



Project Fact Sheet

I/50 – Handlová centre bypass



PROJECT

Project	I/50 Handlová – centre bypass, bridge SO201-10
Employer	SSC Bratislava, IvaSC Žilina
Date on Installation	15/02/2010–19/02/2010 and 24/04/2010, total 6 days
Designer	ISPO Prešov s.r.o.
Contractor	Strabag s.r.o.
Scope	Construction of the only bridge on the 541m long bypass of the city centre

FACT FILE

Structure	Precast box structure OC 5,0m x 2,6
Span	5,0m (clear)
Height	2,6m (clear)
Length	55m (22 rings by 2,5m)

REQUIREMENTS

- The need for quick installation with minimal impact of site pollution (sound + dust) to nearby housing zone
- Lowering risks compare to in-situ procedure, installation in winter period
- Complex solution required including for wingwalls and edge beams

SOLUTION

- Precast ABM system installed onto in-situ foundation deck
- Use of precast wingwalls and edge beams to maximize the speed of construction
- 4 openings dia 600mm in the structure to allow connection of local drains
- Installation in two phases to allow coordinate with site progress



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