



Fort Carson

Regional Growth Plan



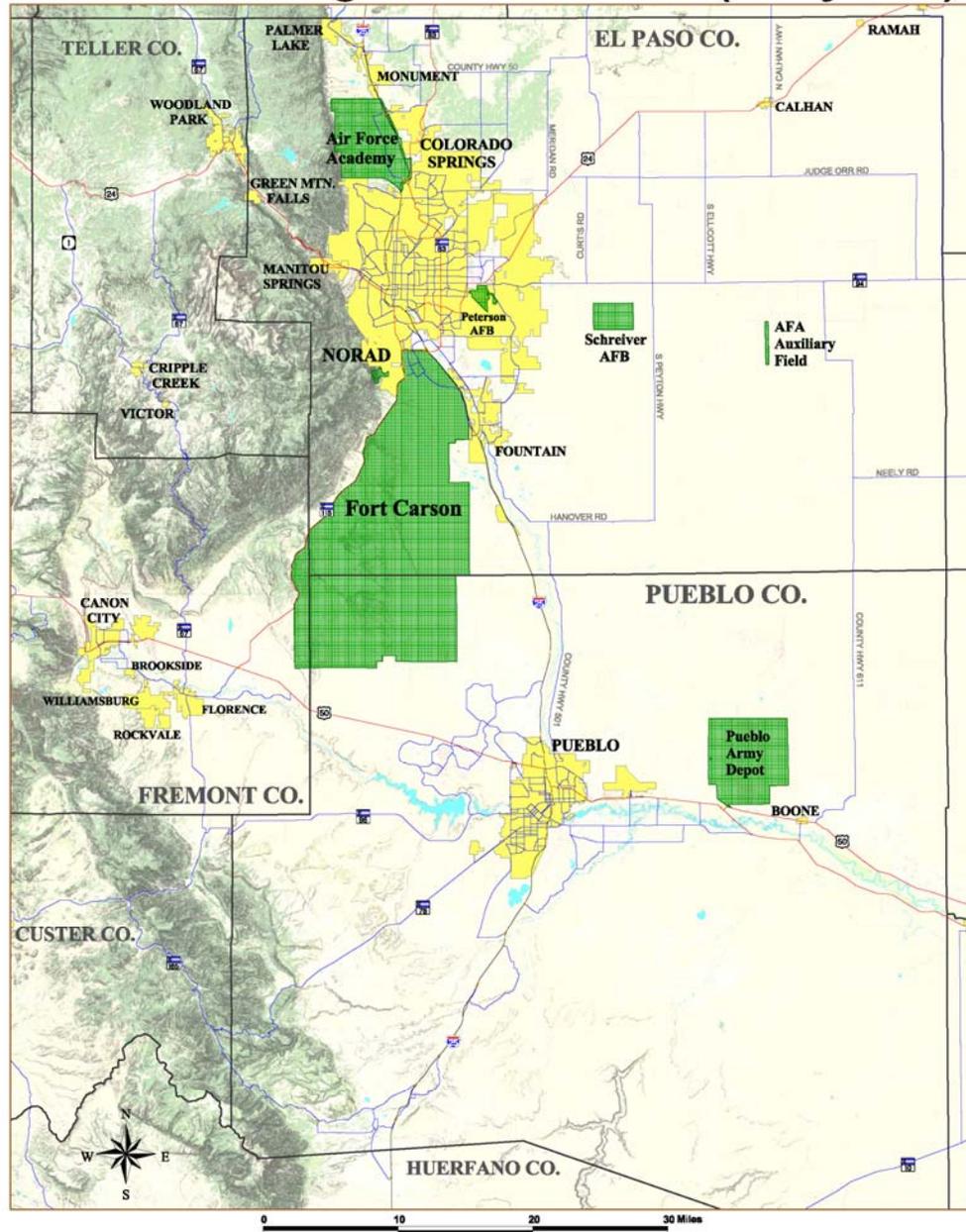
**OEA 2007 Growth Summit
Transportation Workshop I
December 12, 2007**



**Military Impact
Planning**

Regional Context - Location

Fort Carson Regional Growth Plan (Study Area)



Regional Context –Population

Regional Population (2006)

- El Paso County: 578,336 (74%)
- Fremont County: 48,117 (6%)
- Pueblo County: 153, 243 (20%)

Total 3 Counties: 779,696

Fort Carson Related Population (FY 2006)

- 12,600 Authorized Military Personnel
- 23,000 Dependents
- 3,119 Civilians Working on Post
- 5,022 Civilian Dependents

43,741 Total due to Fort Carson

Approximately 5.6% of 3-county population

Approximately 7.5% of El Paso County population



Regional Context - Growth

Projected Fort Carson Related Population

- **Expected Growth Scenario FY06-11**
 - 11,400 troops
 - 21,287 dependents
 - 430 civilians (plus 693 dependents)
- **Total *New* Population**
 - 33,810 troops, dependents, civilians
- **Total New *Plus* Existing by FY11-12**
 - 24,000 troops
 - 53,551 dependents and civilians
 - 77,551 troops, civilians, and dependents total

Regional Context - Growth

Forecast Regional Population 2011

El Paso County: 661,539 (+83,203)

Fremont County: 52,414 (+4,297)

Pueblo County: 167,721 (+ 14,478)

Total 3 Counties: 881,674 (+ 101,978)

Fort Carson Component

77,551 (+33,810) estimated total population due to Fort Carson

Approximately 33% of 3-county new population growth

Approximately 11% of El Paso County total population

Regional Context - Growth

Projected Off-Post Residential Locations

- **Sample of Zip Code Data for Fort Carson Personnel (2005)**
 - **64.5% Colorado Springs**
 - **32.7% Fountain and unincorporated El Paso County**
 - **2.4% Pueblo County**
 - **0.4% Fremont County**
- **Estimated 76% of Families will live off-post**
- **Approximately 93% live within 20 Miles of Fort Carson**



Regional Context - Transportation

3 Metropolitan Planning Organizations (MPO's)

- **Pikes Peak Area Council of Governments**
- **Central Front Range Regional Planning Commission**
- **Pueblo Area Council of Governments**

Each with its own

- **Transportation Planning Area**
- **Long Range Transportation Plan**
- **Transportation Improvement Program**

All feeding into the Colorado DOT project priorities and funding allocations.



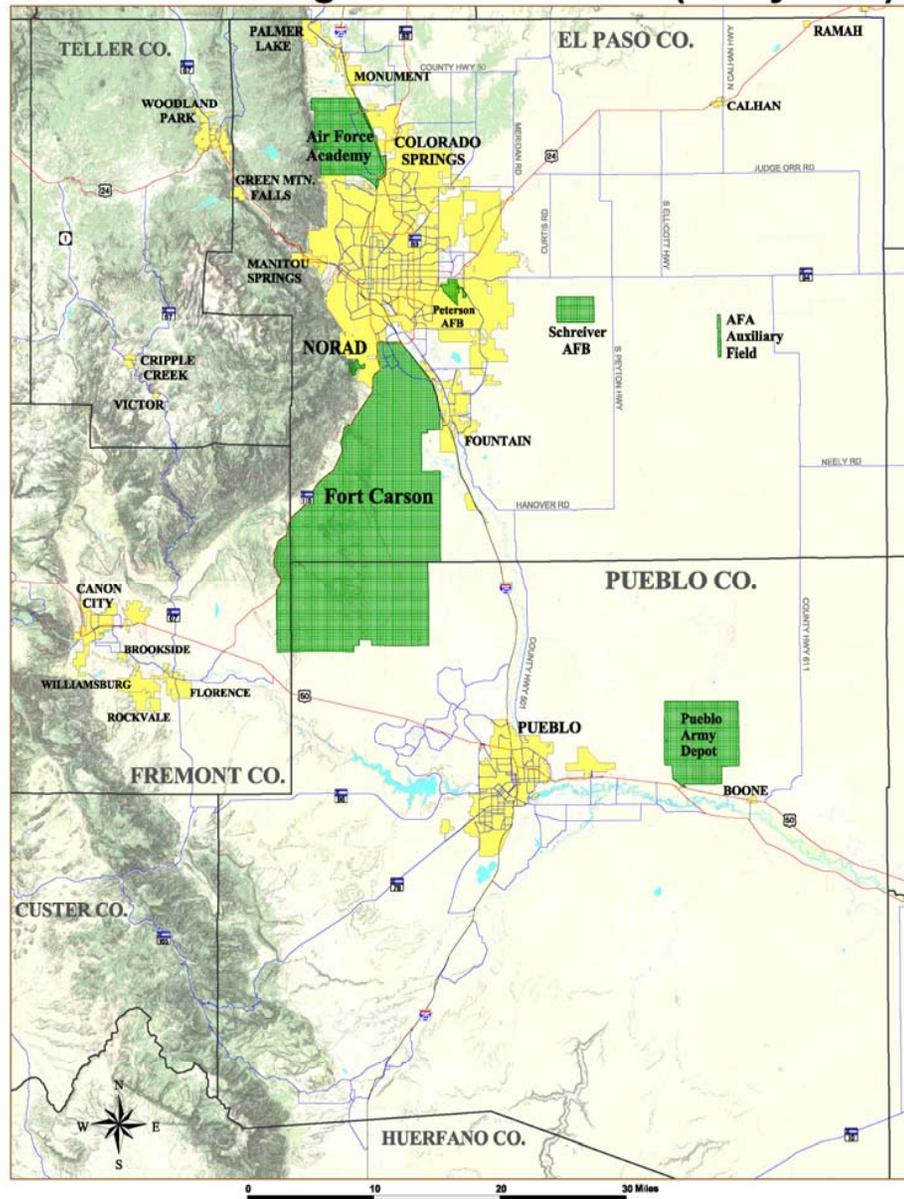
Regional Context - Transportation

Pikes Peak Area Council of Governments PPACG

- **COG for the region for the past 40 years**
- **3 counties: El Paso, Park, and Teller**
- **MPO for the Colorado Springs Urban Area**
- **Administers Pikes Peak Rural Transportation Authority (PPRTA)**
- **Military Impact Planning Program formed in 2006 with award of an OEA grant**
- **Partnered with the Colorado Defense Mission Coalition (CDMC) in 2006 to do the Fort Carson Regional Growth Plan**
- **Building on a long and strong history of support for the military presence in the community**

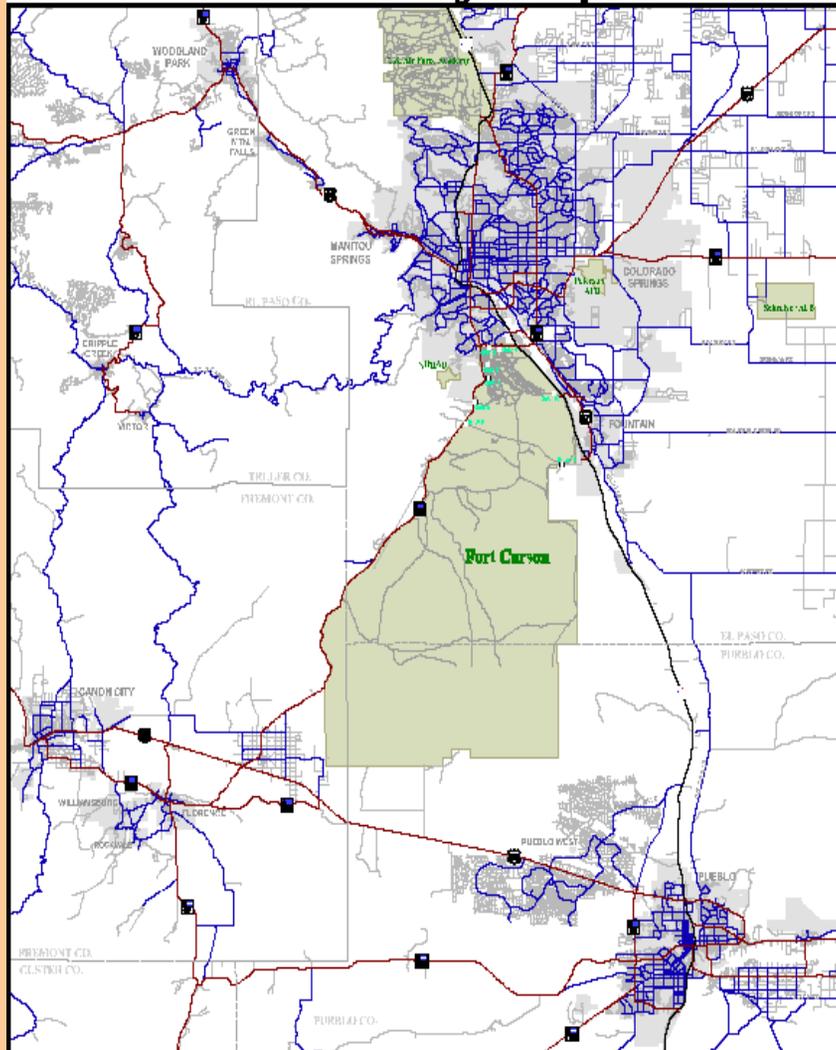
Regional Context - Transportation

Fort Carson Regional Growth Plan (Study Area)



Transportation Issues

Fort Carson & Surrounding Roadway Networks



- Fort Carson Gates
- County Boundary
- Interstate
- U.S. & State Highways
- Arterial Roads
- Local Roads
- Military Bases
- City

0 10 20 Miles



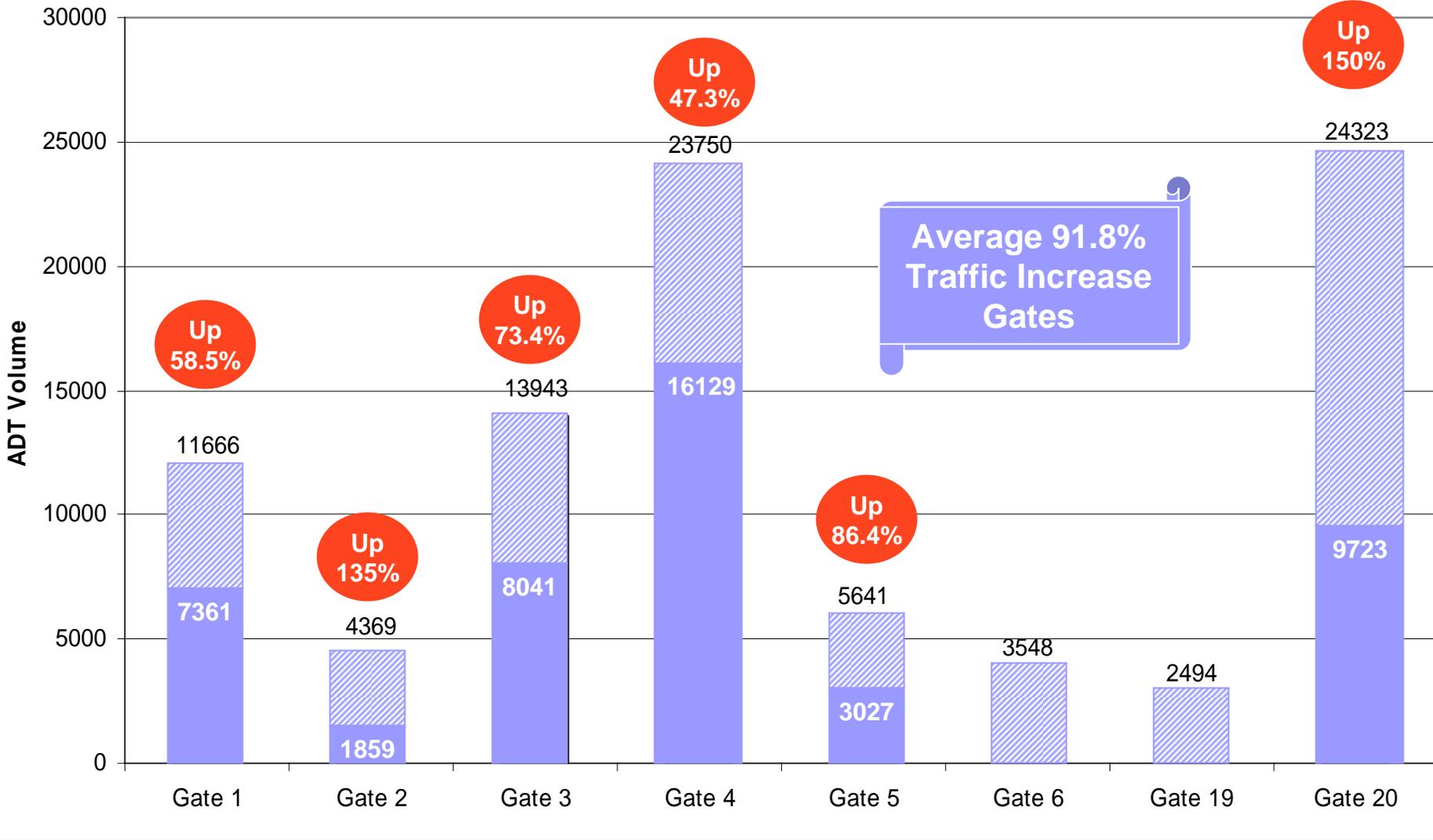


Transportation Issues

Major Issues Related to Fort Carson

- **Existing and projected congestion on roadway network surrounding Fort Carson: South Academy Boulevard, Powers Boulevard, Interstate 25 and State Highway 16.**
- **Reducing congestion and improving access at gates to Fort Carson: Gate 20 and Gate 4.**
- **Construction of new Arrival/Departure Air control Group (A/DACG) facility at the Colorado Springs Airport and designation of a new rapid deployment route.**

Gate Average Daily Total Volumes (Both directions)



■ Current Volume

▨ Projected Volume by 2010

● Percentage of Increase



Transportation Issues

Regional Approach to Issues

- **Needed transportation improvements included in local, regional and state transportation planning processes.**
- **Fort Carson viewed as equivalent to a local government.**
- **With BRAC 2005 priorities for funding and improvements reallocated to meet Fort Carson's growth.**
- **PPACG as regional coordinator of partnerships for transportation improvement projects.**



Transportation Improvements

Three Transportation Projects In Progress

- 1. SH 16/I-25 Interchange Improvements**
- 2. Rapid Deployment Route and Defense Access Road to A/DACG**
- 3. South Metro Accessibility Phase 1**

Transportation Improvements

SH 16/I-25

Description:

- Widen SH 16 to four lanes from Fort Carson Gate 20
- Replace interchange with I-25
- Reconstruct interchange with US 85
- New bridge structures to accommodate Army's heavy equipment for rapid deployment route

Cost: \$60.5 million

Funding:	Federal	\$12.8 mil.
	State	\$45.2 mil
	Local	\$ 2.5 mil.



Gate 3

Gate 4

Gate 2

Gate 1

Gate 5

Gate 20



Transportation Improvements

SH 16/I-25

Partners:

- Federal Highway (FWHA)**
- CDOT**
- PPACG**
- El Paso County**
- City of Fountain**

Environmental Assessment:

- Completed June 2007**
- FONSI September 2007**

Status: Break ground March 2008

Completion: Late 2009 (18 months)



Transportation Improvements

Defense Access Road

Description:

- **Construct 1 mile+ link to connect re-designated Rapid Deployment Route to new 90-acre A/DACG facility**
- **Includes utility infrastructure**
- **Part of overall City of Colorado Springs Airport Business Park planning and design**

Cost: \$8.1 million

**Funding: Department of Defense
Defense Access Road Program**

Additional \$1.2 mil. for design and environmental work by City of Colorado Springs



Gate 3

Gate 4

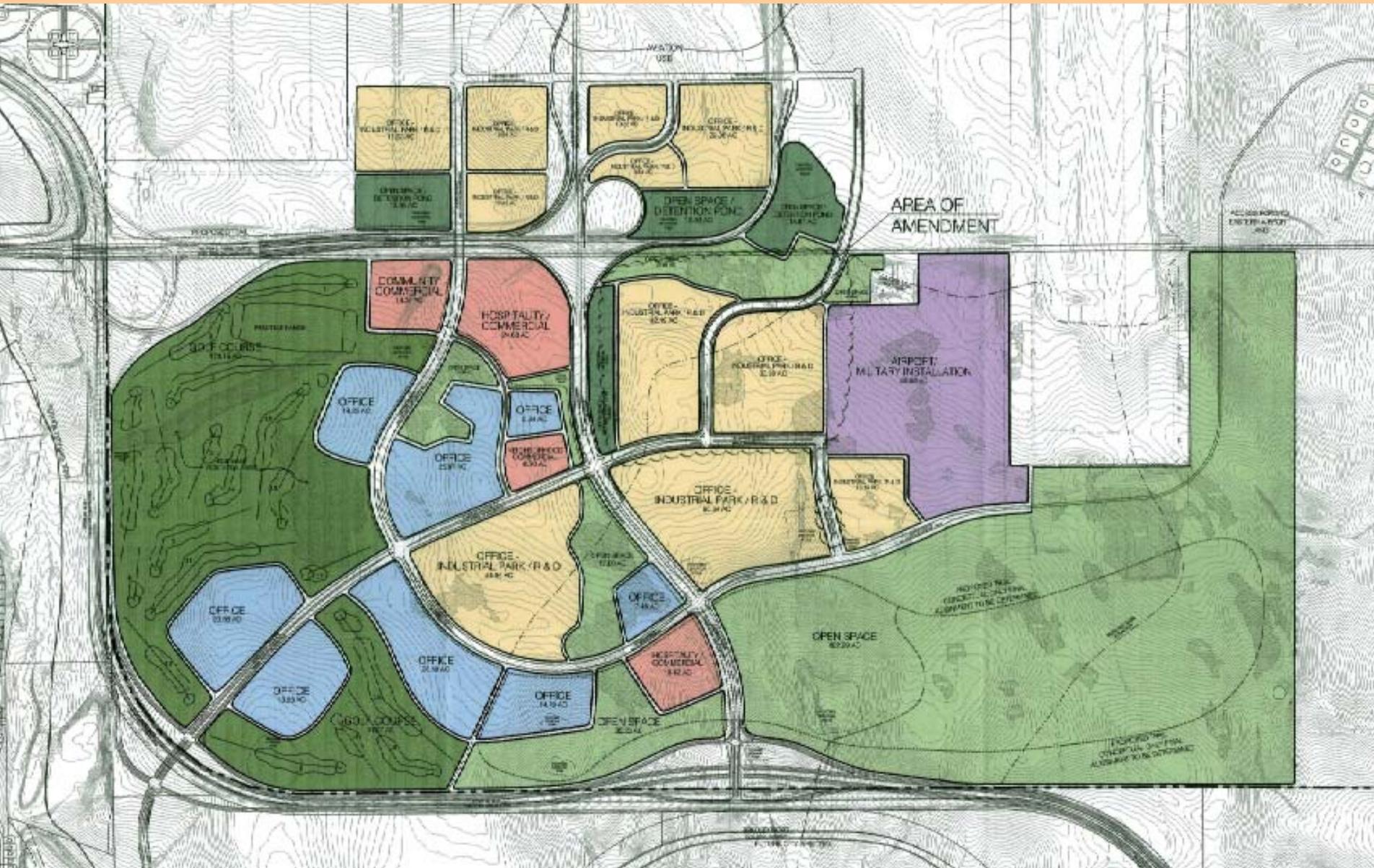
Gate 2

Gate 1

Gate 5

Gate 20

Transportation Improvements





Transportation Improvements

Defense Access Road

Partners:

- Department of Defense**
- Federal Highway Administration**
- CDOT**
- City of Colorado Springs**

Environmental Assessment

Completed with FONSI in September 2005 as part of EA for Airport Business Park and A/DACG facility by City of Colorado Springs

**Status: Final design for DAR in process
A/DACG facility under construction**

Completion: Late 2009 to coincide with A/DACG

Transportation Improvements

South Metro Accessibility - Phase 1

Description

El Paso County portion:

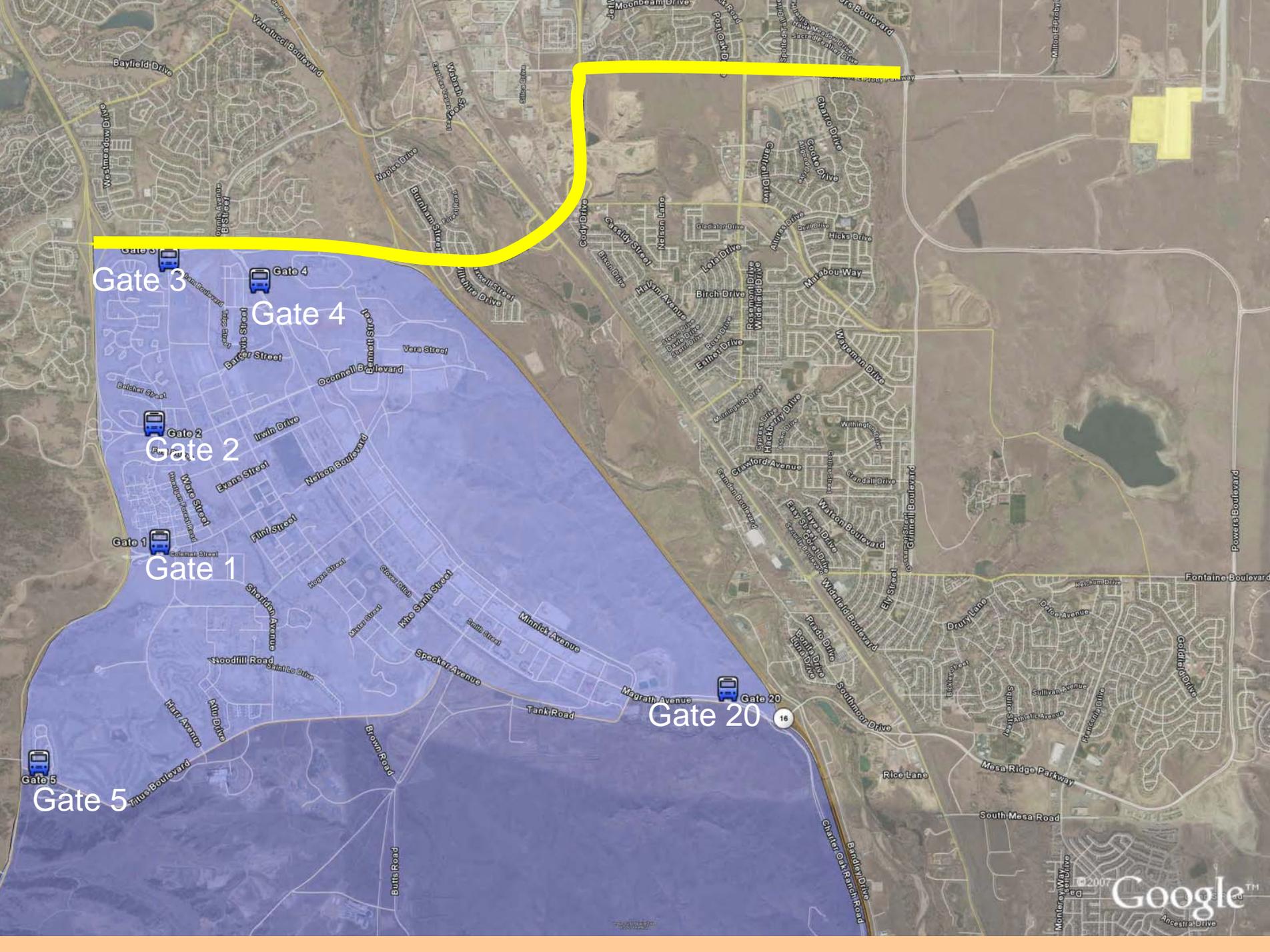
- Widen South Academy Boulevard from SH 115 to I-25
- Replace bridge structures
- Improve access to Fort Carson Gate 4

City of Colorado Springs portion:

- Design and construct new expressway between Academy Boulevard and Powers Boulevard

Cost:	County	\$25.7 mil
	City	\$53.1 mil
	Total	\$78.8 mil

Funding: Pikes Peak Rural Transportation Authority (PPRTA)



Gate 3

Gate 4

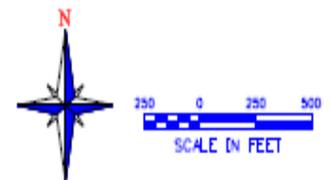
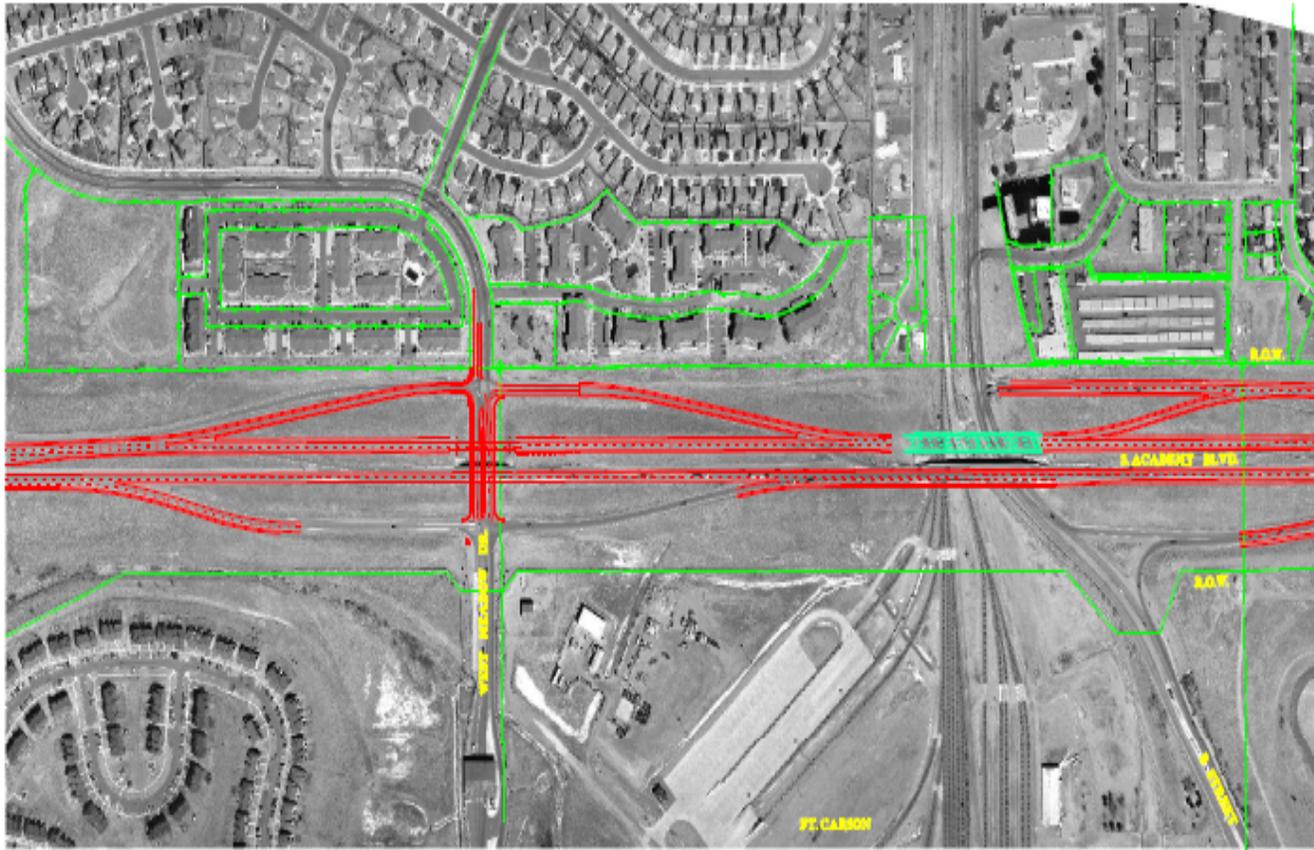
Gate 2

Gate 1

Gate 5

Gate 20

Transportation Improvements





Transportation Improvements

South Metro Accessibility - Phase 1

Partners:

- PPRTA**
- El Paso County**
- City of Colorado Springs**

Environmental Assessment:

- EA not required**
- Local funding and categorical exclusions**

Status: County: Under construction

City: Design and ROW Acquisition

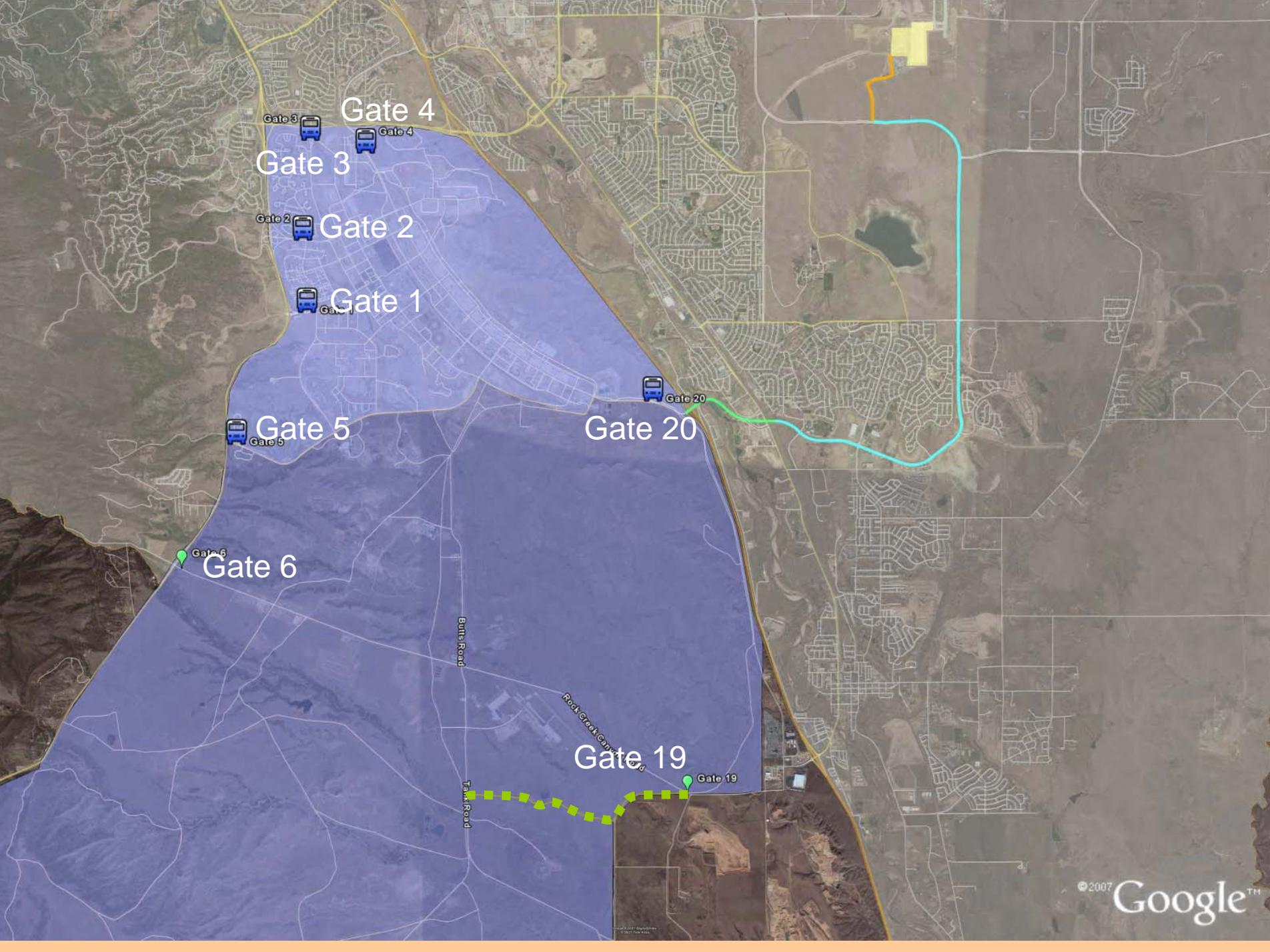
Completion: 2014 for entire Phase 1



Emerging Transportation Issues

Issues emerging in the Fort Carson Regional Growth Plan

- **Improving transit service and rider ship**
- **Pedestrian and bike access and circulation**
- **Building a more efficient land use pattern**
- **Activating new access at Gates 6 and 19**
- **Coordination with other TPR's and CDOT**



Gate 3 Gate 4

Gate 3

Gate 2 Gate 2

Gate 1 Gate 1

Gate 5 Gate 5

Gate 20 Gate 20

Gate 6 Gate 6

Gate 19 Gate 19

Butts Road

Root Creek

Tank Road

Contact and Information

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