

Federal Highway A

The Anal System (FARS) rep percent of the fata Mississippi were s "Run-Off-Road" (Ro The National T Safety Board has fatigue or drowsines cant factor in ROR ca factors contribution crashes include drive wet pavement, and p Therefore, the ne highway communi focus efforts on deve termeasures that wil driver with positive gu

The SRC's "Progress In Mot a time sensitive continuous to share valuable technolog tion that are taking shape to programs/goals.

We encourage you to send it that you feel is important en shared. We want to know all

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The Southern Resource technical services to trans and customers through

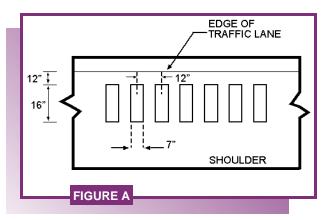
For Support and Servi

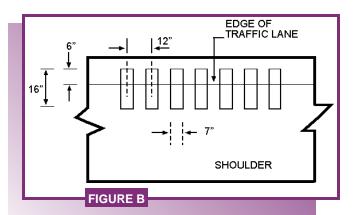
## SOUTHERN RESOUR

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O KNOWLE	EDGE SHARING FOR TODAY	10TION
Administration South	hern Resource Center	VOLUME 1, ISSUE 1
		MAY, 2002
UBLE	SAFETY	SOLUTION
2000 - 1		
2000 Fatal	* ***/	have indicated an enhanced perform-
ysis Reporting		ance for the striping when applied on
ported that 52	A second	the rumble strips. The vertical face of
al crashes in		the rumble strips provides a raised
single vehicle		texture that enhances the retroreflec-
OR) crashes.		tive performance of the striping
Cransportation	A STATE OF THE STA	material. Following a complete
found that	Paramy.	evaluation of this countermeasure,
ss is a signifi-	( ) ( ) ( ) ( ) ( ) ( )	MDOT will determine the extent and
rashes. Other	DOMEST	the best approach of deployment.
ng to ROR	A THOMAS	If fully implemented, this counter-
er inattention,	A Migratio	measure could have significant safety
oor visibility.	6 Manue	results in Mississippi since it
eed for the	S MITTER	addresses the needs of both attentive
ity is clear;	AUTO-POPENT	drivers with positive guidance and
eloping coun-		alerts the inattentive drivers with
ll provide the	o " militarata	vibration and noise.
uidance and an	THE PROPERTY OF	
	3 Table Brown as h.	Over the course of several months,
		MDOT's District 6 in Hattiesburg led
tion" newsletter is	NAC A CHOMA	9
resourceful way	West Warmer	by Richard Lee, District Engineer,
gy and/or informa- hat can help your	The second of th	placed several different rumble strip
пы сип псір удиг	effective warning of a departure from	test markers that will help them deter-
in any information	the roadway.	
nough to be		''Safety is always
bout it.	The Mississippi Department of	on the forefront
	Transportation (MDOT) is making a	• •
	great effort to reduce the crashes and	in everything
ecialist	fatalities in their state. "Safety is	we do''
gov	always on the forefront in everything	
	we do" said MDOT's James Kopf,	
Center provides portation partners	Deputy Executive Director/Chief	mine the best rumble strip application.
out the Nation.	Engineer. MDOT's assertive efforts to	Test sections of rumble strips were
	test different rumble strip designs in	placed on I-59, south of Hattiesburg,
ices:	combination with striping, places	ranging from 6" to 16". Some sections
RCE CENTER	them on the cutting edge in develop-	utilize paint striping on the milled
26 et, SW		rumble strips and others apply thermo-
0303-3104	ing countermeasures to ROR crashes.	plastic on the milled rumble strips.
)-4:00 EST	The initial reviews at night during the	plante of the fiffice rumble sulps.
562.3570	The initial reviews at night during the heavy rains of southern Mississippi	
ecenters/southern	neavy rams of southern witssissippi	- continued on reverse side





For example: Figure A shows the 16" rumble strip offset 12" from the edge of pavement. Figure B also shows 16" rumble strip, but with 6" of this rumble strip placed on the edge of pavement, while the remaining 10" will be cut into the shoulder. The 6" thermoplastic strip was placed on the inside 6" of the rumble strip. MDOT had experimented with one of the proprietary textured striping products and found that the combination rumble strips/striping treatment could be installed for approximately 36% of the cost, plus this treatment provided the extra benefits of the rumble strips.

MDOT is testing *Figure B* on an upcoming two lane highway project to monitor results. The typical section is twelve foot lanes with two foot paved shoulders. After the treatment has been evaluated, MDOT will consider whether to use it as the standard application for two lane roads.

The test sections were reviewed by



The reviewing team that participated in MDOT's rumble test areas. Left to right: Hari Kalla, Rudy Umbs, Frank Julian, Teresa Pace, Jim Willis, James Kopf, Steve McMahen, Richard Lee, Andy Hughes, Todd Jordan

MDOT's James Kopf, Deputy Executive Director/Chief Engineer, Federal Highway Administration. (FHWA) Mississippi Division's Hughes, Division Andrew Administrator, and Safety CBU's Rudy Umbs and Southern Resource Center's (SRC) Safety Team Leader, Frank Julian along with other participants this past January. They were all equally pleased with the quality. MDOT is planning to closely monitor the effects of this treatment on I-59 and will release a detailed evaluation later this year.

The FHWA has developed a Rumble Strip Website/CD-ROM designed to put technical information on rumble strips at the user's fingertips. The website address is:

http://safety.fhwa.dot.gov/programs/rumble.htm

For more information, please contact: Richard Lee, MDOT, District Engineer (601) 544-6511 Teresa Pace, FHWA-Safety Engineer (601) 965-4217 or Frank Julian, FHWA-SRC, Safety Engineer Team Leader (404) 562-3689