

EMBRACING A QUALITY CULTURE

Flexible Pavements of Ohio, 49th Annual Meeting
“More Tons Through Value”



Harold Mullen
Texas Asphalt Pavement Association

DALLAS COWBOYS STADIUM



How 'Bout Them Cowboys...Parking Lot



Recycled Asphalt
Pavement (RAP)

Recycled Asphalt
Shingles (RAS)

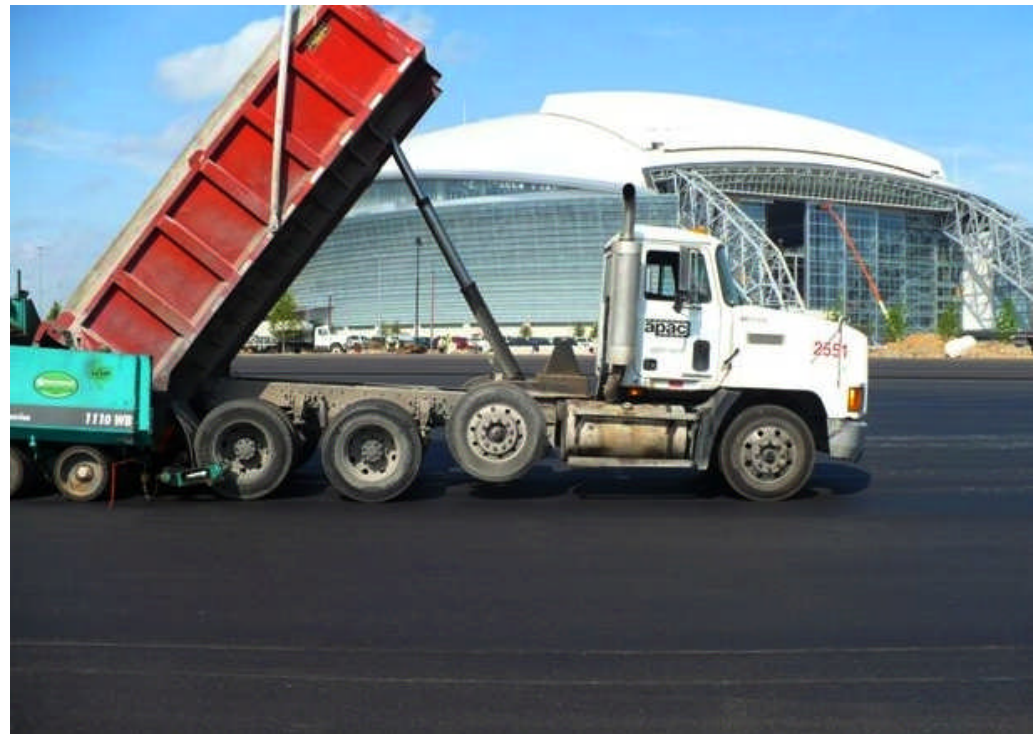
Warm Mix Asphalt
(WMA)

Combining Technologies

□ **WMA with 15% RAP and 5% RAS**

- 83 lbs. of carbon emissions per ton of mix as compared to 109 lbs. with HMA and no recycled materials

**That's over a
23% reduction
in carbon
emissions**



ASPHALT:

SMOOTH

DURABLE

QUIET

SAFE

FALL 2009

TEXAS ASPHALT

www.txhotmix.org

An Official Publication of the Texas Asphalt Pavement Association

THE DALLAS COWBOYS GO GREEN WITH WARM MIX ASPHALT

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Inside

Member Forum

Forging Ahead in the
Face of Challenges

Events

The Upcoming TxAPA
2009 Annual Meeting

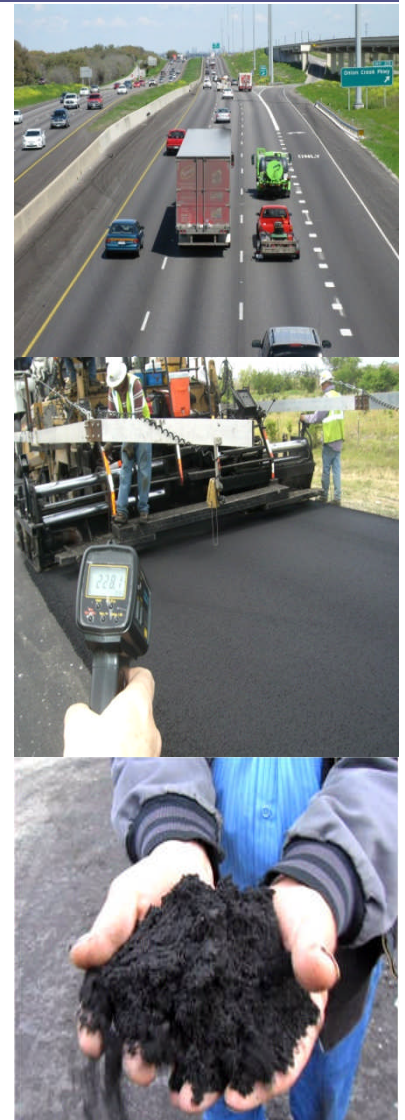
Reports

TxAPA's History: A Decade
of Accomplishments



WE HAVE A GREAT STORY TO TELL

- ❑ Perpetual Pavements to Thin Overlays
- ❑ Any traffic or load condition
- ❑ Speed of construction
- ❑ Ease of maintenance
- ❑ Environmental benefits
- ❑ Economic value
- ❑ Emerging technology



Honda and Harley Riders Prefer Smooth Asphalt Pavements



Embracing a Quality Culture



We see our industry and customers
changing and evolving Today

- ▣ Agencies doing more with less
- ▣ QC/QA specification affecting field expertise
- ▣ More environmental demands
- ▣ Need more durable, longer lasting pavements
- ▣ Economics

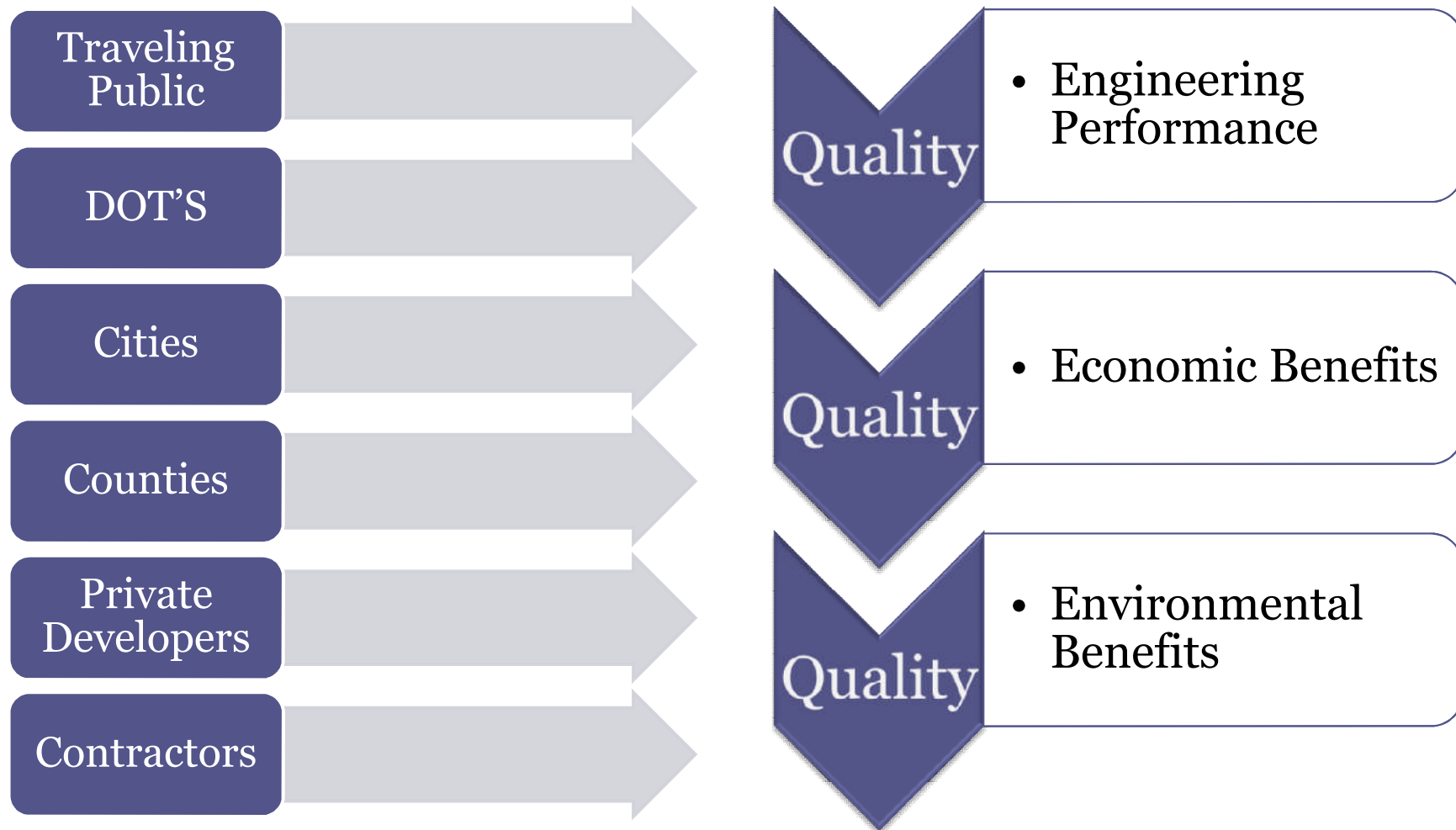
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Industry Response

- ▣ Partner to assist agencies
- ▣ Train and equip and do our homework
- ▣ Adapt and accept environmental demands
- ▣ Focus on quality through partnering
- ▣ More homework: economical materials, emerging technology
- ▣ Find solutions to challenges

More Tons Through Value





How we approach the issues !

★ ***Dedicated to Quality***

★ ***Partners In Quality***

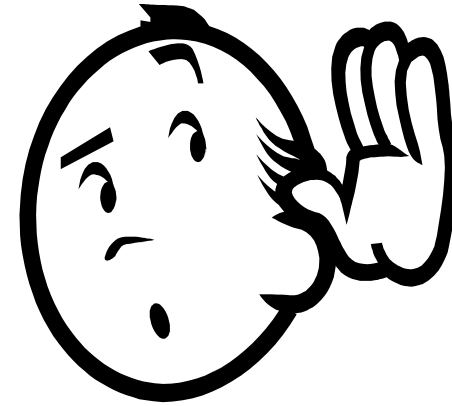
***Commitment ★ Communication
Cooperation***

Embracing a Quality Culture

Q
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WE WERE
TOLD



WE
HEARD

QUALITY

Partners in Quality

The background of the slide is a close-up, artistic photograph of the American flag. The stripes are draped and flowing, with a large, five-pointed star visible in the lower-left quadrant. The colors are vibrant, with deep reds, bright whites, and dark blues.

**Got Committed
started Communicating
and we wanted to
Cooperate**

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COMMITMENT

Strategic Planning Session

- ▣ Partnering, Awards Program
- ▣ Education, Training, Certification
- ▣ Committee Activities
- ▣ External and Internal Communications
- ▣ We looked at every aspect of our association with a focus on quality
- ▣ Changed our logo to remind us of our dedication to quality



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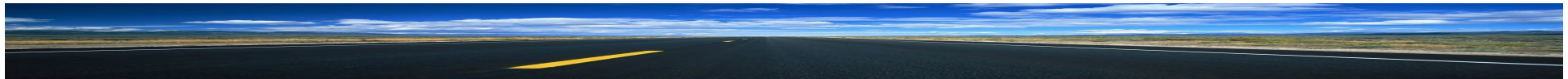


Partnering (Partners In Quality)

- Quality starts with partnering
 - **Partners In Quality Meetings**
 - Held in each of TxDOT's 25 districts, some quarterly, twice a year or annually
 - Contractors, TxDOT DE, CE, AE's, Lab, Maint. are invited
 - Meet over lunch with an agreed to agenda set by TxAPA members and TxDOT

Partners in Quality Meetings

- Meetings cover asphalt industry issues and topics submitted by both TxDOT and TxAPA members
 - Discussion on RAP, RAS, WMA, etc.
 - Discussion on quality construction, best practices, costs reduction
 - How can we achieve more HMA or WMA award winning quality projects



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Partnering (Partners In Quality)

- ▣ Meet regularly with TxDOT management
- ▣ TxDOT invited to our Strategic Planning Session
- ▣ Joint committees on test procedures, **specifications**, and QC/QA certification program
- ▣ TxDOT/TxAPA Quality Pavement Awards Program

TxDOT/TxAPA Quality Paving Awards Program





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Education and Training

- Joint Programs with TxDOT and Cities and Counties
 - ▣ Paving and Compaction Seminars
 - ▣ Superpave and Mix Design Seminars
 - ▣ Specification Seminars
 - ▣ Associate Member Technology Showcases
 - ▣ NAPA Seminars

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QC/QA Certification



Hot Mix Asphalt Center (HMAC)

- Continuously updating our Certification Program as a partner with TxDOT
 - Level 1 A Plant Production Specialists
 - Level 1B Roadway Specialists
 - Level 2 Mix Design Specialists
 - More than 1000 students annually

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HMAC, We stress

- ▣ Their technician job is important
- ▣ Accurate test results are essential for quality asphalt projects
- ▣ Be Partners in Quality and work together
- ▣ Productive pre-paving and planning meetings bring quality and value to the project
- ▣ Success is not final, failure is not fatal, it is the courage to continue that counts. Winston Churchill

Embracing a Quality Culture

- Implemented Soils and Base Certification Program
 - Five Levels of Certification
- Seal Coat training and education is held through the HMAC
- Developed New Web Site for Technicians
 - HMAC, www.txhmac.org



you may recertify up to 6 months prior to the date that your certification expires.



Class Schedule / Seminars

**Instructions for
submitting your annual
proficiency results.
[Click here!](#)**

Existing User Login

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Password:

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[New User Registration](#)

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* Navigation

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Certification Levels



[Click here for more details](#)

TxDOT Forms, Test Procedures ETC.



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Videos Of TxDOT Tests



[Click here to view videos](#)

QC/QA Technician Of The Year

Level 1A



Name: William Gill

[Click here for more details](#)

Level 1B



Name: David Till

[Click here for more details](#)

Level 2



Name: Dallas Kreps

[Click here for more details](#)

- * [About Program](#)
- * [To Nominate Click Here](#)





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COMMUNICATION

- Communication for industry and awarding agencies
 - ▣ Texas Asphalt Magazine
 - ▣ eTxAPA newsletter
 - ▣ Webinars
 - ▣ TxAPA Web Page
 - ▣ HMAC Web Page

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COMMUNICATION

- Communication for industry and awarding agencies
 - ▣ Technology Update Seminars
 - ▣ Annual Meeting
 - ▣ Technical Presentations at other Association
 - ▣ Brown Bag/Lunch and Learn Seminars
 - ▣ Outreach – External Customers

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COMMUNICATION



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COOPERATION



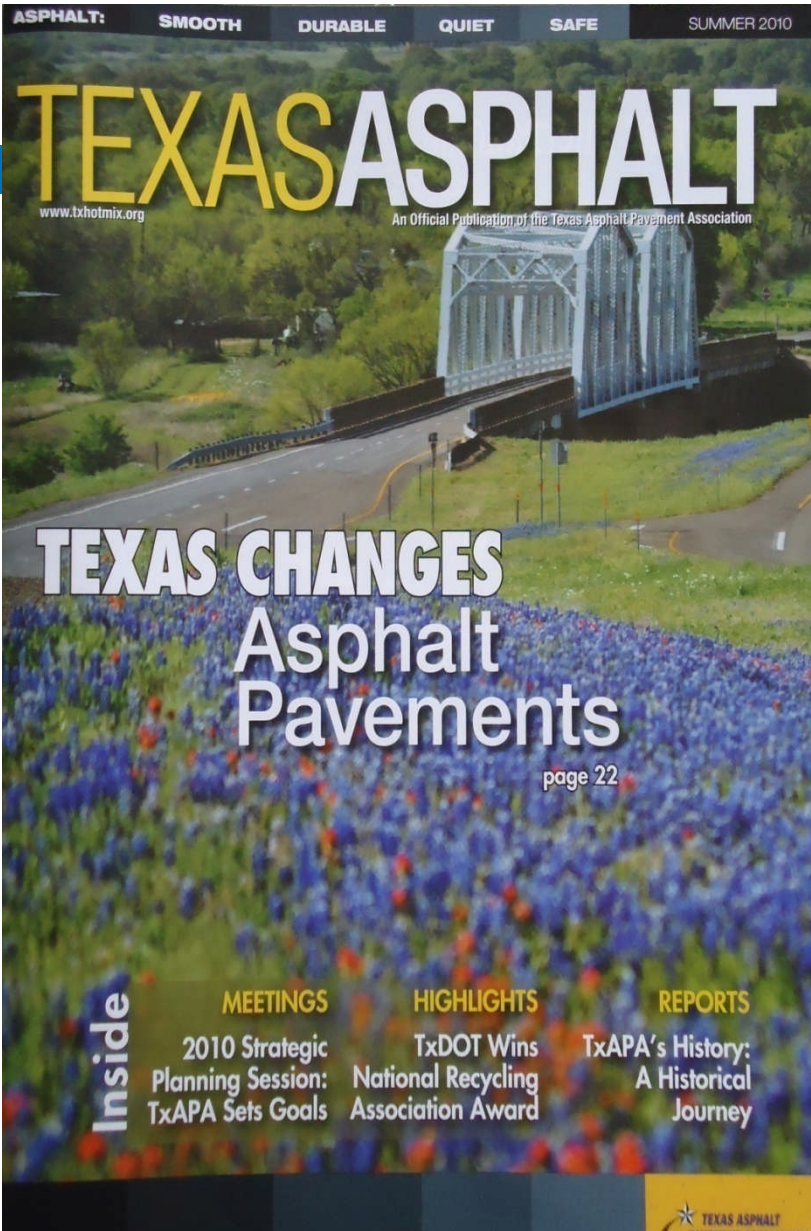
- ▣ Hamburg Wheel Test
- ▣ Material Transfer Device
- ▣ Substitute Binder (RAP) (RAS)
- ▣ WMA
- ▣ IR Pave System
- ▣ Roline Laser – tougher ride specification
- ▣ Overlay Tester (Cracking)

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COOPERATION



- ▣ Custody of Cores
- ▣ Proficiency Testing
- ▣ Lab Equipment
- ▣ Test Procedures
- ▣ Specifications



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ASPHALT...

SMOOTH

DURABLE

SUSTAINABLE

RECYCLABLE

ECONOMICAL



***Partners
In Quality***

- Our industry is changing
- Customer needs changing
- We need to have solutions to challenges and changes
- Work as Partners in Quality
- Be dedicated to quality

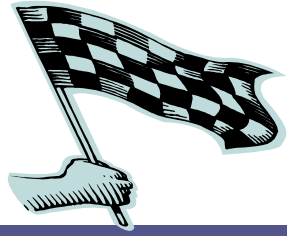


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Quality... Sells Hot Mix

- Give us the quality materials we specify
- Accurately run and pass quality control and assurance test
- Build projects with quality to our specifications
- It will perform with quality to our design life



Texas Favorites



