

BOLOGNA STATION - 2010

CLIENT
ITALFERR

PROJECT NAME
BOLOGNA STATION - ASTALDI

YEAR
2010

LOCATION
Bologna (Italy)

DESCRIPTION:
Construction of the underpass connecting
the north-south axis of the Bologna station

LAUNCH TYPE
 Open pit
 Partial diversion
 Tunnel
 Temporary bridges

TRAVEL DISTANCE
120.00 m - 393' 8"

JACKING AVG. PRODUCTION
N/D

BOXES SIZE
- Base: 17.80 m - 58' 4"
- Height: 9.20 m - 30' 2"
- Length: 117.00 m - 383' 10" (divided in 4 segments)

BOX WEIGHT
18000 ton - 36000 Kips

SHUTDOWN DURATION
0 days

EXCAVATION TYPOLOGY
 from the inside
 from the outside

DRAWINGS

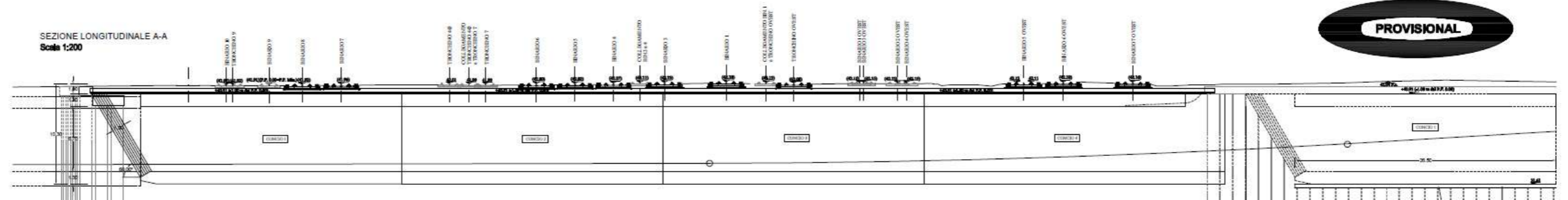


Figure 1 - Project plan

PICTURES



Figure 2 - Boxes In construction



Figure 3 - Jacking of Box 1

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PICTURES



Figure 4 - Box 2 approaching Box 1



Figure 5 - Lateral Box Jacking of the last segment



Figure 6 - View of the front nose from the inside of Box 1



Figure 7 - Completion of jacking process