

Nuts + Bolts: See what's new in SEA Airport Construction

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Nuts + Bolts: SEA Construction Progress

Regional economic and population growth means that more people are traveling through Seattle-Tacoma International Airport than ever before. We're building to meet demand while improving the passenger experience, expanding economic opportunity, and emphasizing sustainability.

International Arrivals Facility takes shape



A critical component of the pedestrian walkway (the top chord) was transported during the early morning hours down a closed runway. This same technique will be used to move the center span walkway.

The [International Arrivals Facility](#) is taking shape. On the airside, work is ongoing to complete the V-piers that form the structural backbone of the 780-foot-long aerial pedestrian walkway. The V-piers are integrated with vertical tie-down cables at both ends to provide additional structural stability and adjustability during installation of the center span walkway. The center span walkway, being built north of the project site at Cargo 2, is now fully enclosed and will be prepared for transport down the runway.

On the landside, five of the seven baggage claim carousels are being installed in the 450,000-square-foot grand hall. Interior finishing work such as framing, sheetrock, insulation as well as mechanical and electrical installation continues. The facility is designed to more than double passenger capacity (2,600 passengers per peak hour) and significantly improve the arrivals process for international passengers.

Looking ahead: Crews are preparing for a major program milestone – the movement and installation of the 320-foot-long center span walkway in Q1 2020. The center span will be moved from Cargo 2 using a series of four remote-controlled transporters (known as Self-Propelled Modular Transporters). Once in place, the center span walkway will be hoisted into place using four strand jacks.

Welcome

Welcome to Nuts + Bolts, our quarterly construction newsletter documenting progress on the one million square feet currently being built or updated at the airport. [Subscribe](#) to track our progress, learn about construction opportunities, and discover how we're working to advance equity through our projects and programs.

Gary Merlino Construction Co. honored by Port

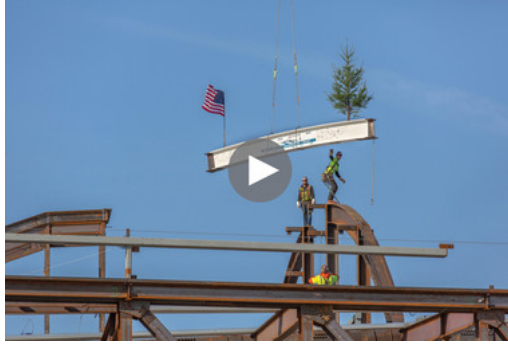


Gary Merlino Construction Company exemplifies leadership in support of diversity and inclusion of small, women, minority, and disadvantaged businesses. Having achieved one of the highest disadvantaged business enterprise (DBE) utilization goals for their work on the 2018 Taxiway Improvements Projects, they were recognized as the 2019 Champion of Inclusion by the Port's Executive Director Stephen Metruck and Diversity in Contracting Director Mian Rice.

The Port, Sound Transit, and Washington State Department of Transportation host this annual Champion of Inclusion Awards Reception to celebrate prime contractors and consultants that support

Watch: [See our vision for the future International Arrivals Facility.](#)

Topping off the North Satellite



Ironworkers recently placed a 24-foot-long, 1.5-ton beam at the top of the arched roof structure, marking a major milestone for the [North Satellite Modernization Project](#). With framing complete and all major building trusses now installed, the nearly 80-foot-tall space is clearly taking shape.

Phase two construction has been underway since the grand opening of the North Satellite Phase one expansion in July 2019, offering passengers elevated dining and shopping experiences from locally-owned Northwest businesses.

Looking ahead: The necessary demolition of the old, existing building is nearly complete. Crews are strengthening the existing structure with new steel to envelope the original structure, an approach the project team calls “the seismic hug.”

Access upgrades and new art at refreshed Concourse C Train Station



Travelers with full suitcases will soon be enjoying wider and more energy-efficient escalators and elevators when connecting between Concourse C, the North Satellite, and the Main Terminal. In addition to the new signage and upgraded audio/visual technology, a new permanent art piece has been installed at the concourse level and will enclose the renovated escalator landing. [Cable Griffith's glass installation](#), called Cascadia, features 22 hand-painted panels that will provide a sense of tranquility and reverence at the end of Concourse C between gates C15 and C16.

Looking ahead: SEA's [Concourse C satellite train station](#), located on the North Train Loop, is planned to open soon with a refreshed space, bringing that Pacific Northwest feeling inside the terminal.

Centralized system to optimize screening and conveyance of bags

diversity and inclusion of small, women, minority, and disadvantaged businesses. Tucci and Sons and PGH Wong Engineering were also honored.

Furnishings made by local businesses give Central Terminal a Pacific Northwest feel

The south side of the Central Terminal opened earlier this year at SEA, upgrading the dining space with solid wood furnishings manufactured by local companies doing business with the Port.

The furnishings are made of durable solid white oak and marbled solid surface material, and include dining counters with built-in charging stations, benches with planters, low coffee tables, long benches, and enclosures for waste/recycle/compost receptacles.

The work is a collaborative endeavor between the Port of Seattle, general construction contractor PCL, and two local small businesses: Patano Studio Architecture and ML Fox, responsible for the design and manufacturing of the pieces.

In addition to the millwork that has already been installed, more will be added in 2020 to coincide with the opening of a new restaurant on the north half of the Central Terminal. [Learn more](#)

Connect to Port contracting opportunities

VendorConnect serves as an online portal for current, past, and future work opportunities with the Port. The refreshed interface provides procurement information for construction, consulting, and goods and services contracts as well as allows vendors to register for the Port's small works (construction less than \$300,000), consulting services, and goods and services rosters.

[Businesses may also register](#) in the Vendor Index to connect with others interested in working at the Port.

Sign up for one of our [PortGen workshops](#) to learn more about doing business with the Port



Work on the [Baggage Optimization Project](#) is underway to meet the steady rise of international and domestic passenger flights at SEA that has caused the existing baggage handling system to reach capacity. The project will replace the current baggage handling system with a new optimized system that will screen and move more checked bags in a shorter amount of time. Phased updates are taking place while continuing to serve airlines and travelers in the same space. The Port is currently analyzing project costs for Phase two construction bids while Phase one is currently being tested for operation.

Looking ahead: Phase one is expected to be in operation in Q1 2020, with Phase two construction also beginning in Q1 2020. Phase two is scheduled to open in 2024 with the full project completion in Q3 2026.

and current and upcoming opportunities.

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Questions?

Email diversityincontracting@portseattle.org

Did you know?

More than 95 percent of construction waste from the SEA's North Satellite Modernization will be recycled and diverted from landfills.

Know someone interested in construction at the airport?

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