Stone Maintenance Base Cross Sections

For location of Section refer to Drawing No. C861-ARP-EV-DSK-000-006115
Aldersey's Rough Maintenance Base Alternative Cross Section
For location of Section refer to Drawing No. C861-ARP-PT-DSK-000-000002
Loss of 5-6 waterbodies across this option.

Loss of ~500m of native species rich hedgerow across this option.

Loss of Poolhouse Wood Site of Biological Importance

Loss of approximately 1.4ha of semi-improved grassland of Filly Brook Local Wildlife Site

Community Area 3: Stone and Swynnerton

Key environment impacts at Stone Maintenance Base.

Based on the SES and AP ES March 2018 design


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Doc Number: C861-ARP-EV-DRP-05002-024-4

Date: 19/04/18

P46 (2) HOC/10008/0032
Stone Maintenance Base - Proposed Mitigation (AP March 2018)

Legend

- **Route in tunnel**
- **Route on surface**
- **Depot, station, headhouse or portal building**
- **Land potentially required during construction**
- **Community area boundary**
- **County boundary**
- **Extent of habitat creation calculation**

**Ecological Mitigation Ponds**

Pond and associated planting to be created for loss of ponds / Great Crested Newt habitat affected by the Proposed Scheme.

**Grassland Habitat Creation**

Creation of new grassland habitat to provide Great Crested Newt terrestrial habitat.

**Woodland Habitat Creation**

To mitigate the loss of Pool House Wood Local Wildlife Site and for habitat connectivity.

**Wetland Habitat Creation**

To mitigate impact at High Meadows Local Wildlife Site.

**Landscape Mitigation Planting**

For visual screening to Yarnfield and landscape integration.

**Ecological Mitigation Ponds**

For surrounding public right of way and residential receptors at Stone. Also to mitigate loss of Fox Covert.

**Grassland Habitat Creation**

To replace lost habitat and for habitat connectivity.


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Doc Number: C861-ARP-EV-DPL-WS10-00003-P02.A

Scale at A3: 1:10,000
Loss of non-ancient broadleaved woodlands along the Stoke to Market Drayton railway line. A valuable green corridor.

Loss of 5-6 waterbodies across this option.

Loss of Hey Sprink ancient woodland.

Loss of 5-6 waterbodies across this option.

Additional loss of Whitmore Wood Local Wildlife Site and ancient woodland.

Additional loss of Whitmore Wood Local Wildlife Site and ancient woodland.

Loss of Hey Sprink ancient woodland.

Loss of grassland priority habitat (floodplain grazing marsh).

Small additional loss of:
- Hey Sprink Local Wildlife Site and ancient woodland
- South of Hey Sprink ancient woodland.

Loss of Aldersey's Rough Maintenance Base Alternative - Key Environmental Impacts (1 of 2)
Aldersey's Rough Maintenance Base Alternative - Key Environmental Impacts (2 of 2)

Legend
- Route in bored tunnel
- Route on surface
- Proposed alternative deposit
- Land required
- Land potentially required during construction
- Community area boundary
- District/Borough boundary
- County boundary
- Watercourse
- Water body
- Local Wildlife Site
- Biodiversity Alert Site (BAS)
- Ancient woodland
- Railway Track And

Map Name: Aldersey's Rough Maintenance Base Alternative - Key Environmental Impacts (2 of 2)

N.B. Due to the overlapping nature of some ecological designations, and the range of different site designations that occur across the route, individual designations may, on occasion, be obscured. In all cases where an area of land is covered by more than one ecological designation, as a minimum, the ecological designation of highest value is visible.

Community Area 4: Whitchmore Heath to Madeley

Doc Number: C061-ARP-EVL-WS06-00002-P02-A

Scale at A3: 1:10,000

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Legend
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- Community area boundary
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- Water body
- Local Wildlife Site
- Biodiversity Alert Site (BAS)
- Ancient woodland

Map Name: Aldersey's Rough Maintenance Base Alternative - Key Environmental Impacts (2 of 2)

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Aldersey's Rough Maintenance Base Alternative - Illustrative Plan of Proposed Mitigation