

City of Westminster Street Lighting Evaluation and Street Lighting Design Criteria

Westminster, Colorado

Project Completed:	2014 (Project Duration: 2013 - 2014)	
Role:	Prime Consultant - Lighting (WBE and SBE not required)	
Project Designer:	Annie Kuczkowski, 20% Time Spent on Project	
Project Manager:	Dane Sanders, 15% Time Spent on Project	
Owner:	City of Westminster, CO	
Owner's Rep:	Ben Goldstein	Greg Olson
	(now with City of Golden, CO)	
Phone:	303-384-8012	303-658-2145
Email:	bgoldstein@cityofgolden.net	golson@cityofwestminster.us

The City of Westminster hired Clanton & Associates to study the City's existing lighting and to recommend LED luminaires. The City's goals were to replace their existing HPS luminaires with LED luminaires that dim during hours of curfew. Additional goals were public safety and acceptance, meeting current IES standards, and economic return on the City's investment.

During the evaluation, the Westminster police, along with the City's planning department and board, participated in a street lighting subjective survey evaluating the City's existing lighting for public safety, lighting levels, glare, uniformity, and comfort. The results of the survey influenced the selection and development of street lighting guidelines. These guidelines included a one-for-one replacement guide and new street lighting criteria that was adopted by the City of Westminster.

Scope of Work Performed

Clanton & Associates conducted the street lighting evaluation with the City of Westminster for residential, commercial, and arterial streets. Street lighting guidelines were developed by Clanton & Associates based on the results of the evaluation. In addition, evaluation of Xcel's street lighting and energy only rates were studied in the economic models.

