

Design Standards Letter

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Section/Plan No.: **None**

Subject: **Highway Lighting**

Body

TO ALL DIVISION, DISTRICT AND URBAN ENGINEERS:

There has been considerable discussion with the Bureau of Public roads regarding the warrants for interchange lighting on the Interstate System.

This letter will set forth the information required by this office for transmittal to the Bureau of Public Roads when cases F, G, H or J, as stated in Section 15 of the Design Manual are the warrants used to justify interchange lighting. You will be able to obtain the necessary data from the Division of Highway Planning. All data is to be submitted in duplicate including Form SP-21.

If you propose to justify lighting of an interchange with Case f or Case H you must state the year you expect the facility to be completed and submit a turning movement diagram showing the total traffic in each quadrant, forecast for the year the facility will be completed which will be used as the current ramp traffic to determine if the total ADT meets the criteria for Case F or H.

If you propose to justify lighting of an interchange with Case G or Case J you must state the year you expect the facility to be completed and submit a turning movement diagram showing the total traffic on the through traffic lanes, which will pass through the interchange and not use the ramps, forecast for the year when the facility will be completed.

In many instances, only a partial facility will actually be in existence at the time the lighting is being considered. However, estimates for short sections are not reliable and are no longer correct when additional sections are added. Therefore estimates are to be based on a completed Interstate facility.

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