

## ADVISORY CURVE SPEED STUDY

LOCATION 1)	2)	3)	4)
COUNTY	CONTROL SECTION		
POSTED SPEED (mph)	PAVEMENT CONDITION		
DATE	OBSERVERS		

REMARKS

DIRECTION OF TRAVEL	CURVE MILEPOINT		DRIVEN SPEED ON CURVE	DEGREE OF DEFLECTION	RECOMMENDED ADVISORY SPEED
	BEGIN	END			
1)					
2)					
3)					
4)					

The ball indicator is used to measure the overturning force (side friction), measured in degrees, on a vehicle negotiating a horizontal curve. Beginning well in advance of the curve being checked, the driver should enter the curve at a pre-determined speed, drive the car parallel with the centerline, and maintain that uniform speed throughout the curve. The curve should be driven at least three times until at least two identical ball bank readings (degrees) for each direction of travel.

The Maximum negotiable advisory speed for the curve is the speed at which the ball bank indicators reading is 10 degrees or less for 35 mph or greater. A recommended advisory speed should be to the nearest 5 mph or less than the maximum negotiable advisory speed determined separately for each direction of travel.

An advisory speed plaque should be used in conjunction with curve and turn signs when the safe operating speed is below posted or prevailing speed on the roadway.