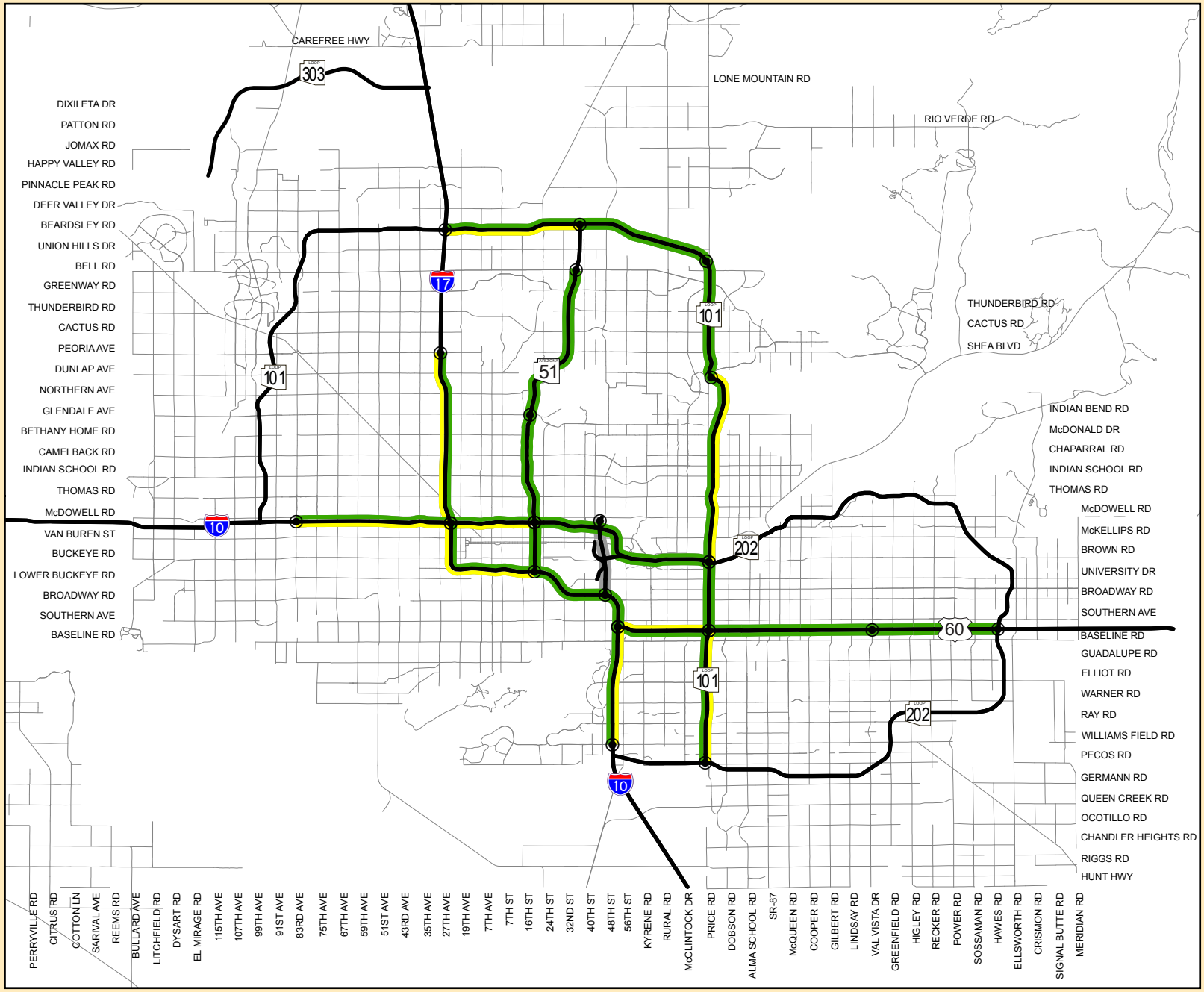
DRAFT

MARICOPA ASSOCIATION of GOVERNMENTS

Performance Measures Study

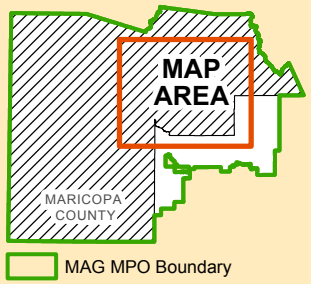
Average AM Peak Period Corridor Speeds General Purpose Lanes



Legend

Average Corridor Speeds (2013)

- 25 - 40 MPH
- 40 - 55 MPH
- > 55 MPH
- Existing Freeway
- Data Not Valid
- Major Roads
- Corridor Breakpoints



While every effort has been made to ensure the accuracy of this information, the Maricopa Association of Governments makes no warranty, expressed or implied, as to its accuracy and expressly disclaims liability for the accuracy thereof.

0 5 10 15 20 Miles

N

Source: Maricopa Association of Governments

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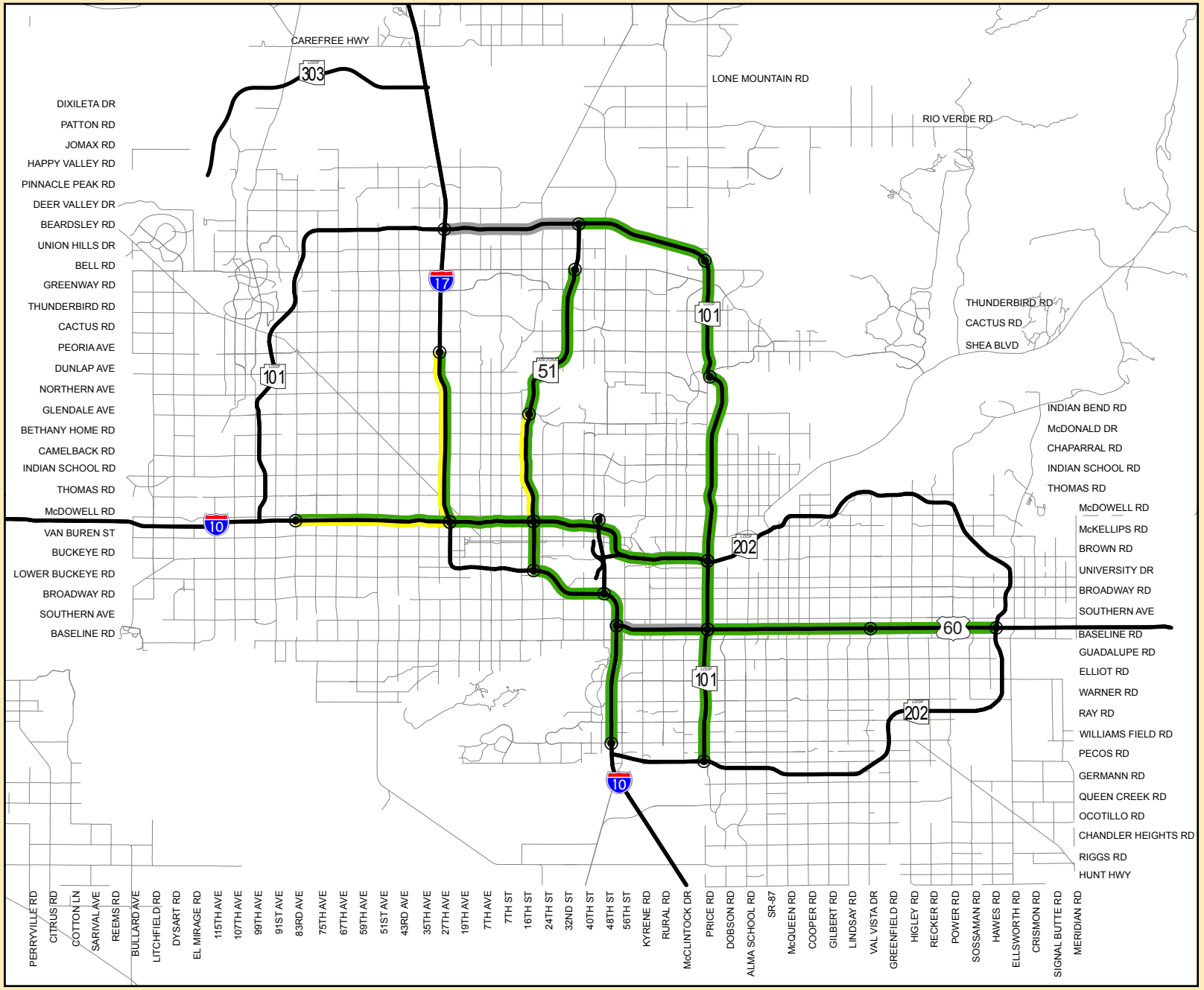
MARICOPA ASSOCIATION of GOVERNMENTS

Performance Measures Study

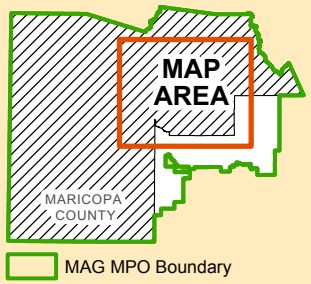
Average AM Peak Period Corridor Speeds HOV Lanes



Legend

Average Corridor Speeds (2013)

- 25 - 40 MPH
- 40 - 55 MPH
- > 55 MPH
- Existing Freeway
- Data Not Valid
- Major Roads
- Corridor Breakpoints



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N

Source: Maricopa Association of Governments

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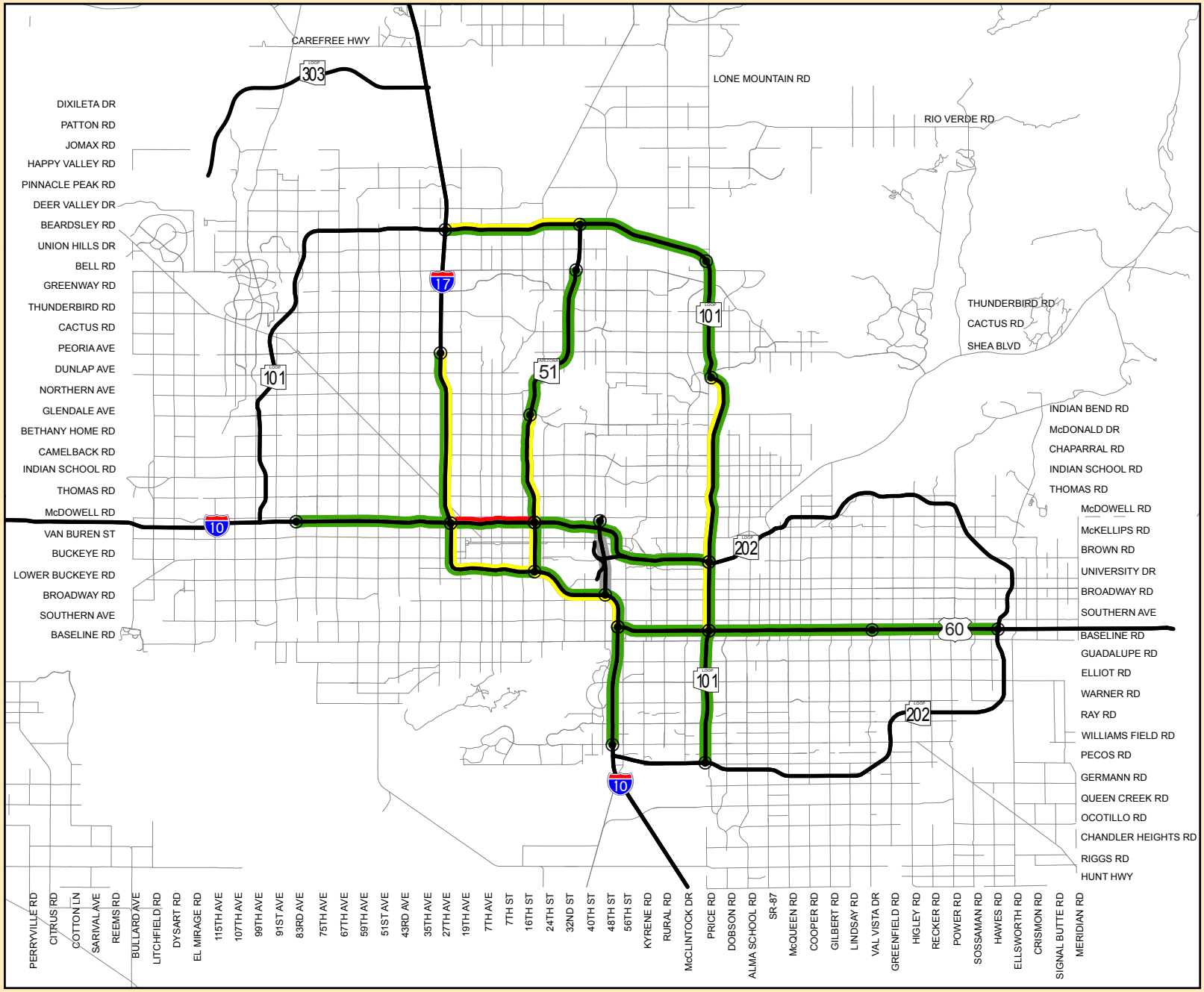
Performance Measures Study

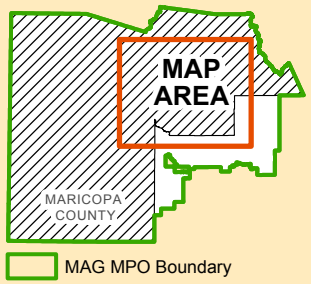
Average PM Peak Period Corridor Speeds General Purpose Lanes



Legend

Average Corridor Speeds (2013)

- 25 - 40 MPH
- 40 - 55 MPH
- > 55 MPH
- Existing Freeway
- Data Not Valid
- Major Roads
- Corridor Breakpoints



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Source: Maricopa Association of Governments

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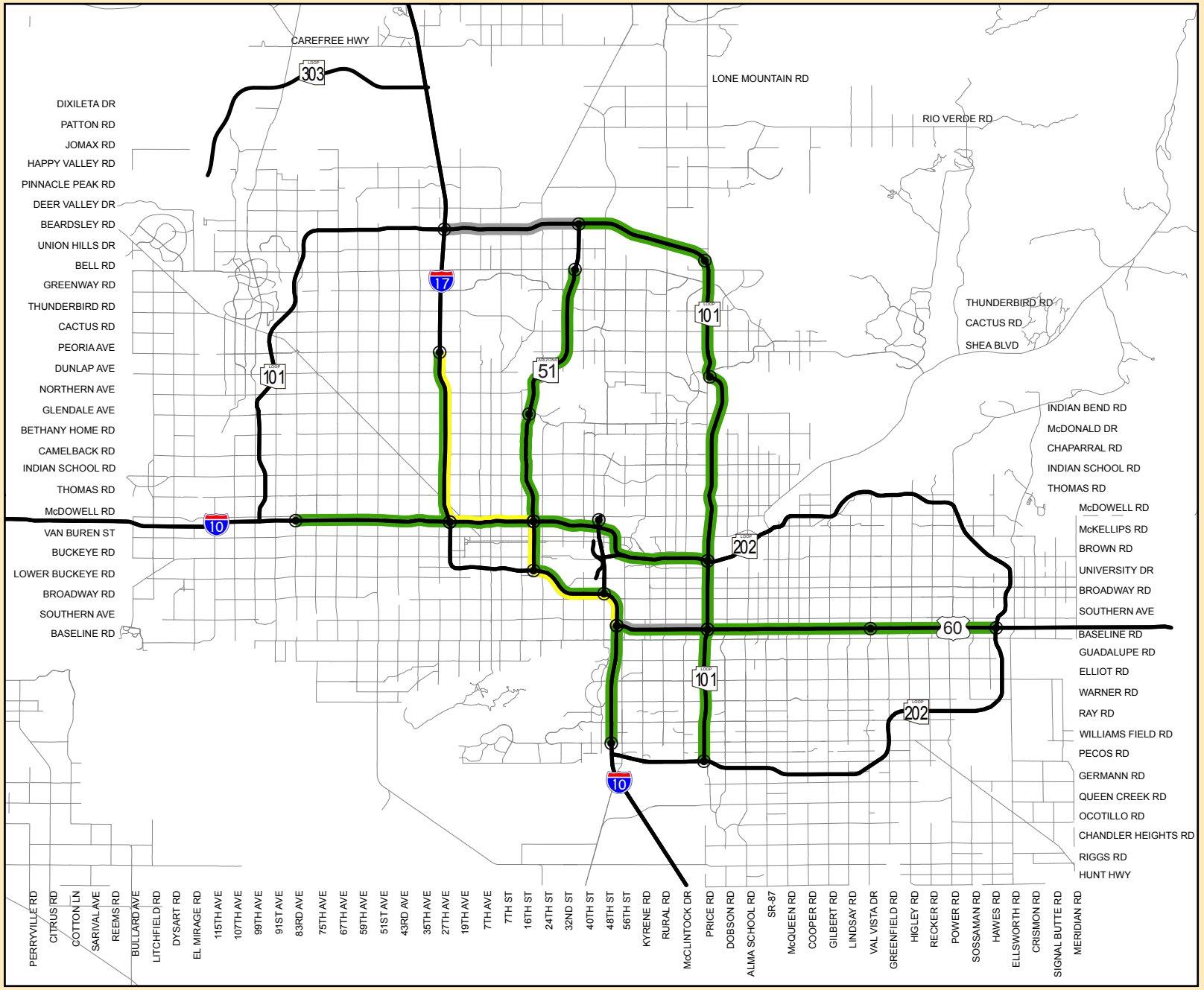
MARICOPA ASSOCIATION of GOVERNMENTS

Performance Measures Study

Average PM Peak Period Corridor Speeds HOV Lanes



Legend

Average Corridor Speeds (2013)

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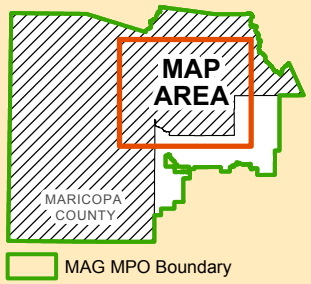

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0 5 10 15 20 Miles

N

Source: Maricopa Association of Governments

Results for Annual Average Peak Period Speed by Corridor

Corridor ID	Freeway Corridor	Dir	From	To	Average AM Peak Period Speed (mph)					
					General-purpose Lanes			HOV Lanes		
					2012	2013	% Change	2012	2013	% Change
A	I-10 Papago	EB	83rd Avenue	I-17	50.2	46.9	-6.53%	54.5	52.2	-4.08%
		WB	I-17	83rd Avenue	66.4	67.1	1.14%	68.1	68.2	0.13%
B	I-10 Papago	EB	I-17	SR 51/Loop 202	53.1	52.1	-1.99%	62.6	62.3	-0.43%
		WB	SR 51/Loop 202	I-17	62.8	63.1	0.55%	70.4	70.7	0.41%
C	I-10 Maricopa	EB	SR 51/Loop 202	U.S. 60	61.9	62.0	0.24%	67.6	68.3	1.00%
		WB	U.S. 60	SR 51/Loop 202	57.5	57.9	0.66%	63.6	63.8	0.30%
D	I-10 Maricopa	EB	U.S. 60	Chandler Blvd	65.5	65.1	-0.54%	71.0	71.9	1.35%
		WB	Chandler Blvd	U.S. 60	44.3	43.8	-1.23%	58.3	60.1	3.07%
E	I-17	NB	Maricopa TI	I-10	61.5	61.4	-0.16%	na	na	na
		SB	I-10	Maricopa TI	52.9	49.5	-6.40%	na	na	na
F	I-17	NB	I-10	Peoria Ave.	59.5	58.7	-1.29%	60.4	59.7	-1.25%
		SB	Peoria Ave.	I-10	53.8	50.9	-5.53%	58.6	53.4	-8.80%
G	SR 51	NB	I-10/Loop 202	Glendale Avenue	63.4	62.7	-1.14%	64.5	63.1	-2.09%
		SB	Glendale Avenue	I-10/Loop 202	55.8	55.1	-1.24%	59.2	54.9	-7.17%
H	SR 51	NB	Glendale Avenue	Bell Road	67.7	66.7	-1.48%	68.8	71.9	4.47%
		SB	Bell Road	Glendale Avenue	63.3	61.4	-3.01%	67.0	66.9	-0.22%
I	Loop 202	EB	I-10/SR 51	Loop 101	65.9	66.9	1.43%	70.5	71.2	0.90%
		WB	Loop 101	I-10/SR 51	57.8	57.1	-1.15%	66.7	64.4	-3.55%
J	U.S. 60	EB	I-10	Loop 101	63.7	63.9	0.22%	63.5	66.9	5.37%
		WB	Loop 101	I-10	52.9	51.4	-2.82%	not available	not available	na
K	U.S. 60	EB	Loop 101	Val Vista Dr.	65.3	64.9	-0.56%	67.1	67.6	0.73%
		WB	Val Vista Dr.	Loop 101	61.7	60.7	-1.57%	69.8	69.6	-0.19%
L	U.S. 60	EB	Val Vista Dr.	Loop 202	68.4	67.4	-1.49%	71.2	70.0	-1.64%
		WB	Loop 202	Val Vista Dr.	69.1	69.7	0.84%	71.2	71.6	0.58%
M	SR 143	NB	I-10	Loop 202/ McDowell	not available	not available	na	not available	not available	na
		SB	Loop 202/ McDowell	I-10	not available	not available	na	not available	not available	na
N	Loop 101	NB	Loop 202 Santan	U.S. 60	54.7	54.3	-0.67%	65.5	66.6	1.64%
		SB	U.S. 60	Loop 202 Santan	66.4	67.3	1.36%	72.4	74.9	3.54%
O	Loop 101	NB	U.S. 60	Loop 202 Red Mountain	56.0	57.1	1.99%	68.2	70.4	3.23%
		SB	Loop 202 Red Mountain	U.S. 60	67.5	68.0	0.77%	74.5	75.5	1.34%
P	Loop 101	NB	Loop 202 Red Mountain	90th St.	54.8	52.8	-3.56%	66.1	64.6	-2.26%
		SB	90th St.	Loop 202 Red Mountain	66.4	65.4	-1.59%	71.0	72.2	1.58%
Q	Loop 101	NB	90th St.	Pima Rd.	65.9	66.4	0.68%	70.7	70.7	0.09%
		SB	Pima Rd.	90th St.	66.8	66.9	0.13%	73.3	73.0	-0.33%
R	Loop 101	EB	Pima Rd.	SR 51	61.1	59.9	-2.01%	69.9	63.4	-9.18%
		WB	SR 51	Pima Rd.	69.9	70.2	0.45%	75.2	74.5	-1.01%
S	Loop 101	EB	SR 51	I-17	50.8	49.9	-1.92%	64.0	not available	na
		WB	I-17	SR 51	68.7	69.4	0.97%	74.7	not available	na

Source: ADOT FMS
na = not applicable

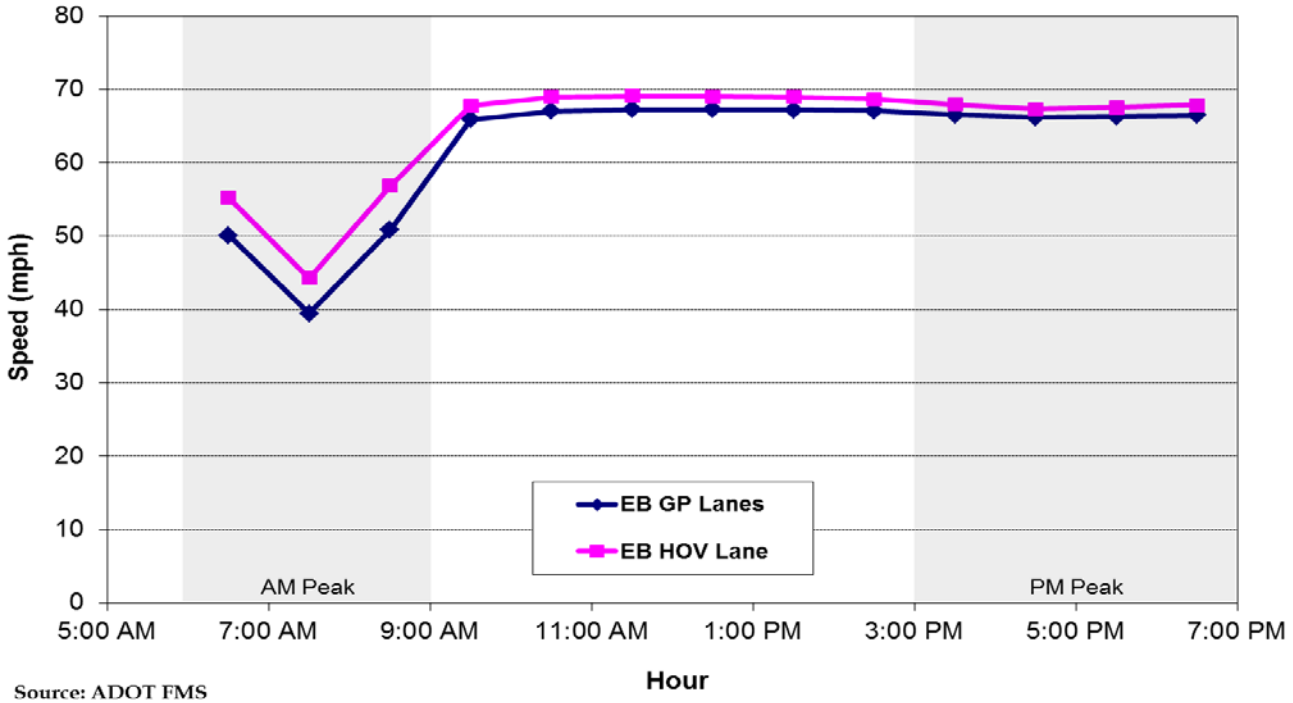
Results for Annual Average Peak Period Speed by Corridor

Corridor ID	Freeway Corridor	Dir	From	To	Average PM Peak Period Speed (mph)					
					General-purpose Lanes			HOV Lanes		
					2012	2013	% Change	2012	2013	% Change
A	I-10 Papago	EB	83rd Avenue	I-17	66.8	66.4	-0.7%	67.3	67.6	0.5%
		WB	I-17	83rd Avenue	58.8	57.3	-2.7%	62.7	61.0	-2.7%
B	I-10 Papago	EB	I-17	SR 51/Loop 202	56.9	56.0	-1.7%	63.7	63.3	-0.6%
		WB	SR 51/Loop 202	I-17	40.6	36.9	-9.2%	48.4	43.8	-9.5%
C	I-10 Maricopa	EB	SR 51/Loop 202	U.S. 60	47.9	46.7	-2.5%	55.3	54.3	-1.8%
		WB	U.S. 60	SR 51/Loop 202	60.3	58.0	-3.8%	65.1	64.2	-1.3%
D	I-10 Maricopa	EB	U.S. 60	Chandler Blvd	57.0	55.2	-3.1%	64.6	65.9	2.0%
		WB	Chandler Blvd	U.S. 60	61.9	61.4	-0.9%	66.1	68.0	2.8%
E	I-17	NB	Maricopa TI	I-10	51.8	48.3	-6.7%	na	na	na
		SB	I-10	Maricopa TI	60.9	60.6	-0.5%	na	na	na
F	I-17	NB	I-10	Peoria Ave.	48.4	45.3	-6.3%	52.6	50.4	-4.2%
		SB	Peoria Ave.	I-10	61.4	60.5	-1.4%	64.6	59.7	-7.5%
G	SR 51	NB	I-10/Loop 202	Glendale Avenue	55.2	53.9	-2.3%	61.2	59.6	-2.5%
		SB	Glendale Avenue	I-10/Loop 202	61.6	61.2	-0.6%	62.1	57.8	-7.0%
H	SR 51	NB	Glendale Avenue	Bell Road	66.6	64.3	-3.5%	68.1	70.0	2.7%
		SB	Bell Road	Glendale Avenue	67.6	67.6	-0.1%	68.8	70.3	2.2%
I	Loop 202	EB	I-10/SR 51	Loop 101	62.1	62.1	0.0%	69.1	69.1	0.0%
		WB	Loop 101	I-10/SR 51	60.7	60.2	-0.9%	66.1	67.4	2.0%
J	U.S. 60	EB	I-10	Loop 101	59.9	59.3	-1.0%	64.7	65.6	1.3%
		WB	Loop 101	I-10	65.2	65.1	-0.3%	not available	not available	na
K	U.S. 60	EB	Loop 101	Val Vista Dr.	63.0	62.5	-0.7%	68.8	68.9	0.0%
		WB	Val Vista Dr.	Loop 101	66.7	66.2	-0.8%	67.4	68.2	1.2%
L	U.S. 60	EB	Val Vista Dr.	Loop 202	68.8	67.8	-1.4%	72.4	70.6	-2.5%
		WB	Loop 202	Val Vista Dr.	68.9	69.5	0.9%	70.0	70.5	0.8%
M	SR 143	NB	I-10	Loop 202/ McDowell	not available	not available	na	not available	not available	na
		SB	Loop 202/ McDowell	I-10	not available	not available	na	not available	not available	na
N	Loop 101	NB	Loop 202 Santan	U.S. 60	64.8	65.5	1.1%	71.0	72.3	1.7%
		SB	U.S. 60	Loop 202 Santan	57.5	58.2	1.3%	66.0	68.0	3.0%
O	Loop 101	NB	U.S. 60	Loop 202 Red Mountain	65.2	67.4	3.3%	73.0	75.6	3.5%
		SB	Loop 202 Red Mountain	U.S. 60	44.9	42.7	-5.0%	60.3	60.5	0.4%
P	Loop 101	NB	Loop 202 Red Mountain	90th St.	60.6	60.4	-0.3%	69.2	68.6	-0.9%
		SB	90th St.	Loop 202 Red Mountain	51.0	50.7	-0.5%	61.4	62.7	2.0%
Q	Loop 101	NB	90th St.	Pima Rd.	63.7	63.7	-0.1%	69.9	69.5	-0.5%
		SB	Pima Rd.	90th St.	65.6	66.0	0.6%	72.8	72.6	-0.3%
R	Loop 101	EB	Pima Rd.	SR 51	68.1	69.0	1.3%	74.0	68.2	-7.8%
		WB	SR 51	Pima Rd.	61.8	58.8	-4.9%	70.9	67.9	-4.3%
S	Loop 101	EB	SR 51	I-17	66.4	66.6	0.3%	72.4	not available	na
		WB	I-17	SR 51	55.5	54.0	-2.7%	66.9	not available	na

Source: ADOT FMS
na = not applicable

Hourly Average Speeds (2013) Corridor A

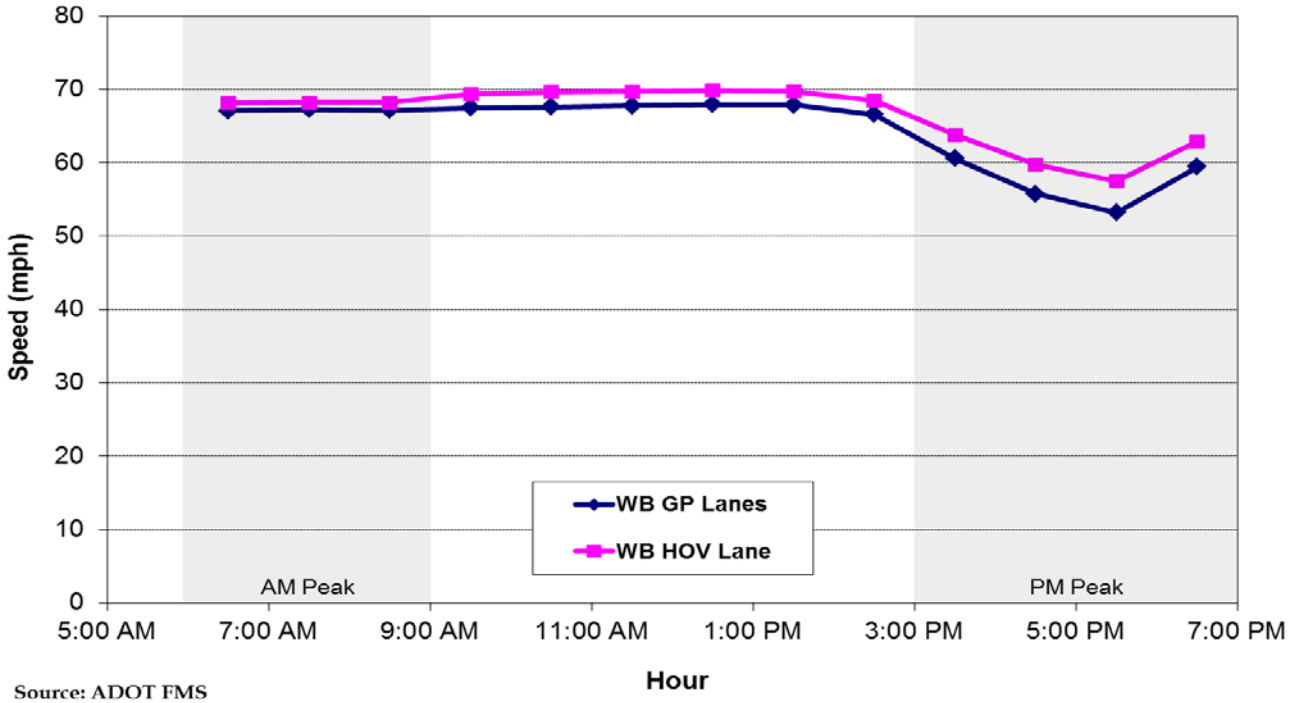
I-10 Papago Eastbound: 83rd Avenue to I-17



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor A

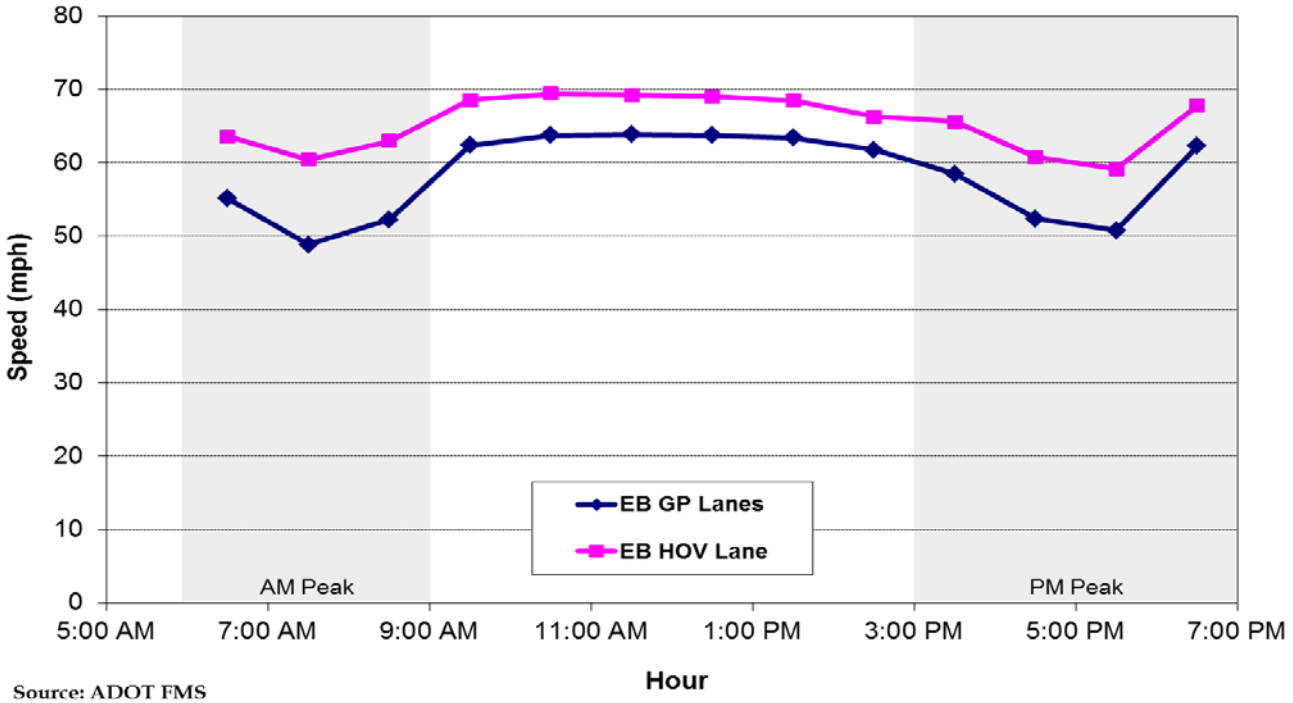
I-10 Papago Weststbound: I-17 to 83rd Avenue



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor B

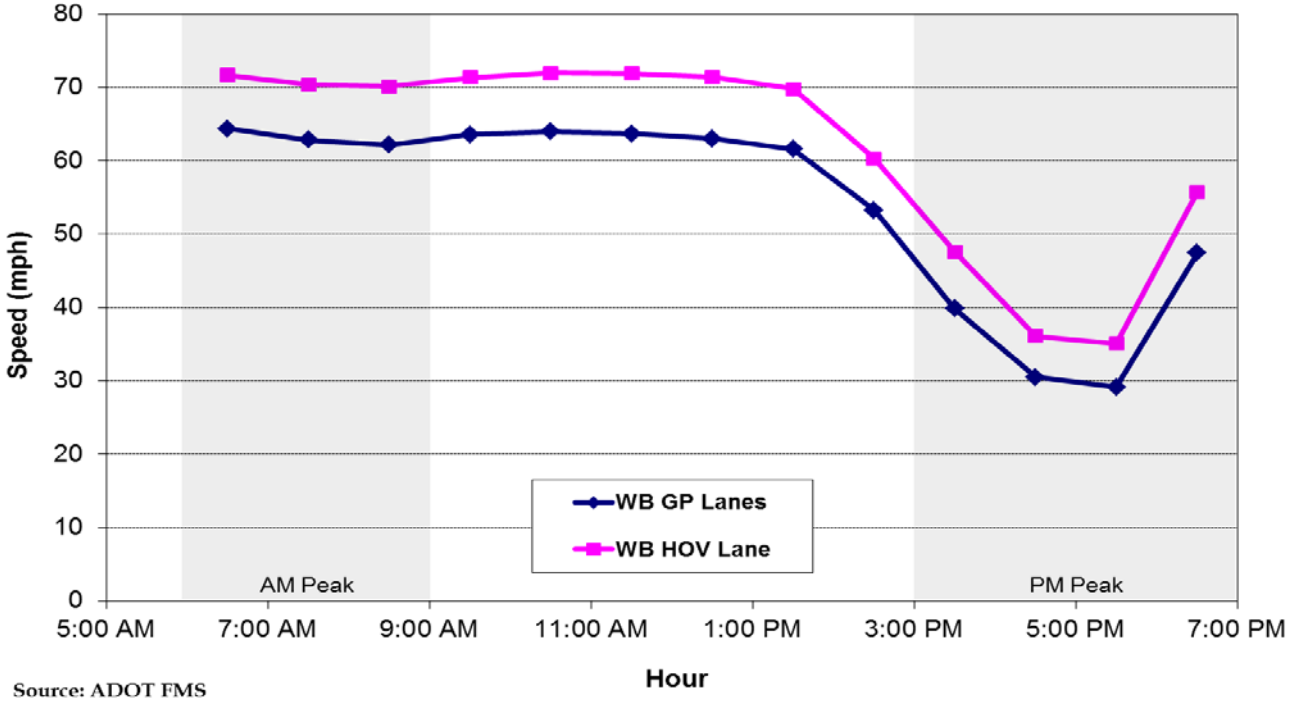
I-10 Papago Eastbound: I-17 to SR51



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor B

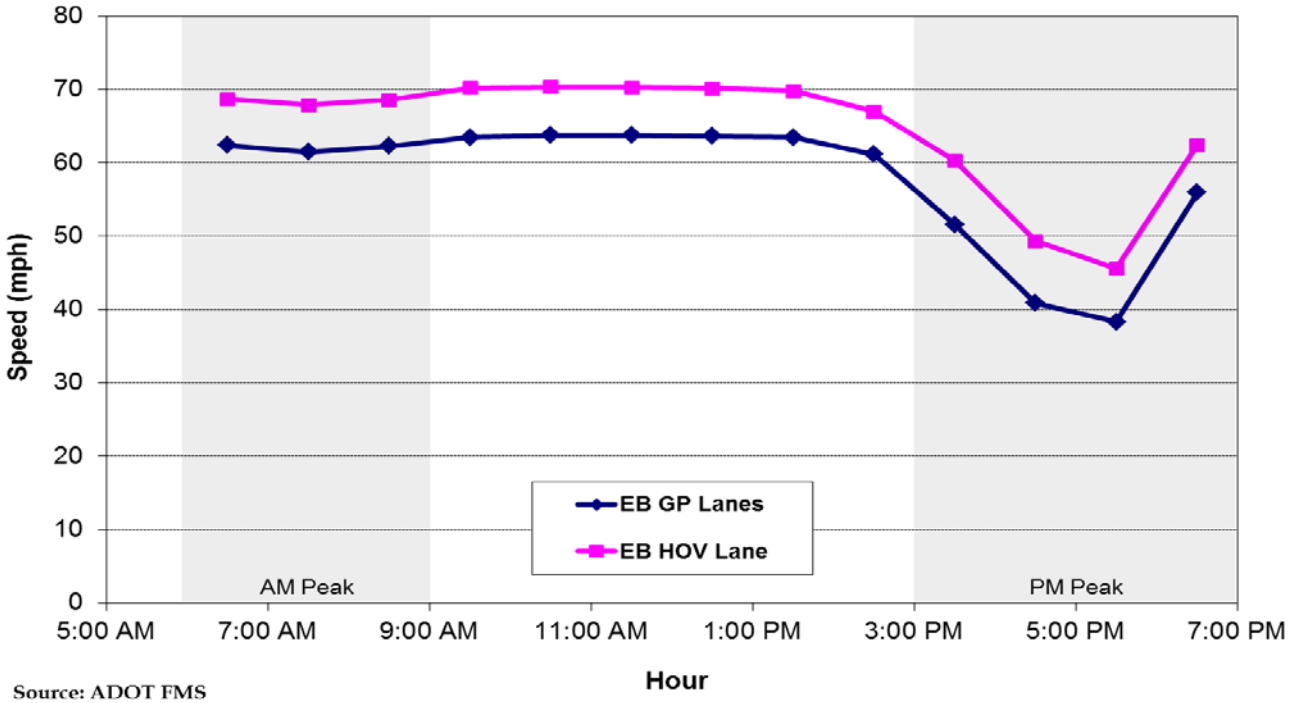
I-10 Papago Westbound: SR 51 to I-17



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor C

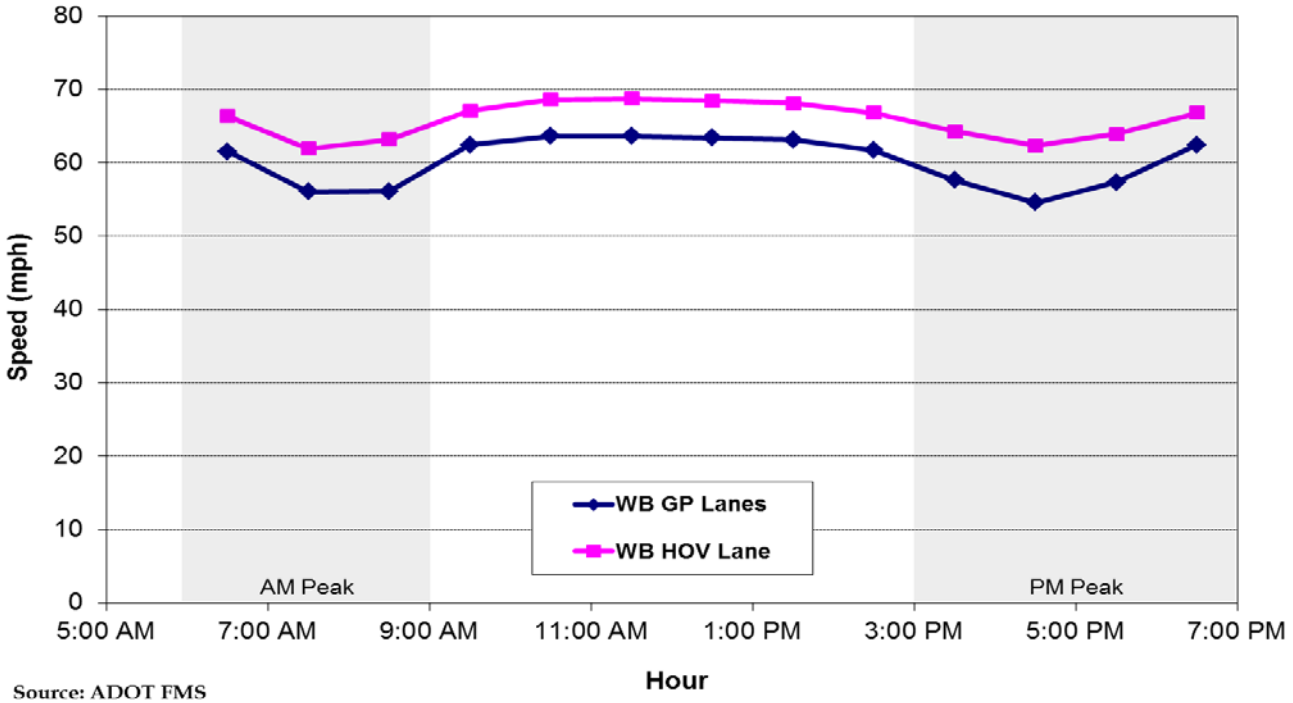
I-10 Maricopa Eastbound: SR-51 to US-60



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor C

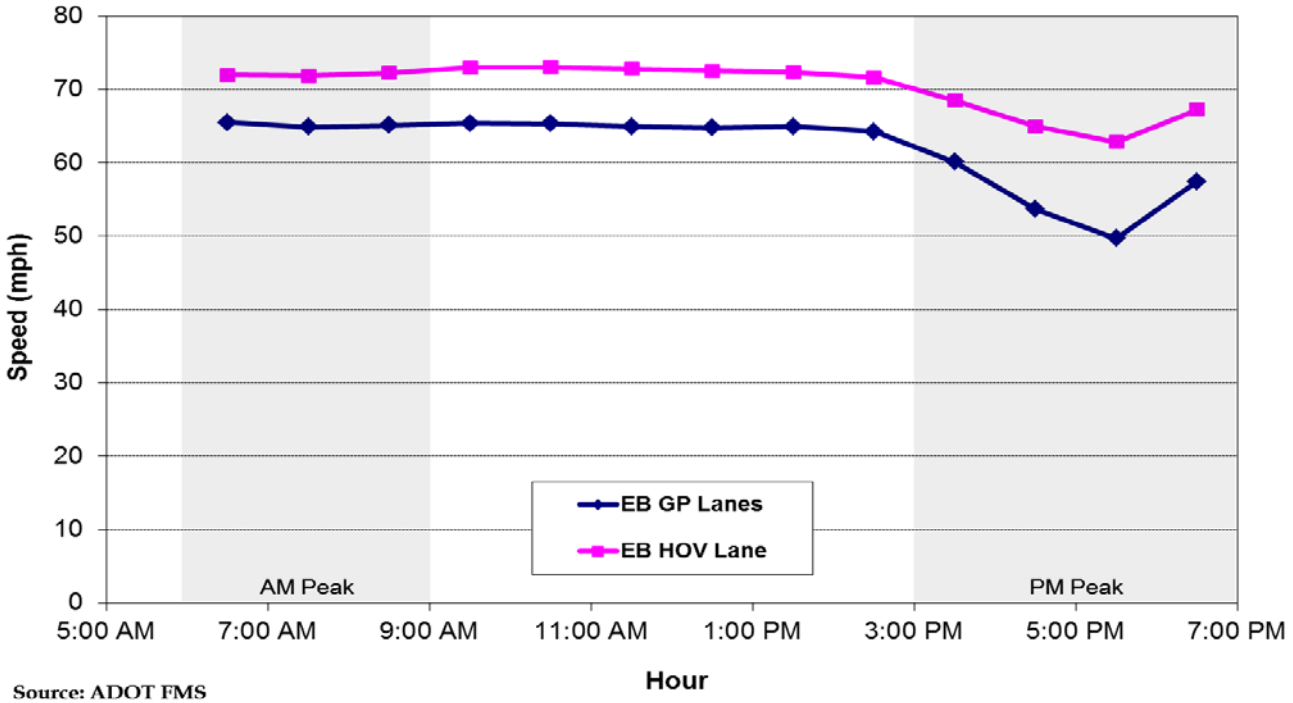
I-10 Maricopa Westbound: US-60 to SR-51



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor D

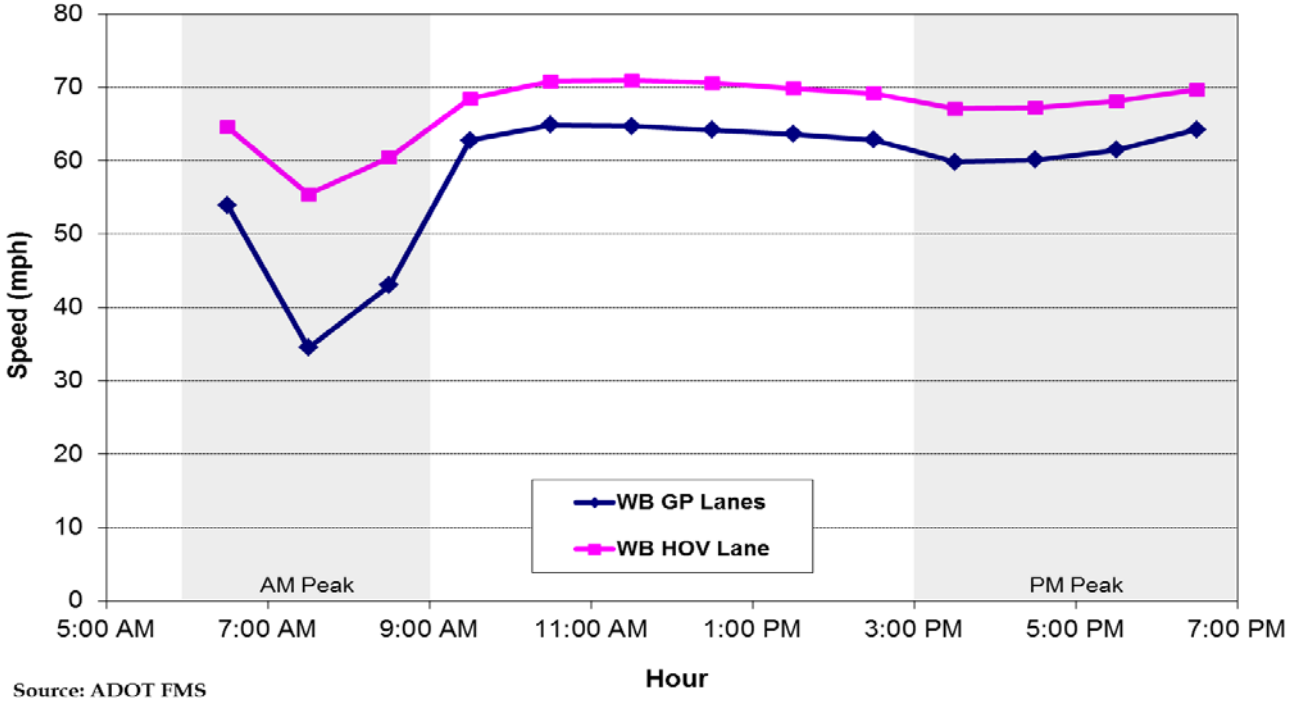
I-10 Maricopa Eastbound: US-60 to Chandler Boulevard



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor D

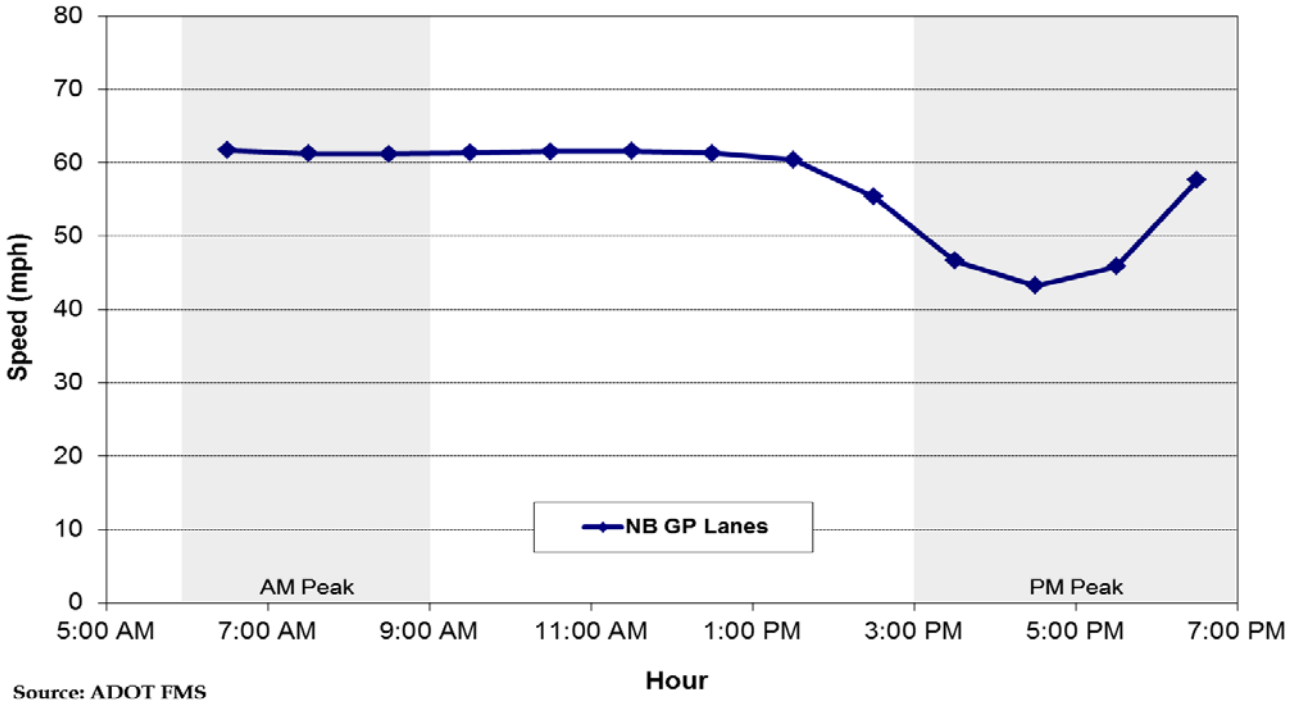
I-10 Maricopa Westbound: Chandler Boulevard to US-60



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor E

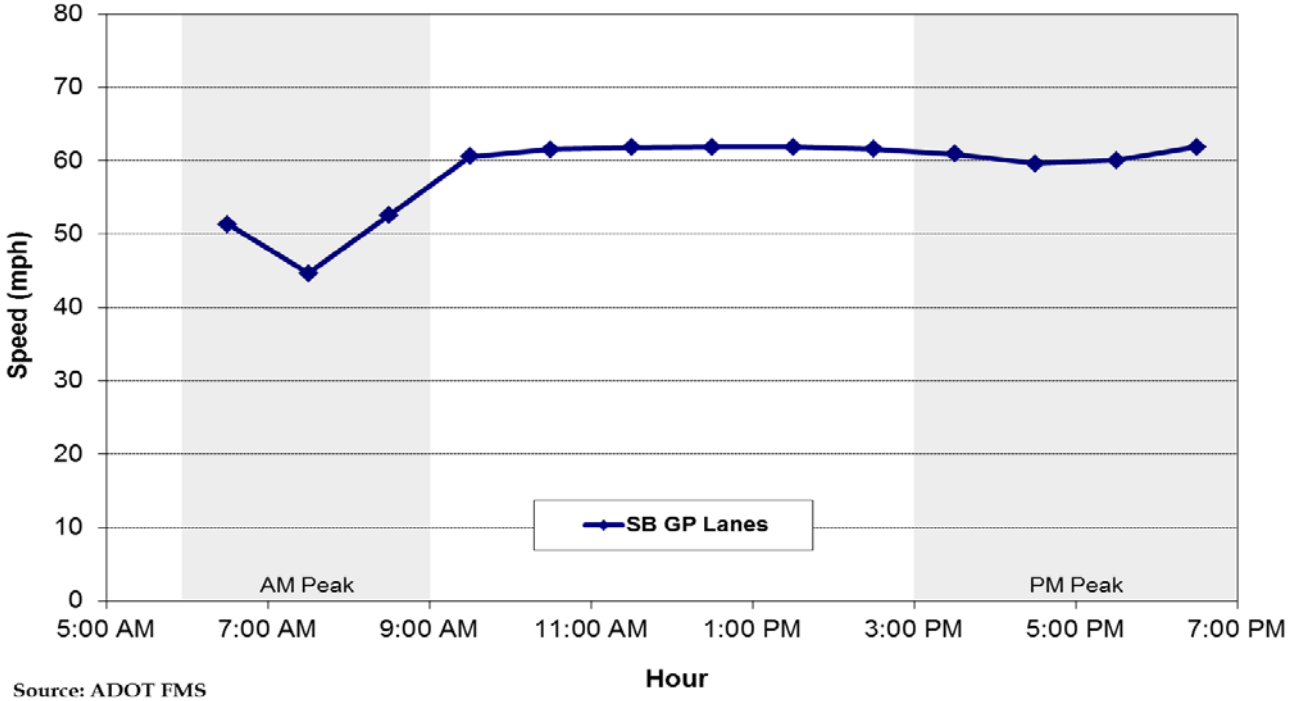
I-17 Northbound: I-10 Maricopa TI to I-10 Papago Freeway



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor E

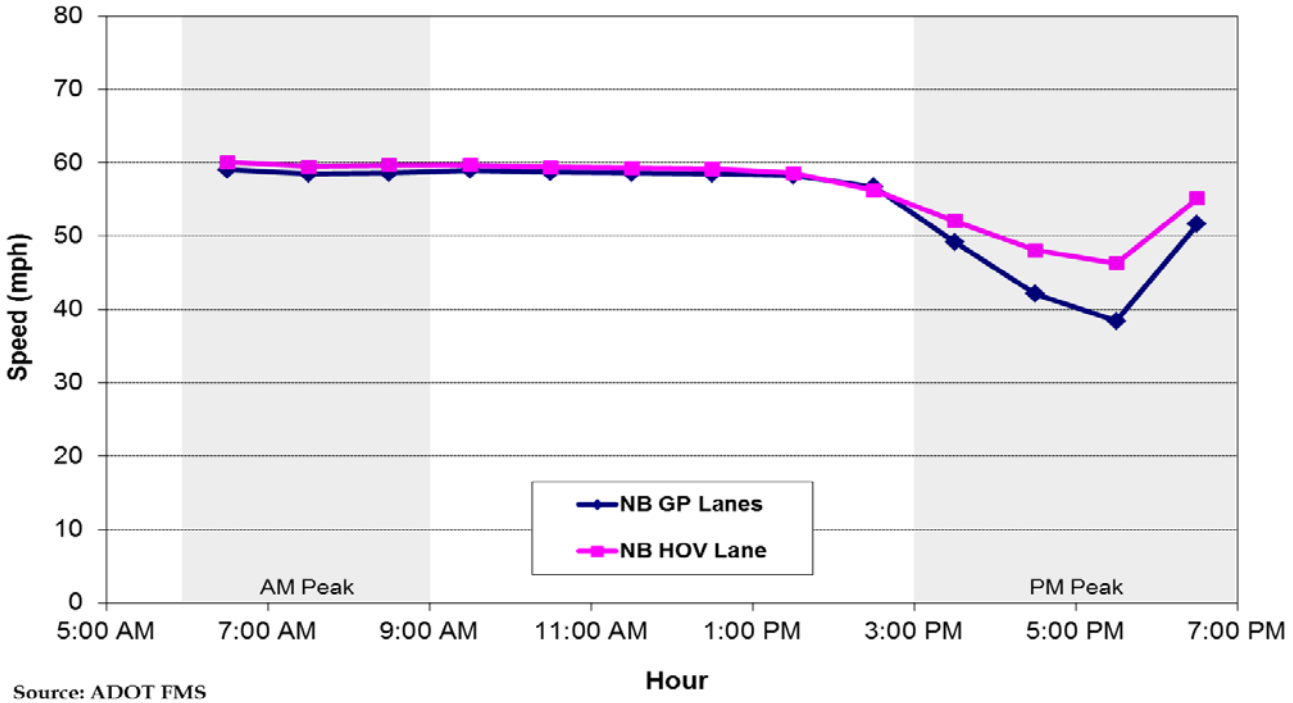
I-17 Southbound: I-10 Papago Freeway to Maricopa TI



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor F

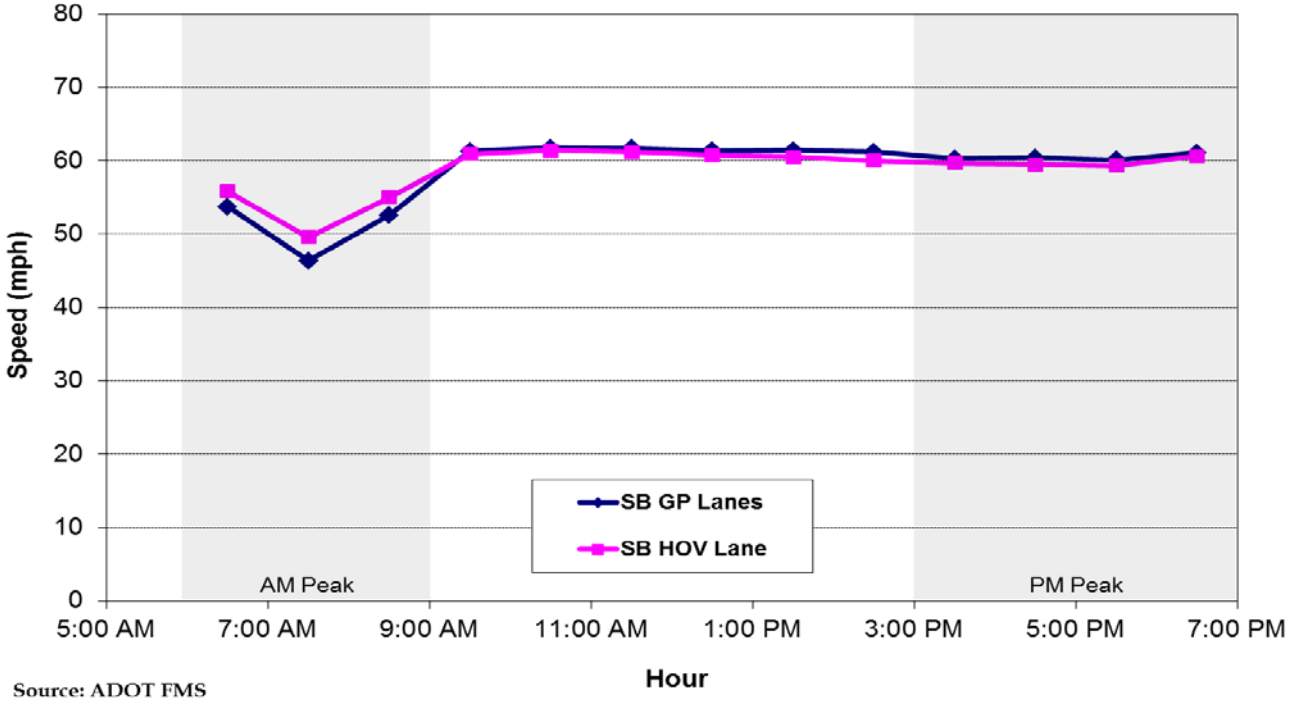
I-17 Northbound: I-10 Papago Freeway to Peoria Avenue



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor F

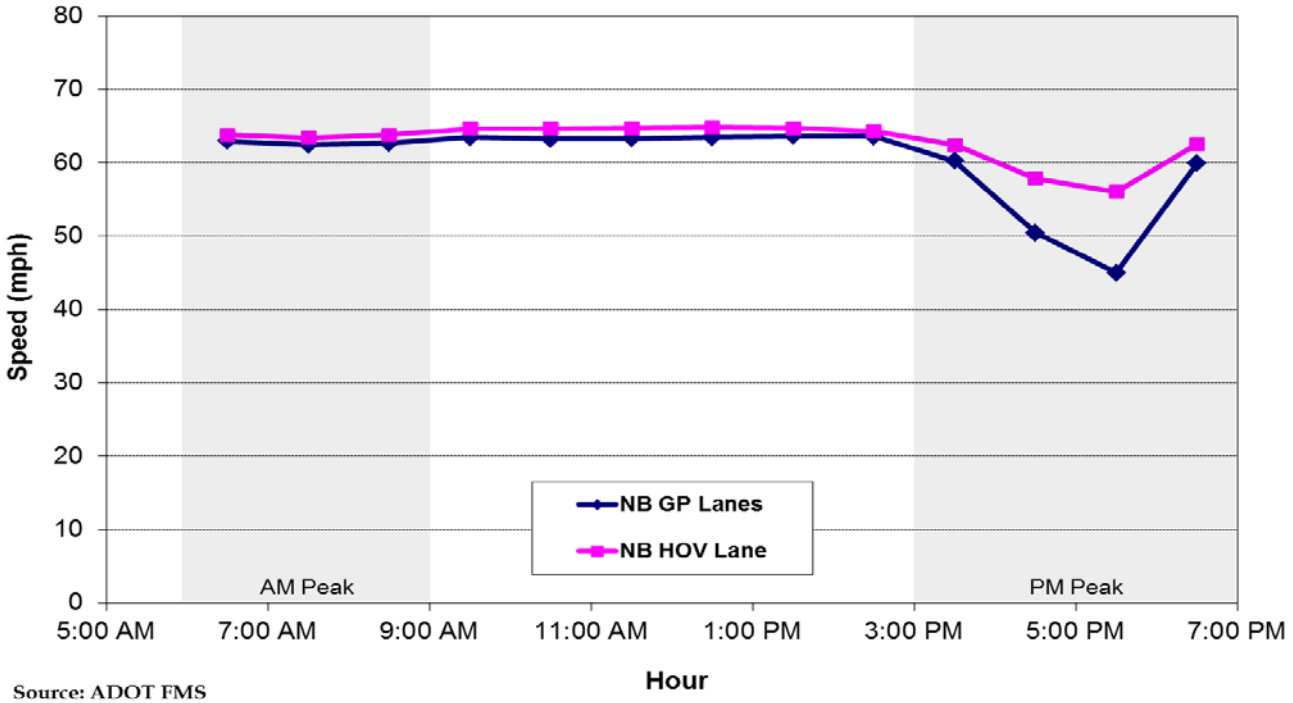
I-17 Southbound: Peoria Avenue to I-10 Papago Freeway



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor G

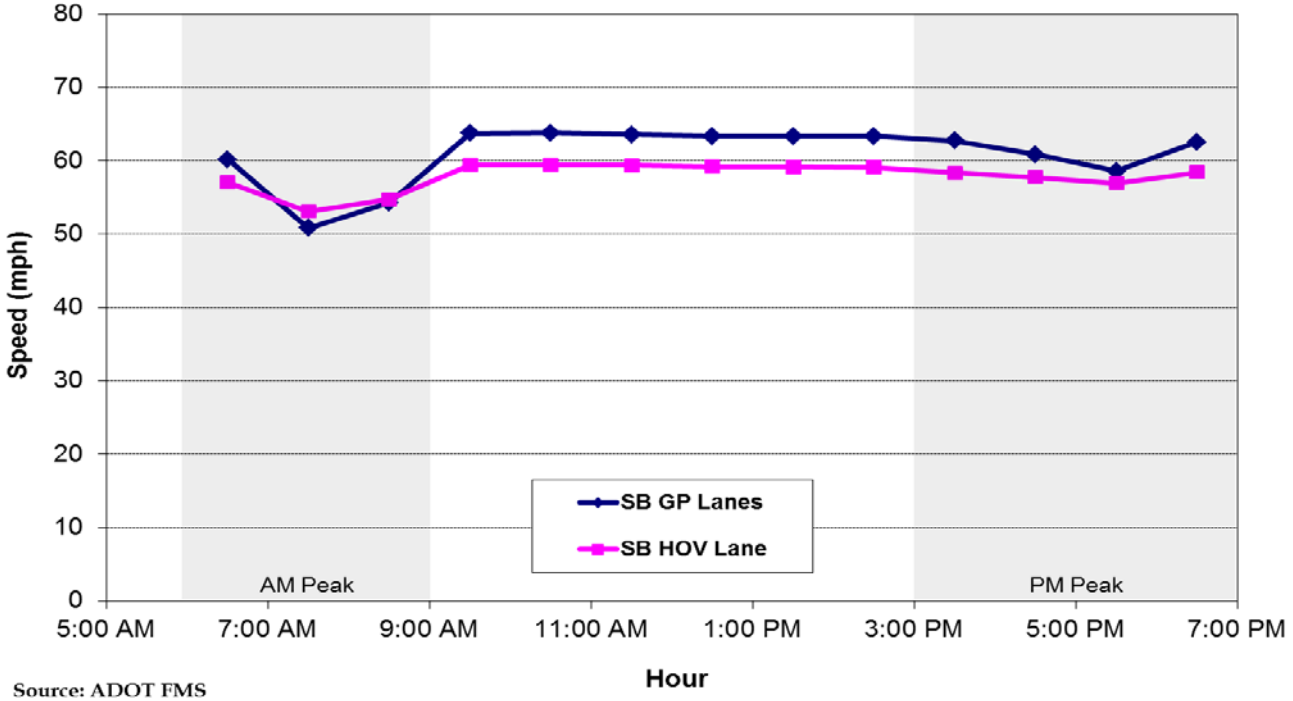
SR-51 Northbound: I-10 Papago Freeway to Glendale Avenue



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor G

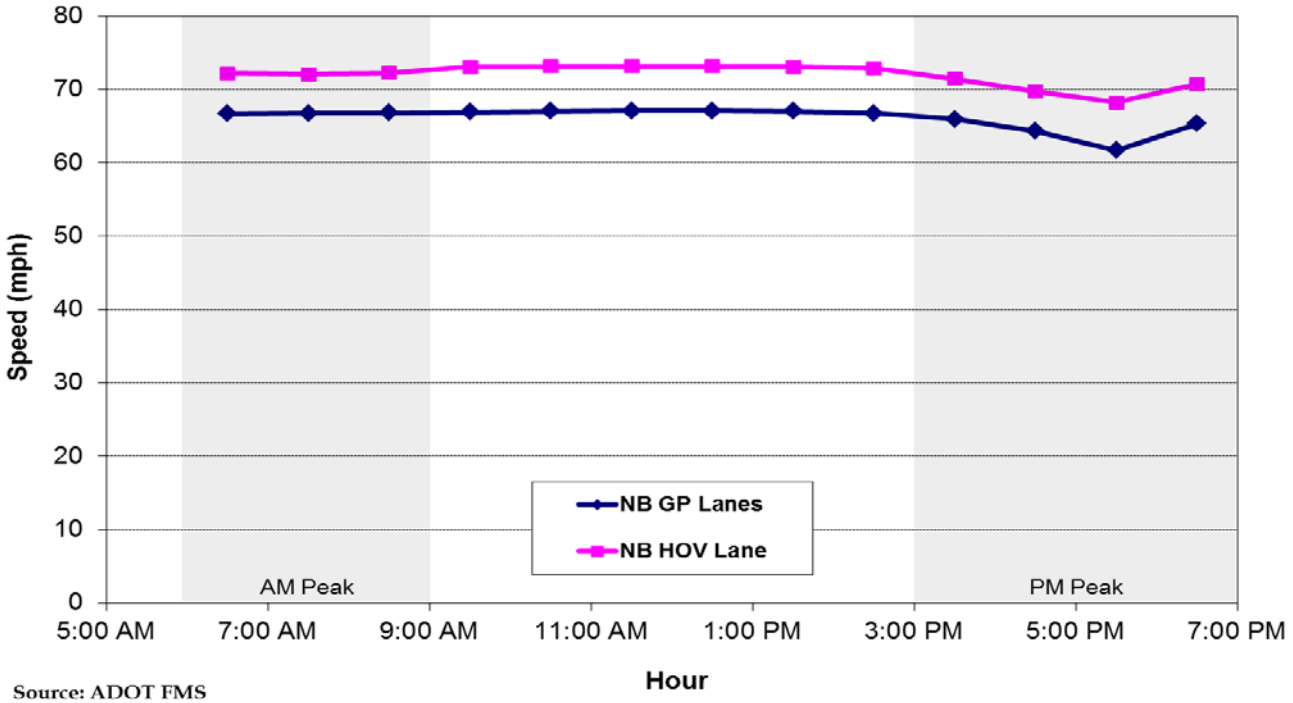
SR-51 Southbound: Glendale Avenue to I-10 Papago Freeway



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor H

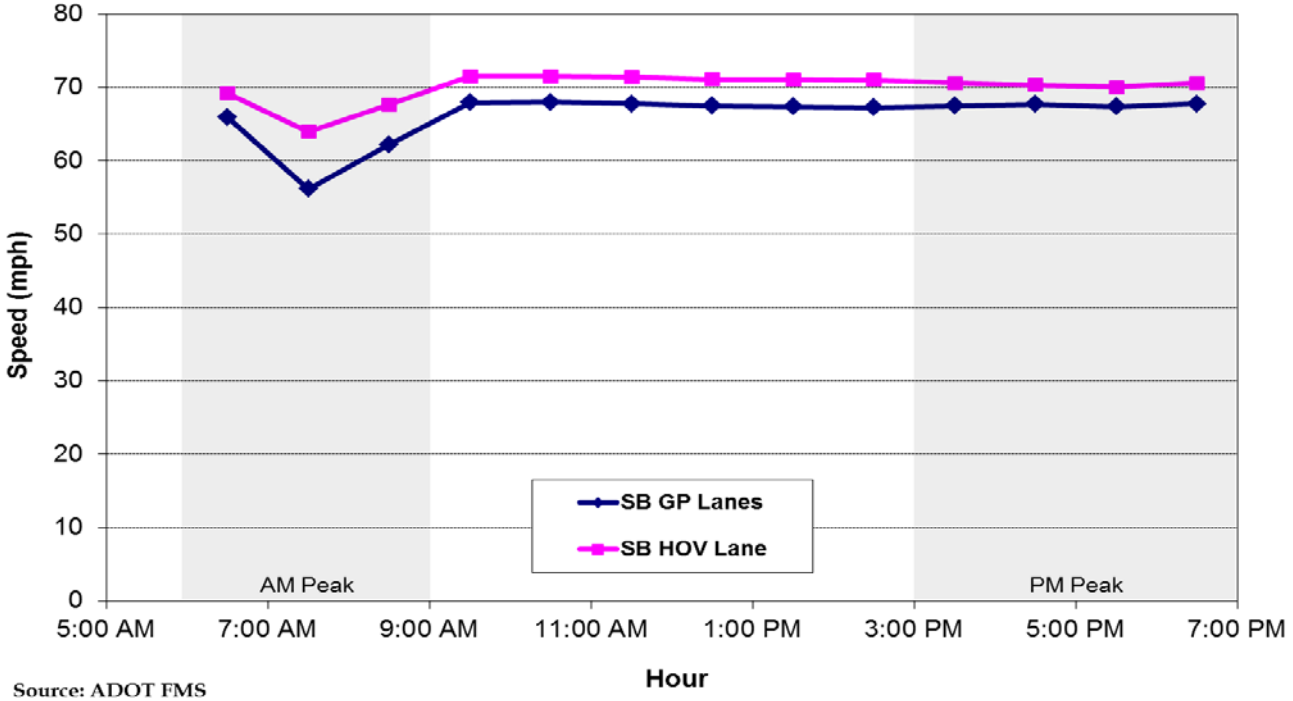
SR51 Northbound: Glendale Avenue to Bell Road



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor H

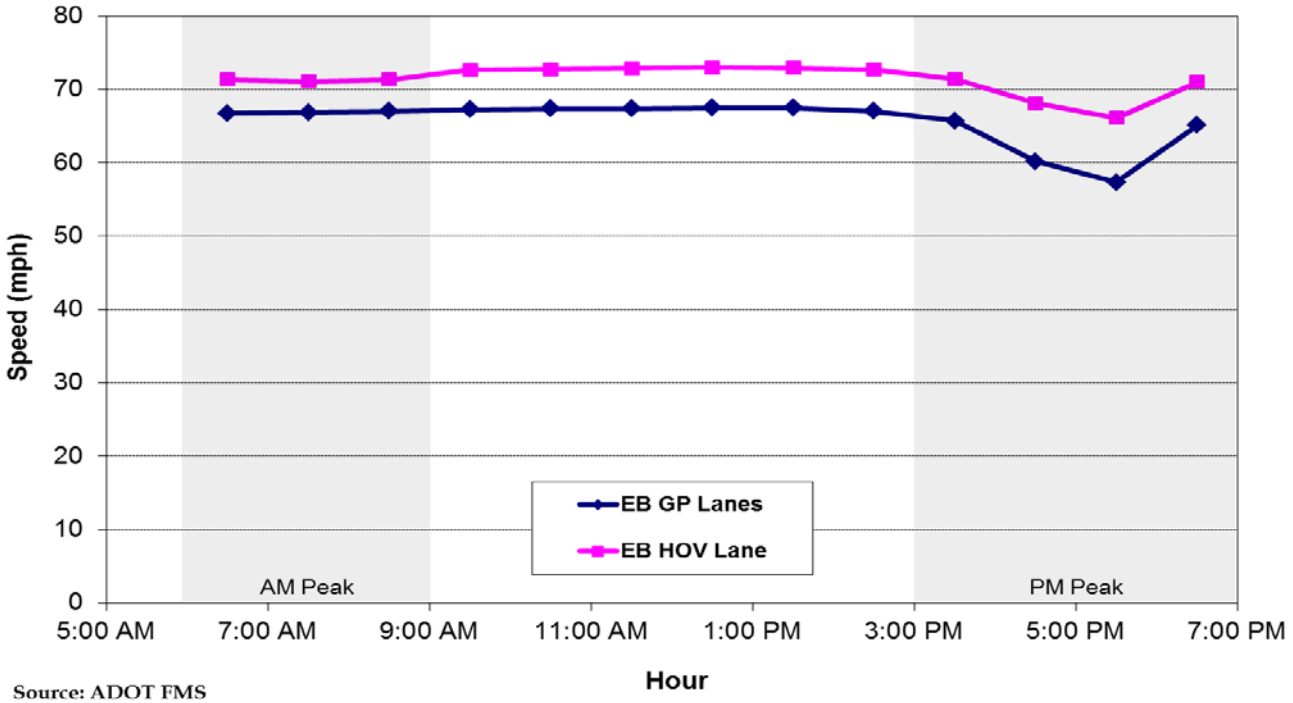
SR51 Southbound: Bell Road to Glendale Avenue



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor I

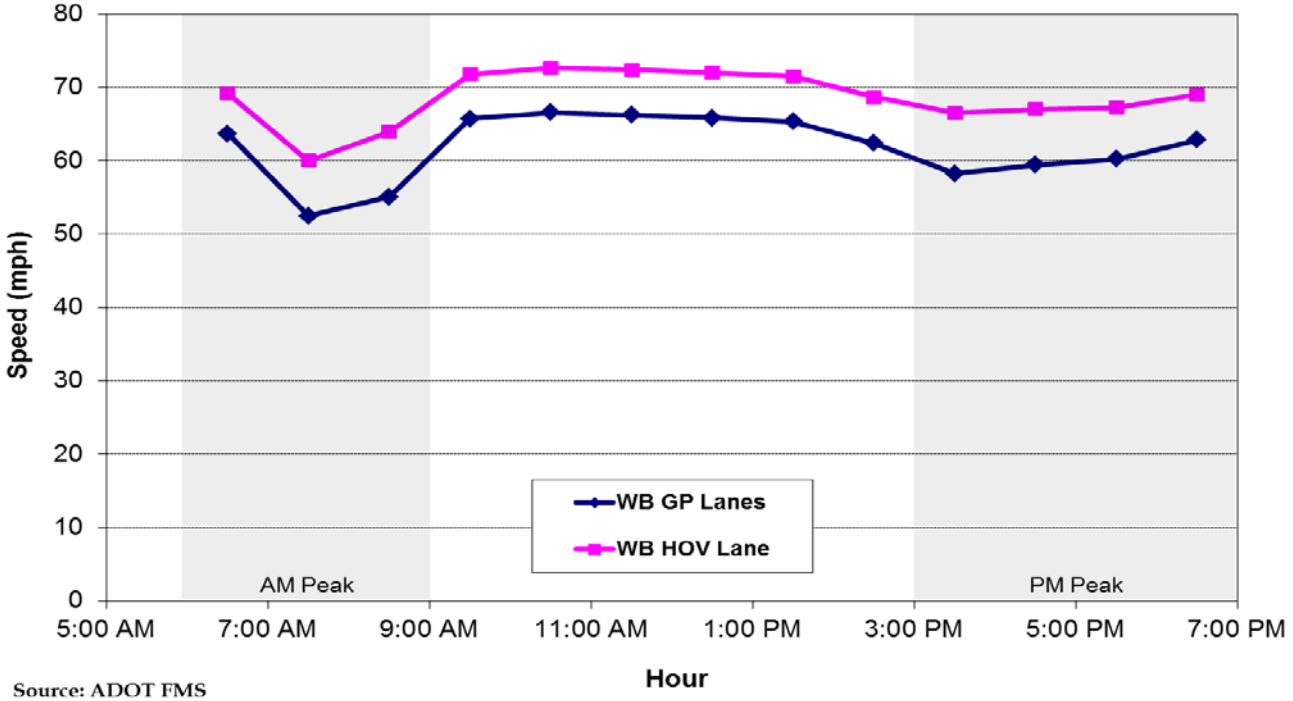
Loop 202 Eastbound: I-10/SR51 to Loop 101



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor I

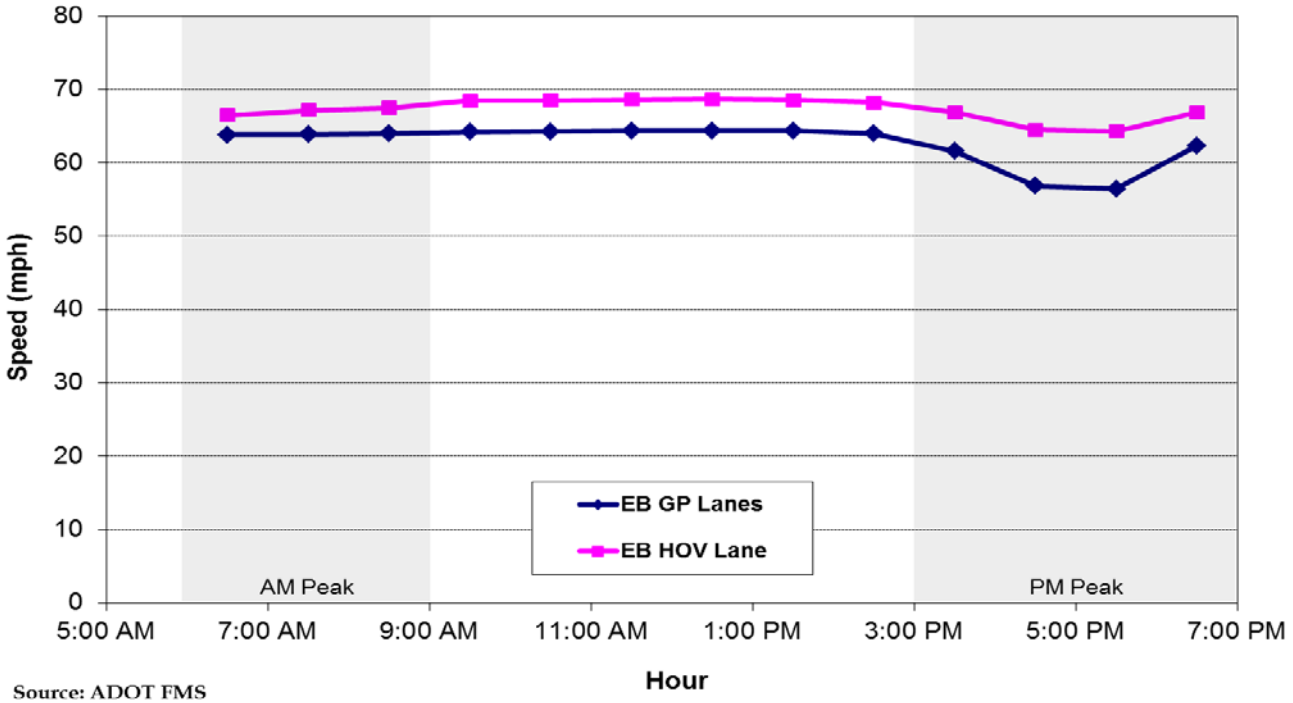
Loop 202 Westbound: Loop 101 to I-10/SR51



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor J

US-60 Eastbound: I-10 to Loop 101

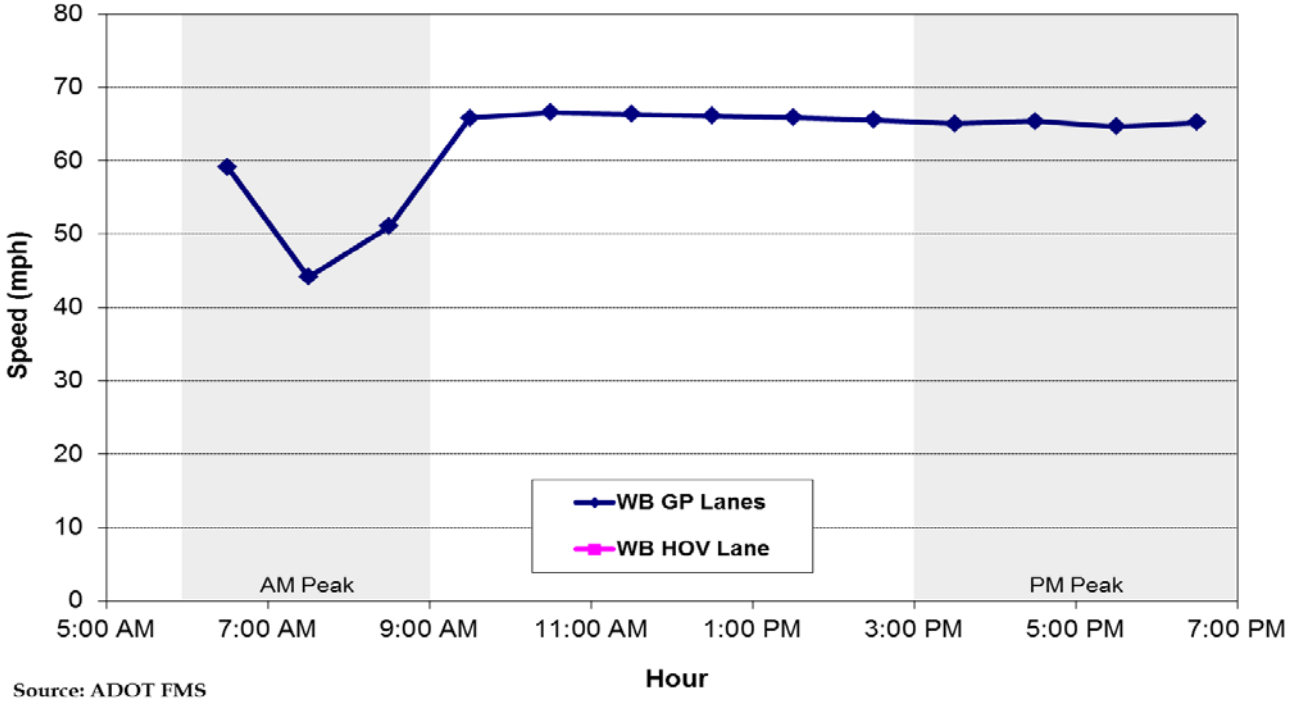


Source: ADOT FMS

HOV speed not valid

Hourly Average Speeds (2013) Corridor J

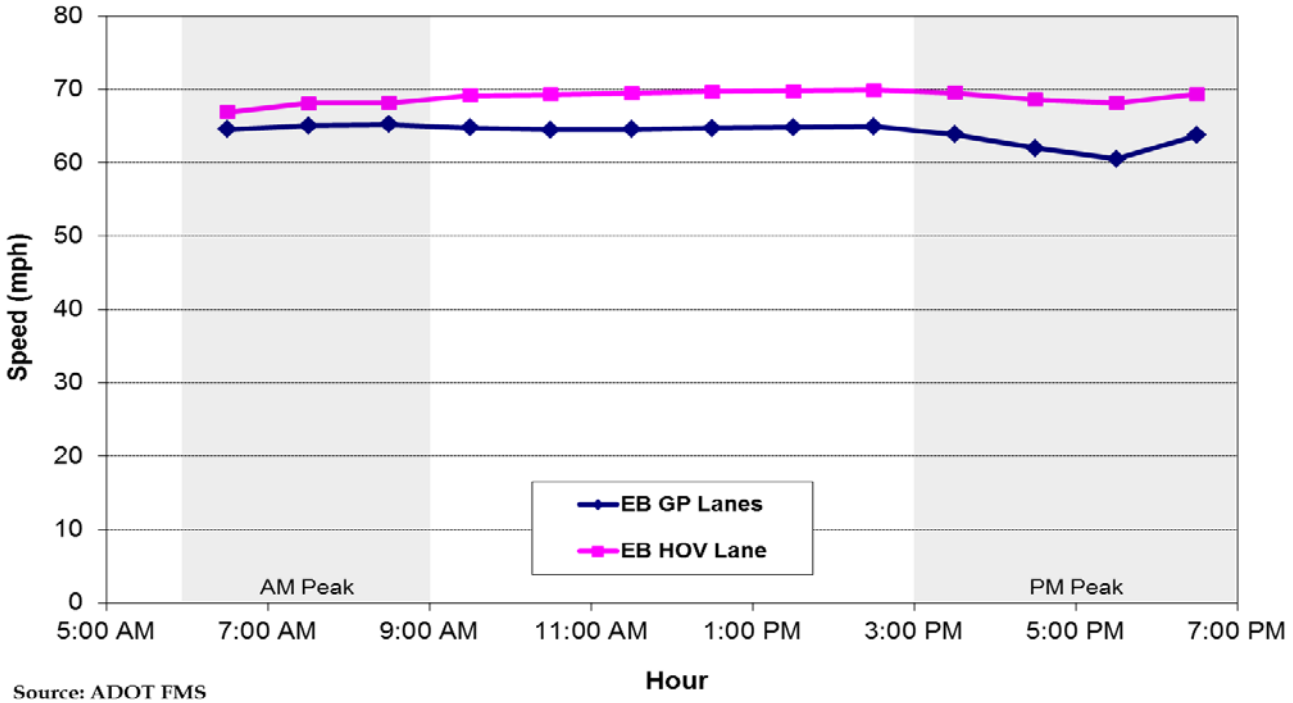
US-60 Westbound: Loop 101 to I-10



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor K

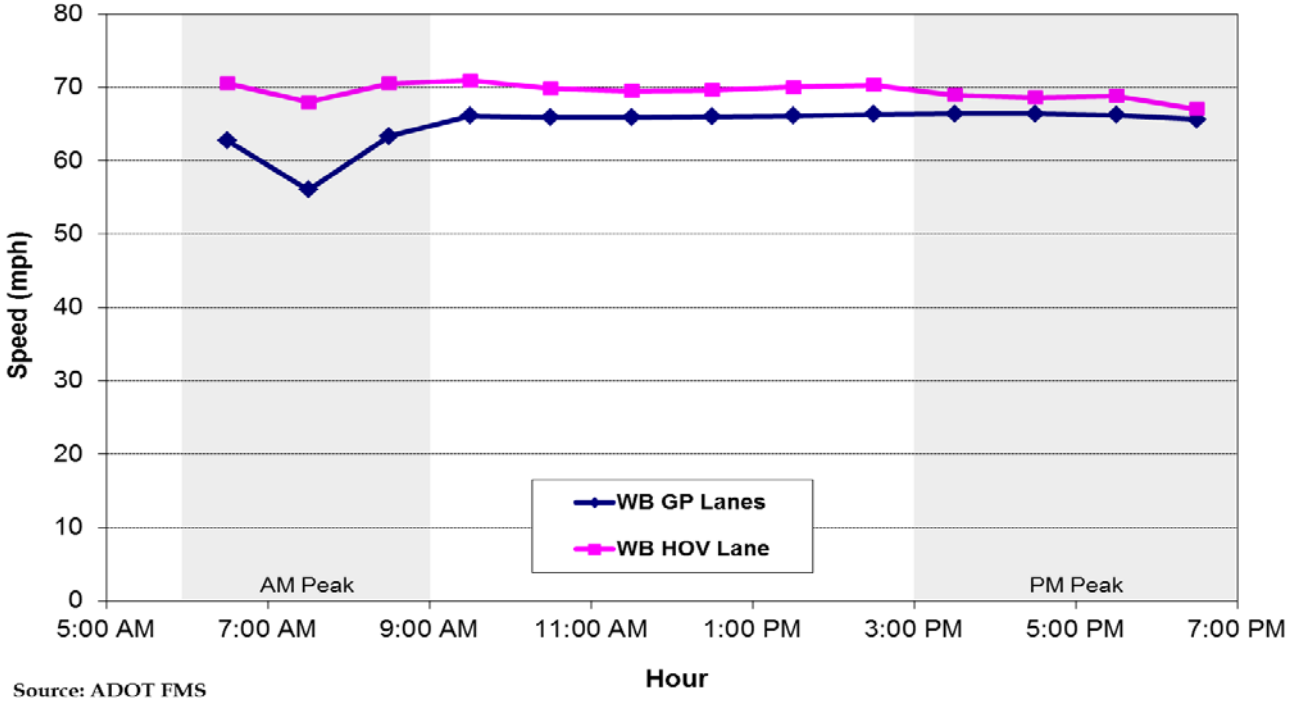
US-60 Eastbound: Loop 101 to Val Vista Drive



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor K

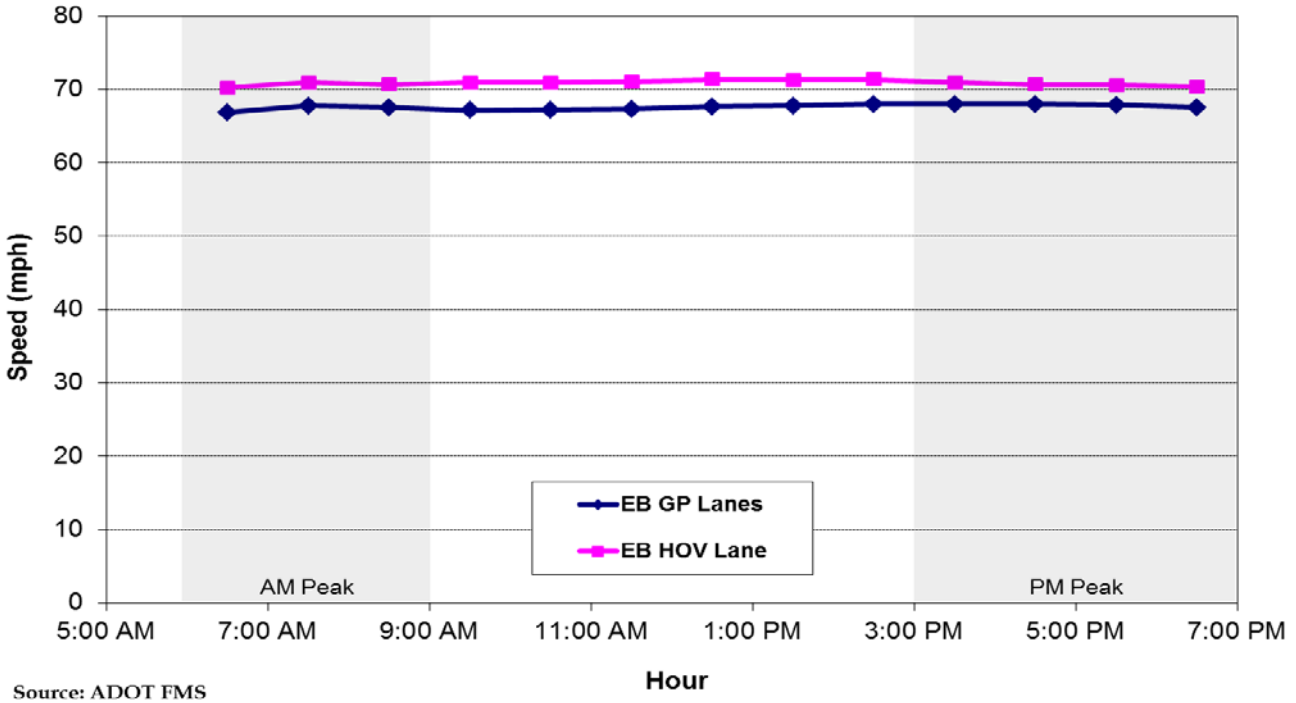
US-60 Westbound: Val Vista Drive to Loop 101



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor L

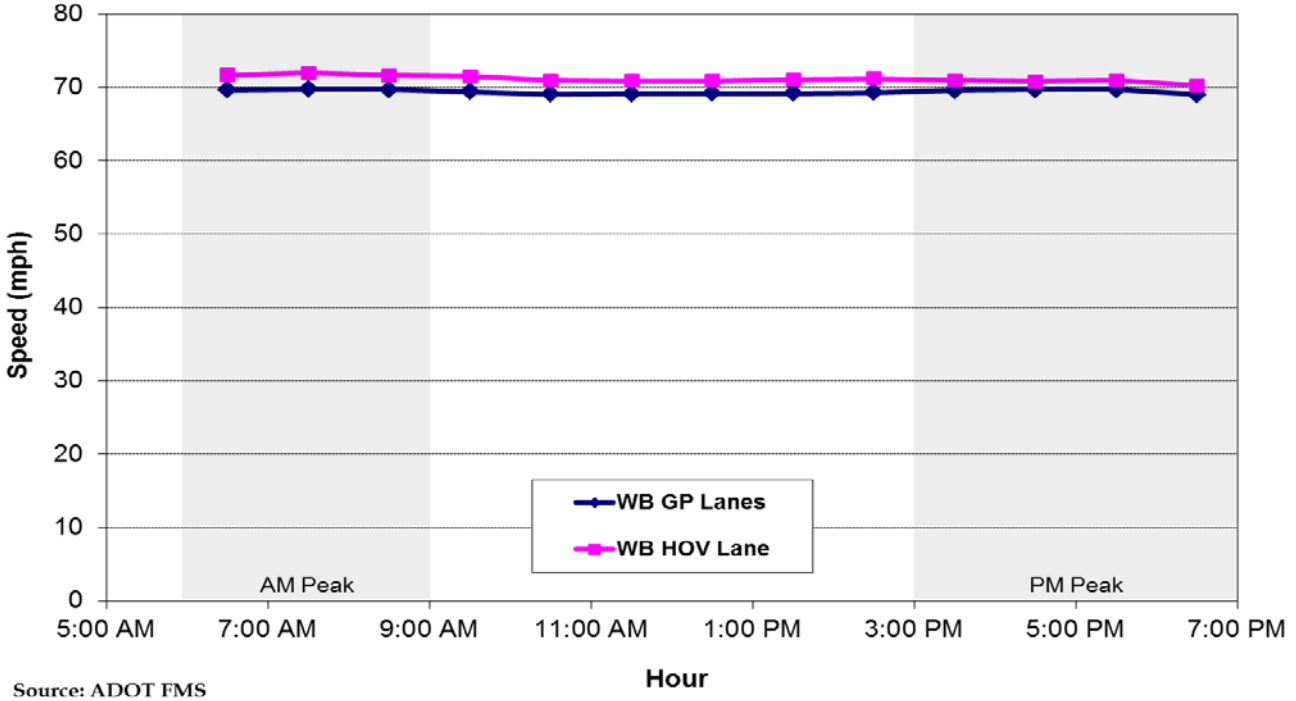
US-60 Eastbound: Val Vista Drive to Loop 202 Redtan Interchange



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor L

US-60 Westbound: Loop 202 Redtan Interchange to Val Vista Drive



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor M

SR-143 Northbound: I-10 Maricopa Freeway to Loop 202

INSUFFICIENT QUALITY OR
NOT AVAILABLE DATA

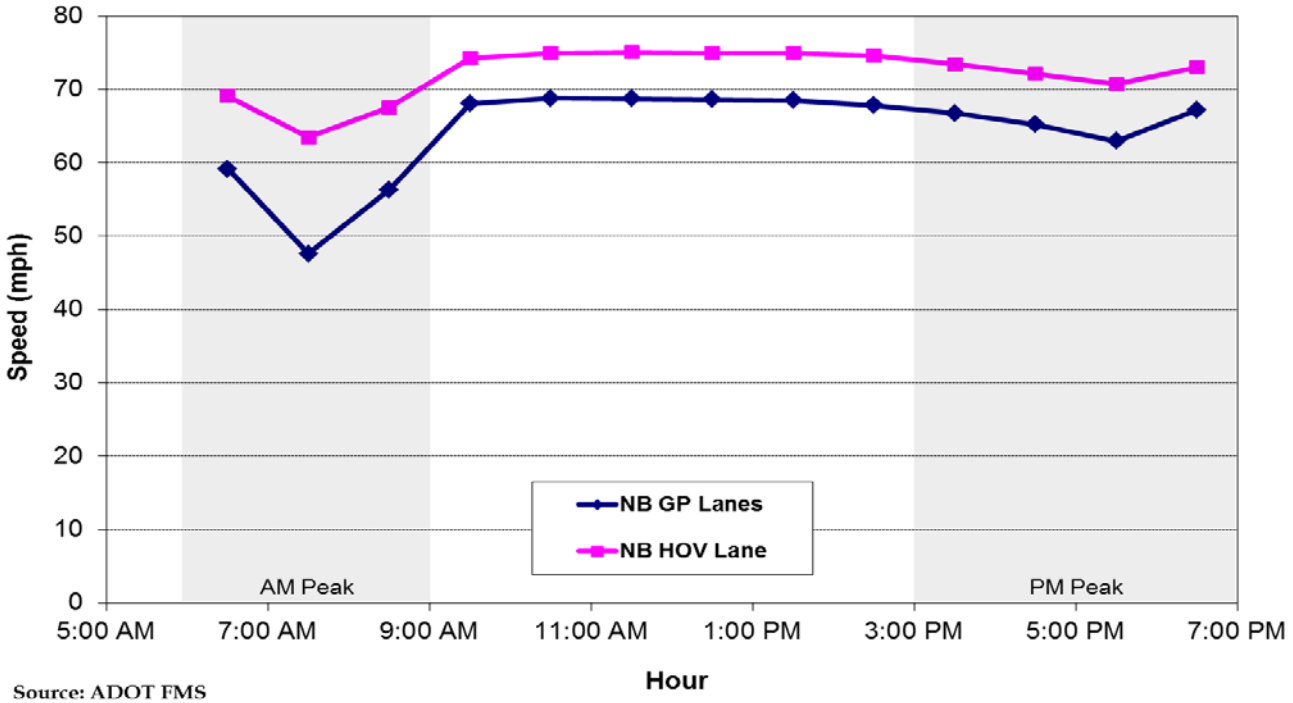
Hourly Average Speeds (2013) Corridor M

SR-143 Southbound: I-10 Maricopa Freeway to Loop 202

INSUFFICIENT QUALITY OR
NOT AVAILABLE DATA

Hourly Average Speeds (2013) Corridor N

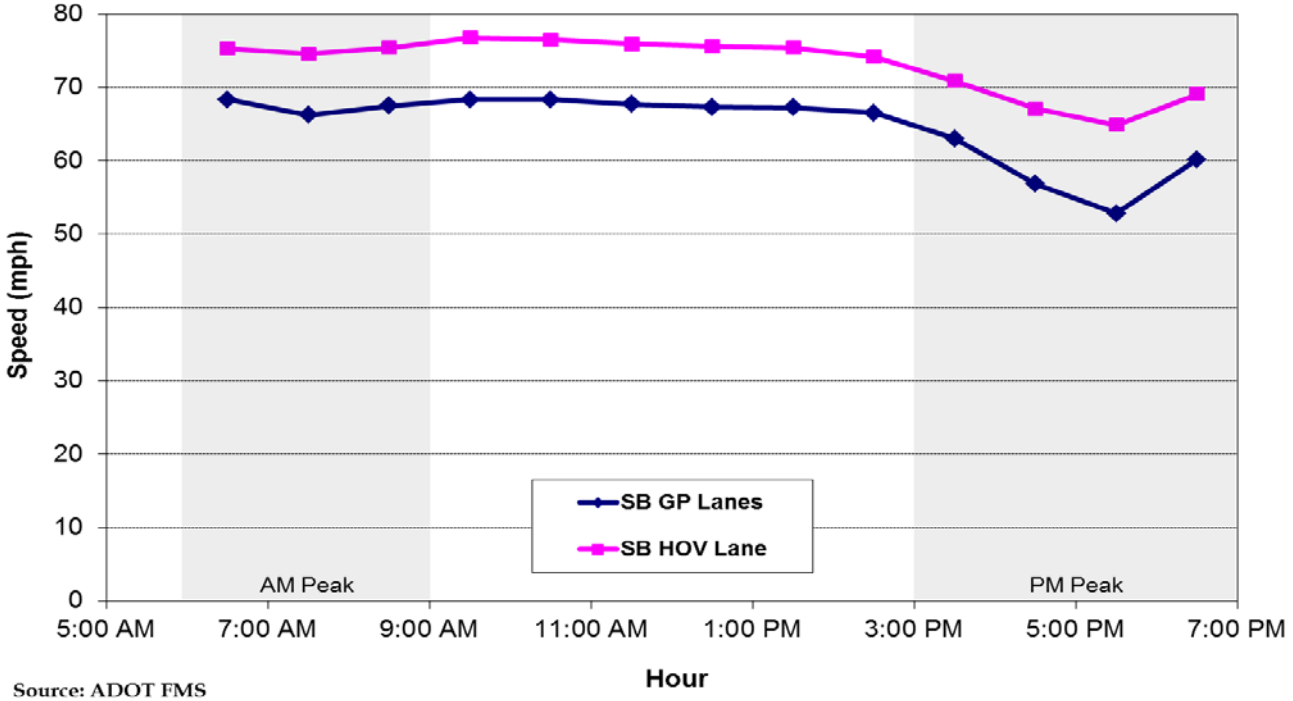
Loop 101 Northbound: Loop 202 Santan to US-60



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor N

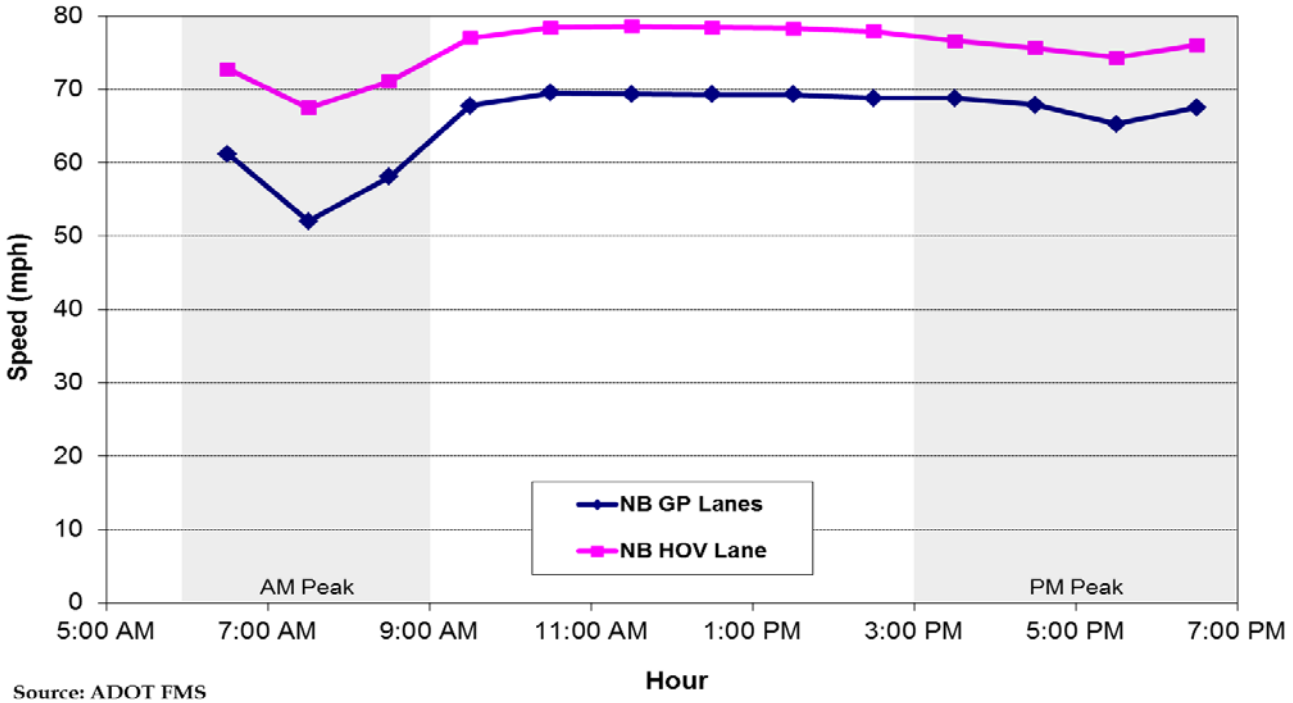
Loop 101 Southbound: US-60 to Loop 202 Santan



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor O

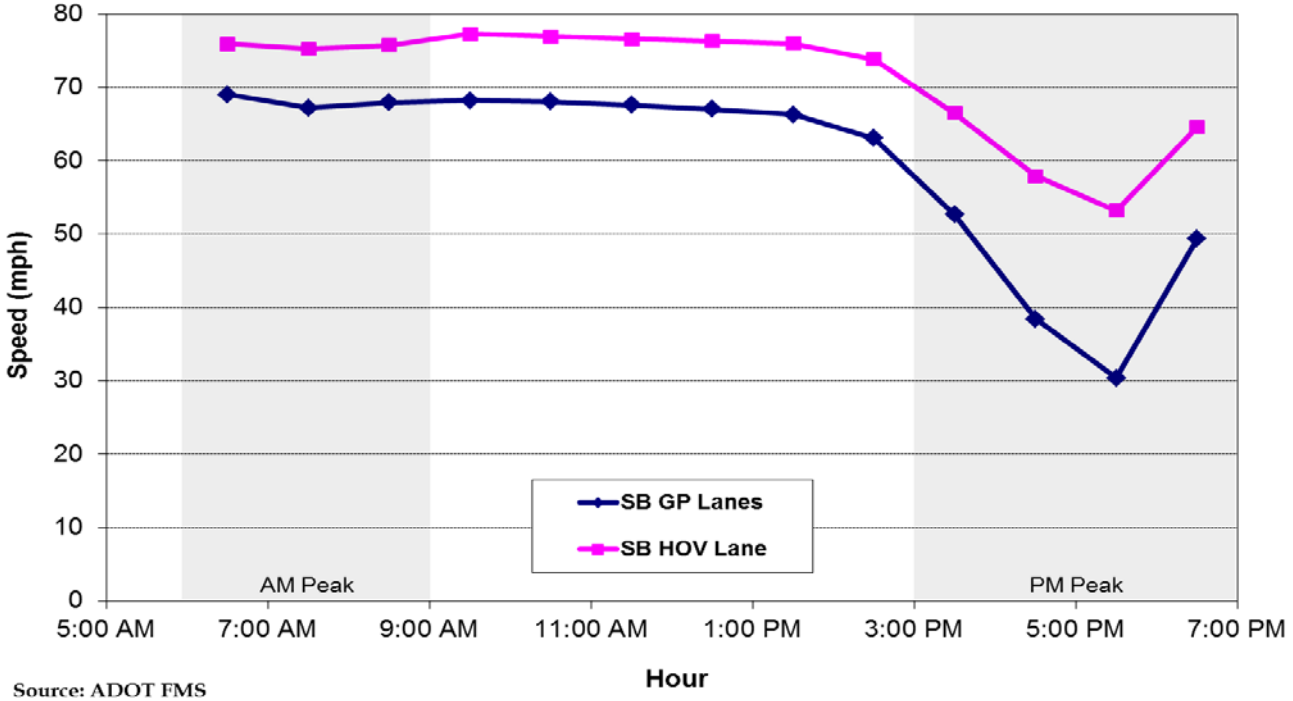
Loop 101 Northbound: US-60 to Loop 202 Red Mountain



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor O

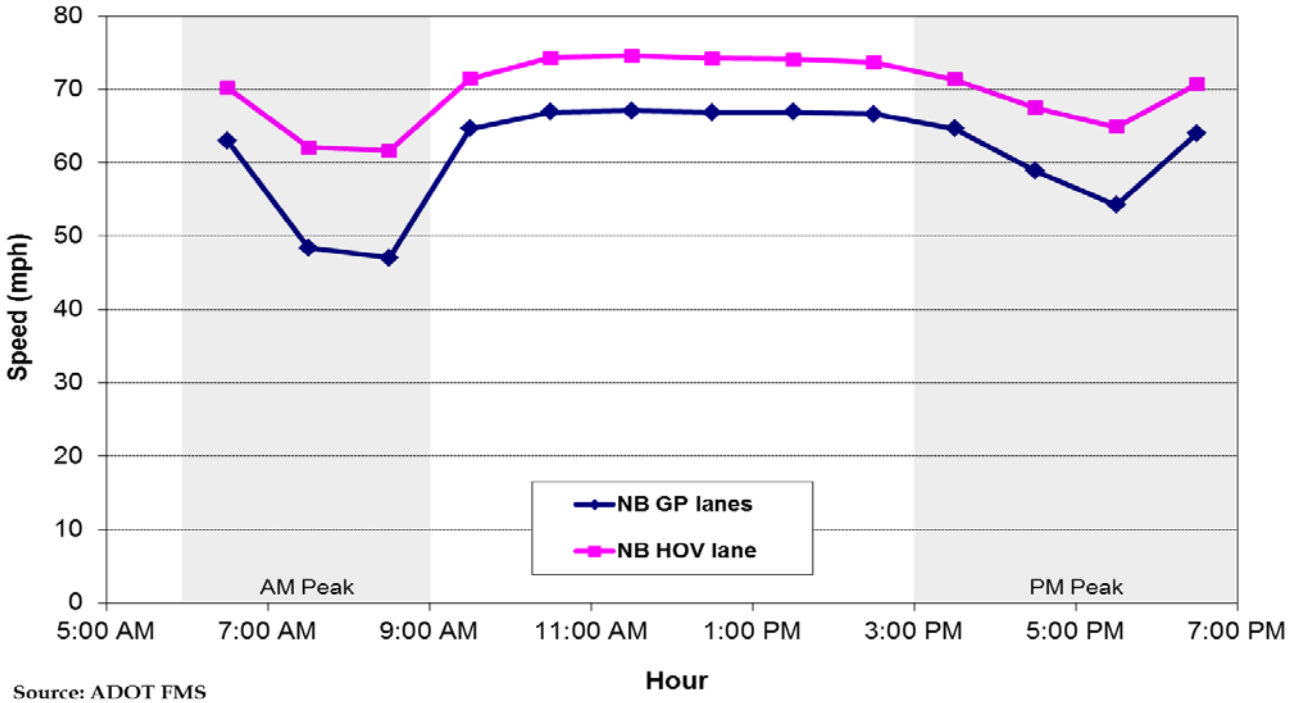
Loop 101 Southbound: Loop 202 Red Mountain to US-60



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor P

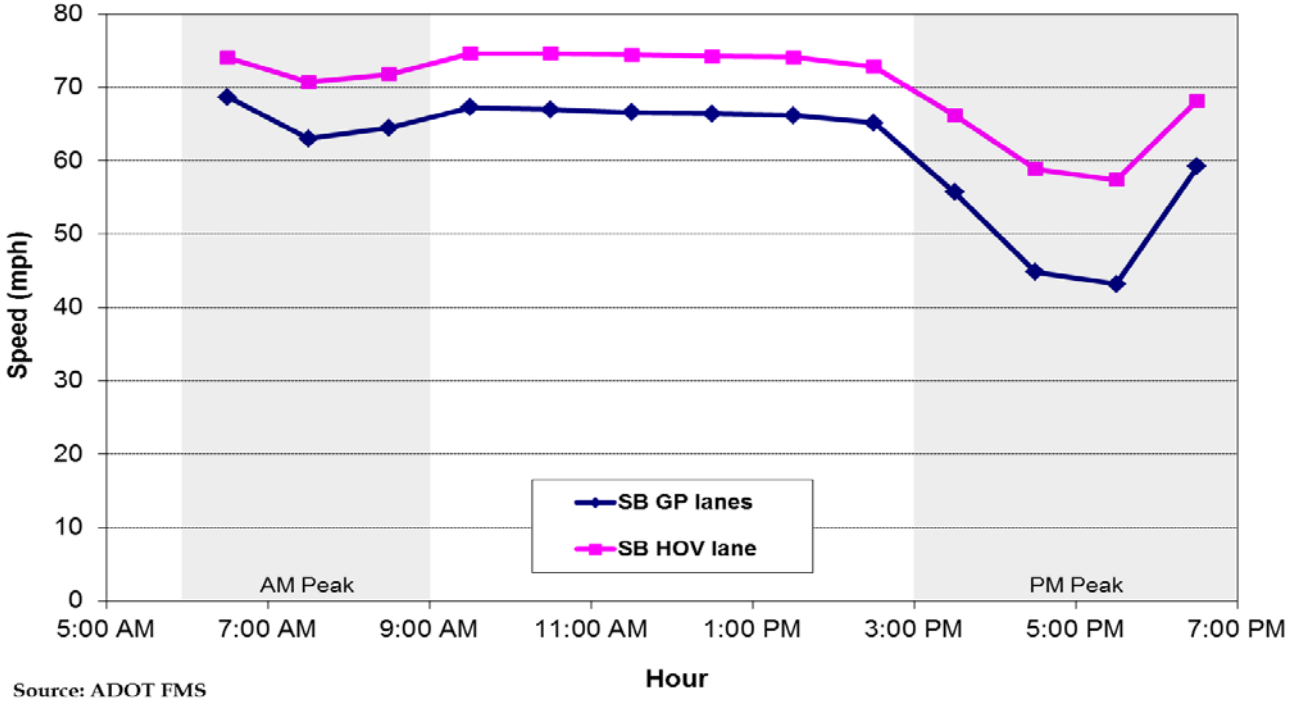
Loop 101 Northbound: Loop 202 Red Mountain to 90th Street



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor P

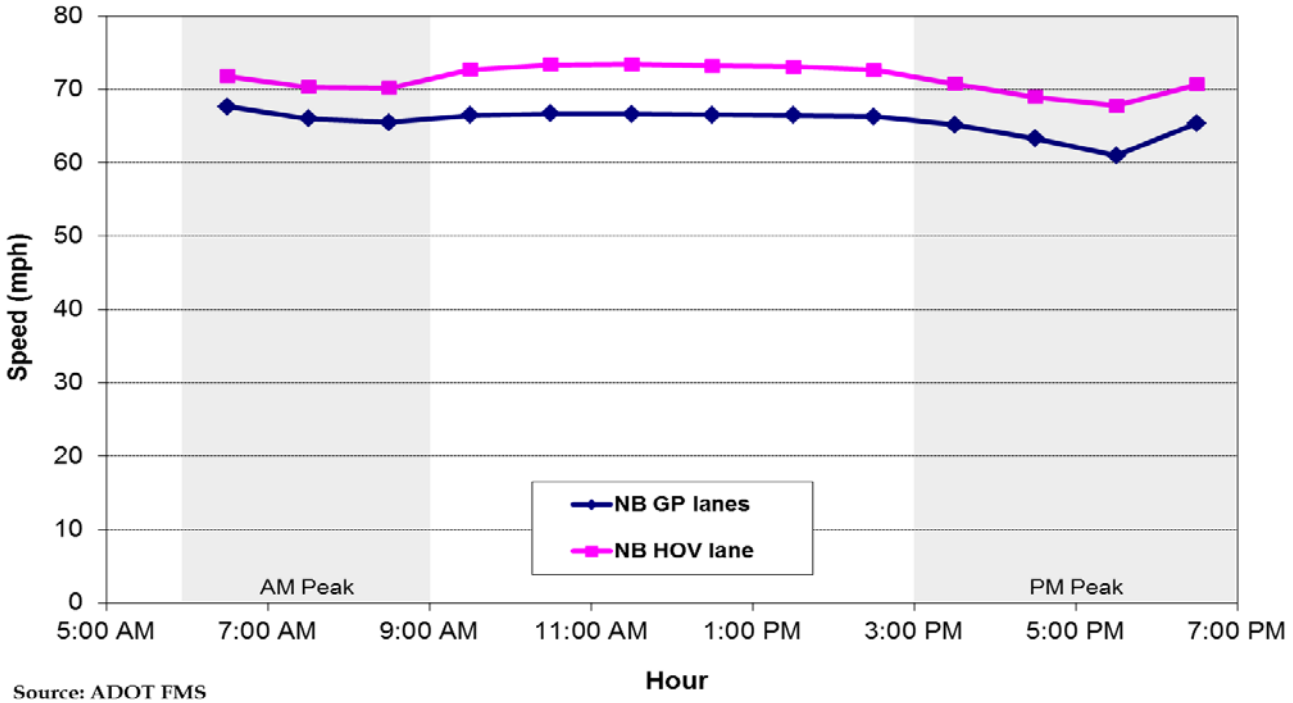
Loop 101 Southbound: 90th Street to Loop 202 Red Mountain



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor Q

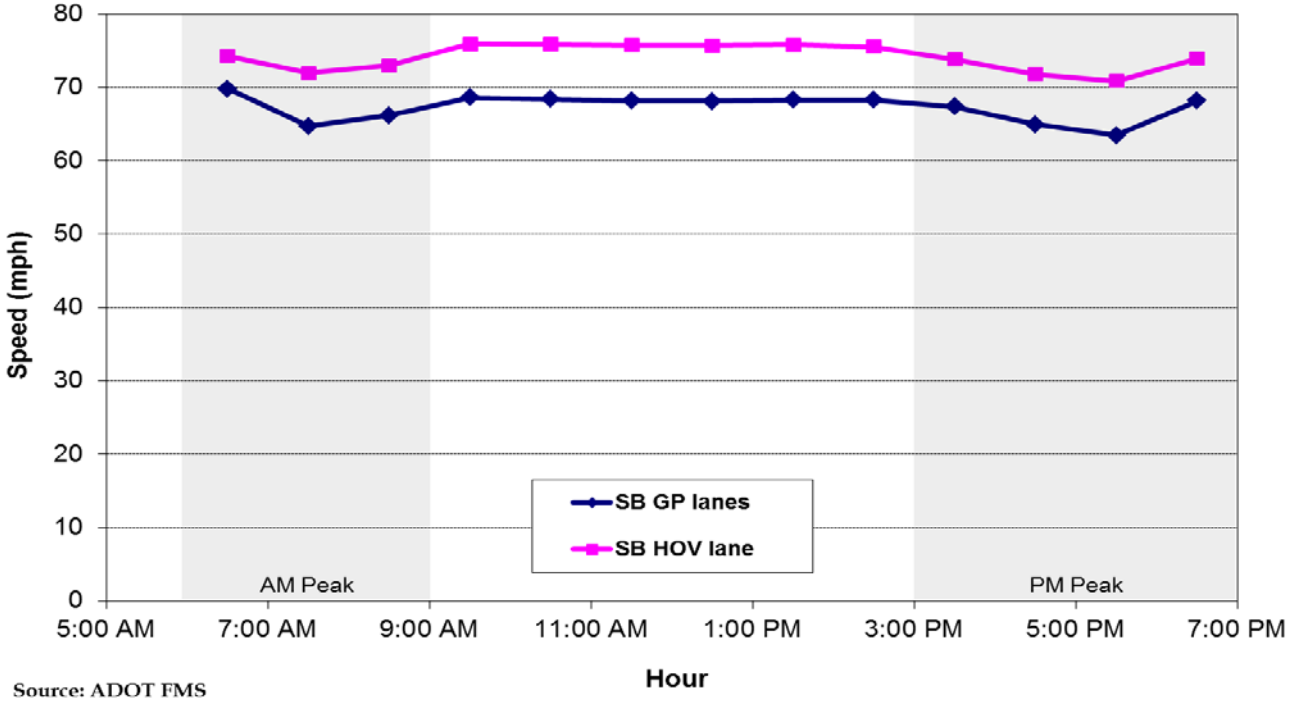
Loop 101 Northbound: 90th Street to Pima Road/Princess Drive



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor Q

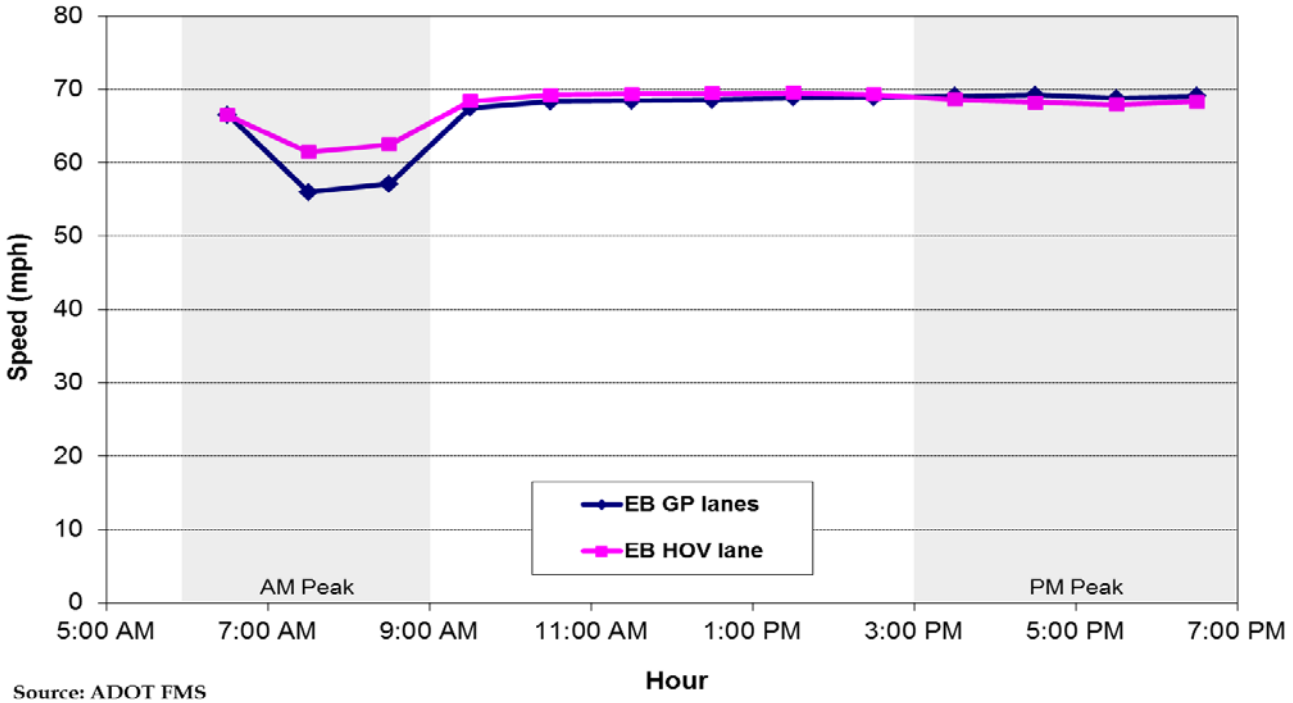
Loop 101 Southbound: Pima Road/Princess Drive to 90th Street



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor R

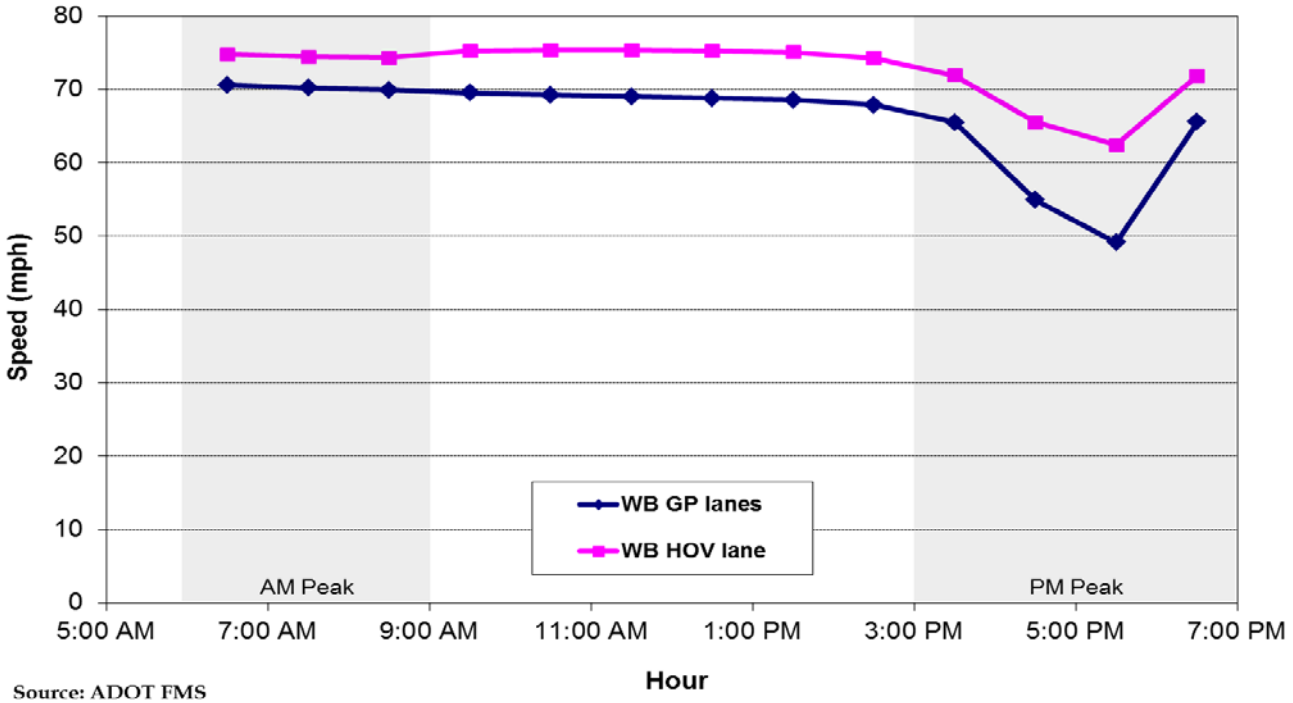
Loop 101 Eastbound: SR-51 to Pima Road/Princess Dr



Source: ADOT FMS

Hourly Average Speeds (2013) Corridor R

Loop 101 Westbound: Pima Road/Princess Drive to SR-51

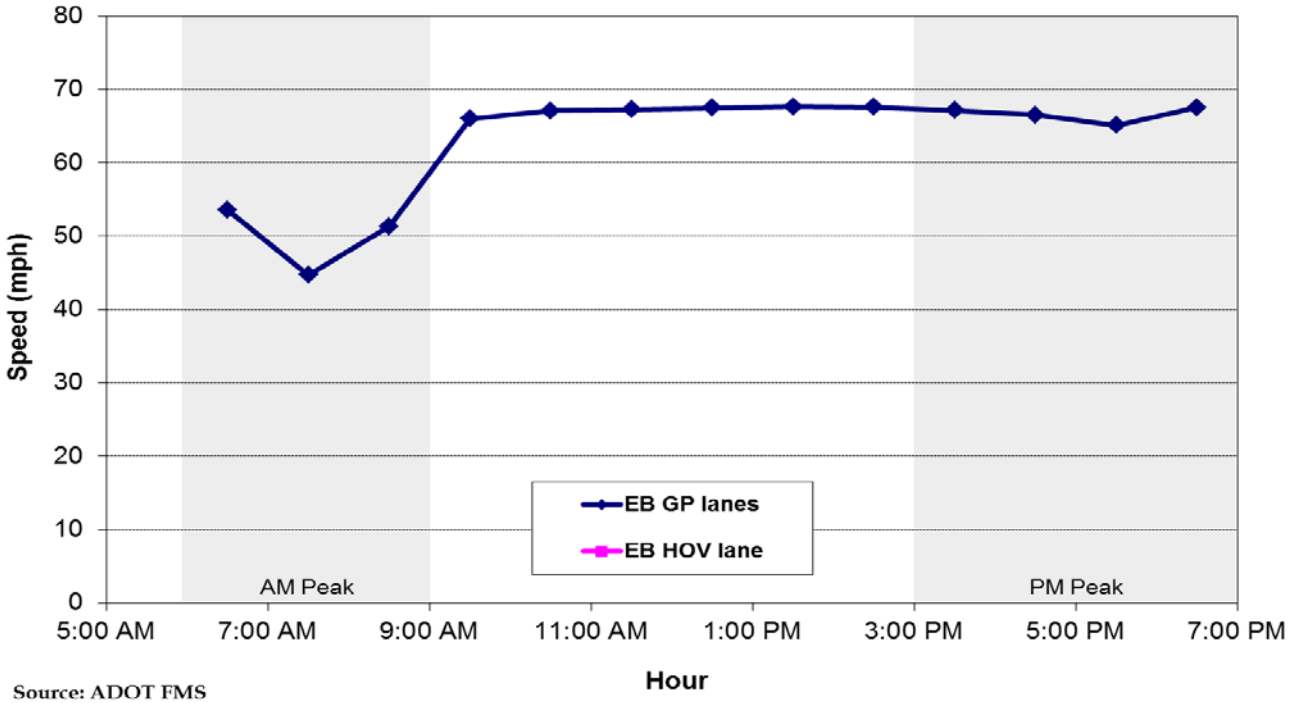


Source: ADOT FMS

HOV speed not valid

Hourly Average Speeds (2013) Corridor S

Loop 101 Eastbound: I-17 to SR-51

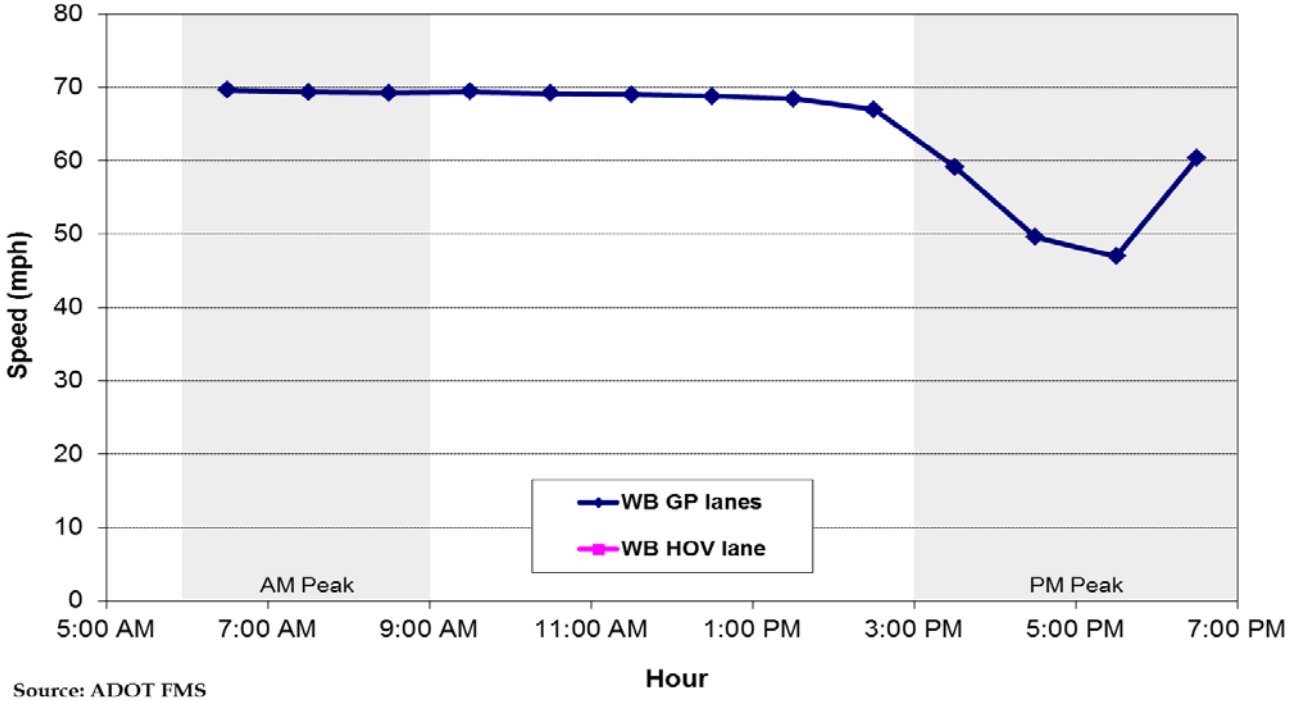


Source: ADOT FMS

HOV speed not valid

Hourly Average Speeds (2013) Corridor S

Loop 101 Westbound: SR-51 to I-17



Source: ADOT FMS