

Canton Crossing Tower Baltimore, Maryland



Project Team

- ◆ Owner—Hale Properties
- ◆ CM—Gilbane Building Company
- ◆ Architects—WBCM, LLC
- ◆ Consultants
 - Architectural—Arium, Inc.
 - Engineering—Gipe Associates, Inc.

Project Features

- ◆ Duration—12/20/04—5/31/06
- ◆ Size - 20 Stories (519,401 sq. ft.)
- ◆ Total Cost—\$ 51,525,571
- ◆ Delivery Method—CM At Risk w/ GMP
- ◆ Building Use—Mixed Use Tenants
- ◆ Main Tenant—First Mariner Bank
- ◆ Utility Distribution—Tower fed by Central Utility Plant located across street

Architectural & Structural

- ◆ Foundation—20" Square Precast, Pre-stressed Concrete Piles
- ◆ Structure—Composite Steel Framing System with
- ◆ Floors—3" Composite Metal Deck with 6-1/4" Lightweight Concrete Slabs
- ◆ Exterior Walls—Precast veneered with thin faced brick
- ◆ Glazing—Curtain walls & aluminum window glazing systems
- ◆ Roof—Hipped Roof (77' Above Last Occ. Flr.)
- ◆ Building Use—First Mariner Bank & Mixed Use Tenants

Mechanical, Electrical, Lighting

- ◆ Mechanical—Two 8500 cfm AHU's per Floor, Two ERVs on Mech Room Floor
 - 2500 ton Chiller, 3 Boilers, 2 Cooling Towers in Central Plant
- ◆ Electrical— 480/277, 3-phase, 4 wire panels
 - 2—13.8 kV Open Loop and 2—4160 V Emergency Feeders from Central Plant
- ◆ Lighting—Architectural fluorescents in public areas, tenant areas 277V fluorescents

Tyler Swartzwelder
CM Option

<http://www.arche.psu.edu/thesis/eportfolio/2007/portfolios/TWS148/>