



Friends of Trent Vale Trail (Charity Registration 1200048)

Spalford FP8 / South Clifton FP3 Bridleway Tender Document

Upgraded surface on new bridleway.



February 2024 – Version 1

Spalford FP8 – South Clifton FP3 Bridleway Upgrade Tender v1

February 2024

About Friends of Trent Vale Trail

A community group established in April 2017 to create a 15-mile walking, cycling and horse-riding trail that links Newark-on-Trent with Sustrans Dukeries Trail at Fledborough Viaduct. In August 2022, the Friends of Trent Vale Trail became a registered charity, England & Wales Charity Registration 1200048.

The completed trail will be a family friendly route through the amazing wetland areas of the Trent Vale for walkers, cyclists and, wherever possible, wheelers of all types.

See more at <https://www.trentvaletrail.org/>

Tender Summary

This tender request is for surface improvement on rights of way from the Northern end of Green Lane, Girton to connect with Coal Yard Lane, South Clifton, approximately 1400 metres in length. The work scope is to upgrade the existing unmade surface to an even and flat surface finished with recycled unbound material. For grant purposes the tender is in two sections, 1:Spalford FP3 and 2:South Clifton FP8, the intention is that a single contractor will be appointed to construct both sections.

Table of Contents

Table of Contents

1	Instructions to quote providers.....	4
1.1	Introduction	4
1.2	Quotation rules	4
1.3	Quotation submission	5
1.4	Tender evaluation and award.....	5
1.5	Clarifications.....	5
1.6	Alternate Materials/Deviations.....	5
1.7	Funding / Payment	6
2.	Project Information	6
2.1	Scope of Works Package.....	6
2.2	Location	8
2.3	Programme	9
2.4	Health and Safety Considerations	9
2.5	Contract Data	11
3	The Contractor’s Offer	13
	Appendices.....	14
	A - Photographs	14
	Section 1, FP8 Northern end of Green Lane Girton, through Spalford to South Clifton Parish boundary	14
	Photographs..... continued.....	15
	Section 1, FP8 Northern end of Green Lane Girton, through Spalford to South Clifton Parish boundary	15
	Photographs..... continued.....	16
	Section 2, FP3 South Clifton Parish Boundary to Coal Yard Lane South Clifton.....	16
	B - Works Information	21
	C - Specification.....	24
	D - Price List	27
	E – Pre-Construction Information Pack	28
	F – Utility Plan Information.....	34
	G - Clients Risk Assessment.....	35

1 Instructions to quote providers.

1.1 Introduction

Businesses that submit a quotation are advised to read the contents of this document carefully to ensure that they understand the nature and extent of the obligations. If you do not wish to submit a quotation, please notify Friends of Trent Vale Trail (FoTVT) at the earliest opportunity.

The 'Instructions to quote providers' (this Section 1) do not form part of any Contract.

Quotations may be rejected if the instructions are not followed. Questions or additional information requests should be addressed to John Ford on 07378 685005 / johnford.tvt@gmail.com before the quotation is submitted.

1.2 Quotation rules

1.2.1 Period of Validity

Tenders should be valid for a period of 12 weeks from the closing date.

1.2.2 Collusive Tendering

Any Tenderer who: -

- fixes or adjusts the amount of his Tender by or under or in accordance with any agreement or arrangement with any persons; or
- communicates to any person other than the Client the amount or approximate amount of the proposed Tender except where the disclosure is made in confidence to obtain quotations for insurance necessary for the preparation of the Tender; or
- enters into any agreement with any person that he shall refrain from tendering or as to the amount of any Tender to be submitted; or offers or agrees to pay or give, or does pay or gives, any sum of money, inducement or valuable consideration directly or indirectly to any person for doing or having done or causing or having caused to be done in relation to any other Tender or proposed Tender for the services, any act or omission, shall (without prejudice to any other civil remedies to the Charity and without prejudice to any criminal liability which such conduct by a Contractor may attract) be disqualified.

1.2.3 Guarantees of Contract

If the Contractor is a subsidiary Company within the meaning of Section 1159 of the Companies Act 2006 it shall also provide a guarantee by its holding company or companies (as defined by the said Section 1159) to secure the due performance by the Contractor of its obligations.

1.2.4 Site Visits

Businesses submitting bids should make a site visit at their earliest opportunity to understand location and access. If a bidder chooses not to make a site visit the client will not accept any variations from the tender submission.

There are existing rights of way across the land, but it should be noted that section 2, South Clifton, is the subject of a diversion and therefore to properly view the site of works will require the permission of the landowner. Access should be requested to Friends of Trent Vale Trail, John Ford (07378 685005 or johnford.tvt@gmail.com). A volunteer from the charity will accompany the contractor.

1.2.5 Construction Industry Scheme Regulations

The specified work will be a construction operation as defined in the HMRC Construction Industry Scheme Regulations. The Contractor is responsible to register with HMRC and if using sub-contractors verify them with HMRC. The contractor should note that payment for the work will come from Friends of Trent Vale is a Charitable Incorporated Organisation (CIO) in England & Wales, registration 1200048.

1.3 Quotation submission

The quotation should be made on 'The Contractor's Offer' form incorporated in Section 3. The contractor shall provide the following documents with his quotation:

The Contractor's Price List (Appendix D).

Earliest Start Date.

Quality / Environmental Certificates (e.g. ISO or similar) and/or construction registration (e.g. CHAS, CCS) or any other relevant company certifications.

Examples of previous work of a similar type.

Details of any proposed sub-consultants and sub-contractors, if applicable.

Insurance details confirming that the Contract requirements are met.

The bids must be submitted in a single package with copies of all required information. Tenders should be sent by email to johnford.tvt@gmail.com. To arrive no later than **Wednesday 6 March 2024**.

1.4 Tender evaluation and award

Tenders will be assessed based on quality, price, and experience of similar work. The contract is awarded to the Tenderer submitting the most economically advantageous offer assessed based on these factors.

Friends of Trent Vale Trail do not bind themselves to accept the lowest bid or any Tender.

The name of the Contractor may be published. If in exceptional circumstances the appointed contractor does not wish details of his Tender, if successful, to be released he should notify his objections and reasons at time of tendering.

1.5 Clarifications

Should there be any doubt as to the meaning of the tender documents, any other matter concerning the Contract, the Tenderer must contact the Client. Requests for clarification should be submitted in writing by email to John Ford at johnford.tvt@gmail.com.

1.6 Alternate Materials/Deviations

If the contractor cannot meet or accept conditions contained within the tender document, then it must be outlined in their tender submission. Acceptance of tender details is assumed if not mentioned in the tender submission.

The client is willing to consider alternate materials. If alternatives are proposed, they must be identified separately as options in the tender submission in addition to the materials specified in the tender/drawings.

1.7 Funding / Payment

The grant funders will release payment when Friends of Trent Vale Trail submit photographs showing the completed work. Contractor payment, less 3% retention, will be made within 5 days of grants being received in the Friends of Trent Vale Trail bank account. If these payment terms cannot be accepted this must be made clear in the tender submission along with proposed payment terms.

2. Project Information

The following information forms part of the works contract.

2.1 Scope of Works Package

The purpose of the project is to create a new bridleway for cycles, horses, walkers, and wheelers from Green Lane, Girton grid reference SK823688 (what3words ///backtrack.delay.playoffs) to Coal Yard Lane, South Clifton, grid reference SK821699 (what3words ///suitable.straddled.shoelaces), a total length of approximately 1400 metres.

The path will be a new construction on agricultural land, see route plan in Appendix B. The path must be suitable for cyclists, horse riders, pedestrians, mobility aids and wheelers. The surface will be unbound, compacted recycled materials. Construction details for the Clifton Hill section are in the drawings included with this package, drawings referenced in Appendices.

2.1.1. FP8 Section 1, Green Lane, Girton to Southern boundary of South Clifton Parish, approximately 650 metres.

START grid reference SK823688 (what3words ///backtrack.delay.playoffs).

END grid reference SK824694 (what3words ///vows.breakaway.priced).

The required works are,

- 2.1.1.1. Refer to route map in Appendix B. This section mostly follows the existing right of way along the boundary labelled in Appendix B as Spalford Field 1 and Spalford Field 2.
- 2.1.1.2. Excavation of existing surface along field boundary, 150mm depth on Geotextile, backfill and finish with unbound recycled materials.
- 2.1.1.3. Spread site spoil on the field boundary side of the path.
- 2.1.1.4. There is a short section of field boundary on the South side of the timber bridge where the existing upgraded unbound surface ends, this section must be constructed as 2.1.1.2.
- 2.1.1.5. This section is bounded by wild growing hedging/trees and some areas will need cutting back to allow free access to the upgraded access.
- 2.1.1.6. Two concrete pads, 4 metres x 2 metres, are required in the field, Spalford Field 1, immediately after the timber bridge. This is to protect the surface against farm vehicles accessing the field.
 - Pad 1, approximately 10 metres on the North side of the timber bridge. Farm vehicles access the field from West (left when facing North toward South Clifton).
 - Pad 2, approximately 125 metres on the North side of the timber bridge at the break in the Western boundary hedge (left side when facing North toward South Clifton). The pad is for farm vehicle access to wooded area to West of field.

2.1.2. FP3 Section 2, South Clifton Boundary to Coal Yard Lane, South Clifton, approximately 750 metres.
START grid reference SK824694 (what3words ///vows.breakaway.priced).
END grid reference SK821699 (what3words ///suitable.straddled.shoelaces)

The required works are,

- 2.1.2.1. Refer to route map in Appendix B, please note this does not follow the existing right of way (which is not shown in this tender document) and will be subject to a Nottinghamshire County Council diversion order. This section follows hedge boundaries of two fields, marked in Appendix B as South Clifton Field 1 and South Clifton Field 2, with a concrete bridge between the fields over Old River Trent. It parallel with the Old River Trent over Clifton Hill and connects to the public highway at Coal Yard Lane, South Clifton.
- 2.1.2.2. The southerly end of this section between the Spalford FP8 and the concrete bridge across the Old River Trent has wild hedging/brambles, the surface improvement must follow as close to the boundary as possible so the hedging needs cutting back toward the Old River Trent.
- 2.1.2.3. A concrete pad 4 metres x 4 metres is required in South Clifton Field 2 immediately after the concrete bridge over the Old River Trent. The concrete surface should be able to take large farm vehicles turning along the trail.
- 2.1.2.4. The portion through South Clifton Field 1 requires excavation of existing surface, minimum width 2 metres to a depth of 150mm, Geotextile, backfill and finish with recycled materials.
- 2.1.2.5. There are specific construction details for the path though South Clifton Field 2. These details can be seen in the drawings listed in Appendix B attached to this tender. Path construction details are for the part through South Clifton Field 2.
- 2.1.2.6. Spread site spoil over the hill and the boundary side of path where possible. Spoil should not be put on the grazed areas of the field.
- 2.1.2.7. The trail exit at Coal Yard Lane requires traffic calming to avoid trail users entering the public highway at speed. This should be the simplest form possible to slow trail users, see appendix B for an example of the envisaged barrier. The trail will route behind the large tree on the verge (looking South from Coal Yard Lane) and adjoin the public highway as close to 90 degrees as possible. Refer to drawing 15042-C-01-01 B for route in this area.

All work must account for the access and plant restrictions as seen.

All work must be carried out in accordance with the works Specification, Appendix C.

2.2 Location

Spalford and South Clifton Parish. Please refer to Appendix B - Location Plan.

2.2.1 Existing structures and land uses

There are four landowners over these sections.

- SPALFORD FIELD 1. Tarmac (a CRH company) Spalford, immediately after the timber bridge, arable, tenant farmer
- SPALFORD FIELD 2. Trinity College Cambridge, field on boundary of South Clifton Parish, arable, tenant farmer
- SOUTH CLIFTON FIELD 1 & FIELD 2 (all except final part at Coal Yard Lane). Privately owned by Nick Scott. South Clifton Field 1 is turned over to wilding and South Clifton Field 2 is for livestock grazing, sheep, cattle, and horses.
- The final part connecting to Coal Yard Lane, approximately 70 metres from Coal Yard Lane verge/public highway boundary, is a paddock attached to a private residence (barn currently being converted to domestic residence), it is owned by Richard Sargent. The boundaries are clearly marked by stock fencing.

2.2.2 Environmental Considerations

The following environmental considerations apply.

- 2.2.2.1 Vegetation clearance and path surfacing work in proximity of the existing trees along the route could result in damage to their canopies and root systems. The Contractor should take measures to protect existing trees from damage.
- 2.2.2.2 Badgers are known to be in existence in the area at the top of Clifton Hill near the path route (Section 2). The setts are several metres South of the trail / field boundary and more than 2 metres below the trail level. The contractor should take all precautions to ensure that they are not harmed and limit the size of the machinery used. The contractor should use machinery smaller / less than the size/weight of a JCB 3CX to work in the area of badgers. See appendix B for marked location.
- 2.2.2.3 The Spalford section is close to drainage ditches and South Clifton section 3 runs parallel with the Old River Trent. The Contractor should plan and undertake the works in accordance with Environment Agency Pollution Prevention Guidance and should ensure that all drainage channels are kept open and that no plant or materials are stored within or adjacent to the watercourse at any time.
- 2.2.2.4 Invasive plant species have not been formally identified along the route, and there are no known areas of invasive plant species, immediately beyond the proposed corridor.

2.2.3 Services

A Western Power map of existing services, overhead cables, is included within this Tender Package. It is the responsibility of the Contractor to obtain up to date records from Statutory authorities prior to commencement of works.

2.2.4 Access

Please refer to Appendix B for a Location Plan with the potential works access points highlighted. There are two bridges crossing watercourse at the South end of the route. Contractors should limit the size of plant capable of crossing this. Any damage to the structure is to be repaired for at the contractor's own expense. Photographs showing existing damage should be submitted to, and agreed with, the client prior to any works commencing on site.

Contractors should note that Coal Yard Lane is a public highway with domestic properties nearby. The contractor must ensure that access to/from Coal Yard Lane is done safely, and any plant, deliveries and operatives take note of the sensitive village environment.

The private landowner at South Clifton will allow a small area of the field to be used for material and equipment storage during the works provided it is securely fenced at the end of each day. The contractor will be required to manage the communications and agreements during the works programme on site, together with any traffic management and requirement for use of road space during the works.

2.2.5 Plant and Machinery Restrictions

The following restrictions are judged to be necessary to ensure the impacts of access and construction are minimised, and the Contractor must account for these as part of their works methodology proposal.

- 2.2.5.1.1 There is limited space to turn large vehicles e.g., HGVs and low loaders, deliveries of plant and materials to site will need to be planned to take account of this.
- 2.2.5.1.2 The verge at Coal Yard Lane should be protected from damage by vehicles and plant. A pre- construction inspection should be carried out and agreed by the client. Any damage to the path or verges because of the works to be put right at the cost of the Principal Contractor.
- 2.2.5.1.3 As mentioned earlier in this document there is evidence of badger setts on land adjacent to Clifton Hill. Care should be taken to limit machinery plant / size used in this area.

Alternative proposals will be considered as part of the approval process; however, the Contractor must demonstrate the impacts of any proposed plant and machinery are equal or less than those described above.

2.3 Programme

The client requires the construction works to be completed as soon as possible. Upon award of the contract the programme will be agreed in discussion with the contractor, based on the dates given in the Pre-Construction Information in Appendix E.

2.4 Health and Safety Considerations

2.4.5 Health and safety goals

The client, Friends of Trent Vale Trail, health, and safety goal is for an accident-free project, and to encourage the health and well-being of those who build and use the proposed route.

Friends of Trent Vale Trail further wishes to develop a positive health and safety culture and to engage into useful communication with and support preventative action for the health and safety of all involved in this project.

Note that both sections of the construction works are at risk of flooding and standing surface water could occur. The contractor must address this via their Construction Phase Plan and put mitigation measures in place to manage this potential – including weather forecasts and limits of working in wet and difficult weather conditions. Any vehicles exiting the site should be cleaned of excess mud before continuing on public roads.

2.4.6 Construction (Design and Management) Regulations 2015

The Construction (Design and Management) Regulations 2015 apply to this project, and it will be managed with reference to 'Managing Health and Safety in Construction' - the Health and Safety Executive's Approved Code of Practice (ACOP). It is assumed for the purposes of this contract that there will be a single contractor for the works, as such and in addition the following Duty Holders need to be appointed: Contractor and Designer.

By entering the contract, the Contractor confirms their competence and willingness to be appointed as "Principal Contractor" for this project under the CDM Regulations 2015.

It is the duty of the Contractor to ensure all employees have the combined skills, knowledge, training, and experience required to the specific type of works. All licences and certificates required should be available at the request of the *Client*.

The Pre-Construction Information Pack is included in the Tender Package in [Appendix E](#).

2.5 Contract Data

NEC3 Engineering and Construction Short Contract (April 2013)

The Client is.

Name Friends of Trent Vale Trail (England & Wales Charity Registration 1200048)
Telephone 07378 685005 Email Address johnford.tvt@gmail.com

The works are.

The purpose of the project is to create a new bridleway suitable for cycles, horse riders, pedestrians, and mobility aids from Green Lane, Girton to Coal Yard Lane, a distance of approximately 1400 metres.

The new path/trail is to be constructed to a minimum of 2 metres wide dressed in unbound recycled materials. The South Clifton section construction detail is in the drawings referenced in Appendix B.

Start date *to be agreed.*

Completion date *is to be agreed.*

The defects date is fifty-two (52) weeks after Completion

The defects correction period is two weeks.

The delay damages are £250 per day.

The assessment day is the last working day of each month.

The retention is 3%.

The Adjudicator is.

Name To be agreed prior to Contract Award

Address
.....

Telephone

Email Address

- The interest rate on late payment is 2% per complete week of delay.
- The client provides no insurance.
- The minimum Public Liability insurance, liability for loss or damage to property (except the Works, Plant and Materials and Equipment) and liability for bodily injury to or death of a person (not an employee of the Contractor) caused by activity in connection with this contract, is £10,000,000.
- The minimum amount of Employer’s Liability insurance, death of or bodily injury to employees of the Contractor arising out and in the course of their employment in connection with this contract, is £ 5,000,000.
- The insurance limits are defined by the funders of the works. If the contractor’s insurance cover is less than required, the bidder must list the differences when submitting the tender.
- If arbitration is required, the process will follow the Institution of Civil Engineers’ Arbitration Procedure the latest version can be found at www.ice.org.uk/disputeresolution
- The conditions of contract are the NEC3 Engineering and Construction Short Contract (April 2013), there are no additional conditions.

3 The Contractor's Offer

FP8 Spalford to South Clifton Parish Boundary / FP3 South Clifton Parish Boundary to Coal Yard Lane, South Clifton

The Contractor is.

Name

Address

.....

Telephone Email Address.....

The Contractor offers to Provide the Works in accordance with the conditions of contract for an amount to be determined in accordance with the conditions of contract.

The offered total of the Prices is.....

Signed on behalf of the Contractor.

Name

Position

Signature Date.....

The Client's Acceptance

- The Client accepts the Contractor's Offer to Provide the Works
- Signed on behalf of the Client.

Name

Position

Signature Date.....

Appendices

A - Photographs

Section 1, FP8 Northern end of Green Lane Girton, through Spalford to South Clifton Parish boundary



View North to Spalford Field 1 from Timber Bridge,
Girton toward South Clifton.



Boundary of Spalford Field 1

Photographs..... continued

Section 1, FP8 Northern end of Green Lane Girton, through Spalford to South Clifton Parish boundary



View North along boundary of Spalford field 2



View North along boundary of Spalford field 2

Photographs..... continued

Section 2, FP3 South Clifton Parish Boundary to Coal Yard Lane South Clifton



View East looking to the end of Spalford Section 1 (Spalford field 2 in beyond gateway).



View West from corner of field back toward concrete bridge / gate between fields. Note wild hedging / brambles on right to be cut back to fence.



View North to Clifton Hill from field gate across concrete bridge. Note concrete pad required beyond gate posts.



View East to access gate between two fields (Old River Trent on right). Concrete pad, 4 metres x 4 metres to be constructed at gate opening for turning farm vehicles.



View West along route / fence line and Old River Trent,
tree in distance is bottom of Clifton Hill.



View East from bottom of Clifton Hill, South side along
route / fence line and Old River Trent



View with back to Old River Trent looking up South side of Clifton Hill



View from field boundary looking North to Coal Yard Lane.



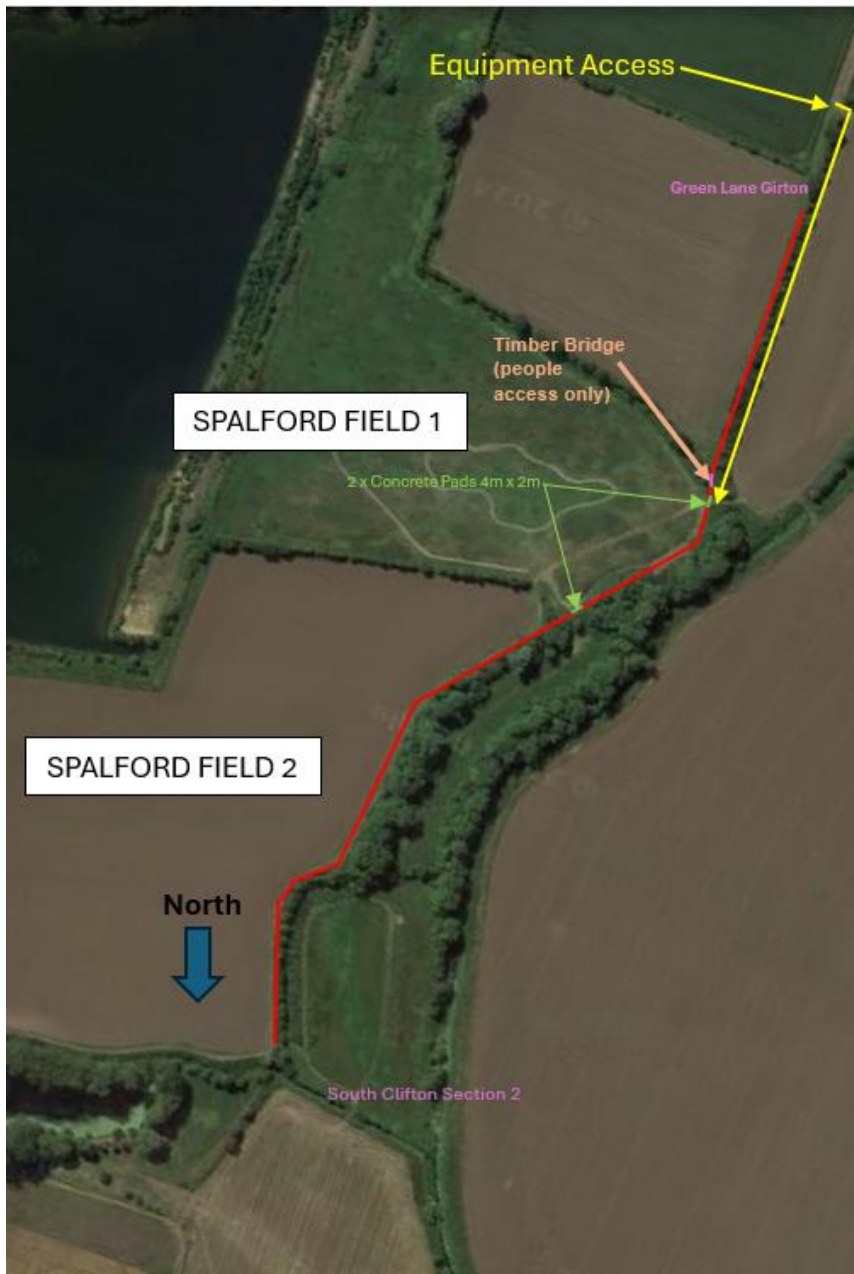
View South from Coal Yard Lane to Clifton Hill. Trail route to follow boundary hedge in the distance. Trail surface to 'loop' around South side of tree in foreground to connect with public highway at Coal Yard Lane (tarmac surface at bottom of photograph).

B - Works Information

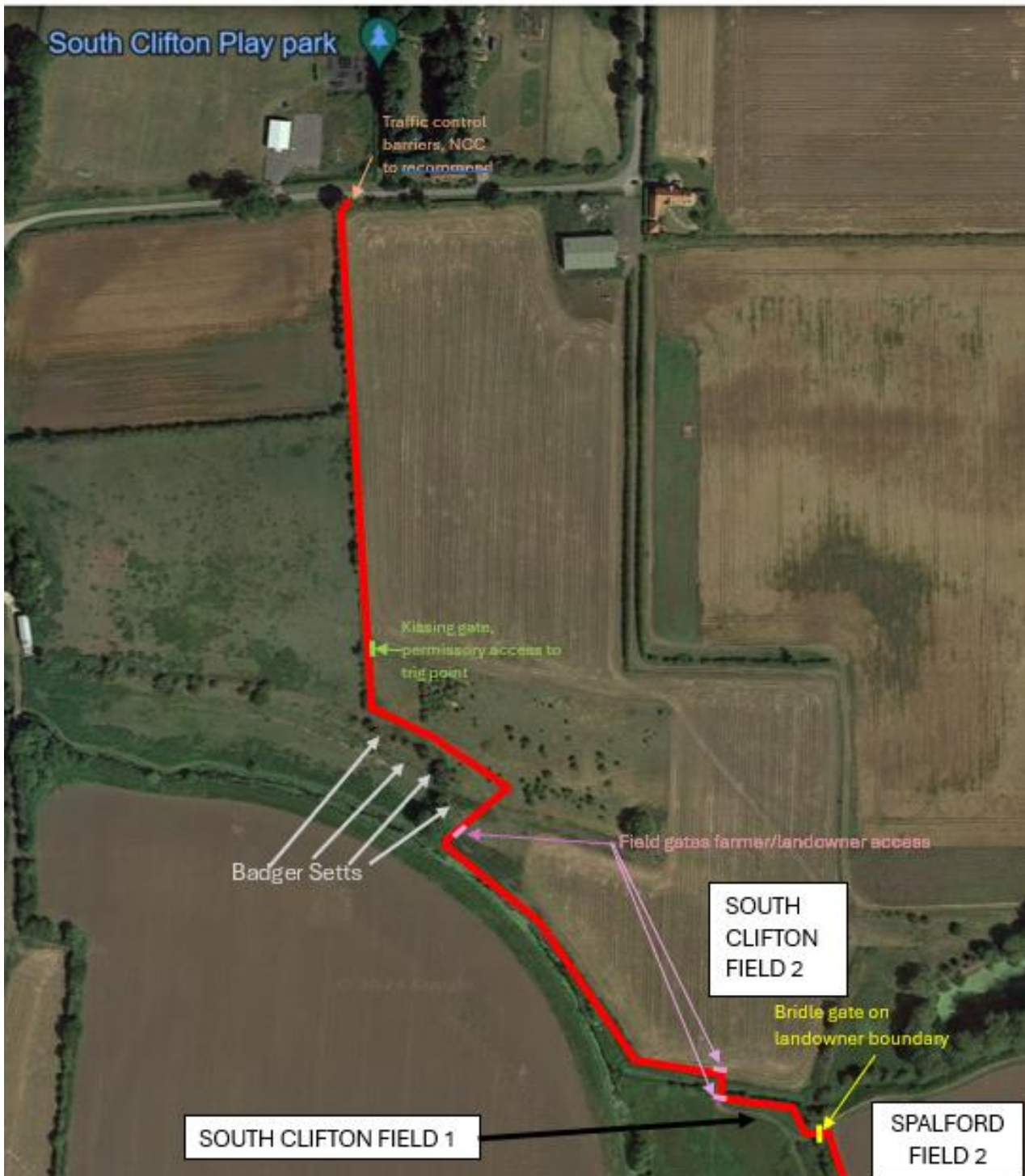
Design Drawings. There are no drawings FP8 Spalford Section 1, construction details are in section 2.1.1

Drawing Numbers	Title
15042-C-01-01 B / 15042-C-01-02 B / 15042-C-02-01 / 15042-C-02-02 B and 15042-CS1A to CS19 cross sections (South Clifton portion only)	Spalford to South Clifton

Site location: Green Lane, Girton, Grid Reference SK823688 / What3words ///dried.fizzy.kingpin to Southern boundary of South Clifton Parish, Grid Reference SK824694 / What3words ///reflected.exact.announce. Red line signifies route.



Site location: Southern boundary of South Clifton Parish, Grid Reference SK824694 / What3words
 ///reflected.exact.announce to Coal Yard Lane, South Clifton, Grid Reference SK821699 . What3words
 ///suitable.straddled.shoelaces. Green, blue, red lines signify trail route.



The Trent Vale Trail will join the public highway at Coal Yard Lane. There is a large tree in line with the trail on the public highway verge that must remain in place and undamaged. The trail connection with Coal Yard Lane will be behind the tree, trail side, joining Coal Yard Lane at a right angle for maximum visibility both ways. Barriers to be erected on verge 2-3 metres from tarmac edge of Coal Yard Lane. Example of barriers below, alternative materials / types could be considered.



C - Specification

1. General

- 1.1. Specification for Highway Works clauses.

2. Quality assurance and standards

- 2.1. Where work or materials required under the Contract are covered by an accepted quality assurance scheme only work or materials provided through such a scheme shall be used.
- 2.2. Where required by the Client, the contractor shall provide details of records covering any materials or works supplied under the contract.
- 2.3. Any material or article used in compliance with a British Standard for which there is an associated Kite Mark or Safety Mark scheme shall bear the mark of the scheme.
- 2.4. Where materials or articles required under the Contract are covered by an accepted Kite Mark, Safety Mark, or other certification - marked quality assurance scheme, only materials or articles provided through such a scheme shall be used.
- 2.5. Where work or materials are provided through an accepted quality assurance scheme, the Contractor shall in each case submit to the Client a certificate of conformity affirming compliance with the scheme.

3. Access and protection

- 3.1. The contractor is to allow for all preliminary items associated with the work described in the drawings, specification, and price list, including safe access, protection, traffic management, permits, approvals, storage, accommodation, insurance, re-instatement.

4. Environmental standards

- 4.1. The Contractor shall actively seek to minimise waste arising. The contractor shall keep waste material separated by type and reuse on site and otherwise recycle where it is possible.
- 4.2. The Contractor shall comply with the recommendations set out in BS 5228 Noise and Vibration Control on Construction and Open Sites. The Contractor shall always employ plant with noise reduction measures in place such as muffling where appropriate. The Contractor shall also not work outside the stated working hours detailed below.
- 4.3. The Contractor shall employ industry best practice to minimise dust development and prevent dust nuisance.
- 4.4. The working week will be Monday to Friday between 8am and 5pm. Work outside these hours will be subject to the prior approval of the Client.
- 4.5. Recycled aggregate equivalents shall be used where reasonable and possible. Recycled aggregates shall comply with the WRAP Quality Protocol for the production of aggregates of inert waste and BS EN 13242.
- 4.6. All timber used in permanent construction shall be from FSC certified sources. Temporary timber shall be recycled timber or FSC certified sources.
- 4.7. Any deep trenches or open excavations should have means to exit should any animals get trapped in (ramps or similar).

- 4.8. The contractor shall plan for the correct storage of fuel or other chemicals on site in suitable sealed containers. Robust watercourse pollution prevention measures should be in place, particularly in relation to the surface water and ground water sources known to be on site.
- 4.9. The Contractor shall plan all transport to and from the site and put in place measures to minimise impact to residents and the environment.

5. Vegetation Clearance

- 5.1. The contractor is to allow for checks for nesting birds at all locations prior to site clearance and stripping of shrubs/vegetation.
- 5.2. Work must proceed with consideration for the future management of adjacent trees and vegetation, such that they are sufficiently protected from the impact of works and can be retained for habitat, landscape, and other practical values.
- 5.3. Tree and vegetation works should only be undertaken after a site survey, to locate valuable habitat and problem vegetation (e.g. knotweed) or hazards (e.g. wastes).
- 5.4. Branches pruned from retained trees should be cut back by a professionally approved method.
- 5.5. All works to be undertaken by trained and qualified personnel, using appropriate equipment.

6. Path construction

- 6.1. Sub-base must comply with SHW Clause 803 Granular Sub-base Material recycled Type 1. Other similar inorganic bulk materials will normally be considered as a fit alternative to the above material, subject to the approval of the Client.
- 6.2. Compaction shall be completed to each layer of material as soon as possible after the material has been spread. Unless otherwise directed by the Client, compaction shall be carried out using a vibrating roller. The surface of any layer of material shall, on completion of compaction and immediately before overlaying, be:
 - Well-closed, free from movement under the compaction plant.
 - Free from edges, cracks, loose material and potholes, ruts, or other defects.
 - Be the specified depth after compaction.
- 6.3. All loose segregated or otherwise defective areas shall be removed to the full thickness of the layer and new material laid and compacted.
- 6.4. Where new construction abuts existing construction, a neat level joint is required to the existing surface.
- 6.5. All paths to have a 2.5% crossfall. It is a fundamental requirement that the finished surface shall drain freely and will not pond or hold water.
- 6.6. The finished surface needs to be relatively straight with no sharp dips and subject the requirement that it shall the finished surface shall drain freely and will not pond or hold water.
- 6.7. The finished surface is to be free from abrupt undulations or steps and subject the requirement that it shall the finished surface shall drain freely and will not pond or hold water.

- 6.8. No material in a frozen condition shall be incorporated in the works but it may be used if acceptable when thawed out. Materials shall not be laid on any surface, which is frozen or covered with ice.
- 6.9. On completion of the surfacing the verges are to be dressed with soil from the site or with material excavated from the works subject to the Client's approval.
- 6.10. Tidy the site on completion of the works. Contractor's rates are to include the reinstatement of all surfaces and items damaged by the works.

D - Price List

This Price List to be read and completed in conjunction with the Contract Data and Works Information. Please note that distances are measured from online maps and may not be entirely accurate, contractors should confirm distances on site visit.,

Item	Unit	Qty	Rate	Price
Documentation, Site Setup, Mobilisation and Demobilisation – to include welfare provision, accommodation, traffic management as appropriate.	Sum	1	-	
Section 1 (see marked up route plan, Appendix B) Spalford FP8, Green Lane Girton to South Clifton Parish Boundary, total length approximately 650 metres.				
Item	Unit	Qty	Rate	Price
Concrete Pad across entrance to field in line with trail, 4 metres x 2 metres suitable for large farm vehicles	Sum	2	-	
Construction of approximately 650 metres of path, 2 metres wide, 150mm excavation finished with recycled road planings.	Per linear metre	650		
Section 2 (see marked up route plan Appendix B) South Clifton Parish Boundary to Coal Yard Lane, South Clifton, total length approximately 750 metres				
Item	Unit	Qty	Rate	Price
Construction of approximately 280 metres of 2-metre-wide path, to the bottom of the South side of Clifton Hill. 2 metres wide 150mm excavation, Geotextile, finished with recycled unbound surface.	Per linear metre	280		
Concrete pad 4 metres x 4 metres suitable for large farm vehicles at North end of concrete bridge across Old River Trent, see marked up route appendix B.	Sum	1	-	
Construction of approximately 210 metres of a 2-metre-wide path on the South side of Clifton Hill (steepest section), construction details shown in drawings,	Per linear metre	210		
Construction of approximately 260 metres of 2-metre-wide path from Clifton Hill to Coal Yard Lane, South Clifton, . 150mm excavation, Geotextile, finished with recycled unbound surface.	Per linear metre	260		
Coal Yard Lane access control, trail users onto public highway, see example photograph Appendix B	Sum	1	-	

E – Pre-Construction Information Pack

Section 1 – Project Overview

1.1 Brief project description

The purpose of the project is to create a new bridleway for cycles, horses, walkers, and mobility aids from a distance of 1400 metres.

The path will be on a new construction on agricultural land to connect Coal Yard Lane, South Clifton to an existing right of way at Girton. It will be formed on a 4-metre strip on existing agricultural land (see route plan). The path must be suitable for cyclists, horse riders, pedestrians, and mobility aids.

The new paths will be constructed to provide a 2.0 metres wide unbound stone surface except where indicated on the drawings.

1.2 CDM Appointments

Client	Friends of Trent Vale Trail John Ford johnford.tvt@gmail.com 07378 685005
Principal Designer (Clifton Hill section only)	Sustrans Design & Engineering Midlands
Principal Contractor (to be confirmed)	Contact Name Company Address Email Address

1.3 Key project dates

Works will not be allowed to commence until the Principal Contractor has developed the health and safety Construction Phase Plan and forwarded it to the Principal Designer and Client Representative for comment. Upon written permission from the Client, the works will then proceed.

Within the timescales of the contract, the Contractor must allow for the work to be carried out in a safe and proper manner and fully in accordance with Health and Safety Standards.

The planned contract dates are:

Contract award: 15 March 2024.

Construction start date: 1 April 2024 onward.

Construction completion date: *to be agreed*.

1.4 Landownership and Access

The land is owned by:

Tarmac a CRH company (Spalford field 1, immediately after timber bridge at end of Green Lane Girton). Equipment access from Green Lane around boundary of field.

Trinity College, Cambridge (Spalford field on Southern boundary of South Clifton, second field in Section 1)

Nick Scott (South Clifton fields 1 and 2, except barn and land owned by Richard Sargent, see below). Equipment access through South Clifton Field 2.

Richard Sargent (barn and fenced land running parallel to Coal Yard Lane)

Section 2 – Client’s Considerations and Management Requirements

2.1 Health and safety goals

The Client’s health and safety goal is an accident-free project, and to encourage the health and well-being of those who build and use the path. The Client wishes to develop a positive health and safety culture and to engage with the contractor and implement preventative actions for the health and safety of all involved in this project.

2.2 The construction phase plan

The Principal Contractor must prepare a Construction Phase (Health & Safety) Plan before starting work on site, to include appropriate procedures for dealing with any hazards and client requirements identified in this Pre-construction Information Pack.

The Plan must be in accordance with the requirements set out in Appendix 3 of “Managing Health and Safety in Construction” the HSE’s Approved Code of Practice. No work should start on site until the Client is satisfied with the Plan.

The Construction Phase Plan must be a working document, kept and used on site and updated as necessary as the work proceeds. The Plan should be a practical management tool, specific to the intended construction work.

As part of the developed Construction Phase Plan, the Principal Contractor shall include a flow chart identifying the organisation structure (with named site management) and responsibilities and lines of communication.

2.3 Communication and liaison

The Principal Contractor shall report any potential design changes or incidents and relevant findings and consequences to the Client as soon as is reasonably practicable.

A pre-commencement meeting will be held between the Client and the Principal Contractor. Thereafter, the Client will call meetings on site to discuss progress and health and safety management issues as appropriate.

2.4 Arrangement for coordination of design changes

Any design changes proposed by the Principal Contractor must be communicated and agreed by the client prior to implementation. The Principal Contractor shall consider the implications, amend their construction health and safety plan, risk assessments and method statements for affected areas of work, do what is required to make the work safe and communicate relevant information to his operatives.

2.5 HSE notification

The works are deemed as not notifiable to the Health and Safety Executive.

2.6 Welfare facilities

The Client has no existing welfare facilities on this site. Suitable welfare facilities shall be arranged for by the Principal Contractor in accordance with Regulation 22(1)(c) of the CDM Regulations and appropriate to the maximum number of people on site.

2.7 Emergency procedures

The Principal Contractor shall produce an emergency plan that clearly sets out the arrangements for:

- Emergency access and egress
- First aid treatment
- Hospital treatment
- Fire

2.8 Site security and hoarding

The Client has no security facilities on this site. Suitable security and vandal protection arrangements shall be made by the Principal Contractor.

2.9 Emergency reporting

In the case of emergencies, contingency measures in respect of safety related items associated with this project, will be defined in the Health and Safety Plan, and developed into the Construction Phase Plan.

The Construction Phase Plan will describe arrangements and communications to address the contingencies. These arrangements must be proven and tested before work commences. The Client and all other relevant parties must be advised of any accident immediately, in accordance with the project working instructions.

For transport of injured personnel to the nearest hospital, the location and route to the hospital must be clearly displayed on site. Temporary access routes must be suitable for emergency vehicles. The address and telephone number of the nearest hospital with a casualty department must be included in the Principal Contractor's Construction Phase Plan. The nearest hospital with A&E Departments are thought to be that listed below. This is to be confirmed and updated where necessary by the Contractor.

Newark Hospital Urgent Care Centre (Minor Injuries)

Boundary Road, Newark, Nottinghamshire, NG24 4DE. 01636 681681

Lincoln County Hospital (Emergency)

Greetwell Road, Lincoln LN2 5QY. 01522 512512

Nottingham University Hospital (Queen's Medical Centre)

Derby Road, Nottingham, Nottinghamshire, NG7 2UH 0115 924 9924

Nearest Defibrillator

South Clifton Sports Pavilion, Coal Yard Lane (Sports Field). Approximately 60 metres from Trent Vale Trail Coal Yard Lane exit point.

The Principal Contractor's Emergency Plan will be held on site and briefed to all prior to going on site. The Contractor will also display the site rules and emergency procedures on site in a clear and visible location.

Section 3 – Environmental Restrictions and Existing Site Risks

3.1 Existing land uses

The site is in a rural area and the path route is across existing agricultural land.

3.2 Restricted site access

Vehicle access is from Green Lane, Girton and Coal Yard Lane, South Clifton.

3.3 Storage for plant and materials

The Principal Contractor is to make his own arrangements for safe storage of plant and materials, including reasonable practical steps to prevent unauthorised persons from moving items to a position where it could cause danger to the safety of persons or public property.

Areas of the site have sufficient space to allow modest storage and plant parking space. On site storage or plant parking must not obstruct third-party access nor interfere with land and surface water drainage through the site.

The Contractor should prepare a layout plan showing the proposed welfare and storage for approval by the Client.

3.4 Existing ground conditions

A detailed ground investigation has not been carried out.

3.5 Contamination and hazardous waste

There are no known contamination or hazardous waste issues on the site.

3.6 Invasive plant species

There are no known invasive plant species on the site.

3.7 Existing services

Records of existing services are included within this Tender Package; it is the responsibility of the Contractor to obtain up to date records from Statutory Undertakers prior to starting works on site.

3.8 Waste management

The Principal Contractor shall also be the Principal Contractor under the Site Waste Management Plan Regulations 2008 and shall produce a Site Waste Management Plan that identifies key waste streams, adopting the principals of reduce, re-use, re-cycle, and disposal. This plan shall be submitted for approval to the Client by the date agreed with the Client's Representative.

All items brought onto the site must be removed when the contract is complete.

If a skip is used, it will require to be a sealed skip, and it will be the Principal Contractor's responsibility to ensure that the lid is closed and secured after all openings.

Skips will require to be moved immediately after they are full, and it will be the Principal Contractor's responsibility to ensure that skips are available as and when required.

No burning of material on any site will be permitted.

Contractors shall ensure that suitable waste management arrangements are undertaken. It is expected that the contractor will be responsible for the removal of all waste generated by the project.

3.9 Disposal of waste

The Principal Contractor is responsible for maintaining the cleanliness of the work area. The Principal Contractor shall ensure that any waste removed from the site is disposed of in accordance with all current legislation.

Wherever possible the contractor must endeavour to recycle as much waste as possible.

Section 4 – Design Considerations

4.1 Clients' Risk Assessment

The Clients' Risk Assessment is in Appendix G of this document.

The Principal Contractor will review these risks and develop them as part of the overall safety management of the project.

Prior to the start of each item of work, Information about site conditions shall be obtained by the Contractor as part of the risk assessment process and added to the Risk Register. The developed Risk Register shall be subject to approval by Client prior to commencement of any work on this project.

4.2 Materials

Construction materials used within this contract are to be as specified within the contract documentation. The Principal Contractor's Construction Phase Plan will describe the required controls for health hazards associated with the use of such materials and their storage, delivery, and removal.

The Environmental Management Plan prepared by the Principal Contractor must address the environmental issues associated with the storage, use and disposal of materials.

No hazardous materials are anticipated to be used during the project. The contractor is to highlight any materials or substrates which have potential health hazards.

During the works if any substance that appears to be asbestos or lead based materials is found, the Contractor is to immediately bring it to the attention of the Client, and to cease work immediately in the area affected until instructed otherwise.

4.3 Hazards which cannot be removed by Design.

The list below does not include general site hazards which must be controlled by good site management and are deemed to be familiar to a competent contractor.

Risk assessments and method statements to document safe procedures must be included by the Contractor in the developed Construction Phase Plan and for the following situations, in particular:

- a) Risk requiring traffic management policy.
- b) Risk from works causing injury Contractor's personnel and members of public.
- c) Risk from working on or adjacent to a steep slope.
- d) Inhalation of fumes
- e) Risk from items raised in Designer's Risk Assessment

The Principal Contractor is advised that these schedules are not exhaustive, and he is obliged to draw to the Designer's attention any potential hazard or potentially hazardous work not listed for which he feels further consideration is warranted.

Section 5 – Health and Safety File

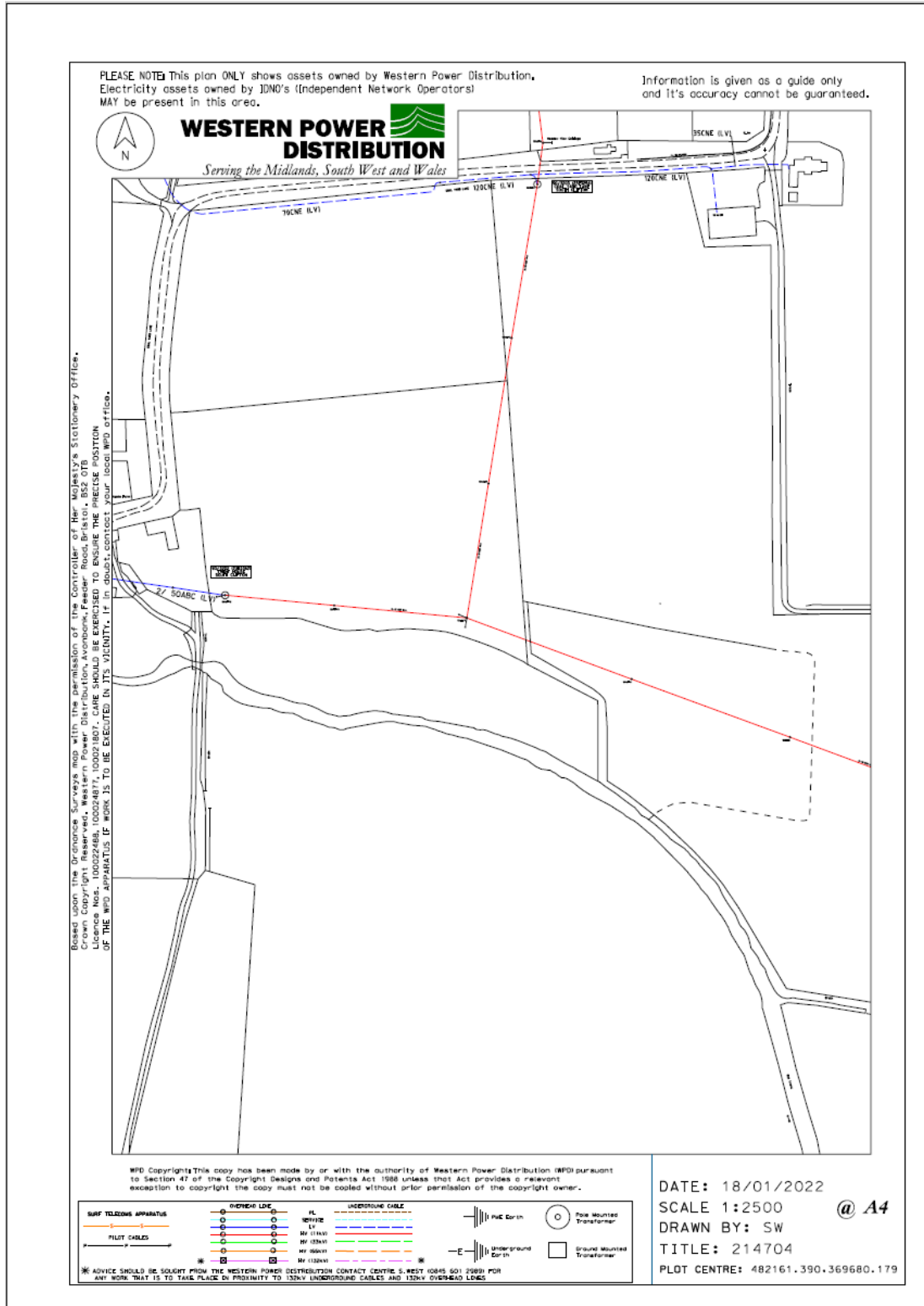
The Principal Contractor shall record all relevant findings and shall provide the following information to the Client for inclusion in the Health and Safety File. The information shall be in a format which can be directly added to the File and shall be provided no later than two weeks after contract completion.

The information contained in the Health and Safety File must include that which will be required for persons to safely carry out construction work or maintenance work at any time after completion of the current project in conformance with regulations. The document should include:

- a) Contents page
- b) Control sheet and information on how to use and update the File. A summary of the Works
- c) Compilation of 'As-built' drawings or record plans, taking the form of construction drawings neatly marked-up with any changes made during the works.
- d) Details of residual hazards associated with the construction and future maintenance requirements.
- e) List of the project team including any sub-contractors employed on this project.
- f) List of materials used and their suppliers.
- g) Details of hazardous substances or materials used and associated COSHH data information.
- h) Details of the locations of all underground, overhead services, and utilities – to identify actual locations where they differ from service location plans and to highlight any un-chartered services located during the works.
- i) All warranties or guarantees, including certifications of materials or tests undertaken.
- j) Cleaning and maintenance instructions for all products

F – Utility Plan Information

Western Power. There are overhead power lines running across Clifton Hill. The trail passes over long standing agricultural ground, there do not appear to be any other utilities. The map below was provided by Western Power on 20/01/2022. The contractor is responsible to make their own checks prior to work commencing.



G - Clients Risk Assessment

Project: Spalford FP8 / South Clifton FP3 Bridleway Upgrade
Client HSE Contact: Steve Lee (SL), John Ford (JF)
Date Started: 20 December 2023
Date Updated: 20 December 2023

Risk Identification			Risk Assessment			Risk Response				Control Assessment			
ID No.	Author	Risk Description	Severity	Probability	Priority	Persons at Risk	Mitigation Description	Response Type	Action Required By	Last Review	Severity	Probability	Priority
1	SL	Working adjacent to watercourses	2	2	B	Contractor	Selecting appropriate plant, brief operators via Toolbox Talk - Operators to sign sheet as evidence. Monitor weather forecasts for heavy or prolonged periods of rain (assess ground conditions and machinery to be used). Consider mitigation / safety equipment for site staff against flash flooding.	Transference	Principal Contractor	20/12/2023			
2	SL	Accessing site to/from public highway, Coal Yard Lane	2	2	A	Public / Contractor	Appropriate signage of construction site, operator briefings for entering / exiting site to Coal Yard Lane	Transference	Principal Contractor	20/12/2023			
	JF	Mud deposits on public highway, Coal Yard Lane	1	3	C	Public / Contractor	Ensure regular checks and any mud deposits are cleared as soon as apparent. Have available "Mud on Road" sign available if excessive debris left on road and cannot be fully cleared.	Prevention	Principal Contractor	20/12/2023			
3	JF	Overhead high voltage lines pass across route near top of hill.	4	3	A	Contractor	Refer to network owner Western Power "Avoidance of Danger" and "Look up look out" guidance booklets and any other relevant information. Ensure operators are briefed on risk mitigation. Toolbox Talk and Operators to sign sheet as evidence	Transference	Principal Contractor	20/12/2023			
4	JF	Wet or boggy conditions leading to delays or unacceptable material conditions	3	2	B	Contractor	Supervisor to make an assessment of ground conditions before proceeding with work	Transference	Principal Contractor	20/12/2023			
5	JF	Landowners restricting access	2	1	B	Contractor	Keep regular communication with landowners prior to work commencing. Notify landowners in advance of works start date	Transference	FoTVT	20/12/2023			