2018 Test Track Research Plan

RANDY WEST

National Center for Asphalt Technology
NCAT
at AUBURN UNIVERSITY

2018 NCAT Test Track Conference

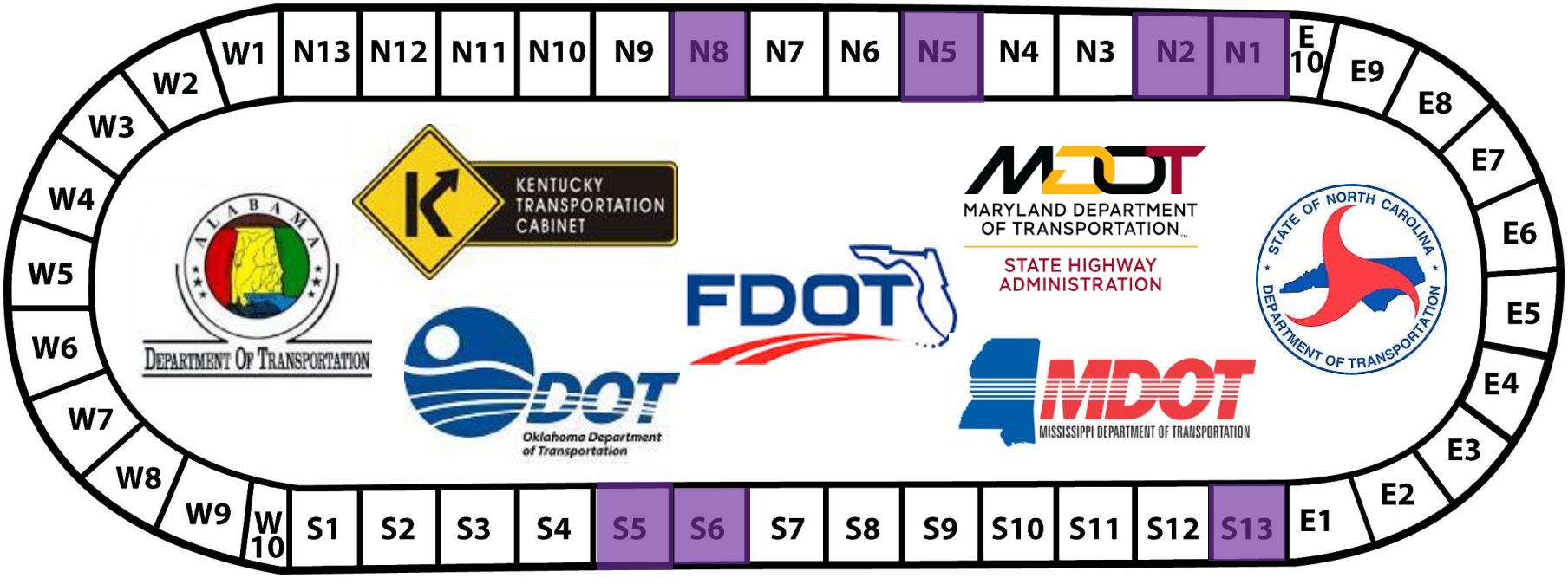
MnROAD + NCAT Partnership

Working together on national need research projects

1. Validating cracking tests for balanced mix design
2. Documenting the life cycle benefits of pavement preservation

2018 Test Track Sections

Cracking Group Experiment



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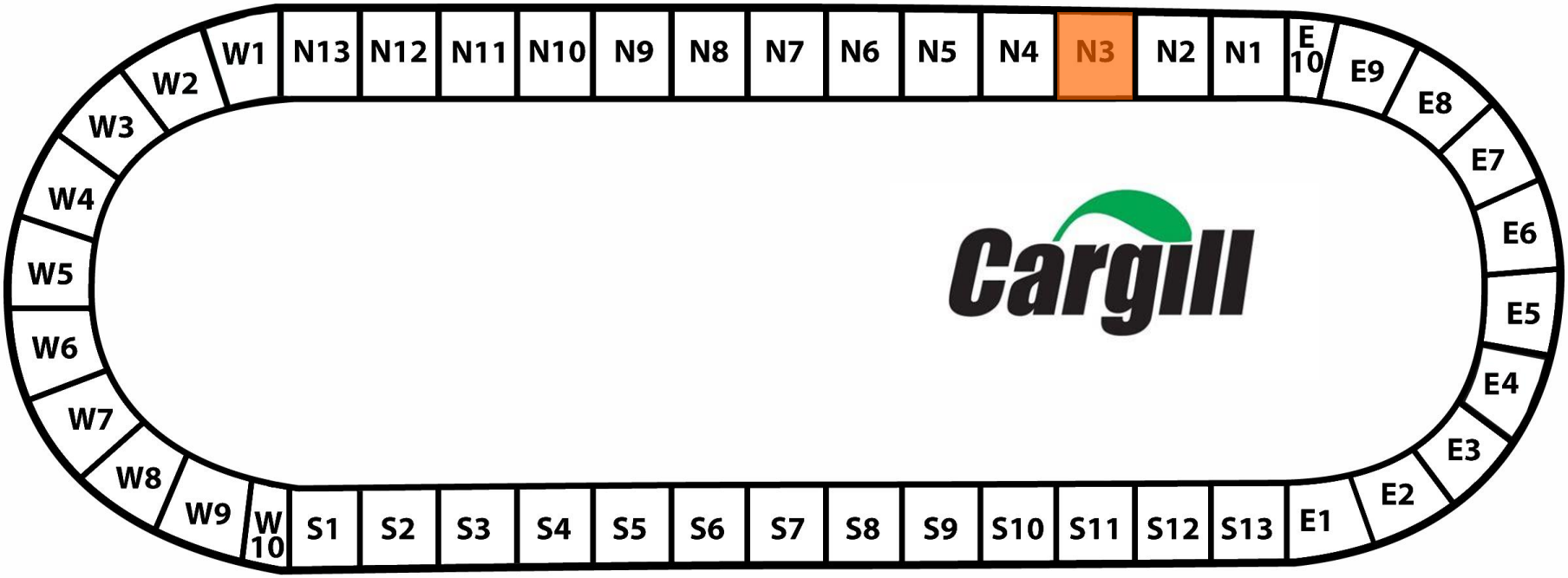
2018 Test Track Sections

High RAP Rejuvenator



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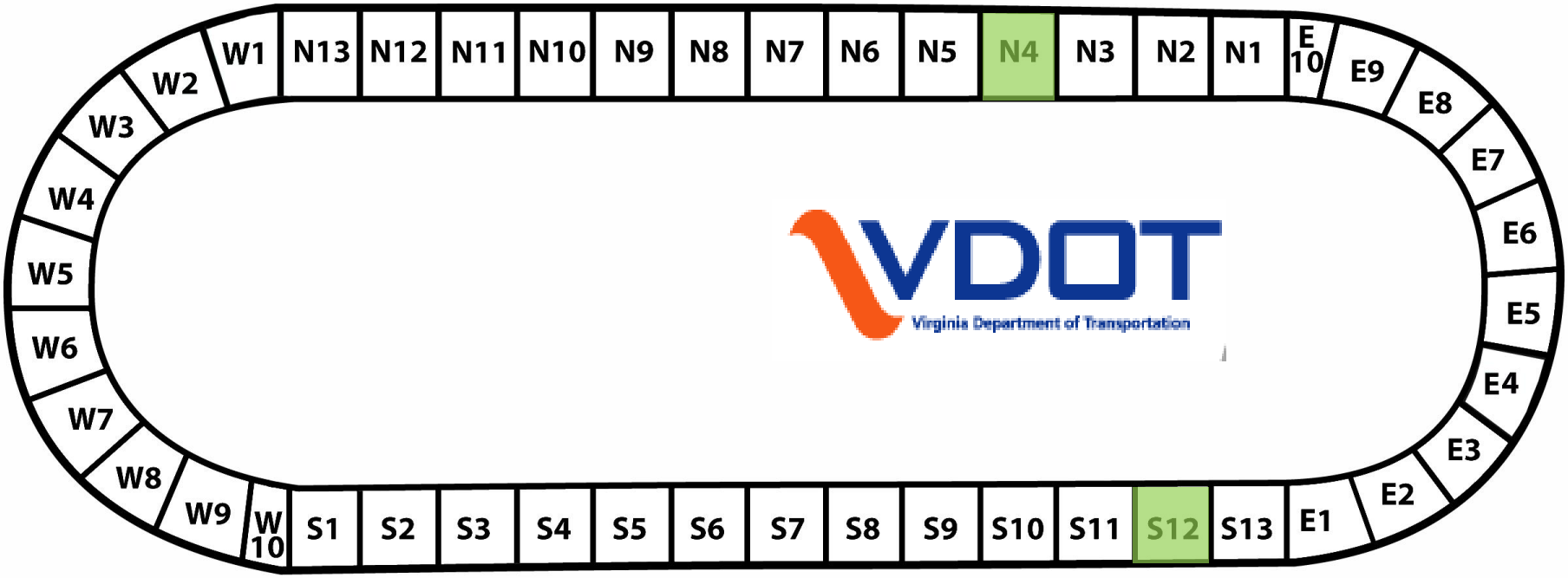
Cold Central Plant Recycling



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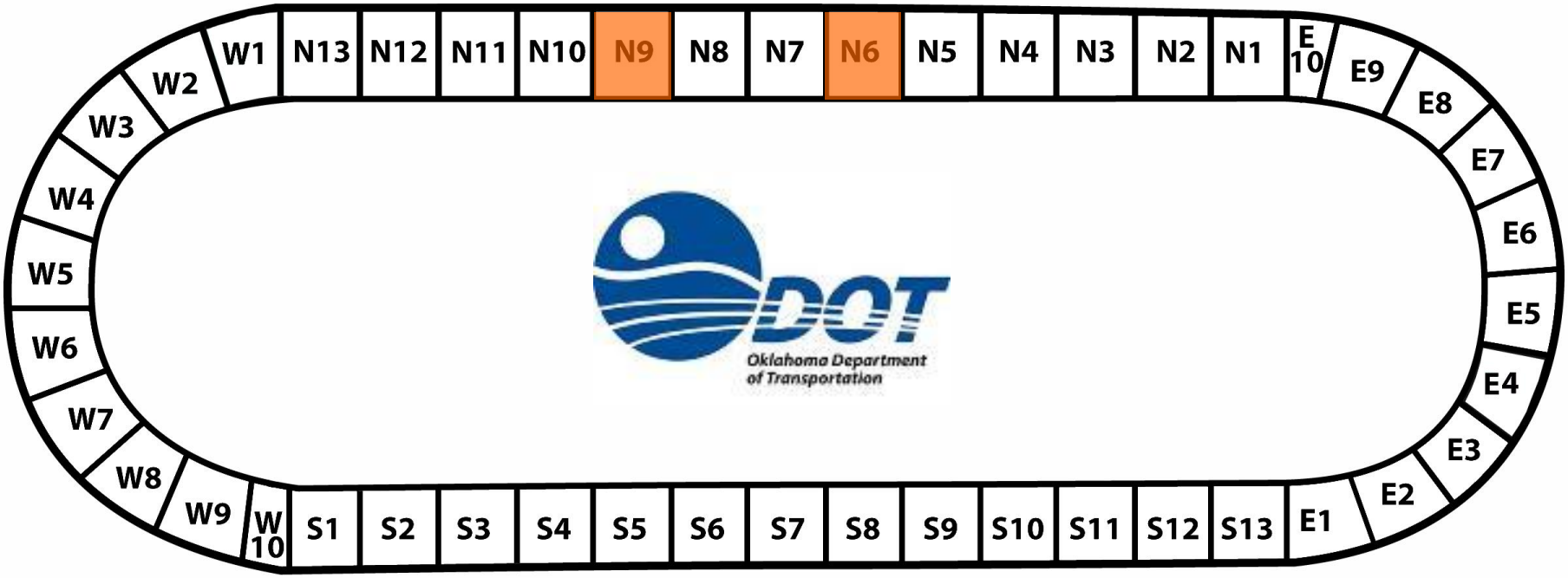
Balanced Mix Design



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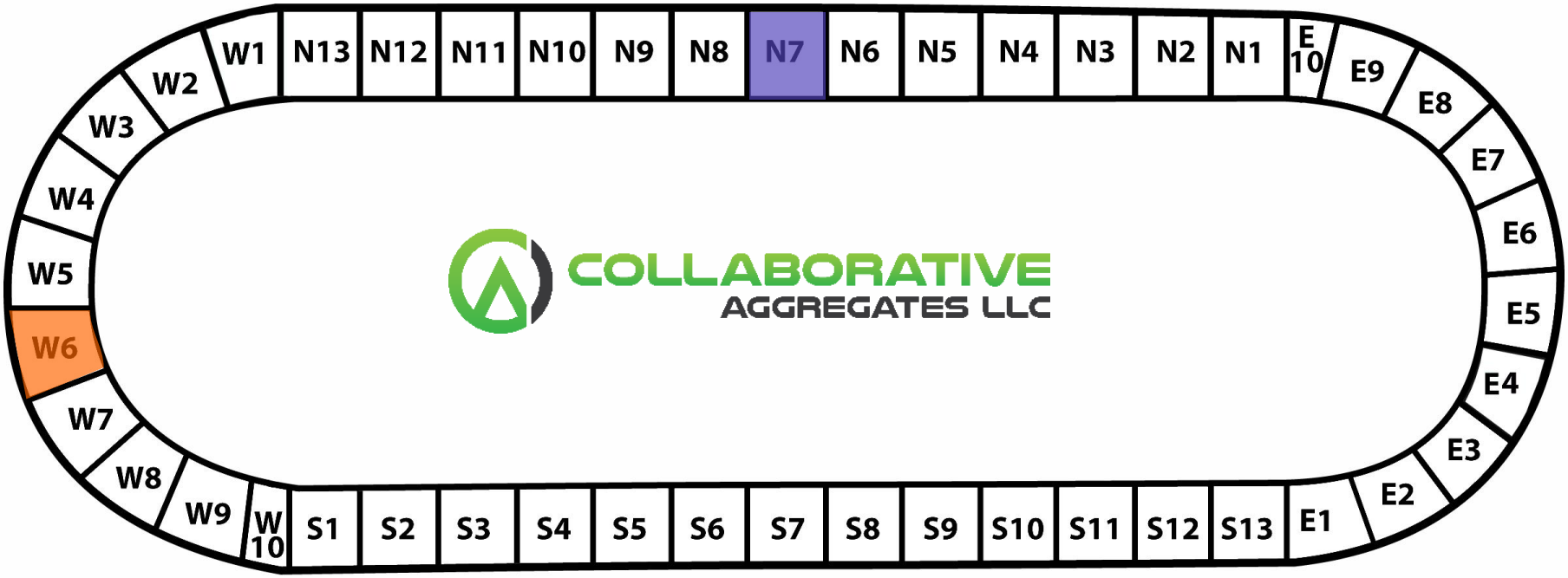
2018 Test Track Sections

High RAP Rejuvenator & Spray Rejuvenator



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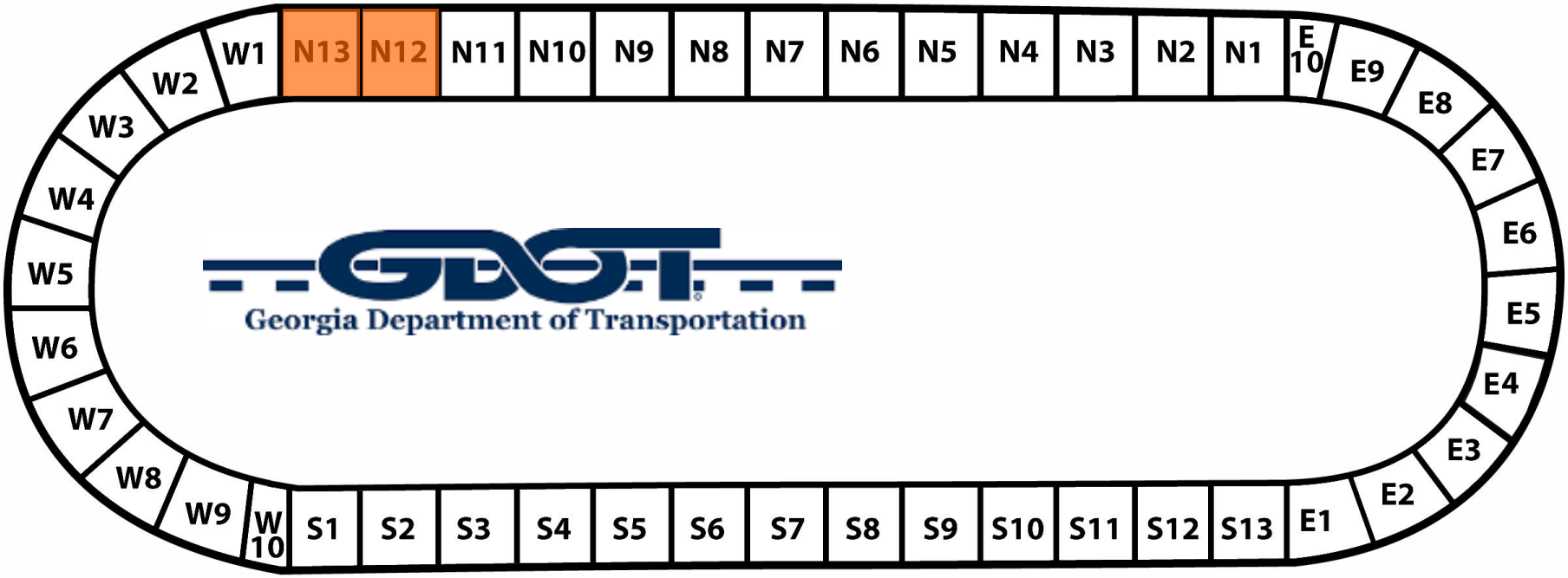
Reflection Cracking Mitigation Treatments



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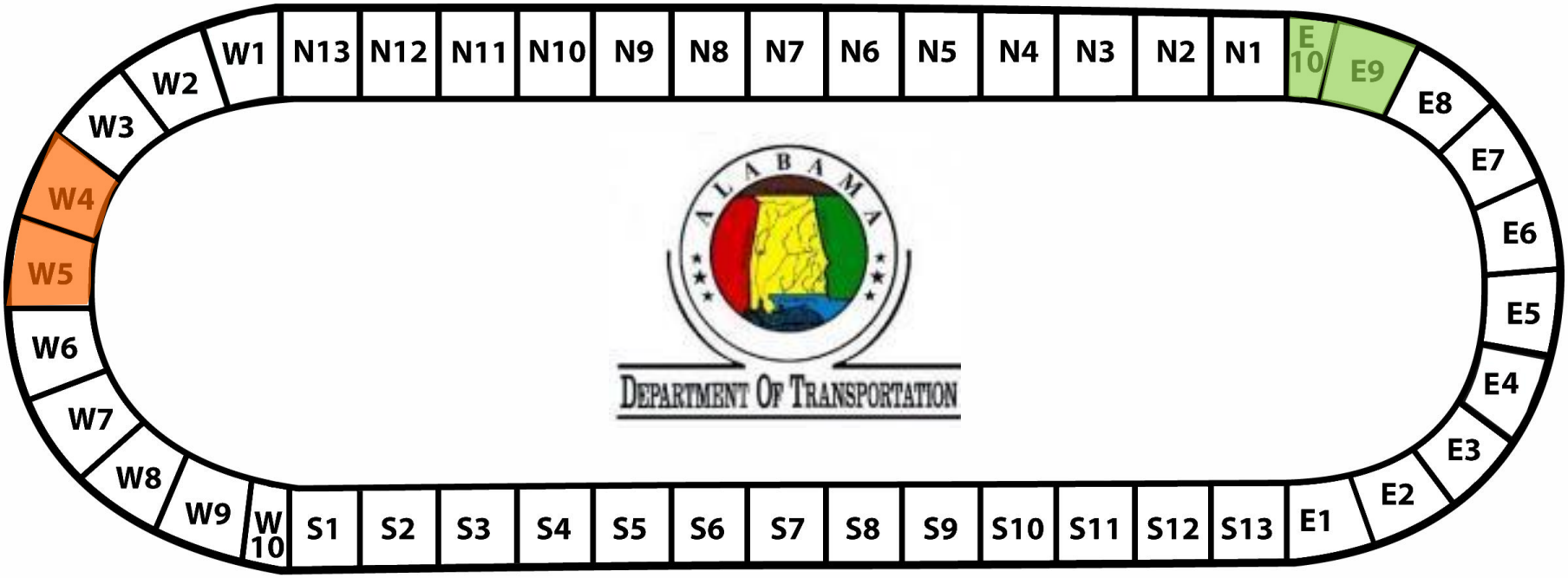
Thinlay Mixes and OGFC Durability



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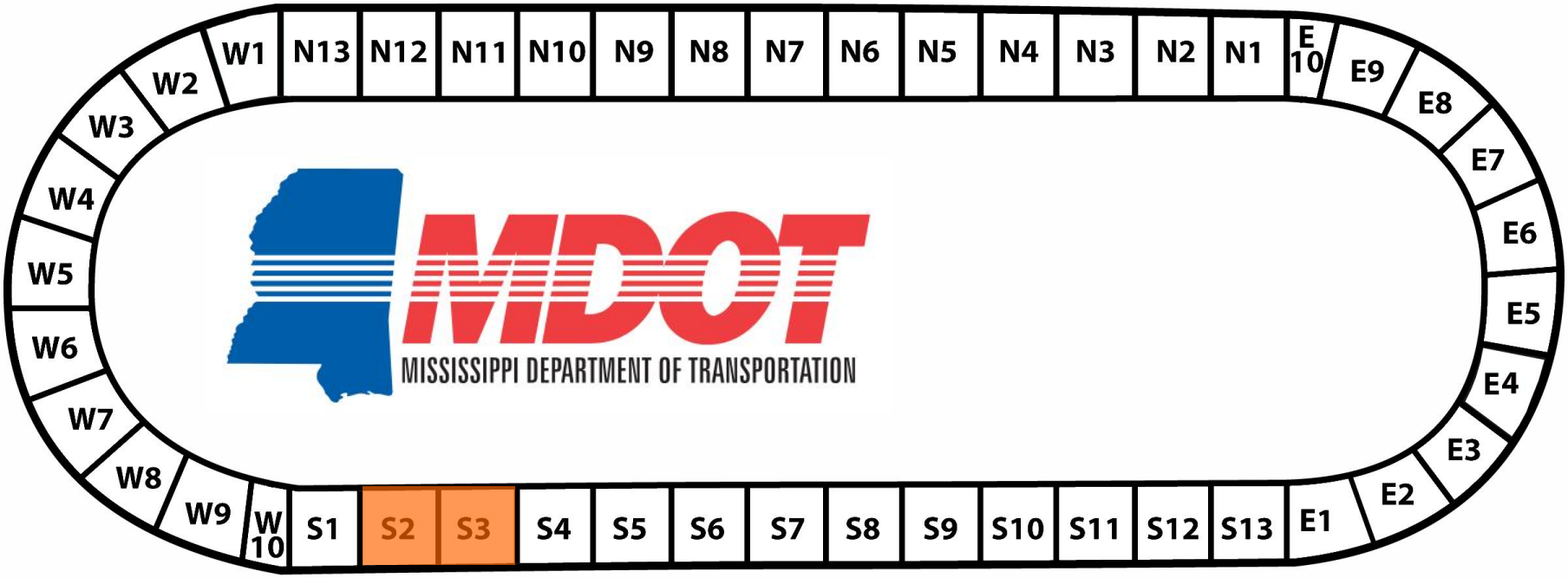
MS Subgrade MEPDG and Spray Rejuvenator



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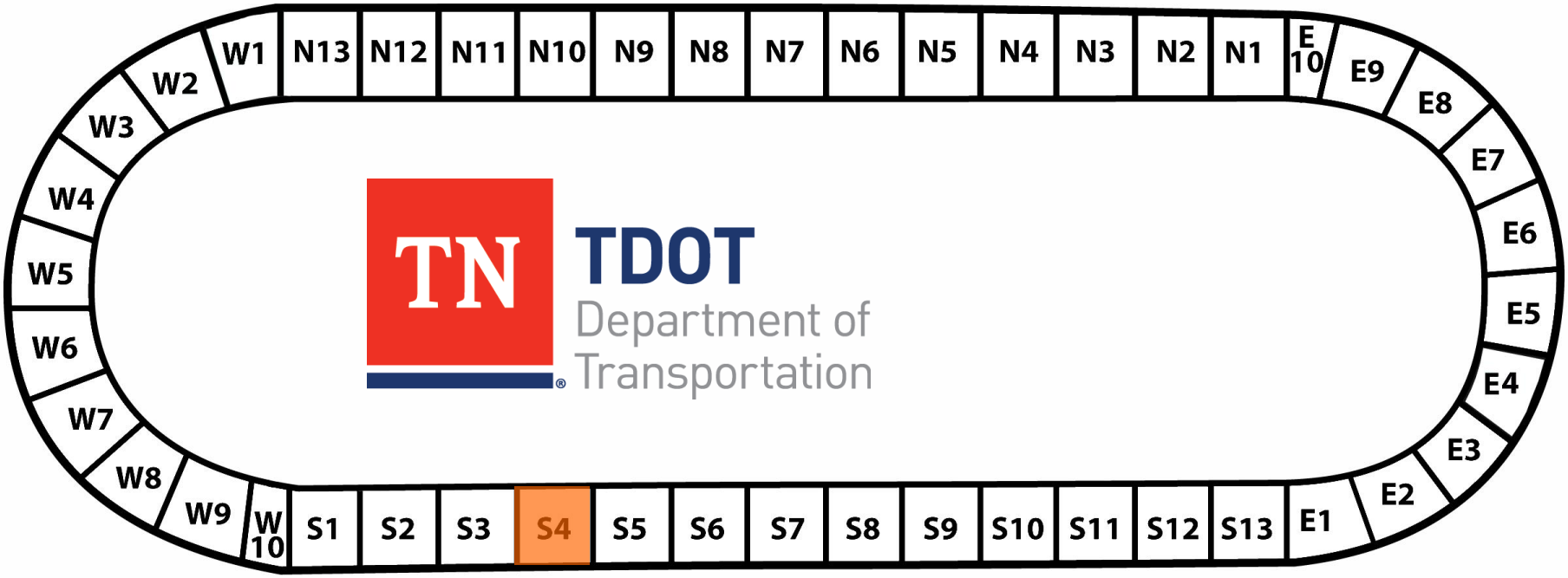
Spray Rejuvenator



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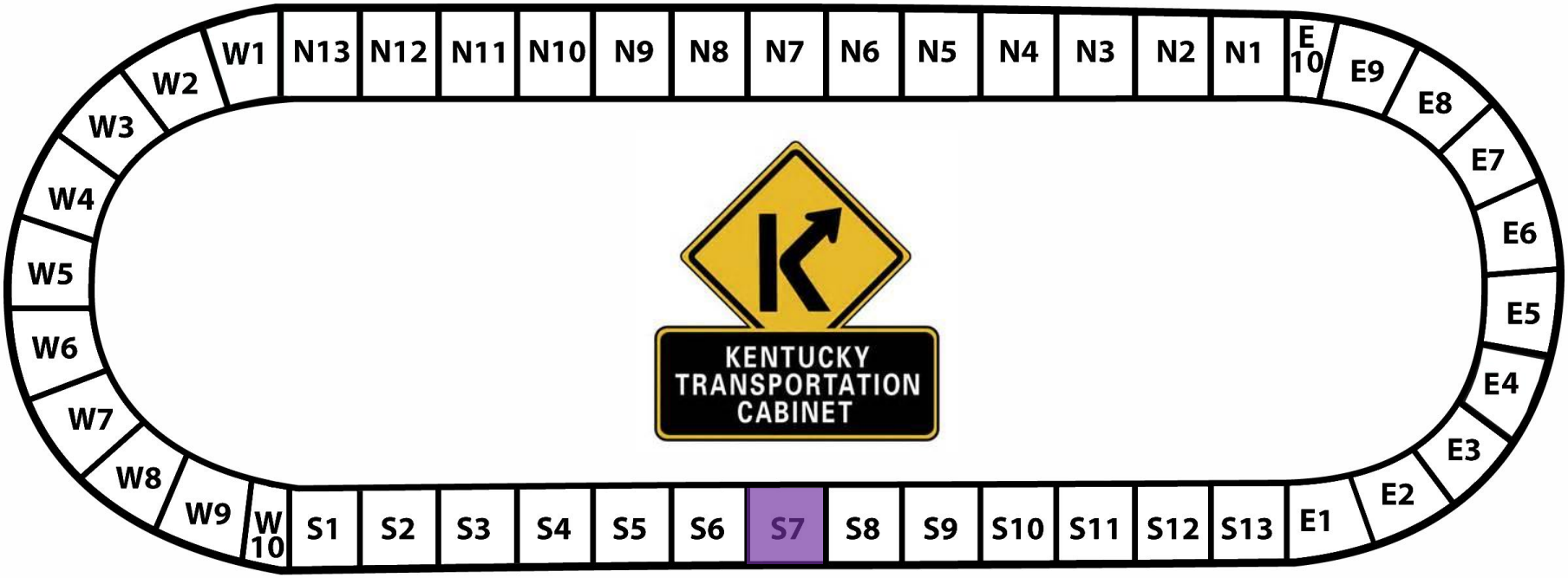
Mix Durability



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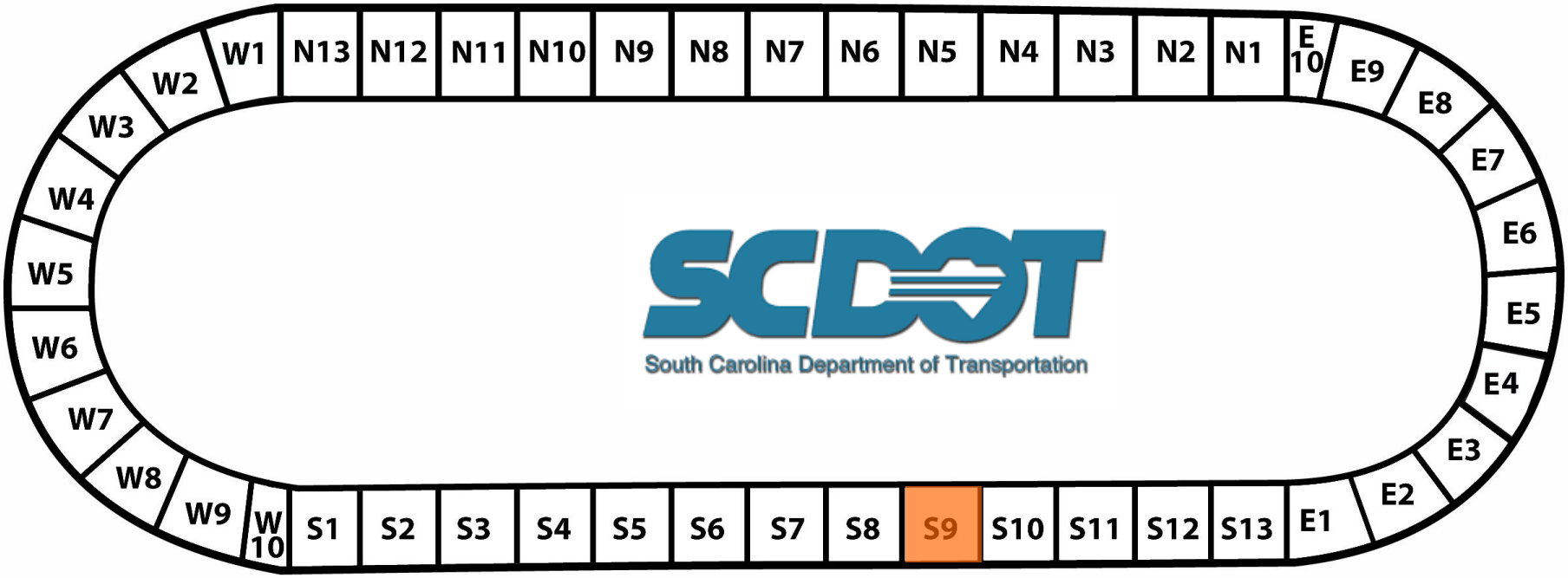
Full Depth, Rapid Rebuild



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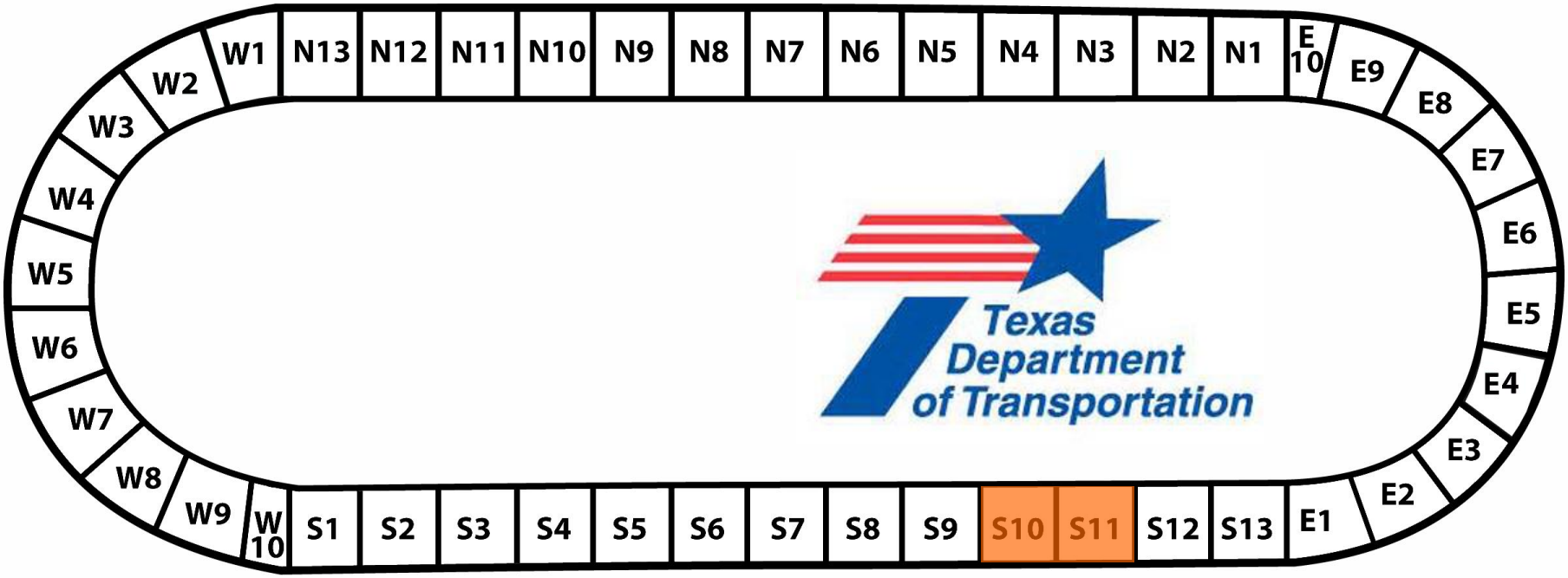
Balanced Mix Design



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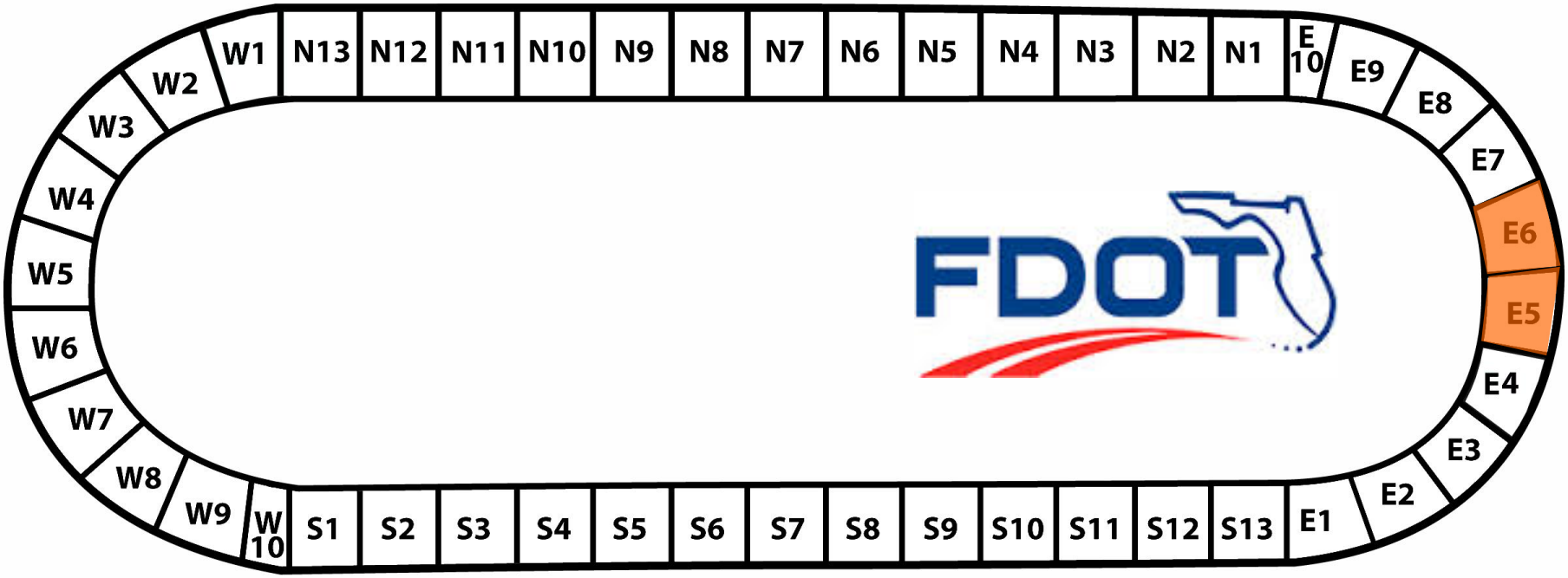
Density Experiment



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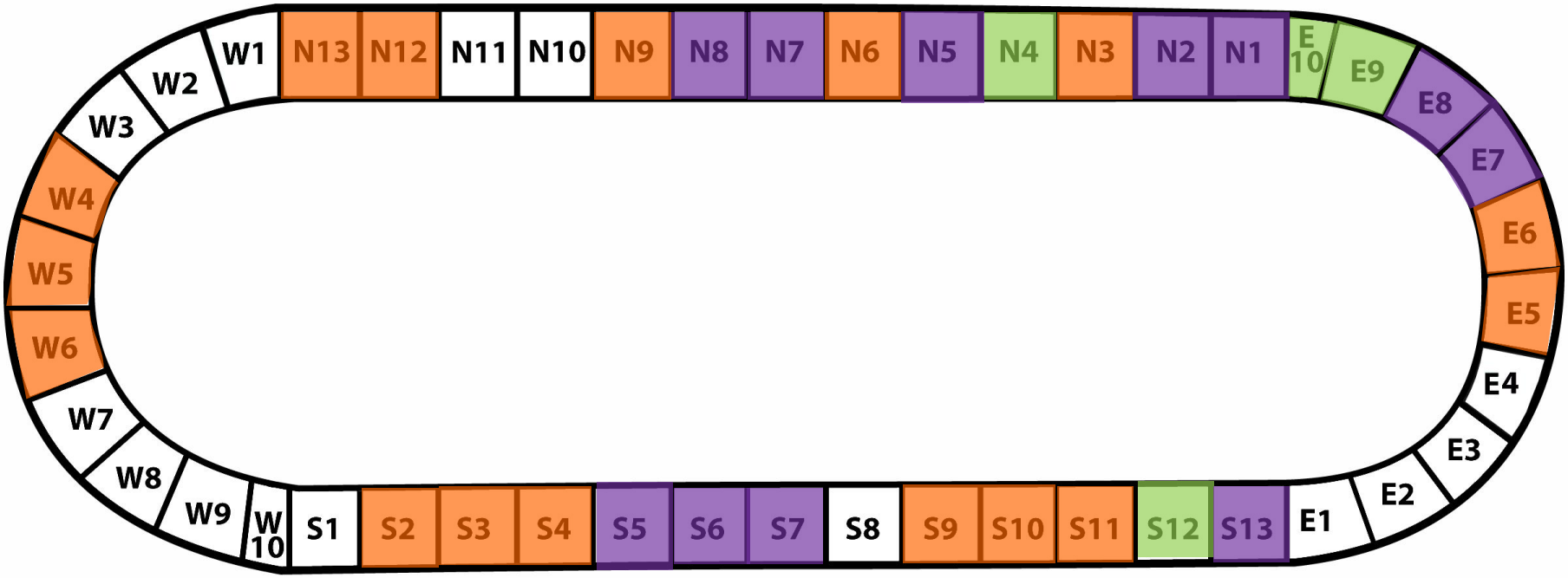

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Department Of Transportation

Cargill

COLLABORATIVE
AGGREGATES LLC

CDOT
CO

FP2

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MnROAD
Safer, Smarter, Sustainable Pavements Through Innovative Research

THANKS!
Any questions?
Reach me at
westran@auburn.edu
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