GEOCORTEX INLINE

Cody Barrett  
Sr. Design Developer  
HNTB  
Ames, IA

Sean Hills  
Sr. Consultant  
GISTIC Research  
Tempe, AZ
WHAT IS GEOCORTEX ESSENTIALS?

Rich mapping application framework
From Latitude Geographics

A framework for building and maintaining simple but powerful web mapping applications

Reporting, security, viewers, searching, etc

Easily upgradeable

Workflows

Leverage services, DB connections, etc
The Geocortex Product Suite

Products:
- Geocortex Analytics
- Geocortex Essentials

Capabilities:
- Geocortex Workflow
- Geocortex Reporting
- Geocortex Printing

Viewers:
- Geocortex Viewer for HTML5
- Geocortex Web Viewer
- Geocortex Mobile Viewer

Also available for:
Web AppBuilder for ArcGIS®
STRAIGHT LINE DIAGRAMS (SLD)
STRAIGHT LINE DIAGRAM

A diagram of a linear network
Roads
Pipelines
Rivers
Transit systems
Simple way to visualize
Steps to deploying Inline to your Geocortex site...

Add linear event features to your site

Create a Viewer

Copy Inline files and folders to your site

Add elements to Desktop.json.js

Create Template.json file
Adding Linear Events Features & Viewer
Copy Files & Folders

Copy ...
Virtual Directory
Viewer Resources
  - Compiled
  - Templates
Edit Desktop.json.js file

```json
{"deferLoading": true

},

{ "moduleName": "LinearReferencingModule",
  "libraryId": "LinearReferencing",
  "require": "@geocortex/linear-referencing/modules/linearReferencing/LinearReferencingModule",
  "configuration": {
    "useStationNotation": true,
    "decimalPlaces": 2,
    "routeServiceUrl": "https://testgis.iowadot.gov/public/rest/services/rams/inlineFeatureServer/0",
    "routeIdField": "ROUTE_ID",
    "serviceNameField": "ROUTE_NAME",
    "segmentsServiceUrl": "https://testgis.iowadot.gov/public/rest/services/rams/inlineFeatureServer/0",
    "segmentsRouteIdField": "ROUTE_ID",
    "segmentsStationNameField": "ROUTE_NAME",
    "calculateStationUsingAttributes": true,
    "segmentsBeginStationField": "FROM_MEASURE",
    "segmentsEndStationField": "TO_MEASURE",
    "segmentsMeasureUnit": "miles",
    "templatesRoot": "{ViewerConfigUri}../Templates",
    "templates": [
      { "templateName": "Linear Assets",
        "templateId": "template1"
      },
      { "templateName": "Test Linear Assets",
        "templateId": "template2"
      }
    ]
}"

```
Create Template.json File

Establish Connection

Configure for SLD
New Inline SLD
Demo Time!

- Dot Portal Inline
- https://testegis.iowadot.gov/Geocortex/Essentials/Testegis/RestManager/