



D1 PRAHA – BRNO MOTORWAY

Vsechromi - Mirosovice Section - Czech Republic, 1995

PROJECT CHARACTERISTICS

Works: Widening from 4 to 6 lanes of a motorway open to traffic

Dimensions:

- overall length: 5.1 Km
- cross width: from existing 27 to 32.5 m

Project Costs: 10 million US \$

PROFESSIONAL SERVICES PERFORMED

Project review and project implementation study for tender

At the beginning of 1996, the Directorate of Motorways of the Czech Republic tendered the widening works of the section Vsechromi - Mirosovice of D1 Motorway Praha - Brno.

A construction staging of the widening works under traffic which would have allowed keeping the traffic always in its original lanes was proposed. 10 main construction steps were described and illustrated, sources of danger and ways to minimize the hazard were also suggested.

With the method suggested the construction would proceed separately on each carriage, at the same or at different time.

Specific solutions for embankments in reinforced soil, for repair of old pavement, for New Jersey barriers and noise barriers were recommended.

Suggestions were provided relevant to the best final cross section width, location of public utilities and lighting, and safety features.

