



Port of Seattle Third Runway Construction SeaTac, WA

March 2007 Through November 2008

Owner: Port of Seattle
Project Cost: \$79.8 Million
ICON Scope: Prime Contractor

In 2007, ICON Materials was awarded the final construction of the Third Runway at SeaTac International Airport. This runway was crucial in economic development of the entire Puget Sound Region. The project had been in the planning process for nearly 20 years and included some very specific challenges. ICON Materials was able to meet and exceed those challenges. 600,000 cubic yards of material had to be imported and placed at the airport. By utilizing their vast fleet, ICON was able to accomplish this; and by doing most of the hauling during the night, they minimized the impact to the region's traffic. The fill was used not only to bring up the area of the third runway, but to extend the safety area for the center runway. A mechanically stabilized earth wall 75 foot high was constructed as part of that extension. The 8,500 foot final runway and eight connecting taxiways were poured with concrete at a thickness of 17 inches. Asphalt was also placed to form aprons around the runway. ICON Materials constructed a new 10,000 square foot Airfield Lighting Vault to control all the runway lighting at the airport. The lighting vault included back up systems and generators to ensure the runway lights will never fail. The entire project took just over two years to complete and finally added the vital third runway to SeaTac Airport.



Runway Length:	8,500 Feet
Runway Width:	150 Feet
Runway Shoulders:	35 Feet
Runway Depth:	Concrete - 17 Inches

- 600,000 Yards of Imported Fill
- 44,671 Manhours of Trucking
- 260,000 Square Yards of Concrete Pavement
- Total Area of Concrete Paving
- 125,000 Cubic Yards of Concrete
- 40,000 Square Foot Mechanically Stabilized Earth Wall
- 35,000 Tons Hot Mix Asphalt
- 10,000 Square Foot Lighting Vault
- 16 Miles of Conduit
- 1,441 Light Cans
- 21,000 Lineal Feet of Stormdrain
- 312,000 Manhours