



| CONTROLLED INTERSECTION | |
|-------------------------|----------------------|
| DESIGN SPEED (DS) (MPH) | SIGHT DISTANCE (FT.) |
| 25 | 250 |
| 30 | 300 |
| 35 | 350 |
| 40 | 400 |
| 45 | 450 |
| 50 | 500 |

DS= DESIGN SPEED ON THE THROUGH HIGHWAY

NOTES:

1. FOR CONTROLLED INTERSECTIONS, STREETS SHALL HAVE MINIMUM CORNER SIGHT DISTANCES, AS MEASURED FROM A HEIGHT OF 3.5 FEET ABOVE THE CONTROLLED STREET, PER VMC 11.80.140.
2. PUBLIC, PRIVATE STREET INTERSECTIONS AND COMMERCIAL DRIVEWAYS ON ARTERIAL STREETS SHALL HAVE AN UNOBSTRUCTED SIGHT DISTANCE TRIANGLE MEASURED IN THE SAME FASHION AS CONTROLLED INTERSECTIONS.
3. IF THE STREETS ARE NOT LEVEL, FOLLOW WSDOT DESIGN MANUAL TO CONSIDER GRADE.
4. "DESIGN SPEED" SHALL BE THE POSTED SPEED OR THE 85% PERCENTILE OF THE PREVAILING SPEED WHICHEVER IS HIGHER.
5. FOR UNCONTROLLED INTERSECTIONS USE THE LATEST AASHTO MANUAL REQUIREMENTS FOR SIGHT DISTANCE.

I:\CITYAPPS\AUTOCAD\STD_DETAILS\DRAWING_FILES\T04-03.DWG



SIGHT DISTANCE REQUIREMENTS FOR CONTROLLED INTERSECTIONS ONLY

CITY OF VANCOUVER
DEPARTMENT OF PUBLIC WORKS
TRANSPORTATION DIVISION

| | | |
|----------|---------------|---------------|
| DRAWN BY | APPROVED BY | APPROVAL DATE |
| CDC | <i>M.H.H.</i> | 8/04 |
| REVISION | APPROVED BY | APPROVAL DATE |
| 7 | <i>M.H.H.</i> | 3/24 |

STD. PLAN NO.
T04-03