Your New SLC Airport

Status Update: 5-24-2018

Salt Lake City International Airport

Salt Lake City International Airport

The need for The New SLC: Aging Facilities

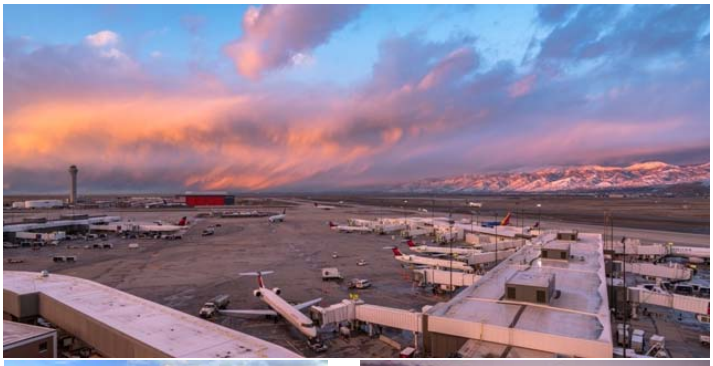
Terminal Redevelopment Program – Airfield Challenges

Single Taxilane Between Concourses B & C

Operational Constraints:

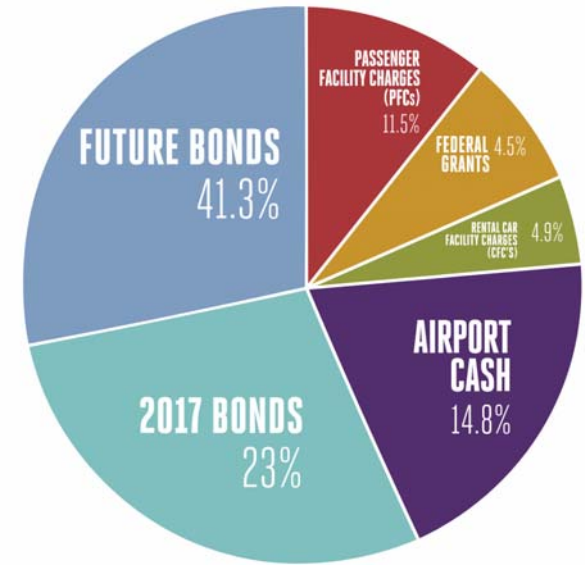
- **Congestion in pockets between concourses**
- **Lack of gate flexibility (only 55 gates with jet bridges)**
- **No loading bridges in Concourse E**
- **Limited international gate capacity (3 gates)**
- **Fueling System misaligned**

Terminal Redevelopment Program – Sense of Place



Managing the Program

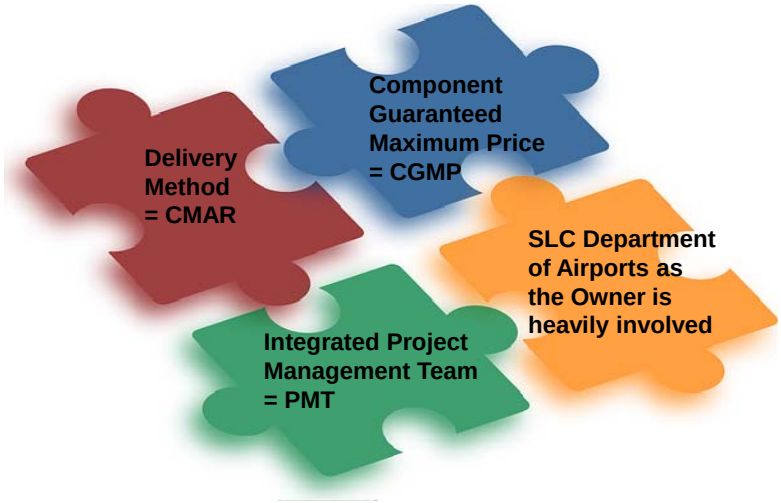
Budget Allocation



SLC Oversight Committees

Requests from Airlines, and Facility Requirements → **Airport Staff and SLCDA Advisory Board** → **Approval from SLC Mayor and SLC City Council**

Finance Oversight Committee → **Design Review Committee** → **Construction Committee**



Salt Lake City International Airport

Salt Lake City International Airport

CGMP# 4 – Landside and Airside Enabling

Project: CGMP# 4 - Landside and Airside Enabling	CGMP R0: $81.09M CGMP R1: $79.52M EAC: $79.1M

Terminal/South Concourse West/Gateway/Roadways/Airside and Landside Enabling and Central Utility Plant Hydronic Piping

Current Status

Schedule

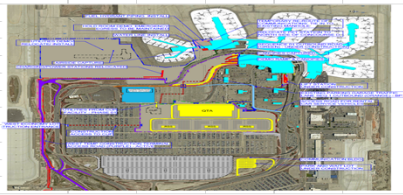
Activity	Target Date
Complete Seq 2 Tunnel Excavation	Dec 2016 A
Complete SCW Surcharge	Dec 2016 A
Complete West Lift Station Pumps	Mar 2017 A
Complete SCW Ductbank	Mar 2017 A
Complete Gateway Hydronic Piping	May 2017 A
Substantial Completion	Sep 2017

Concerns/Issues/Risks

* None at this time

Recent Milestones Achieved

* Mid-Concourse Tunnel Tie-in Structural Steel Erection Complete
* Concrete tie-in underway.
* Close-out Process Underway
* Final CGMP Close-out Dependent on Mid-Concourse Tunnel Construction Completion



CGMP# 5 – Terminal/South Concourse West/Gateway

Project: CGMP# 5 - Terminal/Gateway/SCW	CGMP R0: $795.35M CGMP R1: $788.35M CGMP R2: $795.39M CGMP Pending: $828.46M EAC: $828.46M

Terminal/Gateway/South Concourse West - Foundations, Structure, Building Envelope and Build-out

Schedule

Activity	Target Date
Complete Terminal Foundations	Feb 2018 A
Complete Terminal Structural Stl	Jul 2018
Complete SCW Temporary Dry-in	Sep 2018
Term Mech Rms Ready for Equip	Nov 2018
SCW Mech Rms Ready for Equip	Dec 2018
Gateway Structure Complete	Apr 2019

Concerns/Issues/Risks

* Impact of Scope Change Requests.

Recent Milestones Achieved

* Terminal Structural Steel Erection Continues on schedule.
* Terminal Roofing and Exterior Sheathing underway and on schedule.
* Terminal Plaza Curtainwall Framing underway.
* SCW 2nd Moving Walk installation completed.
* SCW Ext Metal Panel and Glass installation continues.

CGMP# 6 – Roadways/Parking Garage/Central Utility Plant

Project: CGMP# 6 - Parking Garage/Roadways/Central Utility Plant/Project-Wide Special Systems	CGMP R0: $363.86M CGMP R1: $359.49M CGMP Pending: $361.98M EAC: $361.98M

Parking Garage/Rental Car Ready Return/Elevated and At-Grade Roadways/Central Utility Plant/Project-Wide IT and Special Systems

Schedule

Activity	Target Date
Complete CUP Chiller Installation	Dec 2017 A
CUP Dry-in	Mar 2018 A
CUP Permanent Power available	Mar 2018 A
Deliver Elevated Roadway Girders	Mar 2018 A
CUP Operational	May 2018
Parking Garage Roofing Complete	Aug 2019

Concerns/Issues/Risks

- RMP Permanent Power installation delay.

Recent Milestones Achieved

- Parking Garage Level 2, 3, 4 and 5 Soffolding and Concrete Proceeding.
- Roadway Deck Forming and Concrete west side of Terminal underway.
- CUP Permanent Power installation underway by Rocky Mountain Power.
- CUP Exterior Metal Panel installation comopleted.
- CUP Equipment piping and wiring continues.

CGMP# 7 – Baggage Handling System

Project: CGMP# 7 - Baggage Handling System including TSA Screening Area	CGMP R0: $86.09M CGMP Pending: $87.34M EAC: $87.34M

Terminal/Gateway/South Concourse West and TSA Screening Area Complete Bagage Handling System IT and Special Systems

Schedule

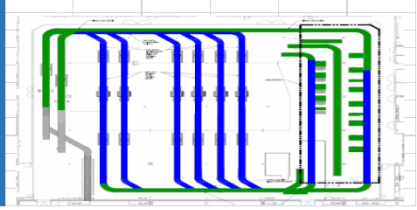
Activity	Target Date
Issue NTP	Sep 2016 A
Start BHS Hanger Installation	Aug 2017 A
Install TSA Provided Equipment	Jun 2019
Start BHS Testing and Commissior	Nov 2019
Start TSA BHS Acceptance Testing	Mar 2020
BHS Substantial Completion	May 2020

Concerns/Issues/Risks

- None at this time.

Recent Milestones Achieved

- BHS SCW Conveyor Installation underway.
- BHS Terminal Tunnel Conveyor Installation Continues.
- BHS Terminal Conveyor Installation started.



CGMP# 9 – Apron Paving – Taxilane 20/21

Project: CGMP# 9 - Apron Paving - Taxilane 20/21 and Taxiway A/B	CGMP R0: $26.76M CGMP R1: $25.67M EAC: $23.97M

Initial Portion of Apron Paving that will Utilize $10 million in AIP Funding and also Support Fence Installation f North Concourse Site.

Schedule

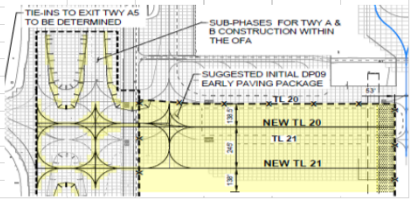
Activity	Target Date
Issue NTP	April 2017 A
Taxiway 'B' Reopens	Sep 2017 A
Taxilane 21 Reopens	Dec 2017 A
Taxiway 'A' Complete	Nov 2017 A
CGMP# 9 Bulletin# 1 Close-out	Mar 2018

Concerns/Issues/Risks

* None at this time.

Recent Milestones Achieved

* CGMP# 9 Substantial Completion Documentation Submitted for Review.
* CGMP# 9 Final Punchlist completion underway.
* CGMP# 9 Final Close-out activities underway.



CGMP# 9A – SCW Apron Paving and Hydrant Fueling

Project: CGMP# 9A - SCW Apron Paving and Hydrant Fueling	CGMP 9A R0: $76.14M EAC: $76.14M

Apron Paving and Hydrant Fueling that will Support SCW Opening Day.

Schedule

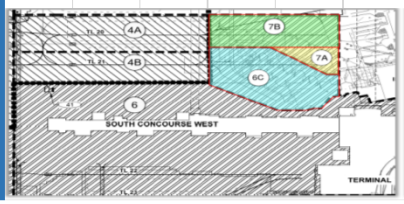
Activity	Target Date
Issue NTP	Dec 2017 A
Construction Start - Fueling	Jan 2018 A
Construction Start - Paving	Apr 2018
Taxiway 'B' Phase 6A Complete	Jul 2018
Taxiway 'B' Phase 6B Complete	Oct 2018
Taxiway 'B' Phase 6 Complete	Jul 2020

Concerns/Issues/Risks

* None at this time.

Recent Milestones Achieved

* Fueling Trade Contractor welding and installating p
* Taxiway 'A' Site Captured.
* Taxiway 'A' Lighting and Electrical underay.
* Taxiway 'A' PCC Paving underway.



CGMP# 15 – NCP Enabling Phase 1

Project: CGMP# 15 – NCP Phase 1 Enabling | **CGMP R0: $28.2M EAC: $28.2M**

North Concourse Phase 1 Enabling Construction including Ground Improvement and Driven Piles.

Schedule

Activity	Target Date
Start Enabling Construction	Jan 2018 A
Start Driven Piles	Jun 2018
Complete Stone Columns	Jul 2018
Complete Driven Piles	Aug 2018
Start Outer Ramp Sitework	Aug 2018
Substantial Completion	Aug 2018

Concerns/Issues/Risks

- None at this time.

Recent Milestones Achieved

- Stone Column installation underway with two cranes.
- Building footprint cleared of utilities.
- Building Pad complete.

Salt Lake City International Airport

CGMP# 16 – NCP Phase 1

Project: CGMP# 16 – NCP Phase 1 | **Budget: $296.0M**
CGMP Increment 1: $166.70M
CGMP Increment 2 Pending: $262.84M

North Concourse Phase 1 including Building Structure, Enclosure and Interior Fit-out for 20 Gates.

Schedule

Activity	Target Date
CGMP Increment 1 Executed	Apr 2018 A
CGMP Comprehensive Executed	Jun 2018
Start Building Foundations	Jul 2018
Start Building Structure	Oct 2018
Start Building Enclosure	Dec 2018
Start Building Interior Constructior	DEC 2018

Concerns/Issues/Risks

- Tarrif price increases.

Recent Milestones Achieved

- All Trade Bids received.
- Trade Contractor scoping sessions completed.
- MEP Trade Contractors mobilizing.
- CGMP Increment 2 to incorporate Building Enclosure Trade Contractors under review.
- Stone Columns complete at Mid-Concourse Tunnel and moving to west end.

Salt Lake City International Airport

Project Statistics

Safety Statistics Through 5/4/2018			TRP/NCP Trade Staffing 5/4/2018
126 Days without a Lost Time Injury			1295 Trade Workers on Site
2,636,091 Hours Worked to Date			

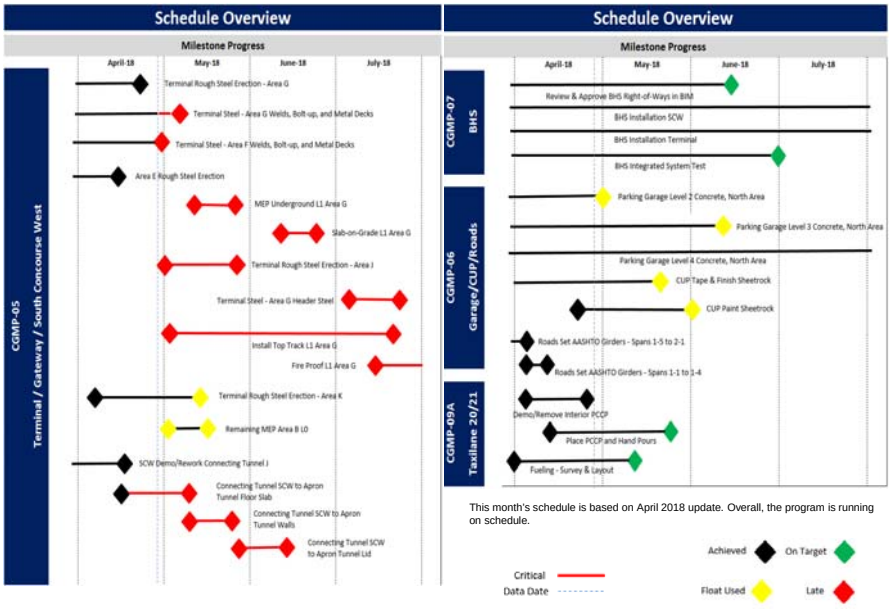
Contract Local/Non-Local Awarded Statistics

Local Trades	Dollar Value	Trade Count	Percentage
Total Local (Wasatch Front) Contractors	$864,063,237	81	68%
Total Out of State Contractors	$406,581,529	17	32%
Total Contract Awards	$1,270,644,766	98	100%

Contract Union/Merit Shop Awarded Statistics

Union Trades	Dollar Value	Trade Count	Percentage
Total Union Contractors	$437,059,661	23	34%
Total Merit Shop Contractors	$833,585,105	75	66%
Total Contract Awards	$1,270,644,766	98	100%

Near Term Schedule

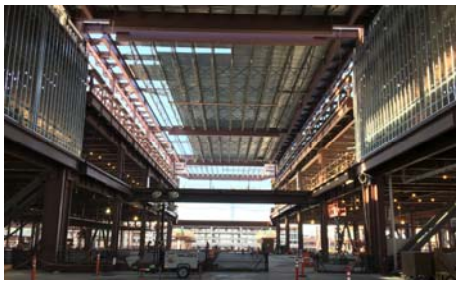


Overall Airport Redevelopment Program Tracking Budget

April 2018	Original Budget	Revisions	Revised Budget	Spent	EAC
CGMP 01 - HDJV Preconstruction Services	$ 9,575,407		$ 9,575,407	$ 9,575,407	$ 9,575,407
CGMP 02 - HDJV General Conditions Services	$ 105,983,964		$ 105,983,964	$ 41,986,823	$ 105,983,964
CGMP 03 - QTA/RSS Site Work, Utilities, Civil Enabling Ph 1	$ 88,721,327		$ 88,721,327	$ 88,721,327	$ 88,721,327
CGMP 04 - Landside/Airside Enabling	$ 81,096,442	$ (1,581,371)	$ 79,515,071	$ 75,435,012	$ 79,515,071
CGMP 05 - Terminal/SCW/Gateway	$ 788,346,442	$ 7,047,049	$ 795,393,491	$ 302,125,419	$ 795,393,491
CGMP 06 - Parking Garage, Roadways, CUP	$ 363,855,782	$ (4,364,924)	$ 359,490,858	$ 117,452,488	$ 359,490,858
CGMP 07 - TRP Baggage Handling System	$ 87,585,765		$ 87,585,765	$ 20,290,082	$ 87,585,765
CGMP 09 - Taxilanes 20&21/Taxiways A&B	$ 26,761,610	$ (1,100,754)	$ 25,660,856	$ 22,379,029	$ 25,660,856
CGMP 09A - Apron Paving & Fueling/SCW	$ 76,135,399		$ 76,135,399	$ 1,582,897	$ 76,135,399
CGMP 10 - South Concourse East (SCE)	$ 395,174,615		$ 395,174,615		$ 395,174,615
CGMP 11 - Apron Paving & Fueling SCE	$ 201,388,791		$ 201,388,791		$ 201,388,791
CGMP 12 - Existing Structure Demolition	$ 20,788,411		$ 20,788,411		$ 20,788,411
CGMP 13 - AOJV Preconstruction Services	$ 15,483,607		$ 15,483,607	$ 9,223,169	$ 15,483,607
CGMP 14 - AOJV General Conditions Ph 1	$ 87,131,130		$ 87,131,130	$ 4,105,297	$ 87,131,130
CGMP 15 - NCP Enabling Ph 1	$ 28,222,187		$ 28,222,187	$ 5,050,503	$ 28,222,187
CGMP 16 - North Concourse Ph 1 & Mid-Concourse Tunnel	$ 297,192,031		$ 297,192,031		$ 297,192,031
CGMP 17 - NCP Baggage Handling System	$ 56,071,065		$ 56,071,065		$ 56,071,065
CGMP 18 - NCP Apron Paving & Fueling Ph 1	$ 83,323,433		$ 83,323,433		$ 83,323,433
CGMP 19 - North Concourse Ph 2 & Central Tunnel	$ 212,535,351		$ 212,535,351		$ 212,535,351
CGMP 20 - NCP Apron Paving & Fueling Ph 2	$ 42,110,130		$ 42,110,130		$ 42,110,130
CGMP 21 - NCP FF&E/Furniture	$ 4,121,026		$ 4,121,026		$ 4,121,026
Total Program Construction	**$ 3,071,603,915**	**$ -**	**$ 3,071,603,915**	**$ 697,927,451**	**$ 3,071,603,915**
TRP Soft Cost	$ 271,316,222		$ 271,316,222	$ 165,384,073	$ 271,316,222
NCP Soft Cost	$ 153,950,554		$ 153,950,554	$ 26,483,278	$ 153,950,554
Total Program Soft Cost	**$ 425,266,776**	**$ -**	**$ 425,266,776**	**$ 191,867,351**	**$ 425,266,776**
Terminal Redevelopment Program (TRP) Owner Reserve	$ 38,482,957		$ 38,482,957		$ 38,482,957
North Concourse Program (NCP) Owner Reserve	$ 40,617,352		$ 40,617,352		$ 40,617,352
Total Program Owner Reserve	**$ 79,100,309**	**$ -**	**$ 79,100,309**	**$ -**	**$ 79,100,309**
Total Airport Redevelopment Program	**$ 3,575,971,000**	**$ -**	**$ 3,575,971,000**	**$ 889,794,802**	**$ 3,575,971,000**

Job Progress Photos – Terminal Building

Partial Terminal looking northeast



Terminal Building steel looking south in the “Canyon”

Plaza Curtainwall Framing

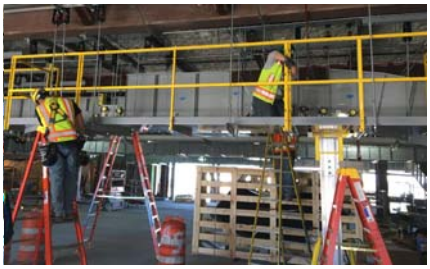
Baggage Handling System in the Terminal Tunnel

Job Progress Photos – South Concourse West

Mid-Concourse Tunnel area steel in floor slab

Curtain Wall installation at the north side of SCW

Working on the Wind Girts at the west side of SCW



Baggage System installation in SCW

Job Progress Photos – Parking Garage, Roadways, CUP

Parking Garage looking north

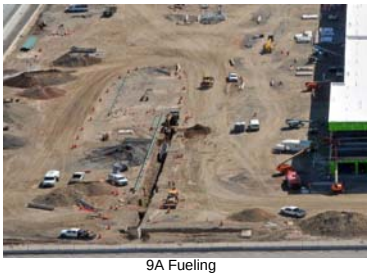
Central Utility Plant looking northwest

Elevated Roadway Bridge looking west

Job Progress Photos – 9A Airfield & Fueling

9A Taxiway A looking east

Taxiway A looking south west



9A Fueling

Job Progress Aerial

Terminal Progress

N

Job Progress Photos – North Concourse

Start of Stone Column Installation

Stone Columns Underway

Salt Lake City International Airport

Terminal & Elevated Roadway

Salt Lake City International Airport

Parking Garage – Level 2

Gateway Center

Terminal – Ticket Lobby – Level 3

The Plaza

The Canyon – Meeter/Greeter Area and Security Checkpoint

Salt Lake City International Airport

Linear Concourse

Salt Lake City International Airport

Airside View of the Plaza