



**BRIDGE PROTECTION SYSTEMS ATTACHMENT**

**Email from MDTA dated June 13, 2024**

**Baltimore, MD**

**DCA24MM031**

**(2 pages)**

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**From:** James Harkness [REDACTED]  
**Sent:** Thursday, June 13, 2024 2:07 PM  
**To:** Daniel Walsh [REDACTED]  
**Cc:** Scott Parent [REDACTED]  
**Subject:** RE: Key Bridge Collapse

Hi Dan,

MDTA has not conducted a risk assessment of the Key Bridge using Method II as discussed in AASHTO Section 4 - Design Vessel Selection of the Guide Specifications and Commentary for Vessel Collision Design of Highway Bridges, Second Edition, 2009. MDTA does not have the original calculations or any subsequent calculations for the ultimate lateral capacities of Piers 17 and 18.

**Jim Harkness, P.E., PTOE**

Chief Engineer  
Maryland Transportation Authority  
Office of Engineering and Construction

[REDACTED]  
[REDACTED]