



Aeronautics Division

Annual ACIP Airport Meetings

2018

Objectives

-
- ✓ Understanding the status of NPE funding
-
- ✓ Understanding the changes to the ACIP Process
-
- ✓ Understanding the planning role
-
- ✓ Understanding the phasing of projects

Agenda

9:00 a.m.	Welcome
9:05 a.m.	Introduction - Michelle Frazier
9:25 a.m.	Planning - Jordan Gunn
9:40 a.m.	Engineering - John Paul Saalwaechter
10:05 a.m.	BREAK (~ 15 minutes)
10:20 a.m.	Interactive Exercise
10:40 a.m.	Finance – John Briggs
11:00 a.m.	Working Sessions – John Paul Saalwaechter
11:15 a.m.	Questions – John Paul Saalwaechter



TM

Michelle Frazier
Director

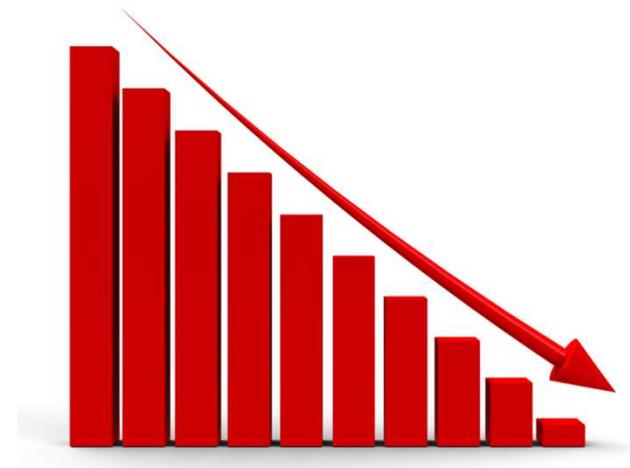
Strategy for FY 2019

Transportation Equity Fund (TEF)

Federal Spending

Airport Planning

Statewide Programing



Programmed FY 2019 Airport ACIP



TDOT Aeronautics Division FY 2019 ACIP

7/19/2018

Inclusion of a project in the plan is not a commitment for funding. Project requests must be submitted and reviewed by Tennessee Aeronautics Commission and/or TDOT Aeronautics Division for approval and grant award. Please contact your TDOT Project manager to discuss Project Staff Review (PSR) deadlines for submittal.

Associated City	Project Short Title	Airport Priority Ranking	TDOT Project Category	Estimate Cost	Sponsor Participation
Airport 1	Lighting System	1	Safety	\$ 20,000.00	\$ 1,000.00
Airport 1	Security Cameras	1	Security	\$ 35,000.00	\$ 1,750.00
Airport 1	Obstruction Removal	3	Safety	\$ 65,000.00	\$ 3,250.00
Airport 1	Obstruction Survey	2	Infrastructure Preservation	\$ 25,000.00	\$ 1,250.00
Airport 1 Total				\$ 145,000.00	\$ 7,250.00

Considerations for FY 2020

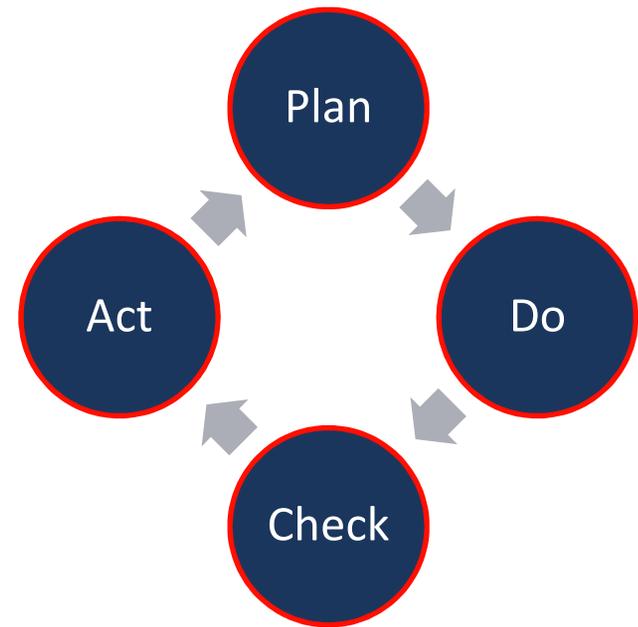
Federal Expenditure Rate

Construction Ready Projects

Bids exceeding Estimates

TEF Cap \$10,500,000

Uncertainty of Federal Funds



ACIP Process FY 2020

Funding Category	Funds Planned
State TEF	\$8,000,000
Federal Apportionment	\$4,600,000
*Federal NPE	\$9,300,000
	\$21,900,000

* Dependent on demonstrated need





AIP Funding



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

COMMISSIONER'S OFFICE
SUITE 700, JAMES K. POLK BUILDING
505 DEADERICK STREET
NASHVILLE, TENNESSEE 37243-1402
(615) 741-2848

JOHN C. SCHROER
COMMISSIONER

BILL HASLAM
GOVERNOR

July 6, 2018

Airport 1
Mr. Mayor, County Mayor
COUNTY COURTHOUSE AVENUE
MY TOWN, TN 37000

Dear Mayor,

Annually, the State collects Airport Capital Improvement Plans (ACIP) from non-primary airport sponsors. Airports must submit and develop a list of capital improvement projects to justify receiving the annual Federal Aviation Administration (FAA) Non-Primary Entitlement (NPE) of \$150,000. The importance of the ACIP was discussed in the 2017 ACIP meetings conducted across the State. The individual airport ACIPs are compiled and provided to the FAA with the annual Airport Improvement Program (AIP) block-grant application.

In June of 2018, TDOT met with the FAA to discuss Tennessee's 2018 AIP block-grant application and to review the status of prior year federal spending. The large NPE balances currently held by airports across the State were an item of discussion. FAA Order 5100.38D, Airport Improvement Program Handbook and FAA Advisory Circular 150/5100-21 dictate that "non-primary entitlements are available for the fiscal year in which the funds are apportioned plus three fiscal years immediately following the year in which the funds are apportioned, or a total of four years." AIP Funding allocated to an airport in FY 2014 or a prior year has now expired. As a result of this meeting, the FAA has agreed that expired funds may remain in Tennessee for the benefit of our aviation system. Additionally, Tennessee may re-apportion expired funds to other airports in the State with high-priority projects targeted for completion in FY 2019 or early FY 2020. Eligible projects will be identified by TDOT Aeronautics and reviewed by the Tennessee Aeronautics Commission for funding.

Many airports were identified as having an NPE balance sufficient to accomplish the projects identified on the ACIP for FY 2019. Therefore, the 2018 \$150,000 AIP entitlement will not be requested for those airports by Tennessee for inclusion in the 2018 block-grant. The airport's 2018 entitlement will remain protected with the FAA and will be available for a future year's funding request. This will keep the funding from beginning the four year performance period required under the block-grant.

TDOT Aeronautics is preparing a communication to provide you with your airport's available funding balances and the status of your 2018 AIP funding. If you have additional questions, please contact Michelle Frazier, Aeronautics Director, at 615-741-7864.

Thank you for your continued efforts to operate and maintain Tennessee's Aviation System.

Sincerely,

John Schroer
Commissioner, Tennessee Department of Transportation

Airport Capital Improvement Plan

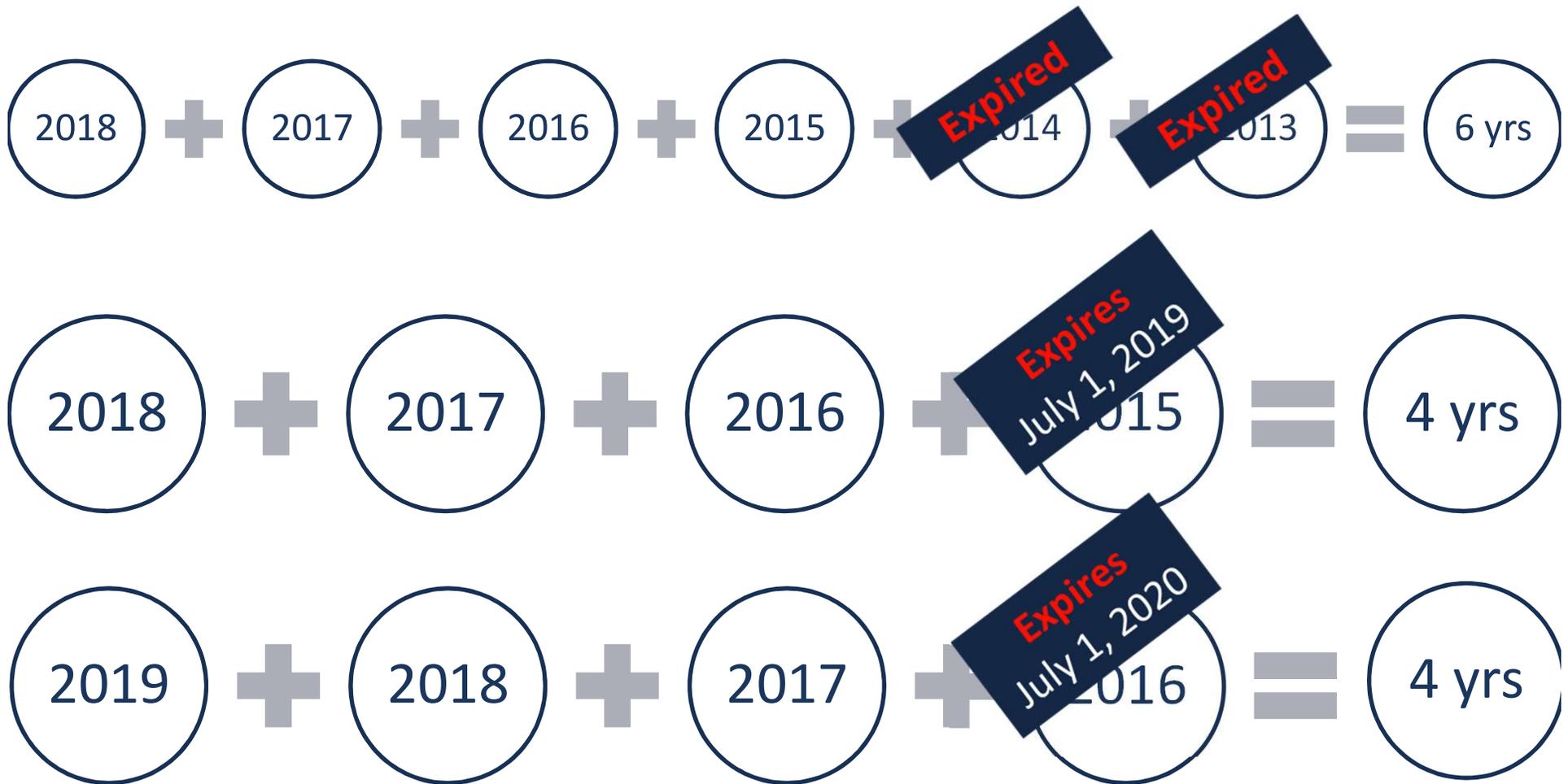
Annually, the State collects Airport Capital Improvement Plans (ACIP) from non-primary airport sponsors. Airports must submit and develop a list of capital improvement projects to justify receiving the annual Federal Aviation Administration (FAA) Non-Primary Entitlement (NPE) of \$150,000.

Non-Primary Entitlements (NPE)

FAA Order 5100.38D, Airport Improvement Program Handbook and FAA Advisory Circular 150/5100-21 dictate that “non-primary entitlements are available for the fiscal year in which the funds are apportioned plus three fiscal years immediately following the year in which the funds are apportioned, or a total of four years.”

AIP Funding allocated to an airport in FY 2014 or a prior year has now expired.

Non-Primary Entitlements with TN



State Block Grant Application

Many airports were identified as having an NPE balance sufficient to accomplish the projects identified on the ACIP for FY 2019.

Therefore, the 2018 \$150,000 AIP entitlement will not be requested for those airports by Tennessee for inclusion in the 2018 block-grant.

Associated City	Project Short Title	Airport Priority Ranking	TDOT Project Category	Estimate Cost	Sponsor Participation
	Airport Layout Plan	4	Planning	\$ 150,000.00	\$ 7,500.00
	Taxiway Drainage Improvements	2	Infrastructure Preservation	\$ 125,000.00	\$ 6,250.00
	Pavement Maintenance	3	Pavement Preservation	\$ 100,000.00	\$ 5,000.00
Total				\$ 375,000.00	\$ 18,750.00



TDOT Aeronautics Division
FY 2019 ACIP

7/19/2018

Inclusion of a project in the plan is not a commitment for funding. Project requests must be submitted and reviewed by Tennessee Aeronautics Commission and/or TDOT Aeronautics Division for approval and grant award. Please contact your TDOT Project manager to discuss Project Staff Review (PSR) deadlines for submittal.

Non-Primary Entitlements



The airport's 2018 entitlement will remain protected with the FAA and will be available for a future year's funding request. This will keep the funding from beginning the four year performance period required under the block-grant.

Tennessee Program Changes

On the ACIP vs. Not On the ACIP

Project Phases vs. Amendments

Emergency vs. Poor Planning

Aeronautics Economic Development Fund





Jordan Gunn
Transportation Program Monitor 1 - Planner

What is our role within the planning of your airport?



To preserve and develop long-term, feasible goals for your airport.



Meet airport capacity demand.

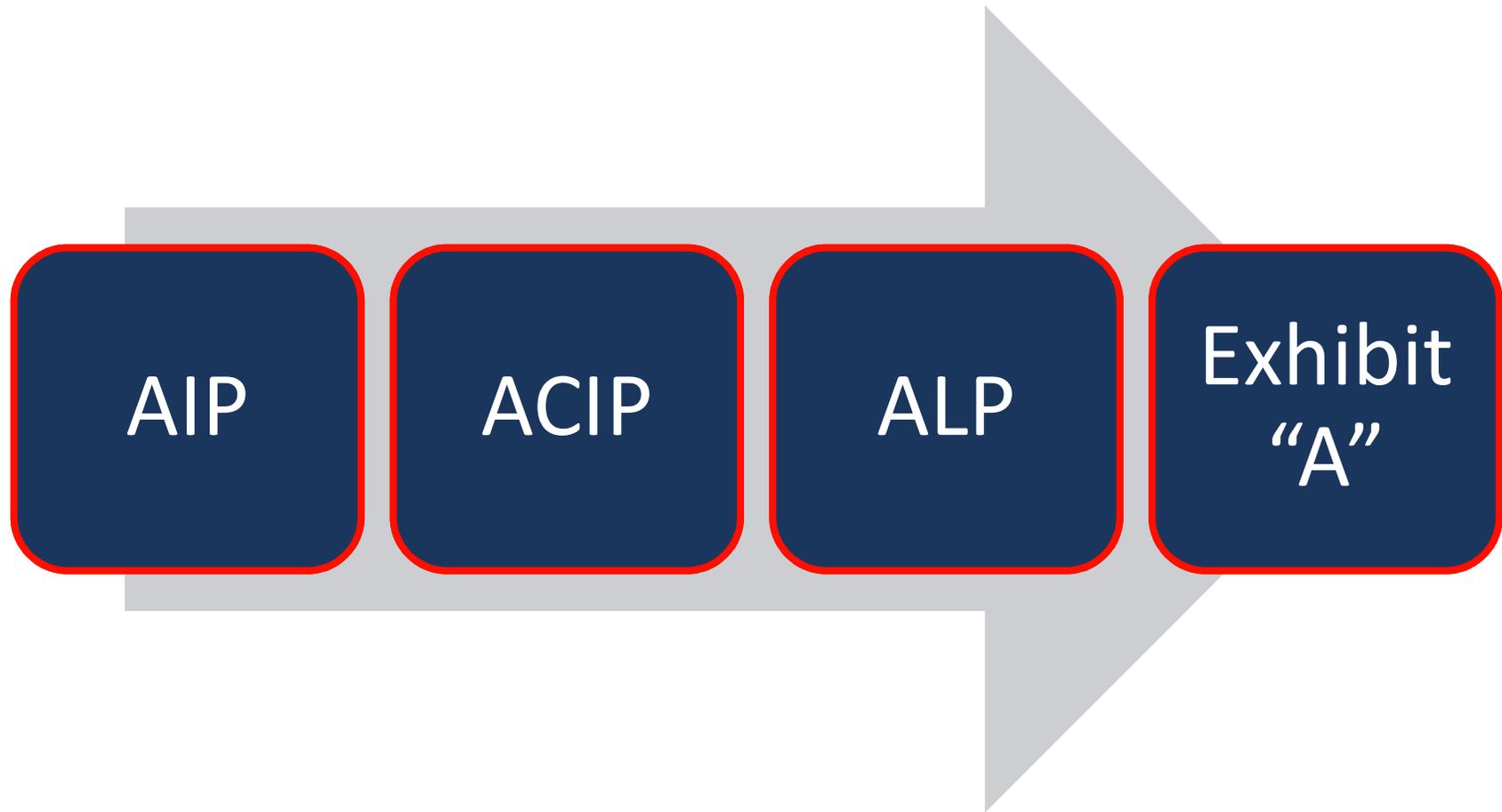


Mitigate environmental impacts

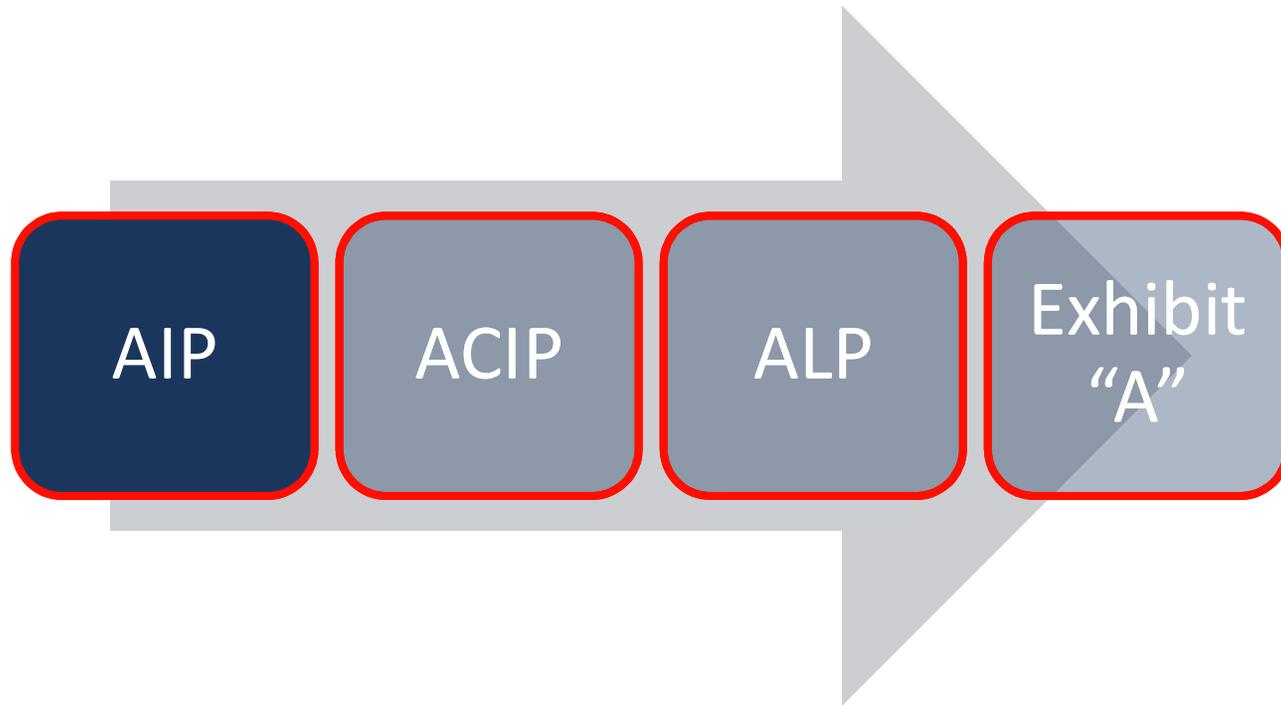


Provide safe air transportation according to design standards

What does that process look like?



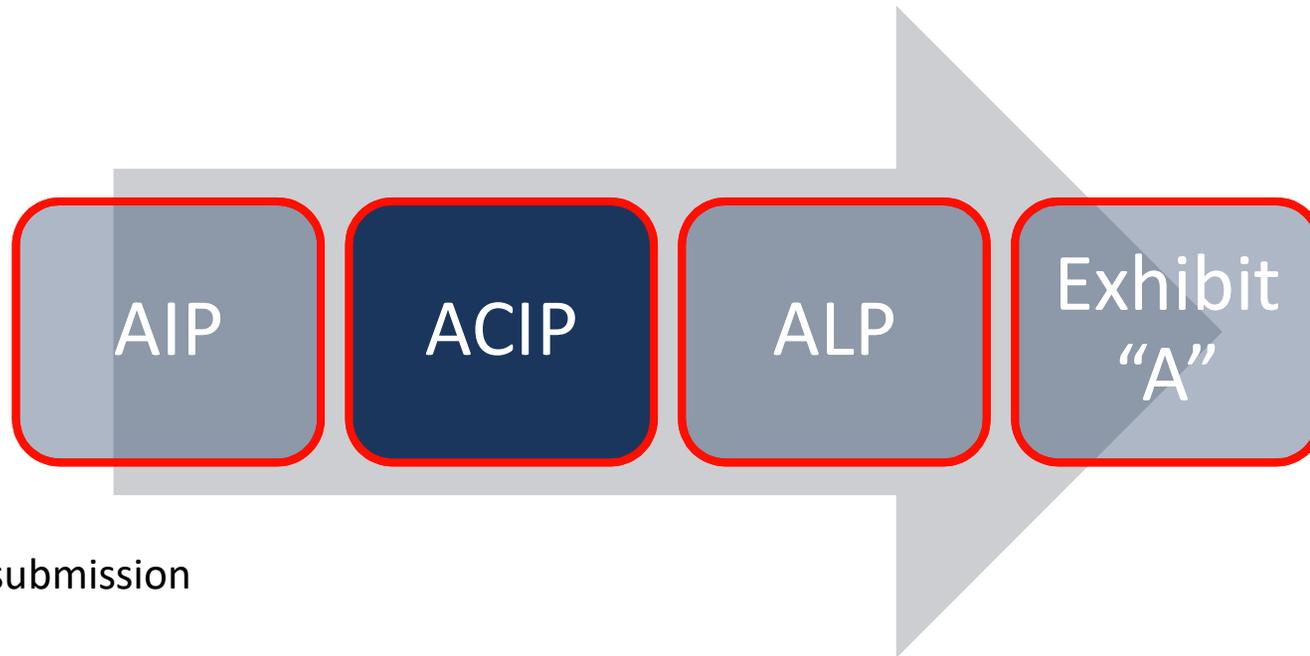
Planning Process



 NPIAS

 Showing a need for \$750,000 or more for five years

Planning Process



ACIP submission



Project Description and Justification



Cost Estimate



Approved ALP



Sketch

ACIP Submittal

Proposed FY to Begin Project	Project Description	Project Identification in ALP/MP (Yes No)	Sponsor Priority Number	AIP Entitlements	AIP Discretionary	AIP Apportionment	State Participation	Sponsor Participation	Estimated Total Cost of Project	Justification
2019	Corporate Hangar Maintenance	No	2	18,000			1,000	1,000	20,000	Main hangar from 1965 needs siding and roof replacement (Acid rain damaged); noted in the airport inspection report for rust, paint, sealing. Includes some replacing windows. This is our office and maintenance hangar.
2019	Runway Lights - DESIGN	No	1	45,000			2,500	2,500	50,000	New runway lighting system required to resume night time operations
2020	Runway Lights/Night Certification	No	1	450,000			25,000	25,000	500,000	Airport requires night recertification. Includes obstruction lighting, runway lighting (MIRL/REIL), <u>repair/upgrade</u> beacon.
2021	Finish Security Fence	No	4	135,000			7,500	7,500	150,000	Security fencing needs to be completed per ALP and new security regulations. Should be completed after new apron is installed

Project Total Cost 720,000.00

Sketch



NOTE:
This diagram is for orientation purposes only and is not to scale. Aprons, buildings, roadways, taxiways, runway extension, property lines, etc. shown on the photo are approximated in size, shape and location. Security or other miscellaneous improvements are not shown on diagram but may be included in the ACIP.

Key ACIP 2019-2021 Proposed Projects

2019:
② ■ Corporate Hangar Maintenance
① Runway Lights (Design)

2020:
① Runway Lights/Night Certification

2021:
④ - - - - - Finish Security Fence

Planning Perspective



Design Standards



Airport Design and Control of Safety Surfaces (RSA, OFA, RPZ, etc.)

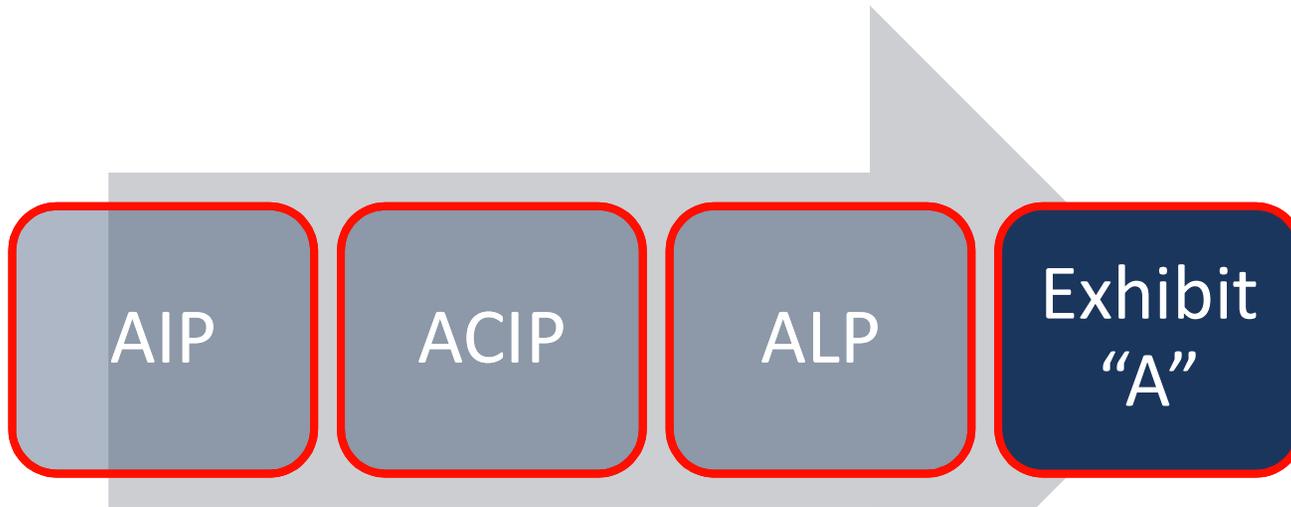


Aeronautical Development



Airspace Protection and AGIS

Planning Perspective



-  Compliance with AIP Grant Assurances
-  Proposed vs. Existing
-  Different than a Property Map

Contact Information

Jordan Gunn
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Jordan.gunn@tn.gov

Anna Bobrowski
615-253-1889
Anna.bobrowski@tn.gov

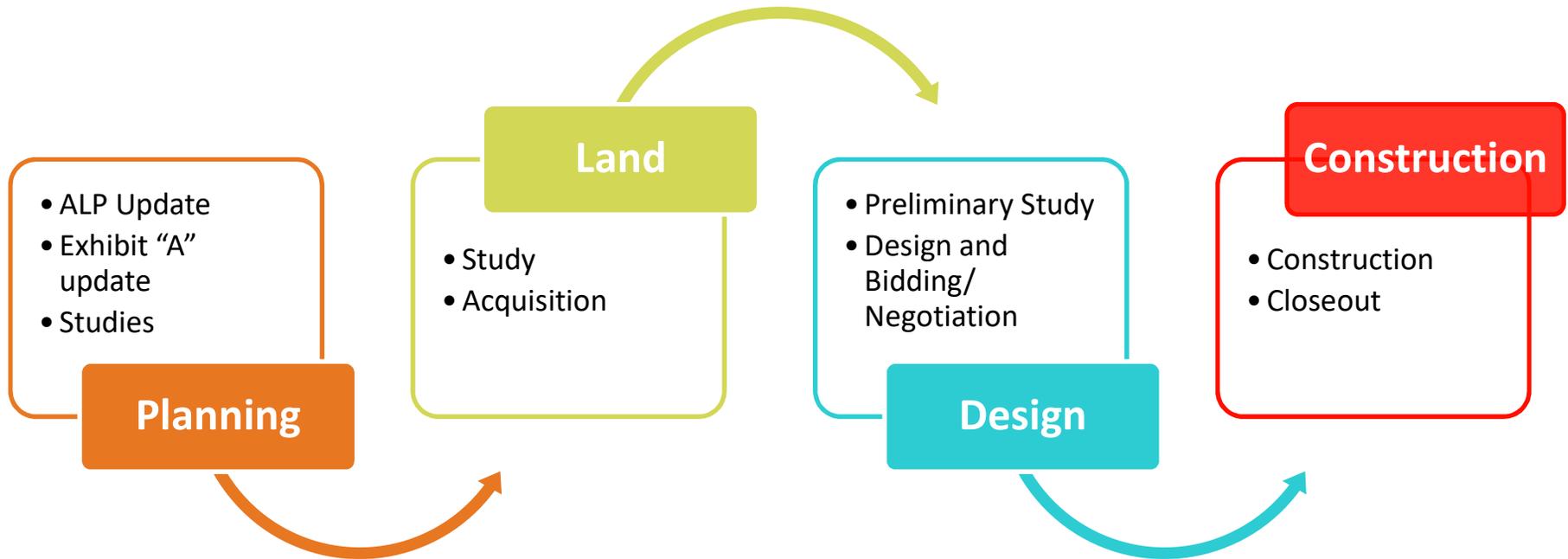


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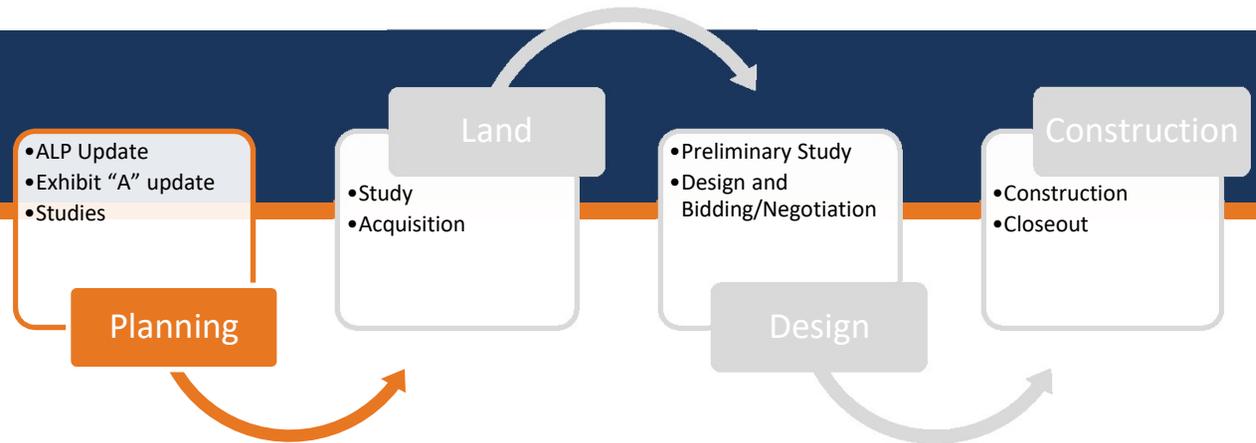
Phasing and Timing of Development

John Paul Saalwaechter, PE, Engineering Manager

Development Phases

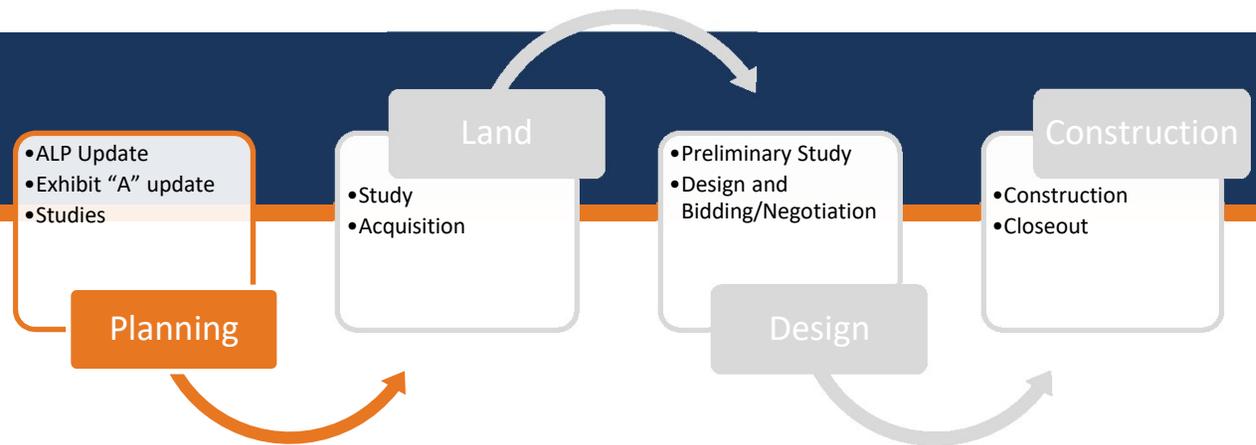


Planning



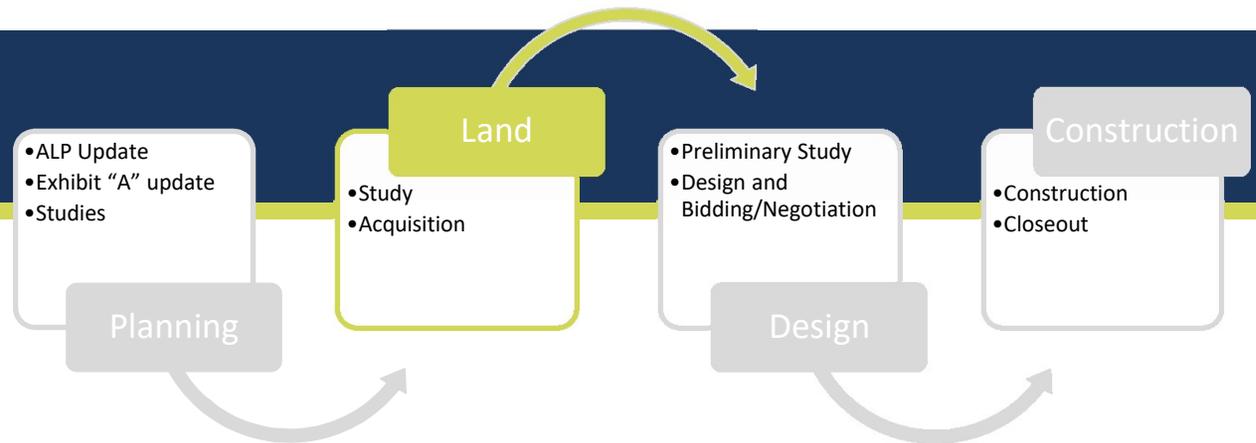
- Current ALP
 - A current FAA approved ALP showing the proposed airport development is a prerequisite for issuance of a grant.

Planning



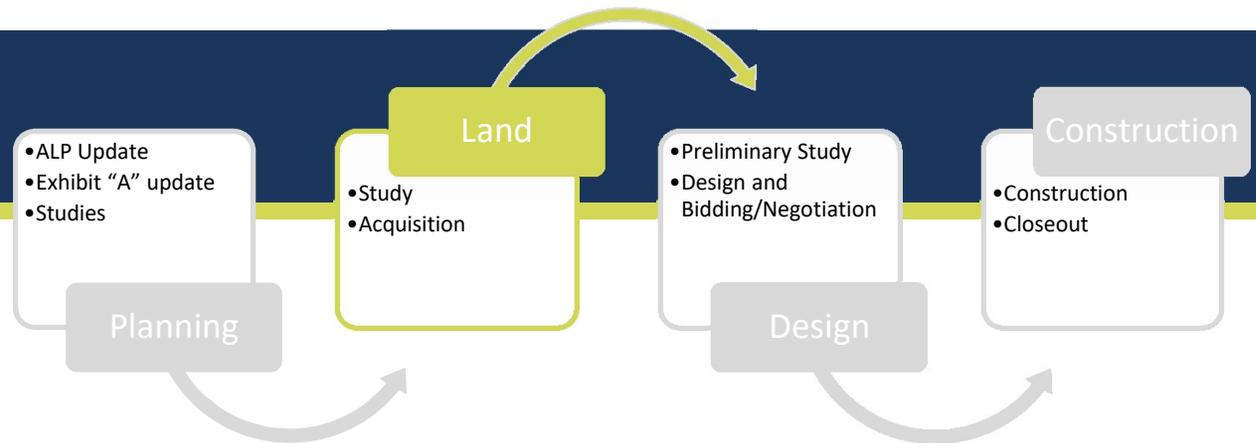
- Grant Assurance 29
 - Any sponsor who has received a grant for airport development is obligated by grant assurance to “keep the ALP up-to-date at all times.”
 - The same is true for the Exhibit ‘A’.

Land



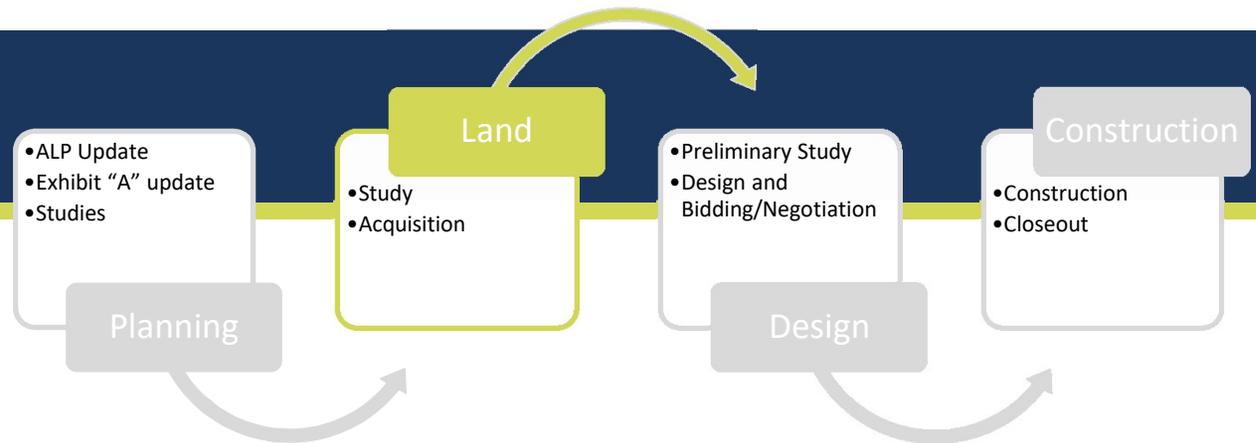
- Acquisition... then development
 - Sponsors must accomplish land acquisition prior to and separately from the grant for the development project.
 - Sponsor must hold adequate property rights.

Land



- Runway Protection Zone (RPZ)
 - Sponsor must have sufficient interest in the RPZ to protect from **both** obstructions and incompatible land use.
 - 3 Ways to attain sufficient interest:
 1. Purchase the approach areas in fee.
 2. Purchase of an easement.
 3. Rely upon adequate zoning.

Land

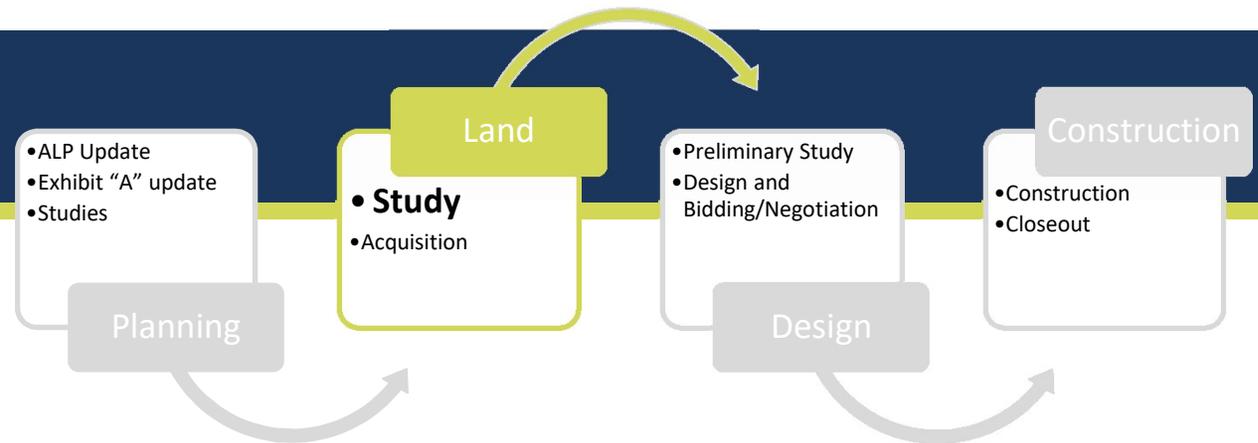


- Interim Guidance: New or modified land uses in RPZ

Table 1: Land Uses Requiring Coordination with APP-400

- Buildings and structures (Examples include, but are not limited to: residences, schools, churches, hospitals or other medical care facilities, commercial/industrial buildings, etc.)
- Recreational land use (Examples include, but are not limited to: golf courses, sports fields, amusement parks, other places of public assembly, etc.)
- Transportation facilities. Examples include, but are not limited to:
 - Rail facilities – light or heavy, passenger or freight
 - Public roads/highways
 - Vehicular parking facilities
- Fuel storage facilities (above and below ground)
- Hazardous material storage (above and below ground)
- Wastewater treatment facilities
- Above-ground utility infrastructure (i.e. electrical substations), including any type of solar panel installations.

Land



- Study Phase

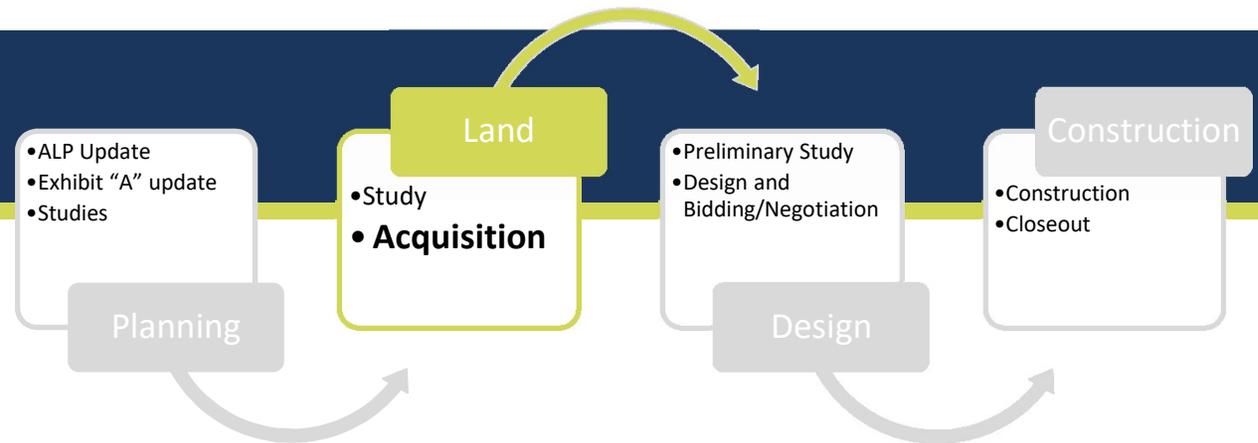
- TDOT Requirements

- Letter
- Summary of costs
- Schedule

- Actions & Expectations

- Survey and Description
- Environmental Site Assessment (ESA)
- Appraisal and Review Appraisal
- **Negotiations (land costs)**

Land



• Acquisition Phase

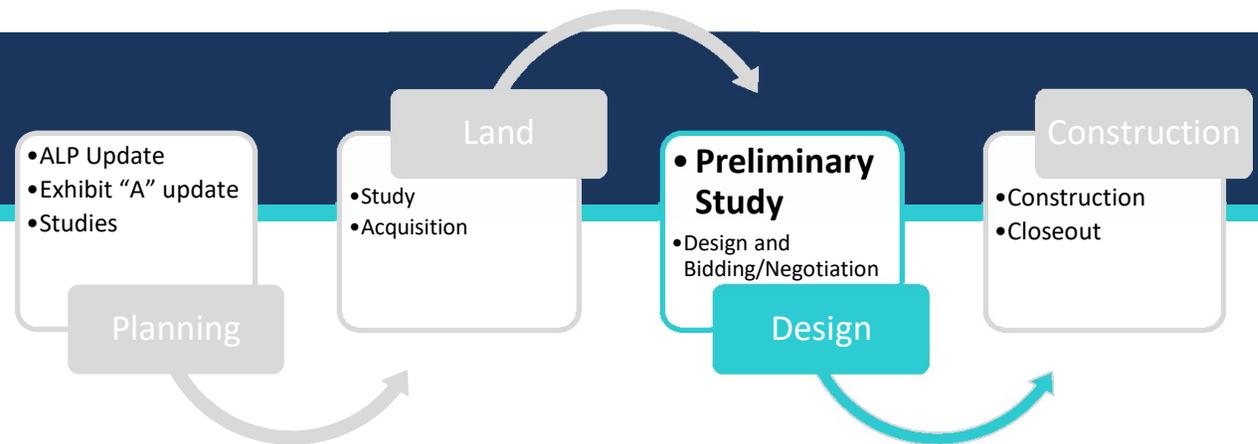
• TDOT Requirements

- ❑ Letter
- ❑ Summary of costs
- ❑ Schedule

• Actions & Expectations

- Land transactions
- Legal and Closing Fees
- **Evidence of Good Title**
- Relocation Assistance (as applicable)
- Exhibit "A" property map update

Design



• Preliminary Study Phase

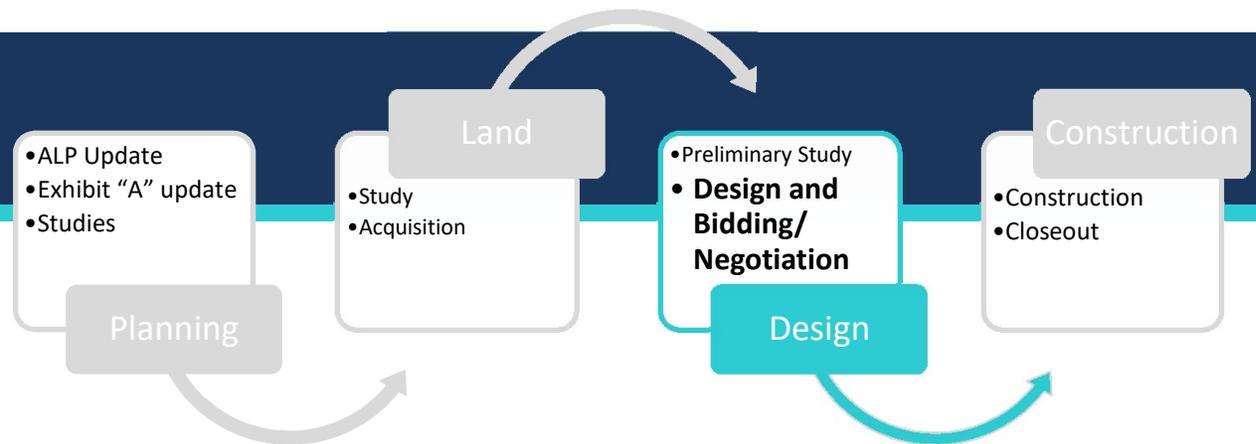
TDOT Requirements

- Letter
- Man-hour estimate and fee proposal for Preliminary services
- Schedule

Deliverables

- Geotechnical Report
- Environmental clearance/review document
- **Itemized opinion of probable Construction Cost (+30% to -20%)**
- Summary of allowances for other items included in Total Project Cost
- Preliminary Report

Design

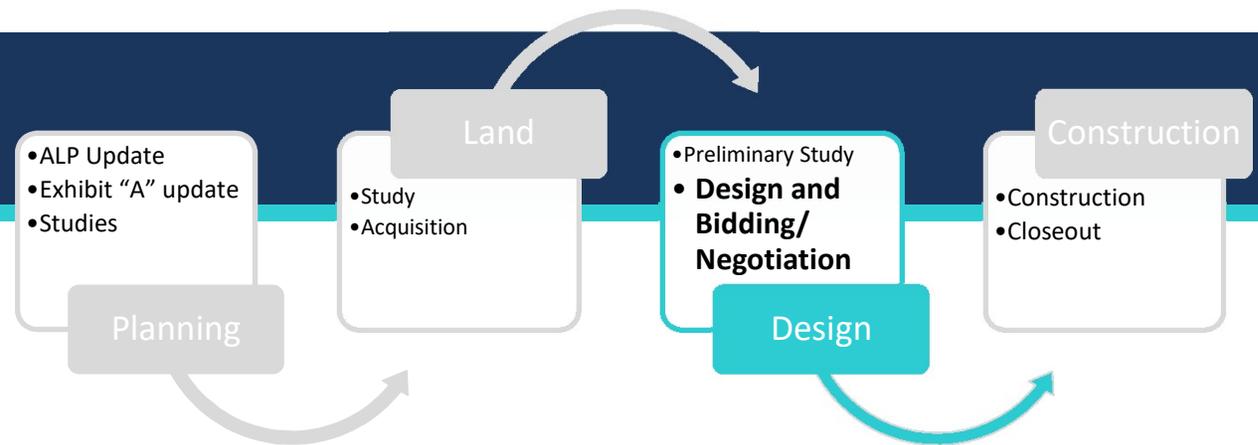


- Design and Bidding/Negotiation Phase

TDOT Requirements

- Letter
- Itemized opinion of probable Construction Cost (+30% to -20%)**
- Man-hour estimate and fee proposal for design and bidding/negotiation services
- Scope and fee relationship to construction cost (%)
- Schedule

Design



- Design and Bidding/Negotiation Phase

Deliverables

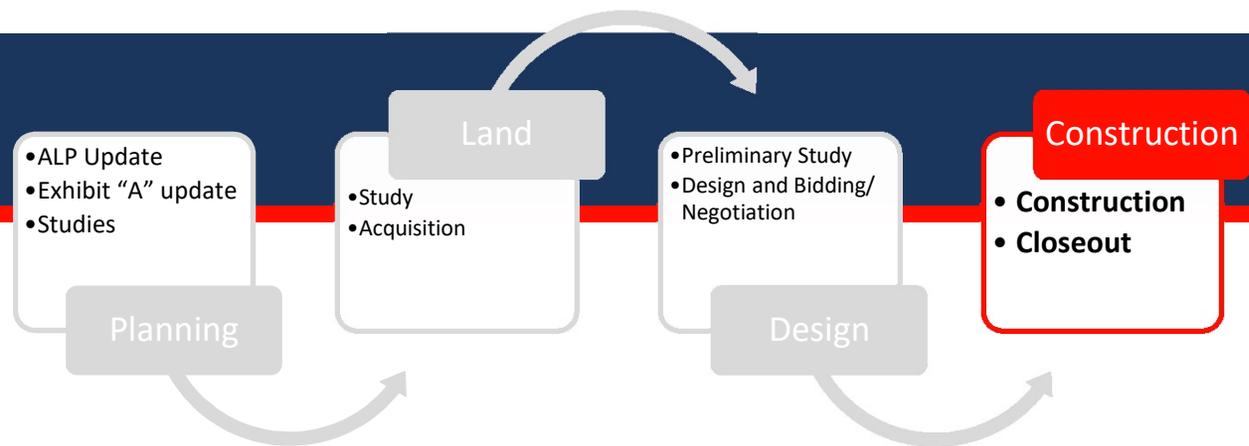
- Final Design

- Engineer's Report
- Plans and Specifications
- Construction Schedule
- Cost Estimate
- CSPP
- Bid book and Contract Specs
- Special Studies

- Bidding/Negotiation

- Advertisement
- Record of plans holders and prospective bidders
- Addenda, if necessary
- Bid Tabulations**
- Award letter
- Construction Contract

Construction

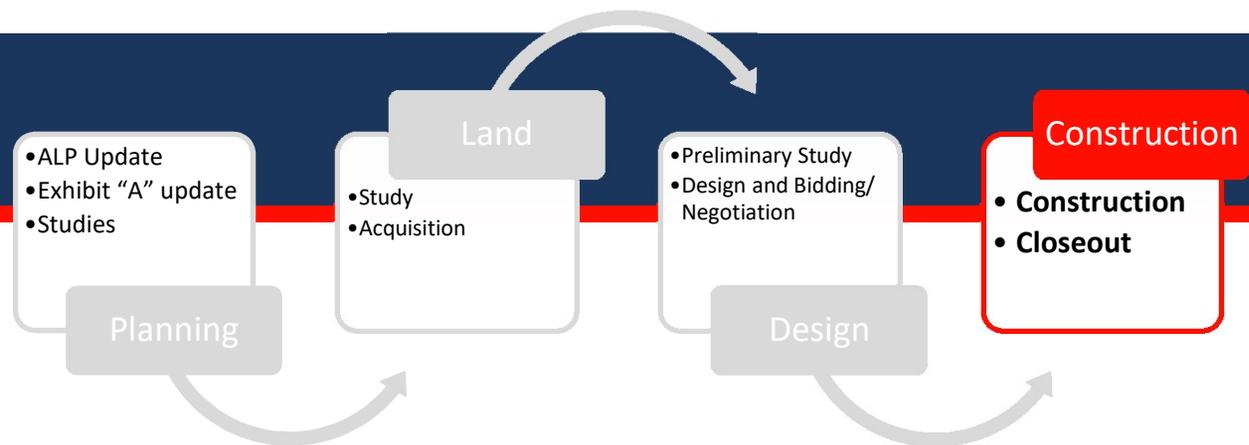


- ## Construction/Closeout

TDOT Requirements

- Letter
- Bid tabulations**
- Man-hour estimate and fee proposal for construction/closeout services
- Scope and fee relationship to Construction cost (%)
- Schedule

Construction



- ## Construction/Closeout

Deliverables

- Change orders and Supplemental Agreements
- Punch-lists and Statement of substantial completion
- Final Construction/Inspection Report
- Record drawings or as-built drawings
- Summary of material testing report
- Summary of project change orders
- Grant amendment request and associated justification, if applicable
- Final project reports including financial summary.
- DBE Participation

Other Requirements

- RSA Determination
 - Construction, reconstruction (includes overlays), or significant expansion of any runway
- RPZ Alternatives Analysis Study
 - When incompatible land uses enter the limits of new or modified RPZs
- AGIS Survey
 - Changes to safety critical data

Other Requirements

- 5010 Master Record Updates
 - Development projects that modify airport features
- As-built ALP
 - Geometric changes are made to airfield pavements
- Airport Chart/Diagram Modification
 - Impacts to Instrument Approach Procedures

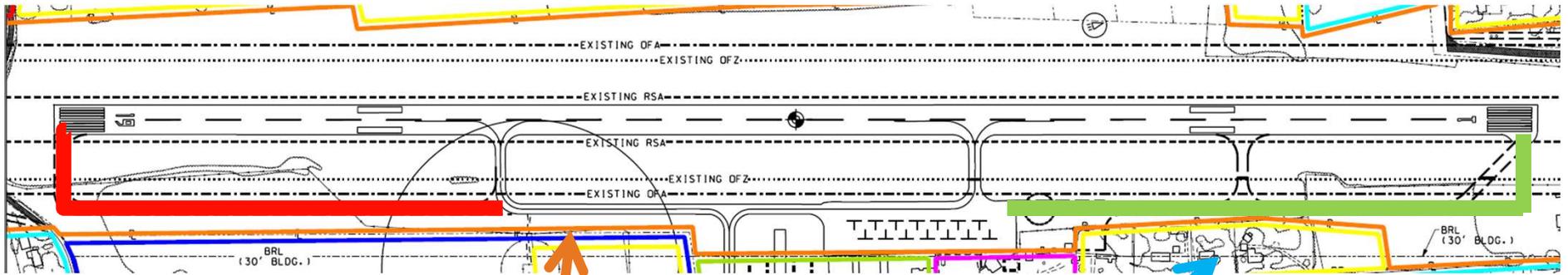
BREAK

Phasing – Affordability Example

- Objective: Full Parallel Taxiway



Phasing – Affordability Example



Prerequisites

- ✓ On ALP
- Adequate property rights?

Phase 1

- Design Grant
 - Preliminary Study (FY 2020)
 - Design and Bidding (FY 2020)
- Construction (FY 2021)

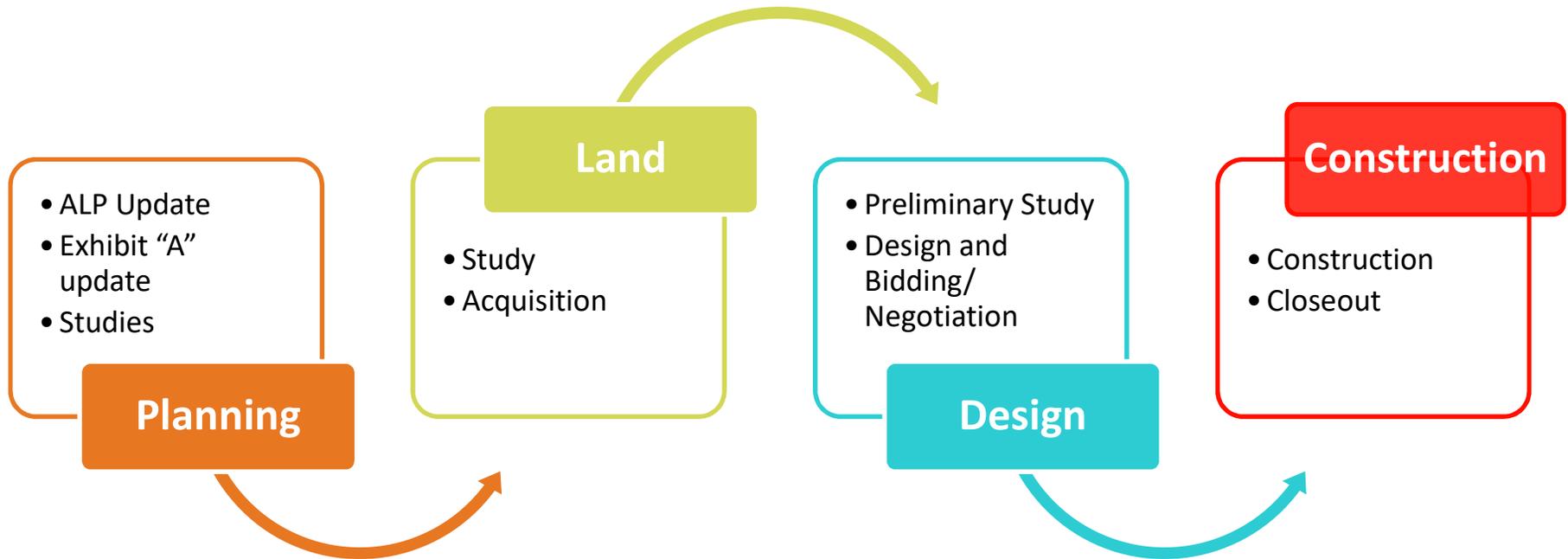
Phase 2

- Land Acquisition
 - Study (FY 2021)
 - Acquisition (FY 2022)

Phase 3

- Design Grant
 - Preliminary Study (FY 2023)
 - Design and Bidding (FY 2023)
- Construction (FY 2024)

Development Phases



The logo consists of a red square containing the letters 'TN' in white, serif font. Below the red square is a thin blue horizontal bar.

TN

Programming

John Briggs, Transportation Manager 1

Programming and Monitoring

- Airport License
- ACIP Programming
- BlackCat

Airport License

- Online Airport License Application
- Airport Inspection SOP
- Conditional License
 - Usually granted for 120 days
 - Must have plan of action to correct if needed beyond 120 days



What Happens After ACIP Submission?

FY19 ACIP submission from 2018:

- 90 projects
- \$29 Million

Budget:

\$9.3M NPE

\$4.6M Apportionment

\$8.0M TEF

\$21.9M Total

\$29M > \$22M = Prioritization

Associated City	Year	Title	Airport Priority	FAA Prio	Estimate Cost	Sponsor Participation	NPE Balance	Project Category	Rank	NPE	2018 Apportionment	DIS/MAP	2018 TEF
Aeromantics	2018	State Wide Plan			\$2,000,000			Planning			\$0.00		\$2,000,000.00
Athens	2018	Remove existing corporate hangars in OFA	6	60	\$150,000	\$7,500.00	\$0.00	Safety	1	\$135,000.00	\$0.00		\$7,500.00
Athens	2018	RPZ Acquisition - R/W 02	8	42	\$200,000	\$10,000.00	\$0.00	Safety	1	\$68,036.26	\$0.00		\$122,000.00
Athens	2018	Replace Taxiway Lighting CONSTRUCTION	3	64	\$300,000	\$15,000.00	\$0.00	Infrastructure Preservation	4	\$0.00	\$0.00		\$285,000.00
Bolivar	2018	T-Hangar	4	0	\$0	\$0.00	\$778,746.00	Revenue Producing	10	\$0.00			\$0.00
Camden	2018	Replace REILS	1	45	\$70,000	\$3,500.00	\$526,322.00	Safety	1	\$63,000.00			\$3,500.00
Camden	2018	Bulldozer / Taxiway Connector Replacement	2	49	\$200,000	\$10,000.00	\$0.00	Standards	5	\$180,000.00			\$10,000.00
Camden	2018	Remove Bulldozers	3	46	\$100,000	\$5,000.00	\$0.00	Standards	5	\$90,000.00			\$5,000.00
Centerville	2018	Reli replacement	2	47	\$65,000	\$3,250.00	\$751,470.00	Safety	1	\$58,500.00			\$3,250.00
Centerville	2018	RPZ Acquisition	1	44	\$130,000	\$6,500.00	\$634,470.00	Safety	1	\$117,000.00			\$6,500.00
Centerville	2018	Rehab Papis	3	40	\$25,000	\$1,250.00	\$611,970.00	Safety	1	\$22,500.00			\$1,250.00
Centerville	2018	Airfield Pavement Maintenance	5	68	\$50,000	\$2,500.00	\$566,970.00	Pavement Preservation	3	\$45,000.00			\$2,500.00
Centerville	2018	Pavement Maintenance	6	52	\$30,000	\$1,500.00	\$0.00	Pavement Preservation	3	\$45,000.00			\$2,500.00
Centerville	2018	Airport Storage	8	0	\$0.00	\$0.00	\$0.00	Landside	8	\$2,700.00			\$0.00
Centerville	2018	T-Hangar	7	32	\$650,000	\$32,500.00	\$0.00	Revenue Producing	10	\$585,000.00			\$32,500.00
Cleveland	2018	Grounds Maintenance Equipment	3	38	\$80,000	\$4,000.00	\$217.00	Equipment	7	\$60,000.00			\$4,000.00
Collegedale	2018	Replace culvert under runway	1	42	\$250,000	\$12,500.00	\$0.00	Infrastructure Preservation	4	\$0.00			\$237,500.00
Columbia/Mount Pleasant	2018	Land Acquisition for Turf Runway Obstructions	4	42	\$90,000	\$4,500.00	\$0.00	Safety	1	\$85,500.00			\$4,500.00
Copperhill	2018	Runway Lights - DESIGN	1	79	\$50,000	\$2,500.00	\$513,644.00	Safety	1	\$45,000.00			\$2,500.00
Copperhill	2018	Corporate Hangar Maintenance	2	31	\$20,000	\$1,000.00	\$455,644.00	Infrastructure Preservation	4	\$18,000.00			\$1,000.00
Covington	2018	Security Improvement	2	40	\$75,000	\$3,750.00	\$82,500.00	Security	2	\$67,500.00			\$3,750.00
Crossville	2018	Concrete Fueling Apron	4	58	\$5,000	\$250.00	\$121,670.00	Pavement Preservation	3	\$4,500.00			\$250.00
Crossville	2018	ALP Update	3	64	\$105,000	\$5,250.00	\$27,170.00	Planning	6	\$94,500.00			\$5,250.00
Dayton	2018	ISA Design	2	44	\$200,000	\$10,000.00	\$0.31	Safety	1	\$226,607.34			\$10,000.00
Dayton	2018	Tree Clearing	3	90	\$50,000	\$2,500.00	\$0.00	Safety	1	\$45,000.00			\$2,500.00
Dayton	2018	Pavement/land purchase	4	42	\$50,000	\$2,500.00	\$0.00	Safety	1	\$45,000.00			\$2,500.00
Dyersburg	2018	Land Acquisition for Access Road	5	22	\$30,000	\$1,500.00	\$0.00	Landside	8	\$27,000.00			\$1,500.00
Dyersburg	2018	Construct 10 Unit T-Hangar	6	31	\$450,000	\$22,500.00	\$0.00	Revenue Producing	10	\$405,000.00			\$22,500.00
Elizabethton	2018	Obstruction Removal	3	90	\$75,000	\$3,750.00	\$270,042.00	Safety	1	\$30,500.00			\$40,500.00
Fayetteville	2018	Obstruction Removal North - Phase 3	1	90	\$50,000	\$2,500.00	\$0.00	Safety	1	\$45,000.00			\$2,500.00
Fayetteville	2018	Taxiway/Ramp/ Lighting - Construction	3	64	\$90,000	\$4,500.00	\$0.00	Pavement Preservation	3	\$85,500.00	\$0.00		\$4,500.00
Gainesboro	2018	Obstruction Clearing - Phase III Construction	3	90	\$80,000	\$4,000.00	\$0.00	Safety	1	\$72,000.00		\$0.00	\$4,000.00
Gainesboro	2018	AWOS/AV	4	47	\$85,000	\$4,250.00	\$0.00	Safety	1	\$0.00			\$90,250.00
Gainesboro	2018	Fuel Farm - 100 LL 4,000 GAL	5	37	\$400,000	\$20,000.00	\$0.00	Revenue Producing	10	\$360,000.00			\$20,000.00
Gallatin	2018	Obstruction Clearing	4	92	\$25,000	\$1,250.00	\$127,500.00	Safety	1	\$22,500.00			\$1,250.00
Greenville	2018	Security Enhancements	5	41	\$75,000	\$3,750.00	\$67,500.00	Security	2	\$67,500.00			\$3,750.00
Hohenwald	2018	Pre engineering and planning for runway 02/20 rehab	2	68	\$200,000	\$10,000.00	\$0.00	Pavement Preservation	3	\$190,000.00	\$0.00		\$10,000.00
Humboldt	2018	Pre engineering and planning for runway 02/20 rehab	2	70	\$50,000	\$2,500.00	\$38,517.00	Pavement Preservation	3	\$50,000.00			\$2,500.00
Humboldt	2018	Apron crack sealing	3	60	\$25,000	\$1,250.00	\$516,017.00	Pavement Preservation	3	\$22,500.00			\$1,250.00
Humboldt	2018	Security Fencing	4	38	\$250,000	\$12,500.00	\$0.00	Security	2	\$225,000.00			\$12,500.00
Jackson	2018	R/W 02/20 Design	3	66	\$500,000	\$25,000.00	\$0.00	Pavement Preservation	3	\$150,000.00	\$300,000.00		\$25,000.00
Jasper	2018	Land or easement purchases	4	90	\$100,000	\$5,000.00	\$0.00	Safety	1	\$90,000.00			\$5,000.00
Jasper	2018	R/W 04 Infield drainage improvement	6	45	\$85,000	\$4,250.00	\$0.00	Infrastructure Preservation	4	\$76,500.00			\$4,250.00
Knoxville	2018	REILS	8	47	\$150,000	\$7,500.00	\$0.00	Safety	1	\$131,500.00			\$7,500.00
Knoxville	2018	Runway & Electrical Reconstruction	7	68	\$3,150,000	\$157,500.00	\$0.00	Pavement Preservation	3	\$243,550.00	\$2,591,449.23		\$157,500.00
Lawrenceburg	2018	North Land Acquisition and Clearing	2	90	\$400,000	\$20,000.00	\$296,315.00	Safety	1	\$296,315.00			\$20,000.00
Lebanon	2018	Partial Parallel Taxiway - West Side - Design Phase	5	42	\$75,000	\$3,750.00	\$0.00	Safety	1	\$71,250.00	\$0.00		\$3,750.00
Lewisburg	2018	Ground maintenance equip	3	38	\$50,000	\$2,500.00	\$0.00	Equipment	7	\$47,500.00			\$2,500.00
Lexington/Parsons	2018	Spill containment area for fuel truck	2	62	\$100,000	\$5,000.00	\$0.00	Safety	1	\$90,000.00			\$5,000.00
Lexington/Parsons	2018	Fuel farm ramp expansion	3	44	\$300,000	\$15,000.00	\$0.00	Revenue Producing	10	\$180,000.00			\$15,000.00
Linden	2018	Runway Pavement Maintenance	1	70	\$200,000	\$10,000.00	\$0.00	Pavement Preservation	3	\$45,000.00			\$23,500.00
Madisonville	2018	Entrance Road Relocation DESIGN	1	47	\$100,000	\$5,000.00	\$0.00	Modernization/Capacity	9	\$90,000.00			\$5,000.00
McMinnville	2018	Drainage Phase I - Preliminary Engineering	2	42	\$55,000	\$2,750.00	\$100,500.00	Infrastructure Preservation	4	\$49,500.00			\$2,750.00
McMinnville	2018	Drainage Phase II - Final Design & Bid	3	42	\$45,000	\$2,250.00	\$60,000.00	Infrastructure Preservation	4	\$40,500.00			\$2,250.00
McMinnville	2018	Obstruction Clearing	6	90	\$100,000	\$5,000.00	\$0.00	Safety	1	\$0.00			\$95,000.00
Memphis (Baker)	2018	Seal Coat Runway and Taxiway	3	88	\$170,000	\$8,500.00	\$885,950.00	Pavement Preservation	3	\$153,000.00			\$8,500.00
Memphis (Baker)	2018	Hangar Relocation Phase I	1	32	\$500,000	\$25,000.00	\$435,950.00	Infrastructure Preservation	4	\$450,000.00			\$25,000.00
Memphis (Baker)	2018	Fuel farm upgrade	2	18	\$100,000	\$100,000.00	\$435,950.00	Modernization/Capacity	9	\$0.00			\$100,000.00
Memphis (Baker)	2018	Pavement joint & crack sealing	12	68	\$20,000	\$1,000.00	\$0.00	Safety	3	\$18,000.00			\$1,000.00
Memphis (Spain)	2018	Pavement joint & crack sealing	8	58	\$10,000	\$500.00	\$179,906.87	Pavement Preservation	3	\$0.00			\$9,500.00
Millington	2018	Part 339 Markings	14	42	\$99,000	\$4,950.00	\$0.00	Safety	1	\$94,050.00			\$4,950.00
Millington	2018	Nov 4-22 Rehab	10	68	\$8,983,000	\$449,150.00	\$0.00	Pavement Preservation	3	\$150,000.00	\$2,934,700.00		\$449,150.00
Millington	2018	New Taxiway	24	64	\$16,500,000	\$825,000.00	\$0.00	Planning	6	\$156,750.00			\$825,000.00
Nashville	2018	new Tractor & Bushhog	7	38	\$105,000	\$5,250.00	\$192,631.00	Equipment	7	\$0.00			\$5,250.00
New Tazewell	2018	perimeter fencing	5	38	\$400,000	\$20,000.00	\$210,000.00	Security	2	\$360,000.00			\$20,000.00
Onida	2018	T Hangar Design	3	0	\$100,000	\$5,000.00	\$193,259.00	Revenue Producing	10	\$90,000.00			\$5,000.00
Onida	2018	T Hangar Project	4	31	\$600,000	\$30,000.00	\$0.00	Revenue Producing	10	\$150,000.00			\$30,000.00
Portland	2018	Construction of Apron Pavements Old Hanger	3	52	\$315,500	\$15,775.00	\$0.00	Pavement Preservation	3	\$150,000.00	\$0.00		\$14,775.00
Putakli	2018	Repairs REILS - East & South	2	47	\$30,000	\$1,500.00	\$283,032.00	Safety	1	\$27,000.00			\$1,500.00
Putakli	2018	Approach Clearing - North	4	42	\$500,000	\$25,000.00	\$0.00	Safety	1	\$433,032.00			\$25,000.00
Rockwood	2018	Corporate Hangar Update	3	31	\$130,000	\$6,500.00	\$76,607.34	Infrastructure Preservation	4	\$117,000.00			\$6,500.00
Rogersville	2018	Obstruction clearing	2	88	\$30,000	\$1,500.00	\$303,707.00	Safety	1	\$28,500.00			\$1,500.00
Savannah	2018	Tree clearing R/W 1/19 approach	3	75	\$50,000	\$2,500.00	\$0.00	Safety	1	\$45,000.00			\$2,500.00
Savannah	2018	Design of Runway Replacement	4	50	\$397,000	\$19,850.00	\$0.00	Pavement Preservation	3	\$357,300.00			\$19,850.00
Selmer	2018	Fremerig REILS - East & South	2	38	\$25,000	\$1,250.00	\$255,500.00	Safety	2	\$120,015.00			\$1,250.00
Sevierville	2018	Runway Reconfiguration Phase II-Design	8	68	\$300,000	\$15,000.00	\$0.00	Pavement Preservation	3	\$150,000.00	\$120,000.00		\$15,000.00
Sevierville	2018	Pilot Controlled Lighting System	1	43	\$20,000	\$1,000.00	\$73,500.00	Safety	1	\$18,000.00			\$1,000.00
Sevierville	2018	Security cameras	1	38	\$35,000	\$1,750.00	\$42,000.00	Security	2	\$31,500.00			\$1,750.00
Sevierville	2018	Obstruction removal	3	46	\$65,000	\$3,250.00	\$91,500.00	Safety	1	\$58,500.00			\$3,250.00
Sevierville	2018	Obstruction Survey	2	57	\$25,000	\$1,250.00	\$69,000.00	Infrastructure Preservation	4	\$22,500.00			\$1,250.00
Smithville	2018	Design Parallel taxiway (Standards)	5	47	\$120,000	\$6,000.00	\$0.00						

What Happens After ACIP Submission?



State Priority Ranking

1. Safety
2. Security
3. Pavement Preservation/Maintenance
4. Preservation of Infrastructure
5. Compliance with current FAA Standards
6. Planning
7. Increase Capacity/Modernization
8. Equipment
9. Landside Improvements
10. Revenue Producing

What Happens After ACIP Submission?

FAA Priority Calculation

- FAA Order 5100.39A Airport Capital Improvement Plan (Appendix 5)

$$\text{Priority} = .25P(A + 1.4P + C + 1.2T)$$

Non Primary Commercial Service, Reliever, and General Aviation Airports

Based Aircraft/Itinerant Operations

A -	100 or 50,000	= 5 pts
B -	50 or 20,000	= 4 pts
C -	20 or 8,000	= 3 pts
D -	<20 and <8,000	= 2 pts

P = Purpose Points (0 to 10 pts)

CA = Capacity = 7pts
EN = Environment = 8pts
OT = Other = 4pts
PL = Planning = 8pts
RE = Reconstruction = 8pts
SA = Safety/Security = 10pts
SP = Statutory Emphasis Programs = 9pts
ST = Standards = 6pts

C = Component Points (0 to 10 pts)

AP = Apron = 5pts	RW = Runway = 10pts
BD = Building = 3pts	SB = Seaplane = 9pts
EQ = Equipment = 8pts	TE = Terminal = 1pt
FI = Financing = 0pts	TW = Taxiway = 8pts
GT = Ground Transportation = 4pts	VT = Vertiport = 4pts
HE = Helipad = 9pts	
HO = Homes = 7pts	
LA = Land = 7pts	
NA = New Airport = 4pts	
OT = Other = 7pts	
PB = Public Building = 7pts	
PL = Planning = 7pts	

T = Type Points (0 to 10 pts)

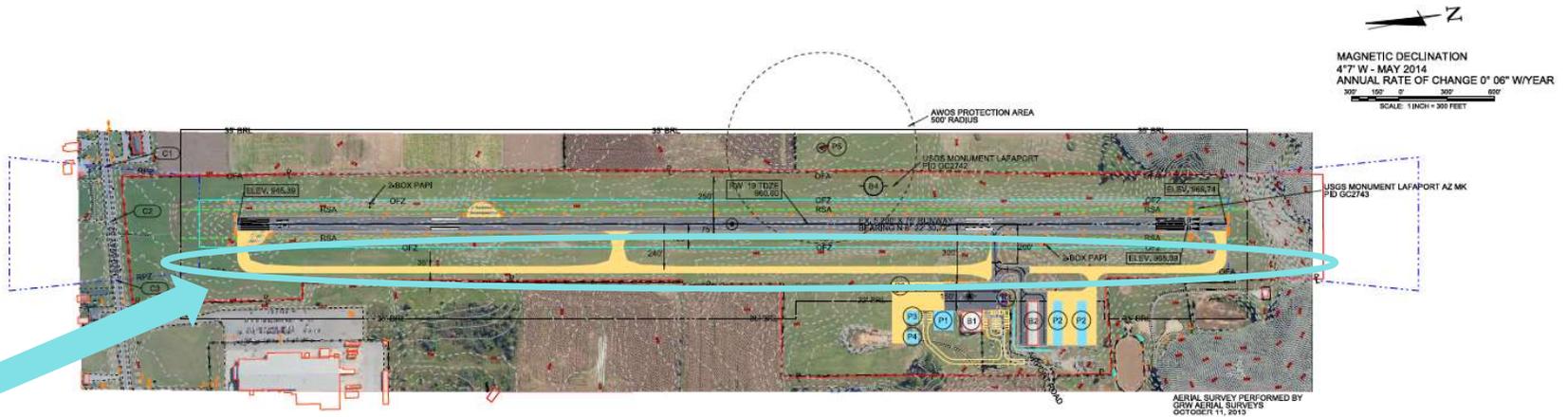
60 = Outside 65 DNL = 0pts	IM = Improvements = 8pts	SE = Security Improvement = 6pts
65 = 65 - 69 DNL = 4pts	IN = Instrument Approach Aid = 7pts	SF = RW Safety Area = 8pts
70 = 70 - 74 DNL = 7pts	LI = Lighting = 8pts	SG = RW/TW Signs = 9pts
75 = Inside 75 DNL = 10pts	MA = Master Plan = 9pts	SN = Snow Removal Equipment = 9pts
AC = Access = 7pts	ME = Metropolitan Planning = 7pts	SR = Sensors = 8pts
AD = Administration Costs = 0pts	MS = Miscellaneous = 5pts	ST = State Planning = 8pts
AQ = Acquire Airport = 5pts	MT = Mitigation = 6pts	SV = Service = 6pts
BO = Bond Retirement = 0pts	NO = Noise Plan/Suppression = 7pts	SZ = Safety Zone (RPZ) = 8pts
CO = Construction = 10pts	OB = Obstruction Removal = 10pts	VI = Visual Approach Aids, Aid = 8pts
DI = De-Icing Facilities = 6pts	PA = Parking = 1pt	VT = Construct V/Tol RW/Vert Plan = 2pts
DV = Development Land = 6pts	PM = People Mover = 3pts	WX = Weather Reporting Equipment = 8pts
EX = Extension/Expansion = 6pts	RF = ARFF Vehicle = 10pts	
FF = Fuel Farm Development = 2pts	RL = Rail = 3pts	
FR = RW Friction = 9pts		

What Happens After ACIP Submission?

Associated City	Year	Title	Airport Priority	FAA Priority	AERO Rank	Estimate Cost	Sponsor Participation	NPE Balance	NPE	APP	DIS/MAP	State
Airport 2	2019	Partial Parallel Taxiway - DESIGN	1	57	1	\$150,000	\$7,500.00	\$265,000.00	\$135,000.00			\$7,500.00
Airport 2	2019	Obstruction Survey (OAS)	5	42	1	\$15,000	\$750.00	\$251,500.00	\$13,500.00			\$750.00
Airport 2	2019	Apron Rehabilitation	2	58	3	\$150,000	\$7,500.00	\$116,500.00	\$135,000.00			\$7,500.00
Airport 2	2020	Remove hangars in OFA		90	1	\$150,000	\$7,500.00	\$131,500.00	\$135,000.00			\$7,500.00
Airport 2	2020	RPZ Acquisition - R/W 02	8	42	1	\$200,000	\$10,000.00	\$63,463.74	\$68,036.26			\$122,000.00
Airport 2	2020	Partial Parallel Taxiway - CONSTRUCTION	3	64	4	\$1,600,000	\$80,000.00	\$0.74	\$63,463.00	\$1,376,537.00		\$80,000.00
Airport 2	2021	Terminal roof maintenance	4	32	4	\$50,000	\$2,500.00	\$150,000.74	\$0.00			\$47,500.00
Airport 2	2021	ALP Update	7	42	5	\$150,000	\$7,500.00	\$15,000.74	\$135,000.00			\$7,500.00

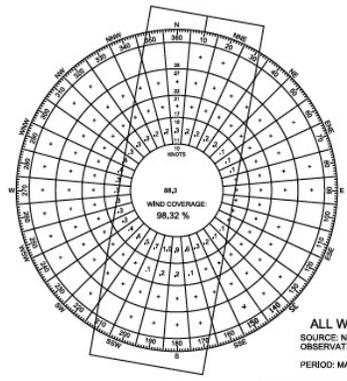
ACIP is sorted by year for five years and balanced to fit with other airports projects within discretionary, state apportionment ceilings, and TEF.

What Happens After ACIP Submission?



MAGNETIC DECLINATION
 4° 7' W - MAY 2014
 ANNUAL RATE OF CHANGE 0° 06" W/YEAR
 SCALE: 1 INCH = 300 FEET

LEGEND		
DESCRIPTION	EXISTING	PROPOSED
RUNWAY CENTERLINE	---	---
RUNWAY SAFETY AREA (RSA)	---	---
RUNWAY OBJECT FREE AREA (ROFA)	---	---
RUNWAY OBSTACLE FREE ZONE (ROFZ)	---	---
RUNWAY PROTECTION ZONE (RPZ)	---	---
BUILDING RESTRICTION LINE (BRL)	---	---
AIRPORT PAVEMENT	■	■
AIRPORT REFERENCE POINT	○	○
AIRPORT BUILDINGS	□	□
OTHER BUILDINGS	□	□
AIRPORT PROPERTY LINE / EASEMENTS	---	---
OTHER PROPERTY LINES	---	---
RAILROAD		
FENCE	---	---
ROADS	---	---
TREE LINE	---	---
GROUND ELEVATION CONTOURS	---	---
PAVEMENT TO BE REMOVED	---	---
PAPI* (2-BOX)
AWOS*	N/A	○
WINDCON*	○	○



ALL WEATHER WIND ROSE
 SOURCE: NATIONAL CLIMATIC DATA CENTER
 OBSERVATIONS LOCATIONS: NASHVILLE, TN
 BOWLING GREEN, KY
 PERIOD: MAR. 2004 - MAR. 2014

ALL WEATHER

AIRPORT DATA			
AIRPORT DATA	EXISTING	PROPOSED	
AIRPORT ELEVATION (MSL)	966.7	SAME	
AIRPORT REFERENCE POINT (NAD 83)	LATITUDE N 36° 31' 12.10"	SAME	
	LONGITUDE W 86° 03' 28.60"	SAME	
MEAN MAX TEMPERATURE OF HOTTEST MONTH	88.5°F	SAME	
AIRPORT TERMINAL AREA NAVAIDS	NONE	SAME	
AIRPORT REFERENCE CODE / RUNWAY	B-II	SAME	
DESIGN AIRCRAFT	CESSNA CIT, V	SAME	
TAXIWAY LIGHTING	MTL	SAME	

NOTE:
 ALL GVSS1 SITING MUST BE IN ACCORDANCE WITH FAA GUIDANCE.

REFERENCE DATUM			
NAVD83 - HORIZONTAL COORDINATES			
NAVD 88 - MSL ELEVATIONS			
RUNWAY DATA			
RUNWAY DATA		RUNWAY 0220	
	EXISTING	PROPOSED	
EFFECTIVE GRADIENT (%)	0.47%	SAME	
MAXIMUM GRADE CHANGE	0.87%	SAME	
WIND COVERAGE (%)	96.32%	SAME	
MAX. ELEVATION (MSL)	RWY 01 965.7	SAME	
	RWY 19 966.7	SAME	
RUNWAY LENGTH	5,200'	SAME	
RUNWAY WIDTH	70'	SAME	
USABLE RUNWAY LENGTH	5,200'	SAME	
SURFACE TYPE	SINGLE WHEEL ASPHALT	SAME	
PAVEMENT STRENGTH	DUAL WHEEL 31,000	SAME	
APPROACH SURFACE SLOPE	RWY 01 20.1	SAME	
	RWY 19 34.1	SAME	
APPROACH VISIBILITY MINIMUMS	RWY 01 1 MILE	SAME	
	RWY 19 1 MILE	SAME	
VISUAL APPROACH AIDS	RWY 01 PAPI / REIL	SAME	
	RWY 19 PAPI / REIL	SAME	
INSTRUMENT APPROACH AIDS	RWY 01 GFS	SAME	
	RWY 19 GFS	SAME	
RUNWAY LIGHTING	MRL	SAME	

What Happens After ACIP Submission?

Associated City	Year	Title	Airport Priority	FAA Priority	AERO Rank	Estimate Cost	Sponsor Participation	NPE Balance	NPE	APP	DIS/MAP	State
Airport 2	2019	Partial Parallel Taxiway - DESIGN	1	57	1	\$150,000	\$7,500.00	\$265,000.00	\$135,000.00			\$7,500.00
Airport 2	2019	Obstruction Survey (OAS)	5	42	1	\$15,000	\$750.00	\$251,500.00	\$13,500.00			\$750.00
Airport 2	2019	Apron Rehabilitation	2	58	3	\$150,000	\$7,500.00	\$116,500.00	\$135,000.00			\$7,500.00
Airport 2	2020	Remove hangars in OFA	6	90	1	\$150,000	\$7,500.00	\$131,500.00	\$135,000.00			\$7,500.00
Airport 2	2020	RPZ Acquisition - R/W 02	8	42	1	\$200,000	\$10,000.00	\$63,463.74	\$68,036.26			\$122,000.00
Airport 2	2020	Partial Parallel Taxiway - CONSTRUCTION		64	4	\$1,600,000	\$80,000.00	\$0.74	\$63,463.00	\$1,376,537.00		\$80,000.00
Airport 2	2021	Terminal roof maintenance	4	32	4	\$50,000	\$2,500.00	\$150,000.74	\$0.00			\$47,500.00
Airport 2	2021	ALP Update	7	42	5	\$150,000	\$7,500.00	\$15,000.74	\$135,000.00			\$7,500.00

ACIP is sorted by year for five years and balanced to fit with other airports projects within discretionary, state apportionment ceilings, and TEF.

What Happens After ACIP Submission?

Annual Inspection

SECTION TWO VIOLATIONS, STATE RECOMMENDED CORRECTIONS:

- 20:1 Federal Approach Slope Violations on Runway 18 approach end; therefore, an obstruction survey / removal project is recommended in the near future
- Fill material is needed along both sides of the runway
- Extensive cracking and faded markings on the ramp and taxiway; therefore, a pavement rehabilitation / crack sealing and marking project is recommended in the near future

PCI Report



What Happens After ACIP Submission?

Associated City	Year	Title	Airport Priority	FAA Priority	AERO Rank	Estimate Cost	Sponsor Participation	NPE Balance	NPE	APP	DIS/MAP	State
Airport 2	2019	Partial Parallel Taxiway - DESIGN	1	57	1	\$150,000	\$7,500.00	\$265,000.00	\$135,000.00			\$7,500.00
Airport 2	2019	Obstruction Survey (UAS)	5	42	1	\$15,000	\$750.00	\$251,500.00	\$13,500.00			\$750.00
Airport 2	2019	Apron Rehabilitation	2	58	3	\$150,000	\$7,500.00	\$116,500.00	\$135,000.00			\$7,500.00
Airport 2	2020	Remove hangars in OFA	6	90	1	\$150,000	\$7,500.00	\$131,500.00	\$135,000.00			\$7,500.00
Airport 2	2020	RPZ Acquisition - R/W 02	8	42	1	\$200,000	\$10,000.00	\$63,463.74	\$68,036.26			\$122,000.00
Airport 2	2020	Partial Parallel Taxiway - CONSTRUCTION	3	64	4	\$1,600,000	\$80,000.00	\$0.74	\$63,463.00	\$1,376,537.00		\$80,000.00
Airport 2	2021	Terminal roof maintenance	4	32	4	\$50,000	\$2,500.00	\$150,000.74	\$0.00			\$47,500.00
Airport 2	2021	ALP Update	7	42	5	\$150,000	\$7,500.00	\$15,000.74	\$135,000.00			\$7,500.00

Notification Letter will be sent to the airports notifying what projects will be funded for the upcoming Fiscal Year.

Secure local funding

Review TAC, PSR, and funding request deadlines – Submit project requests

TDOT Aeronautics reviews and evaluates your updated needs.

In order to have a grant¹ start date in...

The TAC² meeting would occur on³...

Aeronautics review completed by...⁴

The request shall be submitted no later than⁵...

March

2/28/2019

2/8/2019

1/18/2019

May

4/25/2019

4/5/2019

3/15/2019

July

6/27/2019

6/7/2019

5/17/2019

September

8/22/2019

8/9/2019

7/19/2019

November

10/24/2019

10/11/2019

9/20/2019

In order to have an executed grant ¹ in...	Aeronautics Review completed by.. ⁴	The request deadline would be ⁵ ...
February	1/18/2019	12/28/2018
March	2/8/2019	1/18/2019
April	3/8/2019	2/15/2019
May	4/5/2019	3/15/2019
June	5/10/2019	4/19/2019
July	6/7/2019	5/17/2019
August	7/12/2019	6/21/2019
September	8/9/2019	7/19/2019
October	9/6/2019	8/16/2019
November	10/11/2019	9/20/2019
December	11/8/2019	10/18/2019

Federal Funding - NPE

- Non-Primary Airport Entitlement (NPE)
- Up to \$150,000/year for classified NPIAS airports
- Four year period of performance. Must be spent in the four years, not just obligated.
- Maximum an airport can have in balance is \$600,000
- Airports need to average spending \$150,000/year of NPE to avoid NPE expiring.

Federal Funding - NPE

- NPE awarded in September 2016 expires in September 2020.
- If FAA holds an airports NPE, the period of performance does not begin.

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
2016	\$150,000	Expires					
2017		\$150,000	Expires				
2018			\$150,000	Expires			
2019				\$150,000	Expires		
Total	\$150,000	\$300,000	\$450,000	\$600,000			

Federal Funding - Apportionment

- State Apportionment
 - Cannot be used for revenue producing projects or Terminal buildings.
 - Using for priority projects.
- Discretionary Grants
 - Must be ready to construct

Converting Proposed Project From ACIP in BlackCat

The screenshot shows the BlackCat Grant Management System interface. At the top right, the user is logged in as Adam Guy, with links for My Account, Logout, and Help. The top navigation bar includes Dashboard, ACIP, Projects, Organizations, Resources, Reports, Agendas, and Grants. The ACIP menu item is circled in red and labeled with a red '1'. Below the navigation bar, the page title is 'Dashboard > ACIP'. The main content area is titled 'CIP Listing' and includes a 'Filter Options' section with dropdown menus for Type (set to Assoc), Start Year, and End Year (set to All), and a Filter button. Below the filter options is a 'CIP Listing' section with an 'Add New' button and 'Submit' and 'Print' buttons. The listing is a table with columns: UPIN, Airport ID, Associated City, Title, Estimate Cost, Year, Airport Priority, FAA Priority, State Priority, AIP Eligible, Locked, Action, and Convert. The 'Convert' button in the first row is circled in red and labeled with a red '2'. A red box highlights the 'Convert' button and the text 'BlackCat Grants Airport Sponsor User's Guide' is overlaid on the table.

BlackCat
GRANT MANAGEMENT SYSTEM

Adam Guy - My Account | Logout | Help

System Version 4.1.0.0

Dashboard ACIP Projects Organizations Resources Reports Agendas Grants

Dashboard > ACIP

CIP Listing

Filter Options

Filters Type Assoc Start Year End Year All Filter

CIP Listing

Add New Submit Print

UPIN	Airport ID	Associated City	Title	Estimate Cost	Year	Airport Priority	FAA Priority	State Priority	AIP Eligible	Locked	Action	Convert
BCG0000612	UOS	Sewanee	Obstruction removal		2019	3	46	64	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Delete	Convert
BCG0003051	UOS	Sewanee	Obstruction Survey		2019	2	57	50	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Delete	Convert
BCG0001635	UOS	Sewanee	Pilot Controlled Lighting System		2019	1	18	61	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Delete	Convert
BCG0000618	UOS	Sewanee	Security cameras		2019	1	1	51	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Delete	Convert
BCG0003052	UOS	Sewanee	Approach Development		2021	4	62	42	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Delete	Convert
BCG0002723	UOS	Sewanee	Instrument Landing System		2021	5	38	40	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Delete	Convert
BCG0003047	UOS	Sewanee	Runway preventative maintenance		2021	6	68	40	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Delete	Convert
BCG0000616	UOS	Sewanee	Ground Maintenance Equipment		2022	7	38	16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Delete	Convert
BCG0001726	UOS	Sewanee	AWOS-AV		2024	8	44	58	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Delete	Convert
BCG0000615	UOS	Sewanee	Hangar renovations		2024	9	31	21	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Delete	Convert
BCG0000613	UOS	Sewanee	Full parrallel taxiway		2025	11	49	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Delete	Convert
BCG0000611	UOS	Sewanee	T-hangars		2025	10	0	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Delete	Convert
BCG0000609	UOS	Sewanee	Runway overlay & rehab		2026	12	68	56	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Delete	Convert

Editing Proposed Project Information

BlackCat
GRANT MANAGEMENT SYSTEM

Adam Guy - [My Account](#) | [Logout](#) | [Help](#)

System Version 4.1.0.0

Dashboard ACIP **Projects** Organizations Resources Reports Agendas Grants

Dashboard > Projects

Project Listing

Filter Options

Filter By: Type: Associated City: Status:

Associated City: Smithville Status: Open

Filter Reset

Project Listing

Add New PM Assignments

UPIN	TAD#	Project Name	Airport	City	Request Year(s)	Allocated Year(s)	Request Amount	Allocated Amount	Status	Locked	Fav
BCG0000198	21555072504	Grounds Maintenance Equipment	0A3	Smithville	2013	2013			Open	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BCG0000199	21555012604	New Fuel Farm	0A3	Smithville	2013-2015	2013-2015			Open	<input type="checkbox"/>	<input type="checkbox"/>
BCG0001656	21555073004	Airport Lighting Rehab. Phase 2	0A3	Smithville	2014-2015	2014-2015			Open	<input type="checkbox"/>	<input type="checkbox"/>
BCG0001660	21555072904	Clearing Obstructions	0A3	Smithville	2014-2018	2014			Open	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BCG0001319	21555013317	ROFA Land Acquisitions	0A3	Smithville	2017	2015-2017			Open	<input type="checkbox"/>	<input type="checkbox"/>
BCG0002792	21555043418	FY18 Airport Maintenance	0A3	Smithville	2018	2018			Open	<input type="checkbox"/>	<input type="checkbox"/>
BCG0003079		Obstruction Clearing	0A3	Smithville	2018				Open	<input type="checkbox"/>	<input type="checkbox"/>
BCG0003085		Drainage Improvements	0A3	Smithville	2018				Open	<input type="checkbox"/>	<input type="checkbox"/>

Editing Proposed Project Information



Comments



The intention of this project is to clear trees in the federal (34':1') and state (20':1') approaches, Runway 06 & 24. The 2017 State Airfield Inspection at the Smithville Municipal Airport recommends the trees be mitigated, section II, item #3. In addition, the survey data from the approved ALP displays the trees/clusters of trees that encroach into the federal/state approach surfaces. With this, there are proposed lifetime avigational easements that will be requested.

Please reference (if applicable):

- ACIP
- FAA Order 5100.39
- Appendices 5 & 6
- AIP Handbook
- FAA Order 5100.38D
- ALP or Master Plan
- IFRs
- PCI value & Pavement
- Section ID #
- State Report
- State and/or FAA Inspection
- Other relevant technical guidance
- Environmental Findings
- RSA Determination
- Obstruction Survey
- Runway Justification Study
- Wildlife Management Study
- Noise Study

in the state and federal approach surfaces.

Estimated Cost:

Airport Priority:

FAA Project Type:

FAA Project Category:

FAA Project Subcategory:

FAA National Priority:

State Project Category:

State Project Subcategory:

State Priority:

AIP Eligible:

Comments:

Sketches: No file chosen

Save Cancel

Project Funding Request

The screenshot displays the BlackCat Grant Management System interface. At the top left is the logo for BlackCat GRANT MANAGEMENT SYSTEM. At the top right, it shows the user 'Adam Guy' with links for 'My Account', 'Logout', and 'Help', and the system version '4.1.0.0'. A navigation bar contains tabs for 'Dashboard', 'ACIP', 'Projects', 'Organizations', 'Resources', 'Reports', 'Agendas', and 'Grants'. Below this, a breadcrumb trail reads 'Dashboard > Projects > Project Details'. On the left side, a vertical menu lists 'Project Overview', 'Project Details', 'Funding Request', 'Documents', and 'Payments'. The 'Funding Request' item is highlighted with a red arrow. The main content area is titled 'Funding Requests' and contains a 'Project Information' section for 'Smithville Municipal Airport : Obstruction Clearing'. This section lists 'UPIN: BCG0003079', 'DOT #:', 'Project Manager: Adam Guy', and 'Status: Open'. It also includes creation and modification timestamps: 'Created by Joe Johnson on 12/27/2017 3:54 PM' and 'Last Modified by Adam Guy on 4/11/2018 6:52 PM'. A 'Select' button is located below this information. Below the project information is another 'Funding Requests' section with an 'Add New' button circled in red and pointed to by a red arrow. To the right of this section are links for 'Expand All' and 'Collapse All'.

Project Funding Request

Details Funding

Request Details

Title

Request Type ← Original or Amendment

Explanation of Need

Comments

Estimated Completion Date ←

Funding Request Letter File Name : [Download](#) No file chosen

Engineers Estimate File Name : [Download](#) No file chosen

←

When do we expect the grant to be closed? (Typically 3 months after work is complete is complete)

With schedule and project sketch (if applicable)

Project Funding Request

The screenshot shows a web form titled "Project Funding Request" with two tabs: "Details" and "Funding". The "Funding" tab is selected and circled in red. Below the tabs is a section titled "Funding Details" containing the following fields:

- Fiscal Year:** 2018 (dropdown menu)
- Type Of Funding:** Capital (dropdown menu)
- Federal:** 36,000 (text box) 90% (percentage)
- State:** 2,000 (text box) 5% (percentage)
- Local:** 2,000 (text box) 5% (percentage)
- Other:** 0 (text box) 0% (percentage)
- Matching Funds Available:** Yes (dropdown menu)
- Request to use NPE Funds?** Yes (radio button selected) No (radio button)

Annotations include:

- A red box around the "Funding" tab.
- A red box around the "Save" button at the bottom left, with a red arrow pointing to it from the left.
- A red box around the "Type Of Funding" dropdown, with a red arrow pointing to it from the right and the text "Capital or Planning" in a red box.
- A red box around the Federal, State, Local, and Other fields, with a red arrow pointing to it from the right and the text "Input dollar amounts into the text boxes, the percentages will auto populate" in a red box.

Project Funding Request

- Please do not forget to click **“Submit”**
 - After submittal, TDOT project manager gets an email alert



The screenshot shows a web form for a Project Funding Request. The form is titled "Reque" and contains the following information:

Title: Site Preparation	Requested: \$100,000	Program:
Fiscal Year:	Allocated: \$0	<input type="button" value="History"/> <input type="button" value="Print"/> <input type="button" value="Submit"/>
Status: Not Submitted	Encumbered: \$0	

[<< Return to Funding Requests](#)

At the bottom of the form, there are three tabs: "Details", "Funding", and "Comments". The "Submit" button is circled in red.

Project Funding Request

Request Summary

There was 1 revisions after request was submitted. [View Log](#)

Title: Obstruction Clearing
Fiscal Year: 2018
Status: Submitted

Requested: \$40,000
Allocated: \$0
Encumbered: \$0

Program:

[History](#)

[Print](#)

* The Funding Request Summary Letter is required to be uploaded before submitting the request.

[<< Return to Funding Requests](#)

Project supporting documentation

[Details](#)

[Funding](#)

[Review](#)

[Comments](#)

[TAC Documents](#)

Active Documents

Document Name

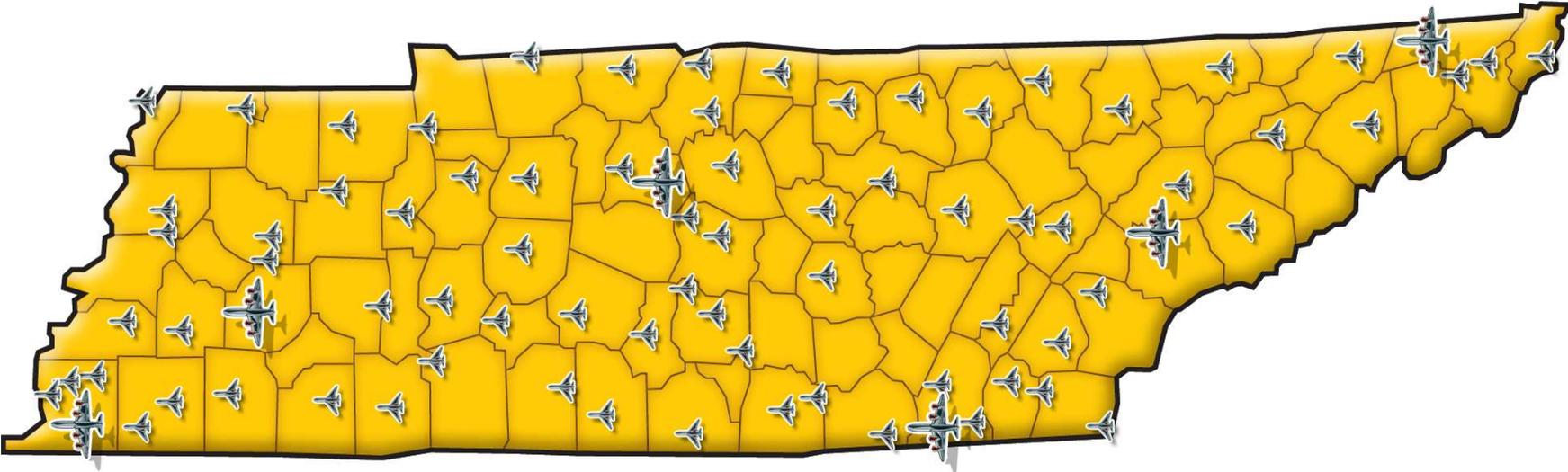
Select Document

[Choose File](#) No file chosen

[Save](#)

	<u>Document Name</u>	<u>Size</u>	<u>Created</u>
Edit X Download Share	Smithville Obstruction Clearing April TAC PPT	3.28 MB	4/11/2018

Questions





TM

Working Sessions

Timing

- Following ACIP Meetings ...
 - Your TDOT project manager will schedule a working session with your airport.
- End of September through the end of November.

ACIP Meetings

- Aug./Sept.



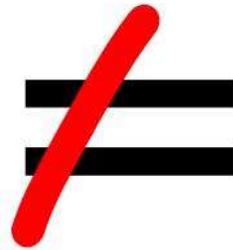
Working Sessions

- Sept./Oct./Nov.

Who is involved?



stakeholder



steakholder

Stakeholders



Airport Sponsor

- Director,
- Manager,
- County or City Official,
- Budget Manager, etc.

Airport Consultant Staff

- Planners,
- Engineers,
- Project Managers

TDOT Aeronautics Division

- Project Manager,
- Program Monitor, and
- Planner

Items to bring

- Lasts years ACIP
- Future projects in mind?
 - Cost estimate, priority, justification, description, sketch
- Approved ALP,
- Exhibit A,
- AGIS/Survey Dates,
- Studies,
- Inspection,
- 5010 Master Record,
- PCI Report, etc.
- Your NPE Balance

Deliverable & Deadline

- A needs-based 5 year plan, or ACIP, of potential:
 - planning projects,
 - land projects,
 - design projects,
 - construction projects, and
 - equipment purchases.
- All ACIP projects entered into BlackCat by **December 1st.**

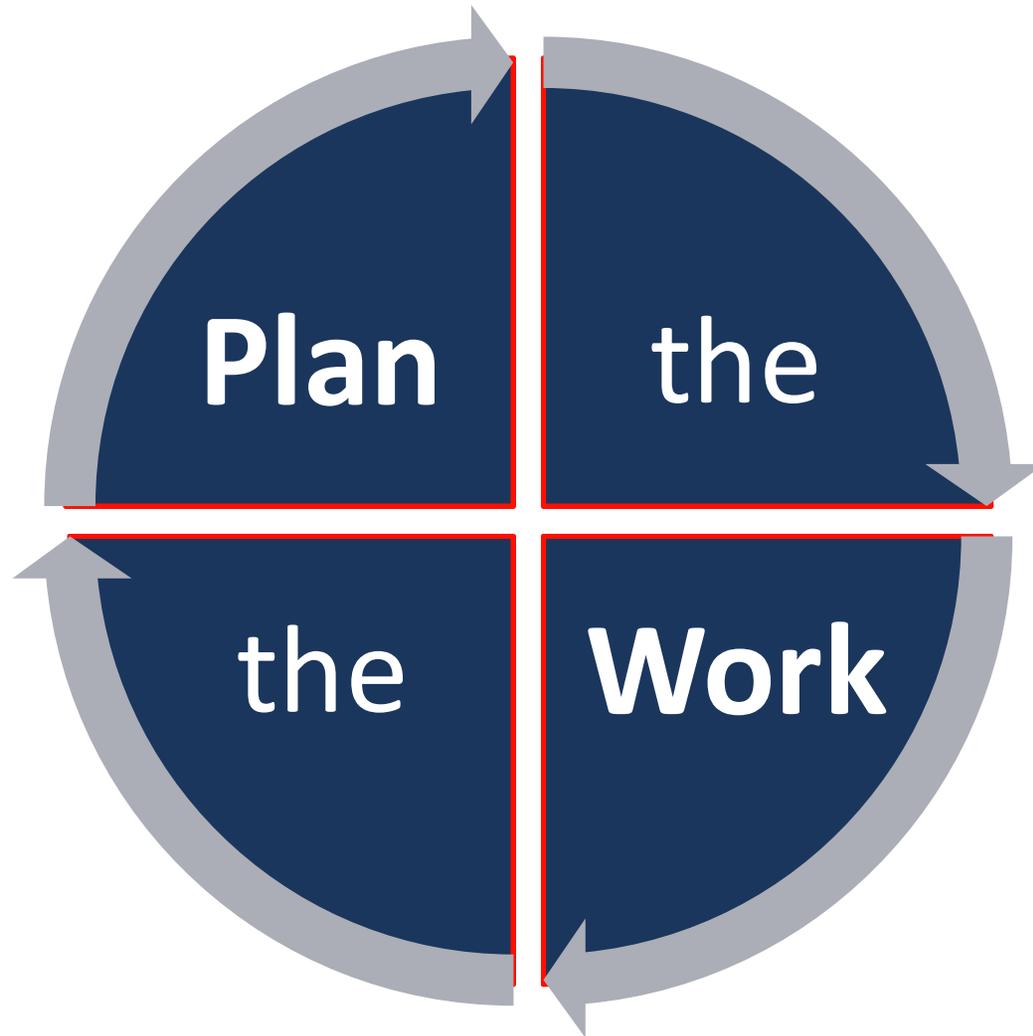
Takeaways – Working Sessions

- **TDOT** PM will schedule
- Who do I bring?
 - The appropriate stakeholders
- What do I bring?
 - Lasts years ACIP,
 - Supporting info for future projects,
 - Approved ALP,
 - Exhibit A,
 - AGIS/Survey Dates,
 - Studies,
 - Inspection,
 - 5010 Master Record,
 - PCI Report, etc.
 - Your NPE Balance

Takeaways – Working Sessions

- Receipt of **NPE depends upon** justified needs in **ACIP**.
- **Include all** relative development **phases/projects**.
- **Phase** large development **over multiple FY**.
- Your **5-year ACIP** should include **at least \$750K** in total projects. (5 x \$150K = \$750K).
- **Predictability**: Upcoming FY projects are announced early so **we all know what to expect** in advance.

Commitment



Any Questions?

