
Staffordshire County Council

Repair of un-surfaced highway- G1133 Back of Ecton, Wetton Staffordshire.

Details of proposed operations:

The G1133 is un-surfaced for a length of approximately 1400m in length, running between two sections of unclassified surfaced highway (D1133). The un-surfaced section is gated at both ends and is considered to be a single track, the same width as these 3.66m gates (12 feet).

Due to vehicle use, sections of this un-surfaced highway have become rutted and heaved. Ruts up to 340mm deep are present in isolated places with shallower ruts and heaving evident over longer lengths. There is no damage visible where the bed rock is at the surface or there is evidence of natural stone aggregate at the surface.

It is estimated that repairs are required at a number of discrete locations, totalling approximately 500m in length with around 250m made up of deeper ruts, the remainder comprising shallower ruts in soft to firm areas.

It is proposed to part fill the deeper ruts with 40mm down crushed limestone aggregate, shallower ruts with 25mm down crushed limestone aggregate and grade and compact a mix of existing topsoil and 25mm down crushed limestone aggregate over these areas to give a more even and durable surface. Where topsoil has built up creating softer areas this will be used in the graded areas. A mix of Natural England approved grass seed will be spread on completion if required.

At three locations growth from hawthorn trees has grown into the path of the highway and will require the removal of minor boughs to ensure users do not divert from its line.

All works will be confined to the line of the highway.

Timing of proposed operations (including avoidance of certain weather conditions):

A Temporary Traffic Regulation Order has been made, prohibiting all highway users, commencing Monday 29 July 2019 with the said works commencing on or as near as practicable to that date. This will be dependent on acceptance of our proposals. Site to be occupied by 16th August, ground works not commencing until consent received. Work will be suspended should heavy rain be experienced.

It is anticipated that the works will be completed within three weeks of commencement.

Land on which operations are to be carried out (include map):

Line of highway maintainable at public expense, surrounding land owned by National trust.

See map attached

Storage and disposal of materials:

A temporary works area will be situated on the informal parking area at the southern end of un-surfaced highway the where it joins the Leek Road, imported crushed limestone aggregate will be stored here temporarily for the duration of the works.

It is not intended to remove any materials from site.

Precise routing of operations and vehicles:

All vehicles will access the works via the Leek Road from Wetton

Frequency of access:

Daily for the period of the works, expected to be two weeks.

The provenance and chemical nature of imported materials:

Crushed limestone aggregate from Tarmac's Balidon Quarry

Ground-pressure of vehicles to be deployed:

Plant employed will comprise of;

- wheeled 4 x 4 dumper, 6 tonne – 4.1t unladen, 10.1 max gross weight,
- 3t JCB back-hoe loader
- Bomag 135 roller (or similar), 4 tonnes deadweight

Additional Mitigation methods:

Work will be suspended if conditions become too wet for the repairs to be effectively continued.

Any injurious weeds and top creeping thistles in the vicinity on the adjacent land will be topped prior to the works to reduce the risk of weed infestation of the regraded surface.

Date: 09 August 2019