

PDR Construction Ltd : S.278 & Highways project details.

Details of works of a similar type , value, scope and complexity.

Priory Road, Priory Park, Hessle, East Yorkshire

Development: - Priory Road, Priory park, Hessle.

Highways Authority : - East Riding of Yorkshire

Client Organisation : - Henry Boot Developments Ltd

PDR Contracts team : -

- Contracts Manager – David Maughan
- Site Manager – Paul Uter
- Engineer – Richard Pinder

Design Team : Hannah Reed , Doncaster

Project Value : £800,000

Project Description:

The new access road located to the west side of Priory Park has footway/cycleway along its length and incorporating roundabout junctions to serve the business park. The project also included road drainage and associated attenuation facilities, lighting and signage friction surfacing and diversion and provision of new statutory undertaker's services.



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Details of works of a similar type , value, scope and complexity.

Quest Park Off Wheatley Hall Road Doncaster

Development: - Quest Trade Park Doncaster

Highways Authority : - Doncaster MBC

Client Organisation : -Sladen Estates Ltd

PDR Contracts team : -

- Contracts Manager – Nigel Weatherall
- Project Manager – Peter Booth
- Engineer – Richard Lamb

Design Team : BWB Consulting Engineers Ltd , Red4 Architects Ltd

Project Value : £1,200,000

Project Description:

The new access road located off Wheatley Hall Road dual Carriageway was the main link into the 20-acre riverside scheme incorporating extensive traffic management, footway along its length incorporating junctions and signalling to serve the business park.

As part of the planning process a Flood Risk Assessment was carried out to determine the risk of flooding from the River Don and establish finished floor levels across the site to meet the requirements of the Environment Agency. A Drainage Strategy report and Transport Assessment report were also produced to determine the impact of the development.

Detailed design of the roads and drainage to adoptable standards was carried out and an analysis of the earthworks undertaken to determine the optimum balance minimising import or export of material. Surface water drainage was designed with a cascading attenuation system to reduce run off to agreed green field run off .

We worked with our appointed highways engineer, the developer, and architect to deliver the primary infrastructure for the site to allow the subsequent plot development to be released.



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Details of works of a similar type , value, scope and complexity.

Access Road, Alexandria Drive, Ashton Moss, Ashton-Under-Lyne



Development: - Alexandria drive, Ashton Moss, Ashton-under-Lyne

Highways Authority : - Tameside MBC

Client Organisation : -Muse\Amec developments Ltd

PDR Contracts team : -

- Contracts Manager – David Maughan
- Project Manager – Ken Elsworth
- Engineer – Richard Lamb

Design Team : Roscoe Capita Engineering Ltd , AEW Architects Ltd

Project Value : £1,150,000

Project Description:

Continuation of Lord Sheldon Way access road into Ashton Commerce Park located just off the M60 incorporated construction of a new carriageway, roundabout, kerbing, ducting, street lighting scheme with safety barrier fencing, pedestrian guard rails signage and white lining all to adoptable standards.

This entailed significant traffic management, working in close proximity to live traffic, whilst minimising disruption to Lord Sheldon way road traffic



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Details of works of a similar type , value, scope and complexity.

Carter Lane East, South Normanton

Development: - Highways and infrastructure works for The Village Office park.

Highways Authority : - Derbyshire County Council

Client Organisation : -Sladen Estates Ltd

PDR Contracts team : -

- Contracts Manager – David Maughan \ Paul Charstone
- Project Manager – Nick Jessop
- Engineer – Richard Lamb

Design Team : BWB Consulting Engineers Ltd , Red4 Architects Ltd

Project Value : £800,000

Project Description:

The new access road located off Carter Lane East just off the main A38 Carriageway was formed as a new main link roadway into the 12 acre Business park scheme incorporating traffic management, formulation of a new adopted access road with pedestrian footways and guard rails along its length incorporating a T junction to serve the business park.

Detailed design of the roads and drainage to adoptable standards was carried out and an analysis of the earthworks undertaken to determine the optimum balance minimising import or export of material. Surface water drainage was designed utilising a natural balancing pond to the lowest point of the site.

A Drainage Strategy report and Transport Assessment report were produced to determine the impact of the development.

We worked with our appointed highways engineer, the developer, and architect to deliver the primary infrastructure for the site to allow the subsequent plot development to be released.



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Details of works of a similar type , value, scope and complexity.

Transport Exchange and retail development Isle of Wight

Development: - Transport exchange, South Street, Newport Isle of Wight

Highways Authority : - Isle of Wight Council

Highways Consultant : -Savell Bird & Axon

Client Organisation : - Southern Vectis Transport Ltd joint venture with Halladale Ltd

PDR Contracts team : -

- Contracts Manager – David Maughan \ Paul Charstone
- Project Manager – Peter Booth
- Engineer – Richard Lamb

Design Team : Fairhurst and Partners Ltd , Bernard Engle Architects

Project Value : £6,800,000 Highways & Infrastructure works Value £1,800,000

Project Description:



The overall project entailed the re- development of the Newport Central Bus station encompassing new retail units.

Extensive construction of a new transport interchange with temporary public and terminus facilities maintained over a 78 week construction period.



Transport Exchange and retail development Isle of Wight , continued.



Temporary works :

Two way traffic flows and traffic signal islands were realigned; new three northbound traffic lanes were provided permitting single Bus lane use.



Temporary tactile paving's and drop crossings were introduced complete with Bus drop off and pick up facilities which were relocated.

Existing traffic signals were adapted to suit new traffic lanes and flows whilst maintaining pedestrian crossing facilities.

Traffic Management :

The Traffic management proposal submitted for undertaking the S.278 agreement works implemented the closure of Orchard street, footway diversion for South Street and provision of signage and road markings to Church Litten which were installed to current traffic sign regulations.

S.278 Works :



Section 278 works comprised of physical road closure to prevent vehicular access to Orchard Street & Bowling Green lane.

Installation and coordination of traffic signalling, external services for BT, Cable TV, CCTV, street lighting, street furniture and power.

Installation of a new bus lane carriageway at the junction of South Street and Church Litten incorporating trief kerbs, highway construction, road surfacing, markings and signage, with associated surface water drainage works. The scheme was finished with footpath and tactile paving's, Street furniture, Bus shelters and Taxi ranks.

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Details of works of a similar type , value, scope and complexity.

Retail Development, Coronation Street, South Shields

Development: - Highways & Infrastructure to serve new Retail Development.

Highways Authority : - South Tyneside Council

Client Organisation : - Henry Boot Developments Ltd

PDR Contracts team : -

- Contracts Manager – Jim Wanless
- Project Manager – Bill Smith
- Engineer – Helen Kerr

Design Team : Hannah Reed Structural Engineers, Jefferson Sheard Architects

Project Value : £640,000

Project Description:

This site was developed as a joint venture between South Tyneside MBC and Henry Boot Developments. It had previously been in use a fire station and car park. After an extensive site investigation it was decided to use vibro-compaction to enhance the load-bearing capacity of the underlying soils, thus enabling shallow footings to be utilised.



Extensive Junction alterations incorporating Traffic Signalling, Pedestrian Guardrails, Paving, Kerbing and Road Markings.



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Details of works of a similar type , value, scope and complexity.

Q4 Apartments, Upper Allen Street, Sheffield

Development: - Highways & Infrastructure to serve new Student Quarter Apartments.

Highways Authority : - Sheffield City Council

Client Organisation : -AQH Micklegate Ltd

PDR Contracts team : -

- Contracts Manager – Nigel Weatherall
- Project Manager – Peter Booth
- Engineer – Richard Lamb

Design Team : Paul Waite Associates Structural Engineers, PCP Architects Ltd

Project Value : £390,000

Project Description:

Adoption of Upper Allen Street/Marsden Lane Junction incorporating full chapter 8 Traffic Management whilst maintaining a continuous footfall and vehicular access to allow extensive Kerbing, Guardrails, resurfacing works, markings and signage



To allow seamless construction works from developing our travel plan we targeted to restrict car use within the development to only the number of spaces provided and to avoid any increase in on street parking to the surrounding area, whilst maximising the number of journeys by alternatives modes of transport.



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References

Isle of Wight Council
Traffic Section, Engineering Services
Enterprise House
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