



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
 - 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

Impact on Inventory Historic Battlefield, Category A Listed Buildings setting and Scheduled Monument setting

High density of residential properties

Air quality and noise receptors at Port Elphinstone. LDP housing and business allocation and major mixed use development currently under consideration.

Sand and gravel, and prime agricultural land

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 OLI

Project Ref. No. 250002-92	Stage Stage 2	Scale : 1:15,000 @A1 Dimensions :
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Drawing Number Project	Originator	Volume
A96PEA - AMAR - EGN - CB		
Location	Type	Role Number

Suitability S4	Suitability Description Fit for Stage Approval	Revision 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
OL1-001		The alignment is online on the alignment of the existing A96. It will result in widening of the existing road which has the potential to impact upon nearby residential properties between ch. 3500 and ch. 6000. There is an existing structure across the River Don at ch. 6100. It will be replaced by a new structure which will result in loss of woodland and potential impacts upon visual amenity.		The existing A96 crosses extensive floodplain of the River Don at ch. 4750m. The crossing is perpendicular to flow and there is potential for active morphology at this location (moderate adverse).		Impacts on ancient woodland adjacent to the current A96 and additional impacts of works required on River Don crossing.		Central area of section through densely populated at Inverurie and most likely where community facilities are located. Inverurie Golf Club located along side and within the alignment. Partially affected. Ardrennan House Hotel and Edgell Hill Kids centre (Pre-school nursery and after school club with activities for disabled children) within alignment. Properties are located within alignment. Seven properties north of Inverurie. Two or three large clusters of approx. 20 houses in middle section through Inverurie. Nine properties south of Inverurie. Prime and non prime agricultural land located along section.		Potential minor or negligible 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 such as Inverurie.		Online upgrade increases the size of the road running west of Inverurie with the effects of the road covering a commensurate larger area.		This alignment follows the course of the existing A96 road and is therefore unlikely to cause any significant impacts on the setting of heritage assets. An impact on the setting of Thainstone House may result from road widening, if it causes the loss of trees which currently form the edge of the non-inventory Garden and Designed Landscape (GDL) which is the setting for Thainstone House.		Route passes directly through the settlements of Inverurie and Port Ephinstone, amongst associated Local Development Plan (LDP) allocations. The route is immediately adjacent to, or in close proximity to, LDP allocations including, Opportunity Sites for residential, mixed use and business development, and Protected Areas of green/amenity space. With regards to committed development there is a relatively high concentration of approved planning permissions, and applications under consideration, immediately adjacent to, or in close proximity to, the route. These include commercial and residential developments at various stages of post consent development.		Many small areas of prime agricultural land. Contaminated Land (tank in one location). Mineral resources.
OL1-002		The alignment will result in substantial earthworks and two crossings of the River Urie in addition to impacts upon the Battle of Barra battle site. For those reasons the overall rating is major for this alignment.		Route crosses the extensive floodplain of the River Urie (ch. 400m) and is not perpendicular to flow (major adverse). Route crosses the extensive floodplain of the River Urie at ch.2300m, perpendicular to flow, with potential for active morphology at this location (moderate adverse).		Two significant watercourse crossings of the River Urie.		Four properties are located within the alignment. West mains of Harlaw (north part of section), one property at Cairn Wynd and two properties at Brunwood Tap in Inverurie (South end of section). Prime and non prime agricultural land located along section.		There is noticeable potential decrease to level of the existing noise climate in Inverurie resulting from the introduction of new roads and rerouting of existing traffic. However, changes to the noise climate may take place upon communities with a relative high population count, which are located close to the new roads.		Alignment moved up to 1km from existing farmstead receptors, though the southern tie-in is in line with the current alignment within 200m of Inverurie and Highfield.		This alignment has a direct impact upon the Inventory Historic Battlefield of the Battle of Harlaw. The use of this alignment may also impact on the setting of Balquhain Castle (Scheduled Monument - 58490). As this alignment would form a new feature in the landscape, it is also possible that it could cause an impact on the setting of Category A Listed Pitcaple Castle (Listed Building - LB2830) which lies to the north.		At the southernmost point, which is located within Inverurie settlement boundary, this option passes immediately adjacent to an LDP allocated Opportunity Site for housing development.		Large stretches of prime agricultural land. Contaminated Land (railway). Mineral resources.
OL1-003		While there are short sections of cutting 5-15m at ch. 400 and ch. 650 which falls within the Moderate category according to the metrics, these sections of cutting are relatively short and the loss of woodland is limited. The overall rating is therefore minor for this alignment.		No crossings of extensive floodplain. Route crosses several minor watercourses (minor adverse).		Two minor watercourse crossings.		Ardrennan House Hotel and Edgell Hill Kids centre (Pre-school nursery and after school club with activities for disabled children) within alignment. Non prime agricultural land located along section.		There is noticeable potential decrease to level of the existing noise climate in Inverurie resulting from the introduction of new roads and rerouting of existing traffic. However, changes to the noise climate may take place upon communities with a relative high population count, which are located close to the new roads.		Alignment moved up to >200m from the southern areas of Port Ephinstone receptors, though the northern tie-in is in line with the current alignment within 200m of the northern areas of Port Ephinstone. Large residential planning applications in the Inverurie settlement area.		An impact on the setting of Thainstone House may result from road widening, if it causes the loss of trees which currently form the edge of the non-inventory GDL which is the setting for Thainstone House.		Route passes through the settlement Port Ephinstone and directly through a number of associated LDP Opportunity Sites for residential development. With regards to committed development an application for 737 Dwelling houses, Business and Industrial Development, Community Facilities including Primary School and Associated Infrastructure, which is currently under consideration (ref: APP/2013/0267).		Small area of prime agricultural land. Contaminated Land (worked ground in two locations). Large areas of mineral resources.