



TxDOT PLANNING AND PROGRAMMING

Topics





- ✈ Planning Studies
- ✈ CIP
- ✈ Communication, coordination, and collaboration
- ✈ Discretionary Funding
- ✈ Long-Term Strategic Plans



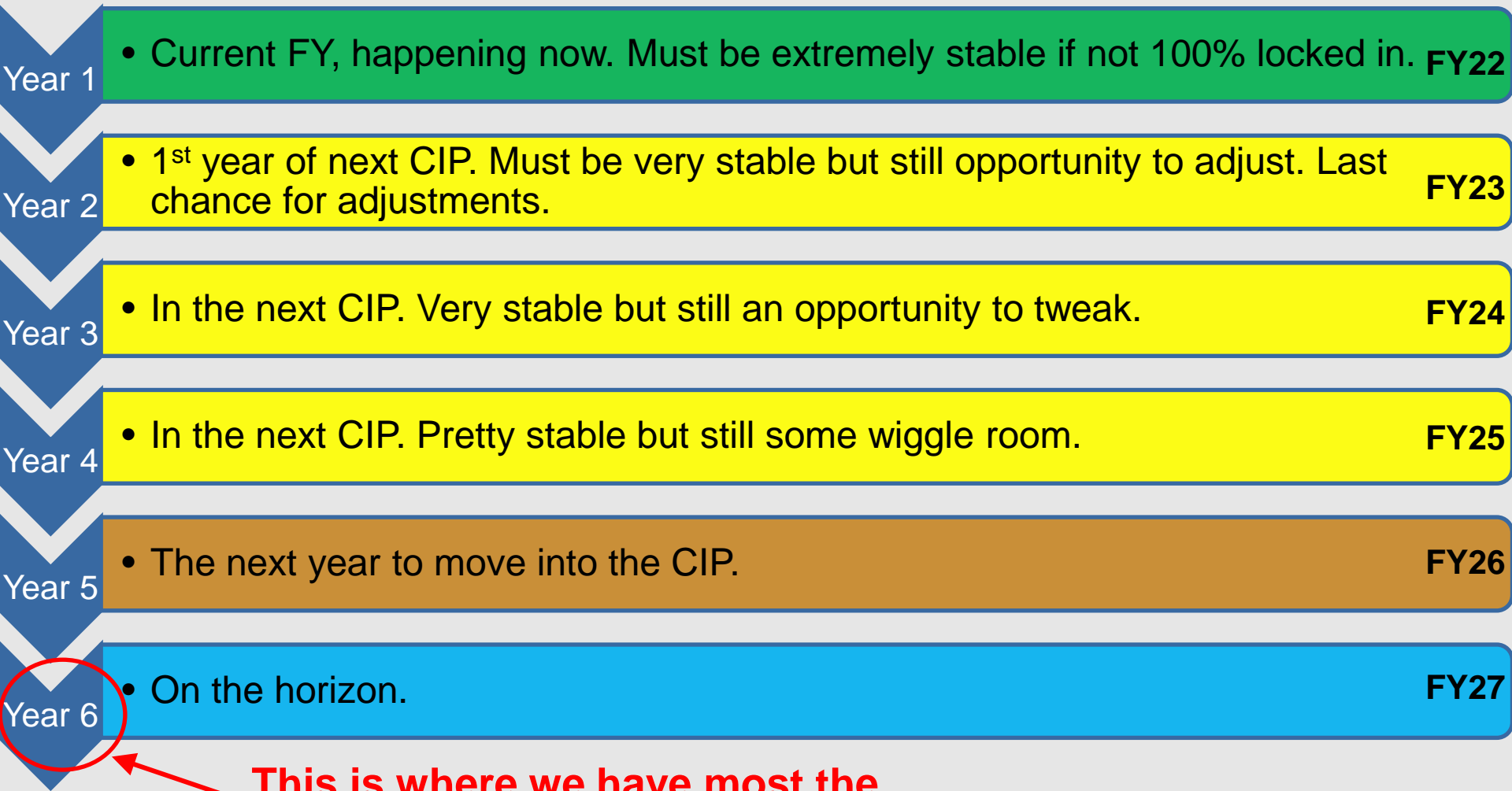
PLANNING STUDIES



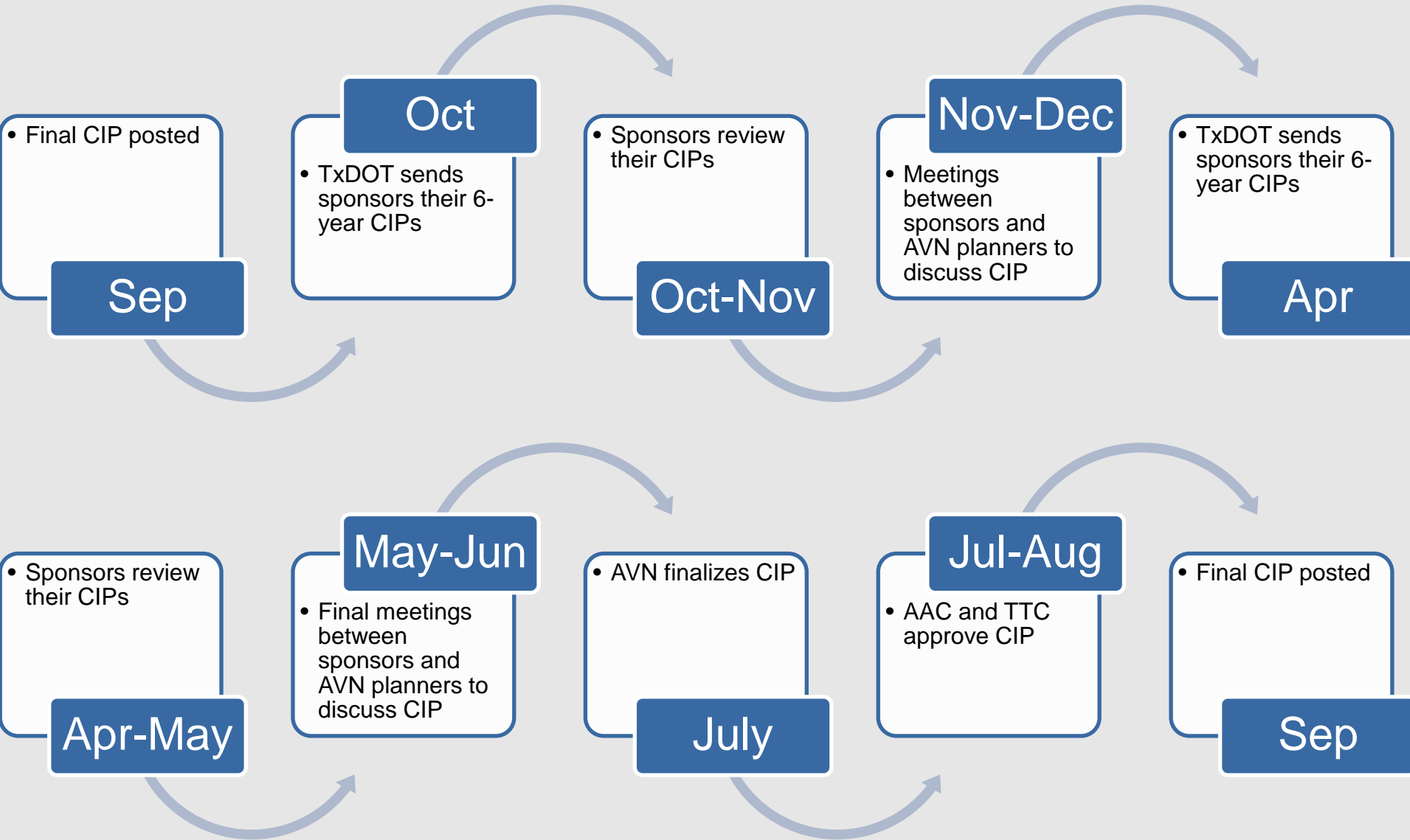


CIP/LOIs





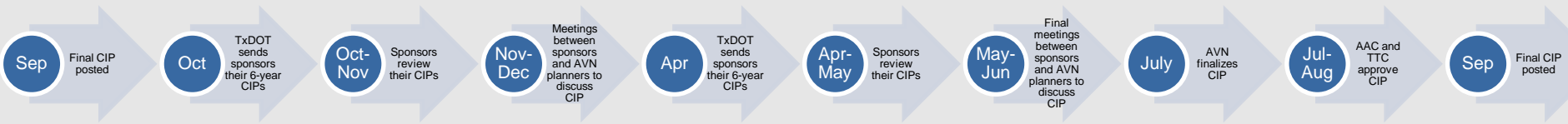
This is where we have most the ability to plug projects into the CIP





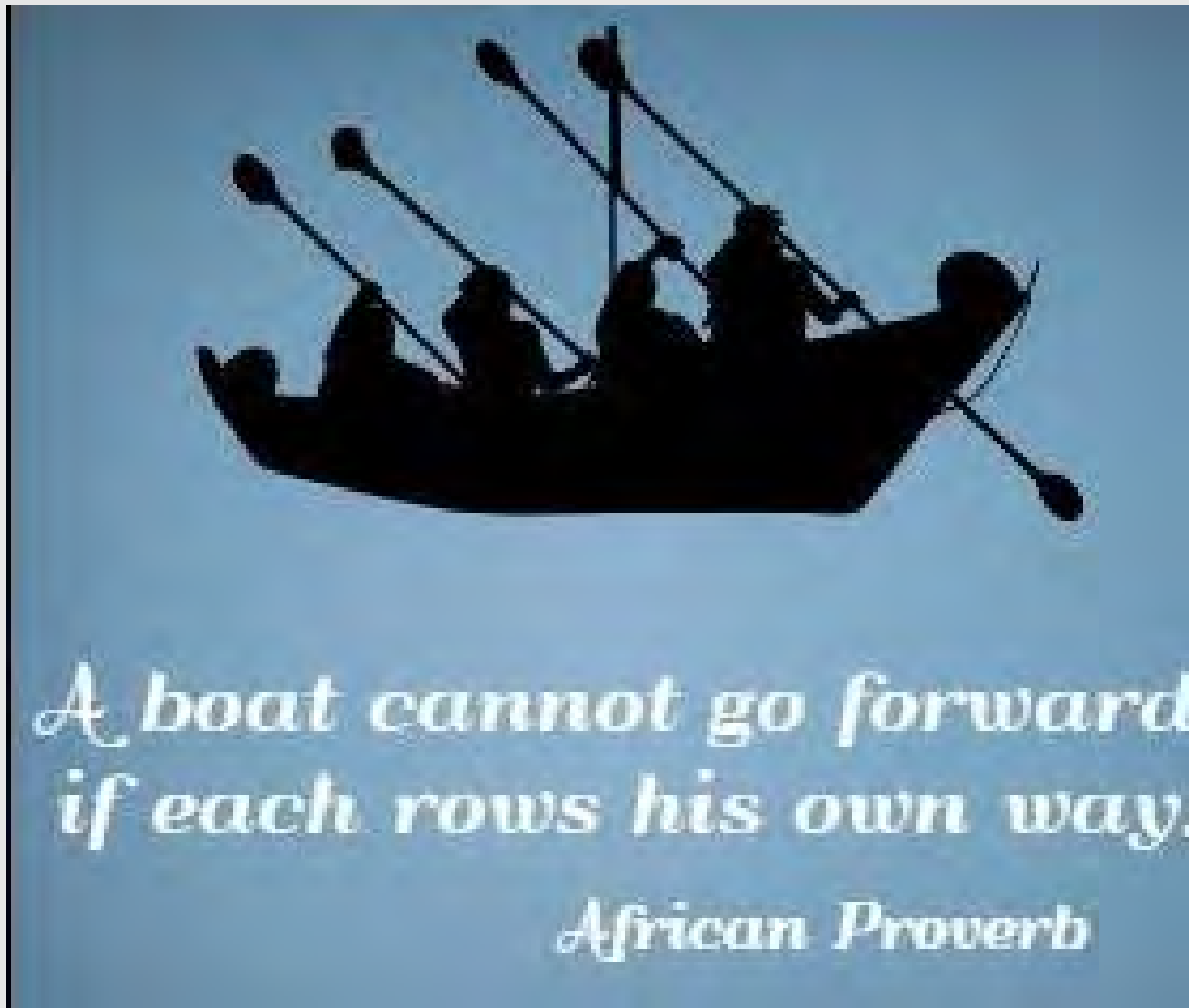
COMMUNICATION, COORDINATION, AND COLLABORATION

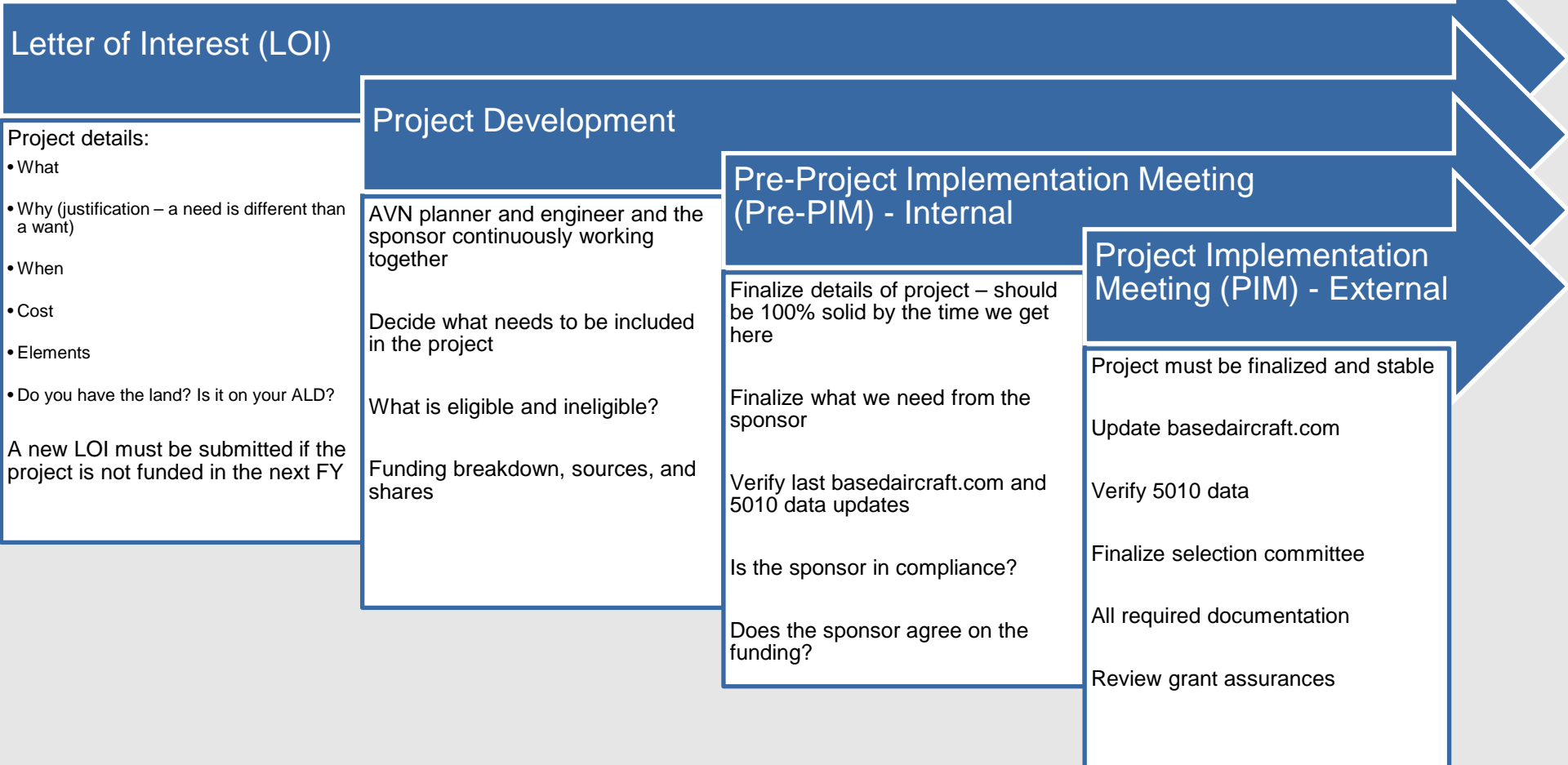




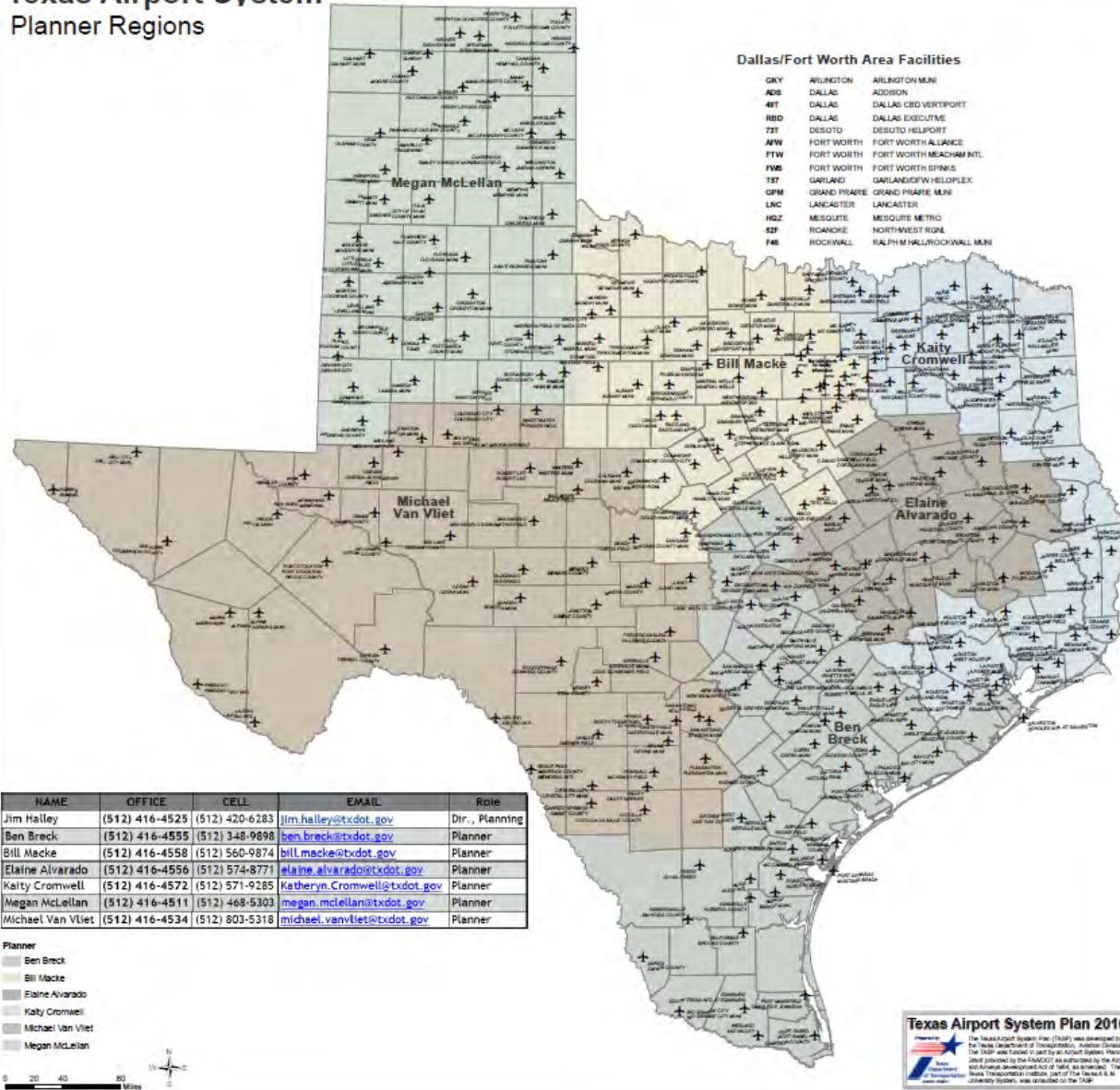
Continuous

- ✈ LOIs/CIPs from planning studies
- ✈ Monthly TxDOT/sponsor check-ins – quick, any relevant updates, what’s happening, issues, questions, news, etc. Is there anything TxDOT needs to know about? Projects in which we didn’t participate? Special events or runway/airport closures? Anything else?
- ✈ Annual site visits by AVN planners.
- ✈ Data updates – anytime anything changes, let us know. Contact information, aeronautical data, etc.
- ✈ **LET US KNOW EVERYTHING THAT IS HAPPENING AT YOUR AIRPORT!**





Texas Airport System Planner Regions



Dallas/Fort Worth Area Facilities

GRK	ARLINGTON	ARLINGTON MUNI
ADS	DALLAS	ADDISON
48T	DALLAS	DALLAS CBD VERTIPORT
FBD	DALLAS	DALLAS EXECUTIVE
T37	DESOTO	DESOTO HELIPORT
FWW	FORT WORTH	FORT WORTH ALLIANCE
FTW	FORT WORTH	FORT WORTH MEACHAM INTL.
FWS	FORT WORTH	FORT WORTH SPINNS
T87	GARLAND	GARLAND/DFW HELOPLEX
GPM	GRAND PRAIRIE	GRAND PRAIRIE MUNI
LNC	LANCASTER	LANCASTER
HQZ	MESQUITE	MESQUITE METRO
SZF	ROANOKE	NORTHWEST ROKE
F46	ROCKWALL	RALPH HALL/ROCKWALL MUNI

NAME	OFFICE	CELL	EMAIL	Role
Jim Halley	(512) 416-4525	(512) 420-6283	jim.halley@txdot.gov	Dir., Planning
Ben Breck	(512) 416-4555	(512) 348-9698	ben.breck@txdot.gov	Planner
Bill Macke	(512) 416-4558	(512) 560-9874	bill.macke@txdot.gov	Planner
Elaine Alvarado	(512) 416-4556	(512) 574-8771	elaine.alvarado@txdot.gov	Planner
Kaity Cromwell	(512) 416-4572	(512) 571-9285	kaithryn.cromwell@txdot.gov	Planner
Megan McLellan	(512) 416-4511	(512) 468-5303	megan.mclellan@txdot.gov	Planner
Michael Van Vliet	(512) 416-4534	(512) 803-5318	michael.vanvliet@txdot.gov	Planner

- Planner**
- Ben Breck
 - Bill Macke
 - Elaine Alvarado
 - Kaity Cromwell
 - Michael Van Vliet
 - Megan McLellan



Scoping

- ✈ TBD

Planners

- ✈ Elaine Alvarado
- ✈ Ben Breck
- ✈ Kaity Cromwell
- ✈ Bill Macke
- ✈ Megan McLellan
- ✈ Michael Van Vliet (also Compliance)

Environmental

- ✈ Amy Foster

Land

- ✈ Julie Fielder

Safety Inspections

- ✈ Harry Sutherland



DISCRETIONARY FUNDING





LONG-TERM STRATEGIC PLANS





Q&A



#EndTheStreakTX

End the streak of daily deaths on Texas roadways.



THANK YOU

Jim Halley, A.A.E., ACE

Director, Airport Planning and Programming

150 East Riverside Drive

Austin, TX 78704

Office: (512) 416-4525

Cell: (512) 420-6283

Jim.Halley@txdot.gov



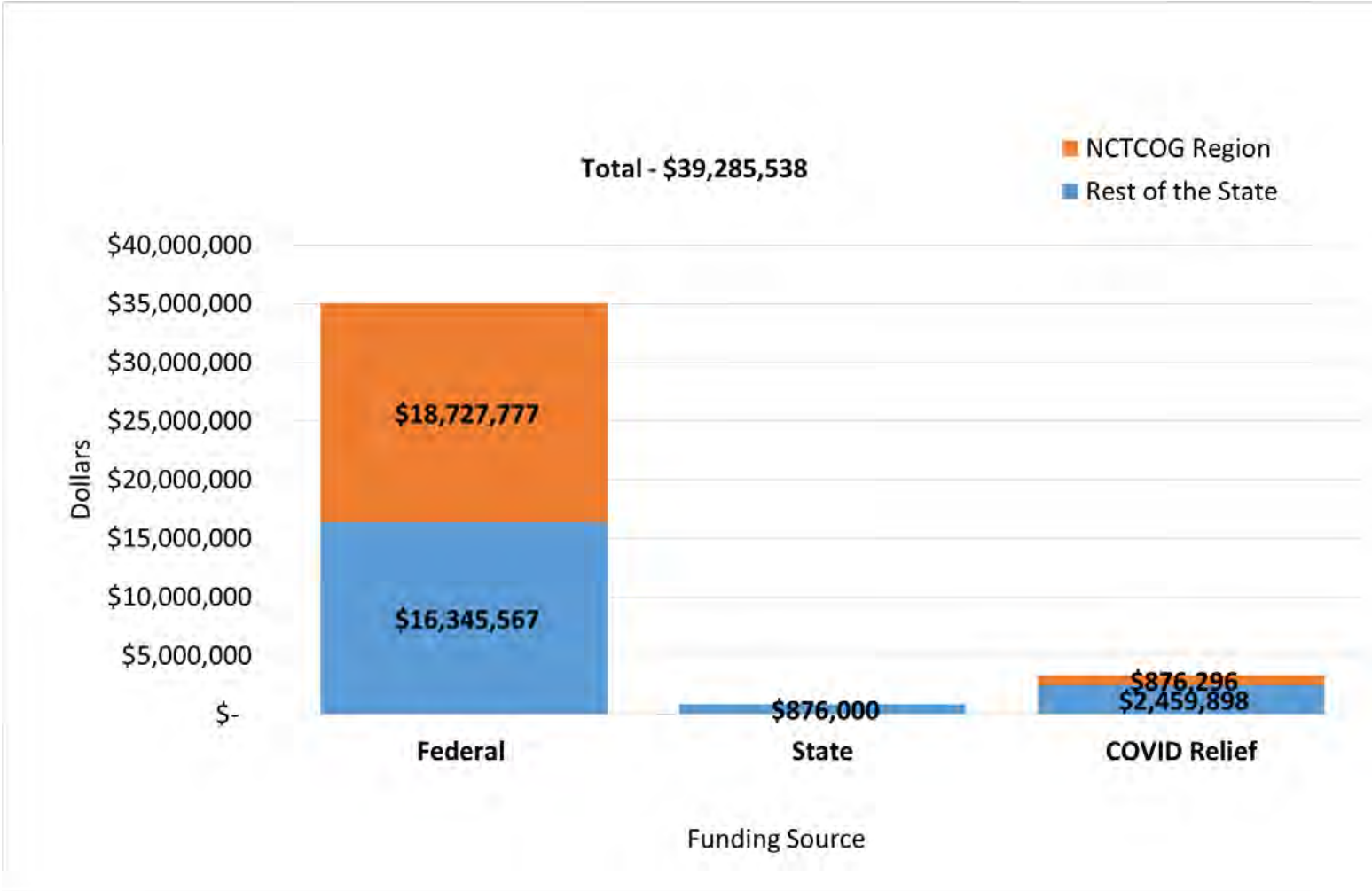
AIR TRANSPORTATION ADVISORY COMMITTEE

SEPTEMBER 2, 2021



Regional Airport Funding Update
Jeff Kloska

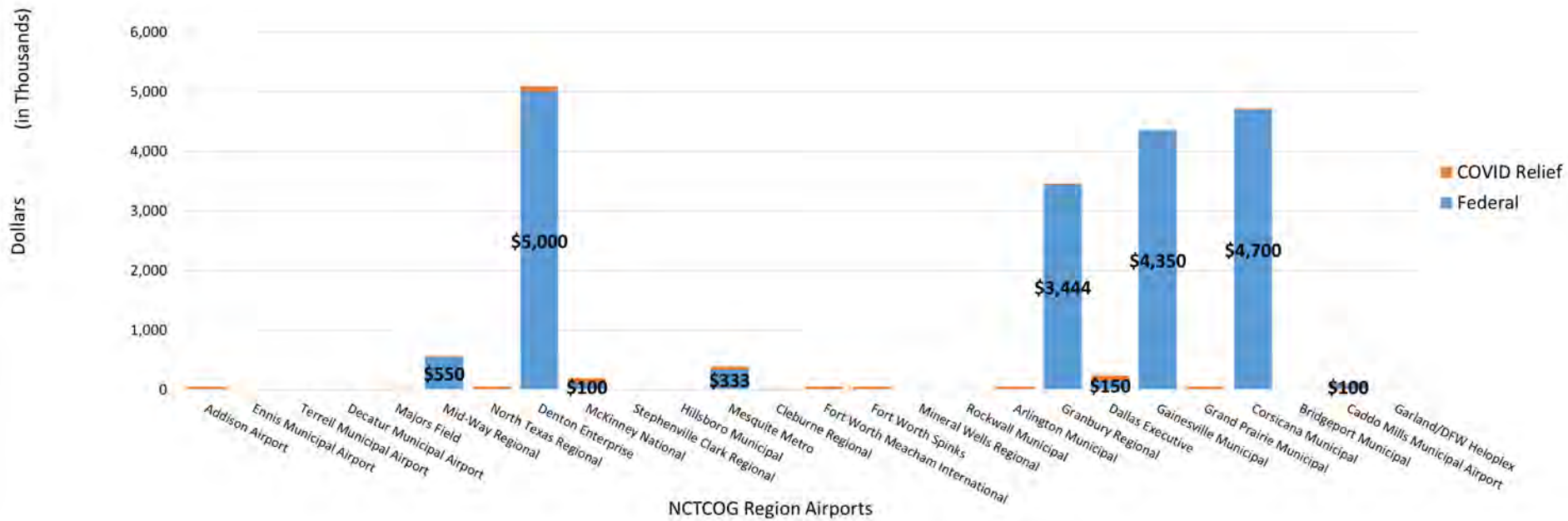
Texas Grants by Funding Source 2021



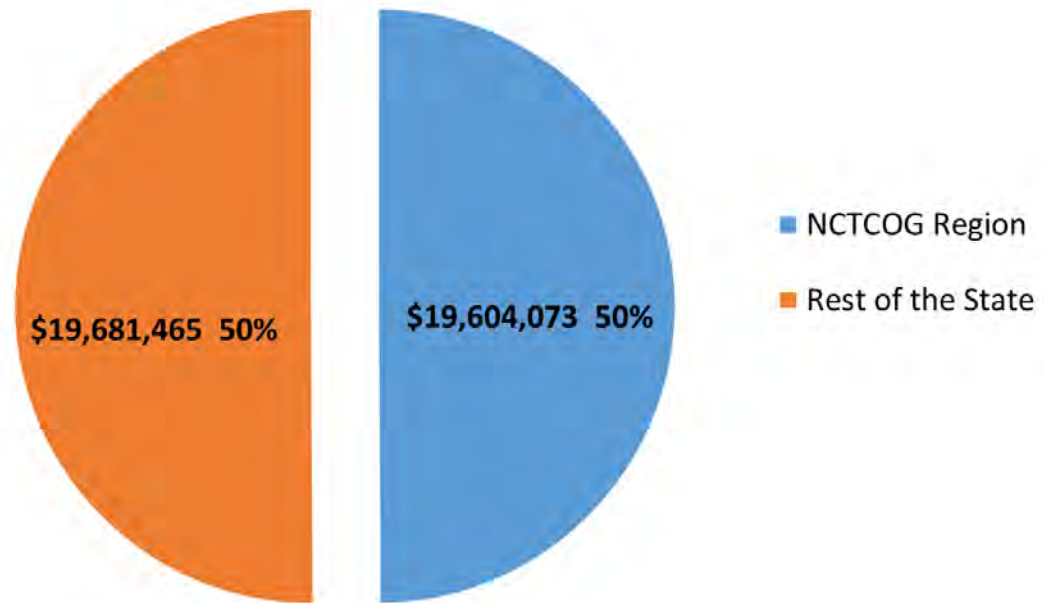
2021 DFW Region Annual Funding Comparison



NCTCOG Regional Airport Grant Amount 2021

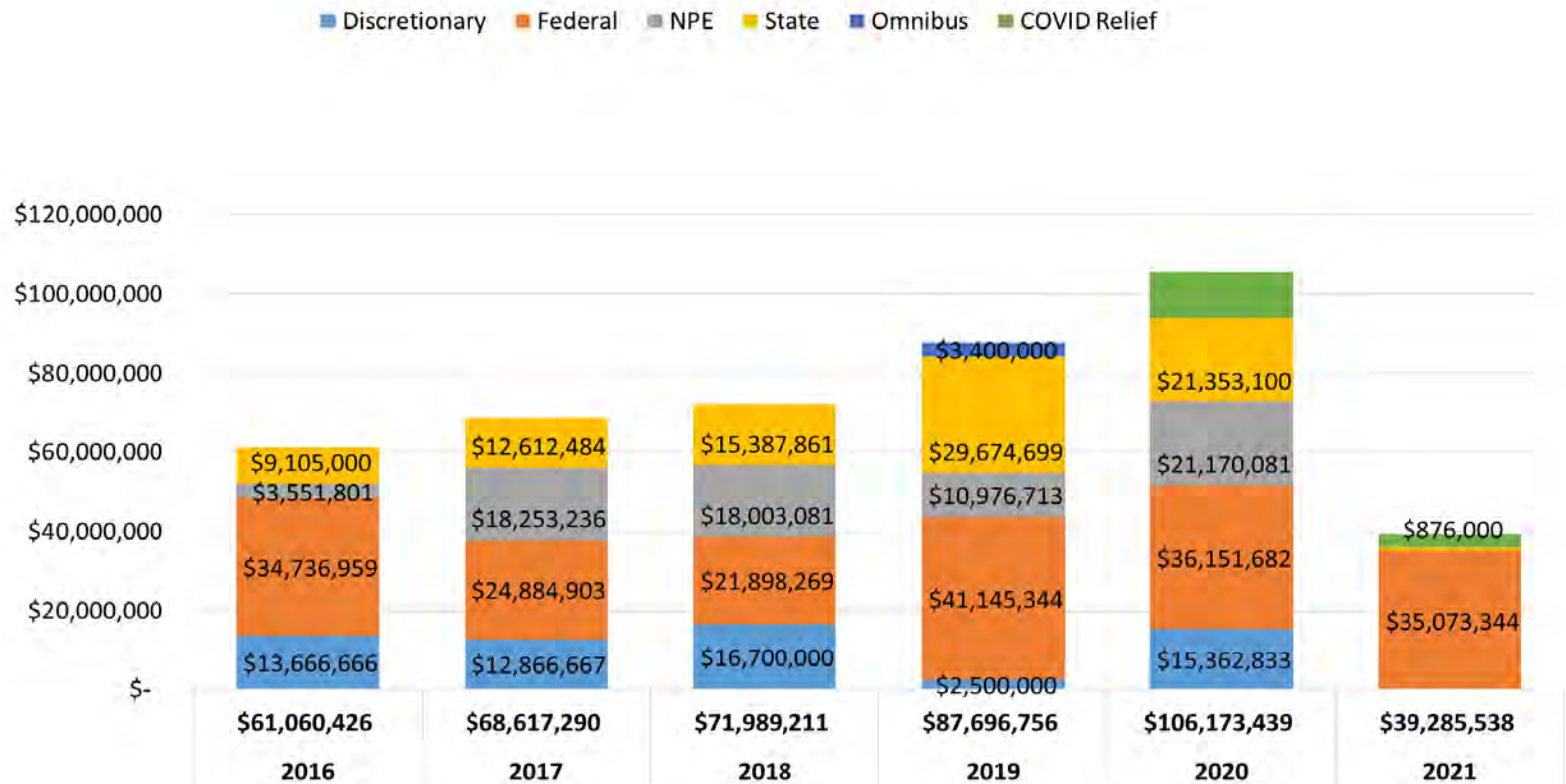


NCTCOG Region vs. Non-Regional Funding 2021



Texas

Annual Funding Comparison



Questions?

Jeff Kloska A.A.E.

Jkloska@nctcog.org

(817) 640-3300

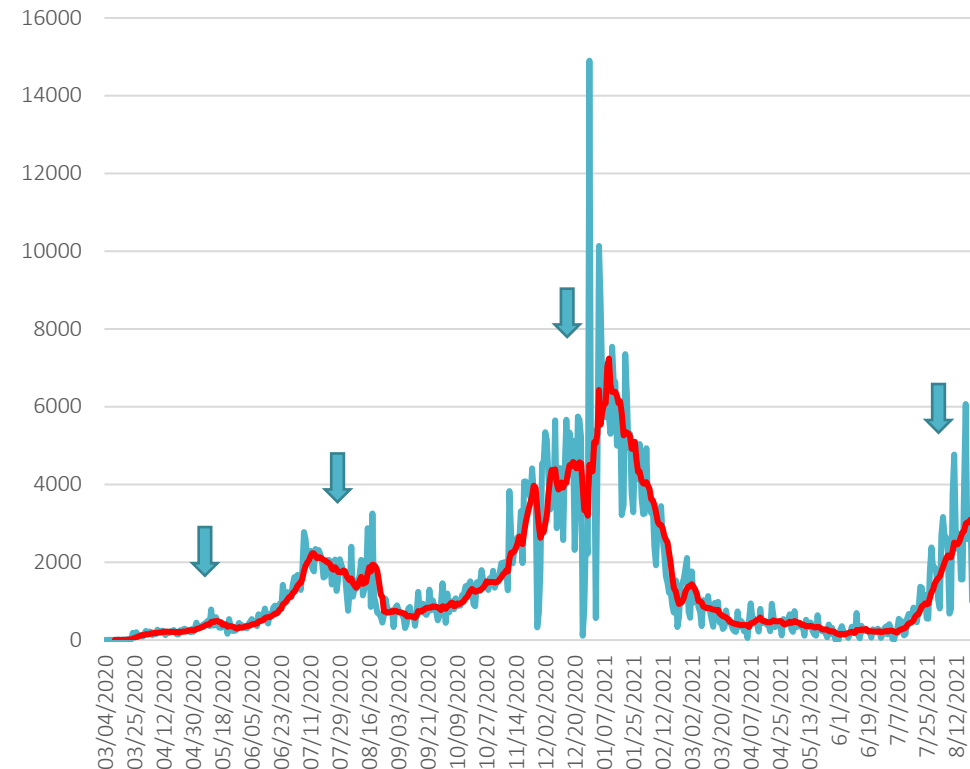
COVID-19 Effects on North Texas Aviation

Jeff Kloska | Aviation | 9.2.2021



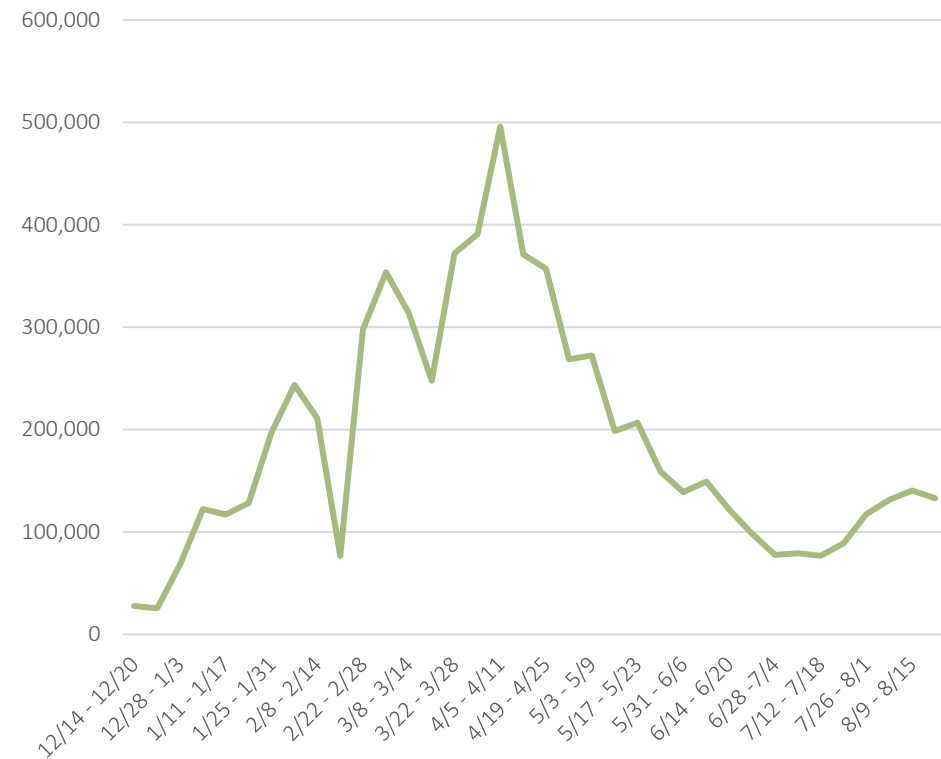
NCTCOG Region Diagnosed New COVID -19 Cases

- Four distinct waves
- Graph only shows new tested/diagnosed cases
- Forth wave: Delta Variant



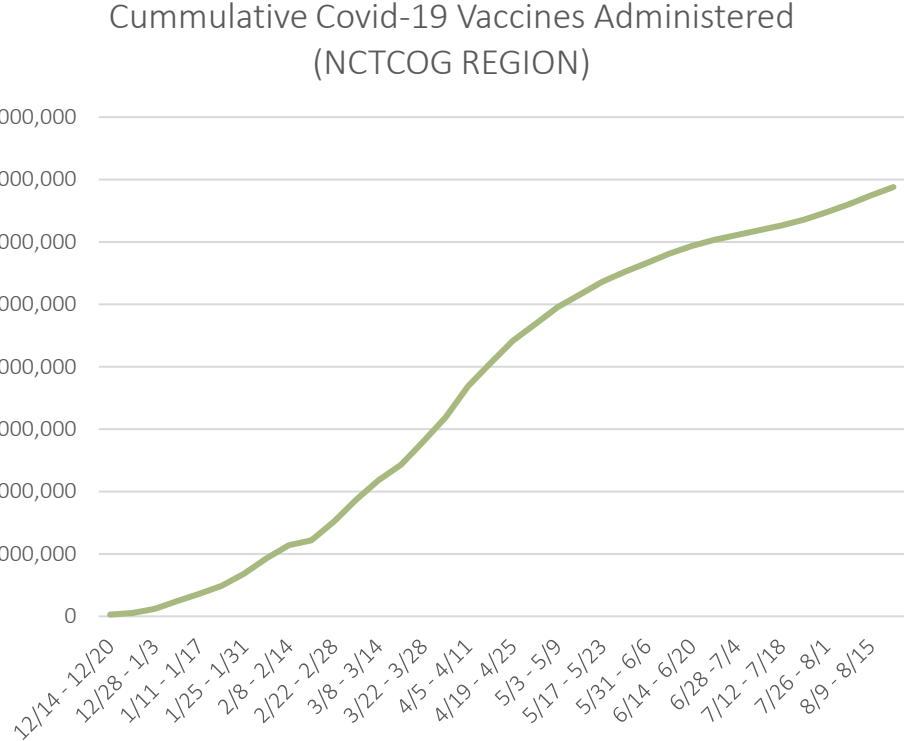
NCTCOG Weekly Vaccination Counts (NCTCOG Region)

- Three major vaccines in United States
- Moderna, Pfizer and J&J
- Texans 12 and older eligible for vaccine
- Pfizer now FDA approved



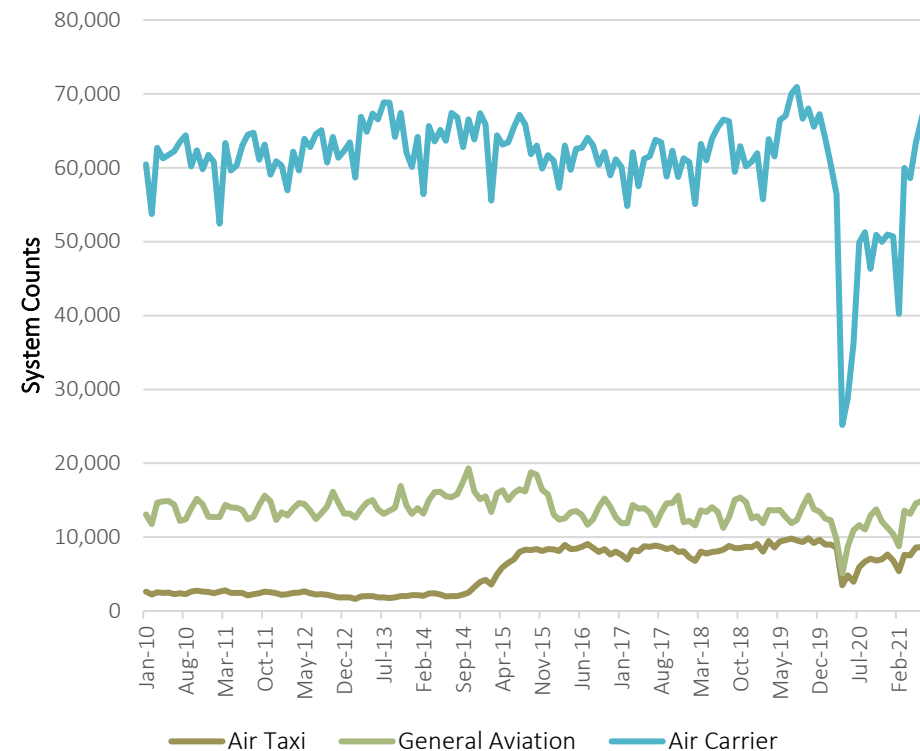
Cumulative Vaccination Status (NCTCOG Region)

- 6.9 million doses given in the 16-county area
- 13.7 million fully vaccinated statewide



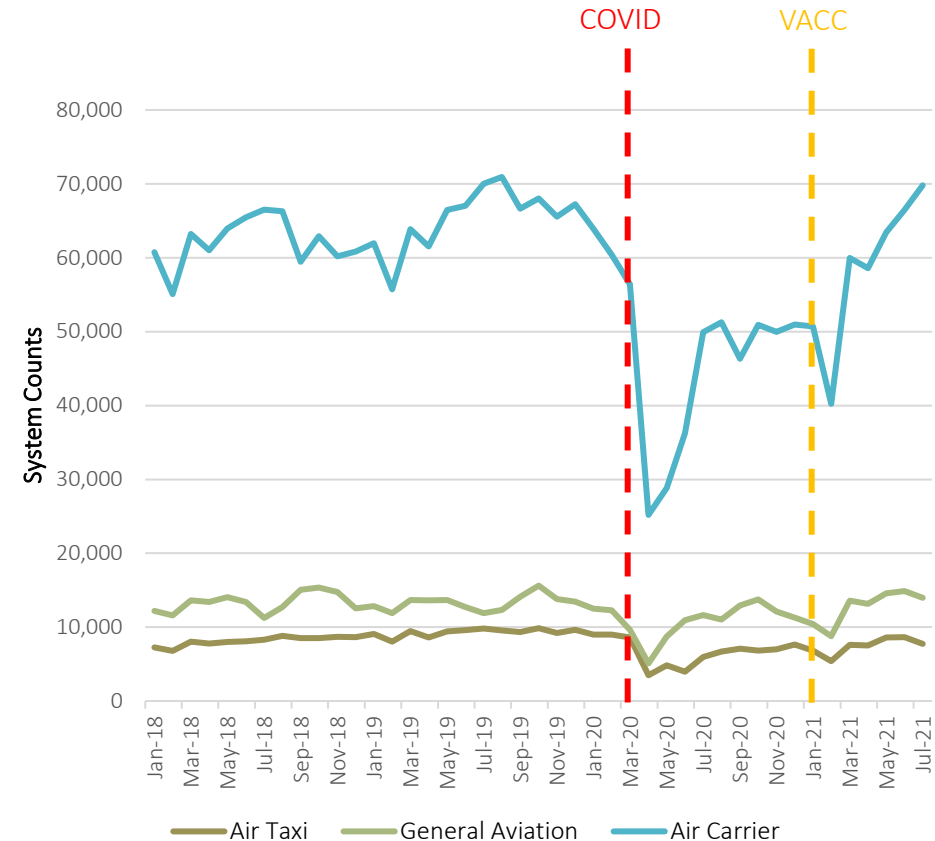
FAA TFMSC Data For NCTCOG Region 2010 -2021

- Cases begin to spread rapidly in March 2020 and significant restrictions take hold
- Bottom falls out for the aviation industry in April 2020 as people stop traveling



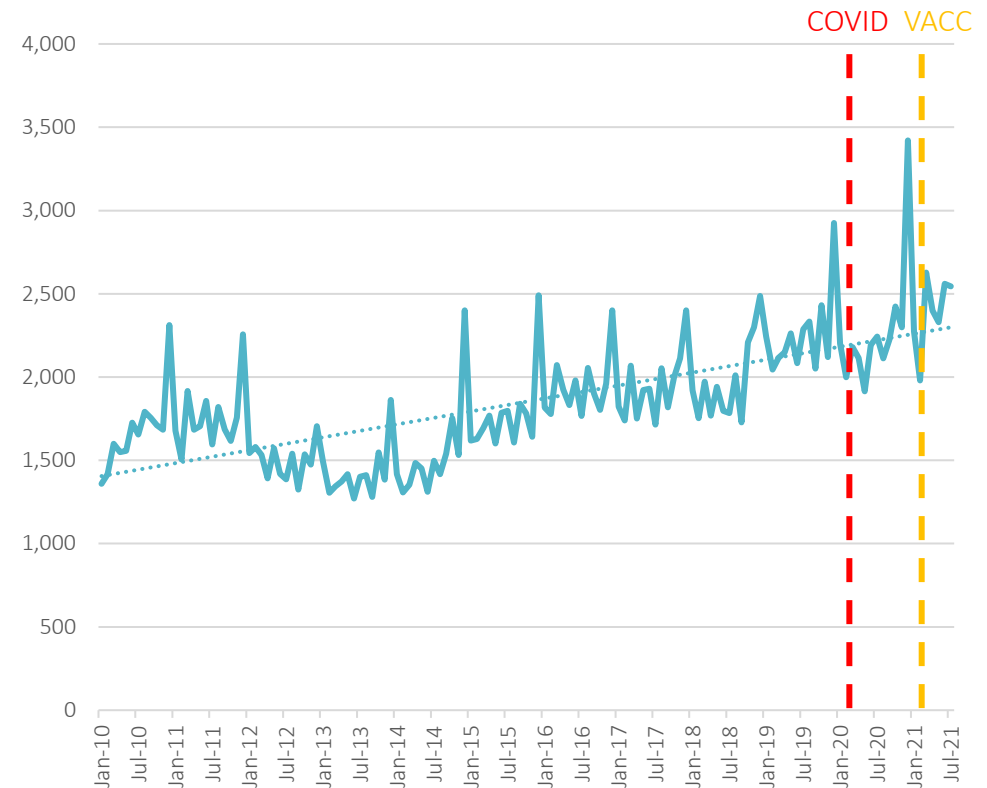
FAA TFMSC Data For NCTCOG Region 2018 -2021

- Air carriers responded quickly to slow their cash burn
- GA quickly recovered to near pre-pandemic levels
- International travel is still highly restricted



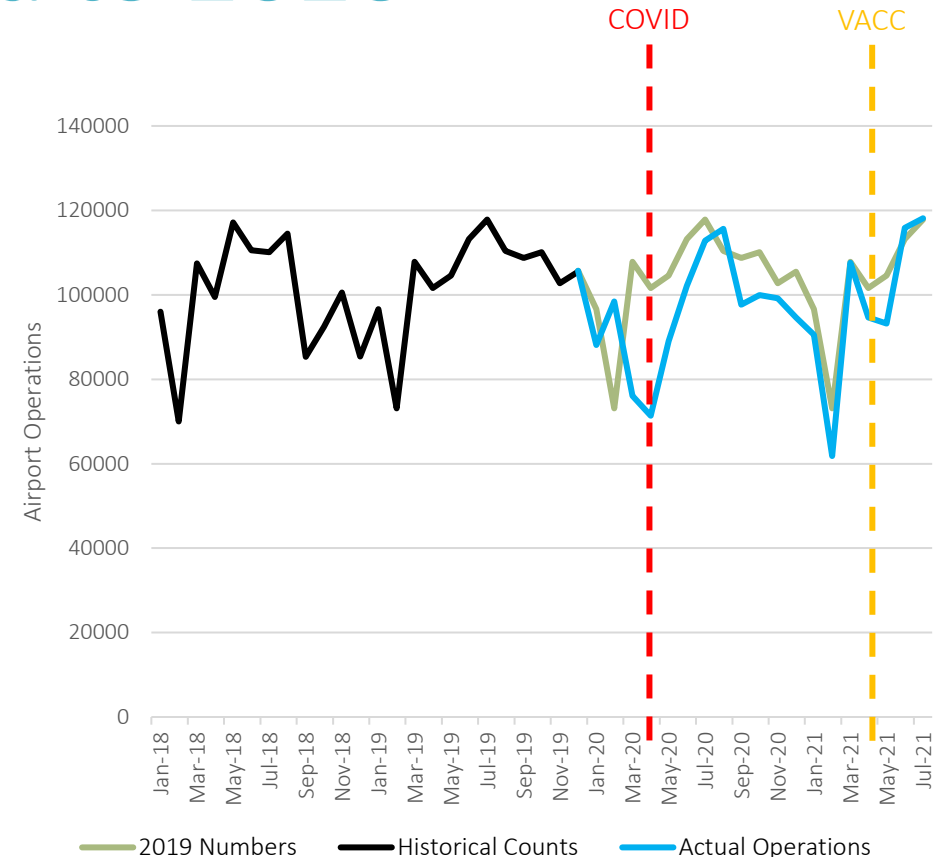
FAA TFMSC Data for NCTCOG Region 2010 -2021 (Air Freight)

- Air freight has sustained well throughout pandemic
- Lockdowns encouraged online ordering/shipping
- Seeing strong growth



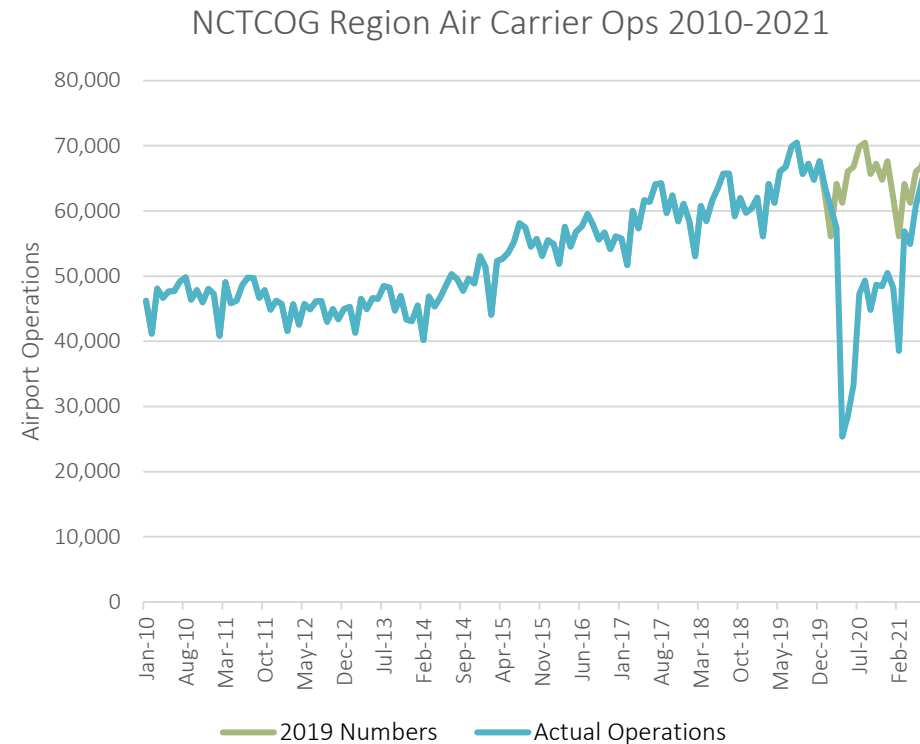
NCTCOG Region GA Operations 2019 Compared to 2020

- General aviation's recovery was quick
- 2020 numbers remained slightly below 2019 numbers
- 2021 numbers are looking encouraging



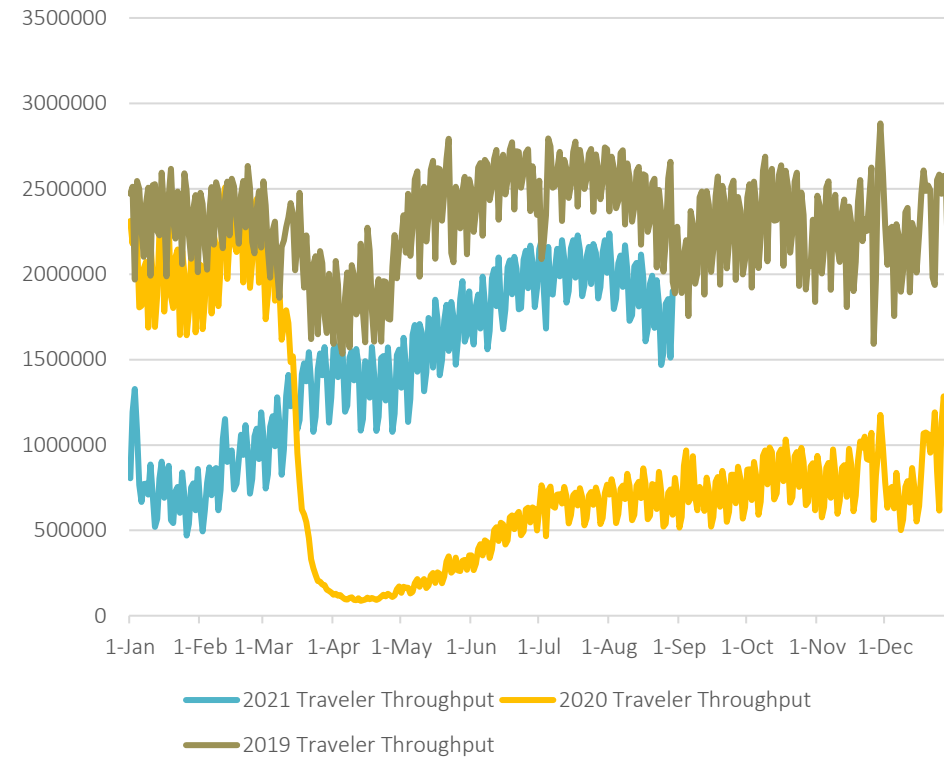
AFW – DAL – DFW Combined Commercial Operations

- Operations have recovered to near pre-pandemic levels
- International travel still slow
- Potential delta variant



National TSA Throughput Counts

- COVID delta variant wave effects
- TSA reporting lower throughput counts
- Airlines reporting lower booking numbers going into the fall



Questions/Comments?

Arlington Entertainment District Advanced Air Mobility Pilot Program



KEY TEAMING PARTNERS

SERVICE PROVIDERS



Hidden Level

Drone Detection



TruWeather Solution

Low Altitude Weather Monitoring



Airspace Link

Airspace and Operations Management



Live Earth

Situational Awareness



AT&T

5G, IOT, and Public Safety Communications

Autonomous Drone Platform*

Detect and Avoid*

OPERATORS



City of Arlington

Tactical Public Safety Operations



**NCTCOG Public Safety
Unmanned Response
Team**

Tactical Public Safety Operations



**University of Texas at
Arlington**

Research



Causey Aviation

Small Package Delivery



Flytrex

Small Package Delivery

PROGRAM MANAGEMENT



City of Arlington



NCTCOG



**University of Texas at
Arlington**

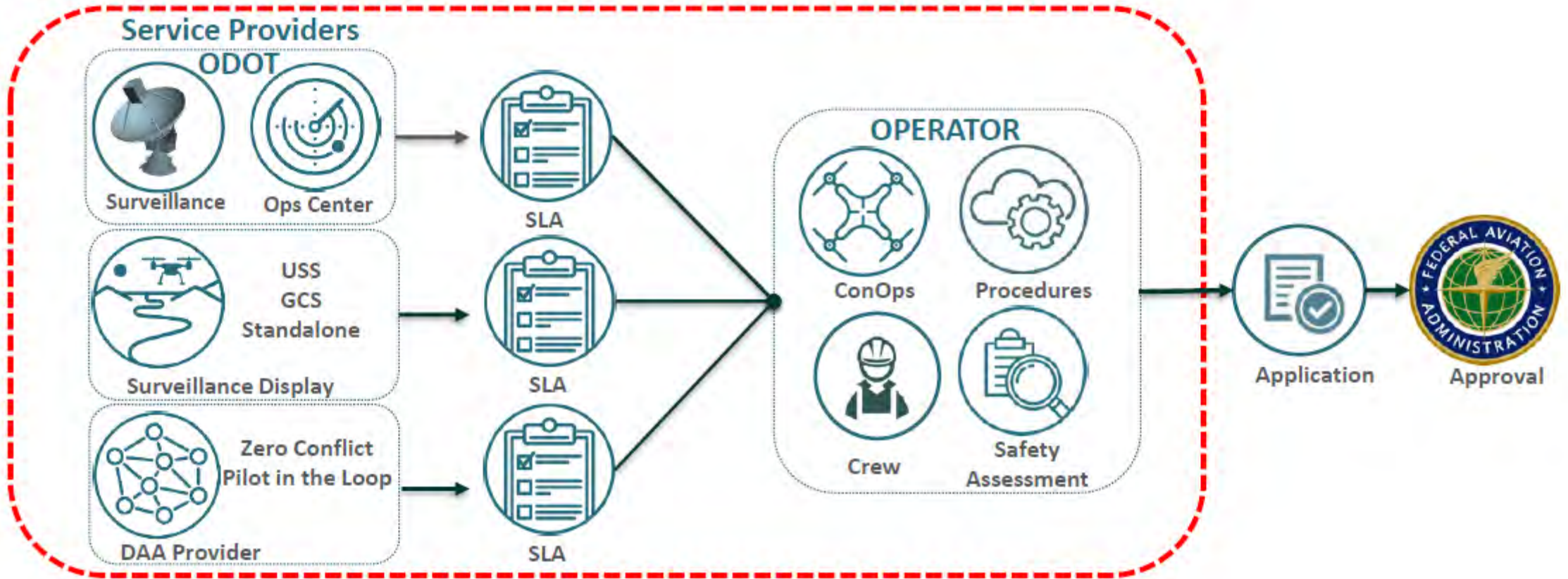


**Engineering Research
Center for
Collaborative Adaptive
Sensing of the
Atmosphere**

FAA Reauthorization Act 2018 – Section 377

-FAA Approves Operation

Concept of Use



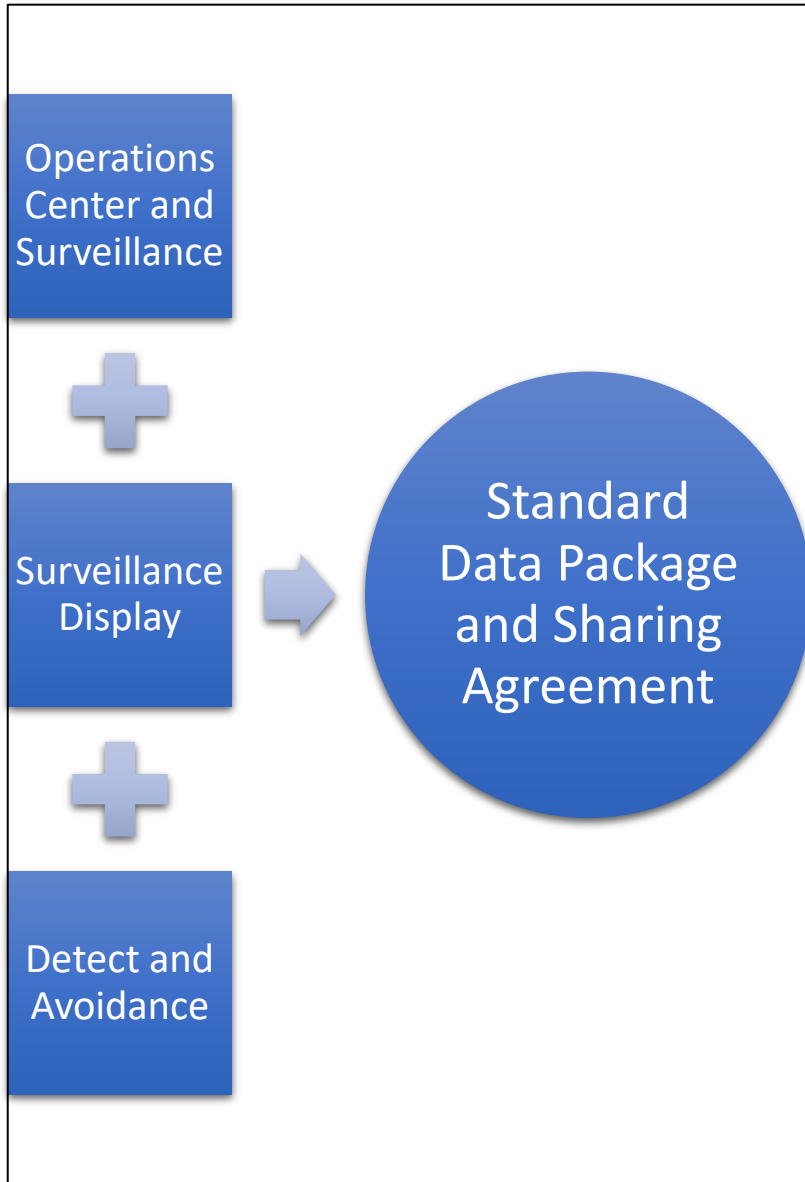
THE OHIO STATE UNIVERSITY

Confidential commercial and proprietary information of the Ohio State University

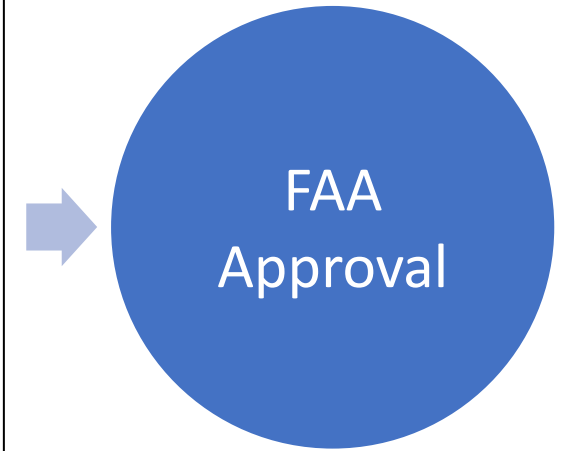
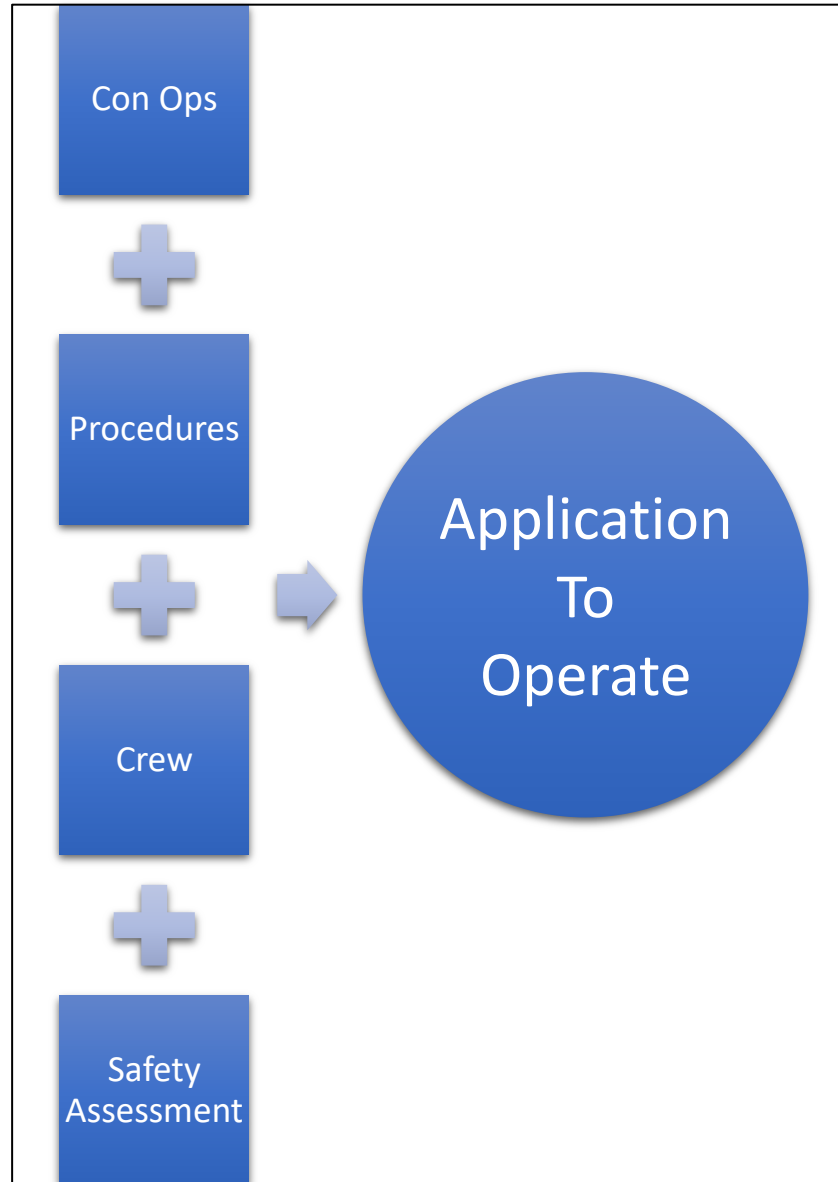
The information contained in this presentation is not generally available to the public and is protected from release under the Freedom of Information Act, 5 U.S.C. § 552 et seq.

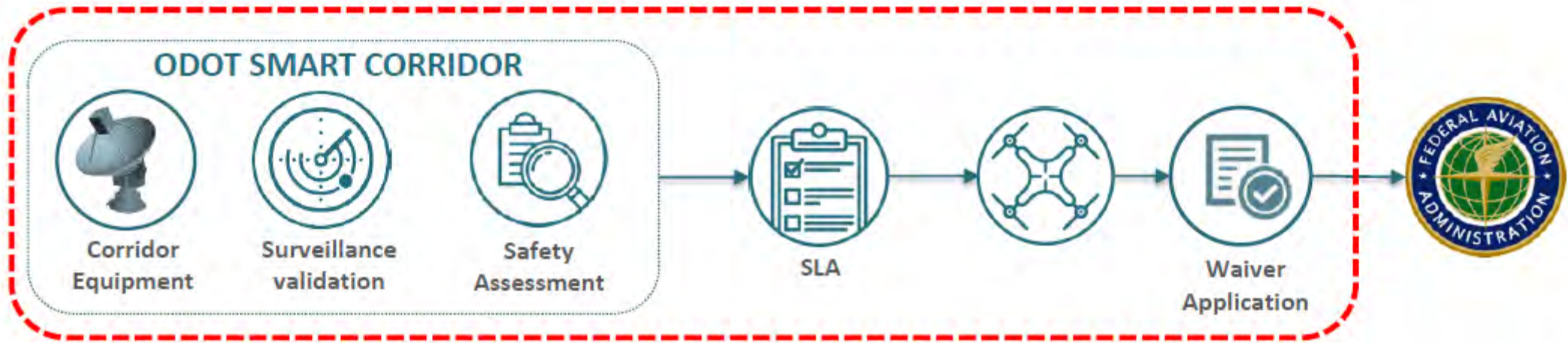


The Ecosystem



The Operator





1 PLANNING & INFRASTRUCTURE DEPLOYMENT 5/2021 - 9/2021

- Identify Location for Sensors
- Training Sessions for platforms
- Coordinate with all stakeholders
- Deploy sensors and other equipment
- Plan demonstration activities, schedule and milestones

YEAR ONE Schedule

2 PUBLIC SAFETY LINE OF SITE OPERATIONS 9/2021 - 9/2022

- Public Safety Manned LOS Operations
- Ops over people
- Public Safety Unmanned Response Team (PSURT) Training
- Passive UAS monitoring and reporting

3 OTHER LINE OF SIGHT OPERATIONS 10/2021 - 9/2022

- University Manned LOS Operations
- Other LOS operations, i.e. package delivery

4 PUBLIC SAFETY BVLOS OPERATIONS 11/2021 - 8/2022

- Public Safety BVLOS Operations
- Remote Ops over people
- PSURT BVLOS Training

5 OTHER BVLOS OPERATIONS AND SYNERGIES WITH OTHER SMART CITIES INITIATIVE 1/2022 - 9/2022

- University BVLOS Operations
- Other BVLOS operations, i.e. package
- Integrate with Automated Vehicle Pilot Program

6 CLOSE OUT 9/2022

- Program Evaluations
- Stakeholder Interviews
- Share Lessons Learned with Public
- Examine Available Funding for continued operations



MAY JUNE JULY AUG SEPT OCT NOV DEC JAN FEB MAR APR MAY JUNE JULY AUG

2021

2022

New UAS Community Integration Working Group

The primary goals of the Community Integration Working Group are as follows:

- Characterize community concerns
- Identify current city ordinances and codes regarding Advanced Air Mobility and UAS activity
- Inventory mature applications for city use
 - Inspections
 - Public Safety
 - Package Delivery
 - Goods
 - Medical
- Air Taxi, Air Cargo and Air Ambulance
- Inventory funding mechanism for city use

Upcoming Schedule

- September 24th – Public Safety
- October 29th – City Operations
- November 19th – TBD