

## CERVIGNANO – OPERA 2 – 2014

CLIENT  
Autostrade SPA

PROJECT NAME  
CERVIGNANO ADRIASTRADE COLETTO

YEAR  
2014

LOCATION  
Cervignano del Friuli (UD), Italy

DESCRIPTION:  
WORK 2: new railway crossing under the  
Cervignano - Udine railway line

LAUNCH TYPE

- Open pit
- Partial diversion
- Tunnel
- Temporary bridges and support systems for railway switches

TRAVEL DISTANCE  
37.78 m - 123' 11"

JACKING AVG. PRODUCTION  
N/D

BOXES SIZE

- Base: 19.24 m - 63' 1"
- Height: 14.10 m - 46' 3"
- Length: 20.80 m - 68' 2"

BOX WEIGHT  
3300 ton - 7275 Kips

SHUTDOWN DURATION  
0 days

EXCAVATION TYPOLOGY

- from the inside
- from the outside

### DRAWINGS

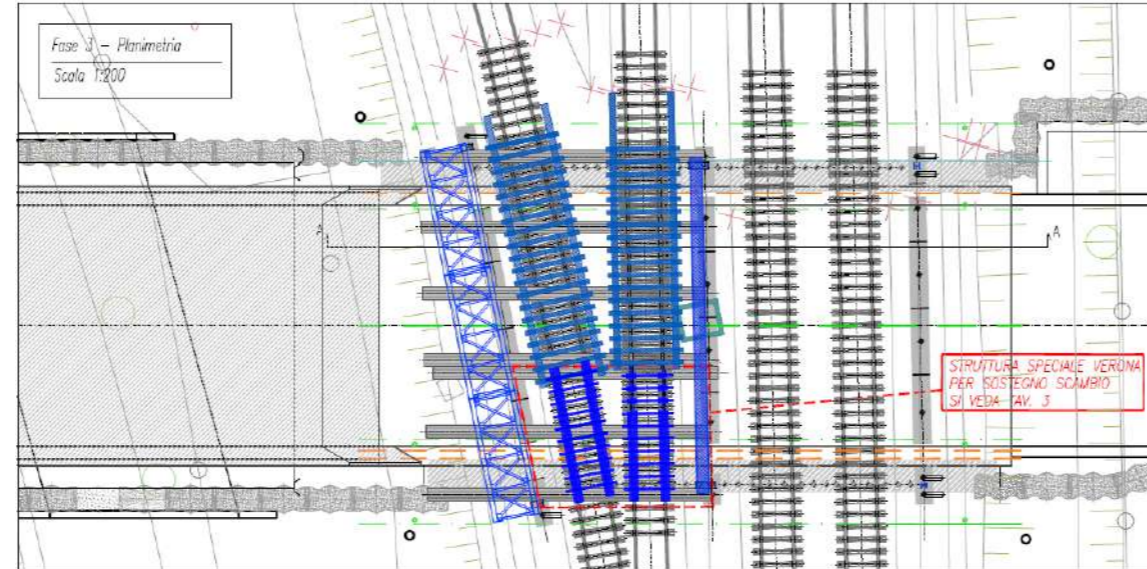


Figure 1 - Project plan

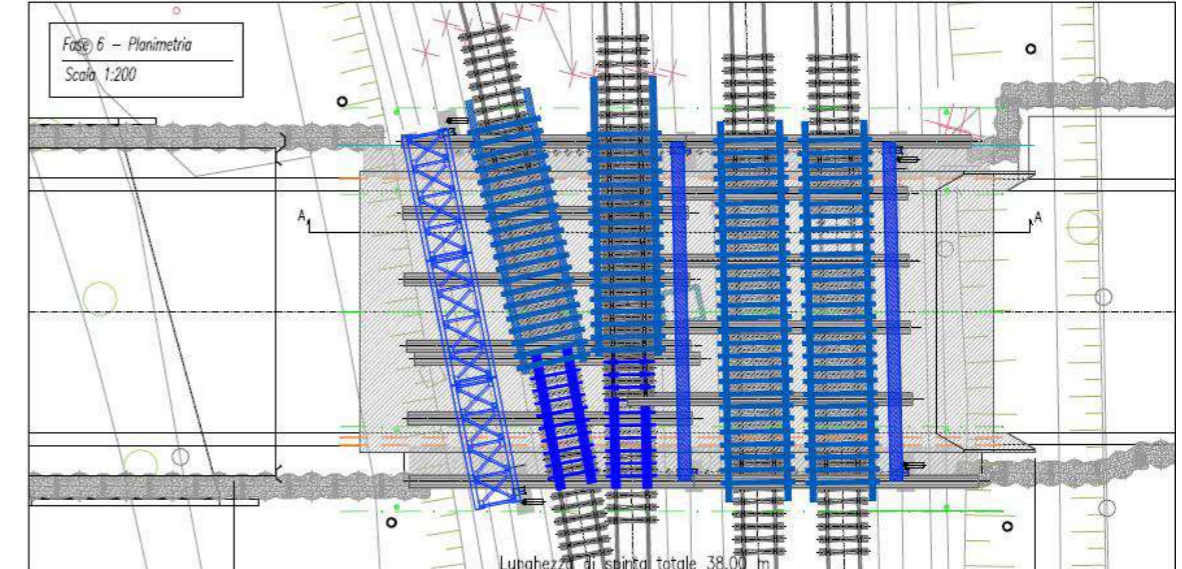


Figure 2 - Project final phase

### PICTURES



Figure 3 - Verona System Temporary Bridges installed on active tracks



Figure 4 - Active traffic flow during Box Jacking works which shows the great difference in height between the tracks



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### PICTURES



Figure 5 - Verona System installed on tracks that are placed at different levels



Figure 6 - Box pushed under Verona System



Figure 7 - View from above of the spacers of the Box Jacking system



Figure 8 - Box jacking process final phases