

Featured Project

White City Lighting District / City-Wide Street Lighting

White City, Oregon

ArcSine Engineering worked with Hardey Engineering & Associates and Jackson County Urban Renewal Agency (JCURA) to light residential, commercial, and industrial streets throughout White City an unincorporated area north of Medford, Oregon. This unique project involved a passionate public, with advocates succeeding in passing a ballot measure to increase property taxes for the sole purpose of street lighting for this 3,532-acre area consisting of approximately 800 street light fixtures.

ArcSine undertook the obligation of providing lighting options and their costs for consideration by JCURA. Budget limitations were firm, and the planning and design team conceived of an optimal arrangement that met lighting goals while keeping costs within capital budget and ongoing funding limits. The final arrangement consisted of Agency-owned lighting, as well as fixtures on existing power company poles. The process required a significant amount of survey work and many hours of analyzing and computation.

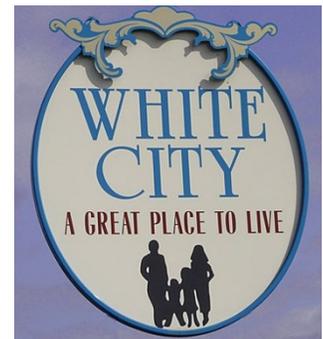
ArcSine made presentations to the public in Open House meetings, and was the liaison between the Agency and the power company.

ArcSine designed and specified the new street lighting and electric services, which was no small task in a retrofit situation where all streets, curbs, gutters, and utilities were existing. The project was split into multiple bid packages to be phased as budget permitted and in conjunction with other roadway projects. Considering the tremendous amount of effort that went into the project, the engineering costs amounted to only about \$300 per pole/fixture installed.

ArcSine provided comprehensive construction engineering support including: Contractor coordination; responding to Contractor's inquiries; submittal reviews; startup/testing support; and construction observation.

ArcSine's work also included development of detailed lighting standards, now published and in use by Jackson County for all Developer projects in White City. ArcSine designed lighting within several White City subdivisions, and as a service to the County reviewed submittals on other similar projects.

Electrical
Power Distribution
Lighting
Construction Services



White City Lighting Project Boundary

"Nice work with the estimates. The Owner was very happy with the results."

"The Jackson County Urban Renewal Agency's improvement and beautification of White City has been a huge success. ...you played an important role"

Bart Deming
Hardey Engineering & Associates, Inc.

