

# Bailey's Crossroads Volunteer Fire Station

FAIRFAX, VIRGINIA

*Contemporary station rises from  
the ruins of a roof collapse*



After



Before

## WORK STATUS

Completed 2014

## CONTACT

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Bailey's Crossroads Volunteer Fire Station No. 10 is a new 16,000 s.f. 4-bay fire station in Fairfax County, Virginia that replaces a fire station that was severely damaged when its apparatus bay roof collapsed during the blizzard of February 2010. Rising up from the rubble, the new fire station is constructed on the existing station site and provides 20 bunks, living and dining accommodations, 4 apparatus bays (with 2 drive-thru bays), administrative offices, a physical training room, a training classroom, and a dual-purpose tower for hose drying and training.

The tight 1.2 acre site presented numerous challenges. The design was restricted by an existing 130' tall communications monopole and associated support structures that remained intact and operational throughout the course of design and construction. Further, a major underground utility corridor combined with significant yard setbacks and landscape buffers to constrict all edges of the property and reduce the buildable area by nearly half to 0.69 acre. Finally, the client directed the architects to provide a single story design solution. The resulting design is a highly efficient layout that utilizes every square foot of usable site area.

The building is targeting LEED Silver Certification. Sustainable design strategies include site selection, water use reduction, regional materials, recycled content materials, high solar-reflectance roofing materials, and low VOC interior finishes.

- 2014 Fairfax County DPWES Award of Excellence for Building Design & Construction
- 2011 F.I.E.R.O. Station Design Award of Merit (Silver)