

# LOREN'S PARK—CENTER CITY

## VEGETATED SWALE AND RAIN GARDEN

The City of Center City had an ongoing erosion issue at the entrance to Loren's Park on Grand Avenue. The entrance to the park is on a steep slope and the gravel driveway continually washed out when it rained. It caused a gully down the hillside into South Center Lake.

To correct the gully, the City of Center City paved the driveway and tipped it to the inside of the slope. The runoff collects along the inside curve of the road, where a curb guides it into a pretreatment chamber. The chamber collects leaves, twigs, and sediment. The filtered water then enters a vegetated swale. If the swale fills up, water overflows into a rain garden that is planted with native shrubs.



### Partners:

- Chisago Soil & Water Conservation District
- City of Center City
- Chisago Lakes Lake
- Improvement District

### Pollution Reduction:

- Total Suspended Solids (TSS): 6.19 ton/yr
- Total Phosphorus (TP): 5.26 lb/yr

### Targeted Water:

South Center Lake

### Completion Date:

June 2014

### May I Visit?

Yes – the park is open to the public during the summer months.

