



CYCLING AND PEDESTRIAN UNDERPASS IN MERANO (BZ) - 2012

CLIENT
COMUNITÀ COMPRESORIALE BURGRAVIATO

PROJECT NAME
Construction of the "Sinigo-Postal_Tratto B" cycle path by railway Box Jacking and Verona System temporary bridges for track support.

YEAR
2012

LOCATION
MERANO (BZ), Italia

DESCRIPTION:
Construction of the "Sinigo-Postal_Tratto B" cycle path by Box Jacking the railway underpass under the reinforced tracks with temporary bridges.
The track support structure created with the Verona System is suitable to allow a train transit speed of up to 80 km/h during the Box Jacking operations with hydraulic jacks under the railway.

- LAUNCH TYPE
- Open pit
 - Partial diversion
 - Tunnel
 - Temporary bridges

TRAVEL DISTANCE
25,71 m

JACKING AVG. PRODUCTION
N/D

BOXES SIZE

- Base: 5,80 m
- Height: 4,60 m
- Length: 23,71 m

BOX WEIGHT
400 ton - 881 Kips

SHUTDOWN DURATION
No shutdown

- EXCAVATION TYPOLOGY
- from the inside
 - from the outside

DRAWINGS

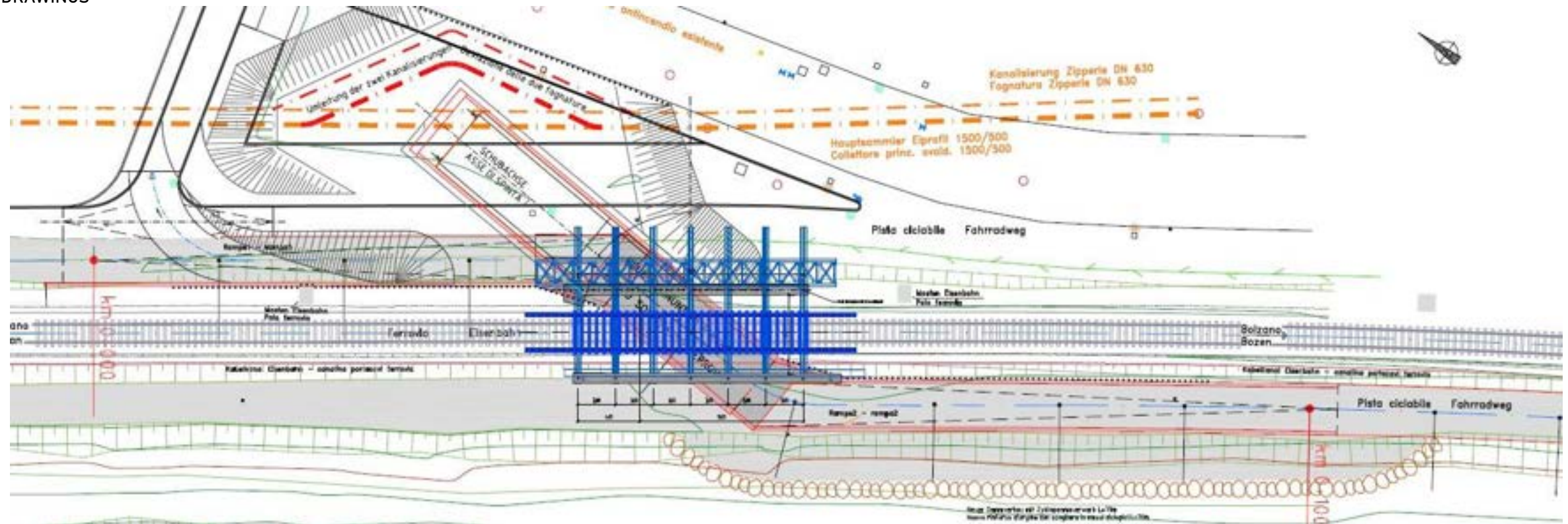


Figure 1 - Project plan

PICTURES



Figure 2 - Verona System installed on tracks



Figure 3 - Box Jacking



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PICTURES



Figure 4 - Verona System



Figure 5 - Active train traffic on Verona System installed



Figure 6 - Transverse beams



Figure 7 - Transverse beams