

Central Florida Commuter Rail Transit Station Development - Construction Estimate

FTA CODE	DESCRIPTION	UOM	UNIT PRICE	Winter Park/Park Avenue Station (Suburban)	Winter Park/Park Avenue Station (Suburban)
STATION ELEMENTS				Quantities	Costs
Platform Facilities		SF		4,410	\$ 1,198,133
20.01	Concrete Platform	CY	\$ 350	144	\$ 50,400
20.01	Concrete infill for platform - gray w/pattern	SF	\$ 8	0	\$ -
20.01	Concrete infill for platform - colored	SF	\$ 12	0	\$ -
20.01	Platform pavers: Tremron "Oak Run", Pine Hall "Old Town", Holland Stone or Lawrenceville Brick	SF	\$ 11	0	\$ -
20.01	Platform pavers - Tremron Park Plaza	SF	\$ 13	0	\$ -
20.01	Platform pavers - match existing at Amtrak	SF	\$ 15	18,941	\$ 286,009
20.01	Tactile warning strip	SF	\$ 33	5,248	\$ 170,560
20.01	Fabricate and install canopy: painted steel canopy, corrugated colored roof; integral gutter	LF	\$ -	234	\$ 327,600
20.01	Canopy: painting, gutters and roofing	LS	\$ -	0	\$ 185,164
20.01	Seating Benches - 2 seats - Dumor	EA	\$ 800	0	\$ -
20.01	Seating Benches - 4 seats - Dumor	EA	\$ 1,700	15	\$ 25,500
20.01	Seating Benches - 2 seats Landscapeforms	EA	\$ 1,500	0	\$ -
20.01	Seating Benches - 4 seats - Landscapeforms	EA	\$ 2,800	0	\$ -
20.01	Seating Benches - 2 seats Savannah	EA	\$ 1,100	0	\$ -
20.01	Seating Benches - 4 seats - Savannah	EA	\$ 2,900	0	\$ -
20.01	Trash Receptacles	EA	\$ 500	0	\$ -
20.01	Trash Receptacles - Landscapeforms	EA	\$ 1,240	0	\$ -
20.01	Trash Receptacles - Landscapeforms	EA	\$ 1,405	0	\$ -
20.01	Trash Receptacles - Dumor	EA	\$ 1,960	6	\$ 11,760
20.01	Trash Receptacles - Savannah	EA	\$ 2,455	0	\$ -
20.01	Decorative handrail	LF	\$ 97	121	\$ 11,737
20.01	Art in Transit	LS	\$ -	0	\$ 6,110
20.01	Platform lighting	LS	\$ -	1	\$ 123,293
Plumbing Facilities					\$ 5,860
20.01	Water Fountain; bi-level wall hung ADA cooler, feed, drain	EA	\$ 1,330	2	\$ 2,660
20.01	Storm pipe leader	EA	\$ 610	0	\$ -
20.01	Storm pipe leader	EA	\$ -	0	\$ -
20.01	Hose bib, incl feed and valves	EA	\$ 800	4	\$ 3,200
SIGNAGE - PLATFORM					\$ 102,900
20.01	Signage - see detailed 60% estimate	LS	\$ -	27	\$ 102,900
	Contingency			20%	
	Notes:				
	1 Base Signage amount excludes parking				
	2 Base includes Type "B" canopy and platform				
SIGNAGE - PARKING					\$ 34,650
20.01	Signage - see detailed 60% estimate	LS			\$ 34,650
SITE WORK AND SPECIAL CONDITIONS					
Demolition, Clearing and Earthwork					\$ 290,000
40.01	Roadway including clearing & grubbing, remove existing structure, sub-base, regular and borrow excavation (see detailed estimate)	LS	\$ -	0	\$ -
40.01	Remove existing canopies and platform	LS	\$ -		\$ 115,000
40.01	Modify existing Amtrak facility	LS	\$ -		\$ 125,000
40.01	Temporary access for Amtrak facility	LS	\$ -		\$ 50,000
40.01	Excavation (muck & de-water @ Sand Lake Rd station site)	CY	\$ 20	0	\$ -
Site Utilities, Utility Relocation					\$ 66,264
40.02	Plumbing	LS	\$ -	0	\$ 5,100
40.02	Onsite Stormwater retention pond and drainage items	LS	\$ -	0	\$ -
40.02	Allowance: drywell for fountain drainage	EA	\$ 1,500	2	\$ 3,000
40.02	Power Distribution	LS	\$ -	0	\$ 58,164
40.02	Lighting	LS	\$ -	0	\$ -
Site Mitigation					\$ -
40.03	Contaminated, Regulated, or Hazardous, ground material	LS	\$ -	0	\$ -
Environmental Mitigation					\$ -
40.04	Wetlands Mitigation measures	AC	\$ 96,616	0	\$ -
40.04	Surcharge and monitoring - Sand Lake Rd	EA	\$ 150,000	0	\$ -
Site Structures incl Retaining and Sound Walls					\$ -
40.05	Noise/ Vibration monitoring and control measures	LS	\$ 125,000	0	\$ -
40.05	Retaining walls: <6 ft	LF	\$ 2,160	0	\$ -
40.05	Retaining walls: >6 ft	LF	\$ 4,300	0	\$ -
Pedestrian Access and Accomodation, Landscaping					\$ 135,362
40.06	Concrete sidewalks at platforms	SF	\$ 6	2,293	\$ 13,758
40.06	Concrete sidewalks at Amtrak	SF	\$ 6	18,969	\$ 107,175
40.06	Concrete sidewalks at at ped crossings	SF	\$ 6	306	\$ 1,729
40.06	At grade ped crossings (material between rails)	EA	\$ 5,600	2	\$ 11,200
40.06	Fencing (Between NB and SB tracks)	LF	\$ 10	150	\$ 1,500
40.06	Landscaping, irrigation, 6 ft benches, trash receptacles, bike racks, station fencing and bus shelters (see detailed estimate)	LS	\$ -	0	\$ -
AUTOMOBILE, BUS, VAN ACCESSWAYS (incl roads and parking lots) VEHICULAR CIRCULATION					
Signal and Intersection Modifications					\$ -
40.07	Signalize new/existing intersection, complex	EA	\$ 175,000	0	\$ -
40.07	Signalize new/existing intersection, simple	EA	\$ 75,000	0	\$ -
40.07	Modifications to existing walks, roads, curbcuts, crossings, grades, utility covers	SF	\$ 10	0	\$ -
Surface Parking & Walks					\$ -
	Number of Parking Stalls	EA	\$ -	0	\$ -
40.07	Roadway including sub-base, reinf concrete, superpave, curb, bumper stops and 4" sidewalks	LS	\$ -	0	\$ -
40.07	Roadway including signage, paint, pavement message and symbols	LS	\$ -	0	\$ -
40.07	Informational, Directional, Regulatory Signage (multi-post)	EA	\$ -	0	\$ -
40.07	Informational, Directional, Regulatory Signage (single post)	EA	\$ -	0	\$ -
Bus Circulation & Pedestrian Walk					\$ 130,000
40.07	Bus drop off area: 8" reinf. concrete incl Type B stabilization and OBG 6 (included with "Roadway" - see detailed estimate)	SY	\$ -	0	\$ -
40.07	Bus Bays		\$ -	2	\$ 130,000
SYSTEMS					\$ 518,103
50.05	C.C.T.V. Security System (incl 2 fixed, 2 tilt pan zoom cameras per platform connected to O.C.C.)	LS	Total /12		\$ 95,178
50.05	Telephones (see Amenities)	LS	\$ 1,521	0	\$ -
50.05	Ethernet equipment, circuit equipment and cabling	LS	Total /12		\$ 56,794
50.05	Station Circuit Equipment	LS	\$ -	0	\$ -
50.05	Common Equipment (Included w/50.07 OCC Equipment Costs)	LS	\$ -	0	\$ -
50.05	Station Amenities includes PA system, VMS (2 per platform) and PAT's	LS	Total /12		\$ 198,865
50.05	Ethernet	LS	\$ -	0	\$ -
50.05	Cable	LS	\$ -	0	\$ -
50.05	Spare parts	LS	Total /12		\$ 22,091
			\$ -		\$ -
50.06	Fare collection equipment	EA	\$ 30,000	4	\$ 120,000
50.06	Ticket validators	EA	\$ 5,000	4	\$ 20,000
50.06	Fare collection equipment - spare parts	EA	\$ 5,175	1	\$ 5,175
SUBTOTAL- \$2008					\$ 2,481,272
	Contingency			20.00%	\$ 496,254
CONCEPTUAL TOTAL - \$2008					\$ 2,977,526