

DALTON LANE, DALTON, THRISK

Client: North Yorkshire County Council
Value: £498,000

Completion: November 2020
Duration: 11 weeks



Undertaking flood alleviation works by the raising of the level of the existing Dalton Lane, a busy road connecting the A168 with Dalton and Dalton Business Estate.

WORKS INCLUDED

- Drainage works including removal of redundant drainage from previous scheme; laying of new carrier and filter drains with new manholes and catchpits; alterations to existing manholes; infilling redundant 900 dia. pipe and manholes with foamed concrete; remedial works to existing old clay pipes
- Earthworks including raising levels with capping materials, sub-base and topsoiling with site won materials
- Kerbing
- Resurfacing of Dalton Lane and property accesses including cold milling of existing pavement
- Installation of temporary post and wire fencing
- Installation of permanent post and 5 rail fencing
- Landscaping including grass seeding and planting of new hedging



KEY RISKS/CHALLENGES

- Considerable vehicular traffic off the A168 accessing the nearby business estate, so disruption had to be kept to a minimum with Traffic Management planned to prevent tailbacks onto the A168
- The road area was within a flood plain so works that could have been affected by flooding were programmed early with sufficient time / risk allowance to minimise disruption if flooding occurred

LESSONS IMPLEMENTED/COLLABORATION/VALUE ADDED

- Pipe bursting was value engineered and substituted with pipe liner to provide financial saving to the client and to speed up the works
- In-house surfacing gangs on hand to maintain flexibility and programme
- Significant planning undertaken with quarries and haulage contractors to ensure that they could supply materials for the one week road closure works
- Our bespoke commercial tracker for Compensation Events /Early Warnings/Project Manager Instructions was utilised to ensure key dates were achieved and to provide cost certainty for our client
- Liaison with local farmers to ensure that access was maintained at crucial times for them
- Stockpiling of materials to minimise disruption from potential unavailability of materials

PLANNING AND PROGRAMME

- Weekend working was implemented for planning, tarmac and white lining operations to minimise disruption as the road was considerably quieter at the weekends
- A full road closure for final surfacing works and lining was set for the October half term, this road closure could not be altered

SUCCESSFUL OUTCOMES

- The window for the one week road closure period was achieved
- Traffic flows maintained with minimum disruption to road users
- No accidents or incidents with the general public

