



OFFICE MEMORANDUM

DATE: June 26, 2012

TO: Region Engineers
Region Associate Operations Engineers
Region Construction Engineers
TSC Construction Engineers
TSC Managers
Region Traffic, Safety and Operations Engineers

FROM: Gregory C. Johnson, P.E.
Chief Operations Officer

Randy R. Van Portfliet, P.E.
Bureau Director of Field Services

SUBJECT: Bureau of Highway Instructional Memorandum 2012-07
Type D Lights on Plastic Drum Channelizing Devices
(Supersedes BOH IM 2010-11)

Project design and construction staff is to follow the following guidelines for usage of Type D lights on plastic drums in MDOT construction work zones.

1. These guidelines apply to MDOT owned roadways and facilities in all areas of the state including freeway and non-freeway projects. This document and associated guidelines do not apply to utility projects, maintenance work, and permitted work on MDOT trunklines, nor do they apply to local agency projects.
2. Lights on plastic drums are to be used and specified when the TSC Construction Engineer or Project Design Engineer determine that an area of the work zone warrants usage of lights on plastic drums.
3. Design staff is to include appropriate pay item quantities, plan notes, and/or verbiage in the special provision for maintaining traffic as to where lights on drums are required to be placed.
4. Lights are to be fully functioning at the time of initial installation and at stage changes during the project. The operating light compliance during field reviews is to be 95 percent of the total number of lights on plastic drums. There should be no more than three adjacent lights that are non-operational at any time. These requirements are to be enforced statewide in accordance with the Special Provision for Traffic Control Quality and Compliance. Documented notification of non-functioning lights is to be provided to the prime contractor and the traffic control supplier.

5. If written notification of non-functioning lights is given prior to 12:00 p.m. (noon), 95 percent compliance will be required within the same day before 12:00 a.m. (midnight).
6. If notice is given after 12:00 p.m. (noon), 95 percent compliance must be attained as soon as possible, but no later than 11:59 p.m. of the following day.
7. A contract price adjustment of \$100 per hour for every hour the lights are non-functioning or corrective action remains incomplete after the compliance period, is to be processed for failure to be in compliance per the time frames as noted above. The \$100 per hour assessment is not per individual light, but is based on the overall notification of non-compliant lights.
8. These guidelines are effective for all MDOT trunkline projects let on and subsequent to the October 5, 2012, letting.

If you have any questions please contact Chris Brookes, Work Zone Delivery Engineer at 517-373-6281 or brookesc@michigan.gov or Angie Kremer, Traffic Incident and Work Zone Management Unit Manager at 517-241-4970 or kremera@michigan.gov.

Chief Operations Officer

Bureau Director of Field Services

FHWA Approval: 06/25/2012

BOFS:CFS:JIG:mn

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