

Bassetlaw School Facilities



Key information

Capital expenditures **\$254 million**
Students **7,620**

Facilities **Six new schools, two new recreational centers
and two new centers for post K-12 education**
Environment **24 solar panels for Elizabethan High School**

Introduction

In July 2005, Balfour Beatty Capital was awarded a 27-year, \$254 million PPP project to design, build, finance, operate and maintain a number of new school facilities near Bassetlaw, UK.

Balfour Beatty has a 50% investment share in the project. The committed investment is \$16 million, which will be invested after the final completion of construction in 2007.



Project overview

- Construction of:
 - Six new high schools
 - Two new centers for post K-12 education
 - Two new recreational centers
- The facilities management services have been subcontracted to Haden Building Management, the Balfour Beatty Group facilities management company.
- The project is on schedule for all facilities to be opened by Winter 2008.
- Construction was performed by other Balfour Beatty companies, Balfour Beatty Construction and Balfour Kilpatrick.

Environment

Elizabethan High School is the first school in Bassetlaw to be equipped with the following renewable technologies:

- 24 solar panels were installed on a section of the roof.
- The dining hall roof is made of a double-layer pneumatic ethyl tetra fluoroethylene (ETFE) cushion. The cushion is blown up under high pressure to ensure the roof remains stable under adverse weather conditions. ETFE foil is lightweight, can take up to 400 times its own weight and has a durability of over 20 years. It has better insulation properties than glass and is recyclable. This is the same material used to design and construct the Eden Project in Cornwall and the UK National Space Center in Leicester.



*Watching the construction of our new school **has been very exciting... and progress seems to have been rapid.** Each site visit by staff, administrators and students has helped us to understand the whole process of construction, from the foundation up."*

Lynn French, Headteacher, Elizabethan High School