
223 SPEED REGULATIONS

Speed regulations should be adopted for all sections of paved highway which are under the jurisdiction of the Director, Arizona Department of Transportation; this includes Interstate highways, United States numbered highways, State highways, crossovers and crossing roadways at traffic interchanges, and frontage roads. If no speed limits are posted, Arizona Revised Statutes (ARS) §28-701 establishes reasonable and prudent speeds.

The State Operational Traffic and Safety Engineer is empowered to adopt regulations per ARS Title 28, as amended, and the delegation of authority from the State Engineer to the Transportation Systems Management and Operations Division dated January 22, 2018.

Procedure to Transcribe Speed Regulations

Speed regulations are legal and binding documents that establish a numerical speed limit on a defined segment of highway and are transcribed and maintained by route and milepost within the Operational Traffic and Safety Group for the entire State Highway System. **The following procedure shall be used to transcribe speed regulations in a uniform and concise format:**

- (1) **The official speed regulation file is located in the Operational Traffic and Safety Group, generally filed by route and route type (mainline, frontage roads, etc.). Each speed regulation shall identify the specific route segment, milepost limits of established speed zones, and route direction and vehicle type, where appropriate (see Exhibit 223-A). Each speed regulation shall also list all related references, including but not limited to: memorandums, studies, emails, and traffic engineering investigations (see Exhibit 223-B). The speed regulation shall be prepared based on the existing speed regulation (if one exists) and shall incorporate the recommended changes per an engineering and traffic investigation for that segment of highway prepared in accordance with ARS §28-702, ARS §28-641 and ARS §28-642. On the speed regulation, changes in speed limits and/or mile posting shall be indicated with an “X”.**
- (2) A transmittal memorandum may be drafted from the Assistant State Traffic Engineer & Operational Traffic and Safety Group Manager and be sent electronically via email to the appropriate Regional Traffic Engineer, which includes the route and milepost limits to be affected. If used, the memorandum should state that the original signed documents are to be annotated, signed, and returned to the Traffic Operations and Safety Group for retention in the speed regulation file. A copy of the transmittal memorandum also should be sent to the appropriate District Engineer, appropriate Department of Public Safety District Commander, and the Regional Traffic Engineer.
- (3) **The speed regulation, transmittal memorandum (if used), and traffic engineering investigation shall be sent via Docusign to the Assistant State Traffic Engineer & Operational Traffic and Safety Group Manager for their review and signature (see Exhibit 223-C). The speed regulation shall not be effective until signed and dated by the Assistant State Traffic Engineer & Operational Traffic and Safety Group Manager**

- (4) The information from the speed regulation is then entered into the speed regulation data base.
- (5) Once the speed regulation has been signed by the Assistant State Traffic Engineer & Operational Traffic and Safety Group Manager, a copy of the speed regulation is placed in the appropriate electronic folder in the speed regulation section of the Operational Traffic and Safety Group server. The superseded speed regulation is moved to the "Speed Regulation" subfolder for that highway number for archival reference. If an engineering investigation or study accompanies the speed regulation, it should be placed in the "Studies" subfolder for that highway number for archival reference.
- (6) A copy of the transmittal memorandum also should be sent to the appropriate District Engineer, appropriate Department of Public Safety District Commander, and the Regional Traffic Engineer.
- (7) **Upon completion of sign installation, the installer shall complete and sign the speed regulation and send the signed and completed speed regulation to the Assistant State Traffic Engineer & Operational Traffic and Safety Group Manager via the Regional Traffic Engineering Office.** The completed speed regulation for signature will be send via Docusign. The Regional Traffic Office may retain a copy of the signed and annotated speed regulation for their records.
- (8) When the original speed regulation is returned via email with signatures, it should be reviewed by Operational Traffic and Safety Group staff for any modifications in the speed zone limits. If modifications are within allowable tolerances, the installation or confirmed dates are entered into the speed regulation database. The original speed regulation with installer notes and signature should be placed in the speed regulation section of the Operational Traffic and Safety Group server in place of the document listed in Step 5. **If the modifications to speed zones are not within allowable tolerances, a new speed regulation shall be prepared.**
- (9) Once the speed regulation has been entered into the speed regulation database, the Arizona Department of Transportation Multimodal Planning Division Data Team should be notified of the speed change so they can update the statewide speed map.

Exhibit 223-A. Example of a Speed Regulation Summary (Exhibit A)

I-10 [Route] _____

Route: I-10 [Route]
 Location: In the [name] District from [Cross Road or Landmark] to [Cross Road or Landmark].
 Length: ###.##** total statute miles
 Vehicle Type: All
 Miscellaneous: _____

Exhibit A

Milepost	MilePost	Maximum Speed Limit (MPH)	(C)onfirmed or (I)nstalled?	RTE Initial	Date
###.##	###.##	## mph	_____	_____	_____
###.##	###.##	## mph	_____	_____	_____
###.##	###.##	## mph	_____	_____	_____
###.##	###.##	## mph	_____	_____	_____

-----LAST ENTRY-----

Exhibit 223-B. Example of Speed Regulation Reference Table (Exhibit B)

SR #: ROADWAY NAME – YYY-MM-DD

Route: XXXXXXXXXXXX
 Location: From MP XXXX (DESCRIPTOR) east to MP XXXX (DESCRIPTOR)
 Length: XXXX** total statute miles
 Vehicle Type: XXX
 Miscellaneous: _____

Exhibit B

REFERENCES:

Mile post	Mile post	Direction	Memo Type	Speed Limit	Memo Date	Speed Reg. Adopted Date
091.14 (Jct. SR 77)	091.48	Both	Office Memo	45	10/20/1993	10/27/1993
091.48	131.91	Both	Office Memo	55	10/20/1993	10/27/1993
131.91	134.70	Both	Office Memo	45	10/20/1993	10/27/1993
134.70	149.86	Both	Office Memo	55	10/20/1993	10/27/1993
149.86	150.28 (Florence Jct.)	Both	Office Memo	35	10/20/1993	10/27/1993
91.48	127.34	Both	Speed Eval.	65	7/17/1998	7/13/1998
127.34	128.10	Both	Speed Eval.	55	7/17/1998	7/13/1998
128.10	131.89	Both	Speed Eval.	65	7/17/1998	7/13/1998
137.01	149.58	NB	Speed Eval.	65	7/17/1998	7/13/1998
149.58	149.86	NB	Speed Eval.	55	7/17/1998	7/13/1998
137.01	149.86	SB	Speed Eval.	65	7/17/1998	7/13/1998
131.89	134.75	Both	E-mail	45	02/03/2003	5/23/2003
128.10	131.76	Both	Office Memo	65	12/18/2003	1/8/2004
131.76	134.75	Both	Office Memo	45	12/18/2003	1/8/2004
134.75	134.82	Both	Office Memo	45	02/03/2003	1/8/2004
134.82	137.01	Both	Office Memo	55	02/03/2003	1/8/2004
137.01	149.33	Both	Office Memo	65	02/03/2003	1/8/2004
149.33	149.72	Both	Office Memo	45	02/03/2003	1/8/2004
149.72	150.28 (Florence Jct.)	Both	Office Memo	35	02/03/2003	1/8/2004
134.75	136.82	Both	Speed Eval.	45	3/8/2005	09/28/2005
136.82	137.16	Both	Speed Eval.	55	3/8/2005	09/28/2005
137.16	149.33	Both	Speed Eval.	65	3/8/2005	09/28/2005
131.76	136	Both	Office Memo	45	12/19/2008	03/6/2009
136.82	137.16	Both	Office Memo	55	12/19/2008	03/6/2009
137.16	149.33	Both	Office Memo	65	12/19/2008	03/6/2009
149.33	149.72	Both	Office Memo	45	12/19/2008	03/6/2009
149.72	150.28 (Florence Jct.)	Both	Office Memo	35	12/19/2008	03/6/2009
127.34	128.45	BOTH	Office Memo	55	10/13/2017	11/20/2017
128.45	131.76	BOTH	Office Memo	65	10/13/2017	11/20/2017

Exhibit 223-C. Example of a Speed Regulation Document

SR #: ADOT/SRPMIC/City of Scottsdale – Loop 101 "Fingers" – _____

Arizona Department of Transportation

SPEED REGULATION

Pursuant to 23 U.S. Code § 409 and Title 28, Sections 363A.4, 701, 701.02, 702, 702.04, 703, 703.01, 703.02, 704, 706, 707, Arizona Revised Statutes, as amended, and Departmental Directives, the Operational Traffic and Safety Group Manager, is empowered to determine on the basis of an engineering and traffic investigation that any maximum speed limit is greater or less than is reasonable and safe under the conditions found to exist on any part of a State Highway, and may determine and declare a reasonable and safe maximum speed limit or varying speed limits for the location.

<http://www.azleg.gov/arsDetail/?title=28>

Pursuant to this authority, the Operational Traffic and Safety Group Manager, determines and declares the maximum speed(s) listed in the table on the next page for the roadway segment(s) listed below to be reasonable and safe:

**On Vía De Ventura, Talking Stick Way, McDonald Dr., Chaparral Rd., Indian School Rd.,
and McDowell Rd. between Pima Rd. and L 101.**

The maximum speed(s) set forth are to be effective at all times, but are not intended to relieve highway users from exercising due care for actual and potential hazards that are existing on such highways as set forth in Section 28-701.D., Arizona Revised Statutes, as amended, or otherwise, and reduce the speed of their vehicle accordingly to less than the maximum speeds herein set forth.

The maximum speeds established by this regulation shall be effective on the date the Arizona Department of Transportation places appropriate signs along the route to advise highway users of the maximum speeds listed in the table in Appendix A.

This regulation rescinds and replaces any and all previous regulations fixing maximum speed limits on those sections of the State highway herein set forth.

This regulation is adopted on _____, by the Assistant State Engineer and Operational Traffic and Safety Group Manager.

George Williams, PE, PTOE, PTP

The signs necessary to implement this regulation were installed (or) confirmed on _____

by

Adam D. Carreon, P.E.