

DATE: June 7, 2016

TO: Michael O. Geisel, P.E.
Director of Public Services

FROM: James A. Eckrich, P.E. *JAE*
Public Works Director / City Engineer

RE: Yield Control – Bent Tree Drive and Windfall Ridge



The City of Chesterfield has received a request from the Trustees of the Bent Tree Subdivision for a Yield sign on Windfall Ridge Drive at Bent Tree Drive. The Trustees indicate that these streets intersect in a skew, and it is unclear to some drivers that Bent Tree Drive is the primary street, and motorists from Windfall Ridge Drive should yield to traffic on Bent Tree Drive. The Trustees believe a Yield sign would be an appropriate application and would alleviate this problem.

I have reviewed the intersection and agree with the Trustees. Due to the geometry of the intersection, there could be some ambiguity on the part of a motorist as to which is the primary street. Accordingly, a Yield sign is warranted in accordance with standard engineering practice and the Manual of Uniform Traffic Control Devices (MUTCD).

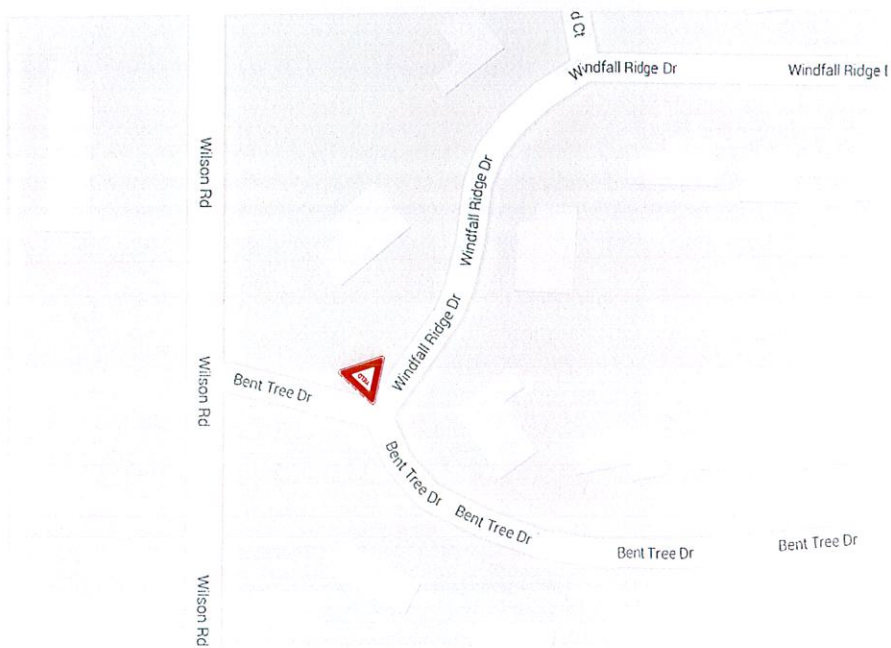
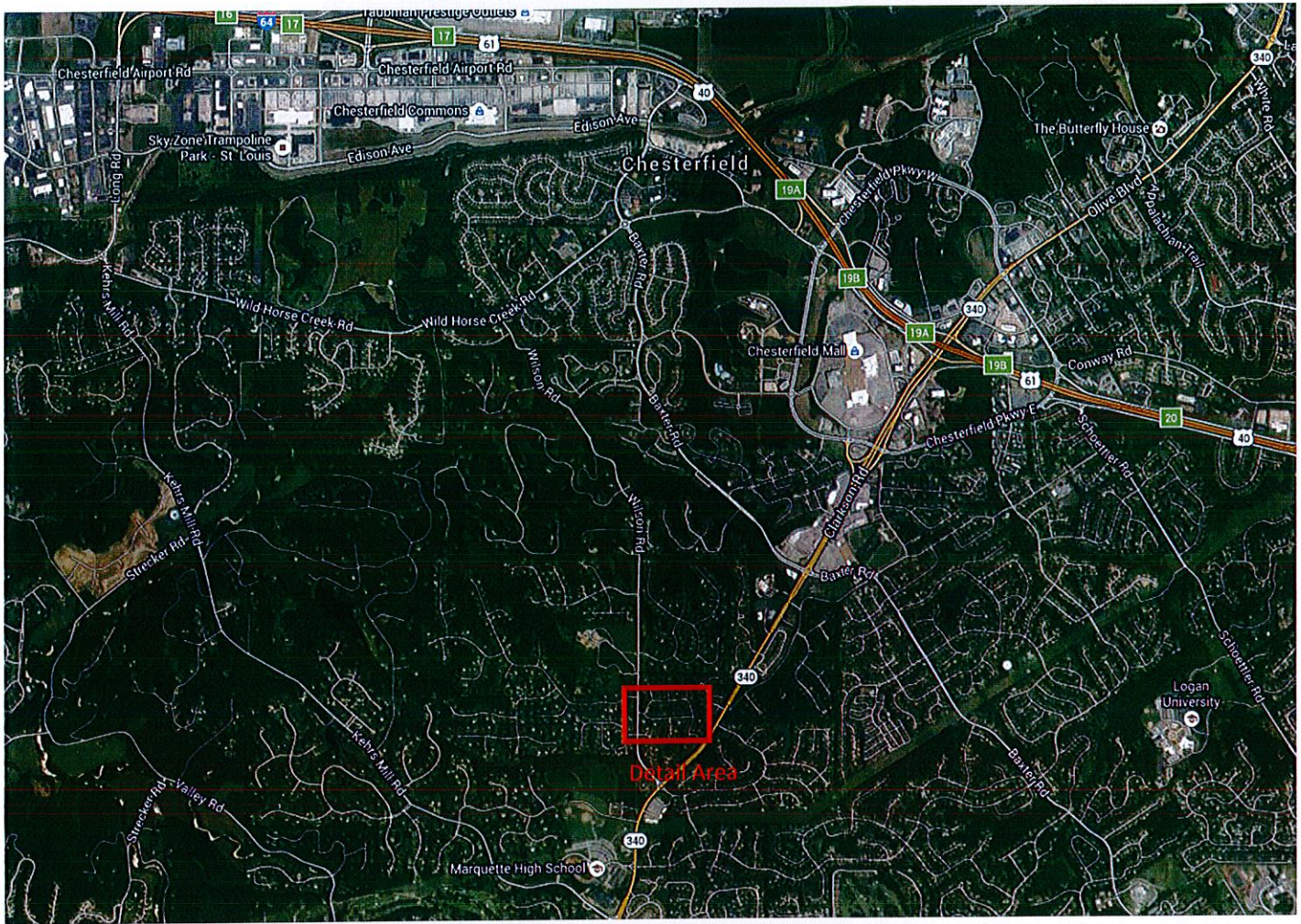
Action Recommended

This matter should be forwarded to the Planning and Public Works Committee for its consideration of the installation of a yield sign on Windfall Ridge Drive at Bent Tree Drive. If recommended for approval by the Planning and Public Works Committee, the matter should then be forwarded to the full City Council for consideration of the attached ordinance.

*Forward to PPW
me
2016-6-8*

Bent Tree Subdivision Yield Sign

Windfall Ridge Drive at Bent Tree Drive



BILL NO. _____

ORDINANCE NO. _____

AN ORDINANCE AMENDING SCHEDULE VII OF THE MODEL TRAFFIC ORDINANCE OF THE CITY OF CHESTERFIELD BY ADDING YIELD CONTROL FOR THE INTERSECTION OF WINDFALL RIDGE DRIVE AND BENT TREE DRIVE

WHEREAS, it is desirable to maintain safe and appropriate traffic control on all roadways in a manner consistent with recognized traffic engineering standards; and

WHEREAS, a traffic engineering analysis indicates that yield control is needed to maintain traffic safety at the intersection of Windfall Ridge Drive and Bent Tree Drive;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF CHESTERFIELD, ST. LOUIS COUNTY, MISSOURI, AS FOLLOWS:

Section 1. Chapter 300, Schedule VII, Yield Intersections is hereby amended by adding the following provision thereto:

Intersection

Traffic on Highway, Road, Street or Alley Listed Below Shall Yield

Bent Tree Drive and Windfall Ridge Drive

Windfall Ridge Drive (southbound)

Section 2. In all other respects, Chapter 300, Schedule VII is in full force and effect.

Section 3. This ordinance shall be in full force and effect from and after its passage and approval.

Passed and approved this _____ day of _____, 2016.

MAYOR

ATTEST:

CITY CLERK

[FIRST READING HELD: _____]