

Boots Regeneration - New Primary School and Access Road

Contract Value	£2,348,622
Contract Period	February 2006 – August 2006
Contract Form	ICE 5 th Edition
Client	North Lanarkshire Council
Engineer	North Lanarkshire Council
Architect	-

As part of North Lanarkshire Council's regeneration strategy for the former Boots factory site in Airdrie, Land Engineering was appointed as principal contractor for advance infrastructure works. The project required the construction of a new access road to the planned school development to the east of the site, as well as a roundabout on and tie-ins to the A73. The site is bounded by the main A73 to the west, Drumgelloch to the south and by private residential properties to the north.

Activities

- The phasing of the works presented significant challenges for the construction team.
 - Phase 1 involved construction of the tie-ins and roundabout and substantial completion of the access road to facilitate access for Site Investigation specialists to the school site within eight weeks of the start date.
 - With mining consolidation works continuing within the site of the proposed school for the first 13 weeks of the contract, construction operations were restricted to Phase 1 works for this period.
 - The sectional completion date for Phase 1 was therefore the earliest start date for Phase 2, with the whole of the works programmed for completion in just 26 weeks.
 - Significant traffic management was required for one of North Lanarkshire's busiest routes. Single phase traffic signals were installed and TTM established to restrict traffic flow to single lane and permit construction of roundabouts and tie-ins.
 - TTM drawings were prepared and submitted to the Engineer for approval three weeks prior to works commencing. Traffic Management was implemented in accordance with Chapter 8 of the Traffic Signs Manual and Approved Code of Practice.
 - Existing lighting columns were removed and new street lighting installed at the intersection with the A73.
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Activities Continued

- The project also entailed significant earthworks, with over 29,000m³ excavated and removed from site over a 10-week period.
- Attenuation ponds were constructed as part of a sustainable urban drainage system (SUDS).
- Structured perimeter planting and amenity tree and shrub planting completed the works.

Outcome

Careful attention to detail at the planning stage, coupled with focused service delivery, resulted in a successful completion of the project as contracted.

