

Destination: DRO



Master Plan

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September 9, 2014



Master Plan Overview

Purpose of this Airport Master Plan

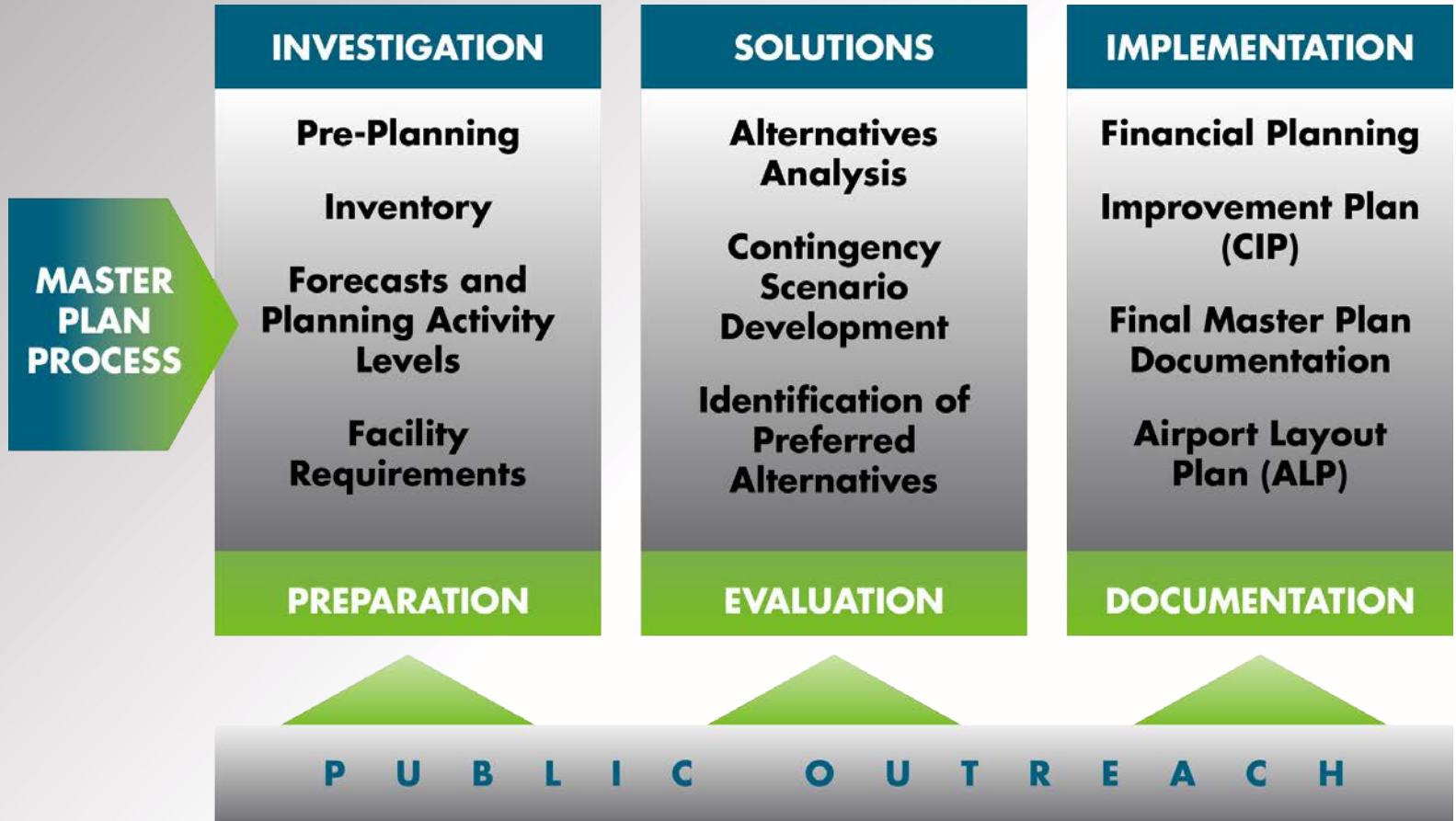
The purpose of this study is to prepare for Durango-La Plata County Airport (DRO) a Master Plan and Airport Layout Plan (ALP) drawing set that determines the extent, type, and schedule of development needed to accommodate future aviation demand at the airport over a 20 year planning period with the ability to feasibly meet demand beyond the planning horizon.

Durango and La Plata County decide when and if projects are implemented.

Objectives of a Master Plan

- Understanding of current and future needs of the airport
- Direction for the community and a path for development that fits community desires
- Long range outlook of aviation activity for 20-year timeframe and beyond
- Guidance for future facility improvements and orderly development
- Guidance for sustainability opportunities
- Development of funding strategies with the FAA and State to fund high priority needs
- A new Airport Layout Plan set for FAA approval
- Community awareness and understanding of long range airport needs

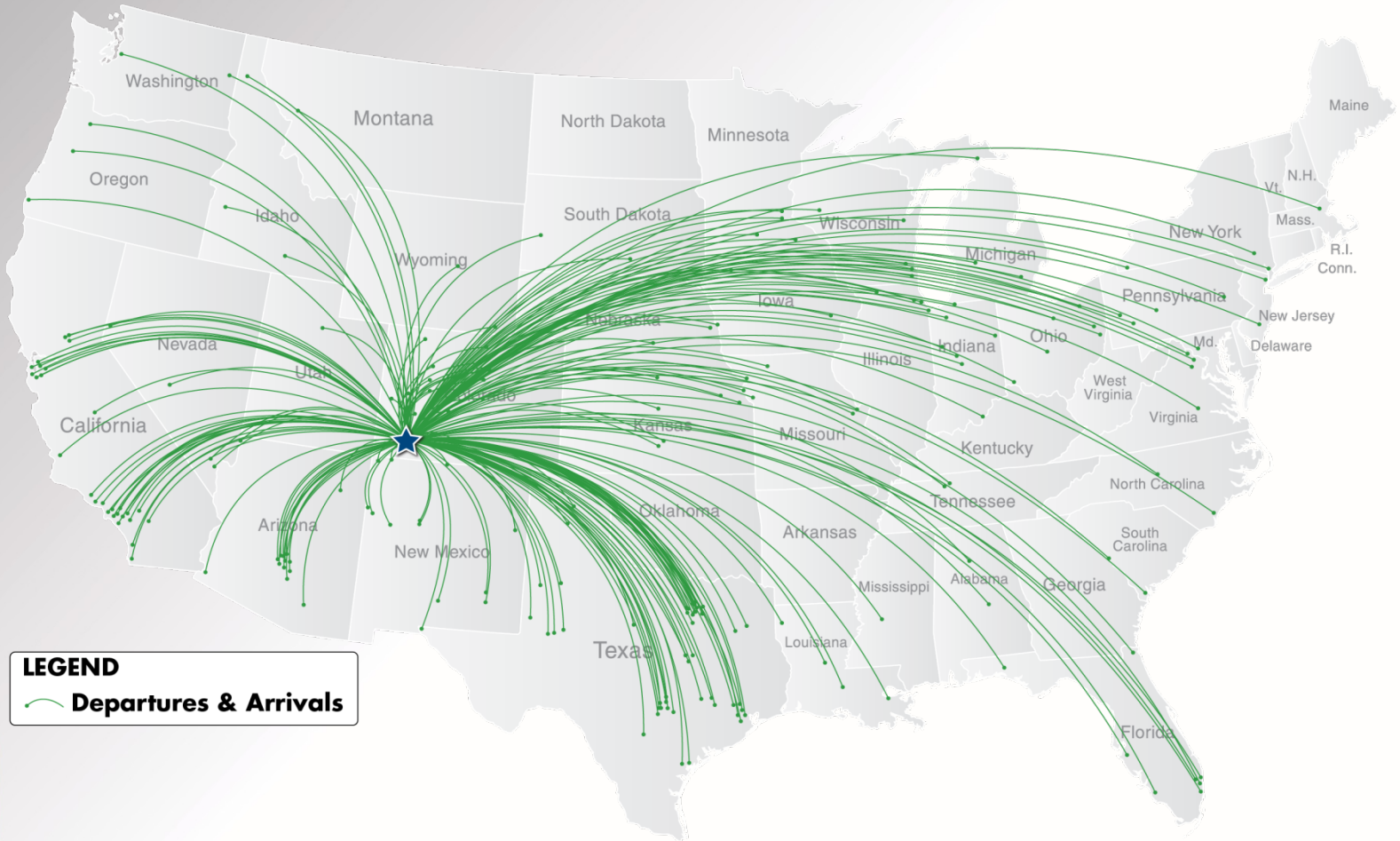
Master Plan Process



DRO Flight Map

IFR Flight Map

September 4, 2012 - September 4, 2013



Airport Website: www.flydurango.com

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1000 Airport Rd
Durango, CO 81303
(970) 382-6050
Fly Durango

Welcome

Welcome to **Destination: DRO!** This is the official Durango-La Plata County project information web portal. The airport is updating its Airport Master Plan to meet projected aeronautical demand for the next 20 years and the airport to serve as the preferred gateway and economic catalyst for the region.

The master plan process is a collaborative effort involving the Durango Commission and staff, City of Durango, La Plata County, CDOT, Denver International Airport, other state and federal government organizations, and the community at large. This planning effort is necessary to ensure the airport meets the vision and aeronautical needs of the entire region.

This website has been prepared as just one element of an extensive program to inform the public and the community about the future of the Durango-La Plata County airport. We welcome your comments on the [Comments](#) page.

We look forward to an engaging dialog with you throughout the process.

INVESTIGATION
Pre-Planning
Inventory
Forecasts and
Planning Activity
Levels
Facility
Requirements

PREPARATION

PUBLIC

Overview of the Destination: DRO Master Plan

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Meetings

The **Destination: DRO** public outreach program will feature an array of meetings and opportunities to engage with the airport. Listed below are the meetings, agendas, presentations, and minutes for past meetings, as well as a listing of future meetings. Please check back often for new material as it is posted.

Past Meetings

Planning Advisory Committee (PAC) Master Plan Kick-off, May 16, 2014:

- [Presentation](#)
- [Meeting Minutes](#)

Joint Study Session, June 10, 2014:

- [Presentation](#)

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Go Where Your Bag Goes

Airport Tours

Take a behind-the-scenes look at Durango-La Plata County Airport! These tours will give you an inside look into the complex and fast-paced operations of our airport. See where your bags go, take a look at our state-of-the-art emergency response equipment, and get a glimpse of what it takes to move all that snow off our 10,000 foot runway! Tours are free to the public. Space is limited, so please call to reserve a slot.

Dates and times will be posted soon!

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Date

June - July 2014	Engagement surveys to occur on July 17 or July 18
June 2014 - March 2015	
July 17, 2014	
July 17, 2014	
July 18, 2014	
August 20, 2014	
September 9, 2014	
September 9, 2014	
September 18, 2014	
September 18, 2014	
October 9 or 18, 2014	
October 15, 2014	
October 10, 2014	
November 20, 2014	
November 18, 2014	
November 19, 2015	
November 20, 2015	

Postcard, Surveys, PAC



- ✓ 1st City Council/County Commissioners briefing complete
- ✓ Airport tours for PAC complete
- ✓ Outbound passenger surveys complete
- ✓ Tenants & users surveys being distributed
- ✓ Focus groups to follow
- ✓ Video production to begin

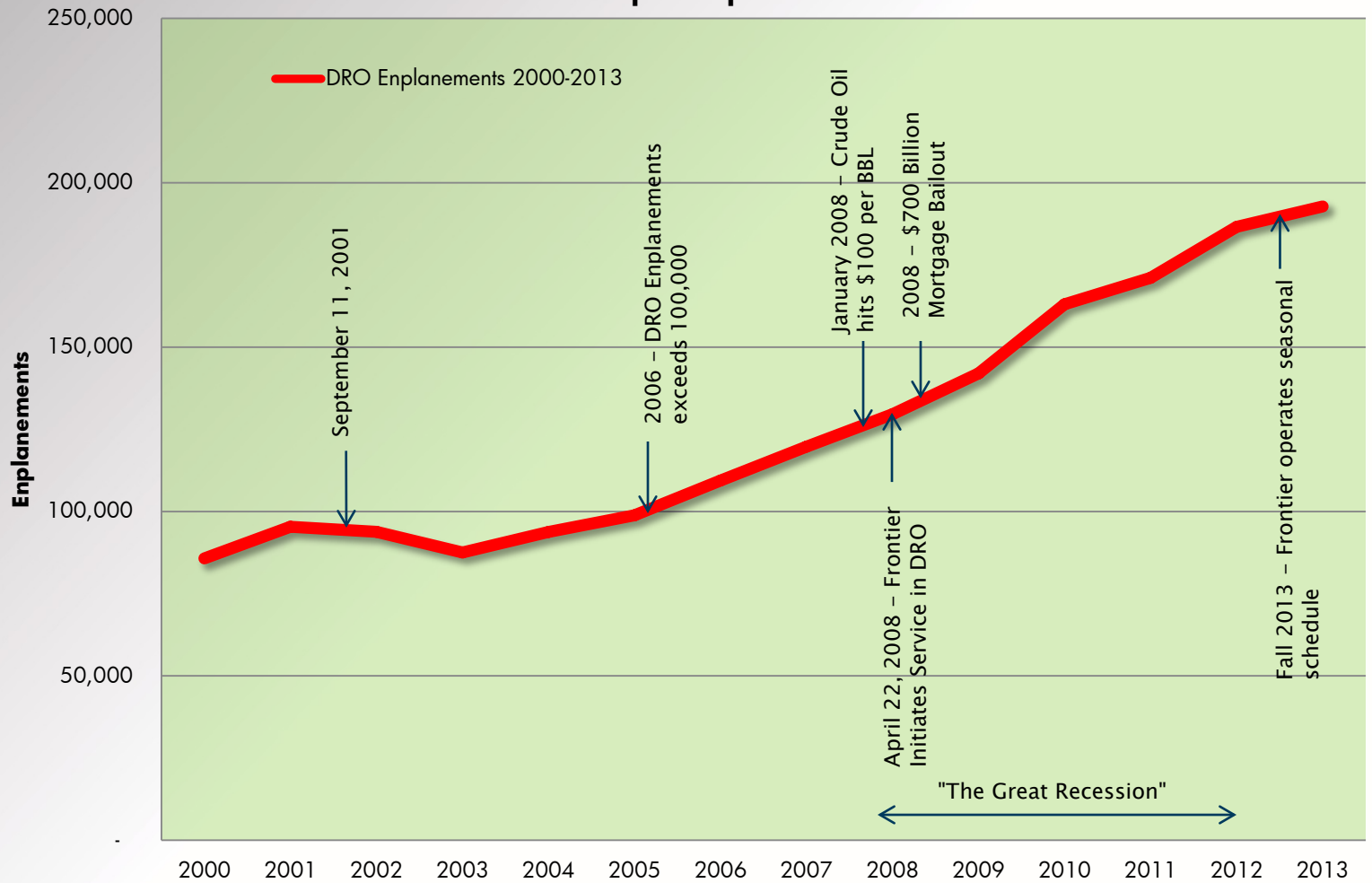
Forecasting Sources and Methods

- FAA Terminal Area Forecast (TAF) – 2014
- FAA Form 5010–1, Airport Master Record
- Woods & Poole Economics
- FAA Aerospace Forecasts, FY 2014–2034
- CDOT Aeronautics’ State Aviation System Plan
- FAA Advisory Circular 150/5070–6B, Airport Master Plans
- Forecasting Aviation Activity by Airport, GRA, Inc.

- *Requires FAA approval*

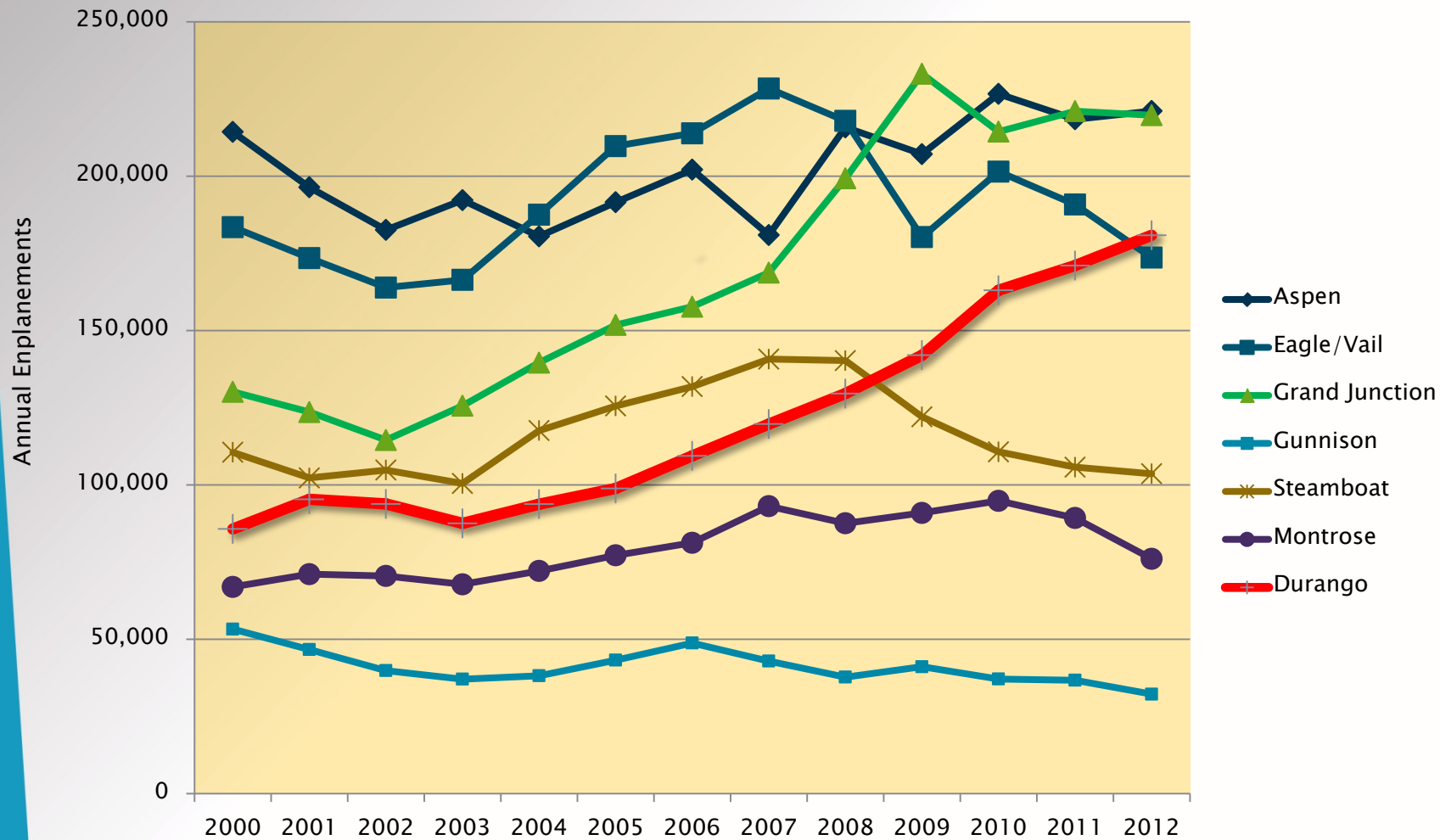
Strong Enplanement Growth

DRO Historic Airport Enplanement Growth



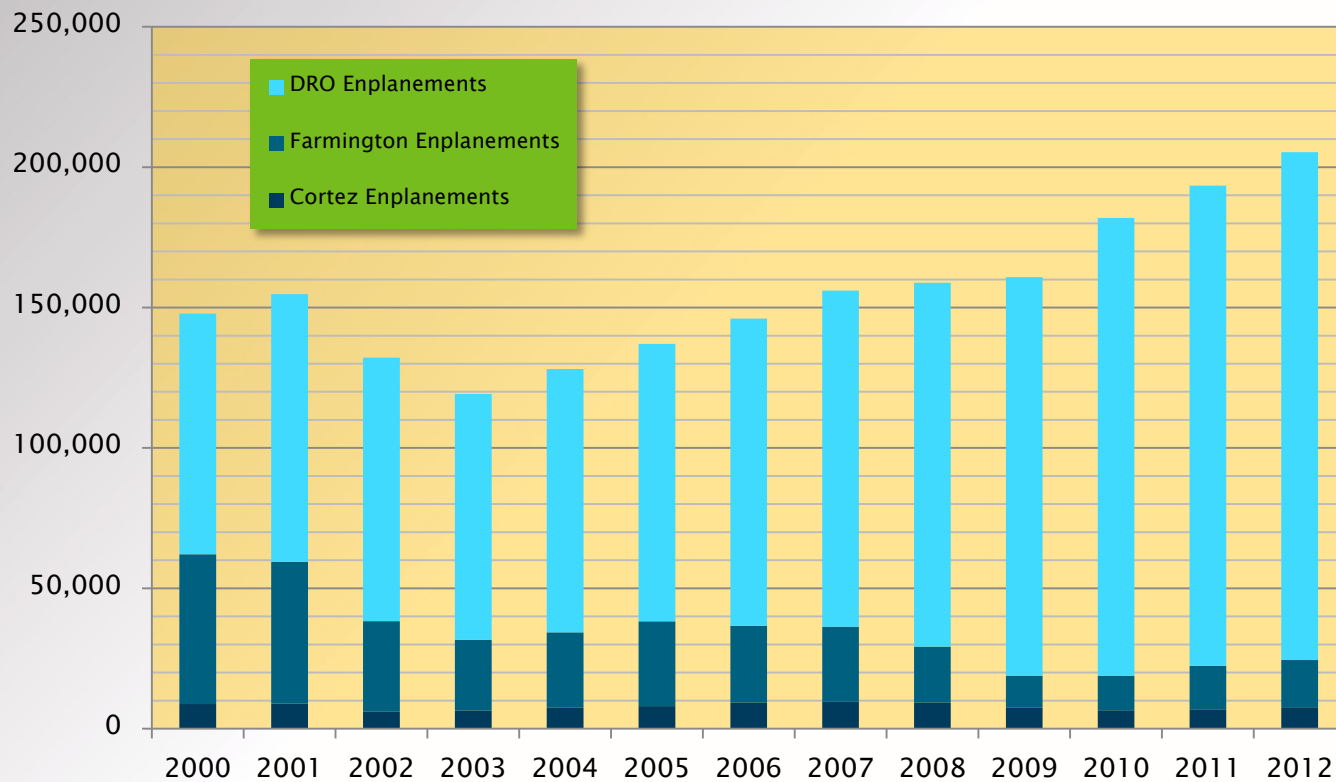
Colorado Western Slope Enplanements

Fiscal Years 2000 - 2012



Four Corners Region Enplanements

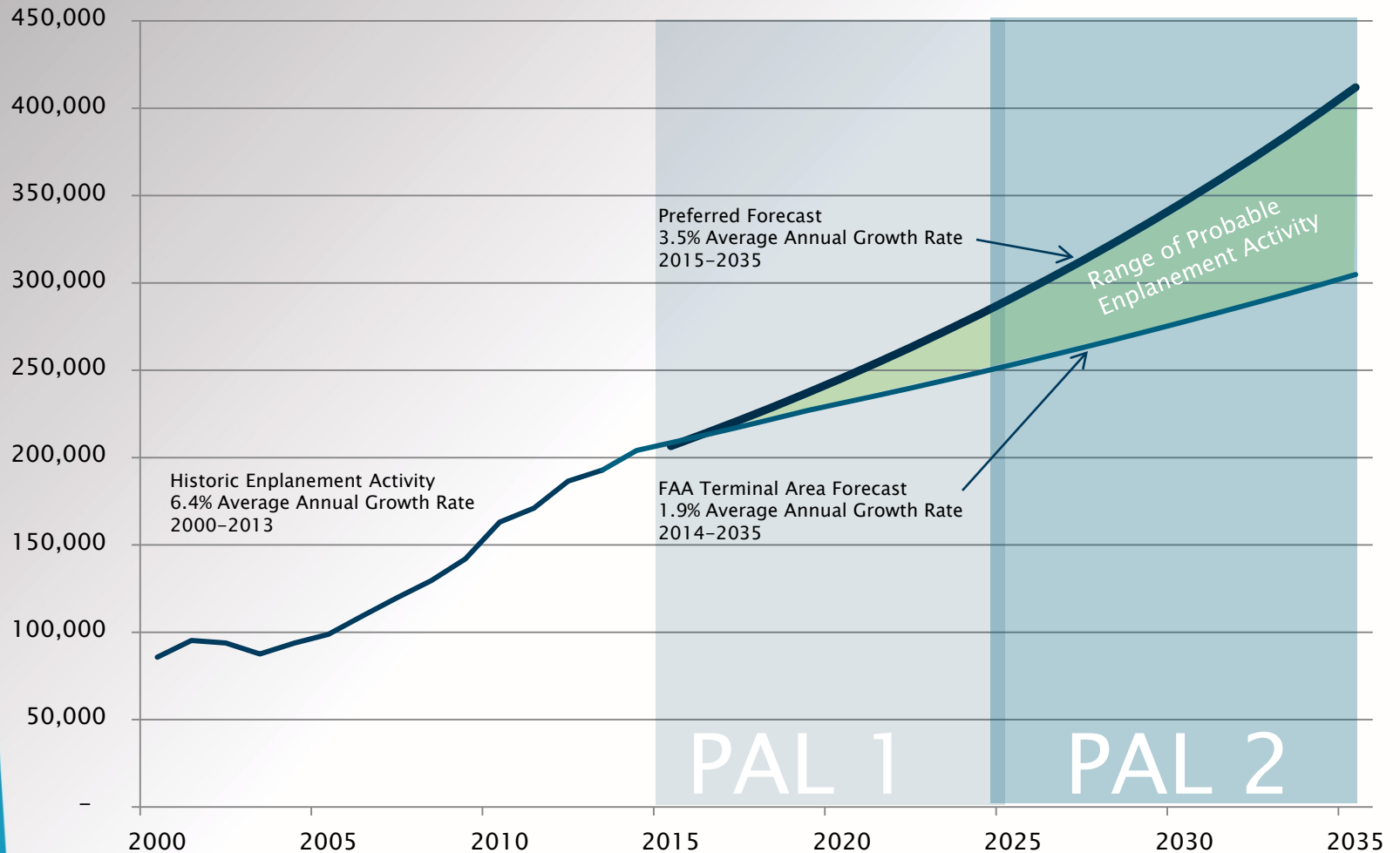
Fiscal Years 2000 – 2012



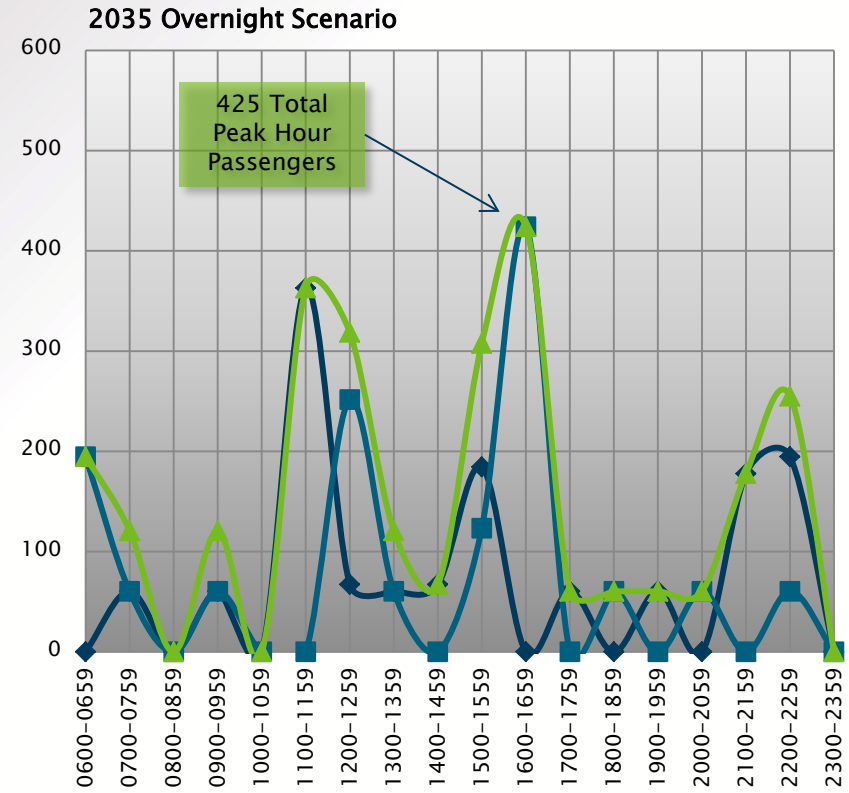
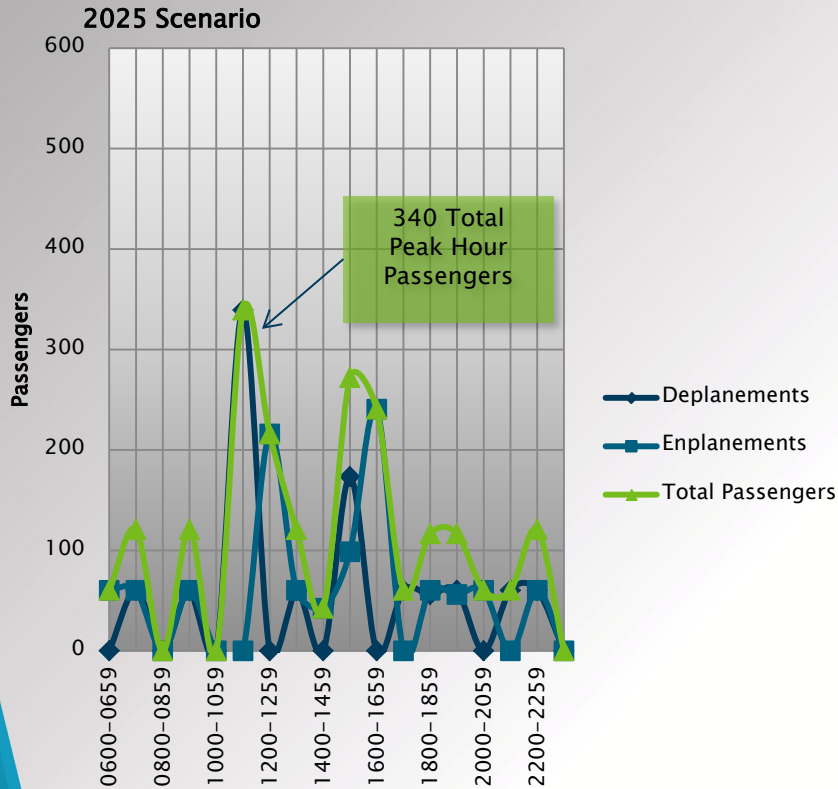
Source FAA Terminal Area Forecast, 2013-2040

Enplanements: Forecast Range

Annual Enplanements 2015 – 2035



Daily Peaking Analysis



Overall Forecast Summary

- Passenger Enplanements
 - 3.5% Average Annual Growth Rate
 - Projected to handle over 400,000 enplanements by 2035
- Commercial Operations
 - 0.8% Average Annual Growth Rate
 - More seats per departure, maintain Load Factors above 80%
- General Aviation
 - Operations: Very modest growth overall at 1.4%
 - Stronger in the Business Aviation category
 - Based Aircraft: Adding about 1 new airplane per year
 - Includes jets based at DRO and associated hangars, flight departments
- Airport Reference Code remains at **D-IV**

Airside Facility Requirements

Facility	Improvements Recommended for CIP
Runway Design and Surface	<ul style="list-style-type: none"> - Current Length, Width, Orientation, and Protected Areas meet FAA Standards for current and projected traffic - Schedule periodic maintenance and rehabilitation
Runway Blast Pads	<ul style="list-style-type: none"> - Repaint chevrons for blast pads to be 50 feet apart
Taxiway Design	<ul style="list-style-type: none"> - Relocate and/or redesign several connecting taxiways to meet current FAA criteria
Taxiway Surface	<ul style="list-style-type: none"> - Rehabilitate Taxiway A from connector A1 to A6 - Fog Seal Taxiway A from connector A6 to A9 and connectors A7, A8, and A9 - Rehabilitate Taxiway Connectors - A1, A2, A3, A5, and A6
Navigational Aids & Airfield Lighting & Signage	<ul style="list-style-type: none"> - Replace/Rehabilitate high intensity runway lights (HIRLs) - Replace Runway 21 visual approach aids - Replace Taxiway Lighting - Replace/Rehabilitate airfield signage
Apron Pavement Surface	<ul style="list-style-type: none"> - Schedule periodic maintenance and rehabilitation

Landside Facility Requirements

Facility	Requirement to Meet 2035 Need
On-Airport Circulation Roadways	– Enlarge and improve circulation to terminal and parking areas
Terminal Auto Parking	– Add 1,000 surface parking stalls on approx. 13 Acres or construct Parking Garage
Rental Car Parking	– Add 140 spaces during planning period
Employee Parking	– Add 45 spaces during planning period – Pave north lot
Regional Transportation Network	– Improve intersection of County Road 309 and State Highway 172
GA Auto Parking	– No improvements needed

General Aviation, Airport Support & Aviation Support Requirements

General Aviation	Improvements Recommended
Transient Aircraft Parking	– Reserve space for development
Aircraft Storage Facilities	– Reserve space for hangars

Airport & Aviation Support	Improvements Recommended
FBO Facility Needs	– Reserve space for development
Fuel Storage Requirements	– Reserve space for future capacity increase
Deicing Facilities	– Improve trench drain – Expand deicing area
ARFF/SRE Building	– Bay size modifications

Terminal Facility Requirements

Terminal Area	PAL 1 Improvements 2025 Requirements	PAL 2 Improvements 2035 Requirements
Airline Space		
Ticketing (counter area, queuing, and offices/admin)	- Add ~5,400 square feet	- Add ~1,600 square feet
Outbound Baggage Area	-	- Add ~800 square feet
Baggage Claim Area	- Add ~2,700 square feet	- Add ~1,300 square feet
Inbound Baggage Area	- Add ~2,400 square feet	- Add ~600 square feet
Operations	- Add ~2,500 square feet	- Add ~900 square feet
Passenger Departure Lounge	- Add ~8,750 square feet	- Add ~ 3,400 square feet
Concessions	- Add ~1,300 square feet	- Add ~1,300 square feet
Restrooms	- Add ~3,400 square feet	- Add ~1,000 square feet
Public Circulation	- Add ~27,700 square feet	- Add ~10,700 square feet
Rental Cars / Ground Transportation	- Add ~100 square feet	- Expand by ~300 square feet
Gates	- Add 1 gate	- Add 2 gates
TSA Checkpoint / Baggage	- Add ~13,500 square feet	- Add ~3,200 square feet
TSA Offices	- Add ~100 square feet	- Add ~100 square feet
Airport Administration	- Add ~ 2,600 square feet	-
Utilities	- Add ~3,500 square feet	- Add ~1,400 square feet
TOTAL TERMINAL SPACE*	- Add ~74,000 square feet	- Add ~27,000 square feet

Comparable Terminals: LINEAR



Great Falls International Airport
2012 Enplanements: 186,790
Number of Gates: 5



Montgomery Regional Airport (MGM)
2012 Enplanements: 182,313
Number of Gates: 4



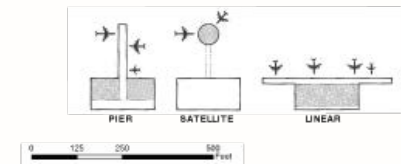
Durango - La Plata Airport (DRO)
2012 Enplanements: 186,567
Number of Gates: 4



Bozeman Yellowstone International Airport (BZN)
2012 Enplanements: 434,038
Number of Gates: 8



Asheville Regional Airport (AVL)
2012 Enplanements: 318,395
Number of Gates: 7



Comparable Terminals: REGIONAL



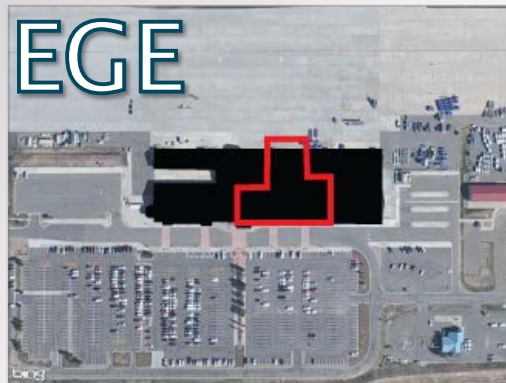
Grand Junction Regional Airport (GJT)
2012 Enplanements: 217,369
Number of Gates: 4



Missoula International Airport (MSO)
2012 Enplanements: 303,886
Number of Gates: 6



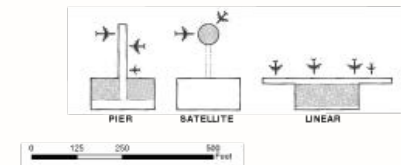
Durango - La Plata Airport (DRO)
2012 Enplanements: 186,567
Number of Gates: 4



Eagle County Regional Airport (EGE)
2012 Enplanements: 167,914
Number of Gates: 5



Jackson Hole Airport (JAC)
2012 Enplanements: 274,343
Number of Gates: 6



Criteria for Evaluation of Alternatives –

The overarching goal of this evaluation is *to enhance the long-term viability of DRO within its current boundaries.*

Quantitative

- Complies with FAA **safety** and **design standards**
- Maximizes operational **efficiency**
- **Meets** the 20 year facility **requirements** as defined in the Master Plan, plus has **room to grow**
- **Balances** benefits with costs

Qualitative

- Promotes **safety** and **efficiency** of airport operations
- Enhances **security** of airport and airline operations
- Improves **customer satisfaction/convenience**
- Fosters Durango/Four Corners' **Image**
- **Minimizes** construction **phasing impacts** to tenants and users
- Incorporates **sustainable design** elements where appropriate
- Sensitive to **environmental** resources

Social Media

WEBSITE:

www.flydurango.com

Select Airport Master Plan

TWITTER:

<https://twitter.com/CityofDurango>



VIRTUAL CITY HALL:

www.durangogov.org/virtualcityhall

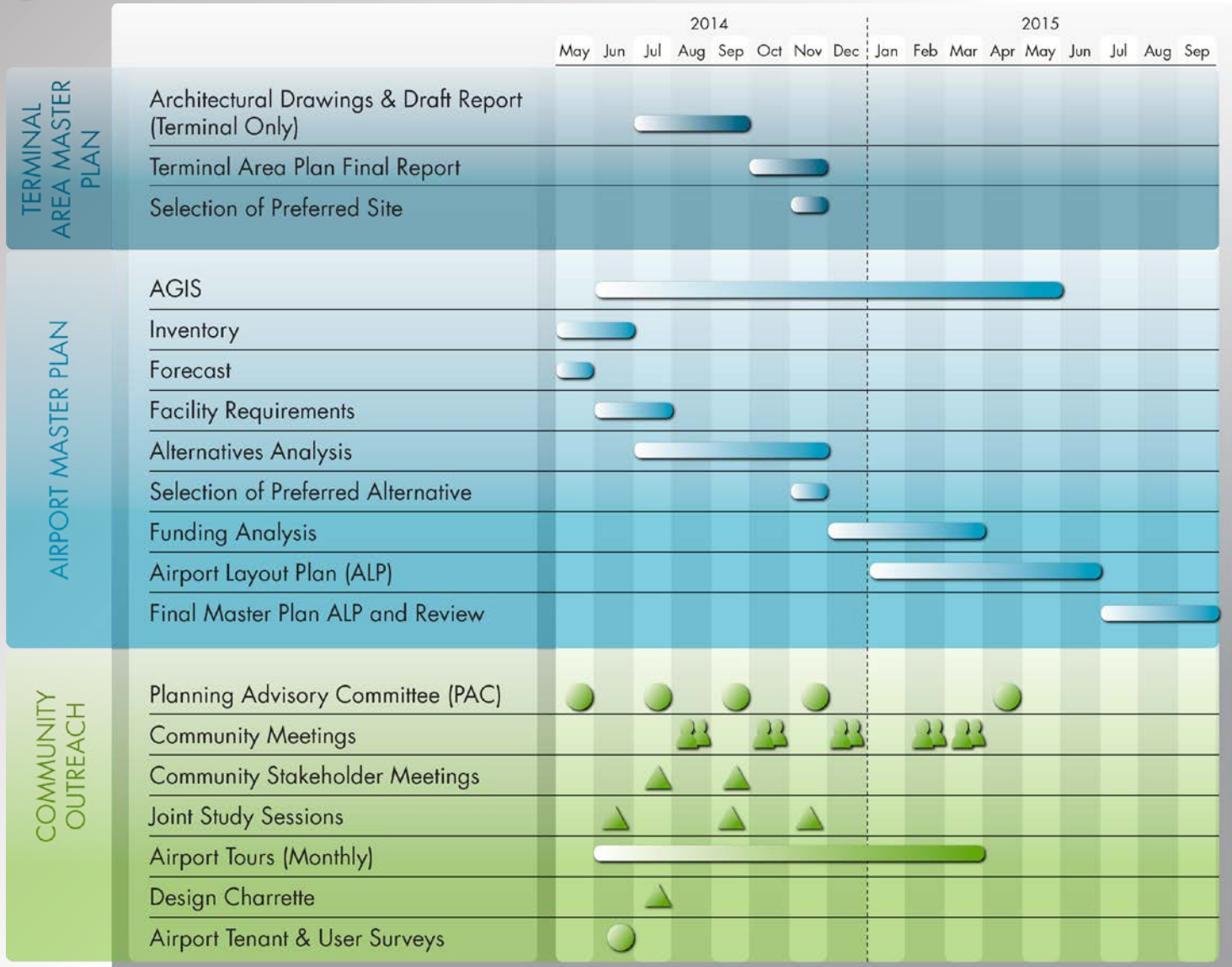


FACEBOOK:

<https://www.facebook.com/cityofdurango>



Project Timeline





» Thank You!

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