

The hospitality sector has shown strong growth as a key part of mixed-use developments including luxury residential and retail spaces on street level.

Among an array of major projects are the USD55.4bn Long Island Sound Tunnel, continuation of the USD14.2bn Second Avenue Subway Project and the USD13bn Gateway Tunnel, the USD10.2bn Eastside Access Project that is currently underway and the

USD10bn JFK International Airport Expansion is set to begin in 2020.

There is a strong emerging trend in the multi-family housing market where it's replacing the saturated luxury market in volume terms.

In Atlanta, construction is underway on the USD2bn Switch Data Center Campus in Lithia Springs, and the USD2bn Assembly Yards Mixed-Use Development in Doraville.

Future outlook

Steady activity is forecast for the infrastructure and transport sector, with spending at all major airports and upgrades in rail and road networks.

Education is drawing ever greater attention where prospects for construction are rising.

USA (New York City) international building costs	New York City		Atlanta	
	(m ²)	USD (ft ²)	(m ²)	USD (ft ²)
Composite trade rates				
Excavate basement (m ³) (1800m ³ job)	40	1	14	1
Excavate footings (m)	40	12	19	6
Concrete in slab (m ³) (1500m ³ job)	330	9	306	9
Reinforcement in beams (tonne)	2,130	1,936	1,769	1,609
Formwork to soffit of slab (m ²)	95	9	64	6
Blockwork in wall (m ²) (10,000 block job)	270	25	112	10
Structural steel beams (tonne)	6,600	6,000	5,673	5,157
Pre-cast concrete wall (m ²)	290	27	284	26
Curtain wall glazing incl support system (m ²) (1000m ² job)	1,930	179	1,169	109
Plasterboard 13mm thick to stud wall (m ²) (3000m ² job)	95	9	67	6
Single solid core door incl frame and hardware (no) (50 door job)	2,410	2,410	1,285	1,285
Painting to walls primer + 2 coats (m ²)	22	2	17	2
Ceramic tiling (m ²) (1000m ² job)	175	16	108	10
Vinyl flooring to wet areas (m ²) (500m ² job)	105	10	69	6
Carpet medium tufted (m ²) (4500m ² job)	70	7	64	6
Lighting installation (m ²) (5000m ² + job)	165	15	164	15
Copper pipe 15mm to wall (m) (1000m + job)	60	18	52	16
Fire sprinklers (per m ²) (5000m ² job)	60	6	37	3
Air conditioning incl main plant (m ²) (5000m ² + job)	495	46	311	29
Labour costs, per hour				
Group 1 Tradesman eg plumber, electrician	129	129	72	72
Group 2 Tradesman eg carpenter, bricklayer	100	100	63	63
Group 3 Tradesman eg carpet layer, tiler, plasterer	88	88	51	51
General labourer	88	88	45	45
Site foreman	150	150	101	101
Material costs				
Concrete 30 MPa (m ³) (1500m ³ job)	160	4	156	5
Reinforcement bar 16mm (tonne) (120 tonne job)	1,165	1,059	1,111	1,010
Concrete block (400x200) per 1000 (>10,000 block job)	1,370	1,370	1,158	1,158
Standard brick per 1000	595	595	509	509
Structural steel beams (tonne) (100 tonne + job)	2,890	2,627	2,269	2,063
Glass pane 10mm tempered (m ²)	258	24	266	25
Softwood timber for framing 100mm X 50mm (m)	5	2	6	2
13 mm plasterboard (m ²)	12	1	11	1
Emulsion paint (litre)	7	27	7	26
Copper pipe 15 mm (metre) (1000m + job)	13	4	15	4
Copper cable (metre) (3C + E, 2.5mm PVC) (100,000m + job)	6	2	7	2
Plant costs				
Hire 50t mobile crane + operator (day)	3,860	3,860	2,279	2,279
	New York City		Atlanta	
Tendering:	Warm		Warm	
Market:	Staying the same		Staying the same	
Cost escalation 2018:	3.5%		3.1%	
Cost escalation 2019:	3.0%		4.2%	
Contractor's margin:	7.0%		5.2%	
Preliminaries:	13.0%		11.0%	
Location factor (USD):	144.9		102.6	
PPP coefficient:	2.2		1.6	