Transportation Planning : Infrastructure Design

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WB/18485
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Mrs C Walker
2 Churnet View
Farley Road
Oakamoor
Staffs
ST10 3BB

Dear Mrs Walker,

Land at Caverswall Old Road, Forsbrook, Staffordshire.

Highways Appraisal

I refer to the above site and as requested I have inspected the site and the surrounding local highway network.

The local roads adjacent to the site are relatively narrow and do not benefit from footways. Forward visibility is in places also somewhat limited. As a consequence vehicle speeds were found to be reasonably slow.

There was a particular concern regarding the junction of Caverswall Road with Caverswall Old Road where the carriageway width was restricted to such a degree that simultaneous turning movements could not be made.

The site frontage onto Caverswall Road is limited however the frontage onto Caverswall Old Road is very good. There is an existing access onto Caverswall Old Road which is located around 40m from the junction with Caverswall Road. Unfortunately this access is not suitable to accommodate even a small development due to the lack of width on Caverswall Old Road and limited visibility.

The proposed layout illustrated on plan no 2018-2365-02 would accommodate 14 dwellings together with associated access roads and car parking and a turning head. The proposed scheme is small scale and therefore the potential impacts would be small and on that basis there is no requirement to provide any formal assessment of the anticipated transport impacts associated with the proposals.

However to assist the Council the anticipated traffic generation from the scheme would be around 10 vph at peak times (total two way) and equates to only 1 additional vehicle every 6 minutes on average during the peak hours on the local highway network. The access would be located to allow two way movements across the bellmouth on Caverswall Old Road and would provide suitable and safe levels of visibility. It is considered that the proposed site access would operate in a safe manner.

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As the site has highway frontage onto the junction of Caverswall Road and Caverswall Old Road it is possible to provide a small improvement to the junction, if considered essential by the Highway Authority that would allow easier turning movements at the junction without introducing additional traffic capacity. The potential scheme is illustrated on the plan and there is potential to widen a small section of Caverswall Road between Caverswall Old Road and Field View and to improve the junction radii. A short section of Caverswall Old Road would also be widened within the site. The potential junction improvement would provide a material highway safety benefit.

In conclusion it is considered that the limited development proposal can be safely accommodated onto the local highway network and that the potential junction improvement would represent a material safety improvement.

I trust the above is clear but should you require any further information please contact me.

Yours sincerely

Bill Booker
Director
On behalf of SCP
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