Attachment I. Stirrup Strains in Full Size Girders

This attachment presents the locations of strain gages placed on stirrups in the full size girder tests. Plots of strain vs shear due to applied load are also presented.

The figures provide a stirrup number and gage number which can be related to the strains presented in the plots.
Figure 1. Live Shear Load vs. Strain in the stirrups for Test T2.8.Typ.1.

Figure 2. Strain gauge locations for Test T2.8.Typ.1.
Figure 3. Live Shear Load vs. Strain in the stirrups for Test T2.8.Typ.2.

Figure 4. Strain gauge locations for Test T2.8.Typ.2.
Figure 5. Live Shear Load vs. Strain in the stirrups for Test T2.8.Min.1.

Figure 6. Strain gauge locations for Test T2.8.Min.1.
Figure 7. Live Shear Load vs. Strain in the stirrups for Test T2.8.Min.2.

Figure 8. Strain gauge locations for Test T2.8.Min.2.
Figure 9. Live Shear Load vs. Strain in the stirrups for Test BT.8.Typ.1.

Figure 10. Strain gauge locations for Test BT.8.Typ.1.
Figure 11. Live Shear Load vs. Strain in the stirrups for Test BT.8.Typ.2.

Figure 12. Strain gauge locations for Test BT.8.Typ.1.
Figure 13. Live Shear Load vs. Strain in the stirrups for Test BT.8N.Typ.1.

Figure 14. Strain gauge locations for Test BT.8N.Typ.1.
Figure 15. Live Shear Load vs. Strain in the stirrups for Test BT.8N.Typ.2.

Figure 16. Strain gauge locations for Test BT.8N.Typ.2.
Figure 17. Live Shear Load vs. Strain in the stirrups for Test BT.10.Typ.1.

Figure 18. Strain gauge locations for Test BT.10.Typ.1.
Figure 19. Live Shear Load vs. Strain in the stirrups for Test BT.10.Typ.2.
Figure 20. Strain gauge locations for Test BT.10.Typ.2.
Figure 21. Live Shear Load vs. Strain in the stirrups for Test BT.10.Min.1.

Figure 22. Strain gauge locations for Test BT.10.Min.1.
Figure 23. Live Shear Load vs. Strain in the stirrups for Test BT.10.Min.2.

Figure 24. Strain gauge locations for Test BT.10.Min.2.