



Metro IV. C2 Ládvi - Letňany Stage

CLIENT

Dopravní podnik hl.m. Prahy a.s.

Prague 9, Sokolovská 217/42

CLIENT'S REPRESENTATIVE

Inženýring dopravních staveb a.s.

Prague 2, Na Moráni 3/360

ARCHITECT

Metroprojekt Praha a.s.

Prague 2, I. P. Pavlova 2/1796

CONSTRUCTION PERIOD 05/2004 – 05/2008

CONTRACT VALUE 10,980.0 mil. CZK

The metro IV. C2 stage, with Střížkov, Prosek and Letňany stations, is connected to the existing IV. C1 stage and extends the metro C line by 4.6 km. Stage IV of the C2 line begins behind Ládvi station by an excavated tunnel with extended shunt tracks and two through tracks, then it passes into an excavated two-track tunnel which is connected to a mined two-track tunnel. Before Střížkov station the mined tunnel passes into a short excavated stage.

The Střížkov cut-and-cover station with two side platforms consists of an open hall area with glass-panelled steel roofing. Continuing track stage proceeds with excavated two-track tunnel ending in Prosek station.

The Prosek Station, also excavated with side platforms, is fully below ground level. The fundamental vertical element dividing the internal space is the range of pillars going through the whole length of the station in the centre between underground tracks. Behind Prosek station there is an excavated stage of a two-track tunnel with engine room for the main ventilation. Then comes another mined two-track tunnel which is in front of terminal Letňany station connected to two short mined one-track tunnels ending in the station.

The terminal cut-and-cover Letňany station has an island-like platform connected to two sub-surface vestibules. A two-storey park-and-ride parking, with the capacity of 702 parking places, extensive Prague public transport and intercity bus terminal and also long distance lines to Central and Northern Bohemia regions, were also built on the surface near Letňany station.

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| Construction length IV. C2 Phase Ládvi – Letňany (incl. station and shunt tracks) | 4,602 m |
| Total length of mined stages (NATM) | 2,325 m |
| Total length of excavated stages | 2,277 m |

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|---------------------------|---------|
| Distance between stations | |
| Ládvi - Střížkov | 1,563 m |
| Střížkov - Prosek | 1,018 m |
| Prosek - Letňany | 1,839 m |

