

Design Standards Letter

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Effective Date: 08/20/1968

Section/Plan No.: None

Subject: Grade Separation Structure Vertical Clearance

Body

ALL DIVISION AND DISTRICT ENGINEERS AND CHIEF COUNSEL:

Effective immediately, grade separation structures shall be based on the following clearances:

Over State highways, including Intestate, (over 1700 ADT) 16' 6", including shoulders, except in highly developed urban areas.

*Over State highways, (under 1700 ADT) 15' 6", including shoulders.

*Selected routes to have 16' 6" clearance for continuity, regardless of design traffic as follows:

(1) The 16' 6" clearance will apply to all of the new principal arterial routes in addition to all of the new interstate routes as indicated on the attached map of the State Primary System of Highways. It is recognized that, on the above network, many structures exist which do not provide the 16' 6" clearance, but which do provide adequate clearance for the present legal maximum vehicle height

(2) That exceptions be made, both rural and urban, for any routes connecting to the systems above described where higher vehicles may be allowed. Structures involved in such situations should have the required clearance established at the time of design, but should not exceed 16' 6".

If any questions arise on the required clearance of any specific grade separation, the Division of Bridges should be consulted for their recommendation.

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