

LSC Transportation Consultants, Inc. Experience and References

E. CROSSROADS BLVD./7TH STREET ROUNDABOUT DESIGN AND ANALYSIS

Project/Location

E. Crossroads Blvd./7th Street Roundabout Design and Analysis
Windsor, Colorado

Client

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

Project Manager

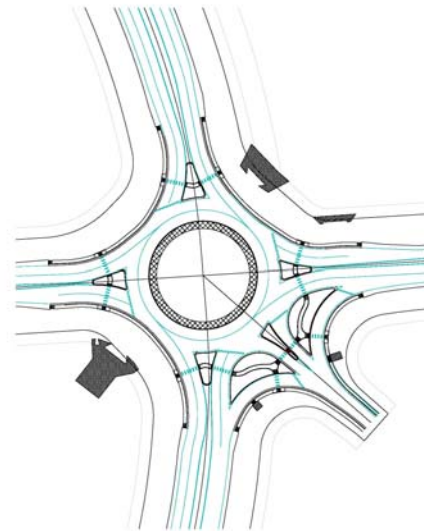
Benjamin T. Waldman

Date

2007

Reference

Pat McMeekin
(970) 686-5828



Description

LSC was retained by Water Valley Land Company, LLC to make a presentation to the Town of Windsor showing the benefits of roundabouts and to show a micro-simulation of the proposed multi-lane, five-approach roundabout at Crossroads Boulevard/7th Street assuming buildout traffic projections. LSC then assisted with the design of a two-lane roundabout which was recently constructed at the subject intersection. 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 Rodel 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.