

HVSIA 2009

HVSIA MATRIX FEEDBACK

3 to 5 November 2009



100
1908 - 2008



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Denkeleers • Leading Minds • Dikgopolo tša Dhlaleli

HVSIA matrix feedback

- Background
- Current status
- Recommendations



Background

- Summary of available test data and locations for all HVS programs



Current view

HVSIA Activity Matrix

More information on the work done on each Focus Area per Institution/Organisation can be obtained by clicking on the relevant coloured square alongside the Focus Area.

NB: Each Institution/Organisation is responsible for the updating of their own information.

[Go to Instructions Page>>>](#)

[Go to Overview Page >>](#)

[Go to Acronyms Page>>](#)

Focus Areas	Competency Areas																												
	Struc Des			Materials				Performance				Rehab/Maint			Constr			Info Syst	VPI		Instr								
									Func	Struc																			
Asphalt	F	R	C	V	F	C	R	V	CR	R	C	F	R	C	CR	E	R	V	C	F	R	C	C	F	C	R	F	CR	C
Cemented layers		R	C	E		E		C		R		E	R				R				E	R							
Concrete	F	R	C		F	C	R			R		F	R	C		E	R	F	C	F	R	C	C				F	CR	C
Granular		R	C	V			R	V	CR		C										CR	R						E	
Modified binders			C		F	C			CR		C	F		C						C	F		C	C	F		F		
LIC		R			F		R						R				R					R							
Long lasting pvmts			C			C					C			C							C		C	C					C
NDT			C									E		C		E					C	E					F		
LTPP																													
Surface Treatments												E																	
Bitumen/polymer stab		R		E		E	R					E	R	C		E	R			C	E	R							
DISR		R	C			C	R			R	C			C			R			C		R	C	C					C

Windows taskbar showing: start, Google, Meeting, te doen.xl..., Novell Gro..., HVSIA Act..., Microsoft..., untitled - ...

Current view



Florida

Focus area activities: Asphalt

Focus Area	Description	Activities	Results
Asphalt			

Reports for Focus area: Asphalt

Focus Area	Report No	Author(s)	Date of Issue
Assessing Appropriate Loading Configuration in Accelerated Pavement Testing	Proceedings, 2 nd intl Conference on APT, Minneapolis , MN	Tom Byron, Bouzid Choubane & Mang Tia	September 2004
Evaluation of Coarse and Fine Graded Superpave Mixtures Under Accelerated Pavement Testing	Accepted for Publication TRB 2006	Bouzid Choubane, Salil Gokhale, Greg Sholar & Howard Moseley	January 2006
Evaluation of Superpave Mixtures With and Without Polymer Modification by Means of Accelerated Pavement Testing	Final Report, UF Project No 49104504801-12	Mang Tia, Rey Roque, Okan Sirin, Hong-Joong Kim	November 2002
Rut Initiation Mechanisms in Asphalt Mixtures as Generated Under Accelerated Pavement Testing	TRR 1940, pp. 136-145	Salil Gokhale, Bouzid Choubane, Tom Byron & Mang Tia	January 2005
Evaluation of Performance Data from Repeated Load Test	CTAA, Vol. 50	Leslie Myers, Jagan Guddimetla, Salil Gokhale, C. Paugh & Bouzid Choubane	December 2005
One-Way and Two-Way Directional Heavy Vehicle Simulator Loading Effects on Rutting in Hot Mix Asphalt Pavements	TRR 1869	Mark Novak, Bjorn Birgisson, Rey Roque & Bouzid Choubane	January 2004

Current status

- Updated information received from
 - CSIR, VTI, Florida, UC
 - Standard format and links
- Areas updated
 - Materials
 - CSIR - Rut resistant asphalt, thin concrete
 - Florida – ?
 - VTI - ?
 - UC – Warm mix, composite, permeable



Recommendations

- Rianie Castelyn manages updates
- 6-monthly request for updated information to all

