

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 CN02

Project Ref. No.	Stage	Scale	@A1
250002-92	Stage 2	1:50,000	
Dimensions :			

Drawing Number	Project	Originator	Volume
A96PEA	-AMAR-	EGN-	
CC	-DR-EN-	000002	
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
CN02-001		The appraisal identifies long sections of the alignment as having Major adverse effects on landscape character, due to large scale earthworks and introduction of new large structures, together with the loss of mature beech trees within rows to the northwest of Insh and the impacts and loss of woodland on the setting of the village. Earthworks and loss of woodland within Bannachie Special Landscape Area (SLA) will result in Major adverse effects at the south end of the alignment. Moderate adverse effects are predicted where earthworks are 5-15m and where there is loss of woodland. Due to the magnitude of areas rated as having Major adverse effects, the overall rating of this alignment is Major adverse.		Route crosses the extensive floodplain of the Shevock Burn (ch.13850m) and is not perpendicular to flow (major adverse). Potential for active morphology at this crossing and the crossing of the Gadie Burn (ch.16900m) (moderate adverse).		Ecological receptors/constraints include the wildcat priority area, and one local designated site (Local Nature Conservation Site).		The alignment crosses two residential properties, Trevol Cottage and Bonnyview Cottage, both west of Insh. Alignment passes through areas of class 3.1 agricultural land surrounding Insh. No Class 1 or 2 land is present.		Potential very 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, including Insh and Huntly. Additionally, there are Local Development Plan (LDP) allocations which are potentially affected by the proposed road alignment including: Insh: OP1: Land at North Road Allocation: 48 homes, OP2: Land at South Road Allocation: 12 homes, OP3: Hillview, South Road Allocation: 10 homes.		The baseline alignment between Huntly and Inverurie is sparsely populated. The new alignment moves the road to a similarly sparsely populated area. Alignment passes <200m from Insh settlement area, so is classed as minor beneficial.		This alignment intersects the southern part of Berryhill enclosure (Scheduled Monument - SMS380), but it is assumed it would be possible during design work to move the alignment to avoid any direct impacts. Nonetheless significant effects upon the setting of Berryhill enclosure (SMS380) are likely. There are also a series of other Scheduled Monuments whose settings are likely to be impacted by the use of this alignment.		The route does not pass through any LDP allocations or settlements. It does pass within close proximity to through small scale committed developments to the east of Insh.		Peat in 450m of alignment. Many small areas and one large stretch of prime agricultural land (1km), but small proportion of overall alignment length. Contaminated land (railway) and peat diggings also present.
CN02-002		The appraisal identifies long sections of the alignment as having Major adverse effects on landscape character, due to large scale earthworks and introduction of new large structures together with the loss of mature beech trees forming distinctive intact field boundaries and belts to the northwest of Insh and the impacts of loss of woodland on the setting of the village. Earthworks and loss of woodland within Bannachie SLA will result in Major adverse effects at the south end of the alignment. Moderate adverse effects are predicted in sections of earthworks of 5-15m depth/height and where there is loss of woodland. Given these factors the overall rating of this alignment is Major adverse.		Route crosses the extensive floodplain of the Shevock Burn (ch.15800m) and Gadie Burn (ch.19500m) - these crossings are not perpendicular to flow (major adverse) and there is potential for active morphology (moderate adverse). Route crosses the extensive floodplain of the River Bogie (ch.4200m) and is perpendicular to flow (moderate adverse).		Ecological receptors/constraints include the wildcat priority area, one sensitive area for protected species (Badger), and two water crossings.		There is a commercial property, east of Huntly at a Scottish Hydro Electric substation and a residential property at Upper Piriesmill. Alignment passes through areas of class 1.1 land surrounding Insh. No Class 1 or 2 land.		Potential very 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, including Insh and Huntly. Additionally, there are LDP allocations which are potentially affected by the proposed road alignment including: Insh: OP1: Land at North Road Allocation: 48 homes, OP2: Land at South Road Allocation: 12 homes, OP3: Hillview, South Road Allocation: 10 homes.		The baseline alignment between Huntly and Inverurie is sparsely populated. The new alignment moves the road to a similarly sparsely populated area. Alignment passes <200m from Huntly and Insh settlement areas, so is classed as minor beneficial. Main road is moved slightly further from receptors at Huntly.		This alignment lies close to Berryhill enclosure (SMS380) and would have a likely significant impact on its setting. Further to the north the alignment lies within the key view south from Picardy Stone. It also passes in close proximity to Candle Stone Stone circle (SM12).		The route does not pass through any LDP allocations or settlements. It does pass within close proximity to through small scale committed developments to the east of Insh and at Greensmyres.		Peat in 225m of alignment. Many small areas and one large stretch of prime agricultural land (1.8km), but small proportion of overall alignment length. Contaminated land (railway) and mineral resources also present.
CN02-003		The appraisal identifies long sections of the alignment as having Major adverse effects on the landscape character, mainly due to large scale earthworks, introduction of large structures and loss of woodland. The loss of complete lines of mature beech trees west of Auchinbreddie and northwest of Insh, potential impacts on the setting of the scheduled monument at Dunsdeer and severance of Dunsdeer Hill from Insh, large scale earthworks and loss of woodland within Bannachie SLA are also Major adverse effects. The assessment of the alignment is therefore Major adverse.		Route crosses the extensive floodplain of the Gadie Burn (ch.19100m) and is not perpendicular to flow (major adverse). There is potential for active morphology at this crossing and the crossing of the Shevock Burn (moderate adverse). Route crosses the extensive floodplain of the River Bogie (ch.400m) and is perpendicular to flow (moderate adverse).		Ecological receptors/constraints include the wildcat priority area, two sensitive areas for protected species (Badger etc.), one ancient woodland, and one water crossing.		Alignment passes through areas of class 3.1 land surrounding Insh 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 high population count, including Insh and Huntly.		The baseline alignment between Huntly and Inverurie is sparsely populated. The new alignment moves the road to a similarly sparsely populated area. Alignment ties in to existing road <200m from Huntly settlement area, but moves the main road slightly further from receptors.		This alignment lies close to Berryhill enclosure (SMS380) and would have a likely significant impact on its setting. Further to the north it runs close to Hill of Dunsdeer (SM95), and is likely to have a significant impact on its setting.		The route does not pass through any LDP allocations or settlements, or committed developments.		Small areas of prime agricultural land, contaminated land (railway, cement works), and small areas of mineral resources also present.
CN02-004		The appraisal identifies long sections of the alignment as having Major adverse effects on the landscape character due to the cumulative effect of introducing three new large structures along 2.45km, large scale earthworks, loss of woodland and trees in Shanqhar, a major loss of woodland in the slopes of Wishach Hill. Major adverse impacts on the setting of Dunsdeer are expected with cuttings of >30m. In addition, cumulative adverse effects are expected from the cutting of >40m through Hill of Tillymuck, earthworks of >5m and major loss of woodland and ancient woodland within the SLA of Bannachie.		Route crosses the extensive floodplain of the River Bogie (ch.450m) and is not perpendicular to flow (major adverse). Potential for active morphology at the crossings of the Shevock Burn (ch.16350m) and Gadie Burn (ch.20000m) (moderate adverse).		Ecological receptors/constraints include the wildcat priority area, two sensitive areas for protected species (Badger etc.), one large and one small ancient woodland, and two water crossings.		There is one residential property at Puttingstone, south of Oyne. Alignment passes through areas of class 3.1 land surrounding Insh 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 high population count, including Insh and Huntly.		The baseline alignment between Huntly and Inverurie is sparsely populated. The new alignment moves the road to a similarly sparsely populated area. Alignment ties in to existing road <200m from Huntly settlement area but moves the main road slightly further from receptors.		This alignment passes close to Tillymuck settlement (SMS316) and may have a significant effect on its setting (particularly its intervisibility with Berryhill enclosure). Further north it runs very close to Hill of Dunsdeer (SM95) and is likely to have a significant impact on its setting. This alignment would also be visible in the key view south from Candle Stone Circle (SM12).		The route does not pass through any LDP allocations or settlements, or committed developments.		Small area of peat, small area of prime agricultural land, contaminated land (railway), and small areas of mineral resources, all present.