

Structure No.: 9999-999 Route: I ### Cycle No.: 17
Name: I ### over Roadway Insp. Date: 7/13/2012

LOAD RATING SUMMARY SHEET (LRSS)

(Form NJ-BI-101 Created 1/25/2011)

Project Information:

Group: STXX Agreement No.: 2011BI999Z Contract ID: 01-00001 Agree/Mod No.: 00

Rating Information:

Method: LRFR: Yes LFR: Yes ASR: No Other (Specify): _____

Rating Date: 8/31/2012 Computer Software Used: LARS Bridge V8i Version: 5.00.06.09

Load Testing: No Cycle when Rating Performed: 17 Design Load: HS 20

Structure Information:

Plans Available? Yes Contract Designation: I-999-99(99)99

Overlay? Yes Considered in Rating? Yes Type/Thickness: LMC/1.25"

Section Losses? No Considered in Rating? N/A Item 59: 7

For LRFR Use Only:

Dynamic Load Allowance: 1 Condition Factor: 1 System Factor: 1

ADTT (one direction): 8,050 Resistance Factor: LARS Calculated FCM: No

Load Rating Engineer (LRE):

Name: John A. Smith Firm: ABC Consultants Initial: JAS

Load Rating Reviewer (LRR) certification as per the NBIS Title 23 CFR Section 650.309(c):

Name: Jane B. Brown N.J. P.E. No.: 24GE00000001

Firm: ABC Consultants

I certify that this rating is an accurate representation of the subject structure, considering all deterioration and/or changes to loading conditions, to the extent determinable by research and visual inspection and testing performed. I am charged with the overall responsibility for bridge capacity evaluation for the above mentioned structure.

Sign and Seal if
Rating Performed
in this Cycle

Sign

Date

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LOAD RATING SUMMARY SHEET (LRSS) (cont.)

Rating Comments:

The Load Factor and LRFR ratings, computed in accordance with the FHWA directive dated November 1993, AASHTO Manual for Bridge Evaluation, 2011, as modified by the NJDOT Highway Bridge Load Rating Manual and Section 43 of the NJDOT Design Manual, Bridges and Structures, are as follows:

<u>Material</u>	<u>Compressive Strength f'_c</u>	<u>Tensile Strength</u>	<u>Allowable Stresses (Psi)</u>		
			<u>Yield</u>	<u>Inventory</u>	<u>Operating</u>
Concrete	3,000	---	---	1,200	1,650
Reinforcing Steel	---	---	40,000	20,000	28,000
Prestressed Concrete (Beam)	5,000	---	---	2,000	2,750
Prestressed Steel Strands (original)	---	250,000	---	175,000	---
Prestressed Steel Strands (widened)	---	270,000	---	---	---

<u>Member</u>	<u>Truck Type (Tons)</u>		<u>Rating (Tons) / Rating Factor</u>							
			<u>LFR</u>				<u>LRFR</u>			
			<u>As-Built</u>		<u>As-Insp.</u>		<u>As-Built</u>		<u>As-Insp.</u>	
			<u>Inv.</u>	<u>Op.</u>	<u>Inv.</u>	<u>Op.</u>	<u>Inv.</u>	<u>Op.</u> ¹	<u>Inv.</u>	<u>Op.</u> ¹
Interior Girder ² (Original Section) 01-IG012 Cond. Rating = 7	H15	(15T)	---	---	---	---	---	---	---	---
	HL-93	(NL)	---	---	---	---	1.19	1.54	1.19	1.54
	HS-20	(36T)	42	71	42	71	1.45	1.88	1.45	1.88
	3	(25T)	41	68	41	68	---	1.95	---	1.95
	3S2	(40T)	56	94	56	94	---	1.62	---	1.62
	3-3	(40T)	63	105	63	105	---	1.89	---	1.89
	SU4	(27T)	40	66	40	66	---	1.99	---	1.99
	SU5	(31T)	41	69	41	69	---	1.79	---	1.79
	SU6	(35T)	43	73	43	73	---	1.69	---	1.69
	SU7	(39T)	46	77	46	77	---	1.61	---	1.61

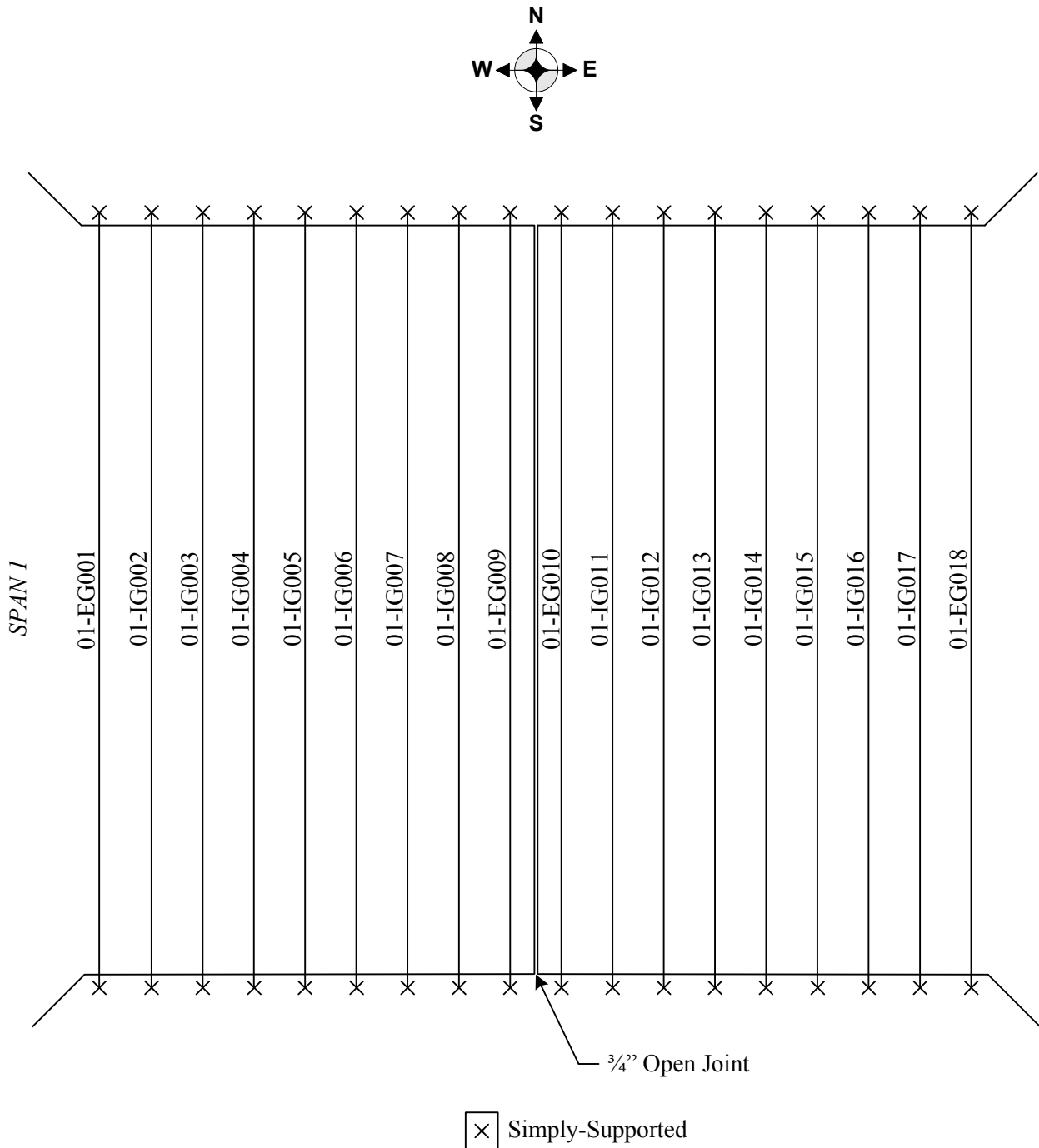
¹ Operating level rating of design load or legal load rating

² Controlling Rating
(NL) = Notional Load

Structure No.: 9999-999 Route: I ### Cycle No.: 17
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LARS Member Description Sketch:

I ### OVER ROADWAY



Structure No.: 9999-999 Route: I ### Cycle No.: 17
 Name: I ### over Roadway Insp. Date: 7/13/2012

CALCULATIONS - LARS MEMBER SUMMARY (TABULAR) REPORT:

LOAD ANALYSIS AND RATING SYSTEM -- ASD/LFD/LRFD v5.00.06.09 PAGE 1

BRIDGE / MEMBER DATA

SUMMARY REPORT

Bridge ID: 9999999_20120831cy17_01of01
 Bridge Name I ### over Roadway
 Path Name T:\
 File Name 9999999_20120831cy17_01of01.bmd

Comments:

Member Descr: 01-EG001

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LRFD		LRFD		LRFD	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G01	HL93	88	V	147	V	88	V	147	V	2.00	V	2.59	V		
G01	HS20	88	V	147	V	88	V	147	V	2.43	V	3.15	V		
G01	3	85	V	141	V	85	V	141	V	3.36	V	4.36	V	3.27	V
G01	3S2	114	V	190	V	114	V	190	V	2.79	V	3.62	V	2.71	V
G01	3-3	131	V	219	V	131	V	219	V	3.25	V	4.22	V	3.16	V
G01	SU4	83	V	138	V	83	V	138	V	3.05	V	3.95	V	3.33	V
G01	SU5	85	V	143	V	85	V	143	V	2.74	V	3.55	V	3.00	V
G01	SU6	90	V	151	V	90	V	151	V	2.59	V	3.35	V	2.83	V
G01	SU7	96	V	160	V	96	V	160	V	2.46	V	3.19	V	2.69	V

Member Descr: 01-IG002

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LRFD		LRFD		LRFD	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G02	HL93	43	V	72	V	43	V	72	V	1.21	V	1.57	V		
G02	HS20	43	V	72	V	43	V	72	V	1.47	V	1.90	V		
G02	3	42	V	69	V	42	V	69	V	2.03	V	2.63	V	1.97	V
G02	3S2	57	V	95	V	57	V	95	V	1.68	V	2.18	V	1.64	V
G02	3-3	65	V	108	V	65	V	108	V	1.96	V	2.55	V	1.91	V
G02	SU4	41	V	68	V	41	V	68	V	1.84	V	2.38	V	2.01	V
G02	SU5	42	V	70	V	42	V	70	V	1.65	V	2.14	V	1.81	V
G02	SU6	44	V	74	V	44	V	74	V	1.56	V	2.03	V	1.71	V
G02	SU7	47	V	79	V	47	V	79	V	1.49	V	1.93	V	1.63	V

Member Descr: 01-IG003

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LRFD		LRFD		LRFD	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G03	HL93	43	V	72	V	43	V	72	V	1.21	V	1.57	V		
G03	HS20	43	V	72	V	43	V	72	V	1.47	V	1.90	V		
G03	3	42	V	69	V	42	V	69	V	2.03	V	2.63	V	1.97	V
G03	3S2	57	V	95	V	57	V	95	V	1.68	V	2.18	V	1.64	V
G03	3-3	65	V	108	V	65	V	108	V	1.96	V	2.55	V	1.91	V
G03	SU4	41	V	68	V	41	V	68	V	1.84	V	2.38	V	2.01	V

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G03	SU5	42	V	70	V	42	V	70	V	1.65	V	2.14	V	1.81	V
G03	SU6	44	V	74	V	44	V	74	V	1.56	V	2.03	V	1.71	V
G03	SU7	47	V	79	V	47	V	79	V	1.49	V	1.93	V	1.63	V

Member Descr: 01-IG004

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LGL		Contr Type		Contr Type	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G04	HL93	43	V	72	V	43	V	72	V	1.21	V	1.57	V		
G04	HS20	43	V	72	V	43	V	72	V	1.47	V	1.90	V		
G04	3	42	V	69	V	42	V	69	V	2.03	V	2.63	V	1.97	V
G04	3S2	57	V	95	V	57	V	95	V	1.68	V	2.18	V	1.64	V
G04	3-3	65	V	108	V	65	V	108	V	1.96	V	2.55	V	1.91	V
G04	SU4	41	V	68	V	41	V	68	V	1.84	V	2.38	V	2.01	V
G04	SU5	42	V	70	V	42	V	70	V	1.65	V	2.14	V	1.81	V
G04	SU6	44	V	74	V	44	V	74	V	1.56	V	2.03	V	1.71	V
G04	SU7	47	V	79	V	47	V	79	V	1.49	V	1.93	V	1.63	V

Member Descr: 01-IG005

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LGL		Contr Type		Contr Type	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G05	HL93	43	V	72	V	43	V	72	V	1.21	V	1.57	V		
G05	HS20	43	V	72	V	43	V	72	V	1.47	V	1.91	V		
G05	3	42	V	70	V	42	V	70	V	2.03	V	2.63	V	1.98	V
G05	3S2	57	V	95	V	57	V	95	V	1.68	V	2.18	V	1.64	V
G05	3-3	65	V	108	V	65	V	108	V	1.97	V	2.55	V	1.91	V
G05	SU4	41	V	68	V	41	V	68	V	1.84	V	2.39	V	2.01	V
G05	SU5	42	V	70	V	42	V	70	V	1.66	V	2.15	V	1.81	V
G05	SU6	44	V	74	V	44	V	74	V	1.56	V	2.03	V	1.71	V
G05	SU7	47	V	79	V	47	V	79	V	1.49	V	1.93	V	1.63	V

Member Descr: 01-IG006

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LGL		Contr Type		Contr Type	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G06	HL93	43	V	72	V	43	V	72	V	1.21	V	1.57	V		
G06	HS20	43	V	72	V	43	V	72	V	1.47	V	1.90	V		
G06	3	42	V	69	V	42	V	69	V	2.03	V	2.63	V	1.97	V
G06	3S2	57	V	95	V	57	V	95	V	1.68	V	2.18	V	1.64	V
G06	3-3	65	V	108	V	65	V	108	V	1.96	V	2.55	V	1.91	V
G06	SU4	41	V	68	V	41	V	68	V	1.84	V	2.38	V	2.01	V
G06	SU5	42	V	70	V	42	V	70	V	1.65	V	2.14	V	1.81	V
G06	SU6	44	V	74	V	44	V	74	V	1.56	V	2.03	V	1.71	V
G06	SU7	47	V	79	V	47	V	79	V	1.49	V	1.93	V	1.63	V

Member Descr: 01-IG007

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LGL		Contr Type		Contr Type	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G07	HL93	43	V	71	V	43	V	71	V	1.20	V	1.56	V		

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G07	HS20	43	V	71	V	43	V	71	V	1.47	V	1.90	V
G07	3	41	V	69	V	41	V	69	V	2.02	V	2.62	V
G07	3S2	56	V	94	V	56	V	94	V	1.68	V	2.18	V
G07	3-3	64	V	106	V	64	V	106	V	1.96	V	2.54	V
G07	SU4	40	V	67	V	40	V	67	V	1.83	V	2.38	V
G07	SU5	41	V	69	V	41	V	69	V	1.65	V	2.14	V
G07	SU6	44	V	73	V	44	V	73	V	1.56	V	2.02	V
G07	SU7	47	V	78	V	47	V	78	V	1.48	V	1.92	V

Member Descr: 01-IG008

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LRFD		LRFD		LRFD	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G08	HL93	45	V	75	V	45	V	75	V	1.45	V	1.82	V		
G08	HS20	45	V	75	V	45	V	75	V	1.69	V	2.12	V		
G08	3	43	V	72	V	43	V	72	V	2.18	V	2.72	V	2.13	V
G08	3S2	57	V	95	V	57	V	95	V	2.13	V	2.68	V	2.08	V
G08	3-3	67	V	111	V	67	V	111	V	2.50	V	3.13	V	2.44	V
G08	SU4	42	V	70	V	42	V	70	V	1.97	V	2.47	V	2.13	V
G08	SU5	43	V	73	V	43	V	73	V	1.83	V	2.29	V	1.97	V
G08	SU6	46	V	77	V	46	V	77	V	1.76	V	2.21	V	1.91	V
G08	SU7	49	V	82	V	49	V	82	V	1.72	V	2.17	V	1.87	V

Member Descr: 01-EG009

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LRFD		LRFD		LRFD	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G09	HL93	79	V	132	V	79	V	132	V	1.84	V	2.33	V		
G09	HS20	79	V	132	V	79	V	132	V	2.16	V	2.72	V		
G09	3	75	M	125	M	75	M	125	M	2.81	V	3.53	V	2.73	V
G09	3S2	101	V	168	V	101	V	168	V	2.75	V	3.48	V	2.68	V
G09	3-3	117	V	196	V	117	V	196	V	3.23	V	4.07	V	3.15	V
G09	SU4	71	M	119	M	71	M	119	M	2.53	V	3.19	V	2.74	V
G09	SU5	75	M	125	M	75	M	125	M	2.34	V	2.95	V	2.53	V
G09	SU6	75	M	126	M	75	M	126	M	2.26	V	2.86	V	2.45	V
G09	SU7	77	M	129	M	77	M	129	M	2.21	V	2.81	V	2.40	V

Member Descr: 01-EG010

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LRFD		LRFD		LRFD	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G10	HL93	78	V	131	V	78	V	131	V	1.84	V	2.33	V		
G10	HS20	78	V	131	V	78	V	131	V	2.15	V	2.72	V		
G10	3	75	M	124	M	75	M	124	M	2.80	V	3.53	V	2.73	V
G10	3S2	100	V	167	V	100	V	167	V	2.74	V	3.47	V	2.67	V
G10	3-3	116	V	194	V	116	V	194	V	3.22	V	4.07	V	3.14	V
G10	SU4	71	M	118	M	71	M	118	M	2.52	V	3.18	V	2.73	V
G10	SU5	74	M	124	M	74	M	124	M	2.33	V	2.94	V	2.53	V
G10	SU6	75	M	125	M	75	M	125	M	2.25	V	2.85	V	2.44	V
G10	SU7	77	M	129	M	77	M	129	M	2.21	V	2.80	V	2.40	V

Structure No.:	9999-999	Route:	I ###	Cycle No.:	17
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Member Descr: 01-IG011

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LRFD		LRFD		LRFD	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G11	HL93	44	V	74	V	44	V	74	V	1.44	V	1.82	V		
G11	HS20	44	V	74	V	44	V	74	V	1.68	V	2.11	V		
G11	3	42	V	71	V	42	V	71	V	2.17	V	2.72	V	2.12	V
G11	3S2	56	V	94	V	56	V	94	V	2.13	V	2.68	V	2.08	V
G11	3-3	66	V	110	V	66	V	110	V	2.49	V	3.12	V	2.43	V
G11	SU4	42	V	70	V	42	V	70	V	1.97	V	2.46	V	2.12	V
G11	SU5	43	V	72	V	43	V	72	V	1.82	V	2.28	V	1.97	V
G11	SU6	45	V	76	V	45	V	76	V	1.76	V	2.21	V	1.90	V
G11	SU7	48	V	81	V	48	V	81	V	1.72	V	2.17	V	1.86	V

Member Descr: 01-IG012

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LRFD		LRFD		LRFD	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G12	HL93	42	V	71	V	42	V	71	V	1.19	V	1.54	V		
G12	HS20	42	V	71	V	42	V	71	V	1.45	V	1.88	V		
G12	3	41	V	68	V	41	V	68	V	2.00	V	2.60	V	1.95	V
G12	3S2	56	V	94	V	56	V	94	V	1.66	V	2.16	V	1.62	V
G12	3-3	63	V	105	V	63	V	105	V	1.94	V	2.51	V	1.89	V
G12	SU4	40	V	66	V	40	V	66	V	1.82	V	2.36	V	1.99	V
G12	SU5	41	V	69	V	41	V	69	V	1.63	V	2.12	V	1.79	V
G12	SU6	43	V	73	V	43	V	73	V	1.54	V	2.00	V	1.69	V
G12	SU7	46	V	77	V	46	V	77	V	1.47	V	1.90	V	1.61	V

Member Descr: 01-IG013

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LRFD		LRFD		LRFD	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G13	HL93	43	V	72	V	43	V	72	V	1.20	V	1.55	V		
G13	HS20	43	V	72	V	43	V	72	V	1.46	V	1.89	V		
G13	3	41	V	69	V	41	V	69	V	2.01	V	2.61	V	1.96	V
G13	3S2	56	V	94	V	56	V	94	V	1.67	V	2.16	V	1.62	V
G13	3-3	64	V	107	V	64	V	107	V	1.95	V	2.52	V	1.89	V
G13	SU4	40	V	67	V	40	V	67	V	1.82	V	2.36	V	1.99	V
G13	SU5	42	V	70	V	42	V	70	V	1.64	V	2.12	V	1.79	V
G13	SU6	44	V	74	V	44	V	74	V	1.55	V	2.01	V	1.69	V
G13	SU7	47	V	78	V	47	V	78	V	1.47	V	1.91	V	1.61	V

Member Descr: 01-IG014

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LRFD		LRFD		LRFD	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G14	HL93	43	V	72	V	43	V	72	V	1.20	V	1.55	V		
G14	HS20	43	V	72	V	43	V	72	V	1.46	V	1.89	V		
G14	3	41	V	69	V	41	V	69	V	2.01	V	2.61	V	1.96	V
G14	3S2	56	V	94	V	56	V	94	V	1.67	V	2.16	V	1.62	V

Structure No.:	9999-999	Route:	I ###	Cycle No.:	17
Name:	I ### over Roadway			Insp. Date:	7/13/2012

G14	3-3	64	V	107	V	64	V	107	V	1.95	V	2.52	V	1.89	V
G14	SU4	40	V	67	V	40	V	67	V	1.82	V	2.36	V	1.99	V
G14	SU5	42	V	70	V	42	V	70	V	1.64	V	2.12	V	1.79	V
G14	SU6	44	V	74	V	44	V	74	V	1.55	V	2.01	V	1.69	V
G14	SU7	47	V	78	V	47	V	78	V	1.47	V	1.91	V	1.61	V

Member Descr: 01-IG015

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LRFD		LRFD		LRFD	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G15	HL93	43	V	72	V	43	V	72	V	1.20	V	1.55	V		
G15	HS20	43	V	72	V	43	V	72	V	1.46	V	1.89	V		
G15	3	41	V	69	V	41	V	69	V	2.01	V	2.61	V	1.96	V
G15	3S2	56	V	94	V	56	V	94	V	1.67	V	2.16	V	1.62	V
G15	3-3	64	V	107	V	64	V	107	V	1.95	V	2.52	V	1.89	V
G15	SU4	40	V	67	V	40	V	67	V	1.82	V	2.36	V	1.99	V
G15	SU5	42	V	70	V	42	V	70	V	1.64	V	2.12	V	1.79	V
G15	SU6	44	V	74	V	44	V	74	V	1.55	V	2.01	V	1.69	V
G15	SU7	47	V	78	V	47	V	78	V	1.47	V	1.91	V	1.61	V

Member Descr: 01-IG016

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LRFD		LRFD		LRFD	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G16	HL93	43	V	72	V	43	V	72	V	1.20	V	1.55	V		
G16	HS20	43	V	72	V	43	V	72	V	1.46	V	1.89	V		
G16	3	41	V	69	V	41	V	69	V	2.01	V	2.61	V	1.96	V
G16	3S2	56	V	94	V	56	V	94	V	1.67	V	2.16	V	1.62	V
G16	3-3	64	V	107	V	64	V	107	V	1.95	V	2.52	V	1.89	V
G16	SU4	40	V	67	V	40	V	67	V	1.82	V	2.36	V	1.99	V
G16	SU5	42	V	70	V	42	V	70	V	1.64	V	2.12	V	1.79	V
G16	SU6	44	V	74	V	44	V	74	V	1.55	V	2.01	V	1.69	V
G16	SU7	47	V	78	V	47	V	78	V	1.47	V	1.91	V	1.61	V

Member Descr: 01-IG017

Mem ID	Truck	Rating (Tons)				Rating (Tons)				Rating Factor					
		ASD		LFD		LRFD		LRFD		LRFD		LRFD		LRFD	
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G17	HL93	43	V	72	V	43	V	72	V	1.20	V	1.55	V		
G17	HS20	43	V	72	V	43	V	72	V	1.46	V	1.89	V		
G17	3	41	V	69	V	41	V	69	V	2.01	V	2.61	V	1.96	V
G17	3S2	56	V	94	V	56	V	94	V	1.67	V	2.16	V	1.62	V
G17	3-3	64	V	107	V	64	V	107	V	1.95	V	2.52	V	1.89	V
G17	SU4	40	V	67	V	40	V	67	V	1.82	V	2.36	V	1.99	V
G17	SU5	42	V	70	V	42	V	70	V	1.64	V	2.12	V	1.79	V
G17	SU6	44	V	74	V	44	V	74	V	1.55	V	2.01	V	1.69	V
G17	SU7	47	V	78	V	47	V	78	V	1.47	V	1.91	V	1.61	V

Member Descr: 01-EG018

Rating (Tons)	Rating (Tons)	Rating Factor
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Structure No.: 9999-999 Route: I ### Cycle No.: 17
 Name: I ### over Roadway Insp. Date: 7/13/2012

Mem ID	Truck	ASD				LFD				LRFD					
		INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	INV	Contr Type	OPR	Contr Type	LGL	Contr Type
G18	HL93	87	V	146	V	87	V	146	V	1.98	V	2.57	V		
G18	HS20	87	V	146	V	87	V	146	V	2.41	V	3.13	V		
G18	3	84	V	140	V	84	V	140	V	3.33	V	4.32	V	3.24	V
G18	3S2	113	V	188	V	113	V	188	V	2.77	V	3.59	V	2.69	V
G18	3-3	130	V	217	V	130	V	217	V	3.22	V	4.18	V	3.13	V
G18	SU4	82	V	137	V	82	V	137	V	3.02	V	3.92	V	3.30	V
G18	SU5	85	V	141	V	85	V	141	V	2.72	V	3.52	V	2.97	V
G18	SU6	90	V	150	V	90	V	150	V	2.56	V	3.32	V	2.81	V
G18	SU7	95	V	159	V	95	V	159	V	2.44	V	3.16	V	2.67	V