

Rating Results Summary Report

Name: Bridge Street over Conotton Cre...  
Struct-Def: Single Span PS Box Beams

Bridge ID: 3431790  
Member: G2

NBI: 3431790  
Member alt: Interior Beam

Live Load	Live Load Type	Rating Method	Rating Level	Load Rating (Ton)	Rating Factor	Location (ft)	Location Span-(%)	Limit State	Impact	Lane
EV2	Axle Load	LRFR	Legal	123.47	4.295	41.50	1 - (50.0)	STRENGTH-I Concrete Flexure	As Requested	As Requested
EV3	Axle Load	LRFR	Legal	143.34	3.334	41.50	1 - (50.0)	STRENGTH-I Concrete Flexure	As Requested	As Requested
HL-93 (US)	Truck + Lane	LRFR	Inventory	53.81	1.495	41.50	1 - (50.0)	SERVICE-III PS Tensile Stress	As Requested	As Requested
HL-93 (US)	Truck + Lane	LRFR	Operating	92.63	2.573	41.50	1 - (50.0)	STRENGTH-I Concrete Flexure	As Requested	As Requested
HL-93 (US)	Tandem + Lane	LRFR	Inventory	62.50	1.736	41.50	1 - (50.0)	SERVICE-III PS Tensile Stress	As Requested	As Requested
HL-93 (US)	Tandem + Lane	LRFR	Operating	107.59	2.989	41.50	1 - (50.0)	STRENGTH-I Concrete Flexure	As Requested	As Requested
OH-2F1~1	Axle Load	LRFR	Legal	114.00	7.600	41.50	1 - (50.0)	STRENGTH-I Concrete Flexure	As Requested	As Requested
OH-3F1~1	Axle Load	LRFR	Legal	116.30	5.056	41.50	1 - (50.0)	STRENGTH-I Concrete Flexure	As Requested	As Requested
OH-5C1	Axle Load	LRFR	Legal	169.22	4.230	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	As Requested	As Requested
RPL 60T	Axle Load	LRFR	Permit	250.24	4.171	6.00	1 - (7.2)	STRENGTH-II Concrete Shear	As Requested	As Requested
RPL 65T	Axle Load	LRFR	Permit	216.14	3.325	6.00	1 - (7.2)	STRENGTH-II Concrete Shear	As Requested	As Requested
SU4	Axle Load	LRFR	Legal	119.08	4.410	41.50	1 - (50.0)	STRENGTH-I Concrete Flexure	As Requested	As Requested
SU5	Axle Load	LRFR	Legal	123.01	3.968	41.50	1 - (50.0)	STRENGTH-I Concrete Flexure	As Requested	As Requested
SU6	Axle Load	LRFR	Legal	123.46	3.553	41.50	1 - (50.0)	STRENGTH-I Concrete Flexure	As Requested	As Requested
SU7	Axle Load	LRFR	Legal	125.57	3.241	41.50	1 - (50.0)	STRENGTH-I Concrete Flexure	As Requested	As Requested
Type 3	Axle Load	LRFR	Legal	123.12	4.925	41.50	1 - (50.0)	STRENGTH-I Concrete Flexure	As Requested	As Requested
Type 3-3	Axle Load	LRFR	Legal	168.18	4.205	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	As Requested	As Requested
Type 3S2	Axle Load	LRFR	Legal	152.95	4.249	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	As Requested	As Requested

