USCG Permit¹ and (2) the USCG/FHWA Memorandum of Understanding on Coordinating The Preparation and Processing of Environmental Projects.²

- (d) The HA shall accomplish sufficient preliminary design and consultation during the environmental phase of project development to investigate bridge concepts, including the feasibility of any proposed movable bridges, the horizontal and vertical clearances that may be required, and other location considerations which may affect navigation. At least one fixed bridge alternative shall be included with any proposal for a movable bridge to provide a comparative analysis of engineering, social, economic and environmental benefit and impacts.
- (e) The HA shall consider hydraulic, safety, environmental and navigational needs along with highway costs when designing a proposed navigable waterway crossing.
- (f) For bridges where the risk of ship collision is significant, HA's shall consider, in addition to USCG requirements, the need for pier protection and warning systems as outlined in FHWA Technical Advisory 5140.19, Pier Protection and Warning Systems for Bridges Subject to Ship Collisions, dated February 11, 1983.
- (g) Special navigational clearances shall normally not be provided for accommodation of floating construction equipment of any type that is not required for navigation channel maintenance. If the navigational clearances are influenced by the needs of such equipment, the USCG should be consulted to determine the appropriate clearances to be provided.
- (h) For projects which require FHWA approval of plans, specifications and estimates, preliminary bridge plans shall be approved at the appropriate level by FHWA for structural concepts,

hydraulics, and navigational clearances prior to submission of the permit application.

(i) If the HA bid plans contain alternative designs for the same configuration (fixed or movable), the permit application shall be prepared in sufficient detail so that all alternatives can be evaluated by the USCG. If appropriate, the USCG will issue a permit for all alternatives. Within 30 days after award of the construction contract, the USCG shall be notified by the HA of the alternate which was selected. The USCG procedure for evaluating permit applications which contain alternates is presented in its Bridge Administration Manual (COMDT INST M16590.5).3 The FHWA policy on alternates, Alternate Design for Bridges; Policy Statement, was published at 48 FR 21409 on May 12, 1983.

§650.809 Movable span bridges.

A fixed bridge shall be selected wherever practicable. If there are social, economic, environmental or engineering reasons which favor the selection of a movable bridge, a cost benefit analysis to support the need for the movable bridge shall he prepared as a part of the preliminary plans.

PART 652 [RESERVED]

PART 655—TRAFFIC OPERATIONS

Subparts A-E [Reserved]

Subpart F—Traffic Control Devices on Federal-Aid and Other Streets and Highways

Sec.
655.601 Purpose.
655.602 Definitions.
655.603 Standards.
655.604 Achieving basic uniformity.
655.605 Project procedures.
655.606 Higher cost materials.
655.607 Funding.

¹This document is an internal directive in the USCG Bridge Administration Manual, Enclosure 1a, COMDT INST M16590.5, change 2 dated Dec. 1, 1983. It is available for inspection and copying from the U.S. Coast Guard or the Federal Highway Administration as prescribed in 49 CFR part 7, appendices B and D

 $^{^2\,\}mathrm{FHWA}$ Notice 6640.22 dated July 17, 1981, is available for inspection and copying as prescribed in 49 CFR part 7, appendix D.

³United States Coast Guard internal directives are available for inspection and copying as prescribed in 49 CFR part 7, appendix

§ 655.601

APPENDIX TO SUBPART F OF PART 655—ALTERNATE METHOD OF DETERMINING THE COLOR OF RETROREFLECTIVE SIGN MATERIALS AND PAVEMENT MARKING MATERIALS

Subpart G [Reserved]

AUTHORITY: 23 U.S.C. 101(a), 104, 109(d), 114(a), 217, 315 and 402(a); 23 CFR 1.32; and 49 CFR 1.85.

Subparts A-E [Reserved]

Subpart F—Traffic Control Devices on Federal-Aid and Other Streets and Highways

SOURCE: 48 FR 46776, Oct. 14, 1983, unless otherwise noted.

§655.601 Purpose.

To prescribe the policies and procedures of the Federal Highway Administration (FHWA) to obtain basic uniformity of traffic control devices on all streets and highways in accordance with the following references that are approved by the FHWA for application on Federal-aid projects:

- (a) MUTCD.
- (b) AASHTO Guide to Metric Conversion.
- (c) AASHTO Traffic Engineering Metric Conversion Factors.
- (d) The material listed in this paragraph (a) of this section is incorporated by reference into this section with the approval of the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. To enforce any edition other than that specified in this section, the FHWA must publish a document in the FEDERAL REGISTER and the material must be available to the public. All approved material is available for inspection at the FHWA and at the National Archives and Records Administration (NARA). Contact Federal Highway Administration, Office of Transportation Operations, 1200 New Jersey Avenue SE, Washington, DC 20590, (202) 366-8043; https:// ops.fhwa.dot.gov/contactus.htm. For information on the availability of this NARA, material at email: fr.inspection@nara.gov, or6.0 to: www.archives.gov/federal-register/cfr/ibrlocations.html. The material may be ob-

tained from the following source(s) in this paragraph (d).

- (1) AASHTO, American Association of State Highway and Transportation Officials, Suite 249, 444 North Capitol Street NW., Washington, DC 20001
- (i) AASHTO Guide to Metric Conversion, 1993;
- (ii) AASHTO, Traffic Engineering Metric Conversion Factors, 1993—Addendum to the Guide to Metric Conversion, October 1993.
- (2) FHWA, Federal Highway Administration, 1200 New Jersey Avenue SE., Washington, DC 20590, telephone (202) 366–1993, also available at http://mutcd.fhwa.dot.gov.
- (i) Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD), as follows:
 - (A) 2009 edition, November 4, 2009.
 - (B) Revision No. 1, dated May 2012.
 - (C) Revision No. 2, dated May 2012.
 - (D) Revision No. 3, dated June 2022.
 - (ii) [Reserved]

[77 FR 28466, May 14, 2012, as amended at 87 FR 47931, Aug. 5, 2022]

§655.602 Definitions.

The terms used herein are defined in accordance with definitions and usages contained in the MUTCD and 23 U.S.C. 101(a).

§ 655.603 Standards.

- (a) National MUTCD. The MUTCD approved by the Federal Highway Administrator is the national standard for all traffic control devices installed on any street, highway, or bicycle trail open to public travel in accordance with 23 U.S.C. 109(d) and 402(a). For the purpose of MUTCD applicability, open to public travel includes toll roads and roads within shopping centers, airports, sports arenas, and other similar business and/or recreation facilities that are privately owned but where the public is allowed to travel without access restrictions. Except for gated toll roads, roads within private gated properties where access is restricted at all times are not included in this definition. Parking areas, driving aisles within parking areas, and private highway-rail grade crossings are also not included in this definition.
- (b) State or other Federal MUTCD. (1) Where State or other Federal agency

MUTCDs or supplements are required, they shall be in substantial conformance with the National MUTCD. Substantial conformance means that the State MUTCD or supplement shall conform as a minimum to the standard statements included in the National MUTCD. The FHWA Division Administrators and Associate Administrator for the Federal Lands Highway Program may grant exceptions in cases where a State MUTCD or supplement cannot conform to standard statements in the National MUTCD because of the requirements of a specific State law that was in effect prior to the effective date of this final rule, provided that the Division Administrator or Associate Administrator determines based on information available and documentation received from the State that the non-conformance does not create a safety concern. The guidance statements contained in the National MUTCD shall also be in the State Manual or supplement unless the reason for not including it is satisfactorily explained based on engineering judgment, specific conflicting State law, or a documented engineering study. The FHWA Division Administrators shall approve the State MUTCDs and supplements that are in substantial conformance with the National MUTCD. The FHWA AssociateAdministrator of the Federal Lands Highway Program shall approve other Federal land management agencies MUTCDs and supplements that are in substantial conformance with the National MUTCD. The FHWA Division Administrators and the FHWA Associate Administrators for the Federal Lands Highway Program have the flexibility to determine on a case-bycase basis the degree of variation al-

- (2) States and other Federal agencies are encouraged to adopt the National MUTCD in its entirety as their official Manual on Uniform Traffic Control Devices.
- (3) States and other Federal agencies shall adopt changes issued by the FHWA to the National MUTCD within two years from the effective date of the final rule. For those States that automatically adopt the MUTCD immediately upon the effective date of the latest edition or revision of the

- MUTCD, the FHWA Division Administrators have the flexibility to allow these States to install certain devices from existing inventory or previously approved construction plans that comply with the previous MUTCD during the two-year adoption period.
- (c) Color specifications. Color determinations and specifications of sign and pavement marking materials shall conform to requirements of the FHWA Color Tolerance Charts. An alternate method of determining the color of retroreflective sign material is provided in the appendix.
- (d) Compliance—(1) Existing highways. Each State, in cooperation with its political subdivisions, and Federal agency shall have a program as required by 23 U.S.C. 402(a), which shall include provisions for the systematic upgrading of substandard traffic control devices and for the installation of needed devices to achieve conformity with the MUTCD. The FHWA may establish target dates of achieving compliance with changes to specific devices in the MUTCD.
- (2) New or reconstructed highways. Federal-aid projects for the construction, reconstruction, resurfacing, restoration, or rehabilitation of streets and highways shall not be opened to the public for unrestricted use until all appropriate traffic control devices, either temporary or permanent, are installed and functioning properly. Both temporary and permanent devices shall conform to the MUTCD.
- (3) Construction area activities. All traffic control devices installed in construction areas using Federal-aid funds shall conform to the MUTCD. Traffic control plans for handling traffic and pedestrians in construction zones and for protection of workers shall conform to the requirements of 23 CFR part 630, subpart J, Traffic Safety in Highway and Street Work Zones.

[48 FR 46776, Oct. 14, 1983, as amended at 51 FR 16834, May 7, 1986; 68 FR 14139, Mar. 24, 2003; 71 FR 75115, Dec. 14, 2006; 74 FR 28442, June 16, 2009; 74 FR 66861, Dec. 16, 2009]

¹Available for inspection from the Office of Traffic Operations, Federal Highway Administration, 1200 New Jersey Avenue, SE., Washington, DC.

§ 655.604

§655.604 Achieving basic uniformity.

(a) Programs. Programs for the orderly and systematic upgrading of existing traffic control devices or the installation of needed traffic control devices on or off the Federal-aid system should be based on inventories made in accordance with the Highway Safety Program Guideline 21, "Roadway Safety." These inventories provide the information necessary for programming traffic control device upgrading projects.

(b) Inventory. An inventory of all traffic control devices is recommended in the Highway Safety Program Guideline 21, "Roadway Safety." Highway planning and research funds and highway related safety grant program funds may be used in statewide or systemwide studies or inventories. Also, metropolitan planning (PL) funds may be used in urbanized areas provided the activity is included in an approved unified work program.

 $[48\ FR\ 46776,\ Oct.\ 14,\ 1983,\ as\ amended\ at\ 71\ FR\ 75115,\ Dec.\ 14,\ 2006]$

§655.605 Project procedures.

(a) Federal-aid highways. Federal-aid projects involving the installation of traffic control devices shall follow procedures as established in 23 CFR part 630, subpart A, Federal-Aid Programs Approval and Project Authorization. Simplified and timesaving procedures are to be used to the extent permitted by existing policy.

(b) Off-system highways. Certain federally funded programs are available for installation of traffic control devices on streets and highways that are not on the Federal-aid system. The procedures used in these programs may vary from project to project but, essentially, the guidelines set forth herein should be used.

§655.606 Higher cost materials.

The use of signing, pavement marking, and signal materials (or equipment) having distinctive performance characteristics, but costing more than other materials (or equipment) commonly used may be approved by the FHWA Division Administrator when the specific use proposed is considered to be in the public interest.

§ 655.607 Funding.

(a) Federal-aid highways. (1) Funds apportioned or allocated under 23 U.S.C. 104(b) are eligible to participate in projects to install traffic control devices in accordance with the MUTCD on newly constructed, reconstructed, resurfaced, restored, or rehabilitated highways, or on existing highways when this work is classified as construction in accordance with 23 U.S.C. 101(a). Federal-aid highway funds for eligible pavement markings and traffic control signalization may amount to 100 percent of the construction cost. Federal-aid highway funds apportioned or allocated under other sections of 23 U.S.C. are eligible for participation in improvements conforming to the MUTCD in accordance with the provisions of applicable program regulations and directives.

(2) Traffic control devices are eligible, in keeping with paragraph (a)(1) of this section, provided that the work is classified as construction in accordance with 23 U.S.C. 101(a) and the State or local agency has a policy acceptable to the FHWA Division Administrator for selecting traffic control devices material or equipment based on items such as cost, traffic volumes, safety, and expected service life. The State's policy should provide for cost-effective selection of materials which will provide for substantial service life taking into account expected and necessary routine maintenance. For these purposes, effectiveness would normally be measured in terms of durability, service life and/or performance of the material. Specific projects including material or equipment selection shall be developed in accordance with this policy. Proposed work may be approved on a project-by-project basis when the work is (i) clearly warranted, (ii) on a Federal-aid system, (iii) clearly identified by site, (iv) substantial in nature, and (v) of sufficient magnitude at any given location to warrant Federal-aid participation as a construction item.

- (3) The method of accomplishing the work will be in accordance with 23 CFR part 635, subpart A, Contract Procedures.
- (b) Off-system highways. Certain Federal-aid highway funds are eligible to

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participate in traffic control device improvement projects on off-system highways. In addition, Federal-aid highway funds apportioned or allocated in 23 U.S.C. are eligible for the installation of traffic control devices on any public road not on the Federal-aid system when the installation is directly related to a traffic improvement project on a Federal-aid system route.

APPENDIX TO SUBPART F OF PART 655—
ALTERNATE METHOD OF DETERMINING THE COLOR OF
RETROREFLECTIVE SIGN MATERIALS
AND PAVEMENT MARKING MATEBIALS

1. Although the FHWA Color Tolerance Charts depreciate the use of spectrophotometers or accurate tristimulus colorimeters for measuring the daytime color of retroreflective materials, recent testing has determined that 0/45 or 45/0 spectroradiometers and tristimulus colorimeters have proved that the measurements can be considered reliable and may be used.

2. The daytime color of non-fluorescent retroreflective materials may be measured in accordance with ASTM Test Method E1349, "Standard Test Method for Reflectance Factor and Color Spectrophotometry Using Bidirectional Geometry" or ASTM Test Method E 1347 (Replaces E97), "Standard Test Method for Color Color-Difference Measurement Tristimulus (Filter) Colorimetry," The latter test method specified bidirectional geometry for the measurement of retroreflective materials. The geometric conditions to be used in both test methods are 0/45 or 45/0 circumferential illumination or viewing. Uniplanar geometry is not recommended for material types IV or higher (designated microprismatic). The CIE standard illuminant used in computing the colorimetric coordinates shall be D_{65} and the 2 Degree Standard CIE observer shall be used.

3. For fluorescent retroreflective materials ASTM E991 may be used to determine the chromaticity provided that the D_{65} illumination meets the requirements of E 991. This practice, however, allows only the total luminous factor to be measured. The fluorescent luminous factor must be determined using bispectral fluorescent colorimetry. Commercial instruments are available which allow such determination. Some testing laboratories are also equipped to perform these measurements.

4. For nighttime measurements CIE Standard Illuminant A shall be used in computing the colorimetric coordinates and the 2 Degree Standard CIE Observer shall be used.

5. Average performance sheeting is identified as Types I and II sheeting and high performance sheeting is identified as Type III. Super-high intensity sheeting is identified as Types V, VI, and VII in ASTM D 4956.

6. The following nine tables depict the 1931 CIE Chromaticity Diagram x and y coordinates for the corner points defining the recommended color boxes in the diagram and the daytime luminance factors for those colors. Lines drawn between these corner points specify the limits of the chromaticity allowed in the 1931 Chromaticity Diagram. Color coordinates of samples that lie within these lines are acceptable. For blue and green colors the spectrum locus is the defining limit between the corner points located on the spectrum locus:

Table 1 to Appendix to Part 655, Subpart F—Daytime Color Specification Limits for Retroreflective Material With CIE 2° Standard Observer and 45/0 (0/45) Geometry and CIE Standard Illuminant D₆₅.

	Chromaticity Coordinates								
Color	1		2		3	3	4		
	x	у	х	у	у	x	х	у	
White	0.303	0.300	0.368	0.366	0.340	0.393	0.274	0.329	
Red	0.648	0.351	0.735	0.265	0.629	0.281	0.565	0.346	
Orange	0.558	0.352	0.636	0.364	0.570	0.429	0.506	0.404	
Brown	0.430	0.340	0.430	0.390	0.518	0.434	0.570	0.382	
Yellow	0.498	0.412	0.557	0.442	0.479	0.520	0.438	0.472	
Green	0.026	0.399	0.166	0.364	0.286	0.446	0.207	0.771	
Blue	0.078	0.171	0.150	0.220	0.210	0.160	0.137	0.038	
Light Blue	0.180	0.260	0.240	0.300	0.270	0.260	0.230	0.200	
Purple	0.302	0.064	0.310	0.210	0.380	0.255	0.468	0.140	

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Table 1a to Appendix to Part 655, Subpart F—Daytime Luminance Factors (%) for Retroreflective Material With CIE 2° Standard Observer and 45/0 (0/45) Geometry and CIE Standard Illuminant D₆₅.

	Daytime Luminance Factor (Y %) by ASTM Type								
Color	Types I, II	, III and VI	Types IV, \	/II, and VIII	Type V				
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum			
White Red Orange Brown Yellow Green Blue Light Blue	27 2.5 14 4.0 15 3.0 1.0	12 30 9.0 45 9.0 10	40 3.0 12 1.0 24 3.0 1.0	15 30 6.0 45 12 10	15 2.5 7.0 1.0 12 2.5 1.0	11 25 9.0 30 11 10 25			
Purple	2.0	10	2.0	10	2.0	10			

Table 2 to Appendix to Part 655, Subpart F—Nighttime Color Specification Limits for Retroreflective Material With CIE 2° Standard Observer and Observation Angle of 0.33°, Entrance Angle of + 5° and CIE Standard Illuminant A.

	Chromaticity Coordinates								
Color	1		2		3	1	4		
	х	У	x	У	x	У	0.515 0.735 0.643 0.643	У	
White	0.475	0.452	0.360	0.415	0.392	0.370	0.515	0.409	
Red	0.650	0.348	0.620	0.348	0.712	0.2550	0.735	0.265	
Orange	0.595	0.405	0.565	0.405	0.613	0.355	0.643	0.355	
Brown	0.595	0.405	0.540	0.405	0.570	0.365	0.643	0.355	
Yellow	0.513	0.487	0.500	0.4700	0.545	0.425	0.572	0.425	
Green	0.007	0.570	0.200	0.500	0.322	0.590	0.193	0.782	
Blue	0.033	0.370	0.180	0.370	0.230	0.240	0.091	0.133	
Purple	0.355	0.088	0.385	0.288	0.500	0.350	0.635	0.221	
Light Blue	Chromaticity coordinates are yet to be determined.								

NOTE: Materials used as High-Conspicuity, Retroreflective Traffic Signage Materials shall meet the requirements for Daytime Color Specification Limits, Daytime Luminance Factors and Nighttime Color Specification Limits for Fluorescent Retroreflective Material, as described in Tables 3, 3a, and 4, throughout the service life of the sign.

Table 3 to Appendix to Part 655, Subpart F—Daytime Color Specification Limits for Fluorescent Retroreflective Material with CIE 2° Standard Observer and 45/0 (0/45) Geometry and CIE Standard Illuminant D₆₅.

	Chromaticity Coordinates								
Color	1		2		3	3	4		
	х	у	x	у	х	У	x i1 0.645	у	
Fluorescent Orange	0.583	0.416	0.535	0.400	0.595	0.351	0.645	0.355	
Fluorescent Yellow	0.479	0.520	0.446	0.483	0.512	0.421	0.557	0.442	
Fluorescent Yellow-Green	0.387	0.610	0.369	.546	.428	.496	0.460	0.540	
Fluorescent Green	0.210	0.770	0.232	0.656	0.320	0.590	0.320	0.675	
Fluorescent Pink	0.450	0.270	0.590	0.350	0.644	0.290	0.536	0.230	
Fluorescent Red	0.666	0.334	0.613	0.333	0.671	0.275	9.735	0.265	

Table 3a to Appendix to Part 655, Subpart F—Daytime Luminance Factors (%) for Fluorescent Retroreflective Material With CIE 2° Standard Observer and 45/0 (0/45) Geometry and CIE Standard Illuminant D_{65} .

Color	Luminan	Luminance Factor Limits (Y)			
Color	Min	Max	Y _F *		
Fluorescent Orange	25	None	15		
Fluorescent Yellow	45	None	20		
Fluorescent Yellow-Green	60	None	20		
Fluorescent Green	20	30	12		

Table 3a to Appendix to Part 655, Subpart F—Daytime Luminance Factors (%) for Fluorescent Retroreflective Material With CIE 2° Standard Observer and 45/0 (0/45) Geometry and CIE Standard Illuminant D_{65} .—Continued

Color	Luminan	Luminance Factor Limits (Y)			
Coloi	Min Max		Y _F *		
Fluorescent Pink Fluorescent Red	25 20	None 30	15 15		

^{*}Fluorescence luminance factors (YF) are typical values, and are provided for quality assurance purposes only. YF shall not be used as a measure of performance during service.

Table 4 to Appendix to Part 655, Subpart F—Nighttime Color Specification Limits for Fluorescent Retroreflective Material With CIE 2° Standard Observer and Observation Angle of 0.33°, Entrance Angle of + 5° and CIE Standard Illuminant A.

	Chromaticity Coordinates								
Color	1		2		3	3	4		
	х	у	x	у	х	у	x	у	
Fluorescent Orange	0.625 0.554 0.480 0.007 0.680	0.375 0.445 0.520 0.570 0.320	0.589 0.526 0.473 0.200 0.645	0.376 0.437 0.490 0.500 0.320	0.636 0.569 0.523 0.322 0.712	0.330 0.394 0.440 0.590 0.253	0.669 0.610 0.550 0.193 0.735	0.331 0.390 0.449 0.782 0.265	

Table 5 to Appendix to Part 655, Subpart F—Daytime Color Specification Limits for Retroreflective Pavement Marking Material With CIE 2° Standard Observer and 45/0 (0/45) Geometry and CIE Standard Illuminant D_{65} .

Color	Chromaticity Coordinates								
	1		2		3		4		
	x	У	x	У	х	у	х	у	
White Yellow Red Blue Purple	0.355 0.560 0.480 0.105 0.300	0.355 0.440 0.300 0.100 0.064	0.305 0.490 0.690 0.220 0.309	0.305 0.510 0.315 0.180 0.260	0.285 0.420 0.620 0.200 0.362	0.325 0.440 0.380 0.260 0.295	0.335 0.460 0.480 0.060 0.475	0.375 0.400 0.360 0.220 0.144	

Table 5a to Appendix to Part 655, Subpart F—Daytime Luminance Factors (%) for Retroreflective Pavement Marking Material With CIE 2° Standard Observer and 45/0 (0/45) Geometry and CIE Standard Illuminant D_{65} .

Color	Luminance F	actor (Y%)
Color	Minimum	Maximum
White Yellow	35 25	
Red	6	15
Blue	5	14
Purple	5	15

Table 6 to Appendix to Part 655, Subpart F—Nightime Color Specification Limits for Retroreflective Pavement Marking Material With CIE 2° Standard Observer, Observation Angle of 1.05°, Entrance Angle of + 88.76° and CIE Standard Illuminant A.

Color	Chromaticity Coordinates								
	1		2	2			4		
	x	у	x	у	x	у	х	у	
WhiteYellow	0.480 0.575	0.410 0.425	0.430 0.508	0.380 0.415	0.405 0.473	0.405 0.453	0.455 0.510	0.435 0.490	

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Table 6 to Appendix to Part 655, Subpart F—Nightime Color Specification Limits for Retroreflective Pavement Marking Material With CIE 2° Standard Observer, Observation Angle of 1.05°, Entrance Angle of + 88.76° and CIE Standard Illuminant A.—Continued

Color	Chromaticity Coordinates									
	1		2	2		3	4	4		
	х	у	x	у	х	у	х	у		
Purple	0.338	0.080	0.425	0.365	0.470	0.385	0.635	0.221		

NOTE: Luminance factors for retroreflective pavement marking materials are for materials as they are intended to be used. For paint products, that means inclusion of glass beads and/or other retroreflective components.

[67 FR 49572, July 31, 2002, as amended at 67 FR 70163, Nov. 21, 2002; 68 FR 65582, 65583, Nov. 20, 2003; 74 FR 66862, 66863, Dec. 16, 2009]

Subpart G [Reserved]

PART 656—CARPOOL AND VANPOOL PROJECTS

Sec.

656.1 Purpose.

656.3 Policy.

656.5 Eligibility.

656.7 Determination of an exception.

AUTHORITY: 23 U.S.C. 146 and 315; sec. 126 of the Surface Transportation Assistance Act of 1978, Pub. L. 95-599, 92 Stat. 2689; 49 CFR 1.48(b).

SOURCE: 47 FR 43024, Sept. 30, 1982, unless otherwise noted.

§656.1 Purpose.

The purpose of this regulation is to prescribe policies and general procedures for administering a program of ridesharing projects using Federal-aid primary, secondary, and urban system funds.

§ 656.3 Policy.

Section 126(d) of the Surface Transportation Assistance Act of 1978 declares that special effort should be made to promote commuter modes of transportation which conserve energy, reduce pollution, and reduce traffic congestion.

§ 656.5 Eligibility.

(a) Projects which promote ridesharing programs need not be located on but must serve a Federal-aid system to be eligible for Federal-aid primary, secondary, or urban system funds depending on the system served. The Fed-

- eral share payable will be in accordance with the provisions of 23 U.S.C. 120. Except for paragraph (c)(3) of this section, for all purposes of this regulation the term *carpool* includes *vanpool*.
- (b) Projects shall not be approved under this regulation if they will have an adverse effect on any mass transportation system.
- (c) The following types of projects and work are considered eligible under this program:
- (1) Systems, whether manual or computerized, for locating potential participants in carpools and informing them of the opportunities for participation. Eligible costs for such systems may include costs of use or rental of computer hardware, costs of software, and installation costs (including both labor and other related items).
- (2) Specialized procedures to provide carpooling opportunities to elderly or handicapped persons.
- (3) The costs of acquiring vanpool vehicles and actual financial losses that occur when the operation of any vanpool is aborted before the scheduled termination date for the reason, concurred in by the State, that its continuation is no longer productive. The cost of acquiring a vanpool vehicle is eligible under the following conditions:
- (i) The vanpool vehicle is a four-wheeled vehicle manufactured for use on public highways for transportation of 7–15 passengers (no passenger cars which do not meet the 7–15 criteria and no buses); and
- (ii) Provision is made for repayment of the acquisition cost to the project within the passenger-service life of the vehicle. Repayment may be accomplished through the charging of a reasonable user fee based on an estimated number of riders per vehicle and the