

Potential Focus Areas For Future Technical Products

Fall Meeting, August 29, 2016
San Antonio

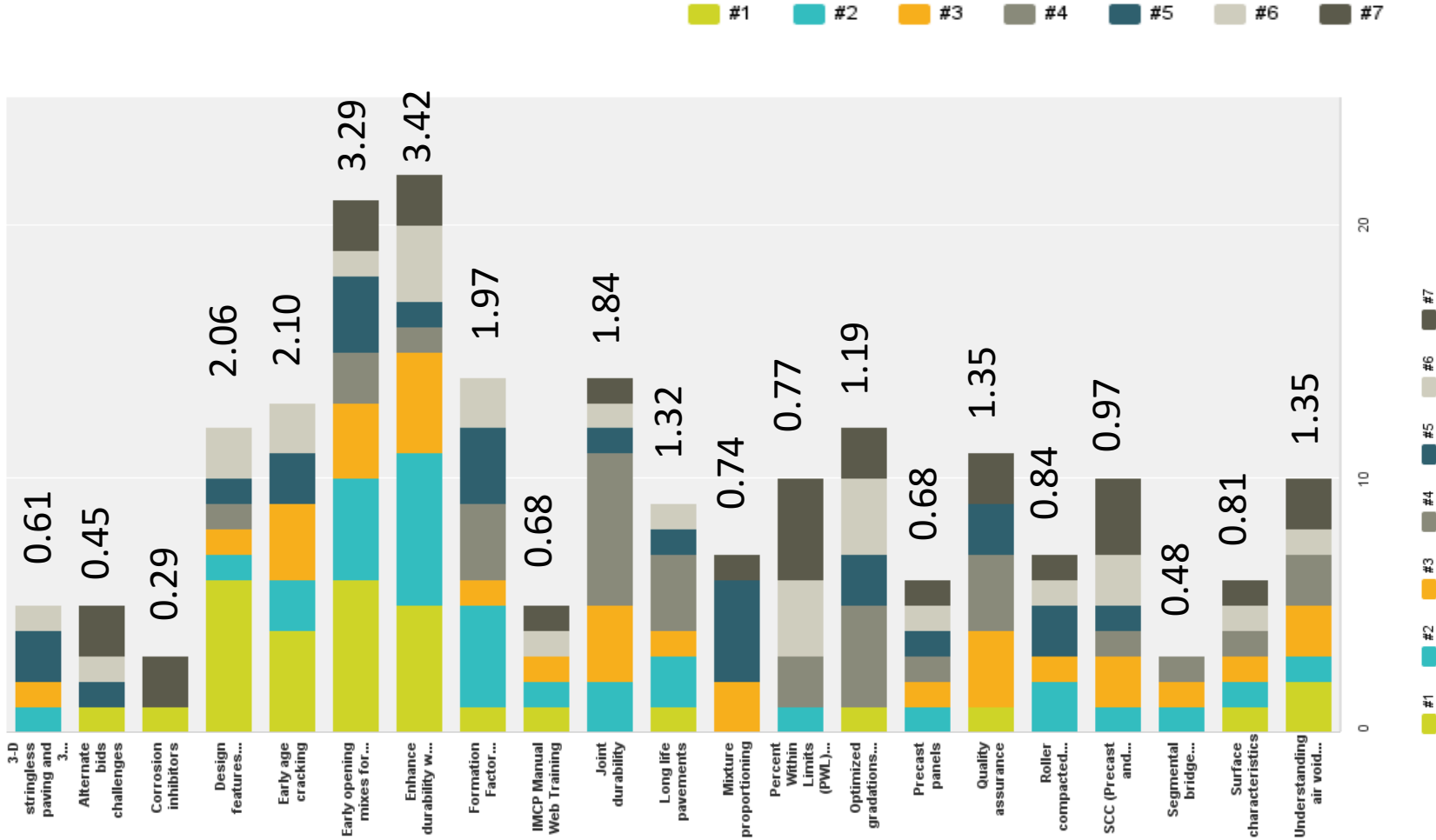
National Concrete Pavement
Technology Center



IOWA STATE UNIVERSITY
Institute for Transportation

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Q6: Please prioritize what you would like the CP Tech Center to focus on next? Select your top 7 choices.



Fun Facts

21 Items

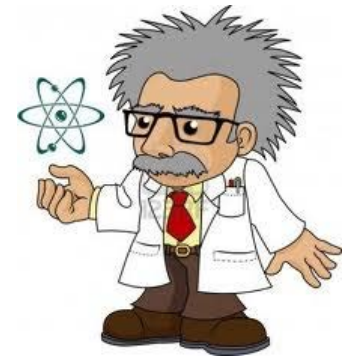


Only 2 items did not receive a 1 or 2 vote:

- Mixture proportioning
- Segmental bridge construction practices

Least votes: Segmental bridge construction practices (2)

Most #7 votes: Percent within limits (PWL)
Specifications (4)



Fun Facts

Only 2 items received a ranking from #1 to # 7:

- Early opening mixes for traffic control (strength, load restriction, time requirements).
- Enhance durability with focus on SCM, air content and admixtures.

Most #1 votes:

- Design features (widened lanes, tied shoulders, base support, critical features, shrinkage cracking, cracking vs. joint spacing – is there a correlation?) (6)
- Early opening mixes for traffic control (strength, load restriction, time requirements). (6)

The Top 6Answered: 31 Skipped: 0

Ranking	Moving Average	Total Votes	Subject
#1	3.42	22	Enhance durability with focus on SCM, air content and admixtures
#2	3.29	20	Early opening mixes for traffic control (strength, load restriction, time requirement)
#3	2.10	13	Early age cracking
#4	2.06	12	Design features (widened lanes, tied shoulders, base support, critical features, shrinkage cracking, cracking vs. joint spacing - is there a correlation?)
#5	1.97	14	Formation Factor (resistivity and w/c ratio)
#6	1.84	13	Joint durability

Items to ponder during your next session



Of the 6 subjects, what products are you looking for?

- Specifications
- Tech briefs
- Webinars
- YouTube type videos
- Workshops

Items to ponder during your next session



If looking for research, what state might be the lead state?

Does the PEM pooled fund study sufficiently address:

- #1 Enhance durability with focus on SCM, air content and admixtures
- #5 Formation factor (resistivity and w/c ratio)
- #6 Joint durability

Next Steps



2017 & 2018 Technical Product Priorities

At the spring meeting in Salt Lake City, the Tech Center will:

- Bring a summary of available existing resources on the priority topics.
- Bring a proposal for consideration on new materials to address the gaps in what is currently available.
- Bring a draft development schedule to address priority products for the next 2 years.



Thanks for your time



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