

## Environmental Sustainability Full Impact Assessment

### Impact Assessment Id: #601

#### 1.0 Screening Information

**Project Name**

Shrub Hill Shared Use Link

**Name of Project Sponsor**

Nick Churchill

**Name of Project Manager**

Ben Salcedo

**Name of Project Lead**

Nick Churchill

**Please give a brief description of the project**

A Shared Use Link between Shrub Hill Station and Pheasant Street to connect the station to the city across the canal. Funded by Towns Fund monies secured by Worcester City Council.

**Data Protection screening result**

Does not need a full impact assessment

**Equality and Public Health screening result**

Will require a full impact assessment

**Environmental Sustainability screening result**

Will require a full impact assessment

#### 1.1 Background and Purpose

**Background and Purpose of Project?**

To support your answer to this question, you can upload a copy of the project's Business Case or similar document.  
The Project will create a Shared use link between Shrub Hill Station and Worcester City Centre - works being delivered on behalf of Worcester City Council who have obtained funding through Towns Fund.  
Worcester City Business case appended

**Upload Business Case or Support documents**

[□ Supplement Agenda Item 5 - Town Investment Plan - Shrub Hill Regeneration and Community Skills An \(2\).pdf](#)

**Project Outputs**

Briefly summarise the activities needed to achieve the project outcomes.  
Civil engineering, design & construction

**Project Outcomes**

Briefly summarise what the project will achieve.  
A new shared use link between Shrub Hill Station and Worcester city centre in accordance with planning requirements

**Is the project a new function/service or does it relate to an existing Council function/service?**

Existing

**Was consultation carried out on this project?**

No

## 1.2 Responsibility

### Directorate/Organisation

Economy & Infrastructure

### Service Area

Major Projects & Waste

## 1.3 Specifics

### Project Reference (if known)

CP01339

### Intended Project Close Date \*

March 2026

## 1.4 Project Part of a Strategic Programme

### Is this project part of a strategic programme?

Yes

### An overarching screening has already been carried out for the following areas:

Not recorded

### Upload previous impact assessment documents if available

No files uploaded

## 2 Greenhouse Gas Emissions

### Could the project result in an increase in GHG emissions (including CO2)? Yes

Please be mindful that the Council has committed to reduce its GHG emissions to zero by 2050 and most projects are likely to have an impact on this target. This should be a key consideration in your project delivery and should be reviewed when completing the assessment.

### Please explain your answer below:

Construction vehicles and production of materials to be used in the build will all contribute towards GHG emissions

### Have you undertaken an assessment of the project to know if there will likely be an increase in GHG emissions? No

### Please explain your answer below:

Not recorded

### 3 Resources

**Will the project result in increased consumption of electricity, gas or other heating fuels? Yes**

e.g. project may require use of additional buildings, lighting and heating in buildings, additional ICT equipment, etc.

**Please explain your answer below:**

Compound facilities during construction will require a small amount of lighting & heating

**Will the project reduce energy needs and result in reduced consumption? No**

e.g. disposal of WCC property assets

**Please explain your answer below:**

Not recorded

**Will the project require additional water resources leading to an increase in water consumption? Yes**

e.g. increased use of water through construction processes

**Please explain your answer below:**

Water will be used during construction

**Might there be a decrease in water consumption? No**

e.g. will the project involve water saving measures or initiatives

**Will the project result in the use of other resources, materials or minerals? Yes**

e.g. use of natural resources such as wood; or use of aggregate minerals?

**Please explain your answer below:**

Every effort will be made to source local materials eg. our contractor will source sharp sand & concrete from local supplier and asphalt will come from Pershore asphalt plant within 10 miles of the site. In addition our contractor has a main KPI to recycle 4% of arisings generated on the contract back into Worcestershire.

They achieve this through producing type 1 stone and recofoam and also aim to purchase other recycled products wherever possible.

### 4 Transport

**Will the project result in more people needing to travel? Yes**

e.g. will there be additional cars on the road

**Please explain your answer below:**

Construction workers will need to travel to site - local contracting resources use to minimise this impact and contractors are encouraged to travel to site in as few vehicles as practicable depending on home addresses of operatives.

**Have alternative transport modes been considered? Yes**

e.g. could use be made of public transport/walking/cycling etc.

**Please explain your answer below:**

No practical for transportation of equipment & materials. Shared vehicles utilised to minimise impact.

### 5 Waste

**Is there likely to be an increase in waste as a result of the project? Yes**

e.g. construction waste, packaging waste etc.

**Please explain your answer below:**

As a construction project, waste is inevitable. Contractor recycles wherever possible. This includes crushing of concrete stone materials as use for recycled aggregate. Road planings will also be recycled for reuse. A SWMP/CEMP will be implemented for the scheme.

**Have opportunities to prevent, minimise, reuse or recycle waste been identified and considered? Yes**

e.g. will recycling facilities be available as part of the project

**Please explain your answer below:**

Our contractor has a main KPI to recycle 4% of arisings generated on the contract back into Worcestershire.

They achieve this through producing type 1 stone and recofoam and also aim to purchase other recycled products wherever possible.

Surfacing materials specified are robust, long lasting and easy to clean. Footway areas are wide with easy access for cleaning equipment such as mechanical sweepers. Waste collection is the responsibility of Worcester City Council - we will encourage them to consider the installation of waste recycling facilities.

## 6 Wildlife and Biodiversity

### Will there be any negative impacts on the natural environment? Yes

e.g. will the project involve removal of green space/trees; have wildlife surveys been considered; result in enhancements to green infrastructure; increased biodiversity opportunities etc.?

#### Please explain your answer below:

Some street trees & planting will be removed, however they will be replaced with new trees & planting. At present no additional planters are proposed as part of the scheme.

No bats have been observed along the Canal at present.

Streetlighting upgrade will be designed to be sympathetic to the possibility of bats being present.

Any vegetation to be removed will be checked for protected species but none are anticipated. All tree removal will be scheduled outside of Bird nesting season.

### Has a preliminary ecological appraisal been undertaken? Yes

#### Please explain your answer below:

Completed for Planning

### Has there been consideration of statutory assessments? Yes

e.g. Sustainability Appraisals, Strategic Environmental Assessments and Habitat Regulations Assessment Screening?

N.B. This is a matter of legal compliance - All plans and projects (including planning applications) which are not directly connected with, or necessary for, the conservation management of a habitat site, require consideration of whether the plan or project is likely to have significant effects on that site. This consideration – typically referred to as the ‘Habitats Regulations Assessment screening’ – should take into account the potential effects both of the plan/project itself and in combination with other plans or projects.

#### Please explain your answer below:

Completed for planning.

Canal corridor has the potential to support bats although recent surveys have not identified any. Streetlighting upgrade will be designed to be sympathetic to the local ecology.

## 7 Pollution to land/air/water

### Is there a risk of pollution to the local environment? Yes

e.g.

- will there be surface water run-off or discharge into local water source?
- will there be any impact on local water quality?
- will any waste water require treatment?
- is there the potential for spillage of chemicals?
- is there the potential for emissions to air from combustion processes resulting in poor air quality?

#### Please explain your answer below and include any actions that have been identified to mitigate these risks:

Storage of any chemicals or potentially harmful substances will be in line with relevant COSHH assessments for the material, on bunded spill trays where appropriate to prevent pollution and only in small quantities on site as required. Refueling on plants will be undertaken in designated areas with spill kit near by to contain any spillages at source and prevent pollution. Our contractor has fuel and emissions management process for their own staff/vehicles which includes analysing idling times through their vehicle telematics, which is regularly reviewed with drivers to help reduce emissions.

## 8 Resilience to climate risks

### Could climate risks affect your project? Yes

N.B. some projects may be more sensitive to future changes in the climate e.g. hotter and drier summers; milder and wetter winters; increased likelihood of extreme weather events. These climate risks may affect project delivery and should be considered at the early stages of project development.

#### Please explain your answer below:

Extreme weather episodes have potential to impact works on site - typically our contractor works earlier daily shifts to avoid extreme heat if necessary.

### Has the impact of extreme weather events on the project been considered? Yes

e.g. heat waves and flooding.

#### Please explain your answer below:

Yes - block paving materials are specified for the footways which are less susceptible to deformation in extreme heat than standard footway surfacing. Industry standard hot rolled asphalt products will be used in carriageway which are appropriate for temperature range changes in the UK. Drainage systems will be designed to take account of future climate change in accordance with current best practice design.

### Is there a business/project continuity plan in place to ensure climate risks are minimised? No

e.g. can you ensure that the project is resilient to climate risks and can continue to deliver on outcomes.

### Could the project exacerbate climate risks? Yes

e.g. increase flood risk or worsen temperature extremes in the locality.

#### Please explain your answer below:

There is a minor increase in impermeable surface area due to the removal of planting beds. Any drainage will be designed to account for this.

### Will the project result in the use of other resources, materials or minerals? Yes

e.g. use of natural resources such as wood; or use of aggregate minerals?

#### Please explain your answer below:

Every effort will be made to source local materials eg. our contractor will source sharp sand & concrete from local supplier and asphalt will come from Pershore asphalt plant within 10 miles of the site. In addition our contractor has a main KPI to recycle 4% of arisings generated on the contract back into Worcestershire.

They achieve this through producing type 1 stone and recofoam and also aim to purchase other recycled products wherever possible.

## 9 Historic Environment

### Have you checked with the WCC Historic Environment team as to whether there are any impacts on the Historic Environment (negative or positive)?

Yes

Check every development with the Historic Environment Team at the planning stage of each project. Further assessment may be required depending on the nature and scale of development. There may also be design options that would negate any need for further assessment (and lessen costs), or even opportunities to enhance heritage assets or their setting through the development.

#### Please explain your answer below:

No impacts on the Historic environment - Historic interpretation boards to be provided

### Does the development have the potential to result in any impacts to the historic environment or opportunities for enhancement?

Yes

If yes, then further assessment will be required. This could take the form of a watching brief during groundworks if the potential is clearly understood and relatively low, or a more comprehensive desk-based and/or field investigation prior to development.

#### Please explain your answer below:

Conservation Officer of Worcester City Council has been involved in the design & planning process

10

## Procurement

**Could any procurement associated with the project have a detrimental environmental impact? Yes**

e.g. procurement of goods from overseas that have to be shipped; use of unsustainable materials or materials that cannot be recycled at the end of their use?

**Please explain your answer below:**

Every effort will be made to source local materials eg. our contractor will source sharp sand & concrete from local supplier and asphalt will come from Pershore asphalt plant within 10 miles of the site. In addition our contractor has a main KPI to recycle 40% of arisings generated on the contract back into Worcestershire.

They achieve this through producing type 1 stone and recofoam and also aim to purchase other recycled products wherever possible. Other street furniture, such as bins and benches, are the responsibility of Worcester City Council - these have been selected to suit existing infrastructure.

**Is there likely to be increased Greenhouse Gas emissions from products purchased for the project? Yes**

e.g. carbon emissions from transport and manufacturing

**Please explain your answer below:**

Construction materials will need to be delivered to site but unlikely any will come from overseas

**Will you be able to make use of sustainable products? Yes**

e.g. recycled, local, ethical etc.

**Please explain your answer below:**

Yes - wherever possible. Our contractor has a main KPI to recycle 40% of arisings generated on the contract back into Worcestershire. They achieve this through producing type 1 stone and recofoam and also aim to purchase other recycled products wherever possible.

**Have you considered the Public Services (Social Value) Act 2012? Yes**

All major contracts let by the Council (those of more than £100,000 in total value) will be expected to deliver a meaningful contribution to our vision of Social Value in the county. The Act requires us to consider how the services we commission and procure might improve the economic, social and environmental well-being of the local area.

– please see: [Social Value](#)

**Please explain your answer below:**

Our contractor has a KPI to achieve a positive local impact - examples include recruiting local apprentices, work experience placements, supporting local events with TM FoC, keeping spend local (local sub-contractors etc.) Our contractor has staff who have volunteered with local Worcester Wildlife group and they support employees to volunteer for 2 days per year with full pay. Our contractor has a contractual target of minimum 40% of waste recycled back into Worcestershire. They also aim to divert as much waste as possible from landfill typically they only send around 2-3% of our waste to landfill.

11

## Declaration

**I have confirmed that to the best of my knowledge that the information I have provided is true, complete and accurate**

**I have confirmed that I will make sure that Environmental Sustainability has been and continues to be considered throughout the project life cycle and should circumstances change in the project a further Environmental Sustainability Assessment Screening will be carried out.**

## 12 Application Details

### Last Updated Date Time

22/09/2023 13:54:04

### Screening Submitted Date Time

22/09/2023 13:14:36

### Last Reopened Date Time

No Date Recorded

### Full Impact Submitted Date Time

22/09/2023 13:54:04

### Approved/Rejected Date Time

No Date Recorded

### Current User Dashboard Request Status

Submitted

## 13.0 People with access to the original screening

[Ben Salcedo](mailto:Ben.Salcedo@jacobs.com) ([Ben.Salcedo@jacobs.com](mailto:Ben.Salcedo@jacobs.com))

[Miriam Gorman](mailto:MGorman@worcestershire.gov.uk) ([MGorman@worcestershire.gov.uk](mailto:MGorman@worcestershire.gov.uk))

[Penny Unwin](mailto:PUwin1@worcestershire.gov.uk) ([PUwin1@worcestershire.gov.uk](mailto:PUwin1@worcestershire.gov.uk))

## 13.1 People with access to this environmental sustainability assessment

[Ben Salcedo](mailto:Ben.Salcedo@jacobs.com) ([Ben.Salcedo@jacobs.com](mailto:Ben.Salcedo@jacobs.com))

[Miriam Gorman](mailto:MGorman@worcestershire.gov.uk) ([MGorman@worcestershire.gov.uk](mailto:MGorman@worcestershire.gov.uk))

[Penny Unwin](mailto:PUwin1@worcestershire.gov.uk) ([PUwin1@worcestershire.gov.uk](mailto:PUwin1@worcestershire.gov.uk))

## 14 Direct Questions

No Questions Asked