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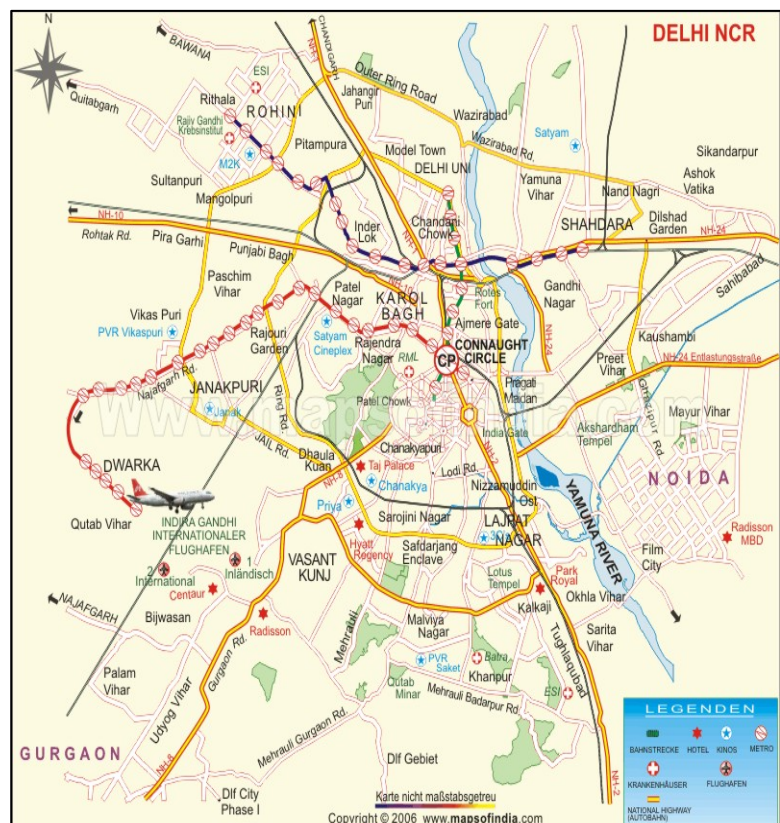
Project:

Slab Track

Delhi Metro  
Airport Express  
Line  
DAMEL Project

Basic Design,  
Structural  
Calculations and  
Detailed Design  
of Slab Track  
'RHEDA 2000'  
System

2009 -2010



**Delhi Metro Airport Express Line  
DAMEL Project दिल्ली मेट्रो Dillī Mēṭro**

New Delhi: The Airport Express Line, of Delhi Metro, that connects the 24.2-kilometre stretch between Connaught Place and Indira Gandhi International Airport (IGI) is set to open in January 2011.



*Double Track in Transition Area from Tunnel to Viaduct.*

The Capital to City Airport Terminals (CATs) will enable fast transit to the airport – complete with baggage check-in, issue of boarding pass, and a high-speed train to the airport.



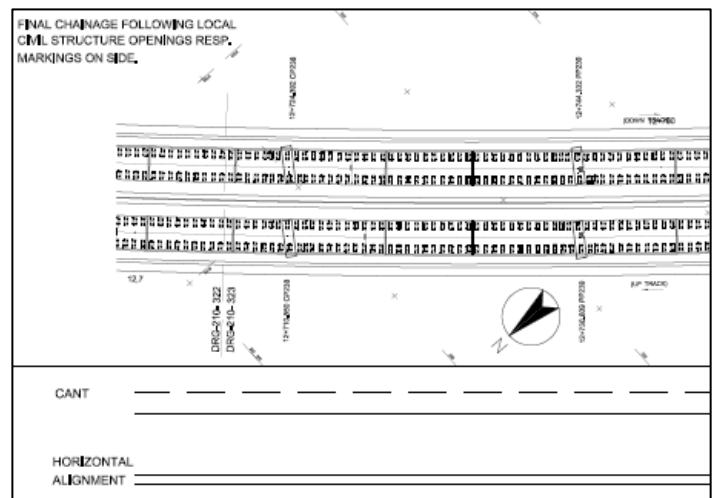
*Double Track Tunnel Section*

The Office J. Radermacher GmbH was charged to perform the Basic Design with system calculation and Detailed Design including the manufacturing and installation drawings (formwork and reinforcement drawings) for this track work project in slab track in tunnel and on viaduct.



*Tunnel Construction Site*

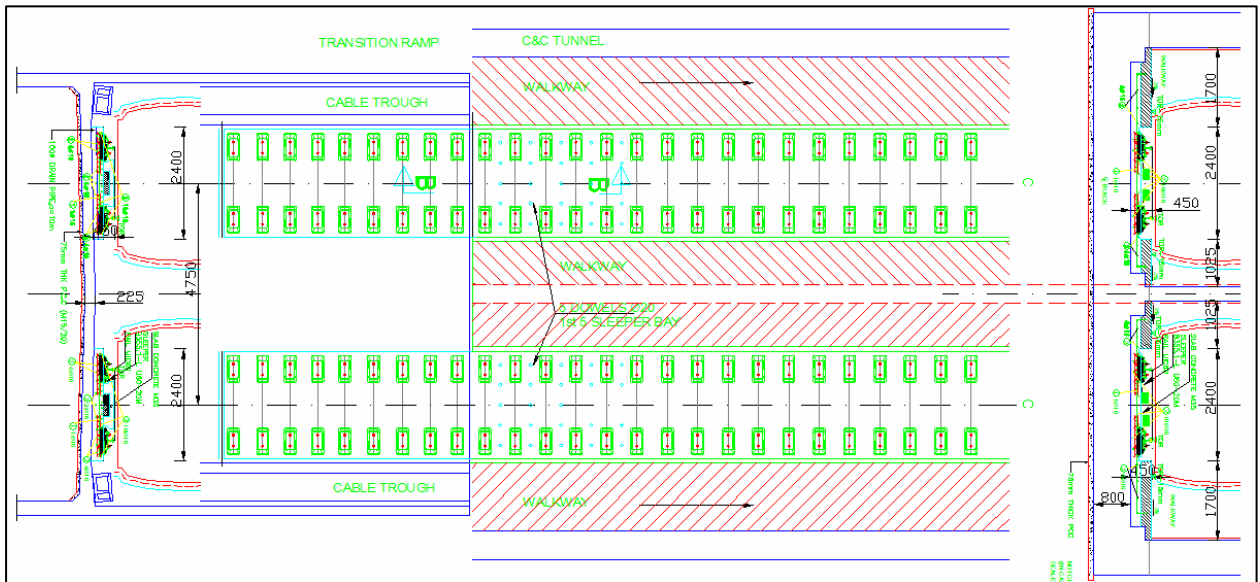
The project consists of 22 km double track line. The mainline is constructed in app. 9 km tunnel and on app. 13 km viaduct.



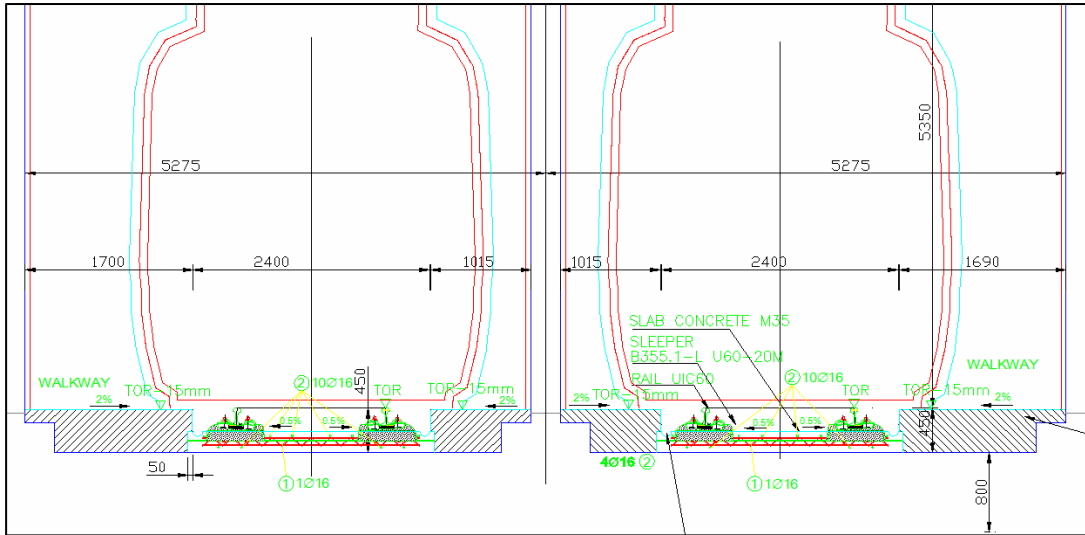
*Excerpt of Layout Drawing Scale 1:100*



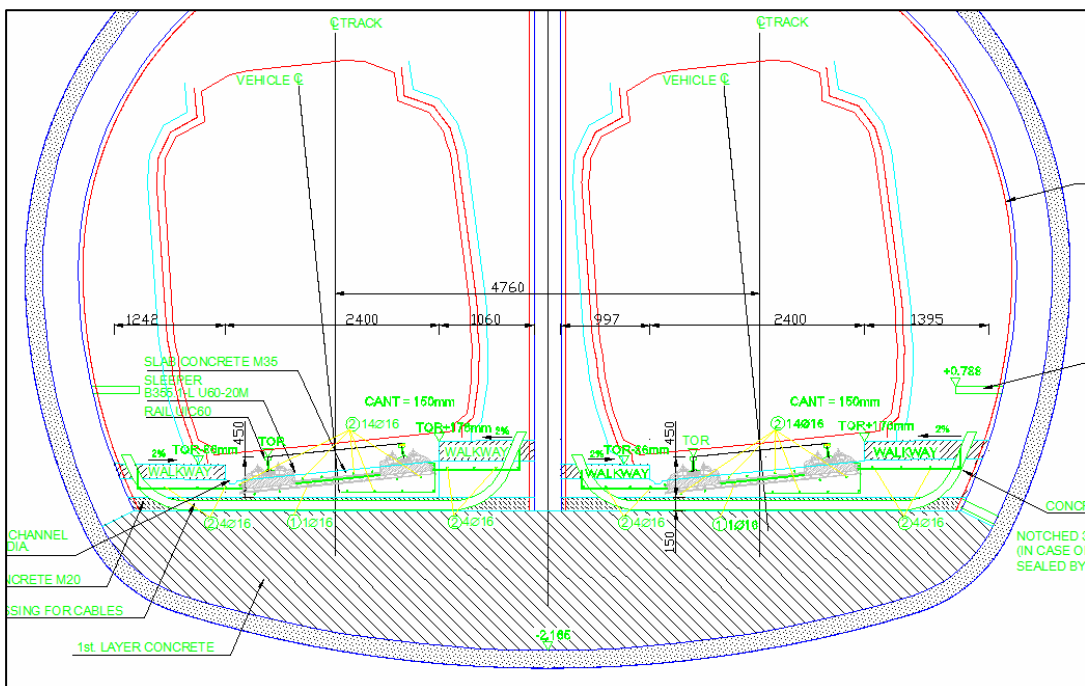
*DAMEL Project Double Track on Viaduct during construction phase*



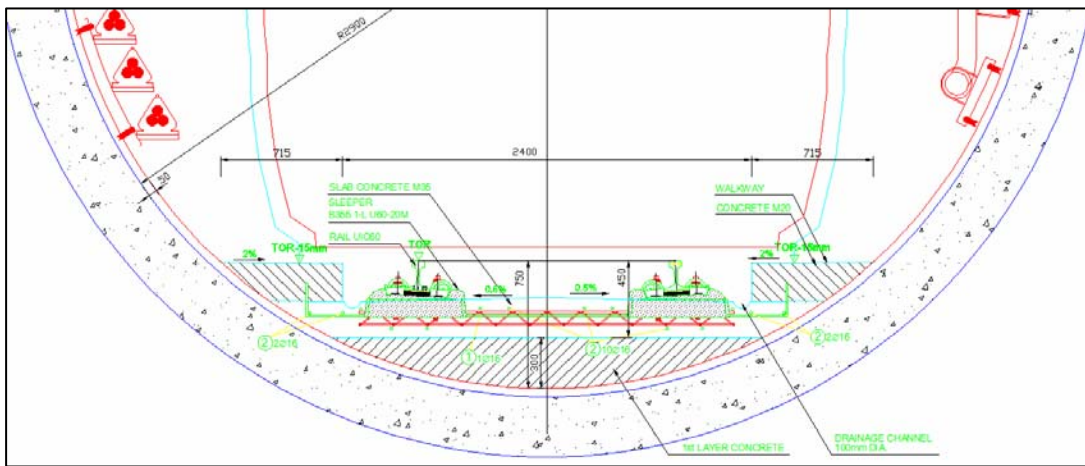
*Transition Tunnel – Ramp to Viaduct*



**DAMEL Project Double Cross Section in Cut and Cover Tunnel**



**DAMEL Project Canted Track in NATM-Tunnel**



**DAMEL Project Single Track in Bored Tunnel**