

TO: MODIFIED BY EB 89-030 EFFECTIVE 9/8/89	<h1 style="margin: 0;">ENGINEERING BULLETIN</h1> <p style="margin: 0;">NEW YORK STATE DEPARTMENT OF TRANSPORTATION</p>
SUBJECT: Item 16567.41 - Field Vulcanized, Aggregate Reinforced Elastomer - Moratorium on Use. Subject Code 7.27 - 1 - 567; 7.35-6	
Distribution: 30 <input type="checkbox"/> Main Office 32 <input type="checkbox"/> Regions 34 <input type="checkbox"/> Special	Code: <u> E.B. 89-28 </u> Date: <u> 08/07/89 </u> Supersedes:
APPROVED: _____ <div style="text-align: center;"> <p>DEPUTY CHIEF ENGINEER (STRUCTURES)</p> </div>	

This Engineering Bulletin Expires N.A.

It has come to our attention that a significant quantity of field vulcanized, aggregate reinforced elastomer has failed either by debonding from the substrate, or by outright disintegration. Some of the failed material has been in place less than three years. None has been in place more than six years.

To date, thirteen bridges have been identified as being affected by the failure of this material. In aggregate, these structures represent some 4000± linear feet of elastomer placement. In addition, we have also learned that a significant quantity of this material has failed on the Tappan Zee Bridge; some 1500 linear feet of the 100 linear feet installed.

Failure is not confined to a single product. Of the four products permitted by item 16567.41, three are involved in failure and there is no assurance that the fourth product will not also become so involved.

Discussion with the Materials Bureau has established that the cause, or causes, of failure cannot be pinpointed at this time. Therefore, to prevent future losses, both monetary and in-service, this office will, until further notice, no longer permit the use of item 16567.41, or any item employing field vulcanized, aggregate reinforced elastomer, for structural work.

We have requested the Materials Bureau to perform an investigation of these failures. All parties will be kept apprised of any policy changes resulting from information supplied by the Bureau.

Any questions regarding this matter should be directed to Larry Johanson at (518) 457-2459.

	DIRECTOR	
	STENO SUPPORT	
ACTION	DESIGN BUREAU RECEIVED	INFO
	AUG 17 1989	
	IN-HOUSE DESIGN	✓
	CONSULTANT MGT.	
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