

VIRGINIA DEPARTMENT OF TRANSPORTATION

# STRUCTURE AND BRIDGE DIVISION

## INSTRUCTIONAL AND INFORMATIONAL MEMORANDUM

GENERAL SUBJECT: Structure Replacement Funding	NUMBER: IIM-S&B-87.2
SPECIFIC SUBJECT: Limitations on the use of Maintenance Funding for Structure Replacement Projects	Date: October 27, 2015
	SUPERSEDES: IIM-S&B-87.1
DIVISION ADMINISTRATOR APPROVAL:	
/original signed/ E. Kevin Gregg State Maintenance Administrator Approved: October 27, 2015	/original signed/ Kendal R. Walus, P.E. State Structure and Bridge Engineer Approved: October 27, 2015

IIM totally revised

### EFFECTIVE DATE

This Memorandum is effective immediately.

### DESCRIPTION

The purpose of this IIM is to establish guidance for the use of Maintenance Funds on bridge and Large Culvert replacement projects.

### CRITERIA FOR DETERMINING THE ELIGIBILITY OF A STRUCTURE REPLACEMENT

The following criteria must be met for a structure to qualify for Maintenance Funding:

- The structure must be classified as Structurally Deficient (SD) or have an element (deck, superstructure, substructure or culvert) with a general condition rating of 5 (on the verge of becoming SD).
- The structure must not have been replaced nor had rehabilitation during the past 10 years.
- The ratio of rehabilitation cost/replacement cost to be 65% or greater in order to replace a structure.

## **MAINTENANCE FUNDING LIMITATIONS**

- A District Bridge Program Area may use up to 25% of its annual maintenance funds for replacement projects. Non-NBI culverts are not to be included in the calculations of the 25% maximum. This level may be exceeded to address emergency situations with the approval of the District Maintenance Engineers.
- State Forces may perform structure replacement projects where the total costs do not exceed \$600,000. The project estimate at start of construction shall be no greater than \$550,000. State forces may use federal funds when an emergency exists and approval has been received by the FHWA Division Administrator or his/her representative.

## **DOCUMENTATION GUIDANCE**

All structure replacement projects are required to have documentation identifying the eligibility criteria used, approval from the District Maintenance Engineer (where applicable) and rehabilitation cost/replacement cost ratio calculations (where applicable).

CC: Chief Engineer  
Deputy Chief Engineer  
Division Administrators  
District Administrators  
District Construction Engineers  
District Maintenance Engineers  
Assistant State Structure and Bridge Engineers  
District Structure and Bridge Engineers  
Residency Engineers  
Structure and Bridge Program Managers  
FHWA – Bridge Section