

Capital Improvement Projects

Fourth Quarter Report
2014

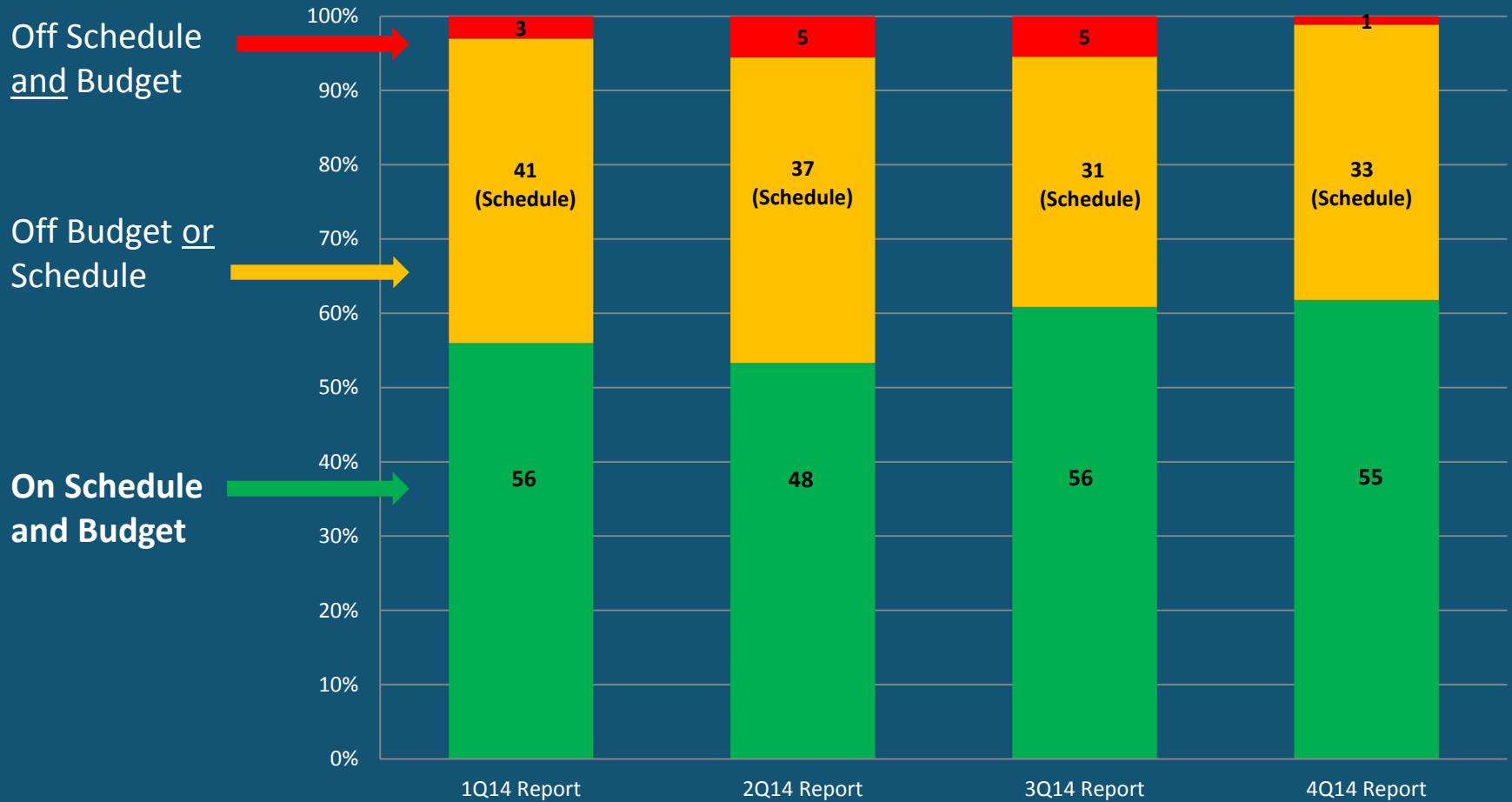
Commission Briefing

99 Capital Improvement Projects

Overall Status of Projects

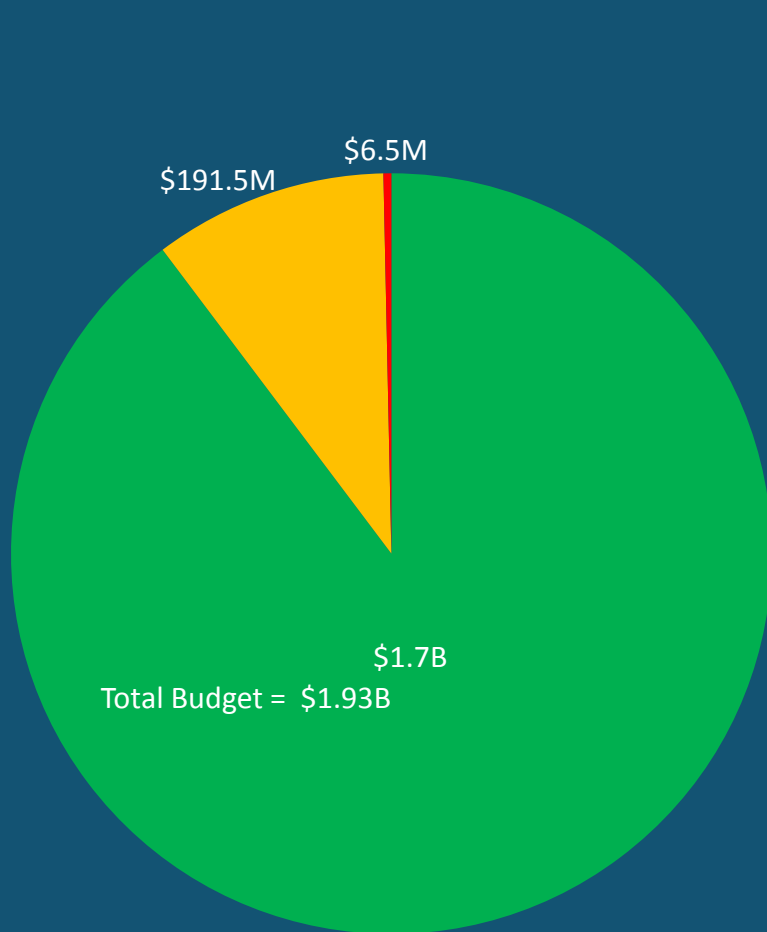
- 99 Total Projects in report (89 CDD, 10 ICT)
- 63 Projects are within or ahead of target schedule and budget
- 36 Projects have either target schedule or budget off with 10 new Reportable Variances for this Quarter.
- 1 Project has both target schedule and budget off with no new Reportable Variances for this Quarter.
- 8 Projects are Substantially Complete

CDD Projects by Status, by Quarter



Target: 60% green, 40% amber, 0% red

CDD Projects By Dollar Value



■ Project off schedule and budget

- Doug Fox Lot Service Upgrade - \$6.5M

■ Projects with Budget of \$25M or more that have a Schedule Variance

- Electrical Ground Support Equip. - \$30.2M
- Aircraft RON Parking USPS Site - \$45.6M

■ Other Projects with Budget of \$50M or more

- RW16C-34C Reconstruct Design – \$99.5 M
- North Expressway Relocation \$102.7 M
- Rental Car Facility – \$387.2 M
- International Arrivals Facility – \$344M
- NS NSAT Renovation NSTS Lobbies – \$399.7M
- Checked Bag Recap Optimization – \$317M
- E. Marginal Way Grade Separation – \$56.2M

Major projects are green.

AVIATION PROJECT SUMMARY

- Eight projects newly behind schedule:
 - C60-C61 Baggage Handling System - *Delayed due to high summer volumes limiting available construction time. Anticipated completion by end of Q1 2015.*
 - Aircraft RON – *Hardstand construction completed on time. Security gate and guard shack delayed due to weather. Anticipated completion by Q1 2015.*
 - CTE Freight Elevators – *completed in Q4 as planned, but one month later than originally scheduled.*
 - Concourse D Roof Replacement – *completed in January 2015, but later than originally planned.*

AVIATION PROJECT SUMMARY Continued

- Wi-Fi Enhancements - *delayed due to resource availability. Anticipated completion in Q2 2015*
- 2014-2015 Roof Replacement - *delayed due to 90% completing later than planned. Anticipated completion in Q4 2015*
- Automated Passport Control - *delayed due to additional kiosks being added with remaining budget.*
- Fiber Infrastructure to Backstands - *delayed due to Wi-Fi Audits and additional scope added. Anticipated completion in Q1 2016*

AVIATION PROJECTS

Substantial Completion



Aircraft Remain-Overnight facility



Cargo 2 West Cargo Hardstand

AVIATION PROJECTS

Substantial Completion



North Utility Tunnel Steam Pipe



Concourse D Roof Replacement

AVIATION PROJECTS

Substantial Completion



Refurbish Bag Claim Device



Central Terminal Freight Elevator #2

AVIATION PROJECTS

Q4 Budget Returns

Project Name	Date	Type	Amount
No. Expressway Relocation Phase	12/17/2014	Cash Flow savings	\$162,000
Cargo 2 West Cargo Hardst	12/17/2014	Projected Savings	\$2,000,000
Vertical Convey Modernization	12/17/2014	Bid Adjustment	\$2,000,000
Aircraft RON Parking USPS	12/17/2014	Projected Savings	\$5,000,000
Two New CTE Freight Elevators	12/17/2014	Savings	\$500,000
Concourse D Common Use En	12/17/2014	Project Closeout	\$25,000
Concourse D Roof Replacement	12/17/2014	Savings	\$160,000
STIA 2nd Flr Mezz Infra U	12/17/2014	Projected Savings	\$100,000
Lagoon 3 Bird Wires	10/7/2014	Project Closeout	\$10,363
Airfield Pavement Replace	10/3/2014	Savings - IC adjustment	\$5,294,282
Total			\$15,251,645

Aviation Budget Transfers

- \$1.75M transferred from North Satellite STS Ceiling Leak Repair to North Star NSAT STS Lobbies

Approved by Commission 1/6/2015



Seaport Project Summary

- One project has a newly delayed schedule
 - IHI Cranes Removal
 - Negotiations with the contractor make it difficult to estimate a completion date.

Seaport/Real Estate Projects Substantial Completion



P69 Carpet Replacement

Seaport/Real Estate Projects Substantial Completion



P69 Roof Replacement

Seaport/Real Estate Budget Transfers

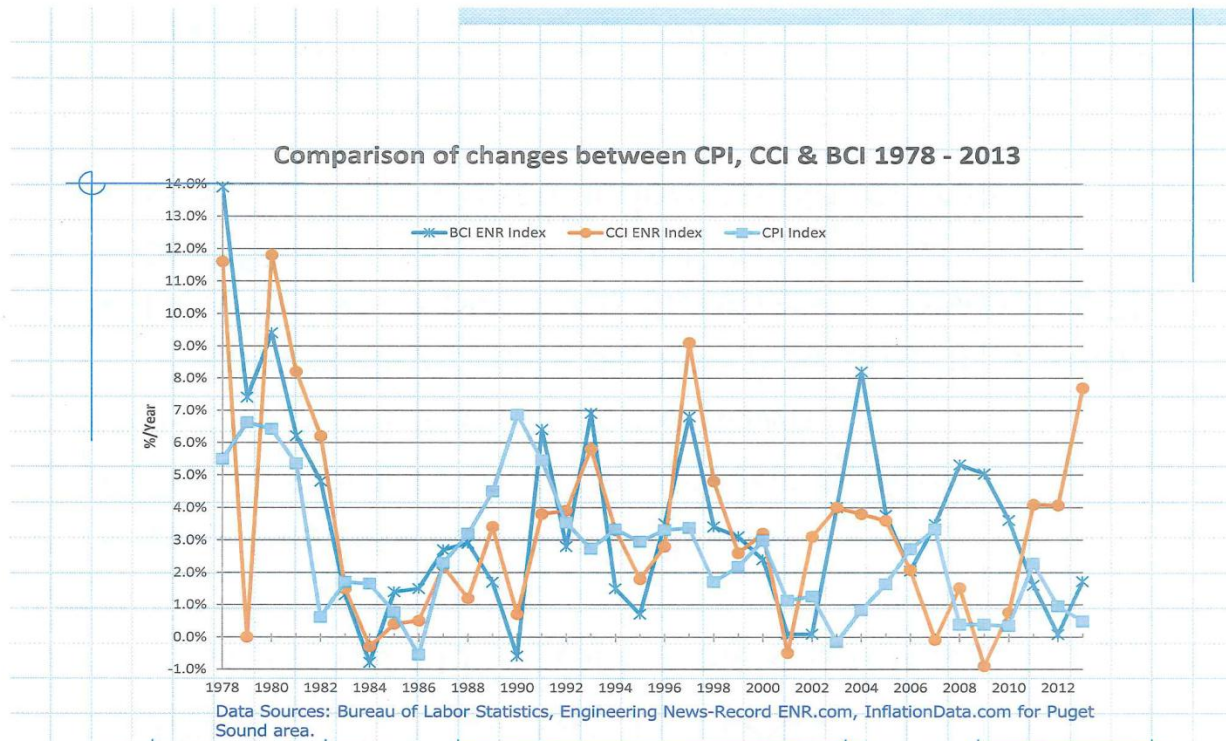
- \$95,867 from T5 Street Vacation Completion
- \$91,000 to T18 Street Vacation
- \$4,867 to T18 Complete Construction Issues.

Notification required by Resolution 3605

CORPORATE PROJECT SUMMARY

- One project is newly behind schedule:
 - Construction Document Management
 - Procurement took 7 months longer than planned to complete, resulting in a 6 month delay to the project.*

Construction Inflation Differs from Consumer Inflation



Construction Cost Escalation Rise is Likely

- Construction marketplace is volatile
- Depends both on factor pricing and on competition
- Sectors vary
 - Grease Traps
 - Center Runway
- Procurement pricing methods vary
 - D-B-B and D/B sealed bid
 - PD/B and GC/CM price factors/negotiated
- Cost information is rearward-looking
- Time of advertisement matters
- Contract escalation terms
- Industry feedback

T-46 Stormwater Management - Video

