

GREENBOOK COMMITTEE
NEW MATERIALS AND METHODS SUBCOMMITTEE - SURFACE
ASPHALT TASK FORCE
MINUTES – July 6, 2022

The meeting was called to order at 1:02 PM by Corina Wong.

1. Role call was called:
2. Corina Wong

a. Vinh Tran	Granite Construction	Corina.Wong@gcinc.com
b. Roger Schlierkamp	County of Orange	Vinh.Tran@ocpw.ocgov.com
c. Humberto Rios	GMU	Rschlierkamp@gmugeo.com
d. Clarence Su	LA County	hrios@dpw.lacounty.gov
e. Mike Soler	LA County	csu@dpw.lacounty.gov
f. Mike Soler	County of Orange	Michael.soler@ocpw.ocgov.com
g. Cameron Richardson	Ingevity	Cameron.Richardson@ingevity.com
h. Vinny Hoang	Orange County	Vinny.Hoang@ocpw.ocgov.com
i. Mauricio Lizarraga	Vulcan	lizarragam@vmcmail.com
j. James Emerson	Pavement Recycling	Jemerson@pavementrecycling.com
k. Theo Demangos	Granite Construction	theo.demangos@gcinc.com
l. Randy Reichert	Ninyo and Moore	rreichert@ninyoandmoore.com
m. Bob Rivers	Asphalt Supply Tech	brivers@asphaltsupplytech.com
n. Keith Terrill	Arkema-Road Science	keith.terrill@arkema.com
o. Todd Vargason	Ergon	tvargason@ergon.com
p. Sarah Chavez	City of San Diego	Schavez@sandiego.gov
q. Erik Updyke	Consultant	erikup59@gmail.com
r. Jim Sauder	Granite Construction	james.sauder@gcinc.com
s. Pascal Mascarenhas	Consultant	pascal.mascarenhas26@gmail.com
t. Matt Conarro	Western Emulsions	Matt.Conarro@westernemulsions.com
u. Tom Williams	LaBelle Marvin	twilliams@labellemarvin.com
v. Taylor Schmidt	Surface Tech	taylor@surface-tech.com
w. Don Vivant	Sully Miller	don.vivant@sully-miller.com
x. Shani Sasson	Road Soup	shani@roadsoup.com
y. Dillon Jones	Road Soup	djones@roadsoup.com
z. Karen Castro	LA County	KCastro@dpw.lacounty.gov
aa. Alaine James	San Diego County	ALJames@sandiego.gov
ab. Joshua Lahmann	San Diego County	JLahmann@sandiego.gov
bb. Ajideh Hossien	City of Carlsbad	hossein.ajideh@carlsbadca.gov
3. Minutes from the June 1, 2022 meeting were reviewed and approved.
4. Old Business
 - a. Main Committee
 - i. No updates
 - b. Editorial Standards Subcommittee
 - i. No updates
 - c. Surface Committee
 - i. Sent back change no. 315SM MAC10/15 TR to consider removing the solubility requirement
 1. The ATF group approved this change
5. Current Business
 - a. Change No. 313SM for CIR (LA County sponsor-Clarence Su)
 - i. Concerns expressed regarding CIR technician requirements
 1. Stricter than HMA
 2. Will they be overly onerous for consultants to fulfill
 - ii. Next small group meeting July 18th @ 12 p.m.
 - iii. Tom William requested to join the small group

- b. Change No. 301SM
 - i. Approved the 301SM and move to the surface subcommittee
- c. Change No. 305SM for specifying RAP as Micro-surfacing and Slurry aggregate.
 - i. Next small group meeting scheduled for July 14th at 4 p.m.
 - ii. Close to draft for review
- d. Other future changes (No current sponsors)
 - i. Add Superpave gyratory process to the Greenbook HMA mix design
 - 1. Request to create a small group to work on this item
 - ii. SSPWC specification for berm mix
 - 1. Small group met on June 22nd at 12 p.m.
 - 2. Request made to clarify dike/berm mix allowed under Greenbook
 - a. Reviewed history of dike specifications
 - b. Recommended the current 2018 Caltrans specifications for dike
 - iii. Consider updates to warm mix additives in the HMA & ARHM section
 - 1. Small group met on June 29th at 9 a.m.
 - 2. Request made to update WMA section in Greenbook
 - a. Update approved WMA technology/additives to reference Caltrans' approved list for WMA
 - b. Update the Greenbook to make WMA an option for contractors and not just as specified by an agency
 - i. WMA extend compaction windows for asphalt concrete placed in low temperatures or long distances
 - ii. WMA can allow plants to turn down the temperatures during production to save fuel costs and make asphalt concrete more environmentally friendly and cheaper
 - c. Update the Greenbook to allow WMA in rubberized asphalt concrete in addition to conventional asphalt concrete
 - iv. Consider updates to rejuvenators for the asphalt products
 - 1. Small group met on June 28th at 10 a.m.
 - 2. Request made to update Table 203-6.2.6 in the Greenbook to be more consistent with ASTM D4552
 - a. To close gap in specification between rejuvenator types
 - b. To include updated new rejuvenator types that were formerly not available
 - c. The resultant asphalt concrete product with RAP and rejuvenator will still need to meet the final grade of the specified binder
 - 3. Can reference ASTM D4552 directly or update Table 203-6.2.6
- 6. New Business
- 7. **Next meeting will be at 1:00 p.m. on WEDNESDAY, AUGUST 3, 2022 AS A TEAMS MEETING.**