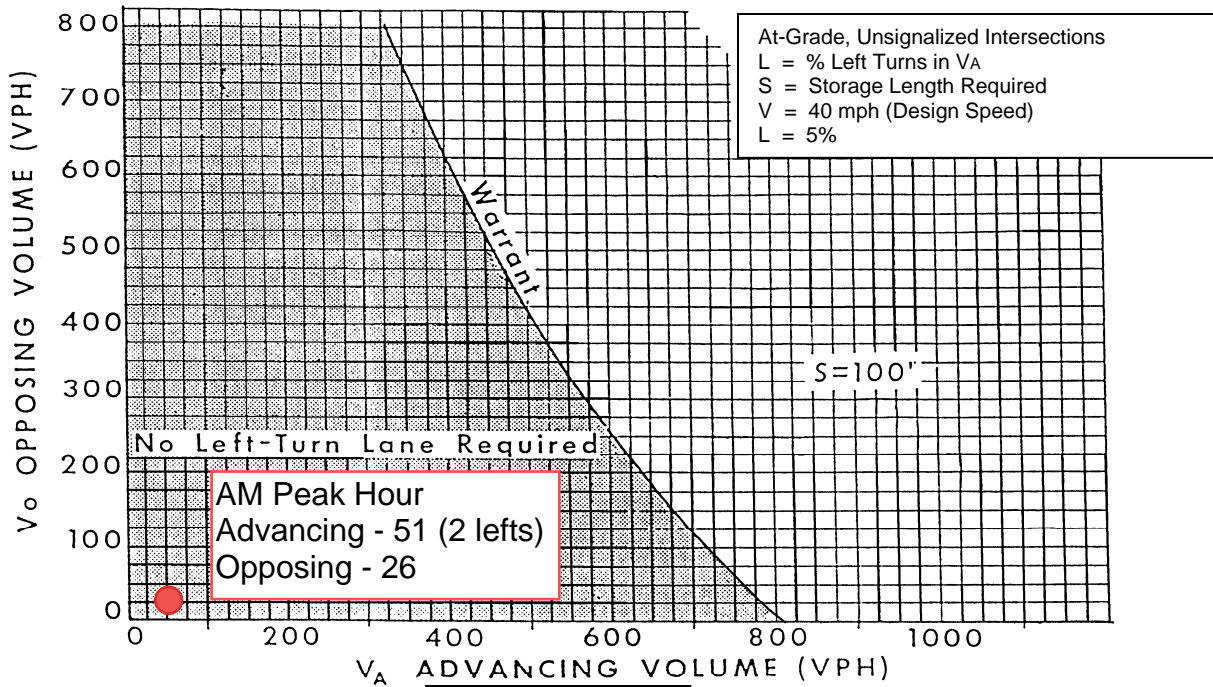


**APPENDIX C**

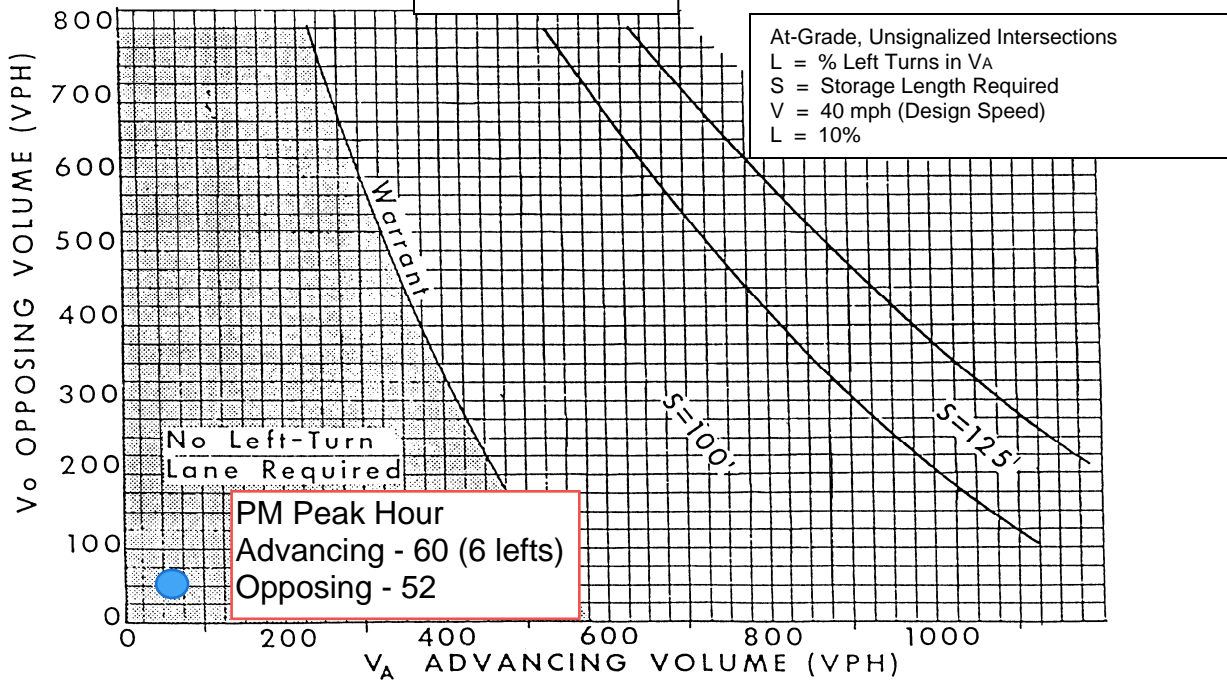
**Access Management  
Design Standards  
for  
Entrances and  
Intersections**

**12.28.2007**

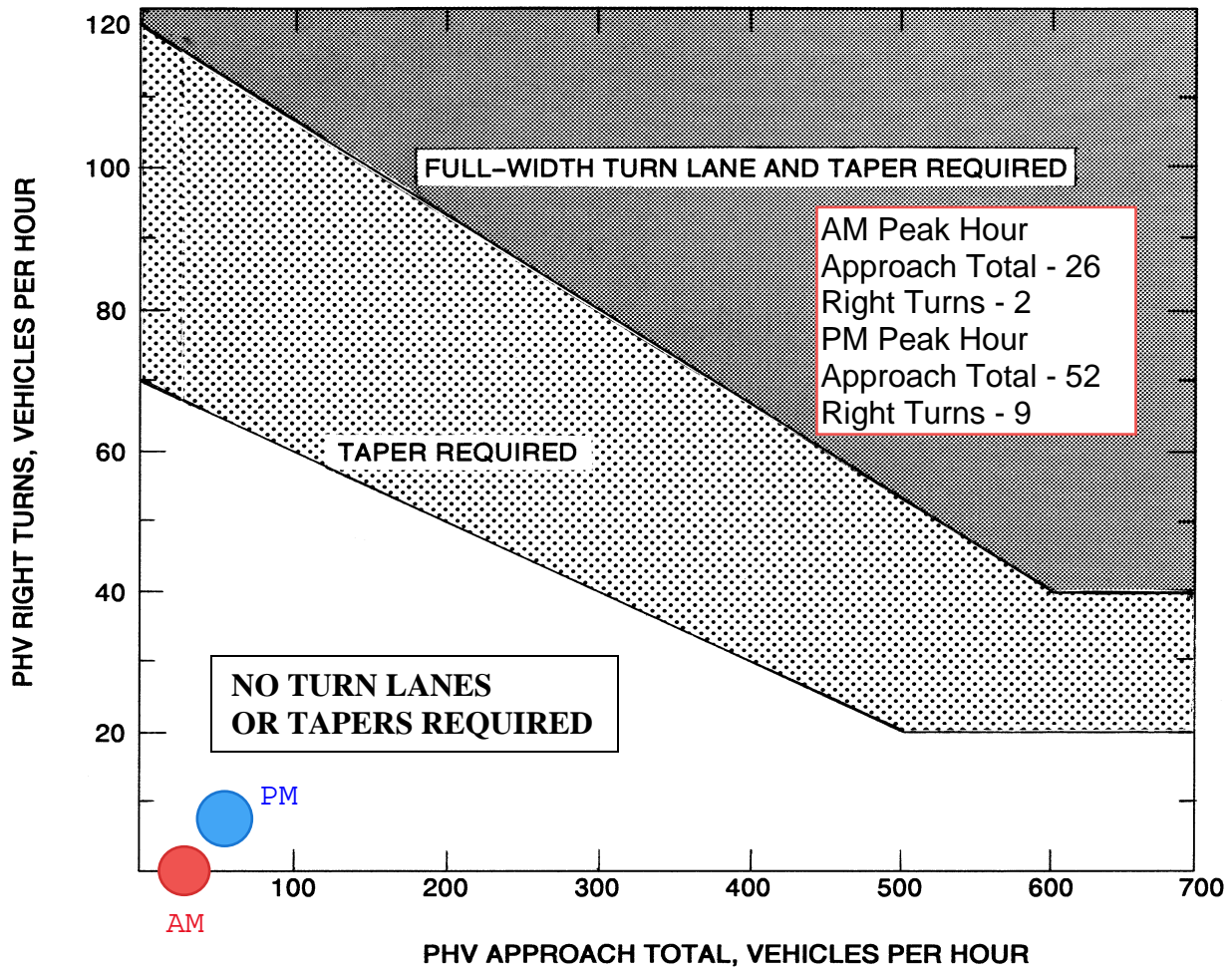
WARRANT FOR LEFT-TURN STORAGE LANES ON TWO-LANE HIGHWAYS



**FIGURE 3-4**



**FIGURE 3-5**



Appropriate Radius required at all Intersections and Entrances (Commercial or Private).

**LEGEND**

**PHV** - Peak Hour Volume (also Design Hourly Volume equivalent)

**Adjustment for Right Turns**

For posted speeds at or under 45 mph, PHV right turns > 40, and PHV total < 300.

Adjusted right turns = PHV Right Turns - 20

If PHV is not known use formula:  $PHV = ADT \times K \times D$

K = the percent of AADT occurring in the peak hour

D = the percent of traffic in the peak direction of flow

Note: An average of 11% for K x D will suffice.

**FIGURE 3-23 GUIDELINES FOR RIGHT TURN TREATMENT (2-LANE HIGHWAY)**