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- THE PRESIDENT'S PAGE 6
- 8 IMPORTANT ODOT SPECIFICATION CHANGES
- 10 2021 Quality Paving Awards OHIO'S FLEXIBLE PAVEMENTS PROVIDE OWN BEST ENDORSEMENT
 - **ODOT & OTIC PAVEMENTS**
 - 15 **LOCAL ROADS OR STREETS**
 - **COMMERCIAL PARKING FACILITY** 21
 - 22 **SPECIAL-USE PAVEMENTS**
 - AIRPORT PAVEMENTS
- 24 **ODOT TO REQUIRE MORE ACCOUNTABILITY OF FQCS**
- **FPO Representing the Industry** 26
- MARK YOUR CALENDARS 28
- **NEW MEMBER WELCOME** 29
- INDEX TO ADVERTISERS 30

CONNECT ON 1 3 0







ON THE COVER: From roundabouts to busy interchanges to RURAL ROADWAYS, ASPHALT AND QUALITY CRAFTSMANSHIP IS MAKING winning projects. More than 60 projects are showcased among the 2021 Quality Paving Awards from across the state. SEE PAGE 10.



Flexible Pavements of Ohio is an association for the development, improvement and advancement of quality asphalt pavement construction.

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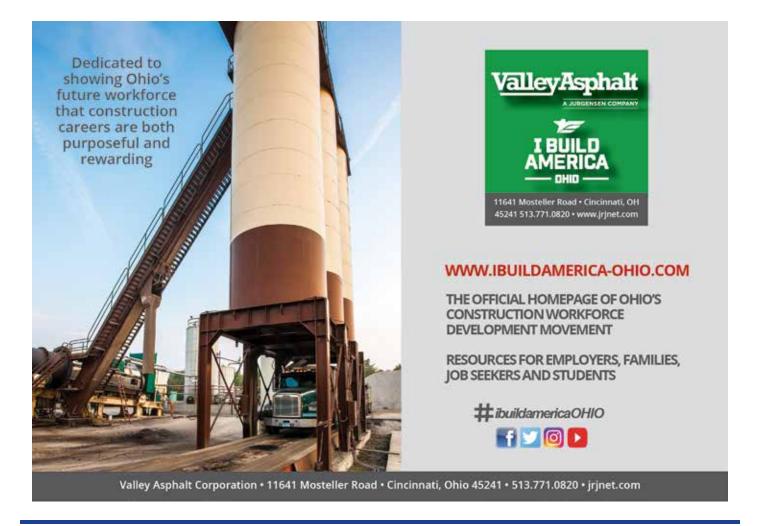
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THE PRESIDENT'S PAGE



Andrew Gall
President & Executive Director

"The association has remained focused for six decades on providing an active education and outreach program designed to improve and advance quality asphalt construction ... FPO also represents Ohio's asphalt paving industry to federal, state and local governments, private industry and other construction organizations. We serve as the industry voice in the development of state construction specifications and standards, as we review proposed regulations and provide our membership with technical advice and information to promote compliance ... The FPO staff stand ready to assist our members ..."

Flexible Pavements of Ohio Turns 60 An Association Working For & With You

Flexible Pavements Inc. was formed in 1962 with the purpose of representing Ohio's asphalt contracting industry and advancing the use of asphalt pavement construction. Renamed Flexible Pavements of Ohio (FPO) in 2000, the mission of the association has remained unchanged, as we have continued to represent the industry and work for our members for 60 years.

The more than 100 member companies and political subdivisions that comprise the membership of the association share a common commitment and dedication to the successful use of asphalt pavement. The association has remained focused for six decades on providing an active education and outreach program designed to improve and advance quality asphalt construction. Our engineering staff provides technical guidance, and we maintain a large array of documents on the design, construction, maintenance and rehabilitation of asphalt pavement. FPO publishes this quarterly magazine, Ohio Asphalt, which is dedicated to disseminating information relevant to Ohio asphalt pavement practitioners and is distributed to more than 2,500 contractors and asphalt pavement specifiers throughout the state. Many of these resources are freely available on our website at www. flexiblepavements.org.

The association conducts annual training, such as Field Quality Control Supervisor Training (see page 24), Level 2 Asphalt

Technician Training and Comprehensive Mix Design training for asphalt producers, contractors, engineering consultants and governmental agencies. Additionally, FPO conducts periodic seminars, serves on conference planning committees and organizes annual conferences such as the Ohio Asphalt Expo and the Ohio Asphalt Paving Conference. We routinely collaborate with universities to advance the technology of asphalt pavements through research and education. And, due to the generous contributions of the association membership, in 1997 the industry established a scholarship program for Ohio engineering and construction management students to learn about asphalt pavement technology. The scholarship program is an investment in our industry's future and ensures students are exposed to asphalt pavement education. FPO has awarded 535 scholarships valued at more than \$800,000 since the inception of the program. The fall issue of *Obio Asphalt* will highlight the scholarship recipients for the 2022-2023 academic year.

FPO and Ohio's asphalt industry has a strong commitment to quality pavement construction. Our industry embraces new technologies, innovative materials and the implementation of research to improve efficiency and pavement performance. Our common goal is to provide the traveling public with smooth, durable pavements that provide excellent service and quality.

In recognition of this, FPO established the Quality Paving Awards in 2003 and has recognized 836 asphalt pavement projects ranging from interstate pavements, rural and urban roadways, airport runways, multi-use paths, commercial parking lots and more. This tradition of recognition continues to this day, and the 2021 Quality Asphalt Paving Award winners can be found in this issue on pages 11-22.

FPO also represents Ohio's asphalt paving industry to federal, state and local governments, private industry and other construction organizations. We serve as the industry voice in the development of state construction specifications and standards, review proposed regulations and provide our membership with technical advice and information to promote compliance. We monitor state and national legislation for provisions that impact our industry and regularly visit our congressional delegation (see page 26) as well as

with the leaders of our state government. This interaction and representation allow our members to work with the Ohio asphalt industry's largest customers and regulators more efficiently and effectively.

FPO's 60 years is about service to our membership and the asphalt industry as well as to pavement owners and agency customers. The FPO staff stand ready to assist our members and I encourage you to contact us with questions, project assistance or for technical or regulatory information.







Every quarter, the Ohio Department of Transportation (ODOT) Asphalt Specification Committee meets with industry representatives (Flexible Pavements of Ohio) and other stakeholders to review and potentially revise, update and/or correct various asphalt specifications.

Below is a summary of significant changes recently made to two important specifications that will likely affect producers/contractors working on ODOT projects. Consequently, FPO members and others should review these specification changes and adjust accordingly.

The 4th Quarter of 2021 brought significant changes to ODOT's **Supplement (S) 1041 – Asphalt Concrete Program Administration** (formerly Asphalt Concrete Quality Assurance Program Administration).

Significant changes to S 1041 include:

- Scope of the supplement was expanded to Contractor and Consultant employees, including, but not limited to, management, supervision, quality control, plant operations, materials management, paving operations and hauling truck drivers.
- Expands and outlines department procedures for penalties, removal of personnel and department approvals from department work, or both.
- Section 1041.04 Removal of Personnel from Department Work and Approval was expanded to identify potential discipline, i.e. written reprimand or removal of approval. Note that removal of approval can be administered as follows: first time removal — 1 to 3 years; second time — 3 years minimum or longer; third time — permanent removal of approval. Examples of minor and major events potentially resulting in removal of department approval are listed.
- Concept of "lack of meaningful response" is defined and the importance of appropriate response is presented.
- Section 1041.05 lists requirements for Laboratory approval and Section 1041.06 identifies the criteria for removal of laboratory or laboratory personnel from departmental approval.

Pavement smoothness was reviewed at the 1st Quarter 2022 Specification Committee meeting and remains a priority for ODOT, as noted in the revised

Proposal Note (PN) 420 – Surface Smoothness Requirements for Pavements.

Significant changes to PN 420 include:

- Profiles provided without named event markings (e.g. pressure relief joints, approach slabs, manholes, valve boxes, unusual geometry, catch basins, etc.) will not be reviewed and will be returned for correction.
 Non-payment and pre-existing conditions will be considered on a project-by-project basis and approved by the Engineer for exclusion from IRI calculations.
- Non-payment and pre-existing conditions approved by the Engineer
 that influence the IRI measurements in a wheel path should be
 sectioned out of profiles using the Leave-out function in ProVAL for the
 corrective action and pay adjustment.
- A Corrective Action Plan is required conforming to details provided in the specification and must be submitted at least 7 days prior to planning any corrective action.
- Exempted Corrections have been eliminated in favor of project-specific identification of non-payment and pre-existing conditions submitted by contractor and approved by the Engineer.
- Pay adjustments will be based on the measured IRI of each wheel path and averaged as MRI after any mandatory corrective action.
- Post Correction Pay Adjustment for both Lot Roughness and Local Roughness has been clarified and expanded to encourage consistency across all 12 ODOT Districts.
- See Supplement 1110 Submittal and Application Requirements for ProVAL Pavement Smoothness Software for additional changes consistent with PN 420 revisions.

Note that all changes were effective Jan. 21, 2022. FPO members are encouraged to review the revised Supplement or Proposal Note available on ODOT's website. These documents can be found at: https://www.dot.state.oh.us/Divisions/ConstructionMgt/Pages/ProposalNotesSupplementalSpecificationsand Supplements.aspx.





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2021 Quality Paving Awards

OHIO'S FLEXIBLE PAVEMENTS PROVIDE OWN BEST ENDORSEMENT

From state line to state line and from Lake Erie to the Ohio River, the Buckeye State is blessed with high-quality asphalt — from mix, to production, to construction.

While Ohioans and travelers and visitors to the state know of the comforts — e.g., smoothness and quietness — of asphalt, they may not be aware of its other benefits, such as being safe; cost-effective; travel, business and environmentally friendly; attractive; durable; and more.

In addition to promoting asphalt's attributes daily, each year Flexible Pavements of Ohio recognizes companies demonstrating exceptional asphalt production and craftsmanship through its FPO Quality Awards Program. For the 19th year, the FPO Quality Awards are recognizing the top flexible pavement projects across Ohio. This year's winning projects, from the 2021 construction season, were assessed on quality-control test data for each mix used on the project, pavement smoothness, texture of the surface, density and quietness.

Asphalt pavement paving projects are recognized in several Quality Award categories: Ohio Department of Transportation (ODOT) and Ohio Turnpike & Infrastructure Commission (OTIC) Projects; Local Roads or Streets; Commercial Parking Facilities; Special-Use Pavements; and Airport Pavements. In all, 64 projects and the work of 13 companies are being showcased.

FPO is pleased to honor these companies and the project owners who chose asphalt. This partnership is the flexible pavement industry's best way to promote asphalt's continued use in the state. Here is a look at Ohio's 2021 top asphalt pavement paving projects:

2021

QUALITY PAVING AWARDS

ODOT & OTIC PAVEMENTS



RESURFACING OF U.S. ROUTE 24 FROM HENRY
COUNTY TO S.R. 66 IN DEFIANCE COUNTY
ODOT District 1
PAVING CONTRACTOR: Gerken Paving Inc.





RESURFACING OF S.R. 18 FROM THE CITY OF MEDINA
TO LORAIN COUNTY IN MEDINA COUNTY
ODOT District 3

PAYING CONTRACTOR: Kokosing Construction Co. Inc.



CONSTRUCTION OF A ROUNDABOUT AND BRIDGE AT S.R. 110 AND INDUSTRIAL DRIVE IN HENRY COUNTY ODOT District 2

PAVING CONTRACTOR: Gerken Paving Inc. &

Ebony Construction Co.



RESURFACING OF S.R. 99 FROM HURON COUNTY
TO S.R. 4 & S.R. 13 FROM HURON COUNTY TO
U.S. 250 IN ERIE COUNTY

ODOT District 3

PAYING CONTRACTOR: Erie Blacktop Inc.



Resurfacing of Interstate 71 in Medina County **ODOT** District 3 Paving Contractor: Kokosing Construction Co. Inc.



Resurfacing of S.R. 61 in Richland County ODOT District 3 Paving Contractor: Kokosing Construction Co. Inc.



Resurfacing of S.R. 7 from Columbiana County to S.R. 164 in Mahoning County **ODOT District 4** Paving Contractor: Shelly & Sands Inc.



Resurfacing of S.R. 305 from S.R. 282 in Portage County to U.S. 422 in Trumbull County & S.R. 534 from Phalanx Mills-Herner Road to U.S. 422 in Trumbull County **ODOT District 4** Paving Contractor: Shelly & Sands Inc.



Resurfacing of U.S. 36 from Tuscarawas County to S.R. 93 in Coshocton County **ODOT District 5** Paving Contractor: The Shelly Co.



Resurfacing of U.S. 22 & S.R. 800 in Guernsey County **ODOT District 5** Paving Contractor: Shelly & Sands Inc.



Resurfacing of S.R. 664 from S.R. 256 to the
Village of Rushville in Fairfield County
ODOT District 5
Paving Contractor: RAP Management & The Shelly Co.



Resurfacing of I-670 and I-70 in Franklin County
ODOT District 6
Paving Contractor: Kokosing Construction Co. Inc.





Resurfacing of I-71 from Gemini Place to
I-270 in Franklin and Delaware counties
ODOT District 6
Paving Contractor: Kokosing Construction Co. Inc.



Resurfacing of I-70 from S.R. 49 to S.R. 48
in Montgomery County
ODOT District 7
Paving Contractor: Barrett Paving Materials Inc.

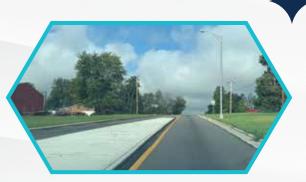


Resurfacing of I-675 from Greene County to
Alex Bell Road in Montgomery County
ODOT District 7

Paving Contractor: Barrett Paving Materials Inc.



Resurfacing of S.R. 48 from Dorothy Lane to
David Road in Montgomery County
ODOT District 7
Paving Contractor: Barrett Paving Materials Inc.



Construction of a Roundabout at S.R. 73 and
Jacksonburg Road in Butler County
ODOT District 8

Paving Contractor: Barrett Paving Materials Inc.



Resurfacing S.R. 73 from Warren County
to S.R. 4 in Butler County
ODOT District 8
Paving Contractor: Barrett Paving Materials Inc.



Resurfacing of S.R. 732 from the City of Eaton and Wyatt Road in Preble County
ODOT District 8

Paving Contractor: Barrett Paving Materials Inc.



Resurfacing of S.R. 139 from Broad Street to the City of Jackson S.R. 93 from Four Mile Road to Grimes Street in Jackson County

ODOT District 9

Paving Contractor: Shelly & Sands Inc.



Resurfacing of S.R. 32 from Irwin Road to
Fawcett Road in Adams County
ODOT District 9
Paving Contractor: The Shelly Co.



Resurfacing of S.R. 32 from Goff Road to
Gleason Road in Pike County
ODOT District 9
Paving Contractor: Shelly & Sands Inc.



Relocation of S.R. 125 in Brown County
ODOT District 9
Paving Contractor: John R. Jurgensen Co.



Resurfacing of S.R. 682 from Fifth Street to U.S. 33 & S.R. 691 from S.R. 56 to the City of Nelsonville in Athens County ODOT District 10 Paving Contractor: Shelly & Sands Inc.



Resurfacing of S.R. 376 from Muskingum County
to S.R. 266 in Morgan County
ODOT District 10
Paving Contractor: Shelly & Sands Inc.



Resurfacing of Northbound I-77 from S.R. 821 to
Highland Park Road in Washington County
ODOT District 10
Paving Contractor: Shelly & Sands Inc.



Resurfacing of S.R. 255 from Township Road 912 to S.R. 7 & S.R. 800 from S.R. 7 to S.R. 255 in Monroe County

ODOT District 10

Paving Contractor: Shelly & Sands Inc.



Widening of Kemp Road from Grange Hall Road to Turnbull Road in the City of Beavercreek City of Beavercreek Paving Contractor: John R. Jurgensen Co.



Construction of a Roundabout at S.R. 161 and Cosgray Road in the City of Dublin City of Dublin Paving Contractor: The Shelly Co.



Resurfacing of Foxes Bottom Road, Springhill Road and Lamborn Road in Harrison County Ascent Resources & Harrison County Engineer Paving Contractor: NLS Paving Co.



Resurfacing of Columbia Road from First Street to Hilliard Boulevard in the City of Westlake City of Westlake Paving Contractor: Specialized Construction Inc.



Resurfacing of Patterson Road and Runnymeade Road in the City of Oakwood City of Oakwood Paving Contractor: John R. Jurgensen Co.



Resurfacing of County Road 418/Lincoln Highway from Wayne Street to Middle Point Wetzel Road in the City of Van Wert

Van Wert County Engineer & ODOT District 1 Paving Contractor: The Shelly Co.



Resurfacing of Brocklesby Road from S.R. 95 to Roberts Road in Marion County Marion County Engineer Paving Contractor: Shelly & Sands Inc.



Resurfacing of Apple Creek Road/S.R. 585
to Back Orrville Road in Wayne County
Wayne County Engineer's Office
Paving Contractor: Kokosing Construction Co. Inc.



Resurfacing of Linnville Road from U.S. 40
to S.R. 13 in Licking County
Licking County Engineer
Paving Contractor: The Shelly Co.



17





Resurfacing of Jeffers Road from Napoleon-Waterville Road to Archbold-Whitehouse Road in Lucas County

Lucas County Engineer Paving Contractor: Gerken Paving Inc.



Resurfacing of Wild Cherry Way in Deerfield Township Deerfield Township

Paving Contractor: Barrett Paving Materials Inc.



Resurfacing of Shasta Drive from South Avenue to Airport Highway in the City of Toledo City of Toledo Paving Contractor: Kokosing Construction Co. Inc.



Resurfacing of C.R. 294 & C.R. 260 in Sandusky County Sandusky County Engineer Paving Contractor: Erie Blacktop Inc.



Resurfacing of Hawthorn Parkway from **SOM Center Road to Richmond Road** in Cuyahoga County

Cleveland Metroparks Paving Contractor: The Shelly Co.



Resurfacing of Fifth St. from Montgomery St. to Ferguson St., Lancaster St. from Clark St. to Pershing Rd. & Laramie Rd. from Wyoming Rd. to Edgewood Dr. in the City of Marietta City of Marietta

Paving Contractor: NLS Paving Co.



Resurfacing of Seajay Drive from North Fairfield
Road to Research Drive in the City of Beavercreek
City of Beavercreek
Paving Contractor: John R. Jurgensen Co.



Resurfacing of Country Club Lane from West Lytle-Five Points Road to the Sycamore Creek Country Club in the City of Springboro City of Springboro

Paving Contractor: Barrett Paving Materials Inc.

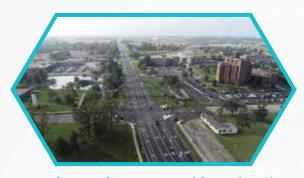




Resurfacing of C.R. 30A/Old Lincoln Way from the Village of Mifflin to the Village of Jeromesville in Ashland County

Ashland County Engineer

Paving Contractor: Sarver Paving Co.



Resurfacing of Oregon Road from the Ohio Turnpike to Arbor Drive in Wood County ODOT District 2 & Wood County Engineer Paving Contractor: The Shelly Co.





Construction of a Roundabout at Montgomery Road/U.S. 22 & the Reagan Cross County Highway/S.R. 126 in the City of Montgomery City of Montgomery & ODOT District 8 Paving Contractor: John R. Jurgensen Co.



Resurfacing of Seward Road from Symmes Road to Tylersville Road in the City of Fairfield City of Fairfield Paving Contractor: Barrett Paving Materials Inc.



Resurfacing of West Sixth Avenue from **Memorial Drive to Roosevelt Avenue** in the City of Lancaster City of Lancaster

Paving Contractor: Kokosing Construction Co. Inc.



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Resurfacing of Jackson Pike from S.R. 588 to Mitchell Road in Gallia County Gallia County Engineer Paving Contractor: The Shelly Co.

COMMERCIAL PARKING FACILITY



Construction of Parking Lot at Carvana in Lorain County

Carvana LLC

Paving Contractor: Kokosing Construction Co. Inc.



Construction of Parking Lot at the CSX Intermodal Rail Yard in the Village of North Baltimore

CSX Transportation & Meridian Design Build LLC **Paving Contractor:** The Shelly Co.





Resurfacing of Parking Lot at the Kalahari Resorts & Conventions in the City of Sandusky

LMN Developments SPE LLC Kalahari Resorts & Conventions

Paving Contractor: Erie Blacktop Inc.



Resurfacing of Roadways, Multi-Use Path & Parking Lot at Salt Fork State Park
Ohio Department of Natural Resources
Paving Contractor: NLS Paving Co.



Construction of Roadways & Parking Lot at Pickerington Ponds Metro Park

Columbus & Franklin County Metro Parks **Paving Contractor:** Kokosing Construction Co. Inc.



Resurfacing of Mainloop Road, Hedgerow Road & Campground at Hueston Woods State Park

ODOT District 8 & Ohio Department of Natural Resources

Paving Contractor: Barrett Paving Materials Inc.



Construction of Parking Lot at Carvana in the **City of Trenton**

Lehman Daman Carvana LLC Paving Contractor: Southern Ohio Paving



Construction of Porous Asphalt Parking Lot at Spooky Nook Sports Champion Mill in the City of Hamilton

City of Hamilton Paving Contractor: John R. Jurgensen Co.

SPECIAL-USE PAVEMENTS



Reconstruction of Parking Lot at the Ohio **Laborers Training Center in Knox County**

Ohio Laborers Training Center Paving Contractor: Kokosing Construction Co. Inc.



Reconstruction of ISO Pad at the Transportation Research Center Inc. in East Liberty Transportation Research Center Inc.

Paving Contractor: The Shelly Co.



Reconstruction of Urban Area #2 at the Transportation Research Center Inc. in East Liberty

Transportation Research Center Inc. Paving Contractor: The Shelly Co.

AIRPORT PAVEMENTS



Rehabilitation of Runway at Barnesville-**Bradfield Airport in Belmont County**

Barnesville-Bradfield Airport Paving Contractor: Shelly & Sands Inc.



Rehabilitation of Runway 10-28 at Middle Bass Island Airport

Put-In-Bay Township Airport Authority **Paving Contractor:** Erie Blacktop Inc.



Rehabilitation of Runway at Madison County Airport

Madison County Airport **Paving Contractor:** Kokosing Construction Co. Inc.







The Field Quality Control Supervisor (FQCS) is the most-essential element of quality control for asphalt paving projects. Per ODOT specifications, Item 403 and SS 1041, the FQCS is the individual responsible for ensuring that all

The FQCS originated with an ODOT spec change is 2005 as a joint industry/agency effort. The objective was to further transfer responsibility for quality control of placement operations to the contractor as had begun years earlier with mix testing under 848/448 acceptance.

To facilitate this transition, Flexible Pavements of Ohio (FPO) accepted the responsibility for providing training that would lead to ODOT approval for contractor personnel to serve as the FQCS on paving projects built under ODOT specifications. To date, FPO has provided this training to thousands of people seeking FQCS approval and others interested in more knowledge

of ODOT asphalt specifications. There are currently 863 individuals listed as approved as FQCS on the ODOT Office of Materials Management webpage. (https://www.dot.state.oh.us/Divisions/ConstructionMgt/Materials/Asphalt%20Information/Approved-FQCS-List.pdf).

As conceived by ODOT's former State Asphalt Materials Engineer Dave Powers, P.E. and FPO, the FQCS training was limited to teaching the responsibilities of the FQCS based upon the significant requirements of ODOT asphalt specifications. The training was purposely limited to a one-day session and was never intended to teach paving best practices.

It is understood that to effectively perform the duties of the FQCS, thorough knowledge of paving best practices and equipment operation is needed. To

partially ensure this knowledge, FQCS approval requires a minimum of two years of experience on ODOT paving projects; and those holding FQCS approval re-take the training every five years. Still, additional training is needed. To this end, FPO, The Asphalt Institute, Local 18 of the Operating Engineers and equipment manufacturers have provided advanced training in best-paving practices and equipment operations. It is important FQCSs regularly update their knowledge and skills to take advantage of technological developments and changes to specification requirements.

ODOT has a strategic plan to require more accountability of the FQCS. As a result, revisions have been made to Supplement-1041 to strengthen provisions for ensuring adequate performance of the FQCS. The latest revision of S-1041 can be found at https://www.dot.state.oh.us/Divisions/ConstructionMgt/Pages/ProposalNotesSupplementalSpecificationsand Supplements.aspx.

All existing FQCSs are reminded that particular attention is required for all relevant Construction & Material Specifications (CM&S) areas, including, but not limited to, hauling, spreading equipment, conditioning existing surface, preparing feather and butt joints, application of tack coat, spreading and finishing and night work, spreading and surface tolerance and compaction. Based upon recent discussions with ODOT staff, extra attention is suggested in the areas of segregation and mat

uniformity, which are both known to be industry challenges and critical characteristics with regard to achieving long-life pavement performance.

The FQCS is essential to achieving the quality of construction necessary to consistently satisfy customer expectations and to ensure a continued robust market for asphalt pavement. Stated otherwise, satisfying the pavement owner is what causes them to continue to specify asphalt pavement. To do this, the FQCS must ensure that contract specification requirements are met and a high-quality pavement is constructed.







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25

Ohio Asphalt Summer 2022

FPO REPRESENTING THE INDUSTRY



FPO members discuss the importance of the federal transportation program with Sen. Rob Portman.



Former and current FPO staff and the Asphalt Pavement Association of West Virginia at the 2022 ASHE National Conference.

Transportation Construction Coalition



Flexible Pavements of Ohio (FPO) joined transportation stakeholders from across the nation for the 2022 Transportation Construction Coalition's (TCC) Washington, D.C. Fly-In for the first time since 2019. The May event provided opportunities to meet with members of

Ohio's Congressional delegation to discuss issues of importance to the construction industry. The Ohio coalition included FPO member companies Ebony Construction Co., Gerken Paving Inc., Kokosing

Construction Company Inc., Shelly & Sands Inc. and representatives from the Ohio Contractors Association (OCA) and its members. In addition to industry representation, the Montgomery County Engineer's Office joined the efforts.

Meeting with members of Ohio's Congressional delegation and their senior staff, the coalition expressed appreciation for the passage of the Bipartisan Infrastructure Law (BIL) and articulated support to ensure the transportation priorities outlined in the legislation are implemented. Additionally, the industry expressed opposition to the proposed Gas Prices Relief Act of 2022, which would suspend the collection of the federal gas tax resulting in a significant loss of transportation revenue and jeopardize the future funding of transportation construction projects.

American Society of Highway Engineers National Conference

FPO joined more than 500 transportation professionals in Columbus at the 2022 American Society of Highway Engineers National Conference in May. The event was the first in-person National Conference in three years. Attending the National Conference were public- and private-sector design professionals, material suppliers and contractors from

across the country. The conference provides a forum for networking and education on topics relevant to the transportation industry. FPO was joined by the Asphalt Pavement Association of West Virginia to represent the national industry on behalf of the Asphalt Pavement Alliance (APA). The APA is a coalition of the Asphalt Institute, the National Asphalt Pavement Association and the State Asphalt Pavement Associations with a goal to establish asphalt as the pavement of choice for safety, value, performance and the environment.





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Comprehensive Asphalt Mix Design June 13-17, 2022 Ohio University Lancaster Campus Brasee Hall; Room 414 1570 Granville Pike Lancaster, OH 43130

This course meets the requirements for Ohio Department of Transportation (ODOT) HT.306, Asphalt Level 3 training. 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.

Level 2 Asphalt Quality Control Technician Training July 5-7, 2022 Ohio University Lancaster Campus Brasee Hall; Room 414 1570 Granville Pike Lancaster, OH 43130

Flexible Pavements of Ohio (FPO) offers this training course to prepare individuals having basic lab familiarity to take the ODOT Level 2 Asphalt Technician Exam. After the training, students will have the opportunity to take the ODOT written examination for Level 2 Asphalt Concrete Technician approval.



Ohio Transportation Engineering Conference October 25-26, 2022 Columbus Convention Center 400 North High St. Columbus, OH 43215

The Ohio Transportation Engineering Conference (OTEC) is a two-day event attended by more than 3,000 transportation professionals from

throughout the nation. OTEC is co-sponsored by ODOT and The Ohio State University.

Visit the OTEC website at www.otecohio.org for up-to-date conference information.



Ohio Asphalt Paving Conference The Fawcett Center Feb. 1, 2023 The Ohio State University 2400 Olentangy River Rd. Columbus, OH 43210

The Ohio Asphalt Paving Conference is a collaborative effort of state and local government, academia and the asphalt industry to present practical, usable technologies and strategies for the design and construction of asphalt pavements.



Ohio Asphalt Expo March 28-29, 2023 Columbus/Polaris Hilton Hotel 8700 Lyra Dr. Columbus, OH 43240

The Asphalt Expo is Ohio's premier asphalt pavement event with multiple concurrent educational sessions and an indoor and outdoor trade show and exhibition. If you construct, inspect, manage or maintain local or private transportation infrastructure, the Ohio Asphalt Expo has the information you need to ensure a successful, long-lasting asphalt pavement.

Visit FPO's website at www.flexiblepavements.org for more information regarding these events.



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Flexible Pavements of Ohio would like to welcome Blankenship Asphalt Tech & Training PLLC as a new member of the association. Blankenship Asphalt Tech & Training offers civil engineering consulting services specializing in materials research and testing, pavement evaluation, on-

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