

**MANUAL
ON
UNIFORM
TRAFFIC
CONTROL
DEVICES**

FOR STREETS AND HIGHWAYS

A RESOLUTION AND ADDENDUM

**Adopted by the
ARIZONA HIGHWAY COMMISSION
in conformance with
Chapter 6, Article 3, Section 28-641
of the
ARIZONA REVISED STATUTES, 1971**



ARIZONA HIGHWAY DEPARTMENT
JANUARY 1, 1972

RESOLUTION

RELATING TO THE ADOPTION OF A "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" IN ARIZONA

WHEREAS, A.R.S. Section 28-641 requires the Arizona State Highway Commission (Commission) to adopt a manual and specifications for a uniform system of traffic control devices. In compliance with this duty, this Commission, on June 27, 1962, adopted the "Manual on Uniform Traffic Control Devices for Streets and Highways" (the old Manual) prepared by the National Joint Committee on Uniform Traffic Control Devices and published by the U.S. Department of Commerce, Bureau of Public Roads, in 1961. The old Manual has now been revised and re-written and is published under the title "Manual on Uniform Traffic Control Devices for Streets and Highways" (the new Manual). The new Manual was developed with the cooperation of the American Association of State Highway Officials and the National Joint Committee on Uniform Traffic Control Devices and published by the U.S. Department of Transportation, Federal Highway Administration, in 1971. The new Manual sets forth standards and specifications for traffic control devices which are, in some cases, different from those of the old Manual and which will require a period of time for compliance. This Commission intends by this resolution to adopt the new Manual and to supersede the old Manual thereby, except insofar as the changes in traffic control devices are required by the new Manual. In this latter instance, the Commission intends to establish a time period, as set out in the resolution, to accomplish the necessary changes in traffic control devices. During the respective interim periods of time, the Commission intends that a traffic control device which conforms to either the old or new Manual shall be a uniform traffic control device.

WHEREAS, the Federal Highway Administrator approved a "Manual on Uniform Traffic Control Devices for Streets and Highways" as the National Standard for all Highways open to public travel in accordance with Title 23, U.S. Code, Section 402(a),

November 13, 1970, which was developed with the cooperation of the American Association of State Highway Officials and the National Joint Committee on Uniform Traffic Control Devices (the American Association of State Highway Officials, Institute of Traffic Engineers, National Committee on Uniform Traffic Laws and Ordinances, National Association of Counties, National League of Cities) and issued October, 1971, and,

WHEREAS, Section 28-641, Arizona Revised Statutes, requires the Arizona State Highway Commission to adopt a manual and specifications for a uniform system of traffic control devices for use upon highways within the State, and,

WHEREAS, Section 18-106, Arizona Revised Statutes, requires the Arizona State Highway Commission prescribe standard board and road signs, or other devices, and provide a uniform system of marking and signaling on state routes and state highways, and,

WHEREAS, the last revision or adoption by the Arizona State Highway Commission of a manual and specifications for a uniform system of traffic control devices was on June 27, 1962, and,

WHEREAS, the Arizona State Highway Commission recognizes that existing traffic control devices which conform to the "Manual on Uniform Traffic Control Devices for Streets and Highways" adopted on June 27, 1962, cannot be made to immediately conform to the manual to be adopted by this resolution, and,

WHEREAS, those traffic control devices which are currently in conformance with the "Manual on Uniform Traffic Control Devices for Streets and Highways" adopted by the Arizona State Highway Commission by its resolution of June 27, 1962, are uniform and in conformance therewith,

NOW, THEREFORE, BE IT RESOLVED that the "Manual on Uniform Traffic Control Devices for Streets and Highways," as described in paragraph two of this resolution, be and hereby is adopted in its entirety, with the following exceptions:

3A-8 Transverse Markings

Add Subsection 3. as follows:

"3. School crosswalk lines shall be yellow (Sec. 3B-15 and Sec. 7C-3)."

(Reference: Section 28-797, Arizona Revised Statutes)

3B-15 Crosswalks and Crosswalk Lines

Delete the first sentence of paragraph 2 and substitute the following:

"Crosswalk lines shall be solid white lines, marking both

edges of the crosswalk except that school crosswalks shall be yellow (Sec. 3A-8 and Sec. 7C-3)."

(Reference: Section 28-797, Arizona Revised Statutes)

3B-19 Curb Markings for Parking Restrictions

Delete the second sentence of paragraph 1 and substitute the following:

"However, when curb markings are used to supplement standard signs they shall be marked and have the meaning indicated as follows:

1. RED curb markings shall indicate a parking prohibition.
2. GREEN curb markings shall indicate a time limit restriction.
3. YELLOW curb markings shall indicate a loading zone restriction."

3D-4 Delineator Application

Delete the first sentence of the third paragraph and substitute the following:

"Double or vertically elongated yellow delineators should be spaced at approximate 100 foot intervals along acceleration and deceleration lanes and along the outside or both sides of tangent portions of interchange ramps. Spacing greater than 100 feet may be used on ramp tangent sections where this would result in better delineation of the roadway and such spacing does not exceed 200 feet."

3D-5 Delineator Placement and Spacing

Add the following sentence at the end of the fourth paragraph:

"Spacing tables in lieu of Table III-1 may be developed consistent with the foregoing provisions."

4B-5 Meaning of Signal Indications

Delete the first sentence of Subsection 3.b. and substitute the following:

"Traffic which has stopped as required by Subsection 3.a. above, may make a right turn unless a sign is erected at the intersection prohibiting such turn (Sec. 7D-5)."

(Reference: Section 28-645, Arizona Revised Statutes, as amended)

4B-6 Application of Signal Indications

Delete Subsection 2.a. and substitute the following:

"a. Shall be given following a CIRCULAR GREEN indication in the same signal face except that a CIRCULAR YELLOW indication is not required in a signal face used for metering traffic (Sec. 4B-7, Sec. 4B-9 and Sec. 4B-15)."

4B-7 Number of Lenses per Signal Face

Delete the first sentence and substitute the following:

"Each signal face, except in pedestrian signals and signals used for metering traffic, shall have at least three lenses, but not more than five. (Sec. 4B-6, 4B-9 and Sec. 4B-15)."

4B-9 Arrangement of Lenses in Signal Faces

Delete paragraph 3 and substitute the following:

"A CIRCULAR YELLOW lens shall be located between the red lens and all other lenses except that a CIRCULAR YELLOW indication is not required in a signal face used for metering traffic (Sec. 4B-6, Sec. 4B-7 and Sec. 4B-15)."

4B-15 Vehicle Change Interval

Delete the first sentence and substitute the following:

"A yellow vehicle change interval shall be used following each CIRCULAR GREEN interval except that a CIRCULAR YELLOW indication is not required in a signal face used for metering traffic. (Sec. 4B-6, Sec. 4B-7 and Sec. 4B-9)."

6B-1 Design of Signs

Delete the last sentence of the second paragraph and substitute the following:

"However, the use of standard orange or fluorescent red-orange flags or yellow flashing warning lights in conjunction with signs is permitted, so long as they do not interfere with a clear view of the sign face."

6C-3 Cone Design

Delete the fourth sentence and substitute the following:

"Orange or fluorescent red-orange shall be the predominant color on cones."

6E-2 Hand Signaling Devices

Delete the first sentence of paragraph 1 and substitute the following:

"A number of hand signaling devices, such as red or fluorescent red-orange flags, STOP/SLOW paddles and lights are used in controlling traffic through work areas."

Delete the first sentence of paragraph 2 and substitute the following:

"Flags used for signaling purposes shall be a minimum of 24" x 24" in size, made of a good grade of red or fluorescent red-orange material securely fastened to a staff approximately 3 feet in length."

6E-3 Flagmen

Delete the second paragraph and substitute the following:

“The use of an orange or fluorescent red-orange vest, and/or an orange or fluorescent red-orange cap shall be required for flagmen. For nighttime conditions, similar outside garments shall be reflectorized. When a uniformed police officer performs the duties of a flagman, he shall not be required to wear any special garments.”

7B-6 Position of Signs

Delete paragraph 3.

(Reference: Section 28-797, Arizona Revised Statutes)

ADD:

7B-10A Stop When Children in Crosswalk Sign (S2-2)

“The Stop When Children in Crosswalk sign shall be used at all established school crossings. The Stop When Children in Crosswalk sign shall have a black legend on a white background. The sign shall be erected on a portable support within the roadway at the crosswalk, and shall have a minimum 24" x 30" size.”



S2-2
24" x 30"

(Reference: Section 28-797, Arizona Revised Statutes)

7B-12 School Speed Limit Signs (S4-1, S4-2, S4-3, S4-4)

In the title of this section add "S4-5" after "S4-4."

After paragraph 6 add the following new paragraph:

“The School Speed Limit sign shall be used to indicate the speed limit through established school zones. The School Speed Limit sign shall be a 24" x 30" panel carrying the legend NO PASSING 15 - SCHOOL IN SESSION. The upper portion of the sign shall have a black legend, NO PASSING 15, on a white back-

ground. The lower portion shall have a black legend, SCHOOL IN SESSION, on a yellow background.

The School Speed Limit signs shall be installed on a portable support within the roadway, placed on each approach to the crossing at a distance not greater than 300 feet in advance."



S4-5
24" x 30"

(Reference: Section 28-797, Arizona Revised Statutes)

7C-3 Crosswalk Lines

In the first sentence of the first paragraph delete the word "white" and substitute the word "yellow" (Sec. 3A-8 and Sec. 3B-15).

(Reference: Section 28-797, Arizona Revised Statutes)

ADD:

7C-7 Centerline

"A 4 inch solid yellow centerline marking(s) shall be installed in advance of an established school crossing on each approach for two-lane, two-way roadways. The solid yellow centerline marking(s) shall not exceed 300 feet in length."

(Reference: Section 28-797, Arizona Revised Statutes)

7D-5 Meaning of Signal Indications

Under the section headed "The steady CIRCULAR RED or RED ARROW shall have the following meanings:", delete the first sentence of Subsection 2. and substitute the following:

"Traffic which has stopped as required by Subsection 1. above may make a right turn unless a sign is erected at the intersection prohibiting such turn (Sec. 4B-5)."

(Reference: Section 28-645, Arizona Revised Statutes, as amended)

BE IT FURTHER RESOLVED that the "Manual on Uniform Traffic Control Devices for Streets and Highways" adopted by resolution of this Commission on June 27, 1962 shall remain in full force and effect insofar as it prescribes standards for traffic control devices until those changes mandated in the Manual adopted by this resolution shall have been fully implemented, PROVIDED, HOWEVER, that during that period of time during which changes to conform to the new Manual are being made, any traffic control device which conforms to either Manual shall be deemed to be a uniform traffic control device, PROVIDED, HOWEVER, that:

1. All markings conform to the new Manual by December 31, 1972.

2. All traffic control devices (including signs) for construction and maintenance conform to the new Manual by December 31, 1973.

3. All signs (except construction and maintenance signs) conform to the new Manual by December 31, 1975.

4. All traffic signals conform to the new Manual by December 31, 1976.

The terms "traffic control devices," "signs," "markings" and "traffic signals" whenever used in this resolution shall have the meaning attached thereto as is given in the "Manual on Uniform Control Devices for Streets and Highways" adopted by this resolution.

This resolution shall become effective on and after January 1, 1972. Pursuant to Section 41-1003, Arizona Revised Statutes, the Commission has found the adoption of these rules is necessary for immediate preservation of the public peace, health and safety and that notice and public procedure thereon is contrary to the public interest and, therefore, adopts these rules and emergency rules.

RESOLUTION
RELATING TO ADOPTION OF "MANUAL
ON UNIFORM TRAFFIC CONTROL DEVICES FOR
STREETS AND HIGHWAYS"

This resolution rescinds and revokes any and all previous resolutions pertaining to uniform traffic control devices for highways within the State of Arizona and becomes effective January 1, 1972.

The Commission finds that the immediate adoption of these rules and regulations is necessary for the preservation of the public peace, health, and safety and that they shall be adopted as an emergency.

I, JUSTIN HERMAN, the duly and regularly appointed, qualified and acting Director of the Arizona State Highway Department, do hereby certify that the foregoing is a true and correct copy of and from the minutes of the Arizona State Highway Commission, made in Official Session the 28 day of December, 1971.

IN WITNESS WHEREOF, I have hereunto set my hand and the Official Seal of the Arizona State Highway Commission this 28 day of December, 1971.


JUSTIN HERMAN, Director
Arizona State Highway Department

The "Resolution and Addendum" dated January 1, 1972, which adopted the 1971 edition of the Manual on Uniform Traffic Devices for Streets and Highways, has been amended as follows: (page 6)

CHANGE SECTION 7C-7, Centerline, to read:

"A 4-inch yellow centerline marking (s) shall be installed in advance of an established school crossing on each approach for two lane, two way roadways. The yellow centerline marking (s) shall not exceed 300 feet in length."

(Reference: Section 28-797, Arizona Revised Statutes)

Effective Date: June 16, 1972