

Sealing Panel Discussion

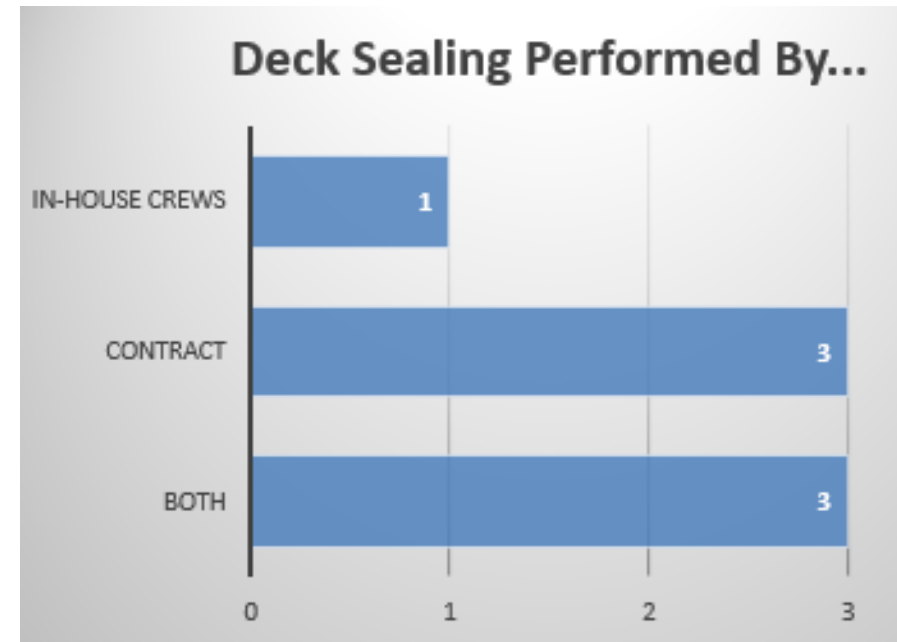
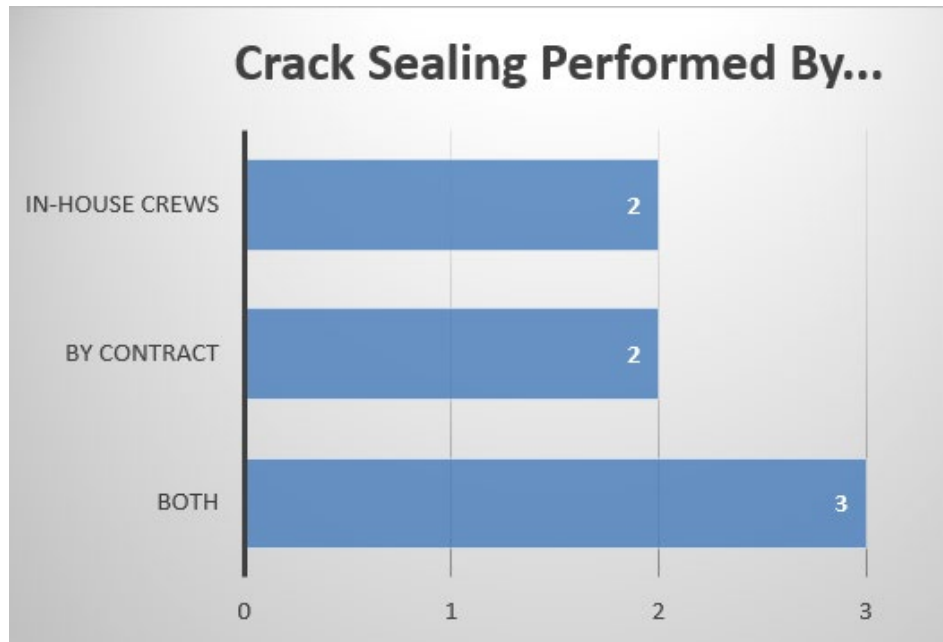
MWBPP Regional
Meeting
Bismarck ND

October 17, 2019



Sealing Survey

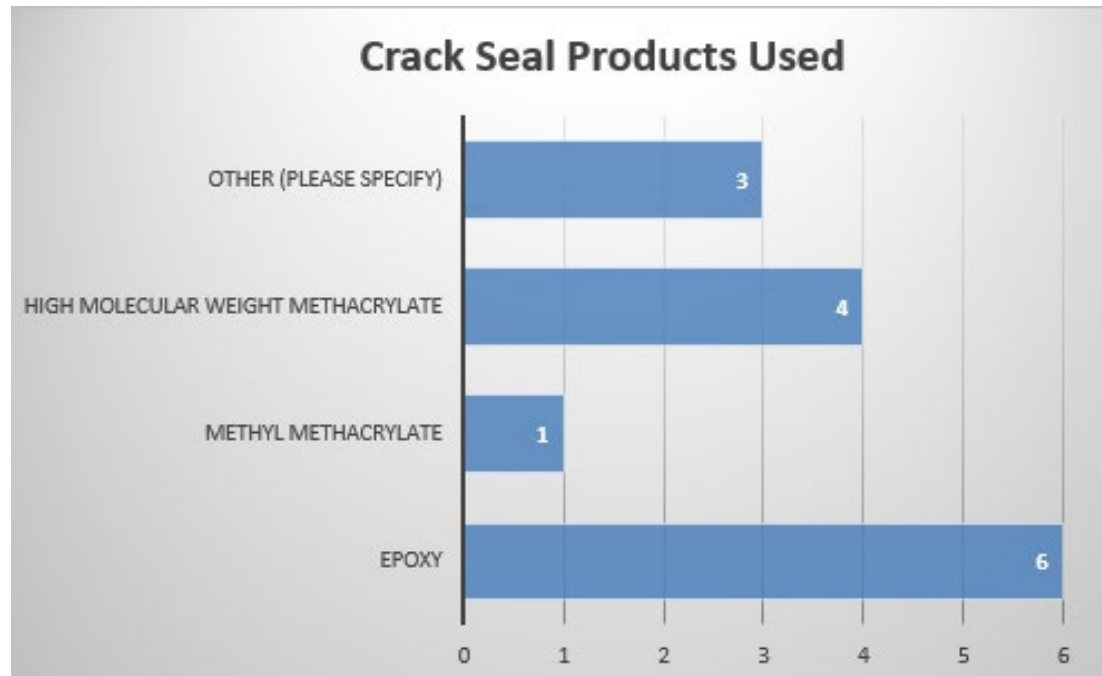
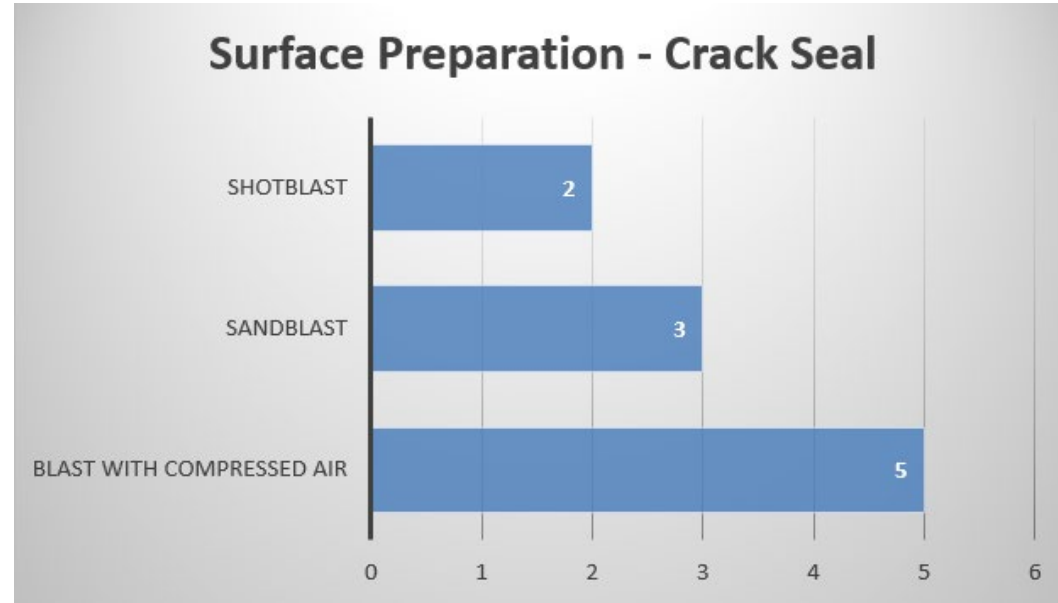
- 7 out of 8 agencies that responded have a crack sealing program and a deck sealing program



Crack Sealing

Surface Preparation

1. Compressed Air
2. Sandblast
3. Shotblast



Products

1. Epoxy
2. HMWM
3. Methyl Methacrylate
4. Gravity Fed Resin
5. Polyurethane
6. Asphalt Emulsion with Silicone

Crack Sealing

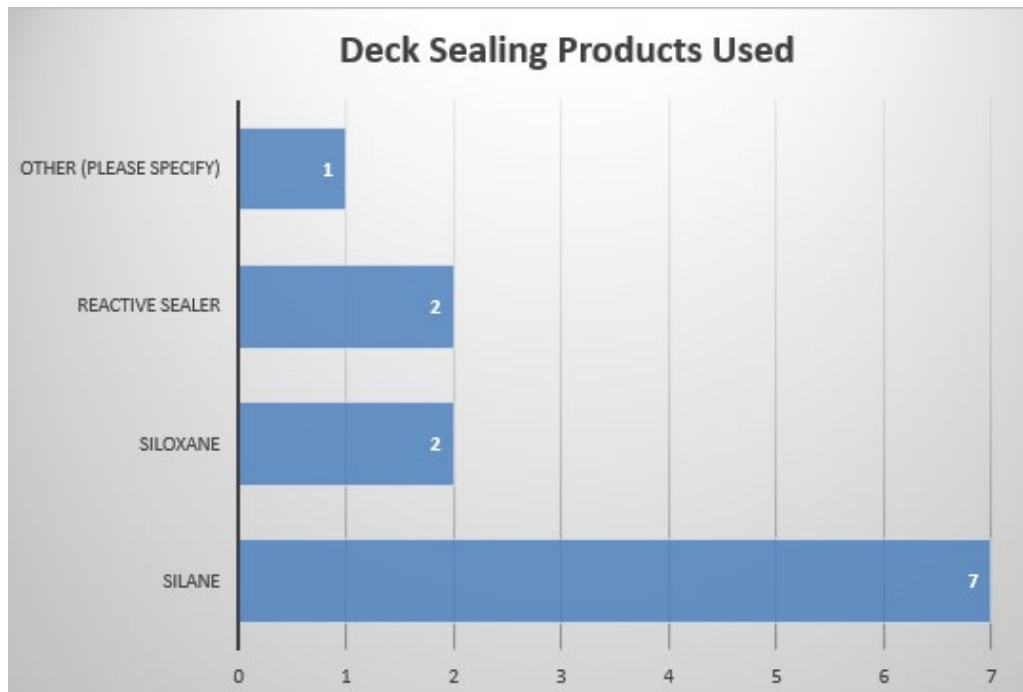
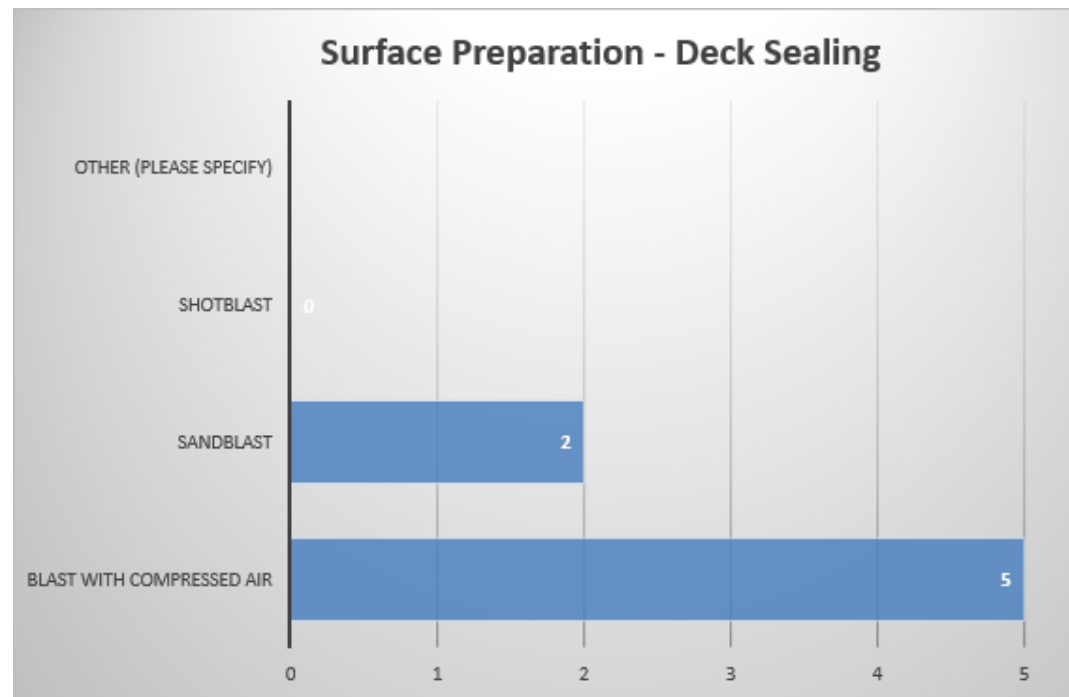
- APL (6 Agencies)
- Seal on a Cyclical Basis (4 Agencies)
 - Resealing Schedule
 - 3-5 years
 - 10 years
- Sealing Best Practice Documents (5 Agencies)



Deck Sealing

Surface Preparation

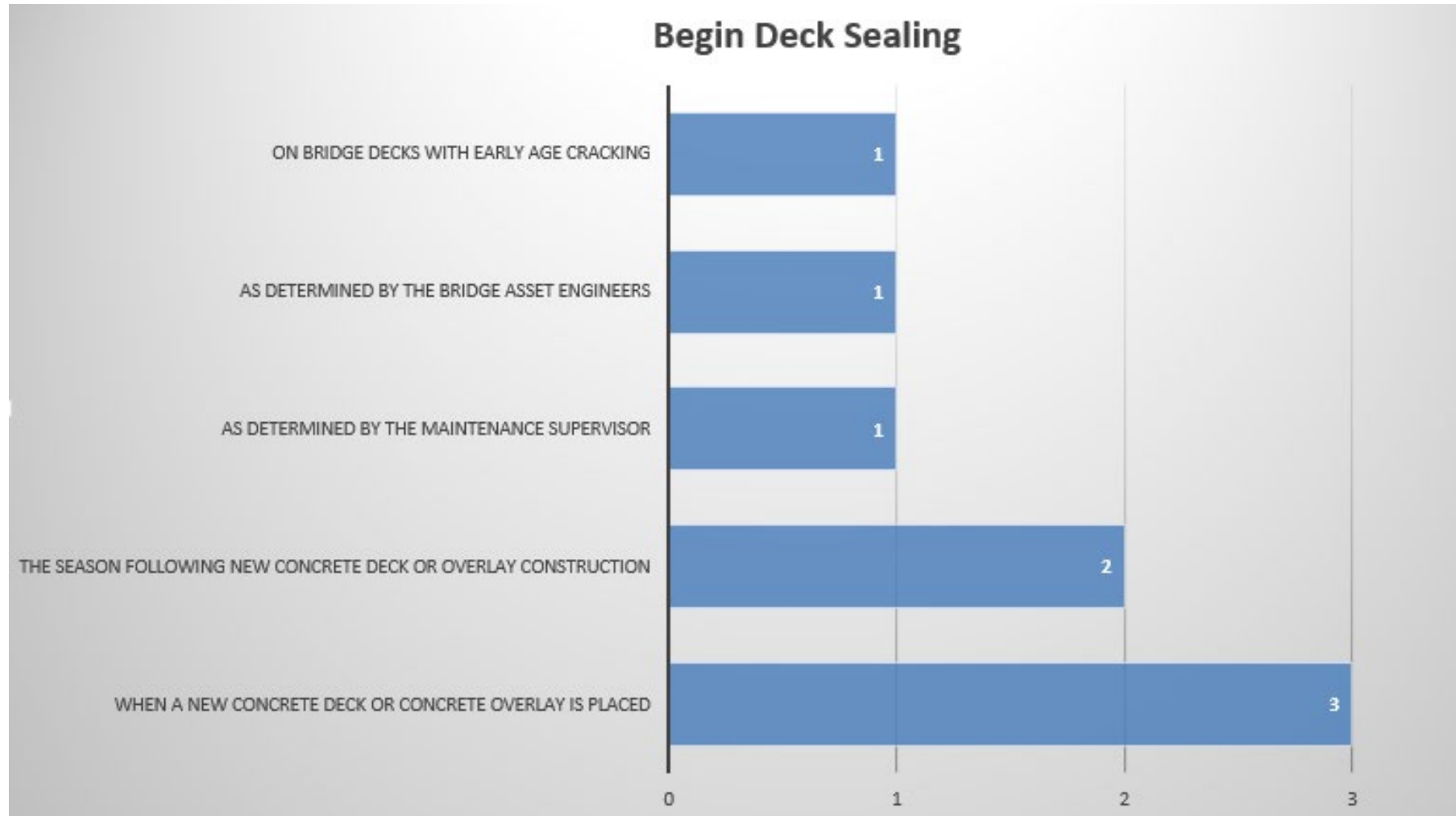
1. Compressed Air
2. Sandblast



Products

1. Silane
2. Siloxane
3. Reactive Sealer
4. Soluble Reactive Silicate (SRS)

Deck Sealing



Deck Sealing

- APL (6 Agencies)
- Seal on a Cyclical Basis (5 Agencies)
 - Resealing Schedule
 - 4-12 years
- Sealing Best Practice Documents (5 Agencies)



Panel Discussion

- Walt Peters (Oklahoma DOT)
- Jason DeRuyver (Michigan DOT)
- Aaron Auer (North Dakota DOT)