2012 Work Zone Review

99th Annual Purdue Road School

Pat McCarty

March 5, 2013
General Information

- In 2012, 97 reviews were conducted on 95 different projects
- Quality Assurance
- Compliance with Specifications
Improvements

- Certified Work Site Traffic Supervisor Certificates
- Advanced speed limit warning signs
- Flagger position
- Flagger signs
- Added Penalty signs
“Flagger Ahead” Sign

Signs in place with no flagger present
- Breeds disrespect
- Motorist may disregard later

Signs not in place when flaggers were present
- No warning of a flagger!
- Placement
- Relocation
Flaggers Positioning

- Stand on the shoulder
- Escape route
- Move to the center?
- At intersections?
- Night time
- Shade
- Proximity to equipment
Flagger Devices

- Sign size and height
- Carts / dollies
- Lawn chairs / tailgates
- Distractions
Barrier Walls Delineation

Standard Specifications
602.03 (f) and 81.10 (d)
Speed Limit Assemblies

Speed Limit Advance Warning Signs
- Authorization
- Revisions to Indiana Code
Barricades

Missing or out-of-place barricades

- Maximum gap
- Use of other devices
- Gate keepers
Barricades

Orientation of Stripes
Logos on Barriers

Section 6F.63 Channelizing Devices…

Option: The name and telephone number of the highway agency, contractor, or supplier may be displayed on the non-retroreflective surface of all types of channelizing devices.

Standard: The letters and numbers of the name and telephone number shall be non-retroreflective and not over 2 inches in height.
Barricades

Stagger
Temporary Signs

Common problems with temporary signs

- Incorrect,
- Poorly placed or spaced,
- Obscured,
- Not properly covered,
- Mounted too low
“Added Penalty” Sign

- Required by Indiana Code
- Sometimes is not provided
- Should be located at start of project
Channelizing Devices

Condition
Channelizing Devices

Position
Channelizing Devices

Maintenance
Channelizing Devices

Retro-reflective Striping
Changeable Message Signs

- Caution Mode
- Message Content
- Number of Phases
Arrow Boards

- Dimmers
- Non-working Bulbs
Merge Tapers

- Length
- Alignment
- Gaps
- Return shift sign
- Optional sign for short tangents (W24-1)
Temporary Pavement Markings

- **Condition**
- **Remove conflicting markings**
Plan Design

Detours

Standard Drawing 801-TCDT-03
Mailboxes

Standard Specification 611.03

...shall be securely mounted to an empty 55 gal. (208 L) metal drum.
WORK ZONE PROGRESS ON

Questions??????

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