



RESIDUAL DESIGN HAZARDS
 (The following information has been collected from Preconstruction Information and the AmeyArup CDM Hazard Management Process.)

- LEGEND**
- Significant Environmental Issues
 - Site of Special Scientific Interest (SSSI)
 - Inventory of Gardens and Designed Landscapes
 - Scheduled Monuments
 - X X X Inventory of Historic Battlefields
 - Category A Listed Building
- Environmental appraisal impact**
- Major Adverse Impact alignment section
 - Moderate Adverse Impact alignment section
 - Minor Adverse Impact alignment section

P02	Final	JC	FM	NH	AF
	17/04/18	18/04/18	18/04/18	18/04/18	18/04/18
P01	Draft	JC	FM	NH	AF
	10/04/2018	11/04/2018	11/04/2018	12/04/2018	13/04/2018
Revision	Revision details				
	Created	Checked	Reviewed	Approved	Authorised
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

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Project Name
A96 Dualling: East of Huntly to Aberdeen

Drawing Title
First Fix Environmental Appraisal of Alignment BN01+01

Project Ref. No.	Stage	Scale:	@A1
250002-92	Stage 2	1:15,000	
		Dimensions:	

Drawing Number	Project	Originator	Volume
A96PEA - AMAR - EGN - CB			
Location	Type	Role	Number

Suitability	Suitability Description	Revision
S4	Fit for Stage Approval	P02

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Alignment	Landscape and visual impact	Landscape and visual commentary	Water	Water commentary	Ecology	Ecology commentary	People and community	People and community commentary	Noise	Noise commentary	Air quality	Air quality commentary	Cultural heritage	Cultural heritage commentary	Plans and policies	Plans and policies commentary	Soil and geology	Soil and geology commentary
BN+01-001		The overall rating is assessed as large adverse due to the introduction of a large structure crossing the River Don within a landscape of high sensitivity to change.		Route crosses the extensive floodplain of River Don (ch.3000m). Crossing is approximately perpendicular to flow and there is potential for active morphology at this crossing location (moderate adverse). At ch.2550m the route buffer extends over the River Don without crossing it - encroaching onto extensive floodplain without taking the shortest route and potential requirement for river realignment (major adverse).		Ecological receptors/constraints include two water crossings.		The following properties are within the alignment: No's 9-12 and 14 Heathlands Park, Kinellar, Kintore Golf Course is severed by this alignment. The agricultural land is predominantly Class 3.2 with sections of 4.1. There is a small area of 3.1 within the middle section of this alignment.		There is minor or negligible potential change to level of the existing noise climate, resulting from the introduction of new roads and/or rerouting of existing traffic. Minor increase to the noise climate may take place upon communities with a relative medium population count. There are Local Development Plan (LDP) allocations in the area including OP1: Kintore East Allocation: A mix of uses including 600 homes and employment land.		In relation to baseline, all routes are beneficial because the alignment is moved away from Inverurie which is high density land-use into areas of low density land use with good background air quality. None of the routes are major beneficial because some new exposures would occur for each route. Routes which are outside 100m of new agglomerations (10 people or more) are classed as moderate beneficial.		A direct impact on Aberdeenshire Canal (Scheduled Monument - SM675) would cause a likely substantial environmental effect (and risk to achieving consent). Likely impact on setting of Valleyview cairn (SM12435) due to proximity of alignment. Views to the west are an important part of setting of cairn, and the impact would be somewhat reduced if alignment moved to the east of the SM.		Route entirely outwith settlement boundaries and LDP allocations.		Small areas of prime agricultural land, contaminated land (worked ground), and mineral resources.
BN+01-002		The overall rating is assessed as large adverse due to the introduction of a large structure crossing the River Don within a landscape of high sensitivity to change.		Route crosses the extensive floodplain of River Don (ch.3300m). Crossing is approximately perpendicular to flow and there is potential for active morphology at this crossing location (moderate adverse).		Ecological receptors/constraints include one ancient woodland, badgers, and one water crossing.		The following properties are within the alignment: No's 9-12 and 14 Heathlands Park, at Kinellar, and Hedges, at Wester Fintray, Kintore Golf Course is severed by this alignment. Agricultural land is predominantly Class 3.2 and 4.1. There is a section of 3.1 within the middle section of this alignment.		Potential noticeable decrease to level of current noise climate at Kintore, resulting from rerouting traffic via new roads. The increase to noise from the new roads, potentially impacts communities with a relative medium population count, which are located close to the new roads. It is noted however that there are a number of LDP in the area including the OP1: Kintore East Allocation: A mix of uses including 600 homes and employment land.		In relation to baseline, all routes are beneficial because the alignment is moved away from Inverurie which is high density land-use into areas of low density land use with good background air quality. None of the routes are major beneficial because some new exposures would occur for each route. Routes which are outside 100m of new agglomerations (10 people or more) are classed as moderate beneficial.		A direct impact on Aberdeenshire Canal (SM675) would cause a likely substantial environmental effect (and risk to achieving consent). Likely impact on setting of Hoghole Cottage (SM12443) due to proximity of alignment.		Route entirely outwith settlement boundaries and LDP allocations.		Small areas of prime agricultural land, contaminated land (disused canal crosses alignment at one point), and mineral resources are present.
BN+01-003		The overall rating is assessed as large adverse due to the introduction of a large structure crossing the River Don within a landscape of high sensitivity to change.		Route crosses the extensive floodplain of River Don (ch.4000m). Crossing is approximately perpendicular to flow and there is potential for active morphology at this crossing location (moderate adverse).		Ecological receptors/constraints include one ancient woodland, badgers, and one water crossing.		The following properties are within the alignment: No's 9-12 and 14 Heathlands Park, Kinellar. Agricultural land is predominantly Class 3.2 and 4.1, with a section of 3.1 within the middle section of this alignment.		Potential noticeable decrease to level of current noise climate at Kintore, resulting from rerouting traffic via new roads. The increase to noise from the new roads, potentially impacts communities with a relative medium population count, which are located close to the new roads. It is noted however that there are a number of LDP in the area including the OP1: Kintore East Allocation: A mix of uses including 600 homes and employment land.		In relation to baseline, all routes are beneficial because the alignment is moved away from Inverurie which is high density land-use into areas of low density land use with good background air quality. None of the routes are major beneficial because some new exposures would occur for each route. Routes which are outside 100m of new agglomerations (10 people or more) are classed as moderate beneficial.		A direct impact on Aberdeenshire Canal (SM675) would cause a likely substantial environmental effect (and risk to achieving consent). Likely impact on setting of Larrick Cairn (SM12352), due to proximity of alignment.		Route entirely outwith settlement boundaries and LDP allocations.		Small areas of prime agricultural land, contaminated land (disused canal crosses alignment at one point), and mineral resources are present.
BN+01-004		The overall rating is assessed as large adverse due to the introduction of a large structure crossing the River Don within a landscape of high sensitivity to change.		Route crosses the extensive floodplain of River Don (ch.4250m), and an unnamed watercourse at ch.1750m. Crossings are approximately perpendicular to flow (moderate adverse). Potential for active morphology at crossing of River Don (moderate adverse).		Ecological receptors/constraints include badger are known for badger activity, and one water crossing.		The following properties are within the alignment: No's 9-12 and 14 Heathlands Park, Kinellar, Windsor Grove, Kinellar, Deystone Cottages, the Rushlach. Backhill also falls partially within the alignment. Agricultural land is predominantly Class 3.2 with two small pockets of 3.1, and areas of 4.1 and 4.2.		Potential noticeable decrease to level of current noise climate at Kintore, resulting from rerouting traffic via new roads. The increase to noise from the new roads, potentially impacts communities with a relative medium population count, which are located close to the new roads. No LDPs have been identified in the area.		In relation to baseline, all routes are beneficial because the alignment is moved away from Inverurie which is high density land-use into areas of low density land use with good background air quality. None of the routes are major beneficial because some new exposures would occur for each route. Routes which are outside 100m of new agglomerations (10 people or more) are classed as moderate beneficial.		Although a number of cultural heritage assets lie within 2km of this alignment. No specific likely issues have been identified, and all effects are likely to be non-material.		Route entirely outwith settlement boundaries and LDP allocations.		Small areas of prime agricultural land, contaminated land (disused canal crosses alignment at one point), and mineral resources are present.