

SH 83/SH 88 GRADE SEPARATED INTERCHANGE



Purpose and Need

- Current at-grade intersection is one of few intersections in nation to have triple left-turn lanes.
- Size of intersection and volumes unsafe for pedestrian & bicyclists to use intersection to access Soccer Fields, Cherry Creek Trail, Cherry Creek State Park.
- Has severe congestion for more than 4 hours per day.
- Serves three of the highest growth areas in the United States (Douglas County, Elbert County, Arapahoe County).
- Intersection is 1 of 3 critical hubs that motorists have to drive through in Southeast Denver Metro Area.

Project Status

- Feasibility Study and Environmental Assessment completed. FONSI signed January 1999.
- Portion of right-of-way acquired. Partial improvements completed or under way. Final design underway.
- Currently in 2005-2010 TIP for \$11.35 M. Included in SAFETEA-LU Bill for \$5.2M.
- Estimated Project Cost \$60 M
- Included in fiscally constrained 2030 RTP
- Letters of support from 4 impacted governmental entities and 3 regional associations.

Corridor Information

SH 83 (Parker Road)

- Has Continuity from Colorado Springs to Denver.
- Links southeast metro suburbs & remote communities w/Denver.
- Provides Alternate to I-25 (major north-south thoroughfare in Denver)

SH 88 (Arapahoe Road)

- One of 4 crossings of Cherry Creek (I-225, E-470, & New Broncos Parkway are the others).
- Continuity between East of E-470 to Broadway.
- Provide Access to Arapahoe County Public Airport & Denver Tech Center.
- Provide Access to Colorado National Guard Headquarters.

Volumes (AADT)

	<u>2004</u>	<u>2030</u>
SH88 West of SH83	56,743	74,398
SH88 East of SH83	26,658	75,311
SH83 North of SH88	61,566	101,581
SH83 South of SH88	39,691	94,296

Why Make the Investment?

- SH83 serves as the only viable north/south roadway should I-25 become unavailable.
- SH88 is only regional arterial that provides access east/west to I-25 business corridor, a major source of Colorado's economy.
- SH88 provides access to Centennial Airport, 2nd busiest general aviation airport in the U.S. , and Colorado National Guard Headquarters.
- Provides multi-modal benefits by providing a park-n-ride accessibility to SE LRT and safe/convenient pedestrian access to area recreational opportunities.



- Colorado's First County
- 1 of 5 Counties in Denver Metro Area
- Population — 524,000+

- Size — 850+ Square Miles
- 13 Incorporated Cities
- Home to Denver Tech Center
(Employment of 115,000)