

Duluth Airport Authority Operations/Construction Update

January 19th, 2021



Consultant/Contractor Landscape

Planning

DLH Master Plan/Part
150 Study



DYT Master Plan



Consultant/Contractor Landscape

Construction

DAA 5 Year On-Call Engineer



Runway 9/27 Phase 3



Commercial Service Apron Expansion



Taxiway A Mill and Overlay



SRE Equipment Broom



Consultant/Contractor Landscape

Construction

DAA 5 Year On-Call Engineer



DYT Runway 14/32 – Phase 3



Consultant/Contractor Landscape

Construction

DAA 5 Year On-Call Engineer



Taxiway A Reconstruction – Phase 1

SRE Equipment – Multi-Function

?

?

2020 Funding Landscape



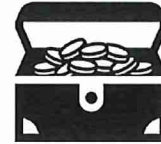
FAA Entitlements (DLH)
\$1,500,000/year
(Approx.)



FAA Entitlements (DYT)
\$150,000/year



MnDOT
?/year



FAA Discretionary
?/year



DAA
Local/PFC

*Had to borrow from 2021 Entitlements to accomplish all our projects.

Commercial Service
Apron Expansion



\$1,770,000

Taxiway A Mill and
Overlay



\$854,000

SRE Equipment
Broom



\$701,000

2021 Funding Landscape



FAA Entitlements (DLH)
\$1,500,000/year
(Approx.)



FAA Entitlements (DYT)
\$150,000/year



MnDOT
?/year



FAA Discretionary
?/year



DAA
Local/PFC

Taxiway A Reconstruction – Phase 1

?

\$9,000,000 Estimated

SRE Equipment – Multi-Function

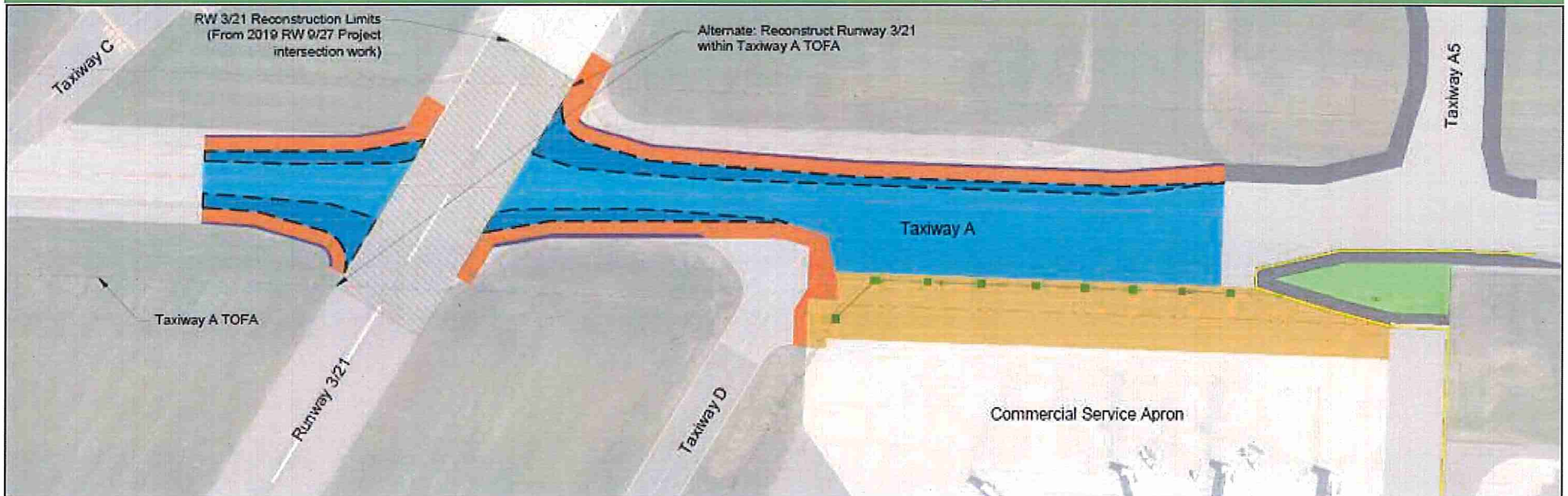
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\$1,200,000 Estimated

Terminal Roof Update

Joint Airport Zoning Board

B. Taxiway A Reconstruction – Phase 1 Final Design - SEH



Legend

	Eligible Concrete Pavement (132,324 SF) (Taxiway A, 50' width, TDG 3 Geometry)		Eligible Bituminous Pavement (56,267 SF) (TDG 3, 20' shoulders, incidental tie-in pavement)		Apron Reconstruction (86,020 SF) (Reconstruction required to ensure surface drainage. Falling pavement, work items incidental to Taxiway A Reconstruction and replacement of failing drainage structures)		Failing Storm Structure (Anticipated Rebuild)
	Ineligible Concrete Pavement (42,175 SF) (TDG 5 Geometry, additional 25' width)		Ineligible Bituminous Pavement (9,350 SF) (additional 5' of shoulder width)		Alternate: Runway 3/21 Reconstruction (69,032 SF) (Reconstruct to limits of Taxiway A TOFA)		Storm Sewer Pipe (Aligned with required structures to rebuild)

- Maintains existing Taxiway A width and shoulders
- Reconstruction of Taxiway A (1,800 feet x 75 feet)
- Reconstruction of taxiway shoulders (25 feet wide)
- Drainage structure and drain tile improvements
- Taxiway lighting, signage and lighting control upgrades

B. Taxiway A Reconstruction – Phase 1 Final Design - SEH

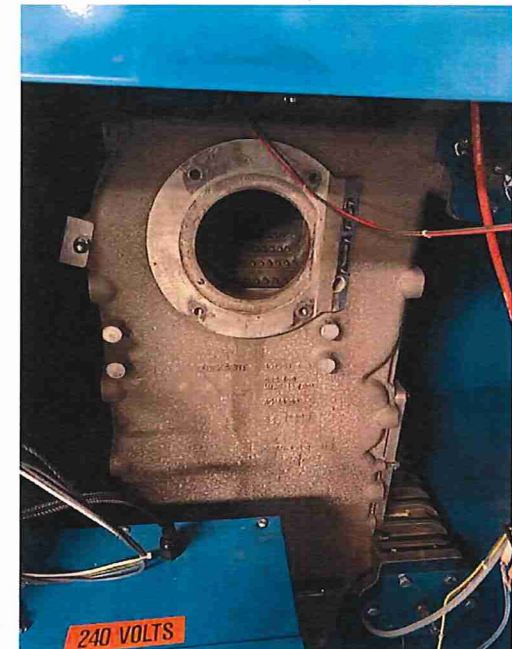
Project Budget and Funding

- Estimated total project cost - \$9,000,000
 - FAA eligible - \$7,900,000
 - FAA Discretionary grant - \$7,100,000
 - MnDOT Aeronautics grant - \$400,000
 - DAA share - \$400,000
 - FAA ineligible - \$1,100,000
- Available funding sources – MCCA, DAA

Anticipated Schedule

- Apr 19, 2021 – Project design complete, documents available for bidding
- May 6, 2021 – Project bid opening
- May 31, 2021 – FAA grant submittal
- Jun – Sept 2022 - Construction

C. Boiler Replacement - Jamar



C. Boiler Replacement - Jamar

REPAIR BOILERS OPTION 2- \$105,250.00 (recommended)

2. Our proposal is based on **providing/including** the following:
 - A. Provide labor and materials to replace (3) existing heat engines for the Mach 3000 boilers supplied by the OEM (*original equipment manufacturer*)
 - B. Provide and install (3) new burners on the new heat engine's being installed
 - C. Inspection / testing / start-up
 - D. Tools and Equipment

INSTALL FILTRATION - \$4740.00

3. Our proposal is based on **providing/including** the following:
 - A. Provide labor and materials to install (2) IWS 30 GPM filtration units – one on the chilled water and one on the hot water system
 - B. Provide (2) cases of filters
 - C. Inspection / testing / start-up
 - D. Tools and Equipment

Total - \$119,370.00

SYSTEM CLEAN-UP & ANALYTICAL TESTING - \$9380.00

4. Our proposal is based on **providing/including** the following:
 - A. Provide (1) drum of IC4777 hydronic system cleaner
 - B. Provide (1) drum of ICB-011G phosphate geothermal treatment
 - C. Provide (1) phosphate testing meter
 - D. Provide (1) conductivity & pH testing meter
 - E. Provide (1) year of lab sampling and testing with IWS
 - F. Tools and Equipment

D. IT Managed Service Bundle - Citon

- October 20th, 2020 – RFQ Posted
- November 10th, 2020 – RFQ Closed – 3 Submissions Received: Citon, Compudyne, and CW Technology.
- December 3rd, 2020 – Firm Presentations/Interviews
- December 7th, 2020 – Firm's Weighted Score Calculated based off written response to the RFQ as well as the individual presentation/interview.
- December 8th, 2020 – Scope of Work and contract creation/discussions begin with Citon
- December 23rd, 2020 – Draft contract and scope received from Citon
- January 5th, 2021 – Final contract documents received.

D. IT Managed Service Bundle - Citon



IT SPECIALISTS

70 passionate IT professionals focused on improving business through the creative application of technology



- | | | |
|-------------------|-------------------------------------|---|
| cloud services | COR2 business readiness assessment | backup & disaster recovery |
| security services | virus & ransomware defense | monitoring, alerting & automated patching |
| servers | enterprise storage & virtualization | IT project management |
| workstations | data center | consulting & professional services |
| managed services | helpdesk services | compliance consulting |
| Wifi | IT construction services | video conferencing |
| | | Internet Services |

HEALTHCARE | EDUCATION | FINANCE | GOVERNMENT | CONSTRUCTION | LEGAL | SMALL BUSINESS

VERTICAL EXPERIENCE

HOSPITALITY | CLINICS | NON-PROFITS | AGENCIES | START-UPS | AEROSPACE | REAL ESTATE | ENERGY | MANUFACTURING



Detailed structured cabling professionals dedicated to improving and securing device connectivity

CABLING AND FIBER SPECIALISTS

- low voltage/structured cabling
- video conferencing/presentation systems
- sound masking
- fiber optics
- audio/video equipment
- paging
- network clocks



Unified communications experts specialized in the delivery of voice and video services

VOICE SPECIALISTS

- hosted voice
- on-premise voice solutions
- contact center
- voice switching
- voice security/firewall
- call recording & paging
- video conferencing
- connectivity & internet



Physical security professionals dedicated to protecting our homeland's businesses

CAMERAS & INTELLIGENT ACCESS SPECIALISTS

- security assessment & consulting services
- smart monitoring/central station
- fire safety
- burglary/intrusion detection
- door access control
- security cameras and surveillance
- business/home automation

citon.com



D. IT Managed Service Bundle - Citon

Trusted by
these logos
and over
2000 more



Over 2000 Active customers

Over 75 Customers under some level of management

41 Fully managed customers

D. IT Managed Service Bundle - Citon

Contract Overview
Proactive, strategic approach to IT Management



Services included in the \$6500 monthly:

- ✓ Software for 24x7x365 Monitoring and reporting
- ✓ Remote helpdesk services
- ✓ On-Site Support
- ✓ Patch Management
- ✓ Full Managed Services on:
 - ✓ Desktops / laptops
 - ✓ Physical hosts and virtual servers
 - ✓ Switches
 - ✓ Firewall
 - ✓ Terminal Wifi
 - ✓ UPSs
 - ✓ Point to Point wireless to SRE and gates
 - ✓ Peripherals (I.e. printers, scanners, etc)
- ✓ Initial support and vendor management with system vendors:
 - ✓ Badge system
 - ✓ Camera system
 - ✓ Phone system
 - ✓ PA / Paging system
 - ✓ Control tower crash phone
 - ✓ Multi-function copier / scanner
 - ✓ Airport perimeter and parking lot gates
- ✓ O365 support
- ✓ New PC Installs
- ✓ Equipment recycling
- ✓ Anti-virus / anti-ransomware software and support
- ✓ SPAM filtering service and support
- ✓ Monitoring and management of data backups
- ✓ Backup policy creation and annual review
- ✓ Security policy creation and annual review
- ✓ Enhanced Network Monitoring
- ✓ Web content filtering
- ✓ Virtual CIO:
 - ✓ Asset / lifecycle management
 - ✓ Budgeting,
 - ✓ Planning,
 - ✓ Documentation,
 - ✓ Reporting
- ✓ Security Awareness Training
- ✓ Multi-factor Authentication
- ✓ Vulnerability Scanning
- ✓ Dark Web Scanning
- ✓ All services provided for Airport, SRE and Sky Harbor



Questions?