



## HMP Garth and HMP Wymott, Moss Lane, Ulmes Walton, Leyland

### Application 21/01028/OUTMAJ

#### **Congestion Reference Flow (CRF) Assessment – Stephen Yeates**

##### **Context**

Mr Riley referred to Section 2.4 within my Transport Rebuttal which outlines the assessment undertaken using DMRB TA 79/99 'Traffic Capacity of Urban Roads'.

Mr Riley stated that he did not agree with the application of DMRB TA 79/99 in relation to Ulmes Walton Lane and stated that the application of TA 46/97 'Traffic Flow Ranges for use in the Assessment of New Rural Roads' would be more appropriate. For ease of reference I attach a copy of TA 46/97. I acknowledge that both TA 79/99 and TA 46/97 are withdrawn documents, but to the best of my knowledge there is no alternative or replacement guidance.

TA 46/97 outlines the approach to calculating the Congestion Reference Flow (CRF). The CRF is an estimate of the total Annual Average Daily Traffic (AADT) flow at which the carriageway is likely to be 'congested' in the peak periods.

I have undertaken an assessment of the CRF (in line with TA 46/97) along Ulmes Walton Lane (to the north of Moss Lane).

##### **CRF Assessment**

The assessment indicates that the CRF along Ulmes Walton Lane is approximately 14,789 vehicles per day.

The '2025 with Development' AADT along Ulmes Walton Lane (to the north of Moss Lane) is 4,877 vehicles.

Therefore, in accordance with TA 46/97 there is sufficient highway capacity along Ulmes Walton Lane to accommodate Garth Wymott 2.

**Stephen Yeates**

13/07/22