

Pavement Preservation In Oregon

2023 National Pavement Preservation Conference

Presented by Timothy Earnest, P.E.

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Chip Seals (cont.)

Warranty/Performance Specification

- 2nd successful project
 - US730, OR11 (5200-8200 AADT)
 - 910k sq yd, 79 lane-miles
- High risk areas – significant turning motions w/ loaded trucks
 - How to handle contractually?



Chip Seals (cont.)

Warranty/Performance Specification

- Project that needed spec
 - OR39: Matney - CSL
 - 24 lane-miles
 - 3200 AADT, 30% trucks
- Contractor issues
 - Equipment, placement, TC
 - Agency blamed



Chip Seals (cont.)

Current Research

- Oregon State University - SPR 858
- MTD vs. MPD
 - Warranty/performance spec implications
 - Sand circle vs. laser profilometer
 - Have shown to be relatively linearly correlated



Micro Surfacing

3 Successful Projects

- 718,000 sq. yd.
- 87.8 ln. mi.
- Few issues
 - Night placement
 - Crack seal



Potential Future Treatments

- Scrub Seal w. 2nd Chip
 - Limited future funding
- RAP usage in pres. treatments
 - Chip Seals
 - Micro Surfacing
- Continue using higher performance emulsions



Thank You.

