



Structural Concepts, Inc. acting as Engineer of Record prepared structural design and calculations and provided direction for the construction of the building structure.

The 20,000 square feet, three story education wing contains multiple classrooms and offices. Open air parking is provided below the second floor classrooms. Steel transfer girders are design to support the load bearing structure and masonry walls above the parking area.



### **Braddock Street United Methodist Church Education Building**

**Location:** Winchester, VA

**Architect:** Design Concepts

**Contractor:** Howard Shockey  
and Sons, Inc.

**Completion Date:** 2000

**Area:** 20,000 ft<sup>2</sup>

**Construction Cost:** \$1.8 M

**Floor System:** Concrete on  
Steel Joists

**Roof System:** Steel Fame and  
Steel Joists

**Lateral System:** Masonry  
Shear Walls