

## 6. Load Rating

Load ratings were developed for the PPMT structures to support the Port in evaluating existing and proposed future uses. The load ratings presented are based on the as-built condition (e.g., no damage condition). A summary of the load rating results for each structure is included in Table 10. Details for the Berth 5-8 load ratings are included in Attachment 8.2. Detailed calculations for the graving basin and finger pier structures are included in Attachment 8.6.

Table 10 Load Rating Summary

Structure	Allowable Live Load
Berths 5-6	Not Evaluated
Berths 7-8	50 psf except for at ramp loading areas: (200 psf Inner Wharf, 390 psf Outer Wharf)  AASHTO HS20-44 Vehicle Load
Graving Basins	550 psf without load spreading (deck capacity controls)  2000 psf with load spreading that puts load directly into columns
Finger Piers	500 psf <sup>†</sup>

<sup>†</sup> Per United States Army Corps of Engineers (USACE) Port Series No. 31

