

MEMORANDUM

DATE: February 20, 2026

TO: Engineering Services staff and consultants

FROM: General Services – Project Controls and Compliance Division Manager, Becky Chambers, PE

SUBJECT: Construction Costs – Unit Price Updates

The purpose of this memorandum is to inform Engineering Services staff and consultants of the most recent construction costs General Services has seen in our recent bids.

The following items are included in this file to assist in preparing Engineering Services cost estimates:

1. This memorandum
2. Recommended Unit Price Update February 2026
 - a. These are the recommended unit price ranges based on quantities provided from recent bids.
 - b. If you have information (i.e., from supplier) regarding higher or lower unit prices, please share with me at becky.chambers@charlottenc.gov so list can be updated.
3. Informal Unit Price Recommendations February 2026
 - a. Use for projects with a construction cost of less than \$500k

Note: Public bid tabs will be available following City Council approval of the construction contracts for projects here: [City of Charlotte \(bonfirehub.com\)](http://CityofCharlotte.bonfirehub.com)

General Services will continue to monitor bid prices and project cost estimates closely.

Recommended Unit Price Update

February 2026

updates from February 2025 are shown in *red*

CIC	Section	Item Description	low quantity	high quantity	Unit	Recommended low quantity Unit Price	Recommended high quantity Unit Price	Notes
80135.000	SP	Select Material	100	9500	TN	\$ 60.00	\$ 45.00	
80136.000	SP	Rock Removal	50	500	CY	\$ 300.00	\$ 300.00	
10226.101	226	Undercut Excavation	50	1850	CY	\$ 100.00	\$ 60.00	
10270.000	270	Geotextile for Soil Stabilization	500	5100	SY	\$ 8.00	\$ 5.00	
10300.000	300	Foundation Conditioning Material, Minor Structures	50	650	TN	\$ 75.00	\$ 70.00	
10300.100	300	Foundation Conditioning Geotextile	50	2050	SY	\$ 10.00	\$ 5.00	
10310.003	310	15" R.C. Pipe Culverts, Class III	56	500	LF	\$ 134.00	\$ 120.00	
10310.004	310	15" R.C. Pipe Culverts, Class IV	40	2650	LF	\$ 145.00	\$ 125.00	
10310.006	310	18" R.C. Pipe Culverts, Class III	16	1000	LF	\$ 152.00	\$ 135.00	
10310.007	310	18" R.C. Pipe Culverts, Class IV	200	600	LF	\$ 155.00	\$ 140.00	
10310.009	310	24" R.C. Pipe Culverts, Class III	200	600	LF	\$ 200.00	\$ 180.00	
10310.010	310	24" R.C. Pipe Culverts, Class IV	80	550	LF	\$ 220.00	\$ 190.00	
10310.012	310	30" R.C. Pipe Culverts, Class III	120	450	LF	\$ 225.00	\$ 215.00	
10310.015	310	36" R.C. Pipe Culverts, Class III		780	LF		\$ 250.00	
10310.016	310	36" R.C. Pipe Culverts, Class IV			LF		\$ 300.00	
10310.022	310	48" R.C. Pipe Culverts, Class IV			LF	\$ 415.00		
10310.078	310	15" R.C. Flared End Section (CLDS 20.22)			EA	\$ 2,000.00		
10310.079	310	18" R.C. Flared End Section (CLDS 20.22)			EA	\$ 2,400.00		
10310.080	310	24" R.C. Flared End Section (CLDS 20.22)			EA	\$ 2,900.00		
10310.091	310	36" R.C. Flared End Section (CLDS 20.22)			EA	\$ 4,700.00		
81349.000	SP	15 – Inch Cured-In-Place Pipe (CIPP) Lining	52		LF	\$ 525.00		
10520.000	520	Aggregate Base Course	15	2800	TN	\$ 75.00	\$ 60.00	
10607.059	607	Milling Asphalt Pavement, 0.0" to 3.0"	1700	7600	SY	\$ 12.00	\$ 10.00	
10610.051	610	Asphalt Concrete Base Course, Type B 25.0C	80	2500	TN	\$ 220.00	\$ 140.00	
10610.201	610	Asphalt Concrete Intermediate Course, Type I 19.0C	60	2900	TN	\$ 220.00	\$ 140.00	
10610.451	610	Asphalt Concrete Surface Course, Type S 9.5C	80	3700	TN	\$ 220.00	\$ 120.00	
10620.000	620	Asphalt Binder for Plant Mix			TN	\$ 700.00	\$ 700.00	
10654.000	654	Asphalt Plant Mix, Pavement Repair	15	1900	TN	\$ 335.00	\$ 250.00	
10840.022	840	Masonry Drainage Structures			EA	\$ 5,000.00		
10840.101	840	Masonry Drainage Structures			LF	\$ 870.00		
10840.355	840	Frame with Grate (all types)			EA	\$ 1,200.00		
10840.053	840	Manhole Frame and Cover, NCDOT Std 840.54			EA	\$ 1,000.00		
10846.000	846	6"x18" Concrete Curb	50	450	LF	\$ 45.00	\$ 38.00	
10846.051	846	1' 6" Concrete Curb and Gutter			LF	\$ 45.00	\$ 38.00	
10846.052	846	2' 6" Concrete Curb and Gutter	400	9500	LF	\$ 45.00	\$ 38.00	
10848.000	848	4" Concrete Sidewalk or pad	575	6600	SY	\$ 80.00	\$ 65.00	
81855.000	SP	6" Concrete SUP	900	1800	SY	\$ 100.00	\$ 85.00	
81840.000	SP	6" Concrete Greenway (fiber reinforced)			SY	\$ 110.00		
10848.051	848	6" Concrete Driveways	500	1350	SY	\$ 110.00	\$ 105.00	
81062.000	SP	Pedestrian Refuge Island (Pass-Thru)	40		SY	\$ 150.00		
80218.000	SP	6" Concrete Wheelchair Ramps	30	250	SY	\$ 250.00	\$ 200.00	
10852.001	852	5" Monolithic Concrete Islands	50	300	SY	\$ 150.00	\$ 130.00	
10876.503	876	Geotextile for Drainage	350	3900	SY	\$ 5.00	\$ 5.00	
10876.002	876	Riprap (Class A, Class B, Class I & Class II)	200	3000	TN	\$ 85.00	\$ 80.00	
81463.000	SP	Wall, MSE		9870	SF		\$ 150.00	very project specific, particularly regarding wall height
10453.000	453	Wall, Gravity Retaining	470		SF	\$ 255.00		very project specific, particularly regarding wall height
81006.000	SP	Wall, Precast Modular Block Retaining	100	2500	SF	\$ 200.00	\$ 55.00	very project specific, particularly regarding wall height
80199.001	SP	Fence, 4' chain link	100		LF	\$ 40.00		
81017.000	SP	Fence, 6' chain link	400		LF	\$ 40.00		
81018.000	SP	Fence, 6' chain link w/vinyl coating	560		LF	\$ 30.00		
80006.021	SP	Bollards, wood	6		EA	\$ 950.00		
80006.000	SP	Bollards, pipe	6		EA	\$ 1,150.00		
80010.000	SP	Safety Rail, Metal CLDS 50.04	30	400	LF	\$ 150.00	\$ 90.00	
10901.002	901	Contractor Furnished, Type E Sign			SF	\$ 40.00		
10903.001	903	Supports, 3-lb (4.5 kg) Steel U-Channel			LF	\$ 30.00		
10904.101	904	Sign Erection, Type E			EA	\$ 160.00		
11205.052	1205	Thermoplastic Pavement Marking Lines, 4", 90 mils or 120 mils	90	3000	LF	\$ 5.00	\$ 2.00	
11205.039	1205	Thermoplastic Pavement Marking Lines, 6", 90 mils or 120 mils		2000	LF		\$ 3.00	
11205.026	1205	Thermoplastic Pavement Marking Lines, 8", 90 mils or 120 mils	320	1000	LF	\$ 9.00	\$ 5.00	
11205.036	1205	Thermoplastic Pavement Marking Lines, 12", 90 mils or 120 mils	240	1100	LF	\$ 14.00	\$ 8.00	
11205.082	1205	Thermoplastic Pavement Marking Lines, 24", 90 mils or 120 mils			LF	\$ 30.00	\$ 20.00	quantity based on total pavement markings
11205.181	1205	Thermoplastic Pavement Marking Symbols, 90 mils			EA	\$ 350.00	\$ 200.00	quantity based on total pavement markings
11251.051	1251	Permanent Raised Pavement Markers	40		EA	\$ 20.00		
81874.000	SP	Green Thermoplastic		1230	SF		\$ 20.00	
81548.000	SP	Reflective Paddles	20		EA	\$ 150.00		

CIC	Section	Item Description	low quantity	high quantity	Unit	Recommended low quantity Unit Price	Recommended high quantity Unit Price	Notes
11705.000	1705	Signal Cable (16 AWG - 4 Conductor)	195		LF	\$ 5.00		
11705.001	1705	Signal Cable (16 AWG - 7 Conductor)	6150		LF	\$ 5.00		
11710.000	1710	Messenger Cable (3/8" Galvanized)	1500		LF	\$ 6.00		
11715.000	1715	Tracer Wire	1450		LF	\$ 1.50		
11715.004	1715	Unpaved Trenching (2-2" SCH80)	600	1400	LF	\$ 30.00	\$ 22.00	
11715.007	1715	Unpaved Trenching (5-2" SCH80)	45		LF	\$ 40.00		
11715.008	1715	Unpaved Trenching (6-2" SCH80)	55		LF	\$ 50.00		
11715.015	1715	Paved Trenching (2-2" SCH80)	140		LF	\$ 80.00		
82041.000	SP	Junction Box (13"x24"x12" PC, TRAFFIC SIGNAL logo)	20		EA	\$ 1,250.00		
82042.000	SP	Junction Box (24"x36"x24" PC, TRAFFIC SIGNAL logo)	3		EA	\$ 2,250.00		
82051.000	SP	Junction Box (24"x36"x30" PC, CDOT FIBER OPTIC LOGO)	3		EA	\$ 2,400.00		
11725.002	1725	Inductive Loop Sawcut		2750	LF		\$ 22.00	
82052.000	SP	Type 1 Lead in Cable (two pair) Modified 1726		12435	LF		\$ 4.00	
11745.001	1745	Signs for Signals	19		EA	\$ 1,000.00		
81783.000	SP	10 foot Metal Base/Pole/Cap for Pedestrian Signal	15		EA	\$ 1,800.00		
81782.000	SP	Concrete Foundation for 10 foot Metal Base/Pole/Cap for Pedestrian Signal	15		EA	\$ 2,000.00		
81781.000	SP	15 foot Metal Base/Pole/Cap for Pedestrian Signal	2		EA	\$ 2,400.00		
81780.000	SP	Concrete Foundation for 15 foot Metal Base/Pole/Cap for Pedestrian Signal	2		EA	\$ 2,000.00		
81980.000	SP	Supply/Install APS Pedestrian Pushbutton Detector	22		EA	\$ 2,000.00		
81859.000	SP	Combination Meter Pedestal and Grounding Grid	3		EA	\$ 5,000.00		
82060.000	SP	Supply, Install, & Activate Controller Cabinet	3		EA	\$ 44,000.00		
81934.000	SP	Concrete Base for Controller Cabinet	3		EA	\$ 5,000.00		
81980.000	SP	Supply/Install APS Pedestrian Pushbutton Detector	22		EA	\$ 2,000.00		
81790.000	SP	Vehicle Signal Head (Polycarbonate, 12", 3-section HAWK)	4		EA	\$ 1,500.00		
81767.000	SP	Vehicle Signal Head (Polycarbonate, 12", 3-section)	10		EA	\$ 1,500.00		
81768.000	SP	Vehicle Signal Head (Polycarbonate, 12", 4-section)	2		EA	\$ 1,750.00		
81792.000	SP	Vehicle Signal Head (Polycarbonate, 12", 4-section FYA)	5		EA	\$ 1,750.00		
81778.000	SP	3 Section 12" Signal Head Cover	14		EA	\$ 350.00		
81777.000	SP	4 Section 12" Signal Head Cover	7		EA	\$ 350.00		
81775.000	SP	Pedestrian Signal Cover	22		EA	\$ 350.00		
81786.000	SP	16" Pedestrian Signal Head	24		EA	\$ 1,250.00		
81788.000	SP	Riser Assembly (2" Sch. 80 PVC)	36		EA	\$ 1,000.00		
81787.000	SP	Standoff Bracket Assembly	3		EA	\$ 1,150.00		
20017.000	SPU	Fire Hydrant			EA	\$ 10,000.00		
20000.002	SPU	Relocate Fire Hydrant			EA	\$ 9,000.00		
20154.000	SPU	Foundation Conditioning Material for Utilities			TN	\$ 80.00		
20006.001	SPU	Select Backfill Material for Utilities			TN	\$ 60.00		
20021.000	SPU	Relocate Existing Water Meter and Meter Box			EA	\$ 2,000.00		
20002.000	SPU	Adjust Existing Water Valve			EA	\$ 500.00		
20001.000	SPU	Adjust Existing Water Meter and Meter Box			EA	\$ 500.00		
20022.000	SPU	Adjust Existing Water Vault			EA	\$ 1,500.00		
21049.000	SPU	Adjust Existing Sanitary Sewer Manhole			EA	\$ 1,000.00		
20000.108	SPU	6" DIP Restrained Joint Water Pipe, PC 350			LF	\$ 165.00		
21004.000	SPU	8" DIP Restrained Joint Water Pipe, PC 350			LF	\$ 200.00		
21041.000	SPU	12" DIP Restrained Joint Water Pipe, PC 350			LF	\$ 300.00		
21251.000	SPU	16" DIP Restrained Joint Water Pipe, PC 350			LF	\$ 350.00		
21229.000	SPU	DI Restrained Joint Water Pipe Fittings	330	2750	LB	\$ 20.00	\$ 10.00	
21011.000	SPU	Concrete Thrust Blocking			EA	\$ 1,500.00		
21145.000	SPU	6" Line Stop	1	12	EA	\$ 11,000.00	\$ 8,500.00	
21081.000	SPU	4" Gate Valve and Valve Box	4		EA	\$ 2,500.00		
21005.000	SPU	6" Gate Valve and Valve Box	4		EA	\$ 3,500.00		
21014.000	SPU	8" Gate Valve and Valve Box	4		EA	\$ 4,250.00		
21083.000	SPU	12" Gate Valve and Valve Box	4		EA	\$ 6,500.00		
21122.000	SPU	16" Steel Encasement Pipe, 0.250" Thick, By Open Cut	175		LF	\$ 250.00		
21078.000	SPU	3/4" Copper Water Tubing, Type K			LF	\$ 85.00		
21079.000	SPU	1" Copper Water Tubing, Type K			LF	\$ 120.00		
21218.000	SPU	1-1/2" Copper Water Tubing, Type K			LF	\$ 150.00		
21197.000	SPU	2" Copper Water Tubing, Type K			LF	\$ 200.00		
21140.000	SPU	8" DI Sewer Pipe, PC 350	415		LF	\$ 175.00		
21009.000	SPU	4' Dia Precast Conc Manhole, 0-6' Depth	2		EA	\$ 8,000.00		

Informal Unit Price Recommendations

February 2026

<i>CIC</i>	<i>Section</i>	<i>Item Description</i>	<i>Unit</i>	<i>Unit Price</i>
	SP	Select Material	TN	\$ 200.00
10226.101	226	Undercut Excavation	CY	\$ 100.00
10607.059	607	Miling, Asphalt Pavement, 0.0" to 3.0"	SY	\$ 50.00
10610.051	610	Asphalt Concrete Base Course, Type B 25.0C	TN	\$ 300.00
10610.201	610	Asphalt Concrete Intermediate Course, Type I 19.0C	TN	\$ 300.00
10610.451	610	Asphalt Concrete Surface Course, Type S 9.5C	TN	\$ 300.00
10620.000	620	Asphalt Binder for Plant Mix	TN	\$ 900.00
10846.000	846	6" X 18" Concrete Curb	LF	\$ 60.00
10846.052	846	2' 6" Concrete Curb and Gutter	LF	\$ 80.00
10848.000	848	4" Concrete Sidewalk or pad	SY	\$ 100.00
10848.051	848	6" Concrete Sidewalk or Pad or SUP	SY	\$ 120.00
	SP	6" Reinforced Concrete Sidewalk	SY	\$ 150.00
	SP	6" Concrete Driveways	SY	\$ 150.00
80218.000	SP	6" Concrete Wheelchair Ramps	SY	\$ 300.00
81062.000	SP	Pedestrian Refuge Island (Pass-Thru)	SY	\$ 200.00
10852.001	852	5" Monolithic Concrete Islands	SY	\$ 150.00
10901.002	901	Contractor Furnished, Type E Sign	SF	\$ 100.00
10903.101	903	Supports, 3-lb Steel U-Channel	LF	\$ 50.00
10904.101	904	Sign Erection, Type E	EA	\$ 200.00
10858.101	858	Adjustment of Manholes	EA	\$ 1,250.00
10858.151	858	Adjustment of Meter Boxes or Valve Boxes	EA	\$ 750.00
11205.052	1205	Thermoplastic Pavement Marking Lines, 4", 90 mils	LF	\$ 12.00
11205.026	1205	Thermoplastic Pavement Marking Lines, 8", 90 mils	LF	\$ 25.00
11205.082	1205	Thermoplastic Pavement Marking Lines, 24", 90 mils	LF	\$ 50.00