

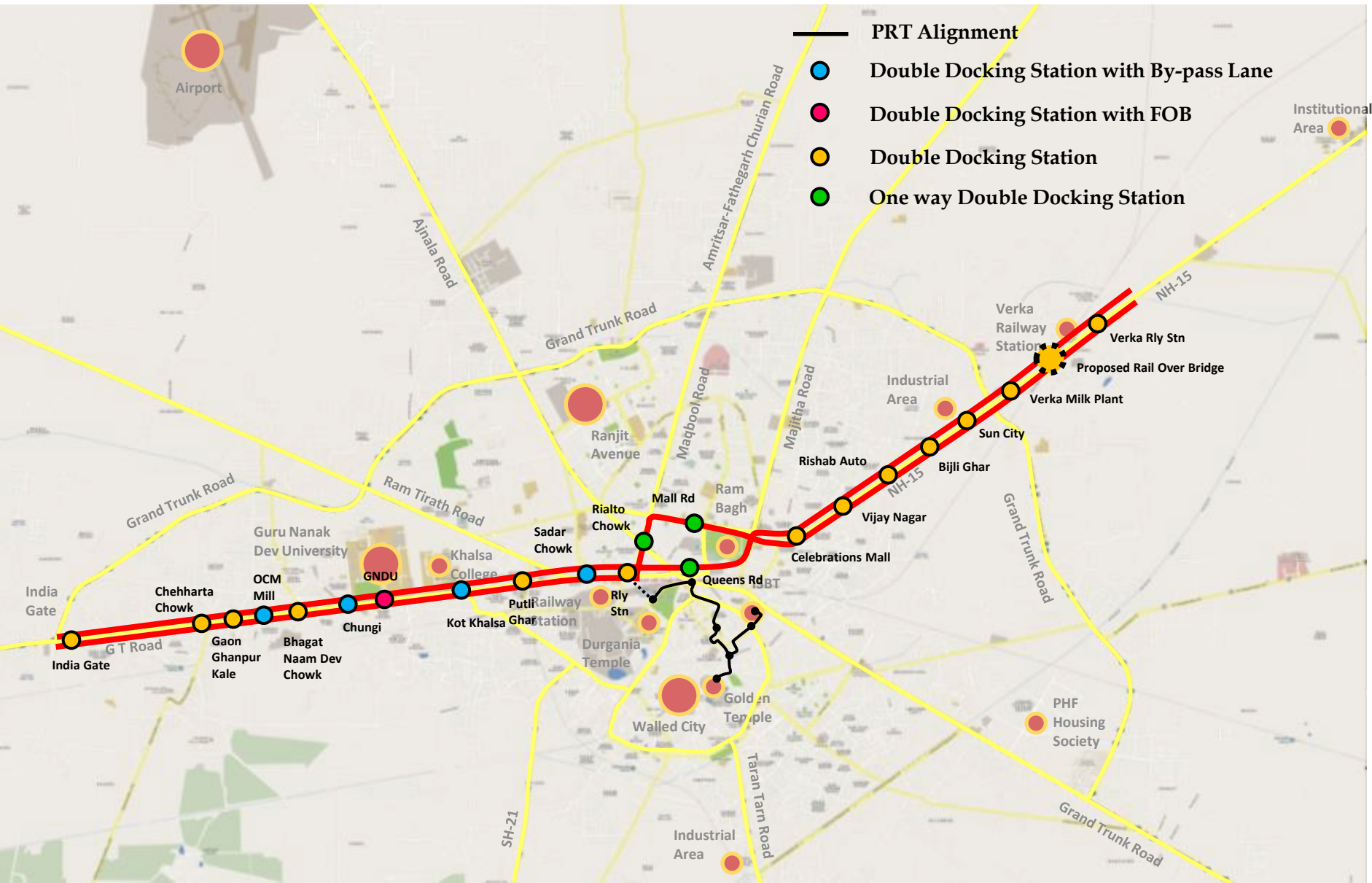
**Mass Rapid Transit System for  
State of Punjab  
(Amritsar City)**

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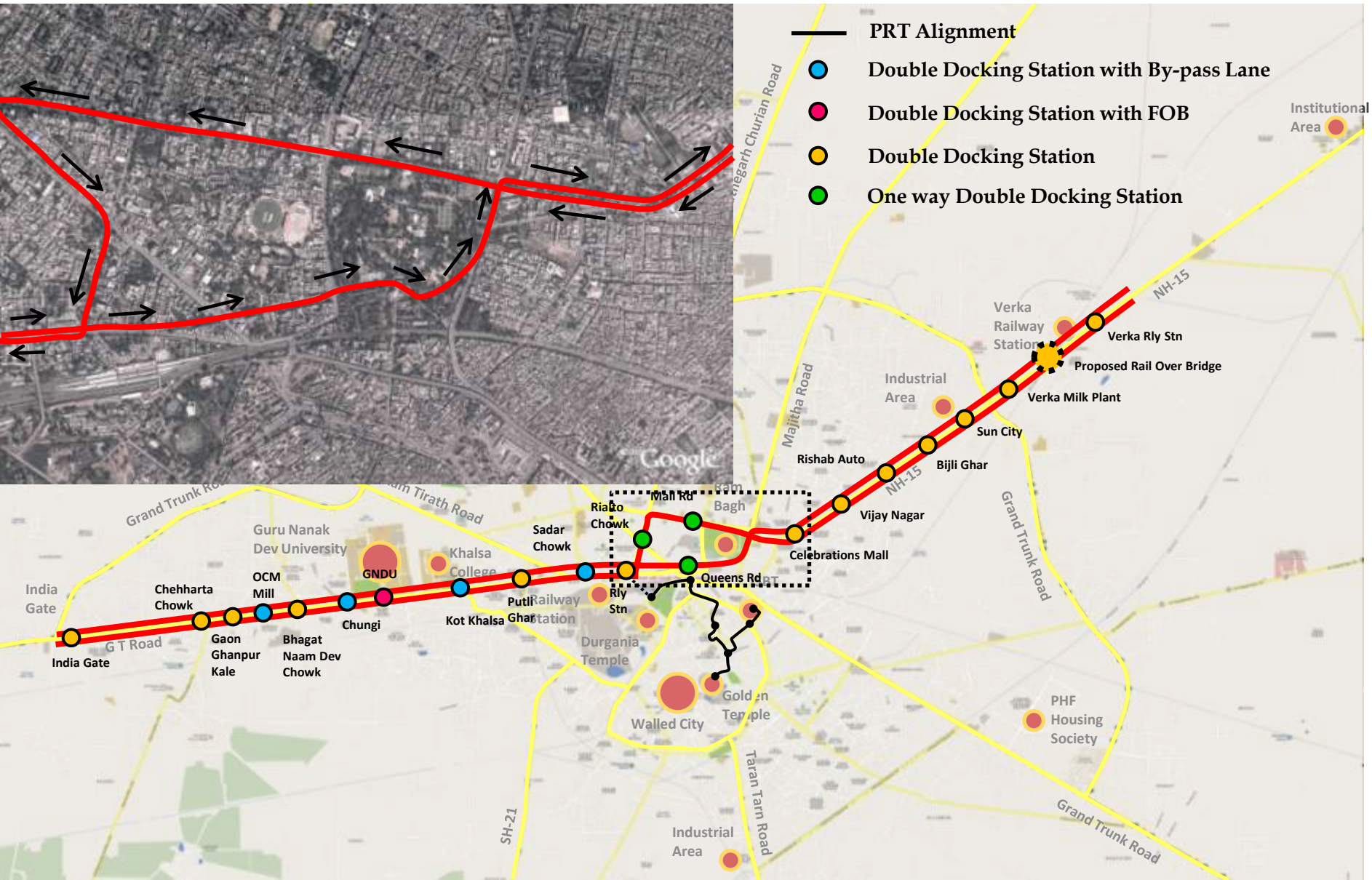
# Bus Rapid Transit System (BRTS) Amritsar

1. Corridors Identified for BRT System (22 Km in length) and have integrated with PRT system
2. Routes identified along with alignments options –
  - At-grade,
  - Elevated & One way
3. Concept submitted and in principle approved by Municipal Corporation Amritsar/PBMS
4. Initial cross-sections prepared of the identified routes & Bus Shelter Design
5. Topo survey for 30 km route completed
6. DPR & GAD under preparation as per MoUD guidelines
7. In addition Bidding for PRT system underway
8. Preparation of Bidding document for City Bus Operations are in process

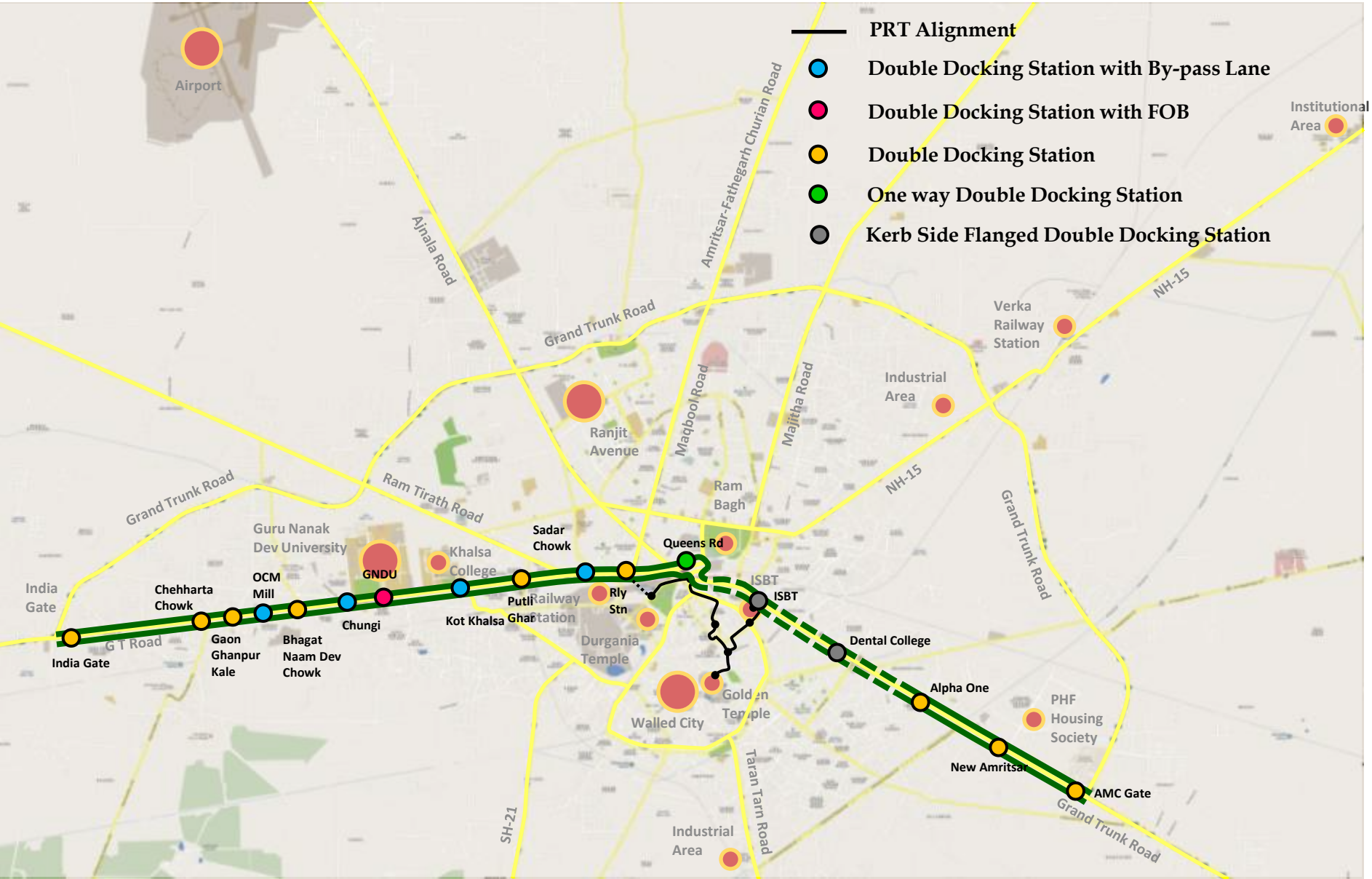
# BRT Network: Route – 1 (India Gate to Verka Rly Stn)



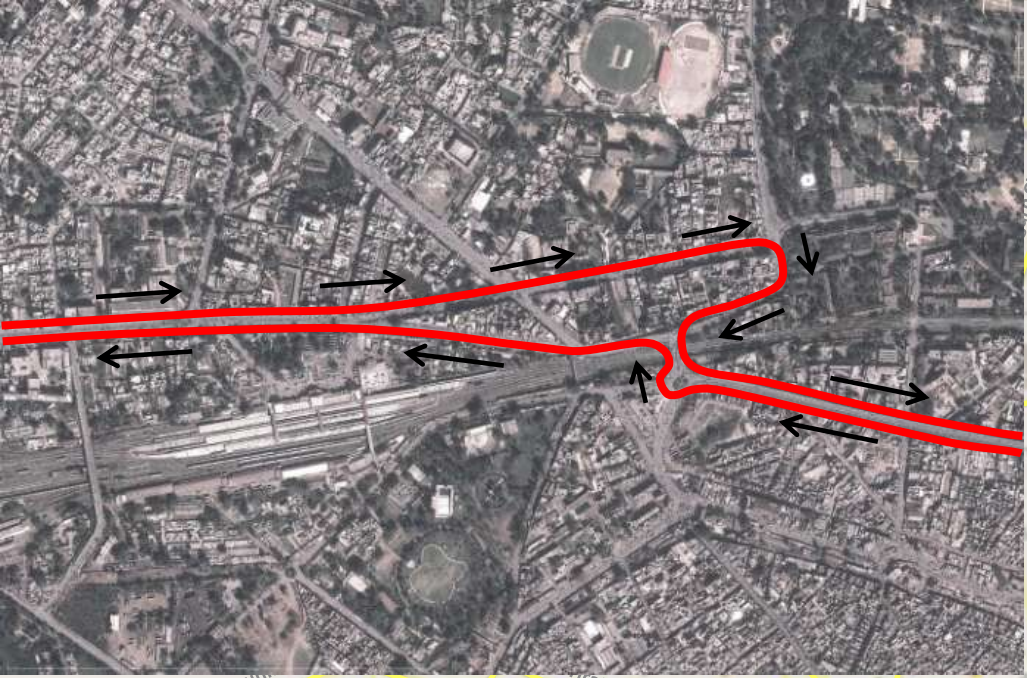
# BRT Network: Route – 1 (India Gate to Verka Rly Stn)



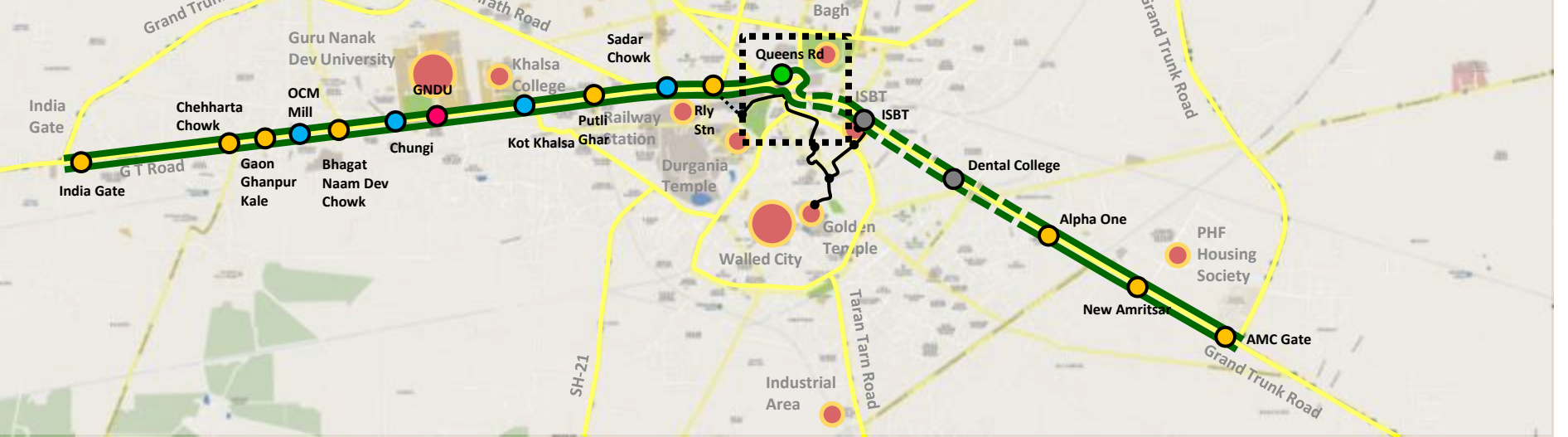
# BRT Network: Route – 2 (India Gate to MCA Gate)



# BRT Network: Route – 2 (India Gate to MCA Gate)

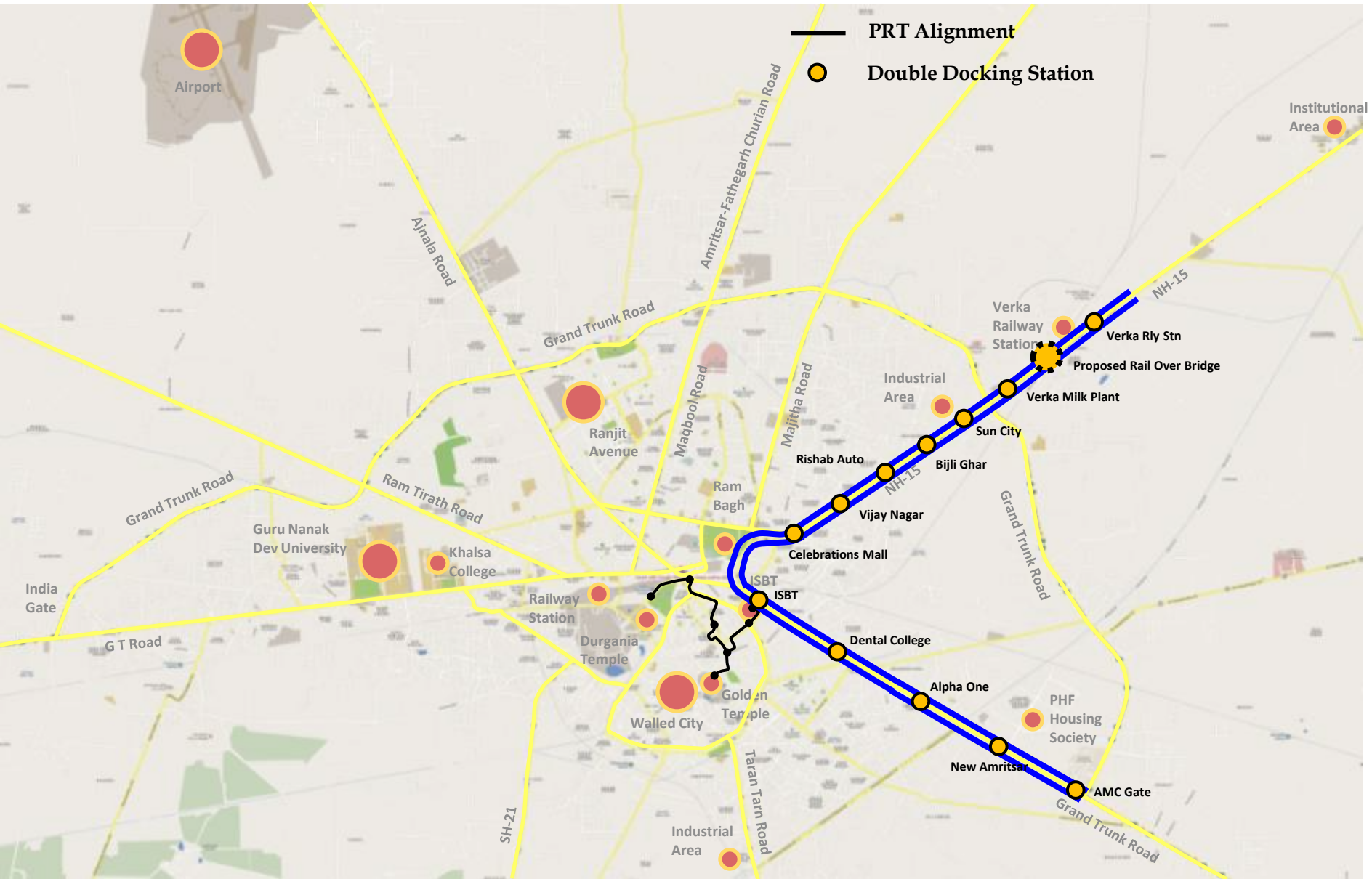


- PRT Alignment
- Double Docking Station with By-pass Lane
- Double Docking Station with FOB
- Double Docking Station
- One way Double Docking Station
- Kerb Side Flanged Double Docking Station







# BRT Network. Route – 3 (Verka Rly Stn to MCA Gate)

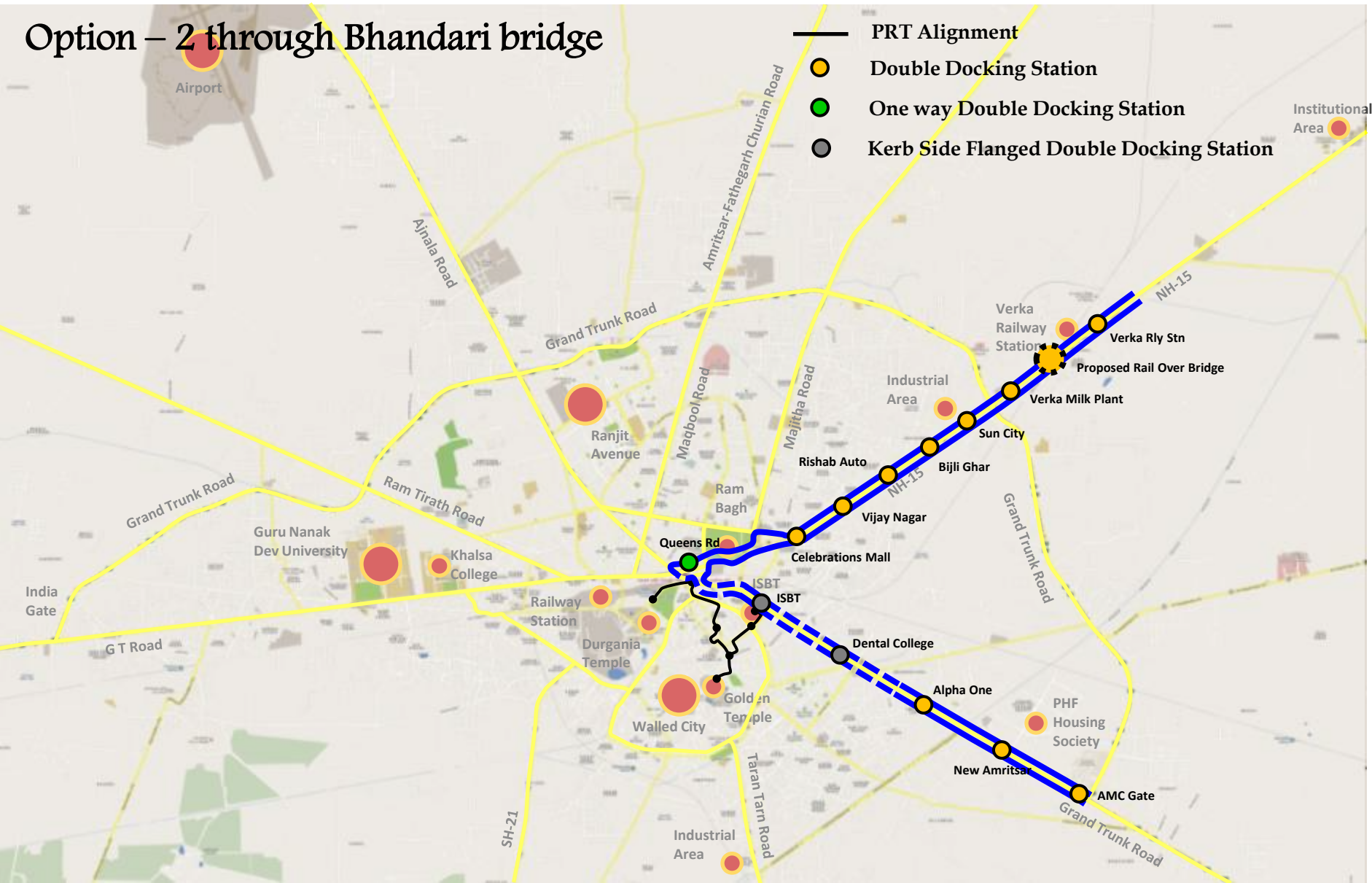
## Option – 1 through Hussainpura Bridge



# BRT Network: Route – 3 (Verka Rly Stn to MCA Gate)

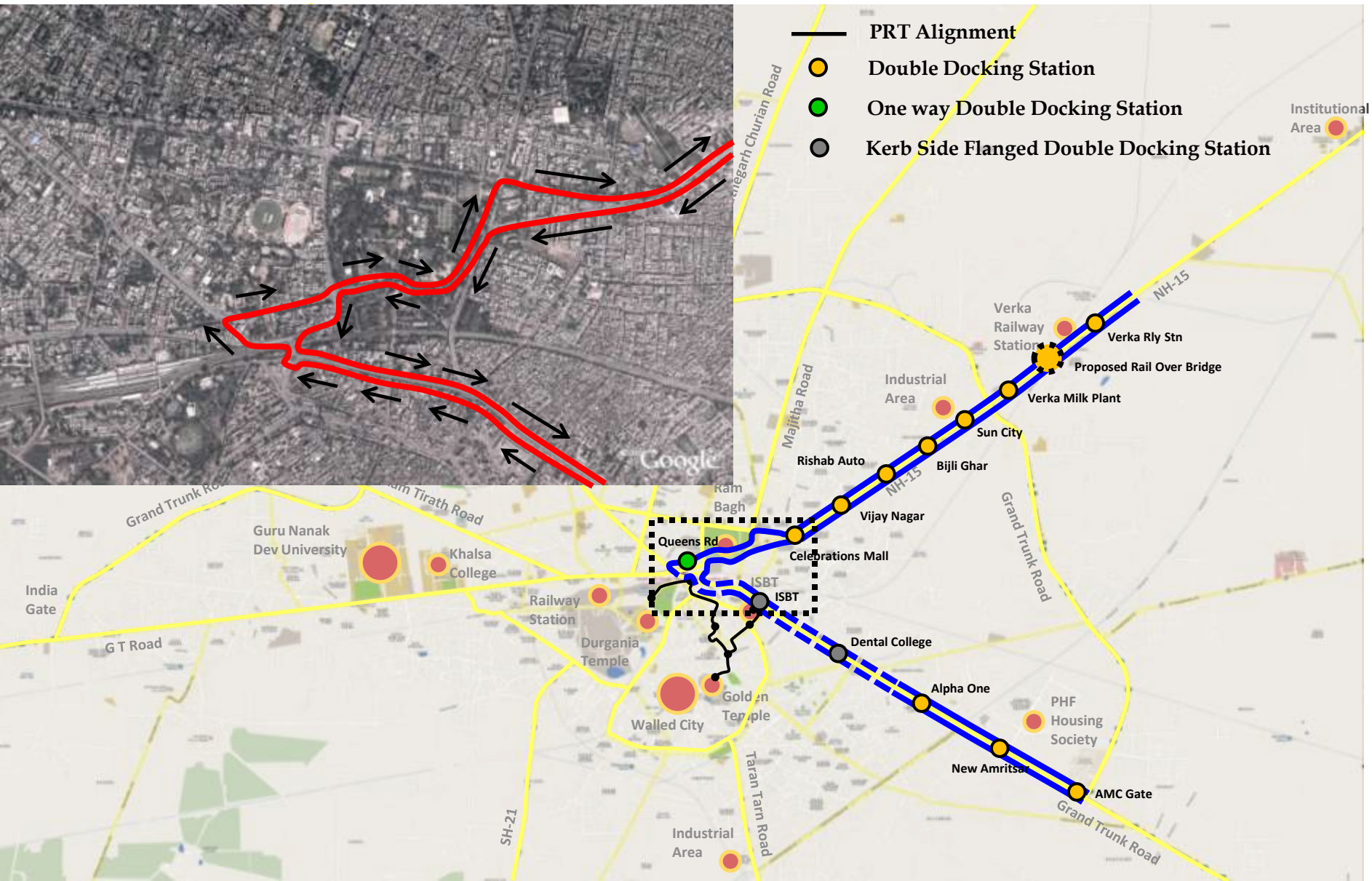
Option – 2 through Bhandari bridge

-  PRT Alignment
-  Double Docking Station
-  One way Double Docking Station
-  Kerb Side Flanged Double Docking Station



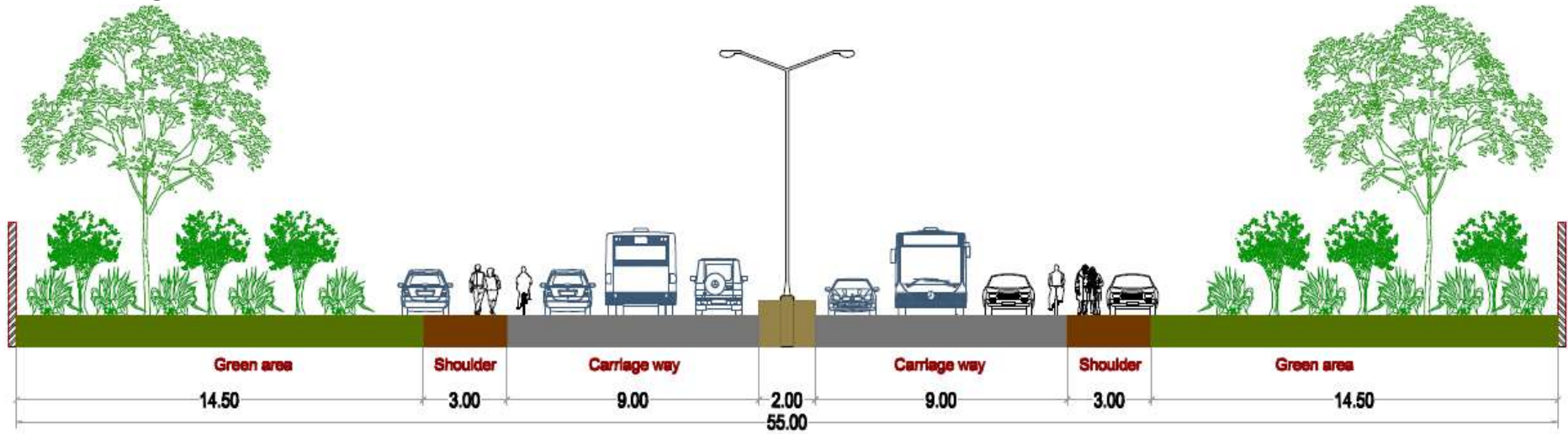


# BRT Network: Route – 3 (Verka Rly Stn to MCA Gate) Option - 2



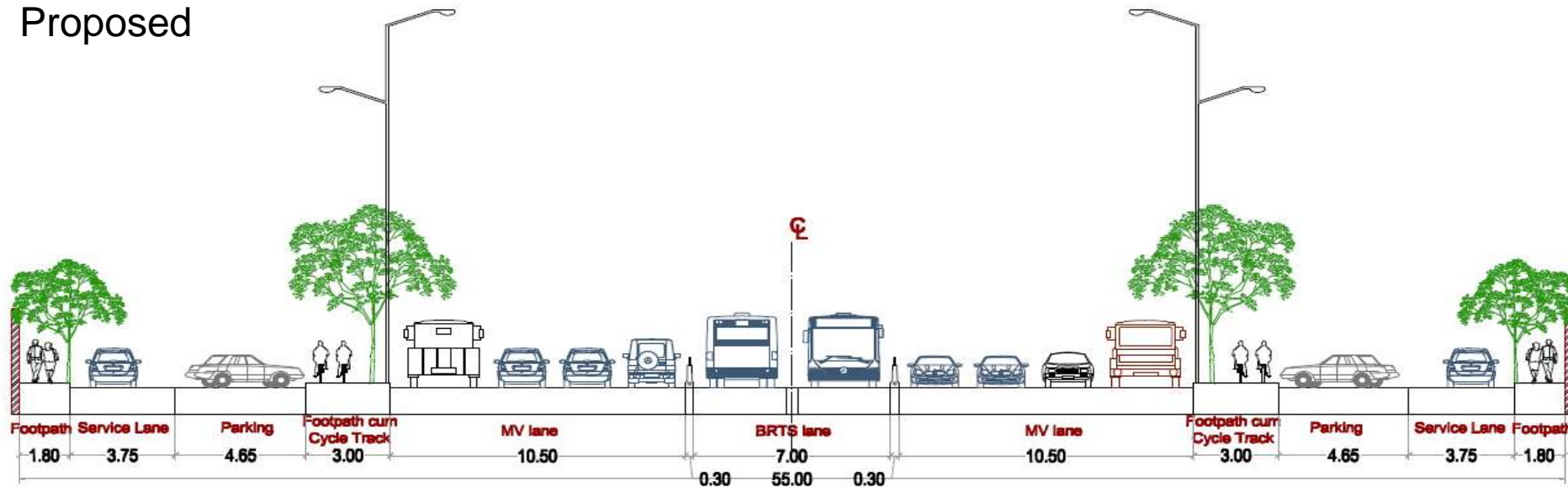
**Proposed Cross Sections for various routes proposed for  
Amritsar BRT System**

# Existing



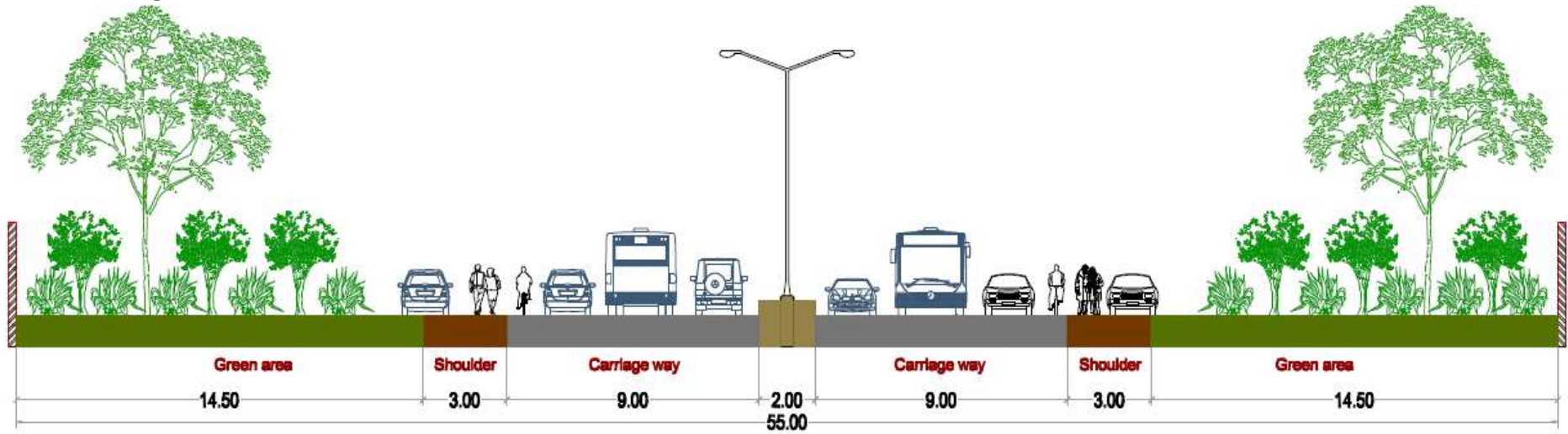
Existing - near GND University, G T Road

# Proposed



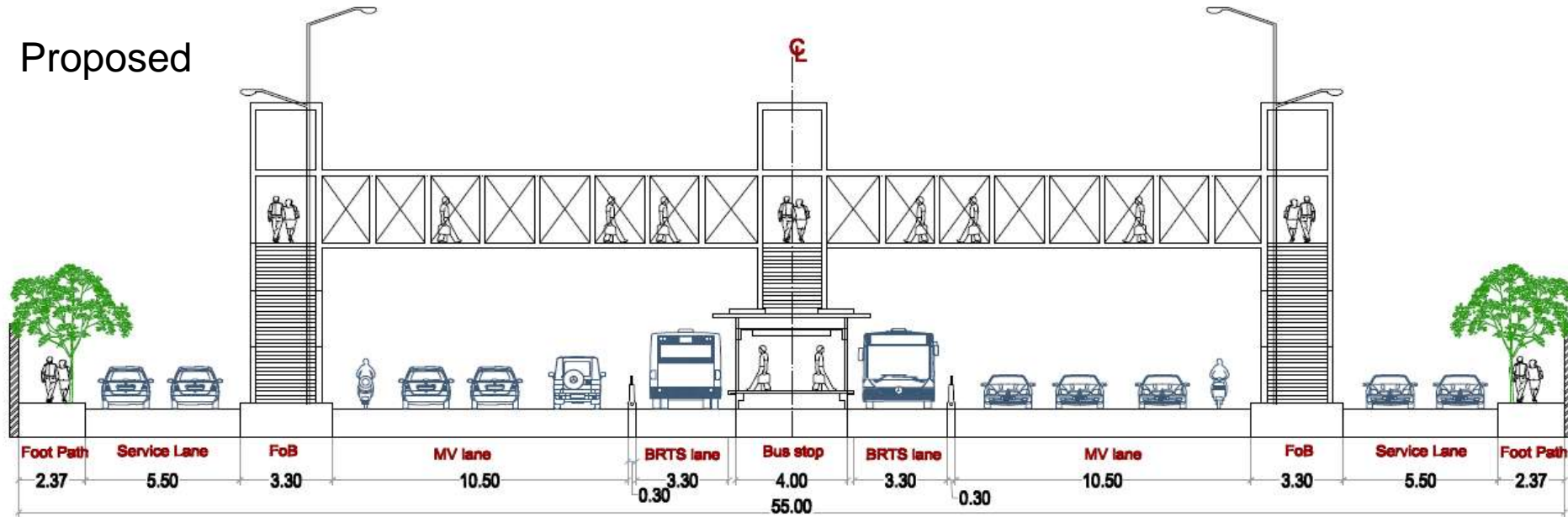
BRT proposal without bus stop - near GND University, from Rly Stn to India Gate

# Existing



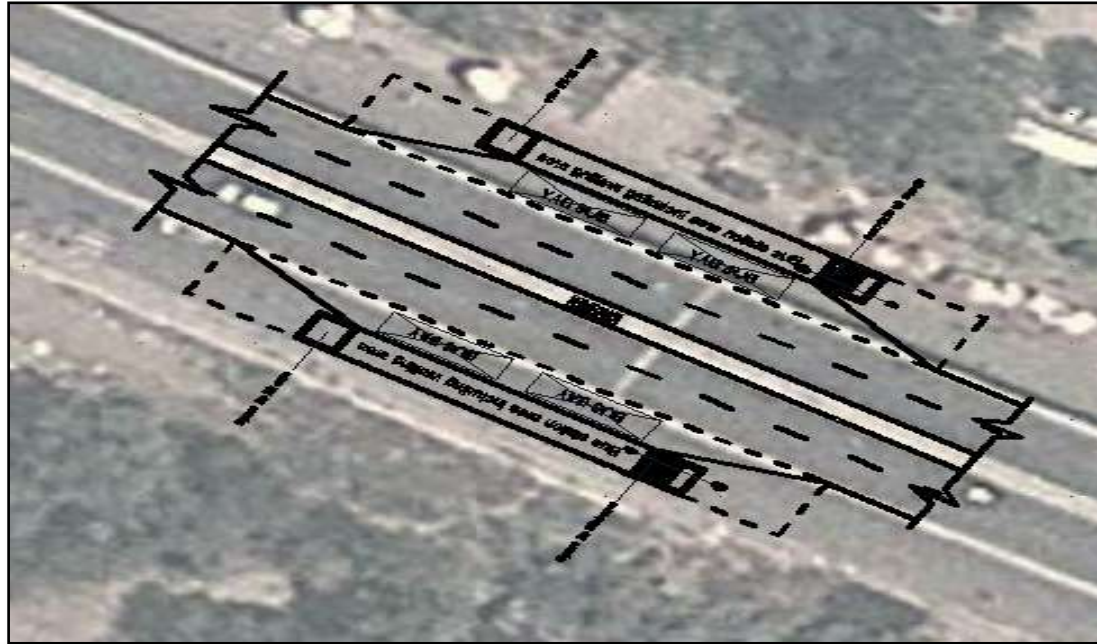
Existing - near GND University, G T Road

# Proposed

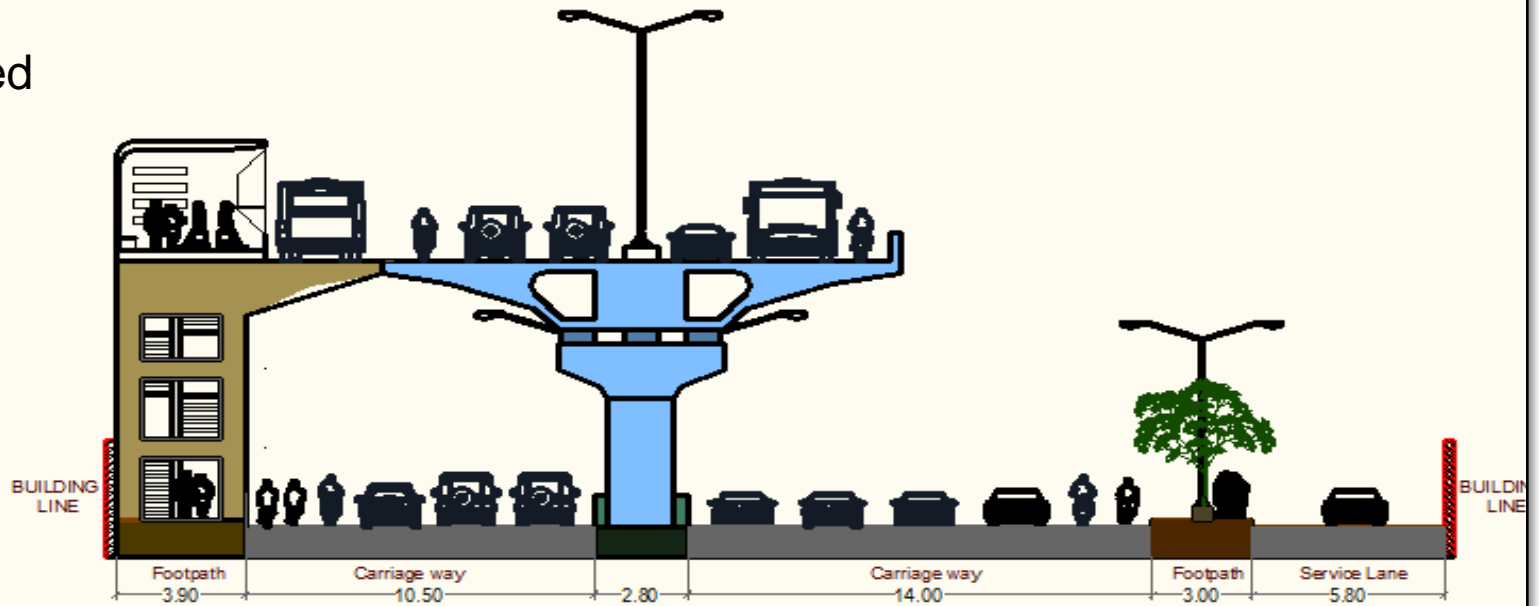


BRT proposal with bus stop & FoB - in front of GND University, G T Road

Existing



Proposed



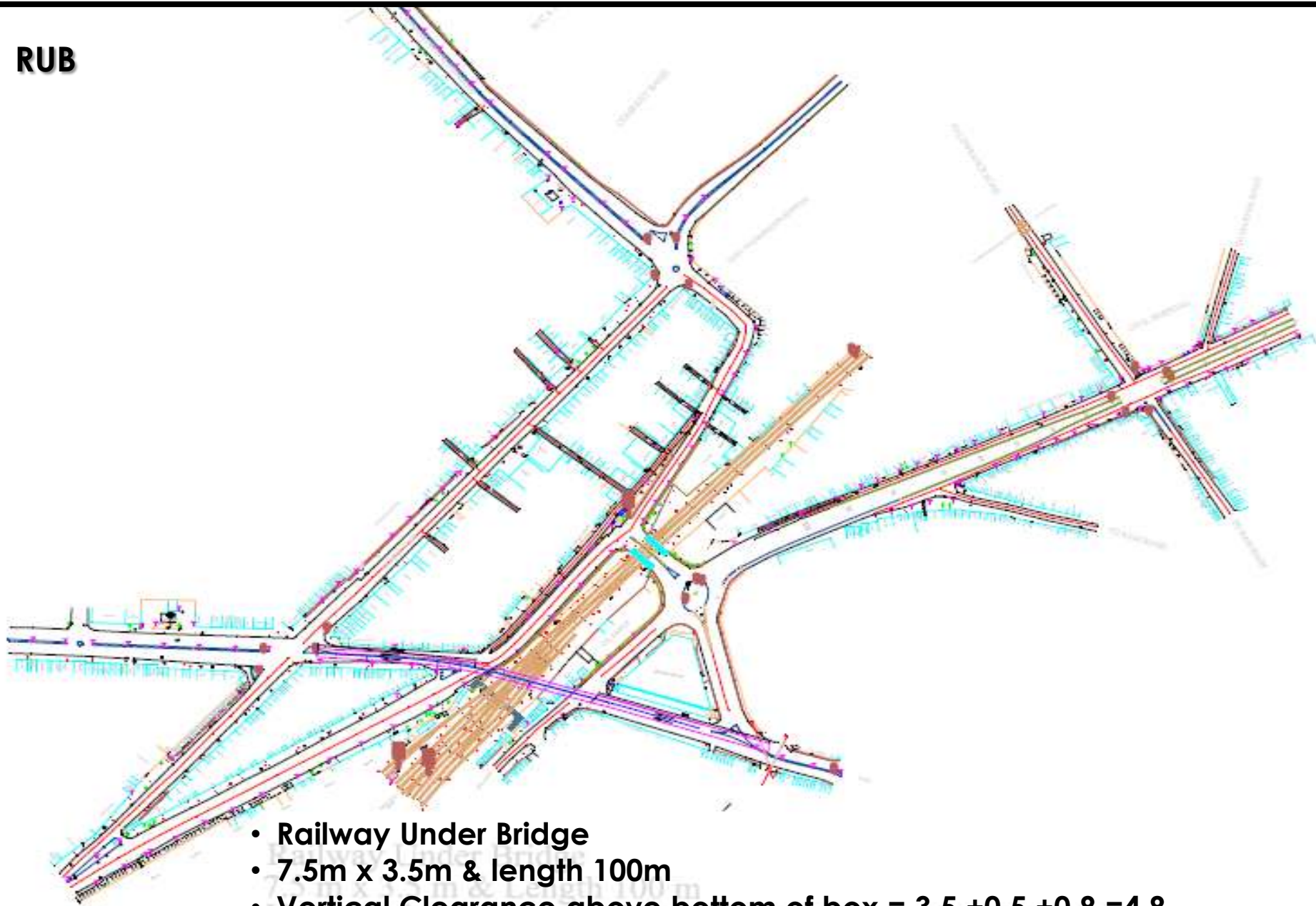
BRT proposal with retro fitting flanged bus stop - near ISBT, G T Road

# ROB



- Railway Over Bridge
- Railway Span 36 m length & 8.5 m width & length
- Vertical Clearance above track =  $8.14 + 2.0 = 10.14$
- Min approaches required to wards railway station
- Min approaches required to wards Bhandri Circle for

**RUB**



- **Railway Under Bridge**
- **7.5m x 3.5m & length 100m**
- **Vertical Clearance above bottom of box =  $3.5 + 0.5 + 0.8 = 4.8$**
- **Min approaches required for 1 in 30 slope is 150 m which is not available**

# Mass Transit Projects - Ludhiana

1. Corridors Identified for BRT System
2. Routes identified along with alignments options – as
  - At-grade
  - Elevated
3. Topo-Survey for 40Km (approx.) is underway
4. DPR & GAD under preparation as per MoUD guidelines
5. City Bus Operations bided on Gross Cost Model, concessionaire in place