

Asphalt-Rubber 101: The Basics of Rubberized Asphalt - Evaluation Report

El Paso, TX
July 24th, 2008

Seminar Evaluation

Please take a few moments to complete this evaluation form. Your feedback is important in helping us to increase the quality of our Seminars and to continue program improvements.

Your Name (optional):

Part One. Provide your reactions to the seminar by selecting the radio button that matches your assessment.

| | Poor | Fair | Good | Very Good | Excellent |
|---|------|------|------|-----------|-----------|
| 1. What is your overall rating of this seminar? | | | | 4.44 | |
| 2. This training will be beneficial to you in the performance of your job | | | | 4.25 | |
| 3. What is your rating of the following aspects of the seminar? | | | | | |
| a. Speaker's knowledge of the subject | | | | | 4.94 |
| b. Speaker's presentation style | | | | | 4.63 |
| c. The topics were presented in logical order | | | | | 4.56 |
| d. The language used in the seminar was clear and easy to understand | | | | | 4.50 |
| e. Usefulness of the Seminar Material | | | | | 4.69 |

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Part Two. Please describe your opinions about the seminar's strengths and weaknesses.

4. What do you think were the weaknesses of this seminar?

2. Frequent use of unfamiliar acronyms to lay people.
 4. N/A
 5. More questions and answers sessions.
 7. This helped on Asphalt Pavements & its use as paving of Street & Roadway Surface.
 8. Time
 9. Ran Good
 10. I only heard about how great asphalt rubber is. I would love like to hear about what the disadvantages.
 13. Some difficulty viewing entire screen.
 14. None
 16. Seemed a little scattered in the beginning with the speakers' time, after the first break, it flowed much better.
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5. What do you think were the strengths of this seminar?

1. Various points of view from different states and uses/methods
 2. Impressive presentation of current projects, pictures & videos were immensely helpful especially to lay people.
 4. Extremely knowledgeable speakers & a wealth of information presented clear, in a very short time period. Thank you!
 5. The presentations topics and presenters.
 7. Speakers great knowledge, had actual experience on this subject. They had been there and had done it!!
 8. Knowledge
 9. Good
 10. The presenters and time frame of the sessions.
 11. It was very comprehensive. It lasts only 1 day. I like the documentation that was given along with the presentations.
 13. Enthusiasm of Presenters/Speakers
 14. I was impressed with the organization of the seminar including timelines, mixture of topics & presenters and pertinent levels of delivered information.
 15. Speakers were very knowledgeable about their topics - especially Jeff Smith!
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6. How would you suggest this seminar be improved?

1. Everything was well organized!
 2. Use of RA in rural communities? Applications?
 4. Get more state legislators to attend! Or go to Austin and give them this presentation.
 5. Provide the power point presentations in the booklets.
 7. Overall Good as arranged.
 9. On site presentations.
 10. Nothing
 13. N/A/
 14. No suggestions.
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7. I would like additional information on the following subjects:

2. RA used on dirt roads for dust suppression. Number of local AR Companies? Regional AR Plants? Non commercial applications such as resurfacing school district projects (tracks, tennis courts, BB Courts)

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4. More emphasis on Life Cycle Costs.
 7. Subgrade preparation - strenght wheel loads, stabilizations.
 9. Cost to produce crumb rubber and types of mixtures.
 11. More problems encountered with Rubber Asphalts.
 13. Research reports.
 14. Possible a TCEQ/TXDOT cooperative seminar marrying available tires (landfill material) w/testing and planing to develop specfici projects for this application.
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8. How did you hear about this seminar?

1. Doug involved me.
 2. EPA Channels
 4. Through El Paso District Office (TxDOT)
 5. By a colleague
 6. I was notified by the El Paso District Constructions Engineer.
 7. Letter from County judge of Brenston County, TX about the event.
 9. NMDOT Employeer
 10. Invitation through email.
 11. My supervisor
 13. Coworkers
 14. Through Director of Construction (TXDOT) Office.
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9. Any additional comments or suggestions?

1. For hotel to work w/screen (lift) for viewers to be able to read info.
 2. Curios about your rubber suppliers especially how many tires are being prevented from going to the landfill.
 5. Come back to El Paso.
 7. Do tollow up in next tew years on asphalt pavements & their use in Southwest. Also include subgrade preparation, stabilization when loads impact on surface & subgrade or base structure. This is a good overall coverage on roadway surfaces. Building & access to facilities is good. The removal of old tires is a real problems in the small rural area of Texas County has to collect and pay for disposal. Pick up or recycle plants would benefit to develop program to help get rid of this problem.
A presentation on tire pick up - transportations to grinder plant with grinder or shipping process into a useable rubber asphalt mixture would be of interest. How is the tire reduced to a useable product. What goes with the steel wire in a tire?
 9. Please continue to have this presentation every year.
 10. None.
 11. Very good workshop.
 13. Overall, very informative.
 14. None. Overall, it was a very good seminar!!
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Part Three. Please describe your opinions about the presentations and speakers:

| | | | | | |
|--|------|------|------|-----------|-----------|
| | Poor | Fair | Good | Very Good | Excellent |
|--|------|------|------|-----------|-----------|

| PRESENTATION: Overview of Asphalt Rubber Manufacturing and Placement | | | | | |
|--|--|--|--|------|------|
| 1. The presentation increased your subject knowledge | | | | | 4.56 |
| 2. The presentation was professional and relevant | | | | | 4.50 |
| 3. I would recommend this presenter for future events | | | | | 4.69 |
| PRESENTATION: Crumb Rubber Production and Specifications | | | | | |
| 1. The presentation increased your subject knowledge | | | | | 4.69 |
| 2. The presentation was professional and relevant | | | | | 4.56 |
| 3. I would recommend this presenter for future events | | | | | 4.63 |
| PRESENTATION: Asphalt Rubber Research and Development | | | | | |
| 1. The presentation increased your subject knowledge | | | | | 4.69 |
| 2. The presentation was professional and relevant | | | | | 4.63 |
| 3. I would recommend this presenter for future events | | | | | 4.69 |
| PRESENTATION: Asphalt Rubber Manufacturing and Placement - Hot Mix | | | | | |
| 1. The presentation increased your subject knowledge | | | | | 4.50 |
| 2. The presentation was professional and relevant | | | | 4.44 | |
| 3. I would recommend this presenter for future events | | | | | 4.50 |
| PRESENTATION: Asphalt Rubber Manufacturing and Placement - Seal Coats | | | | | |
| 1. The presentation increased your subject knowledge | | | | | 4.56 |
| 2. The presentation was professional and relevant | | | | 4.44 | |
| 3. I would recommend this presenter for future events | | | | 4.44 | |

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Part Three. (Continue)

| | | | | |
|------|------|------|-----------|-----------|
| | Fair | Good | Very Good | Excellent |
| Poor | | | | |

PRESENTATION: Asphalt Rubber Materials Design and Testing

| | | | | | |
|---|--|--|--|--|------|
| 1. The presentation increased your subject knowledge | | | | | 4.69 |
| 2. The presentation was professional and relevant | | | | | 4.63 |
| 3. I would recommend this presenter for future events | | | | | 4.69 |

PRESENTATION: Texas Asphalt Rubber Specifications, Overlay Tester and Safety

| | | | | | |
|---|--|--|--|--|------|
| 1. The presentation increased your subject knowledge | | | | | 4.56 |
| 2. The presentation was professional and relevant | | | | | 4.56 |
| 3. I would recommend this presenter for future events | | | | | 4.56 |

PRESENTATION: The City of Phoenix Use of Asphalt Rubber

| | | | | | |
|---|--|--|--|------|--|
| 1. The presentation increased your subject knowledge | | | | 4.31 | |
| 2. The presentation was professional and relevant | | | | 4.38 | |
| 3. I would recommend this presenter for future events | | | | 4.38 | |

PRESENTATION: Asphalt Rubber Cost Benefits and Green House Gas Reductions

| | | | | | |
|---|--|--|--|--|------|
| 1. The presentation increased your subject knowledge | | | | | 4.67 |
| 2. The presentation was professional and relevant | | | | | 4.60 |
| 3. I would recommend this presenter for future events | | | | | 4.73 |



Dedicated to encouraging greater usage of high quality, cost effective asphalt pavements containing recycled tire rubber.