MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Inter-Departmental Memorandum

TO: Squad Leaders **DATE:** December 3, 1996

FROM: Steven W. Reeves SWR
Quality Control Engineer
Roadway Design

SUBJECT OR PROJECT NO: Pay Item Numbers

INFORMATION COPY TO:

COUNTY:

Wendel Ruff
Irving Harris
John Pickering
Ray Balentine
Section Leaders
Active Consultants
File

Beginning with the March 1997 Letting, the following changes in the pay item numbers for stripe will have to be initiated.

Add the "907" prefix to the English and Metric pay item numbers listed below.

619-A1	619-A2	619-A3	619-A4	619-A5	619-A6
626-A	626-B	626-C	626-D	626-E	626-F
626-G	626-H				

Delete the following English and Metric pay items.

619-B1	619-B2	619-B3	619-B4	619-B5	619-B6

Please find attached Special Provisions Nos. 907-618-56, 907-609-7, 907-626-5, 907-618-4M, 907-619-1M, and 907-626-2M.

If you have any questions, please advise.

SWR/swr

83-01

Zack Stewart
Northern District Commissioner

Wayne O. Burkes
tral District Commissioner

Ronnie Shows
Southern District Commissioner

MDOT

Dr. Robert L. Robinson
Executive Director

Kenneth I. Warren
Deputy Executive Director/
Chief Engineer

RECEIVED
NOV 25 1996
ROADWAY DESIGN

ROADWAY DESIGN DIVISION
ACTION INFO
DIV. ENG.
ASST. DIV. ENG. TW
DESIGN ENG. J.P.
SPEC. ENG.
CADD ENG.
PHOTO ENG.
AREA 1 ENG.
AREA 2 ENG.
AREA 3 ENG.
AREA 5 ENG.
AREA 6 ENG.
AREA 7 ENG.
OFFICE MANAGER
STEVE R SWR

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

November 21, 1996

TO: District Engineers
Distict Construction Engineers
Resident Engineers
Project Engineers
Roadway Design Engineer
Materials Engineer
Traffic Engineering
Federal Highway Administration

FROM: State Construction Engineer

Attached are special provisions that combine <u>all</u> pavement markings that are temporary in nature under one item denoted as Temporary Traffic Stripe.

Upon approval by FHWA, these special provisions will be included in all applicable projects beginning with the **MARCH, 1997 LETTING.**

As indicated in the June 27, 1996 memorandum to those listed above, these special provisions will:

1. Be required on all projects beginning with the MARCH, 1997 letting to include "91" Maintenance Projects.

2. Require separate pay items for the temporary traffic traffic stripe and not allow the temporary traffic stripe to be absorbed in the pay items for Maintenance of Traffic.

Review these special provisions carefully as they contain numerous changes in construction procedures.

Your cooperation in the implementation of the above change will be appreciated.

SLM:cm
pc:
Central File(Via Operations)
Constr. File(Via Russell & Funchess)
MRBA

Attachments

83-01

Zack Stewart
Northern District Commissioner

Wayne O. Burkes
Central District Commissioner

Bonnie Shows
Southern District Commissioner

MDOT

Dr. Robert L. Robinson
Executive Director

Kenneth I. Warren
Deputy Executive Director/
Chief Engineer

RECEIVED
NOV 25 1996
ROADWAY DESIGN

ROADWAY DESIGN DIVISION	ACTION	INFO
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SPEC ENG.		
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AREA 1 ENG.		
AREA 2 ENG.		
AREA 3 ENG.		
AREA 5 ENG.		
AREA 6 ENG.		
AREA 7 ENG.		
OFFICE MANAGER		
STEVE R	✓	SUR

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

November 18, 1996

Ms. Phyllis E. Young
Division Administrator
Federal Highway Administration
666 North Street, Suite 105
Jackson, Mississippi 39202-3199

Dear Ms. Young:

Because of a change by the Department to combine short-term and temporary striping items, the 1990 Edition and the 1996 Metric Edition of the Mississippi Standard Specifications for Road and Bridge Construction are being revised as set forth herein.

Attached for FHWA Division and Region review are eight (8) copies each of Special Provision Nos. 907-618-56 and 907-618-4M; Subject: Placement of Temporary Traffic Stripe, Special Provision Nos. 907-619-7 and 907-619-1M; Subject: Temporary Traffic Stripe, and Special Provision Nos. 907-626-5 and 907-626-2M; Subject: Thermoplastic Markings.

Special Provision Nos. 907-618-4M, 907-619-7, 907-619-1M and 907-626-2M are initial submissions under this subject. Special Provision No. 907-618-56 replaces Special Provision No. 907-618-14. Special Provision No. 907-626-5 replaces Special Provision No. 907-626-1.

For your convenience, Special Provision Nos. 907-618-56 and 907-626-5 have changes marked with a vertical line in the left margin.

Approval of these Special Provisions for general use on an interim basis beginning with a March 1997 letting is requested.

Yours very truly,

KENNETH I. WARREN
CHIEF ENGINEER

Attachment

KIW:df

pc: State Aid Division
Roadway Design
Construction Division
Central File (Via Ass't. Chief Engineer - Operations)
Specifications file

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-618-56 **CODE: (IS)**

DATE: **11/06/96**

SUBJECT: **Placement of Temporary Traffic Stripe**

Section 618, Maintenance of Traffic and Traffic Control Plan, of the 1990 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

907-618.03 -- Construction Requirements.

907-618.03.3 -- Safe Movement of Traffic. Delete the last paragraph on page 618-3 under Subsection 618.03.3 and substitute:

All centerline, lane lines, edge lines and no-passing stripes that have been covered or removed during the day's operations shall be replaced with temporary stripe before work is discontinued for the day or as soon thereafter as weather conditions will permit, except that:

(1) Replacement of no-passing stripes may be delayed for a period not to exceed three (3) days for a two or three lane road.
(2) Temporary edge lines may be eliminated on projects requiring shoulders constructed of granular material.
(3) Temporary edge lines placed on the final pavement course of projects requiring paved shoulders without surface treatment shall be placed in the permanent stripe location, otherwise temporary edge lines on projects requiring paved shoulders may be placed on the adjacent shoulder in as near the permanent location as possible.

Temporary no-passing stripe is not considered a major item of work and such stripe which is eliminated because of placing the next course prior to expiration of the 3-day period shall not result in a monetary adjustment to the Contractor as provided in 104.02. All temporary stripe shall be placed in accordance with the plans and Subsection 907-619.03.2.

Delete the first sentence of the first paragraph on page 618-4 under Subsection 618.03.3 and substitute the following:

In addition to the temporary no-passing stripe, the Contractor shall erect standard "DO NOT PASS," "NO-PASSING ZONE," and "PASS WITH CARE" signs in accordance with plan details or as specified in the MUTCD.

Delete the last sentence of the third paragraph on page 618-4 under Subsection 618.03.3 and substitute the following:

All temporary stripe shall be maintained in good order until placement of the permanent pavement markings or placement of the next pavement course or until removed.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-618-4M **CODE: (IS)**

DATE: **11/14/96**

SUBJECT: **Placement of Temporary Traffic Stripe**

Section 618, Maintenance of Traffic and Traffic Control Plan, of the 1996 Metric Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

907-618.03 -- Construction Requirements.

907-618.03.3 -- Safe Movement of Traffic. Delete the sixth paragraph of Subsection 618.03.3 on page nos. 618-3 and 618-4 and substitute:

All centerline, lane lines, edge lines and no-passing stripes that have been covered or removed during the day's operations shall be replaced with temporary stripe before work is discontinued for the day or as soon thereafter as weather conditions will permit, except that:

(1) Replacement of no-passing stripes may be delayed for a period not to exceed three (3) days for a two or three lane road.
(2) Temporary edge lines may be eliminated on projects requiring shoulders constructed of granular material.
(3) Temporary edge lines placed on the final pavement course of projects requiring paved shoulders without surface treatment shall be placed in the permanent stripe location, otherwise temporary edge lines on projects requiring paved shoulders may be placed on the adjacent shoulder in as near the permanent location as possible.

Temporary no-passing stripe is not considered a major item of work and such stripe which is eliminated because of placing the next course prior to expiration of the 3-day period shall not result in a monetary adjustment to the Contractor as provided in 104.02. All temporary stripe shall be placed in accordance with the plans and Subsection 907-619.03.2.

Delete the first sentence of the first full paragraph on page 618-4 under Subsection 618.03.3 and substitute the following:

In addition to the temporary no-passing stripe, the Contractor shall erect standard "DO NOT PASS," "NO-PASSING ZONE," and "PASS WITH CARE" signs in accordance with plan details or as specified in the MUTCD.

Delete the last sentence of the third full paragraph on page 618-4 under Subsection 618.03.3 and substitute the following:

All temporary stripe shall be maintained in good order until placement of the permanent pavement markings or placement of the next pavement course or until removed.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-619-7 **CODE: (IS)**

DATE: **11/14/96**

SUBJECT: **Temporary Traffic Stripe**

Section 619, Traffic Control for Construction Zones, of the 1990 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

907-619.03 -- Construction Requirements.

907-619.03.2 -- Temporary Stripe. Delete in toto Subsection 619.03.2 on page 619-4 and substitute the following:

Temporary stripes are pavement markings, temporary in nature, such as those used to direct traffic from it's customary path or those to be removed from the pavement course under use for further temporary traffic control or those to be covered by the next pavement course and/or those to be replaced by permanent stripes. Temporary stripes shall be paint or preformed tape as designated on the plans or when not designated, the use of paint or tape will be at the Contractor's option. Temporary stripes on surface treatments shall be paint.

All temporary stripe shall be placed in accordance with the plans and the requirements set out in Section 625, except that alignment of temporary stripe placed on underlying courses shall have a tolerance of four inches in fifty (50) feet from true alignment for skip stripes and edge lines and one inch in fifty (50) feet from true alignment for no-passing stripes and lane lines. When preformed tape is used on the final pavement course for temporary traffic markings, it shall be removed at no additional cost to the State.

Temporary paint stripe requiring removal shall be removed by carefully controlled blast cleaning, approved grinding or other approved methods in such a manner that the surface to which the stripe was applied will not be unnecessarily marred or damaged. Preformed tape is to be removed in accordance with the manufacturer's recommendations.

Temporary paint stripe which has been placed on the final pavement course may be left in place and covered with permanent stripe of the same color provided the temporary stripe has been satisfactorily placed in the proper location. Under this condition, any remaining temporary paint stripe not covered by the permanent stripe shall be removed at no additional cost to the State.

All temporary pavement markings placed and measured for payment under this section shall include any required removal. Removal of all temporary stripe will not be measured for separate payment.

Existing pavement markings conflicting with temporary markings shall be removed. Removal of such materials (paint, tape, marker, etc.) will be measured for payment only when a pay item under Section 202 has been provided. When removal of pavement markings is to be measured for payment, the skips will not be included in the measurement.

907-619.03.3 -- Short-term Stripe. Delete in toto Subsection 619.03.3 on pages 619-4 and 619-5.

907-619.04 -- Method of Measurement. Delete the second full paragraph on page 619-7 and substitute the following:

Temporary stripe, completed and removed in accordance with the requirements of this Section, will be measured as provided for painted traffic markings in 625.04 or, in the case of legend stripe, in accordance with 907-626.04.

907-619.05 -- Basis of Payment. Add the "907" prefix to pay item numbers 619-A1, 619-A2, 619-A3, 619-A4, 619-A5 and 619-A6 in Subsection 619.05 on page numbers 619-7 and 619-8.

Delete in toto the pay item numbers, descriptions and units for pay item numbers 619-B1, 619-B2, 619-B3, 619-B4, 619-B5 and 619-B6 from Subsection 619.05 on page 619-8.

Delete the last paragraph of Subsection 619.05 on page 619-10 and substitute the following:

* The description for temporary traffic stripe will be shown as "paint" or "tape". In the case of "tape" the type will also be designated. When the description is not designated, the use of "paint" or "tape" will be at the Contractor's option.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-619-1M **CODE: (IS)**

DATE: **11/14/96**

SUBJECT: **Temporary Traffic Stripe**

Section 619, Traffic Control for Construction Zones, of the 1996 Metric Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

907-619.03 -- Construction Requirements.

907-619.03.2 -- Temporary Stripe. Delete in toto Subsection 619.03.2 on page 619-4 and substitute the following:

Temporary stripes are pavement markings, temporary in nature, such as those used to direct traffic from it's customary path or those to be removed from the pavement course under use for further temporary traffic control or those to be covered by the next pavement course and/or those to be replaced by permanent stripes. Temporary stripes shall be paint or preformed tape as designated on the plans or when not designated, the use of paint or tape will be at the Contractor's option. Temporary stripes on surface treatments shall be paint.

All temporary stripe shall be placed in accordance with the plans and the requirements set out in Section 625, except that alignment of temporary stripe placed on underlying courses shall have a tolerance of 100 millimeters in 15 meters from true alignment for skip stripes and edge lines and 25 millimeters in 15 meters from true alignment for no-passing stripes and lane lines. When preformed tape is used on the final pavement course for temporary traffic markings, it shall be removed at no additional cost to the State.

Temporary paint stripe requiring removal shall be removed by carefully controlled blast cleaning, approved grinding or other approved methods in such a manner that the surface to which the stripe was applied will not be unnecessarily marred or damaged. Preformed tape is to be removed in accordance with the manufacturer's recommendations.

Temporary paint stripe which has been placed on the final pavement course may be left in place and covered with permanent stripe of the same color provided the temporary stripe has been satisfactorily placed in the proper location. Under this condition, any remaining temporary paint stripe not covered by the permanent stripe shall be removed at no additional cost to the State.

All temporary pavement markings placed and measured for payment under this section shall include any required removal. Removal of all temporary stripe will not be measured for separate payment.

Existing pavement markings conflicting with temporary markings shall be removed. Removal of such materials (paint, tape, marker, etc.) will be measured for payment only when a pay item under Section 202 has been provided. When removal of pavement markings is to be measured for payment, the skips will not be included in the measurement.

907-619.03.3 -- Short-term Stripe. Delete in toto Subsection 619.03.3 on pages 619-4 and 619-5.

907-619.04 -- Method of Measurement. Delete the third paragraph on page 619-7 and substitute the following:

Temporary stripe, completed and removed in accordance with the requirements of this Section, will be measured as provided for painted traffic markings in 625.04 or, in the case of legend stripe, in accordance with 626.04.

907-619.05 -- Basis of Payment. Add the "907" prefix to pay item numbers 619-A1, 619-A2, 619-A3, 619-A4, 619-A5 and 619-A6 in Subsection 619.05 on page numbers 619-7 and 619-8.

Delete in toto the pay item numbers, descriptions and units for pay item numbers 619-B1, 619-B2, 619-B3, 619-B4, 619-B5 and 619-B6 from Subsection 619.05 on pages 619-8 and 619-9.

Delete the last paragraph of Subsection 619.05 on page 619-10 and substitute the following:

* The description for temporary traffic stripe will be shown as "paint" or "tape". In the case of "tape" the type will also be designated. When the description is not designated, the use of "paint" or "tape" will be at the Contractor's option.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-626-5 **CODE: (IS)**

DATE: **11/14/96**

SUBJECT: **Thermoplastic Markings**

Section 626, Thermoplastic Traffic Markings, of the 1990 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

907-626.03--Construction Requirements.

907-626.03.2--Construction Details. Delete the first paragraph on page 626-2 under Subsection 626.03.2 and substitute the following:

Unless otherwise directed by the Engineer, traffic stripes that are coincidental with the thermoplastic stripe shall be removed prior to placement of the thermoplastic material, except that temporary paint stripe may be left in place when satisfactorily placed in the proper location. Any temporary stripe not covered shall be removed. Payment for removal of stripe, except temporary stripe, will be made under Section 202.

907-626.04--Method of Measurement. Delete the last sentence of Subsection 626.04 on Page 626-3 and substitute the following:

Transverse railroad bands, pedestrian crosswalks and stop lines will generally be measured by the linear foot, in which case, stripes more than four inches in width will be converted to equivalent lengths of four-inch widths.

907-626.05--Basis of Payment. Add the "907" prefix to all the pay item numbers listed in Subsection 626.05 on page 626-3.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-626-2M **CODE: (IS)**

DATE: **11/14/96**

SUBJECT: **Thermoplastic Markings**

Section 626, Thermoplastic Traffic Markings, of the 1996 Metric Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

907-626.03--Construction Requirements.

907-626.03.2--Construction Details. Delete the first paragraph on page 626-2 under Subsection 626.03.2 and substitute the following:

Unless otherwise directed by the Engineer, traffic stripes that are coincidental with the thermoplastic stripe shall be removed prior to placement of the thermoplastic material, except that temporary paint stripe may be left in place when satisfactorily placed in the proper location. Any temporary stripe not covered shall be removed. Payment for removal of stripe, except temporary stripe, will be made under Section 202.

907-626.05--Basis of Payment. Add the "907" prefix to all the pay item numbers listed in Subsection 626.05 on page 626-3.