ECHO Graph Schema Design

Vertex Types : Highway(Properties: Number, Sequence, Zipcode), Point(Properties: Zipcode) ,

Relations: linked\_highway (point to highway), next\_highway( highway to highway), linked\_point(highway to point), distance(point to point, highway to point)

Graph Database Schema

Zipcode: String

Number: Integer

Sequence: Integer

Zipcode: String

# = M:N

Weight= Float

Linked\_highway

Nearest highway

# = M:N

Weight= Float

# = m:1

Weight= Float

# = M:N

Weight= Float

# = 1:1

Weight= Float

next\_highway

distance

distance