BCC Longitudinal WB Paint Machine

Kingsford Smith Drive
Inbound between Gateway Arterial and Links Ave

Gregory Terrace
Outbound between Rogers St and Hill St (Near Centenary Pool)

Trial - Testing
- Measuring both Retro-reflectivity & Skid Resistance;
- 3 Monthly Testing Cycle;
- Retro-reflectivity measured in mcd/lux/m²;
  - Council Intervention Standard: 100mcd/lux/m²;
  - Target Installation Standard: 250mcd/lux/m²;
- Skid-resistance expressed as BPN number;
  - For Locations, Desirable BCC Standard 55BPN+.

Effect of Retro-reflective beads
- Preformed Thermoplastic and Permanent & Temporary Linemarking Tape (Gregory Terrace)
**Effect of Retro-reflective beads**

Waterborne Paint applied 500µm Thick with Large Beads (Kingsford Smith Drive)

**Effect of Retro-reflective beads**

PMMA & Waterborne Paint applied ~300µm Thick (Kingsford Smith Drive)

**Bead Retention - KSD Material 1 (PMMA)**

Average Retro-reflectivity
Dec '05: 165 mcd (Overall), 160 mcd (WP)
Jun '06: 158 mcd (Overall), 135 mcd (WP)

**Bead Retention - KSD Material 5 (WB Paint)**

Average Retro-reflectivity
Dec '05: 310 mcd (Overall), 321 mcd (WP)
Jun '06: 201 mcd (Overall), 193 mcd (WP)

**Bead Retention - KSD Material 13 (PF Thermo)**

Average Retro-reflectivity
Dec '05: 144 mcd (Overall), 121 mcd (WP)
Jun '06: 125 mcd (Overall), 95 mcd (WP)

**Bead Retention - KSD Material 14 (Tape)**

Average Retro-reflectivity
Dec '05: 548 mcd (Overall), 408 mcd (WP)
Jun '06: 221 mcd (Overall), 62 mcd (WP)