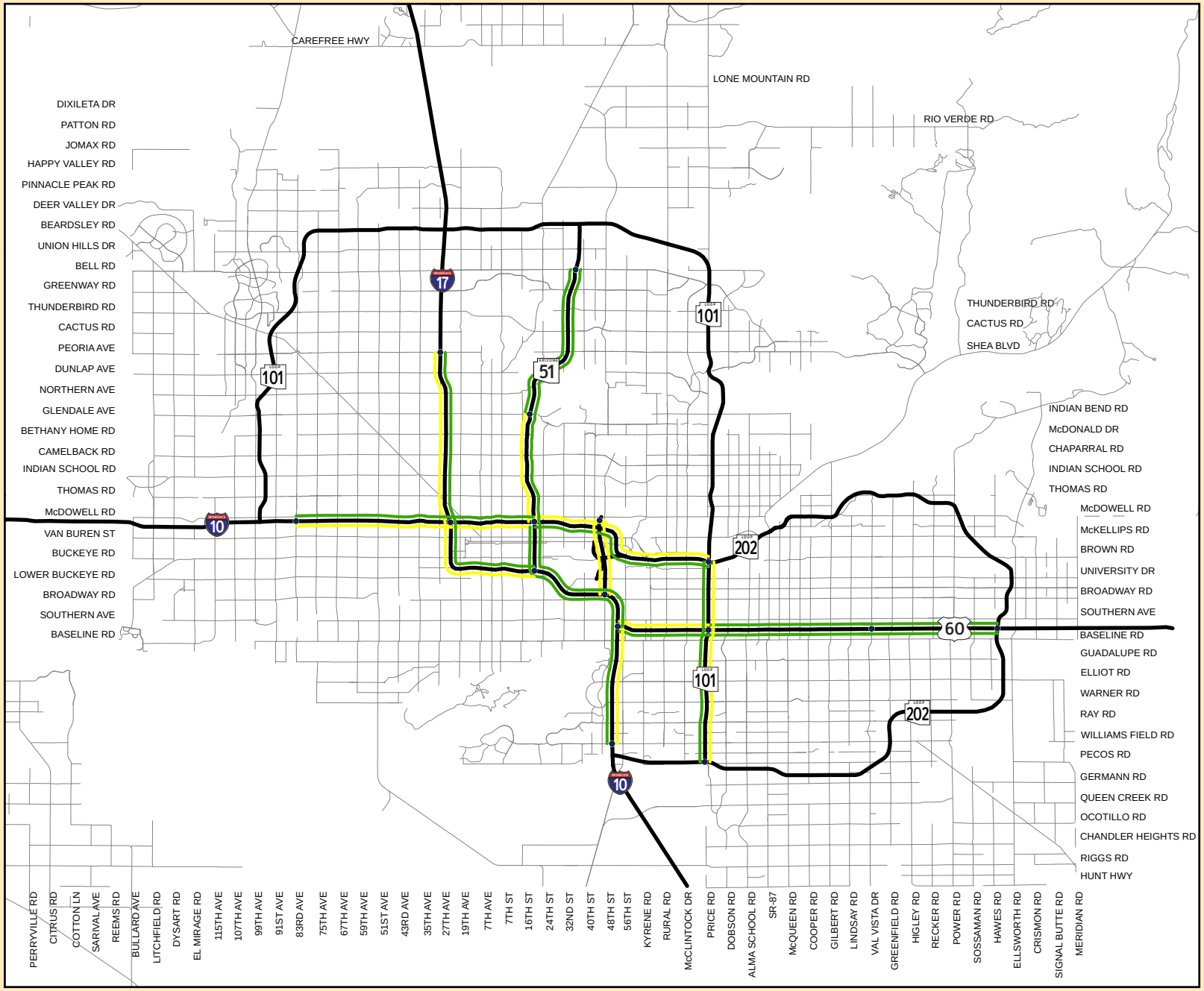
Figure 2.11

MARICOPA ASSOCIATION of GOVERNMENTS

Performance Measures Study

Average AM Peak Period Corridor Speeds General Purpose Lanes



Legend

Average Corridor Speeds (2009)

- 25 - 40 MPH
- 40 - 55 MPH
- > 55 MPH
- Existing Freeway
- Major Roads
- Corridor Breakpoint

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

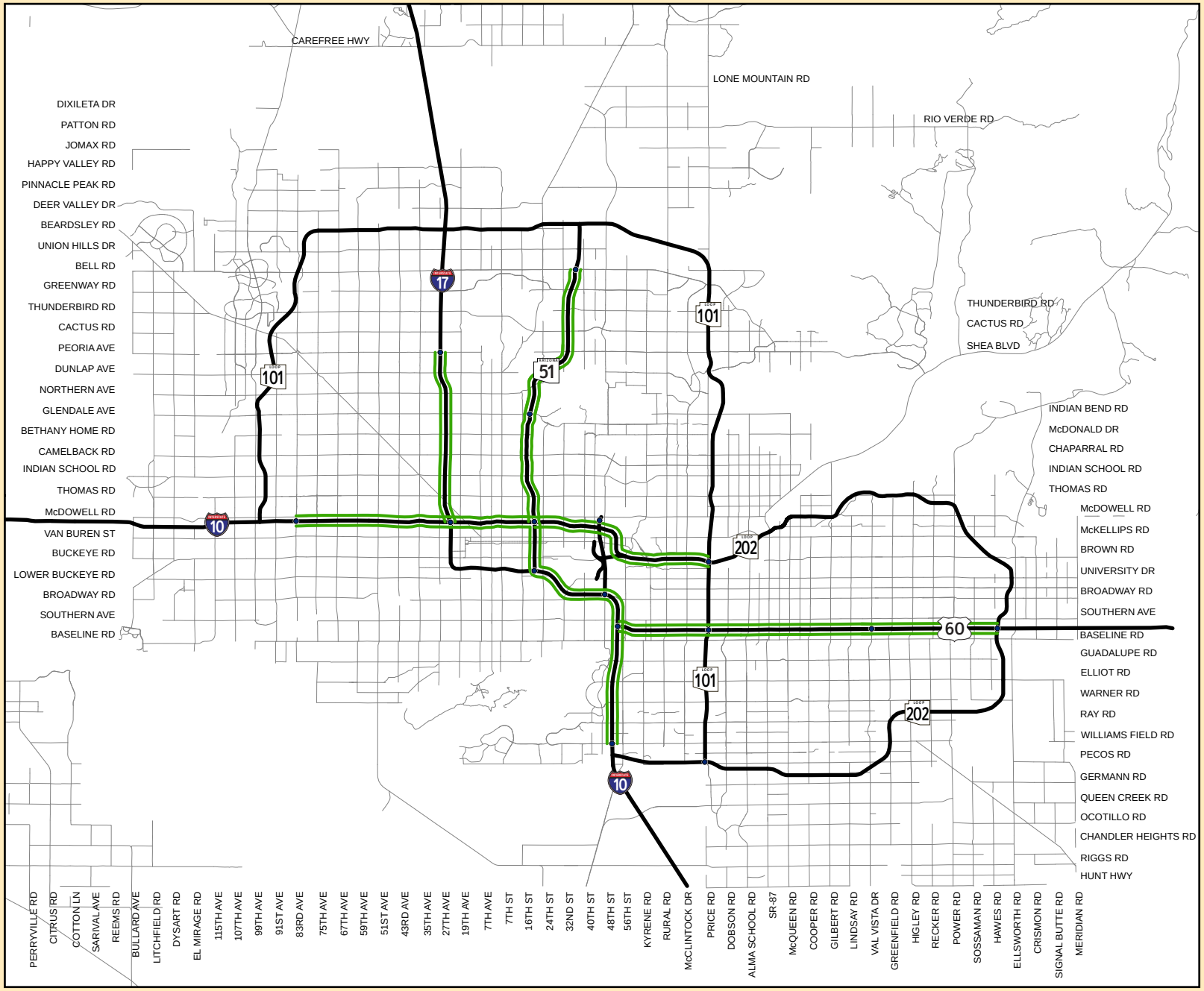
Source: Maricopa Association of Governments

Figure 2.12

MARICOPA ASSOCIATION of GOVERNMENTS

Performance Measures Study

Average AM Peak Period Corridor Speeds HOV Lanes



Legend

Average Corridor Speeds (2009)

- 25 - 40 MPH
- 40 - 55 MPH
- > 55 MPH
- Existing Freeway
- Major Roads
- Corridor Breakpoint

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

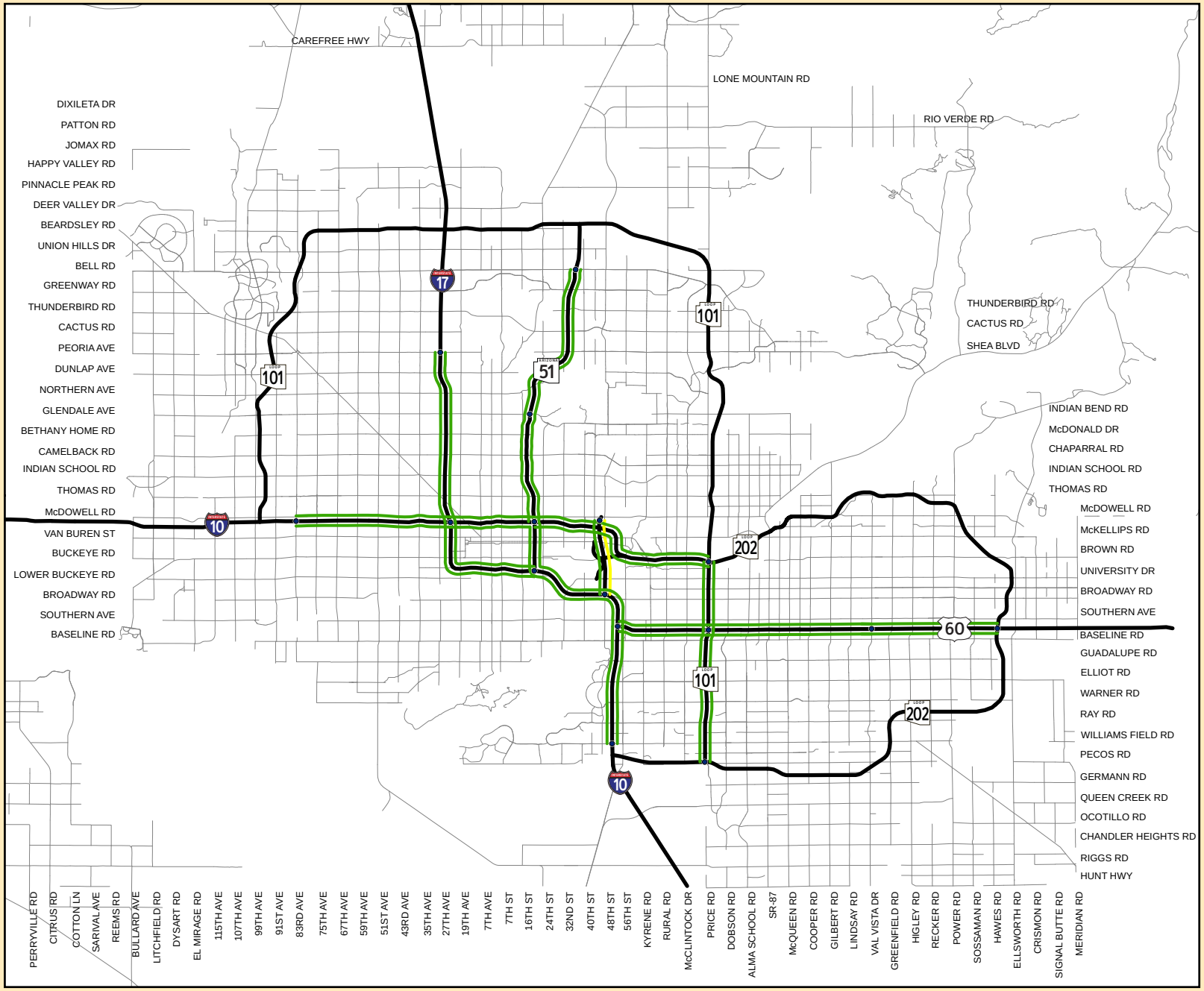
Source: Maricopa Association of Governments

Figure 2.13

MARICOPA ASSOCIATION of GOVERNMENTS

Performance Measures Study

Average Mid-day Peak Period Corridor Speeds General Purpose Lanes



Legend

Average Corridor Speeds (2009)

- 25 - 40 MPH
- 40 - 55 MPH
- > 55 MPH
- Existing Freeway
- Major Roads
- Corridor Breakpoint

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

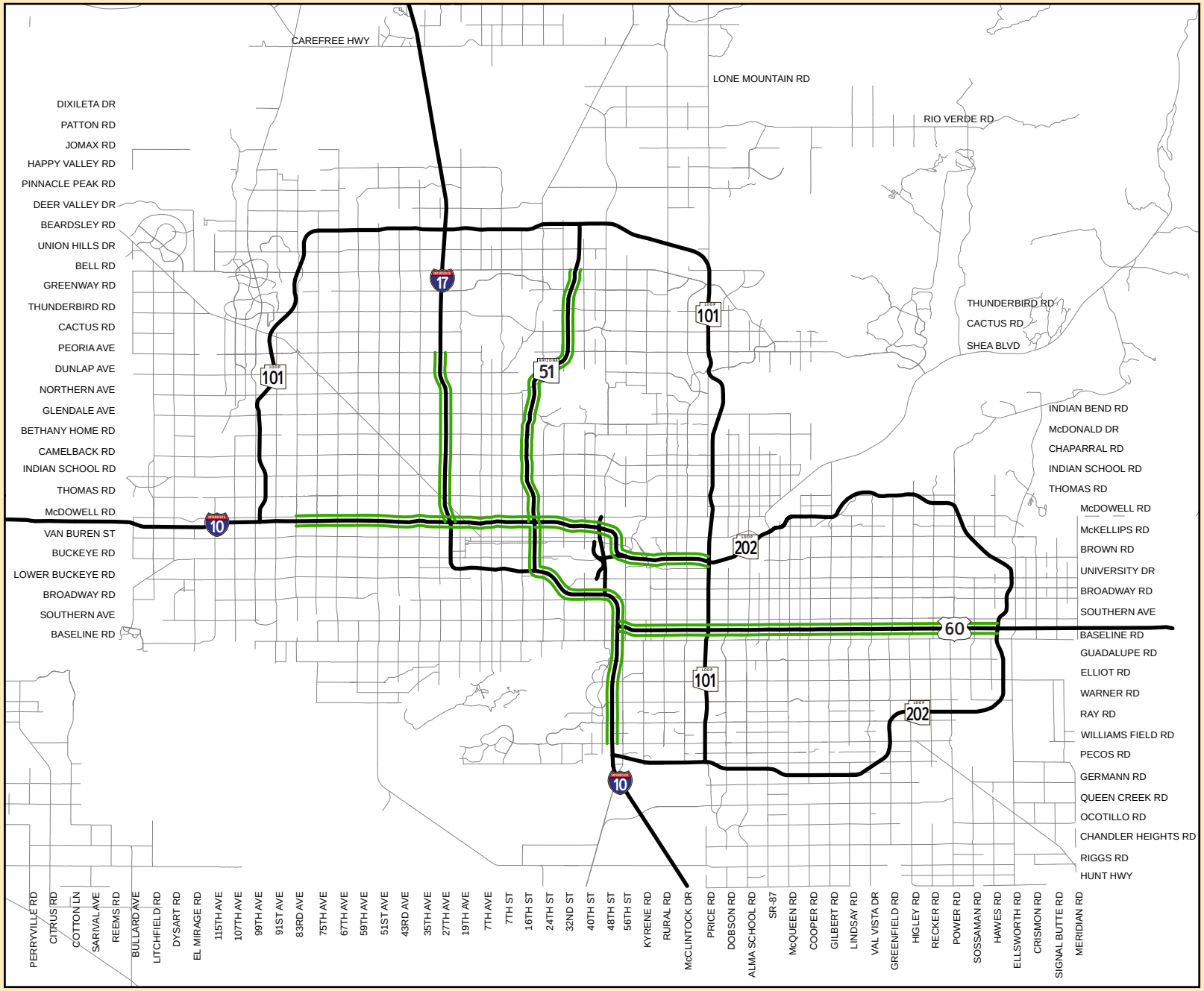
Source: Maricopa Association of Governments

Figure 2.14

MARICOPA ASSOCIATION of GOVERNMENTS

Performance Measures Study

Average Mid-day Peak Period Corridor Speeds HOV Lanes



Legend

Average Corridor Speeds (2009)

- 25 - 40 MPH
- 40 - 55 MPH
- > 55 MPH
- Existing Freeway
- Major Roads
- Corridor Breakpoint

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

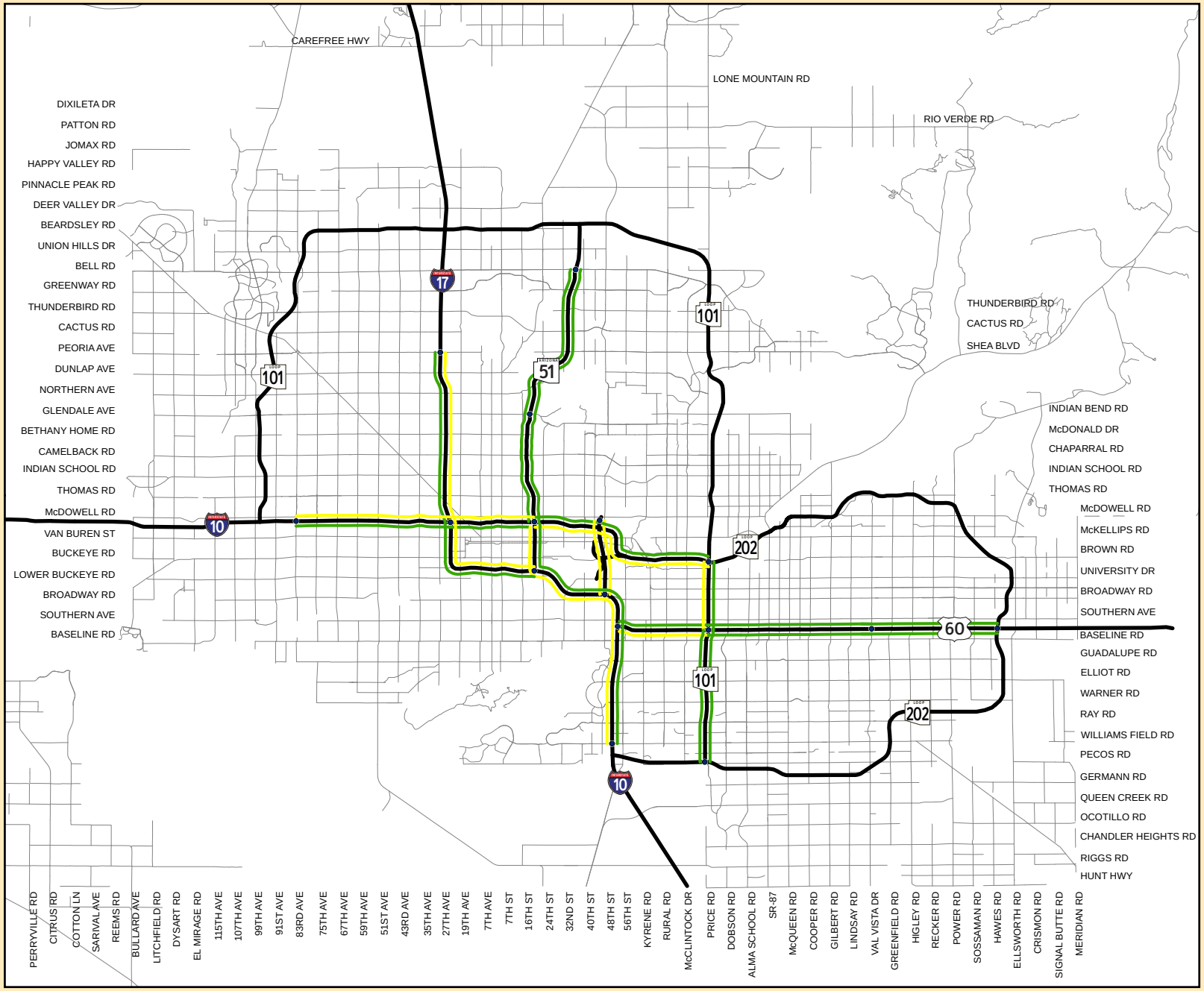
Source: Maricopa Association of Governments

Figure 2.15

MARICOPA ASSOCIATION of GOVERNMENTS

Performance Measures Study

Average PM Peak Period Corridor Speeds General Purpose Lanes



Legend

Average Corridor Speeds (2009)

- 25 - 40 MPH
- 40 - 55 MPH
- > 55 MPH
- Existing Freeway
- Major Roads
- Corridor Breakpoint

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

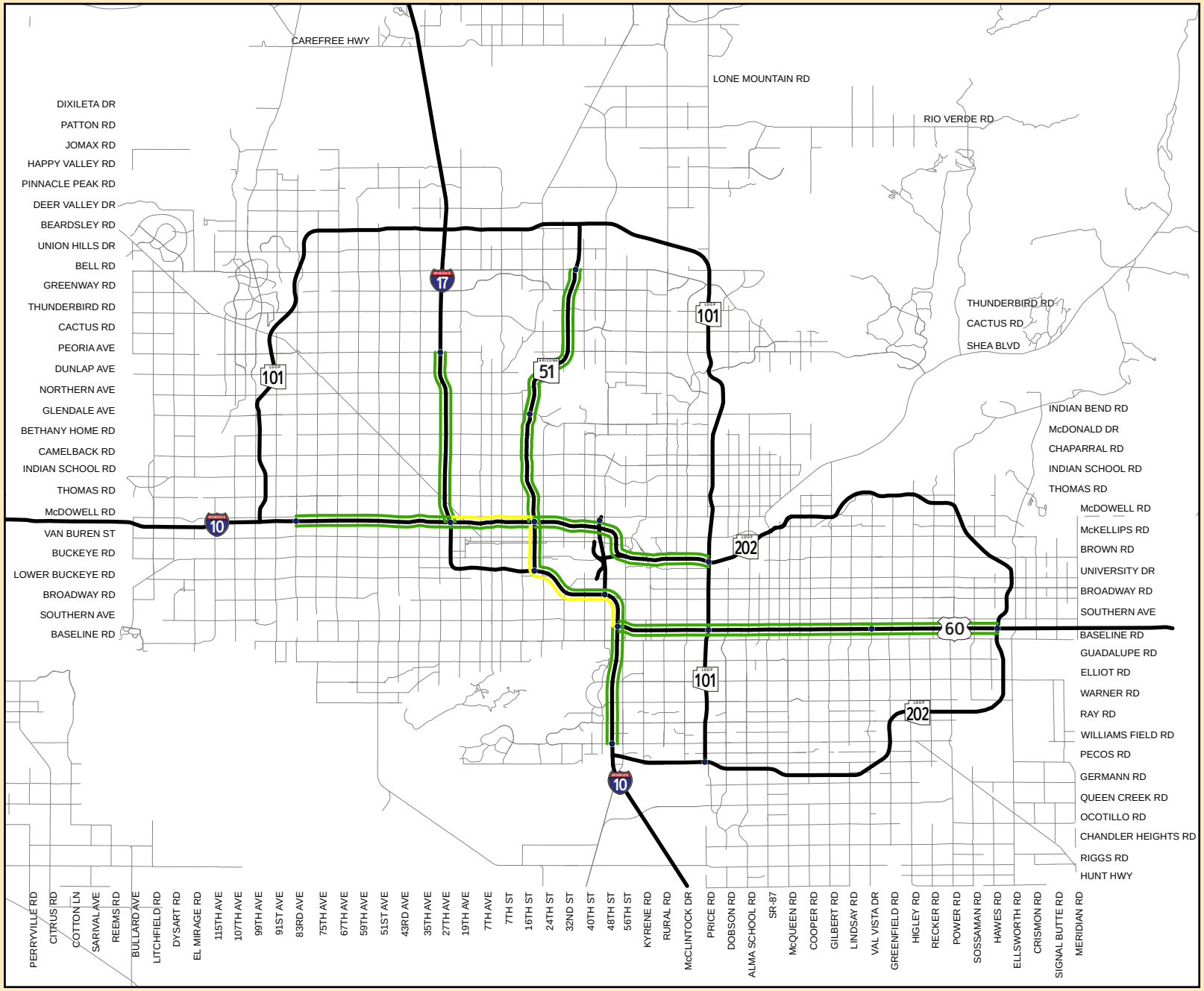
Source: Maricopa Association of Governments

Figure 2.16

MARICOPA ASSOCIATION of GOVERNMENTS

Performance Measures Study

Average PM Peak Period Corridor Speeds HOV Lanes



Legend

Average Corridor Speeds (2009)

- 25 - 40 MPH
- 40 - 55 MPH
- > 55 MPH
- Existing Freeway
- Major Roads
- Corridor Breakpoint

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 25 Miles

N

Source: Maricopa Association of Governments

Results for Annual Average AM Peak Period Speed by Corridor

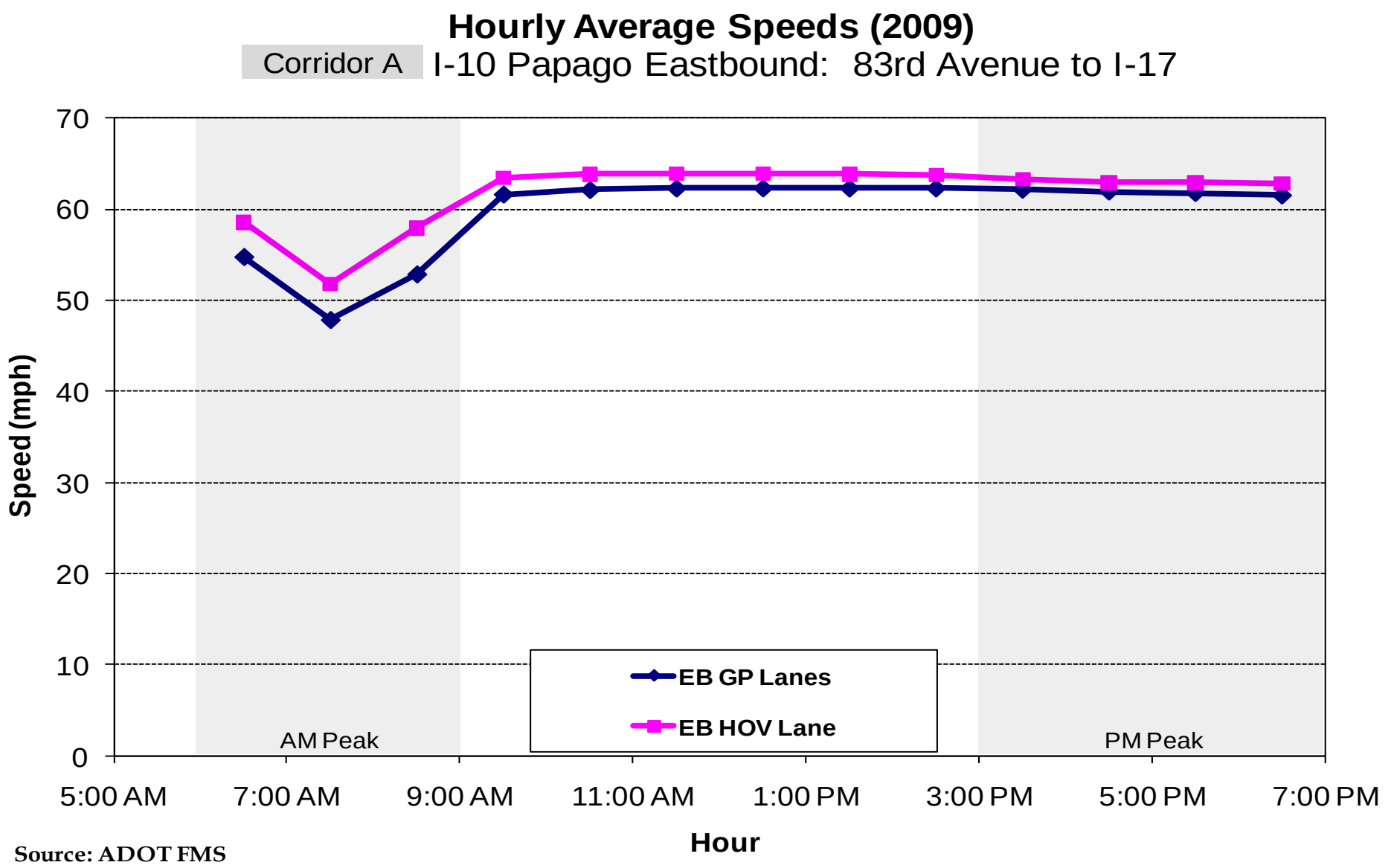
Corridor ID	Analysis Corridor	Dir	From	To	Average AM Peak Period Speed (mph)					
					General-purpose Lanes			HOV Lanes		
					2008	2009	% Change	2008	2009	% Change
A	I-10 Papago	EB	83rd Avenue	I-17	49	52	5.78%	53	56	5.52%
		WB	I-17	83rd Avenue	61	60	-1.67%	62	61	-1.22%
B	I-10 Papago	EB	I-17	SR 51/Loop 202	50	52	5.63%	58	63	7.06%
		WB	SR 51/Loop 202	I-17	58	57	-1.33%	65	64	-1.34%
C	I-10 Maricopa	EB	SR 51/Loop 202	U.S. 60	60	61	1.49%	65	65	-1.07%
		WB	U.S. 60	SR 51/Loop 202	57	58	1.44%	61	61	-0.50%
D	I-10 Maricopa	EB	U.S. 60	Chandler Blvd	64	63	-0.60%	69	67	-2.42%
		WB	Chandler Blvd	U.S. 60	40	43	7.21%	58	60	3.51%
E	I-17	NB	Maricopa TI	I-10	59	58	-2.41%	no hov	no hov	-
		SB	I-10	Maricopa TI	52	54	3.86%	no hov	no hov	-
F	I-17	NB	I-10	Peoria Ave.	58	57	-1.47%	66	63	-4.34%
		SB	Peoria Ave.	I-10	49	51	2.84%	61	60	-1.61%
G	SR 51	NB	I-10/Loop 202	Glendale Avenue	62	62	-1.02%	68	67	-0.92%
		SB	Glendale Avenue	I-10/Loop 202	54	54	-1.37%	61	59	-3.45%
H	SR 51	NB	Glendale Avenue	Bell Road	64	64	-0.20%	60	61	2.51%
		SB	Bell Road	Glendale Avenue	57	61	6.73%	65	65	0.45%
I	Loop 202	EB	I-10/SR 51	Loop 101	60	59	-3.12%	66	63	-4.16%
		WB	Loop 101	I-10/SR 51	53	54	1.68%	63	62	-1.29%
J	U.S. 60	EB	I-10	Loop 101	59	58	-2.86%	63	62	-1.93%
		WB	Loop 101	I-10	46	48	4.91%	60	61	0.96%
K	U.S. 60	EB	Loop 101	Val Vista Dr.	61	60	-1.84%	64	63	-1.50%
		WB	Val Vista Dr.	Loop 101	60	59	-1.45%	63	62	-1.07%
L	U.S. 60	EB	Val Vista Dr.	Loop 202	not available	65	-	not available	69	-
		WB	Loop 202	Val Vista Dr.	not available	64	-	not available	68	-
M	SR 143	NB	I-10	Loop 202/ McDowell	56	54	-3.84%	no hov	no hov	-
		SB	Loop 202/ McDowell	I-10	58	55	-5.58%	no hov	no hov	-
N	Loop 101	NB	Loop 202 Santan	U.S. 60	61	54	-10.89%	not available	not available	-
		SB	U.S. 60	Loop 202 Santan	61	61	-0.30%	not available	not available	-
O	Loop 101	NB	U.S. 60	Loop 202 Red Mountain	46	52	13.38%	not available	not available	-
		SB	Loop 202 Red Mountain	U.S. 60	63	60	-3.85%	not available	not available	-

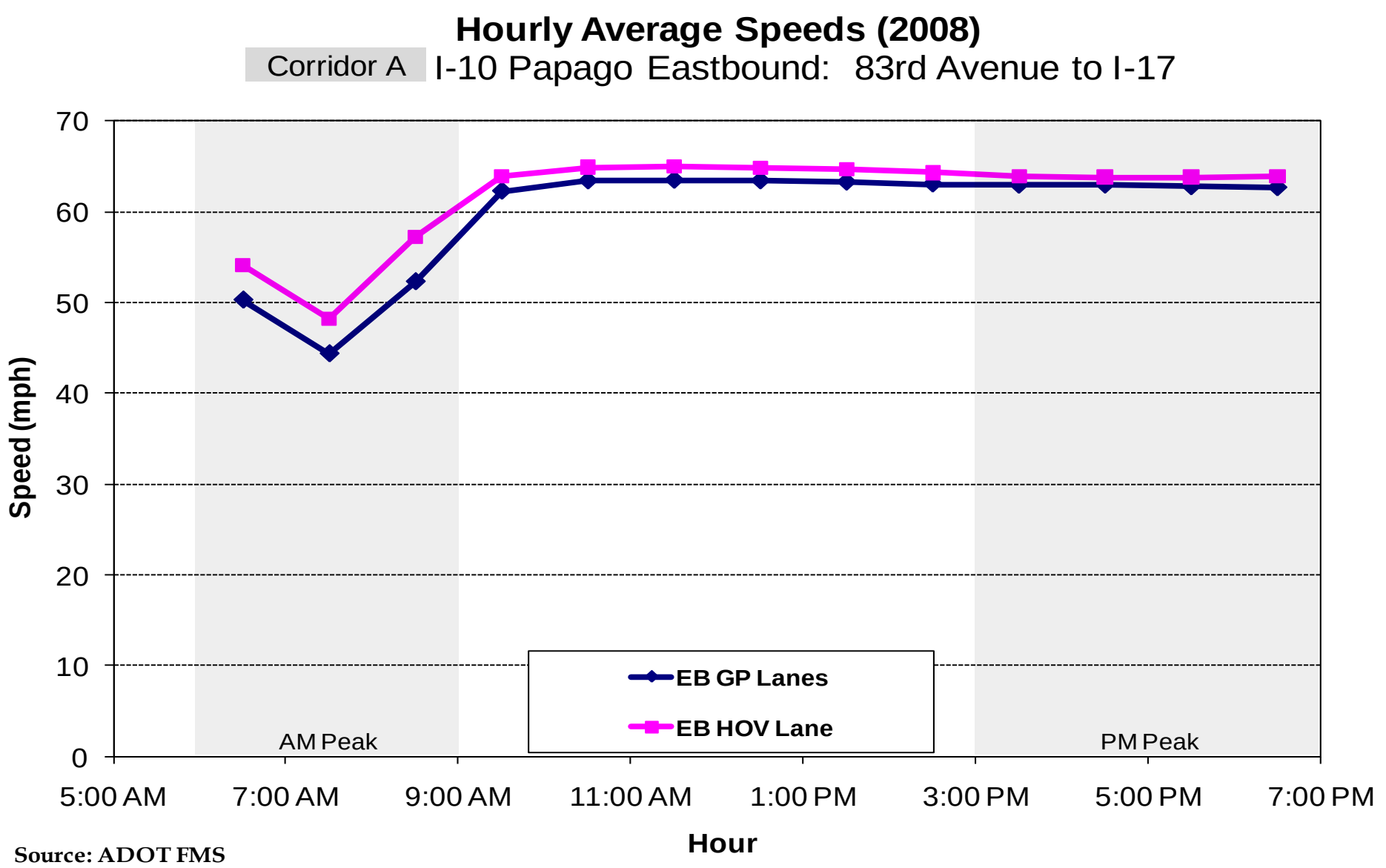
Source: ADOT FMS

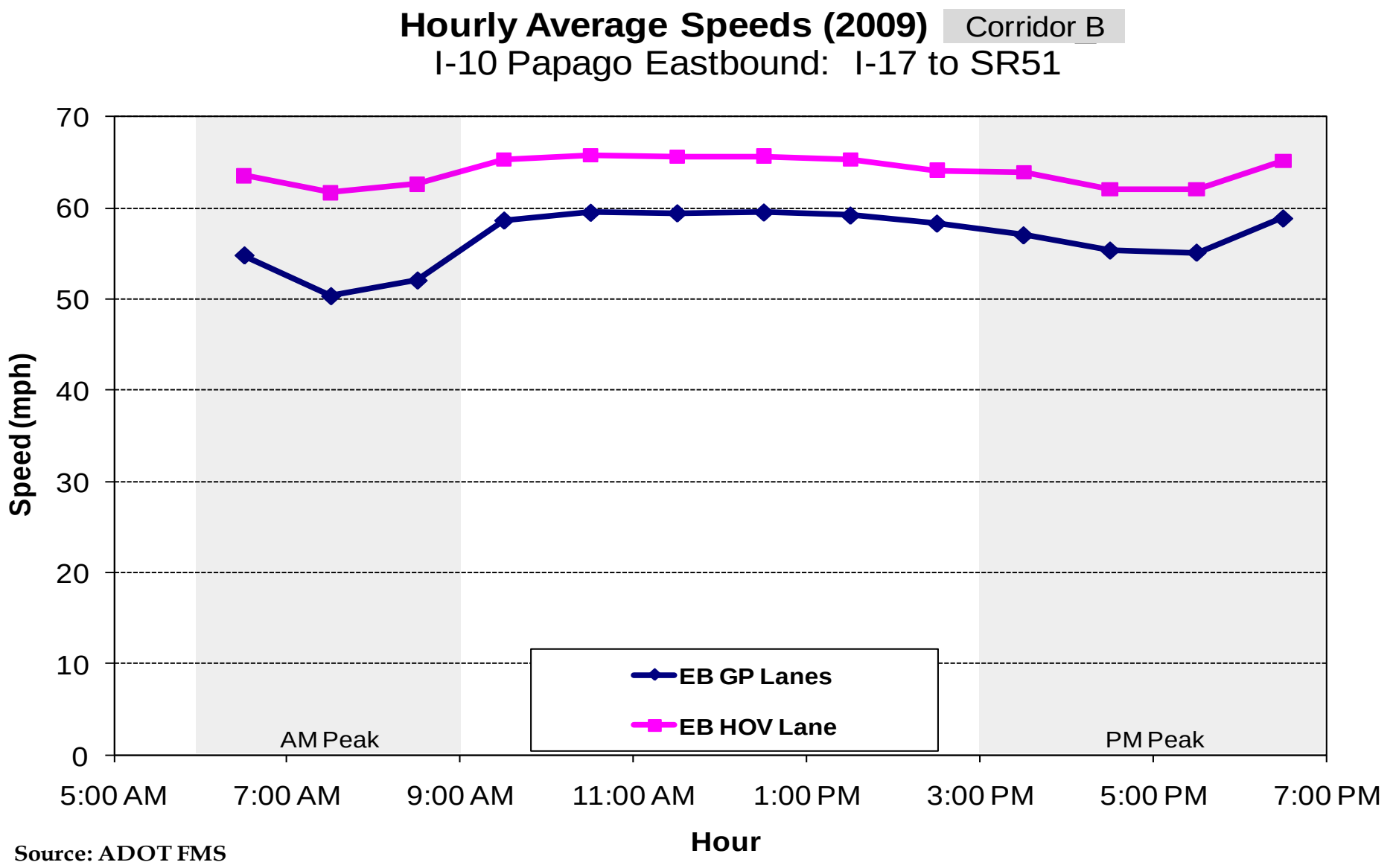
Results for Annual Average PM Peak Period Speed by Corridor

Corridor ID	Analysis Corridor	Dir	From	To	Average PM Peak Period Speed (mph)					
					General-purpose Lanes			HOV Lanes		
					2008	2009	% Change	2008	2009	% Change
A	I-10 Papago	EB	83rd Avenue	I-17	63	62	-1.50%	64	63	-1.38%
		WB	I-17	83rd Avenue	54	54	-0.07%	58	58	-0.47%
B	I-10 Papago	EB	I-17	SR 51/Loop 202	57	56	-1.40%	63	63	-0.12%
		WB	SR 51/Loop 202	I-17	39	40	2.30%	46	49	6.50%
C	I-10 Maricopa	EB	SR 51/Loop 202	U.S. 60	40	41	2.61%	47	48	3.44%
		WB	U.S. 60	SR 51/Loop 202	61	61	0.40%	64	63	-2.23%
D	I-10 Maricopa	EB	U.S. 60	Chandler Blvd	53	52	-1.66%	63	62	-1.81%
		WB	Chandler Blvd	U.S. 60	60	60	-1.11%	71	69	-2.57%
E	I-17	NB	Maricopa TI	I-10	47	51	7.40%	no hov	no hov	-
		SB	I-10	Maricopa TI	57	57	-1.24%	no hov	no hov	-
F	I-17	NB	I-10	Peoria Ave.	48	48	0.62%	60	57	-4.52%
		SB	Peoria Ave.	I-10	56	55	-2.09%	64	61	-3.82%
G	SR 51	NB	I-10/Loop 202	Glendale Avenue	57	56	-1.32%	66	65	-1.72%
		SB	Glendale Avenue	I-10/Loop 202	58	56	-3.14%	63	60	-4.26%
H	SR 51	NB	Glendale Avenue	Bell Road	62	63	2.25%	60	61	2.49%
		SB	Bell Road	Glendale Avenue	63	64	1.26%	66	66	0.19%
I	Loop 202	EB	I-10/SR 51	Loop 101	51	49	-4.80%	60	57	-4.42%
		WB	Loop 101	I-10/SR 51	58	56	-2.04%	65	63	-2.75%
J	U.S. 60	EB	I-10	Loop 101	52	52	0.75%	61	60	-1.12%
		WB	Loop 101	I-10	62	61	-1.23%	65	64	-1.17%
K	U.S. 60	EB	Loop 101	Val Vista Dr.	60	59	-1.18%	64	64	-0.74%
		WB	Val Vista Dr.	Loop 101	62	62	-0.93%	63	62	-1.71%
L	U.S. 60	EB	Val Vista Dr.	Loop 202	not available	66	-	not available	70	-
		WB	Loop 202	Val Vista Dr.	not available	63	-	not available	66	-
M	SR 143	NB	I-10	Loop 202/ McDowell	56	54	-3.40%	no hov	no hov	-
		SB	Loop 202/ McDowell	I-10	53	52	-2.27%	no hov	no hov	-
N	Loop 101	NB	Loop 202 Santan	U.S. 60	65	61	-5.67%	not available	not available	-
		SB	U.S. 60	Loop 202 Santan	50	56	12.24%	not available	not available	-
O	Loop 101	NB	U.S. 60	Loop 202 Red Mountain	60	60	-1.17%	not available	not available	-
		SB	Loop 202 Red Mountain	U.S. 60	37	40	7.20%	not available	not available	-

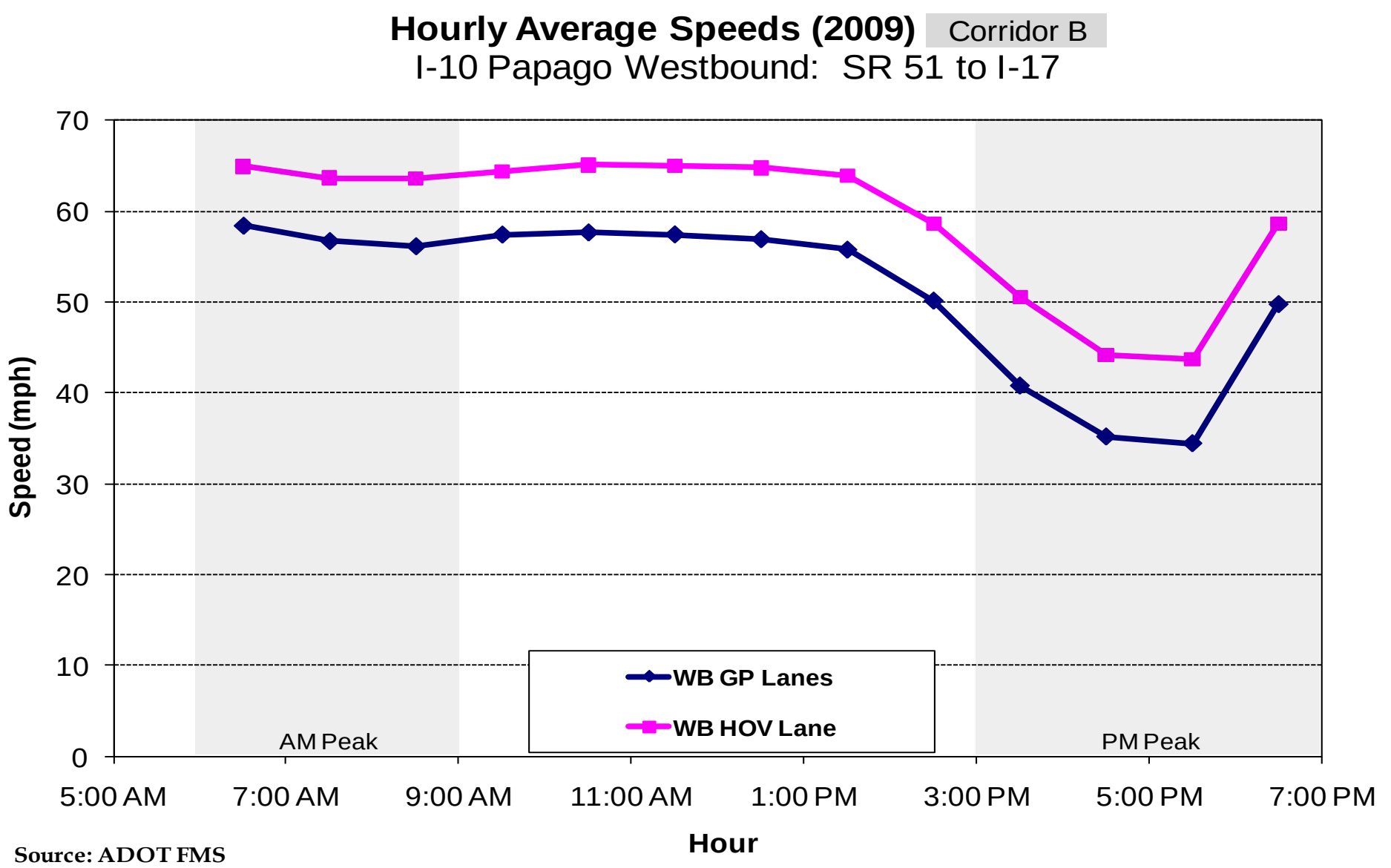
Source: ADOT FMS


Hourly Average Speeds (2009)
Corridor A
I-10 Papago Eastbound: 83rd Avenue to I-17
Speed (mph)
70
60
50
40
30
20
10
0
AM Peak
PM Peak
EB GP Lanes
EB HOV Lane
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
Source: ADOT FMS

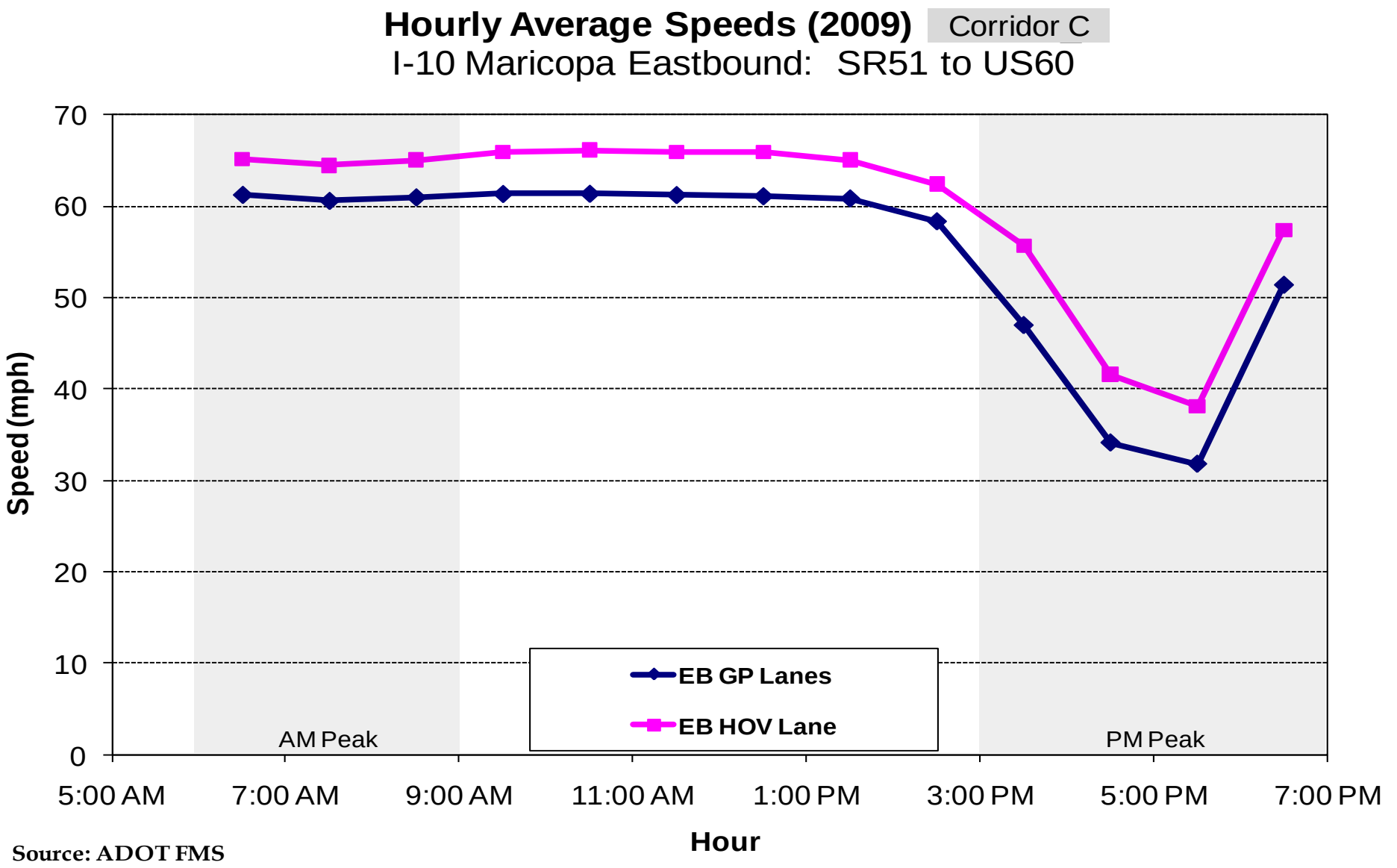

Hourly Average Speeds (2008)
Corridor A
I-10 Papago Eastbound: 83rd Avenue to I-17
Speed (mph)
70
60
50
40
30
20
10
0
AM Peak
PM Peak
EB GP Lanes
EB HOV Lane
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
Source: ADOT FMS



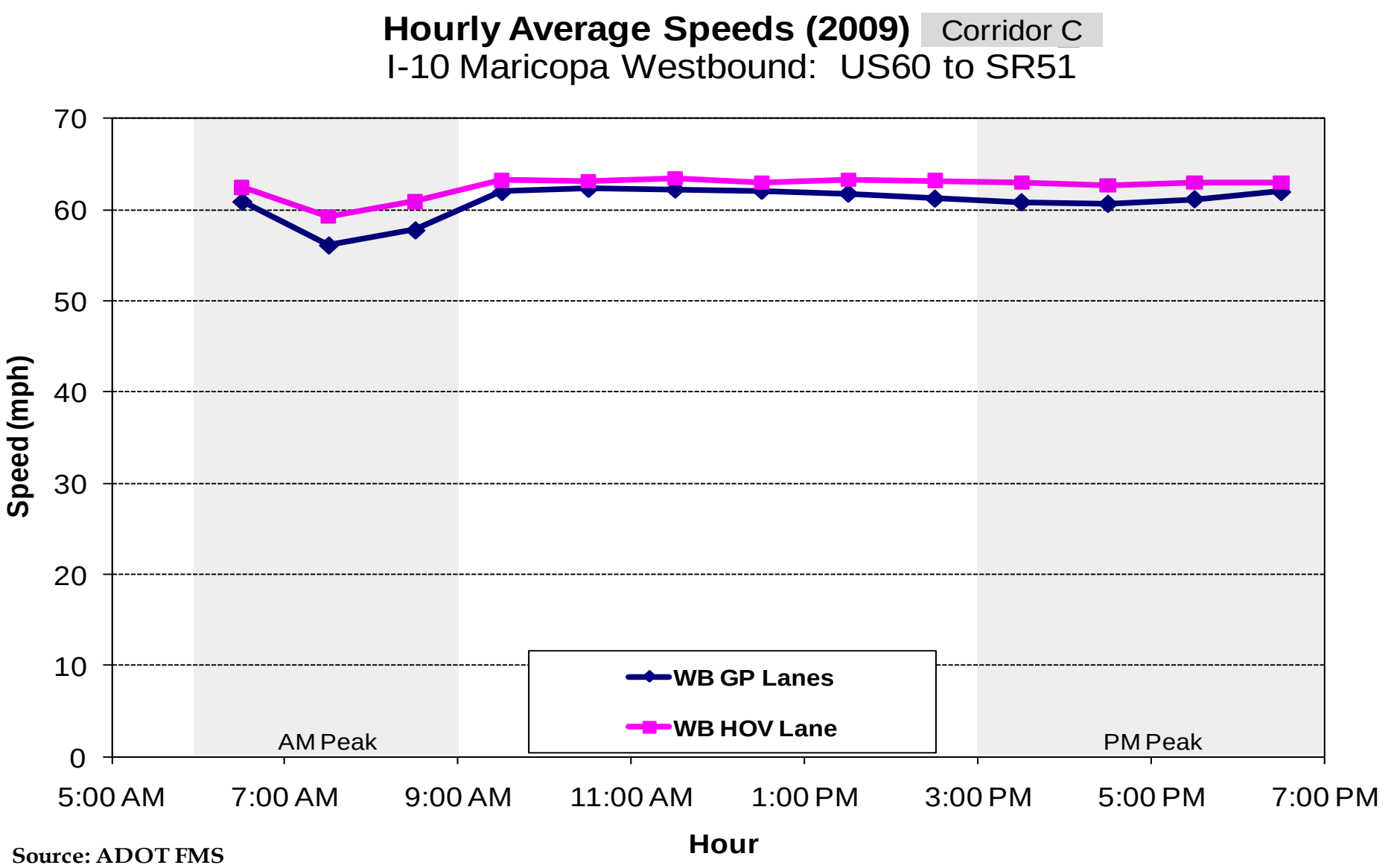
Source: ADOT FMS



Source: ADOT FMS



Source: ADOT FMS



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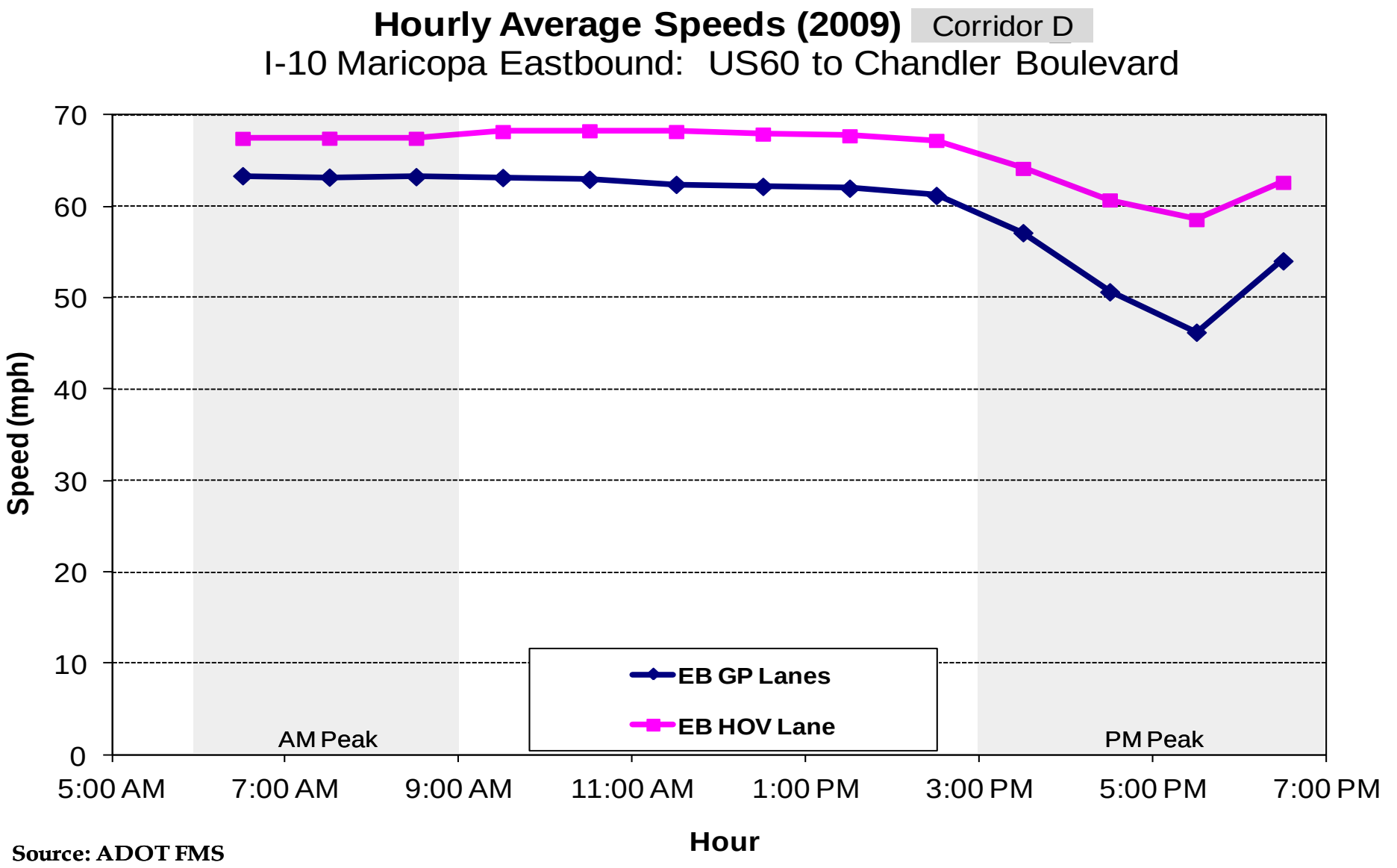
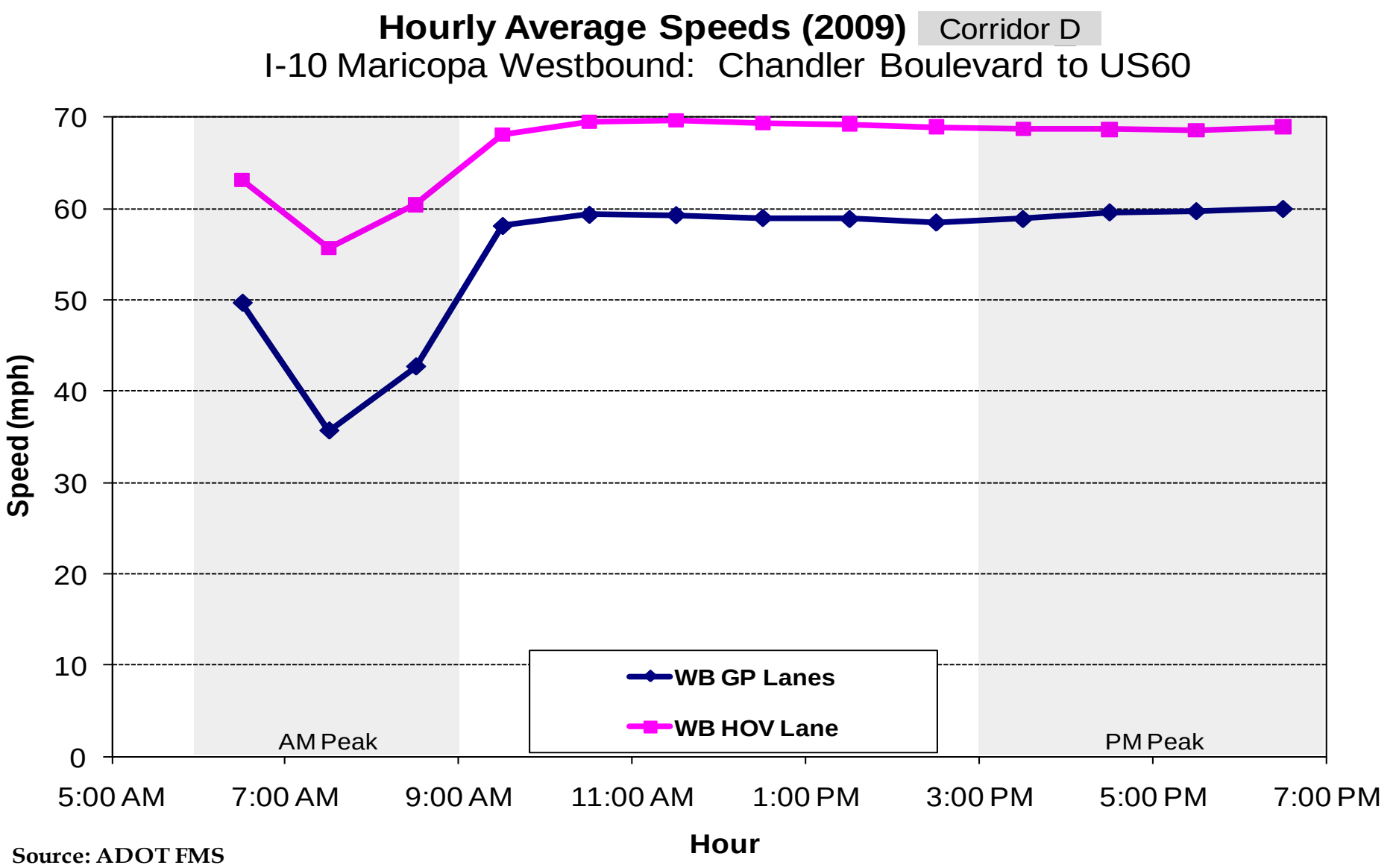
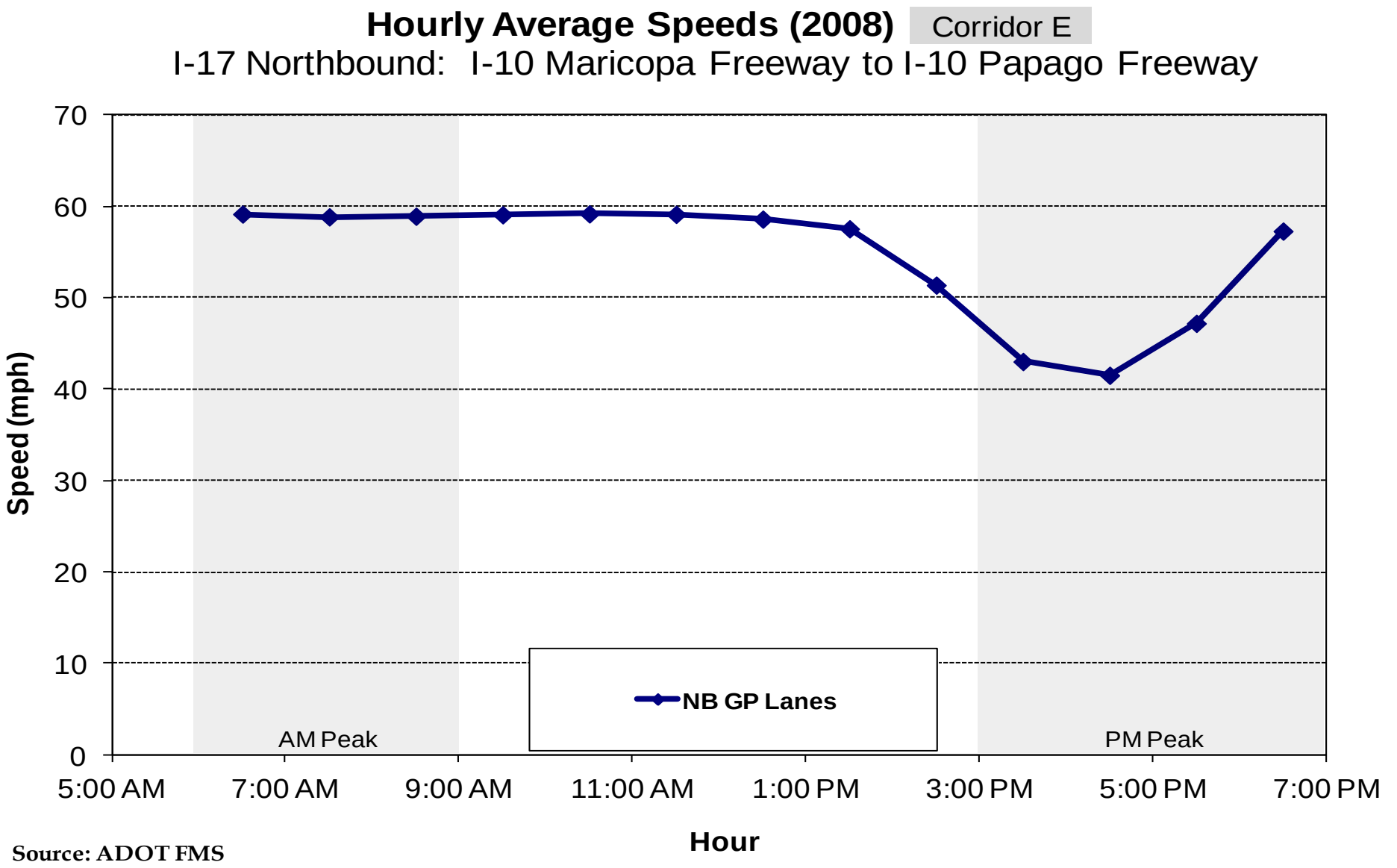
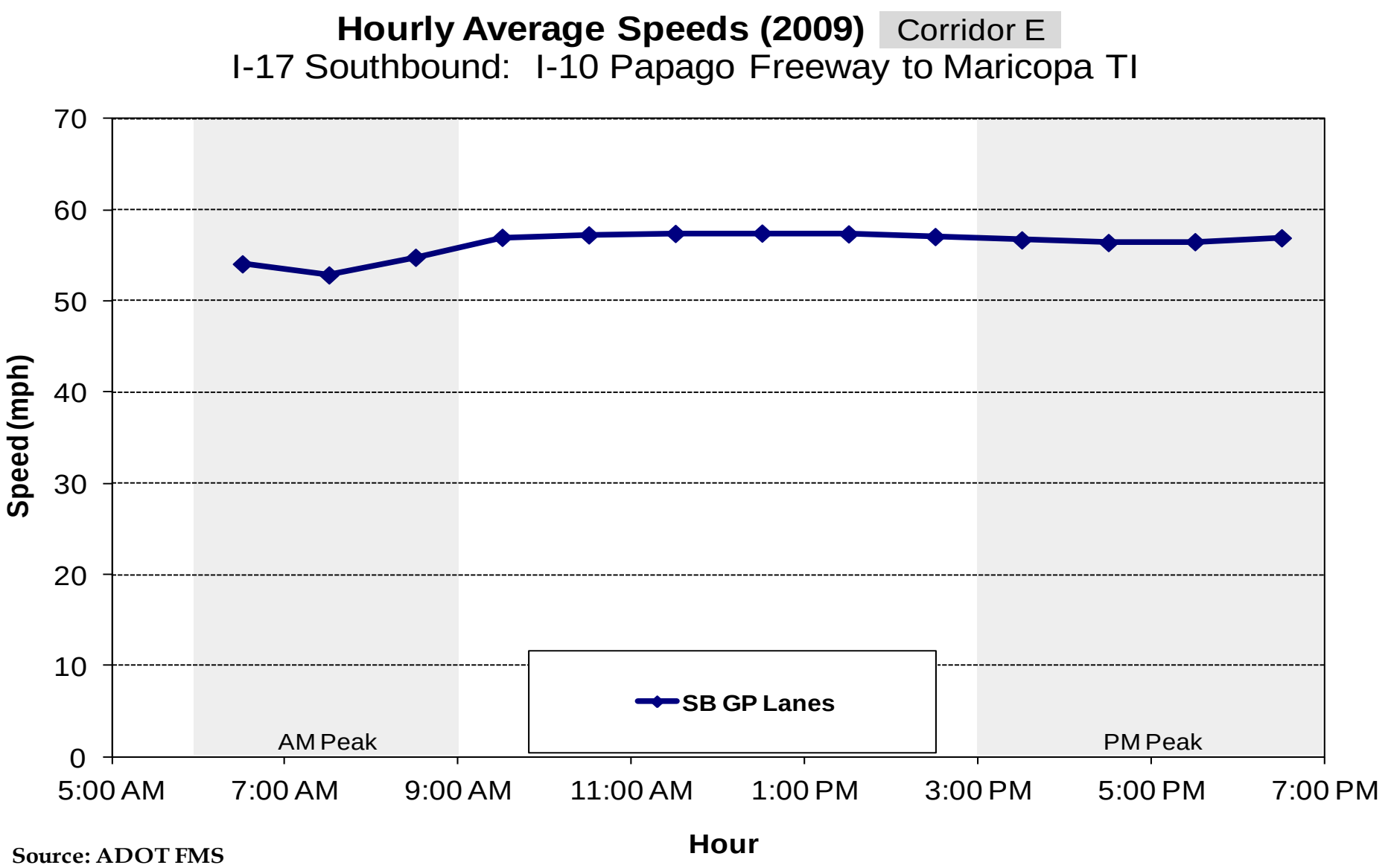

Hourly Average Speeds (2009)
Corridor D
I-10 Maricopa Eastbound: US60 to Chandler Boulevard
Speed (mph)
70
60
50
40
30
20
10
0
AM Peak
PM Peak
EB GP Lanes
EB HOV Lane
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
Source: ADOT FMS

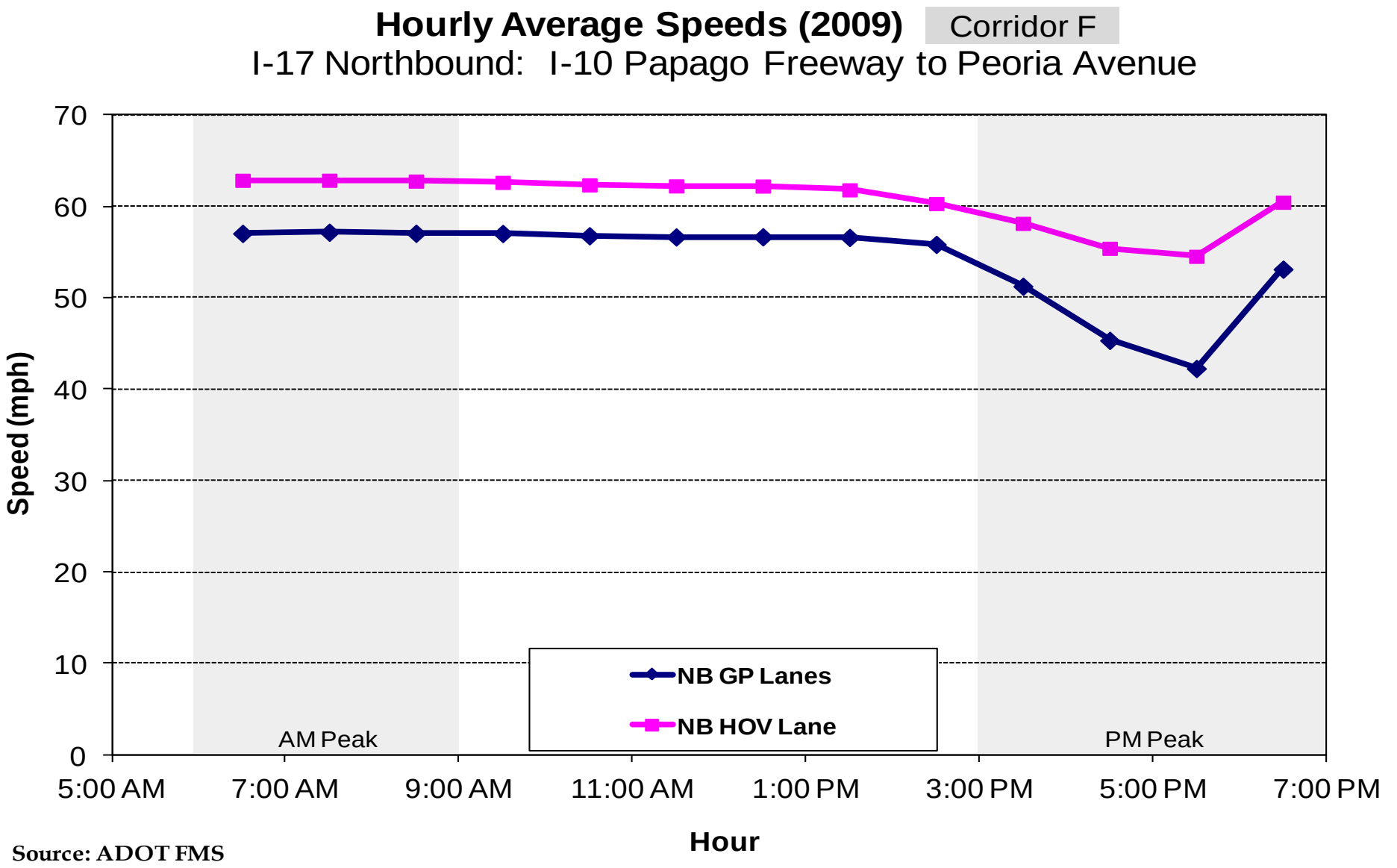

Hourly Average Speeds (2009)
Corridor D
I-10 Maricopa Westbound: Chandler Boulevard to US60
Speed (mph)
70
60
50
40
30
20
10
0
AM Peak
PM Peak
WB GP Lanes
WB HOV Lane
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
Source: ADOT FMS

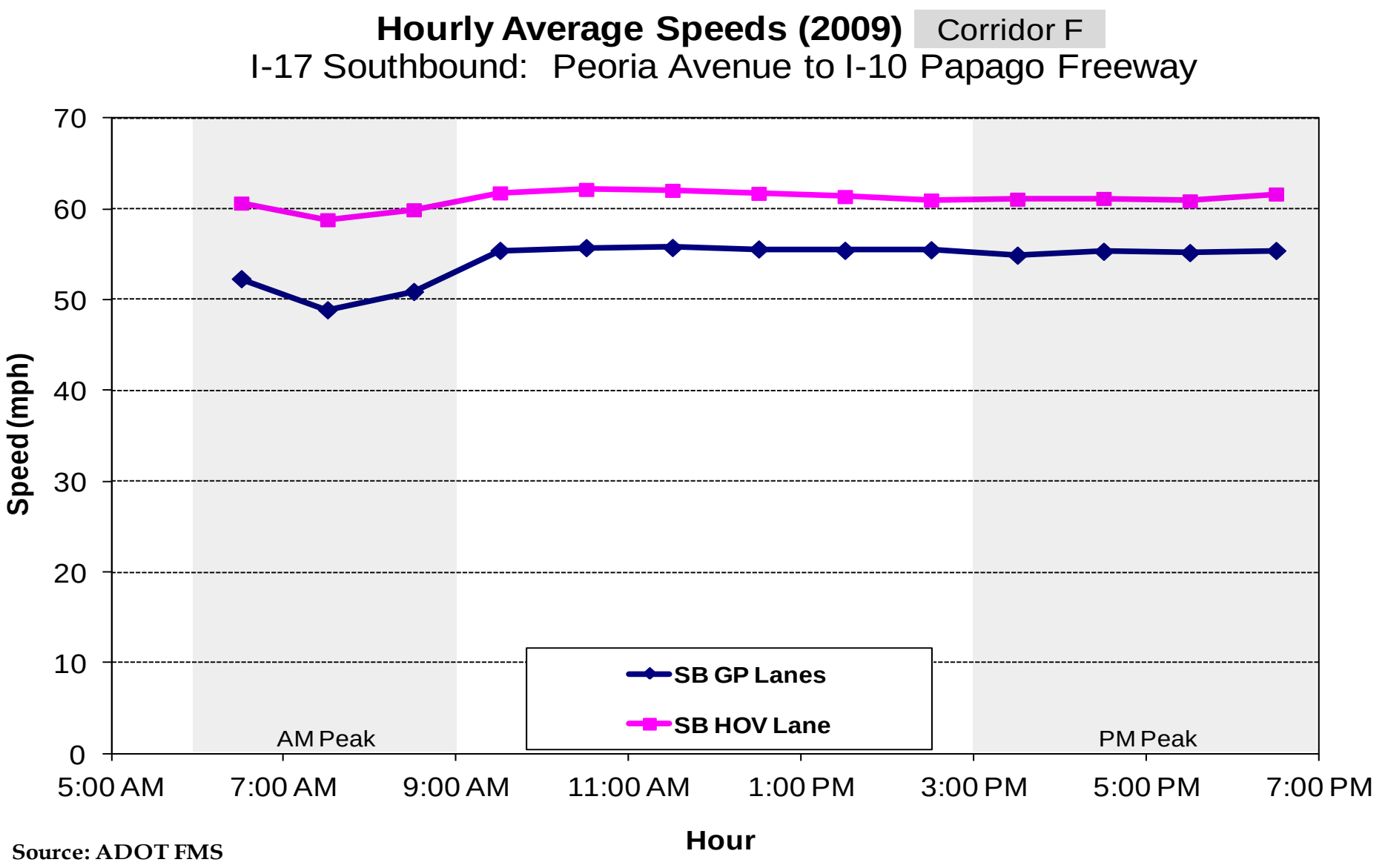


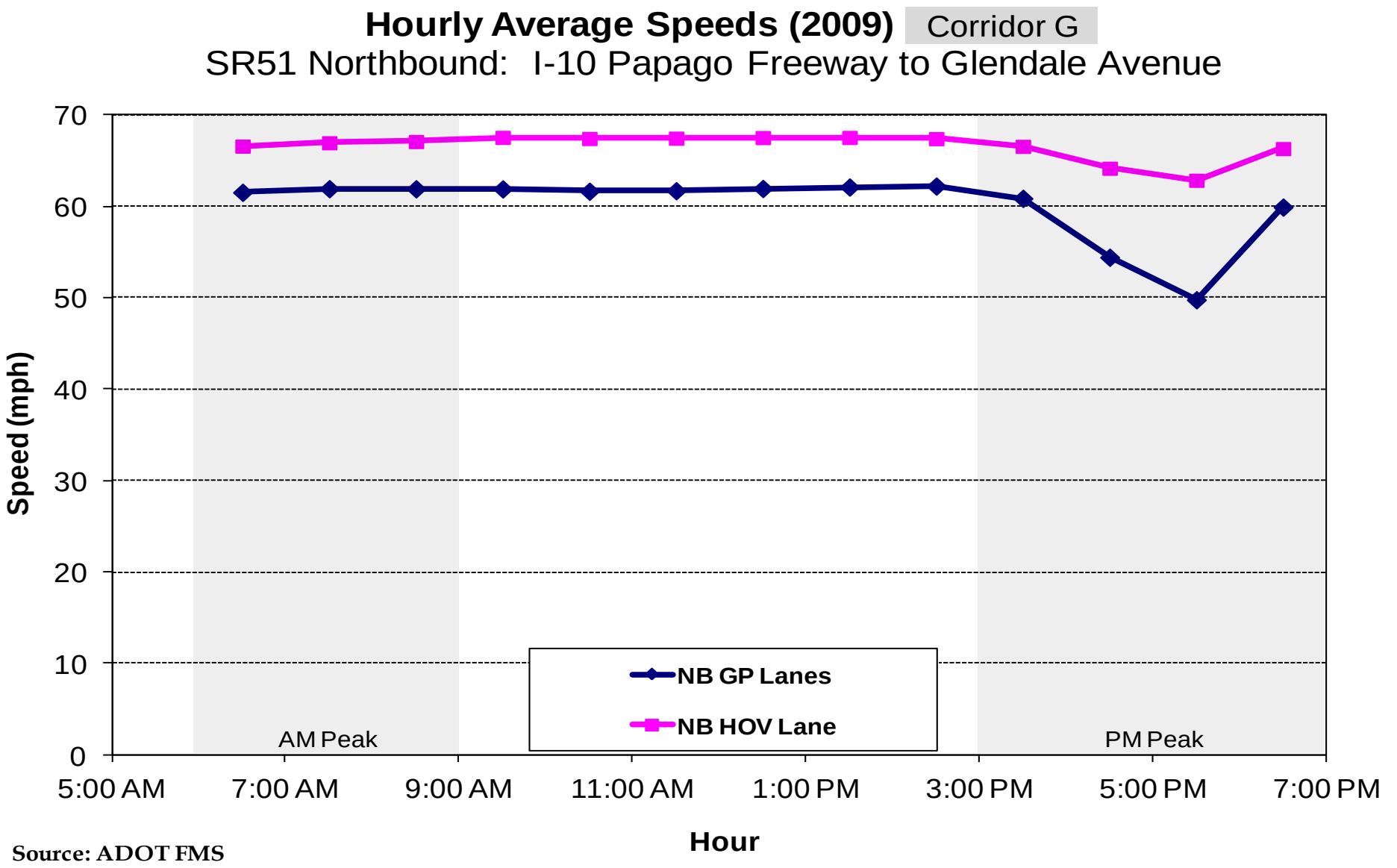
Source: ADOT FMS

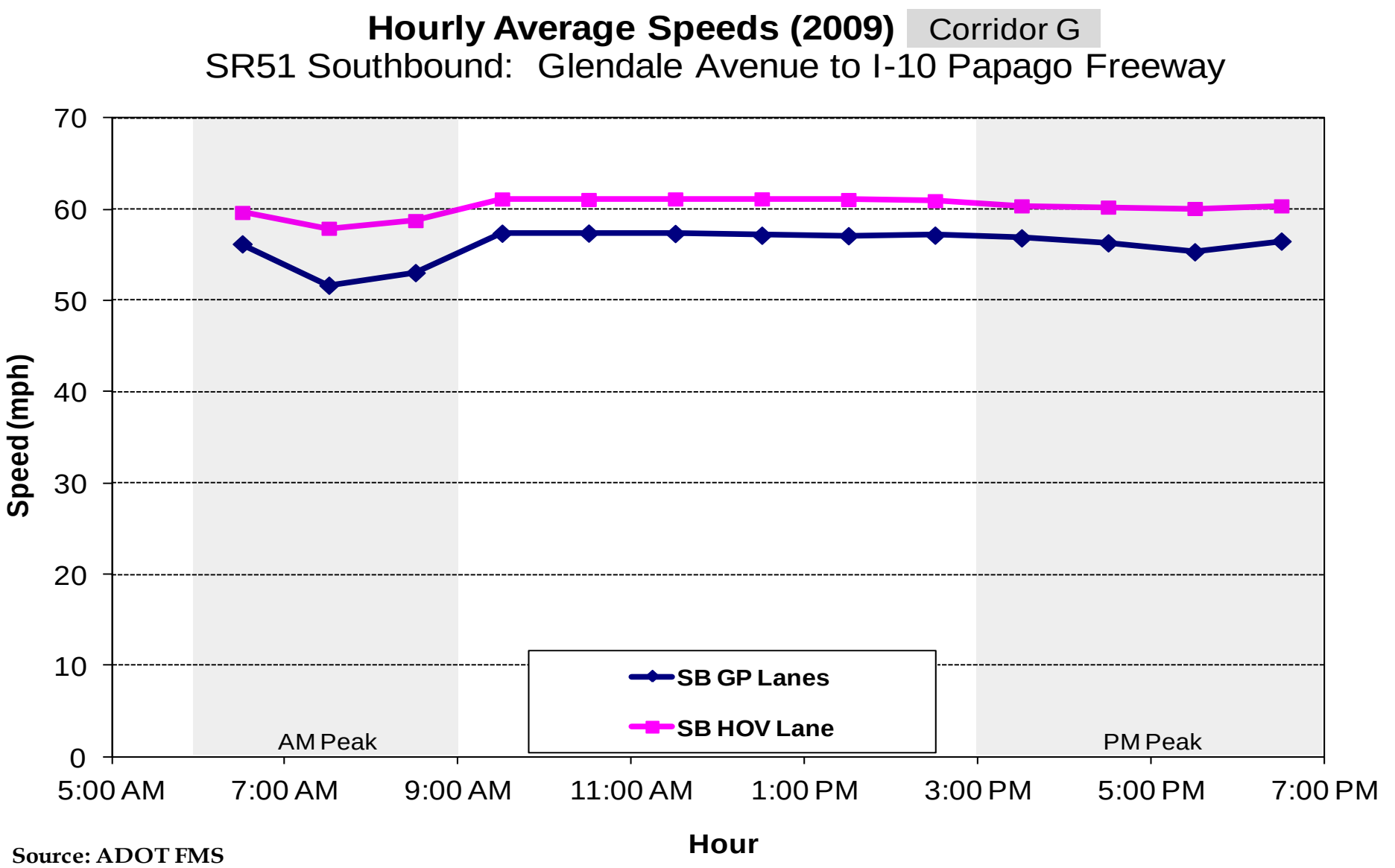


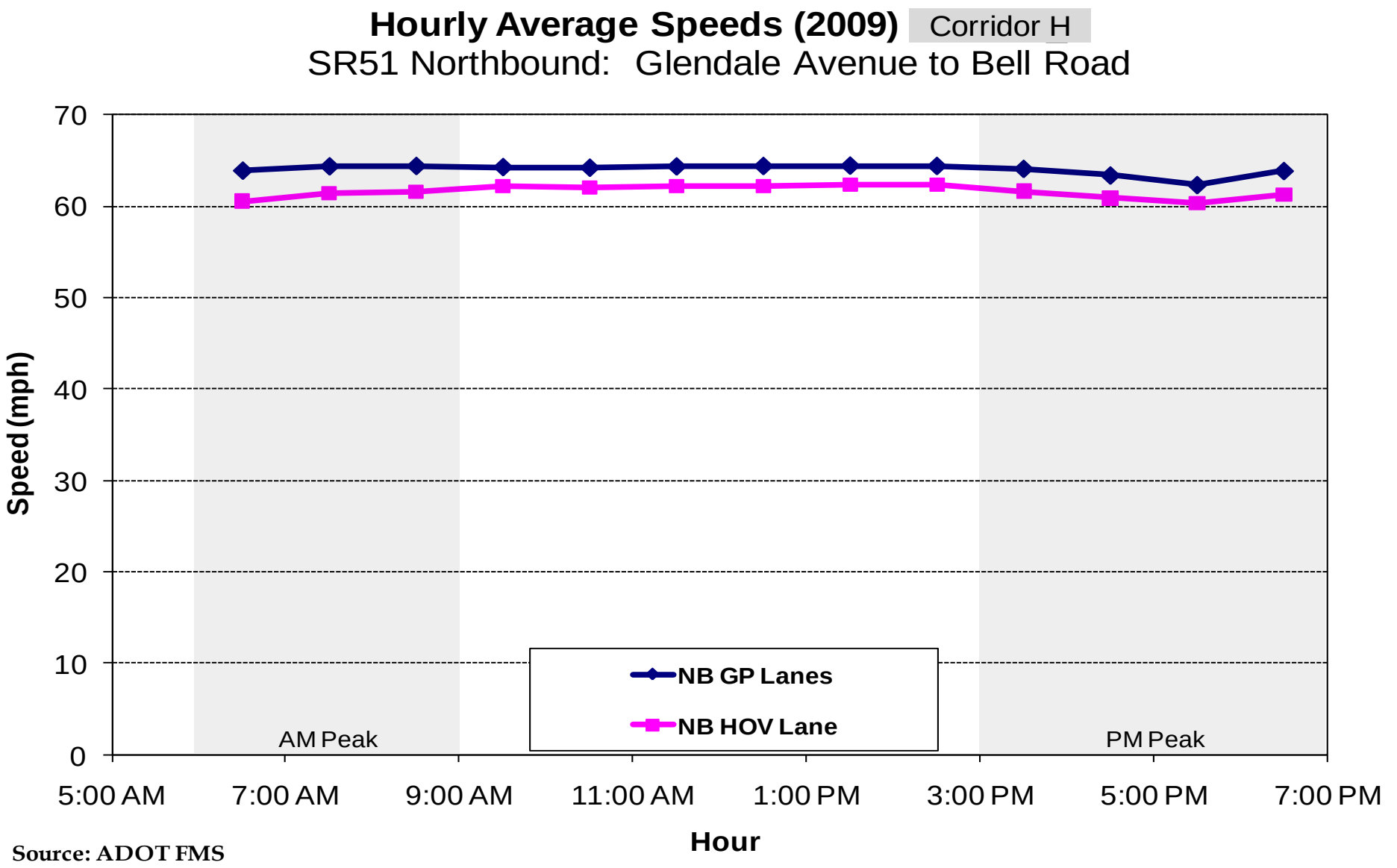
Source: ADOT FMS

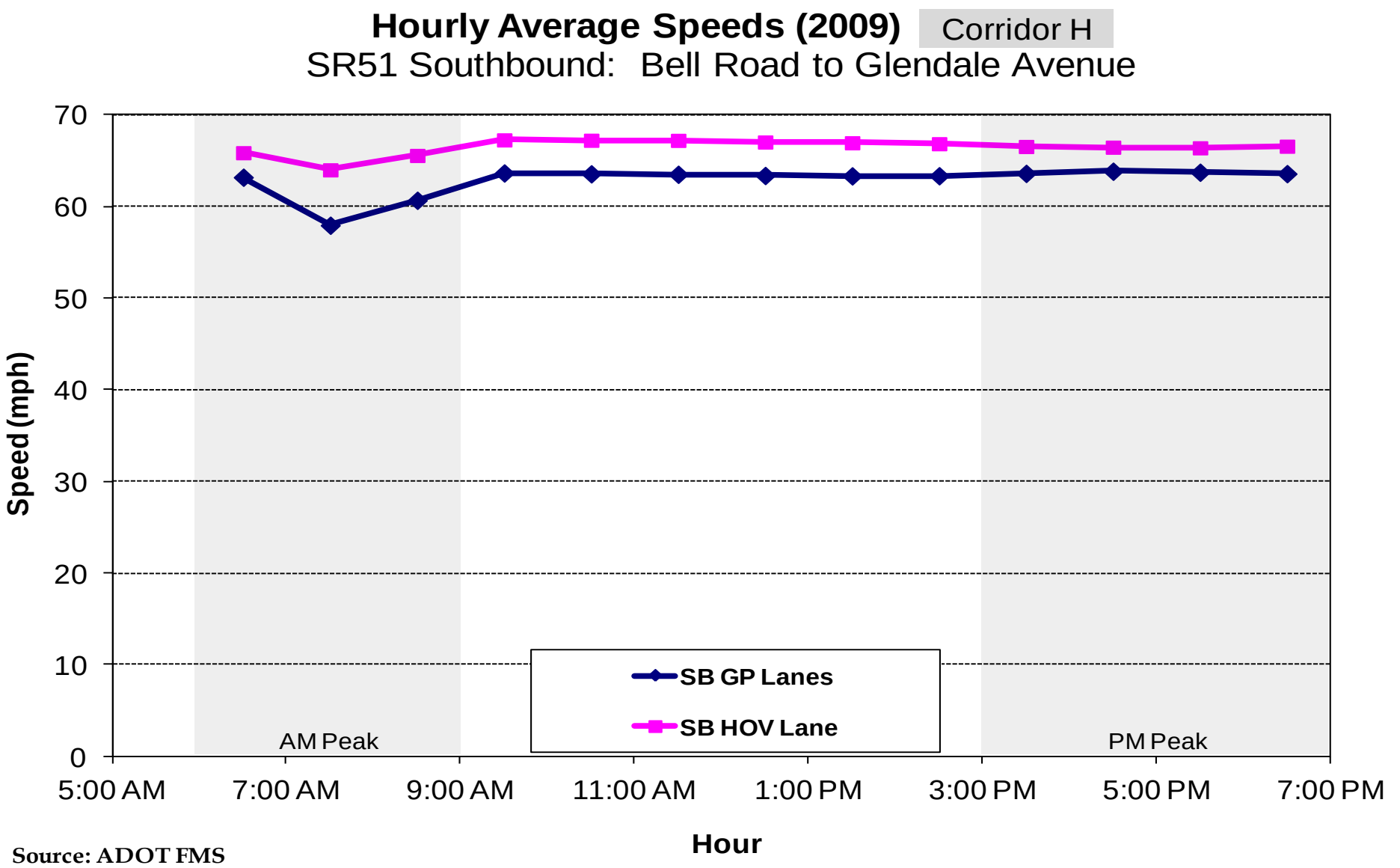

Hourly Average Speeds (2009)
Corridor F
I-17 Northbound: I-10 Papago Freeway to Peoria Avenue
Speed (mph)
70
60
50
40
30
20
10
0
AM Peak
PM Peak
NB GP Lanes
NB HOV Lane
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
Source: ADOT FMS

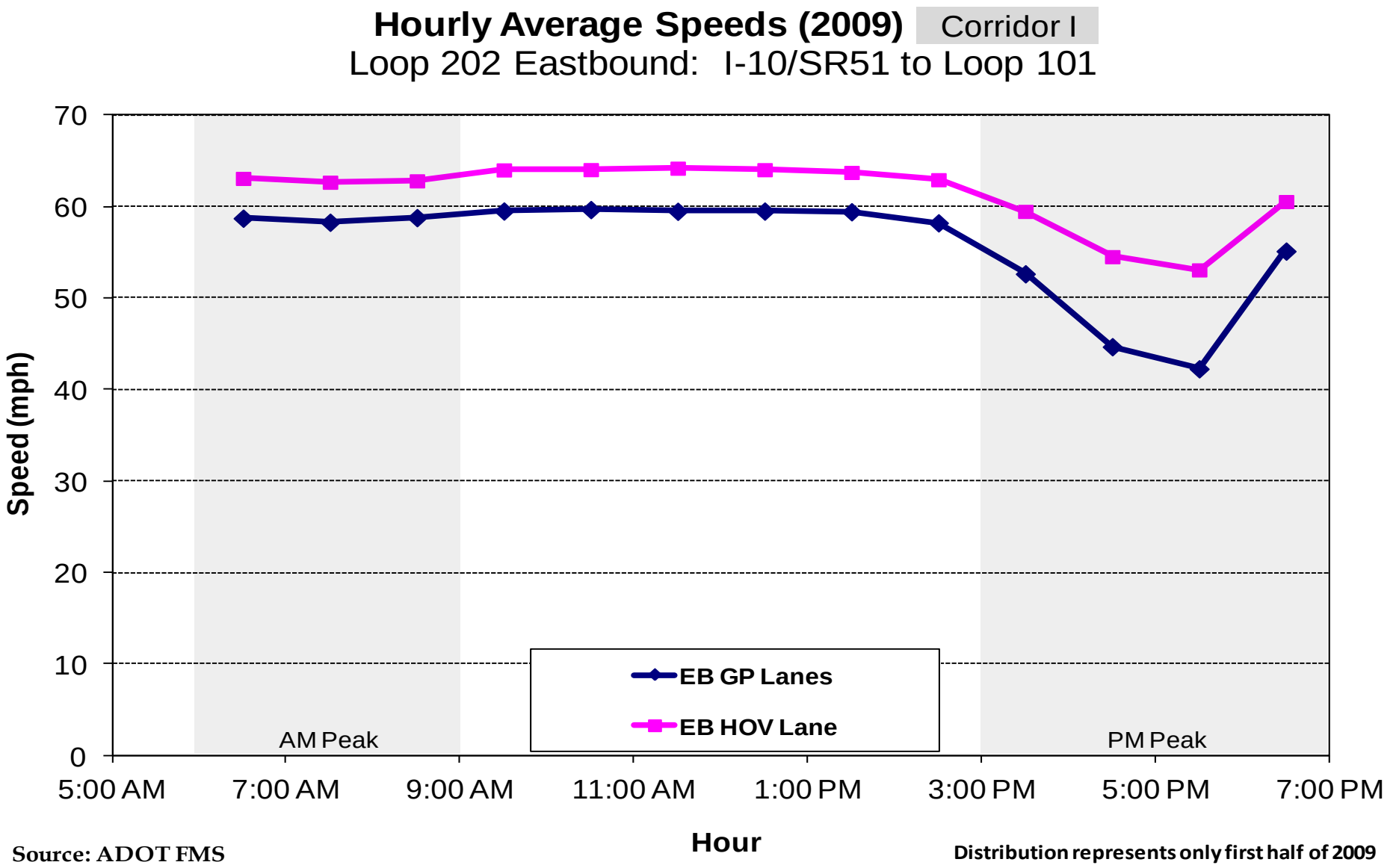

Hourly Average Speeds (2009)
Corridor F
I-17 Southbound: Peoria Avenue to I-10 Papago Freeway
Speed (mph)
70
60
50
40
30
20
10
0
AM Peak
PM Peak
SB GP Lanes
SB HOV Lane
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
Source: ADOT FMS

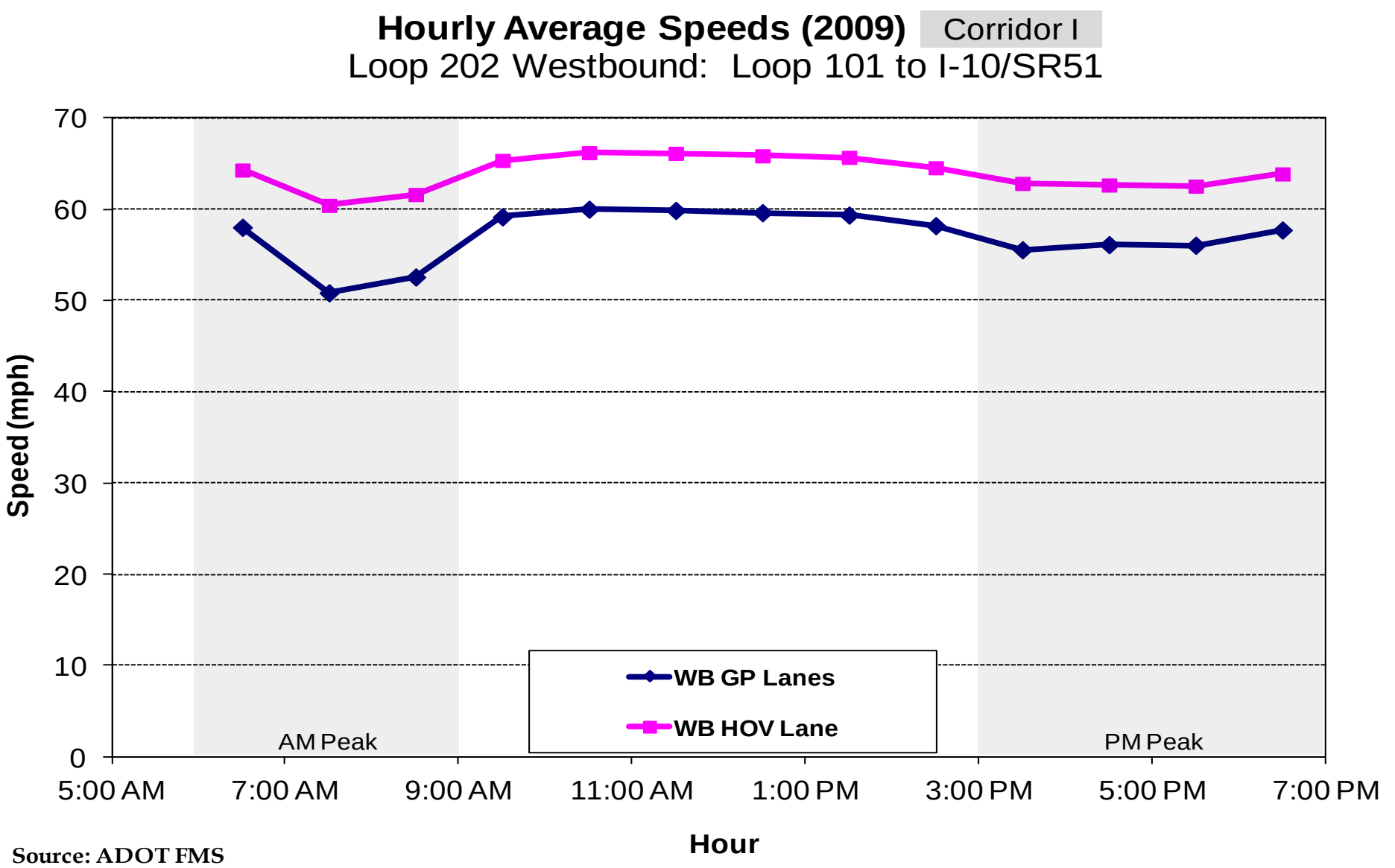

Hourly Average Speeds (2009)
Corridor G
SR51 Northbound: I-10 Papago Freeway to Glendale Avenue
Speed (mph)
70
60
50
40
30
20
10
0
AM Peak
PM Peak
NB GP Lanes
NB HOV Lane
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
Source: ADOT FMS

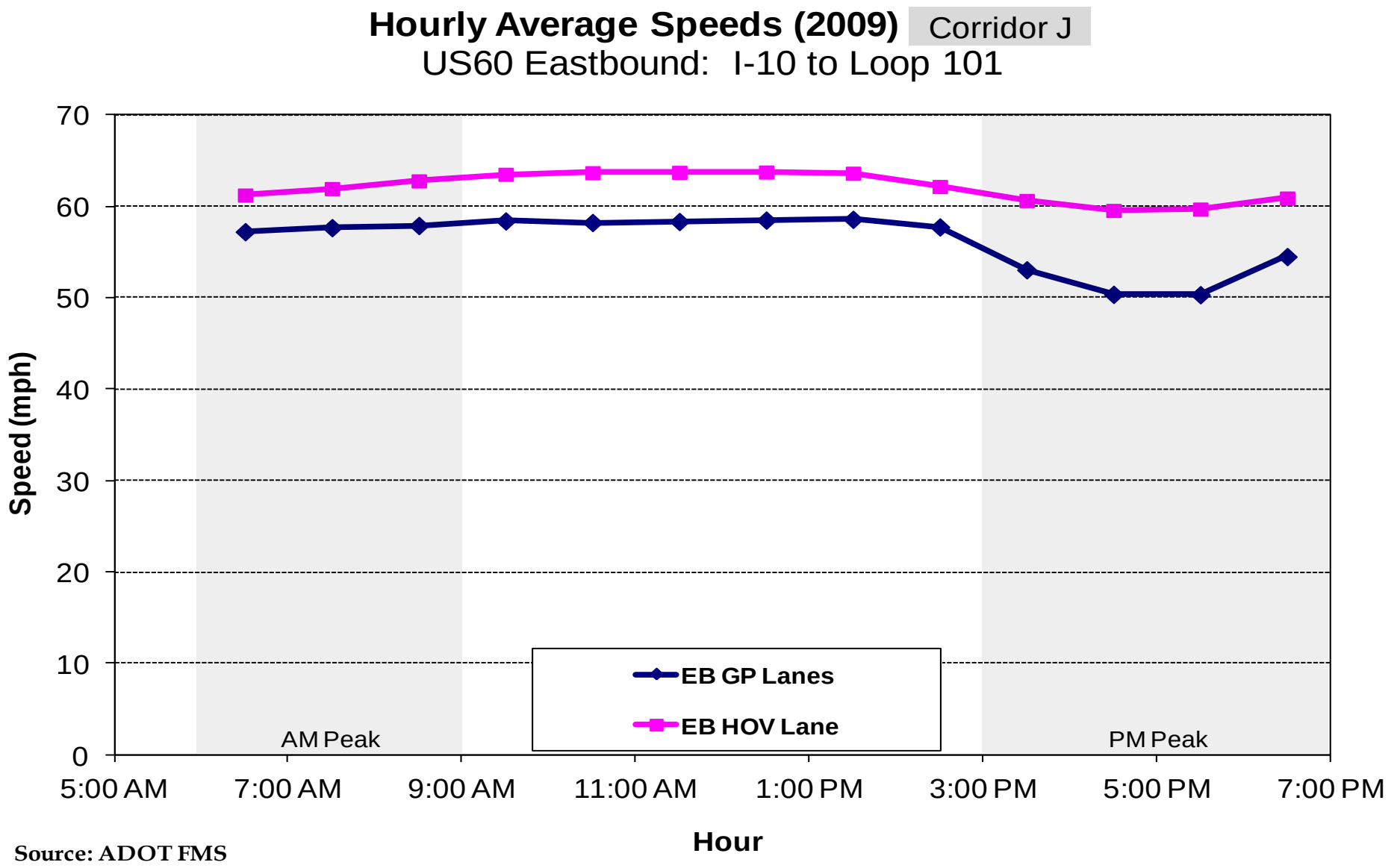

Hourly Average Speeds (2009)
Corridor G
SR51 Southbound: Glendale Avenue to I-10 Papago Freeway
Speed (mph)
70
60
50
40
30
20
10
0
AM Peak
PM Peak
SB GP Lanes
SB HOV Lane
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
Source: ADOT FMS


Hourly Average Speeds (2009)
Corridor H
SR51 Northbound: Glendale Avenue to Bell Road
Speed (mph)
70
60
50
40
30
20
10
0
AM Peak
PM Peak
NB GP Lanes
NB HOV Lane
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
Source: ADOT FMS

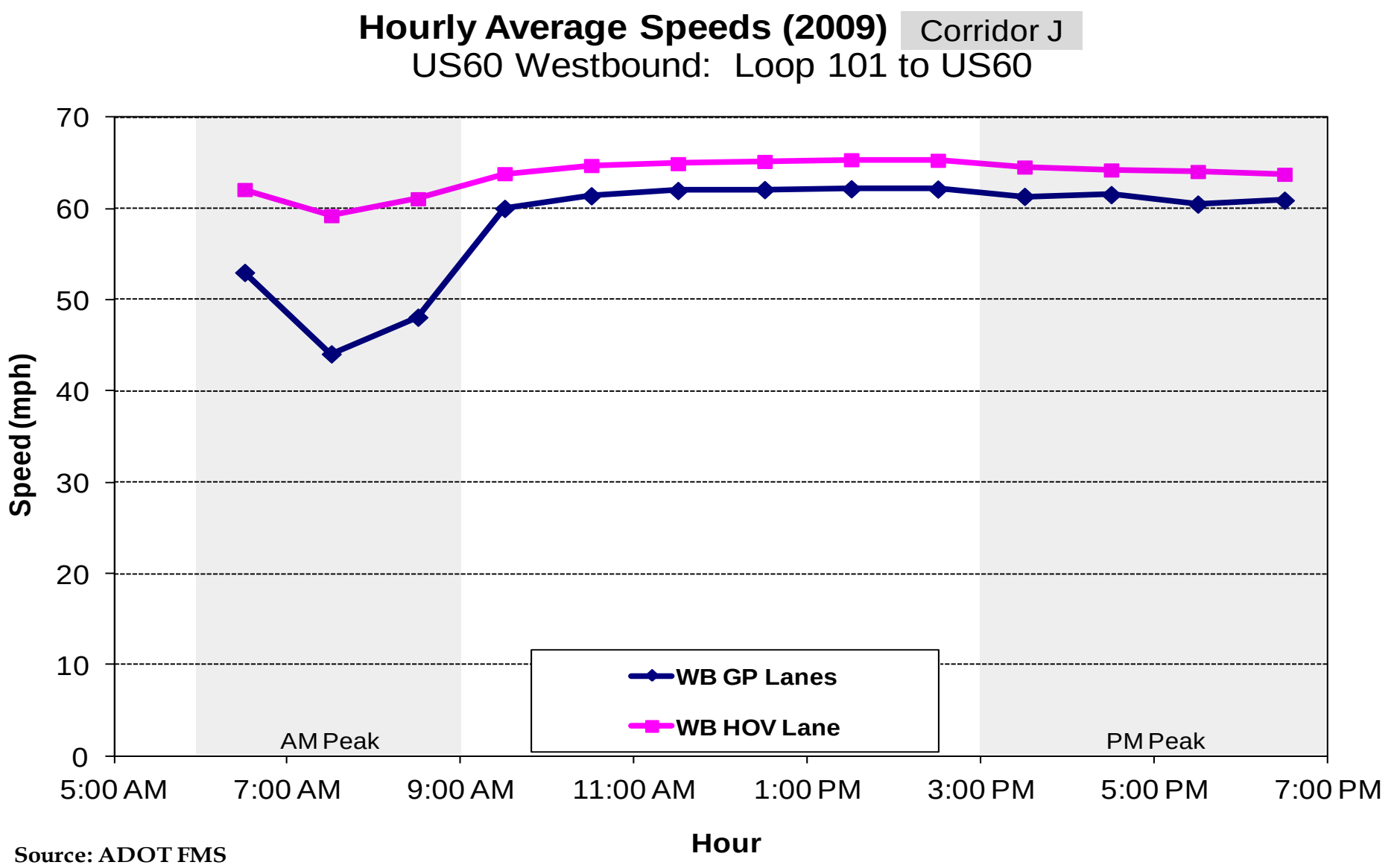

Hourly Average Speeds (2009)
Corridor H
SR51 Southbound: Bell Road to Glendale Avenue
Speed (mph)
70
60
50
40
30
20
10
0
AM Peak
PM Peak
SB GP Lanes
SB HOV Lane
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
Source: ADOT FMS


Hourly Average Speeds (2009)
Corridor I
Loop 202 Eastbound: I-10/SR51 to Loop 101
Speed (mph)
70
60
50
40
30
20
10
0
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
AM Peak
PM Peak
EB GP Lanes
EB HOV Lane
Source: ADOT FMS
Distribution represents only first half of 2009

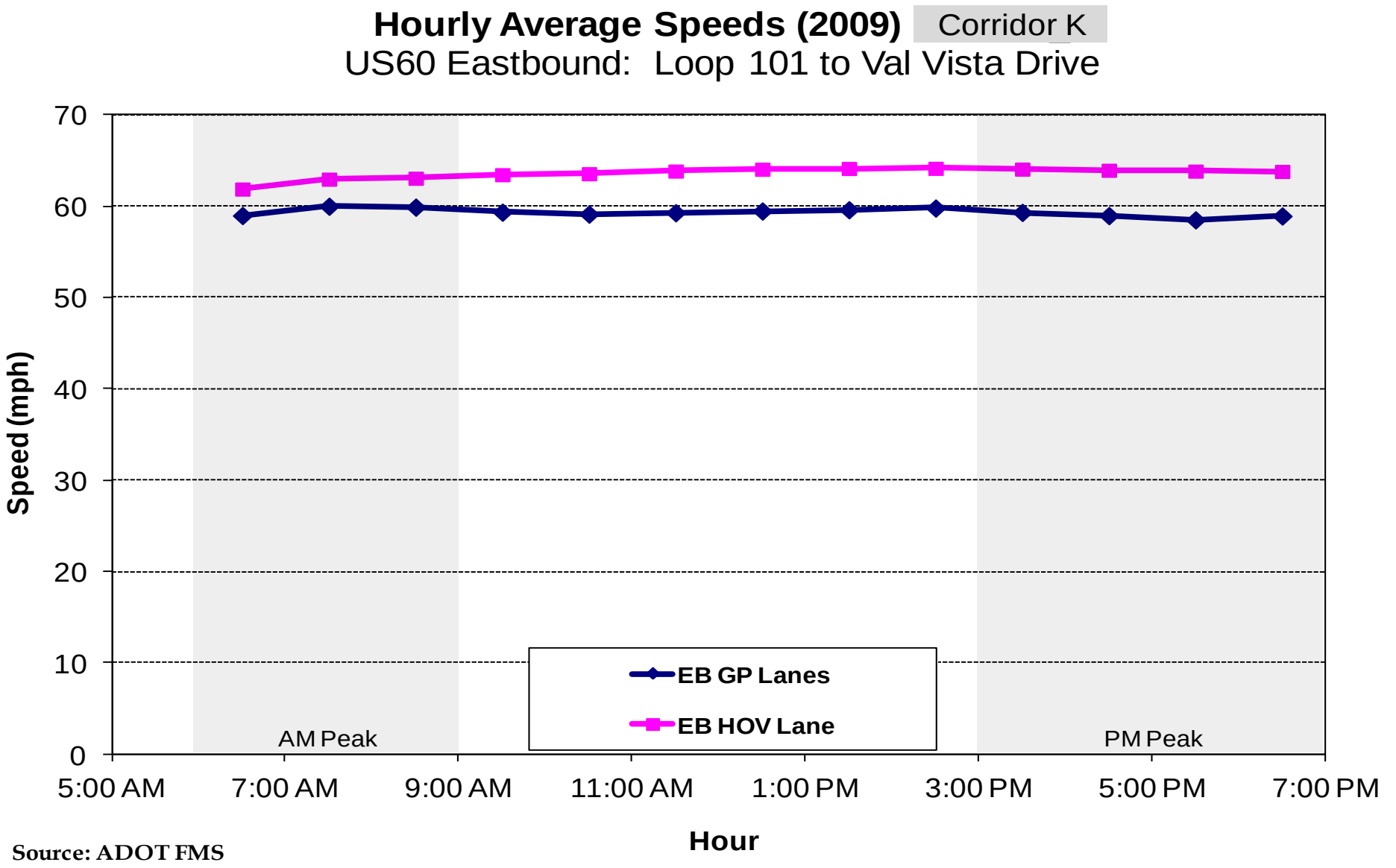

Hourly Average Speeds (2009)
Corridor I
Loop 202 Westbound: Loop 101 to I-10/SR51
Speed (mph)
70
60
50
40
30
20
10
0
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
AM Peak
PM Peak
WB GP Lanes
WB HOV Lane
Source: ADOT FMS

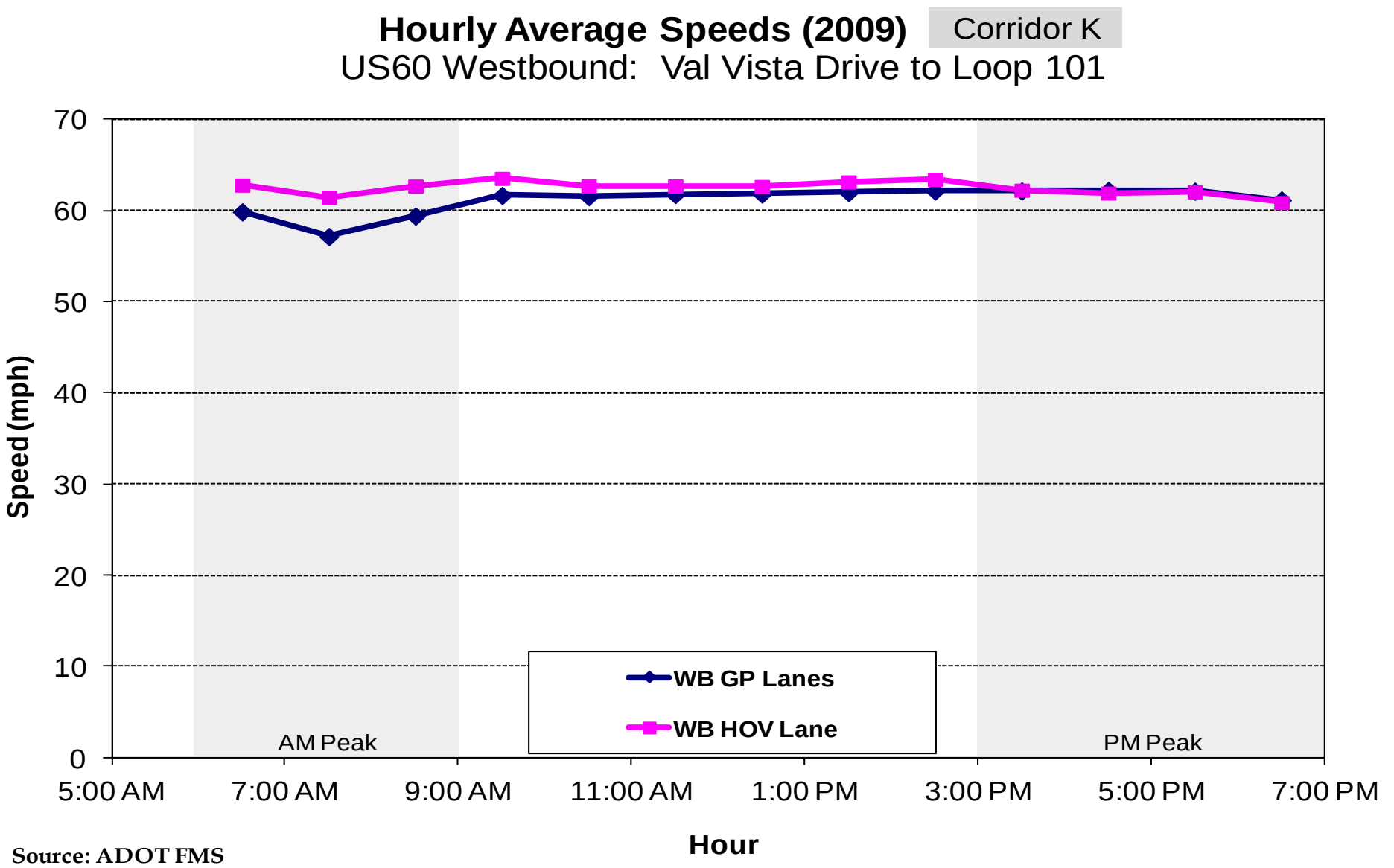


Source: ADOT FMS



Source: ADOT FMS


Hourly Average Speeds (2009)
Corridor K
US60 Eastbound: Loop 101 to Val Vista Drive
Speed (mph)
70
60
50
40
30
20
10
0
AM Peak
PM Peak
EB GP Lanes
EB HOV Lane
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
Source: ADOT FMS


Hourly Average Speeds (2009)
Corridor K
US60 Westbound: Val Vista Drive to Loop 101
Speed (mph)
70
60
50
40
30
20
10
0
AM Peak
PM Peak
WB GP Lanes
WB HOV Lane
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
Source: ADOT FMS

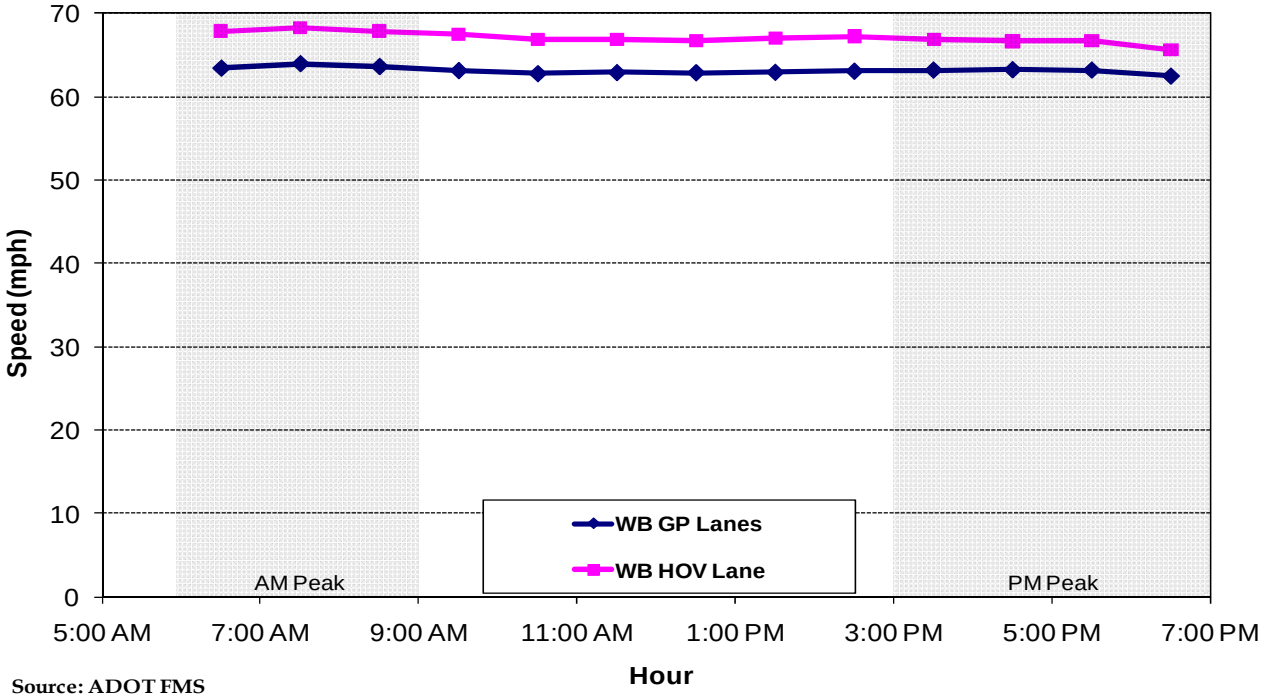
Hourly Average Speeds (2009) Corridor L

US60 Eastbound: Val Vista Drive to Loop 202 Redtan Interchange

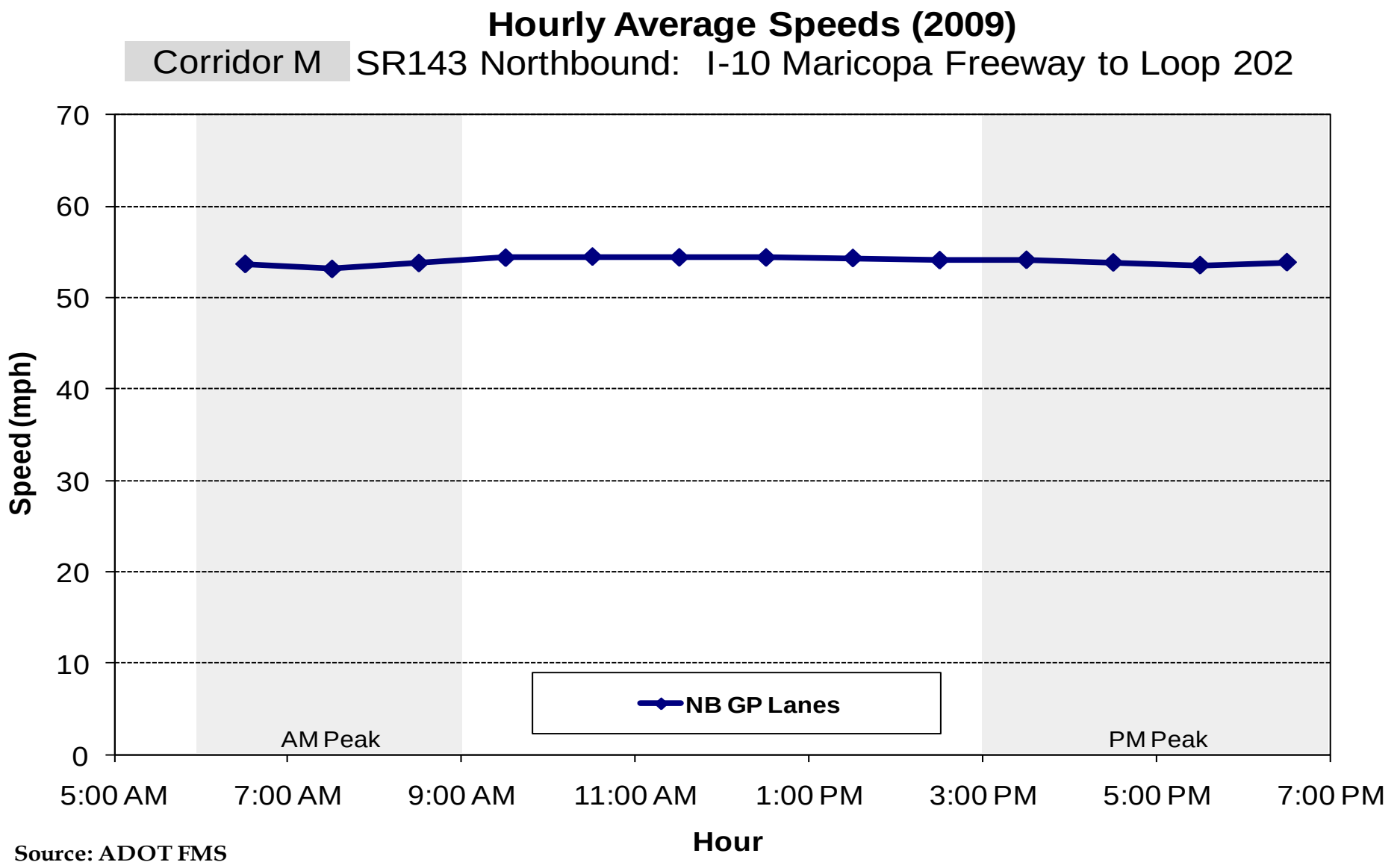
INSUFFICIENT QUALITY OR
NOT AVAILABLE DATA

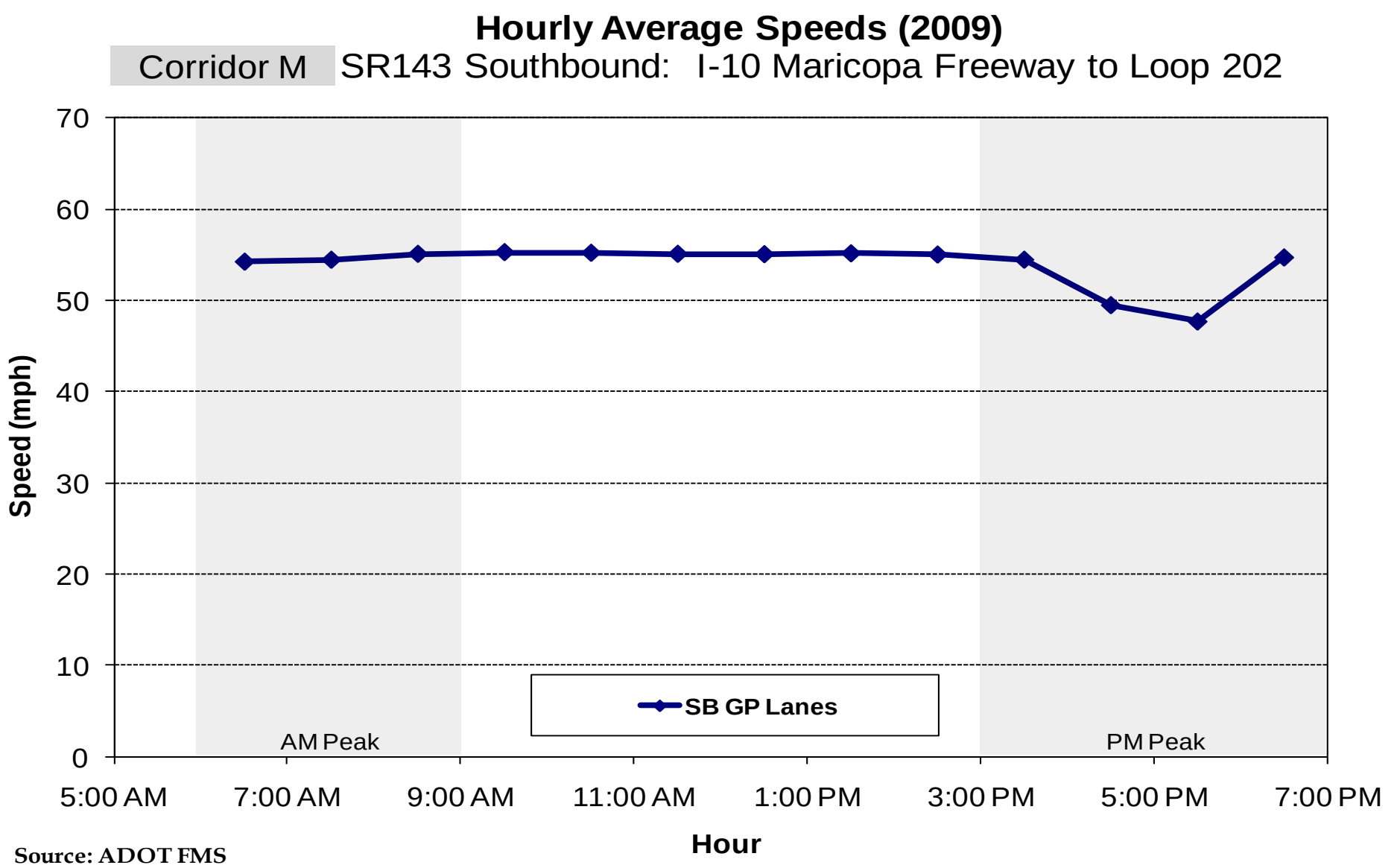
Hourly Average Speeds (2009) Corridor L

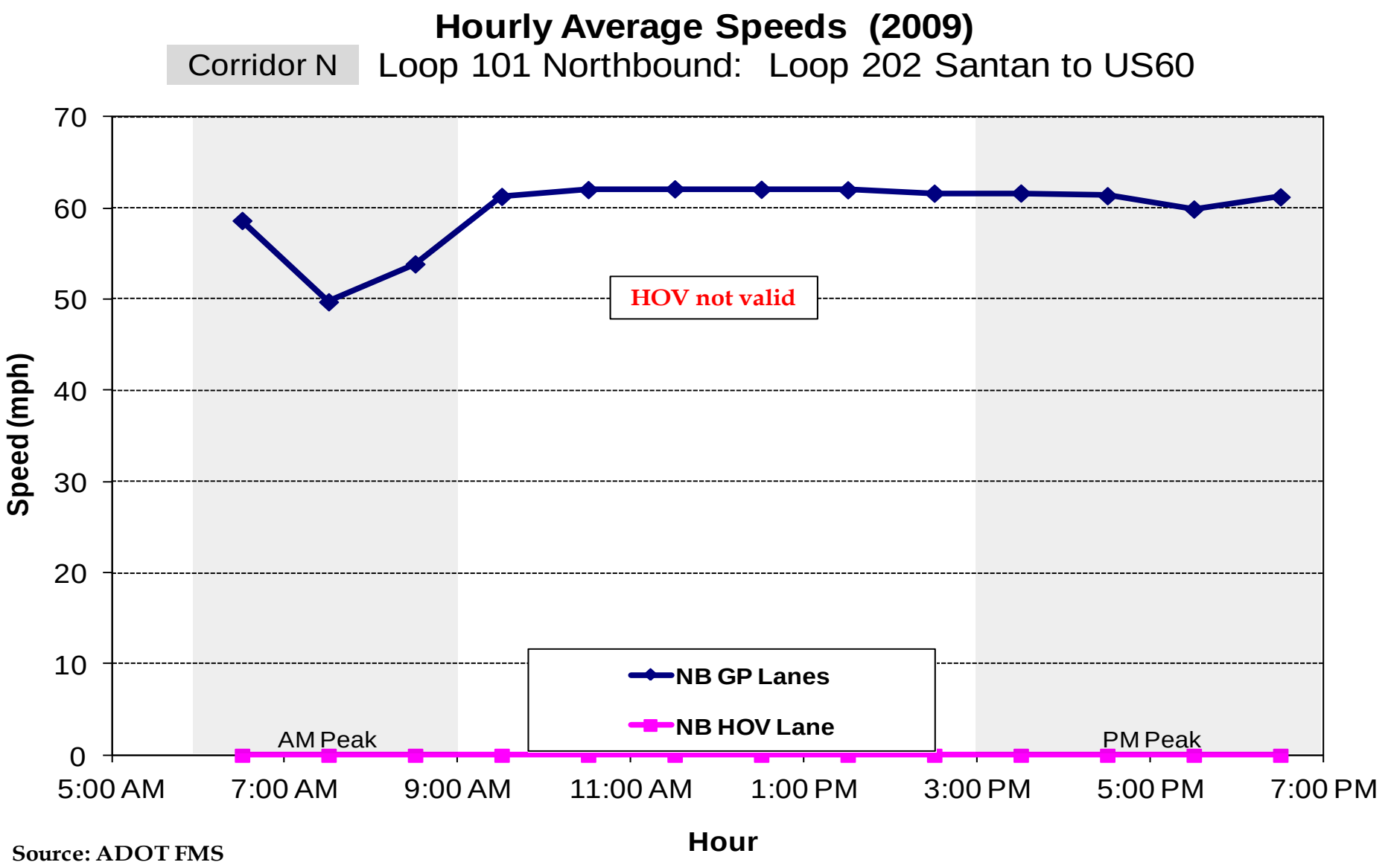
US60 Westbound: Loop 202 Redtan Interchange to Val Vista Drive



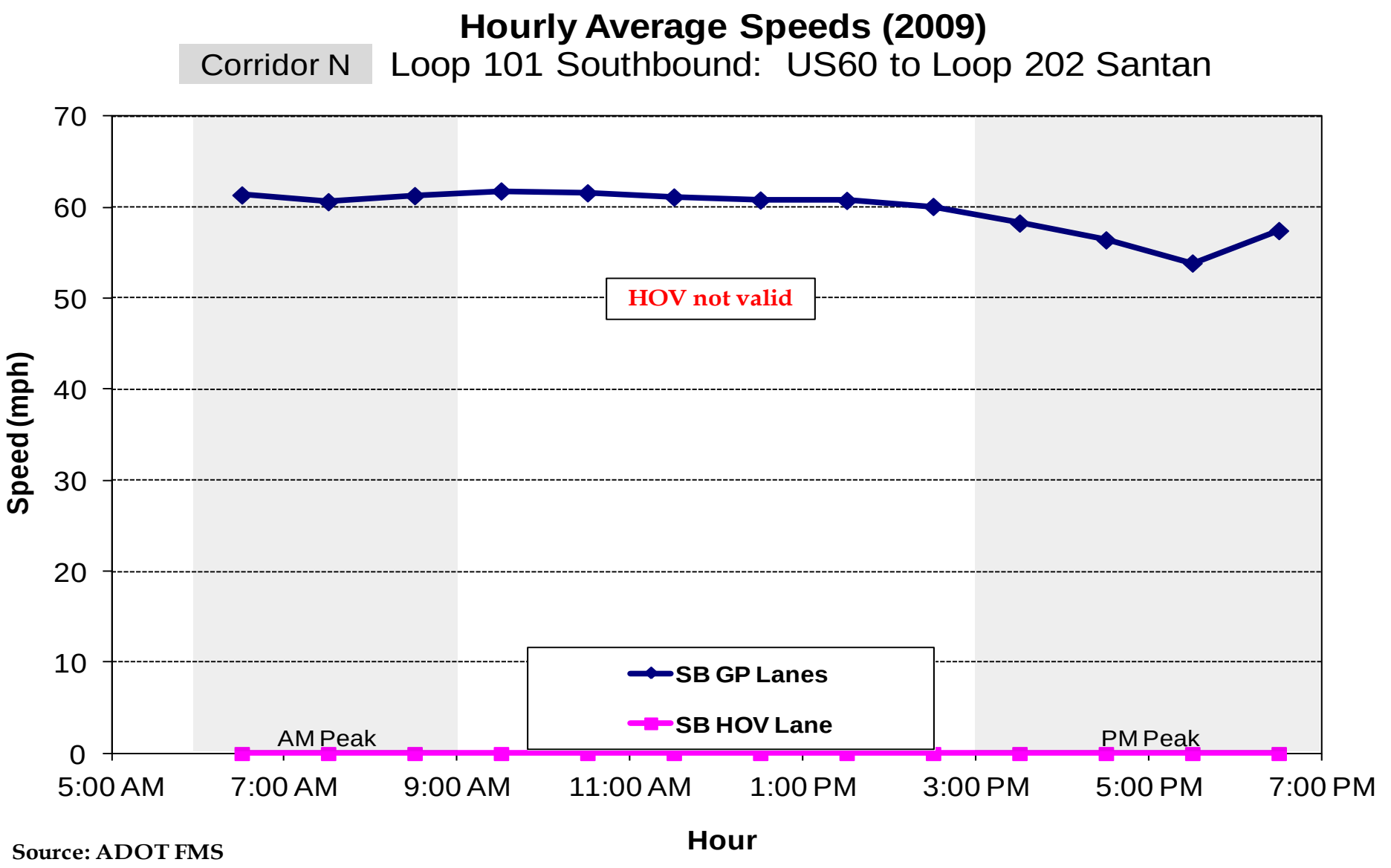
Source: ADOT FMS


Hourly Average Speeds (2009)
Corridor M
SR143 Northbound: I-10 Maricopa Freeway to Loop 202
Speed (mph)
70
60
50
40
30
20
10
0
NB GP Lanes
AM Peak
PM Peak
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
Source: ADOT FMS

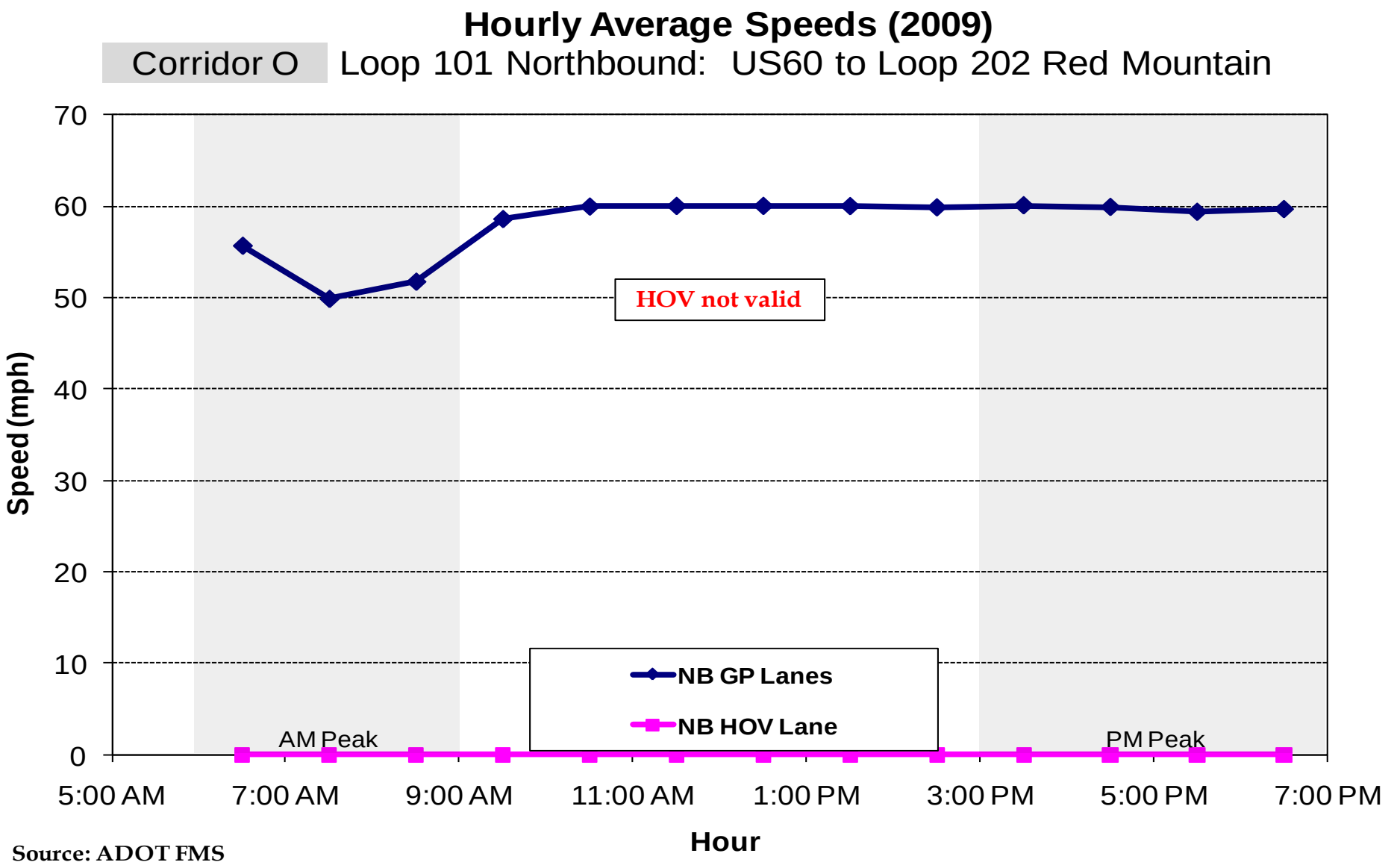

Hourly Average Speeds (2009)
Corridor M
SR143 Southbound: I-10 Maricopa Freeway to Loop 202
Speed (mph)
70
60
50
40
30
20
10
0
SB GP Lanes
AM Peak
PM Peak
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
Source: ADOT FMS

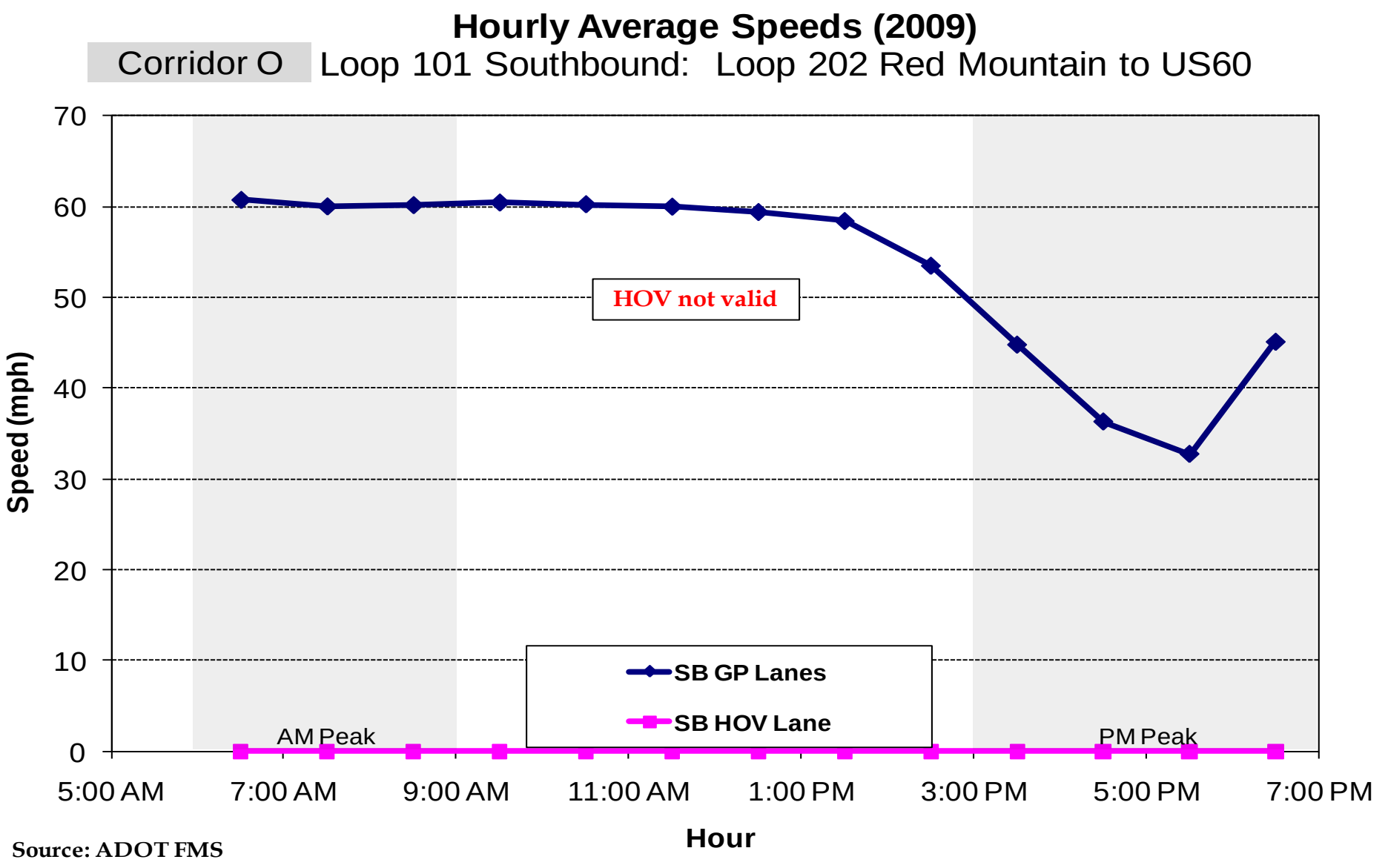


Source: ADOT FMS



Source: ADOT FMS


Hourly Average Speeds (2009)
Corridor O
Loop 101 Northbound: US60 to Loop 202 Red Mountain
70
60
50
40
30
20
10
0
Speed (mph)
HOV not valid
NB GP Lanes
NB HOV Lane
AM Peak
PM Peak
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
Source: ADOT FMS


Hourly Average Speeds (2009)
Corridor O
Loop 101 Southbound: Loop 202 Red Mountain to US60
70
60
50
40
30
20
10
0
Speed (mph)
HOV not valid
SB GP Lanes
SB HOV Lane
AM Peak
PM Peak
5:00 AM
7:00 AM
9:00 AM
11:00 AM
1:00 PM
3:00 PM
5:00 PM
7:00 PM
Hour
Source: ADOT FMS