APPENDIX A:
CUPERTINO STANDARD DETAIL 7-2
CORNER TRIANGLE - CONTROLLED INTERSECTIONS

CORNER SIGHT DISTANCE

DESIGN 85th PERCENTILE SPEED	SD
25	275
30	330
35	385
40	440
45	495
50	550

FORMULA

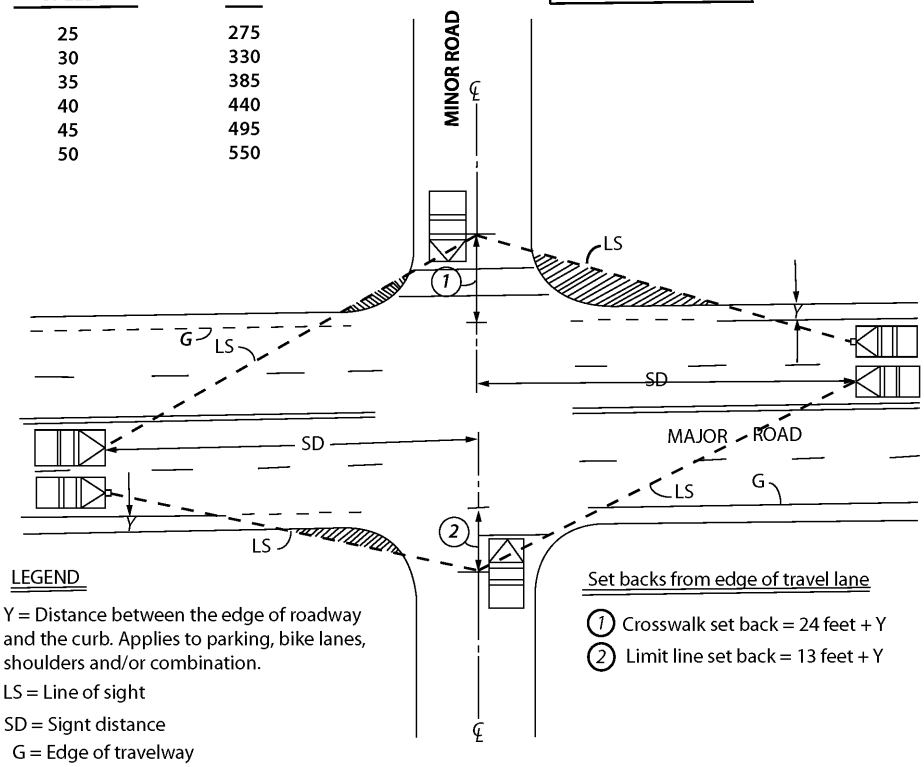
SD = Design speed X 1.467 X 7.5

Sight Distance

Seconds Criteria

Factor

85th percentile speed



LEGEND

Y = Distance between the edge of roadway and the curb. Applies to parking, bike lanes, shoulders and/or combination.

LS = Line of sight

SD = Signt distance

G = Edge of travelway

Set backs from edge of travel lane

1 Crosswalk set back = 24 feet + Y

2 Limit line set back = 13 feet + Y