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Environmental Impact Assessment Record of Determination

A835 Mulbie to Easter Kinkell -Resurfacing

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Project Details

Description

BEAR Scotland has been commissioned by Transport Scotland to carry out resurfacing works on a stretch of the A835 carriageway north of Inverness within the Highland Council Local Authority area. The works consist of milling out and replacing bituminous material and the replacement of all broken gullies and iron works.

The total length of the scheme is 1,690m with an approximate area of 1.32ha.

The main plant will include pavers, planers, excavators, and rollers. A welfare unit with generator will be required on site, and heavy goods vehicles (HGVs) will be required for transport of materials and wastes.

The resurfacing procedure is as follows:

- Set up traffic management (TM) and mark out site.
- Mill out old surface course.
- Lay new surface course.
- Roll surface and allow it to set.
- Install road markings and studs.
- Remove TM and open road.

The works are programmed to be completed within the 2025/2026 financial year, currently commencing in April 2025. Works will be undertaken during night-time hours (19:00-06:00) over the duration of 10 nights. Changes in the programme may result in the need for a change to daytime working.

TM will involve a lane closure with 10mph convoy and temporary traffic lights. Access to junctions and private roads will be maintained. Site access and plant storage will be located within TM. If the programme changes, this may result in amendments to the exact TM requirements.

Location

The scheme is located on the A835 carriageway, north of Inverness within the Highland Council Local Authority area (Figure 1).

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Transport Scotland

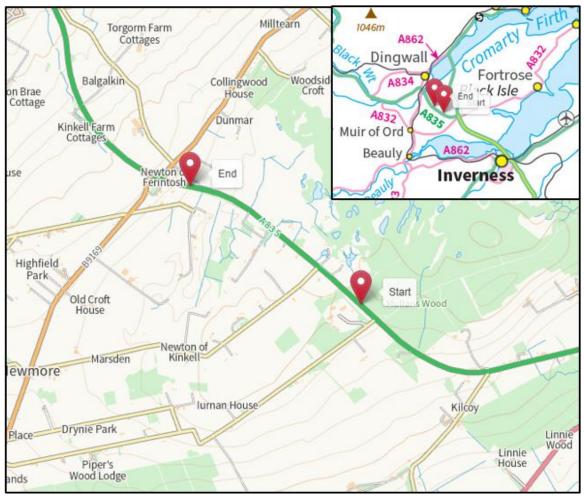


Figure 1: The scheme extent; inset map shows the scheme location in the wider area.

The scheme has the following National Grid References (NGRs):

- Scheme northern point: NH 57753 52774
- Scheme southern point: <u>NH 56365 53731</u>

Description of local environment

Air quality

No Air Quality Management Areas (AQMA) are located within 10km of the proposed works (<u>Air Quality in Scotland</u>).

No Air Quality Monitoring Stations (AQMS) are located within 10km of the proposed works (<u>Air quality in Scotland</u>).

One Scottish Pollutant Release Inventory (SPRI) site (which record air pollutant releases), is located within 10km of the scheme (<u>Scotland's Environment</u>). It lies 5.9km southeast of the proposed works and is classified as 'chemical industry'.

Baseline air quality is likely influenced by traffic along the trunk road and day-to-day agricultural activities.

The A835, within the scheme extents is a single carriageway with the national speed limit applying. The Annual Average Daily Traffic (AADT) flow was recorded as 10,629 motor vehicles in 2023, of which 3% was heavy goods vehicles (ID: 80336) (Road Traffic Statistics).

Cultural heritage

No Listed buildings, Scheduled Monuments, Garden & Designed Landscapes, Conservation Areas, Battlefields or World Heritage sites were identified within 300m of the scheme (<u>PastMap</u>).

There are various Canmore and Historic Environment Records (HERs) within 300m of the scheme extent, the closest of which is the 'Prehistoric Settlement and Field System - Mullans Wood, Tore HER' which lies within the footprint of the works.

Construction of the A835 carriageway is likely to have removed any archaeological remains that may have been present within the carriageway boundary. The potential for the presence of unknown archaeological remains in the study area has therefore been assessed to be low.

The works are confined to the trunk road boundary as such construction of the A835 is likely to have removed any archaeological remains that may have been present within the area and as such 'cultural heritage' is scoped out and is not discussed further within this RoD.

Landscape and visual effects

The scheme is not located within a National Park, a National Scenic Area, or any other area designated for its landscape character or quality (<u>NatureScot</u>).

The Landscape Character Type (LCT) within the study area is 'Open Farmed Slopes' (no. 346) and 'Farmed and Forested Slopes - Ross & Cromarty' (no. 345) (<u>Scottish</u> Landscape Character Types).

Land use (HLA) within 300m of the scheme extent is classified as:

- Opencast site
- Plantation
- Planned smallholdings
- Managed woodland
- Smallholdings
- Urban area
- Rectilinear fields and farms
- Motorway and major roads

The land surrounding the trunk road is classified as 3.1 - Land capable of producing consistently high yields of a narrow range of crops and/ or moderate yields of a wider range. Short grass leys are common and 4.2 – 'Land capable of producing a narrow range of crops, primarily on grassland with short arable breaks of forage crops' (<u>Scotland's soils</u>).

The A835 carriageway is a prominent linear landscape feature. The road corridor, for example, has a distinct character shaped by fast-flowing traffic, road markings, safety barriers, signage, landscaping, lighting etc. The scale of the carriageway detracts from the quality and character of the wider landscape.

The works are confined to the trunk road boundary, the proposed works consist of like-for-like works and are of a short duration and transient nature. As such 'landscape and visual effects' is scoped out and is not discussed further within this RoD.

Biodiversity

Monadh Mor Special Area of Conservation (SAC) is located 260m northeast of the scheme extent.

There are no <u>Local Nature Conservation Sites</u> (LNCS) or Local Nature Reserves (LNRs) within 300m of, or which share connectivity with, the scheme extent (<u>SiteLink</u>).

Monadh Mor Site of Special Scientific Interest (SSSI) overlaps with Monadh Mor SAC and lies 260m northeast of the scheme extent.

The NBN Atlas holds no records of invasive and injurious plant species (as listed in the Network Management Contract (NMC)) within 2km of the scheme.

A search of Transport Scotland's Asset Management Performance System (AMPS) records common ragwort (*Jacobaea vulgaris*) and rosebay willowherb (*Chamaenerion angustifolium*), located within the scheme extent.

The <u>Ancient Woodland Inventory Scotland</u> records multiple areas of ancient woodland within 300m of the scheme extent. All areas are approximately 200m away from the proposed works and are classified as 'ancient (of semi-natural origin)'. They are not covered by tree preservation orders (TPOs) by Highland Council.

Woodland, freshwater, and riparian habitat is present in the surrounding area.

Geology and soils

The A835 within the scheme is not located within a <u>Geological Conservation Review</u> <u>Site</u> (GCRS) or geological SSSI and there are no <u>Local Geodiversity Sites</u> (LGS) with connectivity to the scheme.

The <u>British Geological Survey</u> online mapping tool records the bedrock geology within the scheme extents as:

• Raddery Sandstone Formation – Sandstone

The mapping tool records the following superficial deposits within the scheme extents:

- Peat Peat
- Hommocky (Moundy) Glacial Deposits Diamicton, Sand and gravel

Soils within the scheme extent are recorded as being 'Class 0' as displayed on <u>Scotland's Peat Map</u>. Class 0 is considered to be mineral soil.

Works will be restricted to previously engineered ground within the A835 trunk road boundary. Therefore, this receptor has no constraints that are likely to be impacted by the proposed works and as such, 'geology and soils' is scoped out and is not discussed further within this RoD.

Material assets and waste

The proposed works are necessary to resurface sections of the A835 carriageway. Materials used will consist of:

- Asphaltic material
- Bituminous emulsion bond coat
- Milled in road studs
- Thermoplastic road marking paint

Wastes are anticipated to be removed planings from the surface course, which will be recovered for re-use in line with BEAR Scotland's Procedure 126: The Production of Fully Recovered Asphalt Road Planings. The Contractor is responsible for the disposal of road planings and this has been registered in accordance with a Paragraph 13(a) waste exemption issued by SEPA, as described in Schedule 3 of the Waste Management Licensing Regulations 2011.

A Site Waste Management Plan (SWMP) is not required for the scheme. Coal tar has not been highlighted as being present within the scheme extent.

Noise and vibration

The works do not fall within a Candidate Noise Management Area (CNMA) as defined by the Transportation Noise Action Plan (Road Maps) (<u>TNAP</u>).

LDEN or 'day, evening, night average noise levels' are modelled within the scheme extent. Noise levels are recorded as being between 71 and 77db on the road (<u>ScotGov</u>).

Baseline noise and vibration in the study area is mainly influenced by vehicles travelling along the A835 trunk road. Secondary sources are derived from day-to-day agricultural/forestry land management activities.

Population and human health

There are approximately 30 properties located within 300m of the scheme extent, with the closest lying adjacent to the A835 carriageway.

There are 11 access roads, and three layby bus stops located within the scheme extent, with three more access roads located within 300m of the scheme extent.

There is a paved pedestrian path located along the SB lane, which is classified as Route 1 of the <u>National Cycle Network</u> (NCN).

There is no street lighting or other non-motorised user (NMU) facilities within 300m of the proposed works.

There are no walking routes, as listed on <u>WalkHighlands</u>, within 300m of the scheme extent.

There is one core path (<u>SE Map</u>) located 220m south of the scheme extent.

The A835 Trunk Road, including the A893, connects Tore with Ullapool. It commences at (but excludes) the A9 Tore Roundabout leading generally north-westwards for a distance of 80 kilometres to (but excludes) its junction with the ferry terminal at Ullapool. The A835 is a single carriageway along its length.

Road drainage and the water environment

There are no waterbodies within 300m of the works that have been classified by the Scottish Environment Protection Agency (SEPA) in 2023 under the Water Framework Directive 2000/60/EC (WFD) (<u>SEPA</u>).

There are multiple unclassified watercourses and waterbodies that are culverted below the A835 within the scheme extent.

A search of the <u>SEPA Flood Map</u> identifies that there is a high risk of surface water flooding in sections of the A835 within the scheme extents, with a 10% chance of flooding every year.

A search of the <u>Scotland's Environment</u> (SE) online mapping tool determined that the trunk road, within the scheme extents, lies on the 'Black Isle' groundwater body, which has been classified as 'Good'. The scheme falls into a Drinking Water Protected Area for groundwater.

Climate

The Climate Change (Scotland) Act 2009 sets out the target and vision set by the Scottish Government for tackling and responding to climate change (<u>The Climate</u> <u>Change (Scotland) Act 2009</u>). The Act included a target of reducing CO₂ emissions by 80% before 2050 (from the baseline year 1990). The Climate Change (Emissions Reduction Targets) (Scotland) Act 2019 amended the Climate Change (Scotland) Act 2009 to bring the target of reaching net-zero emissions in Scotland forward to 2045 (<u>Climate Change (Emissions Reduction Targets</u>) (Scotland) Act 2019).

The Scottish Government has since published its indicative Nationally Determined Contribution (iNDC) to set out how it will reach net-zero emissions by 2045, working to reduce emissions of all major greenhouse gases by at least 75% by 2030 (Scotland's contribution to the Paris Agreement: indicative Nationally Determined Contribution - gov.scot (www.gov.scot)). By 2040, the Scottish Government is committed to reducing emissions by 90%, with the aim of reaching net-zero by 2045 at the latest.

Transport Scotland is committed to reducing carbon across Scotland's transport network and this commitment is being enacted through the Mission Zero for Transport (<u>Mission Zero for transport | Transport Scotland</u>). Transport is the largest contributor to harmful climate emissions in Scotland. In response to the climate emergency, Transport Scotland are committed to reducing their emissions by 75% by 2030 and to a legally binding target of net-zero by 2045.

Policies and plans

This Record of Determination (RoD) has been undertaken in accordance with all relevant regulations, guidance, policies and plans, notably including the Environment and Sustainability Discipline of the Design Manual for Roads and Bridges (Design Manual for Roads and Bridges (DMRB)) and Transport Scotland's Environmental Impact Assessment Guidance (Guidance - Environmental Impact Assessments for road projects (transport.gov.scot)).

Description of main environmental impacts and proposed mitigation

Air quality

Construction activities associated with the proposed works have the potential to temporarily cause local air quality impacts. Activities undertaken on site may cause dust and particulate matter to be emitted to the atmosphere. However, taking into account the nature and scale of the works and the following mitigation measures, the risk of significant impacts to air quality are considered to be low.

- When not in use, plant and vehicles will be switched off; there will be no idling vehicles.
- All plant, machinery and vehicles associated with the works will be maintained in order to minimise emissions, as per manufacturing and legal requirements. No significant dust, particulate matter, and exhaust emissions sources will be introduced by the works.
- Green driving techniques will be adopted, and effective route preparation and planning will be undertaken prior to works.
- All delivery vehicles carrying material with dust potential will be covered when travelling to or leaving site, preventing the spread of dust beyond the work area.
- Activities involving cutting/planing will be appropriately managed to reduce the potential for dust creation. This will involve use of measures such as dampening down or on tool extraction where required.
- Material stockpiles will be reduced as far as is reasonably practicable by using a 'just in time' delivery system. All material will also be stored on made ground.
- Any stockpiled material on site will be monitored daily to ensure no risks of dust emissions exists.
- Materials will be removed from site as soon as is practicable.
- Good housekeeping will be employed throughout the work.
- Drop heights to haulage vehicles and onto conveyors will be minimised.
- Surfaces will be swept where loose material remains following planing.

With the above mitigation measures in place, it is anticipated that any air quality effects associated with the proposed works are unlikely to be significant. This receptor is not considered further in this RoD.

Biodiversity

The scheme is located approximately 260m southwest of the Monadh Mor SAC and component SSSI. There is no potential for Likely Significant Effects (LSE) of the works on the qualifying features of the site due to distance, absence of ecological connectivity and the immobile nature of the qualifying habitat features. As such, a Habitats Regulations Appraisal was not required.

During road resurfacing, activities undertaken on site could potentially have a temporary adverse impact on biodiversity in the area as a result of an increased vehicle presence and the potential for disturbance to protected species and pollution of habitats.

All works will be restricted to the A835 carriageway surface and will not entail any instream works or vegetation clearance. There are no significant earthworks associated with the scheme, and the scheme does not require permanent (or temporary) land-take, accommodation works, site clearance or locally gained resources, and there is no requirement to import topsoil. As such, there is limited potential to spread or introduce invasive non-native species (INNS), invasive native perennials, or injurious flowering plant species.

Works are restricted to the A835 carriageway and the number of construction vehicles and construction operatives required onsite is low given the scale and scope of works. In addition, any species in the area are likely to be accustomed to noise and visual disturbance pertaining to vehicle movements on the A835. The scheme is of short duration (10 nights) and will be undertaken on a rolling programme. The potential for significant species disturbance within the area of likely construction disturbance is therefore considered to be low.

Pollution controls and good practice measures to reduce impacts of works on the local environment will be detailed in the Site Environmental Management Plan (SEMP) and adhered to on site. Therefore, with the following mitigation measures in place, the risk of significant impacts on biodiversity are considered to be low:

- Works will be strictly limited to areas required for access and resurfacing works. Unnecessary encroachment onto terrestrial or aquatic areas will not be tolerated.
- Site personnel will remain vigilant for the presence of potentially unrecorded instances of INNS or injurious weeds in road verges throughout the works period. Should any INNS be identified in working areas, no works will take place within 7m of these areas until the BEAR Scotland Environment Team can provide further advice on additional mitigation measures.

- Site personnel will remain vigilant for the presence of any protected species throughout the works period. Should a protected species be noted during construction, works will temporarily halt until the species has sufficiently moved on. Any sightings of protected species shall be reported to the BEAR Scotland Environment Team.
- A 'soft start' will be implemented on site each day. This will involve switching on vehicles and checking under/around vehicles and the immediate work area for mammals prior to works commencing to ensure none are present and that there is a gradual increase in noise.
- Relevant toolbox talks for working with protected species will be included in the SEMP.
- Any excavations, exposed pipes/drains, or areas where an animal could become trapped (e.g., storage containers) will be covered over when not in use, at the end of each shift, and following completion of the works to avoid animals falling in and becoming trapped.
- Any artificial lighting used during night works or periods of low light levels will be directional and will avoid spilling into sensitive areas and nearby habitat where possible.
- If fencing is utilised at any point during the works, a gap of 200mm from ground level will be provided, allowing free passage for mammals and preventing entrapment.

With the above mitigation measures in place, it is anticipated that any biodiversity effects associated with the proposed works are unlikely to be significant. This receptor is not considered further in this RoD.

Material assets and waste

There is potential for impacts as a result of resource depletion through use and transportation of new materials. However, materials will be sourced locally where possible and the following mitigation measures will be put in place:

- Materials will be sourced from recycled origins as far as reasonably practicable within design specifications.
- Care will be taken to order the correct quantity of required materials to prevent the disposal of unused materials.
- Where possible, minimal packaging will be requested on required deliveries to reduce unnecessary waste and production of packaging materials.

There is potential for impacts during works as a result of the improper storage or disposal of waste. The following mitigation measures will be put in place:

- The waste hierarchy (Reduce, Reuse, Recycle and Dispose) will be employed throughout the construction works.
- The subcontractor will adhere to waste management legislation and ensure they comply with their Duty of Care.
- Containment measures will be in place to prevent debris or pollutants from entering the surrounding environment.
- Road planings will be re-used or recycled under a SEPA Paragraph 13(a) waste exemption and in line with BEAR Scotland's Procedure 126: The Production of Fully Recovered Asphalt Road Planings.
- All wastes and unused materials will be removed from site in a safe and legal manner by a licensed waste carrier upon completion of the works. The appointed waste carrier will have a valid SEPA waste carrier registration, a copy of which will be provided to and retained by BEAR Scotland as early as possible.
- All appropriate waste documentation will be present on site and be available for inspection. A copy of the Duty of Care paperwork will be provided and filed appropriately in accordance with the Code of Practice (as made under Section 34 of Environmental Protection Act 1990 as amended).
- Re-use and recycling of waste will be encouraged, and the subcontractor will be required to fully outline their plans and provide documentary evidence for waste arising from the works (e.g., waste carrier's licence, transfer notes, and waste exemption certificates).
- Staff will be informed that littering will not be tolerated. Staff will be encouraged to collect any litter seen on site.
- Where applicable, all temporary signage will be removed from site on completion of the works.

With the above mitigation measures in place, it is anticipated that any material assets and waste effects associated with the proposed works are unlikely to be significant. This receptor is not considered further in this RoD.

Noise and vibration

Construction activities associated with the proposed works have the potential to cause noise and vibration impacts through the use of equipment and construction vehicles for the proposed activities. The works will employ a night-time working pattern. There are around 30 sensitive receptors located within 300m of the works. Due to the short duration and localised nature of the works, the proposed scheme is anticipated to result in temporary minor noise impacts during the construction programme. The following mitigation measures will be put in place:

- The Best Practicable Means, as defined in Section 72 of the Control of Pollution Act 1974, will be employed at all times to reduce noise to a minimum.
- The Environmental Health Officer (EHO) for the Highland Council will be notified of works.
- Local residents within 300m of the works will be notified in advance of the works, likely by letter drop, which will contain details of the proposed timings and duration of the works, in addition to contact details of the Site Supervisor.
- Where possible, the noisiest work operations (e.g., cold milling, using breakers (jackhammers), chipping hammers, use of rollers, etc.) will be completed before 23:00.
- On-site construction tasks will be programmed to be as efficient as possible, with a view to limiting noise disruption to the local area.
- All site personnel will be fully briefed in advance of works regarding the need to minimise noise during works and of the site-specific sensitivities.
- Operatives will be briefed using the 'Being a Good Neighbour' toolbox talk prior to commencement of the works.
- All plant will be operated in such a way that minimises noise emissions and will have been maintained regularly to the appropriate standards.
- Where fitted, and where permitted under Health and Safety requirements, white noise reversing alarms will be utilised during construction.
- Where ancillary plant such as generators are required, they will be positioned so as to cause minimum noise disturbance. Where deemed necessary, acoustic screens will be utilised.
- Notification will be issued to nearby properties prior to commencement of the works, advising of any proposed works and expected restrictions.

With the above mitigation measures in place, it is anticipated that any noise and vibration effects associated with the proposed works are unlikely to be significant. This receptor is not considered further in this RoD.

Population and human health

During construction, activities undertaken on site may have temporary adverse impacts on vehicle travellers, and non-motorised road users (NMUs) as a result of construction presence, and associated noise and delays due to traffic management measures. No significant congestion issues are noted during the proposed construction hours; however increased journey times may occur, but these are considered insignificant considering the relatively low traffic counts.

With the following mitigation measures in place, the risk of significant impacts on population and human health is considered to be low:

- Notification will be issued to local public transport operators prior to commencement of the works, advising of any proposed works and expected restrictions.
- Local access will be granted as required.
- Any changes of schedule (e.g. change from night-time works to daytime works) will be communicated to travelling public throughout the programme.
- Appropriate provisions / measures will be implemented within the TM to allow the safe passage of NMUs of all abilities through the site (if required).
- Journey planning information will be available for drivers online at the trafficscotland.org website. Journey planning information will also be available for drivers online through BEAR's social media platforms.

With the above mitigation measures in place, it is anticipated that any population and human health effects associated with the proposed works are unlikely to be significant. This receptor is not considered further in this RoD.

Road drainage and the water environment

There is potential for temporary impacts on the water environment due to operation of plant within proximity to watercourses and/or drainage systems, which may lead to potential changes in water quality from pollution events (either by accidental spillage of sediments, particulate matter, chemicals, fuels or by mobilisation of these in surface water caused by rain). No in-water works within natural watercourses will take place and there is no requirement for the abstraction or transfers of water from, or discharges to, a waterbody. As such, the potential for a direct pollution incident within a waterbody is unlikely. Experience gained from BEAR maintenance schemes elsewhere on the network has shown that where standard good working practice is adopted (e.g., adherence to SEPA good practice guidance, utilisation of drain covers or similar, etc.), water quality is protected.

The works may result in potential direct or indirect effects on surrounding waterbodies. The following mitigation measures will be put in place to reduce the risk of pollution incidents as a result of works:

• The scheme will not entail any in-stream works.

- Standard working practices to comply with The Water Environment (Controlled Activities) (Scotland) Regulations 2011 (as amended) for works in or near water are detailed in the SEMP and will be adhered to on site.
- No discharges into any watercourses or drainage systems will be permitted. Appropriate containment measures will be in place to prevent any loss of construction materials into the water environment.
- Appropriate measures will be implemented during resurfacing operations to limit the potential for wastes (i.e. road planings) and materials (i.e. new asphalt) to enter any gullies present on site. On completion of resurfacing operations, any gullies present on site will be visually checked to ensure they have not become blocked as a result of the scheme.
- An incident response (contingency) plan will be put in place to reduce the risk from pollution incidents or accidental spillages. All necessary containment equipment, including suitable spill kits (for oil and chemicals) will be available on site, quickly accessible if needed, and staff trained in their use.
- All spills will be logged and reported. In the event of any spills into the water environment, all works will stop, and the incident will be reported to the project manager and the BEAR Scotland Environmental Team. SEPA will be informed of any such incident as soon as possible using the SEPA Pollution Hotline.
- All plant and equipment will be regularly inspected for any signs of damage and leaks. A checklist will be present to make sure that the checks have been carried out.
- Storage of hazardous material, oil and fuel containers will be distanced more than 10m away from any watercourses.
- If required, a designated refuelling area will be identified. Fuel bowsers will be stored on an impermeable area and will be fully bunded. This will be distanced more than 10m from any watercourses.
- During refuelling of smaller mobile plant, a funnel will be used, and drip trays will be in place. Care will be taken to reduce the chance of spillages. Spill kits will be quickly accessible to capture any spills should they occur. The ground / stone around the site of a spill will be removed, double bagged and taken off site as special contaminated waste.
- Generators and static plant may have the potential to leak fuel and / or other hydrocarbons and will have bunding with a capacity of 110%. If these are not bunded then drip trays must also be supplied beneath the equipment with a capacity of 110%.

With the above mitigation measures in place, it is anticipated that any road drainage and the water environment effects associated with the proposed works are unlikely to be significant. This receptor is not considered further in this RoD.

Climate

Construction activities associated with the proposed scheme works have the potential to cause local air quality impacts as a result of the emission of greenhouse gases through the use of vehicles and machinery, material use and production, and transportation of materials to and from site. The following mitigation measures will be put in place:

- BEAR Scotland will adhere to their Carbon Management Policy.
- Local contractors and suppliers will be used as far as practicable to reduce fuel use and greenhouse gas emitted as part of the works.
- Where possible, materials will be sourced locally to reduce greenhouse gas emissions associated with materials movement, and waste will be removed to a local waste management facility.

With the above mitigation measures in place, it is anticipated that any climate effects associated with the proposed works are unlikely to be significant. This receptor is not considered further in this RoD.

Vulnerability of the project to risks

There will be no change to the likelihood of flooding on the A835 within the scheme extents upon completion of the works and the works will not result in any change in vulnerability of the A835 carriageway or active travel route to risk, or in severity of major accidents/disasters that would impact on the environment.

Works are restricted to the made ground of the A835 carriageway and TM will be designed in line with existing guidance. TM will consist of single lane closures with a 10mph convoy. Where required, alternative NMU provisions/routes will be included in the TM setup, to minimise impact of the works on NMUs.

A Traffic Management Plan (TMP), which includes measures to avoid or reduce disruption to road traffic, will be produced in accordance with the Traffic Signs Manual (Department of Transport 2009). The TMP will ensure that there is no severance of community assets, access routes or residential development.

These measures, along with mitigation measures and standard working practices, will be detailed in the SEMP and adhered to on site. The vulnerability of the project to risks of major accidents and disasters is considered to be low.

Assessment cumulative effects

The proposed works are not anticipated to result in significant environmental effects. Due to the nature of the proposed works, no cumulative effects are anticipated with any other developments in the vicinity.

A search of the Highland Council Planning Portal (<u>Highland Council Planning Portal</u>) identified one approved planning application within 300m of the scheme in the last 6 months. It is for the erection of replacement ancillary storage shed located 270m north of the scheme extent. Due to the nature of the proposed works, no cumulative effects are anticipated with any other developments in the vicinity.

A search of the Scottish Roads Works Commissioner website (Scottish Road Works) has identified that no other roadworks are currently ongoing, or noted as being planned, on the trunk road at the same time as this scheme. Due to the nature of the proposed works, no cumulative effects are anticipated with any other developments in the vicinity.

BEAR Scotland programme all of their proposed works in line with appropriate guidance and contractual requirements. All schemes are programmed to take into account existing and future planned works, with a view of limiting any cumulative effects relating to TM. As a result of this exercise, where a potential for cumulative impacts is identified, BEAR will reprogramme schemes to avoid / limit any cumulative effects or will utilise existing TM to complete multiple schemes at once. This approach allows BEAR Scotland to effectively manage the potential cumulative effects as a result of TM, resulting in minimal disruption to users of the Scottish trunk road network.

Overall, it is unlikely that the proposed works will have a significant cumulative effect with any other future works in the area.

Assessments of the environmental effects

As detailed in the Description of Main Environmental Impacts and Proposed Mitigation section within this Record of Determination, there are no significant effects anticipated on any environmental receptors as a result of the proposed works.

Statement of case in support of a Determination that a statutory EIA is not required

This is a relevant project in terms of section 55A(16) of the Roads (Scotland) Act 1984 as it is a project for the improvement of a road and the completed works (together with any area occupied by apparatus, equipment, machinery, materials, plant, spoil heaps, or other such facilities or stores required during the period of construction) exceed 1 hectare in area.

The project has been subject to screening using the Annex III criteria to determine whether a formal Environmental Impact Assessment is required under the Roads (Scotland) Act 1984 (as amended by The Roads (Scotland) Act 1984 (Environmental Impact Assessment) Regulations 2017). Screening using Annex III criteria, reference to consultations undertaken and review of available information has not identified the need for a statutory EIA.

The project will not have significant effects on the environment by virtue of factors such as:

Characteristics of the scheme:

- Works are restricted to like-for-like replacement of worn road surface, with all works restricted to made ground on the A835 carriageway surface.
- Construction activities are restricted to an area of 1.32ha along a 1,690m stretch of the A835.
- The works will be temporary, transient, localised, and completed during nighttime hours on a rolling programme.
- Works are not expected to result in significant disturbance to protected species that may be present in the wider area.
- The risk of major accidents or disasters is considered to be low.
- Removing the carriageway defects will provide this part of the A835 carriageway with another life cycle, and significantly improve the ride quality, which will result in safer conditions for road users.

Location of the scheme:

• The scheme will be located within the existing A835 road boundary and as such, no land take will be required.

• The scheme is not located within a NP/NSAs or any other sensitive sites (such as any sites designated for biodiversity conservation). Works entail like-for-like resurfacing and no change to the visual landscape is expected.

Characteristics of potential impacts of the scheme:

- Any potential impacts of the works are expected to be temporary, short-term, non-significant, and limited to the construction phase.
- Measures will be in place to ensure appropriate removal and disposal of waste.
- No impacts on the environment are expected during the operational phase as a result of works. The works are expected to result in positive impacts on road users, ecological and human receptors during the operational phase.
- As the works will be limited to the like-for-like replacement there is no change to the vulnerability of the road to the risk or severity of major accidents/disasters that would impact on the environment.
- Mitigation measures detailed above (and in the SEMP) will be put in place with the objective to prevent and, if required, subsequently control any potential impacts on sensitive receptors.

Annex A

"sensitive area" means any of the following:

- land notified under sections 3(1) or 5(1) (sites of special scientific interest) of the Nature Conservation (Scotland) Act 2004
- land in respect of which an order has been made under section 23 (nature conservation orders) of the Nature Conservation (Scotland) Act 2004
- a European site within the meaning of regulation 10 of the Conservation (Natural Habitats, &c.) Regulations 1994
- a property appearing in the World Heritage List kept under article 11(2) of the 1972 UNESCO Convention for the Protection of the World Cultural and Natural Heritage
- a scheduled monument within the meaning of the Ancient Monuments and Archaeological Areas Act 1979
- a National Scenic Area as designated by a direction made by the Scottish Ministers under section 263A of the Town and Country Planning (Scotland) Act 1997
- an area designated as a National Park by a designation order made by the Scottish Ministers under section 6(1) of the National Parks (Scotland) Act 2000.



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