

WORKBOOK CHANGE(S)

Add D 9940033.DOT
Rev Date 2-25-04
F.A. Date 3-10-04
Letting Date 7-04

Move D _____
To Deleted File _____
Rev Date _____
F.A Date _____
Letting Date _____

Remarks New SS.

Usage note: all jobs
Added by Mandatory
#2 for July 2004
letting

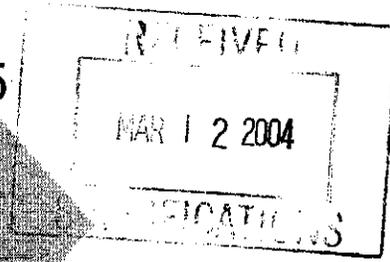
Dates

*Copy of Spec to Paul that Impacts
QPL (ONLY) _____
Added to Nextwb file 3-17-04
Deleted from Nextwb file _____
History File Updated _____
Rolodexed 4/21/04 rh
Additional back-up see _____

Route Slip

U.S. Department of Transportation
Federal Highway Administration
Florida Division
545 John Knox Road, Suite 200
Tallahassee, FL 32303

Distribution:
FDOT MS-75



To: MR. DUANE BRAUTIGAM	Organization: FDOT, SPECIFICATIONS ENGINEER	Date: March 11, 2004	Routing Symbol: MS-75
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- Per Your Request
- For Your Information**
- Per Our Conversation
- Comment
- Take Appropriate Action
- Note and Return
- Discuss With Me
- For Your Approval
- For Your Signature
- Please Answer
- Prepare Reply
For Signature of

Remarks:

**FEDERAL
FLORIDA SPECIFICATIONS:
HIGHWAY
ADM.**

D4550001.D02 - Supplemental Specifications for Structures Foundations, Section 455

D9940033.D01 - Physical Requirements - Color, Section 994

ATTACHMENTS

By Ann Allshouse FOR: JAMES E. ST. JOHN, DIVISION ADMINISTRATOR	Telephone Number: (850) 942-9650, EXT. 3034	FDOT MS: # 29	Org/Rtg Symbol
--	---	----------------------	-----------------------

DON Davis: ANN to file in binders cc: 1 (w/specification)



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JOSÉ ABREU
SECRETARY

February 25, 2004

Mr. Donald Davis
Program Operations Engineer
Federal Highway Administration
545 John Knox Road
Tallahassee, Florida 32303

Re: Office of Design, Specifications
Section 994
Proposed Specification: D9940033.D01 – Physical Requirements - Color

Dear Mr. Davis:

We are submitting, for your approval, two copies of a proposed Supplemental Specification for Physical Requirements - Color.

This change was proposed by Cheryl Adams of the Roadway Design Office to incorporate requirements for fluorescent orange for work zone signs.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to SP965DB or duane.brautigam@dot.state.fl.us.

If you have any questions relating to this specification change, please call Duane F. Brautigam, State Specifications Engineer at 414-4110.

Sincerely,

Signature on file

Duane F. Brautigam, P.E.
State Specifications Engineer

DFB/sh
Attachment

cc: General Counsel
Florida Transportation Builders' Assoc.
State Construction Engineer

PHYSICAL REQUIREMENTS – COLOR.
(REV 2-25-04)

Deleted: 1-6-04

SUBARTICLE 994-3.3 (Page 948) is deleted and the following substituted:

994-3.3 Color: The retroreflective and nonreflective sheeting or film shall have the same daytime and nighttime color when viewed by reflective light regardless of type classification. The diffused color of the retroreflective sheeting, through instrumental color testing, shall conform to the requirements of ASTM D4956. In addition to ASTM D4956 Table 12, the orange fluorescent and yellow-green fluorescent colors shall meet the following x, y chromaticity coordinates:

Deleted: 0

Deleted: a

Fluorescent	1	2	3	4
<u>Yellow/Green</u>				
x	.387	.368	.421	.460
y	.610	.539	.486	.540
<u>Orange</u>				
x	.583	.535	.595	.645
y	.416	.400	.351	.355

Deleted: q
Yellow/Green

Deleted: 46

The daytime luminance for orange and yellow-green fluorescent sheetings shall have a luminance factor of 25 minimum and 60 minimum in addition to ASTM D4956 Table 9, respectively.

Deleted: 35

Deleted: 8

PHYSICAL REQUIREMENTS – COLOR
(REV 2-25-04)

SUBARTICLE 994-3.3 (Page 948) is deleted and the following substituted:

994-3.3 Color: The retroreflective and nonreflective sheeting or film shall have the same daytime and nighttime color when viewed by reflective light regardless of type classification. The diffused color of the retroreflective sheeting, through instrumental color testing, shall conform to the requirements of ASTM D4956. In addition to ASTM D4956 Table 13, the orange fluorescent and yellow-green fluorescent colors shall meet the following x, y chromaticity coordinates:

Fluorescent	1	2	3	4
	Yellow/Green			
x	.387	.368	.421	.460
y	.610	.539	.486	.540
	Orange			
x	.583	.535	.595	.645
y	.416	.400	.351	.355

The daytime luminance for orange and yellow-green fluorescent sheetings shall have a luminance factor of 25 minimum and 60 minimum in addition to ASTM D4956 Table 9, respectively.

*See sheet attachment
attached behind
3-17-04*

APPROVED: *[Signature]* **DATE:** *3/16/04*
For the Division Administrator

PHYSICAL REQUIREMENTS - COLOR.
(REV 2-25-04)

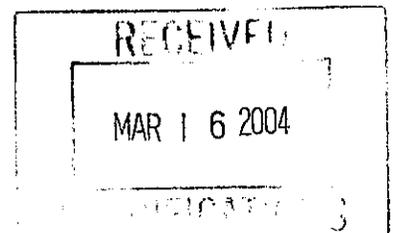
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Fluorescent	1	2	3	4
Yellow/Green				
x	.387	.368	.421	.460
y	.610	.539	.486	.540
Orange				
x	.583	.535	.595	.645
y	.416	.400	.351	.355

The daytime luminance for orange and yellow-green fluorescent sheetings shall have a luminance factor of 25 minimum and 60 minimum in addition to ASTM D4956 Table 9, respectively.

APPROVED: *[Signature]* DATE: 3/10/04 *DSQ*
~~4/10/04~~
For the Division Administrator





Shirley Harvey

02/25/2004 01:28 PM

To: Donald.davis@fhwa.dot.gov
cc: Clay McGonagill/CO/FDOT@FDOT, bburleson@ftba.com,
acarlisle@ftba.com, Ananth Prasad/CO/FDOT@FDOT,
ann.allshouse@fhwa.dot.gov, Cheryl Adams/CO/FDOT@FDOT
Subject: Approval for D9940033.D01 - Physical Requirements - Color



D9940033.D01.doc

Please review the attached draft specification and return your approval/comments within two weeks.

Thanks,
shirley harvey
SC 994-4120
(850)414-4120
shirley.harvey@dot.state.fl.us



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JOSÉ ABREU
SECRETARY

February 25, 2004

Mr. Donald Davis
Program Operations Engineer
Federal Highway Administration
545 John Knox Road
Tallahassee, Florida 32303

Re: Office of Design, Specifications
Section 994
Proposed Specification: D9940033.D01 – Physical Requirements - Color

Dear Mr. Davis:

We are submitting, for your approval, two copies of a proposed Supplemental Specification for Physical Requirements - Color.

This change was proposed by Cheryl Adams of the Roadway Design Office to incorporate requirements for fluorescent orange for work zone signs.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to SP965DB or duane.brautigam@dot.state.fl.us.

If you have any questions relating to this specification change, please call Duane F. Brautigam, State Specifications Engineer at 414-4110.

Sincerely,

A handwritten signature in black ink, appearing to read "Duane F. Brautigam".

Duane F. Brautigam, P.E.
State Specifications Engineer

DFB/sh

Attachment

cc: General Counsel
Florida Transportation Builders' Assoc.
State Construction Engineer

PHYSICAL REQUIREMENTS – COLOR.
(REV 1-6-042-25-04)

SUBARTICLE 994-3.3 (Page 948) is deleted and the following substituted:

994-3.3 Color: The retroreflective and nonreflective sheeting or film shall have the same daytime and nighttime color when viewed by reflective light regardless of type classification. The diffused color of the retroreflective sheeting, through instrumental color testing, shall conform to the requirements of ASTM D4956. In addition to ASTM D4956 Table 103, ~~the orange fluorescent and~~ yellow-green fluorescent colors shall meet the following x, y chromaticity coordinates:

Fluorescent Yellow/Green	1	2	3	4
<i>Yellow/Green</i>				
x	.387	.368	.421	.460
y	.610	.539	.486	.540
<i>Orange</i>				
x	.583	.535	.595	.645
y	.416	.44600	.351	.355

The daytime luminance for *orange and* yellow-green fluorescent sheetings shall have a luminance factor of *25 minimum and 3560* minimum in addition to ASTM D4956 Table 89, respectively.

**PHYSICAL REQUIREMENTS – COLOR.
(REV 2-25-04)**

SUBARTICLE 994-3.3 (Page 948) is deleted and the following substituted:

994-3.3 Color: The retroreflective and nonreflective sheeting or film shall have the same daytime and nighttime color when viewed by reflective light regardless of type classification. The diffused color of the retroreflective sheeting, through instrumental color testing, shall conform to the requirements of ASTM D4956. In addition to ASTM D4956 Table 13, the orange fluorescent and yellow-green fluorescent colors shall meet the following x, y chromaticity coordinates:

Fluorescent	1	2	3	4
Yellow/Green				
x	.387	.368	.421	.460
y	.610	.539	.486	.540
Orange				
x	.583	.535	.595	.645
y	.416	.400	.351	.355

The daytime luminance for orange and yellow-green fluorescent sheetings shall have a luminance factor of 25 minimum and 60 minimum in addition to ASTM D4956 Table 9, respectively.

**PHYSICAL REQUIREMENTS – COLOR.
(REV 1-6-04)**

SUBARTICLE 994-3.3 (Page 948) is deleted and the following substituted:

994-3.3 Color: The retroreflective and nonreflective sheeting or film shall have the same daytime and nighttime color when viewed by reflective light regardless of type classification. The diffused color of the retroreflective sheeting, through instrumental color testing, shall conform to the requirements of ASTM D4956. In addition to ASTM D4956 Table 103, ~~the orange fluorescent and~~ yellow-green fluorescent colors shall meet the following x, y chromaticity coordinates:

Fluorescent Yellow/Green	1	2	3	4
<i>Yellow/Green</i>				
x	.387	.3698	.4281	.460
y	.610	.54639	.4986	.540
<i>Orange</i>				
x	.583	.535	.595	.645
y	.416	.40046	.351	.355

The daytime luminance for *orange and* yellow-green fluorescent sheetings shall have a luminance factor of *25 minimum and 6035* minimum in addition to ASTM D4956 Table 89, respectively.



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JOSÉ ABREU
SECRETARY

MEMORANDUM

DATE: February 11, 2004

TO: Cheryl Adams, Roadway Design Office

FROM: Clinton J. Shaw, State Specifications Office

SUBJECT: **Proposed Modifications To Specification: D9940033 – Physical Requirements - Color**

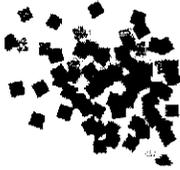
Comments received, regarding the subject modification to the Standard Specifications, are attached. Please review these comments and advise of any further modifications by February 25, 2004. Also, please submit an electronic summary, of your decisions concerning these comment(s) in memorandum format. This summary will be posted on the State Specifications Office Web Page and included in the Specifications folder for future reference, should someone question your response. Your assistance will be appreciated.

Please Email submittals to SP965CS or clinton.shaw@dot.state.fl.us.

CS/sh

Attachment

#	Comment and Responses for D7000025.D01 and D9940033.doc	Submitted	Response	By
1	<p>I don't feel that a type VI sign is necessary. Spec. 994 only mentions type VI as reflective sheeting shall meet ASTM D4956. Therefore, I'm not sure why this is necessary. I'm leery of nonreflective sheeting being used at all.</p>	Grochowski	<p>The reference to ASTM D4956 type VI is for color, daytime luminance and non-reflective property a reflective roll-up sign. Since there are no other standards for non-reflective properties in ASTM, these properties are applicable to make the roll-up sign uniformed to what a motorist is expecting to see.</p>	Lancaster
2	<p>Just a few comments: 700-2.5 Second sentence should read: Use fluorescent orange Type VI or VII for all orange work zone signs on interstates. This provides much better clarification. 994-3.3 x, y coordinates should match the FHWA and ASTM definitions table should read: Changes are in table 2 and top portion of table 3. Fluorescent 1 2 3 4 Yellow Green X .387 .369 .428 .460 Y .610 .546 .496 .540 Orange X .583 .535 .595 .645 Y .416 .400 .351 .355</p>	Meslow	<p>I agree. ASTM is in the process of finalizing their specification which will be as those listed. Whenever the new ASTM D4956 is printed, then just a reference to the ASTM will be all that is required for the color. Specification updated to include Meslow's comments.</p>	Lancaster
3	<p>Final paragraph: The minimum Y for yellow green is 60 not 35. The use of mesh signs is outlined in index 600, sheet 4 of 10, Sign materials, restricting them to day time use only. Suggest removing 'for temporary use in only daytime hours' unless the index is going to be changed. The requirements or restriction should be in 1 place only.</p>	Dion	<p>I agree, remove the following language from spec: "Mesh signs for temporary use in only daytime hours shall"</p>	Adams



Cheryl Adams

02/25/2004 10:03 AM

To: Shirley Harvey/CO/FDOT@FDOT
cc: Clinton Shaw/CO/FDOT@FDOT, David Sadler/CO/FDOT@FDOT,
David Sumner/CO/FDOT@FDOT, Jim Mills/CO/FDOT@FDOT, Philip
D Lancaster/SM/FDOT@FDOT
Subject: Re: NEED ASAP - Comments Received for D7000025.D01 - Sign
Assembly Design Requirements - Sign Background

Please process for a July 2004 Letting! Thanks!

Phillip, Thanks for all your help, I really needed your expertise!

Cheryl Adams
Florida Department of Transportation
605 Suwannee Street MS 32
Tallahassee, Florida 32399-0450

Roadway and Criteria Section
850-414-4327 or Suncom 994-4327
cheryl.adams@dot.state.fl.us
RD960CA

----- Forwarded by Cheryl Adams/CO/FDOT on 02/25/2004 10:01 AM -----



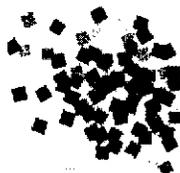
Philip D Lancaster

02/25/2004 09:54 AM

To: Cheryl Adams/CO/FDOT@FDOT
cc: Clinton Shaw/CO/FDOT@FDOT, David Sadler/CO/FDOT@FDOT,
David Sumner/CO/FDOT@FDOT, Jim Mills/CO/FDOT@FDOT, Shirley
Harvey/CO/FDOT@FDOT
Subject: Re: NEED ASAP - Comments Received for D7000025.D01 - Sign
Assembly Design Requirements - Sign Background

I checked these over. They look fine. Thanks,

Philip D. Lancaster, P.E
Florida Department of Transportation
Environmental Administrator
State Materials Office
(352)955-6654
Suncom: 625-6654
5007 NE 39th Avenue
Gainesville, FL 32609
Cheryl Adams



Cheryl Adams

02/24/2004 01:00 PM

To: Philip D Lancaster/SM/FDOT@FDOT
cc: Clinton Shaw/CO/FDOT@FDOT, David Sadler/CO/FDOT@FDOT,
David Sumner/CO/FDOT@FDOT, Jim Mills/CO/FDOT@FDOT, Shirley
Harvey/CO/FDOT@FDOT
Subject: Re: NEED ASAP - Comments Received for D7000025.D01 - Sign
Assembly Design Requirements - Sign Background

Here are the updated specs that incorporate Meslow, Dion's and Your comments.

Please review and make sure they are CORRECT and send me an E-Mail stating they are good to go or mark up what needs to be corrected!

Thanks a heap!



D7000025.D01 - FOS Final to specs. (D9940033 - FOS Final to Specs.c

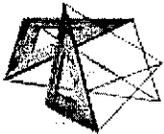


FOS Comment and Responses.c

Cheryl Adams
 Florida Department of Transportation
 605 Suwannee Street MS 32
 Tallahassee, Florida 32399-0450

Roadway and Criteria Section
 850-414-4327 or Suncom 994-4327
 cheryl.adams@dot.state.fl.us
 RD960CA

Philip D Lancaster



Philip D Lancaster
 02/20/2004 05:33 PM

To: Cheryl Adams/CO/FDOT@FDOT
 cc: Clinton Shaw/CO/FDOT@FDOT, David Sadler/CO/FDOT@FDOT,
 David Sumner/CO/FDOT@FDOT, Jim Mills/CO/FDOT@FDOT
 Subject: Re: NEED ASAP - Comments Received for D7000025.D01 - Sign
 Assembly Design Requirements - Sign Background

Paul's comment - The reference to ASTM D4956 type VI is for color, daytime luminance and non-reflective property a reflective roll-up sign. Since there are no other standards for non-reflective properties in ASTM, these properties are applicable to make the roll-up sign uniformed to what a motorist is expecting to see.

Dave's comment - I agree. ASTM is in the process of finalizing their specification which will be as those listed. Whenever the new ASTM D4956 is printed, then just a reference to the ASTM will be all that is required for the color.

Philip D. Lancaster, P.E
 Florida Department of Transportation
 Environmental Administrator
 State Materials Office
 (352)955-6654
 Suncom: 625-6654
 5007 NE 39th Avenue
 Gainesville, FI 32609
 Cheryl Adams



Cheryl Adams
 02/12/2004 08:07 AM

To: Philip D Lancaster/SM/FDOT@FDOT
 cc: Clinton Shaw/CO/FDOT@FDOT, Jim Mills/CO/FDOT@FDOT, David
 Sadler/CO/FDOT@FDOT, David Sumner/CO/FDOT@FDOT
 Subject: NEED ASAP - Comments Received for D7000025.D01 - Sign Assembly

Design Requirements - Sign Background

Phillip,

Please respond to David and Paul comments. They are outside my field.

I will take care of Bob and Roberts (the same person and comment)

Thanks

Cheryl Adams
Florida Department of Transportation
605 Suwannee Street MS 32
Tallahassee, Florida 32399-0450

Roadway and Criteria Section
850-414-4327 or Suncom 994-4327
cheryl.adams@dot.state.fl.us
RD960CA

----- Forwarded by Cheryl Adams/CO/FDOT on 02/12/2004 08:05 AM -----



Shirley Harvey
02/11/2004 10:34 AM

To: Cheryl Adams/CO/FDOT@FDOT
cc:
Subject: Comments Received for D7000025.D01 - Sign Assembly Design
Requirements - Sign Background



D7000025.D01.doc Bob Dion.pdf David Meslo.pdf Paul A. Grochowski.pdf Robert Dion.pdf

Please review the attached comments received from Industry Review and respond to each so that we may continue with the process.

Thanks,
shirley harvey
SC 994-4120
(850)414-4120
shirley.harvey@dot.state.fl.us



Shirley Harvey

02/11/2004 10:44 AM

To: Cheryl Adams/CO/FDOT@FDOT
cc:
Subject: Comment for D9940033 - Physical Requirements - Color



D9940033.doc David Meslo.pdf

Please review the attached comments received from Industry Review and respond to each so that we may continue with the review process.

Thanks,
shirley harvey
SC 994-4120
(850)414-4120
shirley.harvey@dot.state.fl.us



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JOSÉ ABREU
SECRETARY

MEMORANDUM

DATE: February 11, 2004

TO: Cheryl Adams, Roadway Design Office

FROM: Clinton J. Shaw, State Specifications Office 

SUBJECT: **Proposed Modifications To Specification: D9940033 – Physical Requirements - Color**

Comments received, regarding the subject modification to the Standard Specifications, are attached. Please review these comments and advise of any further modifications by February 25, 2004. Also, please submit an electronic summary, of your decisions concerning these comment(s) in memorandum format. This summary will be posted on the State Specifications Office Web Page and included in the Specifications folder for future reference, should someone question your response. Your assistance will be appreciated.

Please Email submittals to SP965CS or clinton.shaw@dot.state.fl.us.

CS/sh

Attachment

PHYSICAL REQUIREMENTS – COLOR.
(REV 1-6-04)

SUBARTICLE 994-3.3 (Page 948) is deleted and the following substituted:

994-3.3 Color: The retroreflective and nonreflective sheeting or film shall have the same daytime and nighttime color when viewed by reflective light regardless of type classification. The diffused color of the retroreflective sheeting, through instrumental color testing, shall conform to the requirements of ASTM D4956. In addition to ASTM D4956 Table 103, ~~the orange fluorescent and~~ yellow-green fluorescent colors shall meet the following x, y chromaticity coordinates:

Fluorescent Yellow/Green	1	2	3	4
<i>Yellow/Green</i>				
x	.387	.368	.421	.460
y	.610	.539	.486	.540
<i>Orange</i>				
x	.583	.535	.595	.645
y	.416	.446	.351	.355

The daytime luminance for *orange and* yellow-green fluorescent sheetings shall have a luminance factor of *25 minimum and 35 minimum* in addition to ASTM D4956 Table 89, respectively.



Duane F Brautigam
01/21/2004 06:45 AM

To: Clinton Shaw/CO/FDOT@FDOT
cc:
cc:
Subject: FW: Fw: Internal Review

Duane F. Brautigam, P.E.
State Specifications Engineer
Florida Department of Transportation
(850) 414-4130; SC 994-4130
duane.brautigam@dot.state.fl.us

----- Forwarded by Duane F Brautigam/CO/FDOT on 01/21/2004 06:45 AM -----



"Bob Burleson"
<bburleson@ftba.com>
>
01/19/2004 02:33 PM

To: "Duane Brautigam (E-mail)" <Duane.Brautigam@dot.state.fl.us>
cc:
Subject: FW: Fw: Internal Review

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

From: dkmeslow1@mmm.com [mailto:dkmeslow1@mmm.com]
Sent: Monday, January 19, 2004 2:13 PM
To: Bob Burleson
Subject: Re: Fw: Internal Review

Bob,

Just a few comments:

700-2.5 Second sentence should read: Use fluorescent orange Type VI or VII for all orange work zone signs on interstates. This provides much better clarification.

994-3.3 x, y coordinates should match the FHWA and ASTM definitions table should read: Changes are in table 2 and top portion of table 3.

Fluorescent	1	2	3	4
	Yellow Green			
X	.387	.369	.428	.460
Y	.610	.546	.496	.540
	Orange			
X	.583	.535	.595	.645
Y	.416	.400	.351	.355

Final paragraph: The minimum Y for yellow green is 60 not 35.

Regards,
Dave



Shirley Harvey

02/11/2004 10:44 AM

To: Cheryl Adams/CO/FDOT@FDOT

cc:

Subject: Comment for D9940033 - Physical Requirements - Color



D9940033.doc David Meslo.pdf

Please review the attached comments received from Industry Review and respond to each so that we may continue with the review process.

Thanks,
shirley harvey
SC 994-4120
(850)414-4120
shirley.harvey@dot.state.fl.us

POSTED 1/12/04
JACD



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JOSÉ ABREU
SECRETARY

MEMORANDUM

DATE: January 12, 2004

TO: Specification Review Distribution List

FROM: Duane F. Brautigam, P.E., State Specifications Engineer 

SUBJECT: **Proposed Specifications Change: D9940033 – Physical Requirements - Color**

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change to Physical Requirements - Color.

This change was proposed by Cheryl Adams of the Roadway Design Office to incorporate requirements for fluorescent orange for work zone signs.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at SP965DB or duane.brautigam@dot.state.fl.us. Comments received after February 9, 2004 may not be considered. Your input is encouraged.

DFB/sh

Attachment

COMMENTS:

Submitted by: _____ Phone #: _____

PHYSICAL REQUIREMENTS – COLOR.
(REV 1-6-04)

SUBARTICLE 994-3.3 (Page 948) is deleted and the following substituted:

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<i>Orange</i>				
x	.583	.535	.595	.645
Y	.416	.446	.351	.355

The daytime luminance for *orange and* yellow-green fluorescent sheetings shall have a luminance factor of 25 *minimum and* 35 minimum in addition to ASTM D4956 Table 89, respectively.

"Bob Burleson"
<bburleson@ftba.com> To: <dkmeslow1@mmm.com>
CC:
Subject: Fw: Internal Review
01/12/2004 11:14 AM

Any problems with the last 2?
Bob

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

From: clinton.shaw@dot.state.fl.us <clinton.shaw@dot.state.fl.us>
To: Bob Burleson <bburleson@ftba.com>
Sent: Fri Jan 09 14:39:08 2004
Subject: Internal Review <<D5500000.doc>> <<D7000025.D01.doc>>

Good afternoon Bob,

We are finalizing <<D9940033.doc>> ng the workbook for July 2004 implementation. We have a few late spec changes that have to go into the workbook because of implementation commitments. As a result of this we have forsaken the Internal Review portion of the process and are going directly to Industry Review.

This is to avail you the opportunity to get a first look before they are posted for Industry.

(See attached file: D5500000.doc) (See attached file:
D7000025.D01.doc) (See attached file: D9940033.doc)

As usual feel free to give us a call, should you have any issues with which we may be of assistance.

Thanks

Clinton J. Shaw
(850) 414-4129 SC 994-4129
Clinton.Shaw@dot.state.fl.us

(See attached file: D5500000.doc) (See attached file:
D7000025.D01.doc) (See
attached file: D9940033.doc)



D5500000.doc



D7000025.D01.doc



D9940033.doc



Clinton Shaw
01/06/2004 10:56 AM

To: Shirley Harvey/CO/FDOT@FDOT
cc:
Subject: Re: FOS spec.

Ms. Shirl,
Here is the new version.

Thanks

Clinton J. Shaw
(850) 414-4129 SC 994-4129
Clinton.Shaw@dot.state.fl.us
----- Forwarded by Clinton Shaw/CO/FDOT on 01/06/2004 10:55 AM -----



Philip D Lancaster
01/06/2004 10:45 AM

To: Cheryl Adams/CO/FDOT@FDOT
cc: Clinton Shaw/CO/FDOT@FDOT, David Sadler/CO/FDOT@FDOT, Jim
Mills/CO/FDOT@FDOT
Subject: Re: FOS spec.

Looks good, please proceed. Thanks,

Philip D. Lancaster, P.E
Florida Department of Transportation
Environmental Administrator
State Materials Office
(352)955-6654
Suncom: 625-6654
5007 NE 39th Avenue
Gainesville, FL 32609
Cheryl Adams



Cheryl Adams
12/29/2003 03:54 PM

To: Philip D Lancaster/SM/FDOT@FDOT
cc: David Sadler/CO/FDOT@FDOT, Clinton Shaw/CO/FDOT@FDOT, Jim
Mills/CO/FDOT@FDOT
Subject: Re: FOS spec.

Please let me know if this is OK to finish processing for July 04 letting.

Thanks

Cheryl Adams
State of Florida
Department of Transportation
605 Suwannee Street (MS 32)
Tallahassee, Florida 32399-0450

Roadway Design - Criteria and Standards Section
Phone (850) 414-4327 or SC 994-4327
cheryl.adams@dot.state.fl.us
RD960CA

----- Forwarded by Cheryl Adams/CO/FDOT on 12/29/2003 03:53 PM -----



Cheryl Adams
12/15/2003 11:54 AM

To: Philip D Lancaster/SM/FDOT@FDOT
cc: David Sadler/CO/FDOT@FDOT, Clinton Shaw/CO/FDOT@FDOT
Subject: Re: FOS spec.

Phillip,

We NEED this spec to be in place for JULY 2004 lettings as committed to by Freddie.

I added the following language to section 700-2.5

"Use fluorescent orange color for all mesh signs and all orange work zone signs on interstates."

With this change, is it OK for Clinton to process? Thanks!



FOS Phillip and Cheryl version.c

NOTE: (for July 2005 lettings we will process another spec change to require FOS for ALL orange work zone signs)

Cheryl Adams
State of Florida
Department of Transportation
605 Suwannee Street (MS 32)
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RD960CA
Clinton Shaw



Clinton Shaw
12/08/2003 01:33 PM

To: Cheryl Adams/CO/FDOT@FDOT
cc: David Sadler/CO/FDOT@FDOT, Philip D Lancaster/SM/FDOT@FDOT
Subject: Re: FOS spec.

Cheryl,

Where are we now with the commitments that have been made upstairs? We are in the final stages of getting the workbook ready and it seems like the final version of this change is still undecided.

Please keep us in the loop.

Thanks

Clinton J. Shaw
(850) 414-4129 SC 994-4129
Clinton.Shaw@dot.state.fl.us
----- Forwarded by Clinton Shaw/CO/FDOT on 12/08/2003 12:30 PM -----



Philip D Lancaster
12/05/2003 04:45 PM

To: David Sadler/CO/FDOT@FDOT, Clinton Shaw/CO/FDOT@FDOT,
Cheryl Adams/CO/FDOT@FDOT
cc: David L Duncan/CO/FDOT@FDOT
Subject: Re: FOS spec.

Thanks for the reminder. There has been some progress with the ASTM spec in November as expected. It is still not approved yet, but, at least I have a better idea where they want to place some of the values for the specs. Attached are the recommended revision to our specifications. Please let me know of any comments. Thank you,



FOS spec revision.doc

Philip D. Lancaster, P.E.
Florida Department of Transportation
Environmental Administrator
State Materials Office
(352)955-6654
Suncom: 625-6654
5007 NE 39th Avenue
Gainesville, FL 32609
David Sadler



David Sadler
12/03/2003 07:53 AM

To: Philip D Lancaster/SM/FDOT@FDOT
cc:
Subject: Re: FOS spec.

Philip,

We spoke about this on November 6th and you indicated that it was assigned to one of your staff. Has a decision been reached yet on this? This relates to the spec changes suggested by 3M.

Please let me know if you have any questions.

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
userid: cn982da email: david.sadler@dot.state.fl.us
----- Forwarded by David Sadler/CO/FDOT on 12/03/2003 07:48 AM -----



Clinton Shaw
11/19/2003 09:18 AM

To: Cheryl Adams/CO/FDOT@FDOT
cc: David L Duncan/CO/FDOT@FDOT, David Sadler/CO/FDOT@FDOT
Subject: Re: FOS spec. 

No, Nothing yet. All I have is what you submitted back in September.

Thanks

Clinton J. Shaw
(850) 414-4129 SC 994-4129
Clinton.Shaw@dot.state.fl.us
Cheryl Adams



Cheryl Adams

To: Clinton Shaw/CO/FDOT@FDOT
cc: David Sadler/CO/FDOT@FDOT, David L Duncan/CO/FDOT@FDOT



11/19/2003 08:09 AM

Subject: FOS spec.

Has Phillip Lancaster, or someone from his office, submitted a proposed spec change to Section 700-2.5 on Fluorescent Orange sheeting for Interstate and Roll up signs yet?

I just want to make sure it does not fall thru the cracks, because we have an implementation date of July 2004.

Thanks

Cheryl Adams
State of Florida
Department of Transportation
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Tallahassee, Florida 32399-0450

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cheryl.adams@dot.state.fl.us
RD960CA



Cheryl Adams

01/11/2004 11:34 AM

To: Shirley Harvey/CO/FDOT@FDOT
cc:
Subject: Re: Proposed Specs D7000025 - Sign Assembly Design Requirements
- Sign Background and D9940033 - Physical Requirements - Color 

In spec 9940033.doc, Please change the bottom label of capital "Y" in the chart to a lower case "y" for consistency.

Other than that, it looks good to go to me.

Thanks

Cheryl Adams
State of Florida
Department of Transportation
605 Suwannee Street (MS 32)
Tallahassee, Florida 32399-0450

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cheryl.adams@dot.state.fl.us
RD960CA
Shirley Harvey



Shirley Harvey

01/09/2004 01:27 PM

To: Cheryl Adams/CO/FDOT@FDOT
cc:
Subject: Proposed Specs D7000025 - Sign Assembly Design Requirements -
Sign Background and D9940033 - Physical Requirements - Color



D7000025.doc D9940033.doc

Cheryl, if you could please review the attached specs and let me know today if they are the way you want them to read. They have agreed to go ahead with the process for Industry Review and include it in a mandatory later on.

If you have any questions please let me know.

Thanks,
shirley harvey
SC 994-4120
(850)414-4120
shirley.harvey@dot.state.fl.us