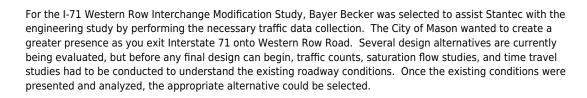
I-71 & Western Row Rd Interchange Mason, OH











Bayer Becker's Transportation Engineering department performed several mechanical traffic counts on the ramps to and from Interstate 71 at Fields Ertel Road and Kings Mills Road, along Western Row Road, and along Kings Island Drive. Turning movement traffic counts and saturation flow studies were also conducted at multiple intersections along Western Row Road. Bayer Becker performed time travel studies along Kings Mills Road, Kings Island Drive, and Western Row Road. Safety for the engineering technicians installing the standard tube mechanical counters along Interstate 71 was a concern. Consequently, an alternative radar traffic counter (Wavetronix SmartSensor HD), was considered.

Bayer Becker submitted the radar counter's product information to the Ohio Department of Transportation (ODOT) for review and approval. With ODOT's permission, the radar counter was used to obtain the necessary Interstate 71 traffic counts. The radar counter provided the same accurate results while providing safer working conditions and a cost savings for the project.

The close proximity of Bayer Becker's office with respect to the traffic count locations assisted in the cost savings of the project and allowed for timely mobilization with respect to weather and traffic influences.



Project Stats	
Client:	City of Mason, Warren County Engineer's Office, Stantec
Location:	Mason, OH
Year:	2018
Market:	Traffic Infrastructure
Project Size:	4.00 Intersections

Services Provided:

TRANSPORTATION ENGINEERING SERVICES

Traffic Counts