

LSC Transportation Consultants, Inc. Experience and References

ROCK CREEK/88TH STREET ROUNDABOUT DESIGN

Project/Location

Rock Creek/88th Street Roundabout Design
Superior, Colorado

Client

The Town of Superior
124 E. Coal Creek Drive
Superior, Colorado 80027

Project Manager

Benjamin T. Waldman

Date

2004 - 2005

Reference

Joel Meggers
(303) 987-0835



Description

LSC was retained by the Town of Superior to perform a comparative analysis of a roundabout versus a traffic signal for the Rock Creek Parkway/88th Street intersection in Superior, Colorado, and to present the findings of this analysis to the Town Council. 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 construction phasing and traffic control plans and with construction management.