



NEURON CONSULT ZT
PELIKANSTR.18, 4061 LINZ-PASCHING, AUSTRIA

BRIDGE OVER MURA RIVER NEAR ST.MARTIN, CROATIA **REGIONAL ROAD BETWEEN ST.MARTIN (CROATIA) – HOTIZA (SLOVENIA)**

OWNER: CROATIAN ROADS, HC DOO



LOCATION



VIEW TO THE BRIDGE FROM CROATIAN EAST SIDE

PROJECT DESCRIPTION

THE BRIDGE OVER MURA RIVER HAS BEEN DESIGNED AS A COMPOSITE STRUCTURE OVER 3 SPANS WITH THE ENTIRE BRIDGE LENGTH OF 105 M. IT IS SITUATED IN THE VICINITY OF BORDER BETWEEN CROATIA AND SLOVENIA ON THE ROAD BETWEEN HOTIZA AND ST.MARTIN. EFFECTIVE BRIDGE WIDTH IS 8.80 M WITH 2 LANES FOR ROAD TRAFFIC AND FOR PEDESTRIANS DUE TO THE VICINITY OF BORDER TO SLOVENIA. BRIDGE SPANS OF 32.5 – 42.0 – 32.5 M ARE STRETCHING OVER 2 MASSIVE CONCRETE COLUMNS STAYING ON THE FOUNDATION PLATE OVER BORED PILES. COMPOSITE SUPERSTRUCTURE IS DESIGNED WITH TWO MAIN STEEL CONTINUOUS GIRDERS CONNECTED WITH CROSS BEAMS AND CONCRETE PLATE.

SERVICES PROVIDED

TENDER DESIGN, PRELIMINARY AND FINAL DESIGN WITH NUMERICAL ANALYSIS AND DIMENSIONING. COST ESTIMATION WITH THE STRUCTURAL OPTIMIZATION AND COMPARISON WITH OTHER CROSSING VARIANTS.

PERIOD OF WORK: 08/2003 -06/2006

Most čez Muro



BRIDGE LOCATION



VIEW TO THE BRIDGE COLUMN ON THE SIDE OF ST.MARTIN



VIEW FROM SLOVENIAN SIDE, FROM NORTH