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TOOLBOX TIMES

Keeping up with Joe Gallagher Asphalt Edition

What is Happening Beneath Your Road?

FROST HEAVING

Thank you, Brian Keierleber, for sharing this article with me.

What is Frost Heaving?

Frost Heaving is the result of freezing and thawing of water along the frost line in your subgrade. This freezing and thawing results in frost action, which impacts your surface and can cause surface damage due to heaving... See the diagram below.



Plan Ahead!

cure time for process

roadways

- Extended Road life due to crack repair from heat transfer
- Sustainable Process -28% Carbon Emission Reduction
- **One contractor less** coordination

Hot In-Place Highs

Since our Newsletter has grown, here are some reminders of Hot In-Place **Recycling highlights:**

Discounted price to fix

Less community traffic

due to less trucks and no

Valentine's Day Word Search!!

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| LOWERS | | | GIFT | | | CARDS | | | KISSES | | |

| CHOCOLATE | HUGS | HEART | ARROW |
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| VALENTINE | LOVE | CUPID | FEBRUARY |
| | | | |

Joe's Corner



Overall Record: 3-5

This is going to get tricky during basketball season... Let's go Cyclones!

CYCLONES OVER CINCY TOMORROW (02/13)

Quote of the Month "The man who is swimming against the stream knows the strength of it" -Woodrow Wilson

Trivia

Q: "Deglutition" is the scientific term for what bodily function? A: Email Joe for Answer

Q: Voltaire claimed what 3 words DID NOT accurately describe this political entity ? A: Email Joe for Answer

Q: What nation has the longest national anthem with 158 stanzas? A: Email Joe For Answer

February Facts

On this date in 1809 Abraham Lincoln was born!! Happy Birthday, Honest Abe!!

On this date in 1818 Chile declared their Independence from Spain.

On this date in 1855 Michigan State University was established.

Industry Spotlight - NACE President, Jeff Blue



Who is Jeff Blue?

- Jeff has been a roadway professional for over 35 years
- Jeff is the County Engineer for Champaign County, IL
- Jeff is a champion of Pavement Preservation and has utilized all different disciplines of Preservation to help his community
- Jeff is a HUGE Illinois Fan
- Jeff is a heck of a dude and a great family man - make sure to say "hi" to Jeff when you ALL go to the NACE Conference!

What is NACE?

- NACE is the National Association of Engineers
- Jeff Blue is the current President of NACE
- NACE is an incredible resource for engineers across the nation to collaborate, learn about ways to benefit their community, and express lessons learned in both a FUN and educational way
- Check it out below!

https://www.countyengineers.org/