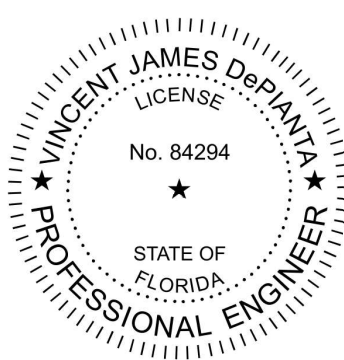


<b>Bridge No.</b>	<b>880077</b>	<b>Analysis Method:</b>	<b>LRFR-LRFD</b>	<b>FDOT Bridge Load Rating Summary Form (Page 1 of 1)</b>
<b>Location</b>	<b>Alma Lee Loy Bridge</b>			
<b>Description</b>	<b>Prestressed beam</b>			

Rating Type	Rating Type	Gross Axle Weight (tons)	Moment/Shear/Service	Dead Load Factor	Live Load Factor	Live Load Distrib. Factor (axles)	Rating Factor	Span No. - Girder No., Interior/Exterior, %Span Length	RF-Weight (tons)	
Level	Vehicle	Weight	Member Type	Limit	DC	LL	LLDF	RF	Governing Location	RATING
Inventory	HL93	36	Prestressed							37.1
Operating	HL93	36	Prestressed							49.7
Permit	FL120	60	Prestressed							
Permit Max Span	FL120	60	Prestressed							
Legal	SU2	17	Prestressed							
	SU3	33	Prestressed							
	SU4	35	Prestressed							
	C3	28	Prestressed							
	C4	36.7	Prestressed							
	C5	40	Prestressed							
Emergency Vehicle (EV)	ST5	40	Prestressed							
	EV2	28.75	Prestressed							
	EV3	43	Prestressed							

<b>Original Design Load</b>	<b>HS20 or HS20-S16-44</b>	<b>Performed by:</b>	<b>V. DePianta</b>	<b>Date:</b>	<b>02/11/21</b>	
<b>Rating Type, Analysis</b>	<b>LRFR-LRFD</b>	<b>Checked by:</b>	<b>E. Murray</b>	<b>Date:</b>	<b>02/15/21</b>	
<b>Distribution Method</b>	<b>AASHTO Formula</b>	<div style="text-align: center;">  <p>THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>Vincent J DePianta</b>  <b>2021.02.19</b>  <b>15:51:17-05'00'</b> </div> <p><small>ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC COPIES. VOLKERT, INC. 2300 HAITLAND CENTER PKWY, SUITE 122 HAITLAND, FL 32751 VINCENT JAMES DePIANTA, P.E. NO. 84294</small></p> </div>				
<b>Impact Factor</b>						(axle loading)
<b>FL120 Gov. Span Length</b>						(feet)
<b>Minimum Span Length</b>						(feet)
<b>Recommended Posting</b>	<b>At/Above legal loads. Posting Not Required.</b>					
<b>Recommended SU Posting</b>						(tons)
<b>Recommended C Posting</b>						(tons)
<b>Recommended ST5 Posting</b>						(tons)
<b>Owner</b>	<b>01 State Highway Agency</b>					
<b>Location</b>	<b>Neither interstate traffic nor within 1 mile reasonable access to an interstate</b>					
<b>EV Posting</b>	<b>No. EV posting is not recommended. The FAST Act does not apply</b>					
<b>Floor Beam Present?</b>	<b>No</b>					
<b>Segmental Bridge?</b>	<b>No</b>					
<b>Project No. &amp; Reason</b>	<b>NA</b>	<b>Deterioration</b>				
<b>Plans Status</b>	<b>Built</b>					
<b>Comments:</b> Currently the Westbound lanes of Bridge No. 880077, which include [REDACTED] are closed due to the on going repairs. This load rating summary is for the open lanes of travel on the Eastbound side of the bridge [REDACTED] [REDACTED] was use per MBE 6A.4.2.3-1 and C6A4.2.3. Simplified Shear Method was used LRFD 7th ed 5.8.3.4.3. As of 2/19/21 the controlling load rating in the section of bridge open to traffic is for [REDACTED]						

This 01-01-2021 summary follows the FDOT Bridge Load Rating Manual (BLRM), and the FDOT BMS Coding Guide.  
\*Recommended SU Posting levels for Florida SU trucks adequately restricts AASHTO SU trucks; see BLRM Chapter 7.