

LSC Transportation Consultants, Inc.

Experience and References

Coyote Creek Elementary School

Project/Location

Westridge Village Parkway and Baneberry Court
Douglas County, CO

Client

Douglas County School District Re-1
2861 Baneberry Court
Highlands Ranch, CO 80129

Project Manager

Alex J. Ariniello, P.E., PTOE

Date

2004 - 2005

Reference

Ms. Jan Dow
(303) 387-6175



Description

Coyote Creek Elementary School is located in Douglas County and has an enrollment of 640 students. In its early years of operation, a large share of students were bussed to school and the campus design facilitated bussing. Over the years, due to school boundary changes and changes in School District bussing policies, relatively few students are now bussed to the school and a very large proportion of students arrive by passenger vehicle. This has created congestion and safety issues during drop-off and pick-up periods.

LSC Transportation Consultants was selected to identify, develop and evaluate a range of traffic control options that would create a safer and more efficient condition in which vehicles and pedestrians would interact during the pick-up and drop-off activities during the school year. The specific steps taken in this analysis included

- Collection of traffic and pedestrian counts during morning and afternoon drop-off/pick-up periods;
- Identification of traffic control measures to improve safety and traffic flow;
- Development of conceptual drawing and cost estimates for physical changes to the school campus.

Recommendations and cost estimates for mitigation were provided.