#### 2019 MAASTO • INDIANAPOLIS, IN























# Truck Parking Information & Management System

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#### The Vision

"MAASTO TPIMS Partner States will strengthen America's freight network by helping commercial truckers make safer, more efficient parking decisions through a user-focused information service that consistently provides timely, reliable parking availability information."















#### The Need

- Greater driver access to safe, convenient parking.
- Actual time to acquire parking
- Results in driver's exceeding their allowed hours or causes them to park illegally/informally
- This lost time equates to \$4.4 billion annually in this country







## The Scope

- Focus on 9 key freight corridors
- Monitor 139 public and private sites
- Collect real-time parking availability
- Aggregate and analyze data
- Communicate parking availability to drivers
- Measure impact on truck parking and safety



# The Capital

#### Get the TIGER on your side . . .



Transportation Investment Generating Economic Recovery (TIGER) Grant Program



Selected out of hundreds of applications in 2015

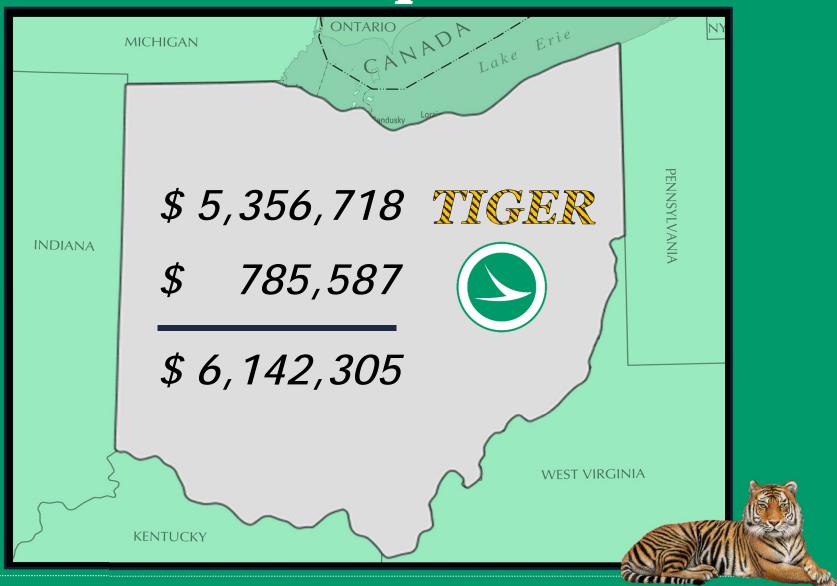


TPIMS TIGER Grant Totaled \$25,000,000

Plus State Contributions of \$3,666,364

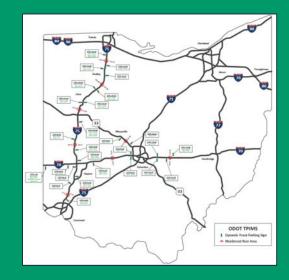


# The Capital



#### Ohio's Plan . . .

- Limit to Publicly Owned Sites
- Utilize Design/Build/O&M Contract
  - Reduces time to market
  - Allows for innovation
  - **Ensures functionality**
- Use add alternates
  - Base Bid
    - 16 Rest Areas/30 Dynamic Signs
  - Add Alternates
    - 6 Rest Areas/6 Dynamic Signs







#### The Award...







\$ 5,492,939 Design/Build

**M**&**O** 

TOTAL

\$ 1,430,000

\$ 6,922,939

No Alternates could be awarded



## Money from Heaven...

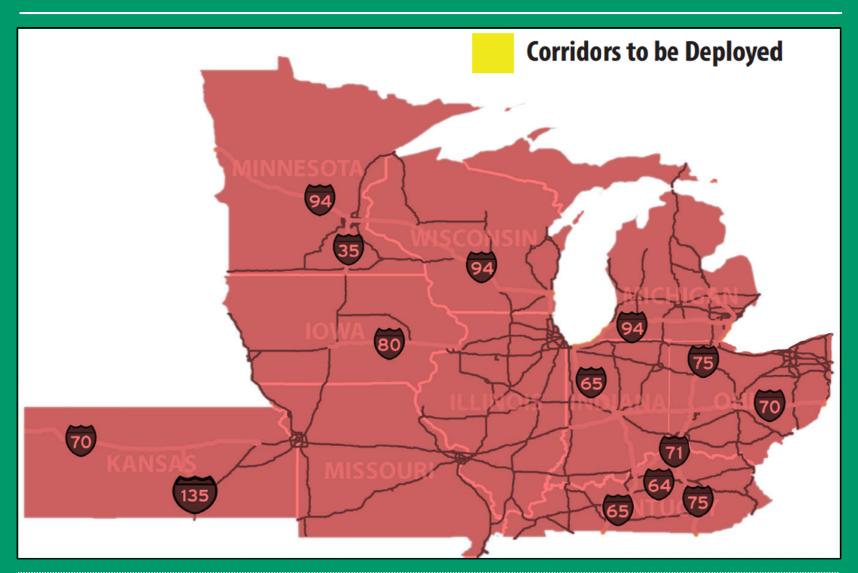
- Additional \$6.2 million obtained for overall TPIMS initiative.
  - \$1 million was allocated for Ohio
- Allowed addition of Belmont Co. sites
  - 2 Rest Areas / 2 Dynamic Signs



# Parking Perspective . . .



# Parking Perspective . . .



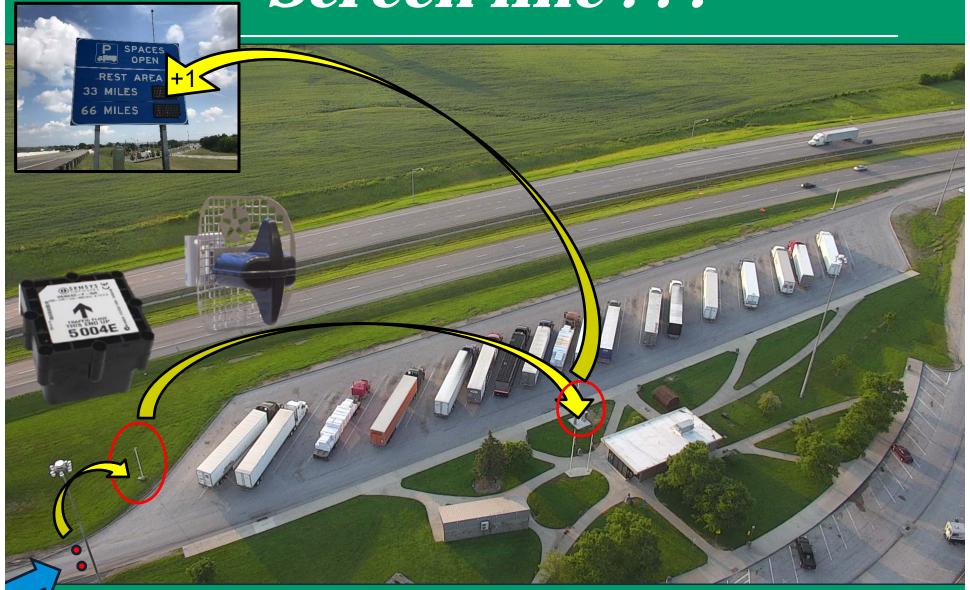


# The Concept . . .

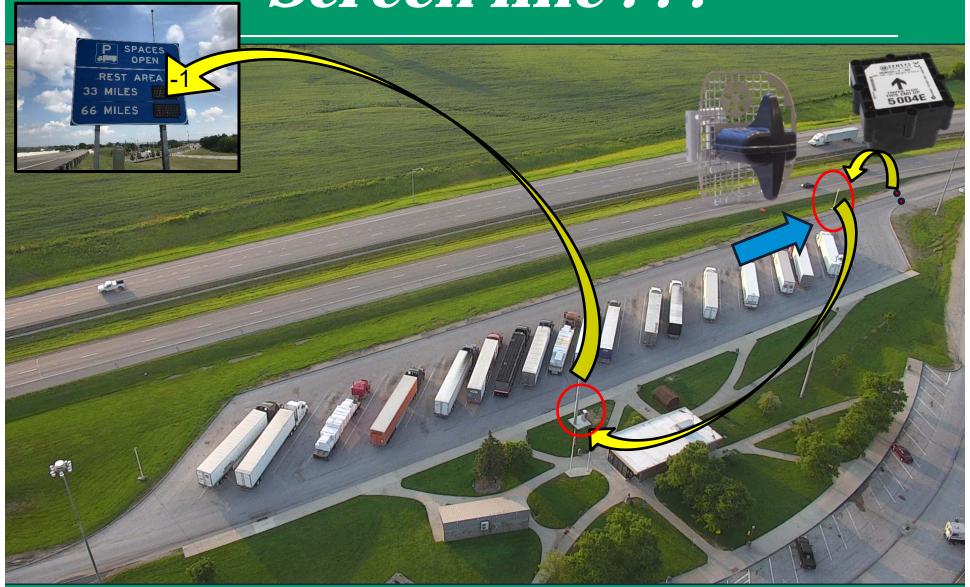




#### Screen line . . .



#### Screen line . . .





#### Verification . . .

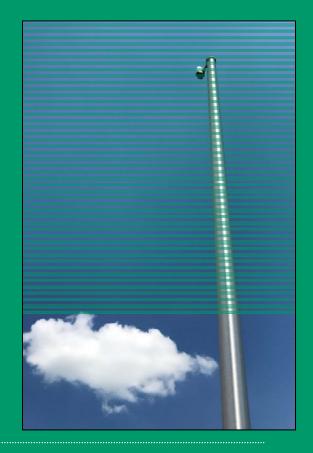




#### Is that a Camera . . .

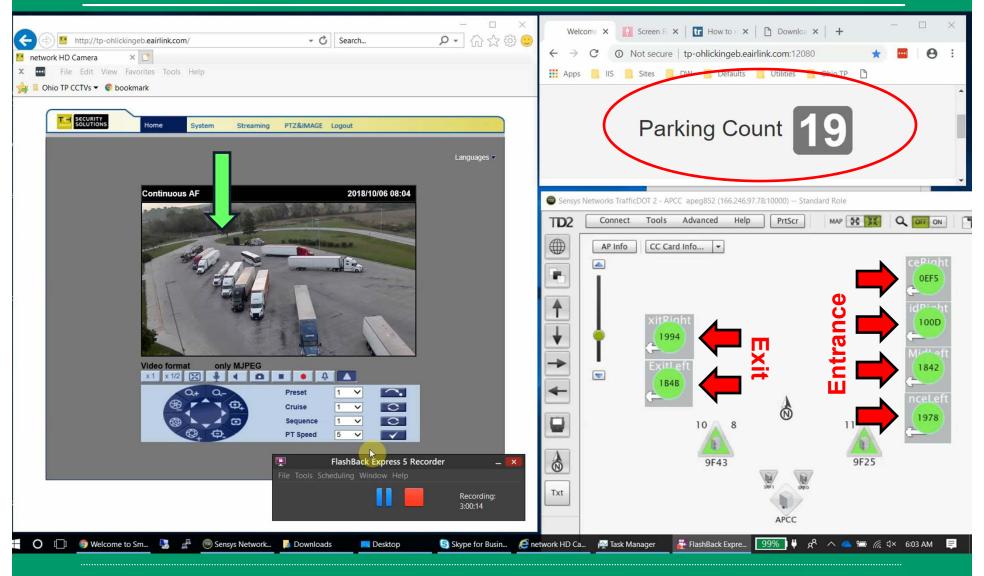
#### Hey Point that Thing Over Here!

- ODOT by default wants them pointed toward roadway
- OSP requested to have them pointed toward buildings/car parking area
- Footage requested by private citizen's/Insurance Firms



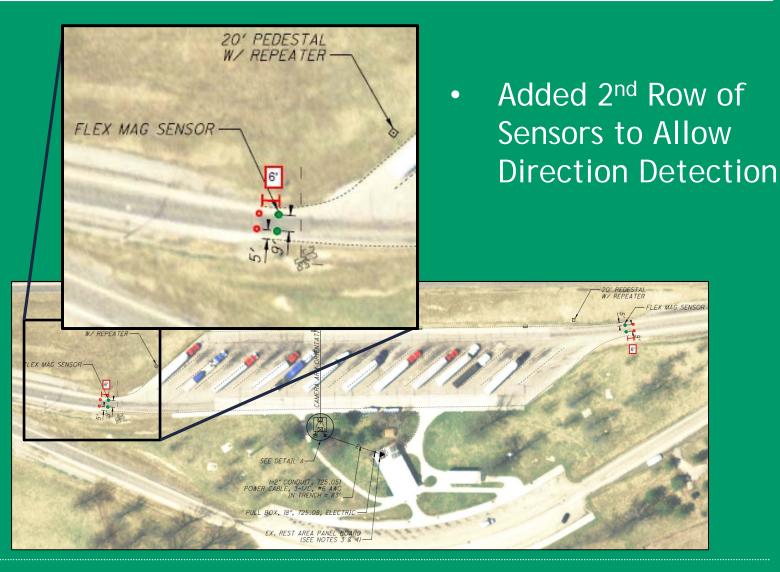


# Accuracy Issue #1...





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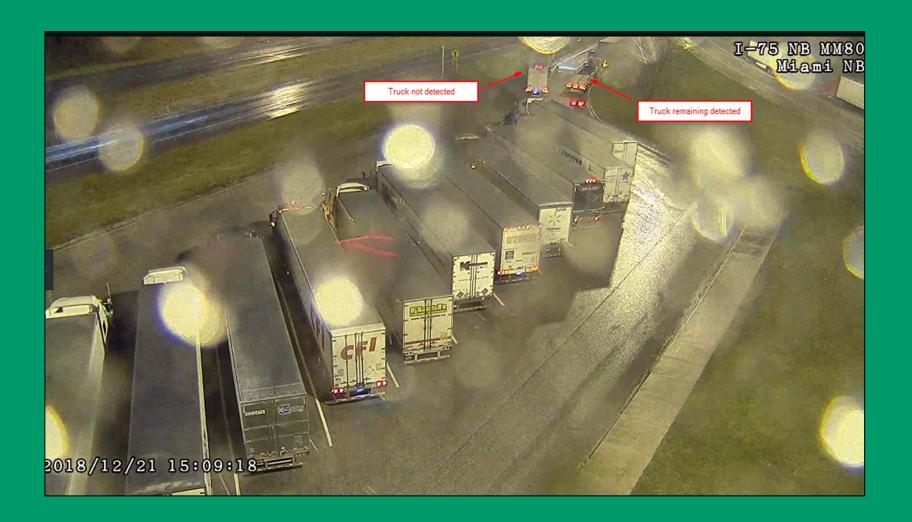


# Accuracy Issue #2...



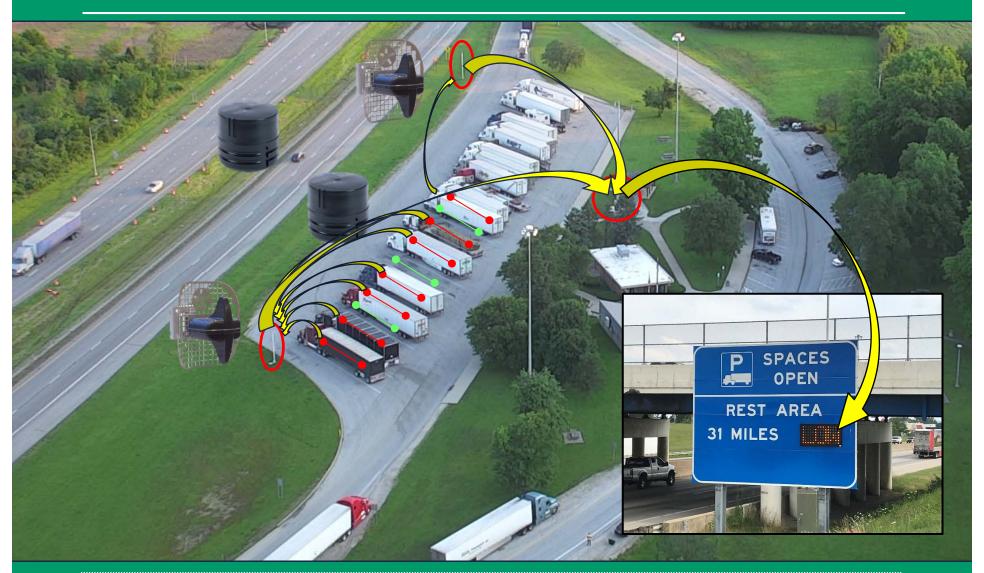


# Accuracy Issue #2...





# Occupancy...





# Accuracy Issue #3...



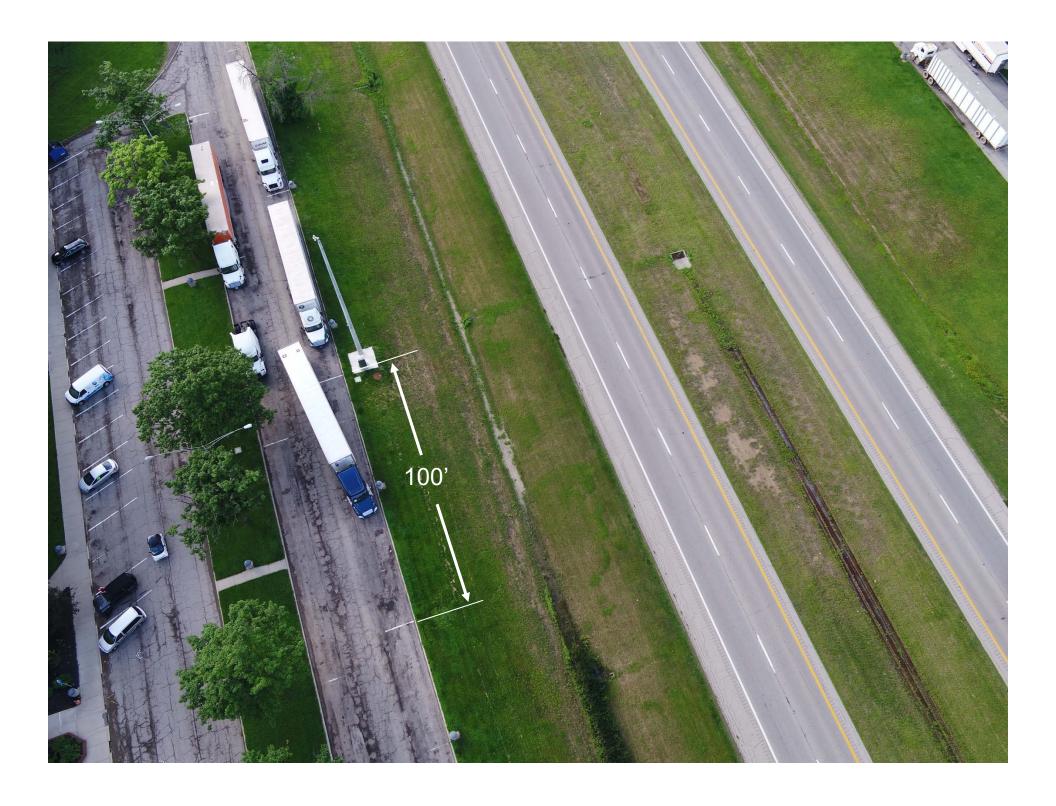


## Accuracy Issue #3...

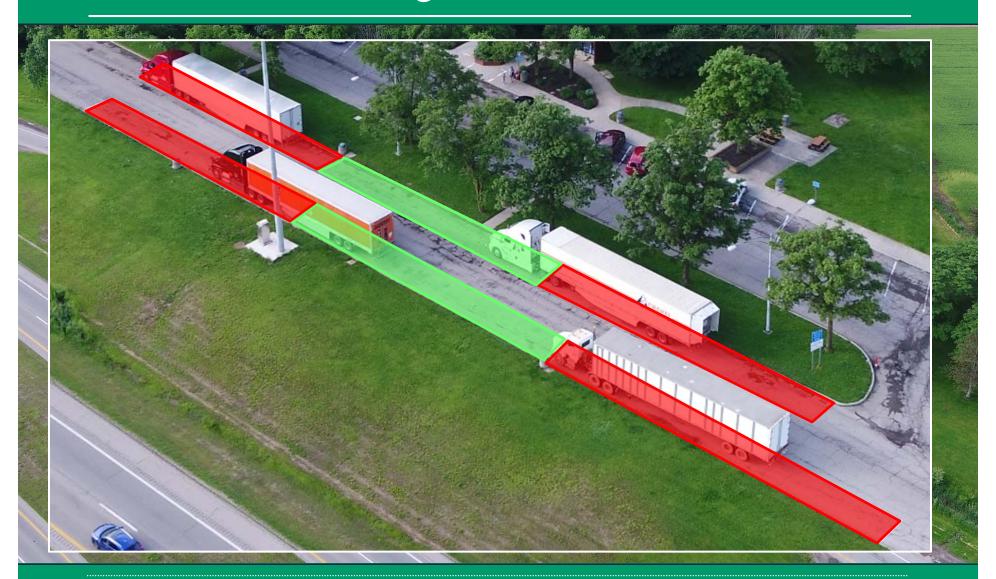


- Originally laid out for 12 spaces 60' each
- Modified to be 7 spaces 100' each



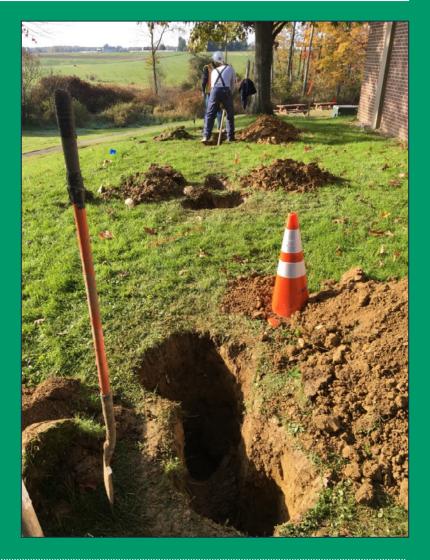


# Accuracy Issue #3...



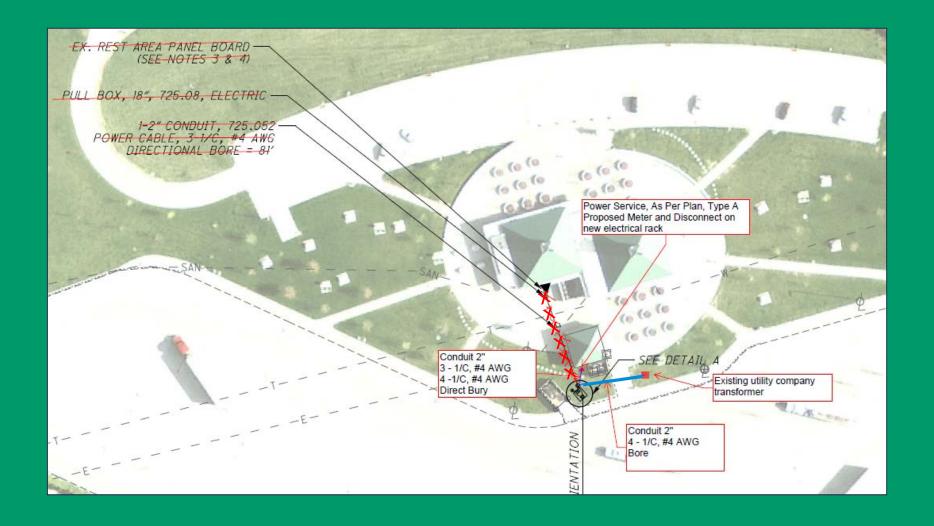
#### New Meets Old . . .







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# Still Open for Business . . .







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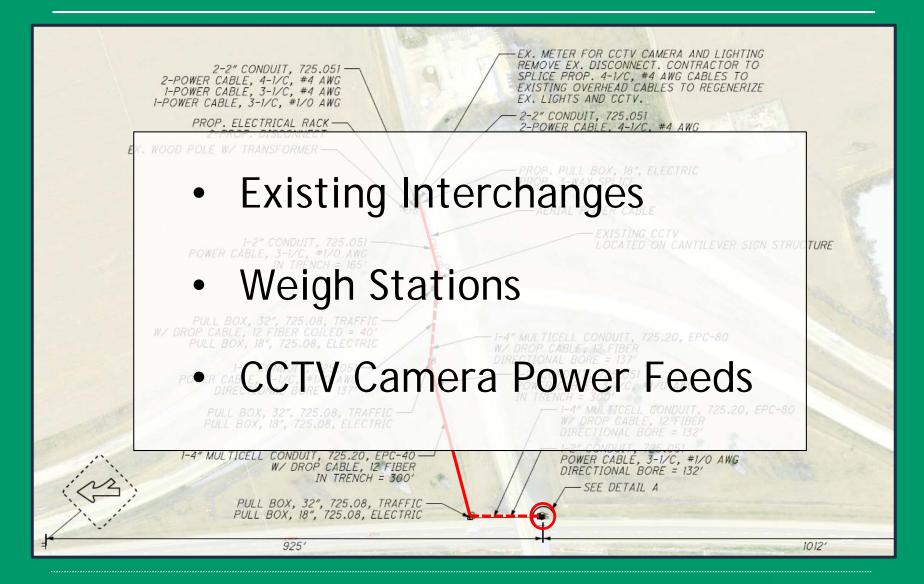


#### Power...From Where?





#### Power... From Where?





# Power...From Where?







#### Power... From Where?





#### How Low is Low . . .



#### So Now What . . .

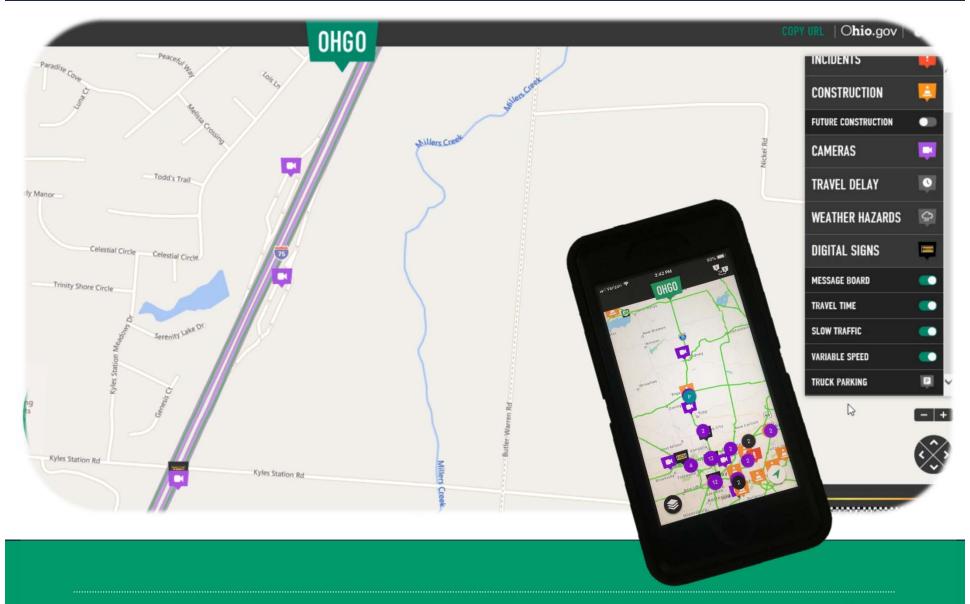
- 36 Month Maintenance Period
- Monitoring program
- Data Feed being analyzed by Mid-Atlantic Freight Coalition (MAFC)
- Sharing Data





# OHGO







#### So Now What . . .

- Continue the Partnerships
- Leverage the Data
- Expand the System
- Educate the Public
- Share Your Successes



Questions . . .



