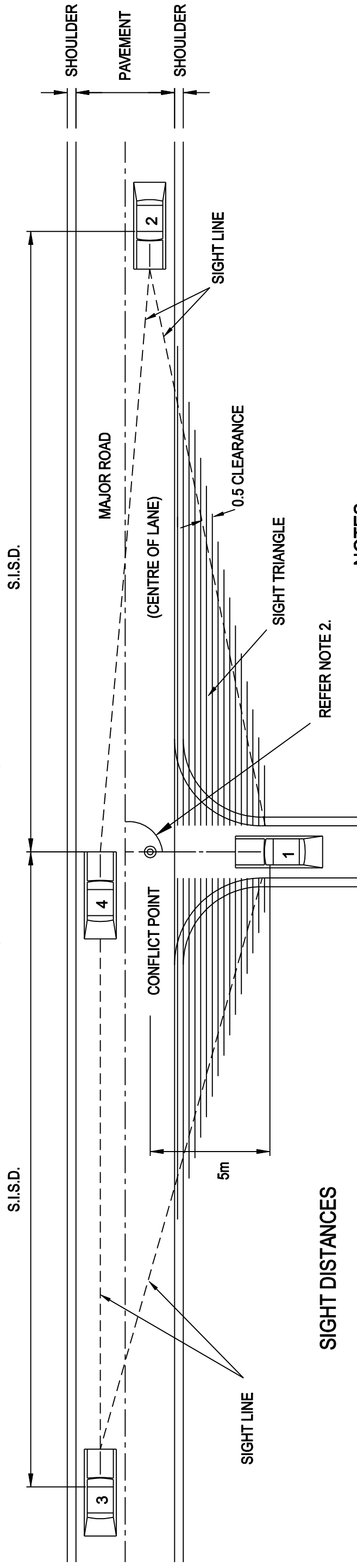


SIGHT DISTANCES (2 LANE ROAD ONLY)



SIGHT DISTANCES

DESIGN SPEED (km/h)	S.I.S.D. (m)	
	RURAL R _T 2.0secs	URBAN R _T 1.5secs
40	70	60
50	90	80
60	115	105
70	140	130
80	175	165
90	210	
100	250	

PLAN

NOTES:

- FOR MAXIMUM ACCESS SLOPES REFER SD-1003 AND SD-1012.
- THE ANGLE OF INTERSECTION SHOULD BE BETWEEN 70° AND 90° TO THE MAJOR ROAD.

SIGHT LINE REQUIREMENTS.

ALL SIGHT LINES (DRIVER TO OBJECT VEHICLE) ARE TO BE BETWEEN POINTS 1.2m ABOVE THE ROAD AND ACCESS SURFACE AT THE RESPECTIVE VEHICLE POSITIONS WITH A CLEARANCE TO ANY SIGHT OBSTRUCTION OF 0.5m TO THE SIDE AND BELOW, AND 2.0m ABOVE ALL SIGHT LINES.

THE SIGHT LINE REQUIREMENTS ARE TO BE MAINTAINED OVER THE FULL SIGHT TRIANGLES FOR VEHICLES AT ANY POINT BETWEEN POSITIONS 1, 2 AND 3 AND THE ACCESS JUNCTION.

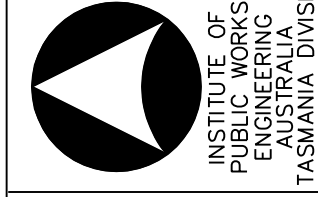
DESIGN SPEED = A SPEED FIXED FOR THE DESIGN AND CORRELATION OF THOSE GEOMETRIC FEATURES OF A CARRIAGEWAY THAT INFLUENCE VEHICLE OPERATION. DESIGN SPEED SHOULD NOT BE LESS THAN THE SPEED AT OR BELOW WHICH 85% OF VEHICLES TRAVEL. (85th PERCENTILE)

S.I.S.D. = SAFE INTERSECTION SIGHT DISTANCE.

DISTANCE REQUIRED BY A DRIVER ON A MAJOR ROAD TO OBSERVE A VEHICLE MOVING FROM A MINOR ROAD INTO A COLLISION SITUATION AND TO DECELERATE AND STOP BEFORE REACHING THE CONFLICT POINT.

R_T = DRIVERS REACTION TIME

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Drawing Title MUNICIPAL STANDARD DRAWING

ACCESS SIGHT DISTANCE REQUIREMENTS

Scale NOT TO SCALE

Issue Date NOV. 1997

Approved

Drawing No.

SD-1030

E
D
C
B
A
No.

REVIEW OF STANDARD DRAWING SET

Amendment

Appr.

01/03

Date