

<b>project:</b>	Jeremiah Morrow Bridge							
<b>rating type:</b>	Operating Load Rating							
<b>summary of rating in the longitudinal direction</b>								
<b>Load Rating Result longitudinal</b>								
<b>Minimum Rating Factor In Longitudinal</b>								
<b>LOCATION OF MEMBER WITH MINIMUM Rating Factor</b>								
45 tons	Web Shear Controls							
<b>Capacity on Loading Rating</b>								
<b>Capacity in tons</b>								
<b>NODE</b>	<b>service condition</b>					<b>strength check</b>		
	<b>top stress max</b>	<b>top stress min</b>	<b>bottom stress max</b>	<b>bottom stress min</b>	<b>web principle stress</b>	<b>moment max</b>	<b>moment min</b>	<b>web shear</b>
<b>summary</b>	<b>100 tons</b>	<b>76 tons</b>	<b>72 tons</b>	<b>63 tons</b>	<b>60 tons</b>	<b>100 tons</b>	<b>84 tons</b>	<b>45 tons</b>
99					100 tons	100 tons	100 tons	100 tons
100		100 tons	100 tons		100 tons	100 tons	100 tons	100 tons
100		100 tons	100 tons		60 tons	100 tons	100 tons	100 tons
101	100 tons	100 tons	100 tons	100 tons	65 tons	100 tons	100 tons	51 tons
101	100 tons	100 tons	100 tons	100 tons	71 tons	100 tons	100 tons	53 tons
102	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	63 tons
102	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	63 tons
103	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	63 tons
103	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	45 tons
104	100 tons	100 tons	100 tons	81 tons	100 tons	100 tons	100 tons	45 tons
104	100 tons	100 tons	100 tons	81 tons	100 tons	100 tons	100 tons	45 tons
105	100 tons	100 tons	100 tons	71 tons	100 tons	100 tons	100 tons	45 tons
105	100 tons	100 tons	100 tons	71 tons	100 tons	100 tons	100 tons	45 tons
106	100 tons	100 tons	100 tons	78 tons	100 tons	100 tons	100 tons	45 tons
106	100 tons	100 tons	100 tons	78 tons	100 tons	100 tons	100 tons	45 tons
107	100 tons	100 tons	100 tons	76 tons	100 tons	100 tons	100 tons	45 tons
107	100 tons	100 tons	100 tons	76 tons	100 tons	100 tons	100 tons	63 tons
108	100 tons	100 tons	100 tons	86 tons	100 tons	100 tons	100 tons	54 tons
108	100 tons	100 tons	100 tons	86 tons	100 tons	100 tons	100 tons	54 tons
109	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	51 tons
109	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	51 tons
110	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	50 tons
110	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	50 tons
111	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	49 tons
111	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	50 tons
112	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	49 tons
112	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	50 tons
113	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	50 tons
113	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	51 tons
114	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	51 tons
114	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	51 tons
115	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	51 tons
115	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	54 tons
116	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	54 tons
116	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	55 tons
117	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	59 tons
117	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	50 tons
118	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	49 tons
203	100 tons	97 tons	81 tons	100 tons	100 tons	100 tons	100 tons	48 tons
204	100 tons	98 tons	84 tons	100 tons	100 tons	100 tons	100 tons	48 tons
204	100 tons	98 tons	83 tons	100 tons	100 tons	100 tons	100 tons	55 tons









Capacity on Loading Rating								
Capacity in tons								
NODE	service condition					strength check		
	top stress max	top stress min	bottom stress max	bottom stress min	web principle stress	moment max	moment min	web shear
613	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	63 tons
613	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	63 tons
614	100 tons	100 tons	100 tons	97 tons	100 tons	100 tons	100 tons	63 tons
614	100 tons	100 tons	100 tons	97 tons	100 tons	100 tons	100 tons	45 tons
615	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	45 tons
615	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	45 tons
616	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	45 tons
616	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	63 tons
617	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	100 tons	63 tons
617	100 tons	100 tons	100 tons	100 tons	99 tons	100 tons	100 tons	63 tons
700		100 tons	100 tons		92 tons	100 tons	100 tons	63 tons