

will also be affected by a temporary loss of land during construction, these impacts are assessed as not significant at a community level.

- 5.4.21 The occupiers of a group of approximately 21 residential properties on Hodgett's Lane are likely to be affected by a combination of significant noise and visual effects during construction of the Burton Green green tunnel and the works to build the Burton Green auto-transformer feeder station on the north-western edge of the village. Eleven of these dwellings, located immediately adjacent to the Proposed Scheme, will also experience vibration effects for 8 months. These works are likely to last for up to two years and the combination of effects on the amenity of residents is assessed as giving rise to a major adverse effect which is significant. The properties that are likely to be affected are: Nos. 3 – 23 (odd numbers) which are located immediately adjacent to the boundary of the tunnel works; and Nos. 22-46 (even numbers) which are located on the north side of Hodgett's Lane.
- 5.4.22 During the construction period, many of Burton Green's residents will be affected by works to demolish and reinstate the bridge at Cromwell Lane. It is anticipated that these works will be phased in such a way as to enable part of the tunnel roof structure to be constructed ahead of the existing road bridge structure being dismantled. These works will act as a substantial visual barrier through the centre of the village and will lead to disruption to journeys, including journeys made on foot, through the centre of the village. Significant pedestrian severance has also been identified along Hob Lane/Cromwell Lane due to significant increases in HGV traffic. This would affect journeys to access the Burton Green Church of England Primary School on the south side of the construction works and Two Oaks Day Nursery and Hedgerow Day Nursery on either side of the Proposed Scheme at Cromwell Lane and Red Lane. It will also affect journeys made by residents of the village visiting others located on the opposite side of the construction works. The disruption at Cromwell Lane, which is anticipated to last for about six months, is assessed as giving rise to a major adverse isolation effect on the community of Burton Green, which is significant. However, access to the village itself will not be significantly affected.
- 5.4.23 A further five residential properties at two locations on Hob Lane to the south-west and west of the village will be within the boundary of land which may be required temporarily for works to existing utilities in the area. In these cases, the effects are assessed as not significant at a community level. The properties at Hob Lane that will be affected are: Moat Farm, Moat Lodge and Oakwood, Hob Farm and Beanit Farm.

Community facilities

- 5.4.24 As concluded above, some of the pupils of Burton Green Church of England Primary School who reside in the village will be subject to major adverse isolation effects. For the remaining 64% of pupils who travel from further afield, no significant effects on road traffic have been reported by the traffic and transport assessment, and therefore no significant isolation effects have been identified.
- 5.4.25 The Two Oaks Day Nursery is situated immediately adjacent to the boundary of land required for the construction and operation of the Proposed Scheme. Given its proximity to the works, the Nursery will also be affected by a combination of significant visual and noise effects during the construction period, which could last for a period of about 2 months. The Two Oaks Day Nursery operates on a daily basis