

CDP No. 23-03 to APM Terminals Pacific, Ltd. for the Pier 400 Crane Project

June 27, 2024

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Director of Planning & Strategy

THE PORT
OF LOS ANGELES 

Level II Coastal Development Permit

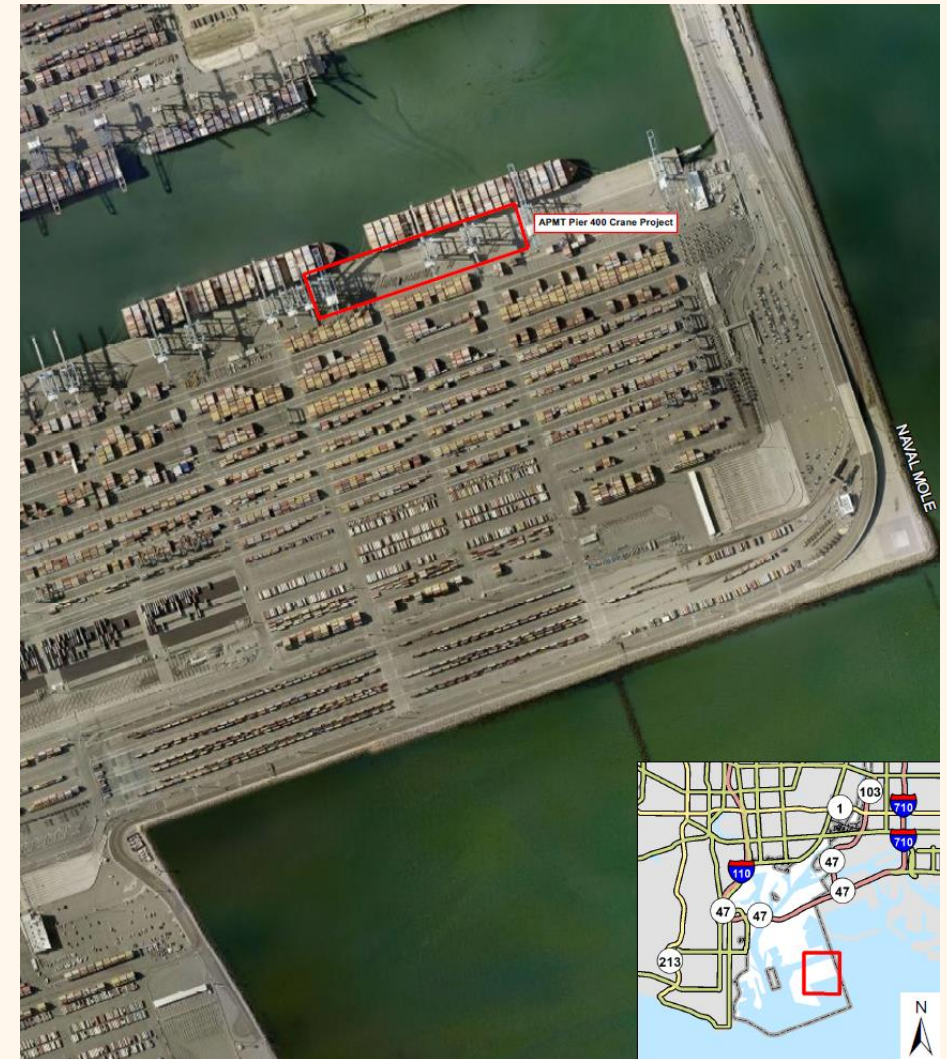
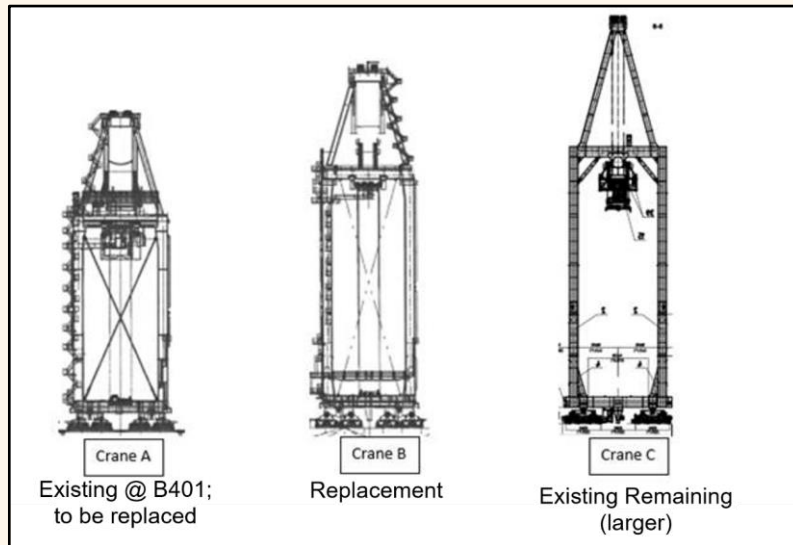
- All crane replacements and additions require a Level II CDP public hearing
- The public hearing is requirement of Section 6.4.3 of our Port Master Plan, not CEQA, and is separate from the CEQA analysis
- The proposed cranes in this project are substantially the same as the cranes they are replacing and are categorically exempt from the requirements of CEQA

Port Master Plan



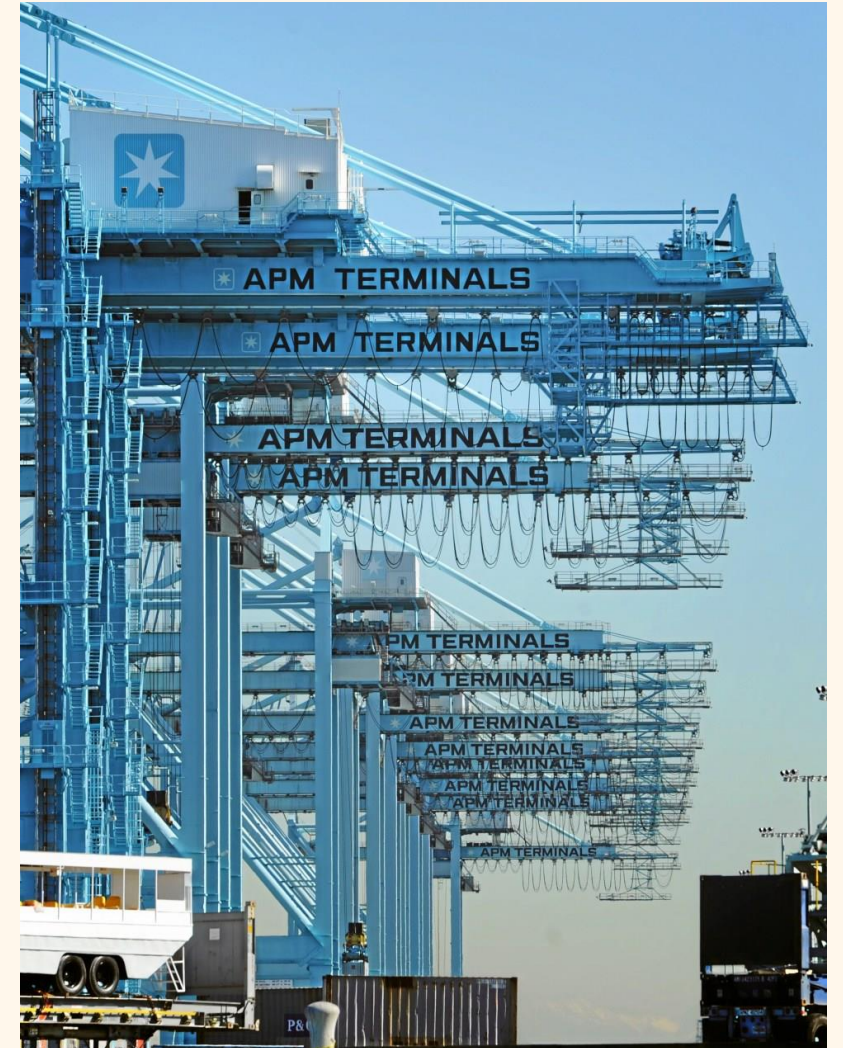
Project Location

- Located in Planning Area 3 on Terminal Island
- Project site: APM Terminals Pacific Pier 400 Container Operations



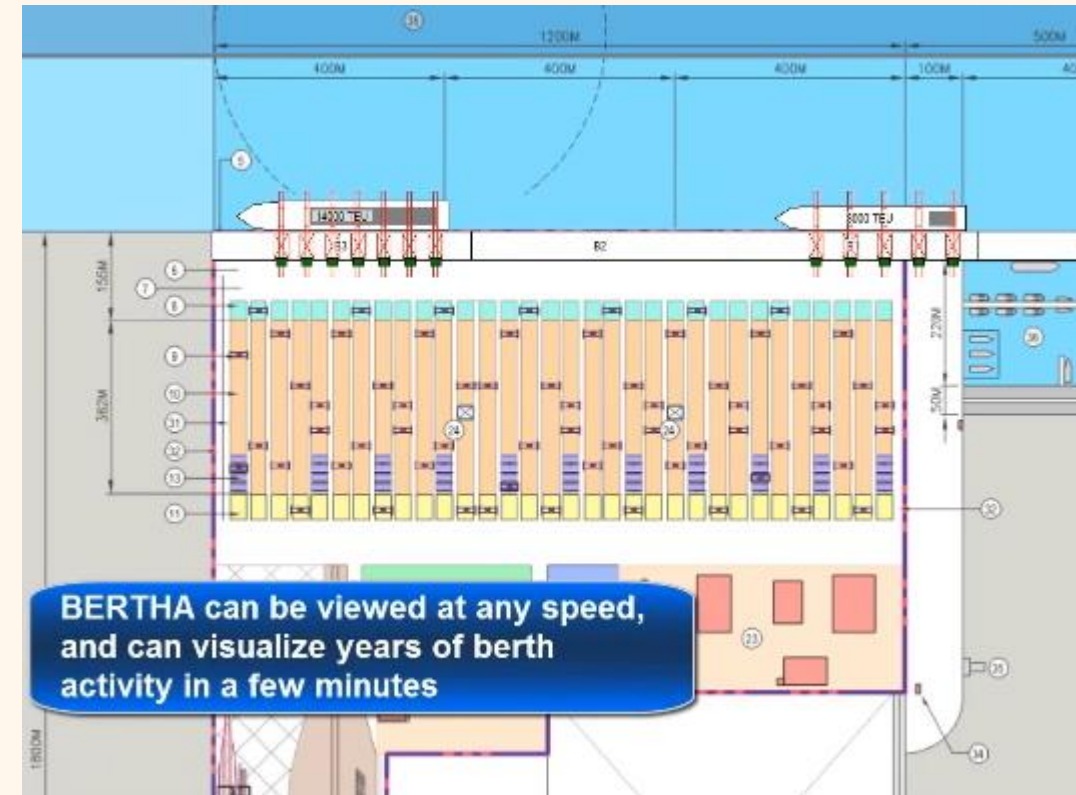
Project Description

- This project will replace three existing cranes with three new similar cranes
- The new cranes have an apex height of 292 feet tall with boom arm down
- They are replacing three 252-foot-tall cranes which will be removed
- The taller cranes will improve operational efficiency, but do not increase overall wharf capacity



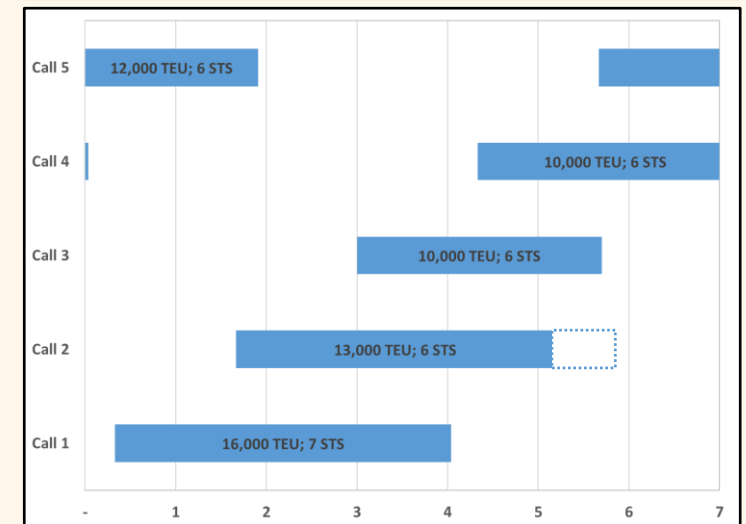
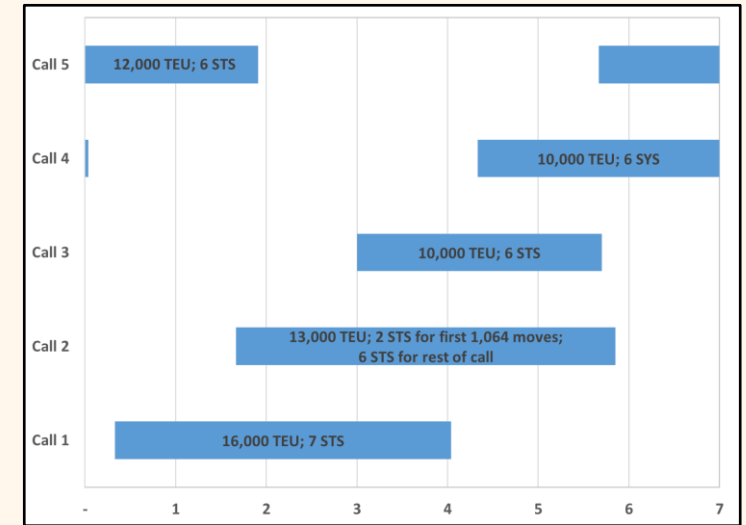
Wharf Capacity

- Container ships sail on regular schedules and take time to process
- Larger ships carry more cargo but take longer to unload and load
- Maximum wharf capacity is set by the mix of ship sizes and schedules that results in the maximum amount of cargo a wharf is capable of handling during a given period
- This requires simulation modeling



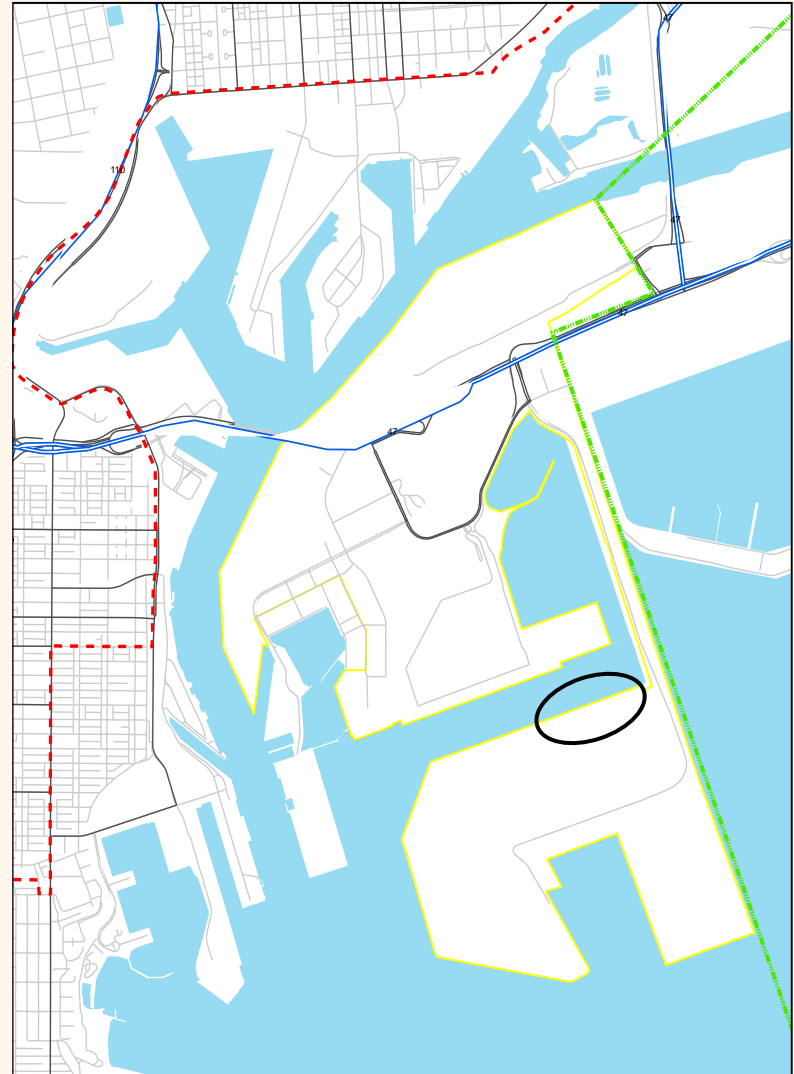
The BERTHA Model and its Results

- POLA and POLB have used AECOM's BERTHA model for 20 years to analyze wharf capacity
- AECOM simulated one year of container volumes at APMT's wharf at maximum capacity with and without the proposed project
- Result: the operational improvements were **not** enough to increase the wharf's maximum capacity



Permit Evaluation

- Project requires a Non-Appealable Level II Coastal Development Permit (CDP)
- Project is consistent with Port Master Plan land use designation of “Container” for this site
- Staff recommends that the Board approve the proposed project and direct staff to issue CDP 23-03



Questions from the Board and Public Comment

