



INDIANA DEPARTMENT OF TRANSPORTATION

Design Memo No. 26-10

April 23, 2026

TO: All Design Personnel and Consultants

FROM: */s/ Joe Bruno*
for David Boruff
Manager, Office of Traffic Administration
Traffic Engineering Division

SUBJECT: Highway Lighting Updates

REVISES: *Indiana Design Manual/Chapter 502*

Revision Type	Sections Affected
Revised Sections	502-4.03(01), 4.03(02), 4.03(04), 4.05, 4.05(02), 4.06(05), and 4.07
Revised Figures	502-4A, 4E, 4I, 4O, 4R, and 4S
Deleted Figures	502-4B, 4C, 4D, and 4P

EFFECTIVE: Lettings on or after December 1, 2026

Indiana Design Manual (IDM) [Chapter 502](#) has been updated to comply with the AASHTO *Solid-State Lighting Guide*. A summary of IDM revisions is provided for reference on the following pages. The summary is not comprehensive but focuses on the more notable changes.

Questions about project-specific applications should be discussed with the appropriate District Traffic Engineer.

For general questions regarding the lighting updates, please contact David Boruff, Office of Traffic Administration Manager, at dboruff@indot.in.gov.

Section Affected	Description
502-4.02 INDOT Roadway Lighting Policy [Added]	Reference added to the policy.
502-4.03 Lighting Equipment	Figures <ul style="list-style-type: none"> • 502-4A: Typical Light Pole Installation
502-4.03(01) Foundation	Standard designs are detailed in the standard drawings. Alternative designs may be needed for soft soils.
502-4.03(02) Light Pole	Updated and added design criteria.
502-4.03(04) Luminaire	Updated source types.
502-4.03(05) Other Equipment	Updated system design elements.
502-4.05 Design Procedure	Updates from source and design element updates.
502-4.05(02) Design Process	Updated analysis due to high-mast tower updates and updated plan requirements.
502-4.06(02) Design Criteria	Figures <ul style="list-style-type: none"> • 502-4E: Illuminance Design Criteria
502-4.06(03) Equipment Considerations	Figures <ul style="list-style-type: none"> • 502-4I: Plan View for Luminaire Coverages
502-4.06(05) Roadside-Safety Considerations	Updates to high-mast tower. Figures <ul style="list-style-type: none"> • 502-4O: Pole Clearances for Ramp Gores
502-4.06(07) Voltage-Drop Determination	Figures <ul style="list-style-type: none"> • 502-4R: Voltage Drop Calculations Example
502-4.07 High-Mast Lighting Design	Updates to lighting source type, effective mounting height, arrangement of luminaires, and foundation and soil testing. Figures <ul style="list-style-type: none"> • 502-4S: Number of Luminaires & Shields for High-Mast Tower
502-4.08 Lighting at Roundabouts and Alternative Intersections	Figures <ul style="list-style-type: none"> • 502-4U: Median U-Turn Intersection Lighting