



TUNNEL DES NATIONS - LOS 1 + LOS 2 **GENEVA (CH)**

EMPLOYER

République et canton de Genève; DETA / DGGC,
CH-1213 Petit-Lancy

DESIGNER

Groupement NATIF, p/a T-Ingénierie; CH-1211 Genève

TIME OF COMPLETION

09.2017 - 07.2022

CONTRACT SUM

CHF 66 Mio.

EXECUTION OF THE WORK

Groupement Tunnel Nations

CONSORTIUM PARTNERS

Marti Construction SA, CH-1217 Meyrin
Marti Tunnel AG, CH-3302 Moosseedorf

LEAD COMPANY

Marti Construction SA, CH-1217 Meyrin

TECHNICAL AND COMMERCIAL LEAD

Marti Tunnel AG, CH-3302 Moosseedorf

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SCOPE OF THE WORKS

Underground motorway junction joining the airport with the Palais des Nations.

ACTIVITIES

- Tunnel L = 490 m
- Reduction of the groundwater table by filter wells over the entire length of the section
- Excavation in soft ground in divided section (foot galleries, cap, stross and invert)
- Umbrella vault and front anchors as a stabilization measure
- Hangers and sprayed concrete as support
- Waterproofing and inner ring in reinforced concrete
- Excavation 50'000 m³
- Pipe umbrella 30'000 m
- Shotcrete 11'500 m³
- Rock support steel 900 t
- Face bolting 45'000 m
- Concrete inner lining 20'000 m³
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- Cut and Cover trench L = 380 m
- Earthworks 150'000 m³
- Backfilling 30'000 m³
- Shotcrete and bolts 2'000 m²
- Bored piles 1'000 m
- Concrete 21'500 m³
- Reinforcement 3'000 t
- Roadworks 900 m

GEOLOGY

- Sédiments d'argiles et de sable
- Couches 7a et 9a (Classification genevoise)



03.08.2021

