00 |
| | REMOVE CURB INLET | 1 | ĒA | \$2,500,00 | \$2,500.00 |
| . 6 | EXPLORATORY EXCAVATION | 50 | HR | \$140.00 | \$7,000.00 |
| | COMMON EARTH EXCAVATION | 1,100 | CY | \$4.00 | \$4,400.00 |
| | EXCAVATION ON - SITE | 1.560 | CY | \$8.50 | \$13,260.00 |
| | CONSTRUCT 9 INCH CONCRETE PAVEMENT - TYPE L65 | 3,500 | SY | \$ 47.95 | \$167,825.00 |
| | CONSTRUCT 5 INCH CONCRETE SIDEWALK | 12.870 | SF | \$4.75 | \$61,132.50 |
| | CONSTRUCT 9" PPC CURB RAMP | 136 | SF | \$22.25 | \$3,026.00 |
| | CONSTRUCT 9" PCC IMPRINTED SURFACE | 28 | SF. | \$28.00 | \$784.00 |
| | DRILL AND EPOXY 1" X 18" DOWEL BARS AT 12" CENTERS | 52 | EA | \$18.00 | \$936.00 |
| | DRILL AND EPOXY NO. 5 TIE BARS AT 33" CENTERS | 728 | EA | \$8.00 | \$5,824.00 |
| | CONSTRUCT DETECTABLE WARNING PANEL | 32 | SF | \$40.00 | \$1,280.00 |
| | CONSTRUCT 18" RCP. CLASS III | 256 | LF | \$67.00 | \$17,152.00 |
| | CONSTRUCT AGGREGATE BEDDING FOR 18" STORM SEWER PIPE | 256 | LF | \$5.50 | \$1,408.00 |
| | CONSTRUCT CURB INLET | 5 | EA . | \$3,400.00 | \$17,000.00 |
| | CONSTRUCT CONCRETE COLLAR | 2 | EA | \$2,250.00 | \$4,500.00 |
| | ROLLED EROSION CONTROL, TYPE II | 3.027 | SY | \$1.33 | \$4,025.91 |
| | SEEDING, TYPE "A" | 0,027 | AC | \$2,300.00 | \$2,300.00 |
| | REMOVE MARKING LINES | 2,987 | LF | \$1.33 | \$3,972.71 |
| . # | INSTALL PERMANENT PAINTED PAVEMENT MARKING - 5" YELLOW SOLID | 6,285 | LF | \$0.67 | \$4,210.95 |
| . # | INSTALL PERMANENT PAINTED PAVEMENT MARKING - 5" WHITE SOLID | 150 | LF | \$1,94 | \$291.00 |
| 19 | INSTALL PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL - | | | | |
| . v | WHITE DIRECTIONAL ARROW | 2 | EA | \$450.00 | \$900.00 |
| li li | INSTALL PREFORMED PAVEMENT MARKING TAPE MARKING SYMBOL - | | | | |
| | WHITE "ONLY" | 100% | EA | \$500.00 | \$500.00 |
| . F | PROVIDE TEMPORARY TRAFFIC CONTROL | 100% | LS | \$5,500.00 | \$5,500.00 |
| c | CONTINGENCY | 5% | LS | \$357,783.16 | \$17,900.00 |

Estimated Soft Costs

| | Engineering Design and | |
|--------|------------------------------|-------------|
| 20.00% | Construction Administration: | \$75,136.63 |
| 1.00% | Geotechnical and Testing: | \$3,756.83 |
| 5.00% | Legal: | \$18,784.16 |
| 5.00% | Fiscal: | \$23,668.04 |
| 7.00% | Interest: | \$26,094.01 |
| 9 | Duration (Months) | |

Total Estimated Soft Costs:

\$147,439.67 39%

Total Estimated Costs:

\$523,122.83

SIDEWALKS INTERIOR



ASSUMES 5' WIDE SIDEWALKS.
INCLUDES ALL SIDEWALK ADJACENT TO OUTLOTS DOES NOT INCLUDE TRAILS IN PARK, DOES NOT INLCUDE SIDEWALKS ALONG 66TH STREET AS THOSE ARE ACCOUNTED FOR IN 66th ST PAVING PROJECT

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | | Total |
|------------|--|-----------------------------------|--|--|-----|---|
| 1 . 2 . | CONSTRUCT 5" CONCRETE SIDEWALK CONSTRUCT CONCRETE CURB RAMP | 17,937 10 | SF EA | \$4.00 \$650.00 | | \$71,748.00 \$6,500.00 |
| | CONTINGENCY | 15% | | \$78,248.00 | | \$11,737.20 |
| | | Estimated Construction Costs: | | | | \$89,985.20 |
| | | | Estimate | ed Soft Costs | | |
| | | 20.00% 1.00% 5.00% 7.00% | Construc Geotechi Legal: Fiscal: Interest: | ing Design and tion Administration: nical and Testing: (Months) | | \$17,997.04 \$899.85 \$4,499.26 \$5,669.07 \$8,333.53 |
| | | Total Estimated Soft Costs: | | 4 | 12% | \$37,398.75 |
| | | Total Estimated Costs: | | | Γ | \$127,383.95 |

REGULATORY SIGNAGE



Assumptions/Comments:

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | | Total |
|----|---|--|--|--------------------------------------|-----|--|
| 1. | "STOP" SIGN (24") | 11 | EA | \$200.00 | | \$2,200.00 |
| 2. | SPEED LIMIT SIGN 18"X24" | 2 | EA | \$200.00 | | \$400.00 |
| 3. | STREET NAME SIGN | 18 | EA | \$200.00 | | \$3,600.00 |
| 4. | PEDESTRIAN CROSSING SIGN | 4 | EA | \$200.00 | | \$800.00 |
| 5. | PEDESTRIAN CROSSING AHEAD SIGN | 4 | EA | \$250.00 | | \$1,000.00 |
| 6. | 24" PERMANENT PAINTED PAVMENT MARKING - WHITE - CROSSWALK | 60 | LF | \$19.00 | | \$1,140.00 |
| 7. | 12" PERMANENT PAINTED PAVMENT MARKING - WHITE - STOP BAR | 138 | LF | \$3.50 | | \$481,25 |
| 8. | DECORATIVE POST | 9 | EA | \$925.00 | | \$8,325.00 |
| | CONTINGENCY | 10% | | \$17,946.25 | | \$1,794.63 |
| | | | | | | |
| | E | stimated Construction Costs: | | | | \$19,740.88 |
| | E | | Estimate | d Soft Costs | | \$19,740.88 |
| | E | | | nd Soft Costs | | \$19,740.88 \$4,935.22 |
| | E | 25.00% 0.00% | Engineer Geotechr | | | \$4,935.22 \$0.00 |
| | E | 25.00% 0.00% 5.00% | Engineer Geotechr Legal: | ing Design and | | \$4,935.22 \$0.00 \$987.04 |
| | E | 25.00% 0.00% 5.00% 5.00% | Engineeri Geotechr Legal: Fiscal: | ing Design and | | \$4,935.22 \$0.00 \$987.04 \$1,283.16 |
| | E | 25.00% 0.00% 5.00% 5.00% 7.00% | Engineer Geotechr Legal: Fiscal: Interest: | ing Design and ilcal and Testing: | | \$4,935.22 \$0.00 \$987.04 |
| | E | 25.00% 0.00% 5.00% 5.00% 7.00% | Engineeri Geotechr Legal: Fiscal: | ing Design and ilcal and Testing: | | \$4,935.22 \$0.00 \$987.04 \$1,283.16 |
| | | 25.00% 0.00% 5.00% 5.00% 7.00% | Engineer Geotechr Legal: Fiscal: Interest: | ing Design and ilcal and Testing: | 46% | \$4,935.22 \$0.00 \$987.04 \$1,283.16 |

SIDEWALKS G.O.



Assumptions/Comments:

ASSUMES 5' WIDE SIDEWALKS.
ASSUMES ALL SIDEWALK ADJACENT TO PARK IS GO

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|------------|--|--|----------------------|--|---|
| 1 . 2 . | CONSTRUCT 5" CONCRETE SIDEWALK CONSTRUCT CONCRETE CURB RAMP | 17937 10 | SF EA | \$4.00 \$650.00 | \$71,748.00 \$6,500.00 |
| | CONTINGENCY | 15% | | \$78,248.00 | \$11,737.20 |
| | | Estimated Construction Costs: | | | \$89,985.20 |
| | | | Estimate | ed Soft Costs | |
| | | 20.00% 1.00% 5.00% 5.00% 7.00% | Construc Geotechr | ing Design and tion Administration: iical and Testing: (Months) | \$17,997.04 \$899.85 \$4,499.26 \$5,669.07 \$8,333.53 |
| | | Total Estimated Soft Costs: | | 429 | % \$ 37,398.75 |
| | | Total Estimated Costs: | | | \$127,383.95 |

REGULATORY SIGNAGE G.O.



Assumptions/Comments: Assumes all regulatory signage is G.O.

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | | Total |
|------------|---|--|--|--------------------------------------|-----|--|
| 1. | "STOP" SIGN (24") | 11 | EA | \$200.00 | | \$2,200.00 |
| 2. | SPEED LIMIT SIGN 18"X24" | 2 | EA | \$200.00 | | \$400,0 |
| 3. | STREET NAME SIGN | 18 | EA | \$200.00 | | \$3,600.0 |
| 4. | PEDESTRIAN CROSSING SIGN | 4 | EA | \$200.00 | | \$800.0 |
| . | PEDESTRIAN CROSSING AHEAD SIGN | 4 | EA | \$250.00 | | \$1,000.0 |
| 3. | 24" PERMANENT PAINTED PAVMENT MARKING - WHITE - CROSSWALK | 60 | LF | \$19.00 | | \$1,140.0 |
| | 12" PERMANENT PAINTED PAVMENT MARKING - WHITE - STOP BAR | 138 | LF | \$3.50 | | \$481.2 |
| 7 . | DECORATIVE POST | 9 | EA | \$925.00 | | \$8,325.0 |
| | CONTINGENCY | 10% | | \$17,946.25 | | \$1,794.6 |
| | | | ***** | | | |
| | E | stimated Construction Costs: | | | | \$19,740.8 |
| | E | | Estimate | ed Soft Costs | | \$19,740.8 |
| | E | 25.00% | Engineer | ing Design and | | \$4 ,935.2 |
| | E | 25.00% 0.00% ⁽ | Engineer Geotechr | | | \$4,935.2 \$0.0 |
| | E | 25.00% 0.00% 5.00% | Engineer Geotechr Legal: | ing Design and | | \$4,935.2 \$0.0 \$987.0 |
| | E | 25.00% 0.00% 5.00% 5.00% | Engineer Geotechr Legal: Fiscal: | ing Design and | | \$4,935.2 \$0.0 \$987.0 \$1,283.1 |
| | E | 25.00% 0.00% 5.00% 5.00% | Engineer Geotechr Legal: | ing Design and | | \$4,935.2 \$0.0 \$987.0 \$1,283.1 |
| | E | 25.00% 0.00% 5.00% 5.00% 7.00% | Engineer Geotechr Legal: Fiscal: Interest: | ing Design and | | \$4,935.2 \$0.0 \$987.0 |
| | | 25.00% 0.00% 5.00% 5.00% 7.00% | Engineer Geotechr Legal: Fiscal: Interest: | ing Design and nical and Testing: | 46% | \$4,935.2 \$0.0 \$987.0 \$1,283.1 |

PARKS AQUISITION

Assumptions/Comments:

5

Outlot M is designated parks area in phase 2. Unit price is 50% of the raw land purchase price per acre. Assumed purchase price/acre is \$31,200. Areas, in Floodway, Floodplain, 3:1+20, easements or wetlands are not eligible for reimbursement. Park to be acquired in Phase 2

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | | Total |
|----|--|----------------------------------|-----------|---|-----|---|
| 1. | OUTLOT M (24.63AC, 9.38 AC WETLAND, 1.46 AC EASEMENTS, 1.44 AC WATERWAY) | 12.35 | AC | \$15,600.00 | | \$192,660.00 |
| | | Estimated Constru | ction Cos | its: | | \$192,660.00 |
| | | | Estimated | d Soft Costs | | |
| | | 0.50% 5.00% 5.00% 7.00% | Construct | ng Design and ion Administration: Months) | | \$963.30 \$9,633.00 \$10,162.82 \$7,469.67 |
| | | Total Estimated So | ft Costs: | | 15% | \$28,228.78 |
| | | Total Estimated Co | sts: | | | \$220,888.78 |

PARKS IMPROVEMENTS

Assumptions/Comments:



INCLUDES CONNECTION TO SETTLERS CREEK.
TRAILS IN OUTLOTS B AND D ARE NOT SHOWN IN OUR S&U OF FUNDS NOR BOLD ON THE EXHIBIT. THEY WERE IN THE PHASE 1 PROJECT.

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|-----|--|-------------------------|----------------------|---------------------|------------------------|
| 1. | SUBGRADE PREPARATION (OUTLOT M) | 27,000 | SF | \$1.00 | \$27,000.00 |
| 2 . | CONSTRUCT 8' WIDE 6" CONCRETE TRAIL (OUTLOT M) | 27,000 | SF | \$3.75 | \$101,250.00 |
| 3. | SUBGRADE PREPARATION (OUTLOT B & D) | 14,100 | SF | \$1.00 | |
| 4 . | CONSTRUCT 8' WIDE 6" CONCRETE TRAIL (OUTLOT B & D) | 14,100 | SF | \$3.75 | |
| | CONTINGENCY | 15% | | \$128,250.00 | \$19,237.50 |
| | | Estimated Constru | ction Cos | its: | \$147,487.50 |
| | | Ī | Estimated | d Soft Costs | |
| | | 1 | Engineerir | ng Design and | |
| | | | | ion Administration: | \$28,022.6 |
| | | | | cal and Testing: | \$2,949.7 |
| | | 5.00% (5.00% (| | | \$7,374.3 \$9,291.7 |
| | | | riscai. Interest: | | \$13,658.8 |
| | | | Duration (| Months) | |
| | | Total Estimated So | ft Costs: | 42% | \$61,297.2 |
| | | Total Estimated Co | ata. | | \$208,784.7 |

PARKS ACQUISITION G.O.

Assumptions/Comments:



Outlot M is designated parks area in phase 1. Assume unit price is 50% of purchase price per acre. Assumedpurchase price/acre is \$31198.31.

Areas, in Floodway, Floodplain, 3:1+20, easements or wetlands are not

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | | Total |
|---|--|------------------------|------------|----------------------|-----|--------------|
| 1. | OUTLOT M (24.63AC, 9.38 AC WETLAND, 1.46 AC EASEMENTS, 1.44 AC WATERWAY) | 12.35 | AC | \$15,600.00 | | \$192,660.00 |
| *************************************** | | Estimated Construction | on Cost | s: | | \$192,660,00 |
| | | | Estimat | ed Soft Costs | | |
| | | | Engineer | ing Design and | | |
| | | | | tion Administration: | | \$963.30 |
| | | 5.00% | - | | | \$9,633.00 |
| | | 5.00% | | | | \$10,162.82 |
| | | | Interest: | | | \$7,469.67 |
| | | 6 | Duration | (Months) | | |
| | | Total Estimated Soft | Costs: | | 15% | \$28,228.78 |
| | | Total Estimated Costs | s : | | | \$220,888.78 |

PARKS IMPROVEMENTS G.O.

Assumptions/Comments:



ASSUMES ALL TRAIL WITHIN OUTLOT B AND M ARE G.O. ASSUMES TRAIL WITHIN OPPD OUTLOT D IS SPECIALLY ASSESSED

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|----|--|--|--|---|--|
| 1. | SUBGRADE PREPARATION (OUTLOT M) | 27,000 | SF | \$1.00 | \$27,000.00 |
| 2. | CONSTRUCT 8' WIDE 6" CONCRETE TRAIL (OUTLOT M) | 27,000 | SF | \$3.75 | \$101,250.00 |
| 3. | SUBGRADE PREPARATION (OUTLOT B & D) | 10,200 | SF | \$1.00 | |
| 4. | CONSTRUCT 8' WIDE 6" CONCRETE TRAIL (OUTLOT B & D) | 10,200 | SF | \$3.75 | |
| | CONTINGENCY | 15% | | \$128,250,00 | \$19,237.50 |
| | | Estimated Construction | on Costs | | \$147,487.50 |
| | | ! | <u>Estimate</u> | d Soft Costs | |
| | | | | | |
| | | ı | Engineeri | ng Design and | |
| | | 19.00% | Construct | ion Administration: | \$28,022.63 |
| | | 19.00% (2.00% (| Construct Geotechn | • | \$2,949.75 |
| | | 19.00% (2.00% (5.00% I | Construct Geotechn Legal: | ion Administration: | \$2,949.75 \$7,374.38 |
| | | 19.00% (2.00% (5.00% 5.00% | Construct Geotechn Legal: | ion Administration: | \$2,949.75 \$7,374.38 \$9,291.71 |
| | | 19.00% (2.00% (5.00% (5.00% (7.00% (| Construct Geotechn Legal: Fiscal: | ion Administration: ical and Testing: | \$2,949.75 \$7,374.38 |
| | | 19.00% (2.00% (5.00% (5.00% (7.00% (| Construct Geotechn Legal: Fiscal: nterest: Duration (| ion Administration: ical and Testing: Months) | \$2,949.75 \$7,374.38 \$9,291.71 |

WATER INTERIOR



Assumptions/Comments:

MAIN SIZING PROVIDED BY TD2. Updated with Ceder's bid prices.

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|---------|---|-------------------------|-----------------|---------------------|------------------|
| 1. | CONSTRUCT 6" D.I.P. | 2,480 | LF | \$27.50 | \$68,200. |
| 2. | CONSTRUCT 8" D.I.P. | 4,880 | LF | \$35.00 | \$170,800. |
| 3 . | CONSTRUCT 10" D.I.P. | 865 | LF | \$43.00 | \$37,195. |
| 4. | TUNNEL 20" STEEL CASING WITH 10" D.I.P. | 110 | LF | \$490.00 | \$53,900. |
| 5. | REMOVE EXISTING 8" x 90 DEGREE HORIZONTAL BEND | 1 | EA | \$350.00 | \$350. |
| | REMOVE, SALVAGE AND REINSTALL EXISTING TYPE 5 END OF MAIN | | | ******* | * |
| 3. | HYDRANT | 2 | ĒΑ | \$2,100.00 | \$4,200 |
| 7 . | CONSTRUCT TYPE 1 HYDRANT, GATE VALVE AND TEE ASSEMBLY | 13 | EA | \$4,050.00 | \$52,650 |
| ; . | CONSTRUCT TYPE 2 HYDRANT, GATE VALVE AND TEE ASSEMBLY | 1 | EA | \$4,375.00 | \$4,375 |
|) . | CONSTRUCT 8"x8"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK | 2 | EA | \$300.00 | \$600 |
|) . | CONSTRUCT 8"x8" x8." M.J. TEE ASSEMBLY AND BACKING BLOCK | 2 | EA | \$350.00 | \$700 |
| | CONSTRUCT 10"x10"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK | 2 | ĒΑ | \$400.00 | \$800 |
| ? . | CONSTRUCT 8"x6" M.J. WATER CROSS | 2 | ĒΑ | \$380.00 | \$760 |
| | CONSTRUCT 6" M.J. GATE VALVE AND BOX | 6 | EA | \$1,000.00 | \$6,000 |
| | CONSTRUCT 8" M.J. GATE VALVE AND BOX | 12 | EA | \$1,360.00 | \$16,320 |
| | CONSTRUCT 10" M.J. GATE VALVE AND BOX | 4 | EA | \$1,950.00 | \$7,800 |
| | CONSTRUCT 8"x6" REDUCER | 2 | EA | \$175.00 | \$350 |
| | CONSTRUCT 12"x10" REDUCER | 1 | EA | \$275.00 | \$275 |
| | CONSTRUCT 8" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK | 2 | EA | \$310.00 | \$620 |
| | CONSTRUCT 8" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK | 2 | EA | \$750,00 | \$1,500 |
| | CONSTRUCT 10" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK | 8 | EA | \$1,300.00 | \$10,400 |
| | CONNECT TO EXISTING 8" WATER MAIN | 1 | EA | \$1,500.00 | \$1,500 |
| | CONNECT TO EXISTING 1 WATER MAIN | 1 | EA | \$1,900.00 | \$1,900 |
| | CONNECT TO EXISTING 10 WATER MAIN | 1 | EA | \$2,100.00 | \$2,100 |
| | ADJUST VALVE TO GRADE | 2 | EA | \$150.00 | \$300 |
| | CONSTRUCT CHLORINE TUBE | 3 | EA | \$1,900.00 | \$5,700 |
| | CONSTRUCT SAMPLING TAP | 6 | EA | \$450.00 | \$2,700 |
| | SAW-CUT PAVEMENT FULL DEPTH | 10 | LF | \$20.00 | \$2,700 |
| | REMOVE 7" PCC CURB RAMP | 72 | SF | \$10.00 | \$200 \$720 |
| | CONSTRUCT 7" PCC CURB RAMP | 72 | SF | \$10.00 \$55.00 | \$3,960 |
| | CONSTRUCT DETECTABLE WARNING PANEL | 16 | SF | \$20.00 | |
| | | 15 | SF SF | • | \$320 |
| • | CONSTRUCT 7" PCC IMPRINTED SURFACE | | | \$55.00 *2.05 | \$825 |
| • | CONSTRUCT SILT FENCE | 1,000 | LF LF | \$2.85 | \$2,850 |
| | REMOVE SILT FENCE CLEANOUT BASIN | 1,000 5,000 | CY | \$1.20 | \$1,200 |
| - | | | | \$5.25 \$500.00 | \$26,250 |
| | SEEDING - TYPE "TEMPORARY SEED MIX" STRAW MULCH | 4 | AC AC | \$520.00 \$75.00 | \$2,080 \$300 |
| | CONTINGENCY | 5% | | \$490,700.00 | \$24,535 |
| | | | | | |
| | | Estimated Cons | truction | Costs: | \$515,235 |
| | | | <u>Estimate</u> | d Soft Costs | |
| | | | | ng Design and | |
| | | | | ion Administration: | \$92,742 |
| | | 1 00% | Geotechn | ical and Testing: | \$5,152 |

| Engineering Design and | 18.00% Construction Administration: | \$92,742.30 | 1.00% Geotechnical and Testing: | \$5,152.35 | 5.00% Legal: | \$25,761.75 | 5.00% Fiscal: | \$31,944.57 | 7.00% Interest: | \$35,218.89 | 9 Duration (Months)

Total Estimated Soft Costs:

% \$190,819.86

Total Estimated Costs:

\$706,054.86

WATER-CAPITAL FACILITY FEES-PAPILLION RESIDENTIAL



Unit price is per the City of Papillion Master Fee Schedule for single family residential development, effective OCT 1, 2018.

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | | Total |
|----|-----------------------------|-------------------------------|------------|---------------|--------------|----------------------------|
| 1. | RESIDENTIAL (SINGLE FAMILY) | 102 | EA | \$2,400.00 | | \$244,800.00 |
| | | Estimated Construction Costs: | | | \$244,800.00 | |
| | | Estimated Soft Costs | | | | |
| | | 2.00% 5.00% | | ng Design and | | \$4,896.00 \$12,240.00 |
| | | 5.00% I | | | | \$13,096.80 \$14,439.22 |
| | | | Duration (| Months) | | ψ14,403.2Z |
| | | Total Estimated | Soft Cos | sts: | 18% | \$44,672.02 |
| | | Total Estimated | Costs: | | | \$289,472.02 |

WATER-CAPITAL FACILITY FEES-PAPILLION PARK OR COMMON AREA

Assump

Assumptions/Comments:

Unit price is per the City of Papillion Master Fee Schedule for park or common area, effective OCT 1, 2018. Park land outlot to be purchased in Phase 2

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|----|---|----------------------------|-------------------------|--------------------------|-----------------------------|
| 1. | OUTLOTS E, F, G, H, I, J, K, L, N OUTLOTS M - PARK AREAS | 5.98 24.62 | AC AC | \$6,705.00 \$6,705.00 | \$40,095.90 \$165,077.10 |
| | - 12 | 5.980876951 Estimated Cons | truction | Costs: | \$205,173.00 |
| | | 1 | <u>Estimate</u> | d Soft Costs | |
| | | 2.00% 5.00% | | ng Design and | \$4,103.46 \$10,258.65 |
| | | 5.00% | Fiscal: | | \$10,976.76 |
| | | | Interest: Duration (| (Months) | \$12,101.87 |
| | | Total Estimated | Soft Co | sts: 18% | \$37,440.74 |
| | | Total Estimated | Costs: | | \$242,613.74 |

WATER INTERIOR G.O.

Assumptions/Comments:

1/2 the length of pipe adjacent to parks is GO. Price difference for pipes and fittings larger than 8" is GO. Cost differences have been assigned. Items in yellow are either questionable as allowable GO or we don't have an 8" equivalent price established to calculate cost differences. We don't have a bid price for 16" steel casing with 8" DIP to determine the cost difference for the incease to 20" steel casing with 10" DIP, but based on area of steel we estiamte the cost of small system to be 36% less 490x.36= \$314. So the cost difference is \$176

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|------|--|----------------------|------|-------------|-------------|
| 1. | CONSTRUCT 6" D.I.P. | 151 | LF | \$27.50 | \$4,152.50 |
| 2. | CONSTRUCT 8" D.I.P. | 270 | LF | \$35.00 | \$9,450.00 |
| 3. | CONSTRUCT 10" D.I.P. (COST DIFFERNCE BETWEEN 8" and 10") | 865 | LF | \$8.00 | \$6,920.00 |
| 4. | TUNNEL 20" STEEL CASING WITH 10" D.I.P. (COST DIFFERENCE) | 110 | LF | \$176.00 | \$19,360.00 |
| 5. | REMOVE EXISTING 8" x 90 DEGREE HORIZONTAL BEND REMOVE, SALVAGE AND REINSTALL EXISTING TYPE 5 END OF MAIN | 0 | EA | \$350.00 | \$0.00 |
| 6. | HYDRANT | 0 | EA | \$2,100,00 | \$0.00 |
| 7. | CONSTRUCT TYPE 1 HYDRANT, GATE VALVE AND TEE ASSEMBLY | 0 | EA | \$4,050.00 | \$0.00 |
| 8. | CONSTRUCT TYPE 1 HTDRANT, GATE VALVE AND TEE ASSEMBLY | 0 | EA | \$4,375.00 | \$0.00 |
| 9. | CONSTRUCT 117FE 2 HTDRAINT, GATE VALVE AND TEE ASSEMBLT CONSTRUCT 8"x8"x6" M.J. TEE ASSEMBLY AND BACKING BLOCK | 0 | EA | \$300.00 | \$0.00 |
| 10. | CONSTRUCT 8"x8"x8" M.J. TEE ASSEMBLY AND BACKING BLOCK | 0 | EA | \$350.00 | \$0.00 |
| 11 . | CONSTRUCT 10"x10"x8" M,J. TEE ASSEMBLY AND BACKING BLOCK | 2 | EA | \$50.00 | \$100,00 |
| 12. | CONSTRUCT 10 X10 X8 M.J. TEE ASSEMBLY AND BACKING BLOCK CONSTRUCT 8"X6" M.J. WATER CROSS | 0 | EA | \$380.00 | \$0.00 |
| 13 . | CONSTRUCT 6" M.J. GATE VALVE AND BOX | 0 | EA | \$1,000.00 | \$0.00 |
| 14 . | CONSTRUCT 8" M.J. GATE VALVE AND BOX | 0 | EA | \$1,360.00 | \$0.00 |
| 15 . | CONSTRUCT 10" M.J. GATE VALVE AND BOX | 4 | EA | \$590.00 | \$2,360.00 |
| 16 . | CONSTRUCT 8"x6" REDUCER | 0 | EA | \$175.00 | \$0.00 |
| 17. | CONSTRUCT 12"x10" REDUCER | 1 | EA | \$100.00 | \$100.00 |
| 18 . | CONSTRUCT 8" x 45 DEGREE HORIZONTAL BEND WITH BACKING BLOCK | Ó | EA | \$310.00 | \$0.00 |
| 19. | CONSTRUCT 8" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK | 0 | EA | \$750.00 | \$0.00 |
| 20 . | CONSTRUCT 10" x 45 DEGREE VERTICAL BEND WITH BACKING BLOCK | 8 | EA | \$550.00 | \$4,400.00 |
| 21 . | CONNECT TO EXISTING 8" WATER MAIN | 0 | EA | \$1,500.00 | \$0.00 |
| 22 . | CONNECT TO EXISTING 10" WATER MAIN | 1 | EA | \$400.00 | \$400.00 |
| 23 . | CONNECT TO EXISTING 12" WATER MAIN | 1 | EA | \$600.00 | \$600.00 |
| 24 . | ADJUST VALVE TO GRADE | Ó | EA | \$150.00 | \$0.00 |
| 25 . | CONSTRUCT CHLORINE TUBE | 3 | EA | \$1,900.00 | \$5,700.00 |
| 26 . | CONSTRUCT SAMPLING TAP | 6 | EA | \$450.00 | \$2,700.00 |
| 27 . | SAW-CUT PAVEMENT FULL DEPTH | 10 | LF | \$20.00 | \$200.00 |
| 28 . | REMOVE 7" PCC CURB RAMP | 72 | SF | \$10.00 | \$720.00 |
| 29 . | CONSTRUCT 7" PCC CURB RAMP | 72 | SF | \$55.00 | \$3,960.00 |
| 30 . | CONSTRUCT DETECTABLE WARNING PANEL | 16 | SF | \$20.00 | \$320.00 |
| 31 . | CONSTRUCT 7" PCC IMPRINTED SURFACE | 15 | SF | \$55.00 | \$825.00 |
| 32 . | CONSTRUCT SILT FENCE | 1,000 | LF. | \$2.85 | \$2,850,00 |
| 33 . | REMOVE SILT FENCE | 1,000 | LF | \$1.20 | \$1,200.00 |
| 34 . | CLEANOUT BASIN | 5,000 | CY | \$5.25 | \$26,250.00 |
| 35 . | SEEDING - TYPE "TEMPORARY SEED MIX" | 4 | AC | \$520.00 | \$2,080.00 |
| 36 . | STRAW MULCH | 4 | AC | \$75.00 | \$300.00 |
| | CONTINGENCY | 5% | | \$94,947.50 | \$4,747.38 |

| Estimated | Construction | Costs: |
|------------------|--------------|--------|
| | | |

\$99,694.88

Estimated Soft Costs

| | Engineering Design and | |
|--------|------------------------------|-------------|
| 18.00% | Construction Administration: | \$17,945.08 |
| 1.00% | Geotechnical and Testing: | \$996.95 |
| 5.00% | Legal: | \$4,984.74 |
| 5.00% | Fiscal: | \$6,181.08 |
| 7.00% | Interest: | \$6,814.64 |
| 9 | Duration (Months) | |

Total Estimated Soft Costs:

7%____\$36,922.50

Total Estimated Costs:

\$136,617.37

WATER-CAPITAL FACILITY FEES-PAPILLION RESIDENTIAL G.O.

Assumptions/Comments:

50% of total cost is G.O.

| | | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|----|----------------------|----------------------|----------------------|------|--------------|--------------|
| 1. | 50% OF TOTAL IS G.O. | | 1 | ŁS | \$144,736.01 | \$144,736.01 |
| | | <u> </u> | | | | |

Estimated Construction Costs:

\$144,736.01

WATER-CAPITAL FACILITY FEES-PAPILLION PARK OR COMMON AREA G.O.

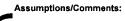
Assumptions/Comments:
50% of total cost is G.O.

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|--------------------------|----------------------|----------------------|------|--------------|--------------|
| 1 . 50% OF TOTAL IS G.O. | | 1 | L\$ | \$121,306.87 | \$121,306.87 |

Estimated Construction Costs:

\$121,306.87

POWER



| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|----|-------------------------------|------------------------|--------------|----------------------|---------------------------|
| 1. | PIONEER VIEW RESIDENTIAL LOTS | 102 | EA | \$1,350.00 | \$137,700.00 |
| | | Estimated Construction | on Costs | :: | \$137,700.00 |
| | |] | d Soft Costs | | |
| | | | | ng Design and | |
| | | | | tion Administration: | \$13,770.00 \$6,885.00 |
| | | 5.00% I 5.00% I | | | \$7,917.75 |
| | | | nterest: | | \$8,729.32 |
| | | | Duration (| (Months) | |
| | | Total Estimated Soft | Costs: | 27 | % \$37,302.07 |
| | | Total Estimated Costs | s: | | \$175,002.07 |

UTILITY RELOCATION

ASSI

Assumptions/Comments:

Price is based on signed Reimbursement Agreement with NNG.

| | Bid Item Description | Approximate Quantity | Unit | Unit Price | Total |
|----|---------------------------------|-------------------------|-------------------|--------------------|----------------------------|
| 1. | NORTHERN NATURAL GAS RELOCATION | 1 | LS | \$531,941.00 | \$531,941.00 |
| | | Estimated Constru | ction Cos | ts: | \$531,941.00 |
| | | | Estimated | Soft Costs | |
| | | | Engineerin | g Design and | |
| | | | | on Administration: | \$0.00 |
| | | 5.00% | Legal: Fiscal: | | \$26,597.05 \$27,926.90 |
| | | | Interest: | | \$61,578.82 |
| | | 18 | Duration (N | fonths) | |
| | | Total Estimated So | ft Costs: | 22% | \$116,102.77 |
| | | Total Estimated Co | sts: | | \$648,043.77 |

Plan Review Fee

Assumptions/Comments:



| | Bid Item Description | Construction Cost | Plan Review Fee | Total |
|------|---------------------------------------|-------------------------|-----------------|-------------|
| 1. | SANITARY SEWER - INTERIOR | \$549,109.16 | 1.00% | \$5,491.09 |
| 2. | SANITARY SEWER - OUTFALL | \$0.00 | 1.00% | \$0.00 |
| 3. | STORM SEWER | \$183,578.71 | 1.00% | \$1,835.79 |
| 4. | FRICKE CREEK STORM SEWER - Original | \$0.00 | 1.00% | \$0.00 |
| 5. | PAVING MINOR | \$1,124,409.25 | 1,00% | \$11,244.09 |
| 6. | PAVING COLLECTOR | \$0.00 | 1.00% | \$0.00 |
| 7, | PAVING MAJOR 66TH STREET IMPROVEMENTS | \$375,683.16 | 1.00% | \$3,756.83 |
| 8. | SIDEWALKS INTERIOR | \$89,985.20 | 1.00% | \$899.85 |
| 9. | PARKS IMPROVEMENTS | \$147,487.50 | 1.00% | \$1,474.88 |
| 10 . | WATER INTERIOR | \$515,235.00 | 1.00% | \$5,152,35 |
| 11 . | WATER OFFSITE | \$0.00 | 1.00% | \$0.00 |
| | | Estimated Construction | Costs: | \$29,854.88 |
| | | Esti | | |
| | | 5.00% Fisc | al: | \$1,492.74 |
| | | 7.00% Inte | | \$2,194.33 |
| | | 12 Dura | ation (Months) | · , |
| | | Total Estimated Soft Co | sts: 12%_ | \$3,687.08 |
| | | Total Estimated Costs: | | \$33,541.96 |

Exhibit G-2

S.I.D. Cost Estimate

Pioneer View Total Estimate 0114052.01-003 SID No. 305 4/10/2020

ORDER OF MAGNITUDE COST ESTIMATE

| Proposed Improvement | Quantity | Unit | Construction Cost | Total Cost | General Obligation | Special | Reimbursable |
|---|----------|------|----------------------|----------------|-----------------------|----------------|--------------|
| SANITARY SEWER | | | | | | | |
| Interior | 11282 | LF | \$1,148,400.00 | \$1,600,900.00 | \$96,000.00 | \$1,504,900.00 | |
| STORM SEWER | | | | | | | |
| Interior | 3824 | LF | \$546,964.52 | \$800,058.35 | \$793,460.60 | \$0.00 | \$0.00 |
| Fricke Creek | 70 | LF | \$557,000.00 | \$781,700.00 | \$781,700.00 | \$0.00 | \$0.00 |
| PAVING | | | | | | | |
| Minor | 48171 | SY | \$2,244,100.00 | \$2,913,300.00 | \$910,500.00 | \$2,002,800.00 | \$0.00 |
| Major | 3500 | SY | \$375,700.00 | \$523,100.00 | \$523,100.00 | \$0,00 | \$0.00 |
| Reimbursement to Sarpy County | 1 | LS | \$40,700.00 | \$45,900.00 | \$45,900.00 | \$0.00 | \$0.00 |
| SIDEWALKS | 17937 | SF | \$90,000.00 | \$127,400.00 | \$127,400.00 | \$0.00 | \$0.00 |
| Regulatory Signage | 1 | LS | \$19,700.00 | \$28,800.00 | \$28,800.00 | \$0.00 | \$0.00 |
| PARKS | | | | | | | |
| Acquisition | 16.08 | AC | \$250,900.00 | \$287,600.00 | \$287,600.00 | \$0.00 | \$0.00 |
| Improvements | 41100 | SF | \$147,500.00 | \$208,800.00 | \$208,800.00 | \$0.00 | \$0.00 |
| WATER | | | | | | | |
| Interior | 16725 | LF | \$940,200.00 | \$1,267,400.00 | \$294,400.00 | \$973,000.00 | \$0.00 |
| Off-Site | 0 | LF | \$0.00 | \$0.00 | \$0,00 | \$0.00 | \$0.00 |
| Capital Facilities Charge-Single Family | 232 | Lots | \$541,900.00 | \$649,600.00 | \$324,800.00 | \$324,900.00 | \$0.00 |
| Capital Facilities Charge-Outlot/Park | 45 | AC | \$299,700.00 | \$357,200.00 | \$178,600.00 | \$178,600.00 | \$0.00 |
| POWER | 232 | Lots | \$313,200.00 | \$399,900.00 | \$0.00 | \$399,900.00 | \$0.00 |
| UTILITY RELOCATION | 1 | LF | \$531,900.00 | \$648,000.00 | \$0.00 | \$648,000.00 | \$0.00 |
| PLAN REVIEW FEE | 1 | % | \$54,600.00 | \$61,900.00 | \$46,400.00 | \$15,500.00 | \$0,00 |

4/10/2020 5:51 PM Page 2 of 3 ESTIMATE 0114052 Total.xlsx

Total

\$8,102,464.52 \$10,701,558.35 \$4,647,460.60 \$6,047,600.00

\$0.00

DEBT RATIO = 5.68%

DEBT RATIO

| ASSUMPTIONS | _ | | | | |
|---|----------------|---------|------------------|---|-----------------|
| Average market Value Per Residential Home - Phase 1 (Land Value Only) | = \$68,000.00 | | | | |
| Average market Value Per Residential Home - Phase 2 (Land Value Only) | = \$76,000.00 | | | | |
| Average Market Value Per Residential Lot (Improvement Only) | = \$300,000.00 | | | | |
| Commercial Land Value per square foot | = | | | | |
| Commercial Building Value per square foot | = | | | | |
| Apartment Land per square foot | = | | | | |
| Apartment Building per square foot | = | | | | |
| | | | | | |
| ASSESSABLE VALUATION | | | | | |
| Residential Lot - Phase 1 | 130 | Units = | \$68,000.00 | = | \$8,840,000.00 |
| Residential Improvements - Phase 1 | 130 | Units = | \$300,000.00 | = | \$39,000,000.00 |
| Residential Lot - Phase 2 | 102 | Units = | \$76,000.00 | = | \$7,752,000.00 |
| Residential Improvements - Phase 2 | 102 | Units = | \$300,000.00 | = | \$30,600,000.00 |
| Commercial Land | | AC = | \$0.00 | = | \$0.00 |
| Commercial Building | | SF = | \$0.00 | = | \$0.00 |
| Apartment Land | | AC = | \$0.00 | = | \$0.00 |
| Apartment Building | | Units = | \$0.00 | = | \$0.00 |
| | | Tota | l 100% Valuation | | \$86,192,000.00 |
| | | Tot | al 95% Valuation | = | \$81 882 400 00 |