

2023

ANNUAL REPORT



aif
Asphalt Institute
Foundation[®]



We're delighted to announce that the Asphalt Institute Foundation awarded a major contract to Wood Mackenzie on January 16, 2024. The objective of this strategic project is to enhance the resiliency of the petroleum asphalt binder industry amidst various public and private procurement decarbonization goals. The project is expected to provide valuable insights that are currently lacking within our industry. This initiative from the Asphalt Institute Foundation is the first of its kind and is expected to disseminate a body of knowledge for the global asphalt binder market.

The topic of asphalt binder supply-chain decarbonization and a feasible path to carbon neutrality came to light during the May 3, 2021, meeting of the Foundation's Development Committee. Asphalt products provide benefits to an oil company not shared by fuels and other products – namely full recyclability while sequestering carbon not emitted into the environment.

The AI Foundation board established a Sustainability Task Force under the Development Committee on December 6, 2021, to focus on the industry's strategic initiatives around decarbonization and subsequent research needs. Efforts by the Task Force in early 2022 focused on integrating the sustainability theme into the 2022 Strategic Asphalt Research (STAR) Symposium held in Atlanta that May. Furthermore, the initiatives presented during the compelling presentation by the Asphalt Institute's EPIC Class 6 in August of 2022 were blended into the conversation.

Later that year, the Task Force advanced the need to develop data-driven, peer reviewed research to help quantify and assess interactions between the sustainability pillars of performance, environmental, economic, and social metrics for asphalt binder production and use. This statement represented the focus of the Task Force with a requirement that it be strategic in nature.

With the results of the May 2022 Strategic Asphalt Research Symposium published as well as the STAR Symposium supplement, the vision of the Sustainability Task Force was advancing. Hence, the phrase "managing the net zero transition" became a long-range focus. The spark first seen in 2021 turned into a flame.

As a result, a Request for Proposals titled "Analyzing the Petroleum Asphalt Binder Supply Chain in a Net Zero World" was prepared focusing on a pragmatic understanding of

markets, velocity of change, and the realities of an asphalt binder supply chain amidst varying decarbonization scenarios. With dedicated funding in hand from Associated Asphalt and Marathon Petroleum Company LP, the Foundation Board approved the RFP on July 31, 2023. From a dozen companies and universities at the onset, the final proposal was ultimately sent to six finalists, eventually resulting in Wood Mackenzie emerging as the clear leader for the contract award. The productive work of the Sustainability Task Force has since been turned over to a smaller Sustainability Oversight Panel to manage the contract. Early meetings with the contractor are underway as we go to press.

We're excited about this research and the anticipated outcomes from this effort. It has taken nearly three years to move from the initial idea to the start of major work in efforts to advance this strategy. It required leadership and companies sharing a common vision that these answers are vital to the future of our industry. It moved our donors to action, giving us the financial resources to address the question.

Taking the Asphalt Institute Foundation's mission to heart is what we are doing. It's easier to focus on simple, short-ranged ideas. The Asphalt Institute Foundation is focused on strategic solutions to advance the asphalt binder industry. Educating future professionals and giving them a portal into our industry as a potential career path is one important way and we detail progress in these pages. Strategic research is another.

Join us in our quest to realize our mission. Help us with your talent and your resources to advance the asphalt binder industry.



John Barrington
AIF Chair



Peter T. Grass, P.E., CAE
AIF President



ASPHALT INSTITUTE FOUNDATION 2024 BOARD OF DIRECTORS

John Barrington
Chair (2024)
Blue Tide Environmental

Bob Cheever
Vice Chair (2024)
Jebro Inc.

Sean Jendry
Treasurer (2025)
Associated Asphalt

Jeremy Alexander
Director (2024)
Asphalt & Fuel Supply, LLC

Christopher Campbell
Director (2024)
Imperial Oil (ExxonMobil)

Dave Henderson
Director (2024)
Asphalt Materials, Inc.

Lee Schloss
Director (2024)
Kokosing Materials, Inc.

Patrick Nation
Director (2025)
Ergon Asphalt & Emulsions, Inc.

Steve Thweatt
Director (2025)
Lion Oil Company (Delek US)

Ex-Officio

Charles Boan
AI Vice Chair (2024)
Flint Hills Resources, LP

Harold (Chip) Ray
Immediate Past AIF Board Chair (2024)
Asphalt Materials, Inc.

Ralph Shirts
AI Emeritus (2024)

Ex-Officio Staff

Peter T. Grass
President

Susie Tanner
Director, Programs & Development

Danielle Steinberg
Controller

The Asphalt Institute Foundation extends sincere appreciation to the following individuals for their service on the board of directors.

Matt Johnson
Russell Standard
2023

Laurand Lewandowski
Owens Corning
2023

Larry Schreiner
Mathy Construction Company
2018-2023

Rob Treece
U.S. Oil & Refining Company
2023



aif
**MISSION
STATEMENT**

To conduct strategic research and educational activities that are designed to advance and improve both the liquid asphalt industry and the welfare of the general public.

Established in 2014, the Asphalt Institute Foundation is a 501(c)(3) non-profit public foundation.

asphaltfoundation.org



BILL AND SHIREEN KIRK SCHOLARSHIP FUND

The 2023 recipients of the Bill and Shireen Kirk Scholarship Fund were announced in late-May 2023. The fund annually awards scholarships to third- or fourth-year undergraduate, masters or doctoral students studying business, chemistry, civil engineering, construction management, marketing or sales. Scholarship funds totaling \$18,000 were awarded to six Kirk Scholars for the 2023-2024 school year. Recipients include:



Kelina Evans, Michigan State University

Evans majors in civil engineering at Michigan State University. She is from Joliet, Illinois. Her plans include being a project engineer for highway design projects.



Shilpa Girish, Clemson University

Girish is a Civil Engineering major at Clemson University. Her plans include working in the asphalt industry by contributing to advancements in sustainable and durable infrastructure.



Tyler Kleinsasser, South Dakota School of Mines & Technology

Kleinsasser is a civil engineering/engineering management major at South Dakota School of Mines & Technology. He is from Huron, South Dakota. He plans to open a consulting firm after gaining experience in the field, as well as mentoring the next generation of engineering students.



Carolina Ruiz, Virginia Polytechnic Institute and State University

Ruiz is a civil engineering/transportation infrastructure and systems engineering major at Virginia Polytechnic Institute and State University. Her career goal is to become a university professor and influence the next generation of transportation engineers.



Trung Tran, Auburn University

Tran is a civil engineering/pavement materials major at Auburn University. His goal is to earn a Ph.D. in asphalt pavement engineering and become an asphalt pavement researcher.



Elizabeth Turochy, Auburn University

Turochy is a civil and environmental engineering major at Auburn University. She is from Auburn, Alabama. She plans to earn a Ph.D. specializing in asphalt pavement and materials. Her career goals include using her knowledge to provide asphalt paving solutions to under-resourced communities.

Since the program's inception,
**MORE THAN \$80,000
IN SCHOLARSHIP FUNDS**

have been awarded to students from across the United States. Recipients of the 2024 Bill and Shireen Kirk Scholarship will be announced in June.

ASPHALT TECHNOLOGY MODULE

Initially launched in October 2020 with a grant from Jebro Inc., the Asphalt Technology Module (ATM) is designed to provide engineering students with an introduction to asphalt and flexible paving technology. The short course consists of six 50-minute sessions that offer an ideal addition to a basic engineering and/or construction materials course for undergraduate engineering or engineering technology students. The ATM is particularly useful for professors with little to no background in asphalt materials. The module consists of a syllabus with references to each lesson's learning objectives, PowerPoint slide deck, teacher notes/tips, practice problems and calculation spreadsheets.

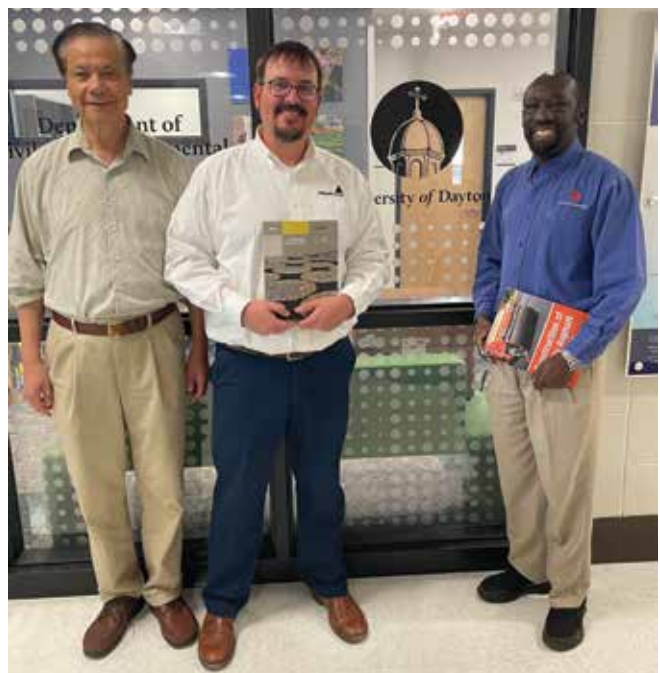
In July 2023, a "newly enhanced" ATM was launched to include a laboratory-based component to supplement the lecture-based material. This new ATM required a substantial effort to integrate and synthesize the existing lecture material with newly developed lab material. The synthesizing effort simplified the faculty experience of understanding and downloading specific material best suited for them. The new lab-based material consists of five optional sessions for asphalt mixtures that includes learning plans, PowerPoint files, spreadsheets, 15 videos demonstrating how various tests are run, problem sets, and digital copies of MS-2 and MS-22 manuals.

To date, more than
**115 PROFESSORS FROM
95 UNIVERSITIES**
in the United States and Canada
have requested the module to utilize
in their engineering curriculum.

UNIVERSITY TEXTBOOK PROGRAM

The goal of the university textbook program is to assist university professors and students with asphalt industry resource manuals and reference materials to enhance their classroom studies of asphalt pavement engineering. Nearly 3,900 eBook and hardcopy publications have been provided to undergraduate and graduate level engineering students across the United States and Canada since 2017.

The development of the Asphalt Technology Module and the University Textbook Program have provided unique opportunities for students to receive quality asphalt pavement engineering curriculum and publications. While eBooks are part of the ATM package, professors can request hardcopies of AI's MS-2 and MS-22 manuals for their students. Both corporate and individual friends of the AI Foundation have generously sponsored classrooms with hardcopy asphalt publications in efforts to enhance student's professional reference libraries.



Jason Wielinski, AI Regional Engineer (center) presents University of Dayton Department of Civil Engineering Chair Dr. Robert Liang (left) and Transportation Lab Director Dr. Deogratias Eustace (right) with copies of MS-2 and MS-22 for University of Dayton Civil Engineering students. The publication donation was made possible by Juan Fritschy and Avista Oil.

ASPHALT INSTITUTE FOUNDATION INTERNSHIP PROGRAM

For the sixth year, the Asphalt Institute Foundation hosted an Internship Program for college students, June 6-8, 2023. The goal of the program is to attract new professionals to the asphalt industry by providing real-world experiences and knowledge, along with professional networking opportunities.

Held at the Asphalt Institute Headquarters, a total of 10 interns representing six member companies participated in the program. The 2023 intern class was diverse in their fields of study, which included computer science engineering, supply chain management, international business, business administration and management, civil engineering, finance, mechanical engineering, and operations management.

Students took part in binder and mix laboratory tours and demonstrations as well as “Asphalt 101” seminar sessions. The organizational significances of the Asphalt Institute and the Asphalt Institute Foundation were also explained. An industry career panel discussion, followed by a Q&A session, also shed light on the educational paths, personal and professional experiences, that led current industry professionals into an asphalt-focused career. Through their unique professional journeys, panelists provided tremendous information and insight for the participants.

Special thanks to members of the Asphalt Institute’s EPIC Class 6, who sponsored an evening dinner for the 2023 program participants. This provided a unique opportunity for further industry discussions outside of the classroom.

As an extension of the program, interns are invited to attend the Asphalt Institute’s Summer Meeting each year. In August, Kade McGlumphy, Bobby Robbins and Ana Rodrigues were able to attend the 2023 Asphalt Institute Summer Meeting in Seattle, WA. The students took part in committee meetings and networking opportunities with other Asphalt Institute member company representatives. The students were recognized at the President’s Luncheon with a certificate denoting their participation in the program.

Without a doubt, the AIF Internship Program is a continued investment in our future workforce and provides a fantastic opportunity for students to learn about career opportunities in the asphalt industry. As we look ahead, plans are underway to host the 2024 program, June 4-6, in Lexington, KY. Student interns’ travel and participation is complimentary, courtesy of the AI Foundation and generous corporate donors.

Contact us to learn more about participating in or sponsoring this important AI Foundation program.



2023 ASPHALT INSTITUTE FOUNDATION INTERN CLASS



Austin Deeter
Indiana University



Naarah Holloway
Ball State University



Dan Sullivan
University of Indianapolis



Ana Rodrigues
Iowa State University



Kade McGlumphy
West Virginia University



Lauran Korfhage
Iowa State University



Cale Nation
University of Mississippi



John Stewart
University of Wyoming



Marcos Cortes-Medina
The Ohio State University



Bobby Robbins
The Ohio State University



aif RESEARCH



By the end of 2022, the second STAR Symposium Report had been written and published, focusing on the ideas resulting from discussions about Human Needs (Workforce Development), Environmental

Sustainability, Performance (Durability), and Economics (Infrastructure Policy and Funding). The AIF Research Committee was then tasked with reading the 49-page document, collating, combining, and condensing the ideas into research needs statements that could be shared with the public, while looking for researchers to conduct the work and sponsors to fund it.



A full-day, in-person meeting in June 2023 helped the Research Committee members focus on the goal of gaining clarity around the highest priorities from the STAR Report and an understanding of the path forward. Some of the most promising ideas were chosen for further development including:

- *Understanding Global Contracting Practices for Asphalt Pavements with Consideration of ESG Impacts (health/safety, environmental sustainability, and performance)*
- *Quantifying Pavement Life Extension Resulting from Improved Asphalt Binder and Mixture Durability for use in LCA and LCCA*
- *Achieving a True Circular Economy for the Asphalt Binder Industry*
- *Reducing the Carbon Footprint of Petroleum Asphalt: Cradle-to-Gate*
- *Attracting and Retaining Talent within the Asphalt Binder Industry*
- *Harnessing Energy from Asphalt Roads and Roofs*

In addition to the new ideas from the 2022 STAR Symposium, **THREE FUNDED RESEARCH PROJECTS** were in progress in 2023.

The **Asphalt Durability** research project was developed to study methodologies to evaluate asphalt durability over a much longer time scale than current specification systems. The expectation is that the research findings will lead to a next-generation practical and implementable specification based on physical properties which relates to the long-term performance of asphalt binder in pavements. The research project is led by Dr. Hilde Soenen at Nynas. Phase II of their work was continued into 2023 and is expected to be completed in 2024.

At the end of 2021, State Farm Insurance Companies provided funding through a donation to the AI Foundation and agreed to partner on research entitled **Understanding and Improving the Durability of Asphalt Shingles**. Long-term performance of asphalt shingles – particularly with respect to durability – needs to be better understood and quantified. By doing so, asphalt shingles should see an extension of their useful service life and a delay in the onset of end-of-life management activities such as reuse and recycling. Phase I of the research project was completed by the Asphalt Institute and Abatech in 2023, with key results shared at the Asphalt Institute Annual Meeting in San Antonio, TX.

A new research contract was awarded in 2023 to Western Research Institute in response to an RFP on Sustainable Materials Management of (Bituminous) Asphalt Roofing. The research project, **Novel Method to Chemically Treat Recycled Tear-off Asphalt Shingles (RAS) and Aged Asphalt for Use as Recycling Agents/Additives in Roofing and Paving Applications**, was conceived with the goal of increasing the reuse and recycling of asphalt roofing materials and reducing the amount being discarded in landfills. The project is being led by Dr. Jeramie Adams, with Phase I expected to be completed in 2024.

KRIECH AWARDED ASPHALT INSTITUTE FOUNDATION'S LUMINARY AWARD FOR INNOVATION



Tony Kriech was recognized at the 2023 AI Annual Meeting with the AI Foundation Luminary Award for Innovation. The first recipient of this award, Kriech was honored for his substantial contributions in the advancement of asphalt through scientific and technological innovation.

As the former Vice President of Research & Development for Heritage Research Group, Tony has been involved with Asphalt Institute's HS&E issues since the 1981 NIOSH Animal Skin Painting Study of laboratory-generated roofing asphalt and coal tar fumes. In 1989, NIOSH fractionated asphalt fumes, forming an Industry Scientific Group. He led five phases of research that included duplication of NIOSH generation, field versus laboratory studies, designing a new fume generation system that mimicked real-world exposures, sub-fractionation of the fumes and skin painting studies of real-world emissions.

Tony is the author and co-author of over 62 peer-reviewed publications and holds many patents. His areas of expertise

include the chemistry of asphalt and asphalt emissions, asphalt leachability, colloid chemistry of asphalt emulsions, recycling of metal wastes into metal salt products, stabilization of metals from hazardous waste, reclaiming waste oil into useable products, reclaiming steel slags into asphalt pavements to improve wet friction, recycling of roofing shingles, pavement design and mercury removal from coal-fired power plants.

Throughout his career, Tony has used his genuine curiosity about chemical structure-activity relationships to create new ideas. He is known for his innate ability to produce ideas, ultimately leading to many success stories.

Kriech has served in various volunteer leadership roles with the Asphalt Institute Foundation over the past decade. He currently serves as a member of the Development Committee and as committee chair of both the AI Foundation Research Committee and the Fred M. Fehsenfeld, Sr. Catalyst for Change Initiative Council. Tony's dedication, commitment, and scientific leadership to advancing the industry – as well as the goals of the Asphalt Institute Foundation – is unmatched. He actively seeks opportunities to take on the most demanding and difficult tasks, focusing on technological advancement and innovation. It is an honor to recognize him as the first recipient of the Asphalt Institute Foundation's Luminary Award for Innovation.



AI FOUNDATION LAUNCHES SUSTAINABILITY RESEARCH EFFORT

On January 16, 2024, the Asphalt Institute Foundation signed a contract with internationally renowned consultant,



Wood Mackenzie, to advance a pragmatic understanding of markets, velocity of

change, and the realities of asphalt binder supply chain amidst varying decarbonization policy scenarios.

Thanks to the generous funding of Associated Asphalt and Marathon Petroleum Company LP, AIF awarded the largest research contract in the Foundation's 10-year history.

The US Department of Transportation's path is for an economy wide net-zero transition by 2050. Asphalt binders are widely used as construction materials in pavement infrastructure and roofing products, making up over 93 percent of pavements in the US consuming over 22MM tons of asphalt annually. Global demand is estimated to be over 103MM tons per year.

Policy makers, agencies, customers, and investors alike seek direction on potential transition paths to low-carbon and the speed of that change. The answers from the AIF project will aid research and development investment, planning, policy development and implementation, and more.

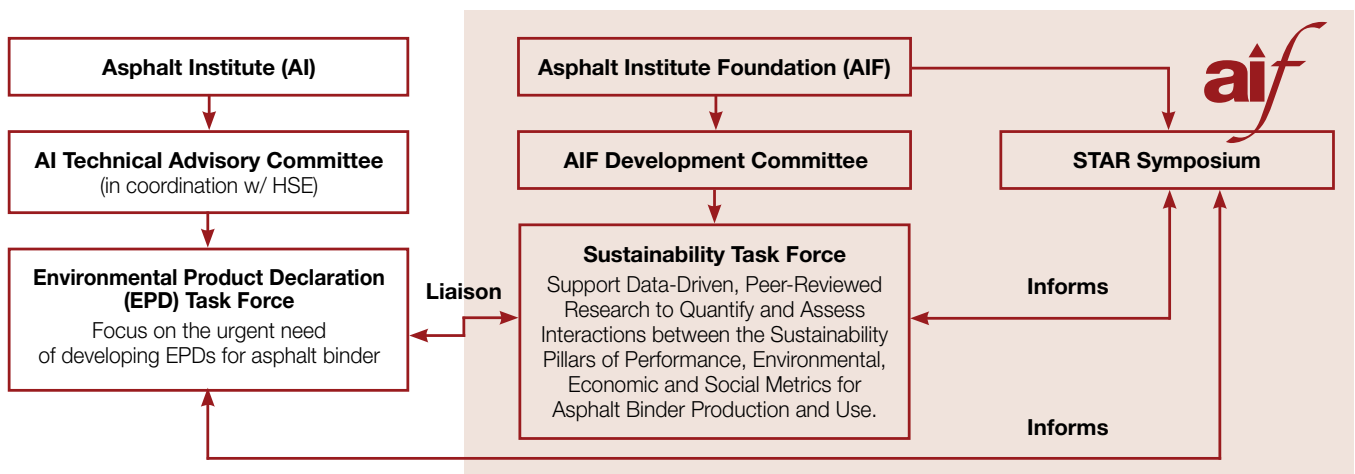
The Asphalt Institute Foundation wishes to explore likely pathways as our world trends towards a net-zero future. What does that look like for asphalt binders? Do asphalt binders as construction materials have a future in a reduced fossil fuel consumption environment? What is the likely speed of that change, if any?

Wood Mackenzie's work is guided by the AI Foundation Sustainability Oversight Panel comprised of the following individuals:

- **John Brownie**, Imperial Oil (ExxonMobil)
- **Lora Collins**, Marathon Petroleum Company LP
- **Brooke DeVincenzi**, BP Asphalt
- **Jeff Schneider**, Flint Hills Resources, LP
- **Todd Thomas**, Asphalt Materials, Inc.
- **Ralph Shirts**, AI Emeritus (ExxonMobil-Retired)
- **Siobhan McKelvey**, Eurobitume

Outcomes from the study will provide inputs for the Asphalt Institute Foundation's Marketing & Communications Committee to develop long-term sustainability messaging from our industry. Further, this research may provide insights on how our industry can remain vibrant in a net-zero world.

SUSTAINABILITY INITIATIVES



SUSTAINABILITY





CELEBRATING 10-YEARS OF THE ASPHALT INSTITUTE FOUNDATION

This year marks a decade since the Asphalt Institute Foundation held its inaugural board meeting in Boston, Massachusetts, in August 2014. The fruit of a decade of work by an army of volunteers, dedicated leaders and financial contributors are detailed on these pages. The achievements are remarkable for a mere 10-year span of work. It's a celebration in itself!

The vision of a Foundation to complement the mission of the Asphalt Institute emerged from discussions in the Asphalt Institute's Chair Advisory Group in May of 2013. At that time, Ralph Shirts told the Asphalt Institute's Executive Committee that "The time has come to explore creating an AI Foundation to advance the ideals of the Asphalt Institute." Approval was granted and the work of an exploratory task force was soon launched.

The resulting efforts created programs which serve to open doors to career paths in our industry for college students. These initiatives help fund their education, give them an expanded internship program in collaboration with Asphalt Institute member companies and give their professors tools to teach asphalt-related topics both in the classroom and a laboratory setting.

We are funding research to advance the asphalt binder industry. In the first decade of existence, we have held two Strategic Asphalt Research (STAR) Symposiums which pulled together some of the most intelligent and experienced leaders in our industry for collaborative discussions about future needs and challenges.



Ten years! To commemorate this great milestone, the AI Foundation will host two events that will be held in conjunction with the Asphalt Institute's summer and annual meetings in Salt Lake City and Orlando respectively.

Join us to make these events as remarkable as our history by considering a sponsorship. Contact anyone on the Development Committee or the Foundation's Director of Programs and Development, Susie Tanner, for more information.

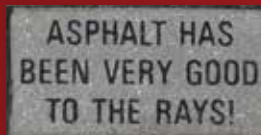


"The asphalt industry has provided our family with endless opportunities, lifelong friendships and countless memories. Contributing to the AI Foundation shows our unwavering support for the mission of the foundation, as well as giving back to an industry that has given so much to us."

Harold (Chip) & Beth Ray
AI Foundation Supporters Since 2017

"Asphalt has been very good to the Rays!"

– Inscription on The Ray's brick in the AI Foundation Courtyard in Lexington, KY.





2023 ASPHALT INSTITUTE FOUNDATION **FELLOW AWARD RECIPIENTS**

The following donors were recognized at the AI Awards Dinner on December 6, 2023, in San Antonio, Texas, as Asphalt Institute Foundation Fellow Award Recipients.

Individuals Contributing over \$10,000

Bob & Michelle Cheever

Corporations Contributing over \$50,000

Marathon Petroleum Company LP

State Farm Insurance Companies



Bob Cheever



Doug Dewey, State Farm Insurance Companies



Lora Collins & John Robertson, Marathon Petroleum Company LP



2023 ASPHALT INSTITUTE FOUNDATION GOLF SCRAMBLE

For the eighth year, the Asphalt Institute Foundation Golf Scramble was hosted at La Cantera Golf Club in San Antonio, TX on December 6, 2023. Held in conjunction with the Asphalt Institute's Annual Meeting, 148 golfers participated in the Foundation's largest annual fundraiser.

The 2023 scramble raised \$60,170 for AIF's education programs and research initiatives. This was the second



Rob Treece, AIF Golf Task Force Chair, congratulates René Dufresne of Bitumar Inc. as the winner of the 2023 AIF Putting Green Contest, sponsored by Polyco.

largest amount of net proceeds raised from the event – just \$120 shy of the record set in 2019. Charitable funds raised from this annual event now exceed more than \$400,700.

The ongoing assistance of corporate and

individual donors who support the foundation through the purchase of awards dinner reserved tables, event sponsorships, golf registrations and mulligans are instrumental to the success of this event. Thank you for your unwavering support!

A special word of appreciation goes to members of the 2023 AIF Golf Task Force who worked diligently to plan and conduct a successful event benefiting the foundation's education and research programming. This dedicated group of volunteers works hard each year to ensure our event is top-notch.

AIF would like to recognize Rob Treece (U.S. Oil & Refining Co.) for his dedication to the success of this event. For the past six years, Rob has served as Chair of the Golf Task Force. Under his leadership, the event has continued to grow and has raised net proceeds averaging \$58,000 each year. Thank you, Rob, for your leadership and dedication to one of AIF's signature events!

2023 Asphalt Institute Foundation GOLF TASK FORCE

Rob Treece, Chair
U.S. Oil & Refining Co.

Shawn Baldensperger
United Refining Company

Drew Brooks
Ergon Asphalt & Emulsions, Inc.

Matt Hunt
Colas Inc.

Pat Routledge
Canada Imperial Oil Limited (ExxonMobil)

Gen Theriault
Bitumar Inc.

Cody Worden
Pioneer Oil, LLC



**2023 AIF Golf Scramble
First Place Team:
René Dufresne,
Marc Theriault,
Tom Lecorchick, Jr. &
Tom Lecorchick, Sr.**

ASPHALT INSTITUTE FOUNDATION

2023 GOLF SCRAMBLE SPONSORS

CLUBHOUSE SPONSOR



GOLF BALL SPONSOR



GOLFER VALUABLES POUCH SPONSOR



LUNCH SPONSORS



AWARDS DINNER WINE SPONSORS



GOLF TOWEL SPONSOR



GOLFER CARE KIT SPONSOR



HOLE-IN-ONE CONTEST SPONSORS



DRIVING RANGE SPONSOR



PUTTING GREEN CONTEST SPONSOR



BOTTLED WATER SPONSOR



HOLE SPONSORS



GOLF BALL MARKER SPONSOR



CLOSEST TO THE PIN CONTEST SPONSORS



U.S. Oil & Refining Co.

LONGEST DRIVE CONTEST SPONSORS



Improving the road ahead.



U.S. Oil & Refining Co.





FINANCE HIGHLIGHTS FOR 2023

The Asphalt Institute Foundation Finance Committee is reporting total assets of \$4.4MM at December 31, 2023, compared to \$3.1MM in the prior year. 2023 proved to be a positive year with approximately \$857K in donations, \$62K in sponsorships and investment income of just under \$500K. As a result, the Foundation’s investment accounts have grown to a total of \$3.78MM. A great story as we enter our tenth year.

Revenue of \$1.28MM for 2023 includes \$308K for in-kind contributions from the Asphalt Institute for administration, fundraising and programs. 2023 revenue also includes \$118K from the golf scramble that took place in December 2023. The net proceeds of this event are \$60K and exceeded expectations as the second largest net funds raised from the event since inception.

The Foundation’s research program had a busy year with expenses of \$119K going toward the State Farm Asphalt Shingle Durability research project. This work was sponsored by State Farm Insurance Companies who seeks to extend the program in 2024. 2023 was also a successful year in our education programs. The Kirk Scholars and internship programs offer educational opportunities and showcase career options for college level students.

A LOOK AHEAD

The Foundation is excited to plan for celebrations as we enter our tenth year. With a milestone like this, we are anticipating generous contributions as well as sponsorship revenue to help cover the cost of events to commemorate the anniversary.

Research and Sustainability are the areas most likely to grow during 2024. Thanks to contributions earmarked to both areas, the Foundation will place focus on these initiatives, per our mission: *to advance and improve the liquid asphalt industry and the welfare of the general public.*

An annual audit of the financial records of the Asphalt Institute Foundation is performed by Dean Dorton Allen Ford, PLLC, Certified Public Accountants. A copy of the audit report is available upon request.



“Supporting the Asphalt Institute Foundation is an investment in the future of our great industry. The Foundation’s focus on advancing our profession is evident from the broad educational programs and strategic research initiatives that have taken place over the past decade. It’s an honor to personally support these initiatives and see the foundation’s growth for the betterment of our industry.”

Bob & Michelle Cheever
AI Foundation Supporters Since 2017

-The Cheever Family attending a Boston Red Sox game in June 2023. The family was the winning bidder on the tickets donated by Seth Hankowski (All States Materials Group) at the 2022 AIF Golf Scramble Auction.

#64

Corporate
& Individual
Donors

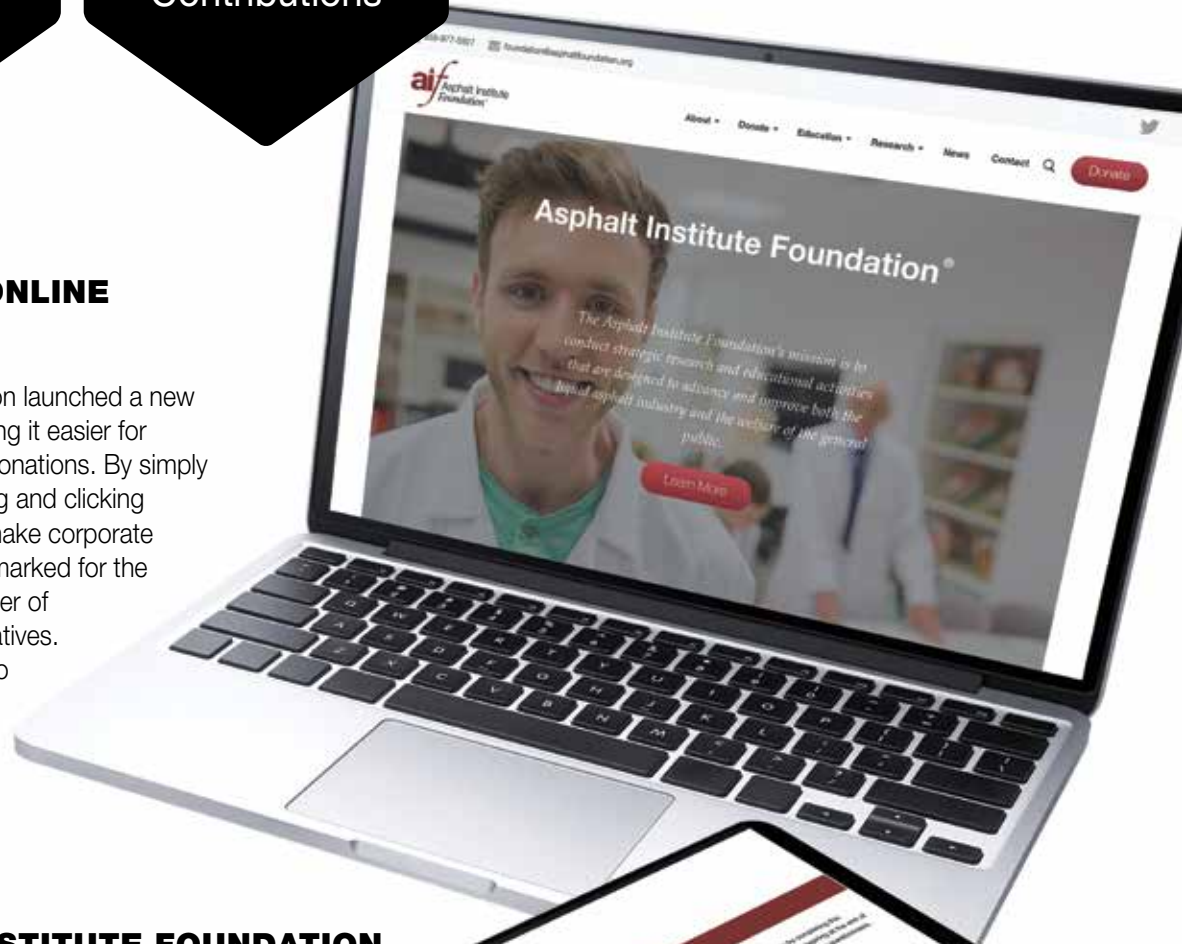
\$919,242

Total Amount of
Contributions

2023 A YEAR OF IMPACT

AI FOUNDATION ONLINE CONTRIBUTIONS

In fall 2023, the AI Foundation launched a new element of its website, making it easier for supporters to make online donations. By simply visiting asphaltfoundation.org and clicking **Donate**, contributors can make corporate and personal donations earmarked for the AIF General Fund or a number of education and research initiatives. Visit asphaltfoundation.org to learn more about how you can help us attain our mission and goals.



2025 ASPHALT INSTITUTE FOUNDATION CALL FOR VOLUNTEERS

Each year the Asphalt Institute Foundation seeks volunteers to fill numerous board, committee and task force positions. AIF's volunteer leaders are vital in helping the Foundation meet goals and advance our mission for a future generation of industry leaders. Opportunities to serve are available each year during the AI Foundation's Call for Volunteers Survey. Individuals do not have to be employed with an Asphalt Institute member company – they just need a passion for serving and advancing the ideals of the Foundation. The Call for Volunteers Survey will open in late-Summer 2024 and individuals will be slated in early October by the AI Foundation Nominating Committee. To learn more or receive a copy of the survey, please contact Susie Tanner at stanner@asphaltfoundation.org.





ASPHALT INSTITUTE FOUNDATION 2024 COMMITTEES

Development Committee

Larry Tomkins

Chair (2025)
Ergon Asphalt & Emulsions, Inc.

Luis Gomez

Member (2024)
Gunvor SA

Austin Miller

Member (2024)
Wright Asphalt Products
Company LLC

Guy Sisler

Member (2024)
Cenovus Energy

Kristina Eiting

Member (2025)
Owens Corning Roofing
and Asphalt, LLC

Scott House

Member (2025)
BP Asphalt

Tony Kriech

Member (2025)
The Heritage Group

Holly Read-Myers

Member (2025)
SWT Group

Ex-Officio

John Barrington

AIF Chair (2024)
Blue Tide Environmental

Bob Cheever

AIF Vice Chair (2024)
Jebro Inc.

Sean Jendry

AIF Treasurer (2025)
Associated Asphalt

Harold (Chip) Ray

Immediate Past AIF Board Chair
(2024)
Asphalt Materials, Inc.

Cody Worden

Immediate Past Committee Chair
(2025)
Pioneer Oil LLC

Ralph Shirts

AI Emeritus (2024)

Ex-Officio Staff

Peter T. Grass

President

Susie Tanner

Director, Programs
& Development

Education Committee

Austin Miller

Chair (2024)
Wright Asphalt Products
Company LLC

Amanda McGennis

Member (2024)

Kevin McGlumphy

Member (2024)
Associated Asphalt

Timothy Pinkelman

Member (2024)
Owens Corning Roofing
and Asphalt, LLC

Gaylon Baumgardner

Member (2025)
Paragon Technical Services, Inc.
(Ergon)

Bob Sedon

Member (2025)
United Refining Company

Cody Worden

Member (2025)
Pioneer Oil LLC

Ex-Officio

Greg Malarkey

AI Emeritus (2024)

Ex-Officio Staff

Mark Buncher

Director, Engineering

Susie Tanner

Director, Programs
& Development

Finance Committee

Sean Jendry

Chair (2025)
Associated Asphalt

Guy Sisler

Member (2024)
Cenovus Energy

Cody Worden

Member (2024)
Pioneer Oil LLC

Drew Brooks

Member (2025)
Ergon Asphalt & Emulsions, Inc.

Ex-Officio

John Barrington

AIF Chair (2024)
Blue Tide Environmental

Bob Cheever

AIF Vice Chair (2024)
Jebro Inc.

Harold (Chip) Ray

Immediate Past AIF Board Chair
(2024)
Asphalt Materials, Inc.

Larry Schreiner

Immediate Past Committee Chair
(2025)

William Thorpe Jr.

AI Emeritus (2024)

Ex-Officio Staff**Peter T. Grass**

President

Danielle Steinberg

Controller

**Marketing &
Communications
Committee****Lora Collins**

Chair (2024)

Marathon Petroleum Company LP

Todd Hillard

Member (2024)

Asphalt Materials, Inc.

Donna Kwapis

Member (2024)

Nouryon

Matt Hunt

Member (2025)

Colas, Inc.

Dominic Kruggel

Member (2025)

Mathy Construction Company

John Shutts

Member (2025)

Russell Standard

Ex-Officio**Lee Schloss**

Immediate Past Committee Chair
(2024)

Kokosing Materials, Inc.

Robert Bailey

AI Emeritus (2024)

Ex-Officio Staff**Tracie Schlich**

Director, Marketing & Membership

Susie Tanner

Director, Programs & Development

Research Committee**Tony Kriech**

Chair (2025)

The Heritage Group

Ann Hamer

Member (2024)

Wright Asphalt Products

Company LLC

Andrew Hanz

Member (2024)

Mathy Construction Company

Hassan Tabatabaee

Member (2024)

Cargill Bioindustrial

Todd Thomas

Member (2024)

Asphalt Materials, Inc.

Steve Buckner

Member (2025)

Flint Hills Resources, LP

Kevin Carlson

Member (2025)

Jebro Inc.

Leah Lemmons

Member (2025)

Malarkey Roofing Products

Kevin McGlumphy

Member (2025)

Associated Asphalt

John Noel

Member (2025)

Imperial Oil (ExxonMobil)

Ex-Officio**John Barrington**

AIF Chair (2024)

Blue Tide Environmental

Laurand Lewandowski

Immediate Past Committee Chair
(2025)

Owens Corning Science and
Technology, LLC

James Freeman

AI Emeritus (2024)

Ex-Officio Staff**R. Michael Anderson**

Director, Research
& Laboratory Services

Mark Buncher

Director, Engineering

Golf Task Force**Drew Brooks**

Chair (2024)

Ergon Asphalt & Emulsions, Inc.

Shawn Baldensperger

Member (2024)

United Refining Company

Matt Hunt

Member (2024)

Colas, Inc.

Holly Read-Myers

Member (2024)

SWT Group

Patrick Routledge

Member (2024)

Canada Imperial Oil Limited
(ExxonMobil)

Gen Theriault

Member (2024)
Bitumar Inc.

Ex-Officio Staff**Susie Tanner**

Director, Programs & Development

Crystal O'Brien

Human Resource Manager

Nominating Committee**Timothy Pinkelman**

Chair (2025)
Owens Corning Roofing
and Asphalt, LLC

Lee Schloss

Member (2024)
Kokosing Materials, Inc.

Cody Worden

Member (2024)
Pioneer Oil LLC

Holly Read-Myers

Member (2025)
SWT Group

Ex-Officio**John Barrington**

AIF Chair (2024)
Blue Tide Environmental

Bob Cheever

AIF Vice Chair (2024)
Jebro Inc.

Harold (Chip) Ray

Immediate Past AIF Board Chair
(2024)
Asphalt Materials, Inc.

Ralph Shirts

AI Emeritus (2024)

Ex-Officio Staff**Peter T. Grass**

President

Susie Tanner

Director, Programs & Development

Kirk Scholars Review Panel**Bill Kirk**

Chair (2025)
Associated Asphalt

Shireen Kirk

Member (2025)
Associated Asphalt

Gayle Fee

Member (2024)
Flint Hills Resources, LP

Bob Sedon

Member (2025)
United Refining Company

Ex-Officio Staff**Peter T. Grass**

President

Susie Tanner

Director, Programs & Development

**Fred M. Fehsenfeld, Sr.
Catalyst for Change Initiative
Council****Tony Kriech**

Chair (2025)
The Heritage Group

Geoff Dillon

Member (2025)
Heritage Construction + Materials

Gaylon Baumgardner

Member (2025)
Paragon Technical Services, Inc.
(Ergon)

Clint Rybak

Member (2025)
Phillips 66 Company

Ex-Officio Staff**Peter T. Grass**

President

Sustainability Oversight Panel**John Brownie**

Member (2024)
Imperial Oil (ExxonMobil)

Lora Collins

Member (2024)
Marathon Petroleum Company LP

Brooke De Vincenzi

Member (2024)
BP Asphalt

Jeff Schneider

Member (2024)
Flint Hills Resources, LP

Todd Thomas

Member (2024)
Asphalt Materials, Inc.

Ex-Officio**Ralph Shirts**

AI Emeritus (2024)

Siobhan McKelvey

Eurobitume Representative (2024)
Eurobitume

Ex-Officio Staff**Peter T. Grass**

President

Chait Bhat

Sustainability Engineer

Susie Tanner

Director, Programs & Development



ASPHALT INSTITUTE FOUNDATION **CONTRIBUTIONS**

As of January 31, 2024

Cornerstone Contributor **\$1,000,000 - \$1,999,999**

Asphalt Materials, Inc.*
Ergon Foundation, Inc.

2019 Centurion Fellow **\$500,000 - \$999,999**

Associated Asphalt
ExxonMobil
Kirk Family Foundation

Herbert Spencer Fellow **\$250,000 - \$499,999**

Fred M. Fehsenfeld, Jr.*
Tony & Andrea Kriech*

1919 Founders Fellow **\$100,000 - \$249,999**

Malarkey Roofing Products
State Farm Insurance Companies

Ken H. Dozier Fellow **\$50,000 - \$99,999**

Ergon Asphalt & Emulsions, Inc.
Jebro Inc.
Marathon Petroleum Company LP

Prevost Hubbard Fellow **\$25,000 - \$49,999**

All States Materials Group
Asphalt & Fuel Supply, LLC
Hunt Refining Company
Kokosing Materials, Inc.
Gregory & Mardee Malarkey
Phillips 66 Company
Polyco
Ponderosa Solutions
Russell Standard

2014 Foundation Club Fellow **\$10,000 - \$24,999**

Bitumar Inc.
Cenovus Asphalt
Bob & Michelle Cheever
CL Consulting & Management
Construction Partners, Inc.
Delek US
Dow Inc.
ECF, Inc.
Pete & Dawn Grass
Greater Cincinnati Asphalt
Terminal 2, LLC
Idaho Asphalt Supply, Inc.
Ingevity
Kraton Corporation
Mathy Construction Company
McCall Asphalt Products
National Asphalt Pavement
Association
Owens Corning Roofing and
Asphalt, LLC
Payne & Dolan, Inc.
Peckham Industries
Harold & Beth Ray
Ralph & Sandi Shirts
Suit-Kote Corporation

J.R. Draney Fellow **\$5,000 - \$9,999**

Association of Modified
Asphalt Producers
Cargill
Flint Hills Resources, LP
Gardner Asphalt Corporation
Interstate Asphalt LLC
John Janes & Family
McAsphalt Industries Limited
Nynas AB
Pioneer Oil LLC
Rogitex Inc.

Shelly & Sands, Inc.
Trafigura
United Refining Company
U.S. Oil & Refining Co.
Valero
World Oil Refining

Union League Club Fellow **\$2,500 - \$4,999**

Asphalt Roofing Manufacturers
Association
Avista Oil
Bituconsult Ltd.
Dave & Kathy Blackburn
Calumet Specialty Products
Partners, L.P.
Crafco, Inc.
Eurobitume
Gunvor SA
Heritage-Crystal Clean, LLC
International Tank Service, Inc. (ITS)
KT Transport Services LLC
Nouryon
The Schloss Family
Slurry Pavers, Inc.
Vecenergy
Wright Asphalt Products
Company LLC

Contributor **Up to \$2,499**

Jeremy Alexander
Albina Asphalt
Chad Anderson
Andrie
Anonymous (3)
Danielle Arasin
Arkema
Earl & Mary Arp

*Combined contributions total more than \$1MM.

Elizabeth Arratia
Asphalt Operating Services, LLC
Astec Industries, Inc.
Atlas Roofing Corporation
Jean Azoury
Shawn Baldensperger
Jim Barlow
John Barrington
Jacqueline D. Bartek
Jason Bartlett
BASF Corporation
Tito Battung
Gaylon & Jill Baumgardner
Thomas & Linda Bertsch
BIM Group
Rod Birdsall
William Blaise
Blue Tide Environmental
BP Asphalt
Drew Brooks
John Brownie
Mark & Cathy Buncher
Baxter & Wanda Burns
Kendal Butler
Jacob Butt
Bradley & Lori Butterfield
Brian Campbell
Chris Campbell
Canadian Asphalt Industries Inc.
Kevin Carlson
Chad Carmichael
John Carrick, Jr.
Kelly Carrick
Centennial Energy, LLC
CertainTeed LLC
Chicago Testing Laboratory, Inc.
Randy Christian
Colas, Inc.
Lora C. Collins
Nicole Corbin
CRH Americas Materials
John Davis
Todd Davis

Dean Dorton Allen Ford Charitable
Foundation, Inc.
Daniel DeJarnette
Geoff & Katie Dillon
Doug & Alice Dixon
Jim Drozdowski
René Dufresne
Dynasol Group
Kristina Eiting
Elbow River Marketing Ltd.
Gayle Fee
Josh Fightmaster
Gary & Carmen Fitts
Jim & Marlene Freeman
JuaN Fritschy
Dennis & Barbara Frykman
Cody Fullerton
GAF
Gallagher Asphalt Corporation
General Liquids Canada Ltd.
Georgia Pacific Chemicals
Danny Gierhart
GIP Materials Engineering
Gorman Asphalt, LTD
Donald & Mary Goss
Charlena Gray
Gulf Coast Asphalt Co. (GCAC)
Seth Hankowski
Andrew Hanz
William Haverland
Dave Henderson
Henry G. Meigs, LLC
Ron Henry
HF Sinclair Refining
& Marketing LLC
Edgard Hitti & Family
Brian Hofstrom
Rick & Vicki Holmgreen
Mark Homer
Scott House
Michael Hudson
Jameson Hulse
ICL Phosphate Specialty

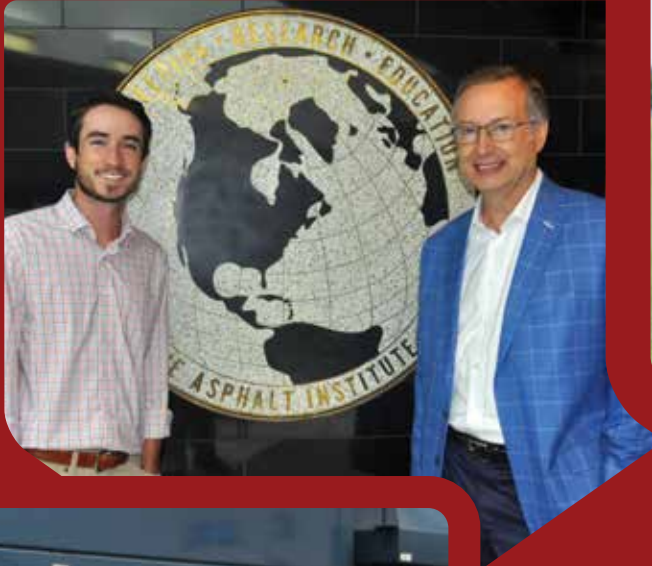
IKO Industries Ltd.
Irving Oil Limited
Brian James
Sean Jendry
Dave & Kathleen Johnson
Lana Johnson Kuypers
H. Wayne Jones & Family
Nathan Jones
Arlis Kadrmaz
Jeanne Kendrick
Matt Kennedy
Rory Klinger
Aaron Korchinski
Damon & Karen Krehbiel
Lafarge Asphalt Technologies
LCY Elastomers LP
Tom Lecorchick, Jr.
Tom Lecorchick, Sr.
Leah Lemmons
Laurand Lewandowski
Steve Lewis
Jonathan MacIver
Adam Maidment
Brian Marler
Marsh & McLennan Agency LLC
Allan Mayhew
Jonathan McElveen
Amanda & Bob McGennis
Kevin McGlumphy
MGQ Terminal, Inc.
Austin & Amanda Miller
Ed Miller
Mission Data
Brenda Mooney
B. Wistar Morris III
Steve Moss
Michael S. Muhr
Murphy Pavement Technology, Inc.
Patrick Nation
Rebecca Newman
Noble Oil Services
Christopher Noland
The O'Brien Family

Michael O'Leary, Ingevity
PABCO Roofing Products
Gale Page
Craig Parker
Rusty Parker
Jon Pepyne
Timothy Pinkelman
PJB Marketing
Plantmix Asphalt Industry
of Kentucky (PAIKY)
PNC Bank
POET-JIVE
PRI Asphalt Technologies Inc.
Dave & Chris Punnett
Holly Read-Myers
Adam Redman
Reed Family Companies
Matt Roberts
Geoff & Jeyna Rowe, Abatech Inc.
Clint Rybak & Family

S&Y Terminal LLC
Safety-Kleen Systems, Inc.
San Joaquin Refining Co., Inc.
Joe & Tracie Schlich
Bob Sedon & Family
Seneca Petroleum Co., Inc.
Gordon Shirts
Chris Shumaker
Soprema, Inc.
Tim & Sandy Spott
Chris & Danielle Steinberg
Stoll Keenon Ogden PLLC
SWT Group
Vince Tallant
Brad & Susan Tanner
Genevieve Theriault
TRCC
Rob Treece
Casey Tuttle
Unique Chemical Solutions, LLC

Vance Brothers, Inc.
Vista Petroleum Services, Inc.
Vitol, Inc.
Jason Wielinski
Frank Wilson
Lisa Wolf
Cody Worden
Yellowline Asphalt Products Ltd.
Tyler Youvan
Lisa Zentner
Tytus Zurawski

**The Asphalt Institute
Foundation thanks the Asphalt
Institute and its staff for the
continued support that has
been instrumental in the
foundation's success over
the past decade.**







asphaltfoundation.org

Asphalt Institute Foundation
2696 Research Park Drive
Lexington, KY 40511-8480
859.977.5927