

Minneapolis Storm Tunnel Management Plan

CNA specializes in developing management plans for tunnels and large-diameter pipelines which are useful in determining the condition and the value of the infrastructure. A unique inspection and data recording system is used to gather data that is then analyzed, evaluated and recorded in a condition assessment report. For the City of Minneapolis, CNA inspected, rated and evaluated over 16 miles of storm tunnels. CNA rated the structural condition of each tunnel segment for purposes of prioritizing maintenance, repairs and rehabilitation.



CNA also designs repair and rehabilitation methods for unlined and lined tunnels of concrete, reinforced concrete, masonry, block, tile, steel or other materials, constructed in soil or rock. CNA additionally provides alternative methods for repair and rehabilitation and their associated cost estimates.

Owner — City of Minneapolis, Rich Profaizer, 612-673-2421

Completion Date — 2004

Study Cost — \$300,000

CNA
Consulting
Engineers

2800 University Ave. SE
Minneapolis, MN 55414
Ph: (612) 379-8805
Fax: (612) 379-8160
E-mail: bkn@cnaengineers.com