

3.6. Horizontal Curves

3.6.1. For central angles less than 30 minutes, no curve is required.

3.6.2. Compound curves should be avoided. If designed, the shorter radius shall be at least 2/3 the longer radius.

3.6.3. A minimum 100' tangent length is required between curves.

3.7. At street intersections where either street grade exceeds 5%, the intersection and a 25' long landing area beyond the curb returns shall have a 3% maximum grade. The cross walk area shall have a maximum 2% cross fall per ADA requirements.

3.8. Minimum street flowline slope shall be 0.6%. A minimum flowline slope of 1% shall be provided around curb returns and cul-de-sac bulbs, except for 30' each side of the grade break at the top of the cul-de-sac bulb where the flowline slope shall be 0.6%.

3.9. The centerline angle at intersections is preferred to be 90 degrees, but may vary from 72 to 108 degrees.

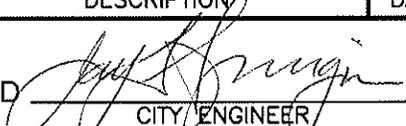
3.10. Developer shall submit roadway plan and profile sight distance plans prepared by a registered civil or traffic engineer demonstrating compliance with all SSD and corner sight distance requirements at the locations determined by the City Traffic Engineer. Submittal shall take into consideration on-site grading, final slopes, street furniture structures, walls, fences and mature landscaping. Maximum anticipated operating vehicle speed shall be used if greater than road design speed to determine minimum sight distances. Sight distance easements and/or deed restrictions may be required.

4. ASPHALT SURFACING

4.1. All AC surfacing 3" or greater in thickness shall be constructed in two courses, one base course and one surface course. The surface course shall be a minimum thickness of 1" and a maximum of 1-1/2". Core-drilled samples of the finished AC section shall be provided by the Developer's Engineer as directed by the Public Works Inspector.

4.2. AC pavement base course shall be Type III-B2-PG 64-10 and surface course shall be Type III-C2-PG 64-10, per SSPWC 400-4. For private parking lots, AC pavement for surface course may be Type III-C3-PG 64-10 or Type III-D-PG 64-10.

4.3. AC pavement structural section thickness shall be 3" minimum AC over 6" minimum AB per TOMC 9-4.2405(a)(1). Thicker structural sections shall be constructed as determined by the Soils Engineer, based on in-situ subgrade R-value and the specified traffic index. Alternative equivalent sections may be approved by the City Engineer.

				CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT	
5	Revise AC Pavement Type	10-22-08	MAY		
CHG	DESCRIPTION	DATE	INITIAL		
APPROVED  CITY ENGINEER				STANDARD DESIGN AND CONSTRUCTION CRITERIA	PLATE NO. <b>1-5</b>
			10/23/08 DATE		