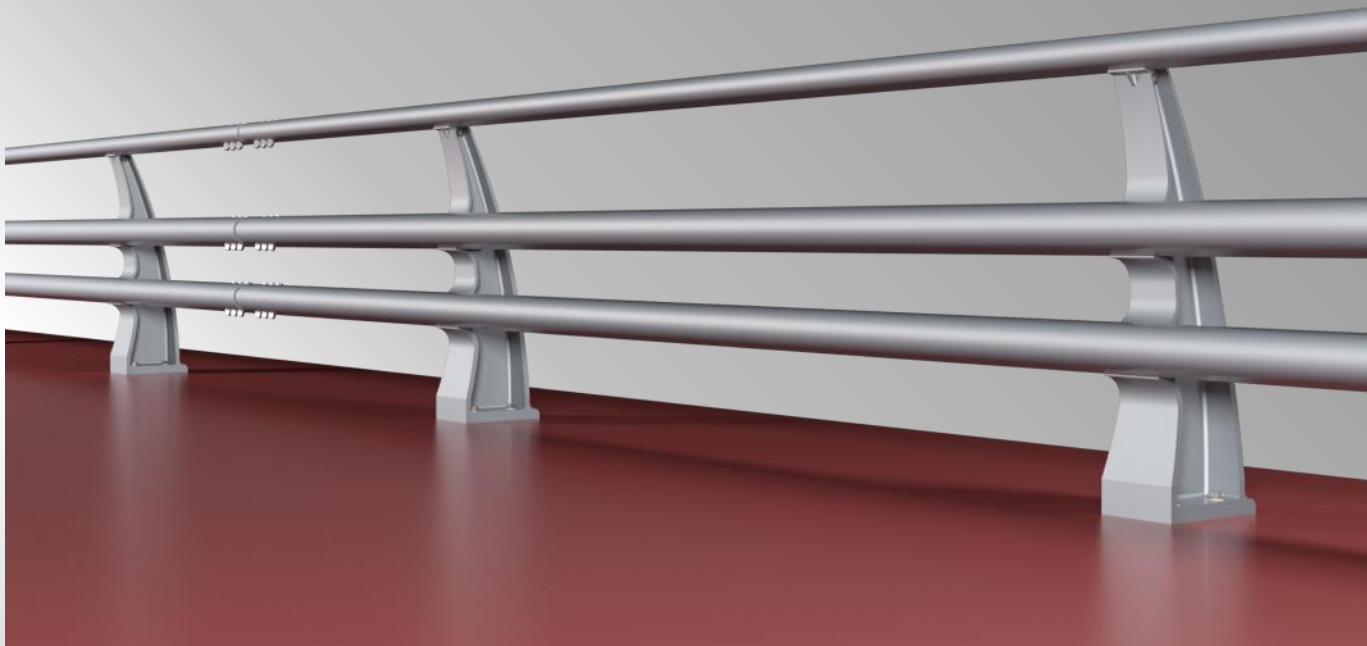


OBEX CURVE TL4

Aluminium bridge parapet - 1,1 m high

Tested and certified according to NCHRP 350



OBEX Systems Ltd.

Vehicle containment specialist for
a global market.

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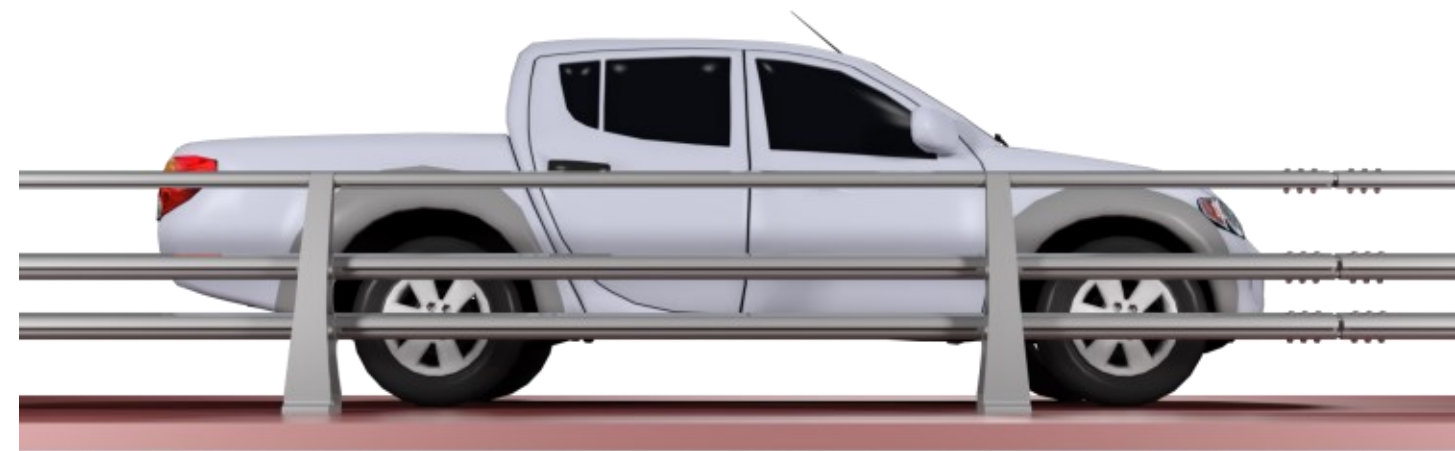
OBEX CURVE 3.0B

Aluminium bridge parapet class TL4

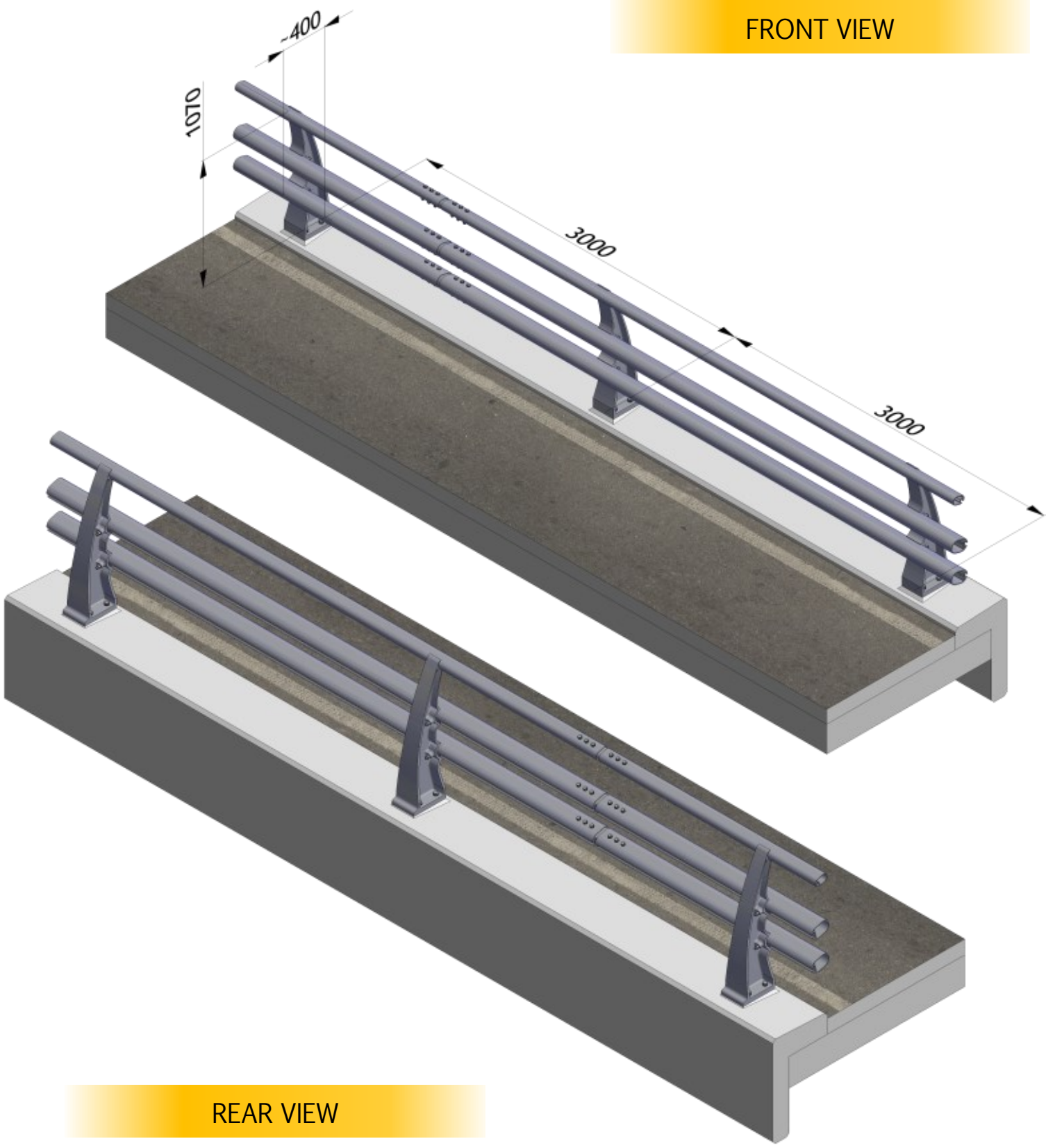
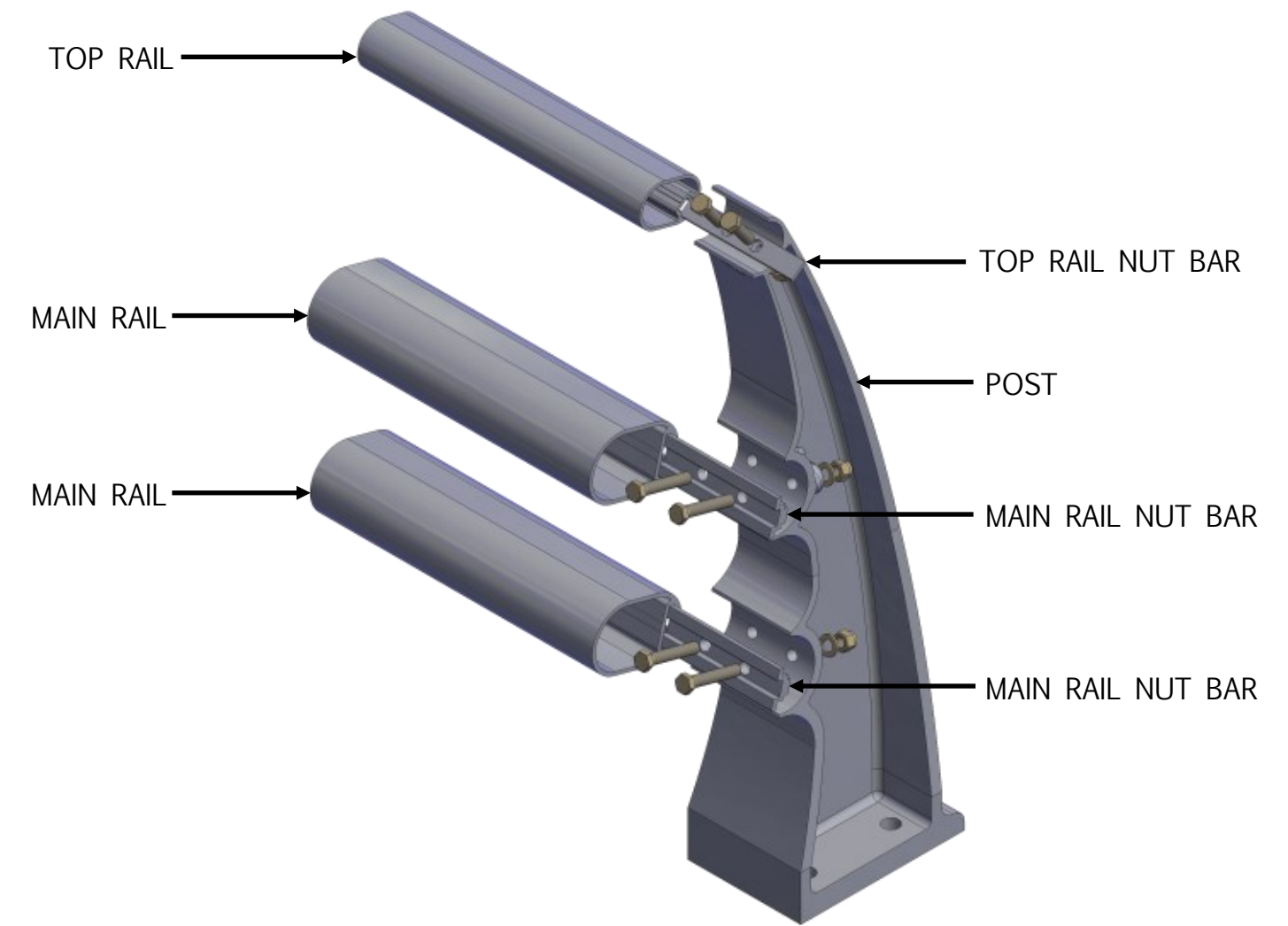


OBEX CURVE 3.0B

Aluminium bridge parapet class TL4

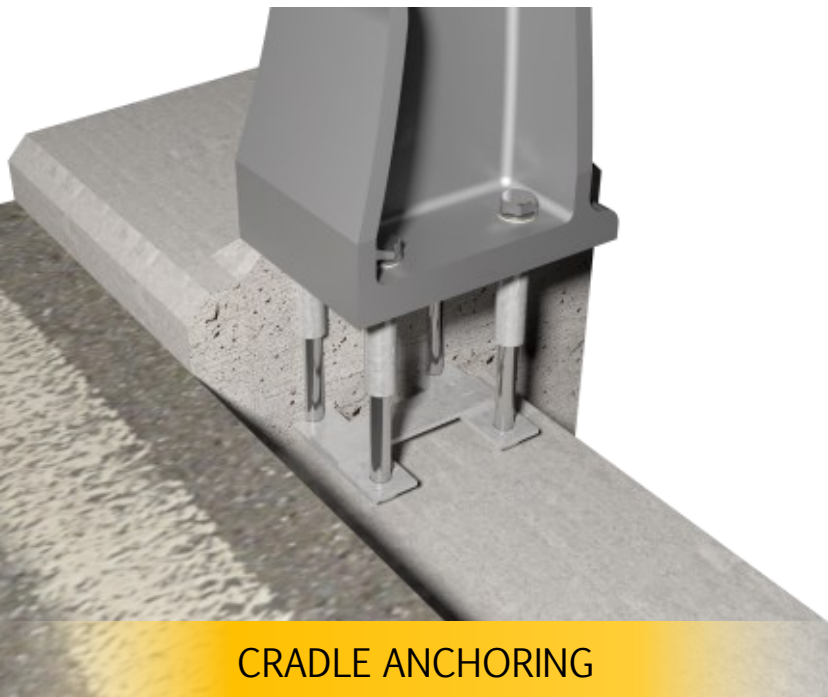


ASSEMBLY VIEW



OBEX CURVE 3.0B

Aluminium bridge parapet class TL4



CRADLE ANCHORING

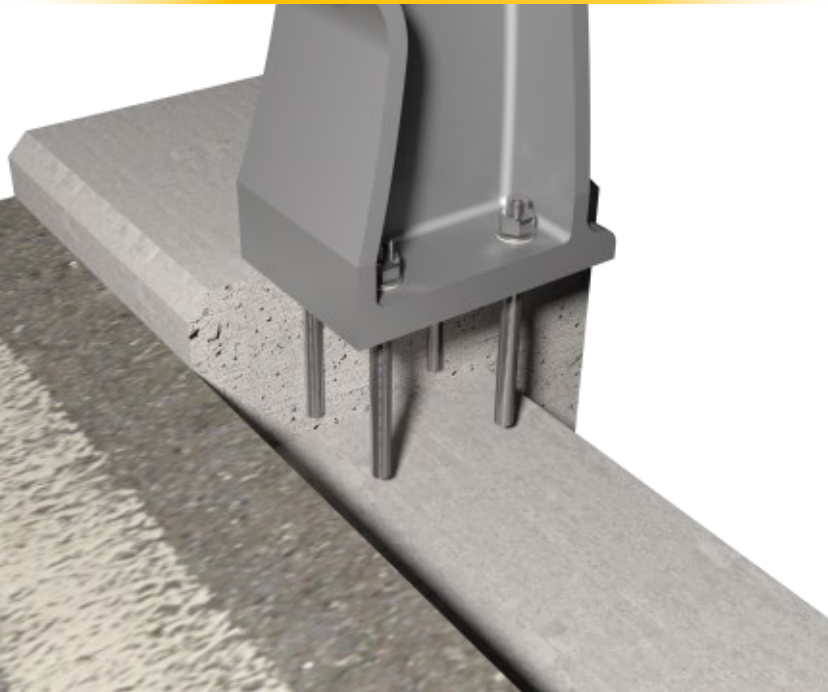


EXPANSION JOINT



MODULAR TERMINAL FOR CURVE

THREADED BAR ANCHORING



TRANSITION WITH CONCRETE WALL

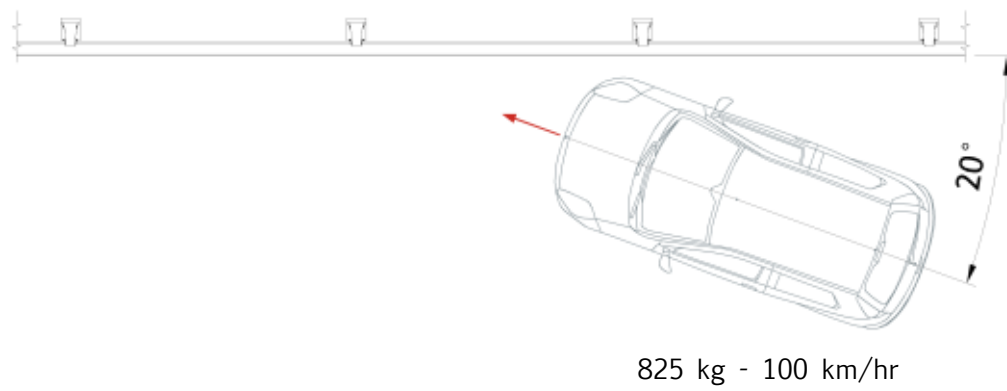


TRANSITION WITH 2 WAVE BEAM

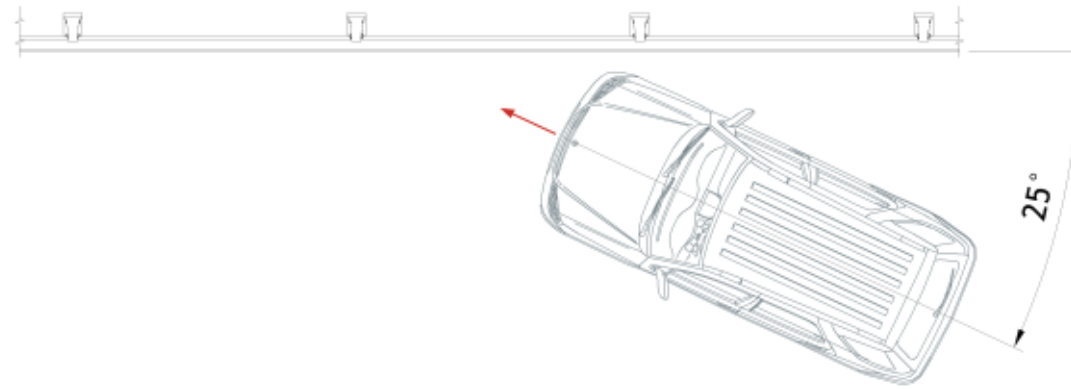


VEHICLE IMPACT TEST (NCHRP 350)

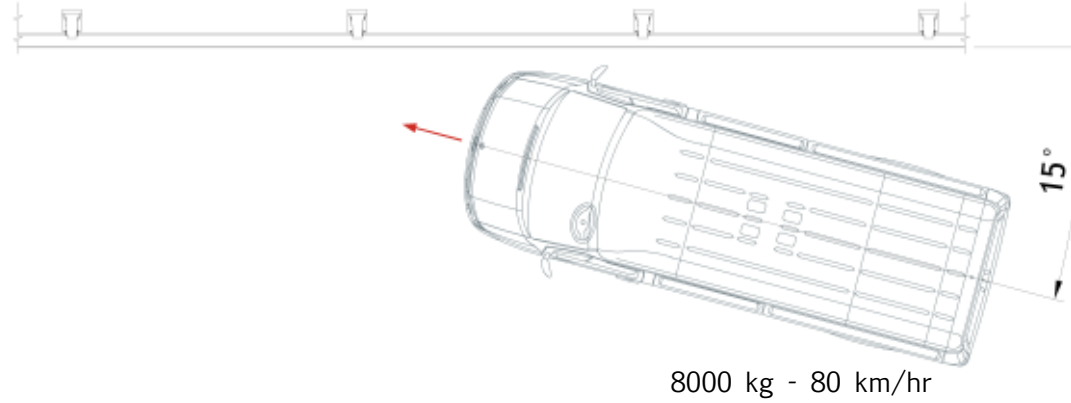
Test 4-10



Test 4-11



Test 4-12

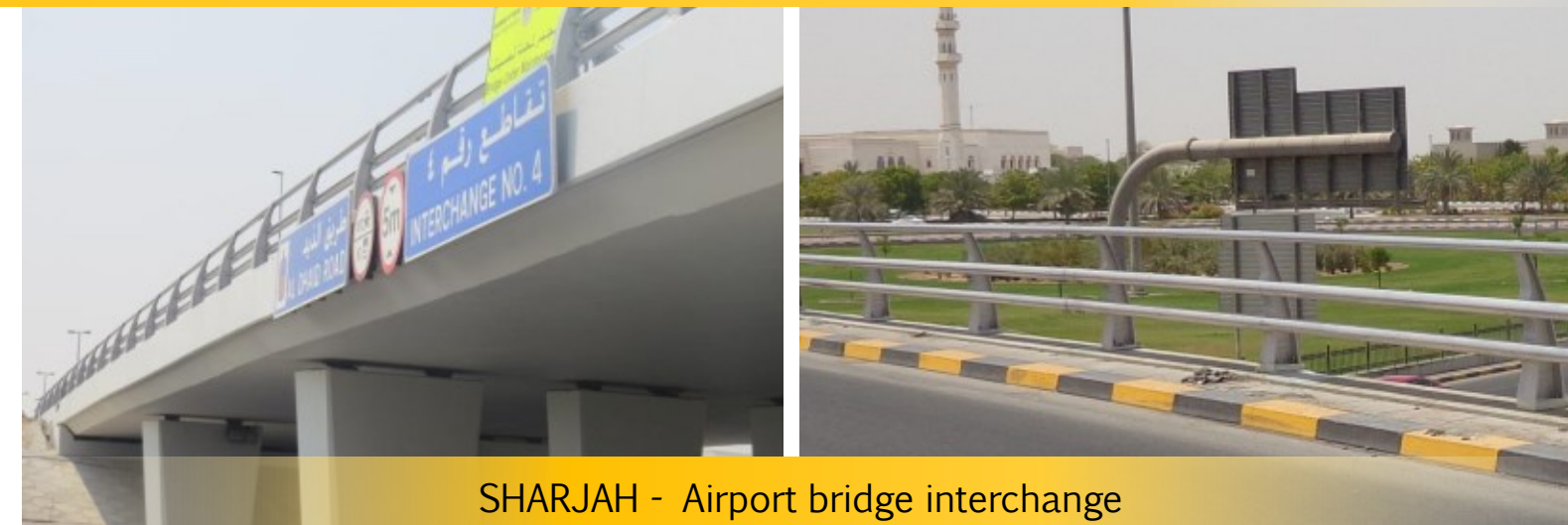


INSTALLATIONS



DUBAI - Downtown trolley system

INSTALLATIONS



SHARJAH - Airport bridge interchange

OBEX CURVE 3.0B

Aluminium bridge parapet class TL4

PERFORMANCE - TL4 (NCHRP 350)

Test code	Impact Speed	Vehicle Mass	Impact test acceptance criteria	Working width	Severity index Occupant risk value Impact velocity	Severity index Ridedown acceleration
4-10	100 km/hr	825 kg	A, B, F, K, M	0,4 m	X=6,1 m/s Y=8,0 m/s	X=14,6 g Y=10,9 g
4-11	100 km/hr	2000 kg	A, B, F, K, M	0,7 m	X=4,8 m/s Y=7,0 m/s	X=9,3 g Y=14,3 g
4-12	80 km/hr	8000 kg	A, B, F, K, M	0,8 m	-	-

- **High containment** performance with **excellent aesthetics**.
- The OBEX Curve aluminium parapet range tested in accordance with **NCHRP 350**.
- **TL4** – 1.090m high – **3 rail** – tested with **3m post spacing**. **TL3** – 0.9m high – **2 rail** for soil applications tested at **3m spacing**.
- Selection of **transitions** and **end terminal** solutions.
- All **standard** and **expansion joints** are fully strengthened and secured with **bolted fixings**.
- Standard components are used throughout all containment levels allowing for **efficient stock management** and **transitions between systems**.
- **Aluminium Alloy** type 6082 T6 is used for all rail and joint components.
- **Alloy A444.0 T4** is used for cast posts providing high level impact properties.
- **Excellent corrosion resistance**, maintenance free and lower whole life costs.
- **Minimal load transfer to the bridge deck** on impact allowing for efficient plinth design and flexibility for upgrading works on existing decks.
- **Anodised** and **powder coat** finishes available.



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