

DIVISION OF AERONAUTICS UPDATE

December 19th, 2013

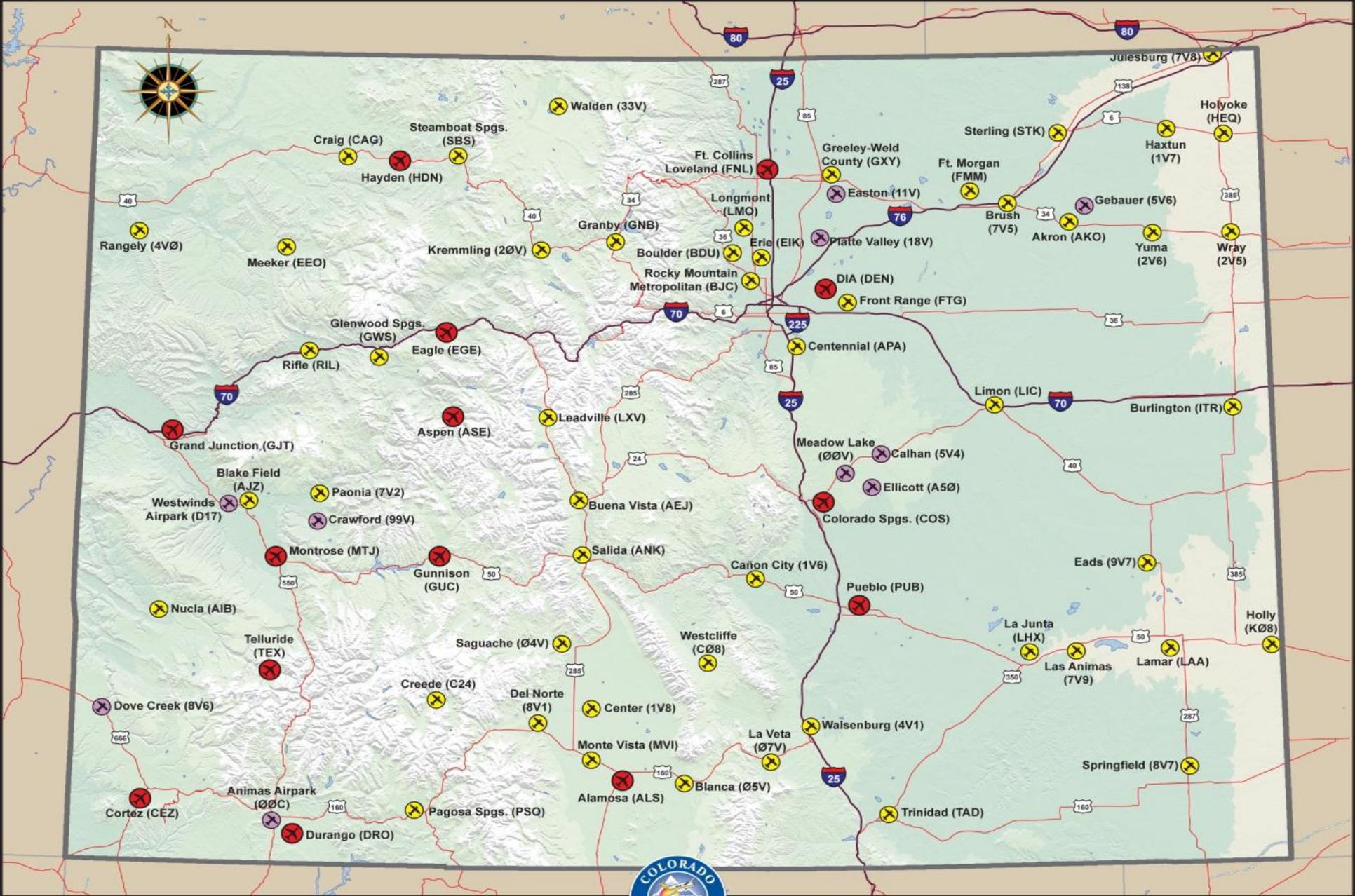




MISSION STATEMENT

The Division of Aeronautics will collaborate with its public and private constituents to develop an effective air transportation system and to enhance aviation safety and education through the efficient, innovative and non-regulatory administration of the Colorado Aviation Fund under the direction of the Colorado Aeronautical Board.





COLORADO AIRPORT SYSTEM

14
51
10

- ⊗ Commercial Service Airport
- ⊗ General Aviation Airport
- ⊗ Privately-Owned Airport Open to the public

COLORADO DISCRETIONARY AVIATION GRANTS (CDAG)

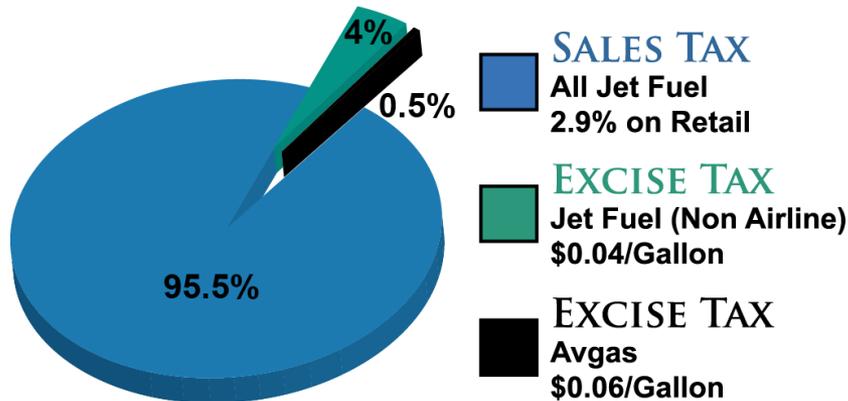
Legislation created in 1991 allowed Colorado to channel aviation fuel taxes to “aviation purposes”, thus introducing the Colorado Discretionary Grant Program. The Aeronautics Division reimburses 65% of all collected aviation fuel taxes back to airports. The remaining 35% of tax revenues, less *2.5% administration are dispersed back to airports in the form of discretionary grants. These grants serve the maintenance, development, safety, and equipment needs for Colorado’s 75 public-use airports.

**The Division currently utilizes roughly half of its statutory administration limit of 5%.*

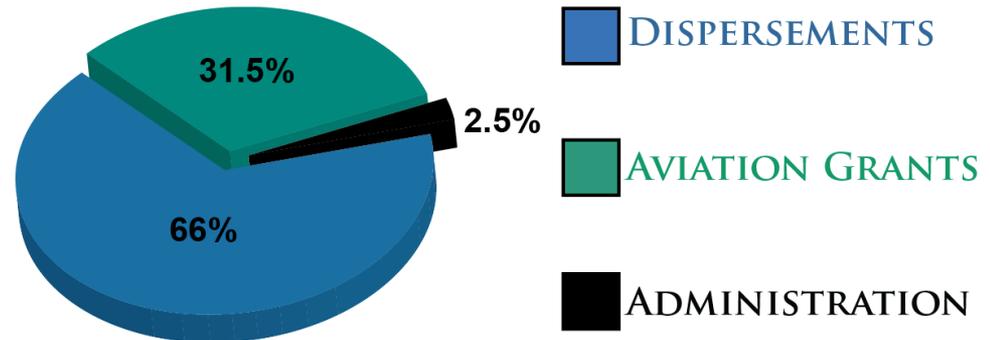
Self-sufficient funding source, does not rely on the General Fund.

HOW IT WORKS...

AVIATION TAX
REVENUE STRUCTURE



AVIATION TAX
EXPENDITURES



100%

OF EVERY AVIATION FUEL TAX DOLLAR COLLECTED
IS RETURNED TO THE AVIATION SYSTEM.

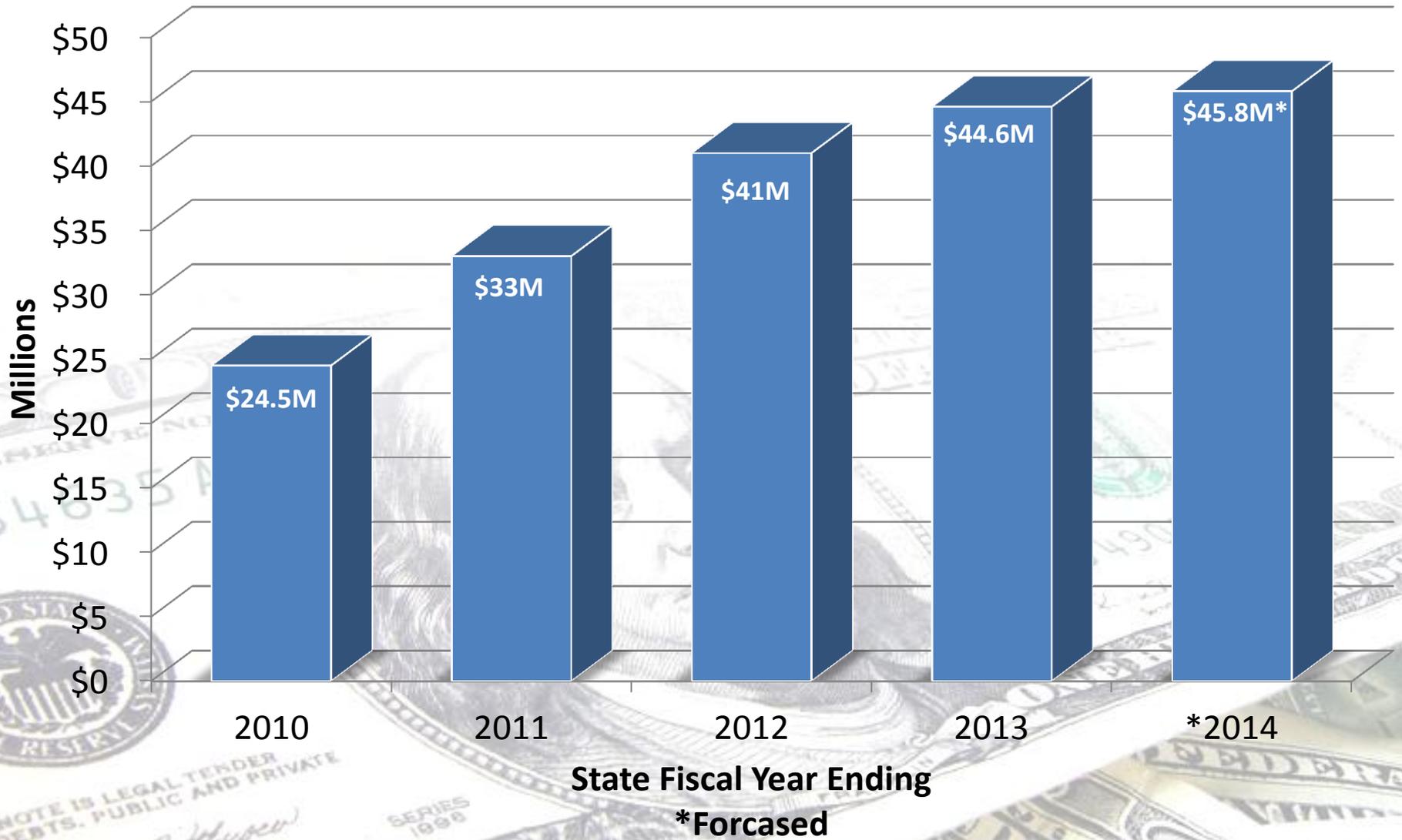
Division of Aeronautics Project History Totals

1992-2014

- The Colorado Aviation Fund has leveraged over **\$856 Million** in federal funds.
- A total of **\$1.1 Billion** has been invested into the Colorado Aviation System.
- 20 year outlook: **40% funding shortfall** (federal/state/local v.s. need)

Number of Projects	State Funds	Local Funds	Federal Funds	TOTAL
1279	\$141.1 Million	\$92.9 Million	\$856.2 Million	\$1.1 Billion

Aviation Fuel Tax Collections

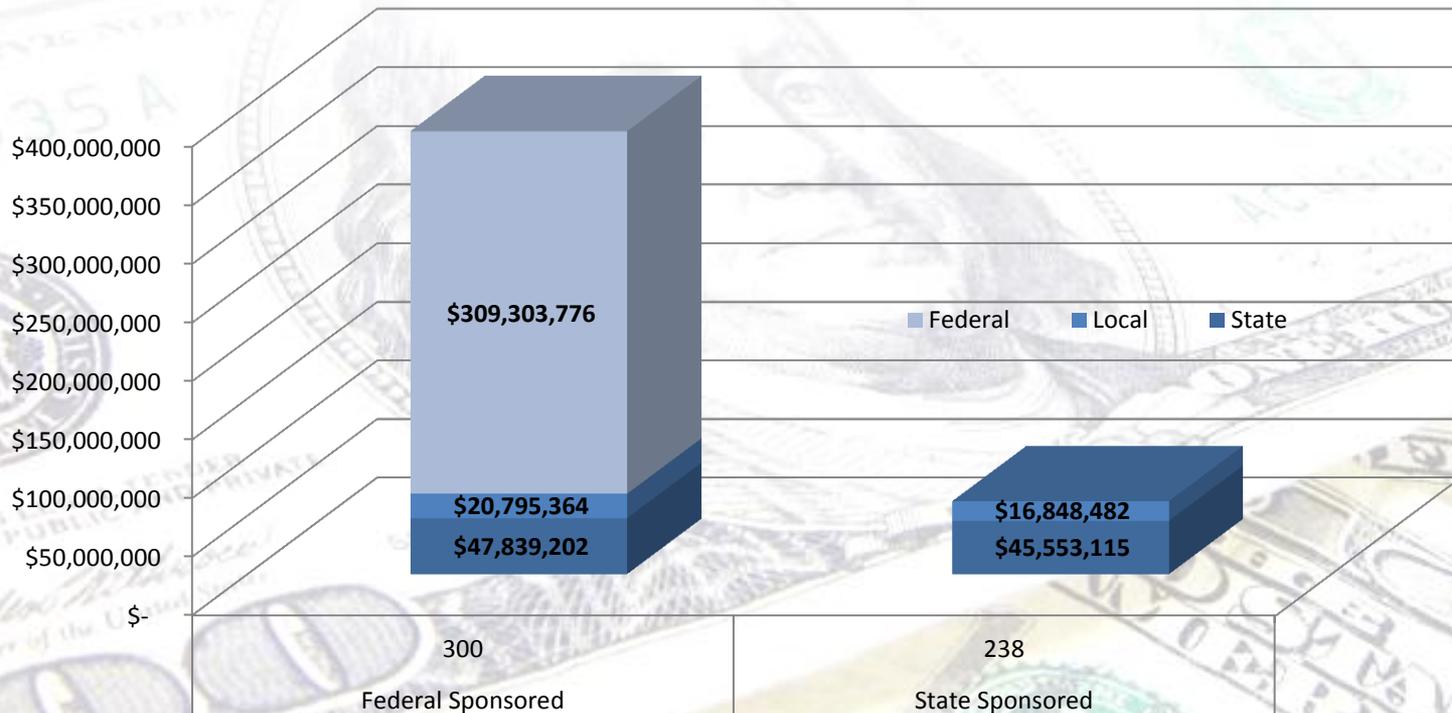


Division of Aeronautics Project History

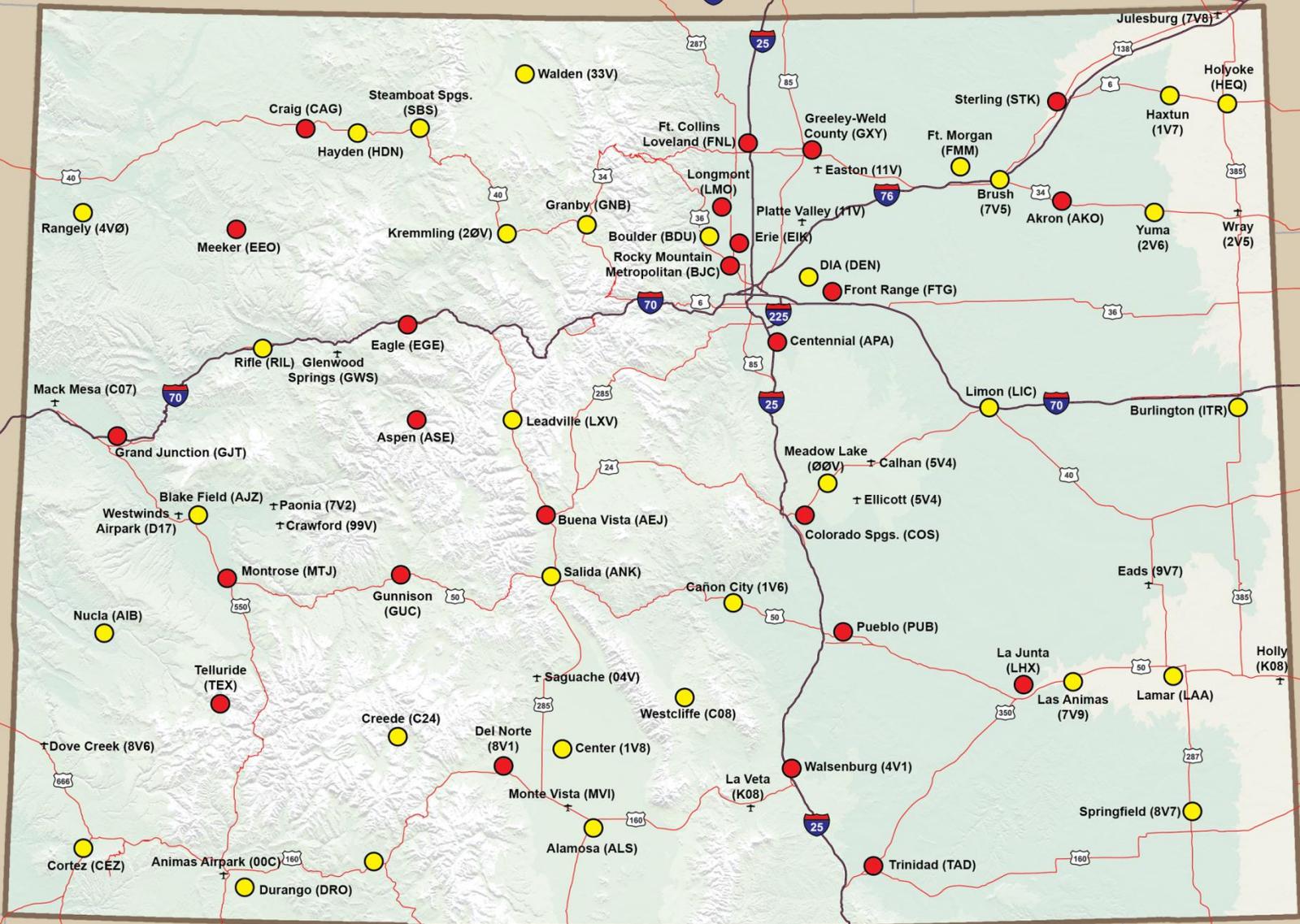
2010-2014

Number of Projects	Project Type	State Funds	Local Funds	Federal Funds	TOTAL
300	Federal Match	\$47,839,202	\$20,795,364	\$309,303,776	\$377,938,343
238	State & Local ONLY	\$45,553,115	\$16,848,482	--	\$62,401,597
538		\$93,392,317	\$37,643,846	\$309,303,776	\$440,339,940

Aviation Improvement Projects 2010-2014



2013 CDAG Awards



● Tier 1 Grant (Up to \$400,000)

● Tier 2 Grant (\$400,000-\$2 Million)

AWARD TOTAL: \$23,772,014



NBAA

ANNUAL MEETING AND CONVENTION

•12 Colorado participants within the Colorado Pavilion:

- Metropolitan State University
- Greeley-Weld County
- Garfield County Regional
- Colorado Springs Municipal
- Durango-La Plata County
- Front Range
- Centennial
- Rocky Mountain Metro
- Gunnison-Crested Butte Regional
- Montrose Regional
- Fort Collins
- Colorado Plains Regional

•Largest State Display

•Over 1,000 Exhibitors

•Markets to State tourism, business development and business aviation

•Over 25,000 business aviation professions in attendance





2013 AIRVENTURE[®] OSH KOSH EAA[®]

- World's Largest Gathering of Aviation Enthusiasts
- 500,000 people in attendance from 71 nations
- Promoting tourism and aviation safety in Colorado to general aviation pilots
- Broadening partnerships with NASAO, the FAA and other state aviation agencies



INNOVATIVE SPECIAL PROJECTS

- UAS/Aerospace Involvement
- Economic Impact Update
- Colorado Surveillance Project
- Sustainability Study
- Automated Weather Observing System (AWOS)
- Web Based Information Management of Grants (WIMS)



Unmanned Aircraft Systems in Colorado



- Congressional directive to FAA for integration of Unmanned Aircraft Systems (UAS) into the National Airspace System (NAS) by 2015.
- Leadership roll being assumed by the Division of Aeronautics and the Colorado Aeronautical Board (CAB).





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ECONOMIC IMPACT STUDY
FOR
COLORADO AIRPORTS



Jobs



Jobs supported by the operation and development of airports, by off-airport air visitor spending, and by off-airport companies that rely on air cargo services to ship their goods.

265,700

Payroll



Annual payroll associated with aviation supported jobs.

\$12.6 billion

Output



Output or total annual economic activity which is comparable to the spending required to purchase goods and services to support operations for all activities considered in this study.

\$36.7 billion



Comparison of Total Economic Output

Statewide



Denver International Airport



Other Commercial Service Airports



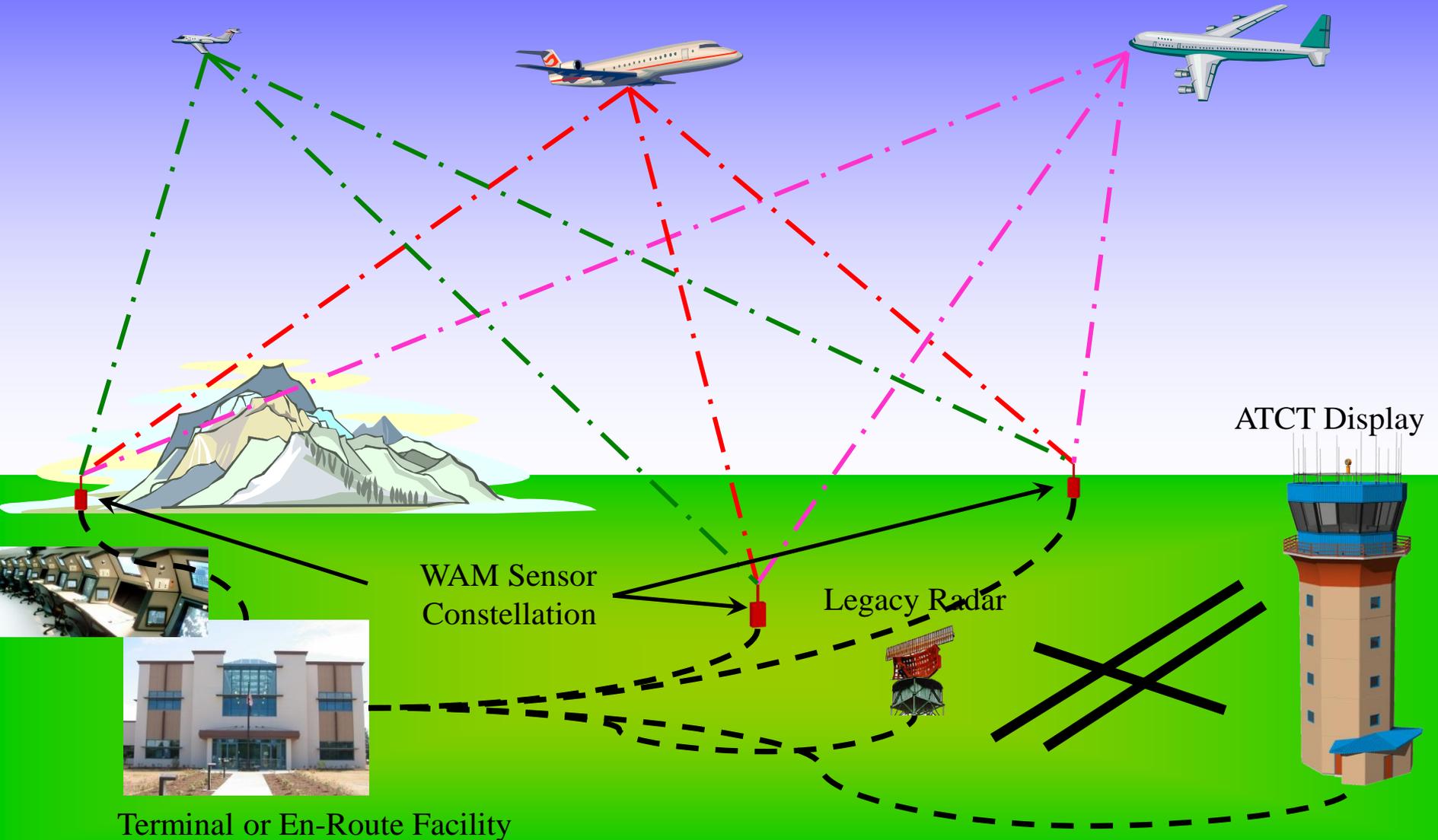
General Aviation Airports





COLORADO MOUNTAIN
RADAR
PROJECT

Wide Area Multilateration (WAM) Primary Surveillance & Backup to ADS-B Terrestrial Based Surveillance



Sustainability Plan for Colorado General Aviation Airports

COLORADO DEPARTMENT OF TRANSPORTATION DIVISION OF AERONAUTICS



What is this project all about?

- FAA is funding several pilot projects for airport sustainability.
 - Currently operating under interim guidance published in 2010
 - Publishing lessons learned from the finished and ongoing projects
 - Sustainability Plan for the General Aviation Airports in Colorado is part of the next set of projects funded by the FAA
- Goal is to make a plan **APPLICABLE** and **USEFUL** to all sizes of GA Airports
 - And Colorado does have a good range...
- Sustainability involves compatibility with the environment, social issues and economic viability.

Summary of Project Goals

- Get education and buy-in by the airports
 - Better buy in and involvement means better end results
- Direct benefit to airports
 - Scalable and flexible
 - Colorado airports and nationally
- Easy to use
 - Strategic project rollout
 - Education
 - Interactive community



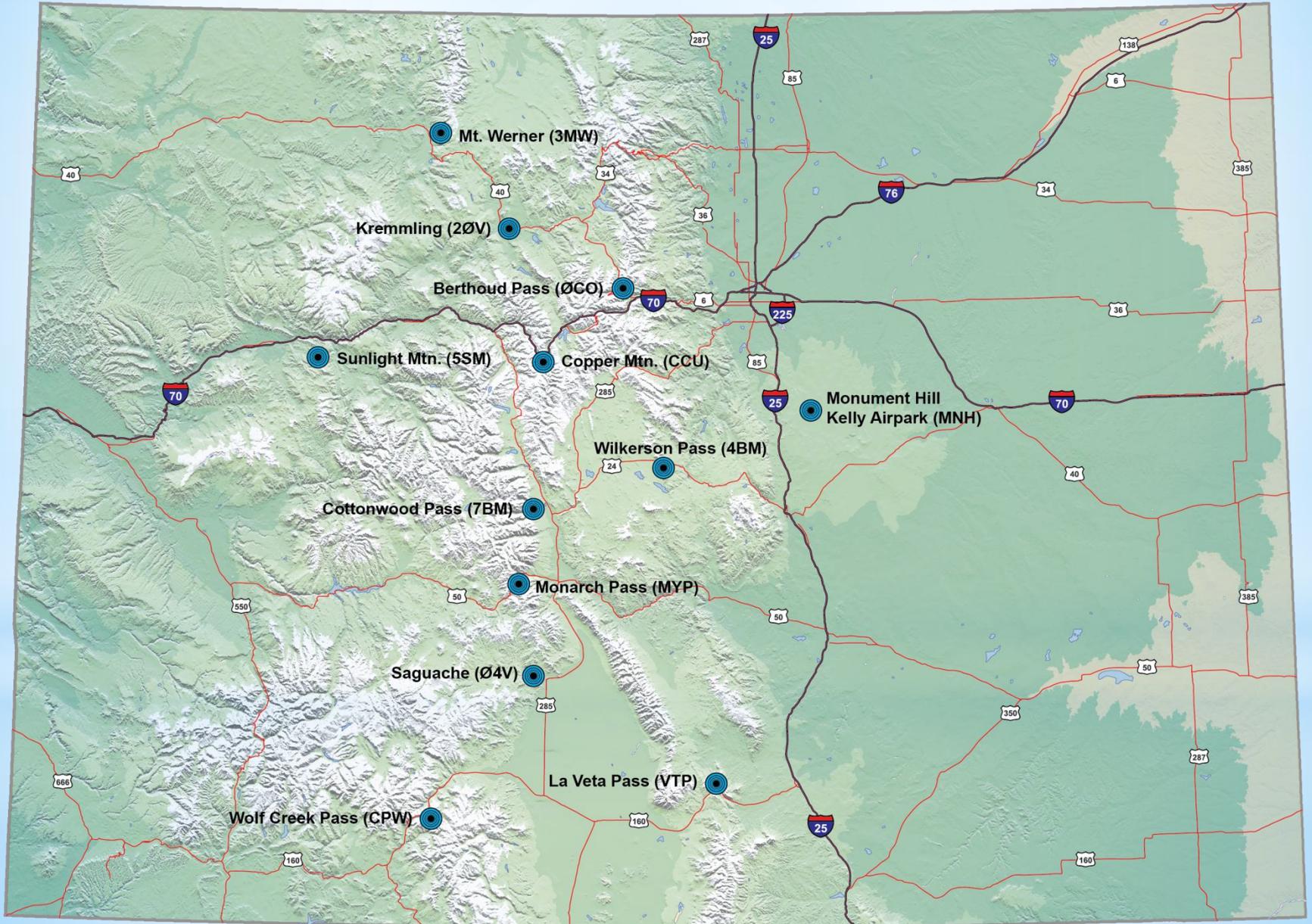
Copper Mountain AWOS



Berthoud Pass AWOS



Colorado Mountain AWOS Locations





wims

Web-Based Information Management System





- The Division received The 2013 Most Innovative State Project Award from NASAO for the WIMS Project.





- The Division has developed an enterprise solution to manage our aviation program.
- Improves efficiency and effectiveness to our airport customers.
- New processes are better connected, saving time while creating a solid historical record of airport and system planning data.
- Current efforts include interfacing WIMS and SAP and to improve Cash Management.

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