



American Galvanizers Association *Galvanize It!* Seminar Program Outline



1-Hour Hot-Dip Galvanized Steel for Parking Structures Seminar

- I. Introduction and Learning Objectives**
- II. Steel Parking Garage Overview & Sustainable Development**
- III. Hot-Dip Galvanizing Process**
 - a. Surface Preparation
 - b. Galvanizing
 - c. Inspection
- IV. Hot-Dip Galvanized Coating Benefits**
 - a. Metallurgical Bond
 - b. Edge Protection
 - c. Complete Coverage
 - d. Barrier & Cathodic Protection
 - e. Zinc Patina
 - f. Time to First Maintenance
- V. HDG Parking Structure Social Benefits**
 - a. Appearance
 - b. Safety
 - c. Speed of Construction
 - d. More with Less
 - e. Planning for the Future
 - f. Corrosion Protection
- VI. HDG Parking Structure Economic Savings**
 - a. Construction Savings
 - b. Savings in Use
 - c. Life-Cycle Savings
- VII. Environmental Advantages**
 - a. LEED®
 - b. Life-Cycle Assessment (LCA)
- VIII. Galvanized Parking Garage Case Studies**
- IX. Conclusion: Parking for the Future**