

HERE NETWORK CONFLATION

SUMMARY

The user provides a travel demand model highway network in a Cube environment. Using GIS Tools in Cube Citilabs staff matches the original Cube network to the Here network.

USE CASES

- Network development and refinement
- Model development/validation
- Alternatives testing
- Display of assignment outputs

METHODOLOGY

The conflation process begins with matching the original model network to the Here network using GIS Tools in Cube. Future roads (roads that are not in the Here network but in the original Cube network) are then added to the Here network. A buffer is created for the original Cube network links and nodes and a spatial join is used to transfer the attributes from the original model network to the Here network. Citilabs staff will then go through and check the Here network to see which links and nodes did not get attributes transferred from the original network using the Attribute Transfer Tool to fix these links. A network field is used to signify which links and nodes are in the original Cube network. Centroids and centroid connectors from the original Cube network are then added in to the Here network using geo-processing tools. Centroid connectors are then checked to make sure each is in the right place. Transit routes are added by using the converter tool and editing when needed. Alternately, transit networks in GFTS format (General Transit Feed Specification) can be imported into the Cube network geodatabase.

REQUIRED END-CLIENT DATA

- Cube model highway network(s)
- Cube model transit network(s)

INTERESTED IN HERE NETWORK CONFLATION

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