



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

BRIDGE OVER SPACVA RIVER NEAR LIPOVAC, CROATIA **STATE ROAD D-57 FROM LIPOVAC TO APSEVCI**

OWNER: CROATIAN ROADS, HC DOO



LOCATION



VIEW TO TEMPORARY LAUNCHING PIERS AND OLD BRIDGE

PROJECT DESCRIPTION

THE BRIDGE OVER SPACVA RIVER HAS BEEN DESIGNED AS A STEEL "LANGER"-GIRDER BRIDGE STRUCTURE OVER 1 SPAN WITH THE SPAN OF 80.0 M AND THE ENTIRE BRIDGE LENGTH OF 94.40 M. IT IS SITUATED IN THE VICINITY OF BORDER TO SERBIA AND LOCATED ON THE STATE ROAD D57 BETWEEN LIPOVAC AND APSEVCI. EFFECTIVE BRIDGE WIDTH IS 12.31 M WITH 2 LANES FOR ROAD TRAFFIC AND LANES FOR PEDESTRIANS. BRIDGE SPAN OF 80.0 M IS STRETCHING OVER SPACVA RIVER AND LAYING ON 2 MASSIVE ABUTMENTS FOUNDED ON BORED PILES. MAIN STEEL "LANGER" GIRDERS IS CONNECTED WITH STEEL CROSS BEAMS.

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: 10/2004 -08/2006



SUPERSTRUCTURE WITH FENCE



VIEW TO BRIDGE FROM SOUTH - WEST



VIEW ALONG THE BRIDGE