

City of Winchester
Meadow Branch Avenue
Summary of Primary Issues and City Staff Recommendations - 8/20/14

Existing Meadow Branch Avenue (between Handley and Buckner)

1. Speed Limit

Current speed limit is 25 mph

- Recommendation: Speed limit to remain at 25 mph.

2. Truck Traffic

Currently, thru trucks are prohibited.

- Recommendation: Maintain prohibition for thru trucks.

3. Intersections

Currently, all-way stops exist at Meadow Branch/Handley and Meadow Branch/Armistead.

- Recommendation: Keep the all-way stops at Meadow Branch/Handley and Meadow Branch/Armistead, and due to limited sight distance, also convert Meadow Branch/Buckner intersection to an all-way stop.

4. Striping/Traffic Volumes

Currently, no striping exists.

Current traffic volumes on the north end of Meadow Branch near Buckner are 525 vehicles/day.

When Meadow Branch is extended, traffic volumes on Meadow Branch (near Buckner) are expected to increase to 5,000 – 8,000 vehicles/day. This volume is still well below volumes that would necessitate 4-lanes on Meadow Branch.

- **Recommendation: Stripe existing section of Meadow Branch using Option #1 (One travel lane each direction, a bike lane, and on-street parking). In the future, if traffic volumes increase and conditions warrant, City Council can reconsider the possibility of striping Meadow Branch as a 4-lane.**

New Section of Meadow Branch Avenue (between Buckner and Merrimans)

5. Speed Limit

- Recommendation: Establish speed limit at 25 mph.

6. Truck Traffic

- Recommendation: Prohibit thru trucks.

7. Intersections

- Recommendation: Install a new traffic signal at the primary entrance to the new John Kerr Elementary School.

8. Striping

- Recommendation: Continue striping with one lane in each direction north of Buckner and then transition to a striped 4-lane from approximately 700 feet north of Buckner to Amherst Street.