



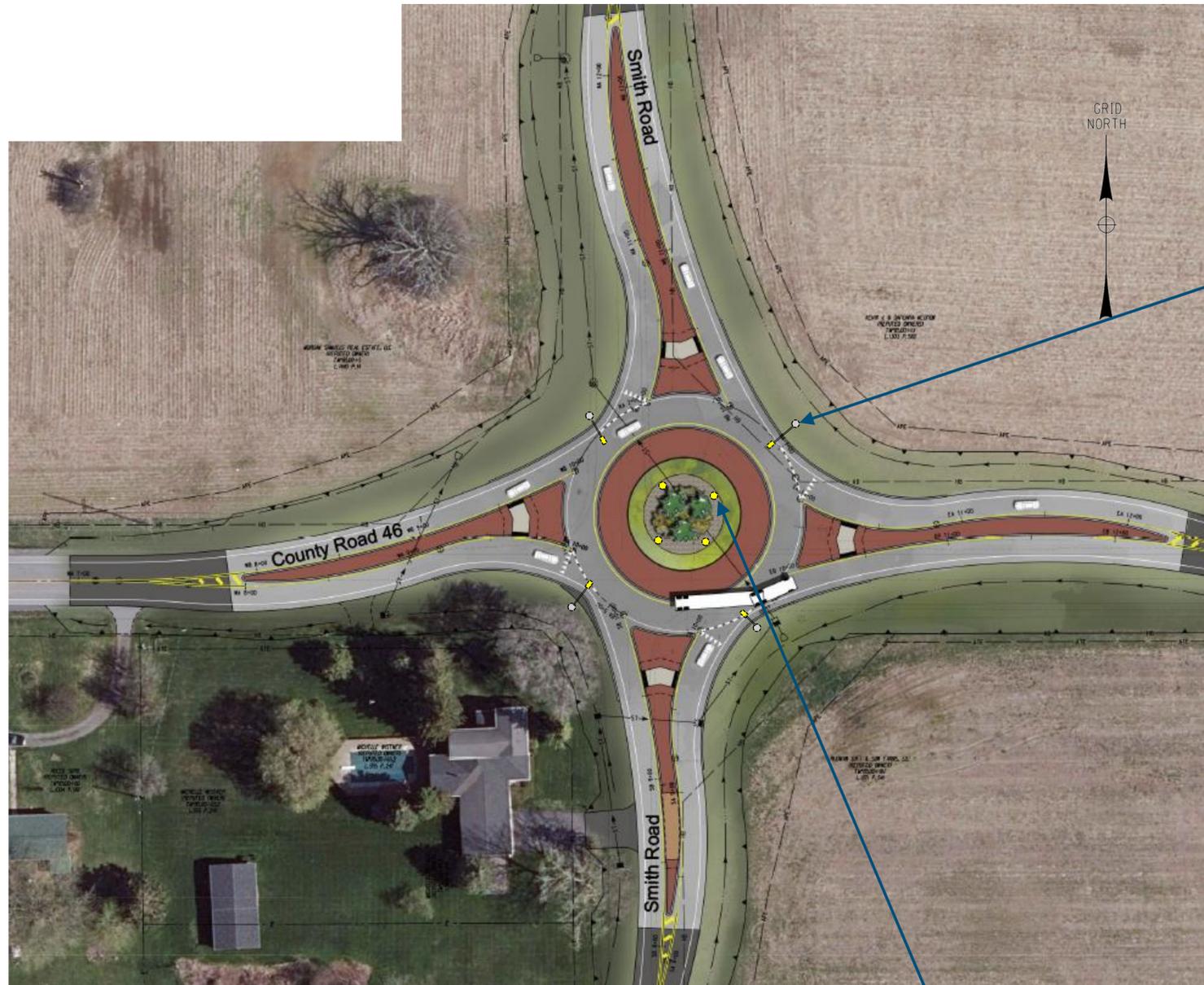
4 light poles with overhead lights



Up lighting for landscape features in the center island



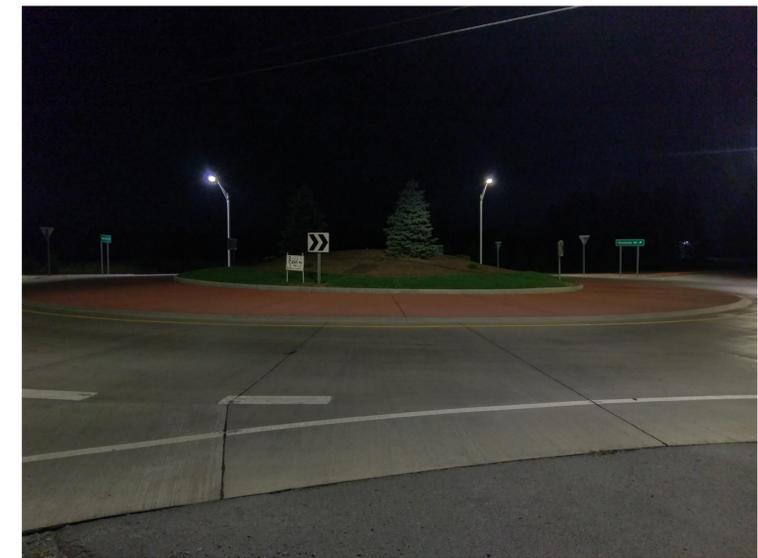
Poles set farther back to reduce the chance of being hit



Conceptual light locations



Overhead, perimeter lighting



Lighting at CR 8 and CR 41 in the Town of Farmington



Landscape up lighting



Up lighting of pine trees (wrapped for winter) at CR 23, Fort Hill Road, and McIvor Road in the Town of Phelps

The County Road (CR) 46 and Smith Road roundabout would be Ontario County's 6<sup>th</sup>. The county has reviewed its lighting design and performance after each successive project and continually looks for ways to improve. A new roundabout was constructed at the intersection of CR 23, Fort Hill Road, and McIvor Road in the Town of Phelps last summer. The lighting system there consists of four overhead LED light fixtures placed in the corners of the roundabout. Light poles are set back behind the edge of the pavement, reducing the chance that they will be knocked down by a vehicle. Each arm is at least 15-feet long and the lights are mounted 24-feet above the pavement. **The lighting is not as bright as what you see today at the intersection of CR 8 and CR 41 in the Town of Farmington**; however, it falls within accepted engineering and safety guidelines. CR 23 was the first of the County's roundabouts where perimeter lighting was supplemented with landscape up lighting. The landscape lights illuminate trees planted in the middle of the roundabout. This helps approaching drivers recognize that they are approaching a different kind of intersection without requiring substantially brighter overhead lights. So far, the system has performed well. This summer the same design will be used at CR 28 and Shortsville Road. Currently, we anticipate using the same design for CR 46 and Smith Road.

