

TRAFFIC ACADEMY
Interchange Justification Studies

REGISTRATION FORM
(one person per form)

This one-day course is a prequalification requirement for consultants desiring to prepare interchange justification and modification studies. Knowledge of Highway Capacity Software is a prerequisite for attendance.

LOCATION: ODOT Central Office
1980 West Broad Street
Conference Room GA
Columbus, Ohio 43223

COURSE DATES: (Please Check Date Requested)

_____ October 7, 2008

PLEASE PRINT

Name: _____ **E:Mail:** _____

Title: _____

Organization: _____

Address: _____

City: _____ **State:** _____ **Zip:** _____

Phone:(_____) _____ **Fax :**(_____) _____

Payment is due upon receipt of the registration form. Class availability is on a first come first serve basis:

FEE:\$170.00 per person

Make check payable to: ms consultants/Traffic Academy

Mail this entire page (or a photocopy) to:

Ohio Department of Transportation - Dushon Johnson
Fax # 614-644-8199
E-Mail: dushon.johnson@dot.state.oh.us
Office of Traffic Engineering, 3rd Floor
1980 West Broad Street
Columbus, Ohio 43223

Minimum Class Size - 20

Maximum Class Size - 25

TRAFFIC ACADEMY
Interchange Justification Studies

CLASS INFORMATION

Sponsored By: Ohio Department of Transportation, Office of Traffic Engineering & Office of Roadway Engineering Services

Instructor: James Young, P.E., ODOT

This one-day course is designed to assist in understanding the various aspects of interchange justification studies. It is intended to improve study content and organization. This course is also a prequalification requirement for consultants who want to prepare interchange justification and modification studies. Knowledge of Highway Capacity Software is a prerequisite for attendance.

COURSE LOCATION:

ODOT Central Office
1980 West Broad Street
Conference Room GA
Columbus, Ohio 43223

CLASS TIME:

9:00 a.m. to 4:30 p.m.

LODGING, MEALS AND BREAKS:

Responsibility of the participants.

COURSE TESTING:

At the end of the class, a test will be given on course material covered. The test is multiple choice. A grade of 80% must be achieved to pass the test. It is advisable that students bring a calculator for use in taking the test.

Please contact Dushon Johnson at ODOT at 614 - 752-2785 with any questions regarding the class.

NOTICE

Any student requiring a reasonable accommodation during training (i.e. – audio, visual or mobile) should contact Dushon Johnson prior to the course date so that the Office of Traffic Engineering can make the appropriate arrangements.

TRAFFIC ACADEMY
Interchange Justification Studies
Course Outline

Minor Modification Study

ODOT Project Development Process (PDP)

NEPA Process

ODOT Policy

FHWA Policy for Additional Access to the Interstate System

ODOT & FHWA Access Point Request Policy Explanation

ODOT IJS & IMA Requirements Checklist

Concurrence with Agencies

BREAK

**** REPORT FORMAT SECTION ****

ODOT IJS & IMS Report Outline

Executive Summary

Background

Purpose & Need

Study Area

Analysis Years

Review of Alternatives

Existing Condition Summary

Traffic Volumes

TRAFFIC ACADEMY
Interchange Justification Studies
Course Outline

Traffic Analyses

Cost Estimate

Environmental Overview

LUNCH

***** ANALYSIS SECTION*****

Turn Lane Storage Calculations

Mainline Interstate/Freeway System Level-of-Service (LOS) Flow Chart

HCS Analyses

HCS Balancing Approach Delay

Constrained Traffic Analyses

Lane Balance & Continuity

Evaluation

BREAK

TEST