

# Design Advisory

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## Updated Details for Light Standards

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### Index:

Road Design Manual  
9.03.01E.

*This advisory is superseded by any subsequent revisions to the references listed in this index.*

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This Design Advisory serves as notification that several details for light standards have recently been updated. *Light Standard Details* (non-frangible base), *Frangible Transformer Base Details*, and *Square Aluminum Light Standard Details* have all been updated and can be obtained from the Design - Municipal Utilities Unit. Most of the updates relate to the connection of the light standards to foundations.

Inspections of light standards throughout the state have revealed accelerated corrosion and deterioration of anchor bolts, base plates, and poles which can be attributed to the presence of nut covers or base covers. These covers should not be used as they trap moisture and debris, and significantly reduce service life of the entire structure.

All light standards must be detailed on the design plans using the most up to date versions. Shop drawings and design calculations for all light standards are to be submitted to the Design - Municipal Utilities Unit and the MDOT Structural Fabrication Unit - Operations Field Services Division for review and subsequent approval by the project manager. This applies to all light standards whether or not the details are developed and provided by MDOT.