Safedock Upgrade and Expansion Project

CIP# C800779

Port
of Seattle®

Aircraft Safety and Guidance System

- Visual docking guidance and ramp information display.

- Guides pilot to nose stop saving fuel & reducing congestion.

- Scans ramp area for obstacles to aircraft docking.

- Docks planes following adjacency rules and can dock without personnel (unavailable ground crew, bad weather).

Ramp display unit

DL1478
AC:907
PHL
11:54
-0:29

Display, video camera and lasers.

Mounted on/near stairwells, on buildings, on posts, or on jet-bridges.

Connected to power and network.

Scope

- Decommission and remove existing mounting hardware and outdated Safedock and Ramp Information Display units.

- Install Safedock units with video cameras and apron scanning at the B, C, and D Concourses and the South Satellite.

- Provide the network connectivity to allow data and gate usage metrics gathered from the A-VDGS units to feed into a centralized database for use by staff and the airlines.

- Re-route existing network cabling from local communication rooms to STIA's newly installed micro-distribution cabinets.

- Testing and commissioning of all systems, software, user interfaces and data collection.

Schedule

- Commission Authorization for Construction   2019 Quarter 3
- Construction Start   2020 Quarter 1
- In-use date   2021 Quarter 2

Budget

- Design $2,383,750
- Construction $25,834,500
- Total $28,218,250