

PROJECT PORTFOLIO

**SOUTHWEST LIGHT RAIL TRANSIT PROJECT**

Hopkins, St. Louis Park and Minneapolis, Minnesota

owner: Metropolitan Council/Metro Transit
 project manager: Kimberly Proia, PE, Senior Project Manager
 303.927.8041
 kimberly.proia@aecom.com

construction cost: \$75 million

date started: 2012

date completed: 2014

PROJECT SCOPE:

Sowinski Sullivan (SSA) was the lead architect for the 30% design-build procurement of the Operations and Maintenance Facility on the Southwest Light Rail Transit line. This 15-mile line will serve the Twin Cities metro region as an integrated system of transit ways, connecting major activity centers to improve access and mobility to jobs and to attract choice riders. It will serve as a catalyst for land reuse and redevelopment along the corridor.

SSA analyzed potential site locations and developed design layouts for the construction of a two-story Operations and Maintenance Facility. The first floor features a four-track maintenance area with mezzanines and support spaces, a five-track LRV storage shed, a one-track sanding and wash bay, a tower entrance lobby, a series of shops for power, signal, communications and track, a four-bay systems maintenance garage, support areas, outdoor parking, and a series of shops for power, signal, communications, and track. The second floor houses the welfare and support spaces. The facility was designed to follow the Minnesota Sustainable Building 2030 Energy Standards. Other sustainable strategies that employed include: vegetative roofs, natural ventilation, daylighting, rain water harvesting, renewable energy resources, and heat recovery.

