



## memorandum

**Date:** September 26, 2018

**To:** Loyd Cureton  
City of Northville DPW Director

**cc:**

**From:** Stephen Dearing, PE  
Jessica Katers, PE

**Re:** Northville Downs Development TIS Review

OHM Advisors is providing the following feedback on the response provided by Fleis & VandenBrink on September 14, 2018 to our review dated September 10, 2018 of the TIS performed by Fleis & VandenBrink dated June 20, 2018.

### *Scope of Study Area*

The intersections of 7 Mile & S. Main St. and 7 Mile & Northville Road act as gateways to accessing the freeway system. Due to the largely residential nature of the development and given the regional characteristics of employment in this area, it appears that the proposed development will have impact on these intersections. Independent of what scope may or may not have originally been presented to the City or Wayne County, these intersections should be included in the analysis to properly illustrate the impact of this development.

### *Depiction of Lane Configurations*

The intersections of Hines Dr at Center/Sheldon and at 7 Mile are complicated. In lieu of a more detailed written description and in addition to the exhibits (such as Figure 2), we recommend including an aerial image that is annotated with traffic movement arrows to clarify the operations at these intersections.

### *Impacts to Center and to Sheldon at Hines*

The modifications recommended for the north and south legs of this intersection should be more adequately described. It should be clearly noted what will be impacted in order to provide head to head left turn lanes at this location. In particular, the TIS should detail the impacts on the length of available storage, the existing shoulders (reduction or elimination of paved shoulders on an uncurbed principal arterial is not acceptable), the non-motorized facilities (i.e. bike lanes) and whether or not any pavement widening will be necessary.

### *Minimum growth rate*

We are not aware of any guidance from MDOT requiring that TIS's use a minimum growth of 0.5% per year. Evidence of this MDOT recommendation should be provided to determine if it is applicable in this scenario.

### *Roundabout Acceptance by Wayne County*

Currently, conversations with Wayne County are being had in regards to implementing a roundabout at this intersection. A meeting is being scheduled to further discuss the option as a viable possibility.