



Port of Seattle 16L - 34R Runway Reconstruction SeaTac, WA

March 2009 Through October 2009

Owner: Port of Seattle
Project Cost: \$52 Million
ICON Scope: Prime Contractor

In March of 2009, ICON Materials began work on one of their most ambitious projects to date. In the span of six months, ICON had to completely remove the main runway at SeaTac International airport and replace it to Port and FAA exacting standards. What made this an even more daunting task was the airport had to remain operational throughout the construction. This meant more than 1000 flights per day crossed through the construction zone. The asphalt from the old runway was ground up, hauled off site, and recycled into new asphalt. The original concrete runway was crushed on site and used as the base for the new runway. 18" to 20" of concrete was then poured to form the new runway, In addition, all new electrical lighting and stormwater systems were constructed. ICON Materials and the Port of Seattle worked closely to make sure that not only the project was efficiently completed, but the airport was able to operate without any construction related slow downs. In the end, the project was completed both early and under budget. ICON Materials received many accolades from the Port of Seattle for the quality, effectiveness of the construction, and the safety of the project.



Runway Length:	11,901 Feet
Runway Width:	150 Feet
Runway Shoulders:	35 Feet
Runway Depth:	Concrete - 20 In., Asphalt - 4 Inches Crushed Asphalt (Old Runway) Sub-Base 12 Inches

- 281,000 Tons of Asphalt Ground Up
 - 9,400 Truck and Trailer Loads
 - Hauled to Auburn to be recycled into new asphalt
- 120,000 Cubic Yards of Excavation
 - 6,700 Truck and Trailer Loads
- 121,000 Tons of Recycled Concrete from the Old Runway
- 224,600 Square Yards
 - Total Area of Concrete Paving
- 129,000 Cubic Yards of Concrete
 - 11,300 Truck Loads
- 60,000 Tons of New Asphalt
- 320,000 Square Yards of Topsoil
 - 66 Acres
- 18 Miles of Conduit
- 1,100 Light Cans
- 25,000 Lineal Feet of Stormdrain
- 375 Employees
- 192,000 Manhours
- 1 Recordable Injury

Completed in 6 Months