





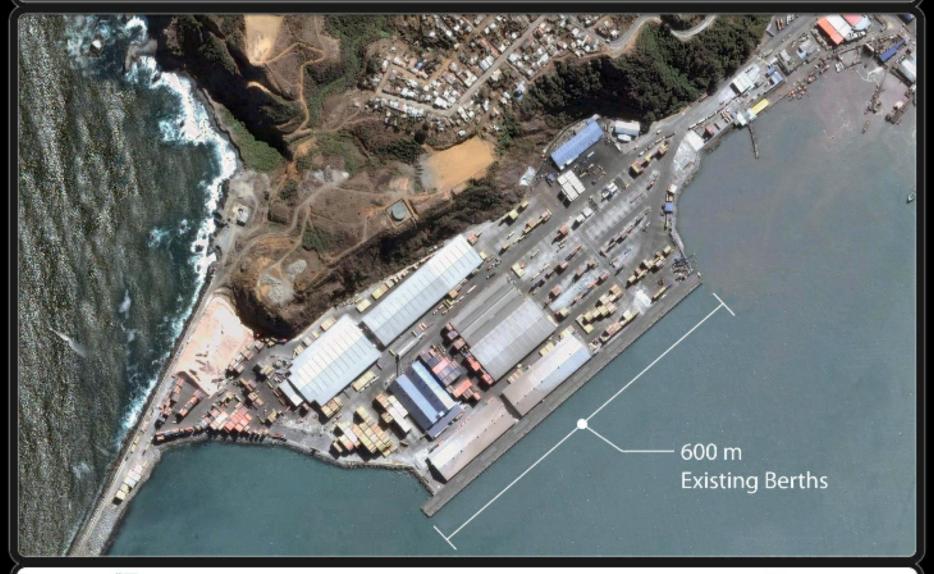
Major Issues and Needs

- Deeper Berths
- Larger and Heavier STS Cranes
- Higher Wheel Loads on Wharf
- Bigger Fenders and Bollards
- Denser Stacking at CY
- RTGs and RMGs at CY





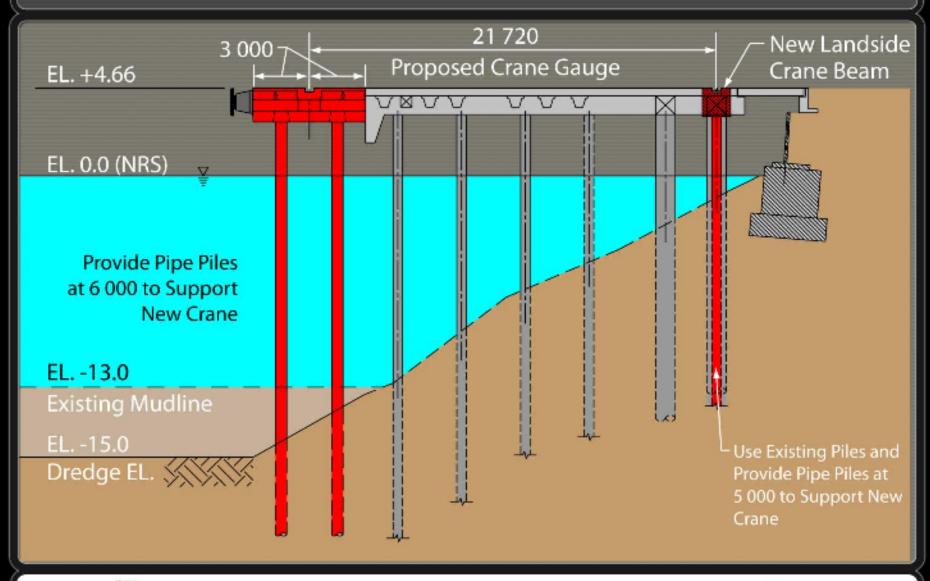
San Vicente Terminal Internacional (SVTI), Chile







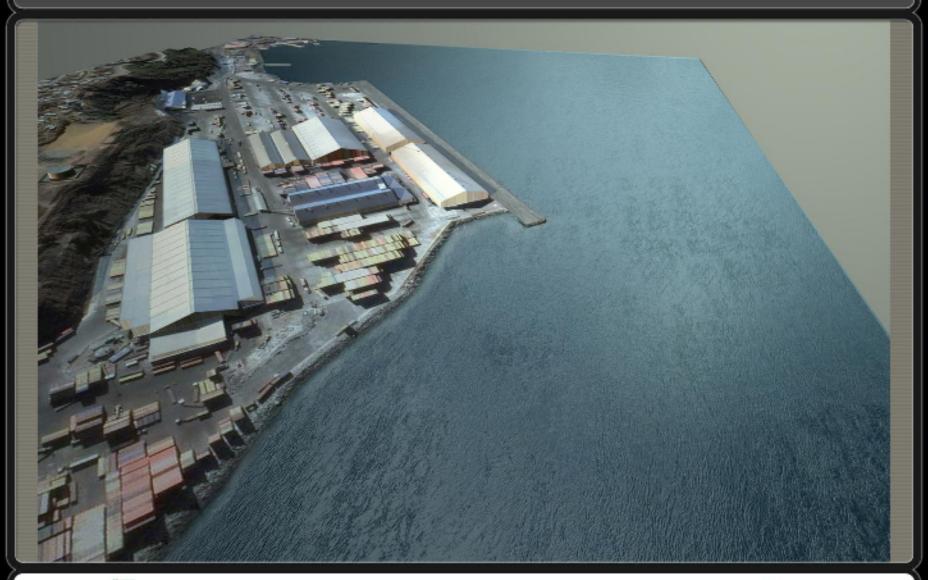
Deepening and Crane Retrofit







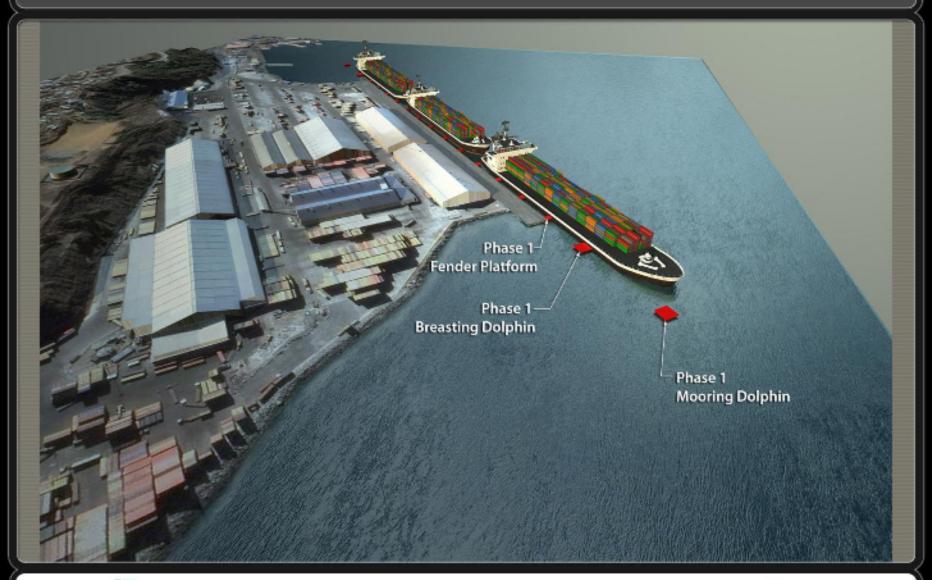
Existing Conditions







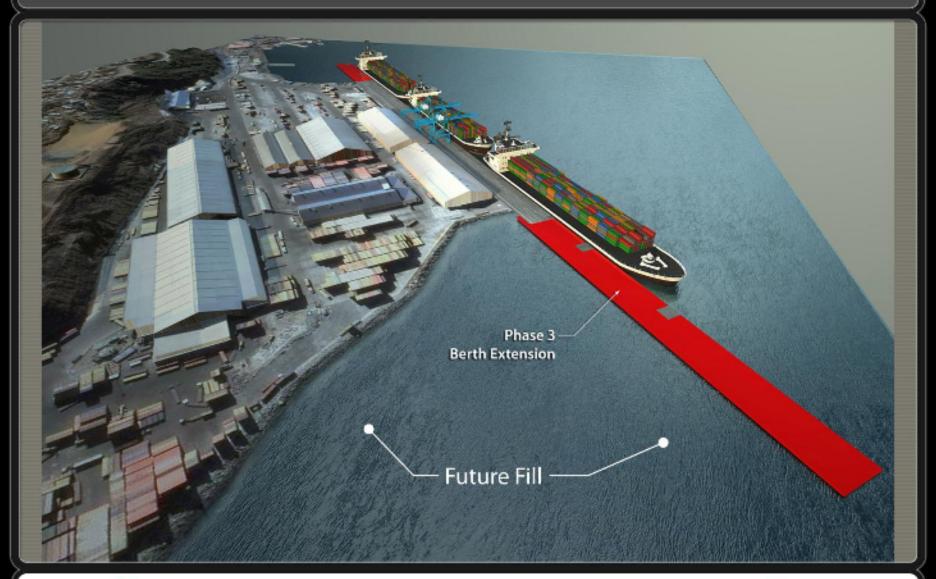
Breasting Platforms and Dolphins







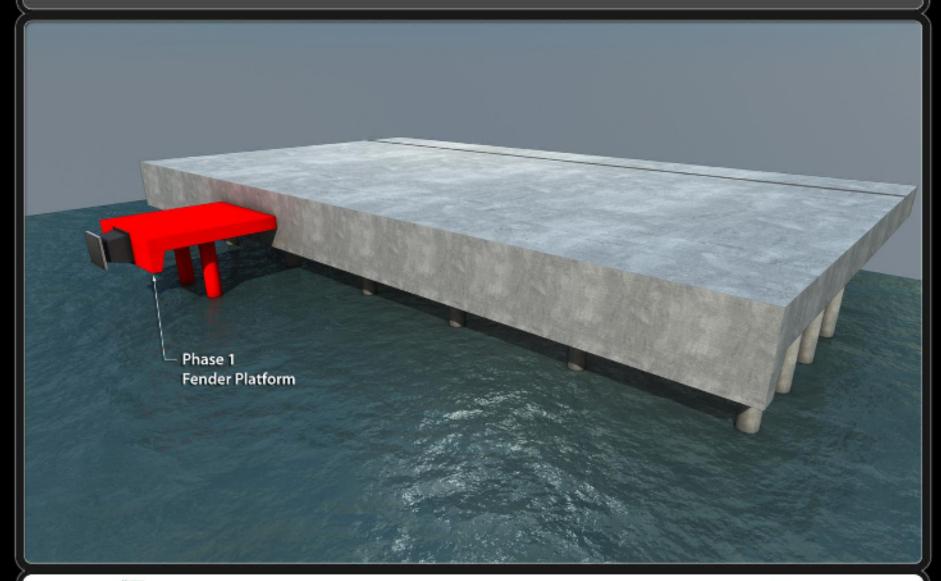
Infill Structure and Berth Extension







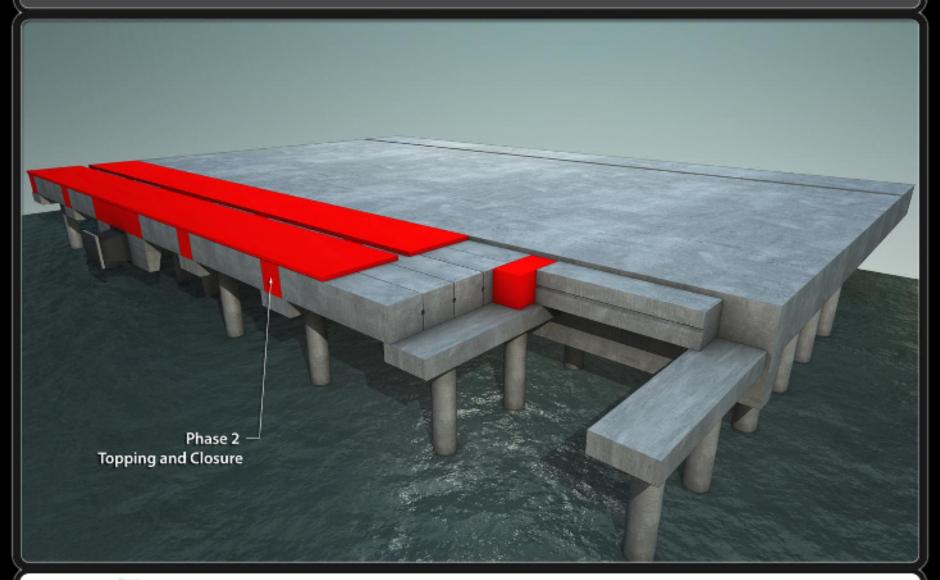
Construction Sequence – Phase 1







Construction Sequence – Phase 2







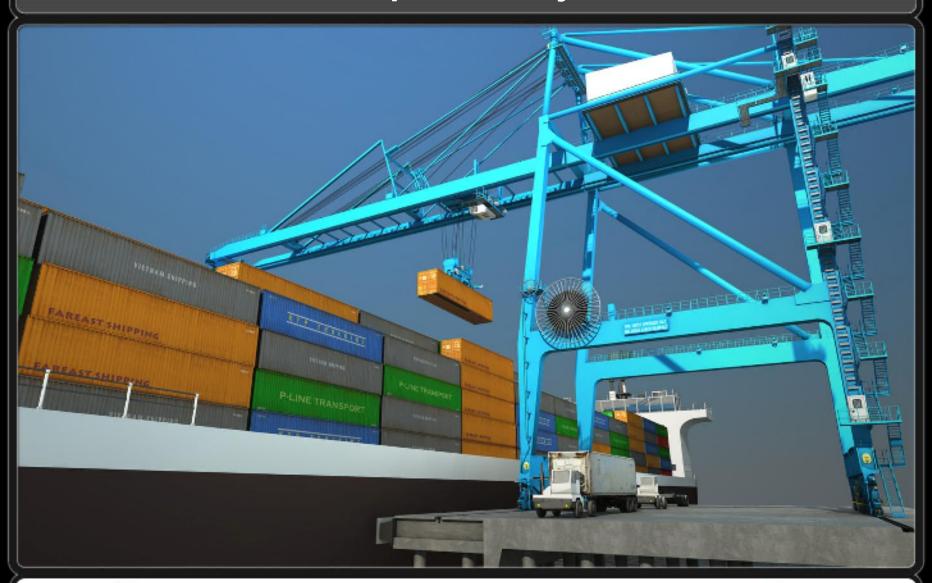
Construction Sequence – Phase 3







Completed Project







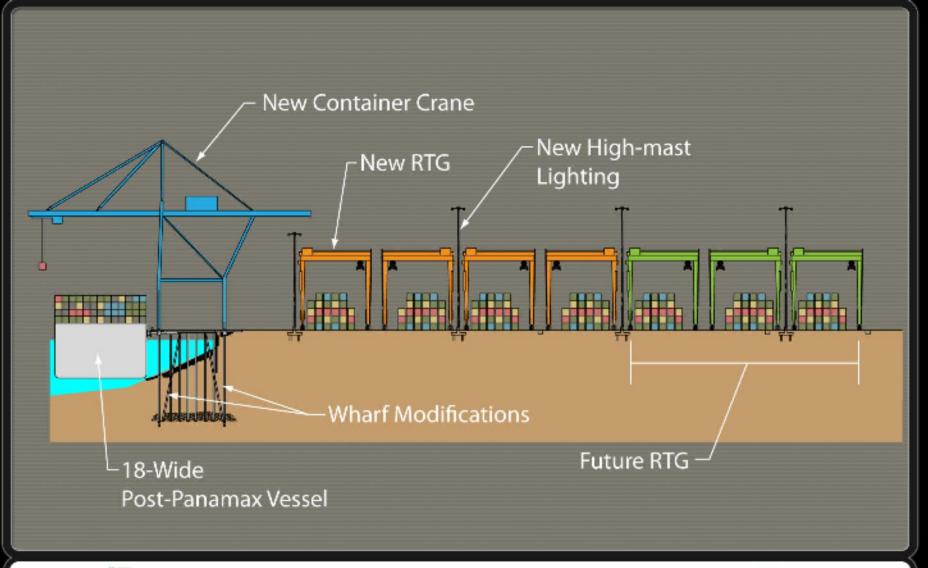
Santa Marta International Container Terminal, Colombia







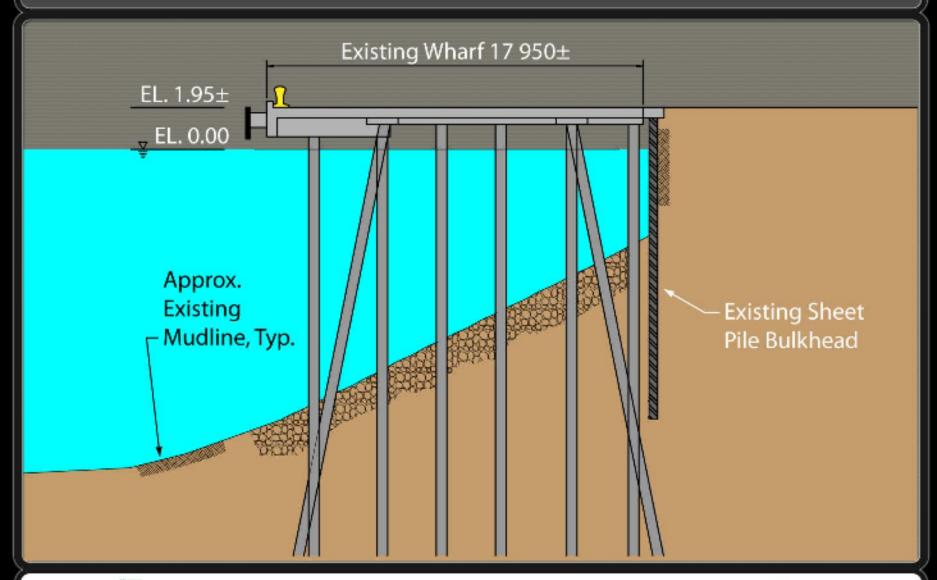
Wharf and Yard Section







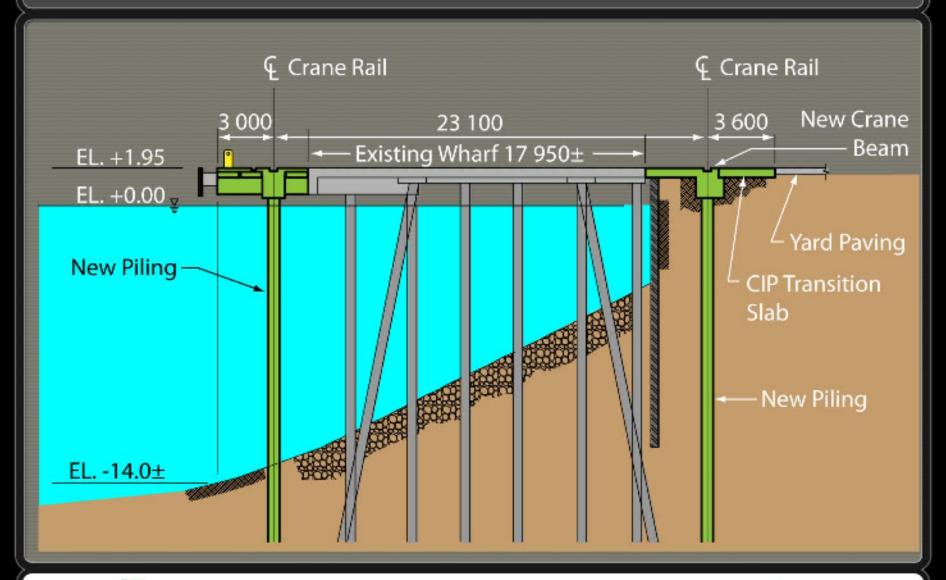
Existing Wharf







Wharf Modifications







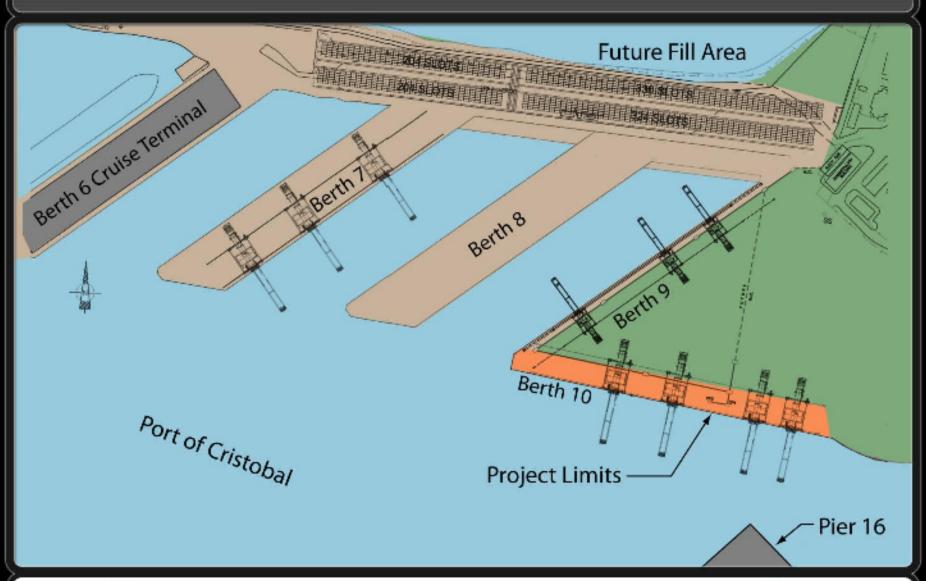
Panama Ports Company Berth 10







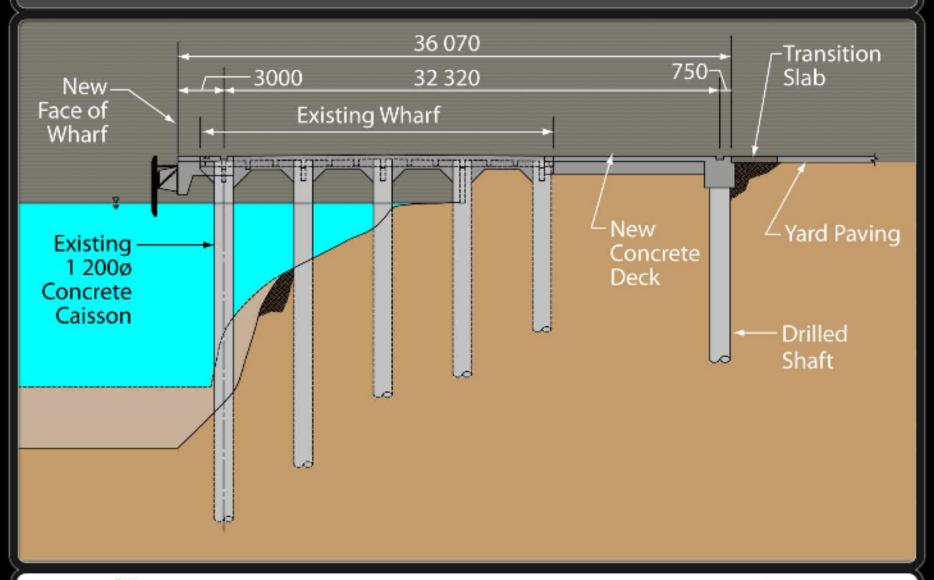
Site Plan







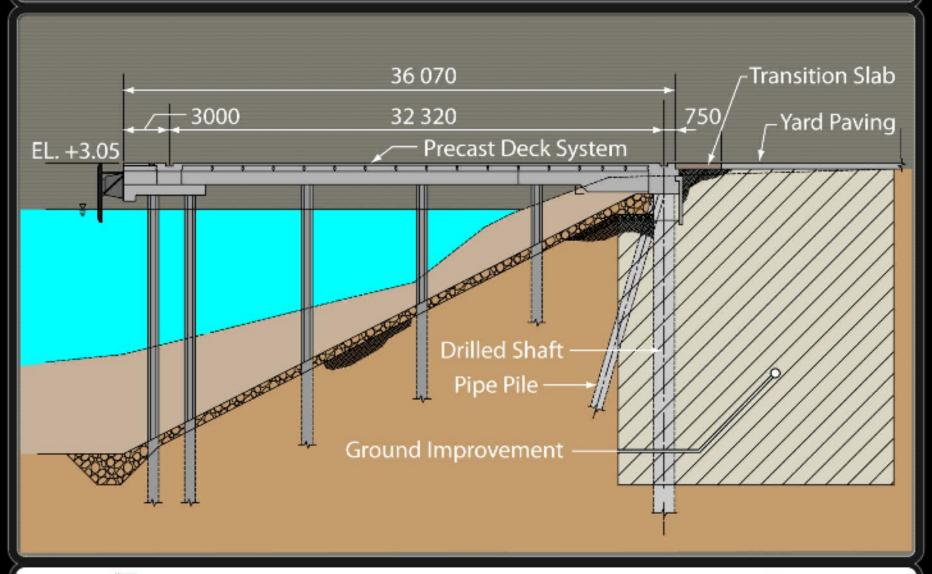
Modified Wharf Section







New Wharf Section







Completed Project







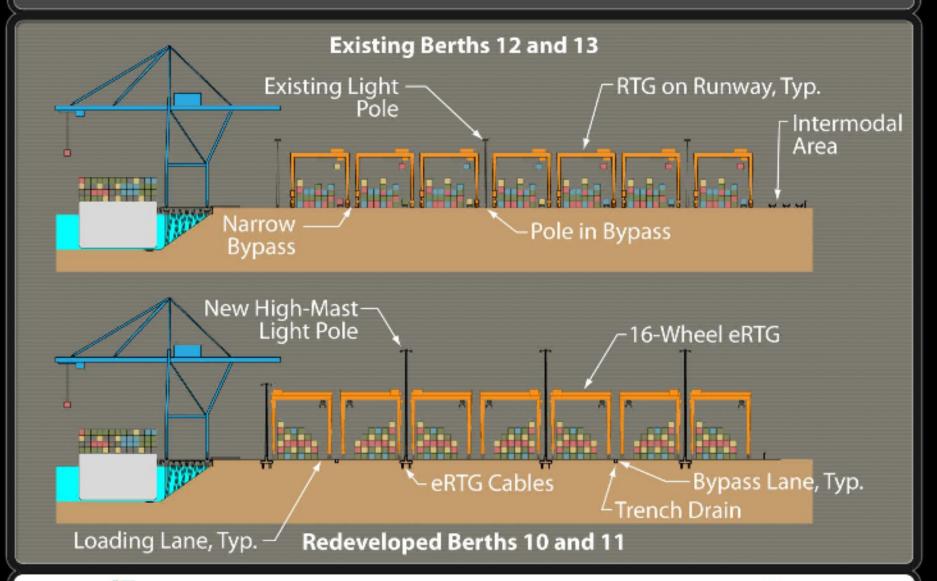
Manzanillo, Mexico







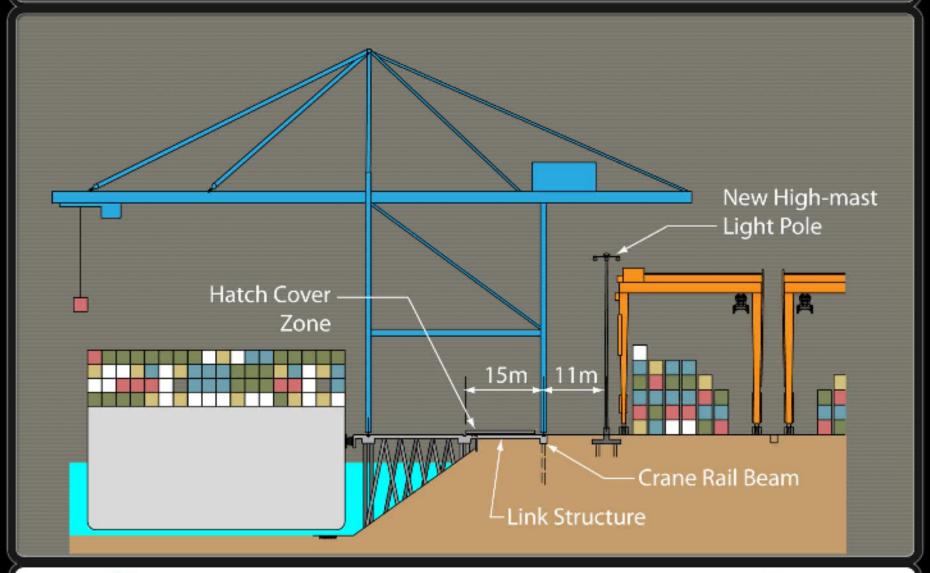
Wharf and Yard Section







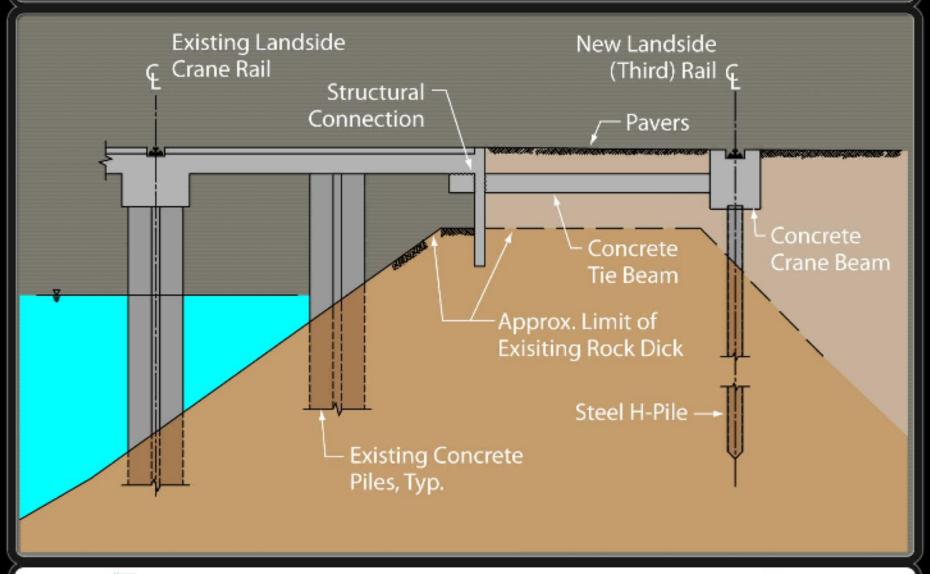
Third Rail for 100' Gauge Cranes







New Landside Crane Rail







Berth Deepening

