



Review of Existing Studies in US24 West Corridor

<p>Study Name PPACG US 24 Corridor Study Colorado Springs to Woodland Park</p>	<p>Study Author TranSystems w/ Ballofet & Associates & Transportation Management Solutions</p>
<p>Study Sponsor PPACG Transportation Advisory Committee</p>	<p>Study Date 7/19/1996 Study Period was June 1995 - April 1996</p>
<p>Study Area and Purpose of Study</p> <p>US 24 between I-25 and west end of Woodland Park.</p> <p>Project Purpose:</p> <ol style="list-style-type: none"> 1. To ID list of projects with planning level costs; 2. To develop specific traffic model to predict future travel demand; and, 3. To develop a project prioritization model to compare various projects based on traffic management data. 	
<p>Key Points of Study</p> <ol style="list-style-type: none"> 1. Corridor is an important link between Springs and Mountains – important regional and national corridor through rocky mountains. 2. Corridor is not a travel producer. Majority of traffic has an origin or destination outside study limits. 3. Urban US 24 can expect congested condition to continue during peak periods. 4. Urban US24 signalized intersections pose most severe capacity restraints. Large volume of turning traffic contributes to intersection congestion. 5. The study is 9 years old. 6. Intersections of US 24/8th & US 24/31st exhibited overall LOS D/F with some individual lane groups falling to LOS F under both peak periods. 	
<p>Relevance to US24 West project</p> <p>The study developed 72 potential projects at 45 separate locations (\$48.3 million conceptual construction value) with 19 (~\$24 million) in our study area. Of these, 10 (~\$9 million) are on the top 25 Project Priorities List.</p> <p>This includes:</p> <ul style="list-style-type: none"> - 5 bridge replacements or widening/improvement for structurally deficient or functionally obsolete structures (I-17-GF, I-17-GG, I-17-GI, I-17-EQ, I-17-EG) - Signal and/or Accel & Decel lanes at Cliff Dwellings - Highway Beautification on North side of road 1100 ft east of Cliff Dwellings - Highway Beautification on North side of road between Manitou Ave and Ridge Rd - Urban interchange at US 24 and 8th - Weather Monitoring <p>The other ideas are:</p> <ul style="list-style-type: none"> - Bridge Replacement (Williams Canyon) - A Decel Lane south side near Manitou Ave. - Signal at Ridge Rd. - US 24/31st Intersection Improvements EB Dual Lefts, SB Dual Lefts/Structure Widening - US 24/21st Dual WB and NB Lefts - US 24/8th Major Intersection Improvements with additional through and turn lanes - Widen to six lanes between 8th and 21st 	
<p>Review by Laura E. Zamora</p>	<p>Review date January 27, 2005</p>