

Reference List Monorails



Straddled Monorail, CN

- Prototype vehicle
- System data design
- Design of the bogie and gearbox, engineering of the brake, propulsion and suspension systems
- Dynamic simulation
- Verification
- Component specifications
- Documentation



Monorail Doha, QA

- 6'000 pphpd
- 2 trains consisting of 5 cars
- 0.5 km long, 2 stations
- System data design
- Engineering of bogies



Monorail Indianapolis, US

- 3'600 pphpd
- 2 trains consisting of 3 cars
- 2.25 km long, 3 stations
- System data design
- Engineering and supply of bogies, pneumatics and hydraulic equipment
- Calculations
- Manufacturing drawings and parts lists
- Documentation



Monorail Moscow, RU

- 5'000 pphpd
- 5 trains consisting of 6 cars
- 4.7 km long, 6 stations
- System data design
- Engineering of bogies
- Calculations
- Manufacturing drawings and parts lists
- Documentation

Reference List Monorails



Monorail Shenzhen, CN

- 3'000 pphpd
- 2 trains consisting of 3 cars
- 3.9 km long, 5 stations
- System data design
- Engineering of bogies
- Calculations
- Manufacturing drawings and parts lists
- Documentation

Other systems:



Expo Vancouver, CA
3'000 pphpd



Seaworld, AU
1'500 pphpd



Sydney, AU
5'000 pphpd



Expo Brisbane, AU
3'600 pphpd



Dallas-Zoo, US
1'000 pphpd



Waikoloa, US
1'000 pphpd



Broadbeach, AU
2'570 pphpd



Merry Hill, GB
3'600 pphpd



Expo Sevilla, ES
4'300 pphpd



Jurong Bird Park, SG
1'000 pphpd



Newark, US
5'000 pphpd



Other monorail systems
Bogie and system data design

pphd = people per hour per direction