Modern Roundabouts of Franklin County, Ohio

Showing the Locations of Current and Proposed Roundabouts in the Franklin County Area

What makes a
Modern Roundabout?

There are certain characteristics that all modern roundabouts must have, some of these make this type of circular intersection unique:

- Raised splitter island
- Deflected entry
- Visible entry bar
- Yield on entry, vehicles inside roundabout have the right-of-way
- Raised central island, may have truck apron
- Circulate counterclockwise to the right of the central island
- No parking within roundabout

Demorest Road and Alkire Road Intersection at Night

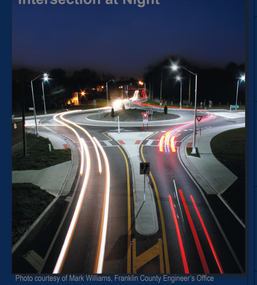

Photo courtesy of Mark Williams, Franklin County Engineer's Office

Safety

Modern roundabouts have proven to reduce the frequency of fatal crashes. By slowing the speed of traffic at these intersections and minimizing the chances of "T-bone" collisions, the intersections become safer. Driver attention and knowledge of roundabouts will further reduce the frequency of minor crashes. They can also operate as normal during a power outage.

Efficiency

Left turns at traditional all-way stop control or traffic signals increase wait times and queue lengths. Traffic lights can also lessen efficiency of travel when the volume of traffic is under capacity. Intersections that are modern roundabouts save travelers time, decrease fuel consumption and have a lower cost of maintenance.

Innovation

Safety, efficiency, environment, aesthetics. Modern innovations applied to intersection construction have led to a better transportation system. To learn more about how to drive a roundabout, visit us at: www.franklincountyengineer.org

Drive Safe and Know Before You Go!

How to Drive a Roundabout

Modern Roundabouts of Franklin County, Ohio and Surrounding Areas

Slow down. Read the signs. Yield when you enter. These are a few easy messages to remember when navigating your vehicle around a modern roundabout. Perhaps you are comfortable traveling through one of the roundabouts in Franklin County. However, for those who are apprehensive, I assure you that roundabouts provide a lasting benefit and value to our county in many ways. First, and most importantly, roundabouts save lives when compared to traditional intersections. Second, roundabouts provide a more efficient traffic flow. Finally, roundabouts are less costly to maintain and more aesthetically pleasing. As our population increases, so does the demand on our transportation system. This requires more efficient traffic engineering designs. To learn more about modern roundabouts, please visit our website at:

www.franklincountyengineer.org

Drive Safe and Know Before You Go!

Cornell R. Robertson, P.E., P.S.
Franklin County Engineer

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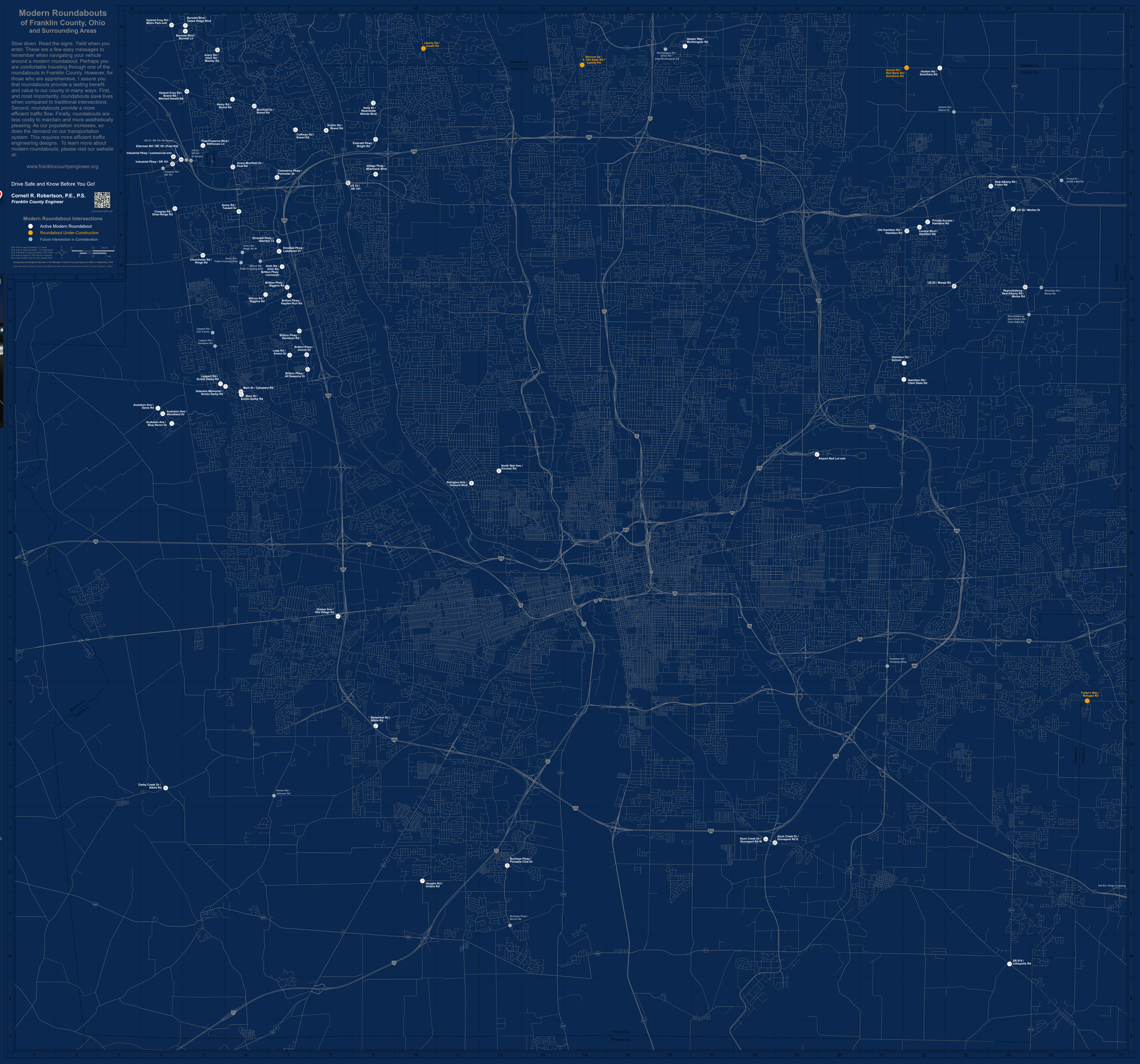
Modern Roundabout Intersections

- Active Modern Roundabout
- Roundabout Under-Construction
- Future Intersection in Consideration

One inch is approximately 0.7 miles
One mile is approximately 1.61 kilometers
One kilometer is approximately 0.62 miles
One mile is equal to 700 house numbers
One mile driven gets a crew square one

Cartography by Benjamin McCrave • Gis Manager, Franklin County Engineer's Office • September, 2018

Base data from Franklin County area LBRS and other records housed at the Franklin County Engineer's Office



Roundabouts Currently Open in Central Ohio

Intersection	Community	Year Open	Lanes	Grid
SR 674 / Lithopolis Rd	Canal W / Lith	2014	Single	W-24
Central Blvd / Hamilton Rd	Columbus	2016	Multilane	F-22
Emerald Pkwy / Lakehurst Ct	Columbus	2013	Multilane	F-07
New Albany Rd / Fodor Rd	Columbus	2013	Single	E-24
Old Hamilton Rd / Hamilton Rd	Columbus	2016	Multilane	F-22
Private Access / Hamilton Rd	Columbus	2016	Multilane	F-22
Stonow Dr / S. Old State Rd	Columbus	2018	Multilane	K-22
Avery Rd / Brand Rd	Dublin	2017	Multilane	C-06
Avery Rd / Glick Rd / Manley Rd	Dublin	2005	Single	B-05
Avery Rd / Tussell Dr	Dublin	2007	Multilane	E-06
Avery-Muirfield Dr / Post Rd	Dublin	2006	Multilane	D-06
Baronet Blvd / Burnett Ln	Dublin	2009	Single	A-05
Baronet Blvd / Tartan Ridge Blvd	Dublin	2009	Single	A-05
Churchman Rd / Rings Rd	Dublin	2016	Single	F-05
Coffman Rd / Brand Rd	Dublin	2014	Single	D-07
Commerce Pkwy / Perimeter Dr	Dublin	2011	Multilane	E-07
Cosgray Rd / Shier-Rings Rd	Dublin	2020	Single	E-08
Dublin Rd / Brand Rd	Dublin	2013	Multilane	C-06
Eiterman Rd / SR 161 (Post Rd)	Dublin	2015	Single	D-04
Emerald Pkwy / Bright Rd	Dublin	2014	Multilane	D-08
Emerald Pkwy / Glendon Ct	Dublin	2013	Multilane	F-07
Hirth Rd / Hirth Rd-Britton Pkwy connector	Dublin	2008	Single	G-07
Hyland-Croy Rd / Brand Rd / Mitchell-Dewitt Rd	Dublin	2013	Single	C-05
Hyland-Croy Rd / Metro Park entr	Dublin	2006	Single	A-04
Industrial Pkwy / commercial entr	Dublin	2011	Single	D-04
Industrial Pkwy / SR 161	Dublin	2011	Single	D-04
Kelly Dr / Wyndcrofts Woods Blvd	Dublin	2015	Single	C-09
Muirfield Dr / Brand Rd	Dublin	2008	Multilane	C-06
Post-Preserve Blvd / Stillhouse Ln	Dublin	2009	Multilane	D-05
US 33 / SR 161	Dublin	2016	Multilane	E-09
Village Pkwy / Shamrock Blvd	Dublin	2007	Single	E-09
Hamilton Rd / Clark State Rd	Fra Co / Gahanna	2017	Multilane	I-23
Hamilton Rd / School	Fra Co / Gahanna	2017	Multilane	I-22
Darby Creek Dr / Alkire Rd	Franklin Co.	2017	Single	S-04
Demorest Rd / Alkire Rd	Franklin Co.	2016	Single	R-09
Grener Ave / Old Village Rd	Franklin Co.	2012	Single	O-08
Harlem Rd / Smothers Rd	Franklin Co.	2014	Single	B-22
Reynoldsburg - New Albany Rd / Morse Rd	Franklin Co.	2010	Multilane	G-24
Stonow / Morse Rd	Franklin Co.	2020	Multilane	G-23
Alum Creek Dr / Pinnacle Club Dr	Grove City	2021	Multilane	U-17
Haughn Rd / Orders Rd	Grove City	2015	Single	U-16
Audubon Ave / Blue Heron Dr	Hilliard	2019	Single	J-04
Audubon Ave / Davis Rd	Hilliard	2018	Single	J-04
Audubon Ave / Woodland Dr	Hilliard	2019	Single	J-04
Britton Pkwy / All Seasons Dr	Hilliard	2013	Multilane	I-07
Britton Pkwy / Anson Dr	Hilliard	2009	Multilane	I-07
Britton Pkwy / Davidson Rd	Hilliard	2008	Multilane	H-07
Britton Pkwy / Hayden Run Rd	Hilliard	2008	Multilane	G-07
Britton Pkwy / Riggins Rd	Hilliard	2006	Multilane	G-07
Leap Rd / Anson Dr	Hilliard	2009	Single	I-07
Leppert Rd / Scioto Darby Rd	Hilliard	2018	Multilane	I-05
Main St / Cemetery Rd	Hilliard	2010	Multilane	J-06
Main St / Scioto Darby Rd	Hilliard	2010	Multilane	J-06
Veterans Memorial / Scioto Darby Rd	Hilliard	2018	Single	J-05
Wilcox Rd / Riggins Rd	Hilliard	2019	Single	G-06
US 62 / Market St	New Albany	2015	Single	E-24
Alum Creek Dr / Groveport Rd E	Obetz	2014	Single	T-18
Alum Creek Dr / Groveport Rd W	Obetz	2014	Single	T-18
Hyland-Croy Rd / Brock Rd	Union Co.	2015	Single	A-04A
Arlington Ave / Tremont Blvd	Upper Arlington	2016	Single	L-11
North Star Ave / Kinnear Rd	Upper Arlington	2016	Single	L-12
Vesper Way / Worthington Rd	Westerville	2019	Single	B-16

There are 4 roundabouts that are currently under construction and 18 more that are funded or planned for the communities of and around Franklin County, Ohio.