The Exit Sign: Maintaining Maryland's Roadway Facilities

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Maryland Transportation Authority

KITTELSON & ASSOCIATES, INC.
TRANSPORTATION ENGINEERING/PLANNING

Overview

- MDTA Needs and Responsibilities
- Purpose of the Project
- Methodology
- The Product
- Further Developments
- Questions

What is the MDTA?

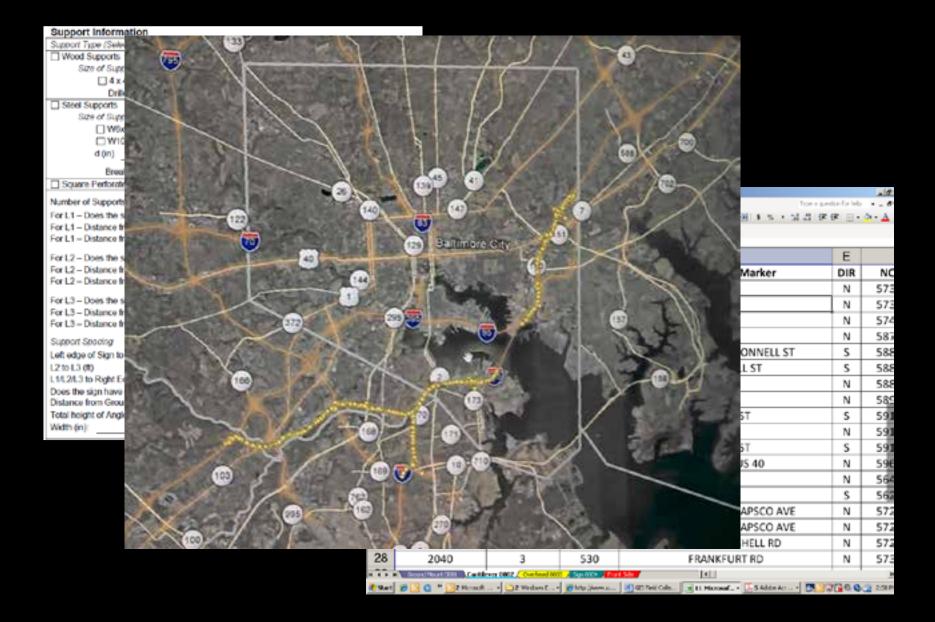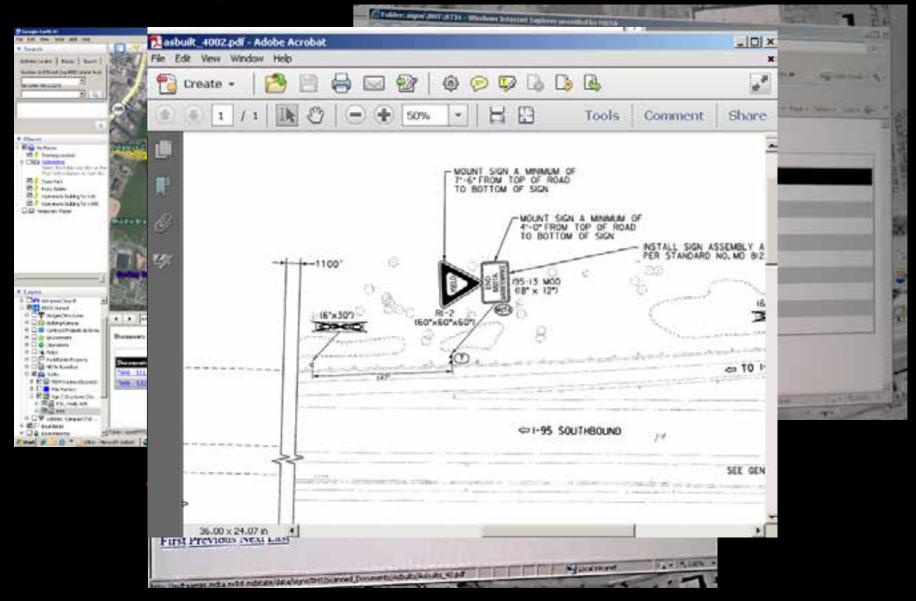> The Maryland Transportation Authority

> Maintains and operates all tolled facilities in Maryland
> – *Maintains roadway assets*
> – *Prepares and enacts emergency response plans*
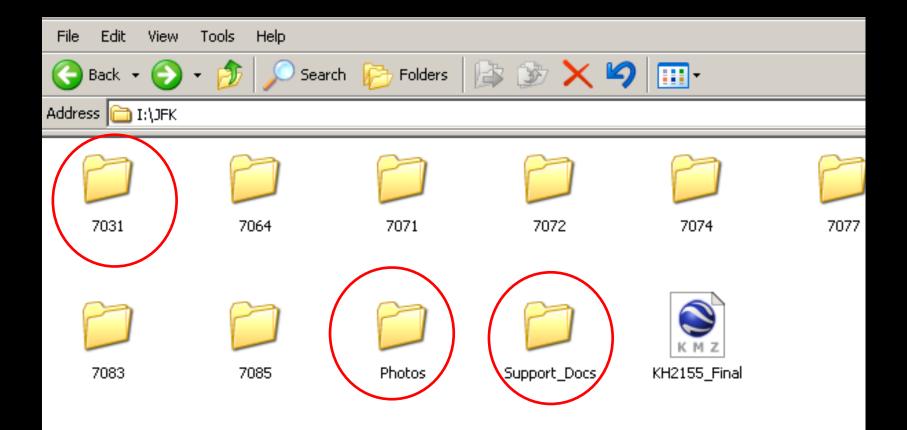> – *Maintains signs and sign structures on the roadways*

Purpose of the Project

- Create a product that can:
  - *Manage the roadway sign assets of the Authority*
  - *Maintain roadway signs and structures*
  - *Maintain dynamic databases of information*
- Who is this product for?
  - *Office of Engineering and Construction*
  - *Maintenance and Operations*
  - *MDTA Police*

Methodology

- Field inventory of signs
- Maximo data and structural identification numbers
- Excel sheet summarizing field inventory
- GIS
- Basic HTML and batch programming
- Google Earth

Methodology

Methodology

Methodology

The Product

13+-+1.MOV

Further Developments in Progress

- Improve use of Maximo and Structural Identification Number
- Streamline data needs for more effective data processing
- Active email requests for repair and maintenance
- Faster data update maintenance

Questions?

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