

# Public Meeting

**Road Layout to Reduce Speeding in Residential Neighborhoods,(SRA 14-21)**

**PURPOSE:**

Amend the Subdivision Regulations of

**APPLICANT:** Planning Division



# SRA No. 14-21

## Road Layout to Reduce Speeding in Residential Neighborhoods

### **PRESENTER:**

Donna Daugherty, PGM, Highway Engineer

# Background

## History:

- **Neighborhood Traffic Calming Task Force recommendation to Board of County Commissioners on December 3, 2013**
- **Positive recommendation by Task Force**
- **Concerns: impact to emergency response, long-term maintenance cost**
- **Board of County Commissioners support concept of pro-active design of neighborhoods to reduce speeding, directing staff to prepare draft legislation**

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# Preferred Speed Control Measures

- **Road curves**
- **T-intersections**
- **Traffic circles**
- **Roundabouts**

# Road Curves



# T – Intersections



# Traffic Calming Circles



# Roundabouts



Devongate Ct



Ethridge Drive



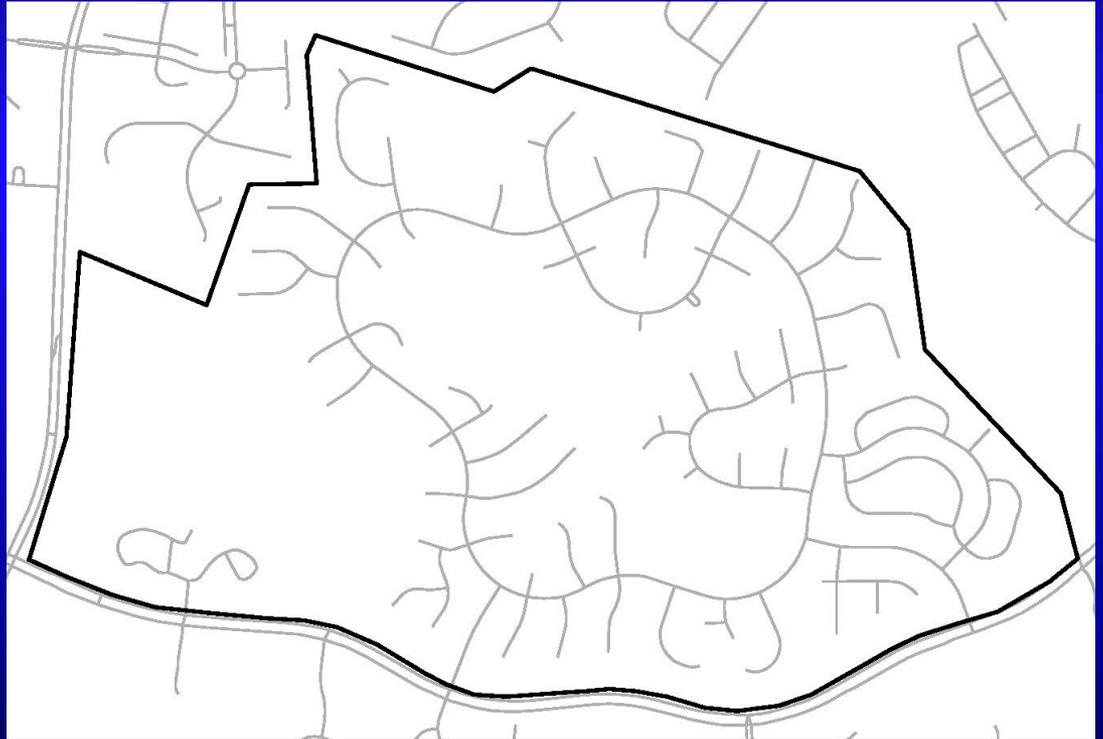
Prince George's County



Washington State

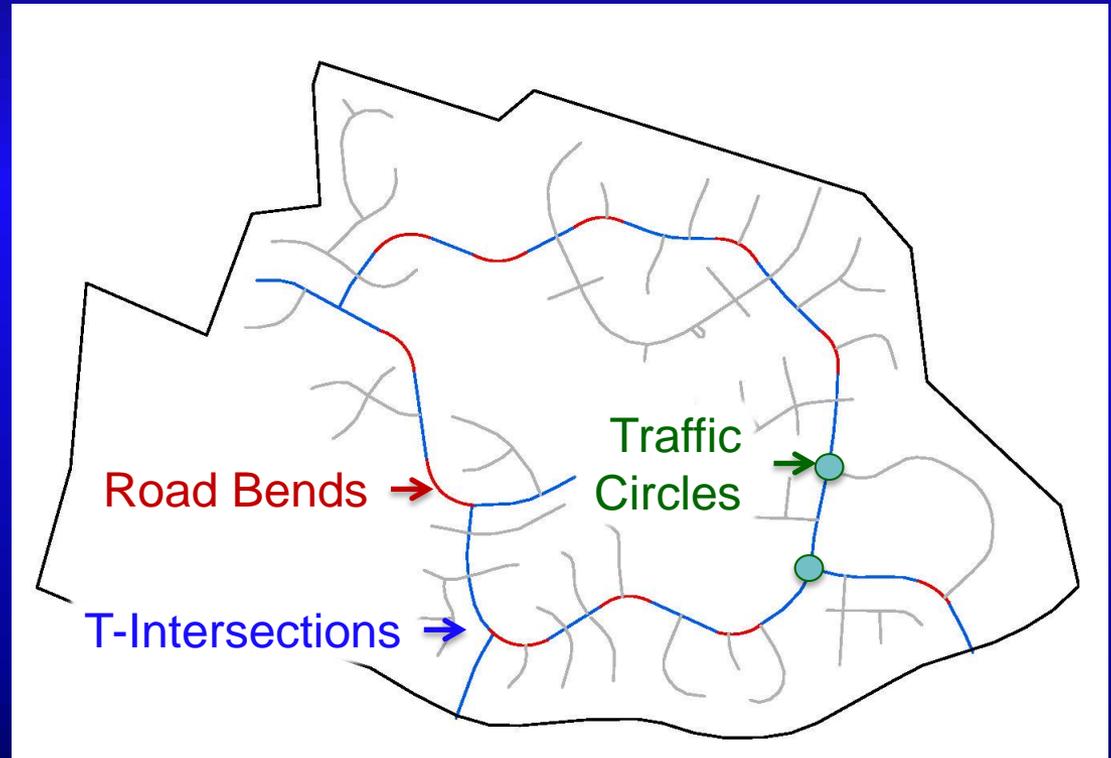
# Residential Road Layout

**Existing  
subdivision  
with speeding  
complaints:**



# Residential Road Layout

Existing subdivision redesigned with traffic calming measures:



# Other Speed Control Measures

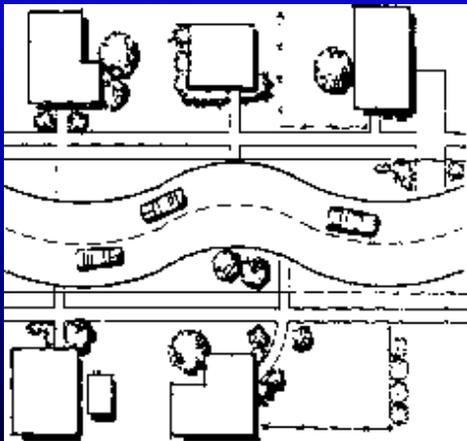
**Allowed on a case-by-case basis when preferred measures are not practical, with approval of the Highway Engineer:**

- **Chokers**
- **Chicanes**
- **Center Islands**
  - **Medians**
- **Lateral Shifts**
- **Speed Humps**

# Other Measures



## Chicane



# Speed Humps





Retrofit



New Development

Eugene, Oregon:

Upper left - raised crosswalk in university area

Upper right - the same measure in new development, required as a condition of development approval -- this crosswalk is on an access route to a public school, barely visible in the background

# Diagonal Diverters and Road Closures

Most restrictive to motorists



# Other Ordinance Changes:

## Secondary points of access

- **To major collector or arterial roadways**
- **Adequate carrying capacity is not the only concern**

# Other Ordinance Changes:

Speed control measures on existing roads

- **May be required for inter-parcel connections**
- **Or other roads in existing neighborhoods**

# Transitional Provisions:

Existing transitional provisions in Section 8 are not changed

- **Approved or pending preliminary plans exempt from traffic calming if requirements of Section 8 are met**

Planning Commission can require compliance during review of extension requests

# Staff Recommendation:

Approval of SRA No. 14-21

# The End