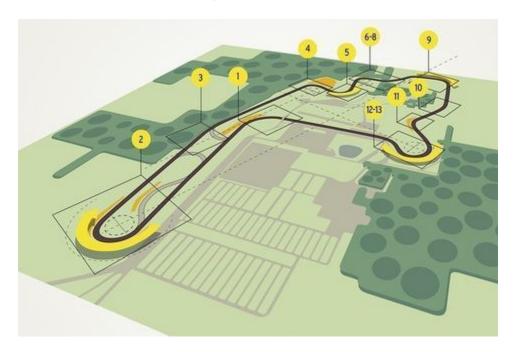
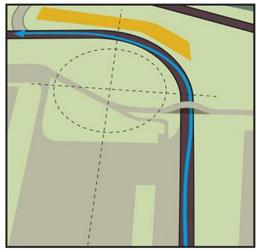


# **Mid-Ohio Sports Car Course** Lap Map (Courtesy of Car & Driver, Dec 2015 issue)

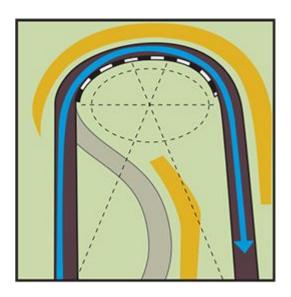




### Turn 1

A long, 90-degree left coming off the pit straight, this is the fastest turn on the track. Approach from the right and you'll only need light braking—or just a lift in some formula cars. Turn in after the abutment for the bridge passing over the track and apex about three-quarters of the way around the curb that separates the racing surface from the pit-exit lane. That lane might look attractive, but it is neither safe nor permissible to use while lapping.

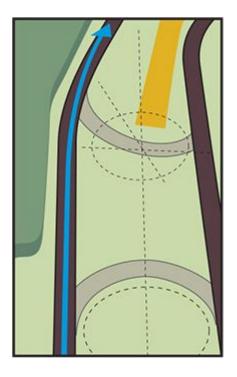




Turn 2: Keyhole

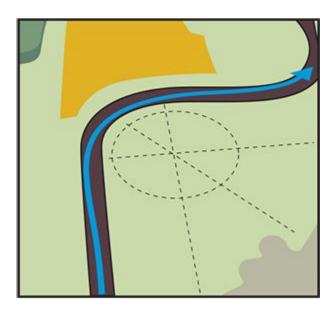
In the pro configuration, it's a straight run from the Turn 1 exit to the Keyhole, which consists of two 90-degree rights. While it is possible to make one single turn out of the Keyhole with a late apex in the second right, most drivers treat it as a double-apex corner. Either way, brake hard before the crest near the first apex, while you have good grip. This is a common passing zone, so enter between the middle and left side of the track to defend your line. With the double-apex line, the key is to not go too far to the left between the apexes. The pavement there is slippery. Let the car settle down after the slight crest and almost coast in the middle or you won't make the second apex. Missing it is a big mistake as the exit leads onto the long back straight—easily the track's fastest section.





Turn 3

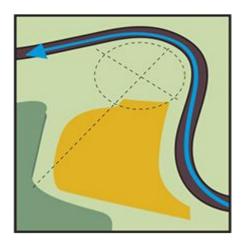
This right-hand kink is almost always taken flat in the dry, but can be slippery in the rain and might require a lift.



## Turn 4

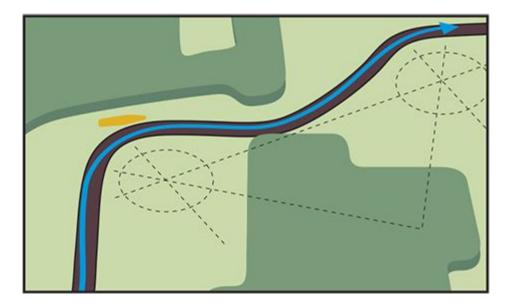
You arrive at Turn 4 with lots of speed (Indy cars come in at about 180 mph); brake heavily as you enter this right-hander from the left. There's a lot of camber running the full width of the track, so you have some flexibility for your line, which makes this a great corner for passing.





### Turn 5

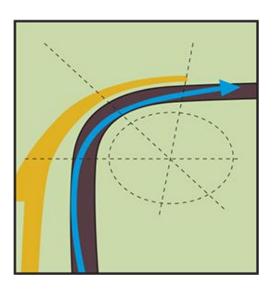
This longish left-hander goes up, over, and down a steep hill. Enter from the left, where the exit of Turn 4 placed you, and simply apex at the crest of the hill. Once the car is settled after the crest, you can accelerate toward 6 while steering left. Attempt to keep too far to the left and your car will likely get unsettled, opening you up to being passed on the right going into 6.



Turns 6, 7, and 8: The Esses

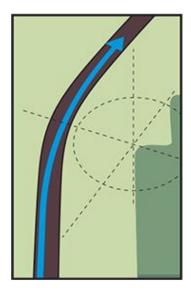
These three corners are linked, so the correct line is critical. A little trail-braking will help plant your car's front end and point it toward the apex on the right near the end of the curbing. But the key here, as in 5, is not to track out too far on the exit. Stay about a car's width from the left edge of the track and you'll be well set up for Turn 7. Apex 7 at the end of the curbing, before the hill, and be careful with the power as you crest it. As soon as the car settles down, turn in for 8. You can miss the apex here slightly as your key concern on exit will be the next corner. Following the right line, 7 and 8 are generally flat in a street car.





## Turn 9

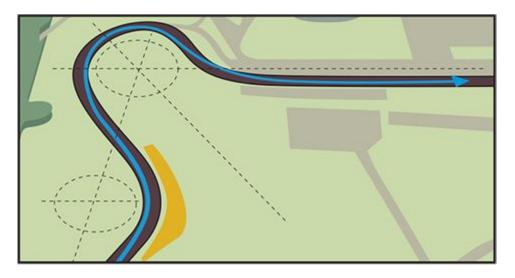
There's not enough distance from the exit of 8 to get all the way to the left and parallel to the track edge before you have to start braking for 9. The solution is to go left but forget about getting parallel. This stretches the 90-degree turn into a 95-degree one, but at least you get to brake in a straight line with a settled car. Turn 9 climbs another hill, so apex late but before the crest. Then you can start getting on the gas, though your car will still get light and drift to the left as you hurtle over the top.



Turn 10

A fast, flat bend to the right, and then it's best to stay to the right coming out to help your entrance into 11.





**Turns 11, 12, and 13: Carousel** 

Turn 11 is a fast, off-camber left-hander. A tap of the brakes will help you stick close to the inside curbing. The key is to come out of 11 on a straight line so that you can brake hard going into Turn 12, the Carousel. Treat the Carousel as a double-apex corner, with the first apex at the small crest, which requires you to ease your braking as your car's tires unload. Continue about three-quarters of the way across the track before turning toward the second apex. Once you're there, hold the car to the right to set up for the left-hand Turn 13, a slight bend that leads onto the front straight. Stray no farther left than the middle of the track and you'll be okay.