



## **India Country Kit 2015 for Autodesk® AutoCAD® Civil 3D®**

### **Objective:**

India Country Kit is developed to make available Indian Infrastructure standards to users in Geospatial and Civil Infrastructure Industry projects like Roads, Highways, Airports, Railways & Ports. The country kit also caters the designers in Irrigation projects like Earthen Dams, Canals etc. The kit provides the web documentation access from product to Customers for Success stories/Case Studies which helps to refer and improve adaptability in Indian Continent.

### **Country Kit Contents Summary:**

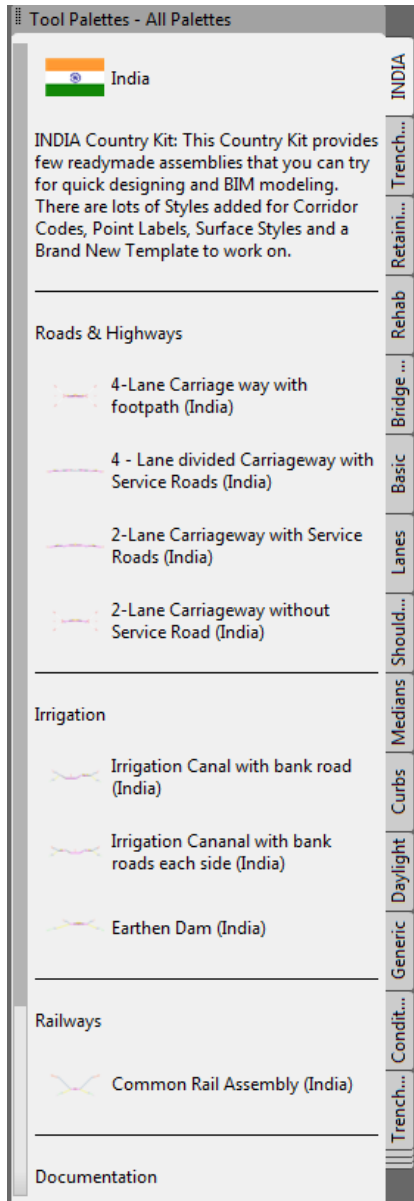
This Country Kit is developed for Civil 3D 2015 with following main contents which is elaborated in detail next one by one.

1. Readymade Assemblies according to Indian standards easily accessible on Tool Pallets with Indian standards. This also can be modified dynamically according to user's convenience.
  - a. Transportation Assemblies
  - b. Irrigation Assemblies
  - c. Common Rail Assembly
  - d. Earthen Dam Assembly
  - e. Channel Assembly (Irrigation Canal)
2. Point Group Styles: IMO-IHO based AutoCAD like styles for the AEC point viewing for Sonar Bed scan data.
3. Corridor Code Styles: Easy viewing and object handling in Object viewer with fewer graphics on the screen.
4. Geospatial Coordinate system framework and WMS/WFS accessibility.



5. Brand New drawing template with numerous object styles for sections, Labels, grade break labels and many more added into it according to Indian standard. All styles newly added are with tags like (India) 2014.
6. Documentation: Customer Success Stories in India and large Projects case studies using Autodesk Infrastructure Design Suite Products.

## Assembly Catalog on Tool Pallets:



Once you install Country Kit the Tool Pallet gets installed in the product automatically and provides all readymade catalogs for Assemblies below:

### Transportation:

- 4-Lane Carriageway with footpath (India)
- 4-Lane Carriageway with Service Roads (India)
- 2-Lane Divided Carriageway with Service Roads (India)
- 2 Lane Carriageway without Service Road (India)

### Irrigation:

- Irrigation Canal with bank road (India)
- Irrigation Canal with bank roads each side (India)
- Earthen Dam (India)

### Railways:

- Common Rail Assembly (India)

### Documentation:

[Louise Berger Success Story for New Mumbai International Airport \(NMAIL\) – India](#)

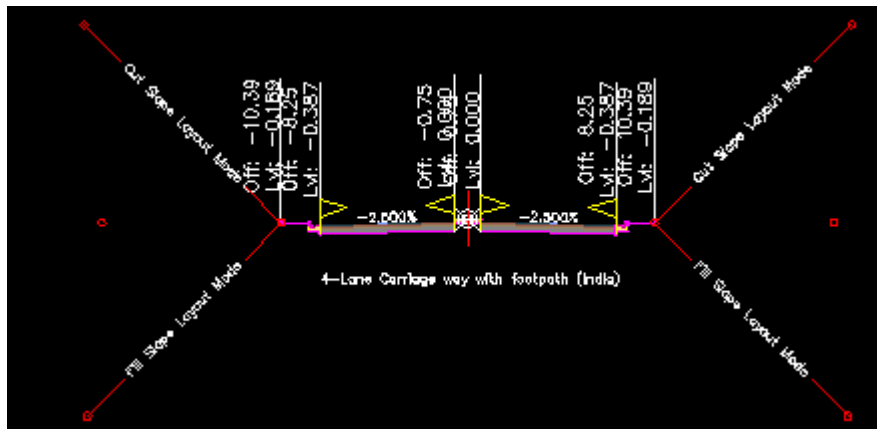
[L & T – Success Story for ‘Mumbai Monirail’ -](#)

[India World Wide Country Kit Links](#)

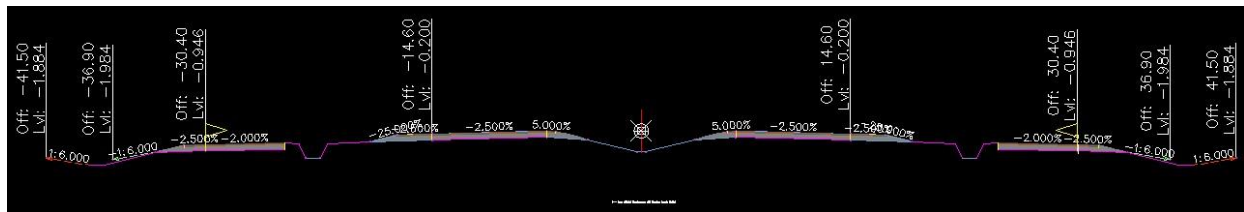
*Drag and Drop assemblies from Tool palettes to the drawing workspace and create quick Corridors.*



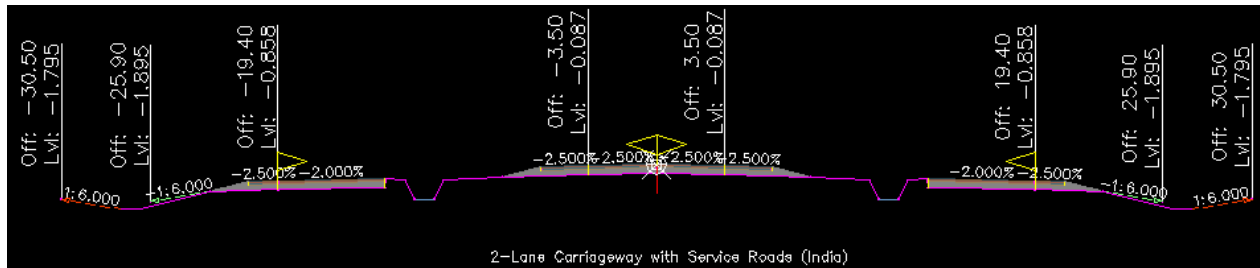
## Transportation: (Roads and Highways Assembly Catalog)



4-Lane Carriageway with footpath (India)



4-Lane Carriageway with Service Roads (India)



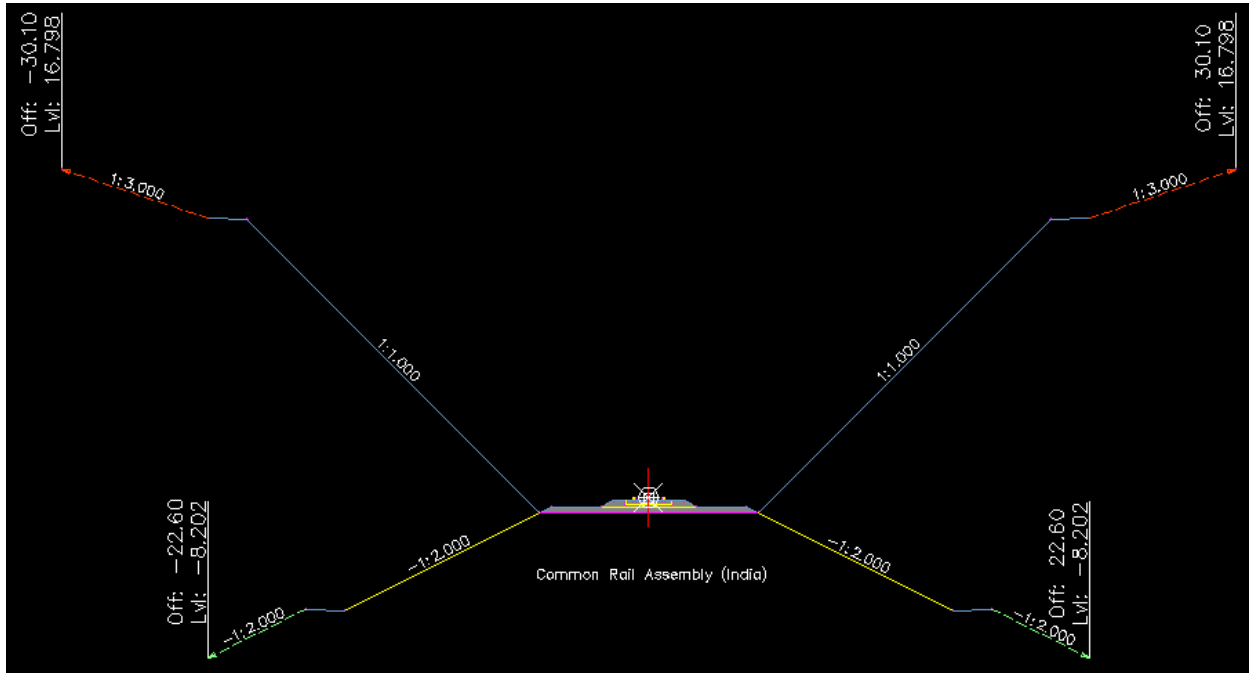
2-Lane Divided Carriageway with Service Roads (India)



2 Lane Carriageway without Service Road (India)



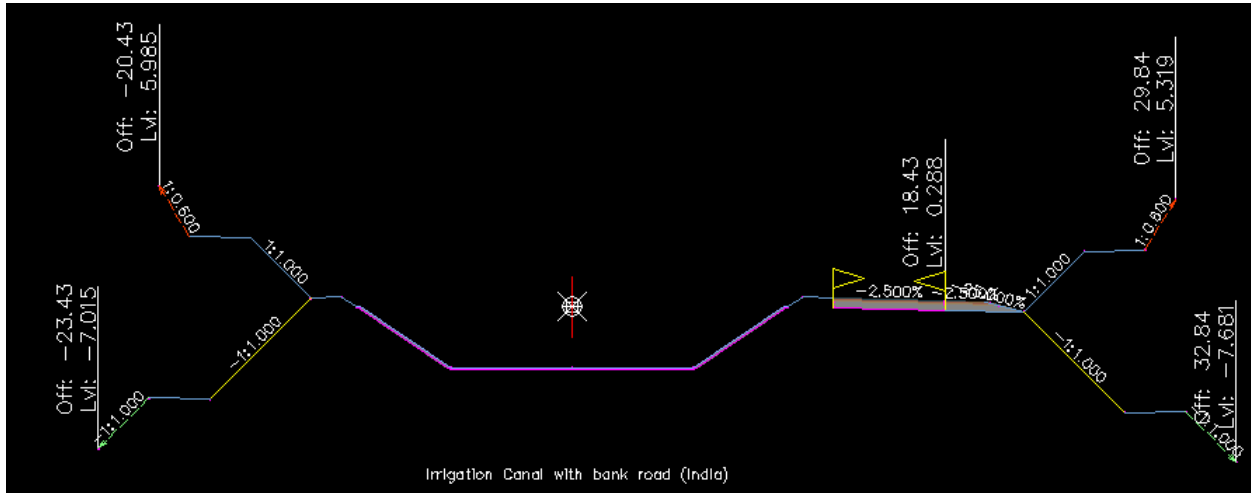
## Transportation: (Railways Assembly Catalog)



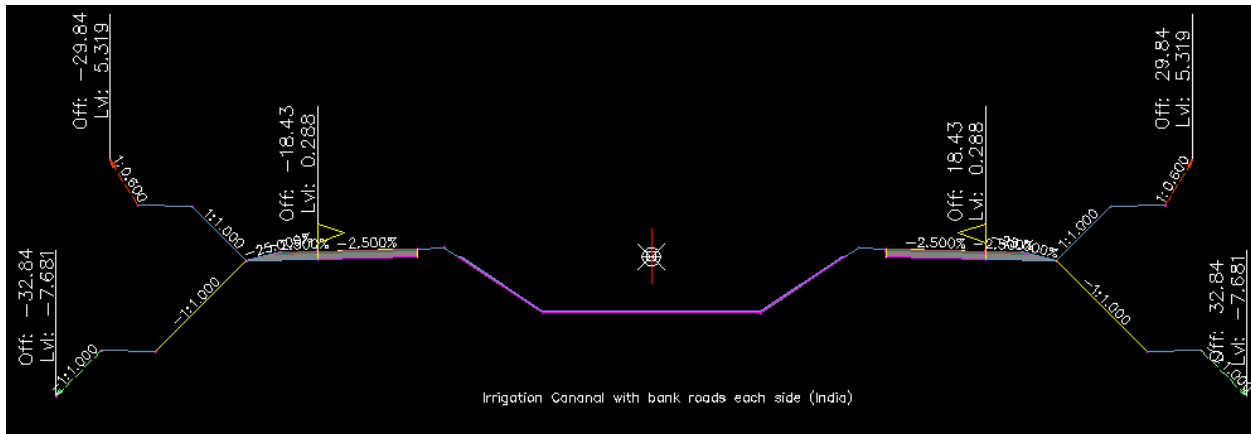
Common Rail Assembly (India)



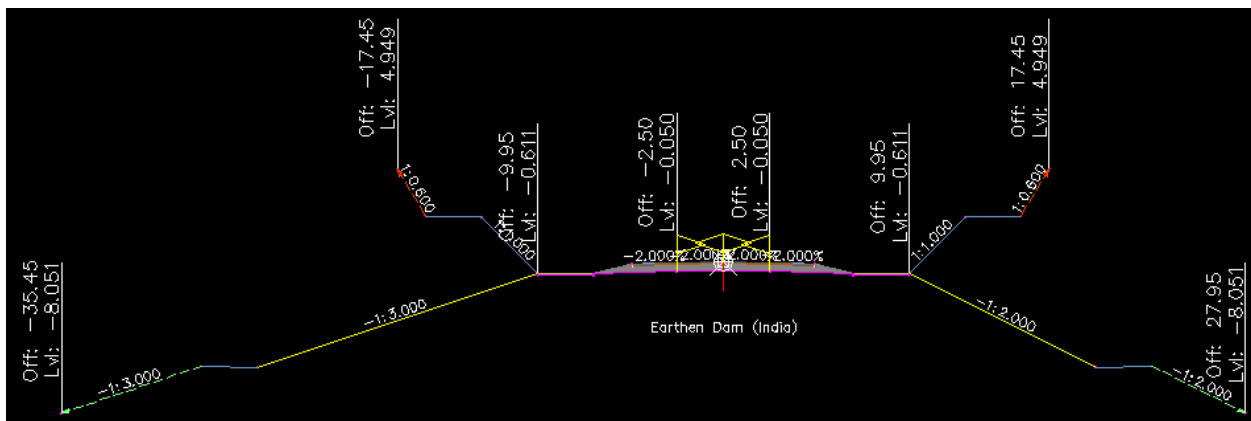
## Irrigation: (Assembly Catalog)



Irrigation Canal with Bank Road (India)



Irrigation Canal with bank roads each side (India)



Earthen Dam (India)



## Documentation:



Simplifying Complexity CSS - India

[Louise Berger Success Story for New Mumbai International Airport \(NMAIL\) – India](#)



Mumbai MonoRail - CSS

[L & T – Success Story for 'Mumbai Monirail' - India](#)

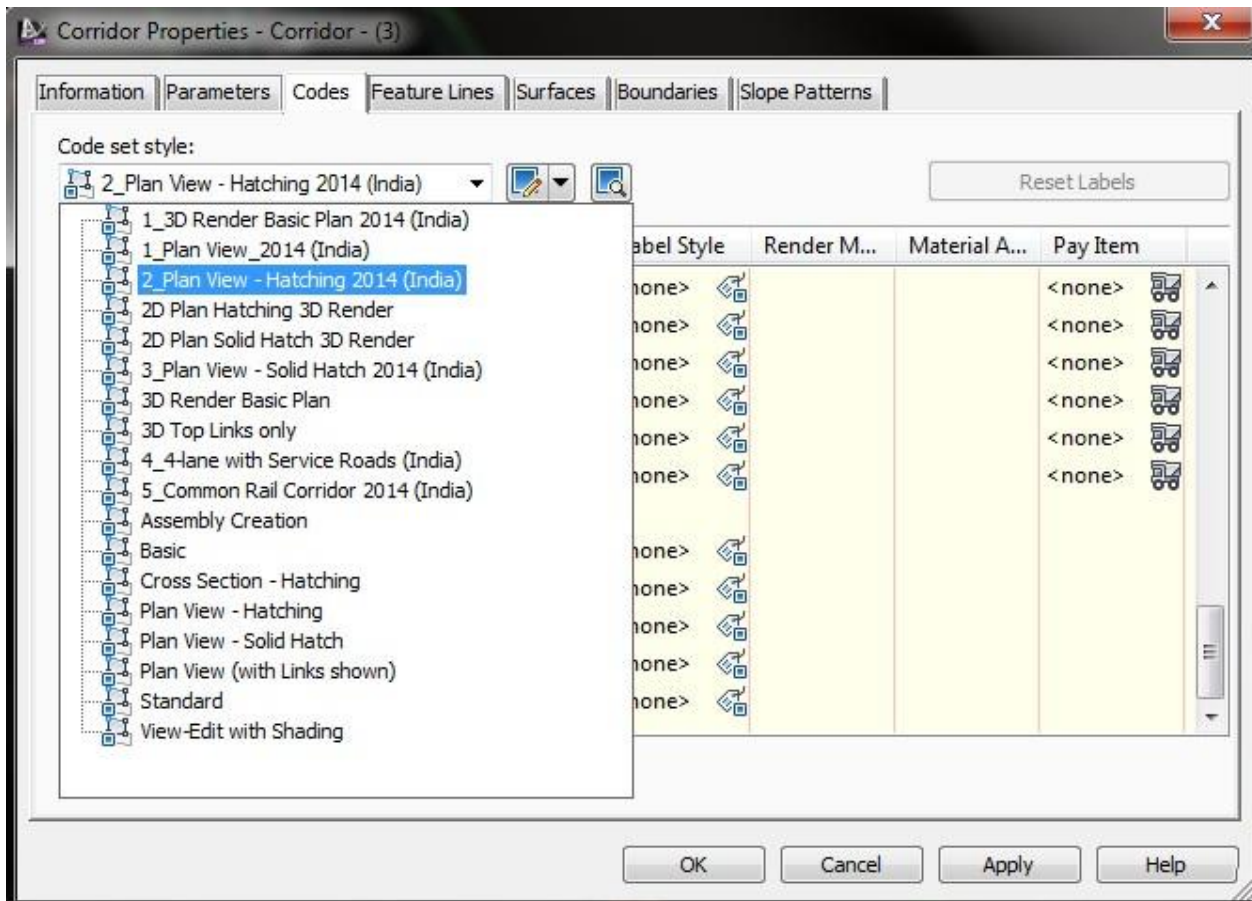


[World Wide Country Kit Links](#)

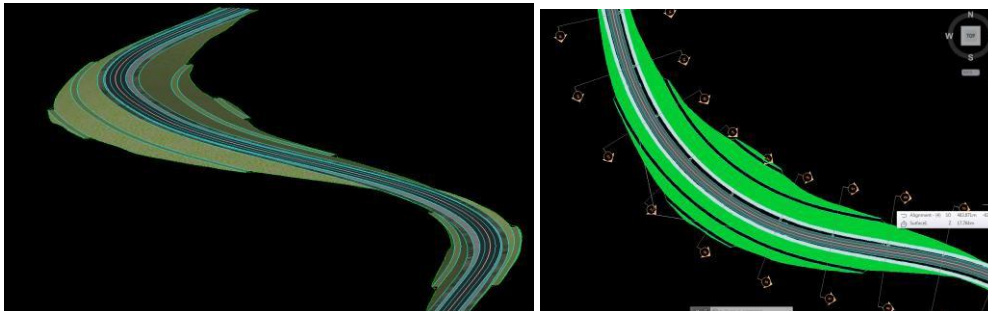
Many more to come from RSDO and NHAI.....



## Corridor Code Styles:



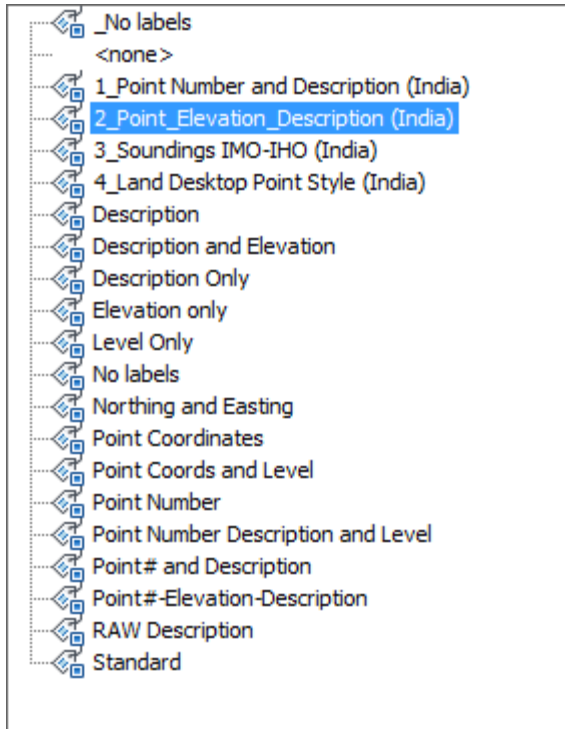
Samples of Corridor code styles Below:



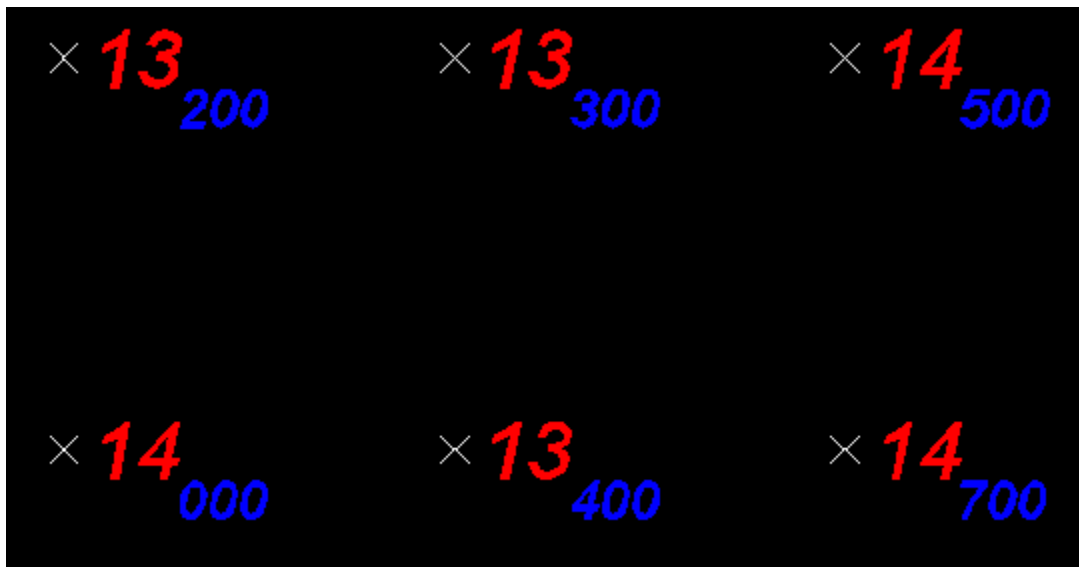
**\*\* All tags with (India) 2014 are newly improved Corridor Code Styles. This is to see quickly with render material to corridor in Object Viewer.**



## Point Label Styles:



Sample: 3\_Soundings IMO-IHO (India) → Output below:







## **New Drawing Template:**

' AutoCAD Civil 3D India Default 2015.dwt' to start the Project with all the above mentioned styles and many more sub styles added. This saves time of creating the styles and searching content. Specially the beginners it's a quick data modification according to the standards in the Indian Territory.