### **5th Avenue Improvements**

60% Design Estimate of Probable Costs Lafeyette Avenue to S. Center Street



Project: 858380 Date: 10/18/2024

By: RWS/ DJD

Lafayette Avenue Intersection Improvements Total: \$ 410,000

West of Washington ROW to Lafeyette Avenue Total: \$ 527,000

West of Washington ROW to Lafeyette Avenue - Utility Items Total: \$ 118,000

Washington Street Intersection Total: \$ 608,000

East of Washington ROW to S Center St. - Total: \$ 1,111,000

East of Washington ROW to S Center St. - Utilities Total: \$ 207,000

S Center Street Intersection Total: \$ 396,000

Total All Areas: \$ 3,377,000

### **5th Avenue Improvements**

60% Design Estimate of Probable Costs Lafayette Avenue Intersection



Project: 858380 Date: 11.05.24 By: RWS/DJD

				Engineer's Estimate	
Item	Item		Est.	Unit	
No.	Description	Unit	Qnty.	Price	Amount
1	Mobilization, Bonds & Insurance - Included in cost of units	-	-	-	-
2	Traffic Control	LSum	1	\$20,000	\$20,000
3	Electric Utility Cash Allowance	Dollar	1	\$10,000.00	\$10,000
4	Inlet Protection, Fabric Drop	Each	4	\$500	\$2,000
5	Remove Concrete Curb & Gutter	Lft	250	\$6.00	\$1,500
6	Remove Concrete Sidewalk	Sft	635	\$2.00	\$1,270
7	Remove Existing HMA	Syd	400	\$9.00	\$3,600
8	Miscellaneous removals	LSum	1	\$5,000	\$5,000
9	Site Preparation & Grading	LSum	1	\$25,000	\$25,000
10	8" Aggregate Base, 22A	Syd	1,800	\$15.00	\$27,000
11	Concrete Pavement Bands, 18 inch Wide	Ft	300	\$30.00	\$9,000
12	Concrete Sidewalk Ramp, ADA, 6 inch	Sft	500	\$9.00	\$4,500
13	Concrete Pavement, 8 inch w/ Integral Color, Tan	Sft	2,500	\$20.00	\$50,000
14	Concrete Pavement, 8 inch w/ Integral Color, White	Sft	260	\$14.00	\$3,640
15	Concrete Sidewalk, 6 inch w/ Integral Color, Tan	Sft	425	\$20.00	\$8,500
16	Concrete Sidewalk, 6 inch w/ Integral Color, White	Sft	220	\$14.00	\$3,080
17	HMA Hand Patch, 13A	Ton	100	\$200.00	\$20,000
18	Concrete Curb & Gutter (MDOT F4)	Lft	800	\$30.00	\$24,000
19	4' Dia Catch Basin w/Casting	Ea	4	\$4,000.00	\$16,000
20	Adjust Dr. Structure Casting	Ea	4	\$500.00	\$2,000
21	Connect to Existing Drainage Structure	Ea	2	\$600.00	\$1,200
22	Storm Sewer 12 inch Dia.	Lft	200	\$75.00	\$15,000
23	Detectable Warning Plates	Lft	50	\$100.00	\$5,000
24	LandscapeForms Ring Lights w/ pole	Ea	4	\$10,000	\$40,000
25	Electric convenience outlet	Ea	4	\$1,200	\$4,800
26	Site Electrical Distribution	LSum	1	\$20,000	\$20,000
27	Landscaping Allowance	LSum	1	\$20,000	\$20,000

342,000 Subtotal: \$

Contingency 20%: \$ 68,000

Lafayette Avenue Intersection Improvements Total: \$

410,000

<sup>\*\*</sup> The Design Professional has no control over costs or the price of labor, equipment or materials, or over the Contractor's method of pricing. Bid prices may vary significantly based on these factors and market

### **5th Avenue Improvements**

60% Design Estimate of Probable Costs West of Washington ROW to Lafeyette Avenue



Project: 858380

Date: 11.05.24

By: RWS/DJD

	DESIGN. BUILD. OPERATE.			Engineer's Estimate	
Item	Item		Est.	Unit	
No.	Description	Unit	Qnty.	Price	Amount
1	Mobilization, Bonds & Insurance - Included in cost of units	-	-	-	-
2	Traffic Control	LSum	1	\$10,000	\$10,000
3	Electric Utility Cash Allowance	Dollar	1	\$20,000.00	\$20,000
4	Inlet Protection, Fabric Drop	Each	2	\$500	\$1,000
5	Remove Concrete Curb & Gutter	Lft	130	\$6.00	\$780
5	Remove Concrete Sidewalk	Sft	4,000	\$2.00	\$8,000
6	Remove Brick Pavers	Sft	1,000	\$4.00	\$4,000
7	Remove Existing HMA	Syd	400	\$9.00	\$3,600
8	Tree Removal	LSum	1	\$5,000	\$5,000
9	Miscellaneous removals	LSum	1	\$5,000	\$5,000
10	Site Preparation & Grading	LSum	1	\$30,000	\$30,000
11	8" Aggregate Base, 22A	Syd	800	\$15.00	\$12,000
12	Concrete Pavement Bands, 18 inch Wide	Ft	300	\$30.00	\$9,000
13	Concrete Sidewalk Ramp, ADA, 6 inch	Sft	500	\$9.00	\$4,500
14	Concrete Sidewalk, 6 inch w/ Integral Color, Tan	Sft	2,800	\$20.00	\$56,000
15	Concrete Sidewalk, 6 inch w/ Integral Color, White	Sft	2,200	\$14.00	\$30,800
16	Grass Areas /Sod	Sft	700	\$4.00	\$2,800
17	6" Crushed Limestone - Under sod for drainage	Sft	700	\$3.00	\$2,100
18	Geotextile Fabric	Sft	700	\$4.00	\$2,800
19	HMA Hand Patch, 13A	Ton	20	\$200.00	\$4,000
20	Concrete Curb & Gutter (MDOT F4)	Lft	108	\$30.00	\$3,240
21	Concrete Planter Curb	Lft	150	\$40.00	\$6,000
22	Concrete Seat Wall	Lft	120	\$300.00	\$36,000
23	Catch Basin Casting	Ea	2	\$800.00	\$1,600
24	Adjust Dr. Structure Casting	Ea	2	\$500.00	\$1,000
25	Nyoplast Drainage Basin, 12" Diameter w/ Casting	Ea	3	\$1,000	\$3,000
26	Nyoplast Drainage Basin, 18" Diameter w/ Casting	Ea	2	\$1,200	\$2,400
27	Connect to Existing Drainage Structure	Ea	3	\$600.00	\$1,800
28	6 inch Dia. SDR 35 PVC Pipe Drain Pipe	Lft	250	\$30.00	\$7,500
29	6 inch Dia. Perforated Underdrain w/ Sock	Lft	200	\$10.00	\$2,000
30	Site Electrical Distribution	LSum	1	\$20,000	\$20,000
31	Landscapeforms Ring Light	Ea	5	\$10,000	\$50,000
32	Electric convenience outlet	Ea	5	\$1,200	\$6,000
33	Festoon Light Pole w/ Support Wire	LSum	1	\$30,000	\$30,000
34	Bollard	Ea	5	\$1,200	\$6,000
35	Irrigation	LSum	1	\$20,000	\$20,000
36	Perennial Landscaping	LSum	1	\$25,000	\$25,000
37	Shade Tree, 4" Cal.	Ea	4	\$900	\$3,600
38	Slope Restoration	Syd	200	\$5.00	\$1,000
39	Sign, Type IIIB	Sft	40	\$25	\$1,000
40	Sign Post	Ea	2	\$250	\$500

Subtotal: \$ 439,000

Contingency 20%: \$ 88,000

West of Washington ROW to Lafeyette Avenue Total: \$ 527,000

#### **Utility Items - Per Engineering Dept.**

	othicy items if er Engineering Depti				
Α	8" Watermain	Ft	320	\$260	\$83,200
В	Curb Stop Box	Ea	4	\$600	\$2,400
С	1 1/2" or 2" Corp Stop Valve	Ea	0	\$2,000	\$0
D	1 1/2" to 2" Water service	Ft	0	\$100	\$0
Е	Fire Hydrant Upgrade	Ea	0	\$12,000	\$0

\$85,600

Contingency 20%: \$ 17,000

Subtotal: \$ 102,600

Design & Construction Engineering: \$ 15,000

Utility Items Total: \$ 118,000

<sup>\*\*</sup> The Design Professional has no control over costs or the price of labor, equipment or materials, or over the Contractor's method of pricing. Bid prices may vary significantly based on these factors and market

### **5th Avenue Improvements**

60% Design Estimate of Probable Costs Washington Street Intersection



Project: 858380

Date: 11.05.24

By: RWS/DJD

	DESIGN. BUILD. OPERATE.		1	Engineer's	Estimate
Item	ltem		Est.	Unit	
No.	Description	Unit	Qnty.	Price	Amount
1	Mobilization, Bonds & Insurance - Inlcuded in cost of untis	-	-	-	-
2	Traffic Control	LSum	1	\$25,000	\$25,000
3	Electric Utility Cash Allowance	Dollar	1	\$10,000.00	\$10,000
4	Inlet Protection, Fabric Drop	Each	1	\$500	\$500
5	Silt Fence	Lft	0	\$2.00	\$0
6	Remove Concrete Curb & Gutter	Lft	500	\$6.00	\$3,000
7	Remove Concrete Sidewalk	Sft	2,500	\$2.00	\$5,000
8	Remove Existing Brick Pavers	Sft	3,300	\$4.00	\$13,200
9	Remove Existing HMA	Syd	1,500	\$5.00	\$7,500
10	Tree Removal	LSum	1	\$10,000	\$10,000
11	Miscellaneous removals	LSum	1	\$10,000	\$10,000
12	Site Preparation & Grading	LSum	1	\$25,000	\$25,000
13	8" Aggregate Base, 22A	Syd	1,800	\$15.00	\$27,000
14	Concrete Pavement Bands, 18 inch Wide	Ft	700	\$30.00	\$21,000
15	Concrete Sidewalk Ramp, ADA, 6 inch	Sft	1,000	\$9.00	\$9,000
16	Concrete Pavement, 8 inch w/ Integral Color, Tan	Sft	1,100	\$20.00	\$22,000
17	Concrete Pavement, 8 inch w/ Integral Color, White	Sft	2,100	\$14.00	\$29,400
18	Concrete Sidewalk, 6 inch w/ Integral Color, Tan	Sft	2,400	\$20.00	\$48,000
19	Concrete Sidewalk, 6 inch w/ Integral Color, White	Sft	1,500	\$14.00	\$21,000
20	HMA Hand Patch, 13A	Ton	100	\$175.00	\$17,500
21	Concrete Curb & Gutter (MDOT F4)	Lft	600	\$30.00	\$18,000
22	Concrete Planter Curb	Lft	275	\$40.00	\$11,000
23	Detectable Warning Plates	Lft	60	\$100.00	\$6,000
24	4' Dia Catch Basin w/Casting	Ea	4	\$4,000.00	\$16,000
25	Adjust Dr. Structure Casting	Ea	4	\$500.00	\$2,000
26	Connect to Existing Drainage Structure	Ea	4	\$600.00	\$2,400
27	Storm Sewer 12 inch Dia.	Lft	200	\$75.00	\$15,000
28	Site Electrical Distribution	LSum	1	\$15,000	\$15,000
29	Landscapeforms Ring Light	Ea	6	\$10,000	\$60,000
30	Electric convenience outlet	Ea	4	\$1,200	\$4,800
31	Bollard	Ea	10	\$1,200	\$12,000
32	Irrigation	LSum	1	\$10,000	\$10,000
33	Landscaping	LSum	1	\$25,000	\$25,000
34	Shade Tree, 4" Cal.	Ea	4	\$900	\$3,600
35	Sign, Type IIIB	Sft	60	\$25	\$1,500
36	Sign Post	Ea	4	\$250	\$1,000

Subtotal: \$ 507,000

Contingency 20%: \$ 101,000

Washington Street Intersection Total: \$ 608,000

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### **5th Avenue Improvements**

60% Design Estimate of Probable Costs East of Washington ROW to S Center St.



Project: 858380

Date: 11.05.24

By: RWS/DJD

	DESIGN. BUILD. OPERATE.			Engineer's	Estimate
Item	Item		Est.	Unit	
No.	Description	Unit	Qnty.	Price	Amount
1	Mobilization, Bonds & Insurance - Inlcuded in cost of untis	-	-	-	-
2	Traffic Control	LSum	1	\$10,000	\$10,000
3	Electric Utility Cash Allowance	Dollar	1	\$30,000.00	\$30,000
4	Inlet Protection, Fabric Drop	Each	4	\$500	\$2,000
5	Silt Fence	Lft	0	\$2.00	\$0
6	Remove Concrete Curb & Gutter	Lft	1,650	\$6.00	\$9,900
7	Remove Concrete Sidewalk	Sft	17,000	\$2.00	\$34,000
8	Remove Existing HMA	Syd	4,100	\$5.00	\$20,500
9	Tree Removal	LSum	1	\$10,000	\$10,000
10	Miscellaneous removals	LSum	1	\$10,000	\$10,000
11	Site Preparation & Grading	LSum	1	\$60,000	\$60,000
12	8" Aggregate Base, 22A	Syd	2,000	\$15.00	\$30,000
13	Boardwalk Surfacing	Sft	4,300	\$50.00	\$215,000
14	Concrete Pavement Bands, 18 inch Wide	Ft	700	\$30.00	\$21,000
15	Concrete Sidewalk Ramp, ADA, 6 inch	Sft	1,000	\$9.00	\$9,000
16	Concrete Pavement, 8 inch w/ Integral Color, Tan	Sft	3,750	\$12.00	\$45,000
17	Concrete Pavement, 8 inch w/ Integral Color, White	Sft	3,200	\$10.00	\$32,000
18	Grass Areas/Sod	Sft	5,200	\$4.00	\$20,800
19	6" Crushed Limestone - Under Lawn Areas for drainage	Sft	5,200	\$3.00	\$15,600
20	Geotextile Fabric	Sft	5,200	\$4.00	\$20,800
21	Detectable Warning Plates	Lft	50	\$75.00	\$3,750
22	4' dia. Catch Basin w/Casting	Ea	2	\$4,000.00	\$8,000
23	Adjust Dr. Structure Casting	Ea	4	\$500.00	\$2,000
24	Nyoplast Drainage Basin, 12" Diameter w/ Casting	Ea	2	\$1,000	\$2,000
25	Nyoplast Drainage Basin, 18" Diameter w/ Casting	Ea	2	\$1,200	\$2,400
26	Connect to Existing Drainage Structure	Ea	2	\$600.00	\$1,200
27	Storm Sewer, 12 inch Dia.	Lft	300	\$75.00	\$22,500
28	6 inch Dia. Perforated Underdrain w/ Sock	Lft	500	\$20.00	\$10,000
29	Site Electrical Distribution	LSum	1	\$40,000	\$40,000
30	LandscapeForms Ring Light w/ Pole	Ea	12	\$10,000	\$120,000
31	Electric convenience outlet	Ea	12	\$1,200	\$14,400
32	Festoon Light Allowance	LSum	1	\$40,000	\$40,000
33	Bicycle Loops	Ea	9	\$1,200	\$10,800
34	Bollard	Ea	10	\$1,200	\$12,000
	Irrigation	LSum	1	\$20,000	\$20,000
	Landscaping	LSum	1	\$10,000	\$10,000
	Shade Tree, 4" Cal.	Ea	5	\$1,200	\$6,000
	Slope Restoration	Syd	600	\$5.00	\$3,000
39	Sign, Type IIIB	Sft	60	\$25	\$1,500
	Sign Post	Ea	4	\$250	\$1,000

Subtotal **\$ 926,000** 

Contingency 20%: \$ 185,000 East of Washington ROW to S Center St. - Total \$ 1,111,000

#### **Utility Items - Per Engineering Dept.**

	Curry receive it or Engineering Depti				
Α	8" Watermain	Ft	350	\$260	\$91,000
В	Curb Stop Box	Ea	2	\$600	\$1,200
С	1 1/2" or 2" Corp Stop Valve	Ea	2	\$2,000	\$4,000
D	1 1/2" to 2" Water service	Ft	100	\$100	\$10,000
E	Fire Hydrant Upgrade	Ea	2	\$12,000	\$24,000

\$130,200

Contingency 20%: \$ 26,000

Subtotal: \$ 180,200

Design & Construction Engineering: \$ 27,000

East of Washington ROW to S Center St. - Utilities Total: \$ 207,000 in Professional has no control over costs or the price of labor, equipment or materials, or over

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### **5th Avenue Improvements**

60% Design Estimate of Probable Costs S Center Street Intersection



Project: 858380

Date: 11.05.24

By: RWS/DJD

				Engineer's Estimate	
Item	Item		Est.	Unit	
No.	Description	Unit	Qnty.	Price	Amount
1	Mobilization, Bonds & Insurance - Inlcuded in cost of untis	-	1	-	-
2	Traffic Control	LSum	1	\$20,000	\$20,000
3	Electric Utility Cash Allowance	Dollar	1	\$10,000.00	\$10,000
4	Inlet Protection, Fabric Drop	Each	4	\$500	\$2,000
5	Remove Concrete Curb & Gutter	Lft	250	\$6.00	\$1,500
6	Remove Concrete Sidewalk	Sft	1,200	\$2.00	\$2,400
7	Remove Existing HMA	Syd	400	\$5.00	\$2,000
8	Miscellaneous removals	LSum	1	\$10,000	\$10,000
9	Site Preparation & Grading	LSum	1	\$25,000	\$25,000
10	8" Aggregate Base, 22A	Syd	1,800	\$15.00	\$27,000
11	Concrete Pavement Bands, 18 inch Wide	Ft	700	\$30.00	\$21,000
12	Concrete Sidewalk Ramp, ADA, 6 inch	Sft	1,000	\$9.00	\$9,000
13	Concrete Pavement, 8 inch w/ Integral Color, Tan	Sft	500	\$20.00	\$10,000
14	Concrete Pavement, 8 inch w/ Integral Color, White	Sft	1,400	\$14.00	\$19,600
15	HMA Hand Patch, 13A	Ton	100	\$200.00	\$20,000
16	Concrete Curb & Gutter (MDOT F4)	Lft	1,700	\$30.00	\$51,000
17	Storm Sewer, 12 inch Dia.	Lft	150	\$75.00	\$11,250
18	Detectable Warning Plates	Lft	50	\$100.00	\$5,000
19	4' Dia. Catch Basin W/Casting	Ea	4	\$4,000.00	\$16,000
20	Adjust Dr. Structure Casting	Ea	4	\$500.00	\$2,000
21	Connect to Existing Drainage Structure	Ea	2	\$600.00	\$1,200
22	Site Electrical Distribution	LSum	1	\$15,000	\$15,000
23	Landscapeforms Ring Light	Ea	3	\$10,000	\$30,000
24	Electric convenience outlet	Ea	3	\$1,200	\$3,600
25	Irrigation	LSum	1	\$5,000	\$5,000
26	Landscaping	LSum	1	\$5,000	\$5,000
27	Shade Tree, 2 1/2" Cal.	Ea	4	\$500	\$2,000
28	Slope Restoration	Syd	100	\$9.00	\$900
	Sign, Type IIIB	Sft	60	\$25	\$1,500
30	Sign Post	Ea	4	\$250	\$1,000

Subtotal: \$ 330,000

Contingency 20%: \$ 66,000

S Center Street Intersection Total: \$ 396,000

<sup>\*\*</sup> The Design Professional has no control over costs or the price of labor, equipment or materials, or over the Contractor's method of pricing. Bid prices may vary significantly based on these factors and market