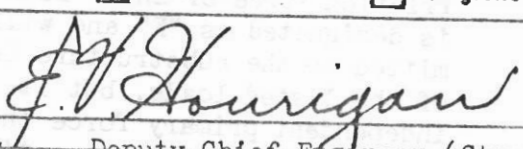


TO:	PPF	FINAL	<h1>ENGINEERING INSTRUCTION</h1> <p>NEW YORK STATE DEPARTMENT OF TRANSPORTATION</p>
	FA	DEC 21 1977	
M. Tegza Final Plans Review Bureau Bldg. 5 4th Fl.	FILE		<p>SUBJECT: STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, REVISION TO</p> <p>Subject Code: 7.35-4</p>
<p><b>SUPERSEDED BY EI 79-015</b> <b>EFFECTIVE 4/24/1979</b></p>			
Distribution:		<input type="checkbox"/> Main Office <input type="checkbox"/> Regions <input checked="" type="checkbox"/> Special	Code: EI 77-52 Date: 11/15/77 Supersedes:
APPROVED:		 Deputy Chief Engineer (Structures)	

The attached pages are revisions to the Standard Specifications for Highway Bridges, dated April 1976. These revisions include corrections, revisions and the 1977 AASHTO Interim Specifications.

I thru IX	Revised Table of Contents
7	No change
8     Art. 1.1.9(B)(2)	Revised first paragraph
9     Art. 1.1.9(B)(2) Art. 1.1.9(B)(3)	Added Commentary New Page Number
9-1   Art. 1.1.12	New Page Number - No change in text
Art. 1.1.13	New Page Number - No change in text
Art. 1.1.14	New Page Number - No change in text
Art. 1.1.15	New Page Number - No change in text
Art. 1.1.16	New Page Number - No change in text
Art. 1.1.17	New Page Number - No change in text
10	Revised dimension on Traffic Railing and Combination Railing groups.
10-1	Added - Blank page
27     Art. 1.2.22	Deleted $B_F$ in Group (N) formula. Deleted $F^F$ in definition at bottom of page.
28     Table 1.2.22	Added double asterick (**) to Group X under Load Factor Design. Added double asterick (**) Footnote. Added asterick (*) to Group I under Load Factor Design in Col. 3. Added asterick (*) Footnote. Added continuation of $B_D$ and $B_E$ in Columns 2 and 5. Deleted Column 11 in its entirety.

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NOTE:

Longitudinal Force due to friction "F" at expansion bearings or shear resistance at elastomeric bearings as defined by Article 1.2.22 is the mechanism by which some of the listed loads, like "LF", "W", and "T" are distributed or limited. The friction force or shear resistance which is designated as "F" and will be transmitted to the substructure is the reaction of the listed loads, but it is not an independent primary force that requires consideration for group action.

33	Art. 1.3.1(B)(2)(a)	Revised third paragraph Added Commentary
34	Art. 1.3.1(B)(2)(b) Art. 1.3.1(B)(3)	Changed page number - No change in text. Changed page number - No change in text.
35		No change
36	Art. 1.3.2(B)	Revised second paragraph.
41	Art. 1.3.4	Corrected spelling in Title and first line.
42		No change
53	Art. 1.4.5(A)	Revised first three paragraphs.
54		No change
55	Art. 1.4.5(G) Art. 1.4.5(H)	Added new last paragraph to this sub-article. Added new last paragraph to this sub-article.
56	Art. 1.4.5(I)(1)	Changed page number - No change in text.
57	Art. 1.4.5(J)(2) & (3)	Changed page number - No change in text.
57-1	Art. 1.4.5(L)	Changed page number - Portion fourth paragraph and last paragraph - No change in text.
79		Revised Footnotes 1, 2, & 3.
80		No change
89	Art. 1.5.23(L)	Revised article in its entirety.
90	Art. 1.5.23(L)	Continuation of revision.
103		No Change

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104	Art. 1.5.35(c)	Corrected Formula.
111		No Change.
112	Art. 1.5.38	Added asterick (*) to Title. Added Footnote.
112-1	Art. 1.5.39	Corrected formula
112-2		No change
117	Art. 1.6.6(A)	Corrected allowable stresses.
118		No change
137		No change
138		Corrected first two formulas.
149		No change
150	Art. 1.6.14(C)	Revised text of last allowable stress.
159	Art. 1.7.1-Table 1.7.1	Deleted A441 and Added A572-Gr. 50.
160	Art. 1.7.1-Table 1.7.1	Deleted A441 and Added A572-Gr. 50.
161	Art. 1.7.1-Table 1.7.1	Deleted A441 and Added A572-Gr. 50.
162	Art. 1.7.1	Added Footnote 7.
163	Art. 1.7.2	Revised $F_v$ for Fillet welds. Added Commentary.
163-1	Art. 1.7.3(A)	Changed page number. Added new second paragraph. Added Commentary.
163-2		Added - Blank page.
164	Art. 1.7.3(A) Art. 1.7.3(B)	Added new Table. Revised first and thrid paragraphs.
165	Table 1.7.3A2	Revised ANSI to ASA for Plain Material. Corrected "over" to "cover" in Built-up in fifteenth line.
166	Table 1.7.3A2	No change
166-1	Table 1.7.3A2	Added new item under Mechanically Fastened Connections.

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166-2	Table 1.7.3A3	Revised "over 2,000,000" to "2,000,000" with astericks (**). Added Commentary. Added Footnote (**). Revised Footnote (*).
166-3	Art. 1.7.3(c)	Added new paragraph following Table 1.7.3C - Added Commentary.
166-4		No change
169	Art. 1.7.5	Corrected last formula at bottom of page.
170		No change
171		No change
172	Art. 1.7.8	Added metric allowances for stress. Added new last paragraph.
173	Art. 1.7.10	Revised. Added Commentary. Added Footnote.
	Art. 1.7.11	Moved part to next page - No change in text.
174	Art. 1.7.11	New page number for balance of Article. No change in text.
	Art. 1.7.12	Revised second and third paragraphs. Deleted former last paragraph. Added new last paragraph with Footnote. Added Commentary.
175	Art. 1.7.13	New page number - No change in text.
176	Art. 1.7.16	New page number - No change in text.
177		No change
178	Art. 1.7.19	Revised first paragraph. Eighth and following paragraphs moved to next page.
178-1	Art. 1.7.19	New page number - Continuation of text- No change in this portion of text.
178-2		Added - Blank page.
181	Art. 1.7.21 Art. 1.7.25	Revised allowances in fourth paragraph. Revised
182		No change

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195		No change.
196	Art. 1.7.71	Revised in part.
197	Art. 1.7.71	Continuation of Article.
197-1		Added Commentary.
198		Old Chart deleted. Two new charts added.
199		No change
199-1		Added - Blank Page.
200	Art. 1.7.72	Added last paragraph.
209	Art. 1.7.90	Revised
209-1	Art. 1.7.90	Continuation of Article.
209-2	Art. 1.7.90	Continuation of Article.
209-3	Art. 1.7.90	Continuation of Article. Added Commentary.
209-4	Art. 1.7.90	Continuation of Commentary.
209-5	Art. 1.7.90	Continuation of Commentary.
209-6	Art. 1.7.90	Continuation of Commentary.
210		No Change
213	Art. 1.7.100(A)(1)	Added value for over 2,000,000 cycles.
214	Art. 1.7.100(A)(2)	Corrected iteration in first line.

NOTE:

This Article includes design data for 100,000; 500,000; and 2,000,000 cycles of loading. The modification of Article 1.7.3 per the 1974 Interim Specification has comparable cycles of loading except that "over 2,000,000" cycles of loading has been added. For consistency, Article 1.7.100 should be revised to include information for over 2,000,000 cycles of loading.

225	Art. 1.7.111(B)	Revised
	Art. 1.7.111(C)	Revised

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225-1		Revised Chart.
225-2		Added Commentary.
226		Deleted Figure 1.7.111A.
227		No Change
228		Article 1.7.114 now Art. 1.7.171. Article 1.7.115 now Art. 1.7.172. Article 1.7.116 now Art. 1.7.173. Page 228 is now a Blank page.
229		Blank page - Footnote moved with Article.
230		No Change
237		No Change
238	Art. 1.7.124(E)	Revised last paragraph of sub-article.
251	Art. 1.7.135(A)	Revised strength value of Fillet Weld.
252	Art. 1.7.135(A)(2) Art. 1.7.135(B)(1)	Revised. Added to last sentence.
253	Art. 1.7.135(B)(1)	Added Commentary.
254	Art. 1.7.135(B)(3)	New page number - No change in text.
255	Art. 1.7.136(A)	New page number - No change in text.
	Art. 1.7.136(B)	New page number - No change in text.
255-1	Art. 1.7.137 (A) Art. 1.7.137 (B) Art. 1.7.138	Revised - New Page number. New Page number - No change in text. New Page number - No change in text.
255-2		Added - Blank page.
256		No Change
259		No Change
259-1		Added - Blank Page.
260-1 thru 260-72		Added - Articles on "Curved Steel I-Girders."
261		No Change

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262	Art. 1.8.2(A)	Revised Table numbers in last paragraph.
263		Revised Table 1.8.1 to 1.8.2
263-1		Added new portion to Table.
263-2		Added - Blank page
264	Art. 1.8.2(B)	Added values of FF for Corrugated Pipe Arch.
291		No change
292		Revised "bearing pressures" on the TFE sliding surface.