

**THE DAYTON REGION PRIORITY DEVELOPMENT & ADVOCACY COMMITTEE
PROJECT PRIORITY PROCESS FOR FISCAL YEAR 2021**

**Supplemental Project Information for:
I-675/Grange Hall Road Interchange Modification Project**

1. City of Beavercreek Leadership Information:

Mayor Bob Stone
Vice Mayor Joanna Garcia
Council Member Charles Curran
Council Member Melissa Litteral
Council Member Ryan Rushing
Council Member Zach Upton
Council Member Julie Vann

City Manager Pete Landrum
1368 Research Park Drive
Beavercreek, OH 45432-2818
(937) 427-5510

2. Detailed Project Description:

This project involves the modification of the I-675/Grange Hall Road interchange to modify the interchange from a partial interchange to a full interchange. This will include adding a new southbound on-ramp and northbound off-ramp to/from I-675. Because of the gate realignments on WPAFB and congestion and safety issues on the local roadways and interstate from employees trying to arrive and leave from WPAFB, as well as Wright State University, Soin Medical Center, and other surrounding businesses in this regional business center, access to and from these facilities needs to be improved. These improvements would include adding the missing movements and modifying the interchange to also include moving the ramp intersection further north of Pentagon Blvd. to improve operation at this intersection, improve access to Soin Medical Center on Pentagon Blvd., and improve operation of the National Road at Col. Glenn Highway intersection by providing a right turn to the ramp to go to WPAFB instead of going through the Col. Glenn Highway intersection as they currently do. This will also include other updates of the regional roadway system to meet these new traffic patterns.

Some minor temporary and permanent right-of-way is anticipated with this project as a result of the completion of the interchange into a full interchange.

3. A description of how this project will create jobs and other community benefits.

The purpose of the I-675/Grange Hall Interchange project is to improve travel efficiency and safety as well as better access to the two current major regional business/employee centers of WPAFB and Wright State University along with the current development and Soin Medical Center on Pentagon Blvd in the project area. This project will modify the I-675/Grange Hall interchange to a full interchange that considers impacts on local businesses and the surrounding community to the degree consistent with the travel efficiency, system linkage goals, fiscal responsibility, and safety.

Travel efficiency is the predominant transportation issue in the project area. Due to the realignment of WPAFB gates in order to comply with Federal law, travel patterns have changed in the area to access these gates. This has created capacity issues and safety issues for the surrounding roadways like Colonel Glen Highway, Grange Hall/National Road, and North Fairfield Road. These roadways currently have sections in the project area are operating at or close to capacity, especially during peak hours, with Level of Services for the congested areas ranging from D to F. This will only become worse as the area surrounding the interchange continues to develop with office, new educational facilities, commercial/industrial, and expansions to Soin Medical Center.

Safety is one of the problems noted in the area at or directly adjacent to the I-675/Grange Hall Interchange. Surrounding intersections and segments on Grange Hall Road and Colonel Glen Highway currently rank as medium to high crash rate areas, according to MVRPC's Regional High Crash Locations map. As stated previously, these crashes will continue to occur and increase as demand on the transportation system is increased because of the gate realignment on WPAFB and the current and new development surrounding the interchange.

System linkage is another goal for the community with this project. This project will connect the business centers on both sides of I-675. It will also provide for alternative transportation modes of traffic through the interchange on Grange Hall Road by connecting sidewalks/bikeways surrounding the interchange.

4. The impact if funding is not provided:

The project is currently unfunded. A Conceptual Alternatives Study (CAS) and Interchange Modification Study (IMS) are needed to begin the project. Since the surrounding area is rapidly developing, this project needs to be started with a CAS and IMS to ensure that the transportation network is upgraded accordingly with the surrounding development. Without the requested funding, the preliminary work for this project cannot begin or be completed. This preliminary work needs to be completed before this project can receive serious consideration

for environmental documentation, detailed project design, right-of-way acquisition, and construction funding.

5. A list of the project partners, sponsors, and supporters:

Attached are letters of support from the following project supporters/partners:

A. The City of Beavercreek

6. Additional project contacts:

Below is a list of contacts for the proposed project that can be contacted for more information on the project:

A. Mike Thonnerieux, City of Beavercreek PASD
Thonnerieux@beavercreekohio.gov
(937) 427-5540

B. Jeff Moorman, PE, City of Beavercreek City Engineer
Moorman@beavercreekohio.gov
(937) 427-5513

C. Nick Smith, PE, CPMSM, City of Beavercreek Assistant City Engineer
Smith@beavercreekohio.gov
(937) 427-5513

STATE OF OHIO

SS:

**COPY
CERTIFICATION**

COUNTY OF GREENE

On this 29th day of October, 2019, I, Dianne Miscisin, certify 2 pages a true, exact, complete and unaltered photocopy made by me of Resolution 19-63 presented to me by the document's custodian, Dianne Miscisin and has been compared with the original document. EACH PAGE HAS BEEN EMBOSSED WITH MY OFFICIAL SEAL.

Dianne Miscisin

CITY OF BEAVERCREEK

RESOLUTION NO. 19-63

SPONSORED BY COUNCIL MEMBER LITTERAL ON THE 28TH DAY OF OCTOBER, 2019.

A RESOLUTION TO AUTHORIZE THE SUBMITTAL OF THE GRANGE HALL ROAD AT I-675 INTERCHANGE PROJECT AND MIAMI VALLEY RESEARCH PARK INFRASTRUCTURE IMPROVEMENTS FOR PRIORITIZATION THROUGH THE DAYTON REGIONAL PRIORITY DEVELOPMENT AND ADVOCACY COMMITTEE (PDAC).

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF BEAVERCREEK, OHIO, THAT:

SECTION I.

This Resolution shall serve to authorize the transmittal and submittal of an application, questionnaires and other project information for consideration of sponsorship in a regional initiative to obtain Federal Earmark funding. The application authorized by this Resolution shall be for the Grange Hall Road at I-675 Interchange Project and the Miami Valley Research Park Infrastructure Improvements as further identified in the applications/questionnaires submitted on behalf of the City of Beavercreek (the "City").

SECTION II.

The City Manager is hereby authorized to sign on behalf of the City the applications for prioritization as referred to in Section I of this Resolution.

SECTION III.

The City Manager is hereby directed and authorized to take or cause to be taken all other action necessary and proper to secure the funding sought by the applications referred to herein, and provide any additional information sought by reviewing agencies during the time these applications are under review. The City Manager is further directed and authorized to cause compliance with all reporting requirements of the Dayton Regional Priority Development and Advocacy Committee (PDAC) or any committees thereof, and as required as part of the prioritization process.

SECTION IV.

Upon application approval, the City hereby states its support for these projects to be funded by the State of Ohio and the Federal Highway Administration.

SECTION V.

It is hereby found and determined that all formal actions of this Council concerning and relating to the adoption of this Resolution were adopted in an open meeting of this Council, and that any and all deliberations of this Council and any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements, including, but not limited to Section 121.22 of the Ohio Revised Code.

SECTION VI.

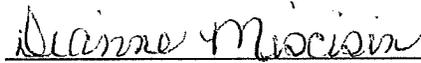
This Resolution shall become effective immediately upon its passage.

THIS RESOLUTION IS ADOPTED BY THE Council of the City of Beavercreek, Ohio this 28th day of October, 2019.



Bob Stone, Mayor

ATTEST:



Dianne Miscisin, Clerk of Council

**THE DAYTON REGION PRIORITY DEVELOPMENT & ADVOCACY COMMITTEE
PROJECT PRIORITY PROCESS FOR FISCAL YEAR 2021**

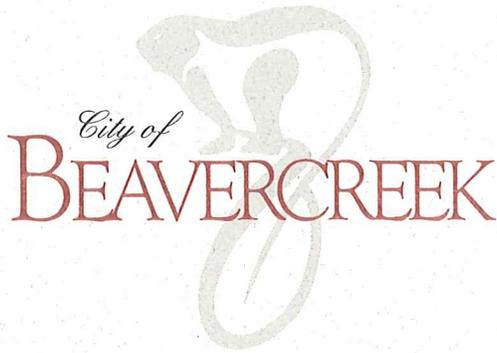
I-675/Grange Hall Road Interchange Modification Project

The proposed project budget:

Project Funding					
Project Phase	Fiscal Year (YYYY)	Previous Federal Funding (Millions)	Requested Funding (Millions)	Currently Unfunded (Millions)	Total (Millions)
Planning Study (PS)	2021	\$0.000	\$0.500	\$0.000	\$0.500
Environmental Doc. (NEPA)	2023	\$0.000	\$0.000	\$0.150	\$0.150
Detailed Design (DD)	2025	\$0.000	\$0.000	\$1.500	\$1.500
Right-of-Way /Utilities (RW)	2026	\$0.000	\$0.000	\$1.000	\$1.000
Construction (CO)	2028	\$0.000	\$0.000	\$15.500	\$15.500
Total		\$0.000	\$0.500	\$18.150	\$18.650







November 1, 2019

Miami Valley Regional Planning Commission
10 N. Ludlow St
Suite 700
Dayton, OH 45402

Attn: Brian Martin, AICP
Executive Director

Re: I-675/Grange Hall Road Interchange Modification Project

Dear Mr. Martin:

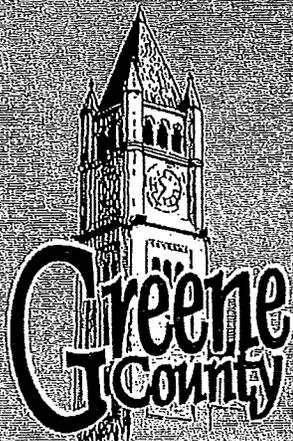
The purpose of this letter is to express the City of Beavercreek's support for the proposed modification to the I-675/Grange Hall Road Interchange to make this a full interchange.

As you know, this interchange is a partial interchange with only a southbound off-ramp and a northbound on-ramp to I-675. With the new development along Pentagon Blvd, including Soin Medical Center, and the realigning of WPAFB gates for security on the base, more congestion is happening on the existing roadways causing safety and travel efficiency issues. The completion of this project will provide for a safer, less congested, and better linked system that will continue to be an attractive and effective route for economic development that will greatly benefit our region. The benefits of this project will likely extend beyond our region due to the state wide and national importance of I-675 in moving freight and people across the region to other national Interstate Routes.

We thank you for your consideration and support of this important project.

Sincerely,

Pete Landrum
City Manager



**Board of
Commissioners**

Alan G. Anderson
Robert J. Glaser, Jr.
Tom Koogler

35 Greene Street
Xenia, Ohio 45385-3101

Phone: (937) 562-5006
Fax: (937) 562-5331
Administrator: (937) 562-5002
Clerk: (937) 562-5165
www.co.greene.oh.us

November 10, 2015

Priority Development and Advocacy Committee
c/o Dayton Development Coalition
40 N. Main Street, Suite 900
Dayton, Ohio 45423

Re: Grange Hall Road at I-675 Interchange

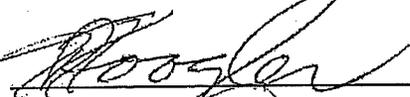
Dear Priority Development and Advocacy Committee,

We would like to provide support for funding of the ODOT-required studies for the Grange Hall Road at I-675 Interchange project. This project would provide an efficient movement of traffic, including the improvement of access from I-675 to Wright-Patterson Air Force Base as well as Soin Medical Center and the numerous defense contractor offices along Pentagon Boulevard. In addition, this project would improve the operations of two major intersections – Grange Hall Road at Pentagon Boulevard and National Road at Colonel Glenn Highway.

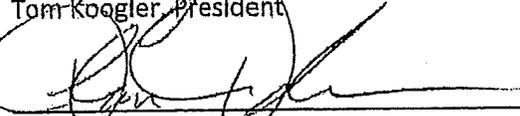
We feel this project will ultimately improve the flow of traffic in this bustling area, and provide greater safety for our both residents and visitors of Greene County.

Sincerely,

The Greene County Board of Commissioners



Tom Koogler, President



Alan G. Anderson, Vice President



Robert J. Glaser



November 9, 2017

Priority Development and Advocacy Committee
c/o Dayton Development Coalition
40 North Main Street, Suite 900
Dayton, OH 45423

Re: Grange Hall Road at I-675 Interchange

Dear Priority Development and Advocacy Committee:

The purpose of this letter is to convey the strong support that Clark State Community College has for the funding of the ODOT-required studies for the Grange Hall Road and I-675 interchange project.

Clark State Community College is located within this vicinity and has made substantial investment in our Greene Center Campus with over 120 employees and 1500 students within the immediate area of the Grange Hall Road and I-675 interchange. We feel that the conversion of the existing half interchange to a full access interchange would greatly improve the flow of traffic and provide greater safety for residents, employees and students in this area. We are convinced this project would improve access to and from WPAFB and the many defense contractor offices along Pentagon Boulevard, while also improving access to Clark State, Soin Medical Center, the Mall at Fairfield Commons, and the many other businesses and restaurants located in this economic hub for the region.

Clark State Community College hopes that you will accept this letter of support for this needed improvement. We passionately believe it will ease congestion in this growing area and improve the operations of the intersections of both of both Grange Hall Road at Pentagon Boulevard and National Road at Colonel Glenn Highway, as well as the adjacent interchange at I-675 and North Fairfield Road.

Sincerely,

A handwritten signature in black ink, appearing to read "Jo Alice Blondin".

Jo Alice Blondin, Ph.D.
President



November 7, 2017

Priority Development and Advocacy Committee
c/o Dayton Development Coalition
40 North Main Street, Suite 900
Dayton, OH 45423

Re: Grange Hall Road at I-675 Interchange

Dear Priority Development and Advocacy Committee,

The purpose of this letter is to convey the strong support that our company, Synergy Building Systems, has for the funding of the ODOT-required studies for the Grange Hall Road and I-675 interchange project.

Synergy Building Systems is located within this vicinity and has invested \$250 million in real estate development within the immediate area of the Grange Hall Road and I-675 interchange. We feel that the conversion of the existing half interchange to a full access interchange would greatly improve the flow of traffic and provide greater safety for residents and employees in this area. We are convinced this project would improve access to and from WPAFB and the many defense contractor offices along Pentagon Boulevard, while also improving access to Soin Medical Center, the Mall at Fairfield Commons, and the many other businesses and restaurants located in this economic hub for the region.

Synergy hopes that you will accept this letter of support for this needed improvement. We passionately believe it will ease congestion in this growing area and improve the operations of the intersections of both of both Grange Hall Road at Pentagon Boulevard and National Road at Colonel Glenn Highway, as well as the adjacent interchange at I-675 and N. Fairfield Road.

Sincerely,

A handwritten signature in black ink, appearing to read "Jerad Barnett", is written over the typed name and title.

Jerad Barnett
President/CEO
Synergy Building Systems, Inc.

3500 Pentagon Blvd., Suite 500, Beavercreek, OH 45431
Phone: 937-429-3143



**Miami Valley Regional Planning Commission
PDAC Process Project Evaluation System
Roadway Project**

MVRPC

Project Name: I-675/Grange Hall Rd Interchange Project

REGIONAL CONTEXT/COOPERATION

1. Regional Scope: Is the project a “regionally significant project?” See Attachment A.

Yes (4 points) No (0 point)

2. Regional Cooperation: Is the project based on multi-jurisdictional cooperation efforts such as joint application or funding?

Yes, 3 or more jurisdictions/organizations (4 points) Yes, 2 jurisdictions/organizations (2 points) No (0 point)

3. Enhance Transportation System: Points are awarded based on the facility’s functional classification. If the project is new construction, please score according to the proposed functional classification. See Attachment B.

Interstate (5 points) Arterial (3 points) Local (1 point)
 Expressway (4 points) Collector (2 points) NA

4. Regional Transportation Network Connectivity: Does the project complete, contribute to the completion of, or upgrade the function of the regional transportation network? See Attachment B.

Yes (2 points) No (0 point)

If needed, please provide additional project information that supports points awarded under REGIONAL CONTEXT/COOPERATION

2. This project involves roadways and bridges under the jurisdiction of the City of Beavercreek and the Ohio Department of Transportation.
4. The project will upgrade the function of the regional transportation network, as well as access to and from the regional transportation network, especially with the realigning of Wright-Patterson Air Force Base gates and Wright State University along Col. Glenn Highway adjacent to the project.

TRANSPORTATION CHOICES

5. Complete Streets: Does the project help complete the transportation network by improving access for people with disabilities, transit users, pedestrians, or cyclists? (Fill all that apply. Maximum total is 3 points and explanation is required to receive points) See Attachment A.

For the purpose of scoring projects for the PDAC process all projects will be awarded 3 points under the Complete Streets criterion. The PDAC application process does not include all the necessary information (detailed costs, plans) to adequately determine compliance with MVRPC's Complete Streets Policy. Further, the source of funds for these projects is undetermined. If a project is later funded with regionally controlled STP or CMAQ funds, the project would need to comply with the MVRPC Complete Streets Policy.

X NA (3 points)

6. Inter-modal Connectivity: Does the project create, improve, or enhance connectivity among different transportation modes? See Attachment A and B.

X Yes Significant(3 points)

Yes Moderate (1 point)

No (0 Point)

If needed, please provide additional project information that supports points awarded under TRANSPORTATION CHOICES

5&6. Sidewalks and/or bikeways will be incorporated along Grange Hall Road thru the interchange to connect to existing sidewalks/bikeways both north and south of the interchange. This will improve the connectivity for pedestrians and bicyclists using the regional network within the City of Beavercreek and beyond by connecting to these facilities.

6. The project will improve the truck route of I-675 by providing connectivity for northbound and southbound truck traffic to access local routes and regional business/employment centers to deliver goods and services to these as well as the community as a whole.

ECONOMIC DEVELOPMENT

16. Public-Private Partnership: Does the project include a public-private partnership such as joint funding, right-of-way donations, or a working relationship? (Explanation is required to receive points)

___ Yes (2 points)

X Potential (1 point)

___ No (0 Point)

17. Economic Impact: How much of an economic impact does the project have? Does the project contribute directly to the economic benefits such as creation of new jobs, retention of existing jobs, or improve access to employment centers? Please select all that apply. (Maximum total is 8 points and documentation is required to receive points)

Job Creation

___ More than 200 jobs (3 points)

___ More than 200 jobs (3 points)

X 100 to 200 jobs (2 points)

X 100 to 200 jobs (2 points)

___ 50 to 100 jobs (1 point)

___ 50 to 100 jobs (1 point)

___ No job creation (0 point)

___ No job retention (0 point)

Employment Center Accessibility

X Improve access to/from regional business and employment centers (2 points)

___ No access improvement (0 point)

If needed, please provide additional project information that supports points awarded under ECONOMIC DEVELOPMENT

16. The project has the potential to provide public-private partnerships because of the benefits received like better access, decreased commute times through decreased delay, and alternative transportation to the regional business/employment centers surrounding the interchange. These centers are Wright-Patterson Air Force Base, Wright State University, Soin Medical Center, and the Mall at Fairfield Commons.

17. I-675/Grange Hall Road is a major truck route into and out of the Dayton area. Two major regional business centers, Wright-Patterson Air Force Base and Wright State University, as well as Soin Medical Center and the Mall at Fairfield Commons are adjacent or just beyond the project area. The project will provide improved access to/from these areas by providing full movements to/from I-675 and Grange Hall Road.

ENVIRONMENT

18. Air Quality: Does the project improve air quality? Project will receive points if addressing a problem at a location with a Level of Service (LOS) of D-F and/or based on eligibility for CMAQ funding. (Maximum total is 5 points)

Level of Service *See Attachment B.*

CMAQ Eligibility *See Attachment A.*

LOS F (3 points) ___ LOS C, B, or A (0 point)

___ Yes (2 points)

___ LOS E (2 points) ___ NA

No (0 point)

___ LOS D (1 point)

___ NA

19. Environmental enhancement: Does the project improve an environmentally sensitive area? (Explanation is required to receive points)
See Attachment A.

___ Yes (2 points)

No (0 point)

___ NA

20. Attractiveness: Does the project include beautification or aesthetic improvement components? (Explanation is required to receive points)

Yes (2 points)

___ No (0 point)

If needed, please provide additional project information that supports points awarded under ENVIRONMENT

18. Mapping available through MVRPC shows the I-675/Grange Hall Road interchange to have a Level of Service of F.

20. Enhancements will be incorporated into the project design.

PROJECT READINESS

21. Preliminary/Feasibility Study Status

___ Preliminary/Feasibility study is completed/Not needed (2 points) ___ Preliminary/Feasibility study is underway (1 point)

22. Major Investment Study (MIS) Status

MIS is completed/Not needed (2 points) ___ MIS is underway (1 point)

23. Environmental Study Status

___ Environmental study is completed/Not needed (3 points) ___ Environmental study is underway (1 point)

24. Funding Plan: Does the project have a formal funding plan at this time? Please select all that apply. (Maximum total is 2 points)

___ Environmental study is funded (1 point) ___ Design cost is funded (1 point)

25. Detailed Design Status

___ Detailed Design is completed (4 points) ___ Detailed design is underway (2 point)

26. Right-of-Way Status

___ Right-of-Way is fully acquired/Not needed (2 points)

___ 100% of the acquisition cost is currently committed (2 points)

___ More than 50% but less than 100% of the acquisition cost is currently committed (1 point)

Less than 50% of the acquisition cost is currently committed (0 point)

27. Construction Funding: Has the construction cost been supplemented by the project sponsor?

___ 60.01% to 100% (5 points)

___ 50.01% to 60% (4 points)

___ 40.01% to 50% (3 points)

___ 30.01% to 40% (2 points)

___ 20.01% to 30% (1 point)

0.01% to 20% (0 point)

*If needed, please provide additional project information that supports points awarded under **PROJECT READINESS***

PROJECT EVALUATION SYSTEM SCORE SUMMARY

Total Score from Questions 1 – 20..... 56

Total Score from Questions 21 –27..... 2 x 1.5 = 3

GRAND TOTAL 59