

From: SLai@portla.org

To: [Lai](#)
[Sue](#)

CC: [Aryan-Zahlan](#)
[Dina](#)
[Sar](#)
[Christina](#)
[Fedrick](#)
[Adrienne](#)
[Enfajian](#)
[Donna](#)
[Lehmann](#)
[Ruth](#)

Date:

Subject: WTS Innovative Transportation Solutions Award nominee - the Berths 142-147 Automated Backland Redevelopment Project at the Port of Los Angeles

Dear WTS Colleagues:

As Senior Transportation Engineer for the Port of Los Angeles and former WTS Foundation President, I am writing to ask for your vote for a project that exemplifies the new criteria for the 2015 WTS Innovative Transportation Solutions Award.

The Berths 142-147 Automated Backland Redevelopment Project at the Port of Los Angeles,

· **led by a four member female team** composed of Harbor Engineer, Dina Aryan-Zahlan, P.E., PMP, Program Manager, Christina U. Sar, P.E., Project Manager, Adrienne Fedrick, P.E., PMP, and Construction Manager, Donna Enfajian.

· this \$210 Million project is **the first automated container terminal on the west coast** of the United States, and

- the **first in the world to implement automated loading and unloading of road trucks.**

This project uses two systems of automated technology: automated horizontal transport (straddle carriers) and automated stacking cranes (ASC). This development utilizes state-of-the-art technology for integration between the terminal operating system, the terminal navigation systems (equipment operation), and port infrastructure.

The benefits of a fully automated container terminal, include the following:

- **safety improvements** by separating vehicular and pedestrian access from container handling,
- **increases terminal efficiencies** in moving and delivering containers,
- **improves reliability and accuracy** of moving and organizing containers,

reduces terminal congestion and air emissions.

Thank you for your consideration of this worthy project and see you in Chicago!

Regards-

Sue

Sue L. Lai, P.E.

Sr. Transportation Engineer - Engineering Division

Port of Los Angeles | 425 S. Palos Verdes Street | San Pedro, CA 90731

(310) 732-3649 | 7 (310) 519-0178

