

JEB BUSH GOVERNOR

605 Suwannee Street Tallahassee, FL 32399-0450

JOSÉ ABREU SECRETARY

March 30, 2005

This Memo Has Expired

DCE MEMORANDUM NO. 06-05

(FHWA Approval: 3/28/05)

TO:

DISTRICT CONSTRUCTION ENGINEERS

FROM:

Ananth Prasad, Director, Office of Construction

COPIES:

Brian Blanchard, Ed Rice, Sharon Holmes, Lap Hoang, David Sadler,

Stefanie Maxwell, Ian Satter, Don Davis (FHWA), and Bob Burleson

(FTBA)

SUBJECT:

USE OF MOTORIST AWARENESS SYSTEM (MAS) – INTERIM INDEX # 0670 AND CHANGEABLE MESSAGE SIGNS (CMS)

Effective July 11, 2005, the Motorist Awareness System (MAS), Interim Index # 0670 dated 07/01/2005 of the Design Standards (see attached), shall be used on current and future construction contracts if all of the following conditions exist:

- Multilane facility
- Posted speed limit is 55 mph or greater
- Work operation requires a lane closure
- Workers are present

Please process a Field Supplemental Agreement/Work Order to incorporate this Interim Index. This Interim Index overrides Maintenance of Traffic requirements and speed reduction included in the Contract Documents with the exception of length of lane closure on active contracts. The maximum length of lane closure shall be limited to 2 miles per Index 600 and 670 unless otherwise stated in the Plans. Please ascertain from the Engineer of Record any geometric condition that may arise during the course of construction that would necessitate a longer term reduction of speed. This memorandum serves as a blanket approval to process this change and should be attached to the Field Supplemental Agreement/Work Order.

The Department's goal is to achieve the same respect for Work Zones that School Zones currently receive. The key to achieving this respect is to discontinue blanket speed limit reductions in work zones, increase enforcement, and to remove the MAS when the conditions requiring it no longer exist and restore the

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speed limit within the limits of the project to the posted speed limit. Specifically, MAS components are to be activated when the lane closure is setup and deactivated when the lane closure is taken down. All MAS components shall be moved outside of the clear zone or to be shielded by a barrier or crash cushion when not in use.

Reduce the posted speed limit 10 MPH, but not less than 55 MPH, when the above conditions exist and restore the posted speed limit when the conditions no longer exist. Posted Speed limit is defined as the speed limit that existed prior to construction.

Prior to the implementation of the MAS, the project personnel should coordinate with Florida Highway Patrol so that at the onset of MAS, these work zones are enforced aggressively and provide for subsequent periodic stepped-up enforcement. The Department will be conducting a Public Information Safety Campaign blitz during the next year to alert the drivers in the State of Florida of this change and the need to alter behavior.

On active construction contracts, the Department will compensate the Contractor for the following items.

- Portable Regulatory Signs (PRS) 2 ED (each day) for each lane closure -\$ 40.00 ED
- Radar Speed Display Units (RSDU) 2 ED (each day) for each lane closure - \$ 35.00 ED
- Portable Changeable Message Signs (CMS) 1 ED (each day) for each lane closure - \$ 45.00 ED

The State Roadway Design Office will be providing further direction to the designers emphasizing the need to include MAS, where appropriate, in contracts to be let in January 2006 and beyond. As always, the Department's goal is to maintain posted speed limits except under conditions stated above or if temporary geometric design controls dictate a reduction. For contracts let in the period leading up to January 2006, please coordinate incorporating this change while recognizing production deadlines.

Furthermore, recent focus group discussion has indicated that Changeable Message Signs (CMS) are least effective in alerting drivers to work zones. The appropriate use of a CMS should be limited to managing travel, controlling and diverting traffic, identifying current and anticipated roadway conditions, or regulating access to specific lanes or the entire roadway. When these conditions no longer exist, the CMS should be turned off and moved outside of the clear zone. CMS displaying approved safety messages may also be used during the safety campaigns blitzes, with the use limited to a few weeks. To improve the effectiveness of these, the Department has published a list of approved motorist

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safety messages (see attached) to be displayed on such signs. Messages such as "Road Work Ahead", "Use Caution", etc should be discontinued immediately.

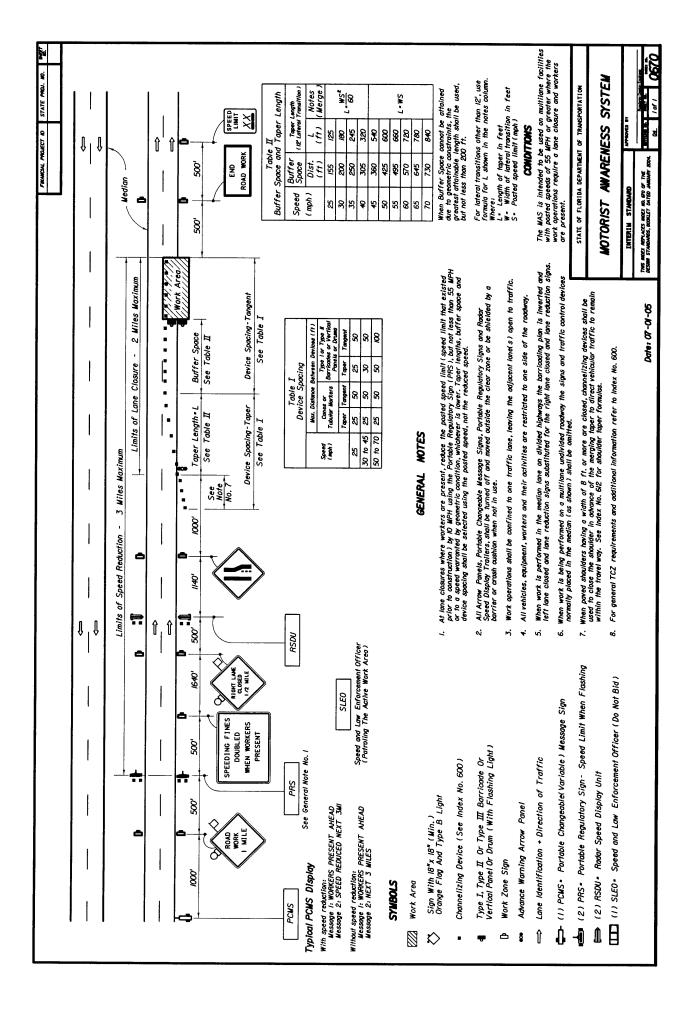
There will be a zero tolerance policy when enforcing timely activation/deactivation of the MAS and the use of CMS. The first occurrence will result in a verbal warning, and subsequent occurrences will result in issuance of Deficiency Warning and Deficiency Letter and may result in removal of the Worksite Traffic Supervisor from the project. Failure on the part of the CEI personnel to enforce these requirements should be reflected in their performance grades and may result in removal of such personnel.

If you have any questions, please contact Stefanie Maxwell at (850) 414-4314, SC 994-4314.

AP/mw

Attachments: Interim Index # 0670 (dated 7-1-05)

Approved Motorist Safety Messages for CMS



APPROVED MOTORIST SAFETY MESSAGES FOR PORTABLE CHANGEABLE MESSAGE SIGNS ON THE STATE HIGHWAY SYSTEM

Latest Revision Date: 4/23/04

MESSAGE		MESSAGE		MESSAGE	
Phase One	Phase Two	Phase One	Phase Two	Phase One	Phase Two
BUCKLE UP	SAVE LIVES	DRINK AND	GO	WARNING	IN
		DRIVE	TO JAIL	TROOPERS PATROL	PLAIN CARS
SPEEDING	SLOW	SPEED	SLOW	SIGNAL	CHANGING
WRECKS YOUR DAY	DOWN	LIMIT ENFORCED	DOWN	BEFORE	LANES
NO	BUCKLE	OBEY		SLOWER	KEEP
EXCUSE	UP	SPEED LIMIT		TRAFFIC	RIGHT
CHECK	: DDEDADE				
POINT	PREPARE TO	AN ALERT DRIVER	AVOID A	FOG OR	TURN
AHEAD	STOP	CAN	CRASH	RAIN	ON LIGHTS
CRASH	SLOW	HEAVY	BE	BUCKLE	"XXXX"
AHEAD	DOWN	TRAFFIC	PATIENT	UP	COUNTY
CRASH AHEAD	ROAD CLOSED	HAVE A	DRIVE	DUI	PREPARE
7.0127.05	CLOSED	SAFE HOLIDAY	SAFELY	CHECK AHEAD	TO STOP
CRASH	PREPARE	KEEP	STAY	DRIVERS	
AHEAD	TO	SAFE	SAFE	DRIVERS LICENSE	PREPARE TO
	STOP	DISTANCE		CHECK	STOP
CRASH AHEAD	PREPARE	RADAR	ARE	PREVENT	DON'T
AHLAD	TO MERGE	IN USE	YOU SPEEDING	A	DRINK
DUI :	VOI.			_ TRAGEDY	& DRIVE
DECIDE	YOU DRIVE	SPEEDING COSTS	SLOW DOWN	REPORT RECKLESS	DIAL
BEFORE		MONEY		DRIVERS	*FHP
CHECK	WE	AIRCRAFT	NEXT "XX"	BUCKLE	JUST
YOUR SPEED	ARE	SPEED CHECK	MILES	UP	DO IT
				J	
BELTS WON'T	UNLESS YOU USE	REST AREA	TAKE	SPEED	NEXT "XX"
WORK	THEM	AHEAD	A BREAK	CHECK	MILES
REPORT	DIAL	SEATBELT	PREPARE	NO MORK	
IMPAIRED	*FHP	DUI	ТО	NO WORK DURING	BUCKLE UP
DRIVERS		CHECK	STOP	HOLIDAYS	
NO WORK	DON'T	NO WORK	OBEY	CLICK	OR
DURING HOLIDAYS	DRINK & DRIVE	DURING HOLIDAYS	SPEED LIMIT	IT IT	TICKET
			-11VII I		

APPROVED MOTORIST SAFETY MESSAGES FOR PORTABLE CHANGEABLE MESSAGE SIGNS ON THE STATE HIGHWAY SYSTEM (Page 2)

Latest Revision Date: 4/23/04

PATROL	BUCKLE		
IN	UP		
PROGRESS	FLORIDA		



To FDOT-DCE

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Subject Motorist Awareness System - DCE Memo 06-05

In March of this year, DCE Memo 06-05, USE OF MOTORIST AWARENESS SYSTEM (MAS), was issued to provide guidance in the use of the MAS. In that memorandum, prices for compensation to the Contractor were quoted as follows:

"On active construction contracts, the Department will compensate the Contractor for the following items.

- Portable Regulatory Signs (PRS) 2 ED (each day) for each lane closure \$40.00 ED
- Radar Speed Display Units (RSDU) 2 ED (each day) for each lane closure \$35.00 ED
- Portable Changeable Message Signs (CMS) 1 ED (each day) for each lane closure -\$45.00 ED"

The prices quoted in memo 06-05 were for furnishing the units and did not include allowable markups. Additionally, there may be costs associated with the set up and take down of these devices that should be considered.

If you have any questions about this, please contact Stefanie Maxwell at 850-414-4314 or by email

David A. Sadler, P.E. Construction Engineer (850)414-5203, SC 994-5203 Lotus Notes FAX (850)412-8021 Fax Machine (850)414-4874, SC 994-4874

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cc Stefanie Maxwell/CO/FDOT@FDOT, BBurleson@ftba.com, Zac Wiginton/CO/FDOT@FDOT

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Subject Motorist Awareness System Implementation - Follow-up to DCE Memo 06-05

As a follow-up to the DCE Memo No. 06-05, we have contacted MPH and Wanco on the supply of the devices required by the MAS and have been assured that they are working diligently to meet the demand. Unfortunately, there have been some uncertainty on the part of the suppliers coupled with a few of the subcontractors waiting till the last moment to put in their orders. Any technical issues relating to these devices have been worked out with MPH and Wanco.

The only other issue pending is a minimum usage on a project for these devices to break even on the investment. We are still discussing this issue with Industry and will let you all know of the resolution. Initial review of the numbers indicate that this will not be an issue on vast majority of our contracts.

To that end, for contracts on which we have an agreement (either a SA or a Unilateral) with the Contractor and the Contractor has in his possession these devices, please start using these devices this week and compensate the Contractor for such use. Please ensure that we have aggressive enforcement at the onset of this system.

For all other contracts that meet the criteria mentioned in the DCE Memo, the Department shall expect this system to be in place and functioning no later than August 8, 2005. There will be no exceptions. Both MPH and Wanco have indicated that they should be able to meet this new deadline.

On August 8, 2005, for contracts that meet the criteria for use of MAS but do not have MAS in place and functioning, the Contractor will be not be allowed to set-up lane closures on such contracts and the Contractors will be issued a Deficiency Letter in Category 3 - Proper MOT and Minimize Impacts to Travelling Public. There may be further implications on the CPPR as a result of not meeting this deadline.

It is important that folks do not procrastinate the implementation any more than what we may have already done. The Department plans to launch a major Public Information Campaign on this subject and it is important, for the credibility of the Department and the Industry, that the work zones that meet criteria are appropriately signed.

If you have any questions, please feel free to call me.

Thanks - Ananth

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