

Robbins - Downtown Streetscape (PRELIMINARY Cost Estimate)

Item No.	Quantity	Unit	Unit Price	Subtotal	Description	
A	Start-up and Site Work					
1.	Mobilization	1	lump sum	\$50,000.00	\$50,000.00	
2.	Maintanance of traffic work zones	1	lump sum	\$30,000.00	\$30,000.00	
3.	Curb and gutter demolition	6,000	In ft	\$8.00	\$48,000.00	
4.	Asphalt demolition	1,500	sq yd	\$28.00	\$42,000.00	removal of asphalt & base to widen sidewalks
5.	Concrete demolition	6,000	sq yd	\$14.00	\$84,000.00	walks, ramps, plaza areas
6.	Curb inlet Demolition	22	each	\$2,000.00	\$44,000.00	
7.	Structural Soil and Backfill	9,000	cu ft	\$16.00	\$144,000.00	Includes structural soil for street trees and raised planting beds
8.	Soil Excavation and removal	1,500	cu yd	\$150.00	\$225,000.00	removal to be replaced with structural soil
	Subtotal			\$667,000.00		
B	Utilities Allowance					
1.	Water Service	1	allowance	\$15,000.00	\$15,000.00	meter adjustments, hydrant relocation
2.	Sewer Service	1	allowance	\$10,000.00	\$10,000.00	cleanout adjustments
3.	Power Line Relocation	1	lump sum	\$300,000.00	\$300,000.00	for power line relocation
4.	Electrical	1	lump sum	\$50,000.00	\$50,000.00	relocation / rediection of service connections
	Subtotal			\$375,000.00		
C	Roadway Improvements					
1.	Asphalt Milling and Resurfacing	10,000	sq yd	\$22.50	\$225,000.00	
2.	Curb Inlets	32	each	\$4,500.00	\$144,000.00	
3.	Stormwater Pipe Extensions	660	In ft	\$30.00	\$19,800.00	12" hdpe, 10 feet average
	Subtotal			\$388,800.00		
D	Hardscape					
1.	Concrete Sidewalk	8,400	sq yd	\$40.00	\$336,000.00	4" depth, gray
2.	Pedestrian Pavers	0	sq ft	\$15.00	\$0.00	concrete paver, concrete base, sand set, color tbd
3.	Brick Crosswalk / Vehicular Brick	6,100	sq ft	\$20.00	\$122,000.00	concrete paver, concrete base, sand set, color tbd
4.	Brick Steps & Planters	1,500	sq ft	\$20.00	\$30,000.00	
5.	Curb and Gutter	6,000	In ft	\$24.00	\$144,000.00	NCDOT 2'-6"
6.	Handicap Ramps	50	each	\$4,000.00	\$200,000.00	
7.	Concrete Bands	0	sq yd	\$35.00	\$0.00	Includes crosswalk edges and transition ramps

8.	Roadway Asphalt	1,200	sq yd	\$42.00	\$50,400.00	Lassiter St. parking areas, Church & Woodall Streets
9.	Dumpster & Utility Screening	1	allowance	\$50,000.00	\$50,000.00	enclosure, screen walls
10.	Site furnishings	1	allowance	\$30,000.00	\$30,000.00	benches, trash / recycling receptacles, bike racks
11.	Light Poles	30	each	\$2500.00	\$75,000.00	leased from Duke Energy
12.	Signal Poles	4	each	\$15,000.00	\$60,000.00	
13.	Signage & Wayfinding	1	allowance	\$22,500.00	\$22,500.00	regulatory & directional
14.	Metal Handrail	80	In ft	\$80.00	\$6,400.00	
15.	Intersection Graphic	1	allowance	\$15,000.00	\$15,000.00	Approx. 400 SF in size (\$25 / SF?)
	Subtotal				\$1,141,300.00	
E.	Landscape and Irrigation					
1.	Street Trees	45	each	\$1,300.00	\$58,500.00	3-4 inch caliper, 14-16 ft height
2.	Ornamental Trees	15	each	\$800.00	\$12,000.00	2 inch caliper, 10-14 ft height
3.	Ground Cover	7,500	sq ft	\$5.00	\$37,500.00	
4.	Irrigation system and controls	1	lump sum	\$40,000.00	\$40,000.00	main line, tap, meter,controller, drip emitters
	Subtotal				\$148,000.00	
	Subtotal				\$2,720,100.00	
	Contingency (20%)				\$602,695.00	
	Design and Permitting (12%)				\$361,617.00	
	GC Overhead, Profit & Insurance				\$361,617.00	
	Downtown Streetscape Total				\$4,046,029.00	