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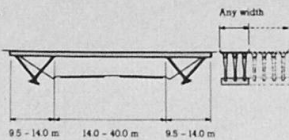
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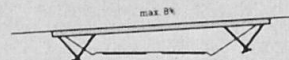
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STANDARD PRECAST OVERCROSSINGS SWISS NATIONAL HIGHWAY SYSTEM

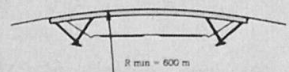
RANGE OF APPLICATIONS



Clear spans and widths



Longitudinal slopes



Crest vertical curves

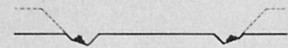


Skewed bridges

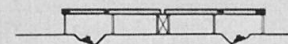


Curved bridges

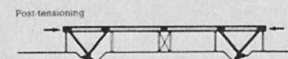
METHOD OF ASSEMBLY



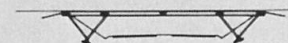
Excavation and pouring of the foundations



Erection of the precast, prestressed box girders



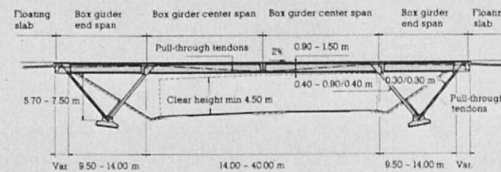
Assembly of the V-supports and pulling through of the prestressing wires or strands
Filling of the joints and post-tensioning



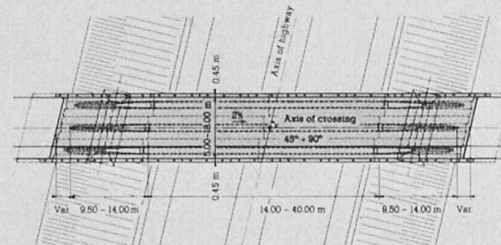
Back-fill and concreting of the floating slabs

Construction duration on site: 6 weeks

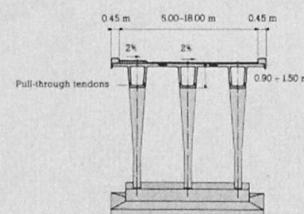
PROJECT DESIGN



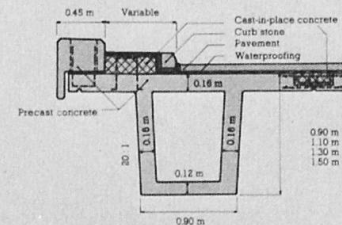
Longitudinal section



Plan view

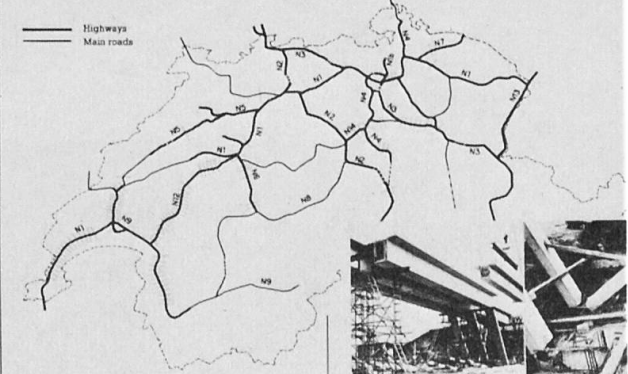


Cross section



Detail box girder at edge with side walk

EXECUTED PROJECTS IN SWITZERLAND TOTAL: 104 OVERCROSSINGS



General coordination: Swiss Federal Office of Highways
Owners: Highway Departments of the Cantons
Engineer: **SCALCER & PARTNERS**
P.O. Box 88
8053 ZÜRICH/SWITZERLAND

