

MEMORANDUM

To: Rhonda Hamm-Niebruegge, Gerald Beckmann, Ronald Stella,
Antonio Strong

From: Joseph J. Ebert, Engineering

Date: June 14, 2017

Re: Project Updates for June 2017

Projects Bid / Contracts Pending

- 1) Terminal 1 Baggage Claim Dr. to Ticketing Dr. Staircase – **EB1603**
Bids for this project open on June 27
- 2) 2017 Terminal 1 Concourse A Gate Electrification - **IP1704**
Bids for this project open on June 20, 2017
- 3) Reconstruction of Taxiway K, Txy S from E to 12R-30L, Widening
of K fillet, Rehab of Rnwy 12L-30R – **EA1702**
Bids for this project opened on June 6, 2017. Millstone Weber is
the apparent low bidder.
- 4) Repair Ceiling and Curtain under Concourse C Bridge
BM9704 – Bids for this project opened on June 6, 2017.
Ben Hur construction is the apparent low bidder

In Construction

- 1) Waterline Separation – SLIA / MoAng
TGB: \$188,000.00 - **EWA90074-17**
NTP issued 6/5/2017
Anticipated substantial completion: 8/2017
- 2) 2017 Spot Slab Roadway Pavement Repairs – **EB1503**
SBC Contracting: \$269,240.00. **EWA90073-17**
NTP issued 5/29/17
Anticipated substantial Completion: 8/2017

- 3) Reconstruction of Taxiway Victor Connector - EA1603
Millstone Weber: \$3,712,671.00. – C19969
NTP to be issued 5/8/2017
20 % Complete
Anticipated substantial completion: 9/2017.
- 4) Restroom Renovations – Concourse D, EB1702B
Ben Hur Construction: \$262,495.00 - EWA90060-17
95% Complete.
Anticipated Substantial completion: 6/14/2017.
- 5) Lindbergh Tunnel Systems Upgrade and Power and Lighting Upgrade, OP1504, IP1615
Aschinger Electric: \$608,620.00 - EA17-002
55% complete.
Anticipated substantial completion: 9/2017.
- 6) 2016 Terminal 1 and Terminal 2 Customs Roof Renovations – IP1611, IP1612
Bartch Roofing: \$270,656.00. C19957
NTP was issued 11/2/2016
100% Complete.
Substantial completion achieved: 4/11/2017.
Estimated closeout: 9/2017
- 7) Reconstruction of Taxiway Echo from Taxiway Juliet to Runway 30R - EA1502
Millstone Weber: \$9,134,448.00 - C19955
65% complete. Estimated substantial Completion: 7/2017
- 8) Airport Office Building Generator – ES0602E
Aschinger Electric: \$349,960.00. C19954
100% Complete. Estimated closeout: 9/2017
- 9) Replacement of the Airport Lighting and Monitoring System
EA1501 - Aschinger Electric: \$491,335.00 – C19952
100% Complete
Substantial Completion achieved: 4/27/2017
Estimated closeout: 10/2017

- 10) Replacement of Waterline from Concourse C to D, and Rehabilitation of Gate C10 Trench Drain – EA1504, OP1503
TGB Inc.: \$1,129,068.27 - C19946
100% Complete on base contract.
Substantial Completion achieved: 6/1/2016. Work continues on additional joint work at T2. Estimated closeout: 9/2017
- 11) East Plant Chiller #2 Replacement – CC0804, CC1401
Mechanical Solutions Inc. \$2,006,550.00. C19937
99% complete. Substantial completion achieved: 7/28/2016.
Additional work to be performed in summer of 2017. Estimated substantial: 9/2017
- 12) Reconstruction of TXY Foxtrot, Txy K to J; Reconstruction of Txy Juliet, Txy F to R/W 12L/30R – EA1503A
Millstone Weber: \$7,086,770.25 – C19928
99% complete. Substantial completion achieved: 8/12/2016.
Estimated closeout: 7/2017
- 13) Reconstruction of Taxiway Echo – Sierra to Papa; Removal of Taxiway Echo –Runway 6/24 to Sierra – EA0701; and the Reconstruction of the North Apron (Lima Pad) – EA0603
Millstone Weber: \$9,326,827.70 - C19907
95% Complete. Substantial completion achieved: 11/12/2015.
Estimated closeout: 7/2017

Construction Projects being closed out

- 1) Repairs to Lambert International Blvd. Bridge over Airflight Dr. – EB0513 –
Concrete Strategies: \$2,347,255.41 - C19929
100% complete. Final completion achieved: 6/8/2017
Estimated closeout: 9/2017

- 2) Power Upgrades for Gates E-34, E-36, E-38 and E-40, **EB1702A**
Guarantee Electric: \$67,730.00 – **EA17-013**
Substantial completion achieved: 5/11/2017
Estimated closeout: 7/2017
- 3) Expansion of AOB Parking Lot, **IP1616**
Ben Hur: \$209,421.43 - **EA17-001**
100% Complete
Substantial completion achieved: 4/24/2017
Estimated closeout: 7/2017
- 4) Building 42 Entrance on Banshee Rd. - **IP1609**
Jackson Building Group: \$406,883.00. **C19953**
Substantial Completion achieved: 11/14/2016
Estimated closeout: 7/2017
- 5) Deicer tanks at Field Maintenance – **FM1501**
Orf Construction: \$426,634.00 - **C19944**
100% complete. Substantial completion achieved: 11/8/2016
Estimated closeout: 9/2017.
- 6) Service Animal Relief Areas (SARA), ADA compliance –
EB1605
Ben Hur: \$200,165.87- **EWA90093-16**
100% Complete. Substantial completion achieved: 12/5/16
Estimated Closeout: 8/2017.
- 7) AOB 4th Floor Renovations for Environmental / Safety Offices –
IP1607
Ben Hur: \$177,477.85 – **EA16-014**
100% Complete. Substantial completion achieved: 5/9/2016.
Estimated closeout: 7/2017
- 8) AOB Water Damage Repairs - **AOBREPR**
Ben Hur Construction – \$402,023.88 - **EWA90031-15**
100% complete. Estimated Closeout: 6/2017
- 9) East Climate Boiler Controls Upgrade – **CC0403**
Orf Construction - \$630,021.11 - **C19896**
Closed – will be removed from future reports.

- 10) Reconstruction of Txy Delta (6/24 to R), EA0601, Txy Echo (P to L) EA0803, and Removal of Txy November (12L/30R to E) EA1201 Millstone Bangert: \$8,596,356.43 – C19878
Substantial Completion achieved: 10/23/2014.
Estimated closeout: 6/2017

Projects in Design

- 1) Lindbergh Tunnel Inspection and Documentation
Jacobs Engineering Group
Contract is under negotiation
- 2) Design of Traffic Management Enhancement along Lambert International Blvd. (CMAQ)
CBB: \$249,999.87 – PSA 1203
Contract has been approved by MoDOT and is currently out for signature.
- 3) Engineering Design Services for Airfield Projects
Crawford, Murphy & Tilly: \$345,000.00– PSA 1192
- Task Orders #1-Design Services for Drainage Issue at Twy P/Twy Q Island-\$11,850.59.
 - Task Order #2-Land Services Appraisals-Brownleigh and West Carrollton-\$16,793.36.
 - Task Order #3-Design of Parking Area for Snow Removal Equipment in Field Maintenance Yard-\$17,670.61.
 - Task Order #4 – Apron Marking Revisions between Lima Pad and Juliet Pad - \$31,448.56
 - Task Order #5 – Independent Fee analysis for the Construction Management of the Taxiway K, S and Runway 12L-30R Project - \$2,583.94.

Year 1 of 3 - Estimated Completion: 5/2020

4) Design of the Realignment and Reconstruction of Txy K, and Reconstruction of Txy S from Txy Echo to Runway 12R-30L; and Rehabilitate Runway 12L-30R
Crawford, Murphy & Tilly: \$987,814.00– PSA 1189
Design 100% Complete
Contract will remain open during the construction phase.
Estimated closeout: 9/2018

5) Civil, Structural, Surveying, and Geotechnical Design Services
EDM Incorporated - PSA 1181
Ten Task Orders has been issued.

- Task Orders #1- Structural Analysis C Concourse \$42,858.13 - Complete
- Task Order #2- Conceptual design and cost estimating - Mail facility-\$5,700.00. - complete
- Task Order #3- Replace Concrete Staircase between T1 Arrivals and Departures- \$65,583.50. EB1603, (Complete for FY 2016 – See Task Order #9 for status)
- Task Order #4 – Conceptual Design T1 Garage Structural Upgrades and Repairs - -\$ 48,763.87. – 100% complete
- Task Order #5- On Call Structural Analysis- \$10,000.00. – 50% Complete EB1602
- Task Order # 6 - PR1601 - Replace Exp. Joints at T1 (EDM TO No. 5) - \$46,005.05 – 70% complete EB1601
- Task Order #7 – D concourse Speedwalk study – Complete
- Task Order #8 - D concourse existing Buildout study – 100% Complete
- Task Order #9 – Replace Concrete Staircase T1 – EB1603 - 100% complete. Project is out for bid. Task will remain open through construction.
- Task Order #10 – T1 garage Structural repairs – 60% complete.
- Task Order #11 – Re-coating of T1 Arrivals Dr. Under Negotiation
- Task Order #12 – Brown level structural repairs. 0% Complete. Estimated design completion: 9/2017

Year 2 of 3 year agreement.
Estimated completion: 4/2018

- 6) Design services for Chiller #2 Replacement, West Climate Control – **CC1502**
BRiC Partnership, LLC - \$292,839.78 - **PSA1177**
95% Complete, and placed on hold.
- 7) Lindbergh Tunnel System Upgrades - **OP1504, IP115**
Ross and Baruzzini, **EWA90063-16**
Project is under construction. Contract will remain until the construction phase is complete. Estimated completion 9/2017.
- 8) Design of the Reconstruction of the Airfield Lighting Control and Monitoring System - **EA1501**
WSP Parsons Brinkerhoff - \$200,385.80 - **PSA 1163**
100% complete. Contract will remain open during the construction phase. Estimated Closeout 10/2017.
- 9) Design of the Reconstruction of Taxiway Echo from Taxiway J to Runway 30R. - **EA1502**
Crawford, Murphy & Tilly: \$1,016,946.00 – **PSA 1168**
Design work 100% Complete. Contract will remain open through the construction phase. Estimated Closeout: 12/2018
- 10) Design of the Reconstruction of Taxiway Foxtrot – K to J; Reconstruction of Taxiway Juliet – F to 30R. **EA1503**
Crawford, Murphy & Tilly: \$755,598.00 – **PSA 1157**
Design work 100% Complete. Record drawings and AGIS work remains to be completed. Estimated Closeout: 8/2017
- 11) Design Services for Airfield Projects FY970
Crawford, Murphy & Tilly, Inc - **PSA1131**
Not to Exceed \$100,000.00 Year 1, Not to Exceed \$100,000.00 Year 2 & Year 3.
 - Task Orders #1-Layout, Analysis, and Cost Estimates for New Infield Islands-\$3,527.81.

- Task Order #2-Design Aircraft Load Rated Sanitary Manhole and Prepare Construction Plans (Gate C1)- \$17,029.81.
- Task Order #3-Additional Design Effort for Aircraft Load Rated Sanitary Manhole near Gate C1- \$12,638.00.
- Task Order #4-Develop an ACIP Cost Estimate for Replacing Existing Aircraft Lighting Control System- \$6,348.96.
- Task Order #5-Runway 11-29 West Complex Shoulder Deterioration Investigation-\$16,567.08.
- Task Order #6-Gate C10 Scupper Drain Distress Investigation-\$11,462.07.
- Task Order No.7 – Assemble Plan set to Repair Faulty pavement at C10 Scupper - \$17,956.08 - EA1504
- Task Order No. 8 – Taxiway DEN AGIS (PSA 1123) & Record Drawing Completion: \$38,558.47.
- Task Order #9-Evaluation of Infield Drainage Issues near Taxiways F & P and Taxiways D & M- \$20,429.48.
- Task Order #10-Design to Repair an Existing Waterline Between Concourse C and Concourse D- \$61,360.41. OP1503
- Task Order #11-Design to Rehabilitate or Replace the Existing Service Road Adjacent to the Terminal Between Concourses AA and C-\$93,184.10. OP1502
- Task Order #12 – Design of New Access to Northern Cargo Development and Improvements to Existing ATS and Trans States Ramps - \$70,880.12
- Task 13 – Design for the Re-bidding of the Replacement of Existing Waterline from Concourse D to Concourse C, and the rehabilitation of Gate C-10 Trench - \$5,647.11. OP1503
- Task Order 14: Investigation into the Pavement Subsidence on the Charlie Pad. - \$18,226.56
- Task Order 15: - 30% to 100% Design of Txy V Connector for Northern Cargo Development and Improvements to Existing ATS and Trans States Ramps – \$334,311.12.

- Task Order 16: Land Use Planning for Springdale Lot - \$15,000
- Task Order 17: Layout of Apron Markings between Concourse C and T2, including Lima and Juliet Pads – \$9,425.00
- Task 18: Field Layout of Apron markings between Concourse C to Terminal 2 - \$33,358.95
- Task 19: Land Use Planning II – Kinloch - \$12,639.87
- Task Order #20: Land Use Planning III – Kinloch parcels for Ameren Easement: \$5,639.87
- Task Order 21: Electrical for 12L-30R

Year 3 of 3 year agreement.

Estimated Completion - 7/2017

12)

Mechanical and Electrical Design Services –

Burns & McDonnell – **PSA 1138** \$281,095.00

- Task #1: 480 volt Substation – Conc. A – **ES0504** 100% Complete.
- Task #2: CIP Concept & Budget Report. 100% Complete.
- Task #3: AA Office Steam and Chiller Pipe Feeds 100% complete.
- Fire lines investigation – Preliminary report 100% Complete. Field testing by new task order. **OP1501**
- AOB Water damage assessment – Complete
- AOB Generator Study: **ES0602E** - 100% Complete
- Fire Line Testing: 100% Complete **OP1501**
- CIP Project Estimating. 100% complete.
- Boeing Bldg. 42 Access - 100% complete.
- Task #9: Terminal 2 – Direct Digital controls – 100% complete, and under review.
- Boeing 42 Study/ Design/ Environmental
- National Guard Waterline separation
- Replace Non-Load Break 5KV dual Switches, T2, T3, T4 – **ES1601** 40% Complete – on hold
- Task19 - T2 Customs B.H.S. Conceptual Design. Finalizing Design –Build package.
- Task - 22 T1 Air Curtain Study – 100% Complete

- Task 23 – FIS-BHS Design – 100% complete, final plans under review.
- PA System Upgrades – 60% Complete – on hold
- Task 24 – EMCS – 5% complete

Year 3 of 3 year agreement.

13) Civil, Structural, Surveying, and Geotechnical Design Services
WSP Parsons Brinckerhoff **PSA 1124** - 100% complete for design work. Contract will remain open during construction phase for the remaining Task Order.

EB0903, EB1005, FM1501, EB1502

- T1 Ticketing Drive West Expansion Joint Repair - complete
- Repair L.I.B Bridge over Airflight Drive – design complete. CM to continue through construction.
- Water line relocation - cancelled
- Baggage Claim Drive Shoring Review - complete
- Parking Lot E Design – Complete, except for submission of record drawings.
- Expansion Joints at Terminal 2 - 100% - **EB1502**
- Deicer Storage Tanks at Field Maintenance – 100% complete. CM to continue through construction phase. - **FM1501**
- Banshee Rd. Legal Description – 100% complete
- LIB Median Landscaping Upgrades – 100% complete
- Climate Control Ponding – Design 100% complete. CM 100% complete.
- CM for LIB Bridge Construction – 100% complete except for record drawings. – **EB0903**

Year 3 of 3 year agreement.

Estimated completion: 7/2017 after Submission of all record drawings.

- 14) Architectural Design Services –
Grice -Trivers **PSA 1126** – 80% complete.
- T1-5 elevator design **BM1302** Complete
 - Salt storage Bldg. **EN1301** Complete
 - New Wall covering in T2 – 90% complete (on hold)
 - Observation Area – 40% complete (on hold).
 - Service Animal Relief Area: **EB1605** -100% Complete.
 - Restroom Renovations – Concourse D **EB1702C**:
100% Complete, except for record drawings.

Year 5 of 5 year agreement.

- 15) Design of Airfield/Airfield Security Projects Open Ended
EA0703
Crawford, Murphy & Tilly, Inc. - **PSA1070**
Not to Exceed \$600,000.00 Year 1, Not to Exceed \$200,000.00
Year 2 & Year 3.
- Task Orders #1 thru #16 have been closed.
Estimated closeout: 6/2017

Design Projects being closed out

- 1) Arc Flash – One Line Study - **EB1402**
Ross & Baruzzini **PSA 1158**
100% complete. Estimated Closeout: 8/2017
- 2) Design for the Removal of Txy Echo from Sierra to Papa; **EA0701**,
Removal of Txy Echo, Rnwy 6/24 to Sierra, **EA0701**; and the
Reconstruction of the North Apron (Lima Pad) **EA0603**
Crawford, Murphy & Tilly – \$1,092,187.00 - **PSA1139**
98% Complete. Estimated closeout: 10/2017
- 3) Program Management Consultant Services for the
Airport Experience Program (and 2011 Storm Recovery Effort)
Kwame Building Group- **PSA1043**
\$11,114,543.18
100% Complete. Estimated Closeout: 7/2017.