

# LSC Transportation Consultants, Inc.

## Experience and References

### WATER VALLEY DEVELOPMENT ROUNDABOUT DESIGN AND ANALYSIS

#### Project/Location

Water Valley Development Roundabout Design and Analysis  
Windsor, Colorado

#### Client

Water Valley Land  
Company, LLC  
1625 Pelican Lakes Point,  
Suite 201  
Windsor, CO 80550

#### Project Manager

Benjamin T. Waldman

#### Date

2003 - 2004

#### Reference

Pat McMeekin  
(970) 686-5828



#### Description

LSC was retained by Water Valley Land Company, LLC to assist with the design of two two-lane roundabouts which were recently constructed on New Liberty Road within the Water Valley development in Windsor, Colorado. Roundabout plans showing the horizontal layout, typical cross-sections, signing and striping were prepared. In addition, LSC prepared a design report which showed a Level of Service analysis using the Rodot software, WB-67 truck paths for each approach, sight triangles and a fastest path analysis according to the procedures set forth in the Federal Highway Administration's publication *Roundabouts: An Informational Guide*. LSC also assisted with reviewing signing and striping plans.