

**To:** Members of Dublin City Council  
**From:** Dana L. McDaniel, City Manager   
**Date:** May 5, 2016

**Initiated By:** Paul A. Hammersmith, PE, Director of Engineering/City Engineer  
Jean-Ellen M. Willis, PE, Engineering Manager – Transportation

**Re: Resolution 26-16, Support of the Mid-Ohio Regional Planning Commission (MORPC) Attributable Funding Commitment**

## Background

In 2014, Dublin submitted an application and was awarded \$7 million by the Mid-Ohio Regional Planning Commission (MORPC) Attributable Funds grant program for the Tuttle Crossing Boulevard Extension project. The awarded grant funds will become available to this project in State Fiscal Year 2019, which begins July 1, 2018. Resolution 82-14, which is the legislation passed to support the Attributable Funds application, and all supporting documentation are attached for your reference.

This regionally important project connects Tuttle Crossing Boulevard from its existing terminus at Wilcox Road with Avery Road, and also widens Avery Road, from Dublin's southern corporation limit to the Rings Road west intersection. Roundabouts will be installed at the existing intersections of Tuttle Crossing Boulevard and Wilcox Road and Avery Road and Rings Road west, and the future intersection of Tuttle Crossing Boulevard and Avery Road. A general project location map with work descriptions is below in Figure 1.

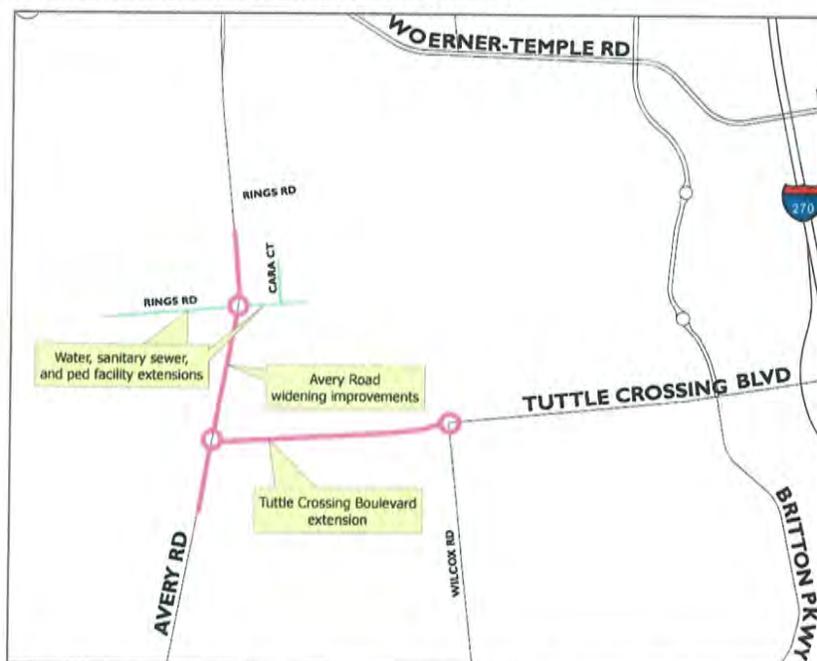


Figure 1. Avery Road widening and Tuttle Crossing Boulevard project area

After receiving an Attributable Funds grant award, a Funding Commitment Project Update is required every two years to report on the project scope, schedule, and estimated cost to MORPC. In addition, project sponsors must submit legislation to reaffirm the commitment to the project for MORPC's records.

Currently, the project is on budget and on time. Staff and our consultant for the project, American StructurePoint, are working with the Ohio Department of Transportation (ODOT) to submit and receive approval of the required environmental documents and develop thirty percent, or Stage 1, construction drawings. The most current schedule shows the Stage 1 drawings being submitted to Dublin and ODOT by mid-May. It is anticipated that right-of-way will be authorized in early 2017. The project is scheduled to bid in the fourth quarter of 2018 in order to be ready for construction to begin in the spring 2019.

The current construction cost estimate for the project is \$12,054,000. Total project costs, including design, landscaping, utility relocation and acquisition are estimated to be \$15,815,000. Several sources of funding for this project have been identified. The table below outlines known contributions to date.

<b>Funding Source</b>	<b>Amount</b>
MORPC Attributable Funds	\$7,000,000
Columbus Pay as You Grow	\$2,800,000
Avondale Infrastructure Agreement	\$492,800
<b>Total</b>	<b>\$10,292,800</b>

Given the funding identified from outside sources in the table above, the amount of needed funding from Dublin to construct this project is estimated to be \$1,761,200. It is expected that Dublin's total financial contribution to the project will be \$5,522,200. The project is funded through service payments from the Rings/Frantz TIF, and an advance of income tax from the General Fund.

### **Recommendation**

Staff recommends adoption of Resolution 26-16 supporting the Mid-Ohio Regional Planning Commission Attributable Funding Commitment.

# RECORD OF RESOLUTIONS

Dayton Legal Blank, Inc., Form No. 30045

Resolution No. 26-16

Passed \_\_\_\_\_, 2016

## RESOLUTION SUPPORTING THE ATTRIBUTABLE FUNDING COMMITMENT FOR THE TUTTLE CROSSING BOULEVARD EXTENSION AND AVERY ROAD WIDENING BY THE MID-OHIO REGIONAL PLANNING COMMISSION (MORPC)

**WHEREAS**, the extension of Tuttle Crossing Boulevard between Wilcox Road and Avery Road, and the widening of Avery Road between Dublin's southern corporation limit and Rings Road West is included in the Community Plan; and

**WHEREAS**, this project provides a much needed east-west link in the City's transportation system; and

**WHEREAS**, the project provides dedicated bike and pedestrian ways along both Avery Road and Tuttle Crossing Boulevard; and

**WHEREAS**, providing direct access to the interstate system and increasing capacity on Avery Road will improve driving conditions in the southwest portion of the City and neighboring portions of the region.

**NOW, THEREFORE, BE IT RESOLVED** by the Council of the City of Dublin, \_\_\_\_\_ of its elected members concurring, that:

**Section 1.** Dublin City Council supports the existing Attributable Funds commitment from the Mid-Ohio Regional Planning Commission (MORPC) to assist in the construction of the extension of Tuttle Crossing Boulevard and the widening of Avery Road project.

**Section 2.** Dublin City Council is committed to securing the additional local funding needed to complete the project.

**Section 3.** This Resolution shall be effective upon passage in accordance with Section 4.04(a) of the Revised Charter.

Passed this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

\_\_\_\_\_  
Mayor - Presiding Officer

ATTEST:

\_\_\_\_\_  
Clerk of Council

# RECORD OF RESOLUTIONS

Dayton Legal Blank, Inc., Form No. 30045

82-14

Resolution No. \_\_\_\_\_ Passed \_\_\_\_\_, 20\_\_\_\_

**RESOLUTION SUPPORTING THE ATTRIBUTABLE FUNDING AND OHIO  
PUBLIC WORKS COMMISSION APPLICATIONS  
FOR THE TUTTLE CROSSING BOULEVARD EXTENSION  
AND AVERY ROAD WIDENING TO THE MID-OHIO REGIONAL PLANNING  
COMMISSION (MORPC)**

**WHEREAS**, the extension of Tuttle Crossing Boulevard between Wilcox Road and Avery Road, and the widening of Avery Road between Dublin's southern corporation limit and Rings Road West is included in the Community Plan; and

**WHEREAS**, this project provides a much needed east-west link in the City's transportation system; and

**WHEREAS**, the project provides dedicated bike and pedestrian ways along both Avery Road and Tuttle Crossing Boulevard; and

**WHEREAS**, providing direct access to the interstate system and increasing capacity on Avery Road will improve driving conditions in the southwest portion of the City and neighboring portions of the region.

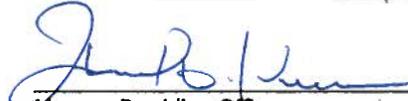
**NOW, THEREFORE, BE IT RESOLVED** by the Council of the City of Dublin, 5 of its elected members concurring, that:

**Section 1.** Dublin City Council respectfully supports all efforts to obtain funding from the Mid-Ohio Regional Planning Commission (MORPC) to assist in advancing the extension of Tuttle Crossing Boulevard and the widening of Avery Road.

**Section 2.** Dublin City Council is committed to the local funding level included with this request.

**Section 3.** This Resolution shall be effective upon passage in accordance with Section 4.04(a) of the Revised Charter.

Passed this 22<sup>nd</sup> day of September, 2014.

  
\_\_\_\_\_  
Mayor - Presiding Officer

ATTEST:

  
\_\_\_\_\_  
Clerk of Council  
(Acting)

**To:** Members of Dublin City Council  
**From:** Marsha I. Grigsby, City Manager *MLG*  
**Date:** September 18, 2014  
**Initiated By:** Paul A. Hammersmith, PE, Director of Engineering/City Engineer  
Jean-Ellen M. Willis, PE, Engineering Manager – Transportation  
**Re:** Resolution 82-14 - Support of Mid-Ohio Regional Planning Commission  
Attributable Funding and Ohio Public Works Commission Applications

## Background

The Tuttle Crossing Boulevard extension, from Wilcox Road to Avery Road, and Avery Road widening, from Dublin's southern corporation limit to the Rings Road West intersection is an important transportation project. Included in the City's Community Plan, this project provides a much needed east-west link in the City's transportation system, as well as dedicated bike and pedestrian ways along both Avery Road and Tuttle Crossing Boulevard. A shared-used path is also included along Rings Road, as well as sidewalk extensions along Cara Road and Cara Court.

Water and sanitary sewer are also extended along Tuttle Crossing Boulevard, Rings Road West, Cara Road and Cara Court. Providing direct access to the interstate system and increasing capacity on Avery Road will improve driving conditions in the southwest portion of the City and neighboring portions of the region (see Figure 1 below).

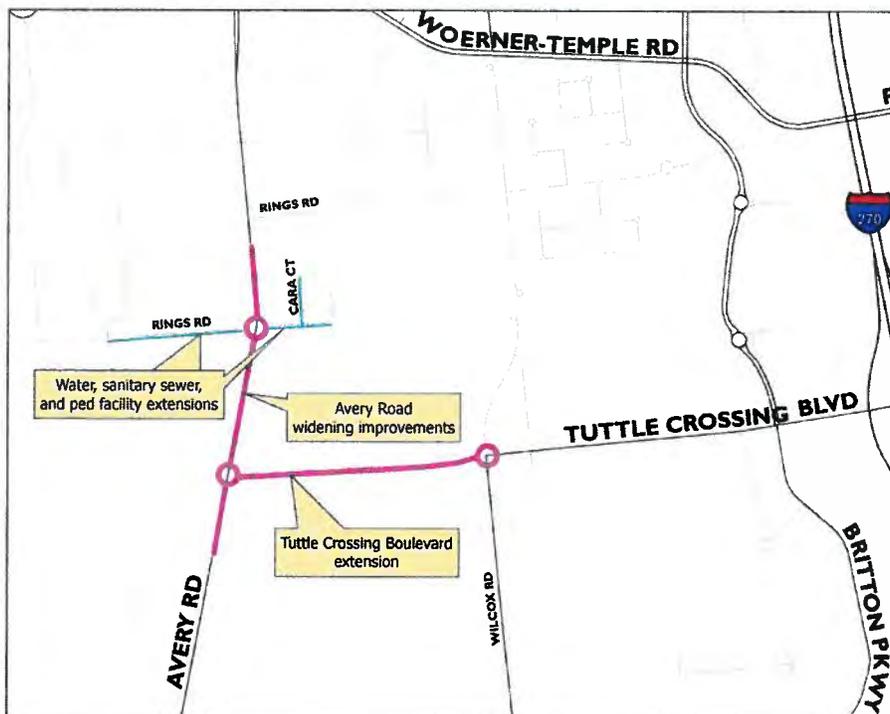


Figure 1. Avery Road widening and Tuttle Crossing Boulevard project area

The construction cost of this project is estimated to be \$11 million. Staff is requesting \$7 million for construction through the MORPC Attributable Funding program. MORPC's attributable funding is typically used to close funding gaps, not fund entire projects. Successful requests are typically \$7 million or less per year. A funding match of at least 20% of the construction is generally required. Other sources of funding will also be pursued for this project.

MORPC expects to make \$40 to \$50 million total available for new projects, pending previous commitments. About \$16 million of the total is targeted for major roadway widening and new alignment projects. Final applications were due to MORPC August 15, 2014. The Federal Funding Committee (in MORPC) will review the application scores/rankings and will recommend projects for funding. A draft list of projects selected for funding will be published by December, with a public review and comment period following. MORPC expects to approve the new funding commitments in February 2015.

Ohio Public Works Commission (OPWC) funding will also be sought for this project. Successful grants for this funding typically range from \$500,000-\$2,000,000. An application was submitted by the September 15, 2014 filing date. It is unlikely that the project will receive funding in this round as Dublin is not proposing to go to construction before next year. However, it is good to have the project presented to the region to see how it ranks in comparison. Once staff has a better understanding of timing for construction, another application will be submitted for OPWC funds that can be used in a future year.

### **Recommendation**

Staff recommends adoption of Resolution 82-14, supporting the Mid-Ohio Regional Planning Commission Attributable Funding and OPWC applications.

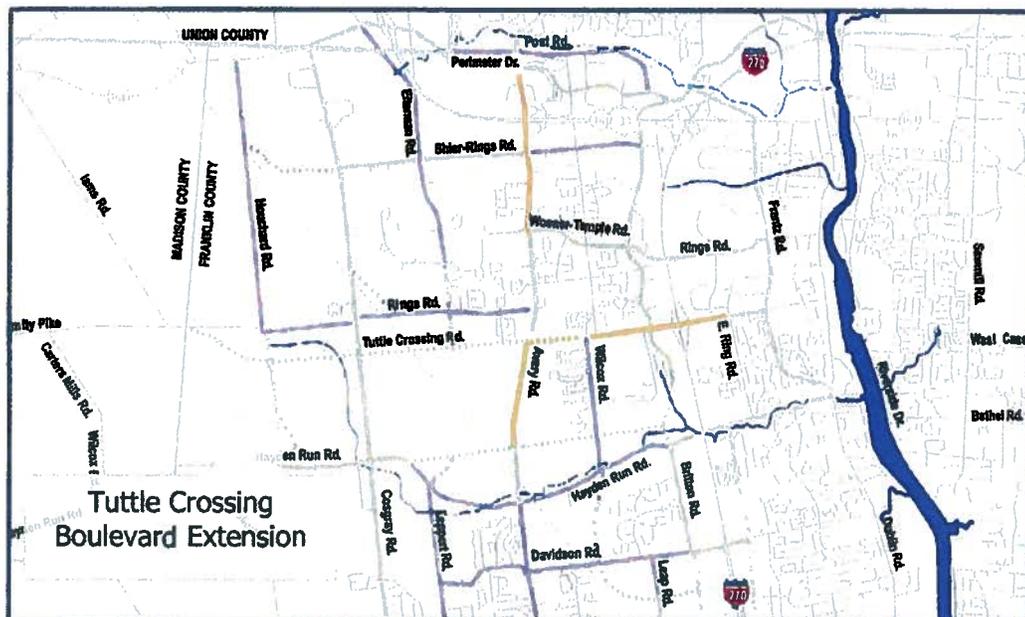
**To:** Members of Dublin City Council  
**From:** Marsha I. Grigsby, City Manager *mlg*  
**Date:** September 4, 2014  
**Initiated By:** Paul A. Hammersmith, PE, Director of Engineering/City Engineer  
Jean-Ellen M. Willis, PE, Engineering Manager – Transportation  
**Re:** Tuttle Crossing Boulevard Extension/Avery Road Widening Project Summary

## Background

For the August 11, 2014 Council meeting, staff prepared a report informing Council that a grant application for MORPC Attributable Funding was being prepared for the Tuttle Crossing Boulevard Extension and Avery Road Widening project and that a resolution of support for the application be passed at a future Council meeting. At that meeting, several questions were asked regarding the project. This staff report will discuss the long-term plan for Tuttle Crossing Boulevard, nearby development projects, the overall roadway network in the vicinity, and why this project benefits the residents of Dublin.

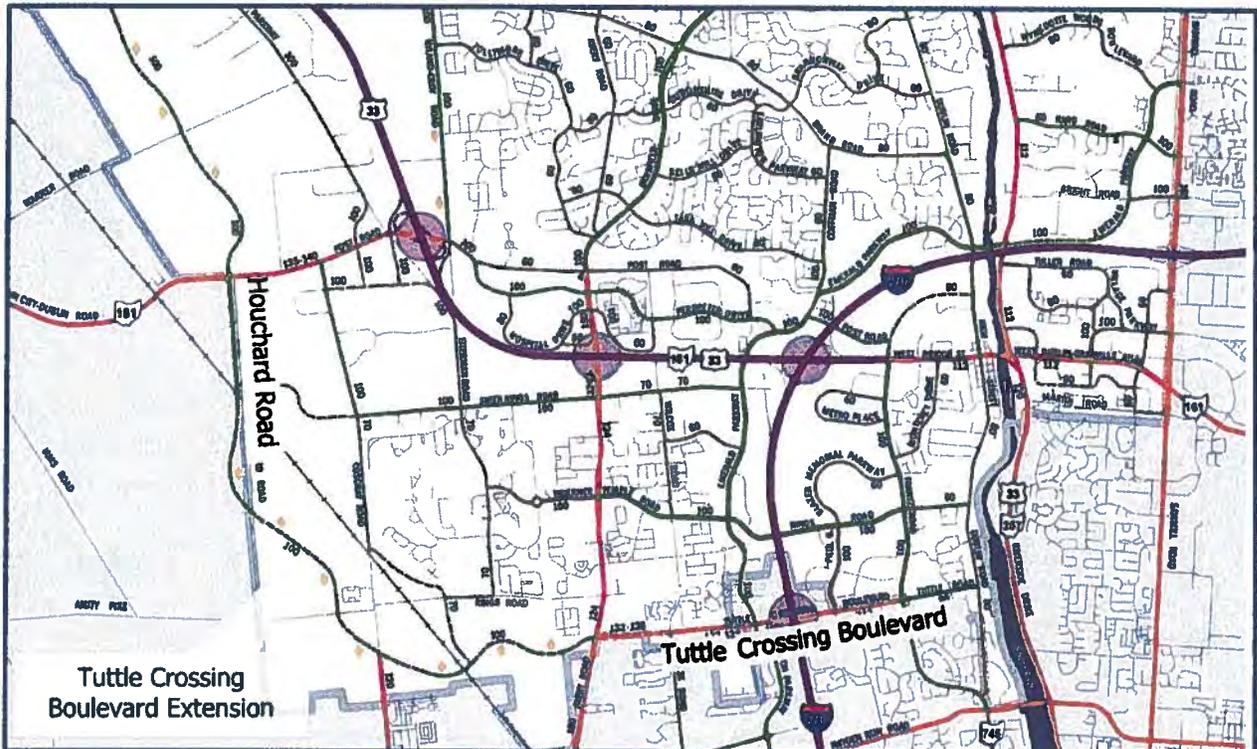
## Long-Term Network

The extension of Tuttle Crossing Boulevard has been considered for many years. It has been included in the Thoroughfare Plan in Dublin's Community Plan since 1988, in various alignments. A preliminary alignment study was performed in 1995 by ms Consultants. In 2004, the Hayden Run Corridor Plan was developed in partnership between the Cities of Dublin, Hilliard, and Columbus, along with Franklin County, and depicts Tuttle Crossing Boulevard extending west from Wilcox Road on an independent alignment and tying into Amity Pike (Rings Road) west of Houchard Road, as shown in Figure 1.



**Figure 1: Hayden Run Corridor Thoroughfare Plan**

Most recently, the Thoroughfare Plan included in the 2007 Dublin Community Plan update, and again in the 2012 update, reflects current intentions that Tuttle Crossing Boulevard will extend west of Avery Road along an independent alignment and connect to Houchard Road near the CSX railroad tracks. The special area plan contained in the 2012 Community Plan for the Southwest Area also depicts the extension from Wilcox Road westward aligning with Houchard Road. Figure 2 and Figure 3 reflect the Thoroughfare Plan and Southwest Area Special Area Plan, respectively.



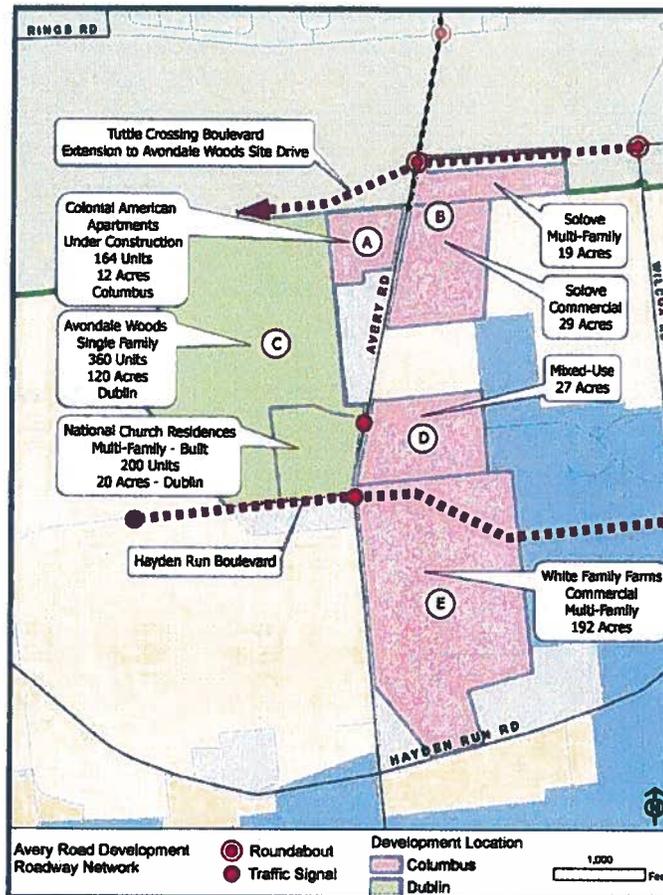
**Figure 2: Thoroughfare Plan from Dublin Community Plan**

Plans for pedestrian and bikeway connections for this area have also been included in recent Dublin Community Plans, as shown in Figure 4. Accordingly, pedestrian and bikeway connections are included in the Tuttle Crossing Boulevard Extension/Avery Road Widening project detailed construction plans. These connections will provide key links for these modes of travel where virtually none exist today. These plans include shared-use paths and bike lanes on Tuttle Crossing Boulevard and Avery Road, as well as installing a shared-used path along the north side of Rings Road, and sidewalk extensions along the south side of Rings Road, as well as Cara Road and Cara Court.



## Developments

Several developments have been proposed recently along Avery Road. There are seven known developments at various stages of review and approval along Avery Road south of Rings Road. Five of the seven developments are in the City of Columbus and two are in the City of Dublin. The site locations are shown in Figure 5.



**Figure 5: Development Summary Map**

All seven sites will add traffic to an already busy two-lane Avery Road. Many of the trips will be destined for I-270 and US 33, leading Dublin and Columbus to consider the timing of infrastructure projects in this area:

- Tuttle Crossing Boulevard Extension/Avery Road Widening: provides additional travel lanes and medians
- Improving the intersections of Avery Road & Rings Road west: provides additional capacity, improved level of service, and improved safety

## Zoning Status

All seven of the proposed sites are at various stages of review and approval. The zoning status, as known today, is summarized for each project starting on page 5 and corresponds to Figure 5.

- A. Colonial American Apartments - Columbus:** The apartment site has been granted approval and is currently under construction. This land use is less intense from a traffic standpoint than the office use presented in the Hayden Run Corridor Plan. This project is in the City of Columbus and is subject to their zoning code. This project fell under the threshold necessary to require a Traffic Impact Study. As such, there was limited coordination with adjacent jurisdictions during the rezoning process. During the site development process, however, the City of Columbus did coordinate with Dublin to ensure that emergency access between Avondale Woods and this site was placed in the best location for both projects. Right and left turn lanes are needed on Avery Road for this project as well.
- B. Solove Commercial and Solove Multi-Family - Columbus:** During the Columbus rezoning process for this proposed development, Columbus worked very closely with Dublin, Hilliard, and Franklin County to cooperatively determine traffic mitigation strategies for this project. Ultimately, Columbus required that this project either make several significant roadway contributions or limit the total amount of development allowed until regional roadway connections and improvements were made. The original proposal included over 300,000 SF of retail space and a 220-unit extended stay hotel. The applicant has not agreed to these conditions, nor pursued development of the overall site. Some further discussions have occurred regarding the 220-unit extended-stay hotel, which would be built in the northern portion of the site, but have not progressed to date. The commitments outlined by Columbus for the larger project are:
- Contribute to extending Tuttle Crossing Boulevard, including dedicating all necessary right-of-way
  - Install a temporary traffic signal at the Avery Road & Rings Road/Cara Road intersection
  - Contribute to enhanced traffic control at the Avery Road & Avondale Woods Boulevard intersection
  - Install a traffic signal, provide through lanes (about 1,100 feet of the 1,727-foot frontage), and dedicated turn lanes at the main site driveway
  - Limit development until regional roadway network is in place:
    - Restrict development to fifteen percent (15%) of proposed total square footage planned, or 63,000 sq. ft., prior to any additions to regional roadway network
    - Restrict development to thirty percent (30%) of proposed total square footage planned, or 126,000 sq. ft., if Tuttle Crossing Boulevard is extended from Wilcox Road to Avery Road.
    - Full development of the twenty-nine acre site (commercial area) will be permitted only upon the completion of Hayden Run Boulevard, from Wilcox Road to Cosgray Road, or the extension of Tuttle Crossing Boulevard, from Wilcox Road to Avery Road, in conjunction with the extension of Hayden Run Boulevard, from Avery Road to Cosgray Road.
- C. Avondale Woods - Dublin:** The Avondale Woods/Homewood site includes a mix of multi-family and single family homes, for a total of 360 units. Dublin staff coordinated the Traffic Impact Study review with Columbus, Hilliard, and Franklin County. Dublin staff has

worked to develop a list of conditions to mitigate traffic impacts for this development, which follow:

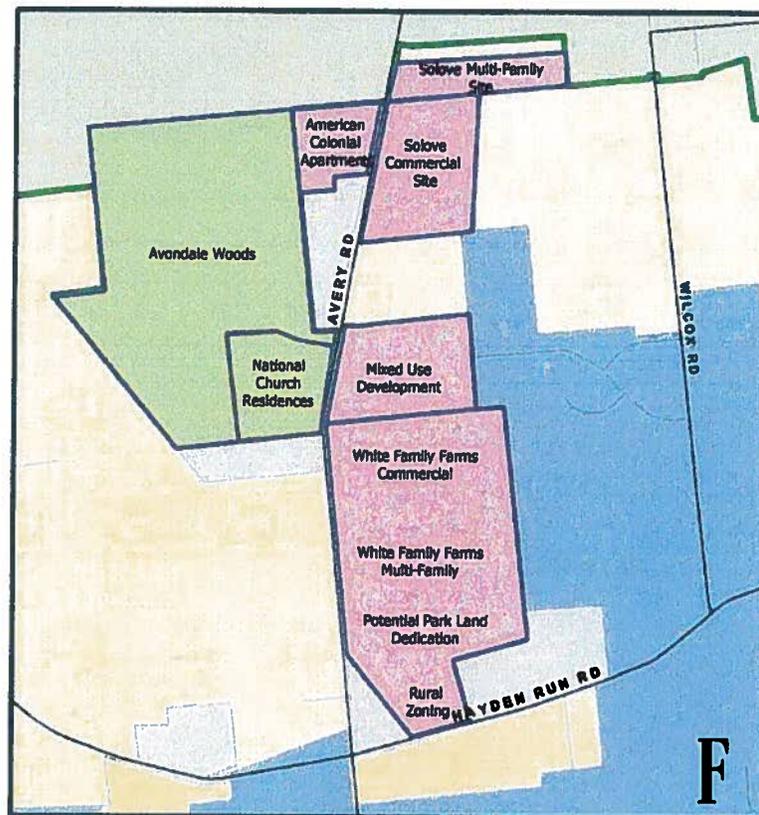
- Restrict development to 126 units until the second access point from the north end of the site to Avery Road is complete.
- Restrict development to 185 units until at least one regional connection is in place between Avery Road and Emerald Parkway/Britton Parkway. Once either Tuttle Crossing Boulevard or Hayden Run Boulevard makes this connection, the cap is lifted.
- The developer is responsible for the connection extending south between the north end of the site and the new alignment of Tuttle Crossing Boulevard.
- Developer responsible to contribute \$55,000 to the Tuttle Crossing Extension project, based on the long-term traffic projections for Tuttle Crossing Boulevard west of Avery Road.
- Developer responsible to install traffic signal at Avery Road and Avondale Woods Boulevard as soon as Columbus allows.
- Developer responsible to contribute \$492,800 to the Avery Road widening in Dublin including the Avery Road roundabouts at Rings Road /Cara Road and Tuttle Crossing Boulevard, and the extension of Tuttle Crossing Boulevard between Wilcox Road and Avery Road.

**D. Columbus Mixed Use - Columbus:** The Columbus mixed use proposal includes about eight (8) acres (about 80,000 SF) of non-regional retail on the west edge of the site along Avery Road, and apartment units on the remaining 20 acres in the eastern portion of the site. It appears that this land use is consistent with the adopted Hayden Run Corridor Plan. Again, Columbus coordinated the Traffic Impact Study review with Dublin, Hilliard, and Franklin County. It is staff's current understanding that this developer is no longer pursuing this project.

**E. White Family Farms - Columbus:** The White Family Farms proposal is in the early stages of project development. It includes about forty-four (44) acres of commercial in the northern portion of the site and about fifty-seven (57) acres of multi-family to the south. Approximately eight (8) acres of park land dedication is being considered to the north of the Hayden Run, and another six (6) acres of rural zoning is requested to the south of the Hayden Run. This proposal appears to be partially consistent with the adopted Hayden Run Plan Corridor Plan. The Plan calls for a community scaled retail center on the proposed commercial portion of the site and a school/recreation center with a large park on what appears to be the multi-family portion of the site. Again, Columbus has engaged Dublin, Hilliard and Franklin County to coordinate the Traffic Impact Study scope and review.

### **Roadway Network**

The current roadway network requires that the seven sites access Avery Road directly. Please see Figure 6 (page 7) for the existing roadway network. This will burden all Avery Road travelers, including Dublin residents, adding delay and congestion, and decreasing safety. Five of the seven development projects have detailed mitigation measures that are necessary for the project to move forward. It is very likely the White Family Farms project will also have several conditions defined, but as the Traffic Impact Study for this project has not yet been submitted, none have been determined to date.

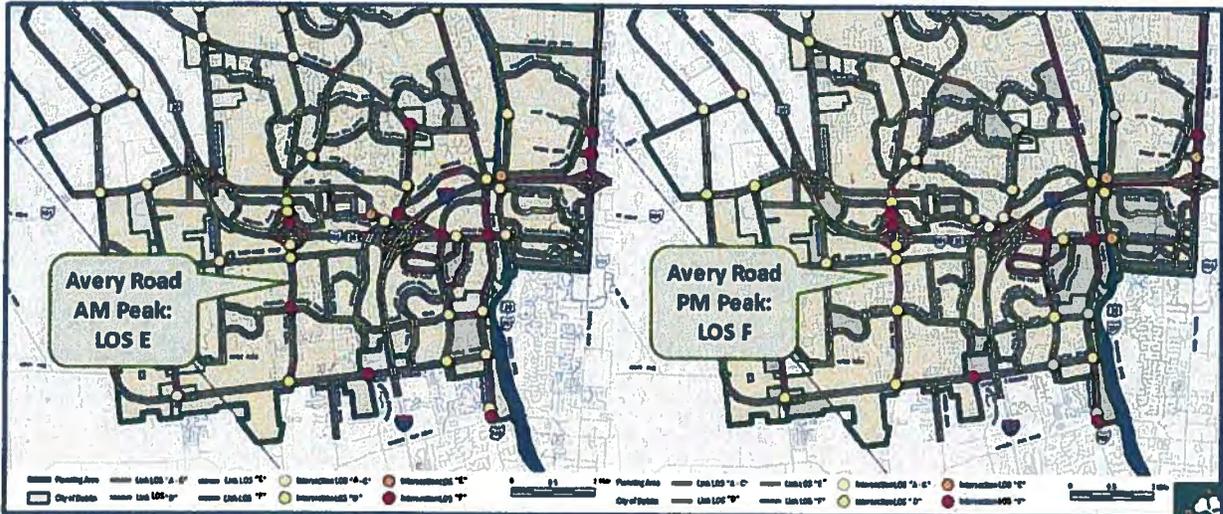


**Figure 6: Existing Roadway Network**

Recent traffic analyses have shown that certain intersections along Avery Road have already reached poor Levels of Service (LOS) based on current traffic volumes. During the PM peak hour, both Rings Road/Cara Road and Cramer's Crossing Drive experience LOS F as drivers wait to enter the Avery Road traffic stream.

As can be seen in Figure 7, Dublin's Community Plan has predicted that by year 2030, the LOS along Avery Road in the AM peak degrades to LOS E, and in the PM peak, the LOS falls even lower to LOS F for much of the length between the future intersection with Tuttle Crossing Boulevard and US 33/SR 161. This stretch of Avery Road serves not only the larger regional traffic, but also directly serves roughly 3,300 households and over 200 commercial properties in the southwest area of Dublin alone. Key destinations are I-270 and US33/SR 161.

As each new development is added in the area, the current and future year LOS for Avery Road, from the southern corporation limit north to US 33/SR 161 continues to degrade. This progressive degradation affects the amount of delay, congestion, and safety Dublin commercial and private residents experience on a daily basis.



**Figure 7: AM and PM Peaks 2030 Levels of Service**

Currently, Columbus's Thoroughfare Plan indicates Avery Road will be widened to a four-lane divided roadway with turn lanes and will require a minimum of 120-foot right-of-way. Work is currently underway at Columbus to re-examine their Thoroughfare Plan. This 2-year long project will not only look at vehicular levels of service, but also include other modes of transportation, such as pedestrians and bikes. The work will determine the appropriate number of lanes for roadways in Columbus and their corresponding right-of-way width, develop appropriate street typologies, meaning what the street should look like, and will include adding provisions in their traffic standards code for pedestrians and bikes.

Columbus plans to study Avery Road to determine if the number of lanes and right-of-way width contained in their current Thoroughfare Plan is appropriate based on future land use expectations. This work will likely be completed with their Thoroughfare Plan update. The preliminary engineering, detailed design and construction phases to improve Avery Road have not been scheduled to date, however, it is included in the Columbus Pay as You Grow initiative.

In addition to Tuttle Crossing Boulevard, another key east-west connector in the area is Hayden Run Boulevard. As shown in Figure 8 (page 11), it will connect Cosgray Road to Britton Parkway when complete, and provide an important route to distribute traffic in the area. Hayden Run Boulevard, or Riggins Road in Hilliard, has already been constructed in various locations in both Columbus and Hilliard. It currently exists from Cosgray Road to just west of the CSX Rail Road in Columbus and from Britton Parkway to Wilcox Road in Hilliard.

Columbus has just finished acquiring right-of-way to construct the piece that will span the CSX Rail Road and connect Avery Road to just west of the rail road. Construction of this final western link is expected in late 2015/early 2016. And lastly, Franklin County, Hilliard, and Columbus are working together to complete the detailed design for the eastern segment of Hayden Run Boulevard connecting Avery Road eastward to Wilcox Road. Construction funding, through various sources including Ohio Public Works Commission (OPWC), is available when detailed drawings are complete.

### **Infrastructure Improvements**

As mentioned on pages 5 and 6, there are several infrastructure improvements that have been identified, by either related conditions placed on the various development projects, or through agencies implementing long-range plans. These improvements are shown on Figure 8 (page 10). The list below highlights these (in Dublin and Columbus):

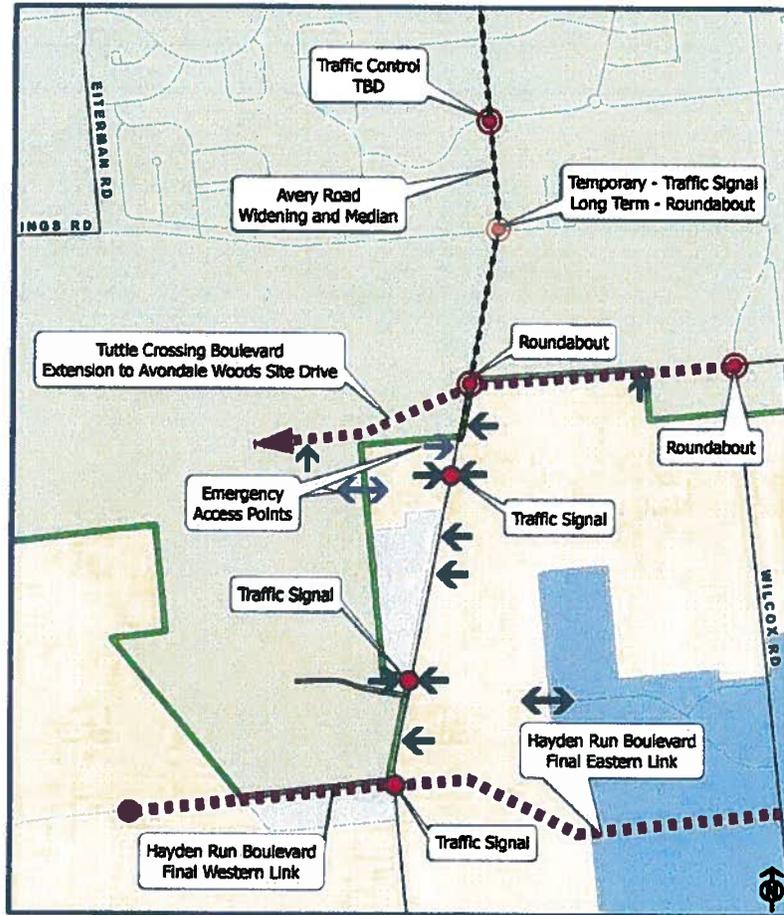
- A traffic signal is proposed at the site driveway for the Colonial American Apartments to the west that would align with one of the site driveways for the Solove commercial site to the east. This signal is warranted with the Solove commercial site project and would be installed if this project moves forward.
- Secondary access for fire to Avery Road will be constructed with the Colonial American Apartments. They will also provide a temporary emergency vehicle access along their west property line to the Avondale Woods/Homewood site.
- A traffic signal will be installed at Avondale Woods Boulevard by Homewood when permitted by Columbus.
- A temporary traffic signal will be installed at the Avery Road & Rings Road/Cara Road intersection if the Solove commercial site project moves forward.
- A traffic signal and dedicated left turn lanes will be installed at the main site drive and the Avery Road pavement will be widened to construct approximately 1,100 feet of through lanes (about 1,100 feet of the 1,727-foot frontage) if the Solove commercial site project moves forward.
- The final western link of Hayden Run Boulevard, west of the CSX Rail Road to Avery Road, including the grade separated railroad crossing, is expected to go to construction in late 2015/early 2016.
- The final eastern link of Hayden Run Boulevard, between Avery Road and Wilcox Road, is expected to go to construction once detailed drawings are complete.
- The extension of Tuttle Crossing Boulevard is currently under design and right-of-way acquisition is expected to begin in 2015. Construction funding in the Capital Improvements Program (CIP) has not been programmed to date.
- The Avery Road Widening project is also currently under design in conjunction with the Tuttle Crossing Boulevard Extension project. Acquisition for this project is also expected to begin in 2015. Construction funding in the CIP has not been programmed to date.

### **Funding**

The construction cost of the Tuttle Crossing Boulevard Extension/Avery Road Widening project is estimated to be \$11 million. Because this project does serve not only Dublin residents, but also the larger region, staff is applying for \$7 million for construction through the MORPC Attributable Funding program. This is so Dublin isn't solely responsible for the construction cost, but is shared across the region, for this important roadway link.

If the application is successful, at the earliest, funds would not be available until State Fiscal Year 2019, which begins July 1, 2018. Staff anticipates requesting a resolution of support be considered for the MORPC Attributable Funding application at the September 22 City Council meeting, which would need to be submitted to MORPC no later than October 14, 2014.

Ohio Public Works Commission (OPWC) funding will also be sought for this project. Successful grants for this funding typically range from \$500,000-\$2,000,000 and the application will be due September 15, 2014.



**Figure 8: Roadway Network and Site Access Map**

**Recommendation**

Staff is providing this memo for information only as requested by City Council.



City of Dublin

Office of the City Manager  
5200 Emerald Parkway • Dublin, OH 43017-1090  
Phone: 614-410-4400 • Fax: 614-410-4490

# Memo

**To:** Members of Dublin City Council  
**From:** Marsha I. Grigsby, City Manager *MLG*  
**Date:** August 7, 2014  
**Initiated By:** Paul A. Hammersmith, PE, Director of Engineering/City Engineer  
Jean-Ellen M. Willis, PE, Engineering Manager – Transportation  
**Re:** Tuttle Crossing Boulevard Extension and Avery Road Widening Project Funding Introduction

## Background

The Tuttle Crossing Boulevard extension, from Wilcox Road to Avery Road, and Avery Road widening, from Dublin's southern corporation limit to the Rings Road west intersection is a project important to both Dublin and the region. Included in the City's Community Plan, the Tuttle Crossing Boulevard Extension project provides a much needed east-west link in the City's transportation system, as well as dedicated bike and pedestrian ways along both Avery Road and Tuttle Crossing Boulevard. It builds on the improvements constructed along Tuttle Crossing Boulevard, between Wilcox Road and Emerald Parkway, in 2007.

The character of Avery Road and Tuttle Crossing Boulevard will be similar to Emerald Parkway, inclusive of all transportation modes. Each corridor will provide two travel lanes and a bike lane in each direction, divided by a median. A shared-used path is also included along the north side of Rings Road, as well as sidewalk extensions along the south side of Rings Road, as well as Cara Road and Cara Court. Water and sanitary sewer are also extended along Tuttle Crossing Boulevard, Rings Road west, Cara Road and Cara Court.

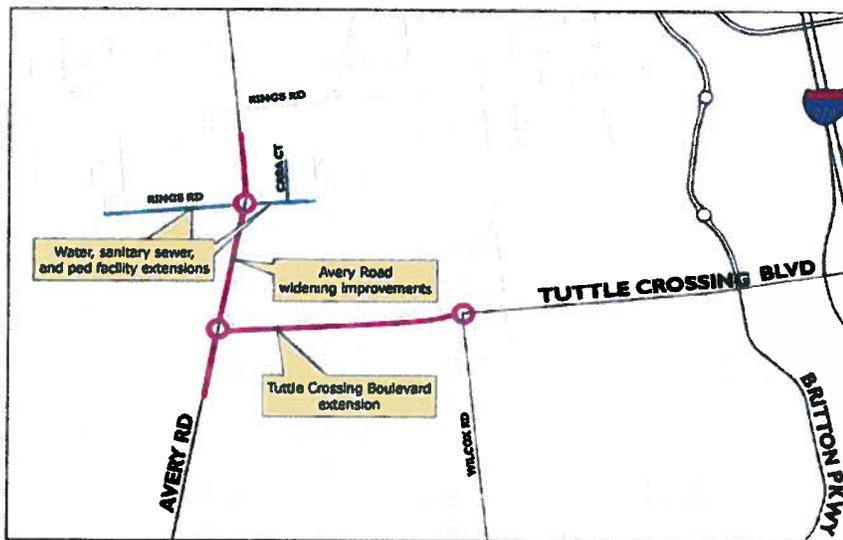


Figure 1. Avery Road widening and Tuttle Crossing Boulevard Extension project area

Providing direct access to the interstate system and increasing capacity on Avery Road will improve driving conditions in the southwest portion of the City and neighboring portions of the region (see Figure 1 on page 1).

Residents and employees in Dublin, Hilliard, Columbus, Franklin County and other areas of the region will benefit from this project. For the region, it provides a more direct route to and from the freeway system and creates new routes for bikes and pedestrians. Emergency response times and routes for fire, emergency services, and police will also be improved by providing additional capacity on Avery Road and a new connection to Tuttle Crossing Boulevard.

Dublin residents currently experience long delays on the side streets entering Avery Road at Rings Road/Cara Road or entering Tuttle Crossing Boulevard at Wilcox Road from the north. Without improvements, conditions at these local intersections will continue to degrade. The Tuttle Crossing Boulevard and Wilcox Road intersection will be converted from a stop controlled T-intersection to a four approach roundabout with this project. Roundabouts will also be installed along Avery Road at the intersections with Rings Road west and with Tuttle Crossing Boulevard extended, improving the safety and efficiency of this corridor.

The construction cost of this project is estimated to be \$11 million. To share the costs across the region, staff will apply for \$7 million for construction through the MORPC Attributable Funding program. If the application is successful, funds would most likely not be available until State Fiscal Year 2019. Staff anticipates requesting a resolution of support be considered for the MORPC Attributable Funding application at the August 25 City Council meeting. OPWC funding will also be sought for this project. Successful grants for this funding typically range from \$500,000-\$2,000,000.

### **Recommendation**

Information only.