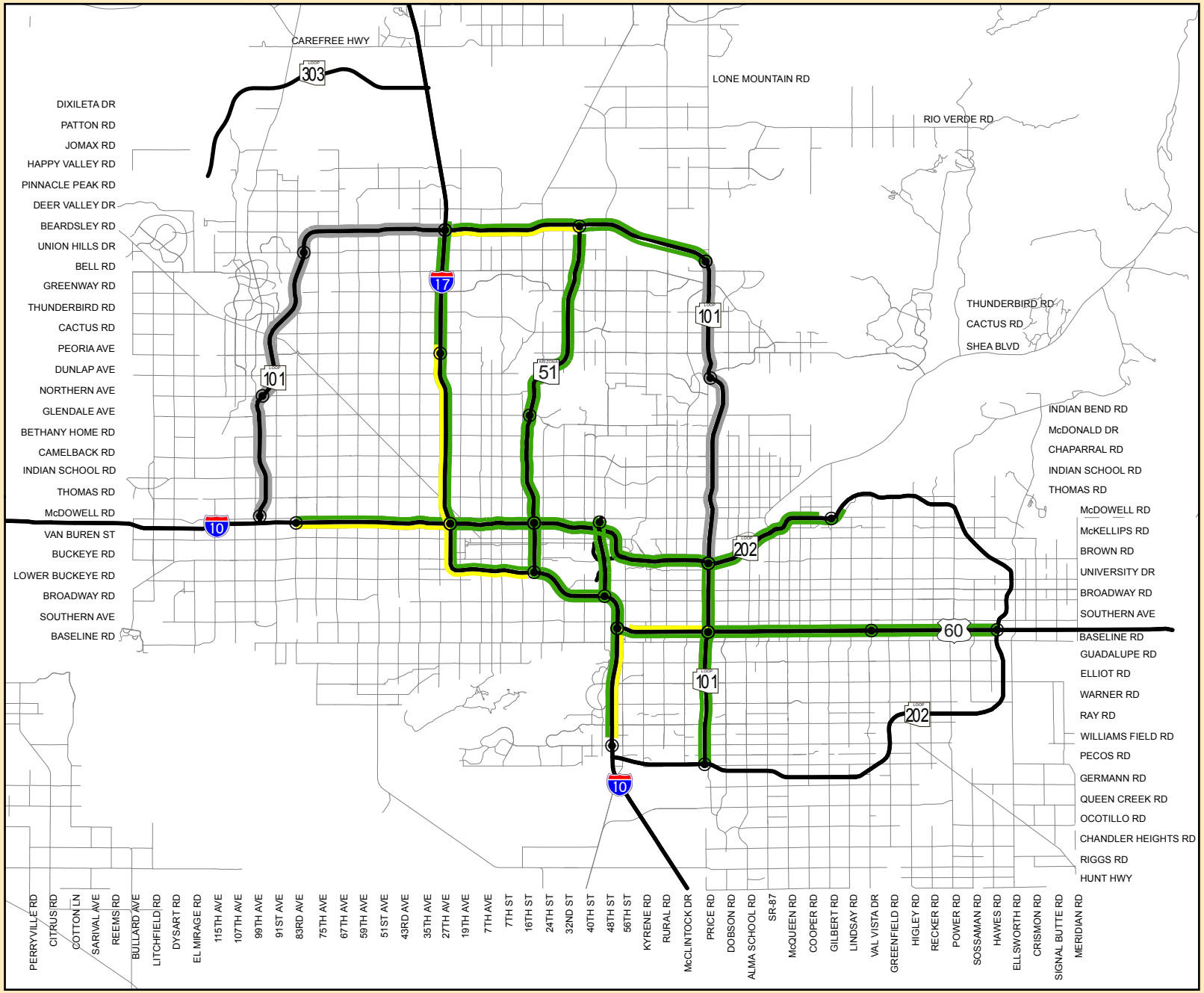
DRAFT

MARICOPA ASSOCIATION of GOVERNMENTS

Performance Measures Report

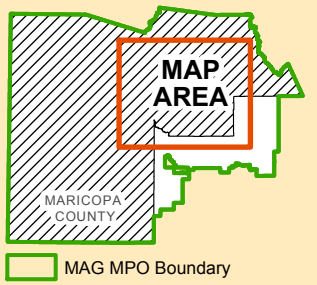
Average AM Peak Period Corridor Speeds General Purpose Lanes



Legend

Average Corridor Speeds (2014)

- 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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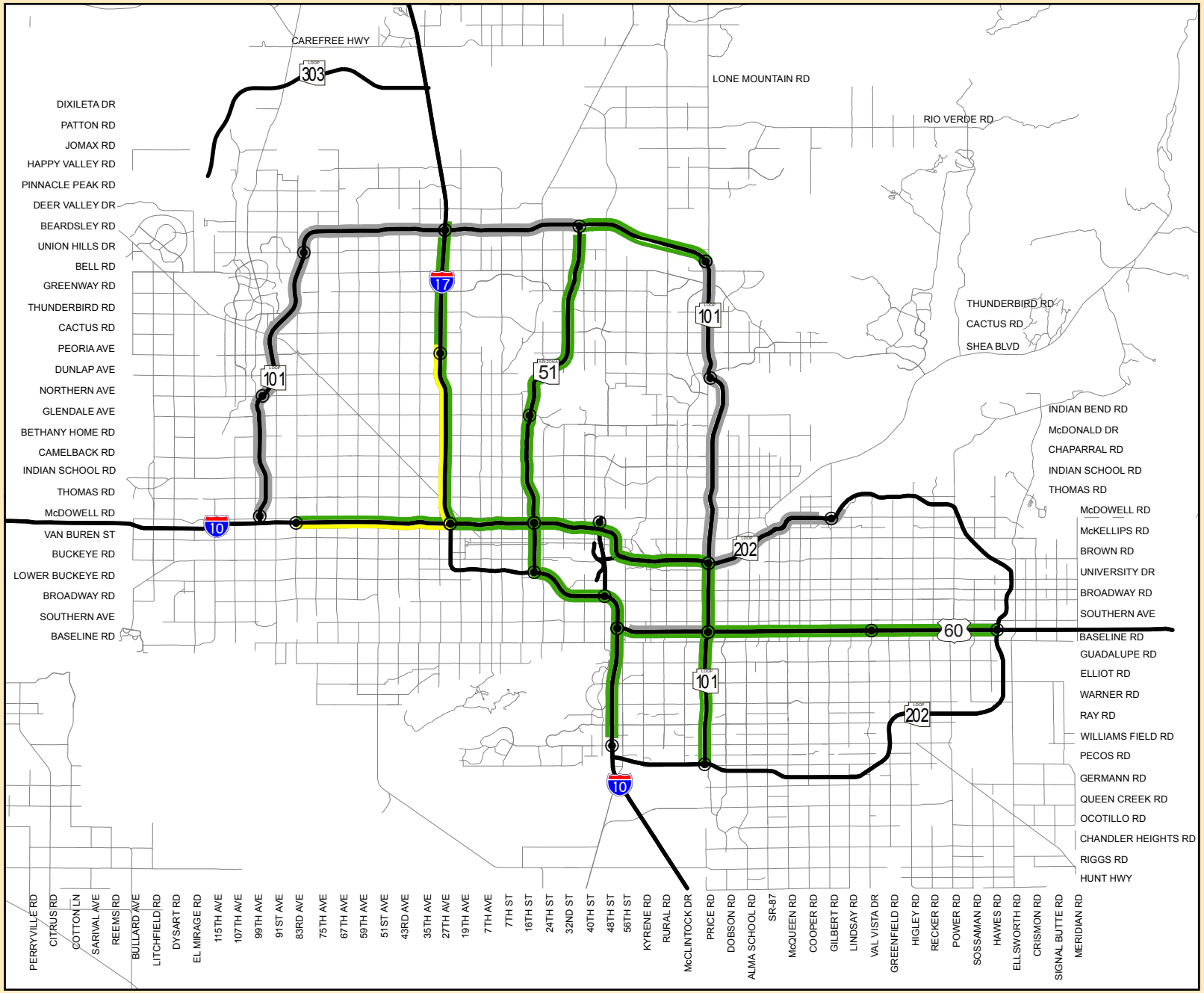
MARICOPA ASSOCIATION of GOVERNMENTS

Performance Measures Report

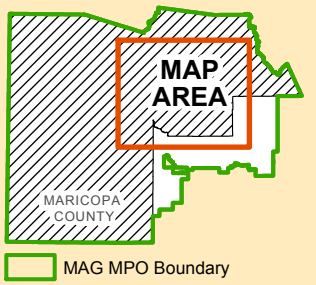
Average AM Peak Period Corridor Speeds HOV Lanes



Legend

Average Corridor Speeds (2014)

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



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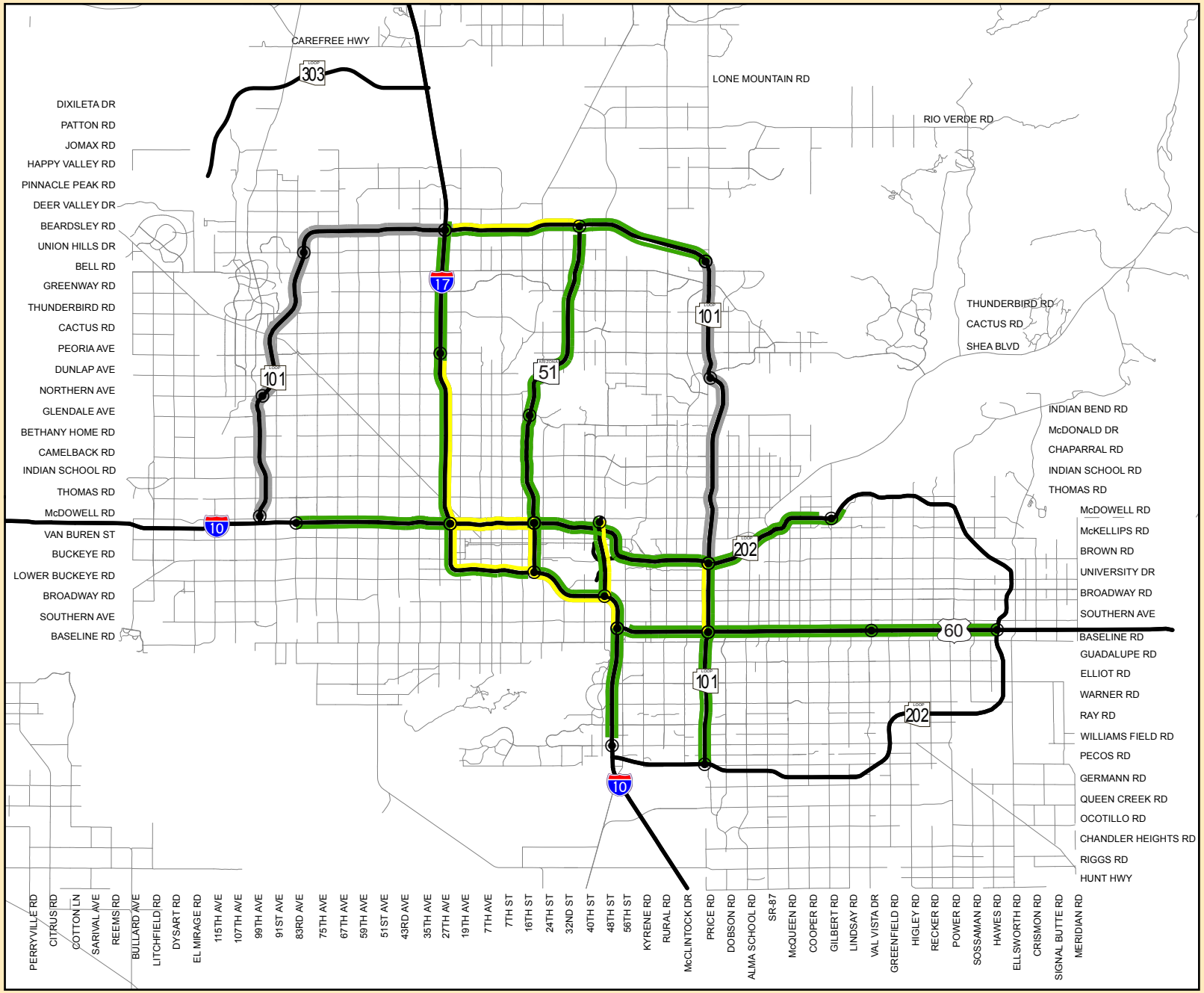
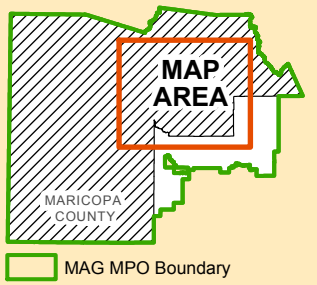
Average PM Peak Period Corridor Speeds General Purpose Lanes



Legend

Average Corridor Speeds (2014)

- 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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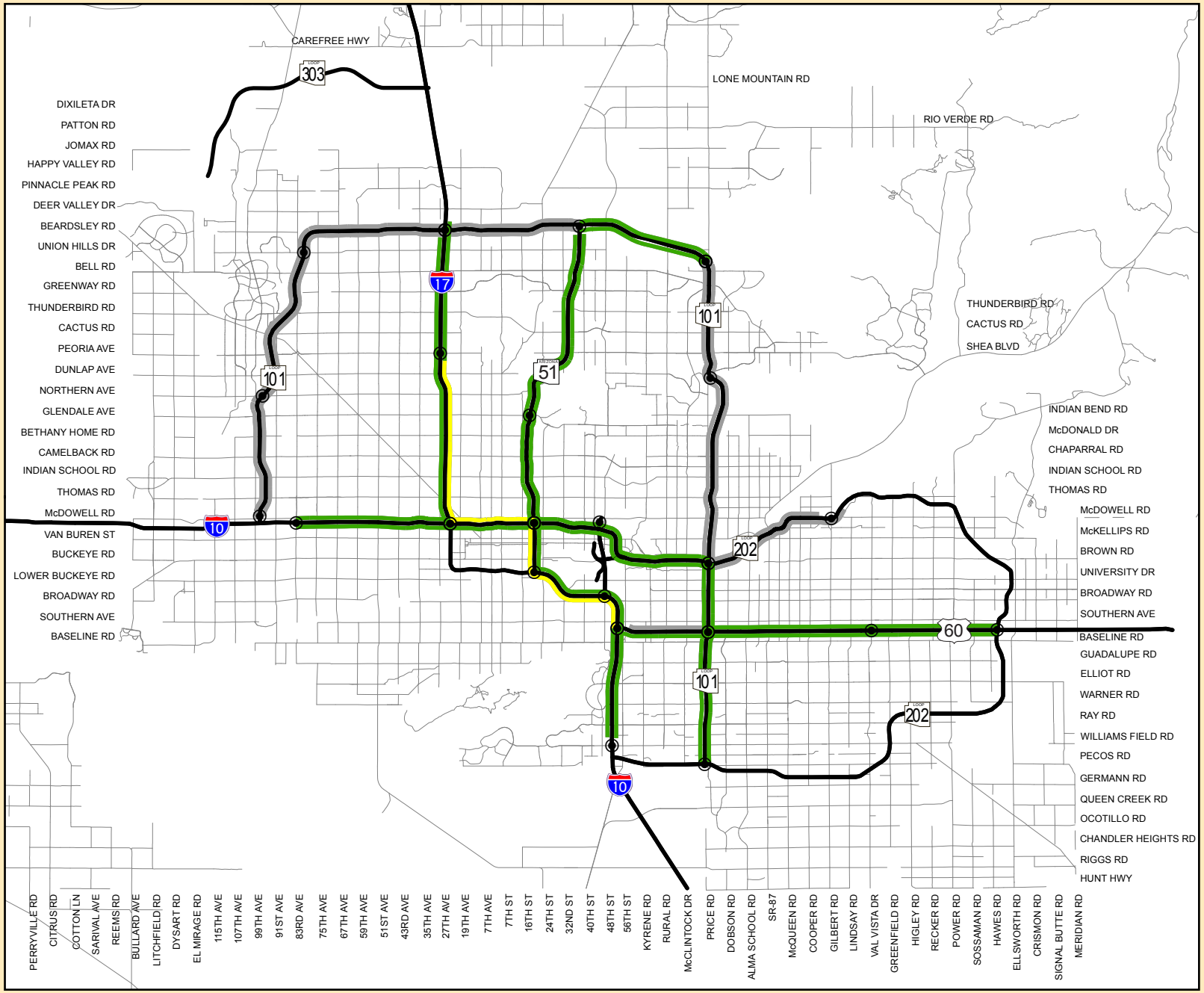
Performance Measures Report

Average PM Peak Period Corridor Speeds HOV Lanes



Legend

Average Corridor Speeds (2014)

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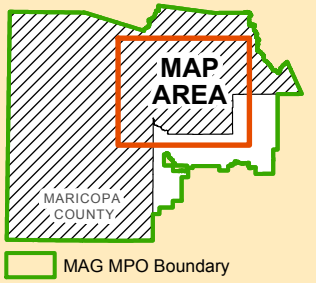
- Corridor Breakpoints



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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		
					2013	2014	% Change	2013	2014	% Change
A	I-10 Papago	EB	83rd Avenue	I-17	46.9	47.8	2.0%	52.2	52.3	0.2%
		WB	I-17	83rd Avenue	67.1	66.1	-1.5%	68.2	68.0	-0.2%
B	I-10 Papago	EB	I-17	SR 51/Loop 202	52.1	55.2	6.0%	62.3	63.8	2.5%
		WB	SR 51/Loop 202	I-17	63.1	63.8	1.1%	70.7	71.3	0.8%
C	I-10 Maricopa	EB	SR 51/Loop 202	U.S. 60	62.0	62.4	0.5%	68.3	68.3	0.1%
		WB	U.S. 60	SR 51/Loop 202	57.9	58.4	0.9%	63.8	64.4	1.0%
D	I-10 Maricopa	EB	U.S. 60	Chandler Blvd	65.1	65.7	0.9%	71.9	72.9	1.3%
		WB	Chandler Blvd	U.S. 60	43.8	47.9	9.5%	60.1	63.3	5.3%
E	I-17	NB	Maricopa TI	I-10	61.4	62.5	1.8%	na	na	na
		SB	I-10	Maricopa TI	49.5	49.7	0.5%	na	na	na
F	I-17	NB	I-10	Peoria Ave.	58.7	58.4	-0.5%	59.7	59.4	-0.4%
		SB	Peoria Ave.	I-10	50.9	50.2	-1.4%	53.4	54.8	2.6%
G	SR 51	NB	I-10/Loop 202	Glendale Avenue	62.7	62.3	-0.6%	63.1	63.6	0.7%
		SB	Glendale Avenue	I-10/Loop 202	55.1	55.3	0.3%	54.9	61.2	11.4%
H	SR 51	NB	Glendale Avenue	Loop 101	66.7	67.1	0.6%	71.9	73.7	2.5%
		SB	Loop 101	Glendale Avenue	61.4	63.8	3.9%	66.9	70.3	5.1%
I	Loop 202 Red Mountain	EB	I-10/SR 51	Loop 101	66.9	66.7	-0.2%	71.2	72.9	2.4%
		WB	Loop 101	I-10/SR 51	57.1	58.4	2.3%	64.4	65.7	2.1%
J	U.S. 60	EB	I-10	Loop 101	63.9	64.7	1.3%	66.9	69.3	3.5%
		WB	Loop 101	I-10	51.4	52.1	1.3%	not available	not available	na
K	U.S. 60	EB	Loop 101	Val Vista Dr.	64.9	65.2	0.5%	67.6	67.8	0.3%
		WB	Val Vista Dr.	Loop 101	60.7	60.2	-0.8%	69.6	69.4	-0.3%
L	U.S. 60	EB	Val Vista Dr.	Loop 202	67.4	67.5	0.2%	70.0	70.8	1.1%
		WB	Loop 202	Val Vista Dr.	69.7	69.6	-0.1%	71.6	73.9	3.2%
M	SR 143	NB	I-10	Loop 202/ McDowell	not available	55.5	na	na	na	na
		SB	Loop 202/ McDowell	I-10	not available	61.6	na	na	na	na
N	Loop 101	NB	Loop 202 Santan	U.S. 60	54.3	57.7	6.2%	66.6	68.6	3.0%
		SB	U.S. 60	Loop 202 Santan	67.3	67.7	0.5%	74.9	75.6	0.9%
O	Loop 101	NB	U.S. 60	Loop 202 Red Mountain	57.1	60.2	5.4%	70.4	73.0	3.7%
		SB	Loop 202 Red Mountain	U.S. 60	68.0	62.1	-8.7%	75.5	75.9	0.5%
P	Loop 101	NB	Loop 202 Red Mountain	90th St.	52.8	not available	na	64.6	not available	na
		SB	90th St.	Loop 202 Red Mountain	65.4	not available	na	72.2	not available	na
Q	Loop 101	NB	90th St.	Pima Rd.	66.4	not available	na	70.7	not available	na
		SB	Pima Rd.	90th St.	66.9	not available	na	73.0	not available	na
R	Loop 101	EB	Pima Rd.	SR 51	59.9	61.4	2.6%	63.4	70.8	11.7%
		WB	SR 51	Pima Rd.	70.2	70.8	0.8%	74.5	75.4	1.3%
S	Loop 101	EB	SR 51	I-17	49.9	52.2	4.6%	not available	not available	na
		WB	I-17	SR 51	69.4	69.6	0.3%	not available	not available	na
T	Loop 101	EB	Union Hills Dr.	I-17	not available	not available	na	not available	not available	na
		WB	I-17	Union Hills Dr.	not available	not available	na	not available	not available	na
U	Loop 101	NB	Northern Ave.	Union Hills Dr.	not available	not available	na	not available	not available	na
		SB	Union Hills Dr.	Northern Ave.	not available	not available	na	not available	not available	na
V	Loop 101	NB	I-10	Northern Ave.	not available	not available	na	not available	not available	na
		SB	Northern Ave.	I-10	not available	not available	na	not available	not available	na
W	I-17	NB	Peoria Ave.	Loop 101	not available	63.7	na	not available	74.1	na
		SB	Loop 101	Peoria Ave.	not available	56.6	na	not available	68.7	na
X	Loop 202 Red Mountain	EB	Loop 101	Gilbert Rd	not available	67.4	na	not available	not available	na
		WB	Gilbert Rd.	Loop 101	not available	66.3	na	not available	not available	na

Source: ADOT FMS
na = not applicable

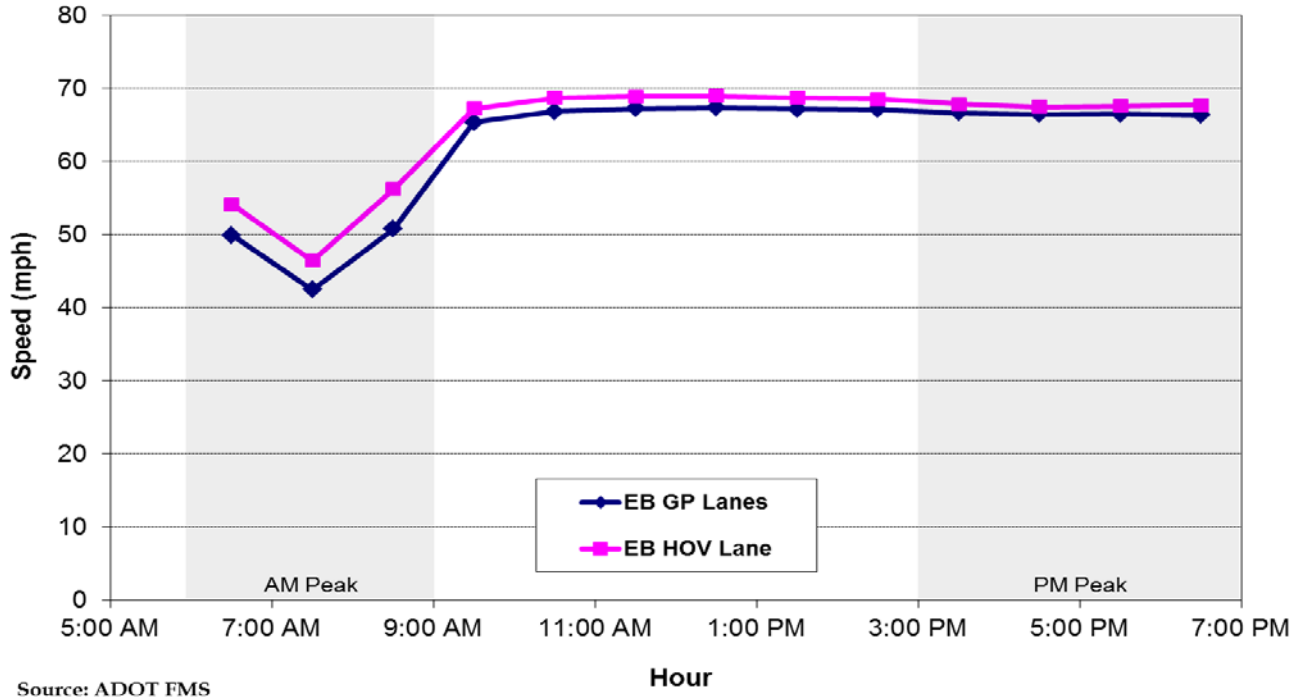
Results for Annual Average Peak Period Speed by Corridor

Corridor ID	Freeway Corridor	Dir	From	To	Average PM Peak Period Speed (mph)					
					General-purpose Lanes			HOV Lanes		
					2013	2014	% Change	2013	2014	% Change
A	I-10 Papago	EB	83rd Avenue	I-17	66.4	66.5	0.2%	67.6	67.7	0.1%
		WB	I-17	83rd Avenue	57.3	57.7	0.8%	61.0	61.2	0.4%
B	I-10 Papago	EB	I-17	SR 51/Loop 202	56.0	54.0	-3.6%	63.3	62.2	-1.8%
		WB	SR 51/Loop 202	I-17	36.9	40.1	8.7%	43.8	46.6	6.3%
C	I-10 Maricopa	EB	SR 51/Loop 202	U.S. 60	46.7	48.3	3.4%	54.3	54.6	0.7%
		WB	U.S. 60	SR 51/Loop 202	58.0	57.6	-0.7%	64.2	63.8	-0.7%
D	I-10 Maricopa	EB	U.S. 60	Chandler Blvd	55.2	57.9	4.8%	65.9	67.3	2.2%
		WB	Chandler Blvd	U.S. 60	61.4	61.9	0.8%	68.0	70.1	3.2%
E	I-17	NB	Maricopa TI	I-10	48.3	47.9	-0.7%	na	na	na
		SB	I-10	Maricopa TI	60.6	59.7	-1.6%	na	na	na
F	I-17	NB	I-10	Peoria Ave.	45.3	47.4	4.6%	50.4	51.3	1.8%
		SB	Peoria Ave.	I-10	60.5	59.5	-1.5%	59.7	61.0	2.1%
G	SR 51	NB	I-10/Loop 202	Glendale Avenue	53.9	55.2	2.4%	59.6	60.3	1.2%
		SB	Glendale Avenue	I-10/Loop 202	61.2	59.1	-3.3%	57.8	63.2	9.3%
H	SR 51	NB	Glendale Avenue	Loop 101	64.3	65.3	1.5%	70.0	71.9	2.7%
		SB	Loop 101	Glendale Avenue	67.6	68.4	1.2%	70.3	73.4	4.3%
I	Loop 202 Red Mountain	EB	I-10/SR 51	Loop 101	62.1	61.3	-1.2%	69.1	70.1	1.4%
		WB	Loop 101	I-10/SR 51	60.2	60.7	0.9%	67.4	68.0	0.9%
J	U.S. 60	EB	I-10	Loop 101	59.3	60.8	2.6%	65.6	67.7	3.2%
		WB	Loop 101	I-10	65.1	65.0	-0.1%	not available	not available	na
K	U.S. 60	EB	Loop 101	Val Vista Dr.	62.5	63.4	1.4%	68.9	68.7	-0.3%
		WB	Val Vista Dr.	Loop 101	66.2	66.8	1.0%	68.2	70.2	2.9%
L	U.S. 60	EB	Val Vista Dr.	Loop 202	67.8	68.1	0.4%	70.6	70.8	0.3%
		WB	Loop 202	Val Vista Dr.	69.5	69.9	0.6%	70.5	72.5	2.8%
M	SR 143	NB	I-10	Loop 202/ McDowell	not available	55.0	na	na	na	na
		SB	Loop 202/ McDowell	I-10	not available	56.2	na	na	na	na
N	Loop 101	NB	Loop 202 Santan	U.S. 60	65.5	66.4	1.3%	72.3	73.0	1.1%
		SB	U.S. 60	Loop 202 Santan	58.2	58.9	1.2%	68.0	69.7	2.6%
O	Loop 101	NB	U.S. 60	Loop 202 Red Mountain	67.4	67.0	-0.5%	75.6	76.5	1.2%
		SB	Loop 202 Red Mountain	U.S. 60	42.7	41.8	-2.0%	60.5	63.2	4.4%
P	Loop 101	NB	Loop 202 Red Mountain	90th St.	60.4	not available	na	68.6	not available	na
		SB	90th St.	Loop 202 Red Mountain	50.7	not available	na	62.7	not available	na
Q	Loop 101	NB	90th St.	Pima Rd.	63.7	not available	na	69.5	not available	na
		SB	Pima Rd.	90th St.	66.0	not available	na	72.6	not available	na
R	Loop 101	EB	Pima Rd.	SR 51	69.0	69.9	1.2%	68.2	76.0	11.3%
		WB	SR 51	Pima Rd.	58.8	59.0	0.4%	67.9	68.0	0.1%
S	Loop 101	EB	SR 51	I-17	66.6	66.5	-0.1%	not available	not available	na
		WB	I-17	SR 51	54.0	53.5	-0.9%	not available	not available	na
T	Loop 101	EB	Union Hills Dr.	I-17	not available	not available	na	not available	not available	na
		WB	I-17	Union Hills Dr.	not available	not available	na	not available	not available	na
U	Loop 101	NB	Northern Ave.	Union Hills Dr.	not available	not available	na	not available	not available	na
		SB	Union Hills Dr.	Northern Ave.	not available	not available	na	not available	not available	na
V	Loop 101	NB	I-10	Northern Ave.	not available	not available	na	not available	not available	na
		SB	Northern Ave.	I-10	not available	not available	na	not available	not available	na
W	I-17	NB	Peoria Ave.	Loop 101	not available	59.9	na	not available	70.1	na
		SB	Loop 101	Peoria Ave.	not available	62.7	na	not available	73.1	na
X	Loop 202 Red Mountain	EB	Loop 101	Gilbert Rd	not available	65.4	na	not available	not available	na
		WB	Gilbert Rd.	Loop 101	not available	68.8	na	not available	not available	na

Source: ADOT FMS
na = not applicable

Hourly Average Speeds (2014) Corridor A

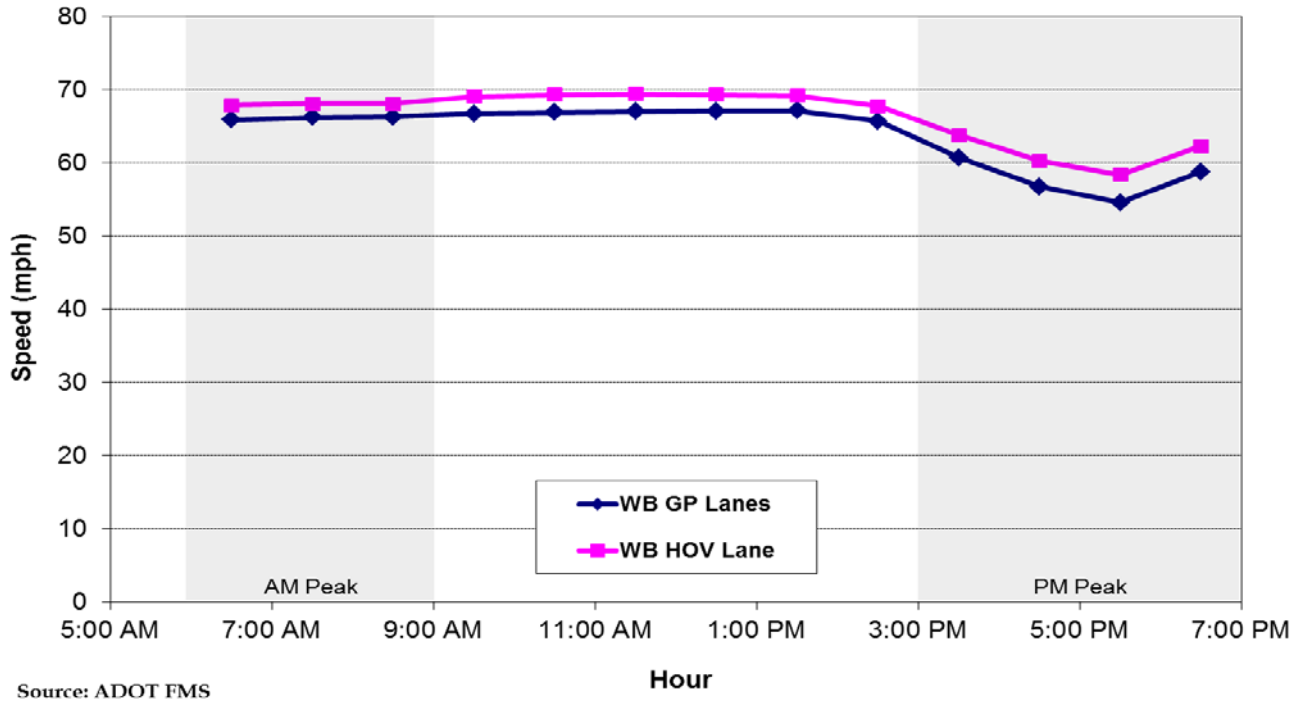
I-10 Papago Eastbound: 83rd Avenue to I-17



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor A

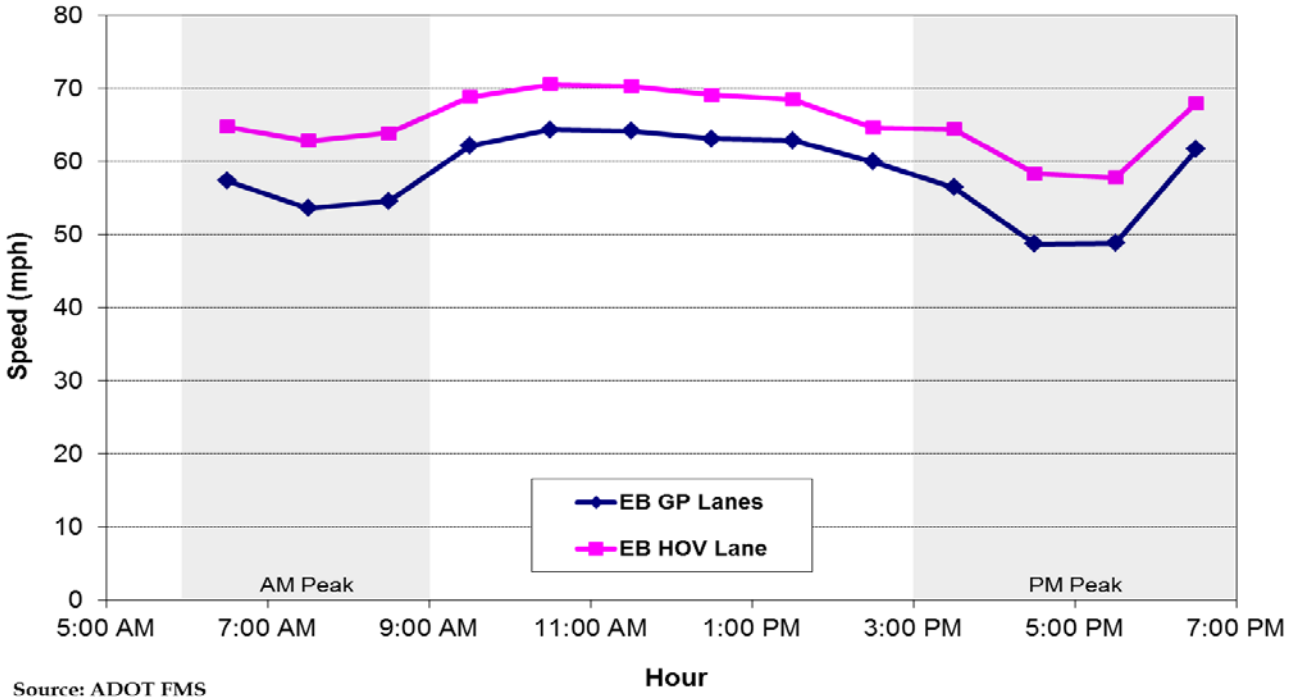
I-10 Papago Weststbound: I-17 to 83rd Avenue



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor B

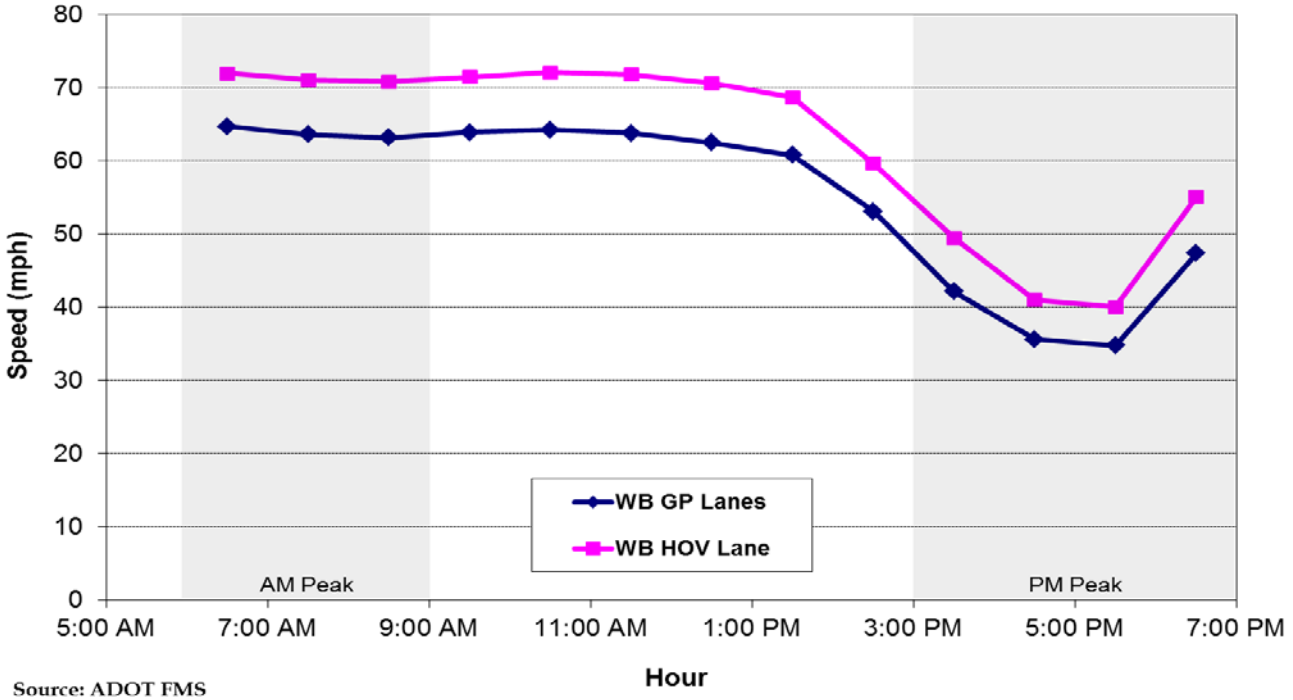
I-10 Papago Eastbound: I-17 to SR51



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor B

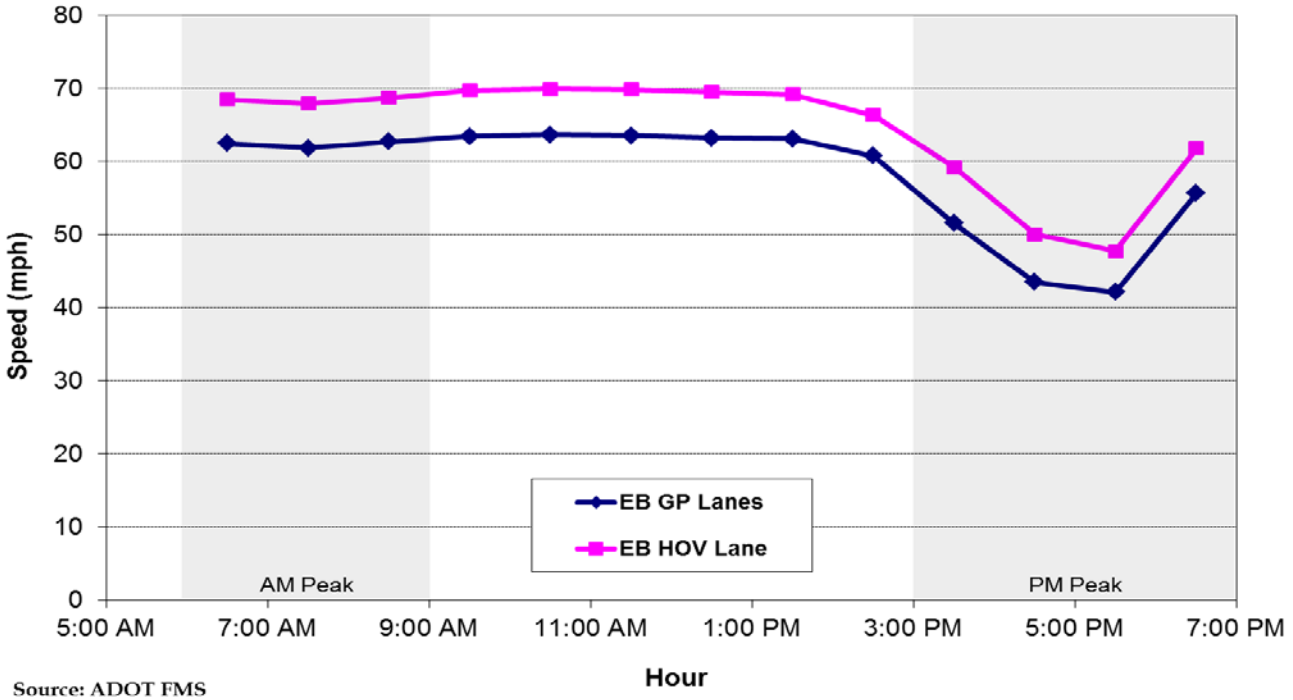
I-10 Papago Westbound: SR 51 to I-17



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor C

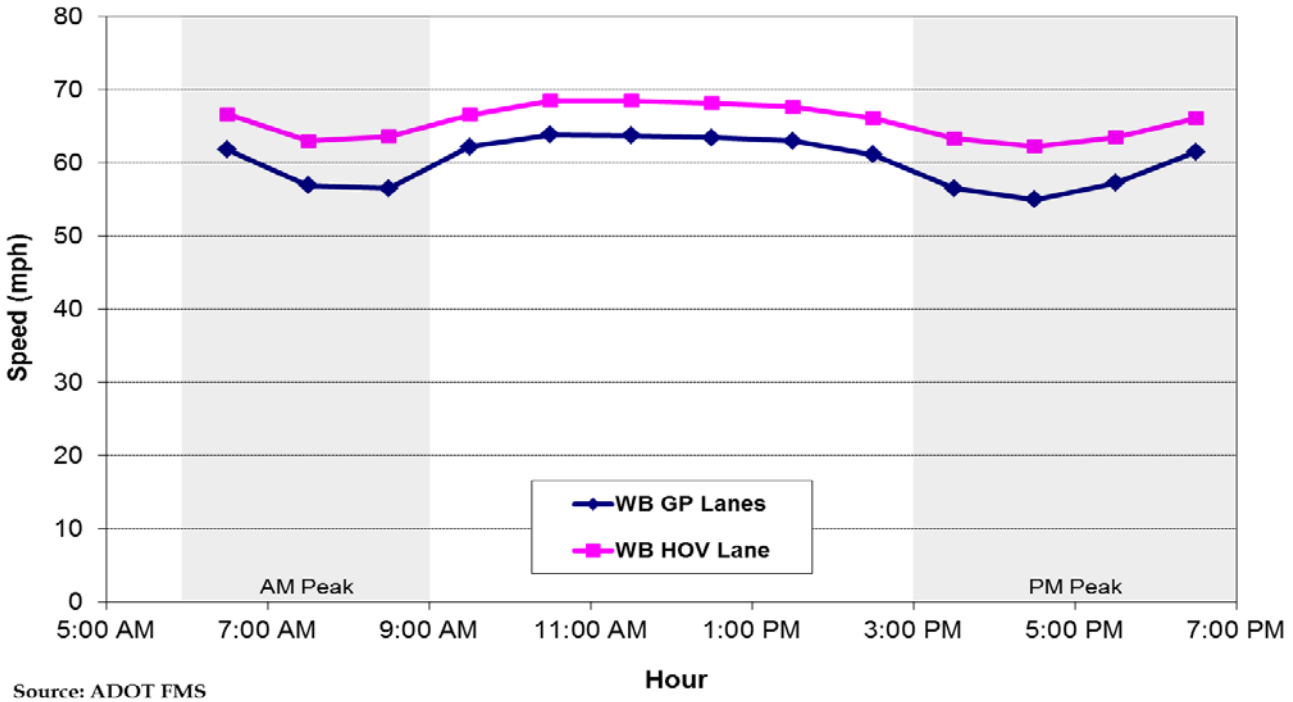
I-10 Maricopa Eastbound: SR-51 to US-60



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor C

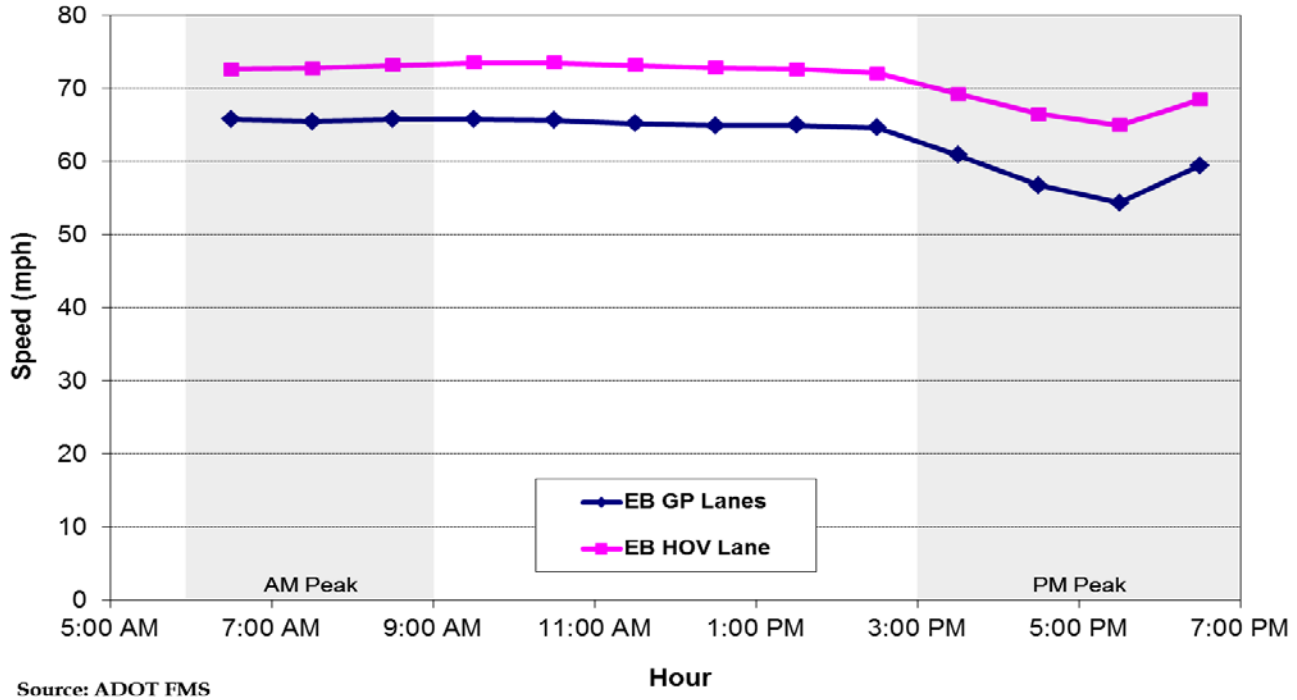
I-10 Maricopa Westbound: US-60 to SR-51



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor D

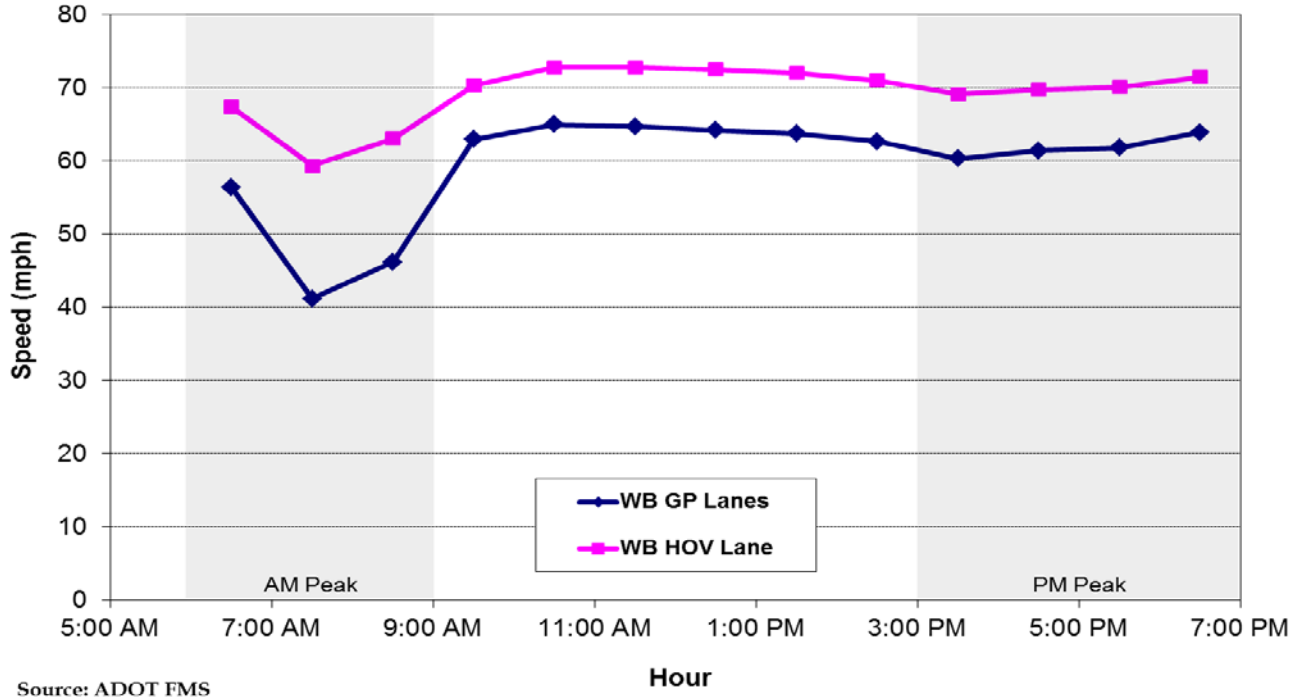
I-10 Maricopa Eastbound: US-60 to Chandler Boulevard



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor D

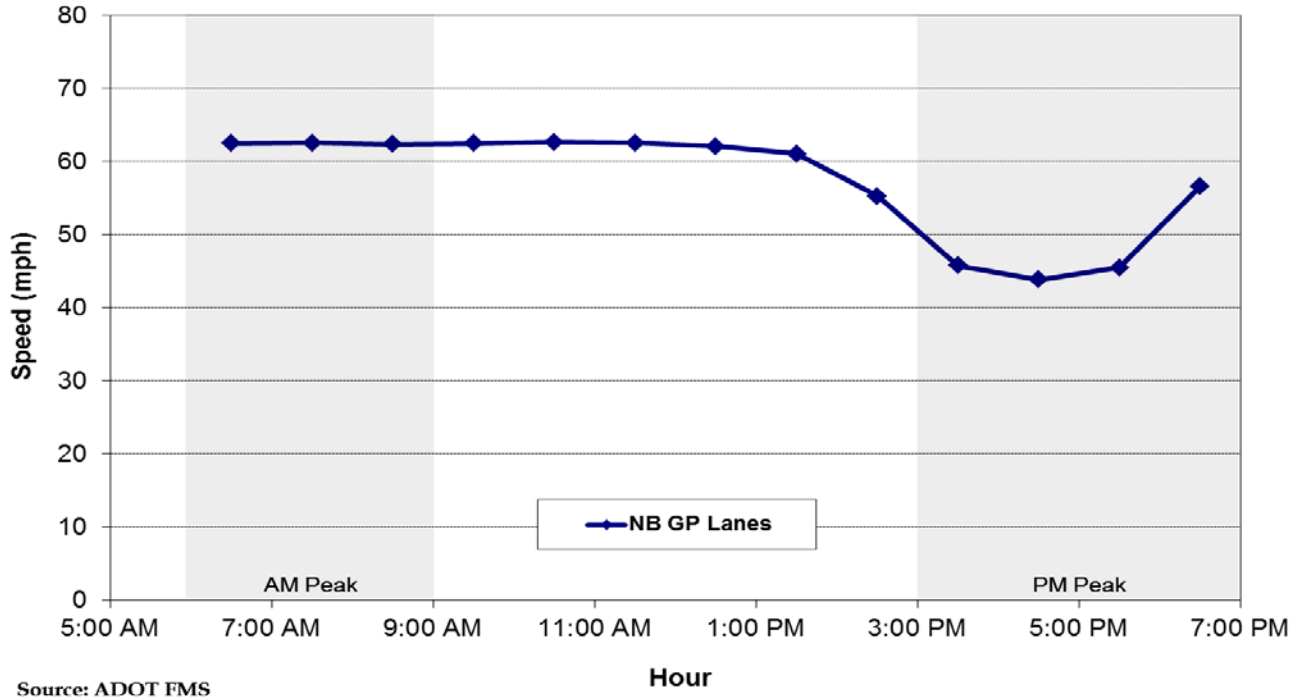
I-10 Maricopa Westbound: Chandler Boulevard to US-60



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor E

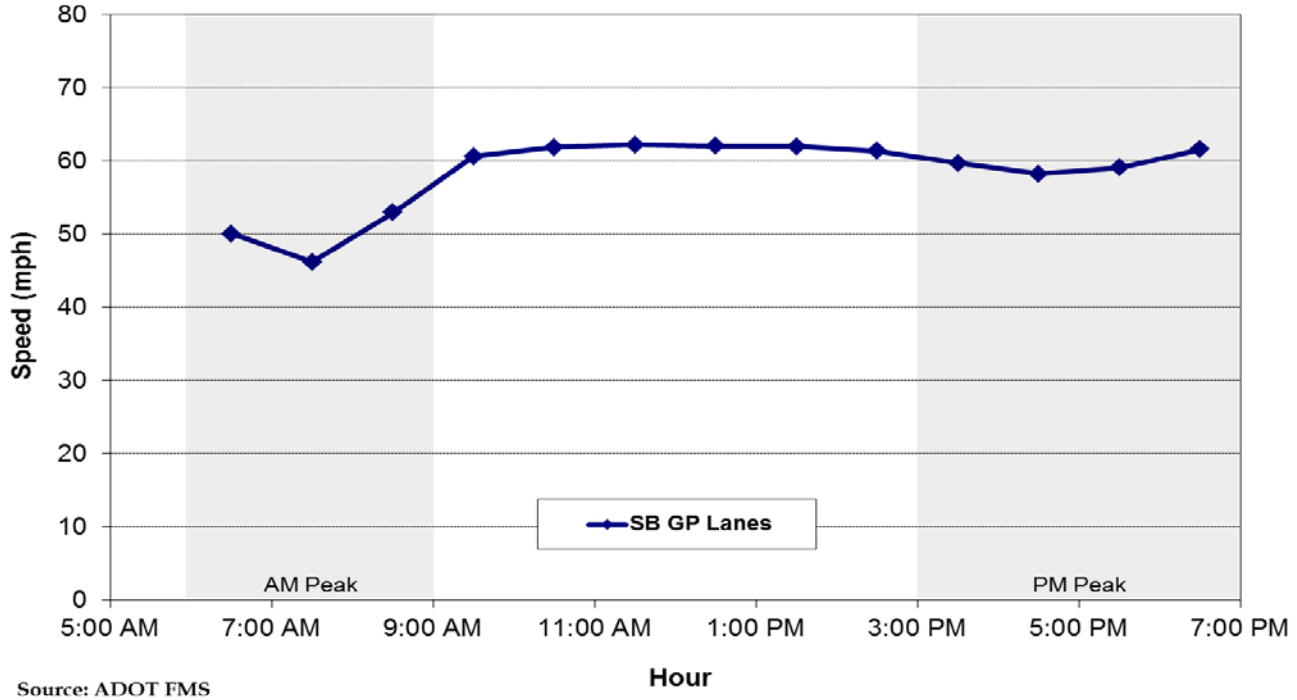
I-17 Northbound: I-10 Maricopa TI to I-10 Papago Freeway



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor E

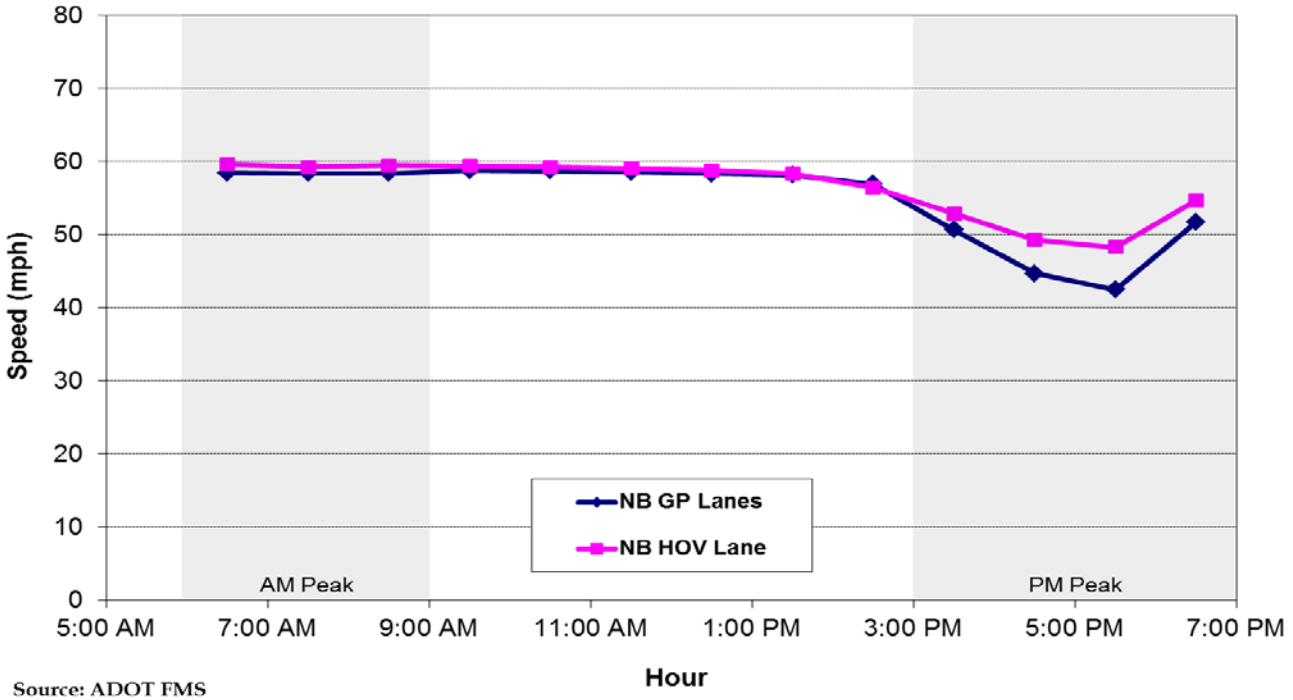
I-17 Southbound: I-10 Papago Freeway to Maricopa TI



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor F

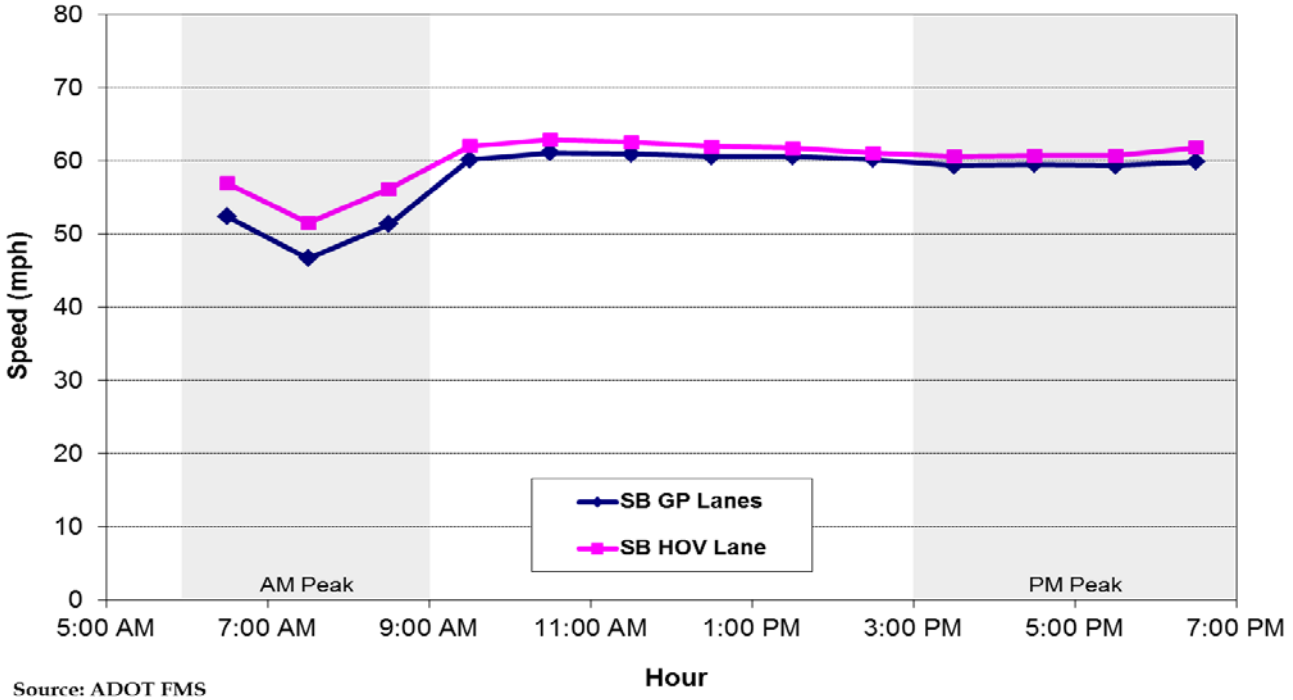
I-17 Northbound: I-10 Papago Freeway to Peoria Avenue



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor F

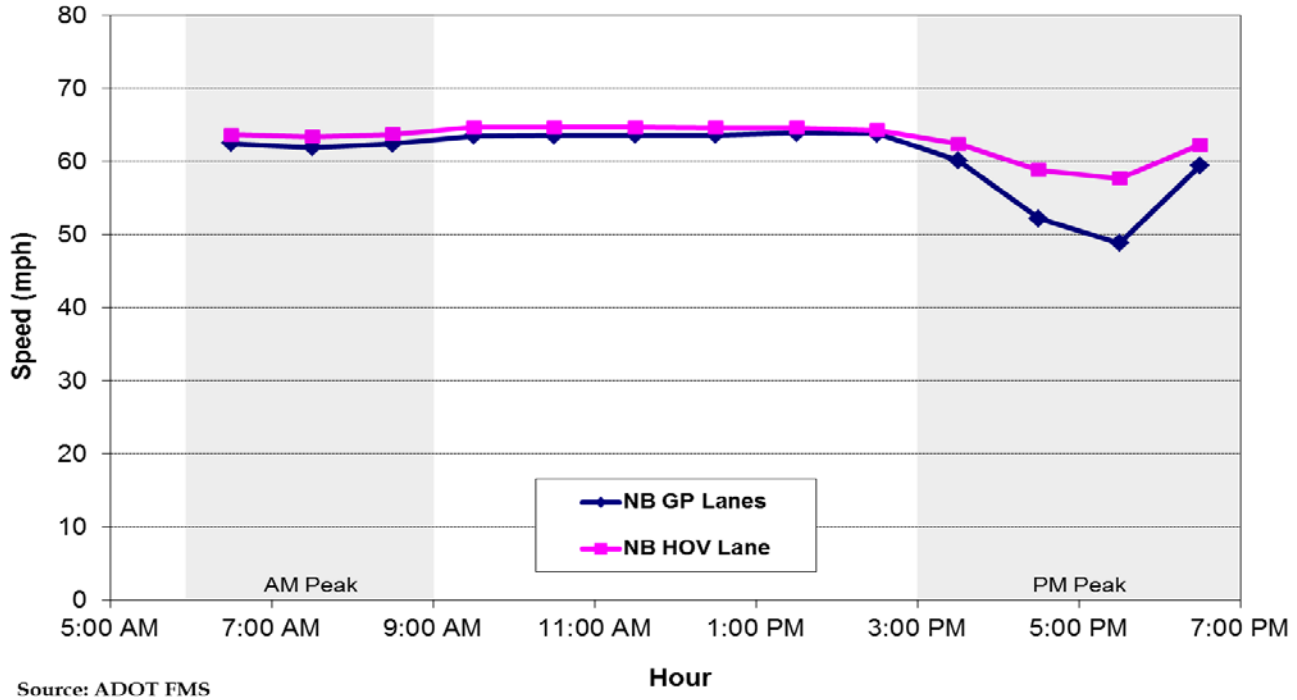
I-17 Southbound: Peoria Avenue to I-10 Papago Freeway



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor G

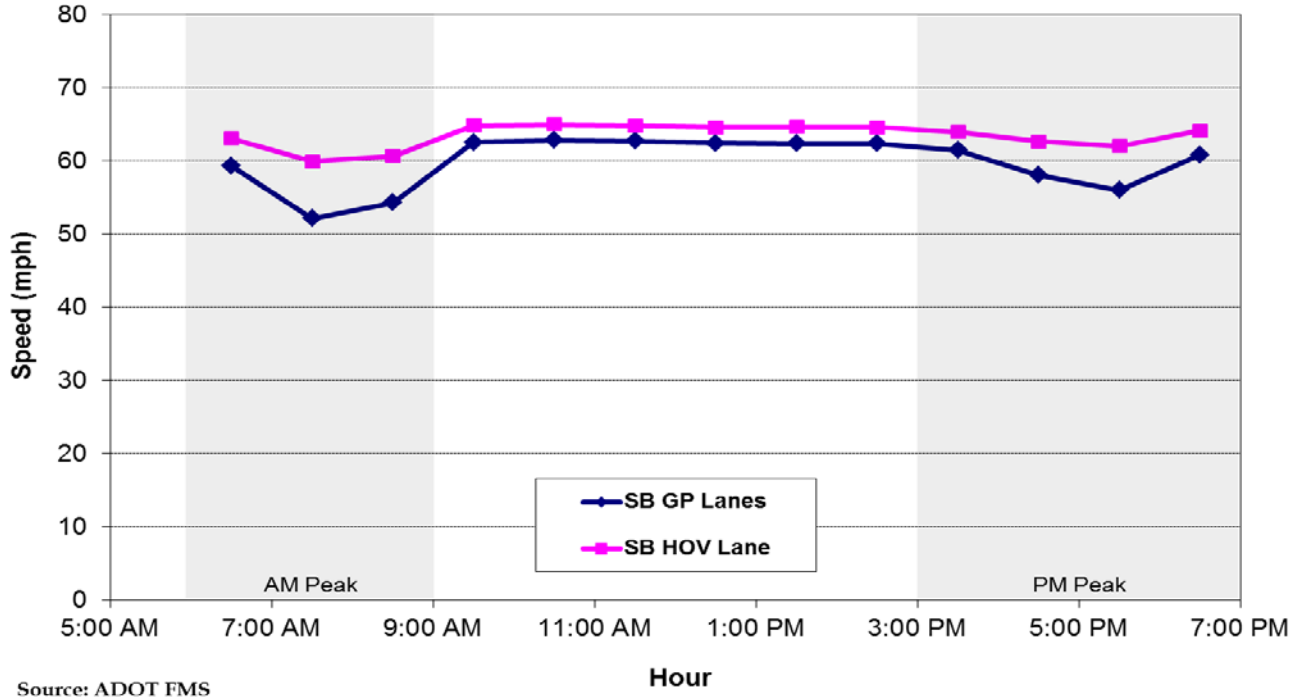
SR-51 Northbound: I-10 Papago Freeway to Glendale Avenue



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor G

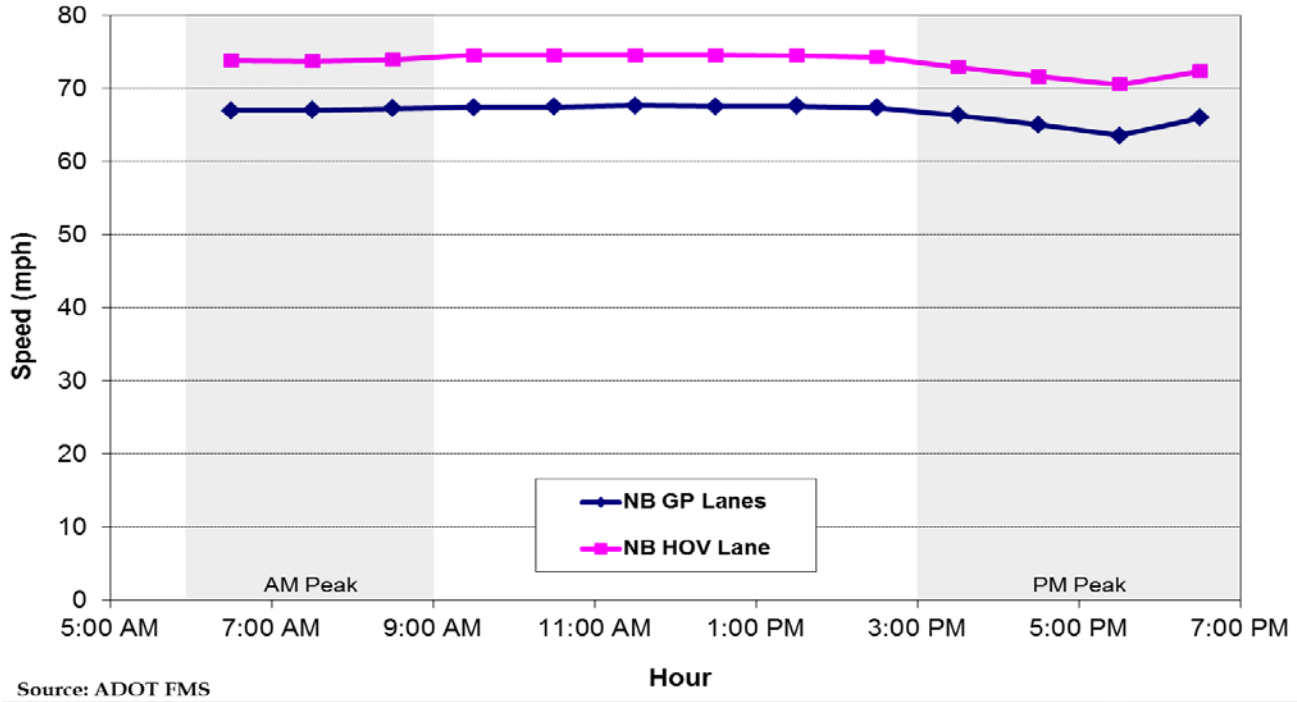
SR-51 Southbound: Glendale Avenue to I-10 Papago Freeway



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor H

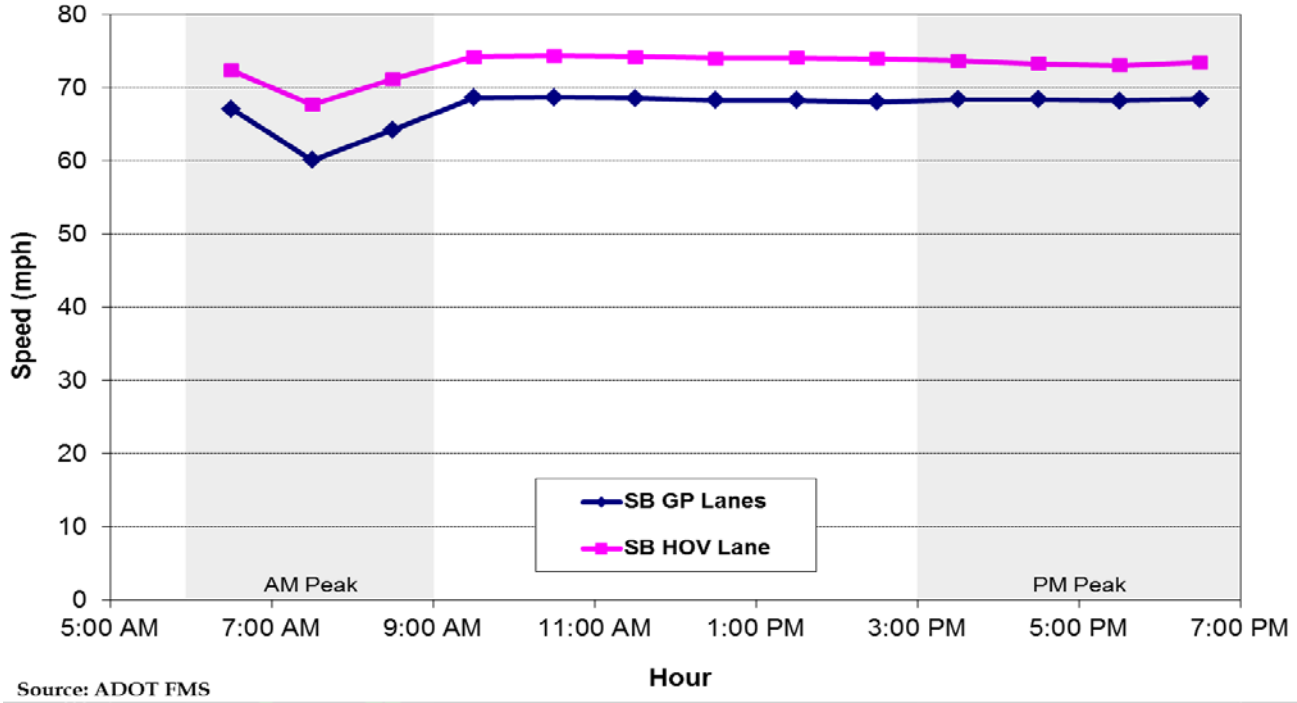
SR51 Northbound: Glendale Avenue to Loop 101



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor H

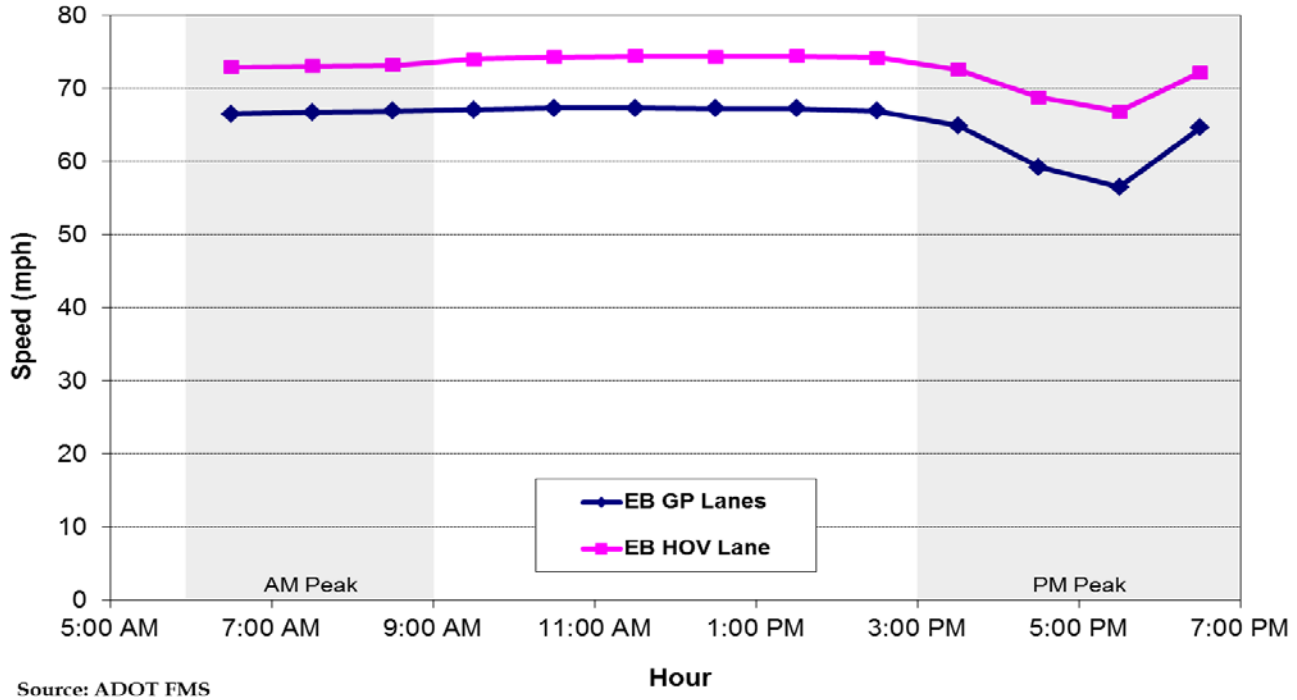
SR51 Southbound: Loop 101 to Glendale Avenue



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor I

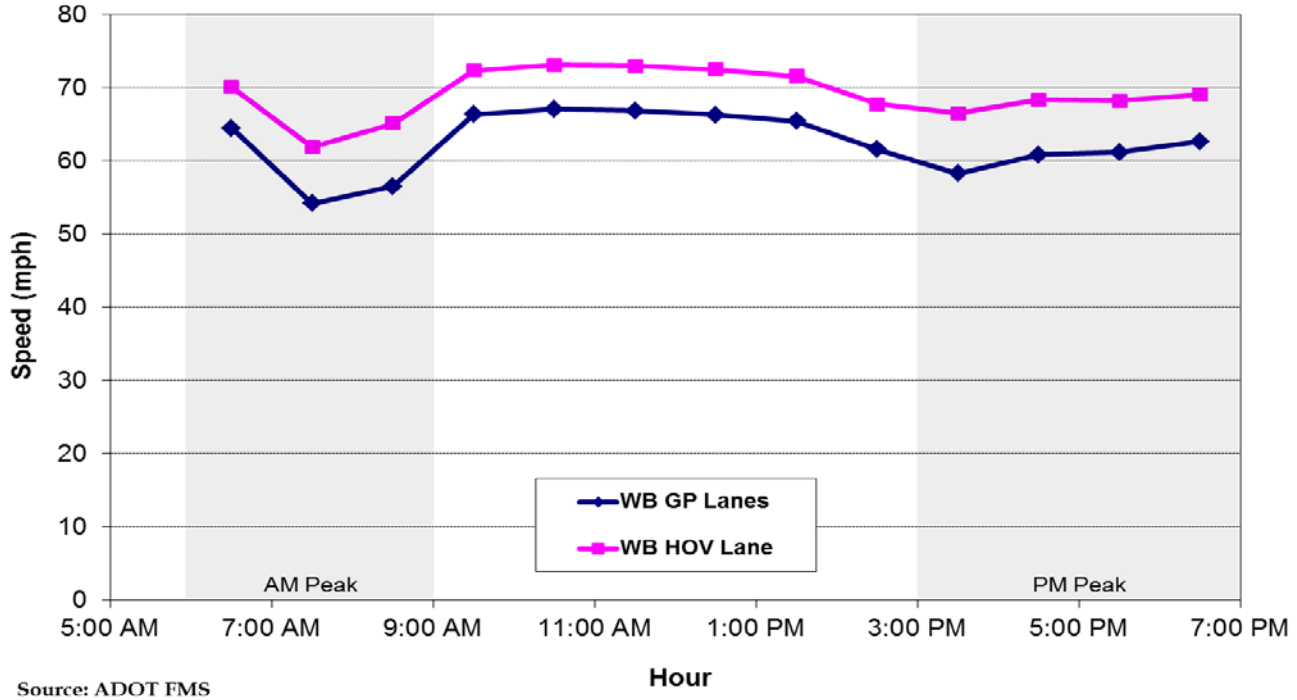
Loop 202 Eastbound: I-10/SR51 to Loop 101



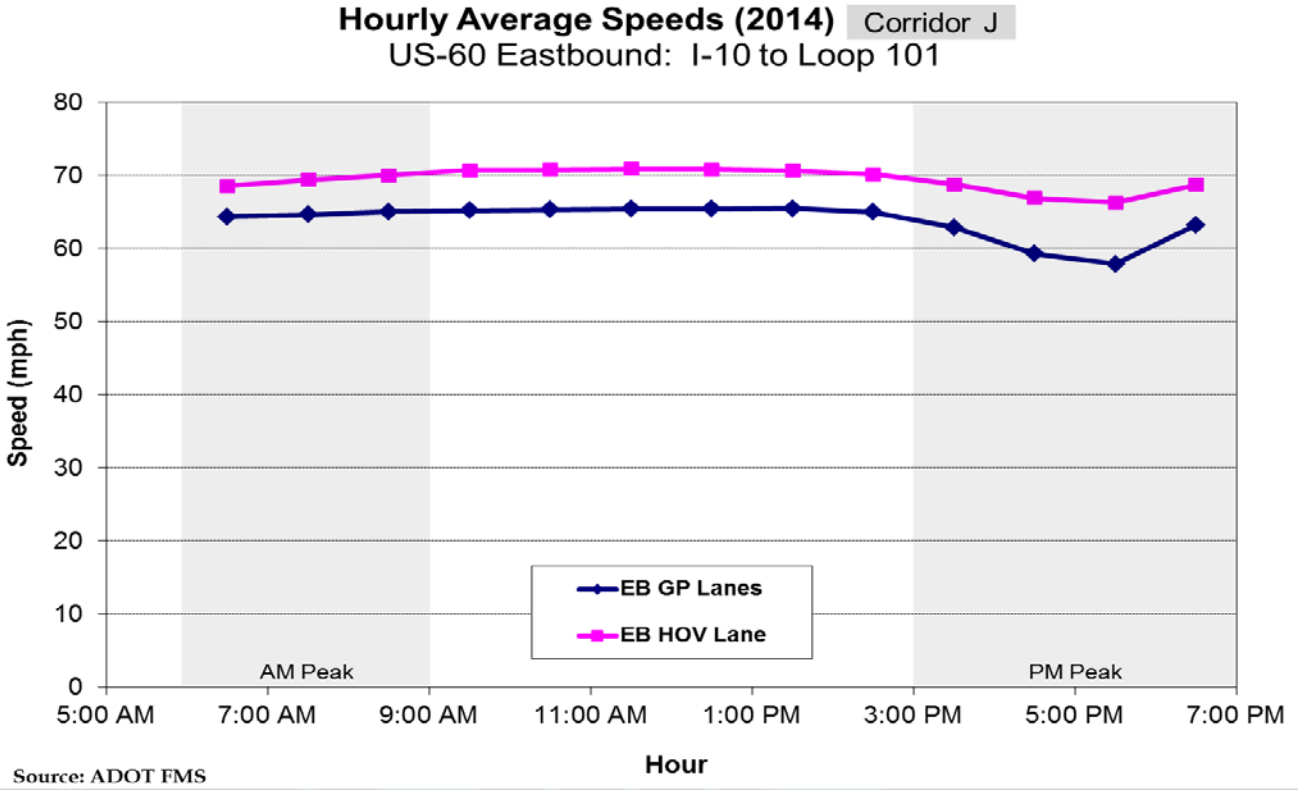
Source: ADOT FMS

Hourly Average Speeds (2014) Corridor I

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

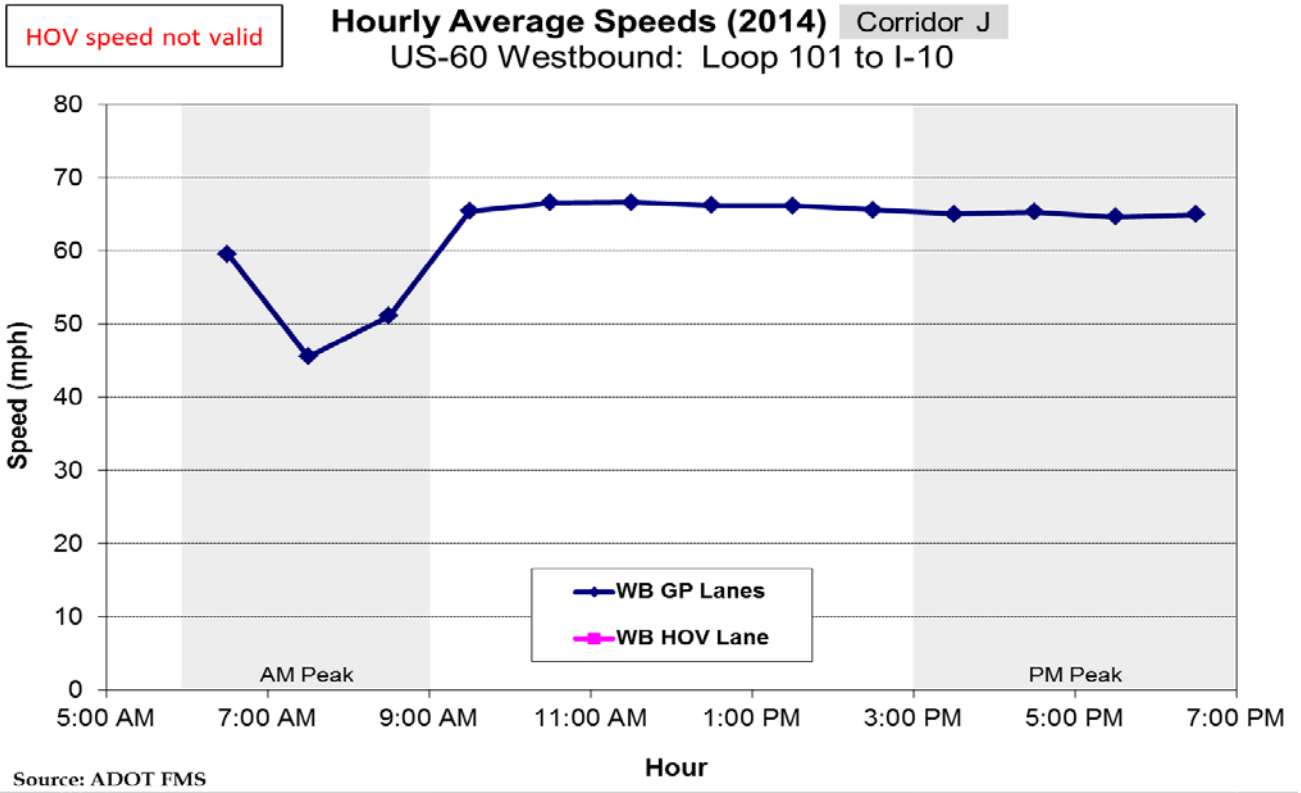


Source: ADOT FMS



Source: ADOT FMS

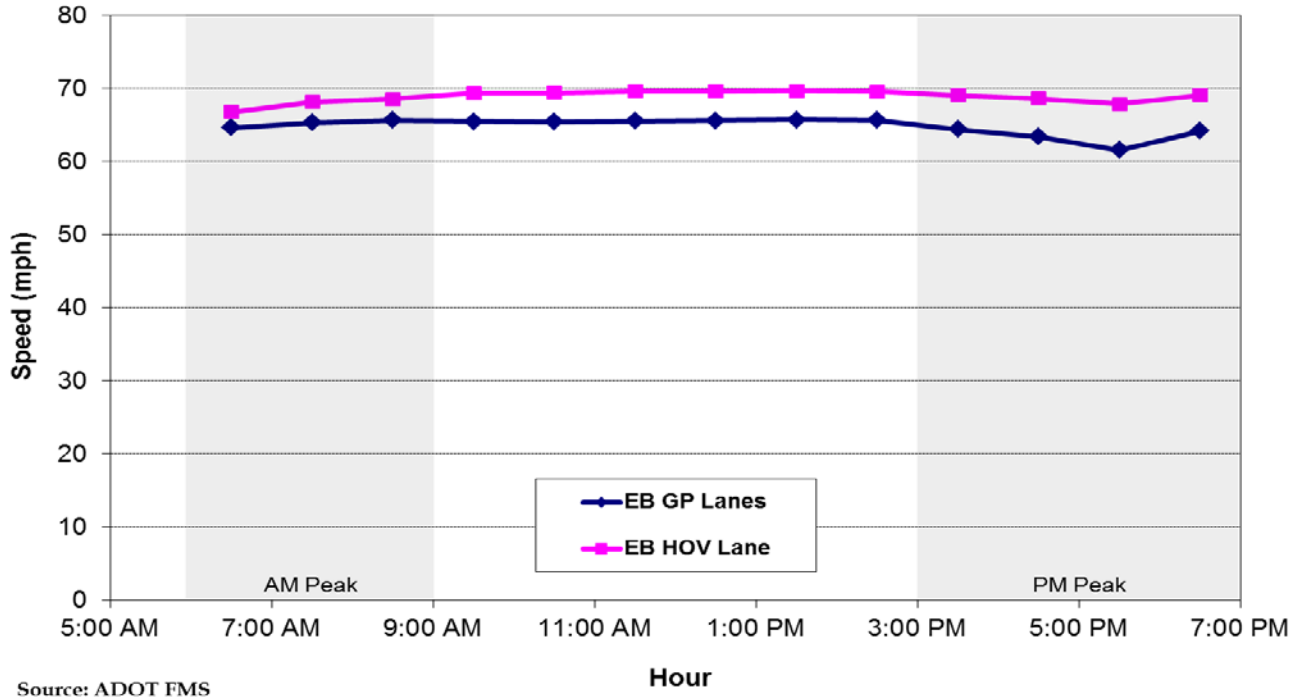
HOV speed not valid



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor K

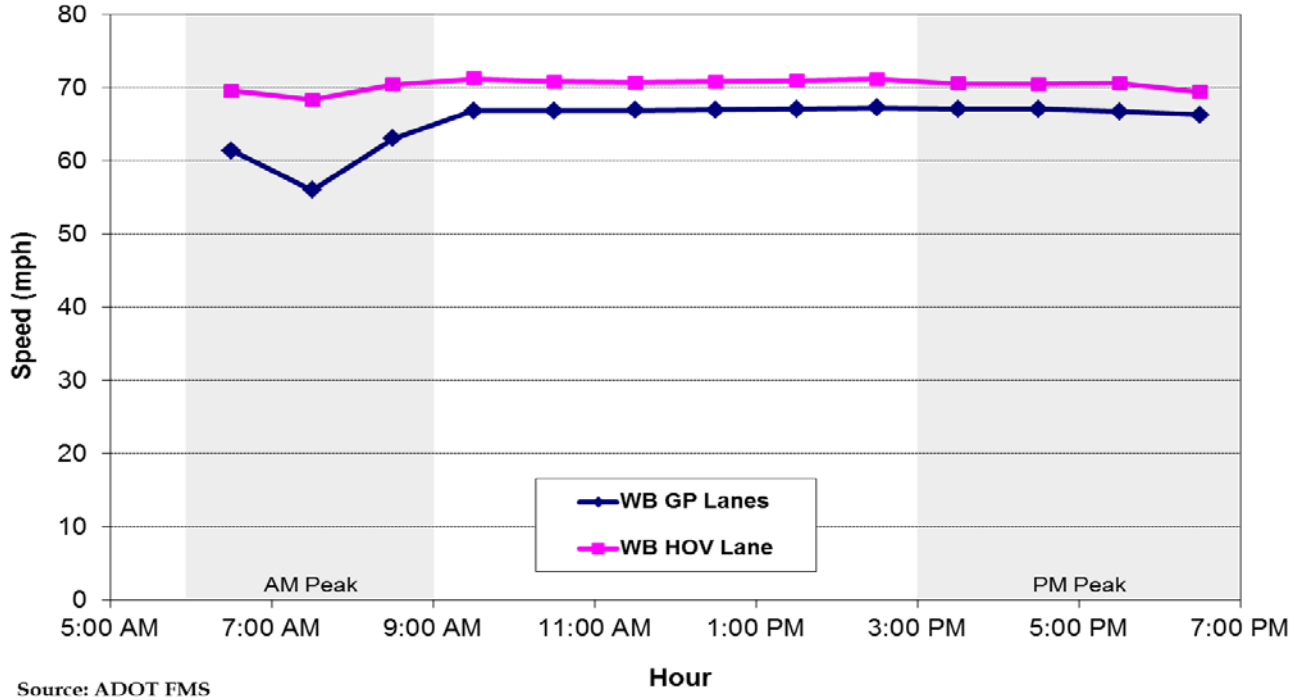
US-60 Eastbound: Loop 101 to Val Vista Drive



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor K

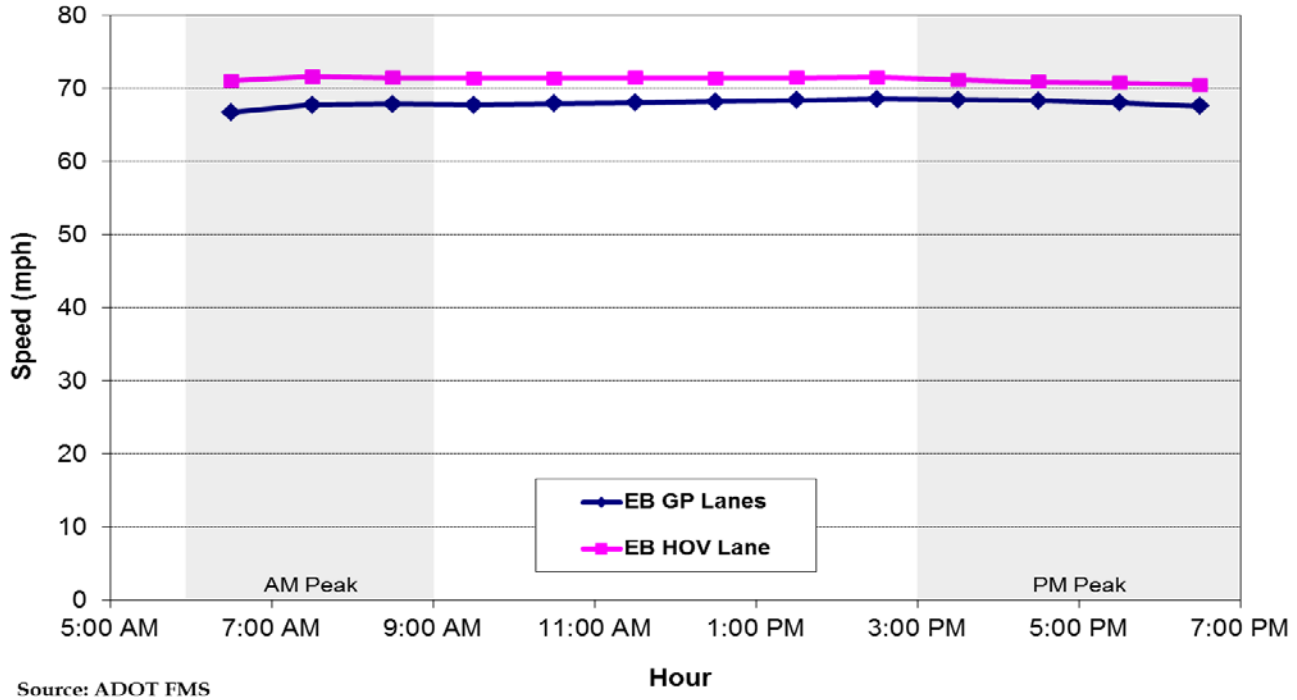
US-60 Westbound: Val Vista Drive to Loop 101



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor L

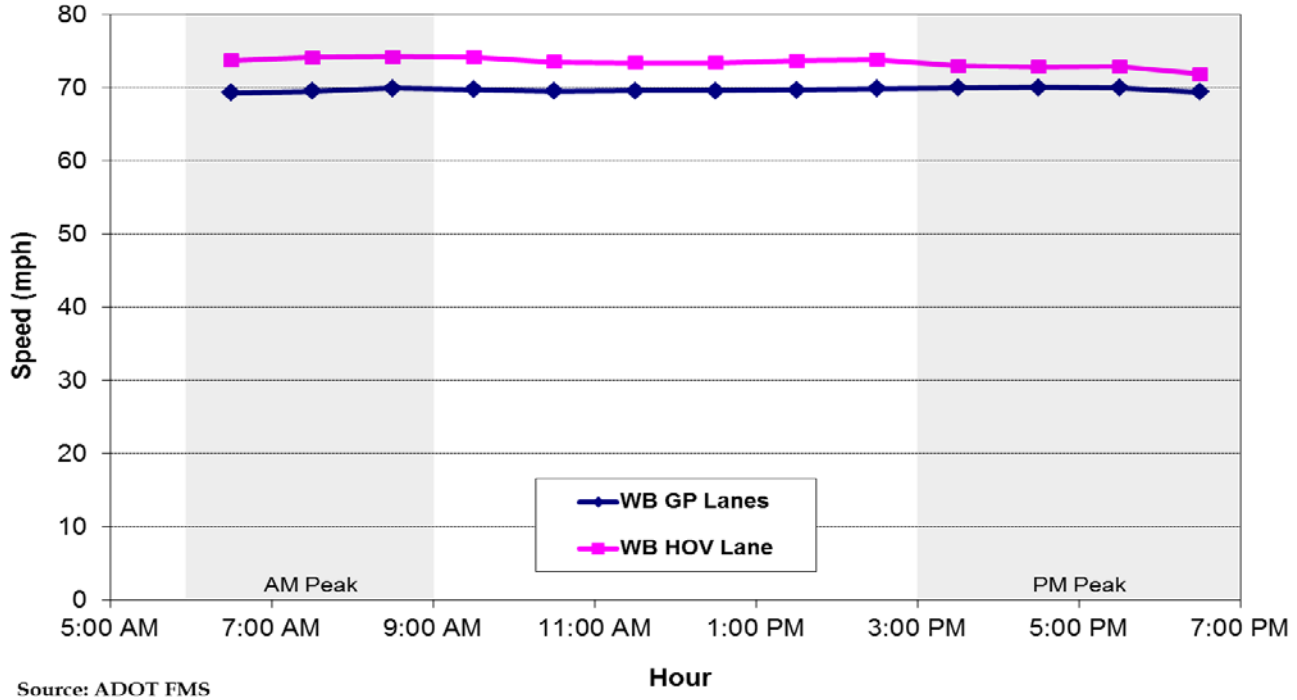
US-60 Eastbound: Val Vista Drive to Loop 202 Redtan Interchange



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor L

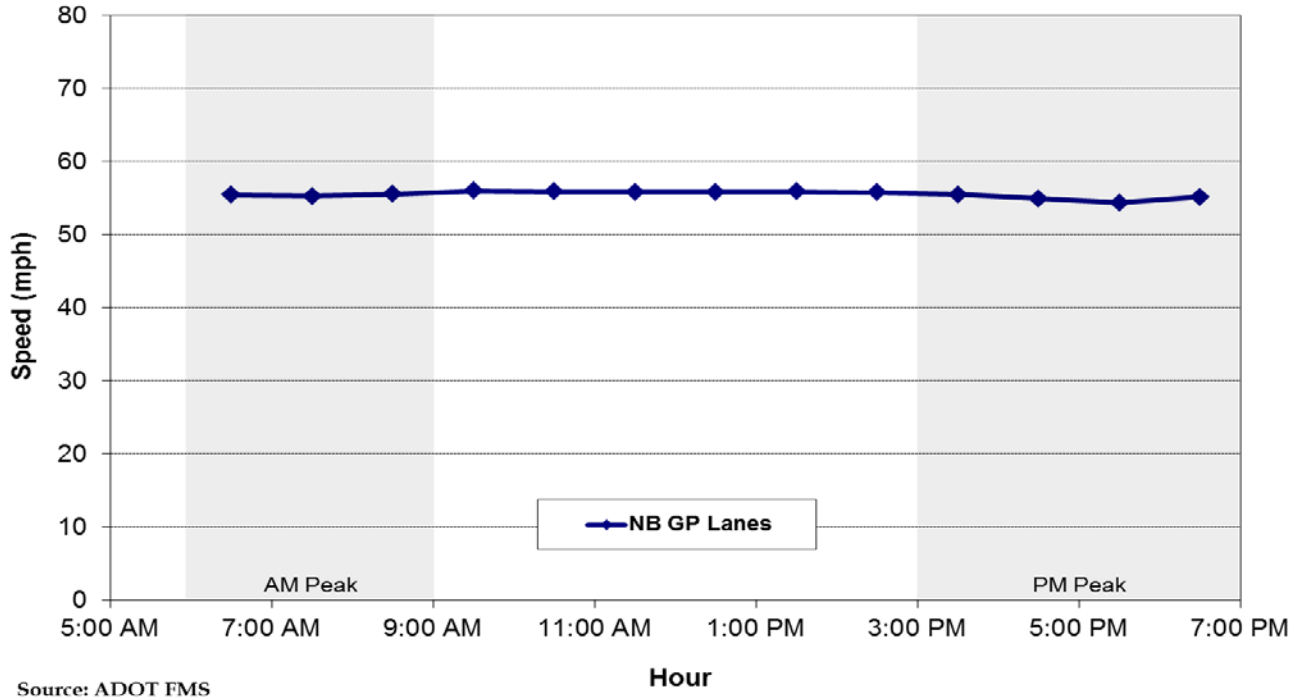
US-60 Westbound: Loop 202 Redtan Interchange to Val Vista Drive



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor M

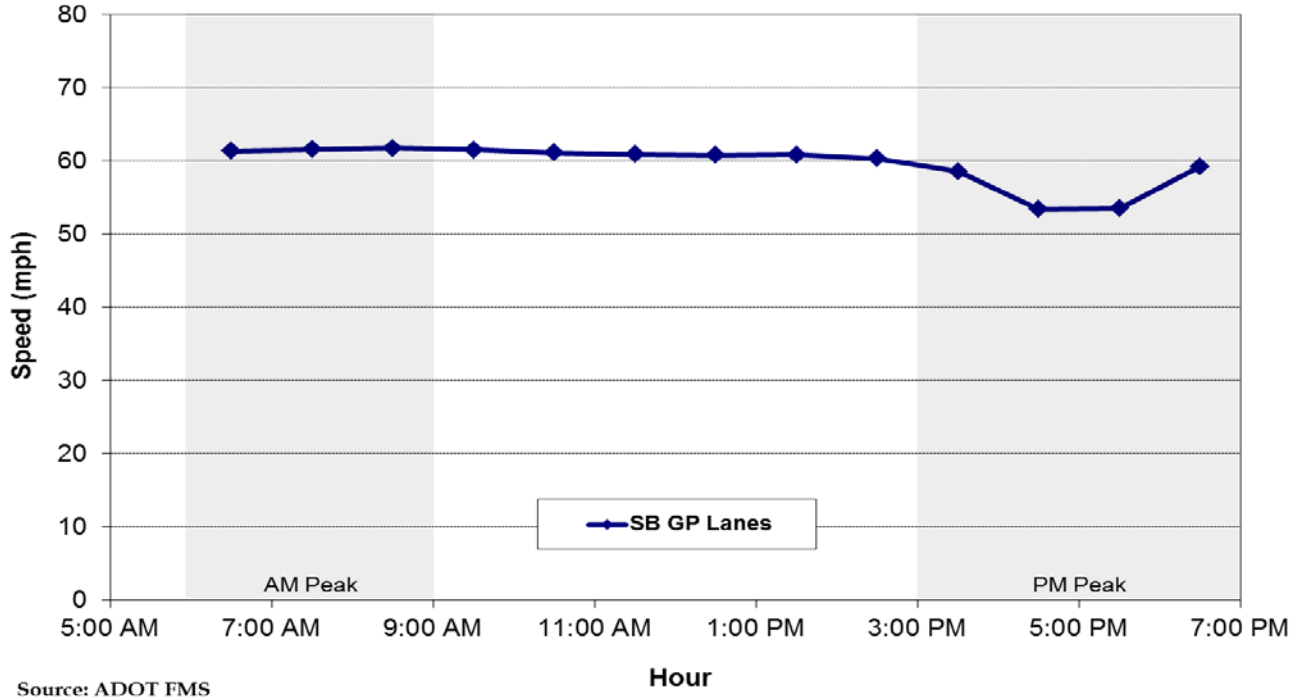
SR-143 Northbound: I-10 Maricopa Freeway to Loop 202



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor M

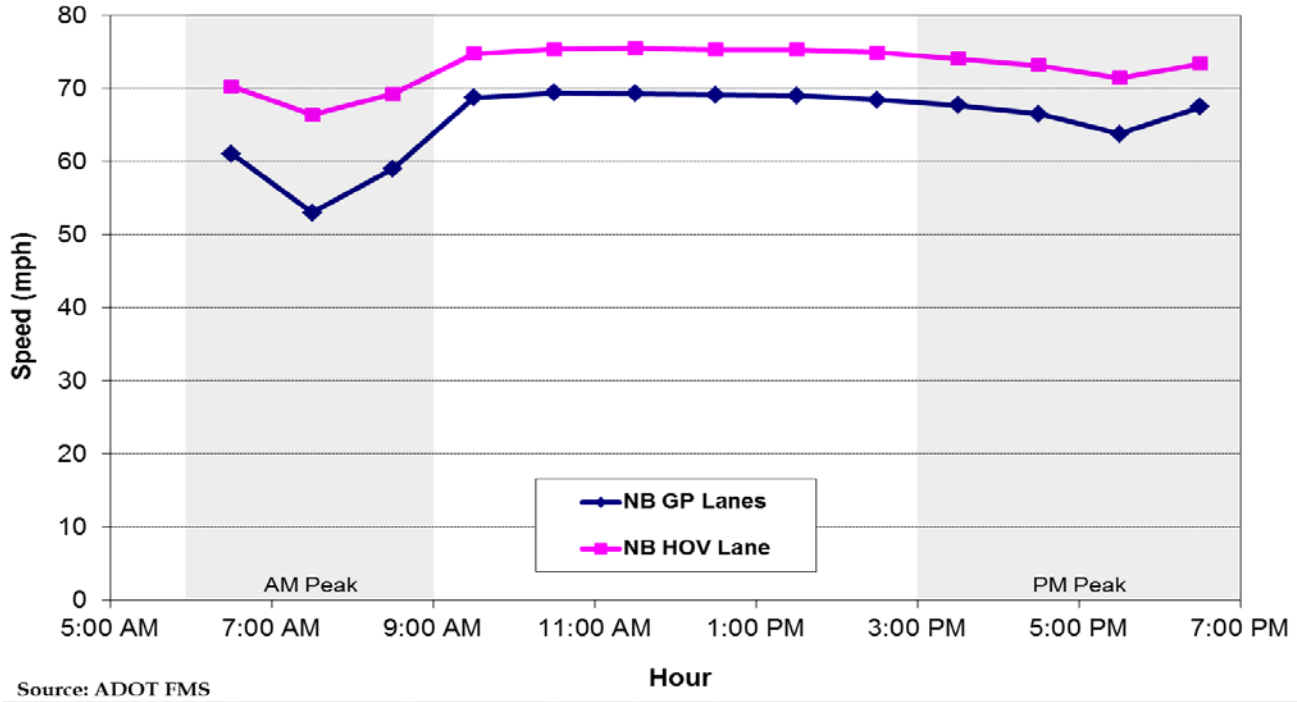
SR-143 Southbound: I-10 Maricopa Freeway to Loop 202



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor N

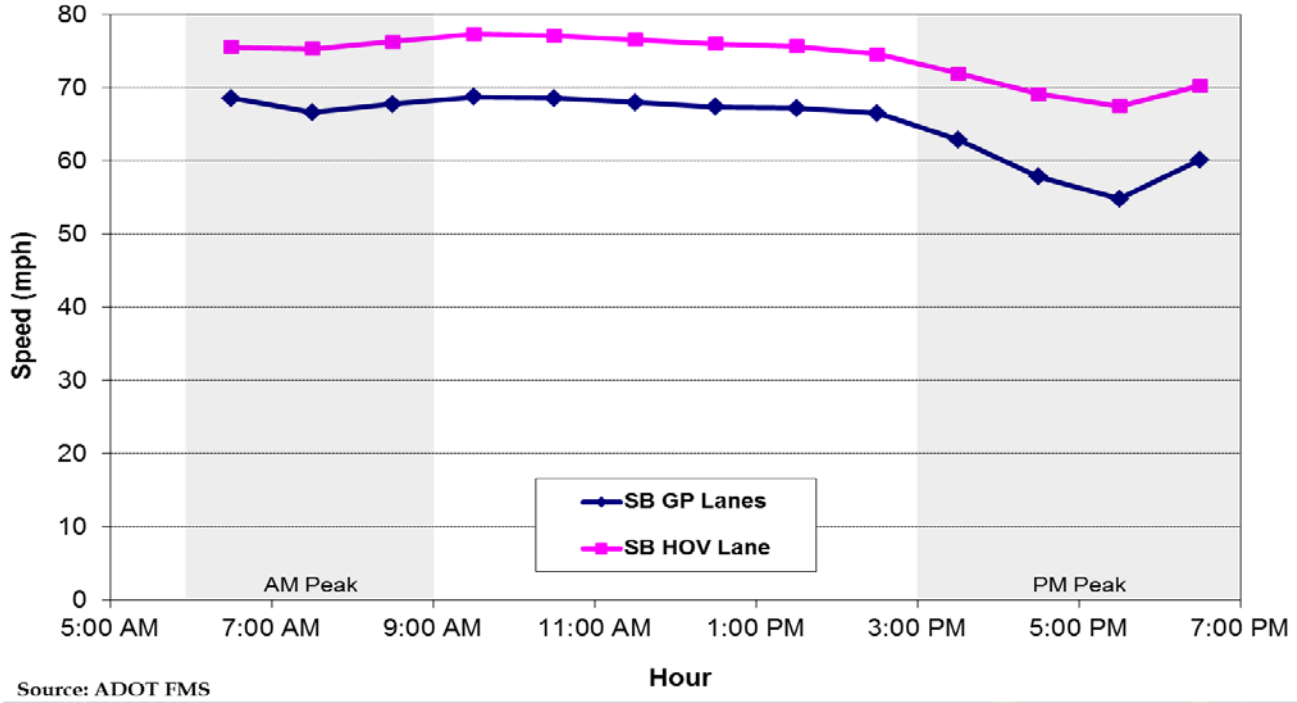
Loop 101 Northbound: Loop 202 Santan to US-60



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor N

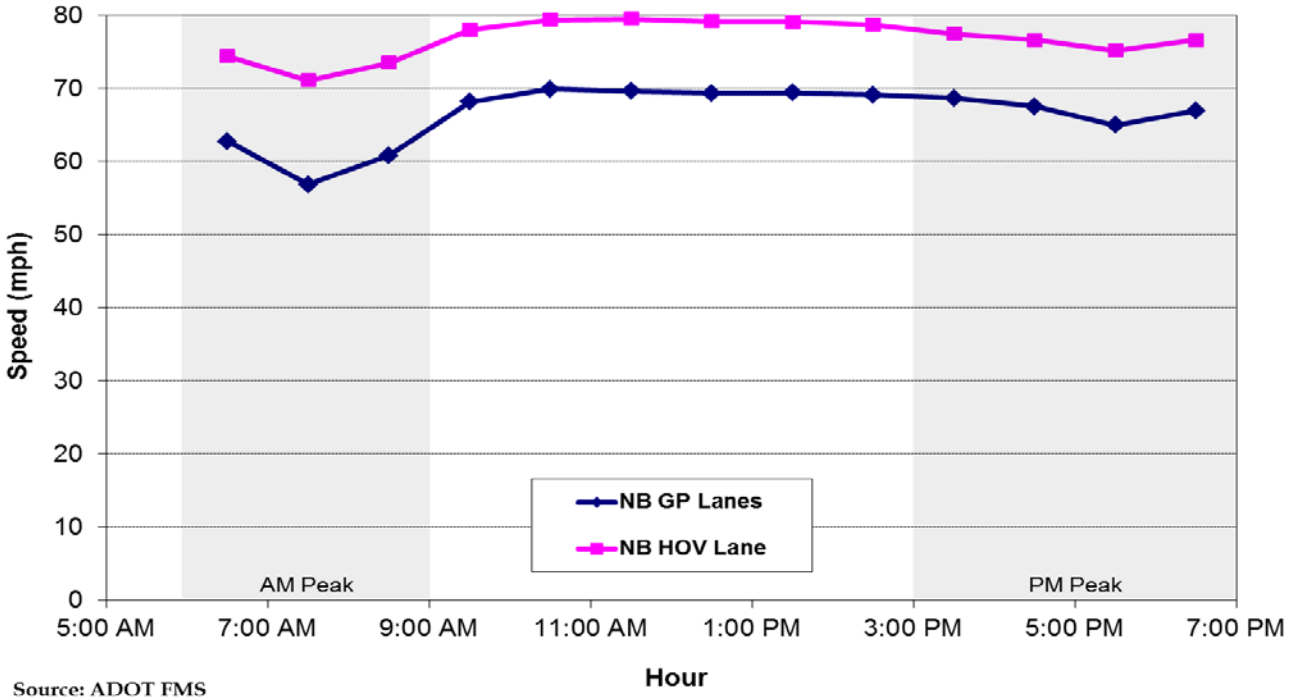
Loop 101 Southbound: US-60 to Loop 202 Santan



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor O

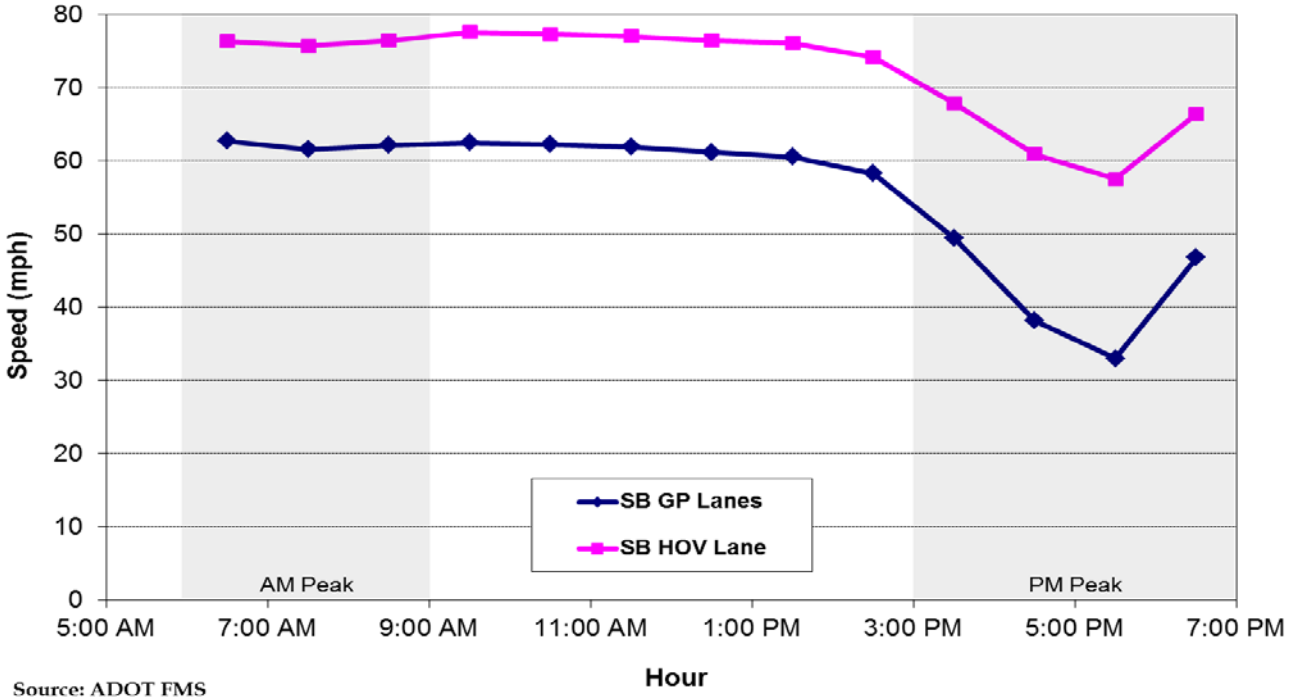
Loop 101 Northbound: US-60 to Loop 202 Red Mountain



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor O

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



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor P

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

INSUFFICIENT QUALITY OR
NOT AVAILABLE DATA

Hourly Average Speeds (2014) Corridor P

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

INSUFFICIENT QUALITY OR
NOT AVAILABLE DATA

Hourly Average Speeds (2014) Corridor Q

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

INSUFFICIENT QUALITY OR
NOT AVAILABLE DATA

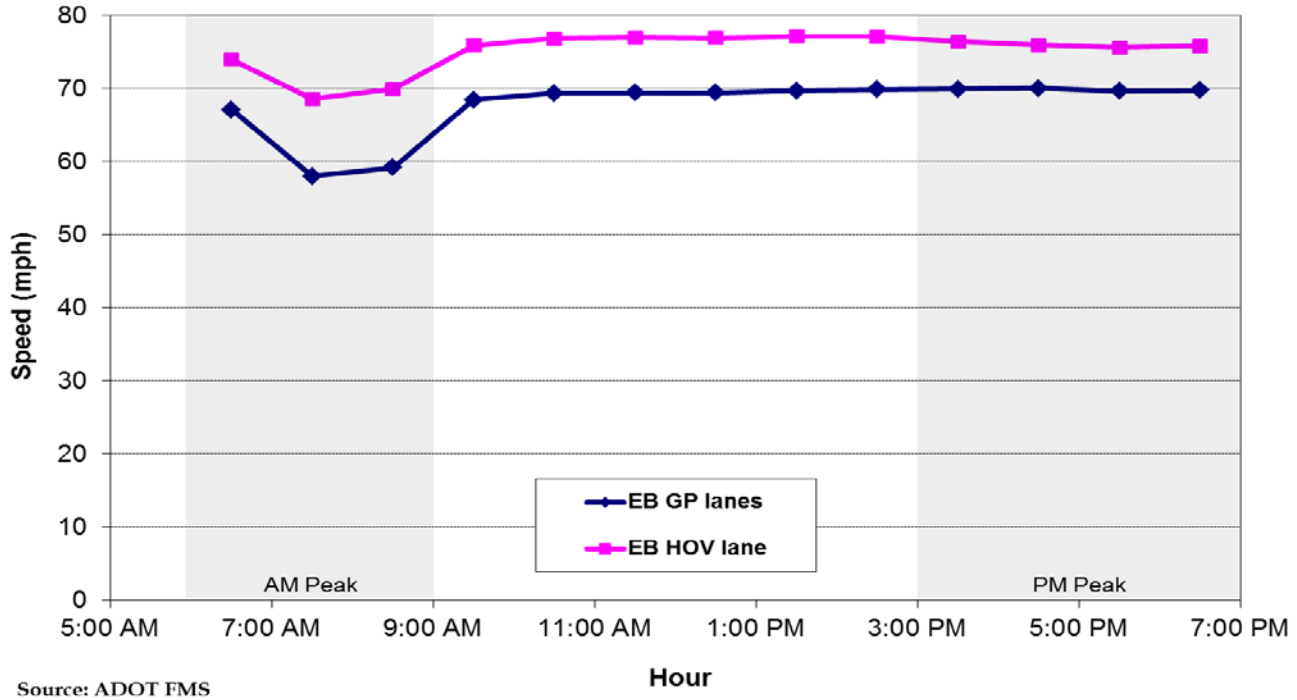
Hourly Average Speeds (2014) Corridor Q

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

INSUFFICIENT QUALITY OR
NOT AVAILABLE DATA

Hourly Average Speeds (2014) Corridor R

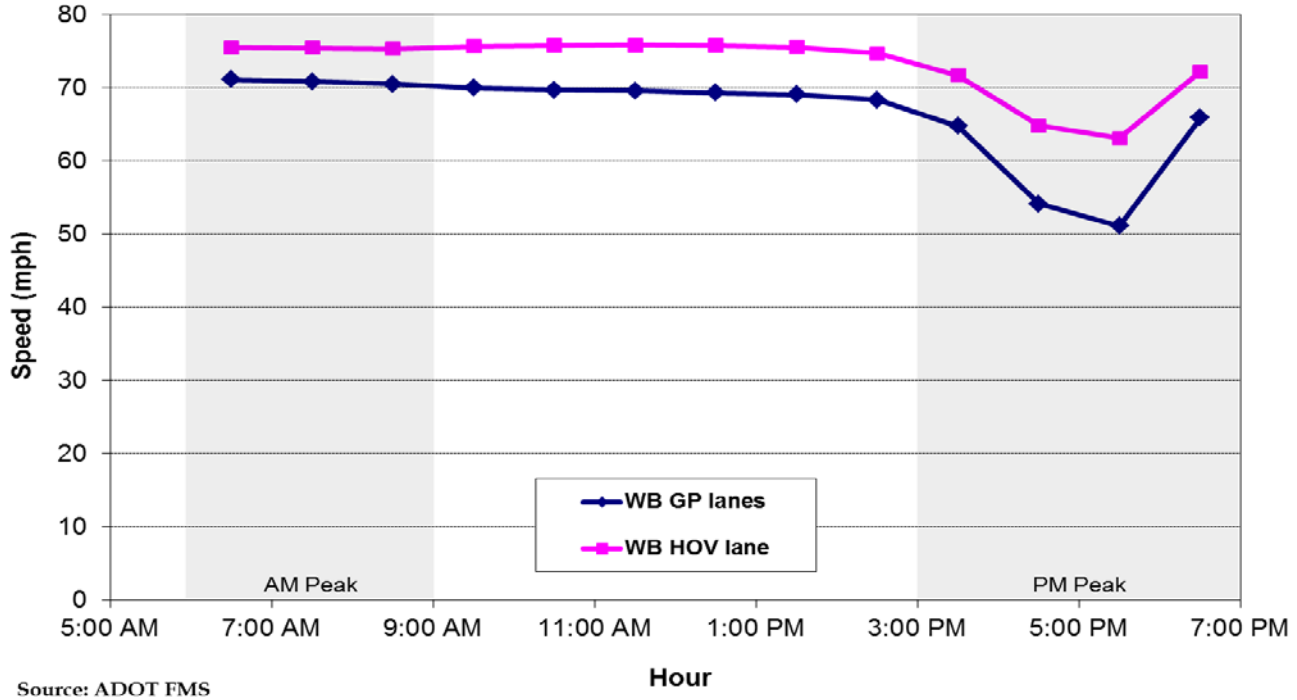
Loop 101 Eastbound: SR-51 to Pima Road/Princess Dr



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor R

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

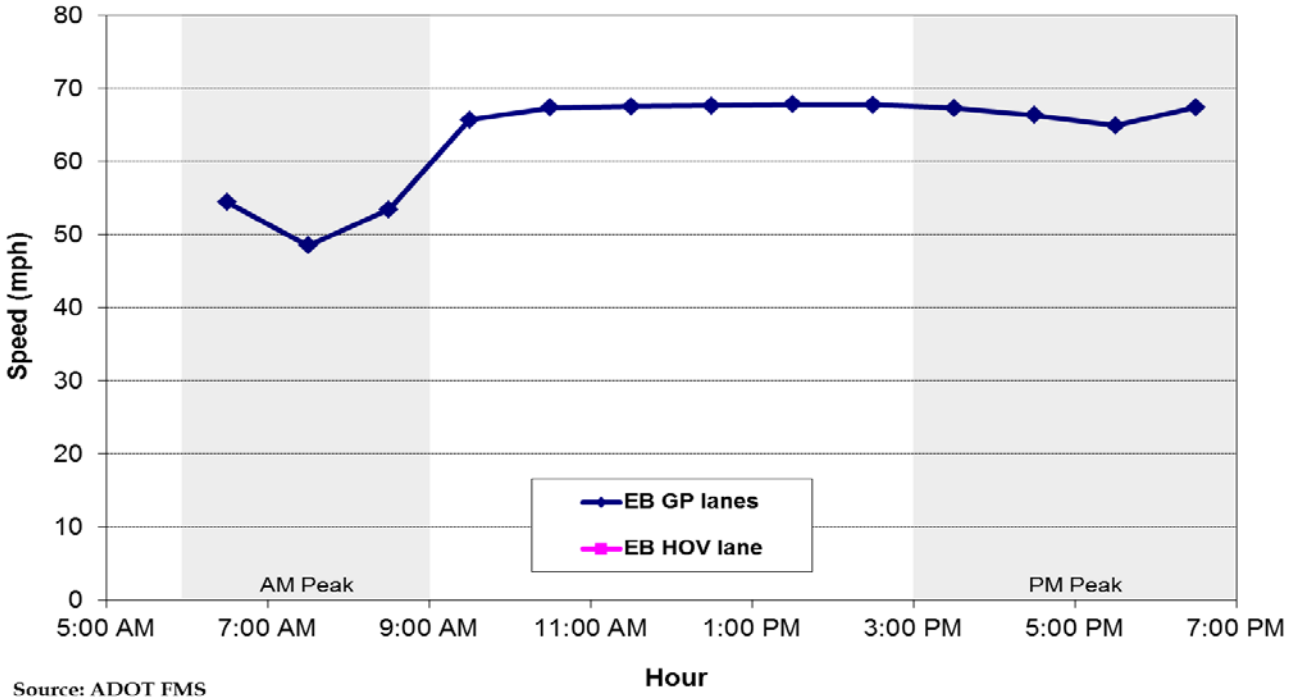


Source: ADOT FMS

HOV speed not valid

Hourly Average Speeds (2014) Corridor S

Loop 101 Eastbound: I-17 to SR-51

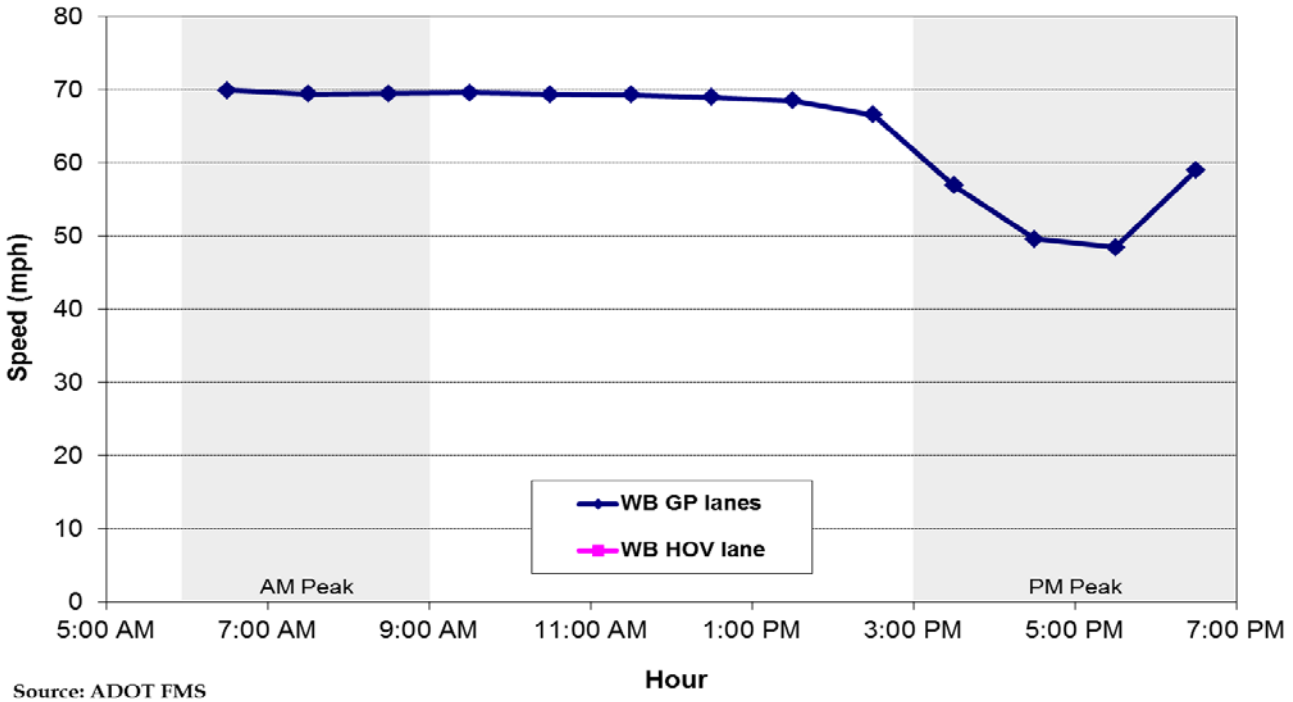


Source: ADOT FMS

HOV speed not valid

Hourly Average Speeds (2014) Corridor S

Loop 101 Westbound: SR-51 to I-17



Source: ADOT FMS

Hourly Average Speeds (2014) Corridor T

Loop 101 Eastbound: Union Hills Drive to I-17

INSUFFICIENT QUALITY OR
NOT AVAILABLE DATA

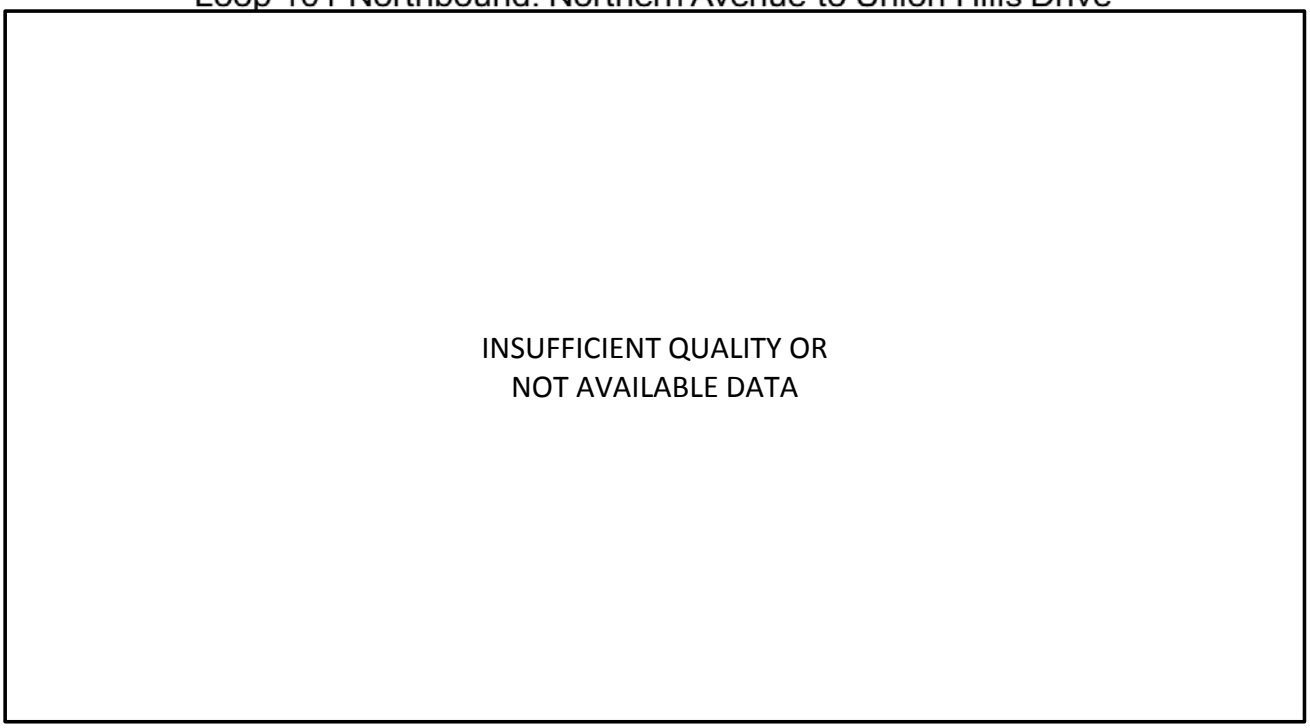
Hourly Average Speeds (2014) Corridor T

Loop 101 Eastbound: Union Hills Drive to I-17

INSUFFICIENT QUALITY OR
NOT AVAILABLE DATA

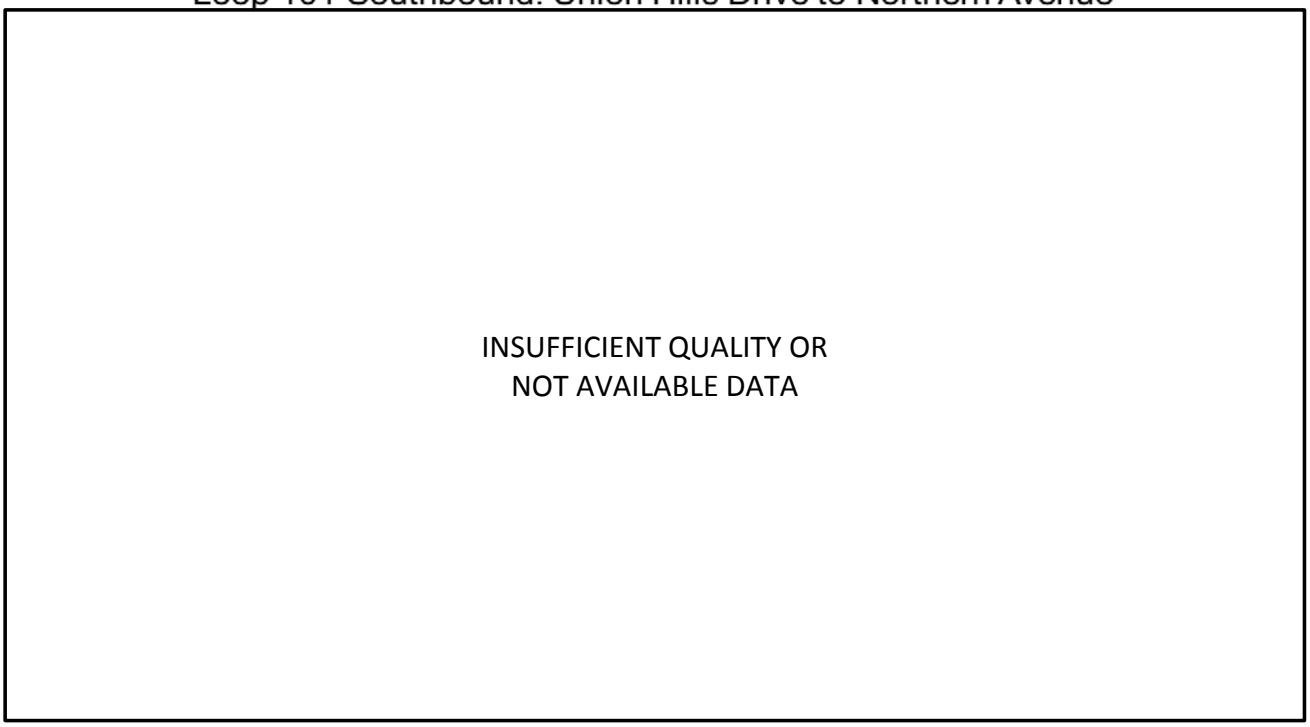
Hourly Average Speeds (2014) Corridor U

Loop 101 Northbound: Northern Avenue to Union Hills Drive



Hourly Average Speeds (2014) Corridor U

Loop 101 Southbound: Union Hills Drive to Northern Avenue



Hourly Average Speeds (2014) Corridor V

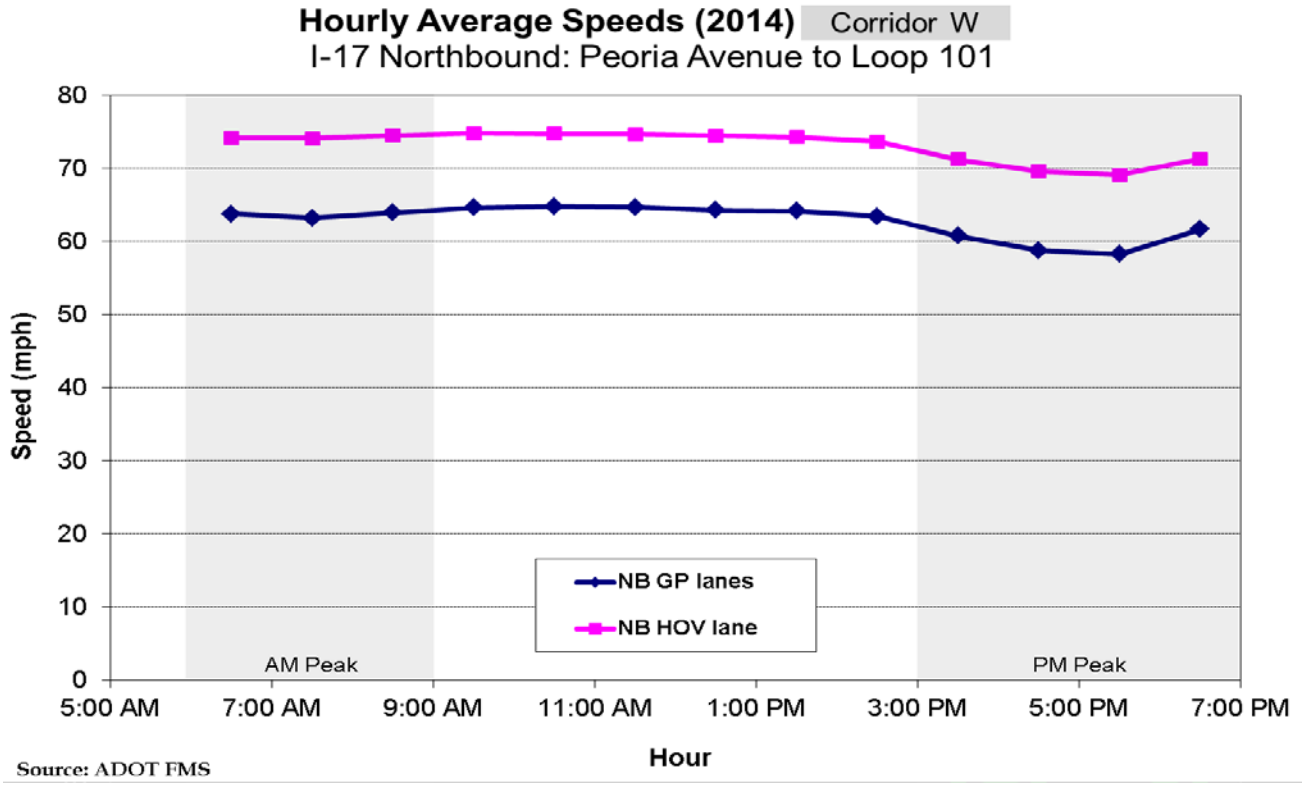
Loop 101 Northbound: I-10 to Northern Avenue

INSUFFICIENT QUALITY OR
NOT AVAILABLE DATA

Hourly Average Speeds (2014) Corridor V

Loop 101 Southbound: Northern Avenue to I-10

INSUFFICIENT QUALITY OR
NOT AVAILABLE DATA



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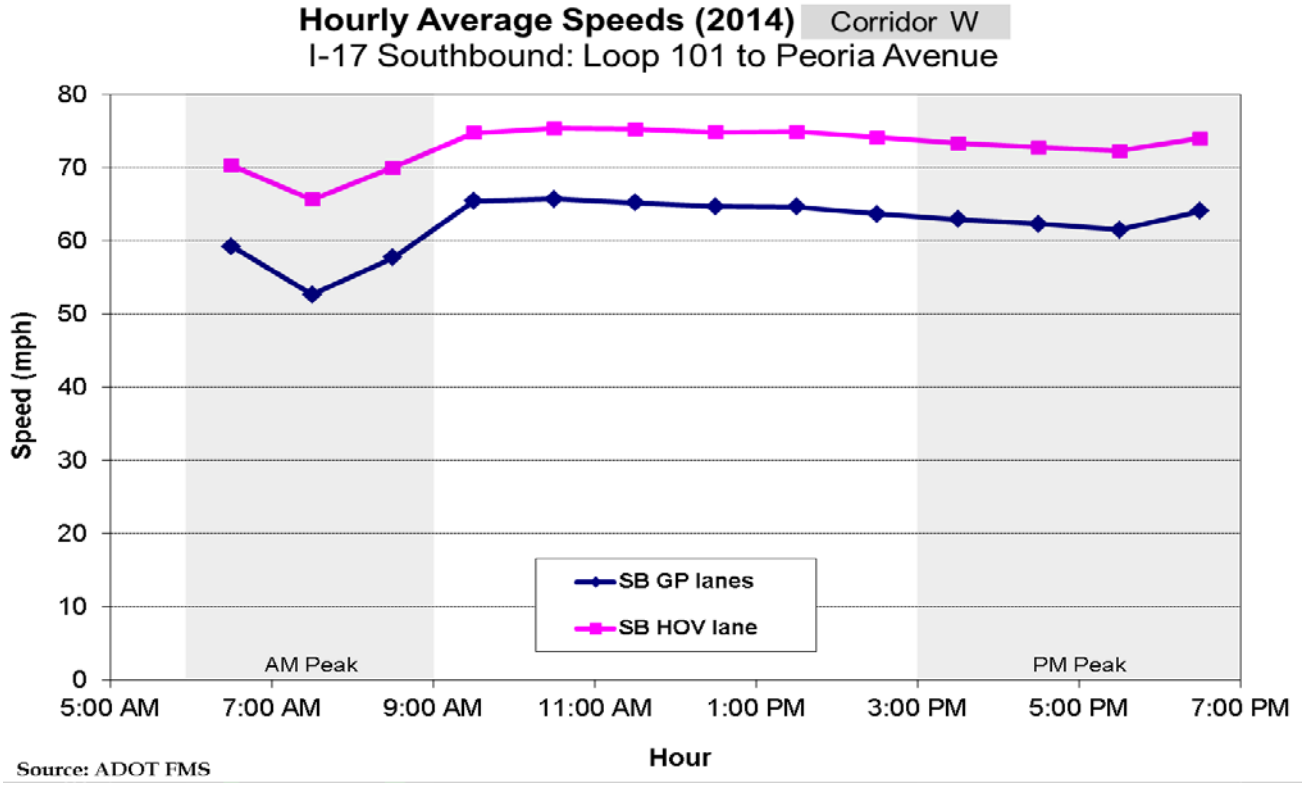

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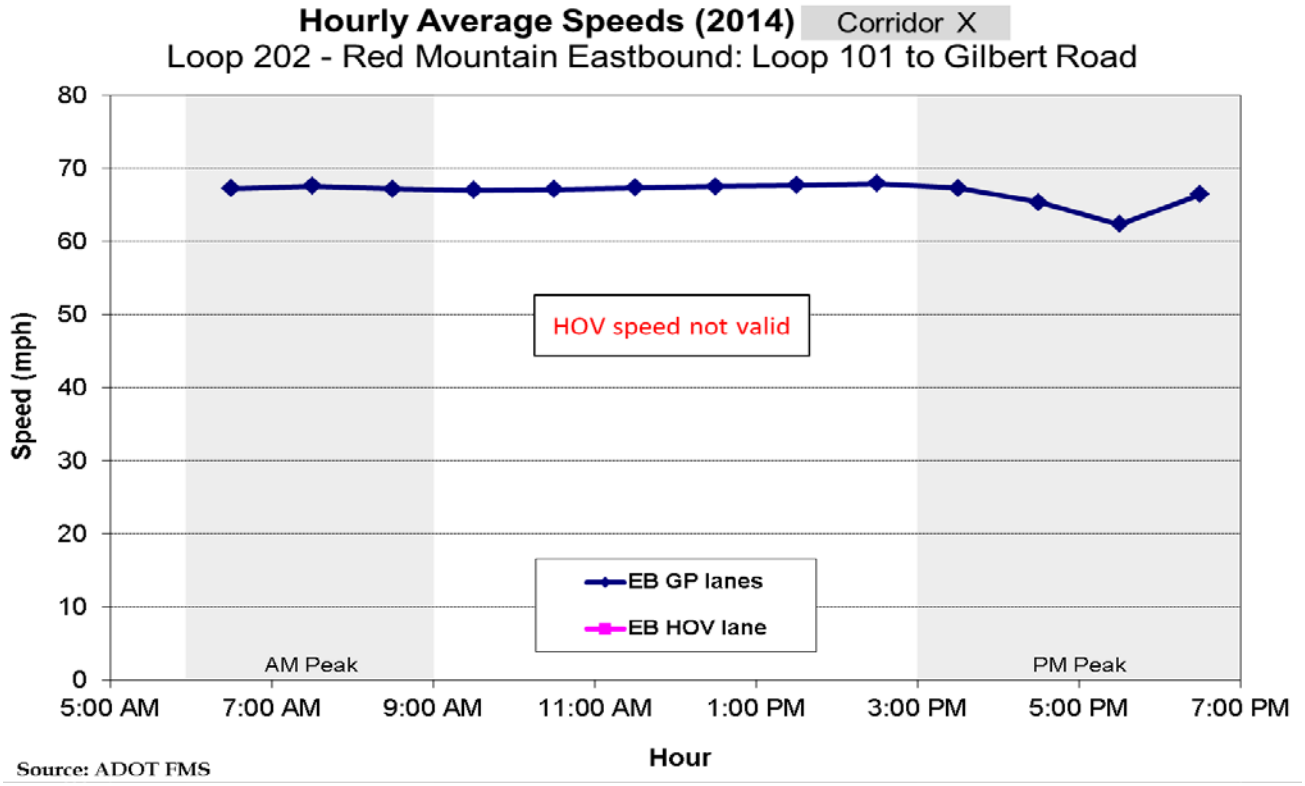

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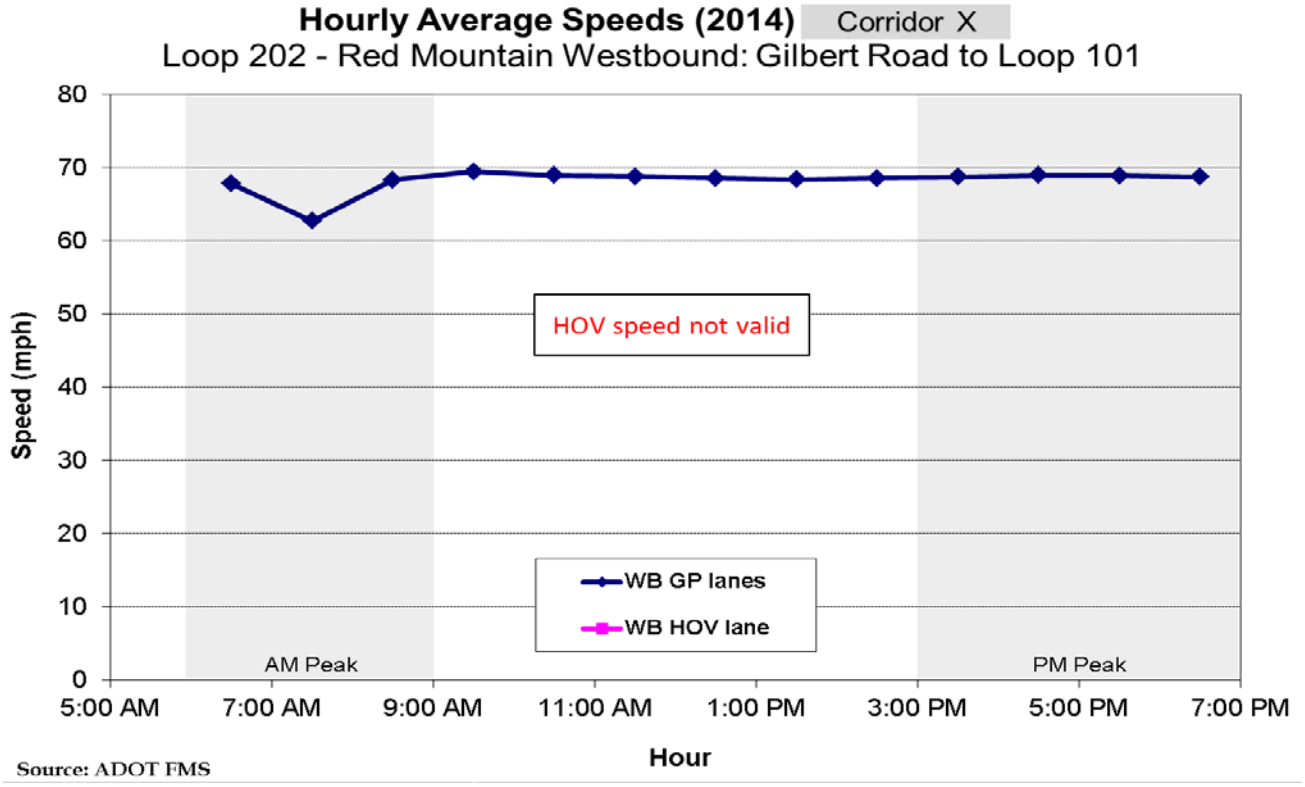

Source: ADOT FMS