

# North STS Employee Screening

April 13<sup>th</sup> 2021

Port Commission Meeting

Seattle-Tacoma International Airport



# North STS Employee Screening

This project addresses the following:

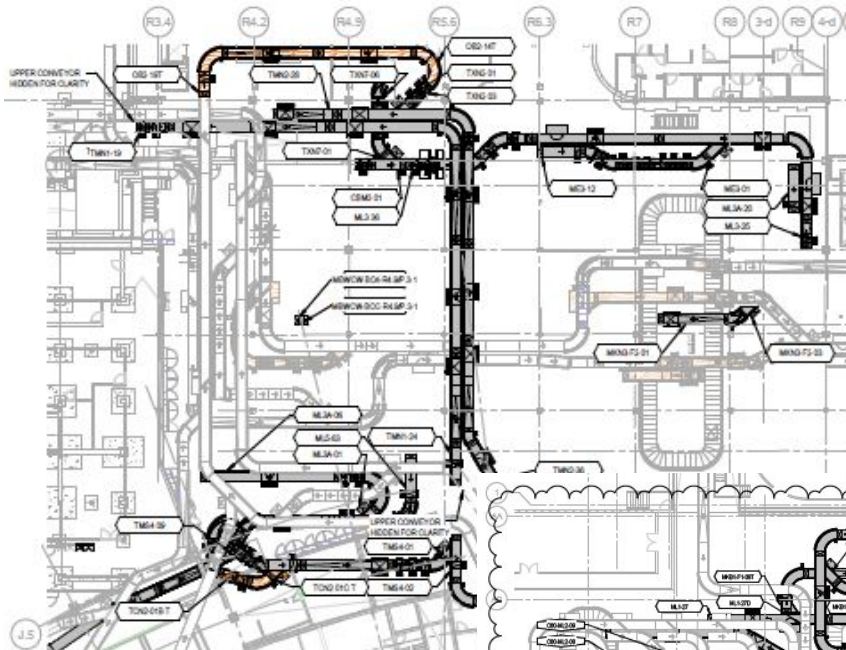
- 1.) The Port's commitment for 100% employee screening.
- 2.) Need for BSO space for airline space in support of Airline Realignment & Checkpoint Relocation (relocating United)
- 3.) Safety issues with employees traveling in the baggage tunnel.
- 4.) Baggage Optimization removing existing employee pathway from Central Screening.

## Pedestrian Safety Concerns:

- There is currently no walkway over the hump in the central bagwell
- Walking tenants alongside speeding tugs adjacent drive lanes
- Limited visibility of oncoming tugs when approaching the hump
- Above wing employees are not wearing appropriate vests when traversing the bagwell



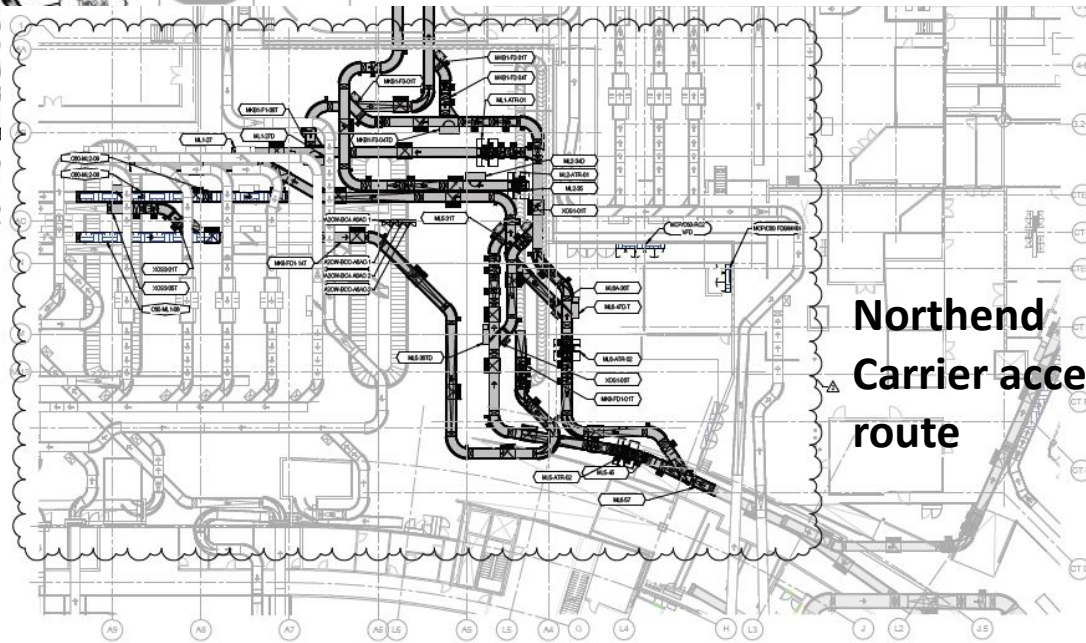
# Baggage Optimization & The Bagwell



Central screening location

The Baggage Optimization project closes access to the pedestrian tunnel installing conveyor within it.


This activity requires a personnel travel offset



Northend Carrier access route

# North STS Employee Screening

## Project Scope:

- Relocate the North Employee Screening Checkpoint from the Baggage Claim to the North Main Terminal STS.
  - Utilize Advanced Imaging Technology certified by the TSA
  - Re-use existing equipment
  - Install glazed walls, infrastructure, network connectivity, and cameras
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# Advanced Imaging Technology (AIT)

## Beneficial Reasons for this Technology

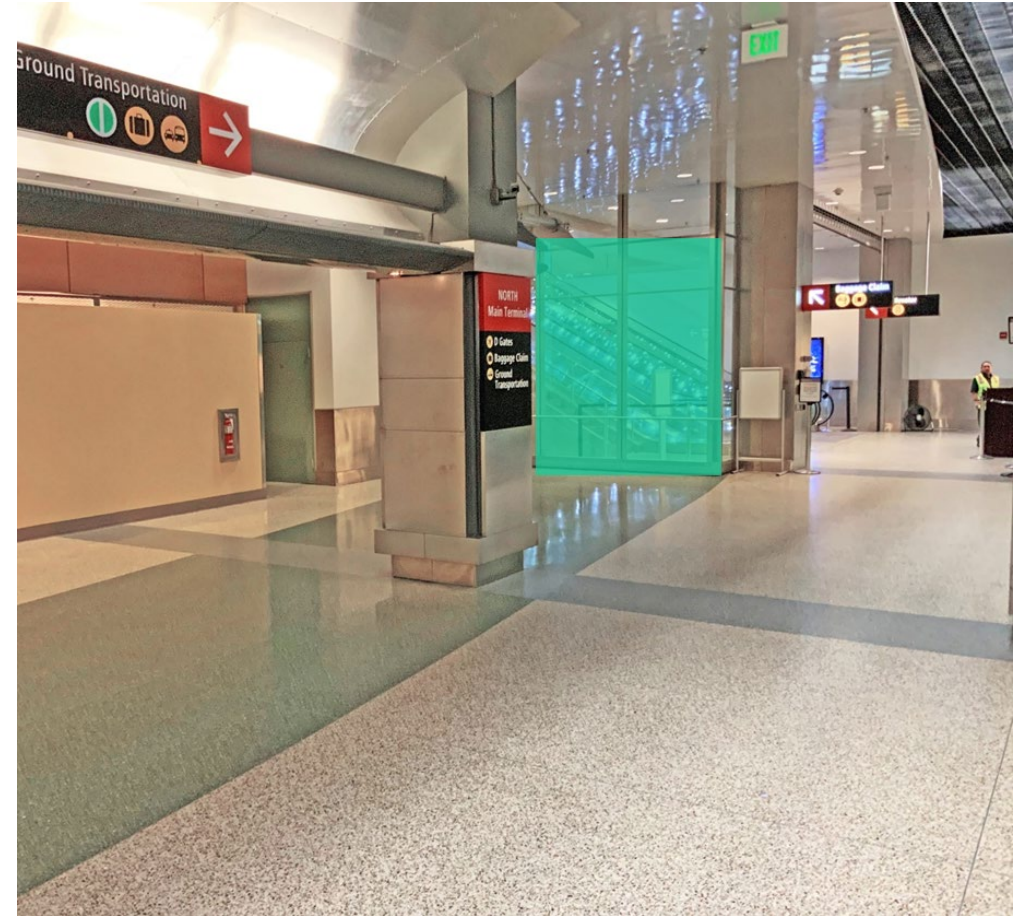
- ADA compliant throughway
- Federal certification
- Reliable performance



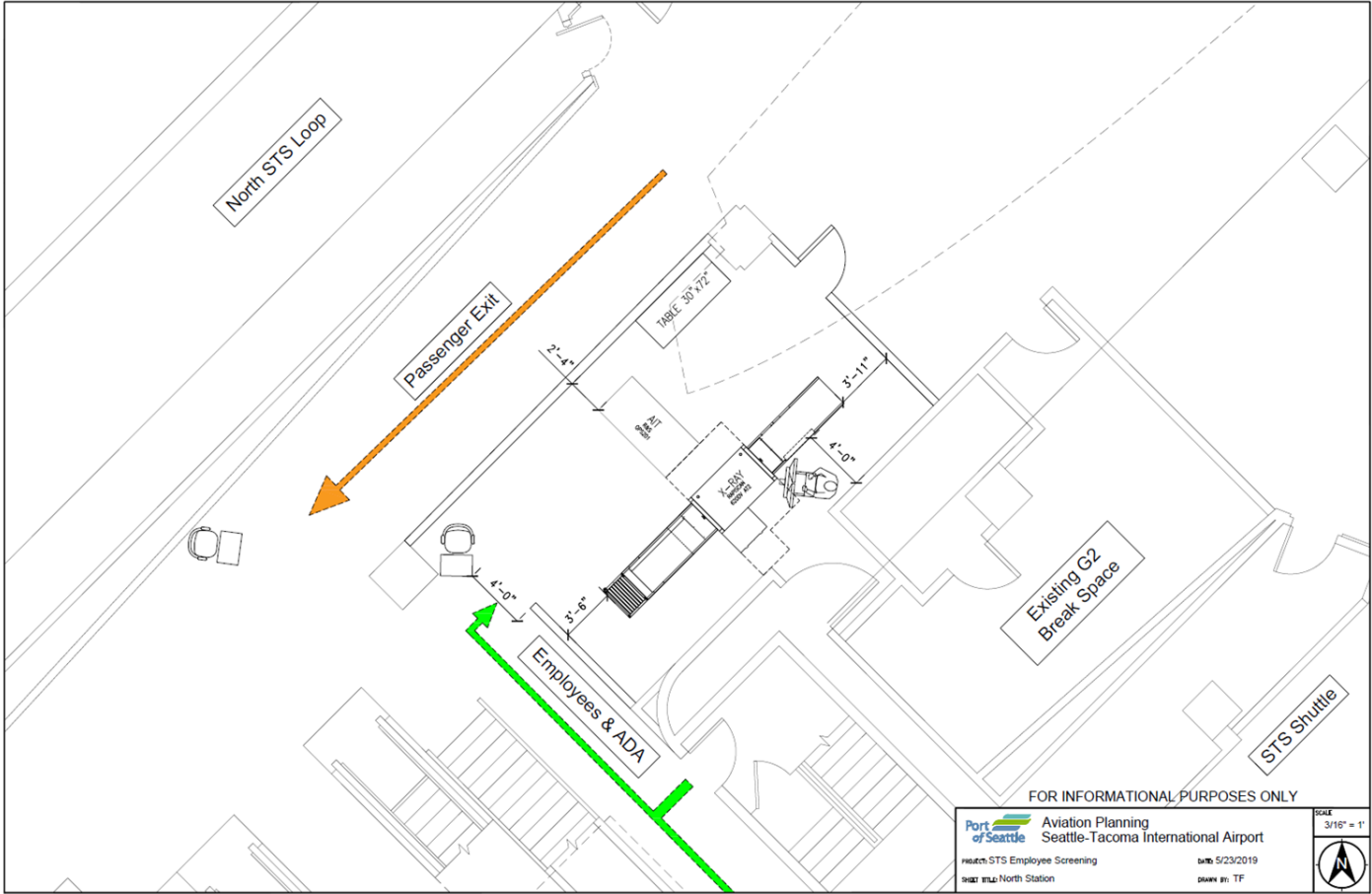
R&S QPS201 Series AIT

# Project Location

North STS Level Overlay of Screening Position



# Conceptual Layout





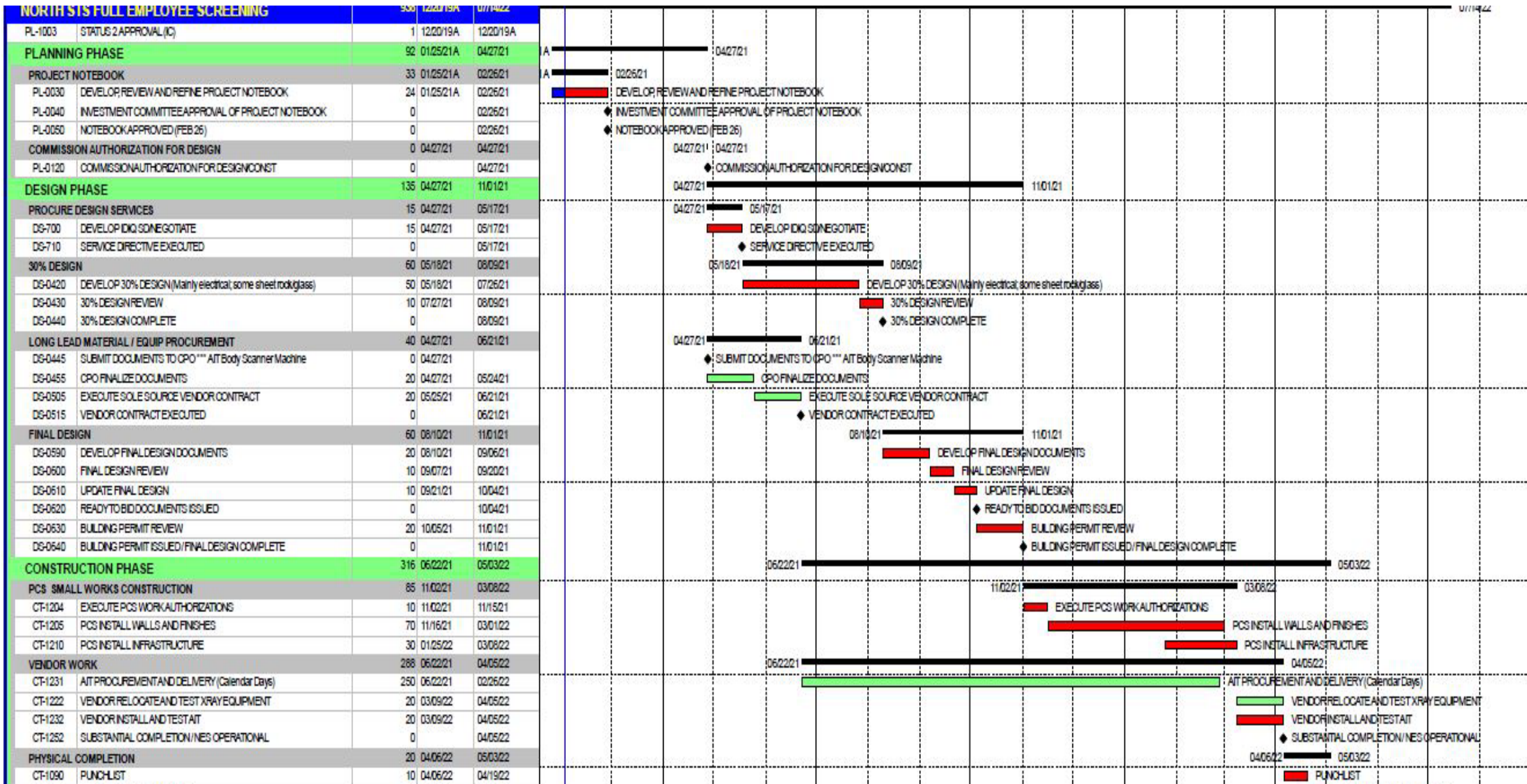


### Opportunities:

- Improvement in employee safety
- Reuse of existing assets
- Vacates valuable BSO space
- Additional security presence

### Risks:

- Added foot traffic in the STS
- AIT competition waiver/sole source
- Train hours
- Customer experience
- Resistance to cultural change
- Unforeseen code requirements



# Project Schedule

## Milestones:

- Commission 04/13/21
- Permitted Design 11/21
- Substantial Completion 04/22

# Project Budget

Notebook Refinement of Anticipated Costs	
Status Two Budget	\$2.1M
Notebook Baseline Budget	\$1.4M (returning \$700K)
Project Design Cost	\$160K
Project Construction Cost	\$875K (includes equipment procurement)
Project Soft Costs	\$375K
Project Contingency	\$129K

Project will be a small works project through PCS

Thank You