

2026 PG3 Spring Meeting
NCDOT – Spray Rejuvenator

Asphalt Spray Rejuvenator

Project Details

- Division 10 (Charlotte, Mecklenburg County)
- PG 3 Route: Hamilton Road
- Maltene Replacement Technology (Reclamite)
- Asphalt Surface Paved in May 2025
- Reclamite Applied in September 2025



Construction Photos



Construction Photos



Early Observations

- Thermoplastic Markings saw sharp reduction in RR numbers for 2 months
 - Dry period exacerbated it
- Friction & Texture numbers are lower than what we'd like (but they were low before!)
- Viscosity Testing was within spec (see table on the right)
- PCR Data expected late 2026
- Division 10 is pleased, another contract for 2026.
 - Just subdivision roads

| Sample | Viscosity 60°C, Poises | Phase Angle, ° | MODULUS, 60°C, Pa | | |
|---------------------------------|---------------------------|-------------------|-------------------|---------|---------|
| | | | Complex | Elastic | Viscous |
| Hamilton No. 1 – NE | | | | | |
| Untreated | 41446 | 72.8 | 39592 | 11740 | 37815 |
| Treated | 20725 | 76.0 | 20109 | 5063 | 19722 |
| Hamilton No. 2 – NE | | | | | |
| Untreated | 41914 | 72.6 | 39996 | 11987 | 38058 |
| Treated | 20406 | 76.1 | 19808 | 5061 | 19345 |
| Hamilton No. 3 – SW | | | | | |
| Untreated | 33173 | 74.0 | 31888 | 8864 | 30168 |
| Treated | 20416 | 76.4 | 19844 | 4741 | 19283 |
| Hamilton No. 4 – SW | | | | | |
| Untreated | 32809 | 73.9 | 31522 | 8719 | 29899 |
| Treated | 19631 | 76.1 | 19056 | 4582 | 18499 |
| Ashley | | | | | |
| Untreated (NB Lane) | 58563 | 70.3 | 55135 | 18572 | 51915 |
| Treated (SB Lane) | 35516 | 73.1 | 33982 | 9873 | 32447 |
| Majestic Oak Subdivision | | | | | |
| Untreated | 54141 | 70.4 | 51004 | 16367 | 48640 |
| Treated | 31221 | 72.8 | 29825 | 8239 | 29123 |

50%

51.3%

38.5%

40.2%

39.4%

42.3%