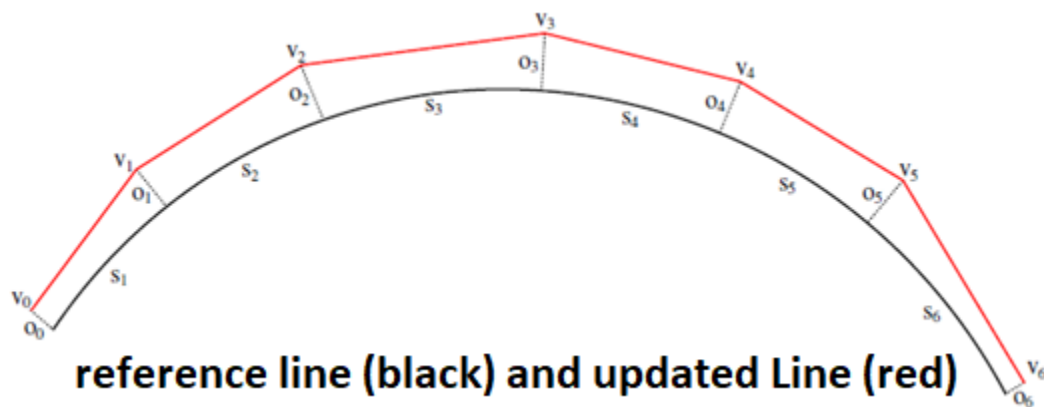
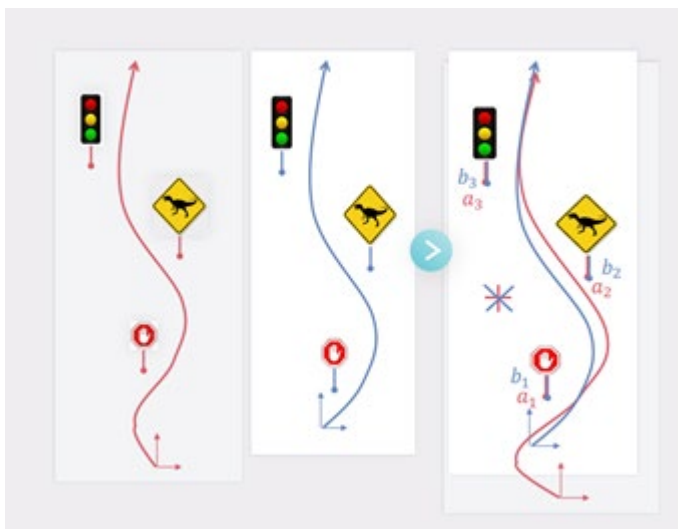


Tasks:

1. Render Xodr Contents on CityGML 3.0 and OSM map
2. Create a table to calculate and hold root mean square error/ deviation i.e. measuring the difference between values from base_map_data and updated_map_data in meters and centimeters.
3. base_map_data can be obtained from the xodr content from gps/OSM data and updated_map_data from Xodr content after applying geojson data
4. Render an option to show changes on map and the accuracy data from above.
5. Above data will be displayed on map using base type and child – UI/GUI can show all types on side navigation bar



Requirements for Rendering:

- A new UI/GUI will be created for this rendering task. This will be a new project no reference to current code but will only point to database and folder to read xodr data and PostGIS table data

- All data that needs to be generated and pre-calculated for this task will be done using our current Xodr project and use current PostGIS table
- Map will have selection option to choose from –CityGML or OSM map
- Map will show all Xodr Contents i.e. base and child in Tree like fashion on side bar
- Map will display different icons, symbols to show contents like sign, roundabout, speed etc – There is no strict rule, you can use any sign that render the data best possible way



Error types and sources in roadway centerline maps.