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# ADVANCING RAIL IN INDIA

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**Furrer+Frey®**  
Overhead contact lines





DMRC Magenta Line (Line-8) has been equipped with Furrer+Frey Single Insulator Cantilever (SIC) system, making it India's first for this innovative system.

#### Advantages

- + Land and leave installation
- + Reduced electrical footprint
- + Modular construction with small number of components
- + Designed and tested for 225km/h line speed

#### Rigid Conductor-rail for Tunnels

Furrer+Frey Rigid Overhead Conductor-rail System (ROCS) has enabled electrification of major MRTS Tunnels in India, including:

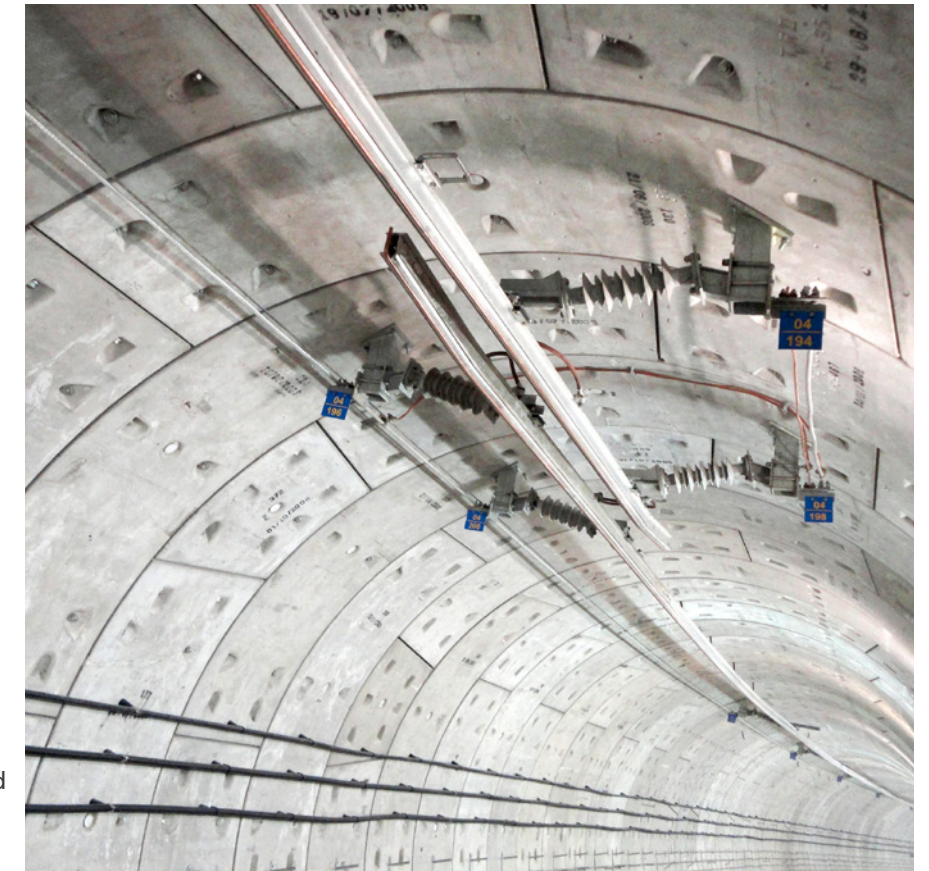
- + Delhi Metro Line 2 / Yellow Line (Phase 2)
- + Delhi Metro Line 6 / Vojent Line (Phase 2)
- + Dwarka Sec.21 Extension of Blue Line
- + Delhi Metro Line 8 / Magenta Line (Phase 3)
- + Ballabgarh Station
- + Lucknow Metro Underground section including CCS International Airport

World's first neutral section on conductor-rail system in an underground metro system was installed by Furrer+Frey on DMRC Line-2 and has been in successful operating since 2010.

#### Retractable Conductor-rail for Depots

Furrer+Frey have equipped DMRC and LMRC Depots with their innovative retractable conductor rail system which makes working in depot safer and provide obstruction free access to train roof.

India's  
First Retractable  
OLE





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For more information contact  
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