

PICK'S FILE 83-01

81-01
FYI

Zack Stewart
Northern District Commissioner

Hall
al District Commissioner

Wayne H. Brown
Southern District Commissioner



W. Hugh Long
Executive Director

James H. Kopf
Deputy Executive Director/
Chief Engineer

Mississippi Department of Transportation / P.O. Box 1850 / Jackson, Mississippi 39215-1850 / Telephone (601) 359-7001 / FAX (601) 359-7110

RECEIVED
MAR 29 2001
ROADWAY DESIGN

March 22, 2001

Mr. Andrew Hughes
FHWA, Division Administrator
666 North Street, Suite 105
Jackson, MS 39202-3199

Dear Mr. Hughes:

The Mississippi Department of Transportation proposes to include pay items in various projects for 6" Inverted Profile Thermoplastic Traffic Stripe. As this is a proprietary process of Gulfline Corporation, the installation of the stripe would be on an experimental basis. The manufacturer also provides a four (4) year warranty on minimum retroreflectivity standards.

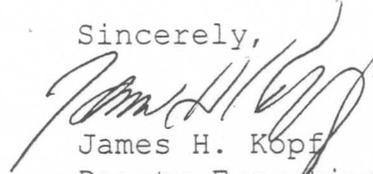
In the absence of a formal location policy for use of the Inverted Profile Stripe, it is proposed to include these pay items on two or three projects in each District. The stripe will generally be used on unlighted Interstate and multiple lane highways.

There have been some limited uses of this stripe on projects in Mississippi, but the quantities of stripe on this number of projects will encourage competitive bid prices so that an evaluation of the cost of this product can be made. The

durability and reflectivity of the product will be monitored under varying traffic conditions.

I request that you concur in the use of, and the participation in the funding for, the Inverted Profile Thermoplastic Traffic Stripe during this evaluation period.

Sincerely,



James H. Kopf
Deputy Executive Director/
Chief Engineer

pc:
District Engineers
Central Records (Via Operations) ✓
Construction File

Pickering, John

From: Pickering, John

Sent: Tuesday, March 13, 2001 5:23 PM

To: Ruff, Wendel

Cc: McMahan, Steve; Purvis, Keith

Subject: Interim Guidelines for Inverted Profile Traffic Stripe

A meeting was held today, Tuesday, March 13, 2001, with Wendel Ruff, Steve McMahan, Keith Purvis, and John Pickering present. The topic of the meeting was "Interim Guidelines for Inverted Profile Traffic Stripe." My understanding of this temporary policy is as follows:

Interim Guidelines for Inverted Profile Traffic Stripe

- Each District is suppose to submit two (2) projects for using Inverted Profile Traffic Stripe. It will be okay if an additional concrete project is submitted. It will be an added advantage if the projects selected will be let to contract soon; however, enough time should be given to Roadway Design Division for inclusion in plans without plan revisions.
- At this time, this type of pavement marking will only apply to 4-lane highways, and can be concrete or asphalt.
- This type of pavement marking will be used on centerline and edge lines only.
- Detail and Legend traffic stripe will remain thermoplastic at this time.

Steve -- It was my understanding you were to run this by the Chief for his approval, especially the centerline and edge lines. I hope to hear from you soon, but if I don't, we will use the above guidelines.

As soon as I hear from Steve, I will send out a letter or e-mail to all District Engineers with the above guidelines.

Pickering, John

From: Purvis, Keith
Sent: Monday, January 22, 2001 8:53 AM
To: Pickering, John
Subject: FW: Inverted Profile Striping

I'll put this down to discuss the next staff meeting.

Keith Purvis
Assistant Roadway Design Division Engineer
Email: kpurvis@mdot.state.ms.us

-----Original Message-----

From: Lowe, Greg
Sent: Friday, January 19, 2001 11:13 AM
To: Purvis, Keith
Subject: RE: Inverted Profile Striping

Maybe this helps some.



Stripe Policy.doc



RE: Inverted Profile
Stripe (r...



FW: Inverted Profile
Traffic S...

-----Original Message-----

From: Purvis, Keith
Sent: Friday, January 19, 2001 11:05 AM
To: Lowe, Greg
Subject: Inverted Profile Striping

I need you to give me a rundown on the policy on inverted profile striping.

Who approved us to put it in the plans?
On which projects?
Are we under a mandate to add it to certain projects?
Whose approval do we need?
Does RWD have "Veto authority" on printed projects?
etc
etc

We are probably going to get something written down to go by.

Keith Purvis
Assistant Roadway Design Division Engineer
Email: kpurvis@mdot.state.ms.us

Date:

To: Districts
Divisions

From: James H. Kopf
Chief Engineer

Subject: Pavement Marking Policy

Effective May 1, 2001, the following pavement marking policy will be implemented on all projects.

Center Lines, No Passing Lines, and Lane Lines

	ADT < 2000	2000 <= ADT <10,000	ADT > 10,000
PAINT			
THERMO OR COLD PLASTIC			
INVERTED PROFILE THERMO	X	X	X

Edge Stripes (On Asphalt Surfaces)

	ADT < 2000	2000 <= ADT <10,000	ADT > 10,000
PAINT	X		
THERMO OR COLD PLASTIC		X	
INVERTED PROFILE THERMO			X

Edge Stripes (On Concrete Surfaces)

	ADT < 2000	2000 <= ADT <10,000	ADT > 10,000
PAINT	X	X	
PREFORMED HIGH PERFORMANCE COLD PLASTIC (On Bridges & Bridge End Pavement)		X	
INVERTED PROFILE THERMO			X

Variations to this policy must be approved by this office.

cc: File

Pickering, John

From: Lewis, Brad

Sent: Monday, December 11, 2000 12:14 PM

To: Lowe, Greg

Subject: RE: Inverted Profile Stripe (rain stripe) from GulfLine Corp.

907-626-J (mile) 4" or 6" Inverted Profile Thermoplastic Traffic Stripe (Cont. Wh.)

907-626-L (mile or LF) 4" or 6" Inverted Profile Thermoplastic Traffic Stripe (Cont. Yel.)

907-626-I (mile) 4" or 6" Inverted Profile Thermoplastic Traffic Stripe (Skip Wh.)

907-626-K (mile) 4" or 6" Inverted Profile Thermoplastic Traffic Stripe (Skip Yel.)

-----Original Message-----

From: Lowe, Greg

Sent: Monday, December 11, 2000 11:56 AM

To: Lewis, Brad

Subject: FW: Inverted Profile Stripe (rain stripe) from GulfLine Corp.

Get me some inverted profile pay item numbers for:

- Edge white,
- Edge yellow,
- Skip white, &
- Skip yellow.

-----Original Message-----

From: **Wallace, Ken**

Sent: Monday, December 11, 2000 11:25 AM

To: Lowe, Greg; Lewis, Brad; Foster, David

Cc: McWilliams, Roger; Devaughn, George; Pickering, John; May, Ricky

Subject: Inverted Profile Stripe (rain stripe) from GulfLine Corp.

To all,

Pursant to our meeting with Dana Burney with GulfLine Corp., we've made the decision NOT to add the GulfLine inverted profile stripe to the I-55 south Copiah Co. Line to McDowell Rd. project.

We do plan, however, to add it to the Nissan Interchange project AND the (what was formerly known as) the Steed Road overlay project on I55. (This project is being reworked now and will run from the north EOP of the Madison Interchange project to the BOP of the Nissan Interchange project.)

Dist. V will add the stripe to these projects only until such time a decision can be made on the proposed policy change which could mandate this type of stripe on projects which meet certain criteria.

Ken Wallace

Construction Engineer

Dist. V

Pickering, John

From: Lewis, Brad
Sent: Thursday, December 21, 2000 8:13 AM
To: Lowe, Greg
Subject: FW: Inverted Profile Traffic Stripe

Importance: High

-----Original Message-----

From: Russell, Buddy
Sent: Wednesday, December 20, 2000 4:37 PM
To: Devaughn, George; Funchess, Doug
Cc: Hurst, Lucy; Lewis, Brad; Walker, Carroll; Wilson, Bill; Gordon, Chris
Subject: FW: Inverted Profile Traffic Stripe
Importance: High

FYI

-----Original Message-----

From: McMahan, Steve
Sent: Wednesday, December 20, 2000 4:12 PM
To: Russell, Buddy
Subject: FW: Inverted Profile Traffic Stripe
Importance: High

Buddy, is this enough direction?

-----Original Message-----

From: Kopf, Jim
Sent: Wednesday, December 20, 2000 8:01 AM
To: McMahan, Steve
Subject: RE: Inverted Profile Traffic Stripe
Importance: High

Lets only use inverted profile on four lane routes for the time being. The cost needs to be an acceptable percentage of the total cost of the project. This would not be the case on three numbered routes. The black background might be good on the concrete project since it is probably going to get a lot of attention. It would help make it a show dog. I am not advocating that we go to inverted profile on all four lane projects at this time, but if a project can be striped and the cost is an acceptable percentage of the total cost, I have no problem with its use. We do need, however, to ask the districts to keep records and invoke the warranty clause if necessary.

-----Original Message-----

From: McMahan, Steve
Sent: Wednesday, December 20, 2000 7:52 AM
To: Kopf, Jim
Subject: FW: Inverted Profile Traffic Stripe

I told Buddy that you were agreeable to using inverted stripe on the concrete

warranty project. Jimmy Dickerson wants to use the white stripe with the black background. I don't see a need for the black background. I told Buddy I am not opposed to using it on our interstate and 4 lane Intrastate on center line ONLY to begin with. Your comments? District 7 wants to use it everywhere, even three numbered routes. I don't agree.

-----Original Message-----

From: Russell, Buddy
Sent: Tuesday, December 19, 2000 10:33 AM
To: McMahon, Steve
Cc: Devaughn, George; Funchess, Doug
Subject: Inverted Profile Traffic Stripe

Some of our Area Engineers have reported the District's intent to use inverted profile pavement markings on upcoming projects including some in the January letting. Exclusive use of inverted profile has even been mentioned.

Construction Division is not aware of changes to the Department's pavement marking policies. Have the Districts been given authority for general use of inverted profile markings that we don't know about?