

STREET IMPROVEMENTS

CRETE, NE

JEO 220169.00 – 2022 STREET IMPROVEMENTS

DRAFT ASSESSMENT CALCULATION

DATE MODIFIED: 1/31/2022

ESTIMATED STREET COSTS

32' WIDE CONCRETE PAVING = 3.5556 SY/Running Foot

- **7" Concrete Paving @ \$75/SY**
 - **\$75/SY x 3.5556 SY/Running Foot = \$267/Running Foot**
- **Subgrade Prep @ \$7/SY**
 - **\$7/SY x 3.5556 SY/Running Foot = \$25/Running Foot**
- **Excavation @ \$20/CY**
 - **\$20/CY x 1.185 CY/Running Foot = \$24/Running Foot**
 - **Assumed a depth of 1' for excavation**
- **Overhead Factor @ 1.20 (Engineering, Bond, Legal)**

\$267 + \$25 + \$24 = \$316/Running Foot

\$316 x 1.20 = \$379.20/Running Foot

\$379.20 divided by 2 = \$189.60/Running Foot per Side

ESTIMATED SIDEWALK COSTS

4' WIDE SIDEWALK = 4 SF/Running Foot per side

- **Concrete Sidewalk @ \$8/SF**
- **Overhead Factor @ 1.20 (Engineering, Bond, Legal)**

\$8/SF x 4 SF/Running Foot per side = \$32/Running Foot per side

\$32 x 1.20 = \$38.40/Running Foot per side

ESTIMATED COMBINED COSTS

\$189.60/Running Foot Paving + \$38.40/Running Foot Sidewalk = \$228/Running Foot

Estimated Assessment Paving and Sidewalk = \$228/Running Foot

ALL BLOCK MEASUREMENTS WERE MADE USING A PLAT MAP ON FILE

GAP #1 – 23RD STREET FROM MAIN AVENUE TO NORMAN AVENUE

$258' + 122' + 116' = 496$ running feet (RF)

$496 \text{ RF} * \$228/\text{RF} = \$113,088$

GAP #2 - 18TH STREET FROM MAIN AVENUE TO LINDEN AVENUE AND LINDEN AVENUE FROM 18TH STREET TO 19TH STREET

18TH STREET:

$116' + 122' + 116' + 122' = 476$ running feet (RF)

LINDEN AVENUE:

$264' + 264' = 528$ running feet (RF)

TOTAL:

$476 \text{ RF} + 528 \text{ RF} * \$228/\text{RF} = \$228,912$

GAP #3 – 21ST STREET FROM MAIN AVENUE TO LINDEN AVENUE

$116' + 122' + 116' + 122' = 476$ running feet (RF)

$476 \text{ RF} * \$228/\text{RF} = \$108,528$

GAP #4 – LINDEN AVENUE FROM 20TH STREET TO 21ST STREET

$264' + 264' = 528$ running feet (RF)

$528 \text{ RF} * \$228/\text{RF} = \$120,384$

GAP #5 – OAK AVENUE FROM 17TH STREET TO 18TH STREET AND 18TH STREET FROM NORMAN AVENUE TO OAK AVENUE

OAK AVENUE:

$$264' + 68' + 264' = 596 \text{ running feet (RF)}$$

18TH STREET:

$$122' + 122' + 68' + 122' + 122' = 556 \text{ running feet (RF)}$$

TOTAL:

$$596 \text{ RF} + 556 \text{ RF} * \$228/\text{RF} = \$262,656$$

GAP #6 – KINGWOOD AVENUE FROM 21ST STREET TO 22ND STREET

$$264' + 264' = 528 \text{ running feet (RF)}$$

$$528 \text{ RF} * \$228/\text{RF} = \$120,384$$

GAP #7 – 23RD STREET FROM NORMAN AVENUE TO OAK AVENUE AND OAK AVENUE FROM 23RD STREET TO 22ND STREET

23RD STREET:

$$122' + 122' + 122' + 122' = 488 \text{ running feet (RF)}$$

OAK AVENUE:

$$264' + 68' + 264' = 596 \text{ running feet (RF)}$$

TOTAL:

$$488 \text{ RF} + 596 \text{ RF} * \$228/\text{RF} = \$247,152$$

GAP #8 – 21ST STREET FROM LINDEN AVENUE TO KINGWOOD AVENUE

$$122' + 122' + 122' + 122' = 488 \text{ running feet (RF)}$$

$$488 \text{ RF} * \$228/\text{RF} = \$111,264$$

GAP #9 – 20TH STREET FROM LINDEN AVENUE TO KINGWOOD AVENUE

$122' + 122' + 122' + 122' = 488$ running feet (RF)

$488 \text{ RF} * \$228/\text{RF} = \$111,264$

GAP #10 – 21ST STREET FROM NORMAN AVENUE TO OAK AVENUE AND OAK AVENUE FROM 21ST STREET TO 22ND STREET

21ST STREET:

$122' + 122' + 122' + 122' = 488$ running feet (RF)

OAK AVENUE:

$264' + 264' = 528$ running feet (RF)

TOTAL:

$488 \text{ RF} + 528 \text{ RF} * \$228/\text{RF} = \$231,648$

ESTIMATED TOTAL ASSESSMENT COST:

$\$113,088 + \$228,912 + \$108,528 + \$120,384 + \$262,656 + \$120,384 + \$247,152 + \$111,264 + \$111,264 + \$231,648 = \$1,655,280$

ESTIMATED TOTAL PROJECT COST BREAKDOWN

$\$3,382,344$ (TOTAL COST) - $\$1,655,280$ (ASSESSED COST) = $\$1,727,064$ (GENERAL OBLIGATION)

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE COST**2022 Gap Paving - 23rd Street (32' Wide) Main to Norman****Crete, NE****JEO Project No. 220169.00**

Date Prepared:

January 31, 2022

**ESTIMATE OF QUANTITIES**

Item #	Description	Unit	Quantity	Unit Price	Total
Gap #1 - 23rd Street (32' Wide) Main to Norman					
1.	Mobilization	LS	1	\$11,000.00	\$11,000
2.	Bonding and Insurance	LS	1	\$3,500.00	\$3,500
3.	Clearing and Grubbing	LS	1	\$5,000.00	\$5,000
4.	Remove Tree	EA	6	\$1,800.00	\$10,800
5.	Remove CMP Storm Sewer Pipe	LF	25	\$15.00	\$375
6.	Remove Pavement	SY	120	\$25.00	\$3,000
7.	Remove and Replace Existing Concrete Curb and Gutter	LF	20	\$65.00	\$1,300
8.	Remove Concrete Sidewalk	SF	80	\$3.00	\$240
8.	Remove and Reset Mailbox	EA	2	\$100.00	\$200
10.	Reset Sign and Post	EA	2	\$250.00	\$500
11.	Excavation, Established Quantity	CY	500	\$20.00	\$10,000
12.	7" Concrete Pavement	SY	1,050	\$75.00	\$78,750
13.	6" Concrete Driveway	SY	150	\$75.00	\$11,250
14.	4" Concrete Sidewalk	SF	2,500	\$8.00	\$20,000
15.	Detectable Warning Panels	SF	128	\$35.00	\$4,480
16.	Subgrade Preparation	SY	1,050	\$7.00	\$7,350
17.	Gravel Surface Course	TONS	2	\$75.00	\$150
18.	Concrete Header	EA	2	\$1,000.00	\$2,000
19.	Adjust Valve Box to Grade	EA	1	\$500.00	\$500
20.	Temporary Traffic Control Measures	LS	1	\$2,500.00	\$2,500
21.	Silt Fence, High Porosity	LF	50	\$8.00	\$400
21.	Storm Sewer Inlet, Type A	EA	1	\$3,000.00	\$3,000
23.	Curb Inlet Sediment Filter	EA	2	\$300.00	\$600
24.	Hydro-Seeding, Fertilizer and Mulch	ACRE	0.20	\$8,000.00	\$1,600
Construction Subtotal				Base Bid	\$178,500
Contingency				10%	\$17,850
Total Opinion of Construction Cost					\$196,350
Gap #1 - PROFESSIONAL SERVICES					
1.	Design Services (Survey, Engineering, Construction)				\$23,562
2.	Support Services (Bond, Legal)				\$15,708
Total Opinion of Project Cost					\$235,620
Gap #1 - GENERAL OBLIGATION & ASSESSMENT BREAKDOWN					
1.	Assessed Cost				\$113,088
2.	General Obligation Cost				\$122,532

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE COST**2022 Gap Paving - 18th Street (32' Wide) Main - Linden and Linden Avenue****Crete, NE****JEO Project No. 220169.00**

Date Prepared:

January 31, 2022

**ESTIMATE OF QUANTITIES**

Item #	Description	Unit	Quantity	Unit Price	Total
Gap #2 - 18th Street (32' Wide) Main - Linden and Linden Avenue (32' Wide) 18th - 19th					
1.	Mobilization	LS	1	\$23,000.00	\$23,000
2.	Bonding and Insurance	LS	1	\$7,000.00	\$7,000
3.	Clearing and Grubbing	LS	1	\$5,000.00	\$5,000
4.	Remove Tree	EA	7	\$1,800.00	\$12,600
5.	Remove Pavement	SY	120	\$25.00	\$3,000
6.	Remove and Replace Existing Concrete Curb and Gutter	LF	40	\$65.00	\$2,600
7.	Remove Concrete Sidewalk	SF	80	\$3.00	\$240
8.	Reset Sign and Post	EA	3	\$250.00	\$750
9.	Remove and Reset Mailbox	EA	3	\$250.00	\$750
10.	Excavation, Established Quantity	CY	1,000	\$20.00	\$20,000
11.	7" Concrete Pavement	SY	2,150	\$75.00	\$161,250
12.	6" Concrete Driveway	SY	300	\$75.00	\$22,500
13.	4" Concrete Sidewalk	SF	4,800	\$8.00	\$38,400
14.	Detectable Warning Panels	SF	80	\$35.00	\$2,800
15.	Subgrade Preparation	SY	2,150	\$7.00	\$15,050
16.	Gravel Surface Course	TONS	4	\$75.00	\$300
17.	Concrete Header	EA	2	\$1,000.00	\$2,000
18.	Adjust Valve Box to Grade	EA	2	\$500.00	\$1,000
19.	Adjust Manhole to Grade	EA	1	\$750.00	\$750
20.	Temporary Traffic Control Measures	LS	1	\$2,500.00	\$2,500
21.	Silt Fence, High Porosity	LF	100	\$8.00	\$800
22.	Curb Inlet Sediment Filter	EA	1	\$300.00	\$300
23.	Hydro-Seeding, Fertilizer and Mulch	ACRE	0.40	\$8,000.00	\$3,200

Construction Subtotal Base Bid \$325,790

Contingency 10% \$32,580

Total Opinion of Construction Cost \$358,370**Gap #2 - PROFESSIONAL SERVICES**

1.	Design Services (Survey, Engineering, Construction)	\$43,004
2.	Support Services (Bond, Legal)	\$28,670
Total Opinion of Project Cost		\$430,044

Gap #2 - GENERAL OBLIGATION & ASSESSMENT BREAKDOWN

1.	Assessed Cost	\$228,912
2.	General Obligation Cost	\$201,132

JEO Consulting Group Inc.'s (JEO) Opinions of Probable Cost provided for herein are to be made on the basis of JEO's experience and qualifications and represent JEO's best judgment. However, since JEO has no control over the cost of labor, materials, equipment, or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions, JEO cannot and does not guarantee that proposals, bids, or actual construction cost will not vary from Opinions of Probable Cost prepared by JEO.

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE COST**2022 Gap Paving - 21st Street (32' Wide) Main to Linden****Crete, NE****JEO Project No. 220169.00***Date Prepared:**January 31, 2022***ESTIMATE OF QUANTITIES**

Item #	Description	Unit	Quantity	Unit Price	Total
Gap #3 - 21st Street (32' Wide) Main to Linden					
1.	Mobilization	LS	1	\$18,000.00	\$18,000
2.	Bonding and Insurance	LS	1	\$6,000.00	\$6,000
3.	Clearing and Grubbing	LS	1	\$5,000.00	\$5,000
4.	Remove Tree	EA	6	\$1,800.00	\$10,800
5.	Remove Pavement	SY	220	\$25.00	\$5,500
6.	Remove and Replace Existing Concrete Curb and Gutter	LF	20	\$65.00	\$1,300
7.	Remove Concrete Sidewalk	SF	2,000	\$3.00	\$6,000
8.	Reset Sign and Post	EA	1	\$250.00	\$250
9.	Excavation, Established Quantity	CY	500	\$20.00	\$10,000
10.	7" Concrete Pavement	SY	2,000	\$75.00	\$150,000
11.	6" Concrete Driveway	SY	175	\$75.00	\$13,125
12.	4" Concrete Sidewalk	SF	2,600	\$8.00	\$20,800
13.	Detectable Warning Panels	SF	64	\$35.00	\$2,240
14.	Subgrade Preparation	SY	2,000	\$7.00	\$14,000
15.	Gravel Surface Course	TONS	2	\$75.00	\$150
16.	Concrete Header	EA	1	\$1,000.00	\$1,000
17.	Adjust Valve Box to Grade	EA	1	\$500.00	\$500
18.	Temporary Traffic Control Measures	LS	1	\$2,500.00	\$2,500
19.	Silt Fence, High Porosity	LF	50	\$8.00	\$400
20.	Hydro-Seeding, Fertilizer and Mulch	ACRE	0.20	\$8,000.00	\$1,600
Construction Subtotal Base Bid					\$269,170
Contingency 10%					\$26,920
Total Opinion of Construction Cost					\$296,090

Gap #3 - PROFESSIONAL SERVICES

1.	Design Services (Survey, Engineering, Construction)	\$35,531
2.	Support Services (Bond, Legal)	\$23,687
Total Opinion of Project Cost		\$355,308

Gap #3 - GENERAL OBLIGATION & ASSESSMENT BREAKDOWN

1.	Assessed Cost	\$108,528
2.	General Obligation Cost	\$246,780

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ENGINEER'S CONCEPTUAL OPINION OF PROBABLE COST**2022 Gap Paving - Linden Avenue (32' Wide) 20th to 21st****Crete, NE****JEO Project No. 220169.00***Date Prepared:**January 31, 2022***ESTIMATE OF QUANTITIES**

Item #	Description	Unit	Quantity	Unit Price	Total
Gap #4 - Linden Avenue (32' Wide) 20th to 21st					
1.	Mobilization	LS	1	\$13,000.00	\$13,000
2.	Bonding and Insurance	LS	1	\$4,000.00	\$4,000
3.	Clearing and Grubbing	LS	1	\$5,000.00	\$5,000
4.	Remove Tree	EA	9	\$1,800.00	\$16,200
5.	Remove Pavement	SY	35	\$25.00	\$875
6.	Remove and Replace Existing Concrete Curb and Gutter	LF	20	\$65.00	\$1,300
7.	Remove Concrete Sidewalk	SF	40	\$3.00	\$120
8.	Reset Sign and Post	EA	2	\$250.00	\$500
9.	Remove and Reset Mailbox	EA	1	\$250.00	\$250
10.	Excavation, Established Quantity	CY	500	\$20.00	\$10,000
11.	7" Concrete Pavement	SY	1,150	\$75.00	\$86,250
12.	6" Concrete Driveway	SY	100	\$75.00	\$7,500
13.	4" Concrete Sidewalk	SF	2,700	\$8.00	\$21,600
14.	Detectable Warning Panels	SF	64	\$35.00	\$2,240
15.	Subgrade Preparation	SY	1,150	\$7.00	\$8,050
16.	Gravel Surface Course	TONS	2	\$75.00	\$150
17.	Temporary Traffic Control Measures	LS	1	\$2,500.00	\$2,500
18.	Silt Fence, High Porosity	LF	50	\$8.00	\$400
19.	Hydro-Seeding, Fertilizer and Mulch	ACRE	0.20	\$8,000.00	\$1,600
Construction Subtotal Base Bid					\$181,540
Contingency 10%					\$18,160
Total Opinion of Construction Cost					\$199,700

Gap #4 - PROFESSIONAL SERVICES

1.	Design Services (Survey, Engineering, Construction)	\$23,964
2.	Support Services (Bond, Legal)	\$15,976
Total Opinion of Project Cost		\$239,640

Gap #4 - GENERAL OBLIGATION & ASSESSMENT BREAKDOWN

1.	Assessed Cost	\$120,384
2.	General Obligation Cost	\$119,256

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE COST**2022 Gap Paving - Oak Avenue (32' Wide) 17th to 18th and 18th Street (3****Crete, NE****JEO Project No. 220169.00***Date Prepared:**January 31, 2022***ESTIMATE OF QUANTITIES**

Item #	Description	Unit	Quantity	Unit Price	Total
Gap #5 - Oak Avenue (32' Wide) 17th to 18th and 18th Street (32' Wide) Norman to Oak					
1.	Mobilization	LS	1	\$26,000.00	\$26,000
2.	Bonding and Insurance	LS	1	\$8,500.00	\$8,500
3.	Clearing and Grubbing	LS	1	\$5,000.00	\$5,000
4.	Remove Tree	EA	21	\$1,800.00	\$37,800
5.	Remove CMP Storm Sewer Pipe	LF	12	\$15.00	\$180
6.	Remove Pavement	SY	50	\$25.00	\$1,250
7.	Remove and Replace Existing Concrete Curb and Gutter	LF	40	\$65.00	\$2,600
8.	Remove Concrete Sidewalk	SF	120	\$3.00	\$360
9.	Reset Sign and Post	EA	2	\$250.00	\$500
9.	Remove and Reset Mailbox	EA	3	\$250.00	\$750
11.	Excavation, Established Quantity	CY	1,000	\$20.00	\$20,000
12.	7" Concrete Pavement	SY	2,500	\$75.00	\$187,500
13.	6" Concrete Driveway	SY	200	\$75.00	\$15,000
14.	4" Concrete Sidewalk	SF	5,500	\$8.00	\$44,000
15.	Detectable Warning Panels	SF	96	\$35.00	\$3,360
16.	Subgrade Preparation	SY	2,500	\$7.00	\$17,500
17.	Gravel Surface Course	TONS	4	\$75.00	\$300
18.	Concrete Header	EA	2	\$1,000.00	\$2,000
19.	Temporary Traffic Control Measures	LS	1	\$2,500.00	\$2,500
20.	Silt Fence, High Porosity	LF	100	\$8.00	\$800
21.	Hydro-Seeding, Fertilizer and Mulch	ACRE	0.40	\$8,000.00	\$3,200

Construction Subtotal Base Bid \$379,100

Contingency 10% \$37,910

Total Opinion of Construction Cost \$417,010**Gap #5 - PROFESSIONAL SERVICES**

1.	Design Services (Survey, Engineering, Construction)	\$50,041
2.	Support Services (Bond, Legal)	\$33,361
Total Opinion of Project Cost		\$500,412

Gap #5 - GENERAL OBLIGATION & ASSESSMENT BREAKDOWN

1.	Assessed Cost	\$262,656
2.	General Obligation Cost	\$237,756

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE COST**2022 Gap Paving - Kingwood Avenue (32' Wide) 21st to 22nd****Crete, NE****JEO Project No. 220169.00***Date Prepared:**January 31, 2022***ESTIMATE OF QUANTITIES**

Item #	Description	Unit	Quantity	Unit Price	Total
Gap #6 - Kingwood Avenue (32' Wide) 21st to 22nd					
1.	Mobilization	LS	1	\$12,000.00	\$12,000
2.	Bonding and Insurance	LS	1	\$4,000.00	\$4,000
3.	Clearing and Grubbing	LS	1	\$5,000.00	\$5,000
4.	Remove Tree	EA	13	\$1,800.00	\$23,400
5.	Remove Pavement	SY	80	\$25.00	\$2,000
6.	Remove and Replace Existing Concrete Curb and Gutter	LF	20	\$65.00	\$1,300
7.	Excavation, Established Quantity	CY	500	\$20.00	\$10,000
8.	7" Concrete Pavement	SY	1,050	\$75.00	\$78,750
9.	4" Concrete Sidewalk	SF	2,500	\$8.00	\$20,000
10.	Detectable Warning Panels	SF	64	\$35.00	\$2,240
11.	Subgrade Preparation	SY	1,050	\$7.00	\$7,350
12.	Gravel Surface Course	TONS	2	\$75.00	\$150
13.	Temporary Traffic Control Measures	LS	1	\$2,500.00	\$2,500
14.	Silt Fence, High Porosity	LF	50	\$8.00	\$400
15.	Hydro-Seeding, Fertilizer and Mulch	ACRE	0.20	\$8,000.00	\$1,600
Construction Subtotal				Base Bid	\$170,690
Contingency				10%	\$17,070
Total Opinion of Construction Cost					\$187,760
Gap #6 - PROFESSIONAL SERVICES					
1.	Design Services (Survey, Engineering, Construction)				\$22,531
2.	Support Services (Bond, Legal)				\$15,021
Total Opinion of Project Cost					\$225,312
Gap #6 - GENERAL OBLIGATION & ASSESSMENT BREAKDOWN					
1.	Assessed Cost				\$120,384
2.	General Obligation Cost				\$104,928

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE COST**2022 Gap Paving - 23rd Street (32' Wide) Norman to Oak and Oak Avenue****Crete, NE****JEO Project No. 220169.00***Date Prepared:**January 31, 2022***ESTIMATE OF QUANTITIES**

Item #	Description	Unit	Quantity	Unit Price	Total
Gap #7 - 23rd Street (32' Wide) Norman to Oak and Oak Avenue (32' Wide) 23rd to 22nd					
1.	Mobilization	LS	1	\$22,000.00	\$22,000
2.	Bonding and Insurance	LS	1	\$7,500.00	\$7,500
3.	Clearing and Grubbing	LS	1	\$5,000.00	\$5,000
4.	Remove Tree	EA	3	\$1,800.00	\$5,400
5.	Remove Pavement	SY	64	\$25.00	\$1,600
6.	Remove and Replace Existing Concrete Curb and Gutter	LF	40	\$65.00	\$2,600
7.	Remove Concrete Sidewalk	SF	80	\$3.00	\$240
8.	Reset Sign and Post	EA	3	\$250.00	\$750
9.	Remove and Reset Mailbox	EA	3	\$250.00	\$750
10.	Excavation, Established Quantity	CY	1,000	\$20.00	\$20,000
11.	7" Concrete Pavement	SY	2,400	\$75.00	\$180,000
12.	6" Concrete Pavement	SY	250	\$75.00	\$18,750
13.	4" Concrete Sidewalk	SF	5,200	\$8.00	\$41,600
14.	Detectable Warning Panels	SF	72	\$35.00	\$2,520
15.	Subgrade Preparation	SY	2,400	\$7.00	\$16,800
16.	Gravel Surface Course	TONS	4	\$75.00	\$300
17.	Concrete Header	EA	1	\$1,000.00	\$1,000
18.	Adjust Valve Box to Grade	EA	1	\$500.00	\$500
19.	Temporary Traffic Control Measures	LS	1	\$2,500.00	\$2,500
20.	Silt Fence, High Porosity	LF	50	\$8.00	\$400
21.	Curb Inlet Sediment Filter	EA	3	\$300.00	\$900
22.	Hydro-Seeding, Fertilizer and Mulch	ACRE	0.40	\$8,000.00	\$3,200
Construction Subtotal				Base Bid	\$334,310
Contingency				10%	\$33,440
Total Opinion of Construction Cost					\$367,750
Gap #7 - PROFESSIONAL SERVICES					
1.	Design Services (Survey, Engineering, Construction)				\$44,130
2.	Support Services (Bond, Legal)				\$29,420
Total Opinion of Project Cost					\$441,300
Gap #7 - GENERAL OBLIGATION & ASSESSMENT BREAKDOWN					
1.	Assessed Cost				\$247,152
2.	General Obligation Cost				\$194,148

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE COST**2022 Gap Paving - 21st Street (32' Wide) Linden to Kingwood****Crete, NE****JEO Project No. 220169.00***Date Prepared:**January 31, 2022***ESTIMATE OF QUANTITIES**

Item #	Description	Unit	Quantity	Unit Price	Total
Gap #8 - 21st Street (32' Wide) Linden to Kingwood					
1.	Mobilization	LS	1	\$10,000.00	\$10,000
2.	Bonding and Insurance	LS	1	\$3,500.00	\$3,500
3.	Clearing and Grubbing	LS	1	\$5,000.00	\$5,000
4.	Remove Tree	EA	3	\$1,800.00	\$5,400
5.	Remove Pavement	SY	65	\$25.00	\$1,625
6.	Remove and Replace Existing Concrete Curb and Gutter	LF	20	\$65.00	\$1,300
7.	Remove Concrete Sidewalk	SF	80	\$3.00	\$240
8.	Reset Sign and Post	EA	1	\$250.00	\$250
9.	Remove and Reset Mailbox	EA	1	\$250.00	\$250
10.	Excavation, Established Quantity	CY	500	\$20.00	\$10,000
11.	7" Concrete Pavement	SY	1,000	\$75.00	\$75,000
12.	6" Concrete Pavement	SY	50	\$75.00	\$3,750
13.	4" Concrete Sidewalk	SF	2,500	\$8.00	\$20,000
14.	Detectable Warning Panels	SF	56	\$35.00	\$1,960
15.	Subgrade Preparation	SY	1,000	\$7.00	\$7,000
16.	Gravel Surface Course	TONS	2	\$75.00	\$150
17.	Adjust Valve Box to Grade	EA	1	\$500.00	\$500
18.	Temporary Traffic Control Measures	LS	1	\$2,500.00	\$2,500
19.	Silt Fence, High Porosity	LF	50	\$8.00	\$400
20.	Hydro-Seeding, Fertilizer and Mulch	ACRE	0.20	\$8,000.00	\$1,600
Construction Subtotal				Base Bid	\$150,430
Contingency				10%	\$15,050
Total Opinion of Construction Cost					\$165,480
Gap #8 - PROFESSIONAL SERVICES					
1.	Design Services (Survey, Engineering, Construction)				\$19,858
2.	Support Services (Bond, Legal)				\$13,238
Total Opinion of Project Cost					\$198,576
Gap #8 - GENERAL OBLIGATION & ASSESSMENT BREAKDOWN					
1.	Assessed Cost				\$111,264
2.	General Obligation Cost				\$87,312

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE COST**2022 Gap Paving - 20th Street (32' Wide) Linden to Kingwood****Crete, NE****JEO Project No. 220169.00**

Date Prepared:

January 31, 2022

**ESTIMATE OF QUANTITIES**

Item #	Description	Unit	Quantity	Unit Price	Total
Gap #9 - 20th Street (32' Wide) Linden to Kingwood					
1.	Mobilization	LS	1	\$10,000.00	\$10,000
2.	Bonding and Insurance	LS	1	\$4,000.00	\$4,000
3.	Clearing and Grubbing	LS	1	\$5,000.00	\$5,000
4.	Remove Tree	EA	8	\$1,800.00	\$14,400
5.	Remove Pavement	SY	50	\$25.00	\$1,250
6.	Remove and Replace Existing Concrete Curb and Gutter	LF	20	\$65.00	\$1,300
7.	Reset Sign and Post	EA	1	\$250.00	\$250
8.	Remove and Reset Mailbox	EA	1	\$250.00	\$250
9.	Excavation, Established Quantity	CY	500	\$20.00	\$10,000
10.	7" Concrete Pavement	SY	1,050	\$75.00	\$78,750
11.	6" Concrete Pavement	SY	100	\$75.00	\$7,500
12.	4" Concrete Sidewalk	SF	2,400	\$8.00	\$19,200
13.	Detectable Warning Panels	SF	16	\$35.00	\$560
14.	Subgrade Preparation	SY	1,050	\$7.00	\$7,350
15.	Gravel Surface Course	TONS	2	\$75.00	\$150
16.	Concrete Header	EA	1	\$1,000.00	\$1,000
17.	Temporary Traffic Control Measures	LS	1	\$2,500.00	\$2,500
18.	Silt Fence, High Porosity	LF	50	\$8.00	\$400
19.	Hydro-Seeding, Fertilizer and Mulch	ACRE	0.20	\$8,000.00	\$1,600
Construction Subtotal Base Bid					\$165,460
Contingency 10%					\$16,550
Total Opinion of Construction Cost					\$182,010

Gap #9 - PROFESSIONAL SERVICES

1.	Design Services (Survey, Engineering, Construction)	\$21,841
2.	Support Services (Bond, Legal)	\$14,561
Total Opinion of Project Cost		\$218,412

Gap #9 - GENERAL OBLIGATION & ASSESSMENT BREAKDOWN

1.	Assessed Cost	\$111,264
2.	General Obligation Cost	\$107,148

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE COST

2022 Gap Paving - 21st Street (32' Wide) Norman to Oak & Oak Avenue (
Crete, NE

JEO Project No. 220169.00

Date Prepared:
 January 31, 2022

**ESTIMATE OF QUANTITIES**

Item #	Description	Unit	Quantity	Unit Price	Total
Gap #10 - 21st Street (32' Wide) Norman to Oak & Oak Avenue (32' Wide) 21st to 22nd					
1.	Mobilization	LS	1	\$24,000.00	\$24,000
2.	Bonding and Insurance	LS	1	\$8,000.00	\$8,000
3.	Clearing and Grubbing	LS	1	\$5,000.00	\$5,000
4.	Remove Tree	EA	10	\$1,800.00	\$18,000
5.	Remove Pavement	SY	75	\$25.00	\$1,875
6.	Remove and Replace Existing Concrete Curb and Gutter	LF	40	\$65.00	\$2,600
7.	Remove Concrete Sidewalk	SF	80	\$3.00	\$240
8.	Reset Sign and Post	EA	1	\$250.00	\$250
	Remove and Reset Mailbox	EA	2	\$250.00	\$500
10.	Excavation, Established Quantity	CY	1,000	\$20.00	\$20,000
11.	7" Concrete Pavement	SY	2,750	\$75.00	\$206,250
12.	6" Concrete Pavement	SY	200	\$75.00	\$15,000
13.	4" Concrete Sidewalk	SF	5,200	\$8.00	\$41,600
14.	Detectable Warning Panels	SF	64	\$35.00	\$2,240
15.	Subgrade Preparation	SY	2,750	\$7.00	\$19,250
16.	Gravel Surface Course	TONS	4	\$75.00	\$300
17.	Concrete Header	EA	1	\$1,000.00	\$1,000
18.	Adjust Valve Box to Grade	EA	1	\$500.00	\$500
19.	Temporary Traffic Control Measures	LS	1	\$2,500.00	\$2,500
20.	Silt Fence, High Porosity	LF	100	\$8.00	\$800
21.	Curb Inlet Sediment Filter	EA	1	\$300.00	\$300
22.	Hydro-Seeding, Fertilizer and Mulch	ACRE	0.40	\$8,000.00	\$3,200

Construction Subtotal Base Bid \$373,410

Contingency 20% \$74,690

Total Opinion of Construction Cost \$448,100

Gap #10 - PROFESSIONAL SERVICES

1.	Design Services (Survey, Engineering, Construction)	\$53,772
2.	Support Services (Bond, Legal)	\$35,848
Total Opinion of Project Cost		\$537,720

Gap #10 - GENERAL OBLIGATION & ASSESSMENT BREAKDOWN

1.	Assessed Cost	\$231,648
2.	General Obligation Cost	\$306,072