

Appendix H

FUTURE (2035) ADJACENT FREEWAY OPERATIONS

SCHEMATIC DIAGRAMS

Schematic Diagram Notes:

1. Morning, evening and midday peak hour traffic volumes and Level of Services (LOS) are reported for Alternative 1, Alternative 5A, Alternative 6A, Alternative 6B and Alternative 6C schematic diagrams.
2. At major merge junctions, volume-to-capacity ratio is reported in place of LOS due to limitations in HCM 2000 analysis methodology.
3. N/A = Not applicable; no separate merge and diverge analysis is required for ramp junctions that result in weaving operation, lane addition and/or lane drop.
4. "--" = Not available; basic freeway analysis are performed at major freeway segments only.

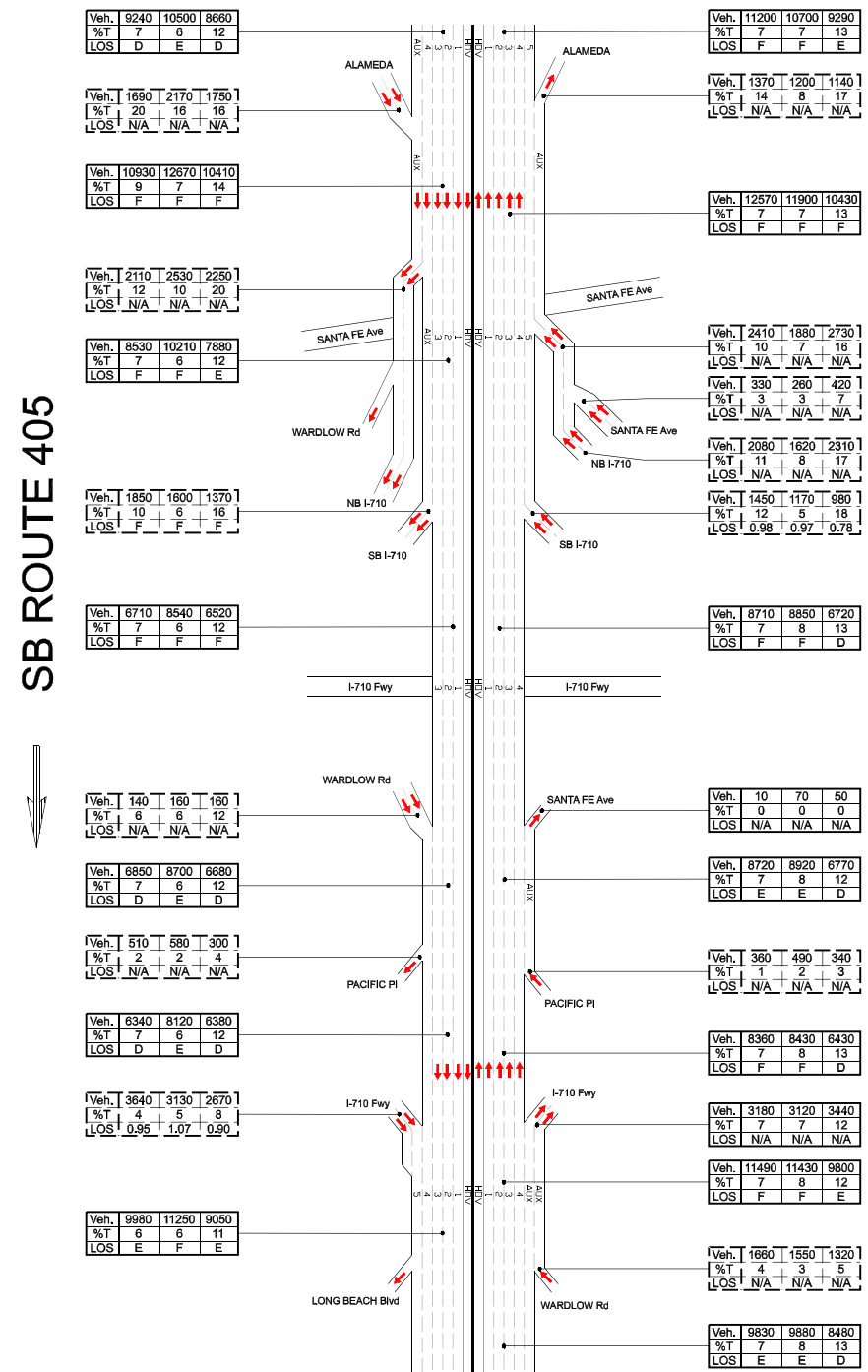
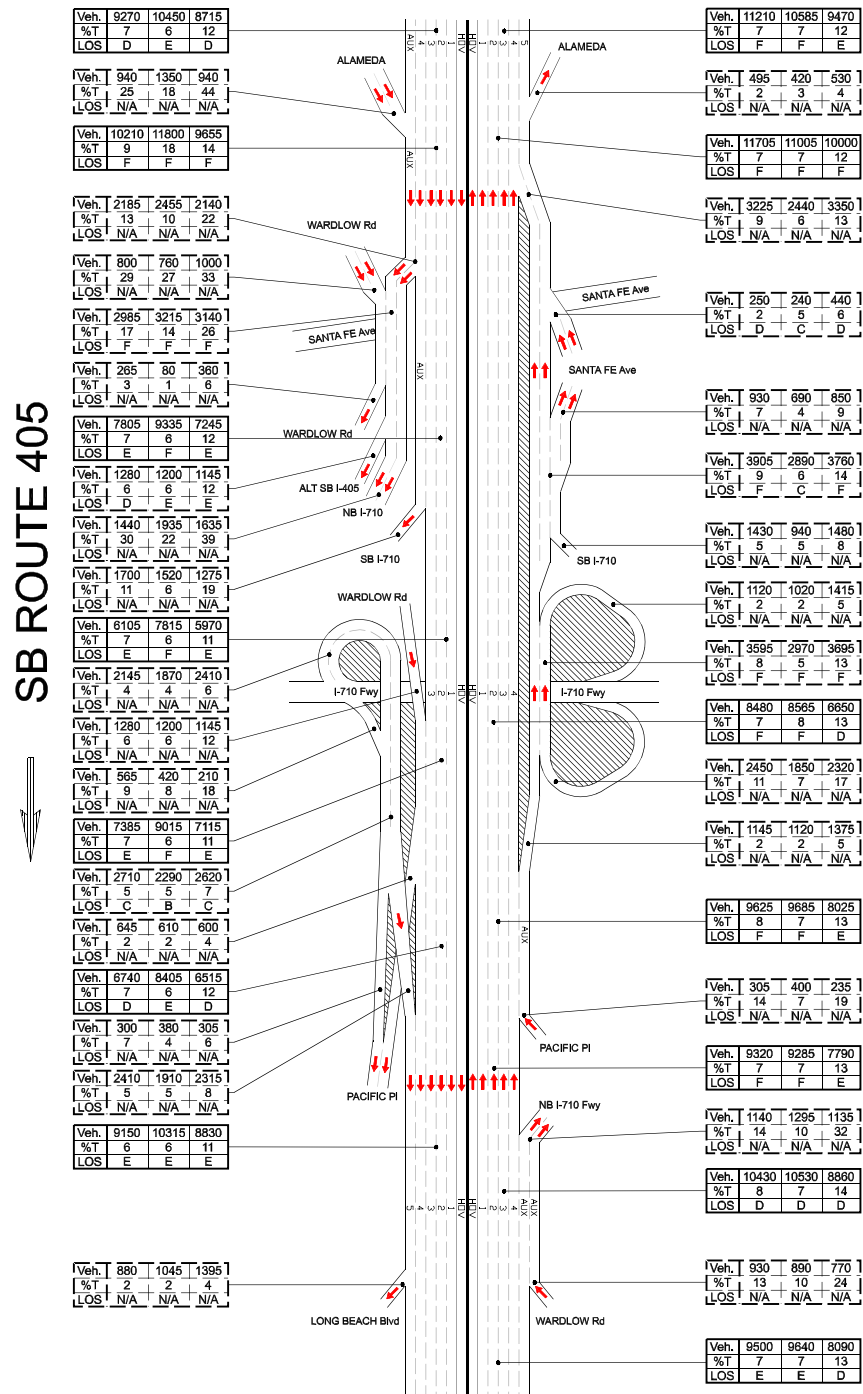
Schematic Diagram Legend:

Veh. = Peak hour total vehicle volume

%T = Truck percentage

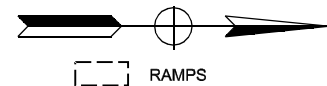
Veh.	AM	PM	MD
%T	%	%	%
LOS	X	X	X





Alternative 1

Alternative 5



MAP NOT DRAWN TO SCALE

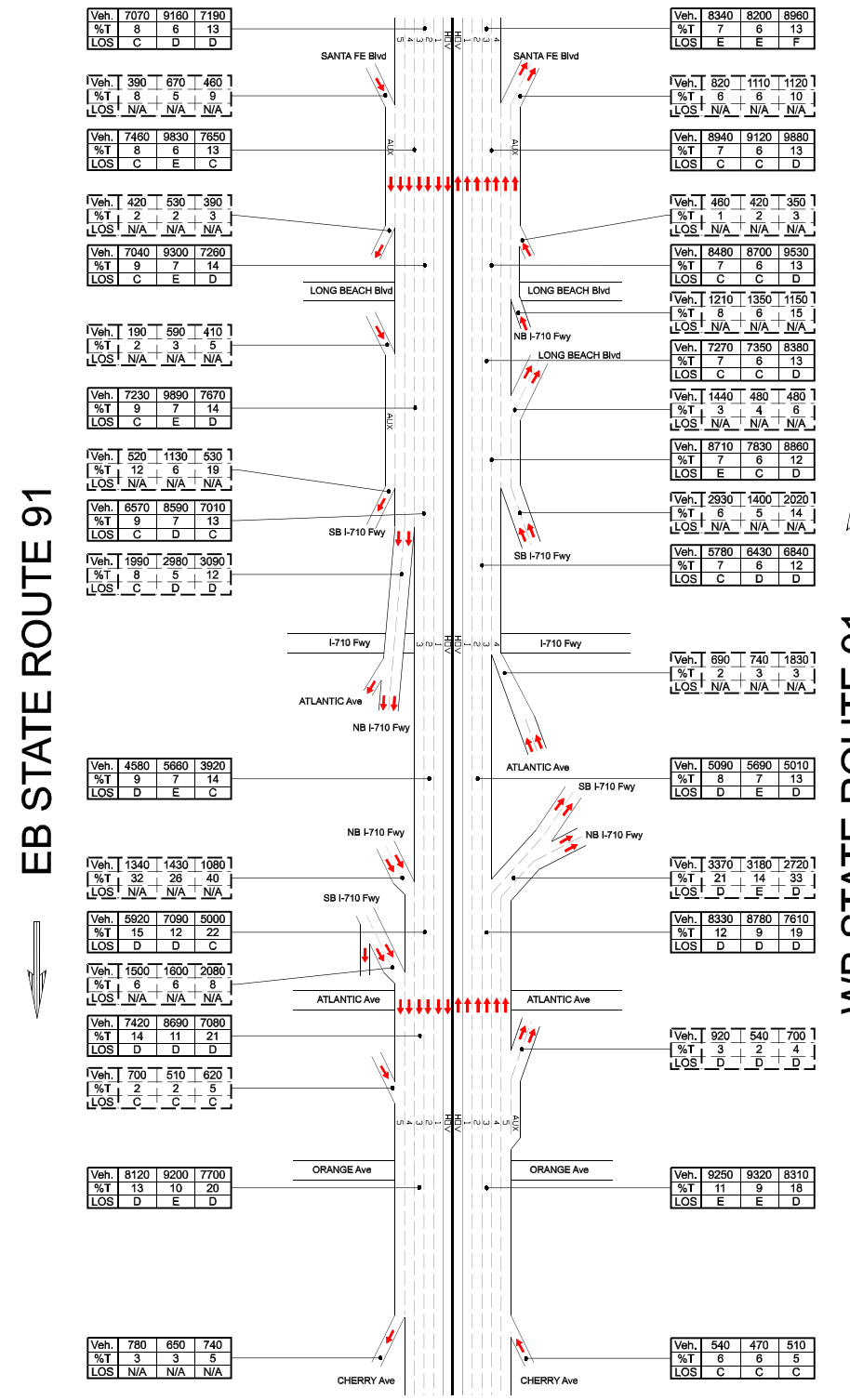
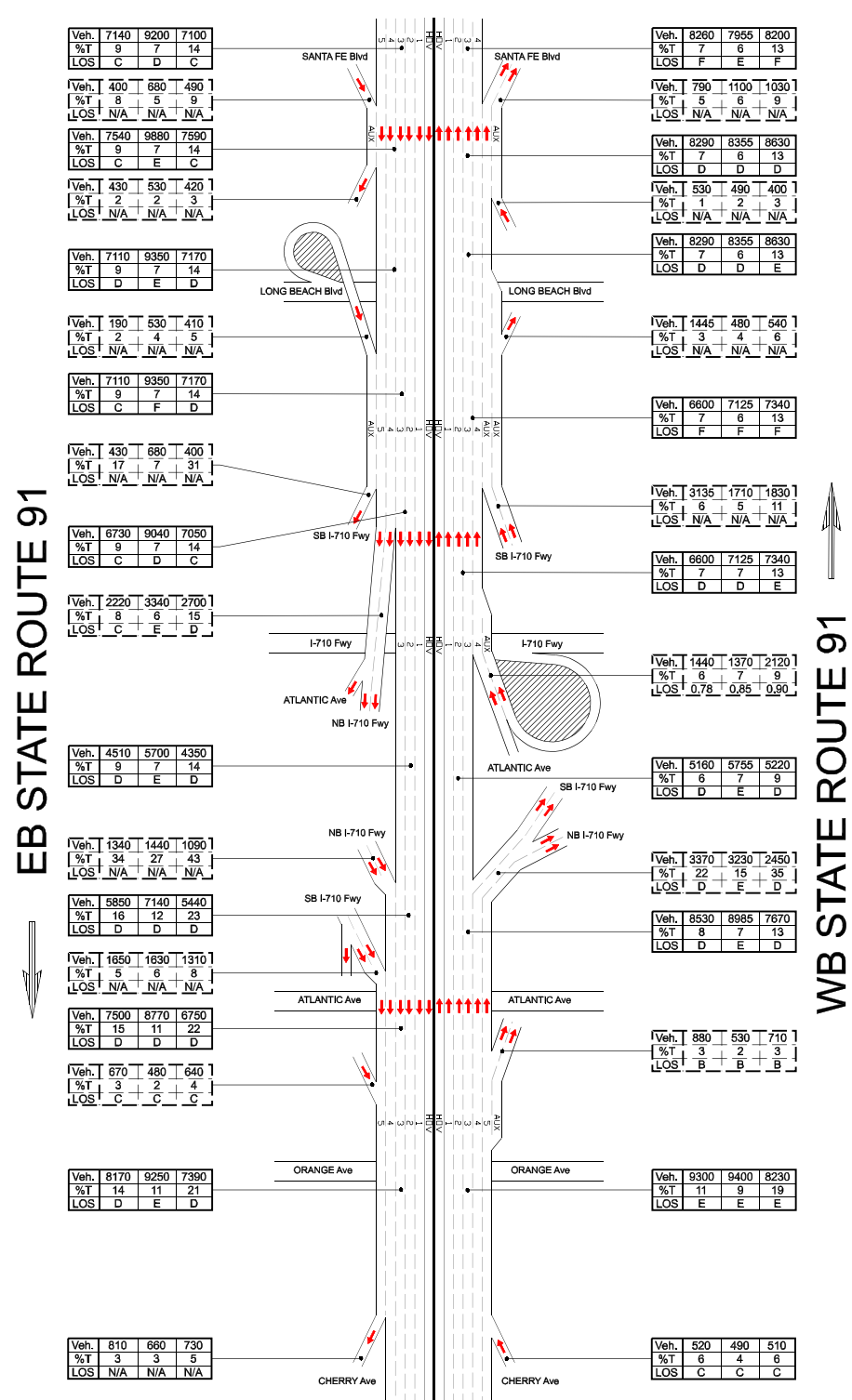


I-710 CORRIDOR PROJECT

Adjacent Freeway Schematic Diagrams - 2035 Alternative 1 & 5

SHEET 1

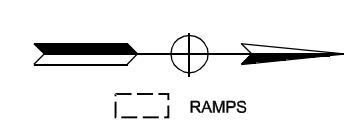
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Alternative 1

Alternative 5

STATE ROUTE 91 MAINLINE



LEGEND

Veh.	AM	PM	MD
%T	%	%	%
LOS	X	X	X

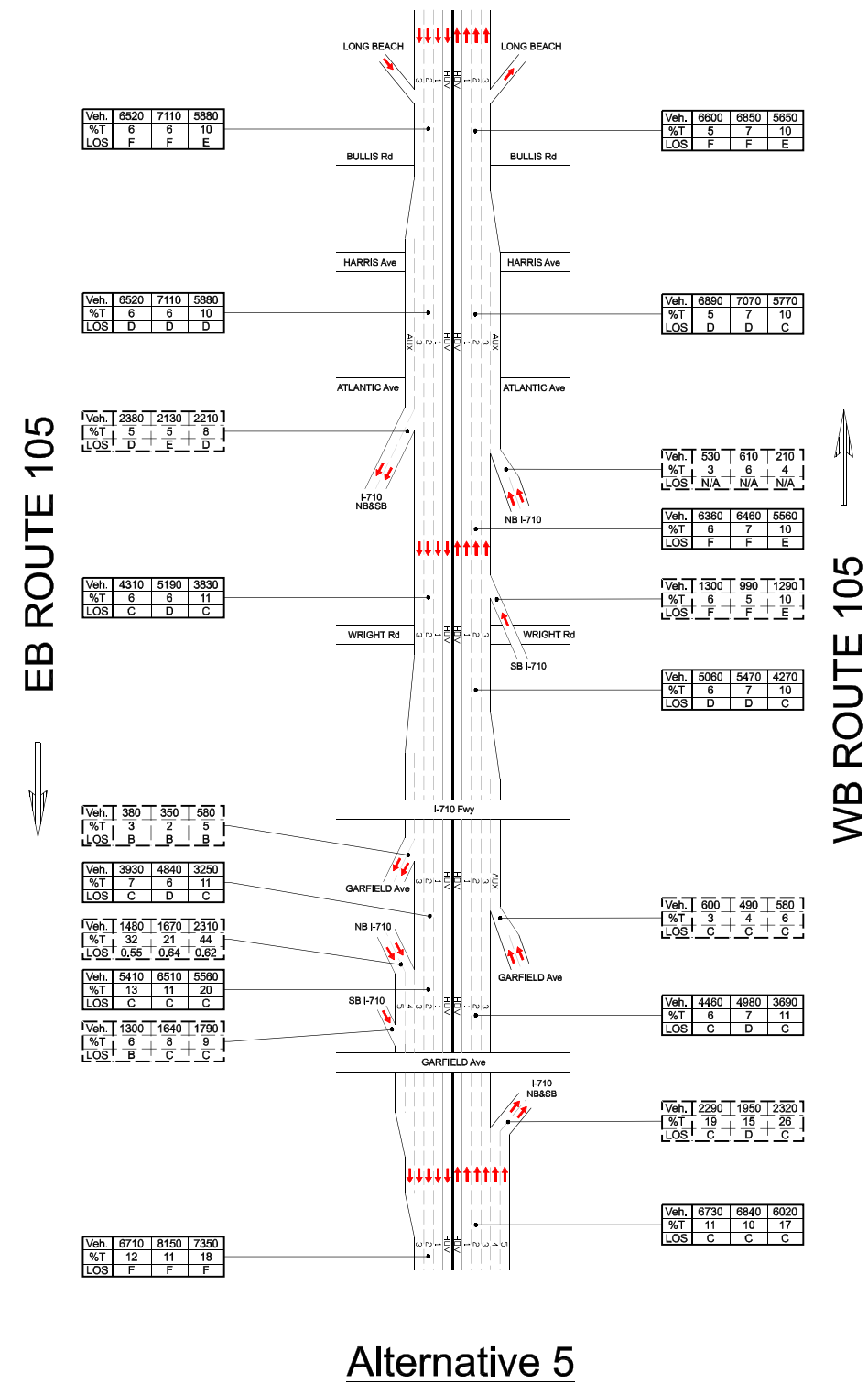
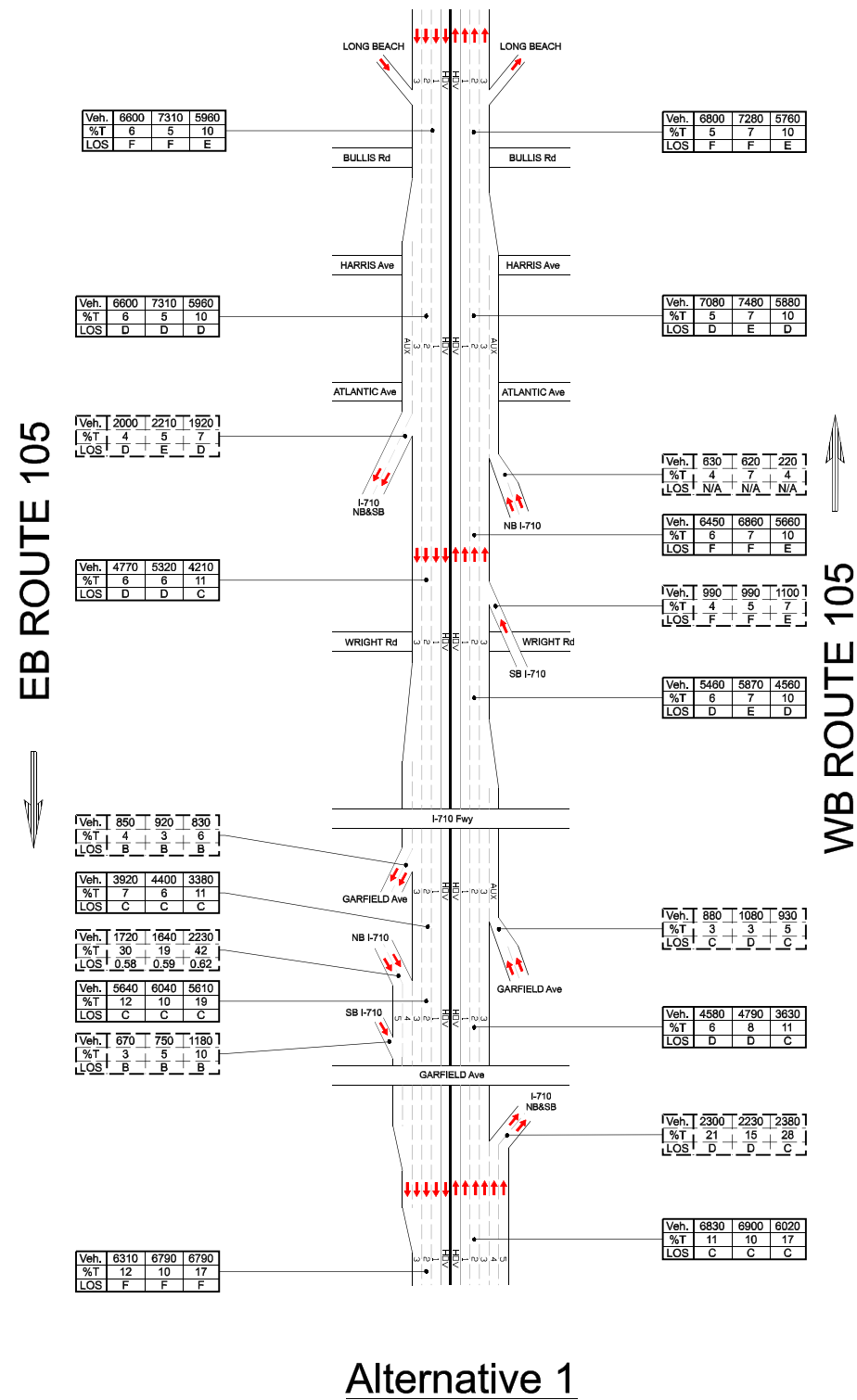
MAP NOT DRAWN TO SCALE



I-710 CORRIDOR PROJECT **Adjacent Freeway Schematic Diagrams - 2035 Alternative 1 & 5**

SHEET 2

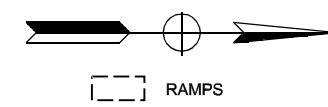
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 DATE: 1/1/2012



Alternative 1

Alternative 5

I- 105 MAINLINE



LEGEND

Veh.	AM	PM	MD
%T	%	%	%
LOS	X	X	X

MAP NOT DRAWN TO SCALE

FILENAME: I-710_Corridor_2035_105_Mainline.dgn
 DATE: 1/11/2012

SB ROUTE 405

NB ROUTE 405

SB ROUTE 405

NB ROUTE 405

SB ROUTE 405

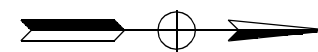
NB ROUTE 405

Alternative 6A

Alternative 6B

Alternative 6C

I- 405 MAINLINE

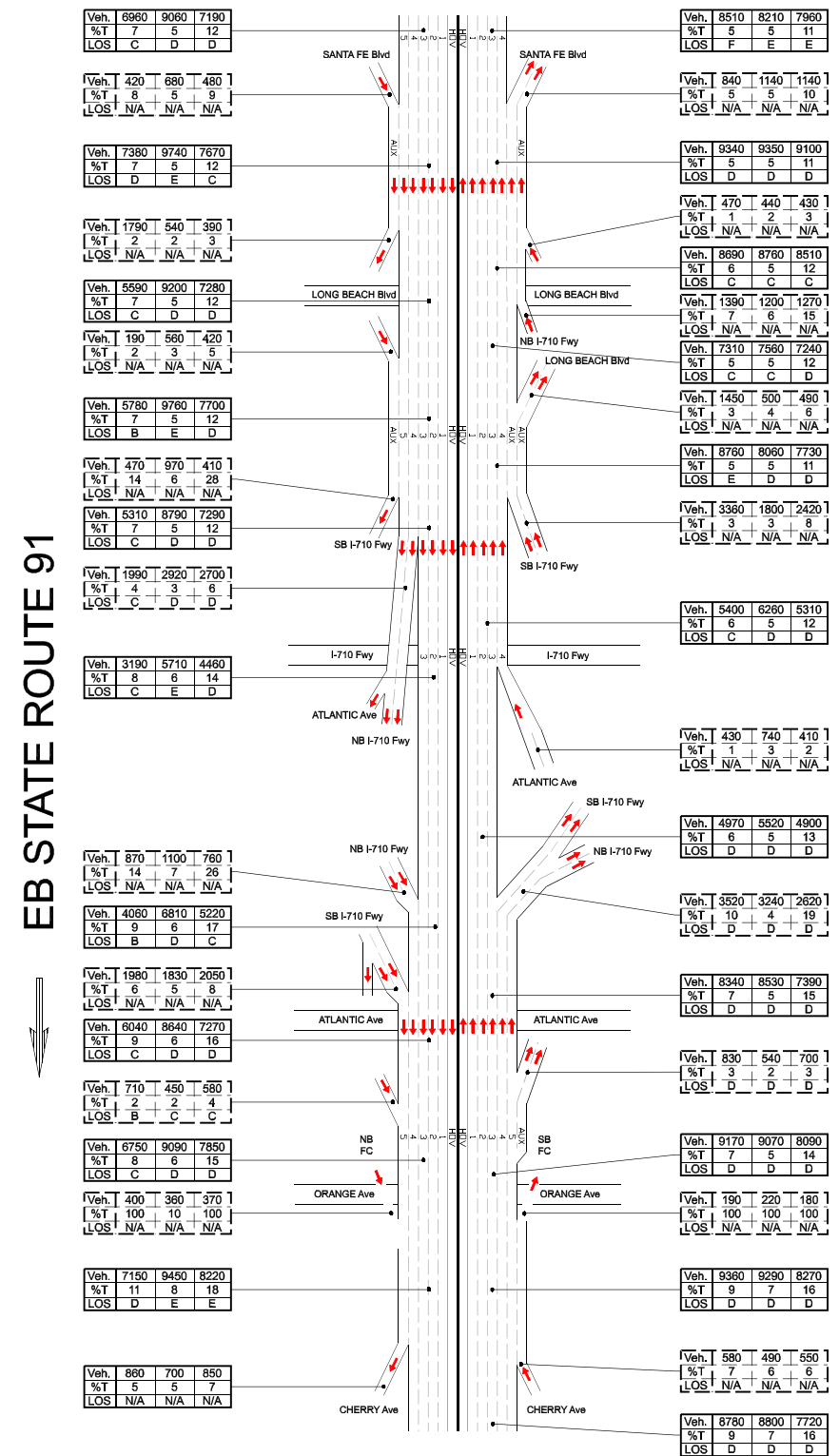


RAMPS

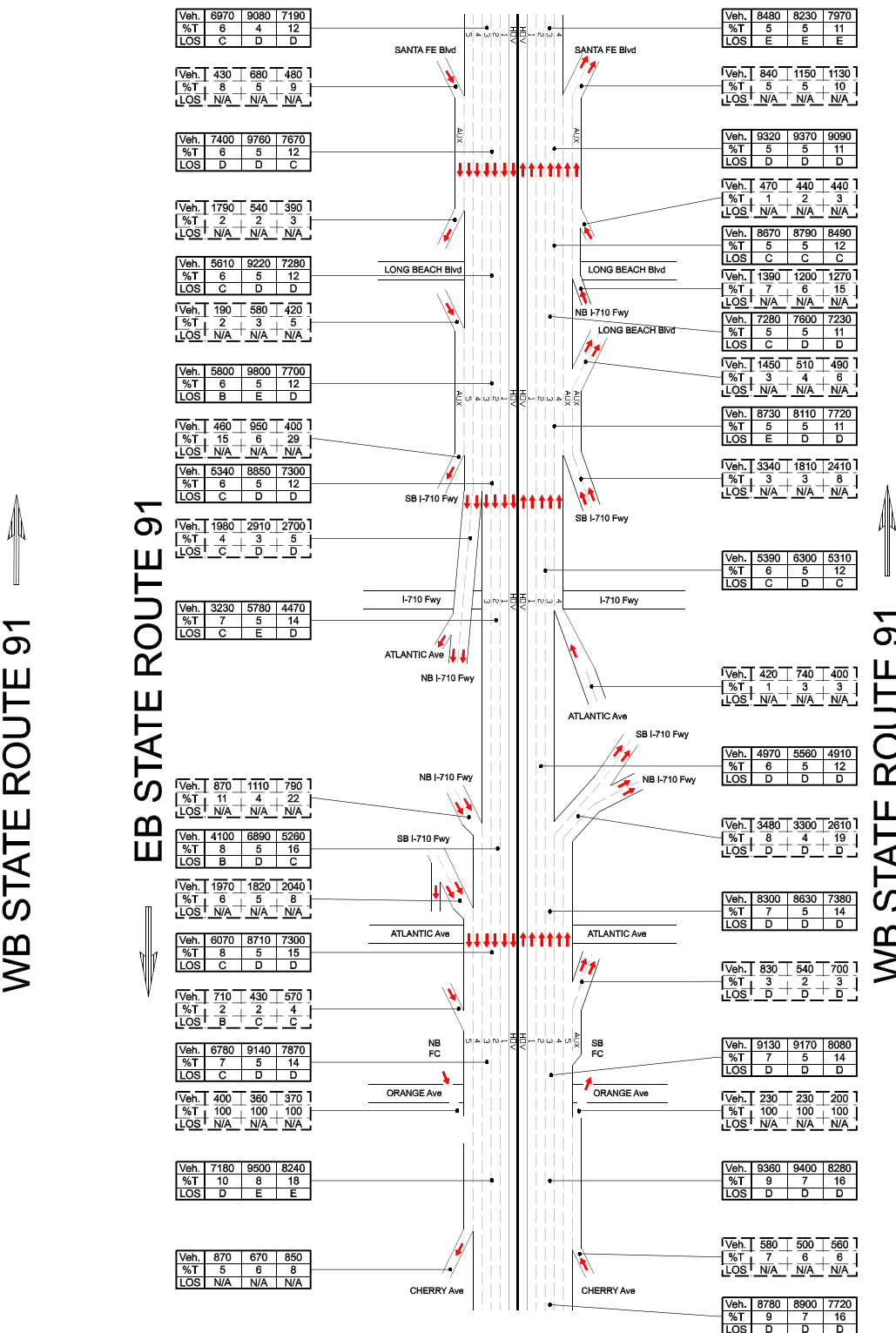
LEGEND

Veh.	AM	PM	MD
%T	%	%	%
LOS	X	X	X

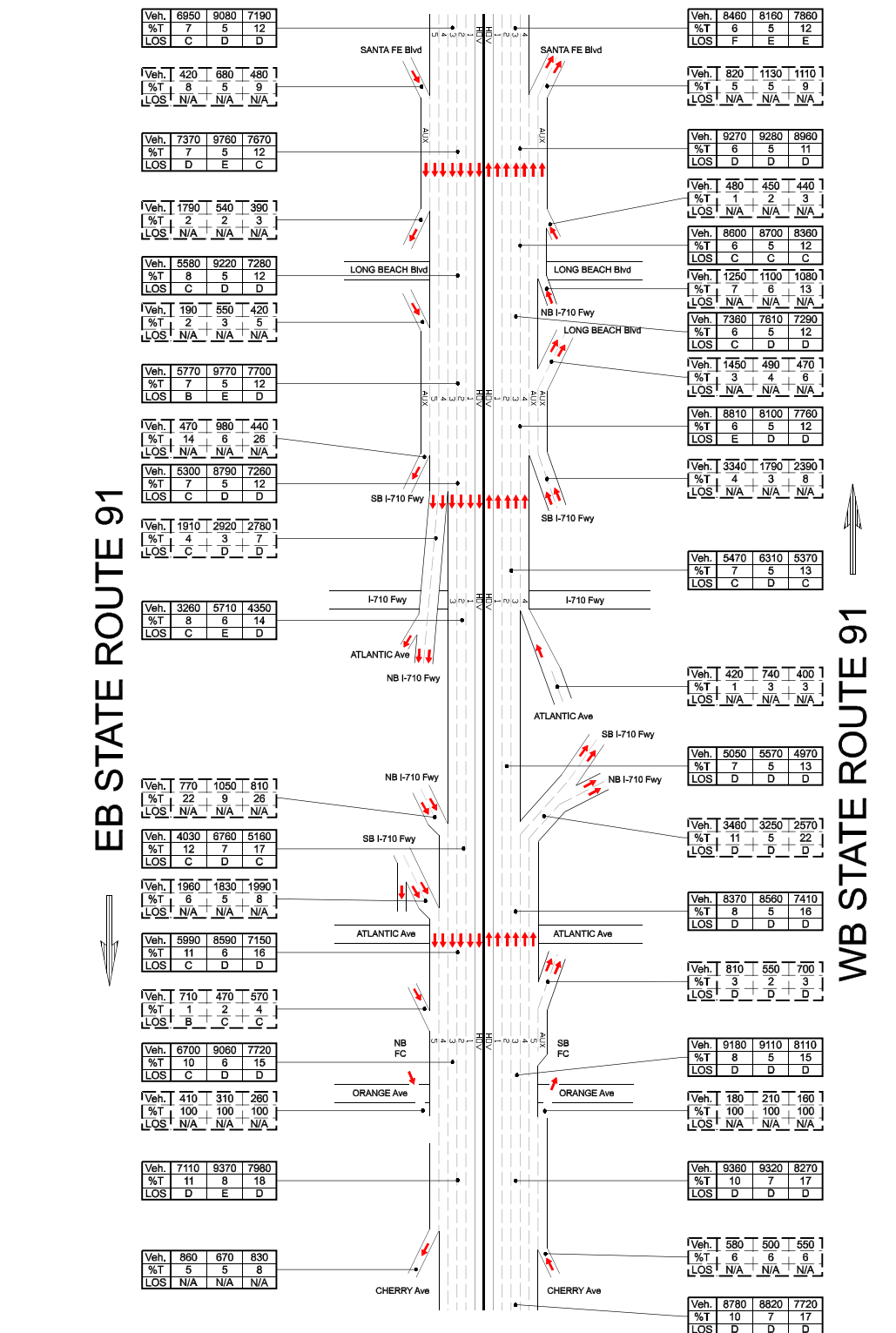
MAP NOT DRAWN TO SCALE



Alternative 6A

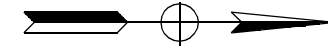


Alternative 6B



Alternative 6C

STATE ROUTE 91 MAINLINE



RAMPS

LEGEND

Veh.	AM	PM	MD
%T	%	%	%
LOS	X	X	X

MAP NOT DRAWN TO SCALE



I-710 CORRIDOR PROJECT

Adjacent Freeway Schematic Diagrams - 2035 Alternative 6A, 6B, & 6C

SHEET 5

USERNAME: krt15171_150
 DGN FILE: \\02-4170ABC_SR-91_Mainline.dgn
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EB ROUTE 105

WB ROUTE 105

EB ROUTE 105

WB ROUTE 105

EB ROUTE 105

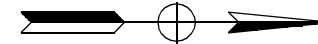
WB ROUTE 105

Alternative 6A

Alternative 6B

Alternative 6C

I- 105 MAINLINE



RAMPS

LEGEND

Veh.	AM	PM	MD
%T	%	%	%
LOS	X	X	X

MAP NOT DRAWN TO SCALE