

City of Winchester
Meadow Branch Avenue
Issues Related to Traffic Volumes

- Traffic counts were collected in July 2014 at multiple locations. The results are shown on the attached schematic.
- Current traffic volume on south end of Meadow Branch (near Handley Blvd.) is approx. 5,600 vehicles per day.
- Current traffic volume on Meadow Branch (near Buckner) is approx. 525 vehicles per day.
- When Meadow Branch is extended to Amherst and the new John Kerr School is completed, it is estimated that the traffic volumes on Meadow Branch (near Buckner) will increase to the range of 5,000 – 8,000 vehicles per day.
- Generally, roadways with less than 12,000 vehicles per day operate an acceptable level of service with two lanes (one lane in each direction).
- The long range transportation plan completed by the MPO in 2012 estimated that traffic volumes on an extended Meadow Branch in the year 2035 may be in the range of 20,000 – 30,000 vehicles/day.
- The following are existing traffic volumes on various two lane and four lane streets in Winchester:

**Existing Traffic Volumes
Other Streets**

	Vehicles/Day
<u>2-lane Streets</u>	
Valley Avenue (between Bellview and Handley)	11,000
N. Loudoun (between Cameron and NCL)	8,800
Boscawen (between Amherst and Stewart)	12,000
Gerrard	8,500
Fairmont (between Commerical and NCL)	11,000
Tevis (between Valley and Pleasant Valley)	7,200
<u>4-lane Streets</u>	
Berryville Avenue (near I-81)	25,000
Valley Avenue (between Middle and Weems)	20,000
Pleasant Valley (near Jubal Early)	22,000
Jubal Early (near Pleasant Valley)	20,000
Amherst (near hospital)	19,000

