

3. For existing roads, an empirical relationship has been derived which provides estimates of VISI given in bendiness and verge width (applicable up to VISI = 720m) i.e.

$$\text{Log}_{10} \text{VISI} = 2.46 + \text{VW}/25 - \text{B}/400$$

where:

|    |   |                                                           |
|----|---|-----------------------------------------------------------|
| VW | = | Average verge width (averaged for both sides of the road) |
|----|---|-----------------------------------------------------------|

|   |   |                                                          |
|---|---|----------------------------------------------------------|
| B | = | Bendiness (Degree per km - minimum Length of about 2 km) |
|---|---|----------------------------------------------------------|

Single Carriageways:

$$Ac = 12 - VISI/60 + 2B/45$$

where:

B = Bendiness Degrees/km

VISI = Harmonic Mean Visibility m  
(see Annex A).

[illegible]