



**NOTES:**

1. The minimum sight distance is:

| Design speed of intersecting road (km/h) | Minimum sight distance (m) |
|------------------------------------------|----------------------------|
| 130                                      | 375                        |
| 120                                      | 360                        |
| 110                                      | 345                        |
| 100                                      | 310                        |
| 90                                       | 275                        |
| 80                                       | 240                        |
| 70                                       | 200                        |
| 60                                       | 170                        |

2. Height of eye – 1.05 metres above the road surface.
3. Sight distance to be measured to the road surface (edge of shoulder) of the through highway.
4. The design speed to be used for the intersecting road will be:
  - a. Highways, industrial access roads, access to urban areas, picnic and campsites – use design speeds.
  - b. Grid roads – 80 km/h
  - c. Other municipal roads – 70 km/h
  - d. Minimum design speed to be used – 60 km/h
5. For additional information please refer to SKS 2.3.3-D.



# VERTICAL SIGHT DISTANCE ON THE INTERSECTING (MINOR) ROAD AT INTERSECTIONS

|                |  |                                                  |      |               |                     |        |
|----------------|--|--------------------------------------------------|------|---------------|---------------------|--------|
| RECOMMENDED BY |  | DIRECTOR<br>DESIGN & TRAFFIC ENG                 | DATE | 2016-03-30    | STANDARD<br>PLAN NO | 20636  |
| APPROVED BY    |  | EXECUTIVE DIRECTOR<br>TECHNICAL STANDARDS BRANCH | DATE | April 8, 2016 | SHEET               | 1 OF 1 |