

Rating Results Summary Report

Name: Bridge Street over Conotton Creek  
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	110.06	3.828	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	As Requested	As Requested
EV3	Axle Load	LRFR	Legal	130.97	3.046	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	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	85.71	2.381	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	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	104.28	2.897	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	As Requested	As Requested
OH-2F1~1	Axle Load	LRFR	Legal	105.69	7.046	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	As Requested	As Requested
OH-3F1~1	Axle Load	LRFR	Legal	108.33	4.710	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	As Requested	As Requested
OH-5C1	Axle Load	LRFR	Legal	147.53	3.688	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	As Requested	As Requested
RPL 60T	Axle Load	LRFR	Permit	218.16	3.636	6.00	1 - (7.2)	STRENGTH-II Concrete Shear	As Requested	As Requested
RPL 65T	Axle Load	LRFR	Permit	188.44	2.899	6.00	1 - (7.2)	STRENGTH-II Concrete Shear	As Requested	As Requested
SU4	Axle Load	LRFR	Legal	110.35	4.087	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	As Requested	As Requested
SU5	Axle Load	LRFR	Legal	112.73	3.637	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	As Requested	As Requested
SU6	Axle Load	LRFR	Legal	117.01	3.367	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	As Requested	As Requested
SU7	Axle Load	LRFR	Legal	121.59	3.138	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	As Requested	As Requested
Type 3	Axle Load	LRFR	Legal	111.93	4.477	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	As Requested	As Requested
Type 3-3	Axle Load	LRFR	Legal	146.63	3.666	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	As Requested	As Requested
Type 3S2	Axle Load	LRFR	Legal	133.34	3.704	6.00	1 - (7.2)	STRENGTH-I Concrete Shear	As Requested	As Requested

