

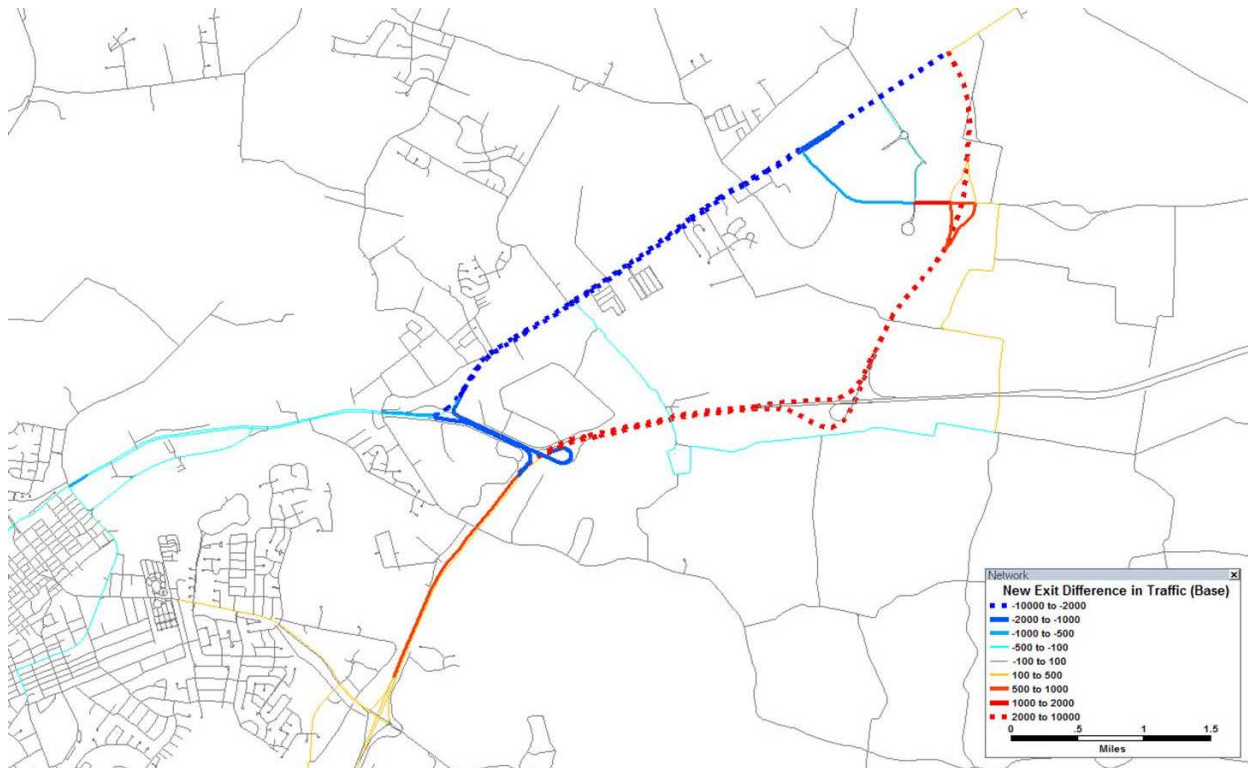
# APPENDIX G

## KYTC GROWTH RATE AND MODEL OUTPUT

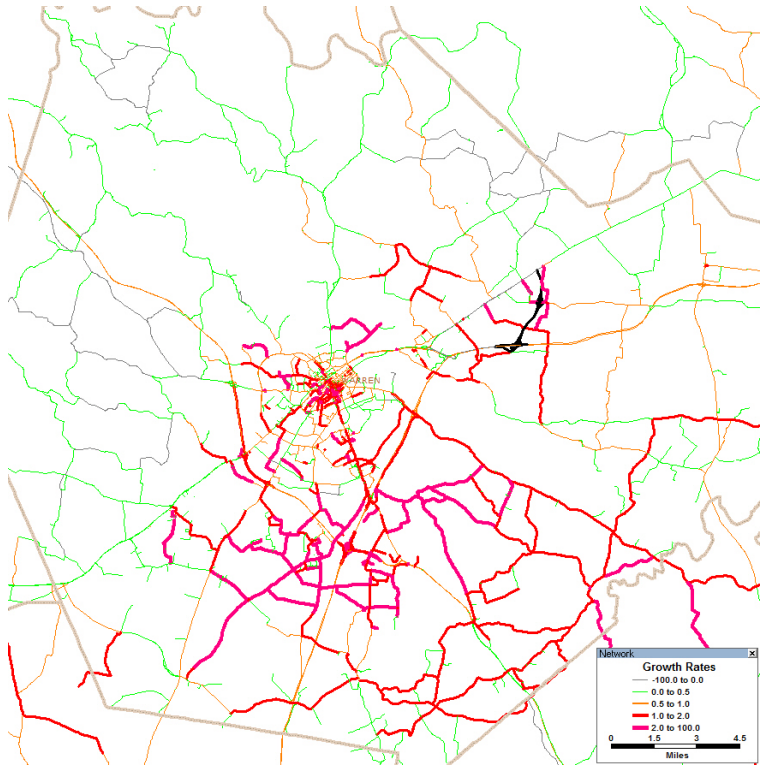
From: [Hulker, Daniel \(KYTC\)](#)  
To: [McKinnis, Shane \(KYTC\)](#); [Coffey, Annette](#)  
Cc: [Moore, Jeff \(KYTC-D03\)](#); [Reynolds, Jonathan \(KYTC\)](#)  
Subject: RE: Growth Rate Status US 31W/KY 446 Corridor Study - Warren County  
Date: Wednesday, March 18, 2015 9:30:41 AM

After running the model with and without the new interchange on I-65 in the current and future years with new updates that we have just received from Stantec, the growth rate predicted for this project by the model will be much closer to 0.5% per year. This is with the new Transpark development and additional employment. Although there will be new traffic generated in the area, with the opening of the new interchange, most of the new traffic will bypass the US 31W area and use the interstate instead.

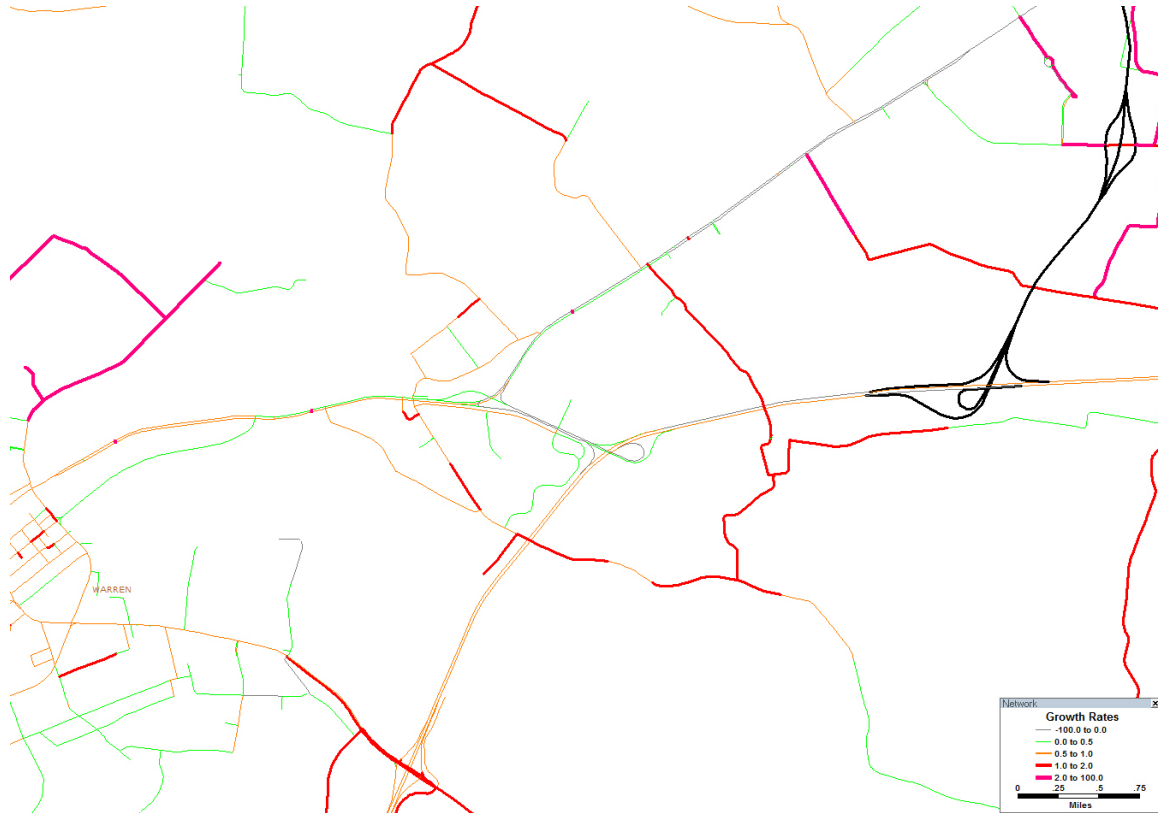
The following picture illustrates the difference in base year traffic assignment with the new interchange open as well without the new interchange. Red and orange indicate increased traffic assignment while blue indicates decreased assignment:



The model does predict that areas of Bowling Green will experience traffic increases but most of them will be confined to the south side of the city:



Here is a closer look at the project area:



While there may be an increase in employment for the area, most of the new traffic is predicted by the model to use the new interstate exit instead of US 31W.

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**From:** McKenzie, Shane (KYTC)  
**Sent:** Tuesday, March 17, 2015 3:20 PM  
**To:** Coffey, Annette  
**Cc:** Moore, Jeff (KYTC-D03); Hulker, Daniel (KYTC)  
**Subject:** RE: Growth Rate Status US 31W/KY 446 Corridor Study - Warren County  
Daniel is working diligently on the model and is to contact you tomorrow with the outcome. At this point ( after much discussion with the City of BG and MPO about growth potential) it is looking to be less than the original (preliminary) 1.0%.

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**From:** Coffey, Annette [<mailto:acoffey@qk4.com>]  
**Sent:** Monday, March 16, 2015 4:25 PM  
**To:** McKenzie, Shane (KYTC); Moore, Jeff (KYTC-D03)  
**Subject:** Growth Rate Status US 31W/KY 446 Corridor Study - Warren County  
I am checking on the status of the growth rates for the subject project.

Annette Coffey, P. E.  
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Qk4, Inc.

2014 ACEC-KY Grand Conceptor Award Winner – 21<sup>st</sup> Century Parks'

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