



# GRIP-FLEX

## Jackpot in Vegas, LAS Seals Shoulders with GRIP-FLEX

Harry Reid International Airport, Las Vegas, NV

This past fall, a decade of professional dialogue and testing culminated in a major airfield preservation project at Harry Reid International Airport (LAS) in Las Vegas, where nearly 500,000 aircraft operations support approximately 55 million passengers each year. The collaboration began in 2013, when engineer Eric McClure of AECOM, Denver, first discussed the potential use of GRIP-FLEX Micro-Surface with Byron Barlow, President of Ameriseal of Ohio, Inc., manufacturer of GRIP-FLEX P-629. Although several test patches were installed throughout Colorado, funding limitations paused work. The two reconnected ten years later, where updated P-629 project photos ignited the idea to use GRIP-FLEX in a different capacity.

Over the past decade, Ameriseal of Ohio, Inc., has completed notable GRIP-FLEX P-629 Spray Seal projects at airports including DFW, ATL, and IAH. The product extends the serviceable life of oxidized asphalt while providing the dark contrast needed to distinguish runways from adjacent shoulders. As asphalt fades to a gray tone similar to PCCP, contrast between white runway markings diminishes, and even black outline paint lightens over time. For pilots taxiing or approaching from the air, this reduced contrast can make it difficult to differentiate between runway and shoulder surfaces.

Eric McClure described the challenge at LAS:

The airport identified the need to rehabilitate the asphalt shoulders on its north-south Runway 1-19 complex. Although the asphalt was structurally sound, oxidation had caused the shoulders to resemble the PCCP runway pavement. With no centerline lighting on this runway system, aircraft were occasionally aligning with the runway edge marking instead of the centerline. After discussions with LAS Operations and the FAA, seal coating the shoulders to restore contrast was recommended.

Having used GRIP-FLEX on similar projects throughout the west, the engineering team determined it could provide the required contrast while extending pavement life. A test section was installed, and its performance was, in Eric's words, "outstanding." Subsequent inspections by LAS Operations and the FAA confirmed that GRIP-FLEX was the ideal solution.

Eric introduced GRIP-FLEX P-629 to the airport in winter 2024, and interest was immediate. By spring 2025, Ameriseal of Ohio, Inc., installed a test section that was approved for full implementation on the 1-19 Runway Complex.

The GRIP-FLEX portion of the project began in early October. The 1-19 complex includes approximately 2.5 million square feet across 1-19 Left, 1-19 Right, and multiple connectors and highspeed turnouts. The P-629 Spray Seal portion of the project was completed in just over 3 weeks while working at night under the bright lights of the Las Vegas Strip.

Completing a project of this magnitude alongside Eric was a capstone achievement for the GRIP-FLEX team, and LAS was an exceptional partner.



# GRIP-FLEX Partners with Hi-Lite Airfield Services, LLC, to Rehabilitate Tennessee Airport Pavements

Beginning in 2024, the Tennessee Department of Transportation (TDOT) launched a statewide initiative to rehabilitate airport pavements through Hi-Lite Airfield Services, LLC under its Sourcwell contract. This ambitious program encompasses approximately 30 airports each year and includes paint removal, crack sealing, pavement marking, preformed thermoplastic installations, and surface treatments such as GRIP-FLEX, which meets the FAA P-629 specification.

Ranging from hangar lanes to primary runways, GRIP-FLEX was selected to restore some of the state's more distressed pavements that would typically be slated for a mill and overlay. GRIP-FLEX Type B Micro-Surface provides a new wearing surface, improves safety and visibility, and extends pavement life. In 2024, eight airports received GRIP-FLEX Type B Micro-Surfacing, with an additional ten airports selected for treatment in 2025.

Morristown Regional Airport (MOR), Fayette County Airport (FYE), Benton County Airport (0M4), and Centerville Municipal Airport (GHM) enhanced the safety and visibility of their primary runways by resurfacing with GRIP-FLEX Type B Micro-Surface.

This statewide program, delivered through a partnership between TDOT, Hi-Lite Airfield Services, LLC, Applied Pavement Technology, Inc., and Garver, represents a pioneering approach to pavement management that is gaining national attention. TDOT and Garver develop the scope of work using pavement assessment data compiled by Applied Pavement Technology, Inc. Once the scope is finalized, pricing is negotiated with Hi-Lite Airfield Services, LLC as the prime contractor. This structure provides exceptional flexibility while leveraging economies of scale to reduce costs by bundling projects across multiple airports.

Throughout the program, GRIP-FLEX has been applied to pavements requiring a more substantial rehabilitation than traditional seal coating or surface treatment methods can provide. As the initiative enters its third year, GRIP-FLEX will continue to serve as an effective, durable solution for restoring Tennessee's more distressed airport pavements.



## FAA Draft Advisory Circular 150/5370-10J

The FAA released a draft update to Advisory Circular 150/5370-10 on April 8, 2025. After a substantial review and comment period, the updated circular is anticipated for publication in the first quarter of 2026.

Significant changes affecting GRIP-FLEX include the separation of drag box and spray applications. Drag box-installed versions of FAA P-629 will now be designated Type A, Type B, and Type C (formerly Sand Slurry). Spray Seal applications, with or without sand aggregate, will fall under the new specification FAA P-629S.

The draft also indicates that both P-629 and P-629S may be approved for use on airport pavements serving larger aircraft than previously allowed. Final details may change following the review process, but the proposed updates appear beneficial. Advisory Circular 150/5370-10J will replace 150/5370-10H upon publication.



# Major Plant Expansion at Ameriseal of Ohio, Inc.

Smithville, OH



4,500 GALLON COOLING TANK

Construction began in December 2025 on a strategic expansion of Ameriseal of Ohio, Inc.'s Smithville, Ohio manufacturing plant that will double the facility's GRIP-FLEX emulsion output capacity. The increased capability is anticipated to come online by summer 2026.

As more airports utilize the FAA P-629 specification for their pavement rehabilitation needs, interest in GRIP-FLEX products continues to rise. Through the combined efforts of trusted local contractors and Ameriseal employees, the project remains on schedule and on budget.

This marks the largest project of its kind in the company's history, and it will be a welcome enhancement to the manufacturing process as demand for GRIP-FLEX products continues to grow.



BINDER TANK



COOLING TANK INSTALLATION

## REQUEST YOUR **FREE** TEST PATCH INSTALLATION TODAY!



330-669-3441



[INFO@GRIP-FLEX.COM](mailto:INFO@GRIP-FLEX.COM)

- MEETS FAA SPECIFICATION P-629
- FUEL RESISTANT
- CHEMICAL RESISTANT
- SKID RESISTANT
- FADE RESISTANT
- DURABLE & LONG LASTING
- AIP & MILITARY FUNDING ELIGIBLE



**IMPROVING YOUR AIRFIELD PAVEMENT WITH OUR EXPERIENCE**

**WE SPECIALIZE IN RESURFACING RUNWAYS, SHOULDERS, TAXIWAYS, APRONS AND RAMPS**

# 2026 Aviation Conferences

FEB 11-13	South Carolina Airports Conference
FEB 18-19	Michigan Airport Conference
FEB 23-25	Tennessee Airports Conference
MAR 8-11	Oklahoma Airport Operators Assoc. Conference
MAR 18-20	North Carolina Airports Assoc. Conference
MAR 25-27	Missouri Airports Conference MAMA/MOSAC
MAR 31-APR 3	Texas Aviation Conference
APR 6-8	Ohio Aviation Assoc. Conference
JUN 10-12	Colorado Airport Operators Assoc. Conference
JUL 26-29	Florida Airports Council Conference
AUG 19-21	4 States Airport Conference
SEP 12-16	NASAO Convention & Trade Show
SEP 20-22	Aviation Council of Alabama Conference
SEP 30-OCT 3	Mississippi Airports Assoc. Conference
OCT 7-9	Georgia Airports Assoc. Conference
OCT 7-9	Pennsylvania Aviation Conference
OCT 13-15	Aviation Indiana Conference

JUL TBA	West Virginia Aviation Conference
SEP TBA	Illinois Public Airport Assoc. Conference
OCT TBA	Louisiana Airport Managers Assoc. Conference
OCT TBA	Kentucky Aviation Assoc. Conference
OCT TBA	Arkansas Airport Operators Assoc. Conference

**Any upcoming conferences that you would like us to attend?  
Email [kcoffman@grip-flex.com](mailto:kcoffman@grip-flex.com)**



SCAN QR TO CHECK OUT OUR WEBSITE!



Connect with us!



# GRIP-FLEX



## EMPLOYEE SPOTLIGHT

COLIN LAYLAND



Meet **Colin Layland, Superintendent of Projects**. Colin has been part of the Ameriseal team for 16 years, starting as a crew laborer and working his way into a leadership role overseeing project operations and crew personnel. His work has taken him across the country, where he's visited countless cities and met people whose stories have stayed with him.

Colin takes great pride in the progress he's seen over the years and credits the entire team for upholding the high standards that define GRIP-FLEX. "I've seen so much growth, and I'm proud of every member of this team. It takes all of us performing at a high level."

In his free time, Colin enjoys tackling home projects, family vacations, and pursuing his passion for golf, a sport he loves because there's always room to improve.

Colin resides in Wooster, Ohio with his wife, Madeline, and their two sweet daughters, Valerie and Margot. Whether they're playing, wrestling, or doing arts and crafts, his girls have taught him the true meaning of patience and what it means to be a proud "Girl Dad."