



Airport Costs

Florida is served by a comprehensive and well-developed airport system. Airports are divided into landside and airside areas. The airside areas include runways, taxiways and ramps, and are accessible to aircraft and authorized vehicular traffic. A runway is essential to the functionality of the airport, with additional facilities providing a variety of services. All large commercial airports serve as centers of an industrial complex that account for tens of thousands of jobs and billions of dollars of economic activity.

This report provides planning information on the costs of constructing and repairing runways, taxiways, and ramps. It includes available information on costs of constructing new terminals and fuel tanks; however, these construction costs may fluctuate substantially. Airside surfaces, like highways, are usually constructed of concrete or asphalt. For additional information, refer to the Aviation and Space Office (<http://www.dot.state.fl.us/aviation/>).

Technical Note: Runway construction costs include paving, grading (2' fill), lighting, marking, turfing and minimal drainage within the runway safety area.

Runway Construction

Concrete	Cost
General Aviation (2,000 to 4,000 foot runway, typical length: 3,700 ft. 8" depth, Portland Cement Concrete)	
Runway Construction (New, 75' width)	\$1,485 per linear foot
Taxiway Construction (New)	\$20 per square foot
Ramps/Apron Construction (New)	\$20 per square foot
Terminal Structure (New)	\$275 per square foot
Slab Replacement (Standard 12.5' x 20' slab)	\$2,420 per slab
Reliever (5,000 to 7,999 foot runway, typical length: 5,000 ft. 18" depth: 12" Portland Cement Concrete + 6" Econocrete (P-306) sub base.)	
Runway Construction (New, 100' width)	\$1,980 per linear foot
Taxiway Construction (New)	\$24 per square foot
Ramp/Apron Construction (New)	\$24 per square foot
Terminal Structure (New)	\$275 per square foot
Slab Replacement (Standard 12.5' x 20' slab)	\$3,520 per slab
Commercial (8,000 to 13,000 foot runway, typical length: 13,000 ft. 22" depth: 16" Portland Cement Concrete + 6" Econocrete (P-306) sub base. Includes paved shoulders and blast pavement.)	
Runway Construction (New, 100' width)	\$2,420 per linear foot
Taxiway Construction (New)	\$31 per square foot
Ramp/Apron Construction (New)	\$31 per square foot
Terminal Structure (New)	\$275 per square foot
Slab Replacement (Standard 12.5' x 20' slab)	\$4,950 per slab



Asphalt	Cost
General Aviation (2,000 to 4,000 foot runway, typical length: 3,700 ft. 12" depth: 4" asphalt concrete + 8" base)	
Runway Construction (New, 75' width)	\$1,320 per linear foot
Taxiway Construction (New)	\$18 per square foot
Ramps/Apron Construction (New)	\$18 per square foot
Terminal Structure (New)	\$275 per square foot
Resurfacing (3", 75' width)	\$220 per linear foot
Reliever (5,000 to 7,999 foot runway, typical length: 5,000 ft. 16" depth: 4" asphalt concrete + 12" base)	
Runway Construction (New, 100' width)	\$1,870 per linear foot
Taxiway Construction (New)	\$19 per square foot
Ramp/Apron Construction (New)	\$19 per square foot
Terminal Structure (New)	\$275 per square foot
Resurfacing (4", 100' width)	\$396 per linear foot
Commercial (8,000 to 13,000 foot runway, typical length: 13,000 ft. 20" depth: 4" in Asphalt Concrete + 16" base. Includes paved shoulders and blast pavement.)	
Runway Construction (New, 100' width. Includes paved shoulders and blast pavement.)	\$2,200 per linear foot
Taxiway Construction (New)	\$23 per square foot
Ramp/Apron Construction (New)	\$23 per square foot
Terminal Structure (New)	\$275 per square foot
Resurfacing (4", 100' width)	\$396 per linear foot
Fuel Tanks	Cost
(Fuel Tank costs include tank, painting inside and out, concrete ring wall foundation, secondary containment liner and sand bedding under the tank.)	
100,000 Gallon Tank (28' diameter x 24' height)	\$396,000
200,000 Gallon Tank (39' diameter x 24' height)	\$528,000
500,000 Gallon Tank (47' diameter x 40' height)	\$858,000

CONTACTS

Martin Markovich, Office of Policy Planning (850) 414-4918, martin.markovich@dot.state.fl.us