

# Capital Improvement Projects

Second Quarter Report 2012  
Commission Briefing



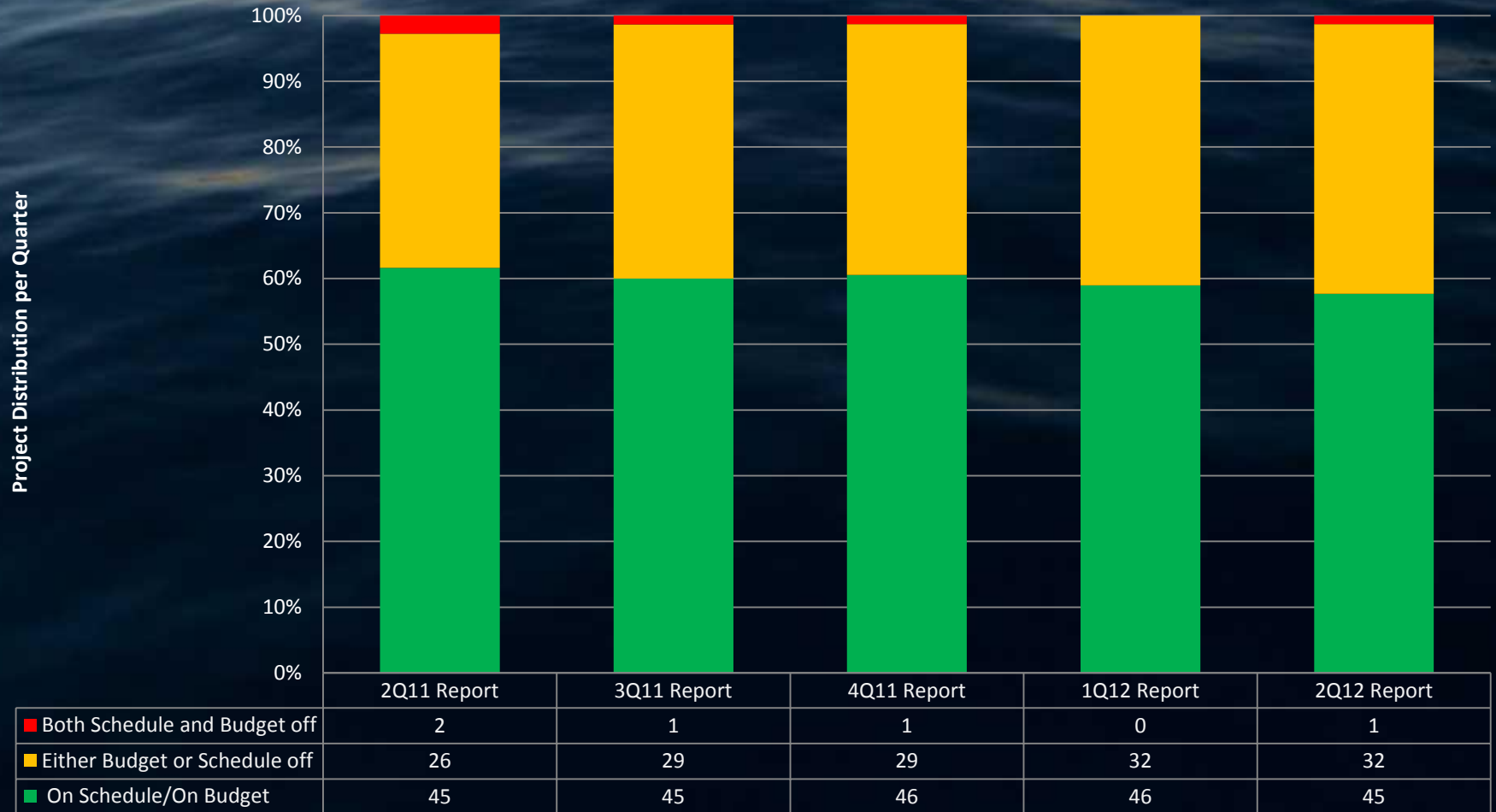
Port  
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## Capital Improvement Projects Overall Status of Projects

- 91 Total Projects in report
- 53 Projects are within or ahead of target schedule and budget
- 37 Projects have either target schedule or budget off
- 1 Project has both target schedule and budget off

## Project Status Total CIPs Managed by CDD



## AVIATION PROJECT SUMMARY

- Five projects are behind schedule:
  - Water System Isolation Valve Upgrade (4 months) - To minimize potential for operational impacts, the final sets of valves will be installed after the busy summer travel season.
  - Parking System Replacement (3 months) – Advertisement and negotiations took longer than anticipated; Factory Acceptance Test was delayed due to a scheduled plant shutdown; and installation schedule was delayed due to failure of some system components to pass testing.
  - Two New CTE Freight Elevators (12 months) –The project is anticipating a one year delay due to scope changes included in the redesign efforts, caused by interferences with ongoing Pre-Conditioned Air Project and Alaska Air Group (AAG) relocation program.

## AVIATION PROJECT SUMMARY, Cont.

- Five projects are behind schedule (cont.):
  - Access Control Door Additions (6 months) – The project is being redesigned and rebid; original proposal only produced one bidder, at 48% above the Engineer's Cost Estimate.
  - Miscellaneous Building Improvements – Airline Realignment (5 months) – Due to a delay in final agreement on gate assignments for regional aircraft, the project design start was delayed, causing a delay in anticipated completion.
- Two projects are over budget:
  - Two New CTE Freight Elevators (\$1.6 million) – The project forecast is increased due to the redesign efforts (discussed in schedule delay).

## AVIATION PROJECT SUMMARY, Cont.

- Two projects are over budget (cont.):
  - Vertical Conveyance Modernization (\$2.1 million) – Total project cost has increased due to several factors, including: relocation of the TSA Checkpoint; additional RMM costs associated with the demolition and construction of a new non-sterile bypass corridor; replacing the C-23 take-away baggage belt; and increasing the escalation rate from 3 to 3.5%.

## AVIATION PROJECT SUMMARY, Cont.

- Cost of Construction Growth:
  - Terminal Escalator Modernization (25.7%) – Significant cost growth due to:
    - Electrical upgrades to address the condition of 40 year old wiring and electrical panels.
    - Aesthetic upgrades to the escalators, associated cladding, and passageway under escalators.
    - Re-phasing of work to lessen the impacts on passenger circulation and airport operations, and address unanticipated security concerns.
    - Varying site conditions impacting hoisting plans for the escalators, escalator pit conditions/alignment to accommodate new and wider units, and miscellaneous MEP items.

## SEAPORT PROJECT SUMMARY

Two Projects had second quarter schedule variances

- T-18 Pile Cap Repair Pilot Project repairs are taking longer and costing more than expected.
- T-5 crane cable reel installation has been postponed by the tenant until 2013.



## CORPORATE PROJECT SUMMARY

Three projects with a new reportable schedule variance this quarter:

- CUSS Kiosk Enhancement – New kiosks were installed on schedule but project change requests to update the kiosk manager and purchase a test kiosk were approved to improve maintenance capability. This will result in a 3-month delay for project completion.
- Maintenance Planning & Scheduling – Software was installed on schedule but Aviation Maintenance and Marine Maintenance are evaluating the need for additional licenses that will delay project completion by 3 months.
- Time Clock – Vendor was unable to deliver software that functioned in our environment per contract. The project team is evaluating options for moving forward.

## Small Business Contracting

<b><u>SB by SBA Standard</u></b>	<b><u>2010 Actual</u></b>	<b><u>2011 Actual</u></b>	<b><u>2012 Goal</u></b>	<b><u>2012 To Date</u></b>	<b><u>2013 Proposed</u></b>	<b><u>2012 SCS</u></b>
Major Construction	16%	29%	8%	30%	20%	8%
SW Construction	83%	62%	60%	67%	60%	14%
Goods and Services	14%	18%	10%	16%	20%	6%
Service Agreements			5%		10%	