

INDIANA

Impact: Customer saved \$3.5/ ton

- ✓ **Overview** - Customer wanted to increase RAP content from 20 to 40%.
- ✓ **Process and Materials** - SIP 1111 is pre-mixing in the storage vessel with 64-22S.
- ✓ **Performance and Benefits** - Improved workability for there mixes. Testing confirmed improved performance of the binder and mix testing.

- DCT Improved by 25%
- Ideal CT Improved by 20%



IOWA

Impact: Customer saved \$2/ ton

- ✓ **Overview** - Customer wanted to increase RAP content from 30 to 45%.
- ✓ **Process and Materials** - SIP 1111 inline blended with 58-28S.
- ✓ **Performance and Benefits** - Improved compaction densities were achieved. Testing confirmed improved performance of the binder and mix testing.

- DCT Improved by 15%
- Ideal CT Improved by 25%



MINNESOTA

Impact: Customer saves \$1.75/ ton

- ✓ **Process and Materials** - Customer wanted to increase RAP content from 30 to 40%.
- ✓ **Process and Materials** - IP 1111 inline blended with 58-28S.
- ✓ **Performance and Benefits** - Improved compaction densities were achieved. Testing confirmed improved performance of the binder and mix testing.

- DCT Improved by 13%
- Ideal CT Improved by 30%

