

## Independent Cost Estimate (ICE)

### INDEPENDENT COST ESTIMATE SUMMARY FORM

Project Name:	Carrollton Double Crossover
Project Number:	2019-FG-01
Date of Estimate:	12-9-2025
Description of Goods/Services:	Replacement of track and related infrastructure at the Carrollton/Claiborne terminus of the St. Charles Avenue Streetcar to allow for ADA accessibility.

- New Procurement  
 Contract Modification (Change Order – task order for on-call contract)  
 Exercise of Option

#### Method of Obtaining Estimate:

- Published Price List (attach source and date)  
 Historical Pricing (attach copy of documentation from previous PO/Contract)  
 Comparable Purchases by Other Agencies (attach email correspondence)  
 Engineering or Technical Estimate (attach)  
 Independent Third-Party Estimate (attach)  
 Other (specify) **typical market value of A&E contracts in relation to capital costs** \_\_\_\_\_ attach documentation  
 Pre-established pricing resulting from competition (Contract Modification only)

*Attach additional documentation such as previous pricing, documentation, emails, internet screen shots, estimates on letterhead, etc.*

**Summary of Method:** The basis for the estimate is two Opinions of Probable Cost—one that was prepared by the Engineer of Record, Infinity Engineering Consultants. The estimate was completed in November, 2025 based on the 100% construction documents. This Opinion of Probable Cost, excluding a 20% construction contingency, comes to \$3,676,548.

The second Opinion of Probable Cost was prepared by engineering firm Linfield, Hunter, and Junius and was completed in August 2024. That cost estimate came to \$2,789,172. RTA inflated this estimate by 4% to account for construction related inflation from 2024 to 2025. This yields an adjusted total of \$2,900,739.

RTA took the average of these two numbers to arrive at \$3,288,644. Rounding up, we arrive at a total of \$3,300,000.

Through the method(s) stated above, it has been determined the estimated total cost of the goods/services is \$3,300,000

The preceding independent cost estimate was prepared by:

Rafe Rabalais, Director of Capital Projects

\_\_\_\_\_  
*Name*

A handwritten signature in black ink, appearing to read 'Rafe Rabalais', written over a horizontal line.

\_\_\_\_\_  
*Signature*



**Project No. 2019-FG-01 Carrollton Double Crossover Widening**  
**Opinion of Probable Construction Cost**  
**August 30, 2024**

<b>Civil Items</b>					
<b>LINE No.</b>	<b>Item Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Extension</b>
0001	Mobilization and Demobilization	Lump Sum	1	\$350,000.00	\$350,000.00
0002	Maintenance of Traffic	Lump Sum	1	\$25,000.00	\$25,000.00
0003	Removal of Streetcar Stop, Sidewalks & Incidental Pavements	Square Yard	322	\$25.00	\$8,050.00
0004	Removal of Concrete / Asphalt Roadway Pavements	Square Yard	200	\$30.00	\$6,000.00
0005	Removal of Unknown Structures and Obstructions (Regardless of Size and Depth)	Lump Sum	1	\$75,000.00	\$75,000.00
0006	Removal of Existing Rail Ties	Track Foot	582	\$25.00	\$14,550.00
0007	Removal of 12" Perforated Corrugated Polyethylene Tubing and Fittings	Linear Foot	70	\$20.00	\$1,400.00
0008	6" Bature Dirt	CY	147	\$55.00	\$8,085.00
0008	Temporary Erosion Control	Lump Sum	1	\$10,000.00	\$10,000.00
0010	Construction Layout	Lump Sum	1	\$25,000.00	\$25,000.00
0011	Furnish and Install Geogrid	Square Yard	615	\$5.00	\$3,075.00
0012	Furnish and Install Geotextile Fabric	Square Yard	1148	\$3.00	\$3,444.00
0013	Class II Base Course or Subballast (Vehicular Measurement)	Cubic Yard	35	\$120.00	\$4,200.00
0014	Lining, Surfacing and Tamping of Ballasted Track	Lump Sum	1	\$25,000.00	\$25,000.00
0015	No. 4 Ballast	Ton	500	\$105.00	\$52,500.00
0016	Installation of Composite Ties Furnished by RTA	Each	154	\$150.00	\$23,100.00
0017	Installation of New Composite Ties	Each	100	\$270.00	\$27,000.00
0018	Ballasted Track Double Crossover Including Connecting Track Sections	Lump Sum	1	\$215,000.00	\$215,000.00
0019	Modifications to Existing S-Curve Track	Lump Sum	1	\$26,260.00	\$26,260.00
0020	Full Depth Pavement Saw-Cutting	Linear Foot	450	\$5.00	\$2,250.00
0021	9" Portland Cement Concrete Roadway Pavement	Square Yard	200	\$150.00	\$30,000.00
0022	9" Streetcar Station Tacile / Detectable Tiles	Linear Foot	140	\$60.00	\$8,400.00
0023	6" Concrete Streetcar Stop, Sidewalks, and U-Turn Improvements Pavements	Square Yard	500	\$120.00	\$60,000.00
0024	Tree Protection	Linear Foot	600	\$80.00	\$48,000.00
0025	Tree Trimming	Each	6	\$2,000.00	\$12,000.00
0026	Handicap Ramp (ADA) (6" Thick)	Each	1	\$3,000.00	\$3,000.00
0027	Slab Sodding	Square Yard	600	\$15.00	\$9,000.00
0028	Hydro-Seeding	Acre	0.15	\$5,000.00	\$750.00
0029	4" PVC Drain Line including Fittings	Linear Foot	70	\$50.00	\$3,500.00
0030	6" PVC Drain Line including Fittings	Linear Foot	110	\$90.00	\$9,900.00
0031	Install 12" Perforated Corrugated Polyethylene Tubing and Fittings	Linear Foot	70	\$120.00	\$8,400.00
0032	Installation of Bumper Post Furnished by RTA	Each	2	\$10,000.00	\$20,000.00
0033	Traffic Maintenance Aggregate (Vehicular Measurement)	Cubic Yard	65	\$90.00	\$5,850.00
0034	OCS Foundation (3" Diameter)	Each	5	\$54,000.00	\$270,000.00
0035	Painting of New and Existing OCS Poles (8" & 10" Diameter), Cantilever Arms, Brackets and Braces	Each	12	\$3,000.00	\$36,000.00
<b>Subtotal:</b>					<b>\$1,429,714.00</b>

<b>Electrical Items</b>					
<b>LINE No.</b>	<b>Item Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Extension</b>
0101	Disconnection and Removal of OCS Pole.	Each	4	\$1,780.00	\$7,120.00
0102	Reinstallation of Existing OCS Pole.	Each	3	\$2,650.00	\$7,950.00
0103	Disconnection and Removal of OCS Pole Cantilever Arms	Each	10	\$1,780.00	\$17,800.00
0104	OCS Trolley Wire Disconnection and Removal from Cantilever Arms/Poles	Each	19	\$1,780.00	\$33,820.00
0105	4/0 Trolley Wire	Linear Foot	5000	\$15.50	\$77,500.00
0106	New OCS Pole	Each	2	\$19,600.00	\$39,200.00
0107	TA-1 Cross-Span	Each	1	\$3,214.00	\$3,214.00
0108	TA-1J Cross-Span Connections	Each	1	\$3,222.00	\$3,222.00
0109	TA-1H Cross-Span Connections	Each	1	\$3,154.00	\$3,154.00
0110	TA-4A Cantilever Connections	Each	2	\$5,084.00	\$10,168.00
0111	TA-5 Thru TA-5C Crossover Connections	Each	4	\$3,100.00	\$12,400.00
0112	TA-5D and TA-5E Crossover Connections	Each	1	\$3,100.00	\$3,100.00
0113	TA-6 Guy	Each	4	\$3,858.00	\$15,460.00
0114	TA-6A Guy	Each	2	\$3,858.00	\$7,716.00
0115	TA-7 and TA-7A Guy	Each	1	\$2,350.00	\$2,350.00
0116	TA-8 Backbone	Each	2	\$3,218.00	\$6,436.00
0117	TA-12 Surge Arrestor Arrangement	Each	18	\$4,363.00	\$78,534.00
0118	TA-16 Cross-Span	Each	1	\$3,158.00	\$3,158.00
0119	TA-17 Line Taps	Each	5	\$3,420.00	\$17,100.00
0120	TA-17A and 17B Line Taps	Each	6	\$3,420.00	\$20,520.00
0121	TA-18 Wire Terminations	Each	6	\$3,162.00	\$18,972.00
0122	TA-18A Wire Terminations	Each	2	\$3,162.00	\$6,324.00
0123	Trolley Pole Grounding	Each	5	\$308.00	\$1,540.00
0124	500 KCMIL Cable and Bonds	Each	152	\$160.00	\$24,320.00
0125	3#6 Signal Wire	Linear Foot	80	\$14.85	\$1,188.00
0126	3#10 Power Conductors and Conduit	Linear Foot	70	\$13.50	\$945.00
0127	Trolley Contactor	Each	1	\$25,000.00	\$25,000.00
0128	Controller #1	Each	1	\$218,250.00	\$218,250.00
0129	Controller #2	Each	1	\$218,250.00	\$218,250.00
0130	Lightning Arrestors at Controllers	Each	3	\$850.00	\$2,550.00
0131	Controller Utility Power (20A Circuit)	Linear Foot	120	\$7.50	\$900.00
0132	#14 Twister Pair and Conduit	Linear Foot	50	\$9.90	\$495.00
0133	6#14 Signal Wire and Conduit	Linear Foot	200	\$29.70	\$5,940.00
<b>Subtotal:</b>					<b>\$894,596.00</b>
Specialized Equipment, Material Transportation & Complexity Factor (20%)					<b>\$464,862.00</b>
<b>Total:</b>					<b>\$2,789,172.00</b>