

Call 03 Intersection Improvements on US 61 at Oak Ridge Road, known as Federal Aid Project No. HSIP-0009-02(078) / 106418301 in Warren County.

Q1. Low mast lighting assembly detail on sheet EL-2 shows a Holophane Mongoose off-roadway flood. The bid item 638-b shows 30 'shaft with 12' arms which typically you would mount a cobra head on this assembly. Is MDOT wanting flat glass cobra head or is lighting assembly w/12' arm incorrect?

A1. The Pay Item 683-B003 for a Type 30-1-12-250 low mast lighting assembly is correct. Detail 3 on sheet 4002 (EL-2) should be labeled as "typical". While most of the installations of the Mongoose fixture have it at some tilt, there are times when it is mounted level (as shown in the detail). Detail 3 on sheet 4004 (EL-4) shows the full lighting assembly (fixture, arm and pole). A flat glass roadway fixture that meets Red Book specifications and provides the required light levels can be submitted for review and acceptance.

Q2. Will a screw-in foundation be acceptable for the low mast lights?

A2. No, the foundation must comply with Special Provision 907-684-1 in the proposal.