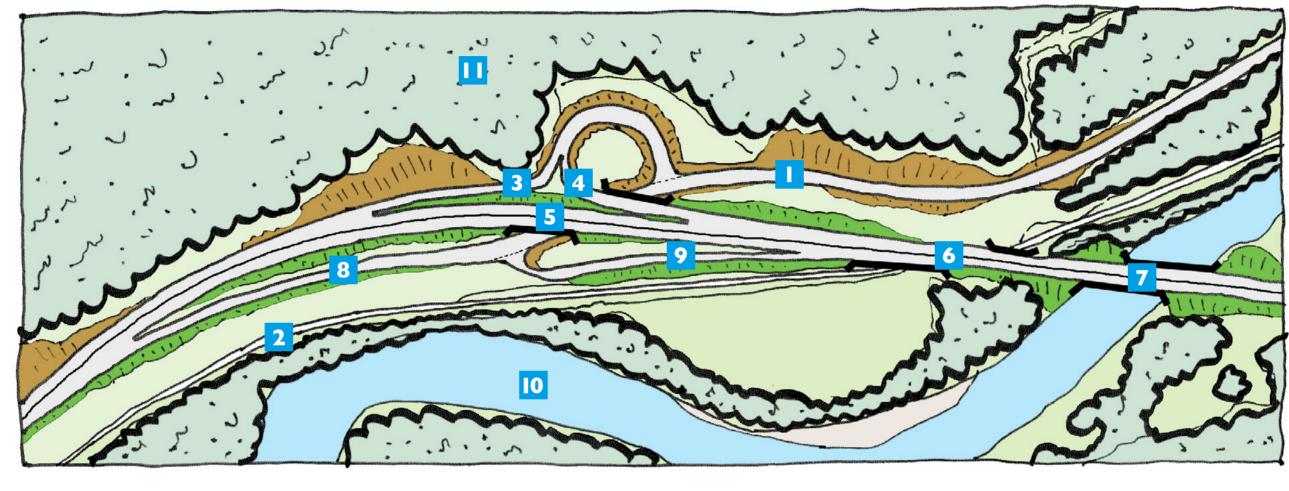
- Provides full access to and from the A9.
- Layout suitable for Category 7A dual carriageways.
- Maintains continuity of junction type throughout the A9.
- Land-take within Inver Wood, impacting habitat for natural species and Ancient Woodland, introducing landscape and visual impacts.
- Northbound slip roads located on existing plateau, reducing impacts on Inver Wood and Ancient Woodland.
- Encroachment towards the Highland Main Line railway.
- A9 generally at existing carriageway level.
- Street lighting not required.
- Provides journey time improvements due to 70mph speed limit.
- Improves access to the A9 for local road traffic.
- Unfamiliar junction layout between the southbound exit slip road and realigned B898.
- Impact on Inch Rail Tunnel, increasing construction complexity and cost.

# **Dalguise Junction Preliminary Option I**





**HIGHLAND MAIN** LINE RAILWAY



**RIVER TAY** UNDERBRIDGE



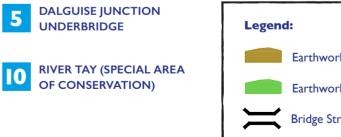
NORTHBOUND EXIT SLIP ROAD

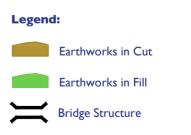




NORTHBOUND ENTRY SLIP ROAD









# **A9 Dualling** Programme

Pass of Birnam to Tay Crossing

**Dalguise Junction Preliminary Options** Drawing 1/6

#### Notes:

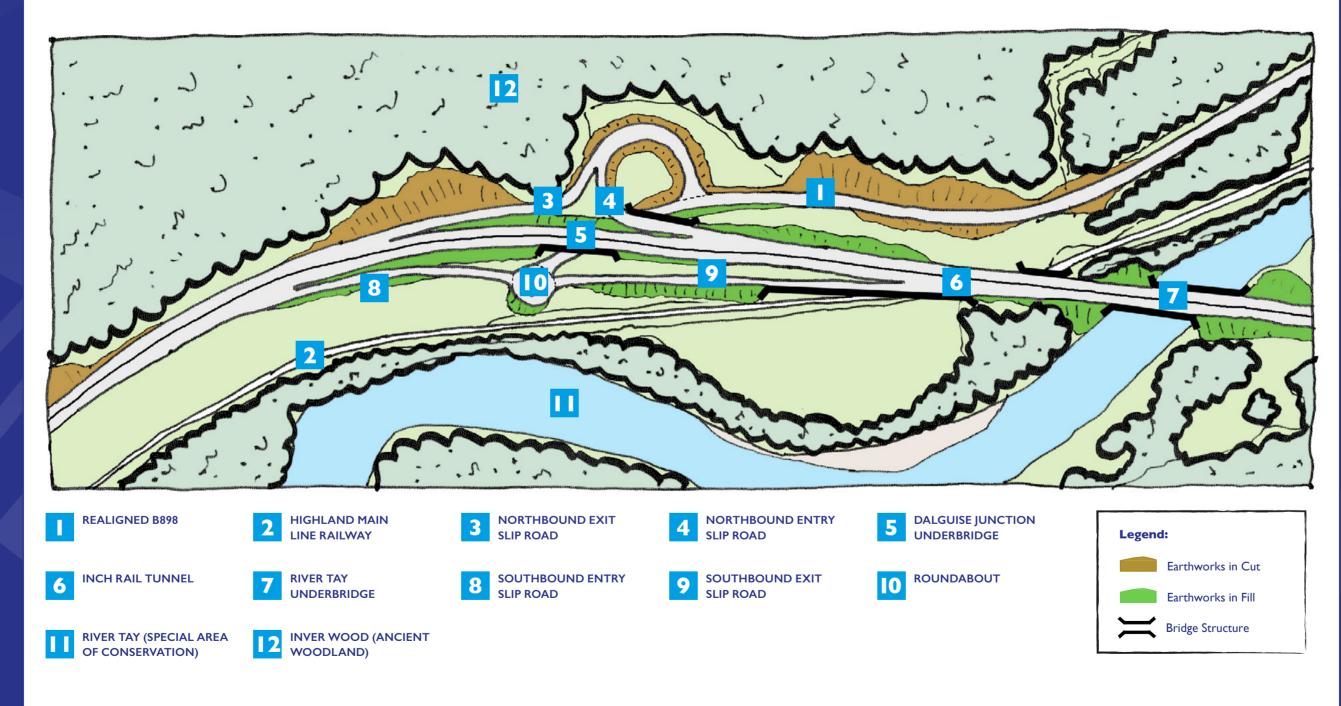
- Design shown is a preliminary design and will be subject to further assessment and refinement to ensure compliance with relevant design standards.
- Design shown is a grade-separated junction option considered by Transport Scotland / Jacobs as part of a sifting process carried out prior to the DMRB Stage 2 assessment process.
- Only main features are noted for this option. This list is not exhaustive and there may be more local impacts associated with this option.

**JACOBS**<sup>°</sup>



- Provides full access to and from the A9.
- Layout suitable for Category 7A dual carriageways.
- Maintains continuity of junction type throughout the A9.
- Land-take within Inver Wood, impacting habitat for natural species and Ancient Woodland, introducing landscape and visual impacts.
- Northbound slip roads located on existing plateau, reducing impacts on Inver Wood and Ancient Woodland.
- Encroachment towards the Highland Main Line railway.
- A9 generally at existing carriageway level.
- Street lighting at roundabout and approaches required, introducing visual impacts.
- Provides journey time improvements due to 70mph speed limit.
- Improves access to the A9 for local road traffic.
- Increased potential for low severity accidents.
- Impact on Inch Rail Tunnel, increasing construction complexity and cost.

# **Dalguise Junction Preliminary Option 2**





# A9 Dualling Programme

Pass of Birnam to Tay Crossing

Dalguise Junction Preliminary Options Drawing 2/6

#### Notes:

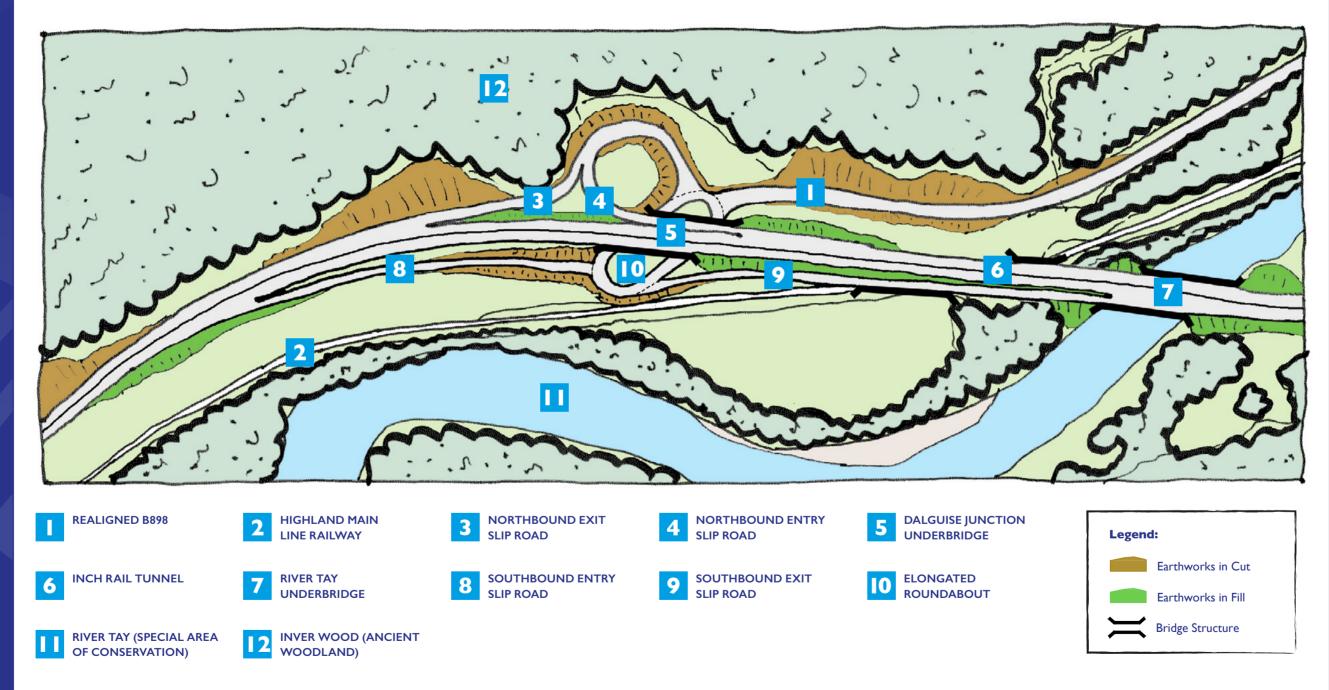
- Design shown is a preliminary design and will be subject to further assessment and refinement to ensure compliance with relevant design standards.
- Design shown is a grade-separated junction option considered by Transport Scotland / Jacobs as part of a sifting process carried out prior to the DMRB Stage 2 assessment process.
- 3. Only main features are noted for this option. This list is not exhaustive and there may be more local impacts associated with this option.



**JACOBS**<sup>°</sup>

- Provides full access to and from the A9.
- Layout suitable for Category 7A dual carriageways.
- Maintains continuity of junction type throughout the A9.
- Land-take within Inver Wood, impacting habitat for natural species and Ancient Woodland, introducing landscape and visual impacts.
- Northbound slip roads located on existing plateau, reducing impacts on Inver Wood and Ancient Woodland.
- Encroachment towards the Highland Main Line railway.
- A9 generally at existing carriageway level.
- Street lighting at roundabout and approaches required, introducing visual impacts.
- Provides journey time improvements due to 70mph speed limit.
- Improves access to the A9 for local road traffic.
- Increased potential for low severity accidents.
- Long span bridge required across the roundabout.
- Impact on Inch Rail Tunnel, increasing construction complexity and cost.
- Impact on River Tay (Special Area of Conservation) bridge, increasing construction complexity and cost.

# **Dalguise Junction Preliminary Option 3**





# A9 Dualling Programme

Pass of Birnam to Tay Crossing **Dalguise Junction** 

Preliminary Options Drawing 3/6

#### Notes:

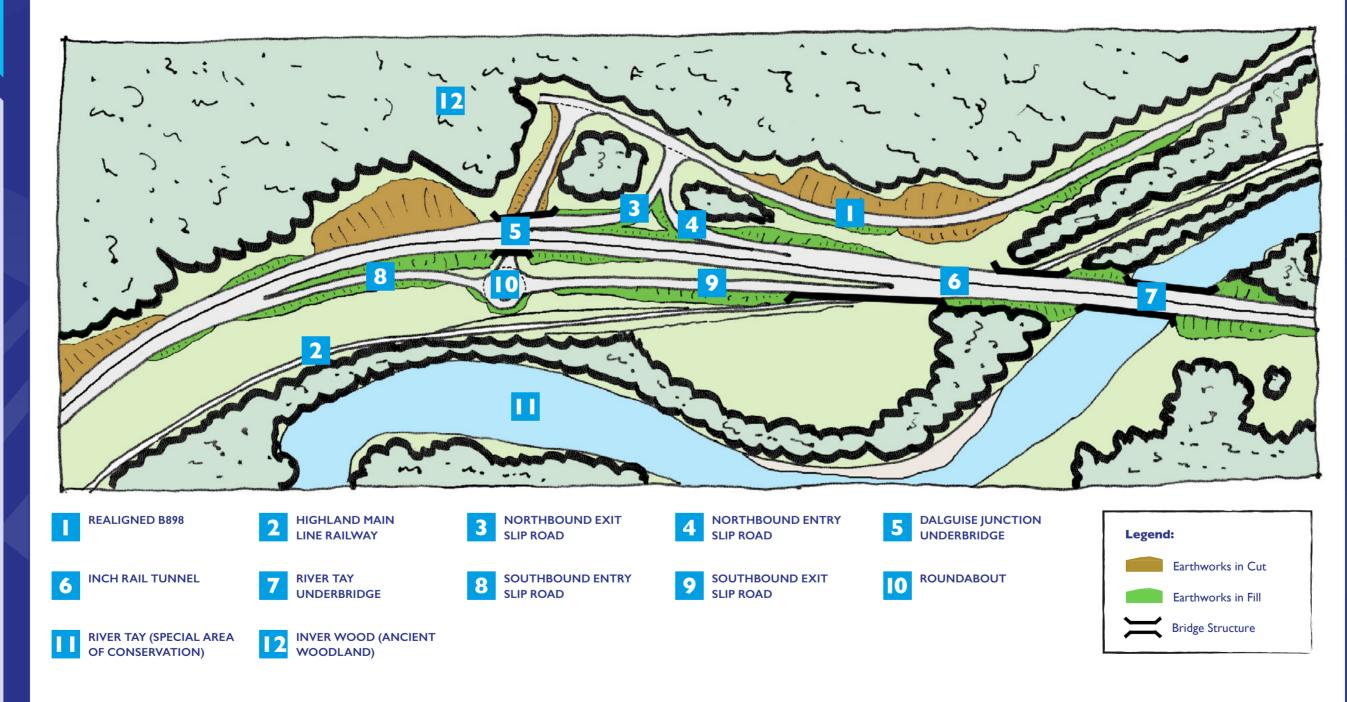
- Design shown is a preliminary design and will be subject to further assessment and refinement to ensure compliance with relevant design standards.
- Design shown is a grade-separated junction option considered by Transport Scotland / Jacobs as part of a sifting process carried out prior to the DMRB Stage 2 assessment process.
- Only main features are noted for this option. This list is not exhaustive and there may be more local impacts associated with this option.



**JACOBS**<sup>®</sup>

- Provides full access to and from the A9.
- Layout suitable for Category 7A dual carriageways.
- Maintains continuity of junction type throughout the A9.
- Poor quality side road connection with the B898.
- Land-take within Inver Wood, impacting habitat for natural species and Ancient Woodland, introducing landscape and visual impacts.
- Encroachment towards the Highland Main Line railway.
- A9 generally at existing carriageway level.
- Street lighting at roundabout and approaches required, introducing visual impacts.
- Provides journey time improvements due to 70mph speed limit.
- Improves access to the A9 for local road traffic.
- Increased potential for low severity accidents.
- Impact on Inch Rail Tunnel, increasing construction complexity and cost.
- Short length of slip roads may introduce a safety issue during peak traffic periods.

## **Dalguise Junction Preliminary Option 4**





# A9 Dualling Programme

Pass of Birnam to Tay Crossing Dalguise Junction

Preliminary Options Drawing 4/6

#### Notes:

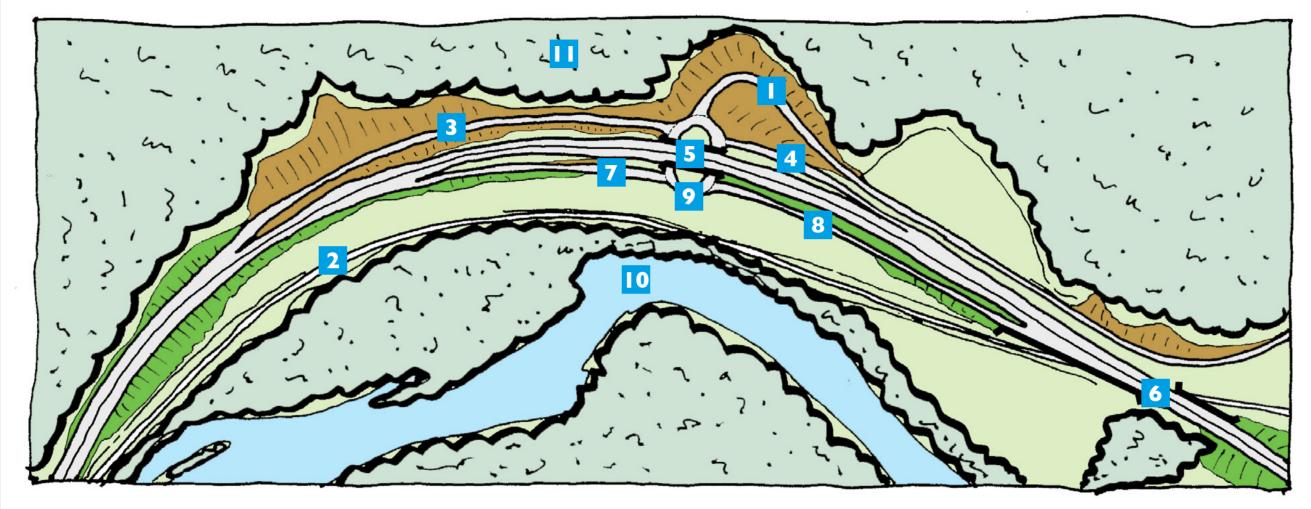
- Design shown is a preliminary design and will be subject to further assessment and refinement to ensure compliance with relevant design standards.
- Design shown is a grade-separated junction option considered by Transport Scotland / Jacobs as part of a sifting process carried out prior to the DMRB Stage 2 assessment process.
- 3. Only main features are noted for this option. This list is not exhaustive and there may be more local impacts associated with this option.



**JACOBS**<sup>®</sup>

- Provides full access to and from the A9.
- Layout suitable for Category 7A dual carriageways.
- Maintains continuity of junction type throughout the A9.
- Land-take within Inver Wood, impacting habitat for natural species and Ancient Woodland, introducing landscape and visual impacts.
- Encroachment towards the Highland Main Line railway.
- A9 generally at existing carriageway level.
- Street lighting at roundabout and approaches required, introducing visual impacts.
- Provides journey time improvements due to 70mph speed limit.
- Improves access to the A9 for local road traffic.
- Increased potential for low severity accidents.
- Long span bridge required across the roundabout.
- Impact on Inch Rail Tunnel, increasing construction complexity and cost.

# **Dalguise Junction Preliminary Option 5**





I INF RAILWAY

SLIP ROAD

HIGHLAND MAIN

SOUTHBOUND ENTRY



8 SOUTHBOUND EXIT

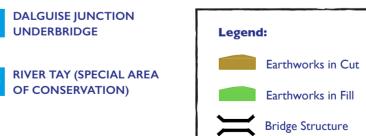


5

9 ELONGATED ROUNDABOUT



INVER WOOD (ANCIENT





# **A9 Dualling** Programme

Pass of Birnam to Tay Crossing

**Dalguise Junction Preliminary Options** Drawing 5/6

#### Notes:

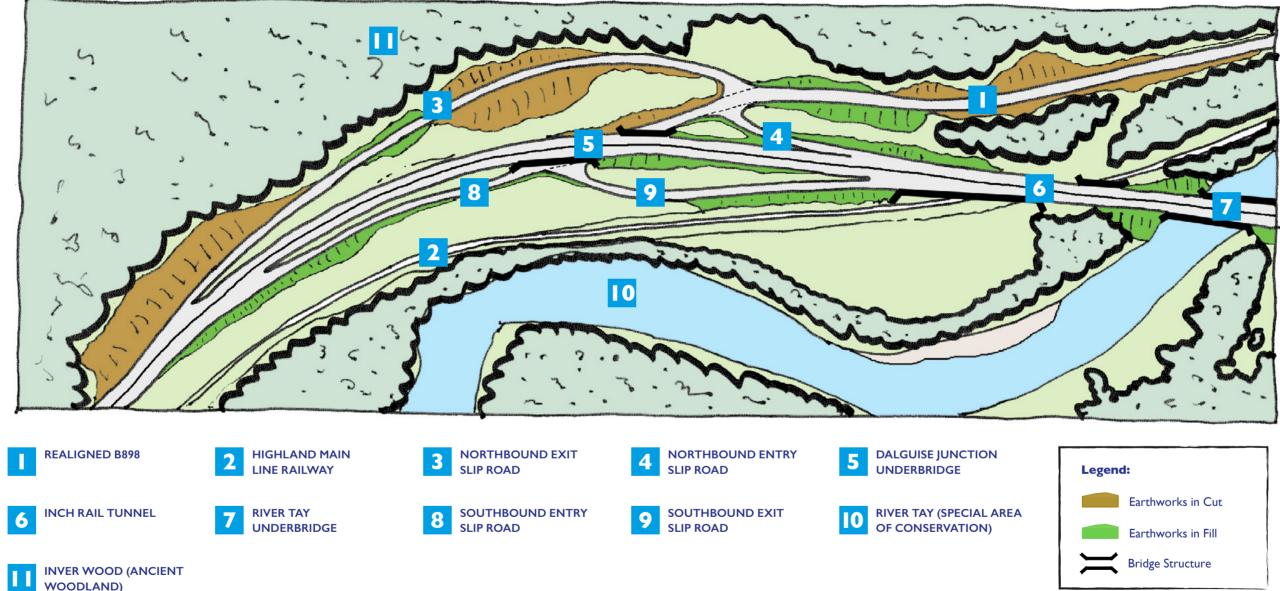
- Design shown is a preliminary design and will be subject to further assessment and refinement to ensure compliance with relevant design standards.
- Design shown is a grade-separated junction option considered by Transport Scotland / Jacobs as part of a sifting process carried out prior to the DMRB Stage 2 assessment process.
- Only main features are noted for this option. This list is not exhaustive and there may be more local impacts associated with this option.



**JACOBS**<sup>°</sup>

- Provides full access to and from the A9.
- Layout suitable for Category 7A dual carriageways.
- Maintains continuity of junction type throughout the A9.
- Land-take within Inver Wood, impacting habitat for natural species and Ancient Woodland, introducing landscape and visual impacts.
- Encroachment towards the Highland Main Line railway.
- A9 generally at existing carriageway level.
- Street lighting not required.
- Provides journey time improvements due to 70mph speed limit.
- Improves access to the A9 for local road traffic.
- Unfamiliar junction layout between the southbound exit slip road and realigned B898.
- Impact on Inch Rail Tunnel, increasing construction complexity and cost.

## **Dalguise Junction Preliminary Option 6**





# **A9 Dualling** Programme

Pass of Birnam to Tay Crossing

**Dalguise Junction Preliminary Options** Drawing 6/6

#### Notes:

- Design shown is a preliminary design and will be subject to further assessment and refinement to ensure compliance with relevant design standards.
- Design shown is a grade-separated junction option considered by Transport Scotland / Jacobs as part of a sifting process carried out prior to the DMRB Stage 2 assessment process.
- Only main features are noted for this option. This list is not exhaustive and there may be more local impacts associated with this option.



