

# CIP Cost Estimates

## Estimates of Probable Cost

Based on the recommendations for Capital Improvement Projects within Downtown, the following estimates have been generated to provide a high level understanding of costs needed for development.

### 4TH STREET PEDESTRIAN PLAZA

ITEM	UNIT	UNIT COST	QTY	COST
Site Prep & Demo	SY	\$25.00	10,000	\$250,000.00
Stamped Concrete Pavement	SY	\$150.00	3,128	\$469,200.00
Concrete Curb & Gutter	LF	\$3.00	1,400	\$4,200.00
ADA Ramps	EA	\$2,500.00	8	\$16,000.00
Crosswalk Striping	LF	\$15.00	96	\$1,440.00
Pavement Markings	LF	\$2.00	700	\$1,400.00
Concrete Sidewalk	SY	\$50.00	1,600	\$80,000.00
Brick/Decorative Pavers	SY	\$70.00	7,000	\$490,000.00
Sodding	SY	\$4.00	2,000	\$8,000.00
Streetscape & Lighting	LS	\$300,000.00	1	\$200,000.00
Landscaping	LS	\$300,000.00	1	\$200,000.00
Curb Inlets	EA	\$3,000.00	2	\$6,000.00
Storm Drainage	LS	\$50,000.00	1	\$50,000.00
Utility Allowance	LS	\$300,000.00	1	\$300,000.00
<b>Construction Cost</b>				<b>\$1,980,240.00</b>
<b>Design Cost (10%)</b>				<b>\$198,024.00</b>
<b>Contingency (30%)</b>				<b>\$594,072.00</b>
<b>Total Estimated Cost</b>				<b>\$2,772,336.00</b>

### ELM STREET OPTION A

ITEM	UNIT	UNIT COST	QTY	COST
Site Prep & Demo	SY	\$25.00	23,566	\$589,146.89
Concrete Pavement	SY	\$80.00	13,777	\$1,102,157.87
Concrete Curb & Gutter	LF	\$3.00	6,526	\$19,578.00
ADA Ramps	EA	\$2,500.00	32	\$80,000.00
Crosswalk Striping	LF	\$10.00	528	\$5,280.00
Pavement Markings	LF	\$2.00	9,789	\$19,578.00
Concrete Sidewalk/ Bike Path	SY	\$50.00	9.426	\$471,317.51
Streetscape	LS	\$100,000.00	1	\$100,000.00
Landscaping	LS	\$75,000.00	1	\$75,000.00
Curb Inlets	EA	\$3,000.00	16	\$48,000.00
Storm Drainage	LF	\$75.00	3,263	\$244,725.00
Utility Allowance	LS	\$100,000.00	1	\$100,000.00
<b>Construction Cost</b>				<b>\$2,754,783.26</b>
<b>Design Cost (10%)</b>				<b>\$275,478.33</b>
<b>Contingency (30%)</b>				<b>\$826,434.98</b>
<b>Total Estimated Cost</b>				<b>\$3,856,696.57</b>



## PARKING GARAGE

ITEM	UNIT	UNIT COST	QTY	COST
Parking Space	EA	\$25,000.00	369	\$9,225,000.00
Construction Cost				\$9,225,000.00
Design Cost (10%)				\$922,500.00
Contingency (30%)				\$2,767,500.00
<b>Total Estimated Cost</b>				<b>\$12,915,000.00</b>

Note: The typical cost of parking garages can be estimated by establishing a cost per space of the proposed facility. However, the range of costs can vary greatly depending on cost of materials, construction method, architectural design, and site challenges. In general, parking structures can cost between \$18,000 per space to \$50,000 per space.

For the proposed site of the 4th Street garage in Downtown Frisco, the team estimates the cost to be \$25,000 per space in 2018 dollars. With a total of 379 parking spaces in the proposed garage for this site, it is estimated to cost approximately \$9.2 Million.

## MAIN STREET OPTION B

ITEM	UNIT	UNIT COST	QTY	COST
Site Prep & Demo	SY	\$25.00	27,111	\$677,777.10
Concrete Pavement	SY	\$80.00	17,622	\$1,409,763.68
Concrete Curb & Gutter	LF	\$3.00	6,100	\$18,300.00
Roundabout (including ROW Acquisition)	LS	\$600,000.00	1	\$600,000.00
ADA Ramps	EA	\$2,000.00	36	\$72,000.00
Crosswalk Striping	LF	\$10.00	972	\$9,720.00
Pavement Markings	LF	\$2.00	9,150	\$18,300.00
Concrete Sidewalk	SY	\$50.00	9,489	\$474,439.70
Streetscape	LS	\$150,000.00	1	\$150,000.00
Landscaping	LS	\$100,000.00	1	\$100,000.00
Curb Inlets	EA	\$3,000.00	18	\$54,000.00
Storm Drainage	LF	\$75.00	3,050	\$228,750.00
Traffic Signal Modifications	LS	\$400,000.00	1	\$400,000.00
Utility Allowance	LS	\$100,000.00	1	\$100,000.00
Construction Cost				\$4,281,050.48
Design Cost (10%)				\$428,105.05
Contingency (30%)				\$1,284,315.14
<b>Total Estimated Cost</b>				<b>\$5,993,470.67</b>

### 12" WATER LINE LOOP CONNECTIONS

ITEM	UNIT	UNIT COST	QTY	COST
12" WL, 5th Street - Half Main to Oak Street	LF	\$250.00	560	\$140,000.00
12" WL, Half Main to Maple Street	LF	\$250.00	1,230	\$307,500.00
12" WL, Ash Street - 1st to 5th/Parkwood	LF	\$250.00	1,450	\$362,500.00
12" WL, Parkwood - Hickory to Ash Street	LF	\$250.00	350	\$87,500.00
12" WL, Ash to Pecan	LF	\$250.00	350	\$87,500.00
12" WL, Elm to Main	LF	\$250.00	350	\$87,500.00
12" WL, 4th Street - Pecan to Walnut	LF	\$250.00	1,400	\$350,000.00
<b>Construction Cost</b>				<b>\$1,422,500.00</b>
<b>Design Cost (10%)</b>				<b>\$142,250.00</b>
<b>Contingency (30%)</b>				<b>\$426,750.00</b>
<b>Total Estimated Cost</b>				<b>\$1,991,500.00</b>

### 1ST STREET REROUTE / 2ND STREET

ITEM	UNIT	UNIT COST	QTY	COST
Site Prep & Demo	SY	\$25.00	13,332	\$333,300.00
Concrete Pavement	SY	\$70.00	8,889	\$622,216.00
Concrete Curb & Gutter	LF	\$3.00	4,000	\$12,000.00
ADA Ramps	EA	\$2,000.00	4	\$8,000.00
Crosswalk Striping	LF	\$10.00	72	\$720.00
Pavement Markings	LF	\$2.00	4,000	\$8,000.00
Concrete Sidewalk	SY	\$50.00	4,444	\$222,220.00
Streetscape	LS	\$50,000.00	1	\$50,000.00
Landscaping	LS	\$30,000.00	1	\$30,000.00
Curb Inlets	EA	\$3,000.00	2	\$6,000.00
Storm Drainage	LF	\$75.00	1,238	\$92,850.00
Utility Allowance	LS	\$25,000.00	1	\$25,000.00
<b>Construction Cost</b>				<b>\$1,385,306.00</b>
<b>Design Cost (10%)</b>				<b>\$138,530.60</b>
<b>Contingency (30%)</b>				<b>\$415,591.80</b>
<b>Total Estimated Cost</b>				<b>\$1,939,428.40</b>



## LOCAL STREET IMPROVEMENTS

ITEM	UNIT	UNIT COST	QTY	COST
Site Prep & Demo	SY	\$25.00	115,962	\$2,899,052.66
Concrete Pavement	SY	\$70.00	72,899	\$5,102,948.97
Concrete Curb & Gutter	LF	\$3.00	34,790	\$104,370.00
ADA Ramps	EA	\$2,000.00	124	\$248,000.00
Crosswalk Striping	LF	\$10.00	13,608	\$136,080.00
Pavement Markings	LF	\$2.00	34,790	\$69,580.00
Concrete Sidewalk	SY	\$50.00	43,062	\$2,153,089.00
<b>Construction Cost</b>				<b>\$10,713,121.21</b>
<b>Design Cost (10%)</b>				<b>\$1,071,312.12</b>
<b>Contingency (30%)</b>				<b>\$3,213,936.36</b>
<b>Total Estimated Cost</b>				<b>\$14,998,369.69</b>

- Walnut Street from 2nd to N County Road
- Oak Street from 2nd to N County Road
- Pecan - 1st to County Road
- Ash Street - 1st to County Road
- 1st Street to Main Street
- Maple - 2nd Street to County Road
- 2nd Street - Ash to Main Street
- 3rd Street to Maple Street
- 4th Street - Ash to Elm Street
- 5th Street - Main to Maple Street
- 6th Street from Hickory to Maple Street
- 7th Street from Hickory to Oak Street