

GPTQ/GAPA/GDOT Asphalt Committee
March 27, 2007
Meeting minutes

Meeting held at Macon Area Engineers Auditorium at 10am, March 27, 2007. Attendees listed in Appendix A.

Definition of New Construction and Resurfacing

Based on a discussion at the last meeting, the DOT proposed some language defining new construction and widenings in terms of the presence of a binder layer in the typical section. This was discussed and it was recognized that it would not cover all cases. A Task Force was developed to look into this issue more and come up with a process that can be used in all cases. Task Force members identified at the meeting were: Wayne Marshall, Roger Dill, Peter Wu, Sheila Hines, David Moellering, Robert Wolford and a TSE to be named later. It was also suggested that it would be beneficial to the Contractor to have this information clearly stated in the bid documents.

Trackless Tack

Sheila Hines provided an update on the Trackless Tack Coat Evaluation. Cores were cut on the pilot project and tested at NCAT, but the results were inconclusive. GDOT is also doing laboratory analysis and results should be available within a few weeks. There is hope that this technique can be a viable alternate in certain conditions.

Surface Treatment Specification Changes

It was noted that the surface treatment projects that are set up for more than 366 days (starting this spring) will have a new asphalt price index specification. The specification was also revised to require 2 rollers.

Section 400 revision

The asphalt price index will be in effect for LARP projects that are set up for more than 366 days starting this spring. There was also a discussion on the MTV spec in Section 400. It was reported that in some areas the field personnel are pushing for the Contractor to use the MTV even though it was not required by the Specifications. This will be taken up in next year's joint training.

Scrap Tire Rubber Asphalt

Peter Wu provided the benefits of scrap tire rubber use: 1) modifiers and rubber are now cost competitive when compared with other polymers, 2) low asphalt emissions and 3) reduction in placement temperatures. In the next 3 to 4 weeks a trial days run of 9.5 mm SP will be placed by Reeves on SR 26.

The mix is 45% RAP with a degussa high performance polymer additive and crumb rubber.

Test Results Time Period

An issue was brought up on Contractors not getting density results within the required 2 day time period. The Contractors should contact the TMOS when this occurs. Georgene Geary noted she would also discuss this with Testing Management.

Tack Coat Emulsion

The use of emulsion as an alternate to AC for tack was discussed. GDOTs current requirements are based on a research project done in Georgia in the 1980s in response to slippage problems. Ronald Collins noted that he is on a NCHRP project panel (9-40) looking at different tack materials. The report should be coming out shortly. GDOT will disseminate the results once they are published.

Micro Milling and Inlay

The recently let micromilling project on I-75 in Houston/Peach Counties was discussed. GDOT has set this project up as a micromill to identify the feasibility of using micromilling as a future method. This will allow the DOT to take advantage of the benefits of SMA material on the Interstates by only replacing the SMA every 20 years. This will be accomplished by micromilling off the PEM and replacing only the PEM at 10 years.

GPTQ

The requirements for adding the Georgia Asphalt Pavement Association to the GPTQ Steering Committee were discussed. David Moellering will draft a request and include the GAPA bylaws. The next GPTQ Steering Committee meeting is scheduled for June. With membership, GAPA will be recognized at GPTQ and included on the gptq.com website.

It was noted that the GPTQ program committee is starting to meet now and that ideas are need for presentations at the GPTQ meeting. Anyone with ideas was asked to send them to Roger Dill or Georgene Geary.

Other items brought up for discussion:

A Contractor noted that the bridge specification requires M&I in one day for bridge ends, which causes scheduling and logistics problems for Contractors. Specific project numbers were provided to GDOT at the meeting for follow-up.

A suggestion was made to change the thickness of the asphalt interlayer in concrete pavement typical sections to make it possible for the Contractor to provide improved quality. Placing one lift of 19mm on GAB can cause the HMA to "run" and improved quality would result if the HMA was placed in two

lifts. [Another suggestion recommended that GDOT not do any more concrete pavements, and that would solve the problem.]

An issue of a range penalty for density being caused by one test being randomly selected in an area that was not representative of the entire lot (i.e. in the first 300 ft or last 300 ft of a days run) was presented. The Contractors felt that this penalty was not representative of the entire days run. GDOT will discuss this internally and report back on proposed options at the next meeting.

A possible future warm asphalt demonstration and a rubblization workshop for the Summer were mentioned.

-Meeting was adjourned at 12:10 pm.

Upcoming conferences/Training opportunities:

<p>QCT Level 2 Forest Park April 16-17 2007</p> <p>QCT Level 2 Tennille District Auditorium July 16-17 2007</p>	<p>National Pavement Management Conference 2007 Norfolk, VA May 6-9, 2007</p>	<p>GPTQ 2007 Workshop Athens, GA December 5-7, 2007</p>
<p>QCT Level 2 Forest Park October 15-16 2007</p> <p>QCT Level 2 Macon Area Office November 12-13 2007</p>	<p>SEAPUG 2007 Crowne Plaza Riverwalk San Antonio, Texas November 12-15, 2007</p>	

Appendix A- Attendees

GPTQ/GAPA ASPHALT COMMITTEE MEETING SEPTEMBER 25, 2006

NAME	COMPANY/ ENTITY	E-MAIL	PHONE
Peter Wu	GDOT	peter.wu@dot.state.ga.us	404-363-7521
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