



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

- LEGEND**
- Significant Environmental Issues
 - Wildcat Priority Area
 - Site of Special Scientific Interest (SSSI)
 - Inventory of Gardens and Designed Landscapes
 - Scheduled Monuments
 - 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	AC	JC	FM	NH	AF
		17/04/18	18/04/18	18/04/18	18/04/18	18/04/18
P01	Draft	AC	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 CN03

Project Ref. No	Stage	Scale	@A1
250002-92	Stage 2	1:25,000	
		Dimensions	

Drawing Number	Project	Originator	Volume
A96PEA	-AMAR-	EGN-	
CC	-DR-EN-	000003	
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
CN03-001		The majority of the alignment has earthworks >15m with sections of cutting up to 76m in depth and long sections of embankment >15m and up to 35m in height. The overall rating is therefore Major adverse.		Route crosses the extensive floodplain of The Kelloch (ch.6250m) and is not perpendicular to flow (major adverse).		Ecological receptors/constraints include one local designated site (Local Nature Conservation Site), six water crossings, and one small ancient woodland.		Alignment passes through areas of class 3.1 agricultural land surrounding Insch and Oyne. No Class 1 or 2 land.		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. The small increase around Insch in noise is identified at communities with a relative low population count.		The baseline alignment between Huntly and Inverurie is sparsely populated. The new alignment moves the road to a similarly sparsely populated area. All of the alignments are distant from inhabited areas with population seemingly <10pp/km. Alignment 001 passes near to Bogend and Oyne so is classed as minor beneficial.		Alignment CN03-001 passes in very close proximity to the Gowk Stone standing stone (Scheduled Monument - SM12107) and would cause a substantial change to its setting. The alignment also runs in close proximity to Westhall House Category A Listed Building (LB6134), through the remnants of the non-inventory Garden and Designed Landscape (GDL) which forms its setting. The alignment would be visible within the key view south-east from the House, forming a major new element in this key view. The alignment would also run between the two Scheduled Monuments of Brownhills Cairns (SM12116) and Wester Shewood Cairn (SM12115). Views between the two SMs form a key part of their settings. The alignment would also be visible within the key views from Newton House (Category B Listed Building at the centre of Newton House Inventory GDL, and Williamston House (category B Listed Building at the centre of Williamston House Inventory GDL). The alignment may impact on the setting of Harthill Castle. It may be visible beyond the castle in views from locations to the north.		This route does not pass through any LDP allocations, settlements or committed developments.		One large stretch of prime agricultural land, and several smaller areas. Small area of mineral resources.
CN03-002		The scale of the earthworks, loss of woodland and length of alignment within Bernachie Special Landscape Area (SLA) will result in Major adverse impacts along the majority of the alignment. The overall rating is therefore Major adverse.		Route crosses a number of watercourses where the floodplain is <100m wide (minor adverse). Potential active morphology at the crossing of Gadie Burn at ch.10050m (moderate adverse).		Ecological receptors/constraints include one local designated site, five water crossings, one small ancient woodland, one small sensitive area for protected species (badger).		There is one residential property at Hillbrae south of Oyne. Alignment passes through areas of class 3.1 surrounding Insch and Oyne. No Class 1 or 2 land.		There is noticeable potential change to level of the existing noise climate, resulting from the introduction of new roads and/or rerouting of existing traffic. However, the increase in noise is identified at communities with a relative low population count. Areas of Insch may be affected and Local Development Plan (LDP) allocations in the region such as OP4: North of Insch Business Park Allocation: Sha employment land.		The baseline alignment between Huntly and Inverurie is sparsely populated. The new alignment moves the road to a similarly sparsely populated area. All of the alignments are distant from inhabited areas with population seemingly <10pp/km. This alignment passes within 200m of the LDP settlement boundary for Insch, but there are few receptors in this area so is classed as moderate beneficial.		Alignment CN03-002 passes in close proximity to Berry Hill enclosure (SM5380) and would cause a substantial change to its setting. The alignment would be visible within the key Williamston House (Category B Listed Building at the centre of Williamston House Inventory GDL), potentially having an effect upon the setting of both the House and the GDL. The alignment may impact on the setting of Harthill Castle. It may be visible beyond the castle in views from locations to the north.		This route does not pass through any LDP allocations, settlements or committed developments.		Small areas of prime agricultural land, contaminated land (railway, military land), and a small area of mineral resources, are present.
CN03-003		The scale of the earthworks, loss of woodland and length of alignment within Bernachie SLA will result in Major adverse impacts along the majority of the alignment. The overall rating is therefore Major adverse.		Route crosses the extensive floodplain of the Shevock Burn (ch.8350) and Gadie Burn (ch.10050). These crossings are not perpendicular to flow (major adverse).		Ecological receptors/constraints include one local designated site, and three water crossings.		There is one residential property at Hillbrae south of Oyne. Alignment passes through areas of class 3.1 land surrounding Insch and Oyne. No Class 1 or 2 land.		Potential noticeable increase to level of current noise climate as a result of introduction of new roads. This potential increase is identified upon communities with a relative medium population count such as Insch. Additionally, there are LDP allocations which are potentially affected including the Insch OP4: North of Insch Business Park Allocation: Sha employment land.		The baseline alignment between Huntly and Inverurie is sparsely populated. The new alignment moves the road to a similarly sparsely populated area. All of the alignments are distant from inhabited areas with population seemingly <10pp/km. This alignment passes within 200m of the LDP settlement boundary for Insch, but there are few receptors in this area so is classed as moderate beneficial.		Alignment CN03-003 passes in close proximity to Berry Hill enclosure (SM5380) and would cause a substantial change to its setting. The alignment would be visible within the key view to the SW from Hatton of Ardoyne Stone Circle (SM23) and would cause a substantial change to its setting. The alignment would be visible within the key Williamston House (Category B Listed Building at the centre of Williamston House Inventory GDL), potentially having an effect upon the setting of both the House and the GDL. The alignment may impact on the setting of Harthill Castle. It may be visible beyond the castle in views from locations to the north.		This route does not pass through any LDP allocations, settlements or committed developments.		Small areas of prime agricultural land, contaminated land (sewage works, railway), small areas of mineral resources, are present.