An Introduction to Automated Flagger Assistance Devices

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What is an AFAD?

- Utilizes signs or a signal
- Gets the flagger off the road
- Enhances Safety
AFADs & the Indiana MUTCD

- STOP/SLOW type is allowed
- RED/YELLOW lens type not allowed
- Sections 6E.04 thru 6E.06
The Need for AFADs

- Flagging Issues
  out of 108 work zones from 2008 – 2012:
  - Improper Attire: 7%
  - No warning sign: 14%
  - Flagger not properly positioned: 30%
  - Improper Device: 12%

- Drivers make mistakes
Advantages

- Gets Flaggers out of harms way
- Single Flagger may be used

Substantial Investment (~ $30000 a set)
Developing Specifications

- Spec Under Development
- Based On:
  - IMUTCD Requirements & Recommendations
  - Owner Needs
Approved Products List to Support:
- Contractors
- INDOT Maintenance
- Local Agencies

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