



## Milton E. Proby Project

### Corridor Improvement Project

#### Summary of Accomplishments:

**TIME-** Will complete the project within the original 25 month schedule (roadway completed ahead of schedule with final landscaping and other minor work to be completed in the spring of 2012).

**BUDGET-** Project finished within \$55M budget.

**PARTNERSHIPS-** The project partnerships included working with the neighborhoods, businesses, Colorado Springs Airport, Colorado Department of Transportation (CDOT), and El Paso County. Discussions with the neighborhoods resulted in prioritizing the early construction of noise mitigation on the project through the use of noise walls on the western half of the project and depression of Proby Parkway on the east half by as much as 25 to 30 feet.

**COMPLETED INTERCHANGE**– Three of the connections include directional ramps that carry traffic between the roadways without stopping at a traffic signal. Ramp A (northbound to eastbound) connects traffic from I-25 via Academy Boulevard to Proby Parkway. Ramp B (westbound to southbound) connects traffic from Proby Parkway to I-25 via Academy Boulevard under a new bridge on Academy Boulevard. Ramp C (southbound to eastbound) connects Academy Boulevard to Proby Parkway on a new flyover bridge. The remaining connections (Ramps D and E) are through a new traffic signal at Academy Boulevard and Drennan Road.

**STRUCTURES-** The project includes the construction of three bridges and three ramps. The most visual bridge on the project takes southbound Academy Boulevard traffic onto eastbound Milton E. Proby Parkway. It is the first three level interchange in Colorado Springs. Constructed on a horizontal curve, this is a six-span 890 foot long cast in place, post tensioned concrete box girder bridge. The second bridge on the project, the Academy Boulevard Bridge, is a 138 foot long bridge with pre-stressed concrete I- beams. The final bridge is the same construction of the Academy Boulevard bridge and is 115 feet long.

**PUBLIC** – The successful public involvement effort led to a positive working relationship with the neighborhoods, businesses, and traveling public. The public outreach during design consisted of open houses, good neighbor meetings, and neighborhood association meetings. The outreach resulted in the formation of the Proby Parkway Community Committee (PPCC). The PPCC helped guide the project design team on landscape themes, noise mitigation design, neighborhood access, flooding issues, and crime prevention/security concerns. During construction, the public outreach included open houses,



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Homeowner Association Meetings, one-on-one meetings, flyers, a project Website, e-mail blasts, quarterly newsletters, and press releases.

**SAFETY** -Completion of the project with an excellent safety record for everyone involved.

**TRAFFIC** – The traffic through the project was effectively passed through the project without significant delays. The more restrictive traffic conditions during the construction were done at night or on weekends when the traffic volumes were lowest. The closure of the east half of the project was a result of a survey of the public which indicated the desire to get it done as quickly as possible rather than leave it open and take longer. This section of the project was opened one day ahead of the scheduled opening date.

**UTILITIES**- Successful coordination of extensive utility and water relocations.

**QUANTITIES**- Approximate Summary of Materials Used

- 1.3 million cubic yards of dirt moved (an amount equal to a 10 foot by 10 foot trench from Colorado Springs to downtown Denver.)
- 14,000 yards of concrete were placed on the project (amount equal to 4 Olympic size swimming pools or a sidewalk 51 miles long.)
- 180,000 square yards of asphalt laid (amount equal to 34 football fields.)
- 1.4 million pounds of steel reinforcement installed.
- 15,000 linear feet of storm drain installed (amount equal to 3 miles.)
- 1,000 linear feet of city water main line installed.
- 15,588 square feet of retaining walls built.
- 64,020 square feet of noise walls built.