

APPENDIX 2. 2009-2010 Digital Photographs of the Lake Champlain Bridge



Figure 80. View of the bridge from the New York approach. Photograph by New York State Department of Transportation, March 18, 2009.



Figure 81. View of the closed bridge from the New York approach. Photograph by recording team, New York State Museum, November 2009.



Figure 82. View of the north portal from Span 8. Photograph by New York State Department of Transportation, July 2009.



Figure 83. View of the north (Vermont) portal. Photograph by New York State Department of Transportation, July 2009.



Figure 84. View of the closed bridge from the Vermont approach. Photograph by recording team, New York State Museum, November 2009.



Figure 85. View of the bridge looking east from Fort St. Frederic. Photograph by recording team, New York State Museum, November 2009.



Figure 86. View of New York viaduct Spans 1-3, west side. Shows proximity of Fort St. Frederic southeast bastion (stone wall to left of orange fence). Photograph by recording team, New York State Museum, November 2009.



Figure 87. View of Spans 3 and 4 at Pier 3, west side. Photograph by recording team, New York State Museum, November 2009.



Figure 88. View of Span 4, west side. Photograph by recording team, New York State Museum, November 2009.



Figure 89. View of Spans 4 and 5 at Pier 4, west side. Photograph by recording team, New York State Museum, November 2009.



Figure 90. View of Span 5, west side, November 2009. Photograph by recording team, New York State Museum, November 2009.



Figure 91. View of Spans 5 and 6 at Pier 5, east side. Photograph by recording team, New York State Museum, November 2009.



Figure 92. View of Spans 5 and 6 at Pier 5, upper truss detail. Photograph by recording team, New York State Museum, November 2009.



Figure 93. View of Span 6, east side. Photograph by recording team, New York State Museum, November 2009.



Figure 94. View of Spans 6 and 7 at Pier 6, east side. Photograph by recording team, New York State Museum, November 2009.



Figure 95. View of Span 7, west side, from Fort St. Frederic. Photograph by recording team, New York State Museum, November 2009.



Figure 96. View of Span 7, east side, from Vermont. Photograph by recording team, New York State Museum, November 2009.



Figure 97. View of Spans 8 and 9, east side. Photograph by recording team, New York State Museum, November 2009.



Figure 98. View of Spans 8 and 9 at Pier 8, east side. Photograph by recording team, New York State Museum, November 2009.



Figure 99. View of Spans 8 and 9 at Pier 8, east side. Photograph by recording team, New York State Museum, November 2009.



Figure 100. Span 9 east side, lower chord detail. Photograph by recording team, New York State Museum, November 2009.



Figure 101. Underside of Span 9, showing cross bracing and laterals. Photograph by New York State Department of Transportation, June 2007.



Figure 102. View of Vermont viaduct Spans 10-14. Photograph by recording team, New York State Museum, November 2009.



Figure 103. Underside of Span 10, showing cross bracing and laterals. Photograph by New York State Department of Transportation, June 2007.



Figure 104. Lake Champlain Bridge builder's plaque at the state line, middle of Span 7, west side. Photograph by New York State Department of Transportation, 20 July 2001.

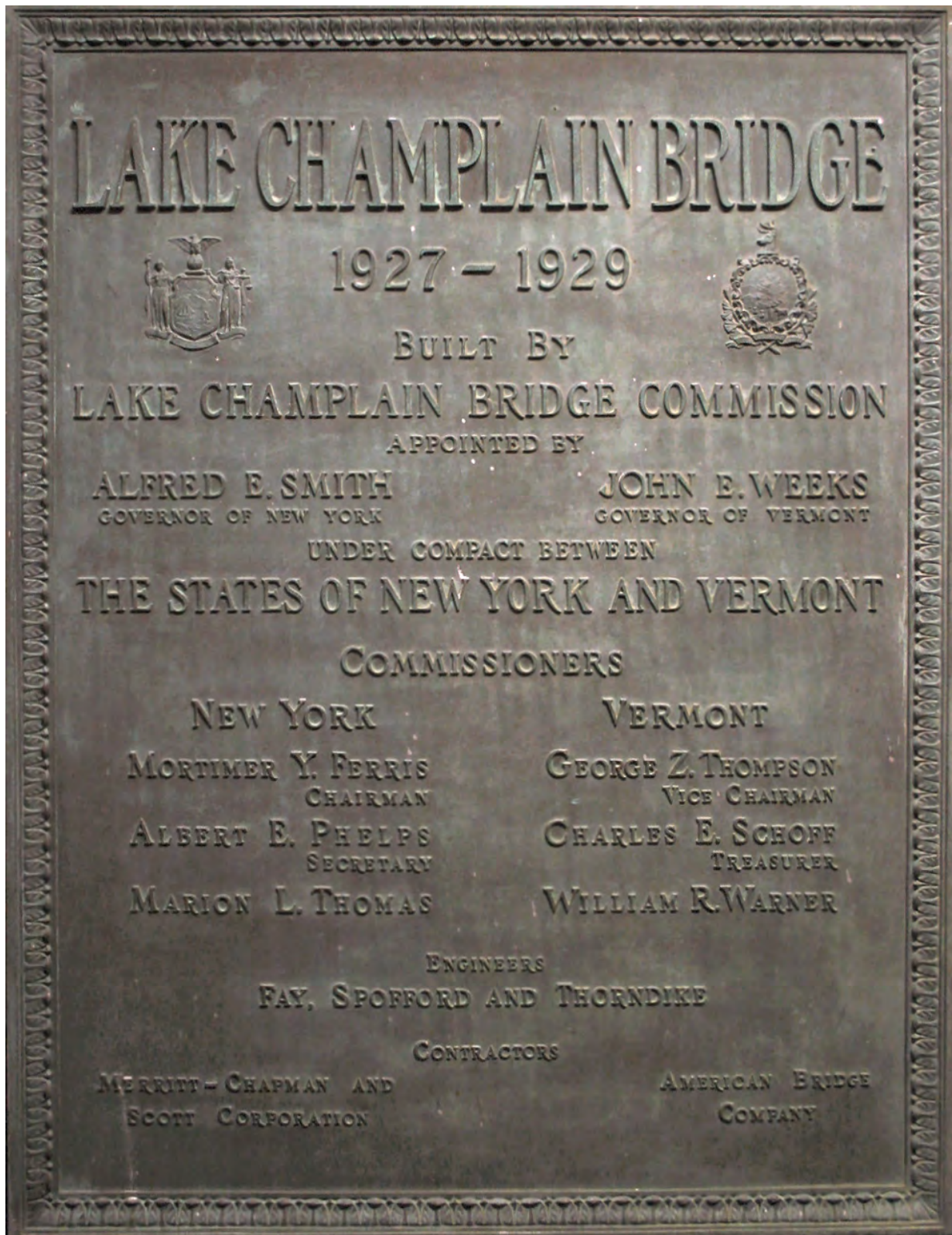


Figure 105. Lake Champlain Bridge builder's plaque.



Figure 106. "Pencoyd U.S.A" stamp on salvaged chord or diagonal, located at the Visitor's Information Center. Photograph by recording team, New York State Museum, June 2010.



Figure 107. View of the Vermont end of the bridge and the Chimney Point tavern. Photograph by recording team, New York State Museum, November 2009.



Figure 108. View of the former toll house, presently the Visitor's Information Center for the Regional Office of Sustainable Tourism-Lake Placid Convention and Visitors Bureau, looking southeast. Photograph by recording team, New York State Museum, June 2010.



Figure 109. View of the toll house/Visitor's Information Center looking northwest, showing the rear wing added in 1945. Photograph by recording team, New York State Museum, June 2010.

APPENDIX 3. 2009 Inspection Photographs by the New York State Department of Transportation



Figure 110. Span 7 strut at Panel Point 16.



Figure 111. Span 7 strut, upper chord, and sway bracing at Panel Point 16.



Figure 112. Span 7 deck at connection L16.



Figure 113. Span 7 lower chord connection at L14.



Figure 114. Span 7, lower chord connection at L12.



Figure 115. Span 7 lower chord connection at L12, interior side.



Figure 116. Span 7 lower chord lateral connection at L14.



Figure 117. Span 7 Floor Beam 13.



Figure 118. Span 7 Panel 20 stringer.



Figure 119. Span 6 upper chord connection at U05.



Figure 120. Span 6 lower chord connection at L01 (Spans 4, 5, 6, 8 and 9 are similar).



Figure 121. Span 6 lower chord at L00-L02.



Figure 122. Span 6 lower chord connection at L02.



Figure 123. Span 6, Panel 2, laterals, stringers, and floor beam (Spans 4, 5, 6, 8, 9 are similar).



Figure 124. Span 11 Floor Beam at G2 (All girder spans are similar).



Figure 125. Pier 3 fixed bearings (Spans 3-4).



Figure 126. Span 5 at Pier 5, right truss roller bearing.



Figure 127. Span 6 at Pier 5, left truss roller bearing.



Figure 128. Spans 7/8 at Pier 7, right truss rocker bearing.



Figure 129. Span 8 at Pier 8, left truss roller bearing.



Figure 130. Pier 5, south side of stem. The potential failure of this pier resulted in the permanent closure of the Lake Champlain Bridge.



Figure 131. Pier 5 upper south side of stem, cap and tensioners.