

# Grand Rounds Scenic Byway Lighting Renovation

## Project Title

*Grand Rounds Scenic Byway Lighting Renovation*

## Project Location

*Grand Rounds Scenic Byway System in Minneapolis, Minnesota*

## Total Project Cost (all funding sources – all years – for all capital costs)

*\$15,000,000*

## Request for state funds in 2010

*\$2,000,000*

## Additional state funds to be requested for subsequent project costs/phases in 2012

*\$2,000,000*

## Additional state funds to be requested for subsequent project costs/phases in 2014

*\$2,000,000*

## Non-state funds available or to be contributed to the project (list the dollar amount and sources- federal, city, private or other)

Federal: \$0

City:

*City funds in 2005-2008 \$1,920,000*

*City future funding: \$9,000,000*

Other: \$0

## Project Description and rationale

*This project consists of the replacement of deteriorated poles, fixtures, and electrical wiring associated with the lighting systems in place along parkways throughout the City.*

*Much of the system is old and needs to be replaced or is in a state of disrepair. A majority of the lighting units utilize mercury vapor luminaires, which are approaching the end of their service life. These units will either need to be retrofitted or replaced since State Statutes (Section 216C.19 subd. 1) prohibits doing anything other than minor repair or removal of lighting units utilizing mercury vapor luminaires. It is anticipated that it will take \$15,000,000 (2009 dollars) in capital expenditure to replace the entire system of 1900 Park Board Scenic Byway lighting units and associated underground cabling on the 50+ miles of Parkways. The City has completed the replacement of approximately 12 miles of parkway lights. Funding within the operating budget for maintenance of these facilities is not adequate to cover the level of expenditure required to replace and renovate these existing deteriorated, aged and obsolete systems.*

## Regional Benefit

*The Grand Rounds Scenic Byways are visited by millions of people each year from all around the region and beyond. This project will replace a deteriorated lighting system that poses safety concerns with the frequency of light outages and equipment that has surpassed service life. The new lights are functionally more efficient with light output that provides greater visibility. This efficient lighting also provides a unique look on the Parkways that enhances the features of the parkway system as well as respecting the science and the practice of roadway lighting.*

**Identify total cost for each of the following:**

*Land Acquisition: \$0  
Pre-Design: \$0  
Design: \$750,000  
Construction: \$14,250,000*

**Project Schedule**

*This is an on-going Project where completion will be determined on the phases established by the funding request.*

*Phase 1  
Construction start in 2010  
Construction Complete in 2010*

*Phase 2  
Construction start in 2012  
Construction Complete in 2012*

*Phase 3  
Construction start in 2014  
Construction Complete in 2014*

**Project Contact**

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