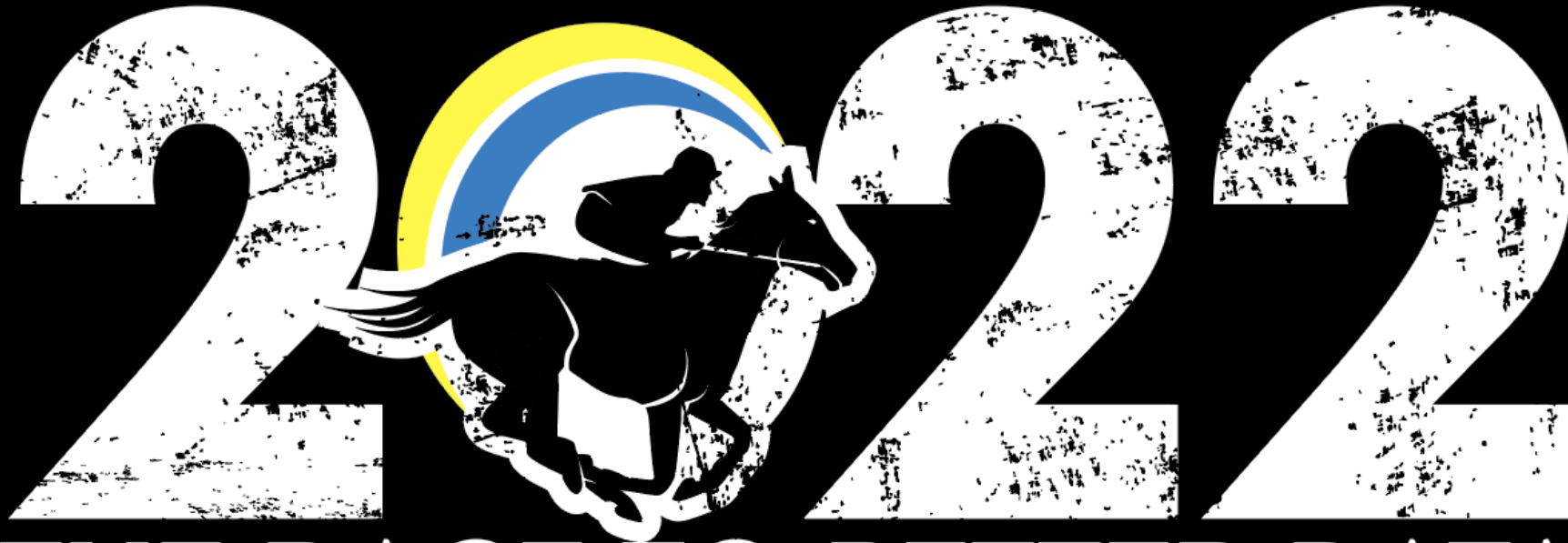


NEW YORK



THE RACE TO BETTER DATA
APRIL 25TH-28TH, SARATOGA SPRINGS

TPF-5(345/463) Surface Properties Consortium

Kevin McGhee

Associate Director of Research, Virginia DOT



Surface Properties Consortium – Ph 2 [TPF-5(345)]

- Partners: CT, FHWA, GADOT, ILDOT, KSDOT, MSHA, MSDOT, NDDOT, OHDOT, SCDOT, TXDOT, and VDOT (\$1.4M)
 - Developing and deploying asset management approaches and tools that help **improve the safety**

Surface Properties Consortium – Ph 3 [TPF-5(463)]

- Partners: CT, FHWA, ILDOT, KSDOT, KYDOT, MSHA, MSDOT, OHDOT, PennDOT, SCDOT, TXDOT, and VDOT (\$1.0M so far)
 - Bring together pavement, maintenance, and safety professionals in concerted pursuit of Zero Deaths on US Highways.

Major Activities

Peer Exchange:

- KS Experience with continuous friction measurement
- NC challenges with wet-crashes on new AC pavements
- NCHRP 10-98, Protocols for network-based macrotexture
- KYTC – Site Categories, Friction Demand, and In-Service Performance



Major Activities (Cont'd)

Continuous Friction (CFME) Testing:

- North Dakota
- Kansas
- Illinois
- New Jersey
- Maryland
- Pennsylvania
- Virginia



The Return of Testing Rodeos

- TRC Ohio - 2018
- Virginia Smart Road – fall 2022
- Illinois “Test Track” – fall 2023?
- Out-year Prospects
 - Texas (RELLIS/TTI)
 - MnRoad
 - Others?



2022 Testing Rodeo

- Concentration (> 35 mph)
 - Macrotexture & Microtexture
 - System sensitivities (speed, temp, etc.)
- Participants (anticipated)
 - Partner States ,FHWA & FAA
 - Vendors/Equip Manuf.
- Test Systems
 - Side-force, Locked-wheel, ?-slip
 - Static, walking, high-speed



2022 Testing Rodeo

