



AMS strives to provide track owners the knowledge and experience needed to construct the best racing surface possible. Since 2003, AMS staff has been directly involved in either the construction or major reconstruction of over 20 tracks, ranging from kart tracks to road courses to oval superspeedways. Examples include:

HOMESTEAD-MIAMI SPEEDWAY

DAYTONA INTERNATIONAL SPEEDWAY

CIRCUIT GILLES VILLENEUVE

LIMEROCK PARK

NOLA MOTORSPORTS PARK

KANSAS SPEEDWAY

THE THERMAL CLUB

THE NATIONAL CORVETTE MUSEUM

MOTORSPORTS PARK





IS THE SURFACE OF YOUR TRACK ERODING AWAY?

This is called raveling; where lateral forces and hot, sticky tires can pull aggregate out of the surface of the track. Sharp turns and flat banking make the problem worse. Loose stones reduce grip and increase tire wear. We design to prevent raveling. If caught early on an existing track, we can help stop it.



IS YOUR TRACK COMING APART AT THE SEAMS?

You can't pave the full width of a track in a single pass, so you end up with a seam or a longitudinal joint. These can ravel, crack, or both. An open joint can let a lot of water in, causing more damage. AMS can specify methods to ensure good joints and delay other cracking. If you already have cracks, we can recommend the right materials to seal those cracks and extend the life of your pavement.

“IN THE WORLD OF AUTO RACING, THE TWO MOST VALUABLE ASSETS A TRACK OWNER CAN HAVE ARE LOYAL FANS AND A DEPENDABLE RACING SURFACE.”

— Bill Braniff, Senior Director of Construction
International Speedway Corporation

WHO WE ARE...

Advanced Materials Services (AMS) is a firm specializing in providing engineering and consulting services for the asphalt industry. We support all aspects of flexible pavement design, testing, and construction inspection, with primary emphasis on pavements in high performance environments, such as airfields, intermodal facilities, and racetracks.

WHAT WE DO...

From new construction to seasoned tracks, we offer customized services to fit your specific needs and budget, such as:

Specification Development

Developed for pavement performance while giving consideration to local materials.

Asphalt Mix Design Verification

Contractor provided asphalt mix designs verified in our lab for approval.

On-site Testing

Ensure materials provided meet project specifications.

Construction Oversight / Inspection

Work with the contractor to implement best practices for racetrack paving. Many typical paving practices are not acceptable for racetracks.

Maintenance and Repair Options

Evaluate distresses, recommend solutions, and educate track staff.

At AMS, we are dedicated to ensuring that track owners receive the best racing surface possible, and will do whatever is necessary to make that happen.