



# American Galvanizers Association *Galvanize It!* Seminar Program Outline



## **1-Hour Hot-Dip Galvanized Steel for Parking Structures Seminar (Health Safety & Welfare Credit Credit) (Scheduled – Classroom)**

- 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
- 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**