



PROJECTS:

TRAFFIC STUDIES

PROJECT: Safety Study – Crocker Road & Monroe Trail/Hummingbird Way
Westlake, Ohio

CONTACT: Mr. Robert P. Kelly, P.E.
City of Westlake
27700 Hilliard Boulevard
Westlake, Ohio 44145

DESCRIPTION: This traffic engineering study (TES) has been prepared at the request of the City of Westlake for the intersection of Crocker Road and Monroe Trail/Hummingbird Way. The study area roadways are in the City of Westlake, Cuyahoga County, Ohio.

The intersection is located between Interstate 90 to the north and Interstate 480 to the south. A properly designed intersection can improve the safety and efficiency of flow through an intersection. Inadequate capacity and/or improper traffic control and design can be the source of danger and annoyance to all who use the intersection including pedestrians, bicyclists, and motorists. It can also increase air pollution and cause driver frustration.



PROJECT: Clifton Boulevard Road Diet / Multi-Purpose Lane
Lakewood, Ohio

CONTACT: Mr. Bryce Sylvester, AICP
City of Lakewood
12650 Detroit Avenue
Lakewood, Ohio 44107

DESCRIPTION: TMS Engineers, Inc. performed data collection and traffic analysis for a proposed road diet and creation of a multi-purpose lane along Clifton Boulevard in the City of Lakewood, Ohio. The project area is located between Lake Road to the west and West Clifton Road to the east.

The report was structured for the following purposes:

1. To adequately assess the traffic impacts associated with the proposed road diet and to identify the level of study area access and traffic
2. To provide a comprehensive analysis which evaluates and documents the traffic impacts and any necessary improvements, where warranted
3. To provide a technically sound basis to identify mitigation requirements to traffic impacts created by the road diet and creation of the multi-purpose lane.



PROJECT: West High Avenue (State Route 39)
New Philadelphia, Ohio

CONTACT: Mr. Harry D. Matter, P.E., P.S.
Civil Design Associates, Inc.
1760 Brightwood, S.E.
New Philadelphia, Ohio 44663

DESCRIPTION:

A Traffic Engineering Study (TES) was prepared at the request of Civil Design Associates, Inc. for West High Avenue (State Route 39). The study area is located along West High Avenue from Bluebell Drive to the west and 11TH Street to the east in the City of New Philadelphia, Tuscarawas County, Ohio. The TES also included the analysis of a proposed Menards home improvement store at the north end of Bluebell Drive.

The analyses determined that a road diet and the addition of bicycle lanes to the section of Clifton Boulevard under study was a feasible project that could be accommodated by the study area roadway network.

The TES resulted in a series of recommendations to the study area roadways to better accommodate the movement of vehicular and pedestrian traffic in the study area.



PROJECT: Purpose & Need Study – Mayfield Village

CONTACT: Mayor Bruce G. Rinker
Mayfield Village
6622 Wilson Mills Road
Mayfield Village, Ohio 44143

DESCRIPTION: The purpose and need study was prepared at the request of Mayfield Village in order to evaluate potential signal upgrades to the two major corridors within the Village. Due to numerous concerns including excessive energy consumption, environmental emissions, maintenance requirement and compliance with current design codes, the project reviewed existing conditions and made various recommendations to improve the overall efficiency of the signal systems within the Village.

The report recommended the installation of ADA compliant curb ramps at seven (7) intersections along with the installation of LED lenses at 6 signalized intersections. The LED lenses will allow uninterrupted power supplied to be provided to each of these intersections. The report also recommended the installation of an advanced central traffic control system in order to bring all existing signal controllers under a single operational system.

