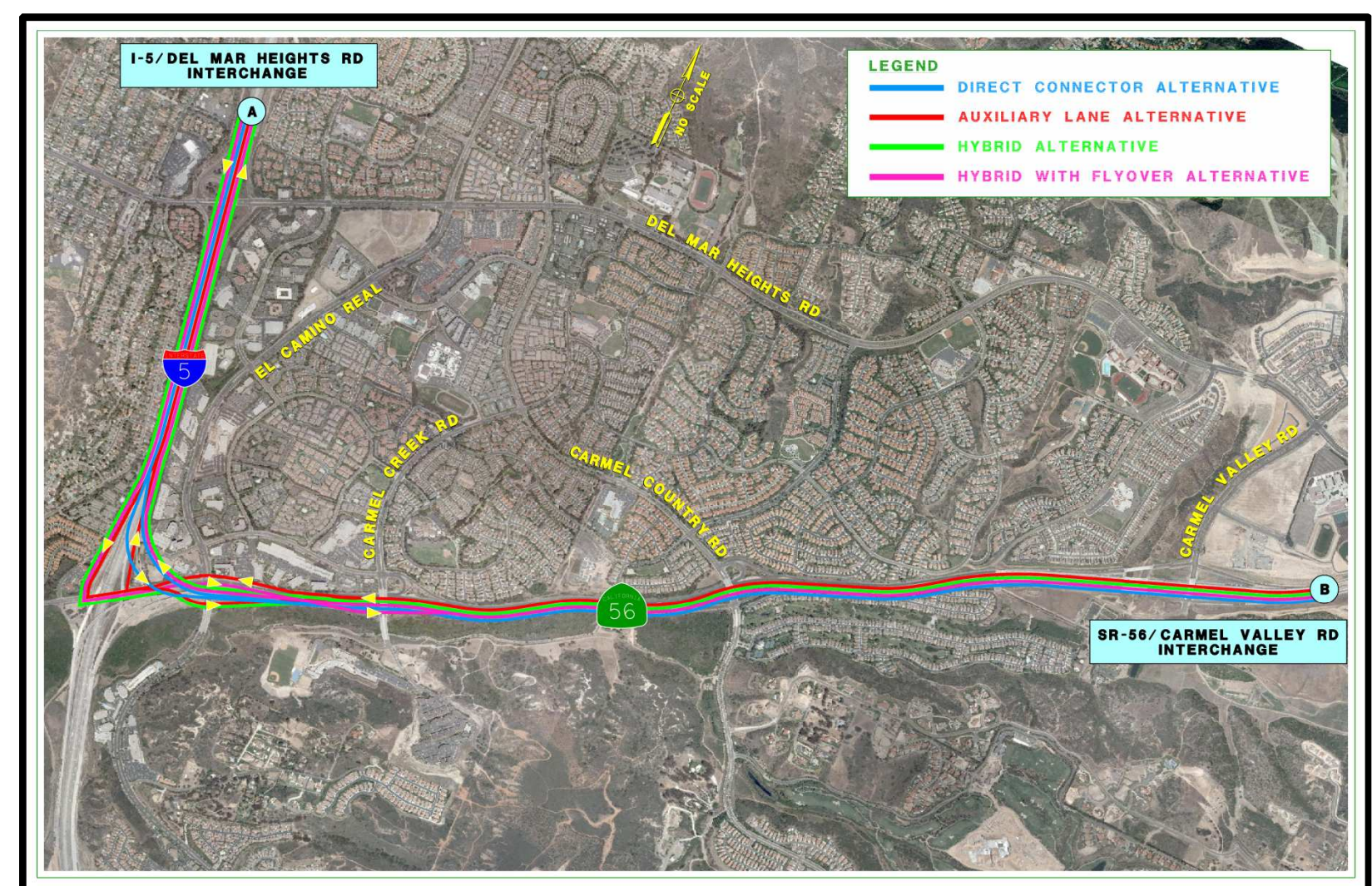
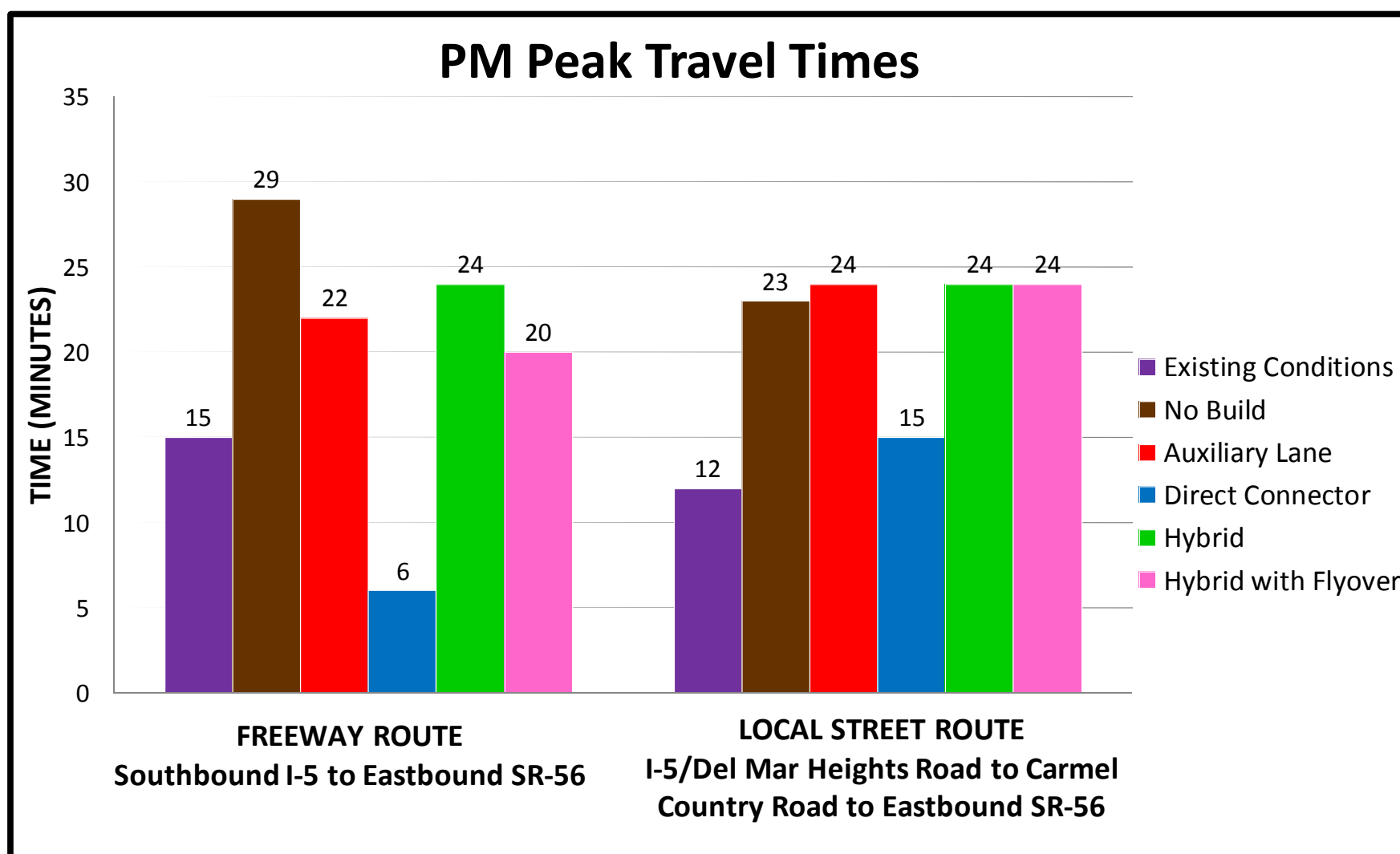
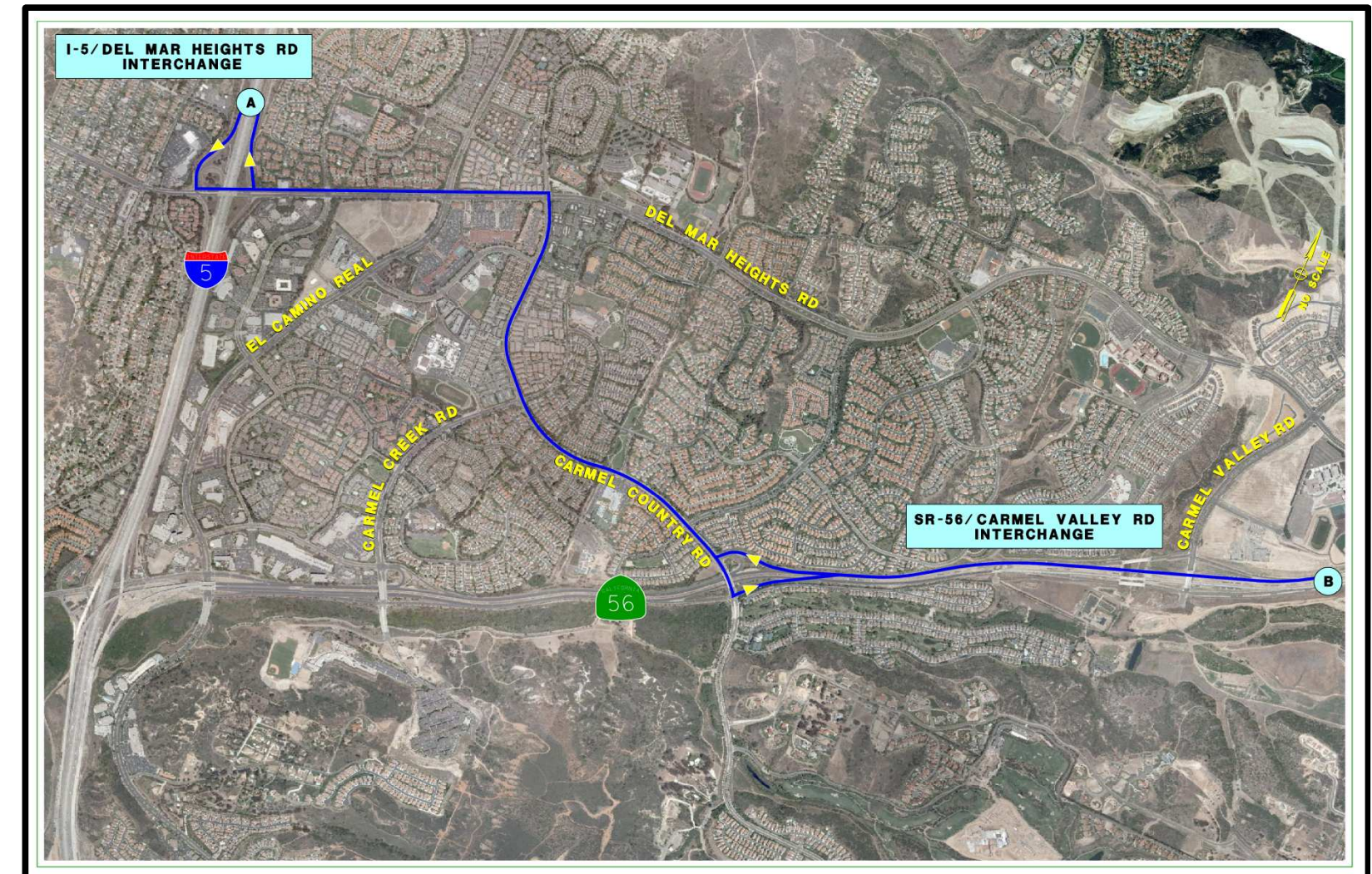
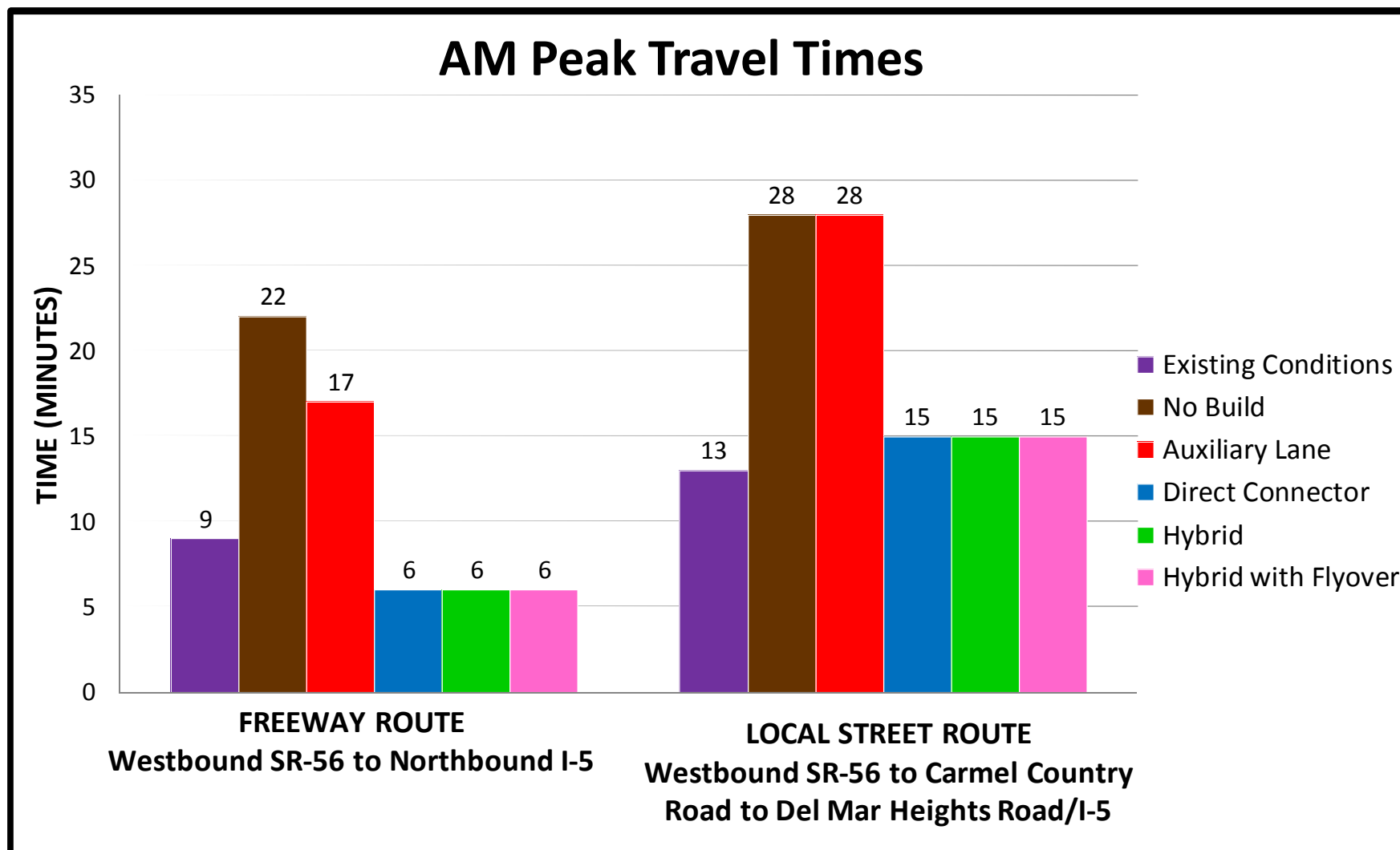




# Travel Time Comparison



# I-5/ DEL MAR HEIGHTS RD INTERCHANGE

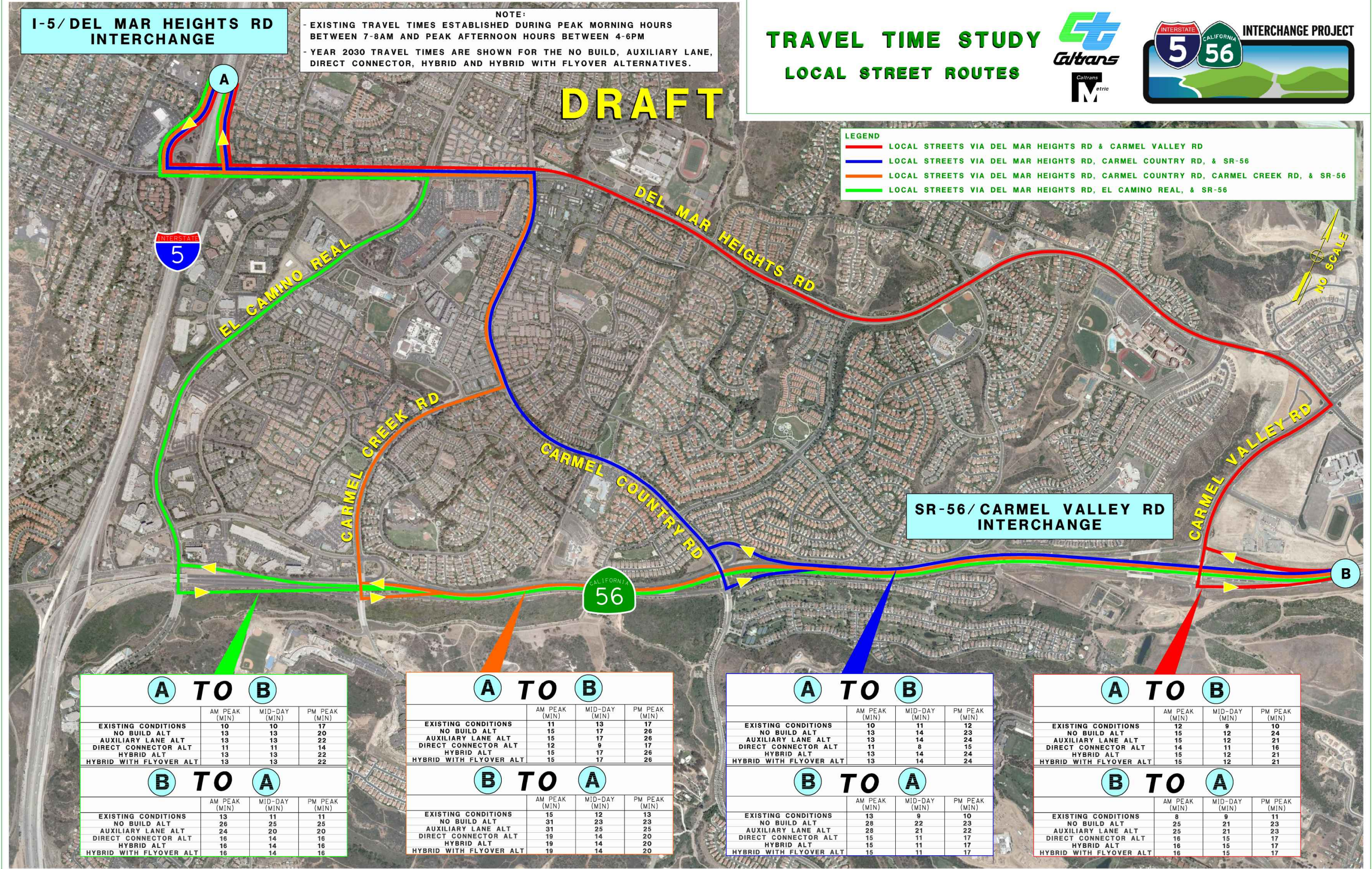
**NOTE:**  
 - EXISTING TRAVEL TIMES ESTABLISHED DURING PEAK MORNING HOURS BETWEEN 7-8AM AND PEAK AFTERNOON HOURS BETWEEN 4-6PM  
 - YEAR 2030 TRAVEL TIMES ARE SHOWN FOR THE NO BUILD, AUXILIARY LANE, DIRECT CONNECTOR, HYBRID AND HYBRID WITH FLYOVER ALTERNATIVES.

# TRAVEL TIME STUDY LOCAL STREET ROUTES



# DRAFT

- LEGEND**
- LOCAL STREETS VIA DEL MAR HEIGHTS RD & CARMEL VALLEY RD
  - LOCAL STREETS VIA DEL MAR HEIGHTS RD, CARMEL COUNTRY RD, & SR-56
  - LOCAL STREETS VIA DEL MAR HEIGHTS RD, CARMEL COUNTRY RD, CARMEL CREEK RD, & SR-56
  - LOCAL STREETS VIA DEL MAR HEIGHTS RD, EL CAMINO REAL, & SR-56



A TO B			
	AM PEAK (MIN)	MID-DAY (MIN)	PM PEAK (MIN)
EXISTING CONDITIONS	10	10	17
NO BUILD ALT	13	13	20
AUXILIARY LANE ALT	13	13	22
DIRECT CONNECTOR ALT	11	11	14
HYBRID ALT	13	13	22
HYBRID WITH FLYOVER ALT	13	13	22

B TO A			
	AM PEAK (MIN)	MID-DAY (MIN)	PM PEAK (MIN)
EXISTING CONDITIONS	13	11	11
NO BUILD ALT	26	25	25
AUXILIARY LANE ALT	24	20	20
DIRECT CONNECTOR ALT	16	14	16
HYBRID ALT	16	14	16
HYBRID WITH FLYOVER ALT	16	14	16

A TO B			
	AM PEAK (MIN)	MID-DAY (MIN)	PM PEAK (MIN)
EXISTING CONDITIONS	11	13	17
NO BUILD ALT	15	17	26
AUXILIARY LANE ALT	15	17	26
DIRECT CONNECTOR ALT	12	9	17
HYBRID ALT	15	17	26
HYBRID WITH FLYOVER ALT	15	17	26

B TO A			
	AM PEAK (MIN)	MID-DAY (MIN)	PM PEAK (MIN)
EXISTING CONDITIONS	15	12	13
NO BUILD ALT	31	23	23
AUXILIARY LANE ALT	31	25	25
DIRECT CONNECTOR ALT	19	14	20
HYBRID ALT	19	14	20
HYBRID WITH FLYOVER ALT	19	14	20

A TO B			
	AM PEAK (MIN)	MID-DAY (MIN)	PM PEAK (MIN)
EXISTING CONDITIONS	10	11	12
NO BUILD ALT	13	14	23
AUXILIARY LANE ALT	13	14	24
DIRECT CONNECTOR ALT	11	8	15
HYBRID ALT	13	14	24
HYBRID WITH FLYOVER ALT	13	14	24

B TO A			
	AM PEAK (MIN)	MID-DAY (MIN)	PM PEAK (MIN)
EXISTING CONDITIONS	13	9	10
NO BUILD ALT	28	22	23
AUXILIARY LANE ALT	28	21	22
DIRECT CONNECTOR ALT	15	11	17
HYBRID ALT	15	11	17
HYBRID WITH FLYOVER ALT	15	11	17

A TO B			
	AM PEAK (MIN)	MID-DAY (MIN)	PM PEAK (MIN)
EXISTING CONDITIONS	12	9	10
NO BUILD ALT	15	12	24
AUXILIARY LANE ALT	15	12	21
DIRECT CONNECTOR ALT	14	11	16
HYBRID ALT	15	12	21
HYBRID WITH FLYOVER ALT	15	12	21

B TO A			
	AM PEAK (MIN)	MID-DAY (MIN)	PM PEAK (MIN)
EXISTING CONDITIONS	8	9	11
NO BUILD ALT	25	21	23
AUXILIARY LANE ALT	25	21	23
DIRECT CONNECTOR ALT	16	15	17
HYBRID ALT	16	15	17
HYBRID WITH FLYOVER ALT	16	15	17

**I-5/ DEL MAR HEIGHTS RD INTERCHANGE**

**TRAVEL TIME STUDY  
FREEWAY ROUTES**



**LEGEND**

- DIRECT CONNECTOR ALTERNATIVE
- AUXILIARY LANE ALTERNATIVE
- HYBRID ALTERNATIVE
- HYBRID WITH FLYOVER ALTERNATIVE

<b>A TO B</b>			
	AM PEAK (MIN)	MID-DAY (MIN)	PM PEAK (MIN)
EXISTING CONDITIONS	6	6	15
NO BUILD ALT	15	15	29
DIRECT CONNECTOR ALT	6	6	6
AUXILIARY LANE ALT	12	12	22
HYBRID ALT	13	12	24
HYBRID WITH FLYOVER ALT	12	10	20

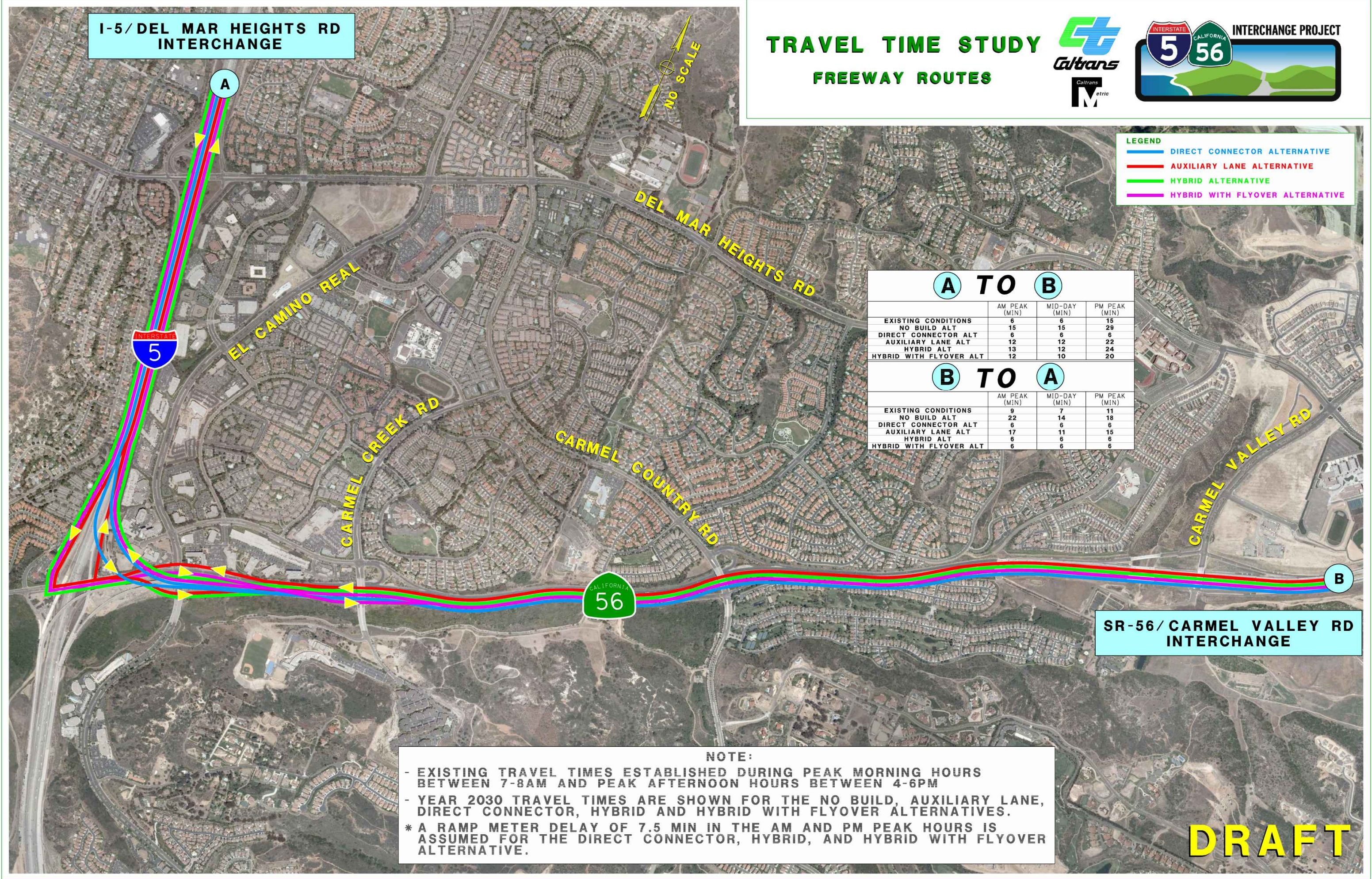
  

<b>B TO A</b>			
	AM PEAK (MIN)	MID-DAY (MIN)	PM PEAK (MIN)
EXISTING CONDITIONS	9	7	11
NO BUILD ALT	22	14	18
DIRECT CONNECTOR ALT	6	6	6
AUXILIARY LANE ALT	17	11	15
HYBRID ALT	6	6	6
HYBRID WITH FLYOVER ALT	6	6	6

**NOTE:**

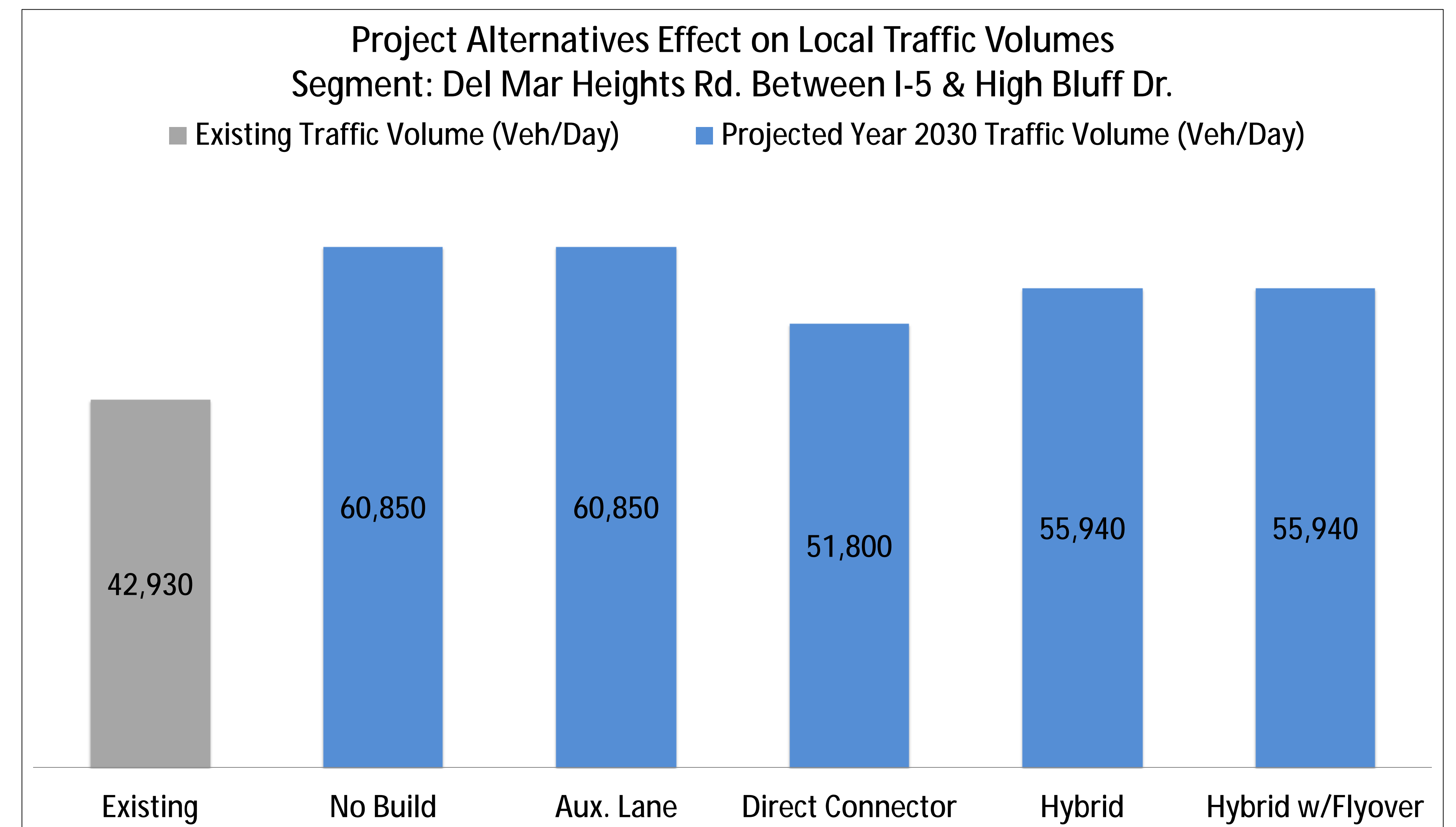
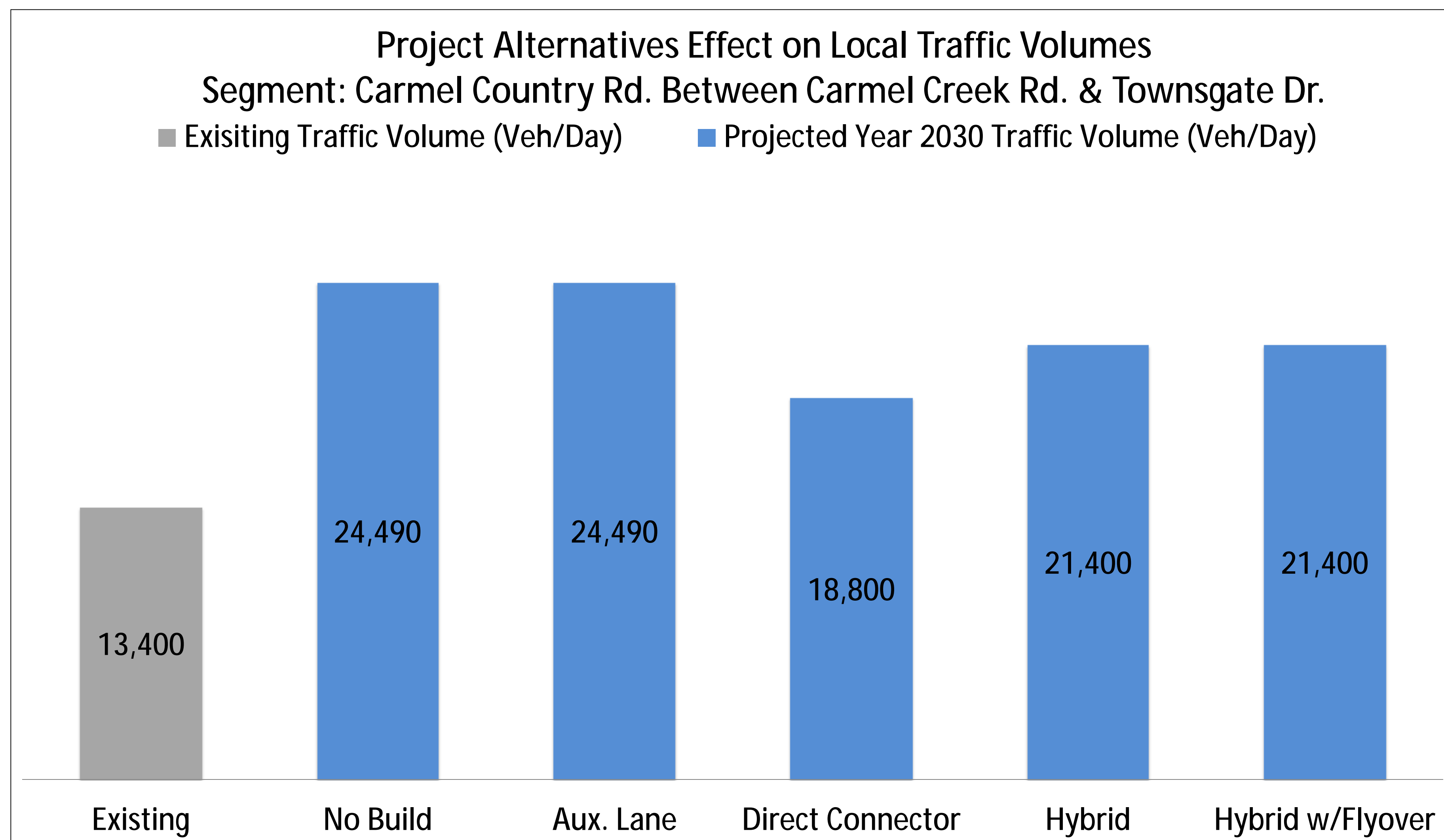
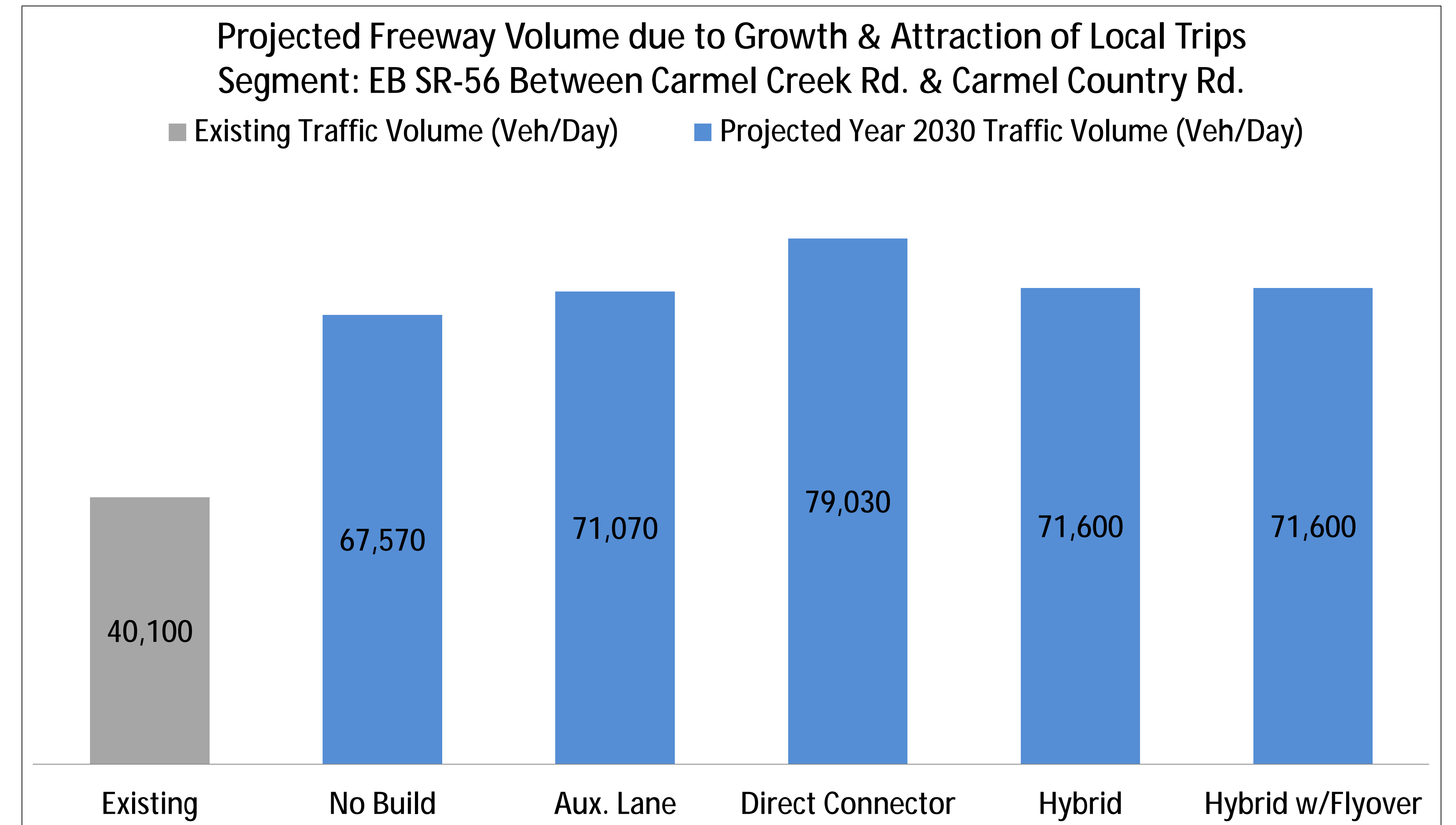
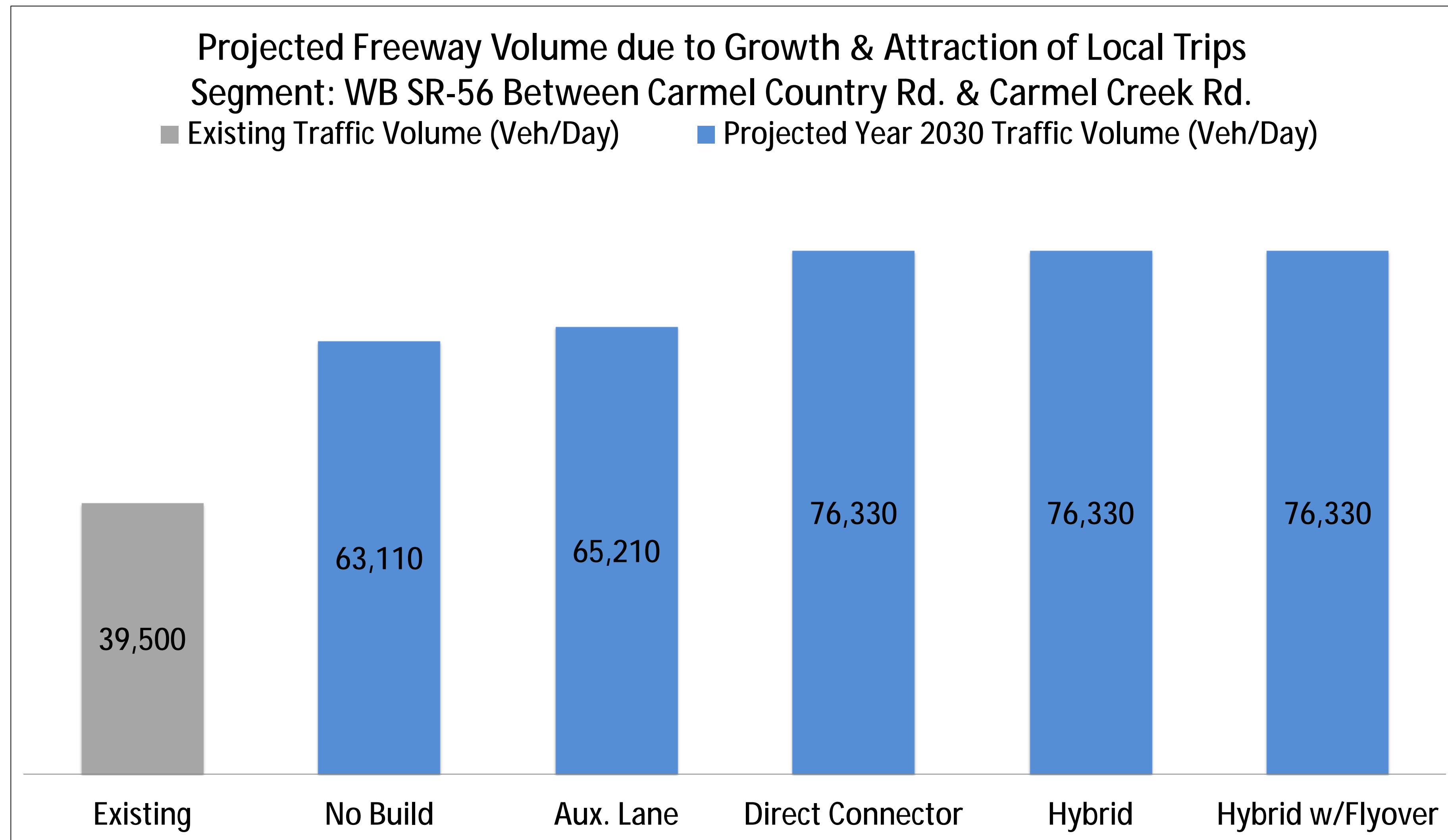
- EXISTING TRAVEL TIMES ESTABLISHED DURING PEAK MORNING HOURS BETWEEN 7-8AM AND PEAK AFTERNOON HOURS BETWEEN 4-6PM
- YEAR 2030 TRAVEL TIMES ARE SHOWN FOR THE NO BUILD, AUXILIARY LANE, DIRECT CONNECTOR, HYBRID AND HYBRID WITH FLYOVER ALTERNATIVES.
- \* A RAMP METER DELAY OF 7.5 MIN IN THE AM AND PM PEAK HOURS IS ASSUMED FOR THE DIRECT CONNECTOR, HYBRID, AND HYBRID WITH FLYOVER ALTERNATIVE.

**DRAFT**



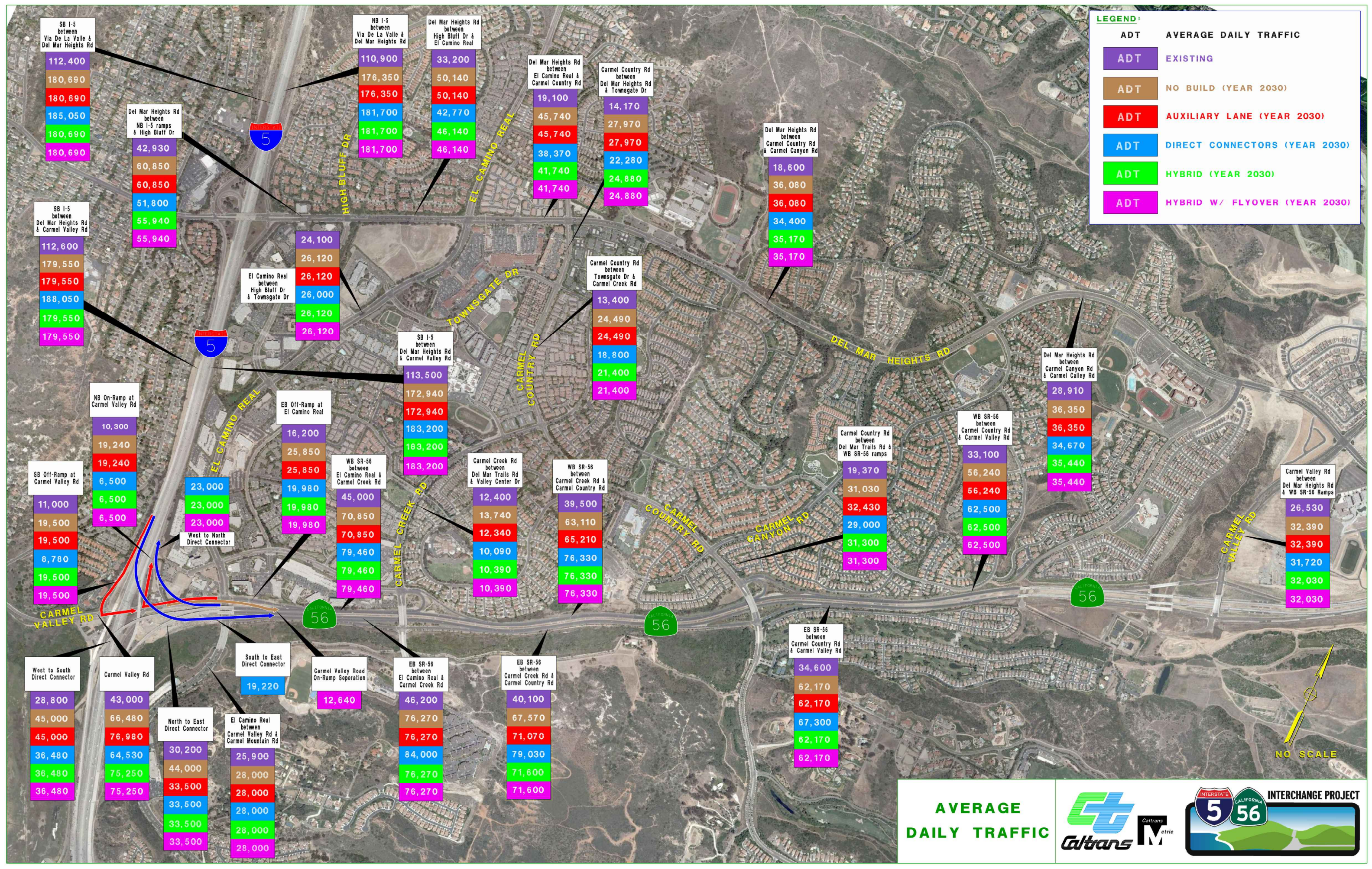


# Traffic Volume Comparison



**LEGEND:**

- ADT AVERAGE DAILY TRAFFIC
- ADT EXISTING
- ADT NO BUILD (YEAR 2030)
- ADT AUXILIARY LANE (YEAR 2030)
- ADT DIRECT CONNECTORS (YEAR 2030)
- ADT HYBRID (YEAR 2030)
- ADT HYBRID W/ FLYOVER (YEAR 2030)



SB I-5 between Via De La Valle & Del Mar Heights Rd

112,400
180,690
180,690
185,050
180,690
180,690

Del Mar Heights Rd between NB I-5 ramps & High Bluff Dr

42,930
60,850
60,850
51,800
55,940
55,940

NB I-5 between Via De La Valle & Del Mar Heights Rd

110,900
176,350
176,350
181,700
181,700
181,700

Del Mar Heights Rd between High Bluff Dr & El Camino Real

33,200
50,140
50,140
42,770
46,140
46,140

Del Mar Heights Rd between El Camino Real & Carmel Country Rd

19,100
45,740
45,740
38,370
41,740
41,740

Carmel Country Rd between Del Mar Heights Rd & Townsgate Dr

14,170
27,970
27,970
22,280
24,880
24,880

Del Mar Heights Rd between Carmel Country Rd & Carmel Canyon Rd

18,600
36,080
36,080
34,400
35,170
35,170

SB I-5 between Del Mar Heights Rd & Carmel Valley Rd

112,600
179,550
179,550
188,050
179,550
179,550

El Camino Real between High Bluff Dr & Townsgate Dr

24,100
26,120
26,120
26,000
26,120
26,120

SB I-5 between Del Mar Heights Rd & Carmel Valley Rd

113,500
172,940
172,940
183,200
183,200
183,200

Carmel Country Rd between Townsgate Dr & Carmel Creek Rd

13,400
24,490
24,490
18,800
21,400
21,400

Del Mar Heights Rd between Carmel Canyon Rd & Carmel Valley Rd

28,910
36,350
36,350
34,670
35,440
35,440

NB On-Ramp at Carmel Valley Rd

10,300
19,240
19,240
6,500
6,500
6,500

EB Off-Ramp at El Camino Real

16,200
25,850
25,850
19,980
19,980
19,980

WB SR-56 between El Camino Real & Carmel Creek Rd

45,000
70,850
70,850
79,460
79,460
79,460

Carmel Creek Rd between Del Mar Trails Rd & Valley Center Dr

12,400
13,740
12,340
10,090
10,390
10,390

WB SR-56 between Carmel Creek Rd & Carmel Country Rd

39,500
63,110
65,210
76,330
76,330
76,330

Carmel Country Rd between Del Mar Trails Rd & WB SR-56 ramps

19,370
31,030
32,430
29,000
31,300
31,300

WB SR-56 between Carmel Country Rd & Carmel Valley Rd

33,100
56,240
56,240
62,500
62,500
62,500

SB Off-Ramp at Carmel Valley Rd

11,000
19,500
19,500
6,780
19,500
19,500

West to North Direct Connector

23,000
23,000
23,000
23,000
23,000
23,000

Carmel Valley Rd between Del Mar Heights Rd & WB SR-56 Ramps

26,530
32,390
32,390
31,720
32,030
32,030

West to South Direct Connector

28,800
45,000
45,000
36,480
36,480
36,480

Carmel Valley Rd

43,000
66,480
76,980
64,530
75,250
75,250

North to East Direct Connector

30,200
44,000
33,500
33,500
33,500
33,500

El Camino Real between Carmel Valley Rd & Carmel Mountain Rd

25,900
28,000
28,000
28,000
28,000
28,000

Carmel Valley Road On-Ramp Separation

12,640
12,640
12,640
12,640
12,640
12,640

EB SR-56 between El Camino Real & Carmel Creek Rd

46,200
76,270
76,270
84,000
76,270
76,270

EB SR-56 between Carmel Creek Rd & Carmel Country Rd

40,100
67,570
71,070
79,030
71,600
71,600

EB SR-56 between Carmel Country Rd & Carmel Valley Rd

34,600
62,170
62,170
67,300
62,170
62,170

**AVERAGE DAILY TRAFFIC**

