2020 Comprehensive Asphalt Mix Design School

It is designed to give the participants a working knowledge of the principles associated with asphalt concrete volumetric mix design. On the final day of the course, students will have the opportunity to take the ODOT examination for Level 3 Asphalt Concrete Technician approval. This course meets the minimum training requirements for taking the Ohio Department of Transportation (ODOT) HT.306, Asphalt Concrete Technician Level 3 examination.

Students Will Learn:

- Properties and tests applicable to the selection of asphalt binders and aggregates;
- Marshall and Superpave mix design methods using volumetric analysis; and
- Training necessary to qualify for the examination for ODOT Level 3 approval.

Who Should Attend? ODOT employees, asphalt contractors and others seeking ODOT Asphalt Concrete Technician Level 3 approval and/or desiring technical knowledge of asphalt paving mixture mix design.

Course Prerequisites: Individuals taking this course must be ODOT approved Level 2 Asphalt Concrete Quality Control Technicians or equivalent. It is recommended that each student has a thorough understanding of the current ODOT Level 2 practices. The most recent Level 2 manual can be obtained on Flexible Pavements of Ohio’s (FPO) website.

Participants must be proficient in performing the following Level 2 tests and calculations:

Tests - Rice test-maximum specific gravity SSD and Dry method, Compaction of specimens by Marshall or Gyratory compactor, Bulk gravity of compacted specimens, Gradations of aggregate-composite blend, Extraction of asphalt mix using centrifuge, Setup, offset and calibration of nuclear gauge, Gse-Effective Sp Gr of Aggregate

Calculations - Gsb-Bulk Sp Gr of Aggregate, Gmm-Maximum Sp Gr, Va-Voids in compacted mix, Control chart documentation, Aggregate moisture, Fines to asphalt calculation, Fifty Thirty calculation, Random number, Rounding, Aggregate blending to meet a specified specification

Participants should bring with them a non-programmable calculator, ruler, implements for drawing graphs, and Level 2 Asphalt Concrete Quality Control Technician manual, version 2017 or later. The manual can be downloaded from the ODOT, OMM website or through the FPO website.

A mix design training manual, Asphalt Institute MS-2 “Asphalt Mix Design Methods” manual, and 2019 ODOT Construction and Materials Specifications will be provided.

Contact Hours of Instruction: 28

Date, Time & Location: Monday thru Thursday, February 24 to 27, 2020 from 8:00 A.M. to 4:00 P.M. at the Ohio University Lancaster Campus, Brasee Hall, Room 414, 1570 Granville Pike, Lancaster, OH 43130. On Friday, February 28, 2020 participants will take the ODOT examination for Asphalt Technician Level 3 approval, in Brasee Hall Room 211. ODOT will schedule exam re-take dates every 2 weeks after the school.

Registration Information: ODOT personnel must register through their respective District HT Coordinator. All others may register through Flexible Pavements of Ohio. The course fee is $1,020.00 per person for FPO member agencies, firms and companies, $1,150.00 for non-FPO member governmental agencies & ODOT staff, and $1,600.00 per person for all others. The size of the class is being limited as necessary for laboratory work. Registration will be on a first come first served basis. Payment method must accompany registration. Fee includes sessions and reference materials. Questions can be directed to FPO at 1-888-4HOTMIX (888-446-8649).

Substitution & Cancellation Policy: Substitutions are permitted. Cancellations must be made at least four working days prior to the seminar and are subject to a $35.00 administration fee. “NO SHOWS” will be charged full registration fees. FPO reserves the right to cancel the seminar.

Registration: Register on-line at www.flexiblepavements.org with a credit card or submit the following registration form.
Registration Form

First Name _______________________________ Last Name _______________________________

1. ____________________________________________
2. ____________________________________________
   (Use separate sheet for names of additional registrants)

Company: _______________________________________
Address: _______________________________________
City, State, Zip: ___________________________________
Telephone: _______________________________________

Registration Fee: FPO members: $1,020.00. Non-FPO member governmental agencies & ODOT staff: $1,150.00. All others: $1,600.00. Public Agencies and FPO member companies may submit a Purchase Order (PO) and be invoiced or payment may be made by check or major credit card. Please provide the following information for credit card payment:
Name on the card: ____________________________ Type of Card: ______ Card No.: ____________
Exp. Date ________ Amount to be charged to card___________
Complete Billing address___________________________________________________________
Authorized Signature ____________________________

Payment method must accompany registration. If paying by check, make payable to Flexible Pavements of Ohio. Detach registration form and return with your payment method to: Flexible Pavements of Ohio, 6205 Emerald Parkway, Suite B, Dublin, Ohio, 43016. Registrations with credit card or PO may be faxed to 614-791-4800. Or, register on-line at www.flexiblepavements.org with a credit card.

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Lancaster, OH 43130