



# LSC Transportation Consultants, Inc.

## Experience and References

### **BRIARGATE MASTER PLAN**

#### **Project Location**

Briargate Master Plan  
Colorado Springs, Colorado

#### **Client**

La Plata Investments  
2315 Briargate Parkway, Suite 100  
Colorado Springs, Colorado 80920

#### **Project Managers**

A.T. Stoddard III, P.E.; Jeff Hodsdon, P.E.; Steve Sargeant, P.E.

#### **Date**

1984 - Present

#### **Reference**

Mark L. Loeb, Director of Planning  
(719) 260-7477

#### **Description**

LSC has performed the transportation planning and traffic engineering for Briargate since 1984. Briargate is a master-planned community in Colorado Springs of approximately 6,000 acres. It includes business parks, residential areas, commercial developments, a golf course, and many other features.

To evaluate the traffic impacts of the overall Master Plan, LSC developed a network model based on the Pikes Peak Area Council of Governments regional model. The model was originally developed using the TRANPLAN modeling package. The model was developed in 1993 to analyze proposed changes to the Master Plan and then updated in 1996 for proposed changes to the Master Plan. The model has since been updated and converted to QRS II. The network model has been used in the analysis of smaller neighborhood communities to determine the traffic impacts and required transportation system improvements. LSC is currently using the model as a tool to assist La Plata in the planning and design of new projects within Briargate.

Throughout our long history with Briargate, LSC has performed the following tasks for various locations within the Master Plan: lane configuration determination, traffic signal design and placement, signal progression and simulation, roadway alignment analysis, neighborhood traffic analysis, median design, cross section design, intersection configuration, and macroscopic simulation. This work was performed during work on over 30 sub-area studies within Briargate.