

Traffic Control Guidelines (Emphasis Points)

PIN _____ Project: _____
Location: _____

1. Sign Condition and MUTCD Consistency -

2. Unneeded Signs -

3. Low-Mounted Signs -

4. Advance Warning Signs -

5. Sign Visibility -

6. Flagger Signs -

7. Flagger Control -

8. Pedestrian and Worker Safety -

9. Merge Taper Lengths -

10. Temporary Concrete Barrier -

11. Pavement Bumps -

12. Temporary Sign Supports -

13. Channelization Devices -

Inspected by: _____ Date: _____
Area Engineer

MP&T Emphasis Points Guidance

- 1. Sign Condition and MUTCD Consistency**
 - Refer to *Quality Standards for Work Zone Traffic Control Devices* for acceptable condition levels.
 - Faded and deteriorated panels not acceptable.
 - Reflectorization in good condition and clean.
 - Non-standard legends not acceptable
 - Non-standard colors not acceptable
 - Signs look as they appear in MUTCD §6F, see attached pages 6F-1 to 6F-2 and 6F14 to 6F20.
- 2. Unneeded Signs**
 - Fully covered, removed, or otherwise completely eliminated from driver's view.
 - Flagger signs covered/removed when flagger is not present.
- 3. Low-Mounted Signs**
 - No low mounted signs permitted, except for flexible panels meeting current specifications.
 - Adhere to MUTCD §6F, for details see attached pages 6F4 and 6F6.
- 4. Advance Warning**
 - No overlapping, conflicting or unneeded advance warning signs.
 - Refer to MUTCD Appendix 6H for layout reference details, see attached various pages 6H4 to 6H79 for typical approach diagram layouts.
- 5. Sign Visibility**
 - Not hidden by foliage, roadway geometry or other signs.
 - Approach sight distance is adequate.
- 6. Flagger Signs**
 - Used only when flagger is present and visible to the motorist. They must be covered or removed at all other times.
 - Adhere to attached MUTCD page 6E-2.
- 7. Flagger Control**
 - Stop/Slow paddles are to be used where appropriate.
 - Flaggers must be positioned to provide adequate visibility and to enhance the safety of the flaggers.
 - Adhere to MUTCD §6E, see attached pages 6E3 and 6E4.
 - Refer to __DOT EI 93-022, Flagger Station Enhanced Setups for further guidance.
- 8. Pedestrian and Worker Safety**
 - Reasonably smooth, continuous, safe and convenient travel way provided and maintained for anticipated bicycle and pedestrian traffic at all times.
 - Adhere to MUTCD §6D, see attached pages 6D-1 to 6D-5.
 - Refer to State spec for further guidance.
- 9. Merge Taper Lengths**
 - Location of tapers should provide optimal visibility to approaching motorists.
 - Meet minimum requirements in MUTCD §6C-08, see attached pages 6C-9 to 6C-11.
 - Refer to State Spec for further guidance.
- 10. Temporary Concrete Barrier**
 - End flared minimum of 12 feet away from pavement on high-speed roads, if not flared, must be protected by impact attenuator device.
 - Barrier-flares preceded by channelizing devices and buffer spaces.

- Barrier runs designed to fully protect the hazard.
- Adhere to State spec

11. Pavement Bumps

- Reasonably smooth riding surface maintained.
- Transverse pavement joints and paving rebates must be treated with temporary shims (60:1 taper).
- "Bump Ahead" signs posted upstream on approach.
- Channelizing device or object marker placed at bump.

12. Temporary Sign Supports

- All temporary supports not protected by guiderail must meet requirements of State Standard Specifications.
- Type A metal supports must meet State Standard Material Specifications
- Stub heights must not exceed 100 mm (4").

13. Channelizing Devices

- Good physical condition.
- Placed at outer limits of the roadway available for use by vehicles.
- Adhere to MUTCD Chapter 6F see attached pages 6F41 to 6F43.
- Refer to State Spec for further guidance.

MP&T Emphasis Points Reference

1. Selected FHWA Millennium MUTCD Sections

- **Chapter 6C, Temporary Traffic Control Elements**
Traffic Control Plans, Traffic Control Zones, Components of Work Zones, Tapers, Detours and Diversions, Pilot Car
- **Chapter 6D, Pedestrian and Worker Safety**
Pedestrian Considerations, Worker Considerations
- **Chapter 6E, Flagger Control**
Flagger Qualifications, High-Visibility Clothing, Hand-Signaling Devices, Flagger Procedures, Flagger Stations
- **Chapter 6F, Temporary Traffic Control Zone Devices**
Types of Devices; General Sign Characteristics; Sign Placement; Sign Maintenance; Warning Sign Function, Design, and Application; Channelizing Devices; Cones; Tubular Markers
- **Chapter 6H, Typical Work Zone Applications**
Distance Between Advance Warning Signs, TA-1 Work Beyond the Shoulder, TA-10 Lane Closure on Two-Lane Road Using Flaggers, TA-11 Lane Closure on Low-Volume Two-Lane Road, TA-11 Lane Closure on Two-Lane Road Using Traffic Control Signals, TA-35 Mobile Operation on Multilane Road, TA-36 Lane Shift on Freeway, TA-37 Double Lane Closure on Freeway, TA-38 Interior Lane Closure on Freeway, TA-45 Temporary Reversible Lane Using Movable Barriers

2. State DOT Engineering Instructions, Bulletins and Directives

List references

3. Miscellaneous State DOT Reference Material

List references