HAM-471-0025
Gusset Plate Summary

Start Joint ID	100	Made By:	BKC	Date:	8/12/2009
End Joint ID	273	Checked By:	CJM	Date:	8/12/2009

As-Built South Truss

Joint Name	HS-20 (Inventory	HS-20 (Operating)	2F1 (Operating)	3F1 (Operating)	4F1 (Operating)	5C1 (Operating)	Edge Stiffeness AASHTO 10.16.11.3
S1-U00	2.58	4.31	6.65	6.54	5.61	4.36	NG
S1-U01	3.33	5.56	7.92	6.51	6.57	6.11	OK
S1-U02	5.84	9.74	14.36	11.83	12.45	12.07	OK
S1-U03	5.30	8.85	12.39	12.33	11.09	12.71	OK
S1-U04	5.97	9.97	18.10	13.57	12.27	12.70	OK
S1-U05	3.73	6.23	8.81	7.30	6.66	6.45	NG
S1-U06	3.07	5.13	8.61	6.74	6.14	5.57	NG
S1-U07	3.95	6.59	10.59	8.20	7.42	6.72	NG
S1-U08	3.38	5.64	8.38	6.39	5.71	6.01	NG
S1-U09	3.36	5.61	8.55	6.43	5.82	6.34	NG
S1-U10	3.66	6.11	8.76	6.62	5.94	5.36	NG
S1-U11	3.41	5.69	8.33	6.37	6.70	6.42	NG
S1-U12	4.17	6.95	9.87	7.63	7.09	7.69	NG
S1-U13	3.84	6.41	10.17	7.42	8.12	8.14	NG
S1-U14	6.14	10.25	21.19	13.04	11.49	12.38	OK
S1-U15	5.71	9.54	14.98	14.10	12.20	10.98	NG
S1-U16	4.09	6.83	9.63	7.21	8.38	7.24	NG
S1-U17	3.19	5.32	8.11	6.99	6.61	5.61	NG
S1-U18	4.17	6.97	9.79	7.37	8.09	7.27	NG
S1-U19	3.98	6.64	10.94	8.30	7.48	6.68	NG
S1-U20	3.72	6.20	10.51	8.15	7.37	6.24	NG
S2-U00	3.48	5.80	8.68	6.50	6.23	5.73	NG
S2-U01	3.60	6.00	9.29	7.29	7.89	6.32	NG
S2-U02	3.78	6.30	9.78	7.21	8.25	6.69	NG
S2-U03	3.36	5.60	8.83	8.29	7.04	5.99	NG
S2-U04	4.76	7.95	12.27	11.76	9.91	8.26	NG
S2-U05	6.38	10.65	18.15	15.75	14.11	12.14	NG
S2-U06	3.88	6.47	13.56	9.09	7.98	7.28	NG
S2-U07	8.35	13.94	23.67	16.04	15.81	16.38	NG
S2-U08	3.84	6.41	9.95	9.36	8.18	6.90	NG
S2-U09	3.73	6.22	9.58	8.95	7.74	6.26	NG
S2-U10	3.86	6.44	9.56	8.10	8.12	6.51	NG
S2-U11	3.89	6.50	10.10	8.78	8.42	6.47	NG
S2-U12	4.12	6.87	10.32	7.66	8.74	6.71	NG
S2-U13	4.51	7.54	11.56	8.68	10.28	7.79	NG
S2-U14	4.47	7.47	11.64	8.78	9.80	7.67	NG
S2-U15	3.64	6.08	9.42	7.97	7.71	6.21	NG
S2-U16	3.77	6.29	10.13	7.85	8.46	6.77	NG
S2-U17	3.47	5.79	9.54	9.06	7.72	6.34	NG
S2-U18	3.82	6.37	10.85	8.24	8.96	7.42	NG
S2-U19	3.80	6.35	10.25	9.38	8.29	7.08	NG
S2-U20	4.89	8.17	12.71	9.66	10.68	9.07	NG
S2-U21	5.41	9.02	14.62	13.99	11.87	10.36	NG
S2-U22	6.97	11.64	21.46	14.62	14.41	14.88	NG
S2-U23	5.01	8.36	12.41	11.88	10.29	8.64	NG
S2-U24	4.33	7.23	10.90	8.68	8.90	7.51	NG
S2-U25	3.63	6.05	9.17	8.15	7.59	6.27	NG
S2-U26	4.06	6.78	10.40	7.85	8.97	7.12	NG
S2-U27	3.62	6.05	9.79	8.82	8.09	6.49	NG
S2-U28	4.10	6.84	10.57	7.89	8.73	7.24	NG
S2-U29	5.19	8.66	12.68	9.52	10.18	8.66	NG
S2-U30	4.60	7.68	11.29	8.47	9.94	7.57	NG
S2-U31	3.53	5.89	9.01	6.64	7.77	6.09	NG
S2-U32	3.77	6.30	9.72	7.25	8.30	6.41	NG
S2-U33	3.81	6.36	9.78	7.96	8.08	6.47	NG
S2-U34	3.91	6.53	9.96	7.51	8.57	6.73	NG
S2-U35	3.85	6.43	10.29	8.50	8.36	7.36	NG
S2-U36	4.46	7.44	11.53	9.14	9.46	8.85	NG
S2-U37	7.89	13.18	22.34	15.27	15.14	15.55	NG
S2-U38	4.36	7.28	16.01	10.29	9.23	9.57	NG
S2-U39	6.14	10.25	16.19	14.54	12.65	10.75	NG
S2-U40	4.63	7.73	12.19	10.86	9.49	8.10	NG
S2-U41	3.35	5.60	8.96	8.28	7.15	5.74	NG
S2-U42	4.09	6.82	10.41	8.82	8.62	6.84	NG
S2-U43	4.81	8.02	11.84	8.83	8.48	7.99	NG
S2-U44	4.31	7.20	11.85	9.10	8.20	8.89	NG
S3-U00	3.43	5.72	8.74	6.68	5.92	5.78	NG
S3-U01	3.54	5.91	8.96	6.86	6.09	6.63	NG
S3-U02	3.79	6.33	9.47	6.99	6.42	7.20	NG
S3-U03	3.13	5.23	8.08	6.29	6.83	6.34	NG
S3-U04	3.60	6.01	9.16	6.94	7.94	7.20	NG
S3-U05	6.17	10.29	15.05	14.48	12.02	12.10	NG
S3-U06	6.23	10.40	19.83	15.11	12.06	12.56	OK
S3-U07	3.41	5.70	8.87	7.19	6.88	6.12	NG
S3-U08	3.89	6.49	9.25	6.94	7.20	6.93	NG
S3-U09	3.62	6.04	8.55	6.49	7.49	6.21	NG
S3-U10	3.73	6.23	9.19	7.02	6.32	6.20	NG
S3-U11	3.66	6.11	10.39	8.07	7.29	6.06	NG
S3-U12	3.44	5.74	8.56	6.52	7.64	6.75	NG
S3-U13	3.16	5.28	7.65	5.84	5.18	5.29	NG
S3-U14	2.81	4.69	6.53	5.14	4.50	4.56	NG
S3-U15	4.05	6.75	8.89	6.55	6.01	6.30	NG
S3-U16	5.51	9.20	19.63	11.58	10.64	10.89	OK
S3-U17	6.30	10.52	11.62	10.28	11.52	10.88	OK
S3-U18	6.61	11.04	15.66	15.23	13.47	12.59	OK
S3-U19	3.40	5.67	9.23	7.12	6.48	6.05	OK
S3-U20	3.33	5.56	8.92	6.90	6.28	5.76	NG

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Joint Name	HS-20 (Inventory	HS-20 (Operating)	2F1 (Operating)	3F1 (Operating)	4F1 (Operating)	5C1 (Operating)	Edge Stiffeness AASHTO 10.16.11.3
S1-L00	2.58	4.31	6.65	6.54	5.61	4.36	OK
S1-L01	3.33	5.56	7.92	6.51	6.57	6.11	NG
S1-L02	1.80	3.01	4.65	4.19	3.62	3.81	NG
S1-L03	8.67	14.47	25.25	18.99	16.97	17.45	OK
S1-L04	2.68	4.47	6.69	6.35	5.56	5.70	NG
S1-L05	4.02	6.71	8.79	6.74	6.16	5.99	NG
S1-L06	2.94	4.90	8.28	6.25	5.60	4.93	NG
S1-L07	3.62	6.05	10.12	7.83	7.09	6.23	NG
S1-L08	1.60	2.66	5.20	4.23	3.87	3.17	NG
S1-L09	2.87	4.80	6.59	5.03	4.49	4.73	NG
S1-L10	2.76	4.61	6.56	4.93	4.47	4.82	NG
S1-L11	2.84	4.74	6.81	5.14	4.61	5.23	NG
S1-L12	1.47	2.46	3.94	3.55	3.10	2.80	NG
S1-L13	3.87	6.46	9.51	7.00	8.30	7.63	NG
S1-L14	2.00	3.34	5.39	4.99	4.28	3.58	OK
S1-L15	5.12	8.54	13.18	12.34	10.72	9.66	OK
S1-L16	2.47	4.12	6.69	6.11	5.24	4.30	NG
S1-L17	3.27	5.45	7.67	5.77	6.81	5.69	NG
S1-L18	1.75	2.93	7.67	5.00	4.27	3.19	NG
S1-L19	3.20	5.35	9.06	7.02	6.35	5.38	NG
S1-L20	3.13	5.22	8.61	6.72	6.07	5.07	NG
S2-L00	2.35	3.93	5.88	4.40	4.22	3.88	OK
S2-L01	3.29	5.49	8.16	6.14	7.03	5.44	NG
S2-L02	1.59	2.66	5.11	3.93	3.35	2.86	NG
S2-L03	3.44	5.74	9.06	8.84	7.51	6.16	NG
S2-L04	3.36	5.60	8.83	8.29	7.04	5.99	NG
S2-L05	5.07	8.47	14.33	12.62	10.94	9.60	NG
S2-L06	1.05	1.75	3.05	2.91	2.50	2.01	NG
S2-L07	3.84	6.41	9.95	9.09	7.98	6.90	OK
S2-L08	1.92	3.20	5.90	5.66	4.89	3.89	NG
S2-L09	3.81	6.36	9.44	9.26	8.02	6.43	NG
S2-L10	2.92	4.87	9.39	8.10	7.83	6.01	NG
S2-L11	3.79	6.33	9.51	7.06	8.14	6.18	NG
S2-L12	1.73	2.89	5.00	3.80	3.40	3.47	NG
S2-L13	6.13	10.23	15.08	11.54	10.36	10.75	NG
S2-L14	2.60	4.34	8.15	6.50	5.90	4.99	NG
S2-L15	4.11	6.86	10.63	7.97	9.06	7.06	NG
S2-L16	1.62	2.71	4.85	3.88	3.53	2.89	NG
S2-L17	3.77	6.29	10.13	9.77	8.46	6.77	NG
S2-L18	3.47	5.79	9.54	8.24	7.72	6.34	NG
S2-L19	3.87	6.45	9.87	9.57	8.15	6.74	NG
S2-L20	2.55	4.25	9.68	6.41	5.59	4.60	NG
S2-L21	4.97	8.29	13.45	12.47	10.68	9.59	NG
S2-L22	2.37	3.96	9.56	6.25	5.37	4.45	NG
S2-L23	4.33	7.23	10.90	10.28	8.90	7.51	NG
S2-L24	3.03	5.05	9.17	7.54	6.41	5.46	NG
S2-L25	3.81	6.36	9.44	7.13	8.14	6.47	NG
S2-L26	3.62	6.05	9.79	8.57	8.09	6.49	NG
S2-L27	4.10	6.84	10.57	7.89	9.14	7.24	NG
S2-L28	1.61	2.69	4.64	3.71	3.38	2.76	NG
S2-L29	6.43	10.73	15.07	11.37	10.18	10.50	NG
S2-L30	2.58	4.31	7.61	6.03	5.55	4.60	NG
S2-L31	4.49	7.50	10.84	8.21	9.62	7.32	NG
S2-L32	1.54	2.57	4.64	3.60	3.23	2.58	NG
S2-L33	3.47	5.80	8.95	6.67	7.64	5.90	NG
S2-L34	3.26	5.44	9.09	7.51	7.51	6.02	NG
S2-L35	3.87	6.45	9.98	8.22	8.47	6.93	NG
S2-L36	2.10	3.51	6.51	5.93	5.08	4.23	NG
S2-L37	4.36	7.28	11.53	9.77	9.23	8.92	OK
S2-L38	1.30	2.16	3.73	3.48	3.02	2.45	NG
S2-L39	4.63	7.73	12.19	10.86	9.49	8.10	NG
S2-L40	3.35	5.60	8.96	8.28	7.15	5.74	NG
S2-L41	3.71	6.20	9.46	9.10	7.83	6.21	NG
S2-L42	2.29	3.82	8.95	5.87	5.05	3.95	NG
S2-L43	4.08	6.81	10.45	7.98	7.16	7.48	NG
S2-L44	2.98	4.97	8.19	6.29	5.67	6.14	OK
S3-L00	2.72	4.53	6.35	4.82	4.33	4.50	NG
S3-L01	2.95	4.92	7.52	5.75	5.10	4.97	NG
S3-L02	1.98	3.31	7.00	4.66	4.10	3.68	NG
S3-L03	3.05	5.08	7.45	5.51	6.62	5.82	NG
S3-L04	2.49	4.15	6.78	6.14	5.31	4.61	NG
S3-L05	5.64	9.42	14.27	13.28	11.26	11.60	OK
S3-L06	2.22	3.70	5.76	5.38	4.74	4.02	OK
S3-L07	3.55	5.93	8.45	6.34	7.40	6.33	NG
S3-L08	2.01	3.36	5.22	5.03	4.30	3.50	NG
S3-L09	3.21	5.36	7.10	5.43	4.88	5.35	NG
S3-L10	2.83	4.72	8.03	6.23	5.63	4.68	NG
S3-L11	2.94	4.90	8.46	6.67	6.06	4.97	NG
S3-L12	1.59	2.65	5.19	4.23	3.90	3.33	NG
S3-L13	2.98	4.98	7.26	5.53	5.18	5.29	NG
S3-L14	2.94	4.91	6.77	5.28	5.40	5.47	NG
S3-L15	3.91	6.52	8.64	6.39	5.88	6.17	NG
S3-L16	2.53	4.22	6.12	4.64	5.19	4.84	NG
S3-L17	9.41	15.71	27.77	20.89	18.67	18.61	OK
S3-L18	1.90	3.17	4.38	3.33	3.98	3.56	NG
S3-L19	3.37	5.62	9.16	7.06	6.42	6.00	NG
S3-L20	3.33	5.56	8.92	6.90	6.28	5.76	OK