I. Introduction and Learning Objectives

II. Current Bridge Market

III. Hot-Dip Galvanizing Process

IV. Benefits of HDG Steel Bridges
   a. Corrosion Protection
   b. Durability
   c. Longevity
   d. Availability & Versatility
   e. Aesthetics & Duplex Systems
   f. Environmental Advantages
   g. Economic Advantages

V. HDG Bridge Design
   a. ASTM Specifications
   b. Size Considerations
   c. Steel Selection
   d. Bridge Girder Design

VI. Minimizing Warpage & Distortion

VII. Connecting Concerns
   a. Bearing & Slip Critical Tensioning
   b. Overtapping Guidelines
   c. Embrittlement

VIII. Inspection & Repair

IX. Summary