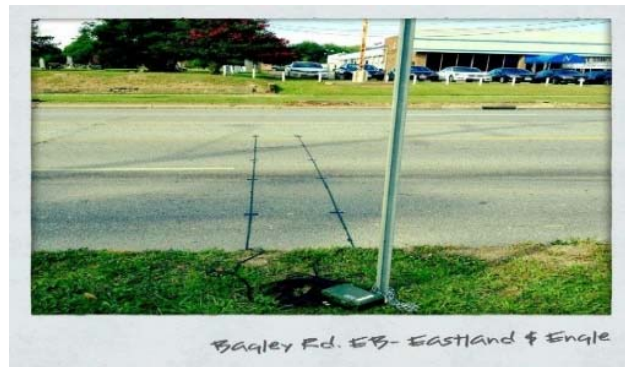


PROJECT

Traffic Count Program
NOACA

CONTACT

Mr. Dave Kuebler
NOACA
1299 Superior Road
Cleveland, Ohio 44114



DESCRIPTION

This project involved the collection of 24-hour traffic data at over a thousand locations from 2012 – 2015 throughout Lorain, Medina, Cuyahoga, Lake and Geauga Counties. The collection of the classification and speed traffic data was collected using Jamar Apollyon traffic counters in some very difficult weather and geometric conditions.

PROJECT

Re-Timing Analysis
Mayfield Road
Mayfield Heights

CONTACT

Mr. Joseph Fornaro
City of Mayfield Heights
6154 Mayfield Road
Mayfield Heights, Ohio 44124



DESCRIPTION

This signal re-timing project was initiated by the City of Mayfield Heights and included the re-timing of 17 signalized intersections on Mayfield Road (US 322) between Iroquois Avenue and Gates Mill Towers. The objectives of the study were to calculate and implement up-to-date clearance timings at the intersections along with optimizing the timings and offsets of each study intersection to reduce congestion and increase travel speeds along the corridor.

PROJECT

Corridor Feasibility Study
Alexander Road
Village of Oakwood, Ohio



CONTACT

Mr. Edward Hren, P.E.
Chagrin Valley Engineering, Ltd.
22999 Forbes Rd.; Ste. B
Cleveland, Ohio 44146

DESCRIPTION

This Corridor Feasibility Study has been prepared at the request of Chagrin Valley Engineering, Ltd. for Alexander Road. The study area is in the Village of Oakwood, Cuyahoga County, Ohio. The study area starts at Medusa Road and continues to Macedonia Road. The Alexander Road intersections at Medusa Road, Oak Leaf Road, Fair Oaks Road, and Macedonia Road will be included in the analysis. The analysis of the corridor will also include the proposed development of land located at the southeast quadrant of Alexander Road and Interstate 480/271 (IR 480/271).

PROJECT

Corridor Analysis
CUY-77-82-2.82-11.59
Broadview Heights, Ohio



CONTACT

Mr. Dave Palmer, P.E.
Path Master, Inc.
1960 Midway Drive
Twinsburg, Ohio 44087

DESCRIPTION

This speed and delay study were prepared for the signalization project on SR 82 in Broadview Heights, Ohio. The signalization project involved the construction of 3 additional traffic signals at the I-77 ramp intersections and the interconnection of all 6 signals within the corridor. The optimization of the traffic signal timings and offsets resulted in a 7% reduction in travel time along the corridor even with three additional signals on the corridor. The reduction in delay was determined to equate to a savings of 19,710 gallons of gasoline per year.

PROJECT

Signal Warrant Analysis
Center Ridge Road & Race Road
North Ridgeville, Ohio

CONTACT

Mr. Daniel A. Rodriguez, P.E.
City of North Ridgeville
7307 Avon Belden Road
North Ridgeville, Ohio 44039



DESCRIPTION

Center Ridge Road (US 20) is a two-lane roadway (one lane in each direction) with a posted speed limit of 40 miles per hour (mph). There is an exclusive left-turn lane to the east of the intersection and a shared left-turn lane to the west of the intersection. It has an east to west orientation and is classified as an urban principal arterial according to the Ohio Department of Transportation. It has an average daily traffic of approximately 13,000 vehicles per day based on the recent traffic count at the Race Road intersection.

PROJECT

Intersection Operational Study
Pike Street & Rayon Drive
Parkersburg, West Virginia

CONTACT

J. Romer
2211 Pike, LLC
21300 Lorain Road
Cleveland, Ohio 44126



DESCRIPTION

The development site is located on the east side of Pike Street (SR 14) north of Rayon Drive in the City of Parkersburg, Wood County, West Virginia. The development is expected to be the size and have the characteristics of the following nationally recognized land use: 2,537 Square Foot Pharmacy/Drugstore with Drive Through Window. The development is proposed with one full access driveway that permit all ingress and egress movements to the site on Pike Street and another access that permits all ingress and egress movements on Rayon Drive.