



UPGRADE OF EXISTING ROAD TO HIGHWAY SPECIFICATION INCLUDING INSTALLATION OF NEW “TOUCAN” CROSSING AND ASSOCIATED WORKS.

**SITE ADDRESS;
TIP LANE/FFORDD ISA
PRESTATYN, DENBIGHSHIRE**

DELIVERY TEAM

**Hollingsworth
Bros UK Ltd**

CLIENT

**ANWYL
CONSTRUCTION**

VALUE

£850,000

CONSULTANTS

REFA CONSULTING ENGINEERS

DETAILS

The main aim for this project was to replace the existing single lane tarmac track/road with a new road constructed to full highway specification, complete with cycle path linking all local cycle routes. The works also including replacing the current SW drainage system with a new 1050mm diameter drainage scheme installed in accordance with “Sewers For Adoption 6th edition”.

The works were carried out in three phases thus maintaining access for all local residents and businesses, particularly the waste recycling facility that was to remain open 7 days a week. This was achieved by forming a temporary tarmac road onto the proposed development while the carriageway construction was being carried out.

A major percentage of the works also involved placing a temporary closure at the junction of Tip Lane and Ffordd Isa, this was required to allow all existing services to be divert/lowered and also the installation of all ducts and sleeves for the proposed “Toucan Crossing”.

All works were carried out in accordance with current Highways agency specifications and under the strict supervision of Denbighshire County Council Highways department. Hollingsworth Bros were responsible for dealing with all relevant licences/road openings etc, and also liaising with utility providers regarding diversions.





The Main Carriageway was constructed using traditional surfacing methods and to Highways and DCC specifications, this element of work was carried out on behalf of Hollingsworth Bros by H Howatson (part of the Tarmac Group).



Specialist Anti Skid surfacing was applied to all approaches of the Junction/Crossing, this work was carried out by L&R road markings.



All earthworks, drainage, ducting, kerbing and formations were carried out by our own team of skilled workforce. All of whom are trained to current New Roads And Streetworks Act, including supervision level. Due to the nature of the existing ground some areas of the new carriageway were constructed using a geotextile matting, installed in accordance with manufacturers instructions.

“TOUCAN” Crossing was installed and commissioned on behalf of Hollingsworth Bros by TRAFFIC Systems Co-operative Limited, all builders work for the crossing including the installation of all “VISI” rails was carried out by Hollingsworth Bros, this involved some works out of hours to avoid disruption to local businesses/school whilst excavating across the existing carriageway.



New Street lighting and signage was installed on behalf of H Bros by Denbighshire County Council direct under the guidance of H Bros management.

PROGRAMME.

The original programme of 16wks was completed on schedule with some additional surfacing to Ffordd Isa being carried out at a later date as requested by Denbighshire County Council.

CLIENT SATISFACTION

All works were carried out with minimum disruption to local residents/businesses and also the local primary school.

The new road and crossing were completed and fully operational ready for use on the day the primary School returned from Half term to the satisfaction of local authority and headmaster.

The newly constructed access road onto the proposed development was also completed on schedule allowing Anwyl construction to continue with their build programme.

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