

## Memorandum

**To:** Jim Sanders / Dave Wilwerding  
SW Area Road & Traffic Working Group

**Date:** 4/26/2017

**From:** Mark Perington

**CC:** Emily Price  
Tamara Kenworthy

**RE:** Foxboro Road/Birchwood Ct Concepts Evaluation  
SW Area Road & Traffic Working Group  
S&A Project #: 116.0848.01

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Attached for review and further discussion at our upcoming Working Group meeting on May 2, is an evaluation of the concepts developed together with the Working Group through our series of meetings. The evaluation considers the various concepts discussed and presented on the attached exhibits at our last meeting. The concepts are still the same layouts shown at the prior meeting, but a few updates to the exhibits have been made and the letter naming has changed slightly.

Options include:

- A – Limited construction to allow land development and access from existing Birchwood Court, or from NW 54<sup>th</sup>, but not a continuous connection.
- B – Original proposed alignment, from Birchwood Ct. east and north to NW 54<sup>th</sup> Avenue with intersection alignment at Foxboro Rd.
- C – Majority similar to Option A or B, but final north portion of road moved to a westward alignment and intersection point on NW 54<sup>th</sup> Ave.
- D – North offset and eastward extension of Birchwood Ct. utilizing a possible corridor along south edge of school district property, and direct access to NW 72<sup>nd</sup> St.
- E – Due eastward extension of Birchwood Ct. adjacent to I-80 right of way and through the Urbandale Winter Park/Ice skating & hockey rinks area.
- School Driveway – Not a public street option, but a driveway connection for Timber Ridge Elementary.

The attached evaluation matrix is a basic qualitative approach to understand how each option generally meets basic categories/objectives that the City must consider with respect to potential land development proposals in the area and primarily the transportation public infrastructure that must be constructed to support the land use.

Evaluation considerations included the following items:

- Comprehensive Plan / Land Use
- Right of Way Needs
- Design Criteria
- Traffic Circulation / Operations
- Multi-Modal Transportation (pedestrian, bicyclists)
- Improved Access
- Constructability
- Cost to Taxpayer

We have developed our overall transportation planning and traffic operations evaluation comments for each category and option developed with the Working Group.

The City staff and Working Group members should review this information in advance of the Working Group meeting on May 2<sup>nd</sup>, and we will have the opportunity to discuss in smaller work groups then discuss as a whole for discussion, additional question and answers, or other considerations. Our goal will be to establish a basic summary evaluation score if a particular concept alternative generally meets (+) the category objectives, doesn't meet (-) the category objectives or is neutral (O) impact.