



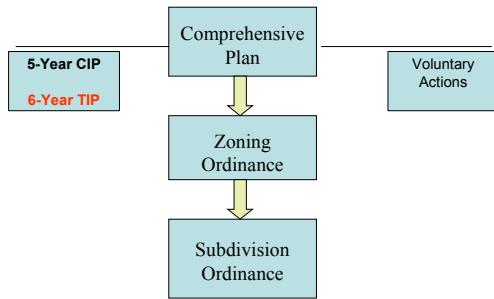
## Regional Transportation Plan

Fauquier County & Town of Warrenton

### Population Context

| County         | 2005 Population | Residents Added (2000-2005) |
|----------------|-----------------|-----------------------------|
| Clarke         | 13,900          | 1,553                       |
| Culpeper       | 41,200          | 6,938                       |
| Fauquier       | 62,900          | 7,761                       |
| Madison        | 13,500          | 980                         |
| Orange         | 29,300          | 3,419                       |
| Rappahannock   | 7,000           | 17                          |
| Warren         | 34,300          | 2,716                       |
| Fairfax        | 1,022,100       | 52,351                      |
| Loudoun        | 252,300         | 82,701                      |
| Prince William | 355,300         | 74,487                      |
| Stafford       | 117,300         | 24,854                      |

### Growth Management Process



### Chapter 10-Transportation Topics

- General Policy Guidelines for Transportation Systems
- Implementation of Service District Transportation Elements

Example Topics:

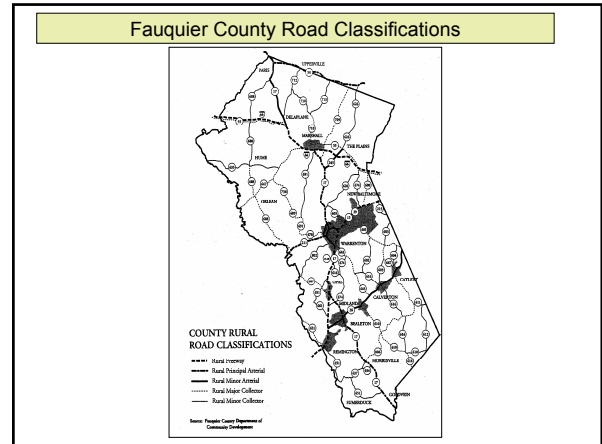
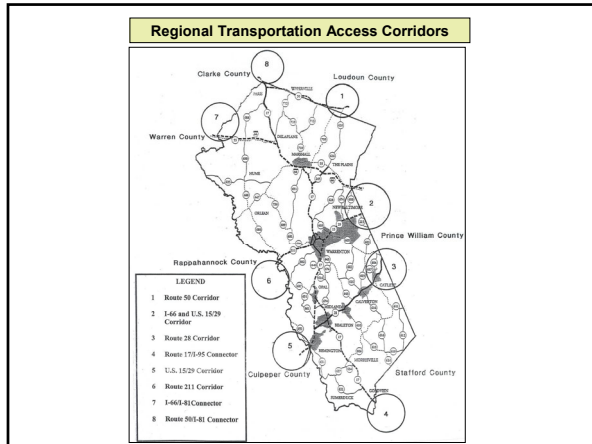
- ✓ Airport Expansion & Access
- ✓ Bike Paths
- ✓ Bus & Rail Service (VRE)
- ✓ Roadways (Secondary & Primary)

### 6 - Year Primary Road Projects (BOS)

| Primary Road & Priority                          | Improvement   |
|--|---|
| 1. U.S. 15/29 & Rt. 215 Intersection             | <ul style="list-style-type: none"> <li>▪ Rt. 215 Relocation/construction from U.S. 15/29 to Vint Hill.</li> <li>▪ Design work for the ultimate interchange at Route 215 and Route 15/29.</li> </ul> |
| 2. Route 28 (from U.S. 15/29 to PWC)             | <ul style="list-style-type: none"> <li>• Spot safety &amp; intersection improvements</li> </ul>   |
| 3. U.S. 15/29 & Rt. 17/Opal Interchange          | <ul style="list-style-type: none"> <li>• Flyover</li> </ul>   |
| 4. U.S. 15/29 & East Shirley Avenue Intersection | <ul style="list-style-type: none"> <li>• Initiate future interchange design study for south entrance/exit to Warrenton.</li> </ul>  |
| 5. Business Route 15/29                          | <ul style="list-style-type: none"> <li>• Remington curb/gutter and road widening.</li> </ul>  |
| 6. U.S. 15/29 and Rt. 28 Intersection            | <ul style="list-style-type: none"> <li>• Future interchange concept development.</li> </ul>   |
| 7. Interstate 66                                 | <ul style="list-style-type: none"> <li>• Extend acceleration lane from Rt. 17 southbound to Interstate 66 eastbound.</li> </ul>   |
| 8. U.S. 15/29/17                                 | <ul style="list-style-type: none"> <li>• Accelerate planning process for the eventual six-laning &amp; interchanges north of Warrenton Spur to the Prince William County line.</li> </ul>           |
| 9. U.S. 15/29                                    | <ul style="list-style-type: none"> <li>• Spot safety &amp; intersection improvements, including turn lanes and median closures.</li> </ul>  |

### 6 - Year Primary Road Projects (Warrenton)

| Primary Road & Priority                                 | Improvements  |
|---|---|
| 1. Interchange @ U.S. 29/U.S. 15-29, South of Warrenton | <ul style="list-style-type: none"> <li>• Full interchange, with access ramps and bridge Rt. 15/17/29; access ramp to Lord Fairfax Community College.</li> </ul>   |
| 2. Route 211 – Route 17 Bypass Connector                | <ul style="list-style-type: none"> <li>• Major collector connecting Rt. 211 with Rt. 17; portion of the r-o-w is reserved from Rt. 211 across to the Town recreation facility and south of Bear Wallow Road.</li> </ul> |



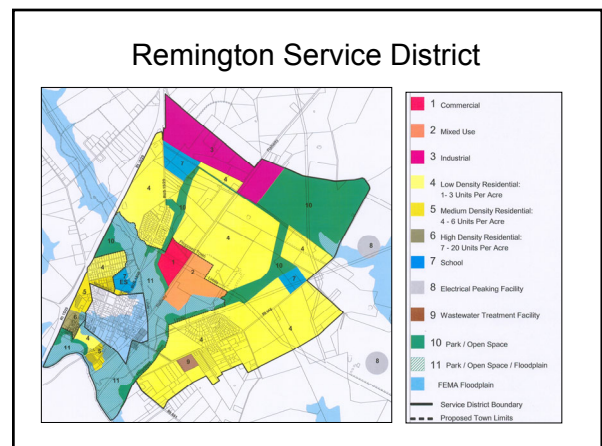
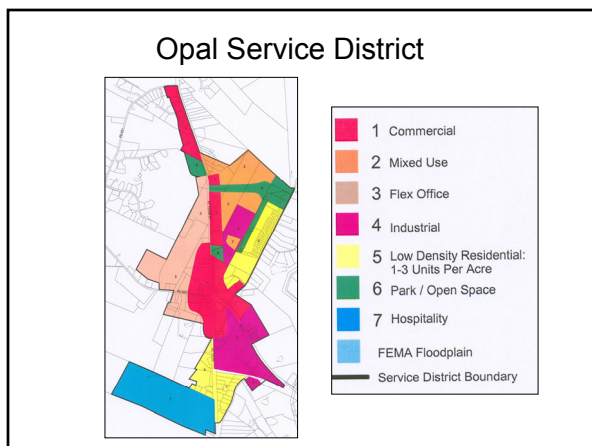
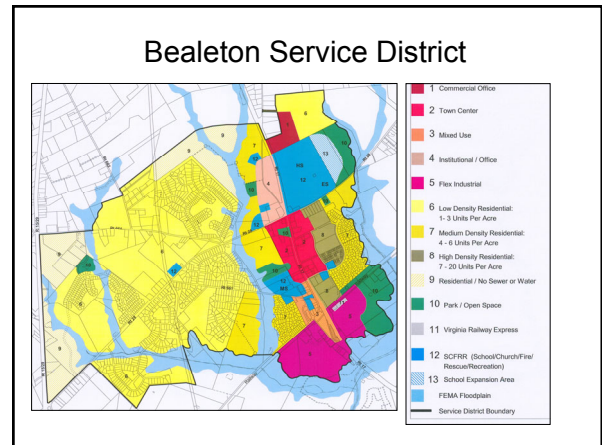
### Service Districts Categories

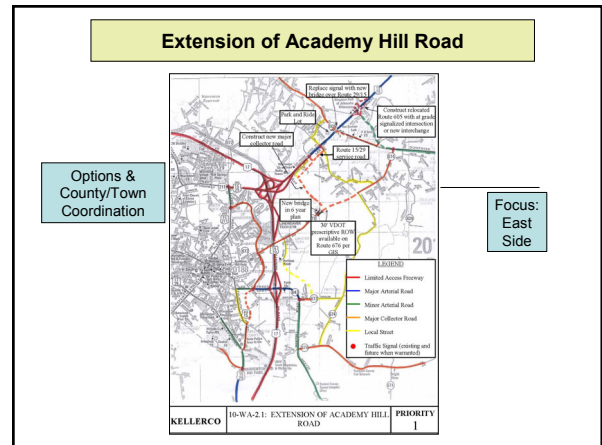
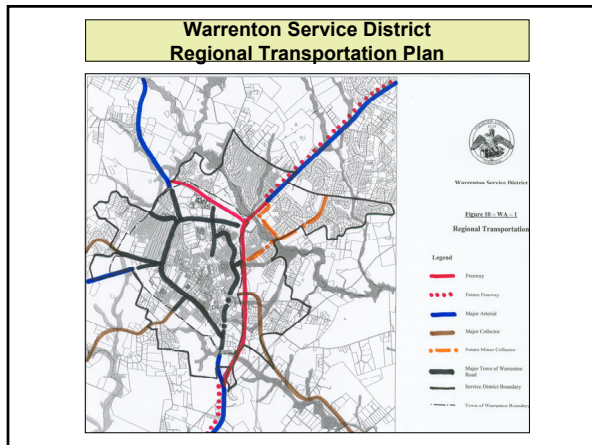
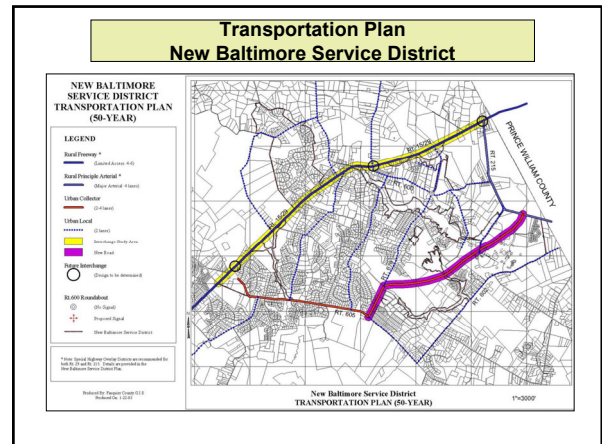
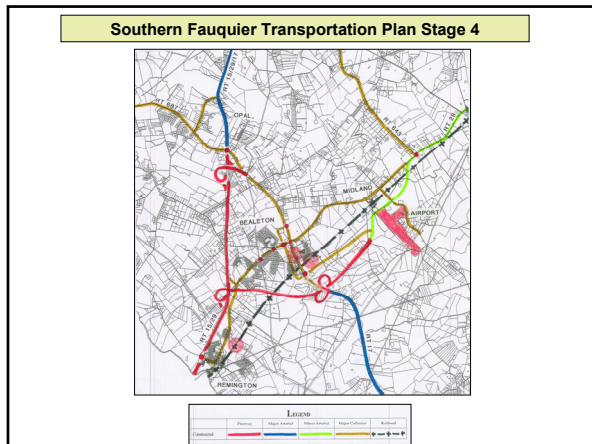
**Service Districts:**

1. Bealeton
2. Marshall
3. New Baltimore
4. Opal
5. Remington
6. Warrenton

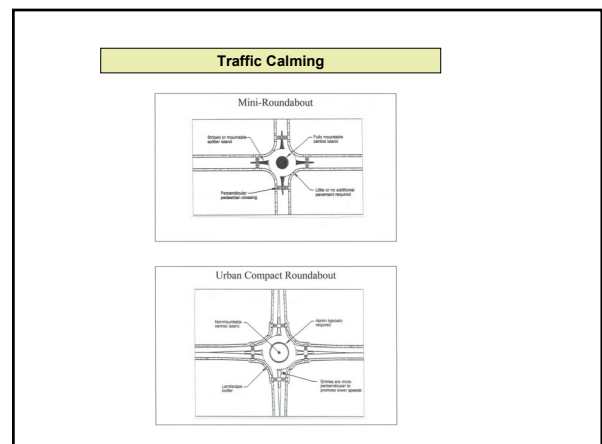
**Village Service Districts**

1. Calverton
2. Catlett
3. Midland





- ### Access Corridors Hot Spots
- Traffic Calming
  - Fauquier/Warrenton Airport
  - Transit Options (VRE)
  - Bicycle/Pedestrian Routes
  - U.S. 15/29 Coordination
  - Commercial Street Design
  - Residential Street Design



### Traffic Calming Techniques



### Traffic Impact Modeling & Impact Fee Areas

#### Test Cases:

- Bealeton, Opal & Remington
- Marshall

- ✓Traffic Impact Analysis Modeling & Land Use Planning Linkage
- ✓Cost Impact Analysis