**Speed Zone Warrant Analysis – Roadway Characteristics**

***(also see Figures 1298-3, 1298-4 and 1298-5)***

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| **Alphabetic Value** | **Description** |
| **A1** | Relatively straight, level road that generally provides adequate horizontal and vertical sight distance but may have a random curve and/or hillcrest that affect travel speeds in only a short section of the study area. Basically, free of roadside obstructions and features that limit lateral sight distance. |
| **A2** | Relatively straight, level road that generally provides adequate horizontal and vertical sight distance but may have a random curve and/or hillcrest that affect travel speeds in only a short section of the study area. Occasional roadside obstructions and features limit lateral sight distance. |
| **A3** | Relatively straight, level road that generally provides adequate horizontal and vertical sight distance but may have a random curve and/or hillcrest that affect travel speeds in only a short section of the study area. Frequent roadside obstructions and features limit lateral sight distances through most of the study area. |
| **B1** | Gentle curves and/or straightaways with level to moderate grades, interspersed with sharp curves and/or hillcrests that affect travel speeds and limit horizontal and/or vertical sight distance in much of the study area. Basically, free of roadside obstructions and features that limit lateral sight distance. |
| **B2** | Gentle curves and/or straightaways with level to moderate grades, interspersed with sharp curves and/or hillcrests that affect travel speeds and limit horizontal and/or vertical sight distance in the majority of the study area. Occasional roadside obstructions and features limit lateral sight distance. |
| **B3** | Gentle curves and/or straightaways with level to moderate grades, interspersed with sharp curves and/or hillcrests that affect travel speeds and limit horizontal and/or vertical sight distance in the majority of the study area. Frequent roadside obstructions and features limit lateral sight distance through most of the study area. |
| **C** | Constant, tightly spaced, sharp curves and/or hillcrests that affect travel speeds and/or severely restrict horizontal and/or vertical sight distance in nearly all of the study area. The sharp alignment dictates travel speeds to such an extent that roadside obstructions and features limiting lateral sight distance need not be a factor. |
| **DIV** | Four-lane divided highway as defined in ORC 4511.35. |

**Note:** As an aid in selecting the most appropriate Road Characteristics, it is suggested that the alignment first be identified as most resembling the first sentence of “A,” “B” or “C” in the above descriptions. If the alignment is determined to be an “A” or a “B,” it should then be determined which description of the amount and proximity of roadside obstructions (1, 2 or 3) most closely resembles the conditions along the road being studied. If the alignment is determined to be “C,” a description of roadside obstructions is not required.