

**ORDINANCE NO. 23657-05-2019**

**AN ORDINANCE ESTABLISHING NEW UNIT PRICES AND METHODS FOR DETERMINING CITY PARTICIPATION IN COMMUNITY FACILITIES AGREEMENTS; PROVIDING FOR THE METHOD FOR DETERMINING CONSTRUCTION COST ESTIMATES FOR FUTURE IMPROVEMENTS AGREEMENTS; PROVIDING THAT THIS ORDINANCE IS CUMULATIVE; PROVIDING FOR A SEVERABILITY CLAUSE; AND PROVIDING FOR AN EFFECTIVE DATE**

**WHEREAS**, the City of Fort Worth participates in the cost of public improvements constructed by developers in the City of Fort Worth and its extraterritorial jurisdiction pursuant to Community Facilities Agreements; and

**WHEREAS**, Chapter 212, Subchapter C of the Texas Local Government Code provides that when the City enters into a contract with a developer that is exempt from the competitive sealed bidding procedures in order to participate in the cost of public improvements, the City must establish by ordinance the City's share of the costs under the contract; and

**WHEREAS**, on March 20, 2001, the City Council adopted Ordinance Number 14552, establishing unit prices for the City's participation in certain Community Facilities Agreements; and

**WHEREAS**, on February 5, 2008, the City Council adopted Ordinance Number 17967-02-2008 to update the unit prices; and

**WHEREAS**, on June 22, 2010, the City Council adopted Ordinance Number 19192-06-2010 to update the unit prices; and

**WHEREAS**, on July 16, 2013, the City Council adopted Ordinance Number 20798-07-2013 to renew the unit prices and to establish alternative methods for establishing unit prices in certain circumstances; and

**WHEREAS**, on April 22, 2014, the City Council adopted Ordinance Number 21210-04-2014 to update the unit prices; and

**WHEREAS**, the City Council finds it necessary to adopt an ordinance establishing new unit prices and methods for calculating City participation in Community Facilities Agreements; and

**WHEREAS**, the City Council find it necessary to adopt an ordinance establishing a method for determining construction cost estimates for Future Improvements Agreements;

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF FORT WORTH, TEXAS, THAT:**

**SECTION 1.**  
**UNIT PRICES AND ALTERNATIVE UNIT PRICE METHODS**

- (a) Unit Prices. The unit prices contained in Attachment “A” to this Ordinance shall be used in calculating City Participation in Community Facilities Agreements in accordance with this Ordinance and the Community Facilities Agreements Ordinance.
- (b) Alternative Unit Price Methods. The City may use one of the alternative unit price methods contained in Attachment “B” to determine unit prices if:
  - (1) A unit price for an item is not contained in Attachment “A” of this Ordinance; or
  - (2) the requested unit price to be paid by the City for an item is greater than fifteen percent (15%) higher than the unit price contained in Attachment “A” of this Ordinance.
- (c) The unit prices determined in accordance with subsections (a) or (b), as applicable, may be used by the City to evaluate an engineer’s estimate of probable costs for a Community Facilities Agreement or a Future Improvements Agreement as set forth in the Community Facilities Agreements Ordinance.

**SECTION 2.**  
**CALCULATING CONSTRUCTION COSTS FOR CITY PARTICIPATION**

The method for calculating construction costs for City Participation in Community Facilities Agreements shall be as follows:

- (a) If City Participation is in accordance with the exception to the public bidding requirement in Chapter 212, Subchapter C of the Texas Local Government Code, the City will use the unit prices determined in accordance with Section 1 of this Ordinance. If a contractor’s bid for an item is less than the unit prices determined in accordance with Section 1 of this Ordinance, the City will use the amount of the contractor’s bid for the item.
- (b) If the construction contract for a CFA is publicly bid pursuant to state law, the construction cost will be calculated by using the bid from the winning bidder on the items that have City Participation.
- (c) If the City Participation is for oversizing that is publicly bid pursuant to state law, the construction cost will be calculated by using the difference between prices submitted by the winning bidder for the size the Developer is required to construct and:
  - (1) the alternative bid prices submitted by the winning bidder for the oversized public infrastructure; or
  - (2) the unit prices calculated in accordance with Section 1 of this Ordinance.

**SECTION 3.  
CALCULATING CITY PARTICIPATION FOR ROADWAY  
AND STORMWATER INFRASTRUCTURE**

City Participation in Community Facilities Agreements for roads, street signs, streetlights, roadway appurtenances, and stormwater infrastructure shall be the difference between the cost of the improvements constructed and the cost of the improvements required for the development. Cost shall be the construction cost calculated in accordance with Section 2 of this Ordinance.

**SECTION 4.  
CALCULATING CITY PARTICIPATION FOR WATER, WASTEWATER, AND  
RECLAIMED WATER INFRASTRUCTURE**

The formulas for calculating City Participation in water, wastewater, and reclaimed water infrastructure shall be as follows:

(a) Main Oversizing: 8-16" Water, 8-18" Wastewater, and 6-16" Reclaimed Water Mains. City Participation to oversize water, wastewater and reclaimed water mains, when the capacity provided is greater than required in the *Water and Sewer Study Guidelines*, shall be calculated in accordance with this subsection.

- (1) This subsection shall apply to the following mains:
  - i. water mains greater than or equal to 8 inches, but less than or equal to 16 inches;
  - ii. wastewater main greater than or equal to 8 inches, but less than or equal to 18 inches; and
  - iii. reclaimed water mains greater than or equal to 6 inches, but less than or equal to 16 inches.
- (2) City Participation shall be the difference between the cost of the main size provided and the cost of the main size required for the development as depicted in Table 4.1.

**Table 4.1**

<p>City Cost Participation =</p> <p>Cost of Main Size Provided - Cost of Main Size Required</p>
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- i. Cost shall equal the total cost of main, which will include construction cost, design cost, easements, and permitting. Design cost may be excluded if the design did not require additional plan sheet or additional profile for the increase in pipe sizes. Easement cost may be excluded if the easement widths are the same for the main

size required and main size provided. Permitting cost may be excluded if the permitting of the main size provided and main size required are the same.

- ii. Construction cost will be determined in accordance with Section 2 of this Ordinance.

(b) Main Oversizing: Greater Than 16” Water, 18” Wastewater, and 16” Reclaimed Water Mains; and all Force Mains. City Participation to oversize water, wastewater and reclaimed water mains, when the capacity provided is greater than required in the *Water and Sewer Study Guidelines*, shall be calculated in accordance with this subsection.

(1) This subsection shall apply to the following mains:

- i. water mains greater than 16 inches;
- ii. wastewater main greater than 18 inches;
- iii. reclaimed water mains greater than 16 inches; and
- iv. all force mains, regardless of size.

(2) City participation shall be calculated by first determining the difference between the capacity provided and the capacity of the main sized required by the development. The difference will then be divided by the capacity provided, and the quotient will be multiplied by the cost of the main to be constructed. Table 4.2 depicts the formula.

**Table 4.2**

$\text{City Cost Participation} = \frac{\text{Capacity Provided} - \text{Capacity Required}}{\text{Capacity Provided}} (\text{Cost})$
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- i. Cost shall equal the total cost of the main, which includes construction cost, design cost, easements and permitting.
- ii. Construction cost will be determined in accordance with Section 2 of this Ordinance.
- iii. *Capacity Provided (Water/Reclaimed Water)* – Water and reclaimed water main capacity shall be defined as the pipe capacity calculated with a velocity in accordance with Section 5.4 (for sizing water mains) or Section 7.2 (for sizing

reclaimed water mains) of the Water Department's *Installation Policy and Design Criteria for Water, Wastewater, and Reclaimed Water Infrastructure*.

- iv. *Capacity Provided (Wastewater/Force Main)* – Wastewater main capacity shall be defined as the pipe flowing full at the proposed slope for the specific wastewater main calculated according to Section 6.3 (for sizing wastewater mains) of the Water Department's *Installation Policy and Design Criteria for Water, Wastewater, and Reclaimed Water Infrastructure*. Force Main capacity shall be calculated according to Section 6.17 (for sizing force mains) of the Water Department's *Installation Policy and Design Criteria for Water, Wastewater, and Reclaimed Water Infrastructure*.
- v. *Capacity Required* – Required capacity of the water, wastewater, reclaimed water, or force main to serve the development as approved in accordance with the *Water and Sewer Study Guidelines*.
- vi. *Unit Consistency* – Cost participation calculations require the use of consistent units, such as gallons per minute (gpm) or millions of gallons per day (MGD), to obtain an appropriate allocation percentage.

(c) City Facility Oversizing: Pump Stations, Lift Stations, and Storage Tanks. City Participation to oversize pump stations, lifts stations, and storage tanks when the facility provided exceeds the capacity to serve the development in accordance with the *Water and Sewer Study Guidelines*, shall be calculated in accordance with this subsection.

(1) City participation shall be calculated by first determining the difference between the capacity provided and the capacity of the facility required by the development. The difference will then be divided by the capacity provided, and the quotient will be multiplied by the cost of the facility to be constructed. Table 4.3 depicts the formula:

**Table 4.3**

$\text{City Cost Participation} = \frac{\text{Capacity Provided} - \text{Capacity Required}}{\text{Capacity Provided}} (\text{Cost})$
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- i. Cost shall equal the total cost of the facility, which includes construction cost, design cost, easements, permitting, and fees and charges assessed by the Water Department.
- ii. Construction cost will be determined in accordance with Section 2 of this Ordinance.

- iii. *Capacity Provided (Pump Stations and Lift Stations)* – The capacity provided by pump stations and lift stations shall be the capacity when the largest pump in the facility is out of service.
- iv. *Capacity Provided (Storage Tanks)* – The capacity provided by storage tanks shall be the gallons of storage provided by the elevated or ground storage tank.
- v. *Capacity Required* - The capacity required of the pump station, lift station, or storage tank shall be the capacity required to serve the development when the largest pump in the facility is out of service, as approved in accordance with the *Water and Sewer Study Guidelines*.

(d) Risk Based Assessment (No Capacity Increase). City Participation to replace a water, wastewater, or reclaimed water main extension identified for replacement by the City’s risk assessment programs when additional capacity is not required to serve the development as determined in accordance with the *Water and Sewer Study Guidelines* shall be calculated in accordance with this subsection.

- (1) City Participation shall pay for one hundred percent of the cost of the main being replaced as determined in accordance with Section 2 of this Ordinance.

Cost shall equal the total cost of the main, which includes construction cost, design cost, easements and permitting.

If the Developer requests oversizing an existing tap or requests an additional tap, then the Developer shall be responsible for the increase in tap size, or additional tap cost.

- (2) If funding is not available, the City may choose to defer replacement of the main.

#### **SECTION 5.**

This ordinance shall be cumulative of all provisions of ordinances and of the Code of the City of Fort Worth, Texas, (2015), as amended, except where the provisions of this ordinance are in direct conflict with the provisions of such ordinances and such Code, in which event conflicting provisions of such ordinances and such Code are hereby repealed.

#### **SECTION 6.**


It is hereby declared to be the intention of the City Council that the phrases, clauses, sentences, paragraphs and sections of this ordinance are severable, and, if any phrase, clause, sentence, paragraph or section of this ordinance shall be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs and sections of this ordinance, since the same would have been enacted by the City Council without the incorporation in this ordinance

of any such unconstitutional phrase, clause, sentence, paragraph or section.

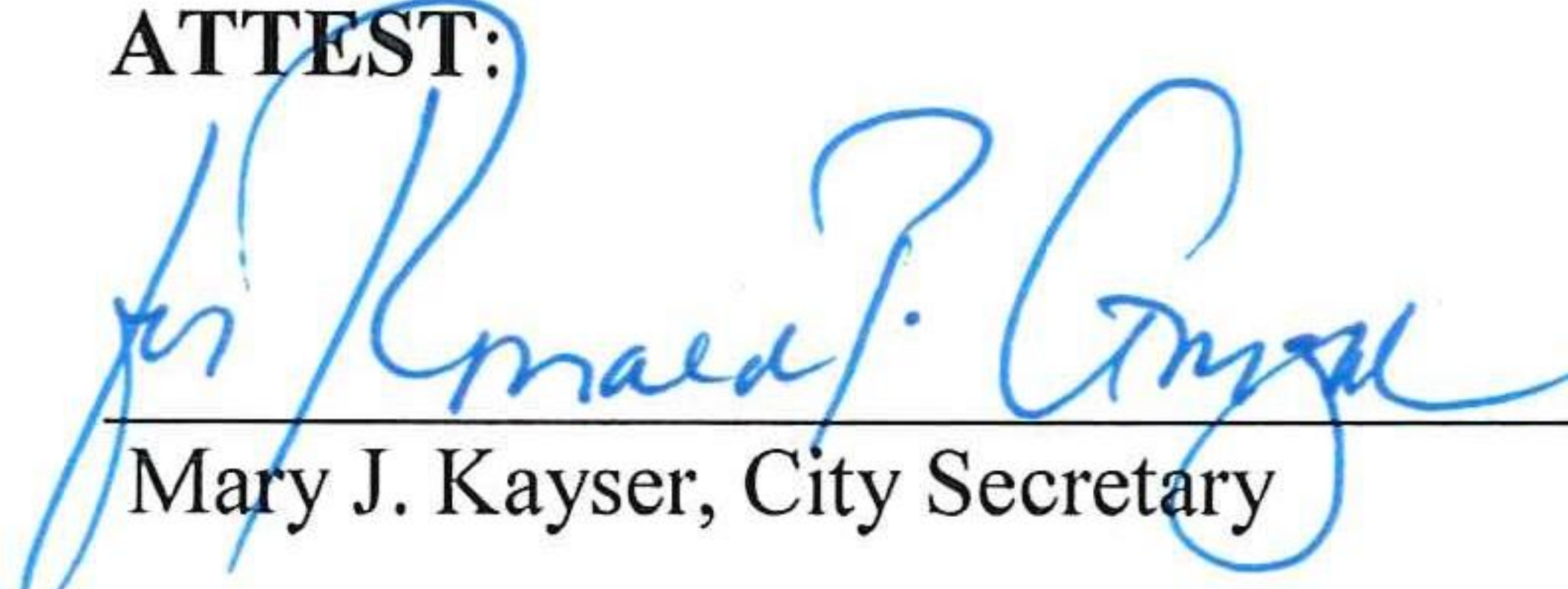
**SECTION 7.**

This ordinance shall take effect on June 1, 2019, and it is so ordained.

**APPROVED AS TO FORM AND LEGALITY:**

  
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Richard A. McCracken  
Assistant City Attorney

**ATTEST:**

  
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Mary J. Kayser, City Secretary

ADOPTED: May 7, 2019

EFFECTIVE: June 1, 2019

EXHIBIT A  
City of Fort Worth's Unit Price Index Report\*  
Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
0135.0101 Railroad Coordination LS	Developer	1	\$7,500.00	\$7,500.00
0135.0102 Railroad Flagmen WD	Combined	345	\$435,000.00	\$1,260.87
0170.0100 Mobilization LS	Combined	31	\$1,877,893.44	\$60,577.21
0170.0101 Specified Remobilization EA	Developer	1	\$1,000.00	\$1,000.00
0171.0101 Construction Staking LS	Combined	538	\$906,515.26	\$1,684.97
0171.0102 As-Built Survey LS	CIP	36	\$164,702.46	\$4,575.07
0241.0100 Remove Sidewalk SF	Combined	377738	\$1,072,722.38	\$2.84
0241.0200 Remove Step SF	CIP	1248	\$8,179.30	\$6.55
0241.0300 Remove ADA Ramp EA	Combined	694	\$398,752.18	\$574.57
0241.0401 Remove Concrete Drive SF	Combined	1087510	\$2,889,507.67	\$2.66
0241.0402 Remove Asphalt Drive SF	Combined	43185	\$99,460.20	\$2.30
0241.0500 Remove Fence LF	Combined	16000	\$109,278.91	\$6.83
0241.0550 Remove Guardrail LF	Combined	2937	\$35,404.36	\$12.05
0241.0600 Remove Wall <4' LF	CIP	1220	\$18,452.50	\$15.13
0241.0701 Remove Multiple User Mailbox EA	Developer	2	\$3,000.00	\$1,500.00
0241.0800 Remove Rip Rap SF	Combined	34208	\$70,377.69	\$2.06
0241.0900 Remove Misc Conc Structure LS	Combined	19	\$442,386.50	\$23,283.50

\*The Unit Price for each Bid Item in the Index Report shall be the Weighted Average of the Bid Item.



# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
0241.1000 Remove Conc Pvmt SY	Combined	65515	\$1,037,980.37	\$15.84
0241.1001 Water Line Grouting CY	Combined	1568.4	\$299,118.40	\$190.72
0241.1011 Remove 4" Water Line LF	Developer	195	\$0.00	\$0.00
0241.1012 Remove 6" Water Line LF	Developer	1479	\$8,912.80	\$6.03
0241.1013 Remove 8" Water Line LF	Developer	843.5	\$7,436.60	\$8.82
0241.1015 Remove 12" Water Line LF	Developer	514	\$6,488.50	\$12.62
0241.1016 Remove 16" Water Line LF	Developer	20	\$1,000.00	\$50.00
0241.1100 Remove Asphalt Pvmt SY	Combined	89199	\$618,488.81	\$6.93
0241.1106 16" Pressure Plug EA	Developer	1	\$1,000.00	\$1,000.00
0241.1118 4"-12" Pressure Plug EA	Combined	99	\$114,172.31	\$1,153.26
0241.1200 Remove Brick Pvmt SY	Combined	2166	\$56,349.49	\$26.02
0241.1210 30" Water Abandonment Plug EA	CIP	16	\$20,600.00	\$1,287.50
0241.1218 4"-12" Water Abandonment Plug EA	Combined	495	\$192,422.38	\$388.73
0241.1300 Remove Conc Curb&Gutter LF	Combined	591289.6	\$3,783,063.44	\$6.40
0241.1301 Remove 4" Water Valve EA	CIP	4	\$935.00	\$233.75
0241.1302 Remove 6" Water Valve EA	Combined	404	\$103,123.10	\$255.26
0241.1303 Remove 8" Water Valve EA	Combined	153	\$35,073.60	\$229.24

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
0241.1304 Remove 10" Water Valve EA	CIP	12	\$3,773.00	\$314.42
0241.1305 Remove 12" Water Valve EA	CIP	87	\$37,442.35	\$430.37
0241.1351 Salvage 16" Water Valve EA	CIP	5	\$3,568.50	\$713.70
0241.1353 Salvage 20" Water Valve EA	CIP	10	\$8,137.00	\$813.70
0241.1400 Remove Conc Valley Gutter SY	Combined	9531	\$211,114.24	\$22.15
0241.1501 1" Wedge Milling SY	CIP	36654	\$119,998.50	\$3.27
0241.1505 1" Surface Milling SY	CIP	15000	\$45,000.00	\$3.00
0241.1506 2" Surface Milling SY	Combined	270444	\$622,734.44	\$2.30
0241.1510 Salvage Fire Hydrant EA	Combined	345	\$171,687.40	\$497.64
0241.1511 Salvage 3/4" Water Meter EA	Combined	438	\$50,490.00	\$115.27
0241.1512 Salvage 1" Water Meter EA	Combined	286	\$34,390.00	\$120.24
0241.1513 Salvage 1 1/2" Water Meter EA	CIP	70	\$12,792.50	\$182.75
0241.1514 Salvage 2" Water Meter EA	Combined	30	\$19,581.00	\$652.70
0241.1517 Salvage 6" Water Meter EA	Developer	1	\$1,000.00	\$1,000.00
0241.1600 Butt Milling LF	CIP	3198	\$49,601.27	\$15.51
0241.1601 Salvage Water Sampling Station EA	Developer	1	\$1,500.00	\$1,500.00
0241.1602 Remove Concrete Water Vault EA	Combined	21	\$28,738.00	\$1,368.48

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
0241.1700 Pavement Pulverization SY	CIP	970671	\$7,162,982.50	\$7.38
0241.1800 Remove Speed Cushion EA	CIP	55	\$31,548.50	\$573.61
0241.2001 Sanitary Line Grouting CY	CIP	868	\$208,735.92	\$240.48
0241.2011 Remove 4" Sewer Line LF	Developer	616	\$6,160.00	\$10.00
0241.2012 Remove 6" Sewer Line LF	Developer	660	\$13,200.00	\$20.00
0241.2013 Remove 8" Sewer Line LF	Developer	3939	\$46,440.50	\$11.79
0241.2014 Remove 10" Sewer Line LF	Developer	1911	\$24,135.00	\$12.63
0241.2016 Remove 15" Sewer Line LF	Developer	216	\$2,160.00	\$10.00
0241.2018 Remove 18" Sewer Line LF	Developer	440	\$17,600.00	\$40.00
0241.2101 4" Sewer Abandonment Plug EA	Developer	3	\$13,500.00	\$4,500.00
0241.2102 6" Sewer Abandonment Plug EA	Combined	173	\$110,653.90	\$639.62
0241.2103 8" Sewer Abandonment Plug EA	Combined	29	\$16,350.00	\$563.79
0241.2105 12" Sewer Abandonment Plug EA	Developer	1	\$1,000.00	\$1,000.00
0241.2107 16" Sewer Abandonment Plug EA	CIP	4	\$6,000.00	\$1,500.00
0241.2108 18" Sewer Abandonment Plug EA	CIP	4	\$8,000.00	\$2,000.00
0241.2109 20" Sewer Abandonment Plug EA	CIP	4	\$9,600.00	\$2,400.00
0241.2110 21" Sewer Abandonment Plug EA	CIP	4	\$10,000.00	\$2,500.00

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
0241.2111 24" Sewer Abandonment Plug EA	CIP	4	\$12,000.00	\$3,000.00
0241.2112 27" Sewer Abandonment Plug EA	CIP	4	\$14,000.00	\$3,500.00
0241.2113 30" Sewer Abandonment Plug EA	CIP	4	\$15,000.00	\$3,750.00
0241.2114 36" Sewer Abandonment Plug EA	CIP	4	\$17,000.00	\$4,250.00
0241.2115 42" Sewer Abandonment Plug EA	CIP	4	\$20,000.00	\$5,000.00
0241.2116 48" Sewer Abandonment Plug EA	CIP	4	\$23,000.00	\$5,750.00
0241.2117 54" Sewer Abandonment Plug EA	CIP	4	\$26,000.00	\$6,500.00
0241.2201 Remove 4' Sewer Manhole EA	Combined	622	\$429,370.00	\$690.31
0241.2202 Remove 5' Sewer Manhole EA	CIP	10	\$13,000.00	\$1,300.00
0241.3001 Storm Line Grouting CY	CIP	153	\$45,082.48	\$294.66
0241.3011 Remove 15" Storm Line LF	Combined	133	\$2,883.00	\$21.68
0241.3013 Remove 18" Storm Line LF	Combined	429	\$11,811.00	\$27.53
0241.3014 Remove 21" Storm Line LF	Combined	121	\$2,308.00	\$19.07
0241.3015 Remove 24" Storm Line LF	Combined	947	\$16,253.00	\$17.16
0241.3017 Remove 30" Storm Line LF	Combined	1274	\$33,867.60	\$26.58
0241.3018 Remove 33" Storm Line LF	Developer	94	\$1,880.00	\$20.00
0241.3019 Remove 36" Storm Line LF	Combined	2180	\$37,510.00	\$17.21

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
0241.3021 Remove 42" Storm Line LF	Combined	342	\$9,162.00	\$26.79
0241.3023 Remove 48" Storm Line LF	Combined	1365	\$60,753.00	\$44.51
0241.3025 Remove 60" Storm Line LF	Developer	192	\$5,760.00	\$30.00
0241.3102 18" Storm Abandonment Plug EA	CIP	9	\$5,850.00	\$650.00
0241.3103 21" Storm Abandonment Plug EA	Combined	36	\$29,527.23	\$820.20
0241.3104 24" Storm Abandonment Plug EA	Combined	7	\$3,313.00	\$473.29
0241.3106 30" Storm Abandonment Plug EA	Developer	3	\$2,000.00	\$666.67
0241.3108 36" Storm Abandonment Plug EA	Developer	2	\$1,000.00	\$500.00
0241.3110 42" Storm Abandonment Plug EA	Developer	2	\$0.00	\$0.00
0241.3112 48" Storm Abandonment Plug EA	CIP	3	\$5,350.00	\$1,783.33
0241.3401 Remove 4' Storm Junction Box EA	Combined	16	\$24,820.00	\$1,551.25
0241.3402 Remove 5' Storm Juntion Box EA	Developer	1	\$450.00	\$450.00
0241.3501 Remove Storm Junction Structure LS	Developer	4	\$2,970.00	\$742.50
0241.4001 Remove 10' Curb Inlet EA	Combined	49	\$63,288.48	\$1,291.60
0241.4002 Remove 15' Curb Inlet EA	CIP	6	\$18,600.00	\$3,100.00
0241.4101 Remove 10' Recessed Inlet EA	Developer	1	\$4,575.00	\$4,575.00
0241.4201 Remove 4' Drop Inlet EA	Developer	8	\$9,400.00	\$1,175.00

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
0241.4202 Remove 5' Drop Inlet EA	Developer	4	\$7,200.00	\$1,800.00
0241.4203 Remove 6' Drop Inlet EA	Developer	1	\$2,000.00	\$2,000.00
0241.4303 Remove 4' Grate Inlet EA	Developer	1	\$0.00	\$0.00
0241.4401 Remove Headwall/SET EA	Combined	62	\$108,807.80	\$1,754.96
0241.5001 Abandon Manhole EA	CIP	10	\$14,000.00	\$1,400.00
0330.0001 Concrete Encase Sewer Pipe CY	Combined	1036.1	\$157,999.60	\$152.49
2605.0101 Electrical Facilities LS	Developer	3	\$177,920.00	\$59,306.67
2605.0111 Furnish/Install Elec Serv Pedestal EA	Developer	8	\$42,832.00	\$5,354.00
2605.0112 Install Elec Serv Pedestal EA	Developer	4	\$20,500.00	\$5,125.00
2605.0121 Furnish/Install Elec Serv Pole Mnt EA	Developer	8	\$45,500.00	\$5,687.50
2605.0122 Install Elec Serv Pole Mnt EA	Developer	8	\$30,896.74	\$3,862.09
2605.0131 Salvage Electrical Equipment LS	Developer	2	\$8,250.00	\$4,125.00
2605.2101 Conduit Box EA	Developer	22	\$12,000.00	\$545.45
2605.3001 1 1/4" CONDT PVC SCH 80 (T) LF	Developer	19476	\$132,795.63	\$6.82
2605.3011 2" CONDT PVC SCH 40 (T) LF	Developer	25388	\$202,691.46	\$7.98
2605.3012 2" CONDT PVC SCH 40 (B) LF	Developer	5300	\$71,815.00	\$13.55
2605.3014 2" CONDT RM (Riser) LF	Developer	2	\$300.00	\$150.00

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
2605.3015 2" CONDT PVC SCH 80 (T) LF	Developer	115720.8	\$1,099,683.35	\$9.50
2605.3016 2" CONDT PVC SCH 80 (B) LF	Developer	2000	\$183,162.50	\$91.58
2605.3017 2" CONDT PVC SCH 80 For Riser w/Hardware	Developer	1	\$650.00	\$650.00
2605.3018 2" CONDT PVC SCH 80, Open Cut LF	Developer	6179	\$65,827.20	\$10.65
2605.3021 3" CONDT PVC SCH 40 (T) LF	Developer	269	\$4,035.00	\$15.00
2605.3025 3" CONDT PVC SCH 80 (T) LF	Developer	2771	\$41,520.00	\$14.98
2605.3026 3" CONDT PVC SCH 80 (B) LF	Developer	415	\$0.00	\$0.00
2605.3031 4" CONDT PVC SCH 40 (T) LF	Developer	2991	\$30,505.00	\$10.20
2605.3118 Furnish/Install Conduit-Schedule 80 PVC 2 In	Developer	1000	\$0.00	\$0.00
2605.3119 Furnish/Install Conduit-Schedule 80 PVC 2 In	Developer	44	\$0.00	\$0.00
3110.0101 Site Clearing LS	Combined	48	\$1,491,559.29	\$31,074.15
3110.0102 6"-12" Tree Removal EA	Combined	436	\$242,878.26	\$557.06
3110.0103 12"-18" Tree Removal EA	Combined	413	\$248,828.16	\$602.49
3110.0104 18"-24" Tree Removal EA	Combined	216	\$217,274.65	\$1,005.90
3110.0105 24" and Larger Tree Removal EA	Combined	240	\$349,538.12	\$1,456.41
3110.0106 Remove and Transplant 2" Tree EA	Developer	6	\$3,623.16	\$603.86
3110.0107 Remove and Transplant 3" Tree EA	Developer	5	\$3,774.10	\$754.82

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3123.0101 Unclassified Excavation by Plan CY	Combined	852418	\$11,249,592.13	\$13.20
3123.0102 Unclassified Excavation by Survey CY	Developer	391	\$15,249.00	\$39.00
3123.0103 Borrow by Plan CY	Combined	125878	\$1,069,581.70	\$8.50
3123.0104 Borrow by Survey CY	Developer	900	\$18,000.00	\$20.00
3124.0101 Embankment by Plan CY	Combined	98217	\$447,181.80	\$4.55
3124.0102 Embankment by Survey CY	Combined	1001	\$39,400.00	\$39.36
3125.0101 SWPPP ≥ 1 acre LS	Combined	199	\$1,325,963.77	\$6,663.13
3136.0102 Twisted Gabions CY	Developer	113	\$16,220.20	\$143.54
3136.0104 Twisted Gabion Mattresses CY	Developer	384	\$50,139.80	\$130.57
3137.0101 Concrete Riprap SY	Combined	20984.5	\$1,644,592.51	\$78.37
3137.0102 Large Stone Riprap, dry SY	Combined	8780	\$727,162.50	\$82.82
3137.0103 Large Stone Riprap, grouted SY	Combined	6971	\$514,068.64	\$73.74
3137.0104 Medium Stone Riprap, dry SY	Developer	6794	\$367,770.10	\$54.13
3137.0105 Medium Stone Riprap, grouted SY	Developer	475	\$37,543.00	\$79.04
3137.0107 Block Riprap, dry SY	Developer	5303	\$153,982.14	\$29.04
3137.0108 Block Riprap, grouted SY	Developer	40	\$4,680.00	\$117.00
3137.0109 Slab Riprap SY	Developer	67	\$5,025.00	\$75.00



# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3137.0110 Special Riprap SY	Combined	30611	\$3,509,803.12	\$114.66
3201.0111 4' Wide Asphalt Pvmt Repair, Residential LF	CIP	27590	\$1,899,245.95	\$68.84
3201.0112 5' Wide Asphalt Pvmt Repair, Residential LF	Combined	2882	\$208,923.60	\$72.49
3201.0113 6' Wide Asphalt Pvmt Repair, Residential LF	Combined	21171	\$1,006,131.40	\$47.52
3201.0114 7' Wide Asphalt Pvmt Repair, Residential LF	Combined	217	\$16,905.00	\$77.90
3201.0115 8' Wide Asphalt Pvmt Repair, Residential LF	CIP	200	\$18,500.00	\$92.50
3201.0116 9' Wide Asphalt Pvmt Repair, Residential LF	CIP	200	\$22,000.00	\$110.00
3201.0117 10' Wide Asphalt Pvmt Repair, Residential LF	Combined	2572.9	\$294,952.36	\$114.64
3201.0121 4' Wide Asphalt Pvmt Repair, Arterial LF	CIP	488	\$37,327.04	\$76.49
3201.0122 5' Wide Asphalt Pvmt Repair, Arterial LF	Combined	308	\$25,565.00	\$83.00
3201.0123 6' Wide Asphalt Pvmt Repair, Arterial LF	Combined	4893.5	\$326,037.50	\$66.63
3201.0124 7' Wide Asphalt Pvmt Repair, Arterial LF	CIP	200	\$16,700.00	\$83.50
3201.0125 8' Wide Asphalt Pvmt Repair, Arterial LF	CIP	200	\$19,500.00	\$97.50
3201.0126 9' Wide Asphalt Pvmt Repair, Arterial LF	CIP	200	\$23,000.00	\$115.00
3201.0127 10' Wide Asphalt Pvmt Repair, Arterial LF	Combined	1726	\$189,045.00	\$109.53
3201.0131 4' Wide Asphalt Pvmt Repair, Industrial LF	Developer	1015	\$50,750.00	\$50.00
3201.0132 5' Wide Asphalt Pvmt Repair, Industrial LF	Combined	935	\$54,000.00	\$57.75

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3201.0133 6' Wide Asphalt Pvmt Repair, Industrial LF	Combined	867	\$65,460.00	\$75.50
3201.0134 7' Wide Asphalt Pvmt Repair, Industrial LF	CIP	200	\$17,800.00	\$89.00
3201.0135 8' Wide Asphalt Pvmt Repair, Industrial LF	CIP	200	\$20,500.00	\$102.50
3201.0136 9' Wide Asphalt Pvmt Repair, Industrial LF	CIP	200	\$24,000.00	\$120.00
3201.0137 10' Wide Asphalt Pvmt Repair, Industrial LF	CIP	1704	\$149,051.48	\$87.47
3201.0150 Asphalt Pvmt Repair, Sewer Service LF	Developer	110	\$7,741.90	\$70.38
3201.0151 Asphalt Pvmt Repair, Water Service LF	Developer	1004	\$85,123.80	\$84.78
3201.0201 Asphalt Pvmt Repair Beyond Defined Width,	Combined	13620	\$660,168.90	\$48.47
3201.0202 Asphalt Pvmt Repair Beyond Defined Width,	Combined	1726	\$118,357.50	\$68.57
3201.0203 Asphalt Pvmt Repair Beyond Defined Width, I	CIP	788	\$70,770.00	\$89.81
3201.0301 2" Extra Width Asphalt Pavment Repair SY	CIP	3000	\$97,500.00	\$32.50
3201.0302 3" Extra Width Asphalt Pavment Repair SY	Developer	445	\$41,175.85	\$92.53
3201.0400 Temporary Asphalt Paving Repair LF	Combined	509776	\$13,192,233.75	\$25.88
3201.0614 Conc Pvmt Repair, Residential SY	Combined	16606.5	\$1,911,616.99	\$115.11
3201.0616 Conc Pvmt Repair, Arterial/Industrial SY	Combined	6050	\$635,345.12	\$105.02
3201.0656 Conc Pvmt Repair, HES, Arterial/Industrial SY	Developer	120	\$14,594.00	\$121.62
3211.0111 4" Flexible Base, Type A, GR-1 SY	Developer	5114	\$65,972.75	\$12.90

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3211.0112 6" Flexible Base, Type A, GR-1 SY	Combined	37202	\$642,229.41	\$17.26
3211.0113 8" Flexible Base, Type A, GR-1 SY	Developer	867	\$32,980.00	\$38.04
3211.0122 6" Flexible Base, Type A, GR-2 SY	Developer	45	\$2,880.00	\$64.00
3211.0123 8" Flexible Base, Type A, GR-2 SY	Developer	640	\$10,880.00	\$17.00
3211.0211 6" Flexible Base, Type B, GR-1 SY	Combined	1244	\$30,265.10	\$24.33
3211.0212 6" Flexible Base, Type B, GR-2 SY	Developer	633	\$13,926.00	\$22.00
3211.0400 Hydrated Lime TN	Combined	23822.1564	\$3,672,129.06	\$154.15
3211.0401 Commercial Lime Slurry TN	Developer	270.6405	\$47,014.39	\$173.72
3211.0501 6" Lime Treatment SY	Combined	1069690.78	\$3,118,513.01	\$2.92
3211.0502 8" Lime Treatment SY	Combined	386580	\$1,402,920.55	\$3.63
3211.0600 Cement TN	Combined	16612.3	\$3,263,818.61	\$196.47
3211.0701 6" Cement Treatment SY	Developer	10671	\$29,345.25	\$2.75
3211.0702 8" Cement Treatment SY	Combined	123672	\$506,562.10	\$4.10
3212.0201 2" Asphalt Pvmt Type C SY	Developer	314	\$15,543.00	\$49.50
3212.0202 3" Asphalt Pvmt Type C SY	Developer	35	\$4,060.00	\$116.00
3212.0302 2" Asphalt Pvmt Type D SY	Combined	776185	\$6,338,776.57	\$8.17
3212.0303 3" Asphalt Pvmt Type D SY	Combined	1152060	\$21,413,781.3	\$18.59

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3212.0401 HMAC Transition TN	Combined	5035.2	\$591,794.17	\$117.53
3212.0501 4" Asphalt Base Type B SY	Combined	16933	\$471,470.00	\$27.84
3212.0502 5" Asphalt Base Type B SY	Developer	687	\$19,236.00	\$28.00
3212.0503 6" Asphalt Base Type B SY	Developer	3838	\$185,748.00	\$48.40
3212.0505 8" Asphalt Base Type B SY	Developer	2185	\$72,105.00	\$33.00
3212.0600 HMAC Pavement Level Up TN	CIP	365	\$106,765.00	\$292.51
3212.0900 Asphalt Crack Sealant GA	CIP	110	\$3,300.00	\$30.00
3213.0101 6" Conc Pvmt SY	Combined	1048076	\$34,014,577.88	\$32.45
3213.0102 7" Conc Pvmt SY	Combined	56738	\$3,660,543.62	\$64.52
3213.0103 8" Conc Pvmt SY	Combined	161312	\$7,759,629.88	\$48.10
3213.0104 9" Conc Pvmt SY	Combined	16674	\$1,407,076.97	\$84.39
3213.0105 10" Conc Pvmt SY	Combined	137615	\$8,407,903.68	\$61.10
3213.0106 11" Conc Pvmt SY	Developer	1451	\$113,684.50	\$78.35
3213.0107 12" Conc Pvmt SY	Developer	3128	\$245,548.00	\$78.50
3213.0201 6" Conc Pvmt HES SY	Combined	267	\$29,103.00	\$109.00
3213.0202 7" Conc Pvmt HES SY	CIP	400	\$48,300.00	\$120.75
3213.0203 8" Conc Pvmt HES SY	CIP	6200	\$725,477.50	\$117.01

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3213.0205 10" Conc Pvmt HES SY	Combined	2953	\$251,767.00	\$85.26
3213.0301 4" Conc Sidewalk SF	Combined	1400019	\$7,568,320.75	\$5.41
3213.0302 5" Conc Sidewalk SF	Developer	88868	\$749,353.30	\$8.43
3213.0303 6" Conc Sidewalk SF	Combined	48073	\$285,669.30	\$5.94
3213.0311 4" Conc Sidewalk, Adjacent to Curb SF	Combined	297758	\$2,034,064.30	\$6.83
3213.0312 5" Conc Sidewalk, Adjacent to Curb SF	Developer	4110	\$26,662.50	\$6.49
3213.0321 Conc Sidewalk, Adjacent to Ret Wall SF	CIP	2500	\$33,075.00	\$13.23
3213.0322 Conc Curb at Back of Sidewalk LF	CIP	4750	\$51,897.50	\$10.93
3213.0351 4" Conc Sidewalk, Exposed Aggregate SF	CIP	1920	\$18,592.00	\$9.68
3213.0400 5" Concrete Driveway SF	Developer	100	\$3,600.00	\$36.00
3213.0401 6" Concrete Driveway SF	Combined	1073754	\$10,151,496.84	\$9.45
3213.0402 7" Concrete Driveway SF	Developer	19930	\$160,909.73	\$8.07
3213.0403 8" Concrete Driveway SF	CIP	52000	\$548,300.00	\$10.54
3213.0451 6" Concrete Driveway, Exposed Aggregate S	CIP	54895	\$152,850.97	\$2.78
3213.0501 Barrier Free Ramp, Type R-1 EA	Combined	62109	\$1,533,992.96	\$24.70
3213.0502 Barrier Free Ramp, Type U-1 EA	Combined	33	\$82,269.10	\$2,493.00
3213.0503 Barrier Free Ramp, Type M-1 EA	Combined	124	\$174,152.16	\$1,404.45

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3213.0504 Barrier Free Ramp, Type M-2 EA	Combined	239	\$360,674.71	\$1,509.10
3213.0505 Barrier Free Ramp, Type M-3 EA	Combined	26	\$72,051.43	\$2,771.21
3213.0506 Barrier Free Ramp, Type P-1 EA	Combined	1113	\$1,653,175.86	\$1,485.33
3213.0507 Barrier Free Ramp, Type P-2 EA	Combined	46	\$79,382.70	\$1,725.71
3213.0509 Barrier Free Ramp, Type C-2 EA	Developer	3	\$4,200.00	\$1,400.00
3213.0510 Barrier Free Ramp, Type C-3 EA	Combined	16	\$31,540.00	\$1,971.25
3213.0700 Joint Sealant LF	Combined	732	\$16,464.00	\$22.49
3214.0100 Brick Pvmt SY	Combined	2612	\$276,832.70	\$105.98
3214.0200 Brick Pvmt Repair SY	Combined	114	\$19,564.35	\$171.62
3216.0101 6" Conc Curb and Gutter LF	Combined	520714.2	\$19,102,550.6 6	\$36.69
3216.0102 7" Conc Curb and Gutter LF	Combined	174926	\$647,180.95	\$3.70
3216.0301 9" Conc Valley Gutter, Residential SY	Combined	7163	\$882,237.60	\$123.17
3216.0302 11" Conc Valley Gutter, Arterial/Industrial SY	CIP	100	\$11,750.00	\$117.50
3217.0001 4" SLD Pvmt Marking HAS (W) LF	Combined	114384	\$136,701.68	\$1.20
3217.0002 4" SLD Pvmt Marking HAS (Y) LF	Combined	191823	\$346,912.70	\$1.81
3217.0003 4" BRK Pvmt Marking HAS (W) LF	Combined	12596	\$25,883.06	\$2.05
3217.0004 4" BRK Pvmt Marking HAS (Y) LF	Developer	8224	\$11,783.50	\$1.43

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3217.0005 4" DOT Pvmt Marking HAS (W) LF	CIP	2200	\$2,640.00	\$1.20
3217.0007 4" SLD Pvmt Marking Tape (W) LF	Developer	4666	\$11,174.00	\$2.39
3217.0008 4" SLD Pvmt Marking Tape (Y) LF	Developer	5852	\$19,172.80	\$3.28
3217.0201 8" SLD Pvmt Marking HAS (W) LF	Combined	10107	\$32,091.83	\$3.18
3217.0202 8" SLD Pvmt Marking HAS (Y) LF	Developer	945	\$3,500.25	\$3.70
3217.0203 8" SLD Pvmt Marking Tape (W) LF	Developer	950	\$1,889.00	\$1.99
3217.0204 8" SLD Pvmt Marking Tape (Y) LF	Developer	332	\$3,476.04	\$10.47
3217.0301 12" SLD Pvmt Marking HAE (W) LF	CIP	1712	\$8,418.00	\$4.92
3217.0501 24" SLD Pvmt Marking HAE (W) LF	Combined	19723	\$233,878.65	\$11.86
3217.1001 Lane Legend RR EA	Combined	14	\$2,940.00	\$210.00
3217.1002 Lane Legend Arrow EA	Combined	62	\$15,970.73	\$257.59
3217.1003 Lane Legend DBL Arrow EA	Developer	3	\$1,250.00	\$416.67
3217.1004 Lane Legend Only EA	Combined	38	\$8,235.96	\$216.74
3217.1006 Lane Legend Bike EA	Combined	62	\$28,960.00	\$467.10
3217.1007 Lane Legend Sharrow EA	Combined	6	\$3,870.00	\$645.00
3217.1008 Parking Lot Legend HC EA	Developer	2	\$1,000.00	\$500.00
3217.2001 Raised Marker TY W EA	Developer	10	\$1,500.00	\$150.00

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3217.2101 REFL Raised Marker TY I-A EA	Developer	28	\$310.80	\$11.10
3217.2102 REFL Raised Marker TY I-C EA	Combined	688	\$5,205.84	\$7.57
3217.2103 REFL Raised Marker TY II-A-A EA	Combined	4128	\$21,324.67	\$5.17
3217.2104 REFL Raised Marker TY II-C-R EA	Combined	820	\$4,635.30	\$5.65
3217.4301 Remove 4" Pvmt Marking LF	Developer	2492	\$3,693.50	\$1.48
3217.4303 Remove 8" Pvmt Marking LF	Developer	1833	\$2,616.81	\$1.43
3217.4304 Remove 12" Pvmt Marking LF	CIP	2040	\$5,984.00	\$2.93
3217.4306 Remove 24" Pvmt Marking LF	Combined	1032	\$5,455.76	\$5.29
3217.4307 Remove Raised Marker EA	Developer	112	\$82.00	\$0.73
3217.4402 Remove Lane Legend Arrow EA	Developer	4	\$499.19	\$124.80
3217.4404 Remove Lane Legend Only EA	Developer	1	\$50.00	\$50.00
3217.5001 Curb Address Painting EA	CIP	20735	\$608,794.10	\$29.36
3231.0113 6' Chain Link, Steel LF	Combined	1918	\$74,460.00	\$38.82
3231.0114 8' Chain Link, Steel LF	Combined	3926	\$125,125.20	\$31.87
3231.0121 4' Chain Link, Aluminum LF	CIP	400	\$9,200.00	\$23.00
3231.0122 5' Chain Link, Aluminum LF	CIP	400	\$10,300.00	\$25.75
3231.0123 6' Chain Link, Aluminum LF	Combined	960	\$27,880.00	\$29.04



# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3231.0133 6' Wrought Iron Fence LF	CIP	2828	\$321,483.00	\$113.68
3231.0211 Barbed Wire Fence, Metal Posts LF	Combined	8122	\$73,679.00	\$9.07
3231.0213 Wire Mesh Fence, Metal Posts LF	CIP	800	\$20,300.00	\$25.38
3231.0303 8' Gate, Steel EA	Combined	26	\$53,827.45	\$2,070.29
3231.0305 12' Gate, Steel EA	Developer	1	\$2,500.00	\$2,500.00
3231.0307 20' Gate, Steel EA	Developer	2	\$1,800.00	\$900.00
3231.0411 4' Fences, Wood LF	CIP	400	\$11,300.00	\$28.25
3231.0412 6' Fences, Wood LF	Developer	70	\$1,900.50	\$27.15
3232.0100 Conc Ret Wall Adjacent to Sidewalk SF	CIP	26530	\$920,774.50	\$34.71
3291.0100 Topsoil CY	Combined	78319	\$1,774,729.35	\$22.66
3292.0100 Block Sod Placement SY	Combined	454910	\$2,661,199.19	\$5.85
3292.0101 Utility Service Surface Restoration Sodding S	Combined	1768	\$22,484.00	\$12.72
3292.0200 Seeding, Broadcast SY	CIP	3000	\$9,000.00	\$3.00
3292.0201 Utility Service Surface Restoration Seeding S	Developer	178267	\$106,960.20	\$0.60
3292.0400 Seeding, Hydromulch SY	Combined	416557	\$492,607.57	\$1.18
3292.0500 Seeding, Soil Retention Blanket SY	Combined	103078	\$237,081.56	\$2.30
3293.0102 Plant 2" Tree EA	Combined	186	\$126,690.60	\$681.13

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3293.0103 Plant 3" Tree EA	Developer	24	\$23,922.24	\$996.76
3293.0104 Plant 4" Tree EA	Developer	67	\$24,450.00	\$364.93
3293.0106 Plant 6" Tree EA	Developer	1	\$2,200.00	\$2,200.00
3301.0001 Pre-CCTV Inspection LF	Combined	70247	\$209,302.30	\$2.98
3301.0002 Post-CCTV Inspection LF	Combined	555478	\$1,084,740.65	\$1.95
3301.0101 Manhole Vacuum Testing EA	Combined	2644.3	\$462,404.64	\$174.87
3303.0001 Bypass Pumping LS	Combined	16	\$248,734.37	\$15,545.90
3304.0101 Temporary Water Services LS	Combined	13386	\$4,134,157.40	\$308.84
3305.0001 4" Waterline Lowering EA	Developer	4	\$10,800.00	\$2,700.00
3305.0002 6" Waterline Lowering EA	Combined	7	\$32,500.00	\$4,642.86
3305.0003 8" Waterline Lowering EA	Combined	257	\$1,132,538.96	\$4,406.77
3305.0004 10" Waterline Lowering EA	Combined	7	\$16,900.00	\$2,414.29
3305.0005 12" Waterline Lowering EA	Combined	23	\$117,143.96	\$5,093.22
3305.0103 Exploratory Excavation of Existing Utilities E	Combined	420	\$626,252.51	\$1,491.08
3305.0105 Inlet Adjustment EA	Developer	1	\$1,000.00	\$1,000.00
3305.0106 Manhole Adjustment, Major EA	Combined	24	\$67,334.00	\$2,805.58
3305.0107 Manhole Adjustment, Minor EA	Combined	997	\$586,328.56	\$588.09

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3305.0108 Miscellaneous Structure Adjustment EA	Combined	7317	\$464,636.00	\$63.50
3305.0109 Trench Safety LF	Combined	1127783.9	\$1,263,491.77	\$1.12
3305.0110 Utility Markers LS	Combined	13	\$23,875.00	\$1,836.54
3305.0111 Valve Box Adjustment EA	Combined	1914	\$588,722.26	\$307.59
3305.0112 Concrete Collar EA	Combined	1471	\$705,965.80	\$479.92
3305.0113 Trench Water Stops EA	Combined	230	\$106,859.76	\$464.61
3305.0114 Manhole Adjustment, Major w/ Cover EA	Combined	19	\$35,496.50	\$1,868.24
3305.0115 Vacuum Excavation EA	Combined	18	\$47,904.00	\$2,661.33
3305.0116 Concrete Encasement for Utility Pipes CY	Combined	1280.35	\$194,937.93	\$152.25
3305.0202 Imported Embedment/Backfill, CSS CY	Combined	4357	\$379,149.50	\$87.02
3305.0203 Imported Embedment/Backfill, CLSM CY	Combined	52284	\$5,079,873.20	\$97.16
3305.0204 Imported Embedment/Backfill, Crushed Rock	CIP	1380	\$56,515.50	\$40.95
3305.0205 Imported Embedment/Backfill, Fine Crushed	Developer	615	\$35,018.10	\$56.94
3305.0207 Imported Embedment/Backfill, Select Fill CY	CIP	4610	\$136,710.00	\$29.66
3305.1002 16" Casing By Open Cut LF	Combined	438	\$80,679.00	\$184.20
3305.1003 20" Casing By Open Cut LF	Developer	2070	\$131,998.20	\$63.77
3305.1004 24" Casing By Open Cut LF	Developer	200	\$20,230.00	\$101.15

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3305.1005 30" Casing By Open Cut LF	Combined	469	\$149,600.00	\$318.98
3305.1006 36" Casing By Open Cut LF	CIP	200	\$100,000.00	\$500.00
3305.1007 42" Casing By Open Cut LF	CIP	200	\$110,000.00	\$550.00
3305.1008 48" Casing By Open Cut LF	CIP	200	\$120,000.00	\$600.00
3305.1009 54" Casing By Open Cut LF	CIP	200	\$130,000.00	\$650.00
3305.1010 60" Casing By Open Cut LF	CIP	200	\$140,000.00	\$700.00
3305.1011 66" Casing By Open Cut LF	CIP	200	\$155,000.00	\$775.00
3305.1012 72" Casing By Open Cut LF	CIP	200	\$180,000.00	\$900.00
3305.1101 12" Casing By Other Than Open Cut LF	Developer	390	\$130,260.00	\$334.00
3305.1102 16" Casing By Other Than Open Cut LF	Developer	200	\$73,086.30	\$365.43
3305.1103 20" Casing By Other Than Open Cut LF	Developer	1061	\$504,073.98	\$475.09
3305.1104 24" Casing By Other Than Open Cut LF	Combined	1458	\$756,020.40	\$518.53
3305.1105 30" Casing By Other Than Open Cut LF	Combined	1113	\$670,104.00	\$602.07
3305.1106 36" Casing By Other Than Open Cut LF	CIP	200	\$163,500.00	\$817.50
3305.1107 42" Casing By Other Than Open Cut LF	Combined	728	\$679,320.00	\$933.13
3305.1108 48" Casing By Other Than Open Cut LF	Combined	521	\$548,118.00	\$1,052.05
3305.1109 54" Casing By Other Than Open Cut LF	Combined	2251	\$2,659,066.00	\$1,181.28

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3305.1301 36" Tunnel Liner Plate By Other Than Open C	CIP	200	\$181,000.00	\$905.00
3305.1302 42" Tunnel Liner Plate By Other Than Open C	CIP	200	\$186,000.00	\$930.00
3305.1303 48" Tunnel Liner Plate By Other Than Open C	CIP	200	\$211,500.00	\$1,057.50
3305.1304 54" Tunnel Liner Plate By Other Than Open C	CIP	200	\$231,000.00	\$1,155.00
3305.1305 60" Tunnel Liner Plate By Other Than Open C	CIP	200	\$258,000.00	\$1,290.00
3305.1306 66" Tunnel Liner Plate By Other Than Open C	CIP	200	\$295,500.00	\$1,477.50
3305.1307 72" Tunnel Liner Plate By Other Than Open C	CIP	200	\$328,000.00	\$1,640.00
3305.2001 6" Water Carrier Pipe LF	Developer	20	\$960.00	\$48.00
3305.2002 8" Water Carrier Pipe LF	Developer	386	\$17,138.72	\$44.40
3305.2004 12" Water Carrier Pipe LF	Combined	1678	\$319,601.09	\$190.47
3305.2005 16" Water Carrier Pipe LF	Developer	330	\$32,460.00	\$98.36
3305.2007 24" Water Carrier Pipe LF	Developer	528	\$82,368.00	\$156.00
3305.2008 30" Water Carrier Pipe LF	CIP	1760	\$516,560.00	\$293.50
3305.3002 8" Sewer Carrier Pipe LF	Combined	1666	\$145,952.40	\$87.61
3305.3004 12" Sewer Carrier Pipe LF	Developer	248	\$17,608.00	\$71.00
3305.3005 15" Sewer Carrier Pipe LF	Developer	150	\$5,325.00	\$35.50
3305.3006 16" Sewer Carrier Pipe LF	CIP	200	\$65,000.00	\$325.00

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3305.3007 18" Sewer Carrier Pipe LF	CIP	200	\$72,000.00	\$360.00
3305.3008 20" Sewer Carrier Pipe LF	CIP	200	\$79,000.00	\$395.00
3305.3009 21" Sewer Carrier Pipe LF	CIP	200	\$81,000.00	\$405.00
3305.3010 24" Sewer Carrier Pipe LF	CIP	200	\$90,000.00	\$450.00
3305.3011 27" Sewer Carrier Pipe LF	CIP	200	\$100,000.00	\$500.00
3305.3012 30" Sewer Carrier Pipe LF	Combined	521	\$179,842.00	\$345.19
3305.3013 36" Sewer Carrier Pipe LF	Combined	491	\$201,004.00	\$409.38
3305.3014 42" Sewer Carrier Pipe LF	CIP	200	\$145,000.00	\$725.00
3305.3015 48" Sewer Carrier Pipe LF	CIP	200	\$160,000.00	\$800.00
3305.3016 54" Sewer Carrier Pipe LF	CIP	200	\$175,000.00	\$875.00
3311.0001 Ductile Iron Water Fittings w/ Restraint TON	Combined	716.007499	\$3,982,772.46	\$5,562.47
3311.0041 4" Water Pipe LF	Developer	208	\$13,266.54	\$63.78
3311.0061 4" PVC Water Pipe LF	Developer	447	\$12,334.00	\$27.59
3311.0141 6" Water Pipe LF	Developer	1453	\$35,012.30	\$24.10
3311.0143 6" Water Pipe, Select Backfill LF	Developer	16	\$12,240.00	\$765.00
3311.0151 6" DIP Water LF	Combined	217	\$18,565.00	\$85.55
3311.0154 6" DIP Water, CLSM Backfill LF	CIP	300	\$60,675.00	\$202.25

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3311.0161 6" PVC Water Pipe LF	Combined	7959	\$458,790.58	\$57.64
3311.0241 8" Water Pipe LF	Combined	141395	\$4,226,126.77	\$29.89
3311.0251 8" DIP Water LF	Combined	3841	\$301,582.30	\$78.52
3311.0252 8" DIP Water, CSS Backfill LF	CIP	90	\$7,740.00	\$86.00
3311.0254 8" DIP Water, CLSM Backfill LF	CIP	2450	\$273,542.50	\$111.65
3311.0261 8" PVC Water Pipe LF	Combined	430902	\$20,056,028.05	\$46.54
3311.0262 8" PVC Water Pipe, CSS Backfill LF	Developer	236	\$10,565.20	\$44.77
3311.0264 8" PVC Water Pipe, CLSM Backfill LF	Developer	134	\$7,176.00	\$53.55
3311.0341 10" Water Pipe LF	Developer	5687	\$103,193.48	\$18.15
3311.0351 10" DIP Water LF	Combined	202	\$9,000.00	\$44.55
3311.0361 10" PVC Water Pipe LF	Combined	2865	\$147,963.00	\$51.65
3311.0362 10" PVC Water Pipe, CSS Backfill LF	Developer	20	\$1,000.00	\$50.00
3311.0441 12" Water Pipe LF	Developer	40905	\$1,892,660.77	\$46.27
3311.0442 12" Water Pipe, CSS Backfill LF	Developer	168	\$10,176.00	\$60.57
3311.0451 12" DIP Water LF	Combined	7147	\$992,513.24	\$138.87
3311.0457 12" DIP Water, CLSM Backfill LF	CIP	500	\$82,050.00	\$164.10
3311.0461 12" PVC Water Pipe LF	Combined	77640	\$5,538,693.40	\$71.34

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3311.0462 12" PVC Water Pipe, CSS Backfill LF	Developer	40	\$2,600.00	\$65.00
3311.0467 12" PVC Water Pipe, CLSM Backfill LF	Developer	87	\$4,872.00	\$56.00
3311.0541 16" Water Pipe LF	Developer	9480	\$724,787.88	\$76.45
3311.0551 16" DIP Water LF	Developer	467	\$78,330.00	\$167.73
3311.0554 16" DIP Water (Restrained Joints) LF	CIP	600	\$118,068.00	\$196.78
3311.0561 16" PVC C905 Water Pipe LF	Developer	5218	\$307,042.80	\$58.84
3311.0651 24" DIP Water LF	Developer	33	\$5,907.00	\$179.00
3311.0654 24" DIP Water (Restrained Joints) LF	CIP	5510	\$1,414,857.80	\$256.78
3311.0661 24" PVC C905 Water Pipe LF	Developer	12422	\$1,131,852.00	\$91.12
3311.0754 30" DIP Water (Restrained Joints) LF	CIP	2324	\$972,013.00	\$418.25
3311.0851 36" DIP Water LF	Developer	179	\$49,822.86	\$278.34
3312.0001 Fire Hydrant EA	Combined	798	\$2,857,716.25	\$3,581.10
3312.0002 Water Sampling Station EA	Combined	5	\$19,225.00	\$3,845.00
3312.0106 Connection to Existing 16" Water Main EA	Combined	44	\$154,500.30	\$3,511.37
3312.0107 Connection to Existing 20" Water Main EA	Combined	14	\$99,263.00	\$7,090.21
3312.0108 Connection to Existing 24" Water Main EA	Combined	9	\$57,584.00	\$6,398.22
3312.0109 Connection to Existing 30" Water Main EA	Combined	9	\$99,800.00	\$11,088.89



# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3312.0110 Connection to Existing 36" Water Main EA	Developer	3	\$27,274.34	\$9,091.45
3312.0117 Connection to Existing 4"-12" Water Main E	Combined	1485	\$3,231,854.35	\$2,176.33
3312.1002 2" Combination Air Valve Assembly for Wate	Combined	16	\$121,337.00	\$7,583.56
3312.1003 3" Combination Air Valve Assembly for Wate	Developer	10	\$126,388.00	\$12,638.80
3312.2001 1" Water Service, Meter Reconnection EA	Combined	5609	\$1,725,371.45	\$307.61
3312.2002 1" Bored Water Service EA	Combined	34	\$36,180.00	\$1,064.12
3312.2003 1" Water Service EA	Combined	13316	\$13,684,281.4 2	\$1,027.66
3312.2004 1" Private Water Service LF	Combined	11804	\$270,532.50	\$22.92
3312.2101 1 1/2" Water Service, Meter Reconnection E	CIP	97	\$49,585.00	\$511.19
3312.2102 1 1/2" Bored Water Service EA	Developer	1	\$1,501.21	\$1,501.21
3312.2103 1 1/2" Water Service EA	Combined	154	\$306,943.00	\$1,993.14
3312.2104 1 1/2" Private Water Service LF	CIP	260	\$19,320.00	\$74.31
3312.2201 2" Water Service, Meter Reconnection EA	CIP	90	\$84,944.60	\$943.83
3312.2202 2" Bored Water Service EA	CIP	8	\$31,485.09	\$3,935.64
3312.2203 2" Water Service EA	Combined	216	\$463,064.49	\$2,143.82
3312.2204 2" Private Water Service LF	Combined	244	\$20,824.34	\$85.35
3312.2801 3" Water Meter and Vault EA	Developer	12	\$148,746.59	\$12,395.55

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3312.2802 4" Water Meter and Vault EA	Developer	8	\$131,812.80	\$16,476.60
3312.2803 6" Water Meter and Vault EA	Developer	11	\$186,274.18	\$16,934.02
3312.2804 8" Water Meter and Vault EA	Developer	1	\$27,202.67	\$27,202.67
3312.3001 4" Gate Valve EA	Developer	12	\$10,041.56	\$836.80
3312.3002 6" Gate Valve EA	Combined	527	\$561,192.98	\$1,064.88
3312.3003 8" Gate Valve EA	Combined	1852	\$2,619,943.66	\$1,414.66
3312.3004 10" Gate Valve EA	Combined	74	\$123,550.86	\$1,669.61
3312.3005 12" Gate Valve EA	Combined	484	\$1,156,836.26	\$2,390.16
3312.3006 16" Gate Valve w/ Vault EA	Combined	42	\$589,227.50	\$14,029.23
3312.3007 20" Gate Valve w/ Vault EA	Combined	12	\$299,544.00	\$24,962.00
3312.3008 24" Gate Valve w/ Vault EA	Combined	43	\$1,337,732.00	\$31,110.05
3312.3009 30" Gate Valve w/ Vault EA	CIP	8	\$485,500.00	\$60,687.50
3312.3103 8" Cut-in Gate Valve EA	Developer	1	\$3,650.00	\$3,650.00
3312.3105 12" Cut-in Gate Valve EA	Developer	3	\$15,160.00	\$5,053.33
3312.3106 16" Cut-in Gate Valve w/ Vault EA	Developer	3	\$22,400.00	\$7,466.67
3312.4004 8" x 6" Tapping Sleeve & Valve EA	Developer	13	\$48,640.00	\$3,741.54
3312.4005 8" x 8" Tapping Sleeve & Valve EA	Developer	1	\$4,054.46	\$4,054.46

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3312.4102 10" x 6" Tapping Sleeve & Valve EA	Developer	4	\$6,300.00	\$1,575.00
3312.4103 10" x 8" Tapping Sleeve & Valve EA	Developer	3	\$7,100.00	\$2,366.67
3312.4106 12" x 6" Tapping Sleeve & Valve EA	Developer	3	\$13,564.00	\$4,521.33
3312.4107 12" x 8" Tapping Sleeve & Valve EA	Developer	10	\$48,392.54	\$4,839.25
3312.4108 12" x 10" Tapping Sleeve & Valve EA	Developer	3	\$7,780.00	\$2,593.33
3312.4109 12" x 12" Tapping Sleeve & Valve EA	Developer	4	\$13,500.00	\$3,375.00
3312.4110 16" x 4" Tapping Sleeve & Valve EA	Developer	1	\$3,039.00	\$3,039.00
3312.4111 16" x 6" Tapping Sleeve & Valve EA	Developer	4	\$10,193.60	\$2,548.40
3312.4112 16" x 8" Tapping Sleeve & Valve EA	Developer	11	\$49,138.63	\$4,467.15
3312.4113 16" x 10" Tapping Sleeve & Valve EA	Developer	1	\$9,400.00	\$9,400.00
3312.4114 16" x 12" Tapping Sleeve & Valve EA	Developer	3	\$14,500.00	\$4,833.33
3312.4205 20" x 12" Tapping Sleeve & Valve EA	Developer	1	\$3,500.00	\$3,500.00
3312.4209 24" x 8" Tapping Sleeve & Valve EA	Developer	2	\$8,000.00	\$4,000.00
3312.4211 24" x 12" Tapping Sleeve & Valve EA	Developer	3	\$26,446.00	\$8,815.33
3312.4213 24" x 20" Tapping Sleeve & Valve EA	Developer	1	\$7,500.00	\$7,500.00
3312.4306 30" x 16" Tapping Sleeve & Valve EA	Developer	1	\$16,500.00	\$16,500.00
3312.4313 36" x 12" Tapping Sleeve & Valve EA	Developer	2	\$21,395.00	\$10,697.50

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3312.4408 42" x 24" Tapping Sleeve & Valve EA	Developer	1	\$52,696.00	\$52,696.00
3312.6001 4" Blow Off Valve EA	Developer	2	\$15,000.00	\$7,500.00
3312.6002 6" Blow Off Valve EA	Developer	18	\$206,553.00	\$11,475.17
3312.6003 8" Blow Off Valve EA	CIP	5	\$98,074.00	\$19,614.80
3312.6004 12" Blow Off Valve EA	Combined	5	\$42,500.00	\$8,500.00
3331.0102 6" Sewer Pipe, Point Repair LF	CIP	450	\$48,046.00	\$106.77
3331.0103 8" Sewer Pipe, Point Repair LF	CIP	950	\$100,003.00	\$105.27
3331.0207 16" Sewer Pipe, Slip Lining LF	CIP	200	\$109,000.00	\$545.00
3331.0208 18" Sewer Pipe, Slip Lining LF	CIP	200	\$116,000.00	\$580.00
3331.0209 20" Sewer Pipe, Slip Lining LF	CIP	200	\$123,000.00	\$615.00
3331.0210 21" Sewer Pipe, Slip Lining LF	CIP	200	\$127,000.00	\$635.00
3331.0211 24" Sewer Pipe, Slip Lining LF	CIP	200	\$148,000.00	\$740.00
3331.0212 27" Sewer Pipe, Slip Lining LF	CIP	200	\$166,500.00	\$832.50
3331.0213 30" Sewer Pipe, Slip Lining LF	CIP	200	\$185,000.00	\$925.00
3331.0214 36" Sewer Pipe, Slip Lining LF	CIP	200	\$210,000.00	\$1,050.00
3331.0215 42" Sewer Pipe, Slip Lining LF	CIP	200	\$252,500.00	\$1,262.50
3331.0216 48" Sewer Pipe, Slip Lining LF	CIP	200	\$355,000.00	\$1,775.00

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3331.0217 54" Sewer Pipe, Slip Lining LF	CIP	200	\$420,000.00	\$2,100.00
3331.1102 8" Pipe Enlargement LF	CIP	32430	\$1,941,906.29	\$59.88
3331.1201 Service Reinstatement, Pipe Enlargement EA	CIP	51	\$70,845.00	\$1,389.12
3331.2101 6" CIPP LF	CIP	3084	\$336,606.00	\$109.15
3331.2102 8" CIPP LF	CIP	4236	\$261,731.85	\$61.79
3331.2201 Service Reconnection, CIPP EA	Combined	63	\$18,627.50	\$295.67
3331.3101 4" Sewer Service EA	Combined	10608	\$9,148,185.26	\$862.39
3331.3102 4" 2-Way Cleanout EA	Combined	37	\$9,050.00	\$244.59
3331.3105 4" Private Sewer Service LF	CIP	3000	\$130,482.00	\$43.49
3331.3106 4" DIP Sewer Service EA	Developer	14	\$17,720.00	\$1,265.71
3331.3201 6" Sewer Service EA	Combined	415	\$81,243.10	\$195.77
3331.3202 6" 2-way Cleanout EA	Developer	5	\$3,007.50	\$601.50
3331.3205 6" Private Sewer Service LF	Combined	601	\$41,730.00	\$69.43
3331.3206 6" DIP Sewer Service EA	Developer	1	\$2,125.00	\$2,125.00
3331.3301 8" Sewer Service EA	Developer	82	\$45,252.50	\$551.86
3331.3302 8" 2-way Cleanout EA	Developer	12	\$9,952.50	\$829.38
3331.3311 4" Sewer Service, Reconnection EA	Combined	56	\$26,685.00	\$476.52

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3331.3312 6" Sewer Service, Reconnection EA	CIP	4	\$2,425.00	\$606.25
3331.3313 8" Sewer Service, Reconnection EA	Developer	5	\$5,600.00	\$1,120.00
3331.3315 6" Sewer Service, Reinstatement EA	CIP	128	\$100,213.00	\$782.91
3331.3401 Ductile Iron Sewer Fittings TON	Developer	1.3	\$4,851.00	\$3,731.54
3331.4101 4" Sewer Pipe LF	Developer	29	\$870.00	\$30.00
3331.4104 4" Sewer Force Main LF	Developer	1675	\$83,750.00	\$50.00
3331.4108 6" Sewer Pipe LF	Developer	547	\$7,408.00	\$13.54
3331.4115 8" Sewer Pipe LF	Combined	379429	\$18,736,283.48	\$49.38
3331.4116 8" Sewer Pipe, CSS Backfill LF	Combined	9963	\$540,704.88	\$54.27
3331.4119 8" DIP Sewer Pipe LF	Combined	18505	\$1,776,252.42	\$95.99
3331.4120 8" DIP Sewer Pipe, CSS Backfill LF	Developer	496	\$45,192.00	\$91.11
3331.4201 10" Sewer Pipe LF	Combined	19627	\$867,634.06	\$44.21
3331.4202 10" Sewer Pipe, CSS Backfill LF	Combined	794	\$62,712.00	\$78.98
3331.4205 10" DIP Sewer LF	Developer	153	\$13,578.00	\$88.75
3331.4206 10" DIP Sewer, CSS Backfill LF	Developer	99	\$5,517.36	\$55.73
3331.4208 12" Sewer Pipe LF	Developer	9208	\$492,286.75	\$53.46
3331.4209 12" Sewer Pipe, CSS Backfill LF	Developer	307	\$22,093.00	\$71.96

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3331.4211 12" Sewer Force Main LF	Developer	13463	\$700,076.00	\$52.00
3331.4212 12" DIP Sewer LF	Combined	1537	\$231,610.00	\$150.69
3331.4215 15" Sewer Pipe LF	Developer	7720	\$421,792.50	\$54.64
3331.4216 15" Sewer Pipe, CSS Backfill LF	Developer	246	\$14,838.00	\$60.32
3331.4222 16" DIP Sewer LF	Developer	1111	\$118,415.00	\$106.58
3331.4225 18" Sewer Pipe LF	Developer	4380	\$496,106.00	\$113.27
3331.4308 21" Sewer Pipe LF	Developer	18	\$2,340.00	\$130.00
3331.4317 24" Sewer Pipe LF	Developer	1013	\$93,196.00	\$92.00
3331.4401 30" Sewer Pipe LF	Developer	4482	\$515,430.00	\$115.00
3331.4414 36" Sewer Pipe LF	Developer	4964	\$719,780.00	\$145.00
3331.5302 8" PVC Sewer Pipe, 0' to 6' (Misc Only), CSS B	Developer	117	\$9,360.00	\$80.00
3331.5303 8" PVC Sewer Pipe, 0' to 6' (Misc Only), Selec	Developer	30	\$1,580.00	\$52.67
3331.5306 8" PVC Sewer Pipe, 6' to 8' (Misc Only), Selec	Developer	721	\$43,845.00	\$60.81
3331.5309 8" PVC Sewer Pipe, 8' to 10' (Misc Only), Sele	Developer	769	\$53,830.00	\$70.00
3331.5748 8" DIP Sewer Pipe, CLSM Backfill LF	CIP	800	\$168,632.00	\$210.79
3331.6103 4" Sewer Air Release Valve & Vault EA	Developer	5	\$92,500.00	\$18,500.00
3339.0001 Epoxy Manhole Liner VF	Combined	5203.48	\$1,081,290.38	\$207.80

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3339.0002 Epoxy Structure Liner SF	Developer	2760	\$41,400.00	\$15.00
3339.0003 Wastewater Access Chamber EA	Combined	57	\$105,000.00	\$1,842.11
3339.1001 4' Manhole EA	Combined	2421	\$9,319,266.23	\$3,849.35
3339.1002 4' Drop Manhole EA	Combined	156	\$682,941.31	\$4,377.83
3339.1003 4' Extra Depth Manhole VF	Combined	6003.07	\$1,175,141.94	\$195.76
3339.1004 4' Shallow Manhole EA	Combined	68	\$271,014.50	\$3,985.51
3339.1005 4' Type A Manhole EA	Developer	7	\$30,800.00	\$4,400.00
3339.1101 5' Manhole EA	Developer	48	\$443,250.00	\$9,234.38
3339.1102 5' Drop Manhole EA	Developer	2	\$19,300.00	\$9,650.00
3339.1103 5' Extra Depth Manhole VF	Developer	628.9	\$181,771.50	\$289.03
3339.1104 5' Shallow Manhole EA	Developer	2	\$7,200.00	\$3,600.00
3339.1201 6' Manhole EA	Developer	4	\$24,600.00	\$6,150.00
3339.1203 6' Extra Depth Manhole VF	CIP	60	\$25,575.00	\$426.25
3341.0101 15" HDPE Pipe LF	Developer	320	\$13,440.00	\$42.00
3341.0103 18" RCP, Class III LF	Combined	947	\$73,586.40	\$77.70
3341.0201 21" RCP, Class III LF	Combined	29101.5	\$1,963,929.21	\$67.49
3341.0202 21" RCP, Class IV LF	Developer	114	\$9,251.00	\$81.15



# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3341.0205 24" RCP, Class III LF	Combined	57492.1	\$3,898,705.01	\$67.81
3341.0206 24" RCP, Class IV LF	Developer	306	\$20,475.00	\$66.91
3341.0207 24" RCP, Class V LF	Developer	80	\$6,160.00	\$77.00
3341.0208 27" RCP, Class III LF	Combined	9710.3	\$817,717.72	\$84.21
3341.0302 30" RCP, Class III LF	Combined	16475	\$1,295,381.91	\$78.63
3341.0303 30" RCP, Class IV LF	Developer	64	\$0.00	\$0.00
3341.0305 33" RCP, Class III LF	Developer	5132	\$465,141.00	\$90.64
3341.0307 33" RCP, Class V LF	Developer	83	\$12,450.00	\$150.00
3341.0309 36" RCP, Class III LF	Combined	24639.03	\$3,167,788.74	\$128.57
3341.0310 36" RCP, Class IV LF	Developer	33	\$3,630.00	\$110.00
3341.0311 36" RCP, Class V LF	Developer	239	\$60,228.00	\$252.00
3341.0312 39" RCP, Class III LF	Developer	2073	\$220,885.00	\$106.55
3341.0402 42" RCP, Class III LF	Combined	12553	\$1,707,847.13	\$136.05
3341.0403 42" RCP, Class IV LF	Developer	575	\$103,500.00	\$180.00
3341.0409 48" RCP, Class III LF	Combined	10692.16	\$2,376,784.20	\$222.29
3341.0410 48" RCP, Class IV LF	Combined	4076	\$1,646,440.00	\$403.94
3341.0411 48" RCP, Class V LF	Developer	263	\$80,134.00	\$304.69

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3341.0502 54" RCP, Class III LF	Combined	6498	\$1,681,187.43	\$258.72
3341.0503 54" RCP, Class IV LF	Developer	186	\$44,268.00	\$238.00
3341.0602 60" RCP, Class III LF	Combined	4109	\$1,045,858.34	\$254.53
3341.0605 66" RCP, Class III LF	Developer	1084	\$325,748.70	\$300.51
3341.0701 72" RCP, Class III LF	Developer	1078	\$339,570.00	\$315.00
3341.1001 3x2 Box Culvert LF	Developer	528	\$87,949.16	\$166.57
3341.1002 3x3 Box Culvert LF	Developer	362	\$75,872.22	\$209.59
3341.1101 4x2 Box Culvert LF	Developer	327	\$65,862.00	\$201.41
3341.1102 4x3 Box Culvert LF	Combined	950	\$377,196.80	\$397.05
3341.1103 4x4 Box Culvert LF	Developer	962	\$230,880.00	\$240.00
3341.1201 5x3 Box Culvert LF	Developer	4083	\$1,002,920.60	\$245.63
3341.1202 5x4 Box Culvert LF	Combined	6390	\$2,521,720.60	\$394.64
3341.1203 5x5 Box Culvert LF	Developer	820	\$220,869.00	\$269.35
3341.1302 6x3 Box Culvert LF	Developer	2725	\$843,537.50	\$309.56
3341.1303 6x4 Box Culvert LF	Developer	661	\$251,558.47	\$380.57
3341.1304 6x5 Box Culvert LF	Developer	1041	\$368,895.60	\$354.37
3341.1401 7x3 Box Culvert LF	Developer	3182	\$1,131,915.00	\$355.72

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3341.1402 7x4 Box Culvert LF	Combined	3721	\$1,819,049.11	\$488.86
3341.1403 7x5 Box Culvert LF	Combined	3062	\$1,350,259.54	\$440.97
3341.1404 7x6 Box Culvert LF	Combined	2765	\$115,183.00	\$41.66
3341.1405 7x7 Box Culvert LF	Combined	1573	\$875,123.00	\$556.34
3341.1501 8x4 Box Culvert LF	Developer	3027	\$1,178,929.60	\$389.47
3341.1502 8x5 Box Culvert LF	Developer	882	\$308,460.00	\$349.73
3341.1603 9x6 Box Culvert LF	Combined	3433	\$2,651,695.00	\$772.41
3341.2001 10x4 Box Culvert LF	Developer	3411	\$964,169.40	\$282.66
3341.2002 10x5 Box Culvert LF	Developer	895	\$556,684.80	\$621.99
3341.2003 10x6 Box Culvert LF	Developer	120	\$46,800.00	\$390.00
3341.2005 10x8 Box Culvert LF	CIP	2496	\$2,991,072.24	\$1,198.35
3341.2201 12x4 Box Culvert LF	Developer	930	\$167,400.00	\$180.00
3341.2207 12x10 Box Culvert LF	CIP	1248	\$1,922,544.00	\$1,540.50
3346.0008 4" Pipe Underdrain, Type 8 LF	CIP	12	\$2,295.00	\$191.25
3349.0001 4' Storm Junction Box EA	Combined	220	\$959,336.81	\$4,360.62
3349.0002 5' Storm Junction Box EA	Combined	91	\$600,050.49	\$6,593.96
3349.0003 6' Storm Junction Box EA	Combined	83	\$706,980.00	\$8,517.83

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3349.0004 7' Storm Junction Box EA	Developer	5	\$38,000.00	\$7,600.00
3349.0005 8' Storm Junction Box EA	Developer	12	\$116,796.50	\$9,733.04
3349.0006 Storm Junction Structure LS	Developer	10	\$108,491.40	\$10,849.14
3349.0102 4' Manhole Riser EA	Combined	47	\$89,120.94	\$1,896.19
3349.0103 5' Manhole Riser EA	Developer	1	\$4,645.74	\$4,645.74
3349.0104 4' Stacked Manhole EA	Combined	33	\$140,600.00	\$4,260.61
3349.0105 5-Sided Manhole EA	Combined	10	\$124,805.88	\$12,480.59
3349.0106 Manhole Steps EA	Developer	32	\$5,376.00	\$168.00
3349.1000 Headwall, Box Culvert CY	Combined	4115.32	\$3,464,873.23	\$841.95
3349.1002 21" Flared Headwall, 1 pipe EA	Developer	4	\$5,266.52	\$1,316.63
3349.1003 24" Flared Headwall, 1 pipe EA	Developer	13	\$30,135.00	\$2,318.08
3349.1005 30" Flared Headwall, 1 pipe EA	Developer	2	\$2,000.00	\$1,000.00
3349.1006 33" Flared Headwall, 1 pipe EA	Developer	2	\$8,600.00	\$4,300.00
3349.1007 36" Flared Headwall, 1 pipe EA	Developer	5	\$20,800.00	\$4,160.00
3349.1009 42" Flared Headwall, 1 pipe EA	Developer	3	\$21,496.85	\$7,165.62
3349.1011 48" Flared Headwall, 1 pipe EA	Developer	2	\$8,800.00	\$4,400.00
3349.1012 54" Flared Headwall, 1 pipe EA	Developer	2	\$22,796.00	\$11,398.00

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3349.1103 24" Flared Headwall, 2 pipes EA	Developer	2	\$23,994.75	\$11,997.38
3349.1207 36" Flared Headwall, 3 pipes EA	Developer	1	\$5,700.00	\$5,700.00
3349.2003 24" Parallel Headwall, 1 pipe EA	CIP	14	\$70,037.80	\$5,002.70
3349.2011 48" Parallel Headwall, 1 pipe EA	CIP	7	\$64,378.10	\$9,196.87
3349.2103 24" Parallel Headwall, 2 pipes EA	Developer	42	\$25,200.00	\$600.00
3349.2111 48" Parallel Headwall, 2 pipes EA	Developer	1	\$15,000.00	\$15,000.00
3349.2214 66" Parallel Headwall, 3 pipes EA	Developer	2	\$60,838.20	\$30,419.10
3349.3001 18" Straight Headwall, 1 pipe EA	Developer	4	\$2,880.00	\$720.00
3349.3002 21" Straight Headwall, 1 pipe EA	Developer	1	\$2,500.00	\$2,500.00
3349.3003 24" Straight Headwall, 1 pipe EA	Developer	2	\$3,770.18	\$1,885.09
3349.3007 36" Straight Headwall, 1 pipe EA	Developer	2	\$6,709.82	\$3,354.91
3349.3011 48" Straight Headwall, 1 pipe EA	Developer	2	\$10,500.00	\$5,250.00
3349.4103 18" SET, 1 pipe EA	Developer	4	\$8,450.00	\$2,112.50
3349.4104 21" SET, 1 pipe EA	Developer	3	\$6,300.00	\$2,100.00
3349.4105 24" SET, 1 pipe EA	Developer	11	\$30,497.00	\$2,772.45
3349.4106 27" SET, 1 pipe EA	Developer	4	\$12,100.00	\$3,025.00
3349.4107 30" SET, 1 pipe EA	Developer	3	\$10,550.00	\$3,516.67

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3349.4109 36" SET, 1 pipe EA	Combined	14	\$55,544.23	\$3,967.45
3349.4111 42" SET, 1 pipe EA	Developer	3	\$15,700.00	\$5,233.33
3349.4113 48" SET, 1 pipe EA	Developer	3	\$9,825.25	\$3,275.08
3349.4114 54" SET, 1 pipe EA	Developer	3	\$19,000.00	\$6,333.33
3349.4115 60" SET, 1 pipe EA	Developer	3	\$24,683.50	\$8,227.83
3349.4206 27" SET, 2 pipes EA	Developer	2	\$7,800.00	\$3,900.00
3349.4209 36" SET, 2 pipes EA	Developer	1	\$6,000.00	\$6,000.00
3349.4305 24" SET, 3 pipes EA	Developer	2	\$8,400.00	\$4,200.00
3349.5001 10' Curb Inlet EA	Combined	710	\$2,714,249.35	\$3,822.89
3349.5002 15' Curb Inlet EA	Developer	232	\$1,102,162.06	\$4,750.70
3349.5003 20' Curb Inlet EA	Combined	151	\$1,237,383.70	\$8,194.59
3349.6001 10' Recessed Inlet EA	Developer	52	\$193,193.00	\$3,715.25
3349.6002 15' Recessed Inlet EA	Developer	19	\$91,831.00	\$4,833.21
3349.6003 20' Recessed Inlet EA	Developer	1	\$6,800.00	\$6,800.00
3349.7001 4' Drop Inlet EA	Combined	52	\$236,571.38	\$4,549.45
3349.7002 5' Drop Inlet EA	Developer	3	\$17,727.00	\$5,909.00
3349.7003 6' Drop Inlet EA	Combined	27	\$231,828.30	\$8,586.23

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3349.8001 10' Type 2 Inlet EA	Developer	1	\$4,680.00	\$4,680.00
3349.8003 20' Type 2 Inlet EA	Combined	9	\$119,699.00	\$13,299.89
3349.9001 2' Grate Inlet EA	Developer	3	\$18,075.00	\$6,025.00
3349.9003 4' Grate Inlet EA	CIP	7	\$52,588.10	\$7,512.59
3441.1001 3-Sect Signal Head Assmbly EA	Developer	19	\$6,954.00	\$366.00
3441.1002 4-Sect Signal Head Assmbly EA	Developer	3	\$3,600.00	\$1,200.00
3441.1011 Ped Signal Head Assmbly EA	Developer	8	\$1,518.00	\$189.75
3441.1021 2" Ped Push BTN Station W/ Sign EA	Developer	8	\$788.00	\$98.50
3441.1215 Furnish/Install Hybrid Detection System APR	Developer	6	\$41,231.00	\$6,871.83
3441.1217 Furnish/Install Hybrid Detection Cable LF	Developer	1076	\$941.40	\$0.87
3441.1220 Furnish/Install Model 711 Preemption Detect	Developer	6	\$7,404.00	\$1,234.00
3441.1224 Furnish/Install Preemption Cable LF	Developer	663	\$274.95	\$0.41
3441.1301 Loop Detector Cable Sawcut LF	CIP	9510	\$103,996.15	\$10.94
3441.1302 14 AWG Loop Detect Cable LF	CIP	8820	\$8,820.00	\$1.00
3441.1310 4/C 14 AWG Multi-Conductor Cable LF	Developer	240	\$304.20	\$1.27
3441.1311 5/C 14 AWG Multi-Conductor Cable LF	Developer	100	\$150.00	\$1.50
3441.1312 7/C 14 AWG Multi-Conductor Cable LF	Developer	120	\$228.00	\$1.90

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3441.1315 20/C 14 AWG Multi-Conductor Cable LF	Developer	630	\$420.00	\$0.67
3441.1317 6/C 16 AWG Multi-Conductor Cable LF	Developer	8136	\$22,736.88	\$2.79
3441.1320 6/C 14 AWG Multi-Conductor Cable LF	Developer	660	\$524.02	\$0.79
3441.1321 9/C 14 AWG Multi-Conductor Cable LF	Developer	275	\$0.00	\$0.00
3441.1322 3/C 14 AWG Multi-Conductor Cable LF	Developer	925	\$282.00	\$0.30
3441.1401 NO 4 Triplex OH insulated Elec Condr LF	Developer	1701	\$1,003.59	\$0.59
3441.1403 NO 6 Triplex OH insulated Elec Condr LF	Developer	1869	\$7,476.00	\$4.00
3441.1405 NO 2 Insulated Elec Condr LF	Developer	2240	\$5,460.00	\$2.44
3441.1407 NO 4 Insulated Elec Condr LF	Developer	1505	\$5,433.05	\$3.61
3441.1408 NO 6 Insulated Elec Condr LF	Developer	111311	\$144,732.38	\$1.30
3441.1409 NO 8 Insulated Elec Condr LF	Developer	7616.12	\$20,050.50	\$2.63
3441.1410 NO 10 Insulated Elec Condr LF	Developer	61312.53	\$90,616.14	\$1.48
3441.1411 NO 12 Insulated Elec Condr LF	Developer	3495	\$6,360.90	\$1.82
3441.1413 NO 6 Bare Elec Condr SLD LF	Developer	20	\$0.00	\$0.00
3441.1414 NO 8 Bare Elec Condr LF	Developer	500	\$0.00	\$0.00
3441.1415 NO 10 Bare Elec Condr LF	Developer	430	\$470.90	\$1.10
3441.1501 Ground Box Type B EA	Developer	96	\$38,508.67	\$401.13



# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3441.1502 Ground Box Type B, w/Apron EA	Developer	323	\$140,690.60	\$435.57
3441.1503 Ground Box Type D, w/Apron EA	Combined	14	\$15,380.00	\$1,098.57
3441.1603 Furnish/Install 10' - 14' Ped Pole Assmbly EA	Developer	21	\$0.00	\$0.00
3441.1613 Furnish/Install Type 43 Signal Pole EA	Developer	1	\$3,758.00	\$3,758.00
3441.1614 Furnish/Install Type 44 Signal Pole EA	Developer	2	\$0.00	\$0.00
3441.1616 Furnish/Install Type 46 Signal Pole EA	Developer	2	\$0.00	\$0.00
3441.1623 Furnish/Install Mast Arm 16' - 36' EA	Developer	9	\$4,672.00	\$519.11
3441.1624 Furnish/Install Mast Arm 40' - 48' EA	Developer	3	\$9,348.00	\$3,116.00
3441.1625 Furnish/Install Mast Arm 52' - 60' EA	Developer	2	\$0.00	\$0.00
3441.1627 Install Mast Arm 40' - 48' EA	Developer	12	\$13,020.00	\$1,085.00
3441.1633 Install Type 33B Arm EA	Developer	25	\$18,100.00	\$724.00
3441.1638 Install Type 33 B Arm EA	Developer	54	\$35,334.00	\$654.33
3441.1641 Furnish/Install Type 22B Arm EA	Developer	19	\$19,000.00	\$1,000.00
3441.1645 Furnish/Install Type 33A Arm EA	Developer	25	\$7,000.00	\$280.00
3441.1646 Furnish/Install Type 33B Arm EA	Developer	67	\$26,205.20	\$391.12
3441.1704 TY 4 Signal Foundation EA	Developer	3	\$2,850.00	\$950.00
3441.1705 TY 5 Signal Foundation EA	Developer	2	\$0.00	\$0.00

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3441.1724 Install Signal Cabinet, Ground MNT EA	Developer	1	\$0.00	\$0.00
3441.1733 Rdwy Illum Foundation TY 11 EA	Developer	18	\$18,000.00	\$1,000.00
3441.1757 Furnish/Install Rdwy Illum Foundation TY 11	Developer	19	\$28,500.00	\$1,500.00
3441.1771 Furnish/Install 120-240 Volt Single Phase Me	Developer	6	\$32,655.07	\$5,442.51
3441.1772 Furnish/Install 240-480 Volt Single Phase Tra	Developer	2	\$15,000.00	\$7,500.00
3441.3001 Rdwy Illum Assmbly TY 1,4, and 6 EA	Developer	226	\$250,664.54	\$1,109.14
3441.3002 Rdwy Illum Assmbly TY 8,11,D-25, and D-30	Developer	558	\$1,027,095.73	\$1,840.67
3441.3003 Rdwy Illum Assmbly TY 18,18A,19, and D-40	Developer	67	\$165,149.00	\$2,464.91
3441.3021 Ornamental Assmbly, Simple EA	Developer	14	\$41,669.60	\$2,976.40
3441.3022 Ornamental Assmbly, Complex EA	Developer	14	\$31,500.00	\$2,250.00
3441.3025 Furnish/Install Berry Pole and Luminaire EA	Developer	11	\$22,000.00	\$2,000.00
3441.3035 Furnish/Install Utility Washington Postlite Ser	Developer	212	\$197,299.94	\$930.66
3441.3037 Furnish/Install 10' - 14' Washington Standard	Developer	40	\$117,534.32	\$2,938.36
3441.3050 Furnish/Install LED Lighting Fixture (70 watt	Developer	165	\$75,481.00	\$457.46
3441.3051 Furnish/Install LED Lighting Fixture (137 watt	Developer	24	\$32,276.76	\$1,344.87
3441.3054 Furnish/Install LED Lighting Fixture Washingt	Developer	8	\$39,657.28	\$4,957.16
3441.3104 150W MH PC Lighting Fixture EA	Developer	30	\$8,550.00	\$285.00

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3441.3110 Install Lighting Fixture EA	Developer	168	\$49,882.00	\$296.92
3441.3201 LED Lighting Fixture EA	Developer	759	\$739,014.44	\$973.67
3441.3301 Rdwy Illum Foundation TY 1,2, and 4 EA	Developer	892	\$919,736.25	\$1,031.09
3441.3302 Rdwy Illum Foundation TY 3,5,6, and 8 EA	Developer	132	\$149,158.00	\$1,129.98
3441.3303 Rdwy Illum Foundation TY 7 EA	Developer	397	\$321,972.93	\$811.01
3441.3312 Contact Enclosure, Pad Mount EA	Developer	2	\$12,150.00	\$6,075.00
3441.3340 Rdwy Illum TY 8 Pole EA	Developer	3	\$14,500.00	\$4,833.33
3441.3341 Rdwy Illum TY 11 Pole EA	Developer	127	\$280,726.00	\$2,210.44
3441.3342 Rdwy Illum TY 18 Pole EA	Developer	29	\$96,560.00	\$3,329.66
3441.3345 Rdwy Illum TY D-25-6 Pole EA	Developer	152	\$173,820.25	\$1,143.55
3441.3347 Rdwy Illum TY D-40-9 Pole EA	Developer	2	\$3,000.00	\$1,500.00
3441.3351 Furnish/Install Rdway Illum TY 11 Pole EA	Developer	81	\$120,340.20	\$1,485.68
3441.3352 Furnish/Install Rdway Illum TY 18 Pole EA	Developer	12	\$22,800.00	\$1,900.00
3441.3401 6-6-6 Triplex Alum Elec Conductor LF	Developer	29050	\$71,932.17	\$2.48
3441.3403 250-250-3/0 Triplex Alum Elec Conductor LF	Developer	2957	\$8,728.30	\$2.95
3441.3404 2-2-2-4 Quadplex Alum Elec Conductor LF	Developer	18347	\$56,971.50	\$3.11
3441.3411 Reconnect Conductor EA	Developer	15	\$22,580.53	\$1,505.37

# City of Fort Worth's Unit Price Index Report

## Effective June 1, 2019

Bid Item	Project Type	Quantity	Extension	Weighted Avg
3441.3501 Salvage Street Light Pole EA	Combined	7	\$6,412.00	\$916.00
3441.3502 Relocate Street Light Pole EA	Combined	39	\$185,120.72	\$4,746.69
3441.4001 Furnish/Install Alum Sign Mast Arm Mount E	Developer	20	\$12,423.76	\$621.19
3441.4002 Furnish/Install Alum Sign Ground Mount TxD	Developer	50	\$14,220.00	\$284.40
3441.4003 Furnish/Install Alum Sign Ground Mount City	Combined	556	\$231,843.04	\$416.98
3441.4004 Furnish/Install Alum Sign Ex. Pole Mount EA	Developer	4	\$1,408.50	\$352.13
3441.4005 Install Alum Sign Mast Arm Mount EA	Developer	7	\$3,354.25	\$479.18
3441.4006 Install Alum Sign Ground Mount EA	Combined	275	\$112,795.00	\$410.16
3441.4007 Install Alum Sign Ex Pole Mount EA	Developer	2	\$60.00	\$30.00
3441.4108 Remove Sign Panel and Post EA	Combined	68	\$11,544.00	\$169.76
3441.4109 Remove Sign Panel EA	Developer	1	\$75.00	\$75.00
3441.4110 Remove and Reinstall Sign Panel and Post EA	Combined	394	\$200,813.95	\$509.68
3471.0001 Traffic Control MO	Combined	837.75	\$3,156,860.57	\$3,768.26
3471.0002 Portable Message Sign WK	Combined	210	\$156,112.00	\$743.39
3471.0003 Traffic Control Details EA	Developer	5	\$5,188.00	\$1,037.60
9999.0000 Non-Standard Item NS	CIP	24448	\$4,245,010.85	\$173.63

**EXHIBIT B**  
**ALTERNATIVE UNIT PRICE METHODS**

**Method 1.** Use previous and/or similar items with similar quantities of City of Fort Worth (CFW) public bid jobs that are within the two years of the proposed project subject to the CFW City Engineer's approval.

**Method 2.** Use other Fort Worth-area metroplex cities' public bid items of the same spec and similar quantities that are within the two years of the proposed project subject to the CFW City Engineer's approval. The Developer or their representative is required to provide this information to the City for review.

**Method 3.** Use an agreed unit price derived from a weighted average formula with a panel of two members from each applicable City department, one contractor and the developer's representative of the proposed project.

- (a) The weighted average formula shall be determined by:
- i. multiplying the unit price for each item in a project by the numbers of unit in the project for that item;
  - ii. adding together the products for each project; and
  - iii. dividing the products by the total number of units for each project.
- (b) An example of the weighted average method.

Unit price per project:	\$10	8	5	4	3	2	1
Multiplied by number of units per project:	2	2	1	10	8	7	68
Product:	20	16	5	40	24	14	68

Products:  $20 + 16 + 5 + 40 + 24 + 14 + 68 = \underline{187}$   
Divided by total units:  $2 + 2 + 1 + 10 + 8 + 7 + 68 = 98$

Weighted Average:  $187 / 98 = \$1.91$

*City of Fort Worth, Texas*  
**Mayor and Council Communication**

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**COUNCIL ACTION: Approved on 5/7/2019 - Ordinance No. 23657-05-2019**

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**DATE:** Tuesday, May 7, 2019

**REFERENCE NO.:** G-19534

**LOG NAME:** 20ORDINANCE FOR UNIT PRICES AND METHODS FOR CITY PARTICIPATION

**SUBJECT:**

Adopt Ordinance Establishing Unit Prices and Methods for Determining City Participation in Community Facilities Agreements and Construction Cost Estimates for Future Improvements Agreements (ALL COUNCIL DISTRICTS)

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**RECOMMENDATION:**

It is recommended that the City Council adopt the attached ordinance establishing unit prices and methods for determining City participation in Community Facilities Agreements and construction cost estimates for Future improvements Agreements.

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**DISCUSSION:**

On March 20, 2001, the City Council adopted Ordinance No. 14552 which established unit prices for City participation in certain Community Facilities Agreements (CFAs) as provided by the Policy for the Installation of Community Facilities (M&C G-13181).

The unit prices for City participation were adopted and updated by the City Council:

- On February 5, 2008, Ordinance No. 17967-02-2008, and again
- On June 22, 2010, Ordinance No. 19192-06-2010.

Subsequently, in March 2012 and in collaboration between Staff and members of the Development Advisory Committee, Staff developed and launched a new software application called BidTool. BidTool allows for implementing, updating and use of unit prices in the interim period, between formal unit price updates by which the City's unit prices could be adjusted on a case-by-case basis. Additionally, and as part of rules governing the implementation and updates, three agreed upon methodologies were developed that averaged unit cost line items captured in three types of public infrastructure projects:

1. City Capital Improvement Program projects,
2. Publicly bid developer let CFA projects with City participation, and
3. Privately priced developer only CFA projects with no City participation.

On July 16, 2013, the City Council adopted Ordinance No. 20798-07-2013 (M&C G-17935) renewing the City's Unit Prices and established three alternative methods for determining unit prices as outlined above.

The unit prices were last updated by Ordinance No. 21210-04-2014 on April 22, 2014. The BidTool software application is out of date and is no longer the application of choice due to the labor intensive time required to update unit prices. Although City staff was able to update unit prices using the BidTool software application, City staff is researching newer technology in software applications that will better facilitate the updating process of capturing and analyzing unit prices.

Staff recommends the adoption of the attached ordinance establishing unit prices and methods for determining City participation in Community Facilities Agreements, and for determining construction cost estimates for Future Improvements Agreements. The ordinance continues to provide three alternative methods for determining unit prices.

Upon adoption, the attached ordinance will be effective on June 1, 2019.

City staff intends to submit updated unit prices to the City Council for approval on an annual basis.

This Ordinance applies to ALL COUNCIL DISTRICTS.

This M&C does not request approval of a contract with a business entity.

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**FISCAL INFORMATION / CERTIFICATION:**

The Director of Finance certifies that this action will have no material effect on City funds.

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**FUND IDENTIFIERS (FIDs):**

**TO**

Fund	Department ID	Account	Project ID	Program	Activity	Budget Year	Reference # (Chartfield 2)	Amount
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**FROM**

Fund	Department ID	Account	Project ID	Program	Activity	Budget Year	Reference # (Chartfield 2)	Amount
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**CERTIFICATIONS:**

**Submitted for City Manager's Office by:**

Susan Alanis (8180)

**Originating Department Head:**

Steve Cooke (5134)

**Additional Information Contact:**

David Magana (6558)

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