

Elm Creek Interceptor, Phase II-MCES, Maple Grove, MN

CNA designed the new interceptor tunnel under Highway I-94 in Maple Grove, MN. The tunnel was 836 feet long, 42 inches in diameter, 50 feet deep and placed in soil. The Contractor was EJM Pipe Services, Inc. The tunnel was constructed using an Akkerman microtunneling machine and Hobas CCF pipe.



CNA was the tunneling consultant for the project and provided the following services:

- Tunneling design
- Geotechnical report including computer generated geologic)
- Construction monitoring

Owner — Metropolitan Council Environmental Services

Completion Date — 1999

Construction Cost — Approximately \$1 million

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