

## Appendix E

### **Traffic & Roadway Services Maintenance Requirements Regarding Licensed Professionals:**

MAINTENANCE REPAIR DRAWINGS, PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, OR CALCULATIONS REQUIRE A LICENSED PROFESSIONAL FOR THE FOLLOWING:

#### **TRAFFIC MAINTENANCE ACTIVITIES**

##### *Striping/Legends:*

- Major reconstruction or major lane modification that changes the intent of the design
- New legend installations except those supplemental additions to improve the existing feature (i.e. supplemental bike lane symbols)

##### *Signs and Sign Supports:*

- New permanent sign installation or removal of signs<sup>2</sup>
- Structural design of new permanent sign supports<sup>3</sup>

##### *Signals:*

- Traffic signal operations design elements report
- Traffic signal plans and installations
- Permanent Traffic Signal Timing Deviations – Deviations from ODOT TSP&G, MUTCD should and shall conditions, and STE/RTE operational approvals
- Wiring diagrams
- New installation of flashing beacons

##### *Illumination:*

- New highway illumination installation, plans, and calculations
- Removal of highway illumination
- Changing the type of illumination heads
- Structural modification to luminaire poles

##### *Intelligent Transportation Systems (ITS):*

- ITS construction plans and calculations
- Structural modifications to ITS features

#### **ROADWAY MAINTENANCE ACTIVITIES**

- New guardrail installation that changes the existing location
- Permanent removal of guardrail
- Travel lane additions or modifications
- Roadway geometry changes

#### **MISCELLANEOUS**

- Access Management Program (see TSB11-02(D))
- Transportation Development (see TSB11-02(D))

THE FOLLOWING MINOR REPAIR PROJECTS ARE EXAMPLES OF WHEN A LICENSED PROFESSIONAL IS NOT REQUIRED:

#### **TRAFFIC MAINTENANCE ACTIVITIES**

##### *Striping/Legends:*

- Restriping or maintaining existing striping to existing configuration or current standard
- Existing legend repair or maintenance to restore its existing condition
- Legend supplemental additions to improve the existing feature (i.e. supplemental bike lane symbols)

##### *Signs and Sign Supports:*

- Repair or maintenance that restores sign and sign support to its existing condition

## Appendix E

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- Replacement of sign and sign support to restore sign to its existing condition
- Replacement upgrade of sign and sign support according to current standards
  
- NOTE: All new signs and sign support installations within the clear zone<sup>1</sup> require a professional of record or pre-stamped document guidance.

### *Signals:*

- Traffic signal maintenance that restores signal to existing condition or current standard
- Restoring traffic signal timing to most current engineered timing
- Flashing beacon maintenance to restore beacons to their existing condition or current standard

### *Illumination:*

- Maintenance of existing luminaires or restoration to maintain the existing condition or current standard

### *Intelligent Transportation Systems (ITS):*

- ITS feature maintenance to maintain existing feature condition or current standard

### **ROADWAY MAINTENANCE ACTIVITIES**

- Guardrail maintenance and repair that restores the feature to its existing condition
- Upgrade guardrail end terminal to current standards
- Shoulder work including the following:
  - Correcting rutted shoulders, restoring the cross section shape, removing build up debris or unwanted vegetation, restoring drainage, and repairing shoulder erosion

### Definitions:

1 – Clear Zone – Defined by the ODOT highway design manual, consult a registered professional for more information.

2 – Sign – The rigid substrate (aluminum or plywood) and the legend and symbols affixed to the substrate.

3 – Sign Support – Includes the supporting elements for a sign (i.e. post, foundation, and connections).

### Decision Meeting Attendees:

Decision Meeting Date: 05/09/2013

Bob Pappé, State Traffic/Roadway Engineer  
Doug Bish, Traffic Services Engineer  
Dave Polly, Senior Standards Engineer  
Mike Kimlinger, Traffic Standards Engineer  
Scott Cramer, Traffic Signal Engineer  
Luci Moore, State Maintenance & Operations Engineer  
Ace Clark, Assistant District 12 Manager