

**Gresham Smith**

Genuine Ingenuity

# Utility Data Collection as Asset Management

## Project

Hubbards Lane Louisville

Metro LPA

## Info

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Gresham Smith

# Hubbards Lane

Louisville Metro LPA Project

Item No. 5-479.00





## Project Goals

- **Improved safety** for vehicles, pedestrians and bicycles
- **Improved connectivity** for bicycle and pedestrian facilities
- **Improve congestion and drainage**

# Utilities Involved



- Water
- Sewer
- Gas
- Railroad
- Electric
- Telephone
- Cable
- Communications
- Legacy Fiber



# SUE Level A Investigation

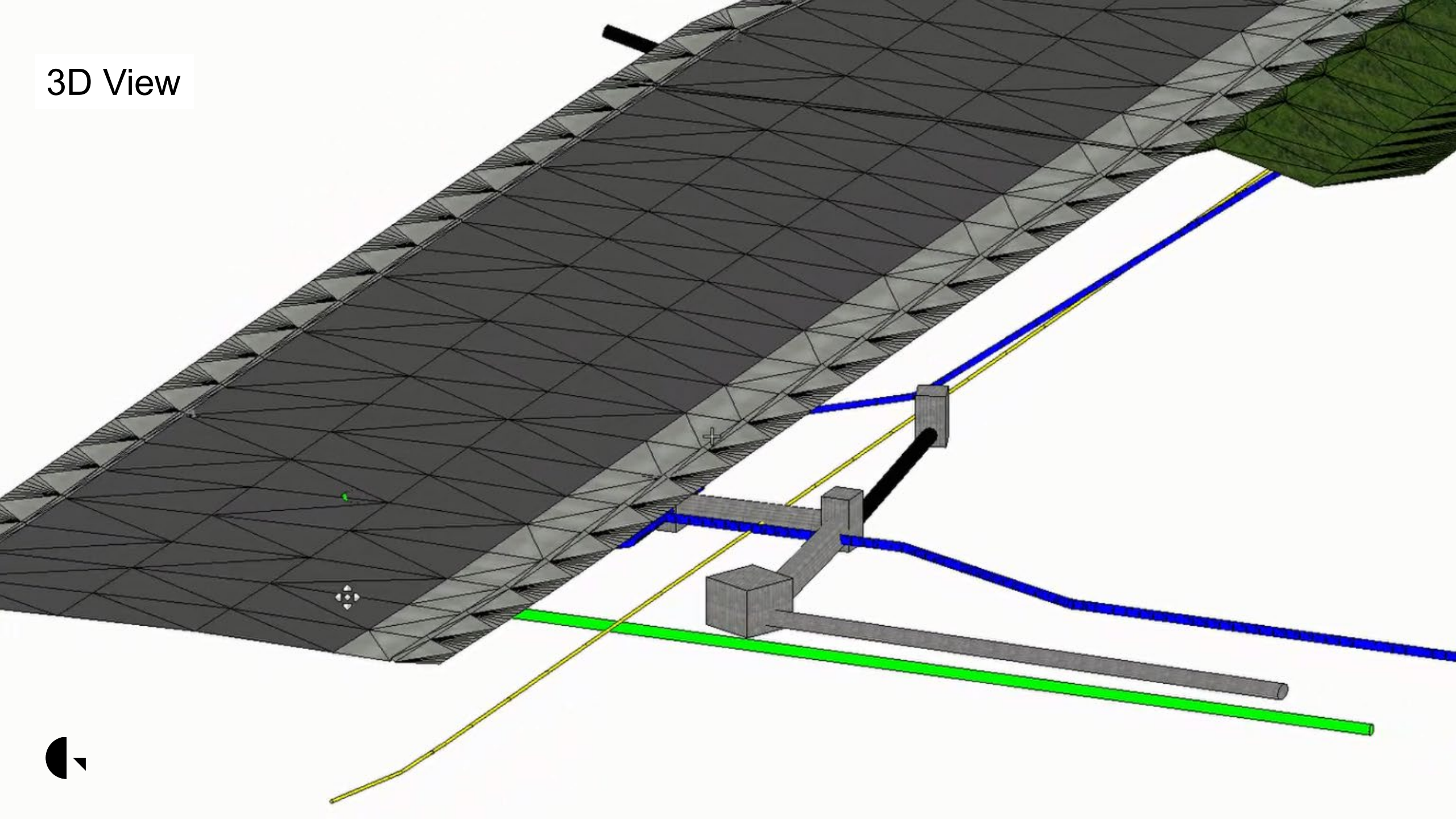
## Concerns

- 16" gas transmission main
- AT&T Legacy fiber route
- Parallel water and gas mains





3D View





CONNECT Advisor

Tasks

Tasks

Roundabouts

Civil Geometry

Data Acquisition

Print Preparation

Drawing

Q

W

E

R

T

A

S

D

F

Power InRoads Comma...

Civil Workflows

Solids Modeling

Surface Modeling

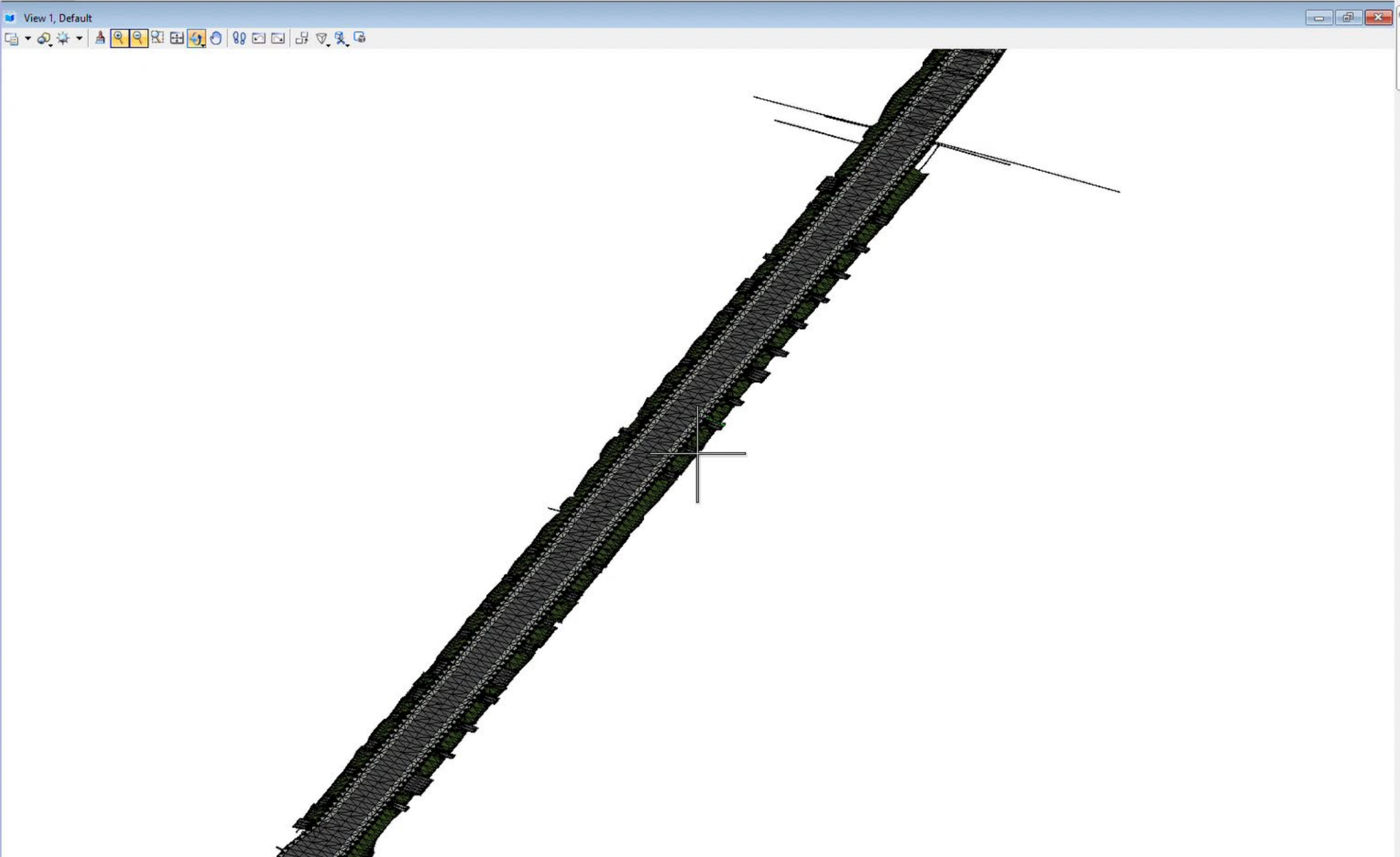
Feature Modeling

Visualization

Animation

KYTC Roadway Workflow

KYTC Software Workflow





**\$750k**  
**Cost Savings**

in direct utility impacts with 18 months of time savings on the gas transmission alone.

# SUE Level A Benefits on this project

For every dollar spent  
on SUE investigation,  
\$10 dollars was saved on  
utility relocation construction costs



# Questions?