



American Galvanizers Association

Hot-Dip Galvanized Steel for Transportation

Program Outline



- I. Introduction**
 - a. Bridge & Highway
 - b. Mass Transit
- II. On the Go with Transportation Infrastructure**
- III. Hot-Dip Galvanizing Process**
- IV. HDG Steel Coating Benefits**
 - a. Corrosion Protection
 - b. Durability
 - c. Maintenance-Free
 - i. In Atmosphere
 - ii. In Soil
 - iii. In Moisture-Rich Environments
 - iv. In Concrete
 - d. Efficiency
 - i. Speed of Construction
 - ii. Versatility/Flexibility
 - e. Safety
 - f. Appearance
- V. Economic Savings**
 - a. Construction Savings
 - b. Savings in Use
 - c. Life-Cycle Savings
- VI. Environmental Advantages**
 - a. Natural & Recyclable
 - b. HDG & LEED
 - c. Life-Cycle Assessment (LCA)
 - i. Production Phase
 - ii. Use Phase
 - iii. End of Life Phase
 - iv. Complete LCA
- VII. Transportation Case Studies**
- VIII. Conclusion**