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SECTION 02450 – FOUNDATION AND LOAD-BEARING ELEMENTS

All work and materials shall conform to the Drawings and the provisions of MDOT SECTION 501 – FOUNDATION PILES with the following modifications:

*MODIFICATIONS:*

Section 501.03 Equipment for Driving Piles, Approval of Pile Driving Equipment - Second Paragraph, Add the following: The Contractor shall submit to the Resident for approval, wave equation analysis that is prepared by a licensed Professional Engineer showing that the proposed driving system is sized such that the specified piles can be driven to the required ultimate capacity, without damage.

Section 501.031 Fender and Float Pile Installation - Add the following: All fender and float piles shall be driven full length with either an impact or vibratory hammer as necessary. Pier 2 Berth 2 fender piles shall be driven directly through the pipe collar. Submit method for review and approval to protect the collar and pile during set-up and driving. The float piles for the Ro-Ro Ramp and Pier 2 Berth 2 shall be driven directly through the float pile hoops.

Section 501.05 -Replace first paragraph with the following: Pipe piles shall be driven closed ended, unless otherwise specified. When open ended pipe piles are specified or when the ends are not completely closed ended when driven, the inside of the pile need not be thoroughly cleaned out.

Second Paragraph, Add the following: The following pipe piles shall be filled with concrete: RO-RO Ramp abutment and approach slab piles, Pier A piles, Pier B piles and Pier C piles.

\*\*\* END OF SECTION \*\*\*