

Appendix G

FUTURE (2035) I-710 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:

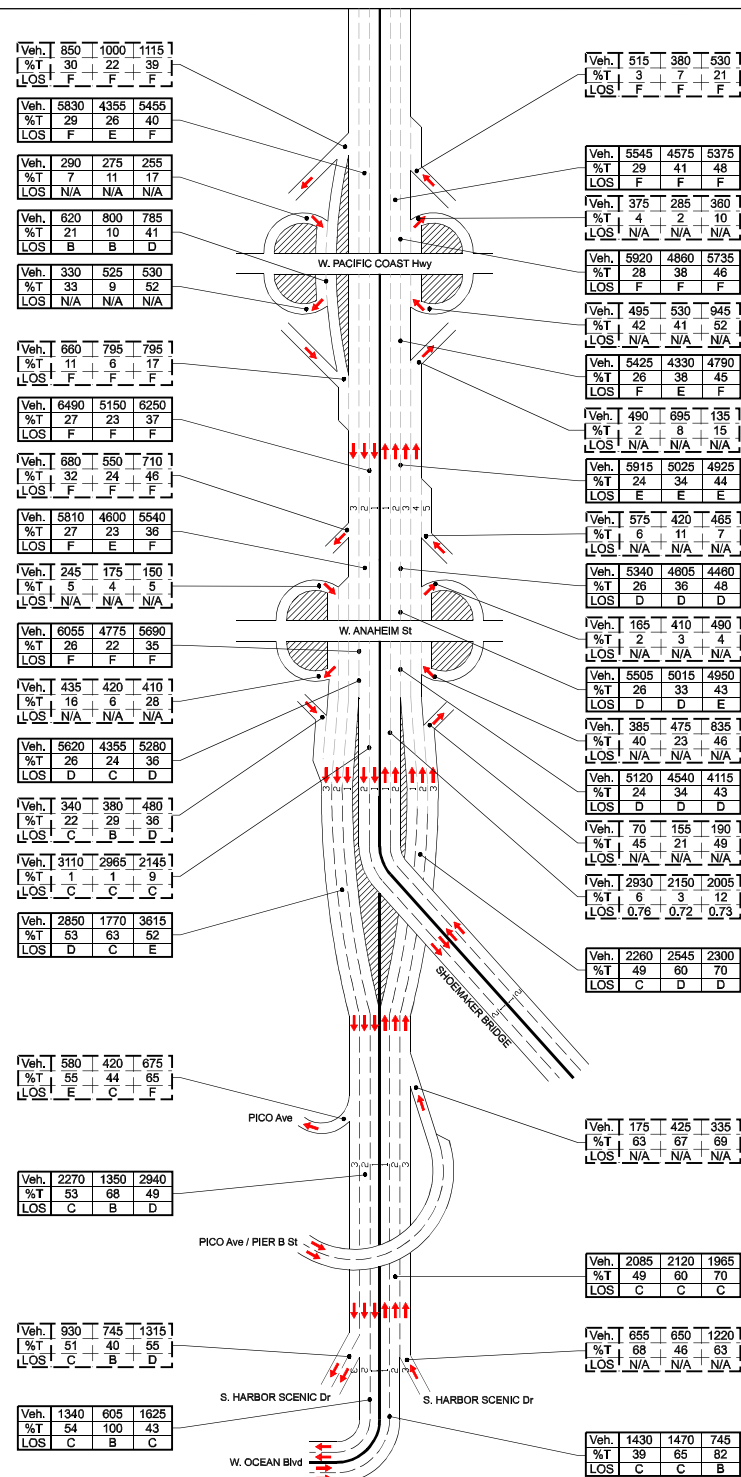
Veh. = Peak hour total vehicle volume

%T = Truck percentage

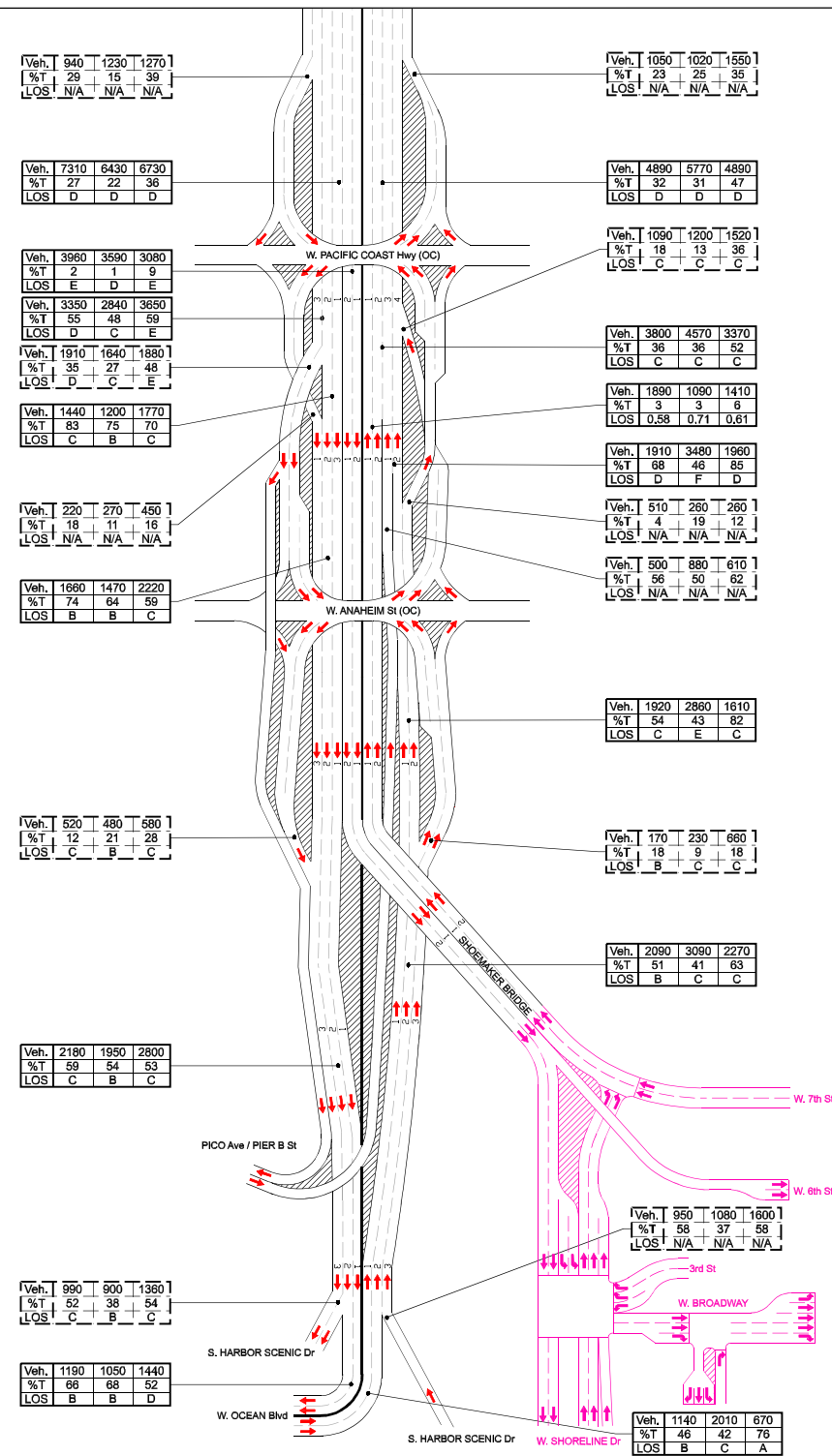
Veh.	AM	PM	MD
%T	%	%	%
LOS	X	X	X

-  FREIGHT CORRIDOR
-  RAMPS

SEE SHEET 2
MATCHLINE



Alternative 1



Alternative 5

SOUTHERN TERMINUS

LEGEND

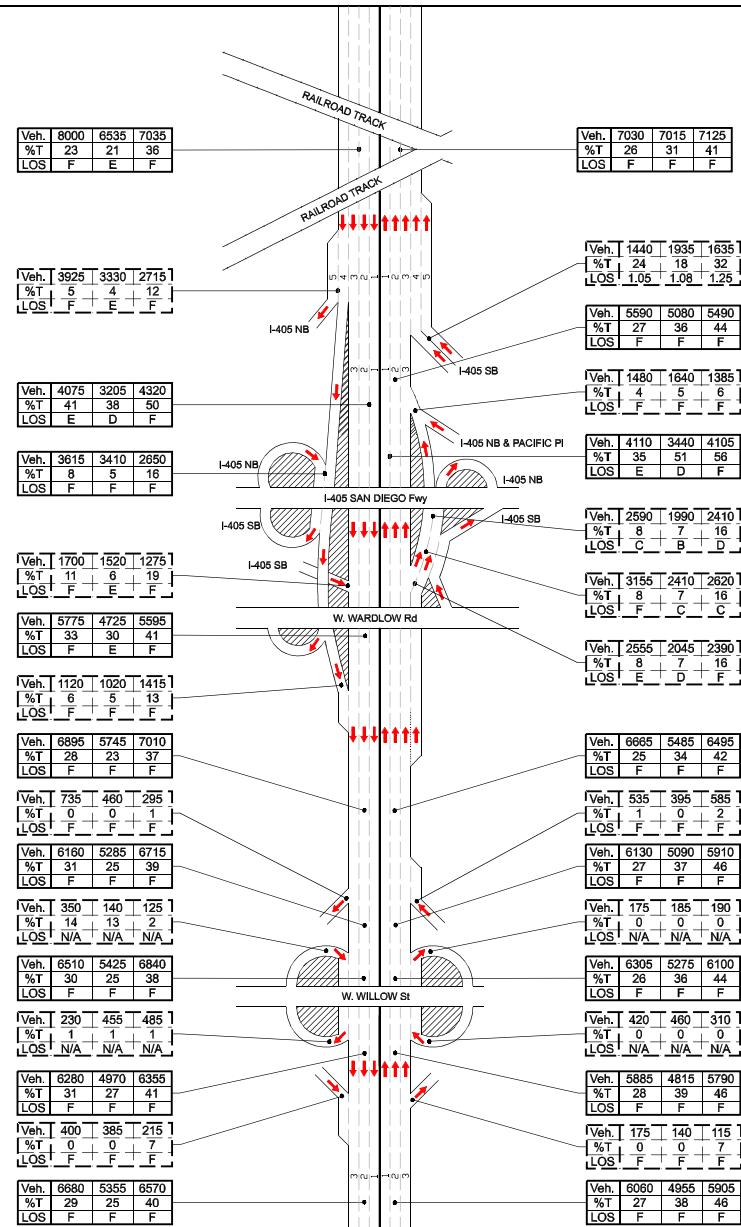
Veh.	AM	PM	MD
%T	%	%	%
LOS	X	X	X

FREIGHT CORRIDOR
 RAMPS

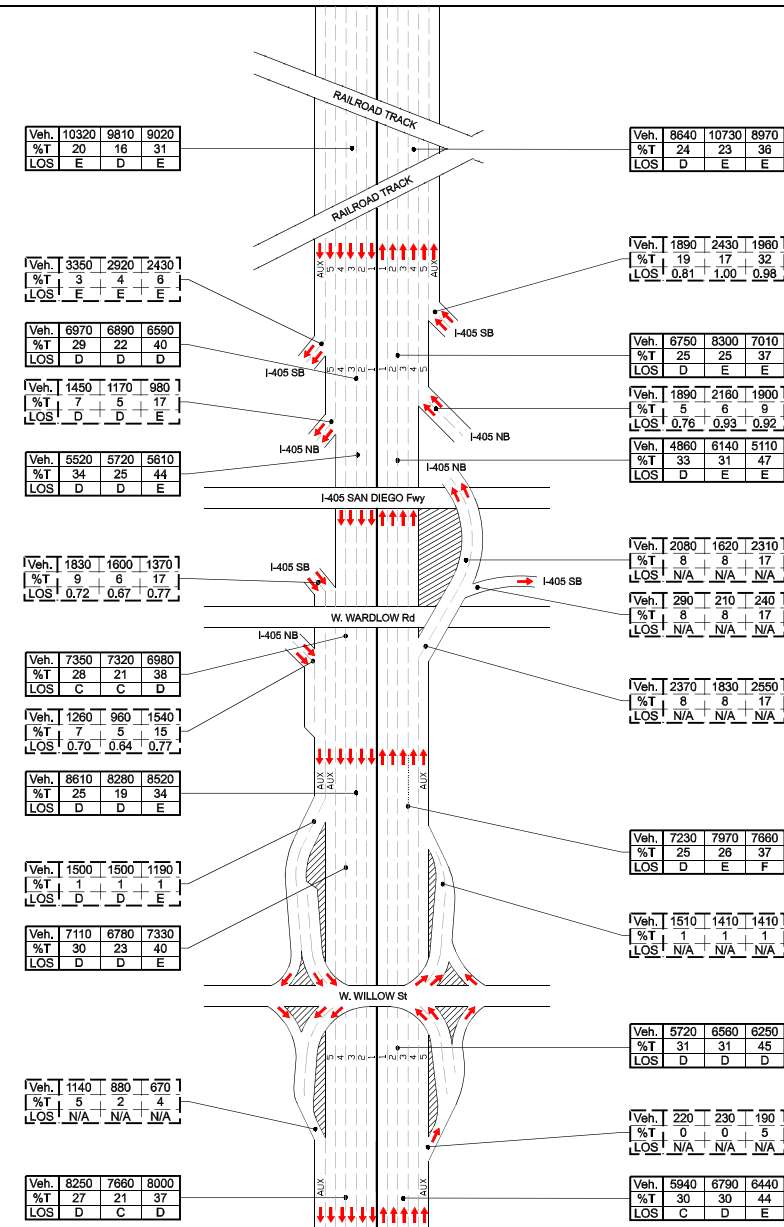
MAP NOT DRAWN TO SCALE

V:\PROJECTS\I710\2035\I710_Schematic_Diagrams_Southern_Terminus.dgn
 DATE: 1/1/2012

SEE SHEET 3
MATCHLINE



Alternative 1



Alternative 5

MATCHLINE
SEE SHEET 1

WILLOW St & I-405

I-710 Schematic Diagrams - 2035 Alternative 1 & 5

LEGEND

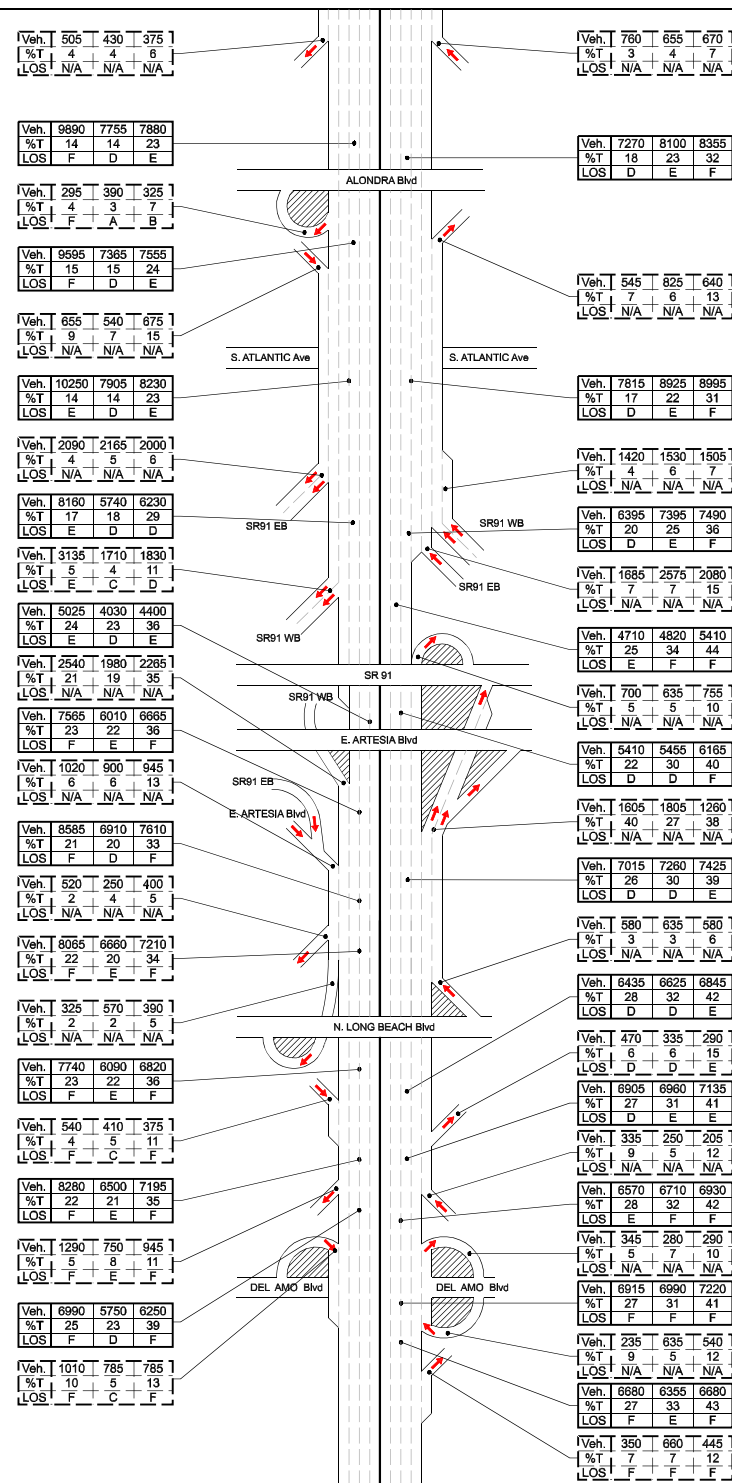
Veh.	AM	PM	MD
%T	%	%	%
LOS	X	X	X

FREIGHT CORRIDOR
 RAMPS

MAP NOT DRAWN TO SCALE

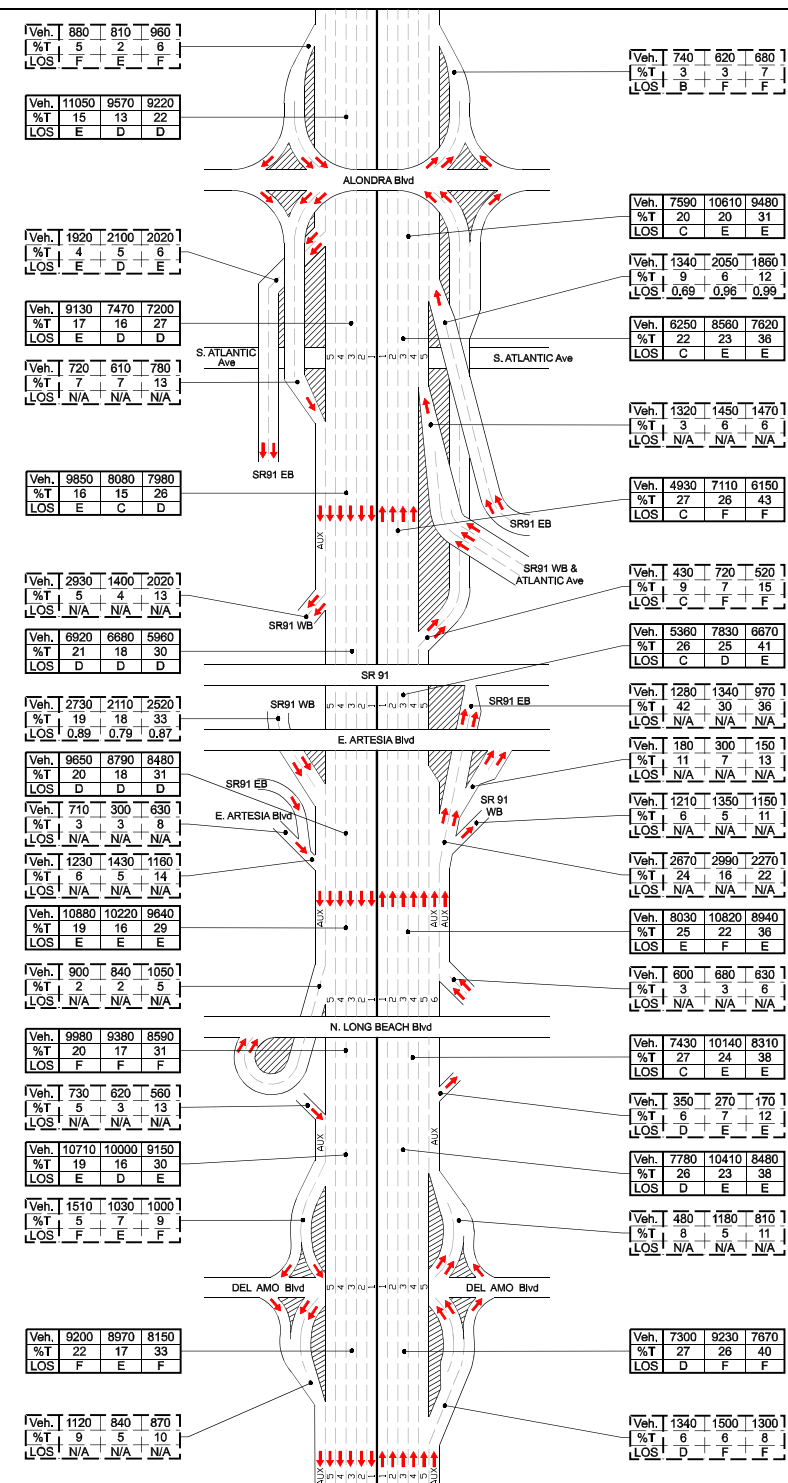
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 DATE: 1/17/2012

SEE SHEET 4
MATCHLINE



Alternative 1

MATCHLINE
SEE SHEET 2



Alternative 5

MAP NOT DRAWN TO SCALE

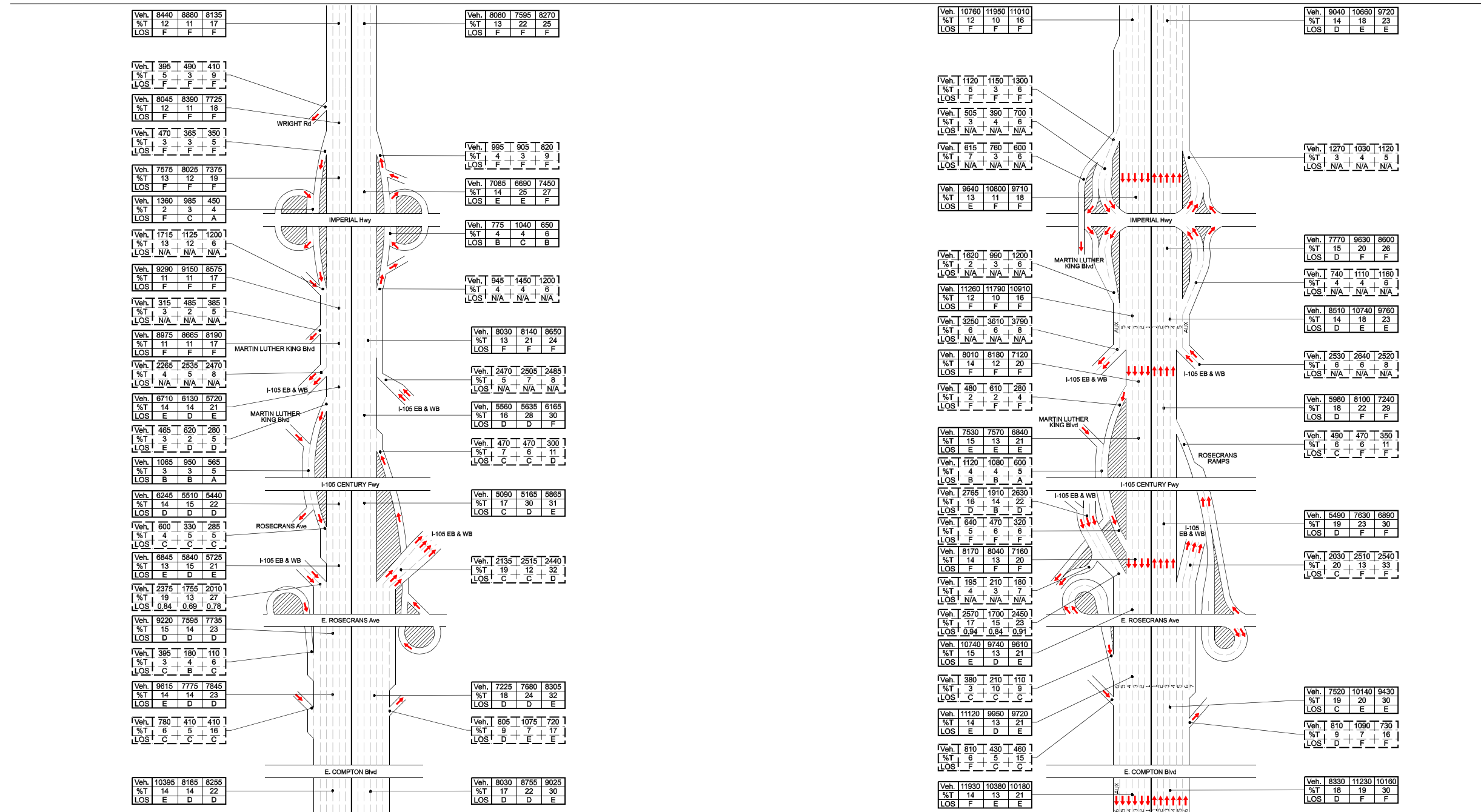
DEL AMO Blvd, SR-91 & ALONDRA Blvd

LEGEND

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

FREIGHT CORRIDOR
 RAMPS

SEE SHEET 5
MATCHLINE



Alternative 1

Alternative 5

MATCHLINE
SEE SHEET 3

ROSECRANS Ave, I-105 & IMPERIAL Hwy

LEGEND

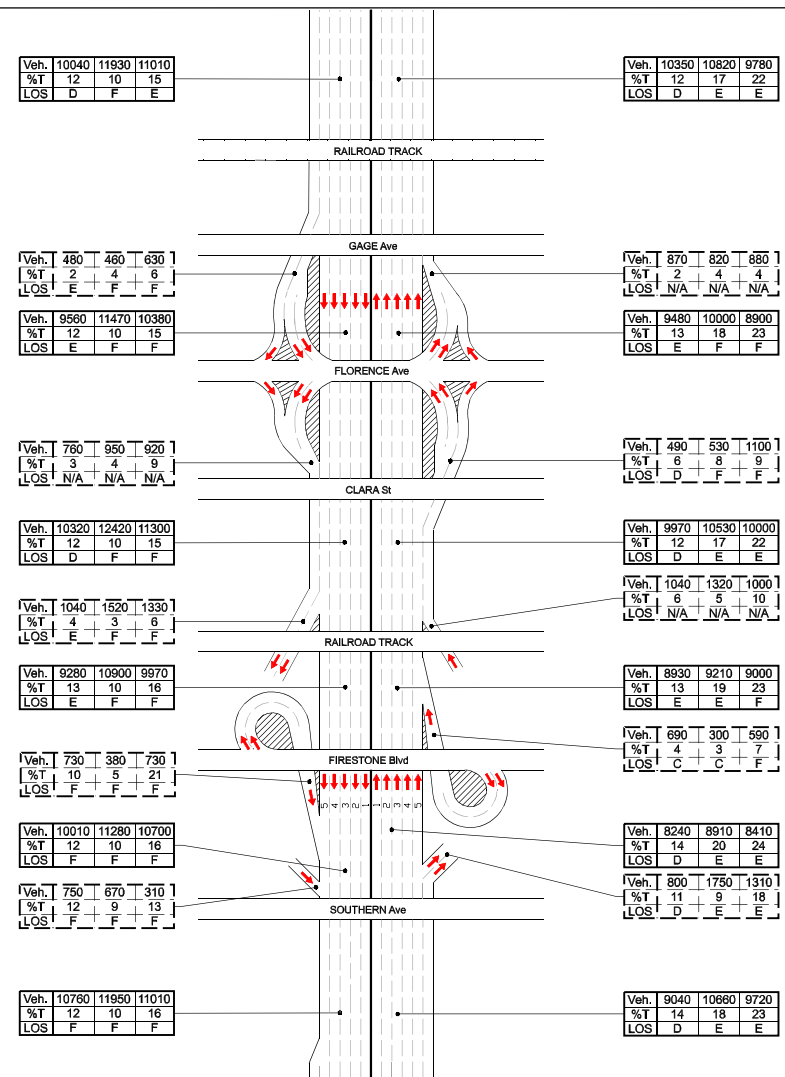
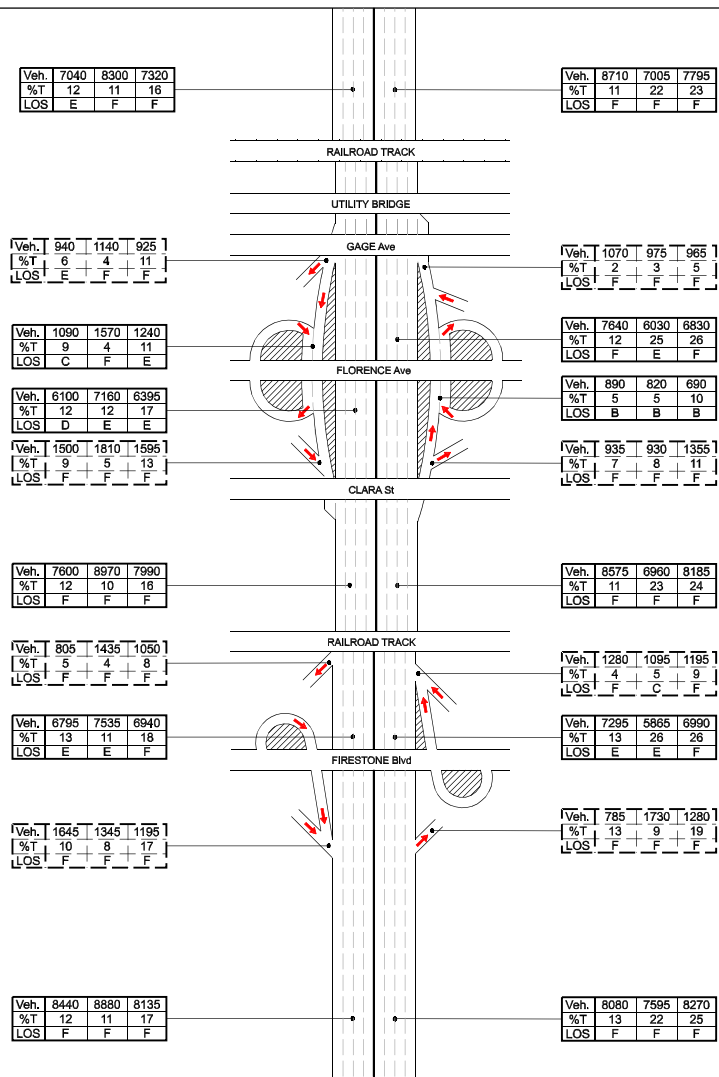
	FREIGHT CORRIDOR
	RAMPS

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

MAP NOT DRAWN TO SCALE

USERNAME: \\k11s141\p1_150
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 DATE: 1/4/2012

SEE SHEET 6
MATCHLINE



Alternative 1

MATCHLINE
SEE SHEET 4

Alternative 5

FIRESTONE Blvd & FLORENCE Ave

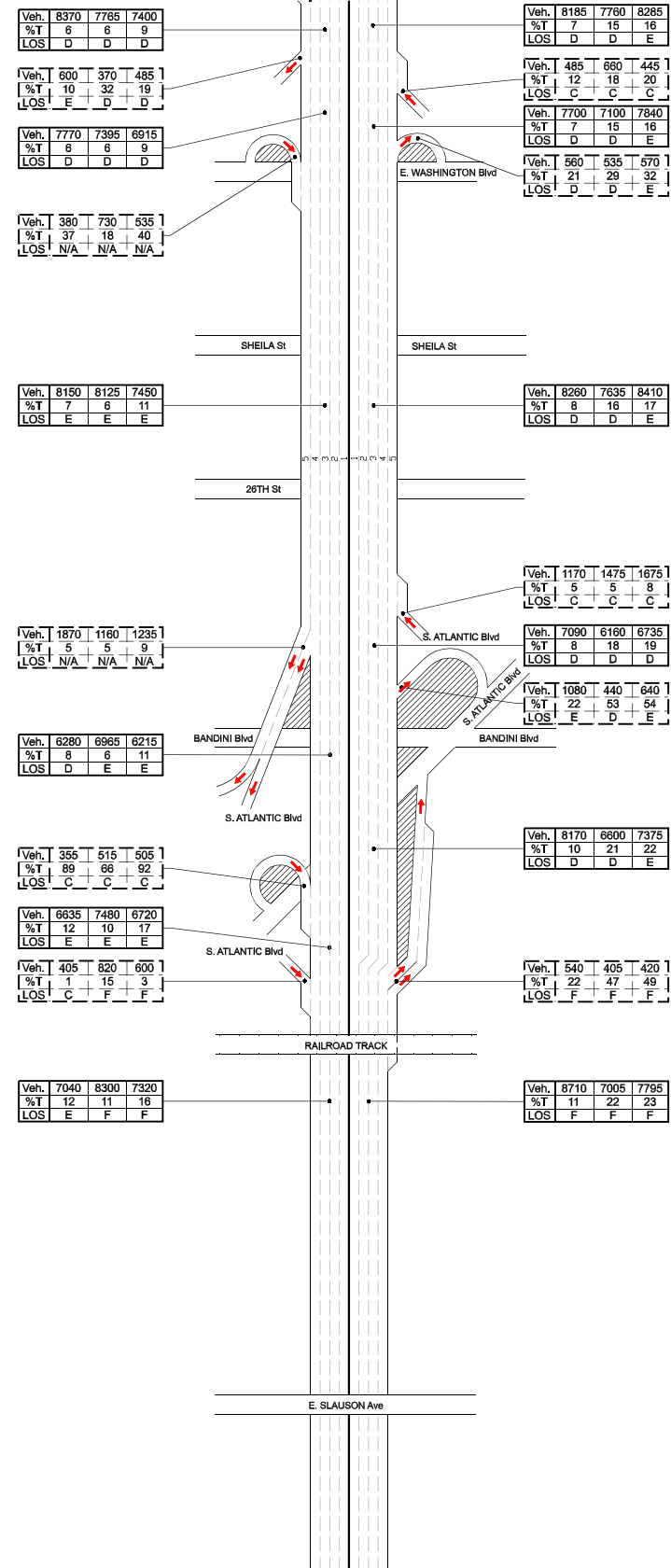
LEGEND

	FREIGHT CORRIDOR
	RAMPS

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

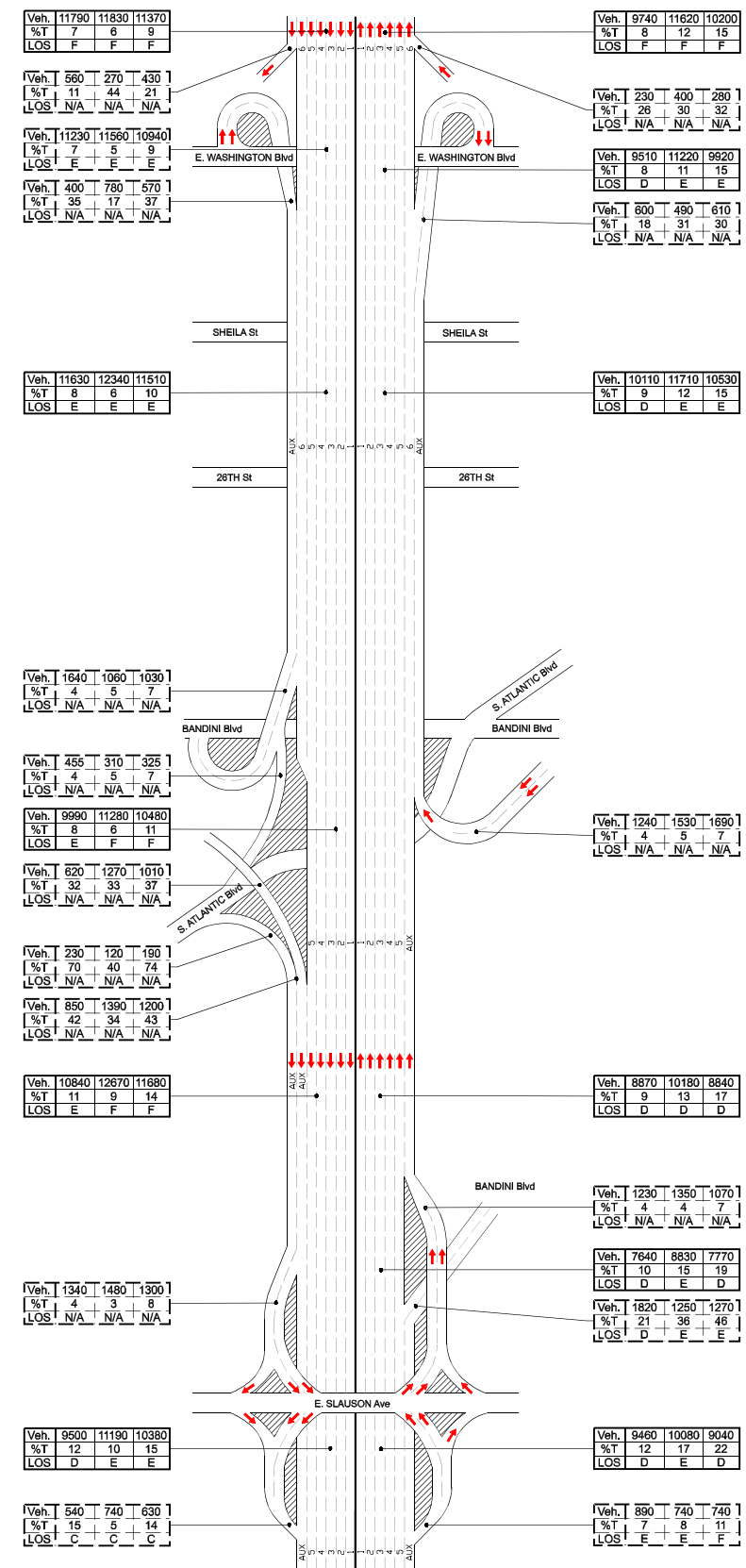
MAP NOT DRAWN TO SCALE

I:\Projects\I-710\2035\I-710_Schematic_Diagrams\2035_Alt1_5\Firestone-Florence-5\tauson.dgn
 DATE: 1/17/2012



Alternative 1

MATCH LINE
SEE SHEET 5
NORTHERN TERMINUS



Alternative 5

- FREIGHT CORRIDOR
- RAMPS

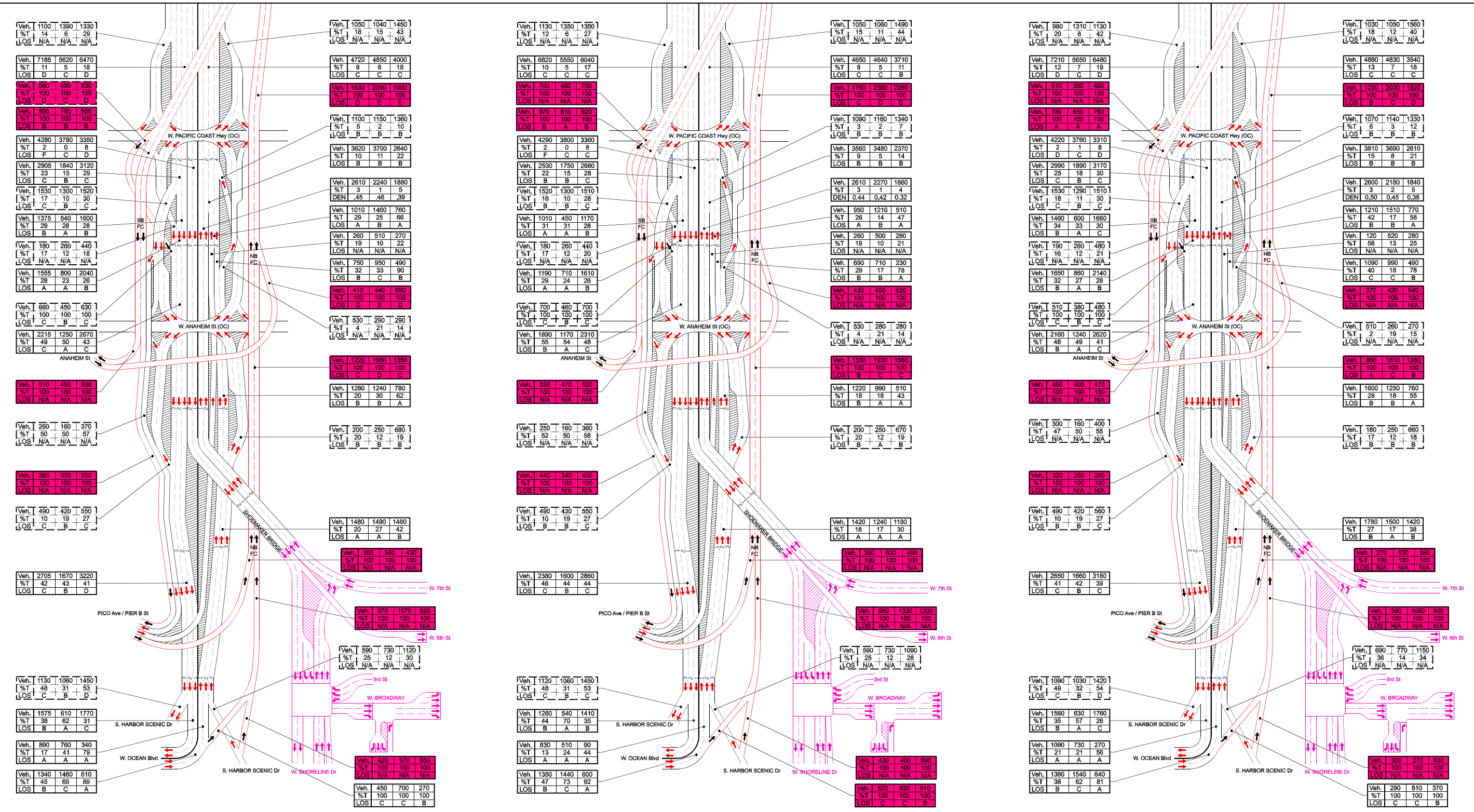
LEGEND

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

MAP NOT DRAWN TO SCALE

V:\PROJECTS\I-710\2035\2035_Schematic_Diagrams_Northern_Terminus.dgn
 DATE: 1/14/2012

SEE SHEET 8
MATCHLINE



Alternative 6A

Alternative 6B

Alternative 6C

SOUTHERN TERMINUS

LEGEND

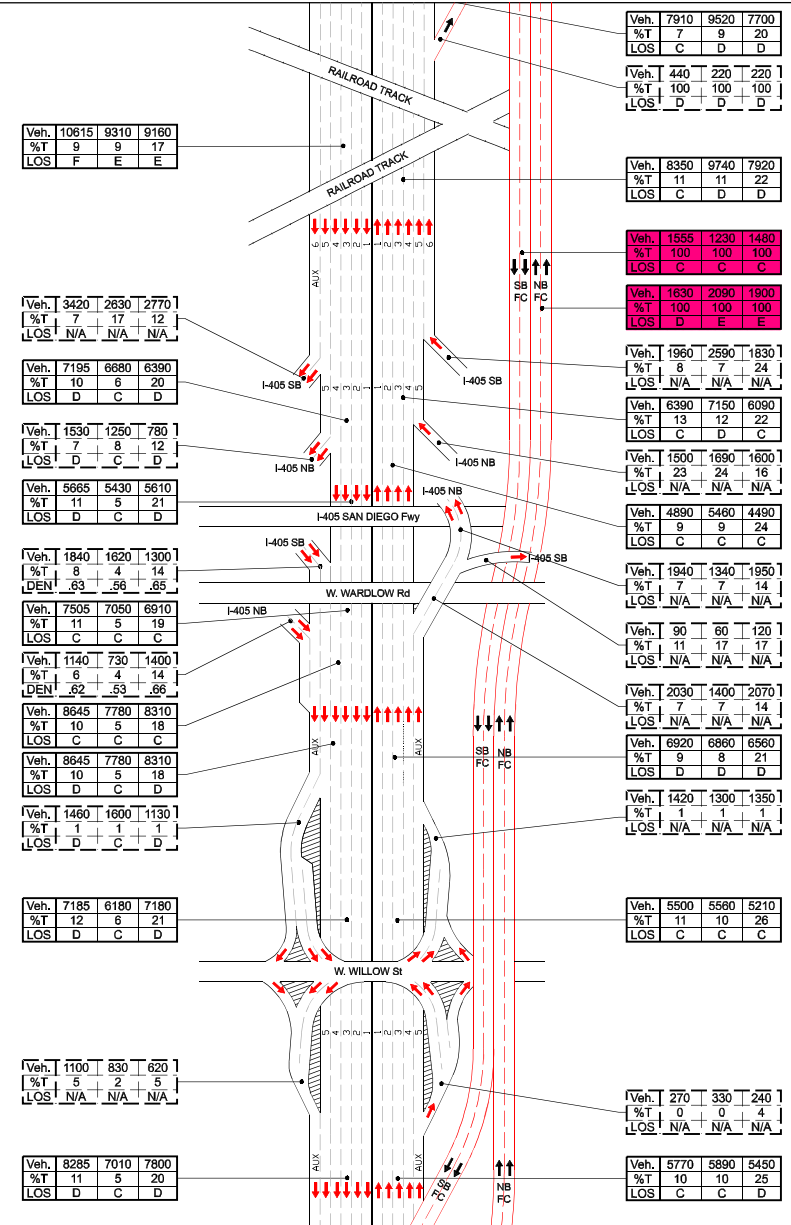
Veh.	AM	PM	MD
%T	%	%	%
LOS	X	X	X

FREIGHT CORRIDOR
 RAMPS

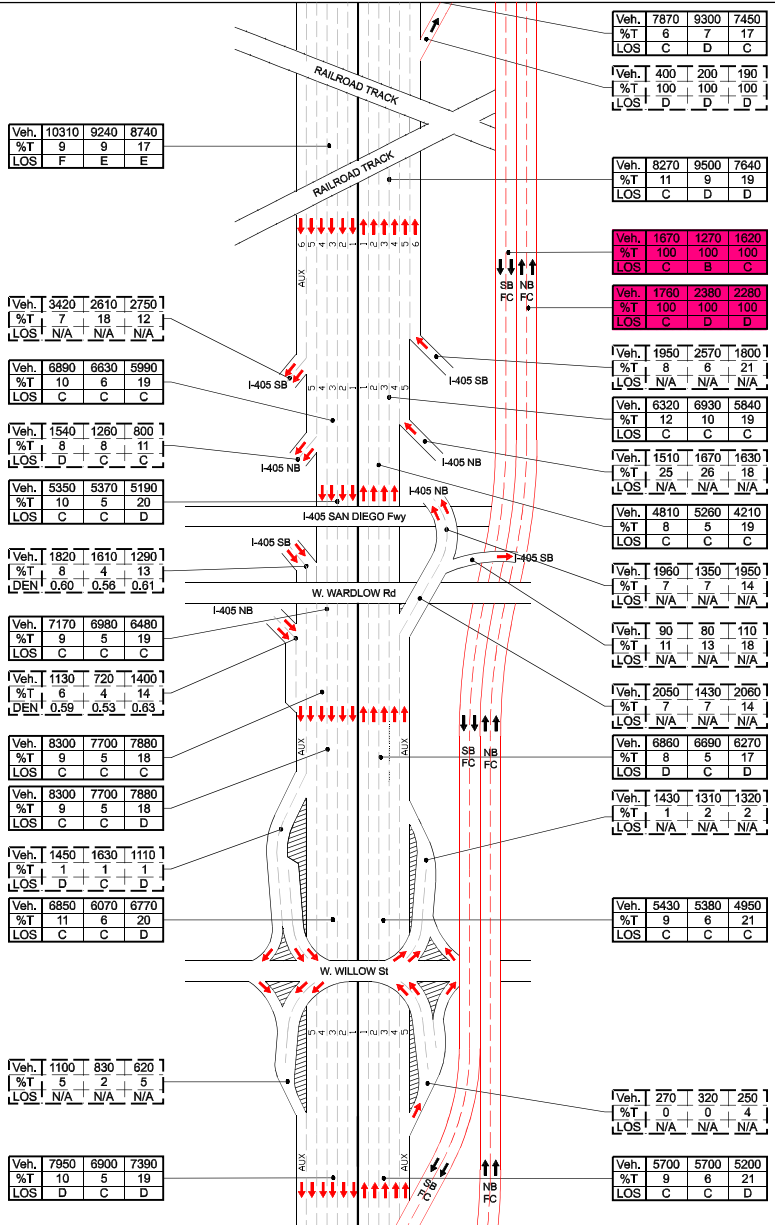
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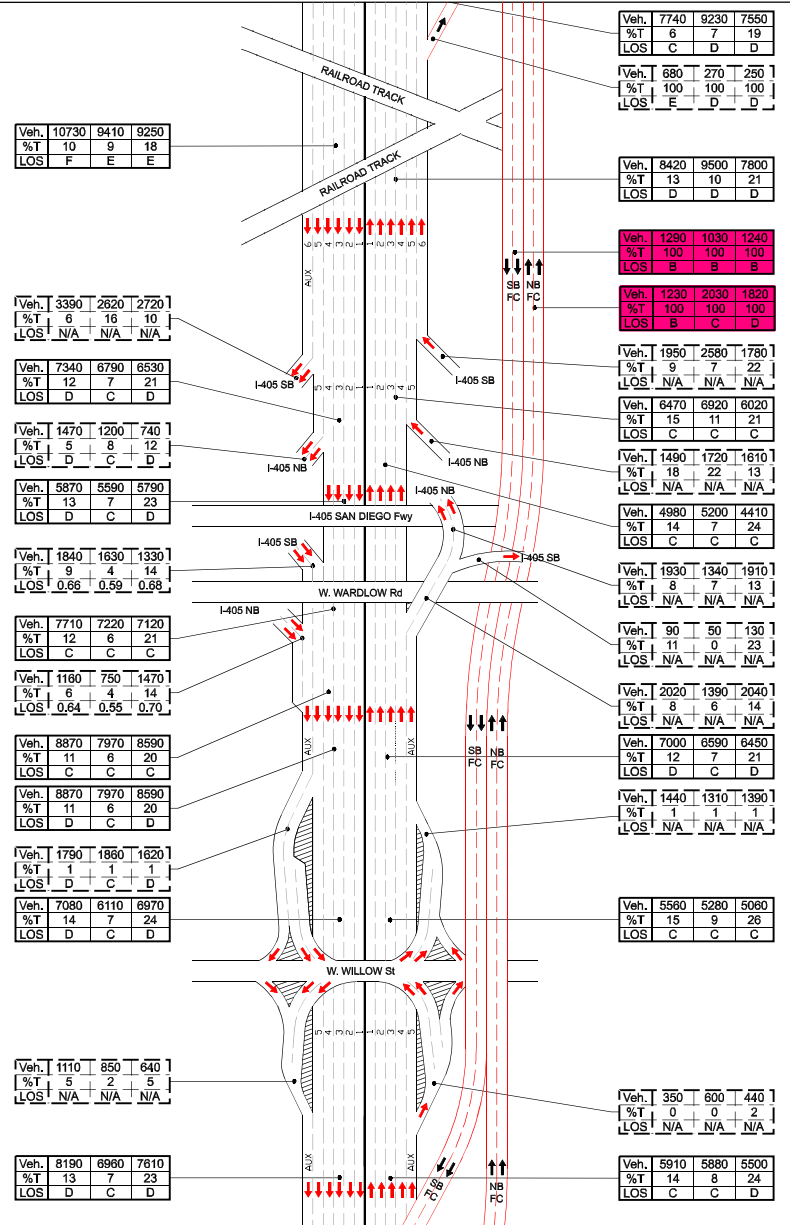
SEE SHEET 9
MATCHLINE



Alternative 6A



Alternative 6B



Alternative 6C

MATCHLINE
SEE SHEET 7

WILLOW St & I-405

I-710 Schematic Diagrams - 2035 Alternative 6A, 6B & 6C

LEGEND

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

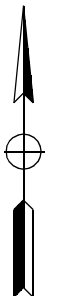
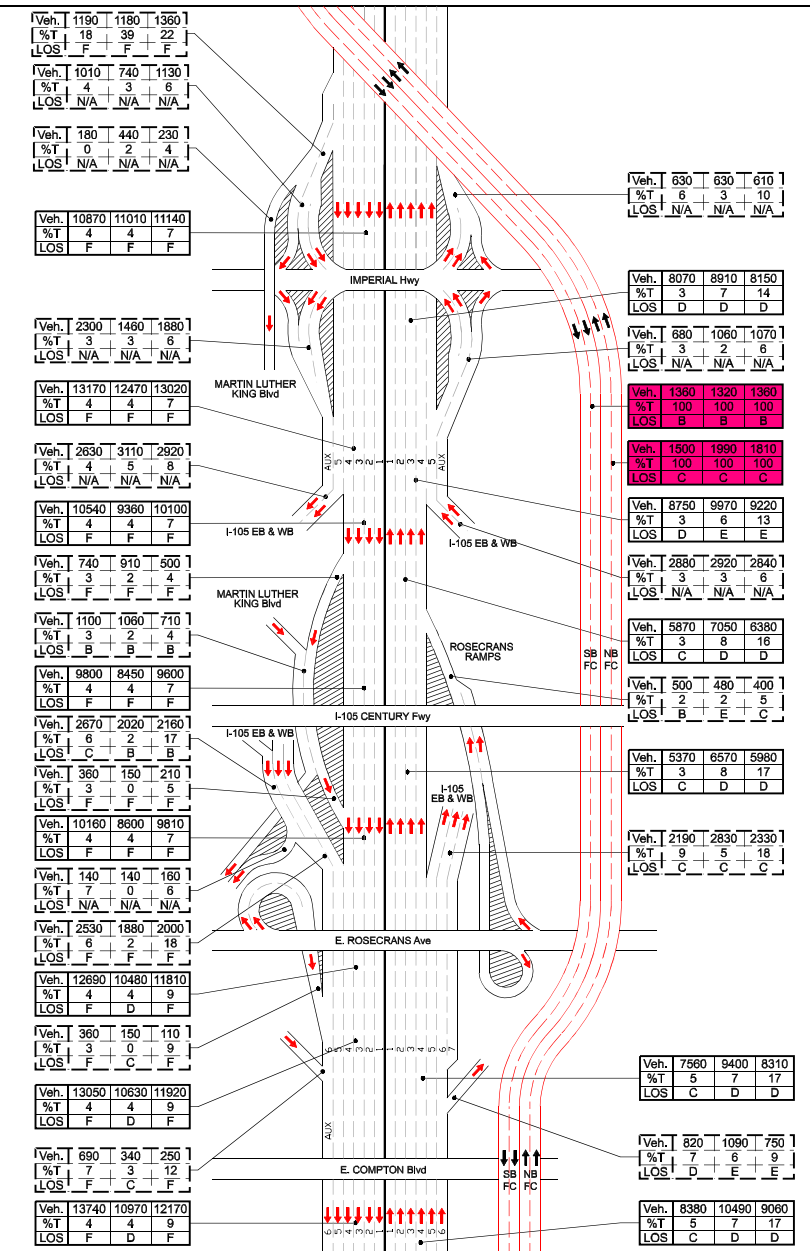
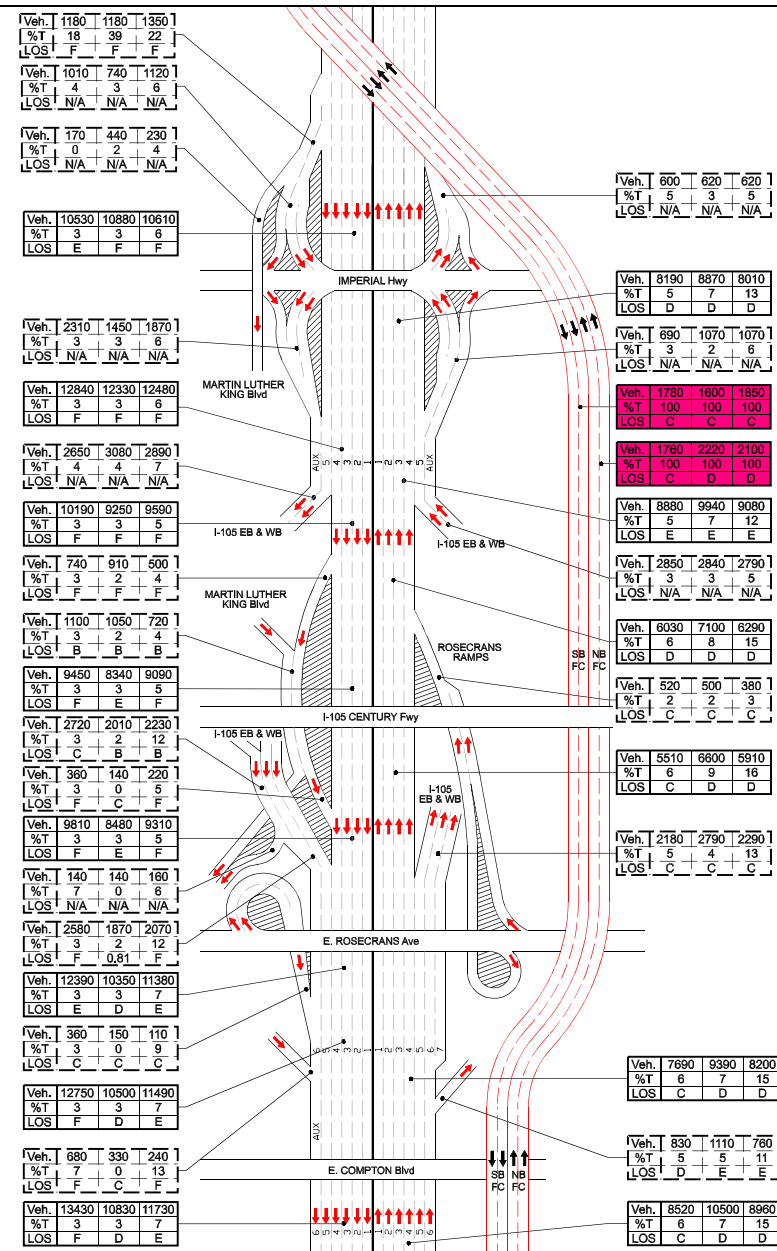
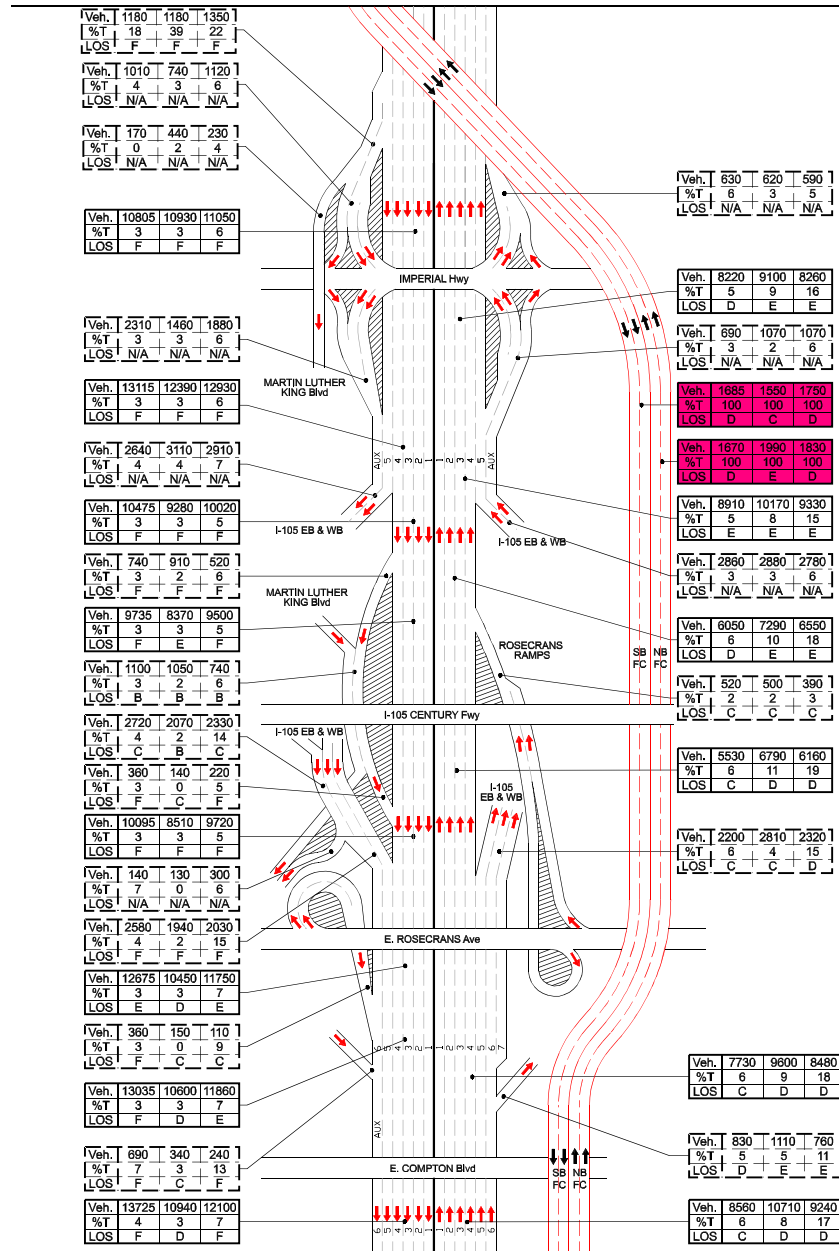
FREIGHT CORRIDOR
 RAMPS

MAP NOT DRAWN TO SCALE



USERNAME: \\K11511765
 ORG: FILE
 DATE: 1/4/2012

SEE SHEET 11
MATCHLINE



Alternative 6A

MATCHLINE
SEE SHEET 9

Alternative 6B

Alternative 6C

ROSECRANS Ave, I-105 & IMPERIAL Hwy

LEGEND

	FREIGHT CORRIDOR
	RAMP

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

MAP NOT DRAWN TO SCALE



I-710 CORRIDOR PROJECT I-710 Schematic Diagrams - 2035 Alternative 6A, 6B & 6C

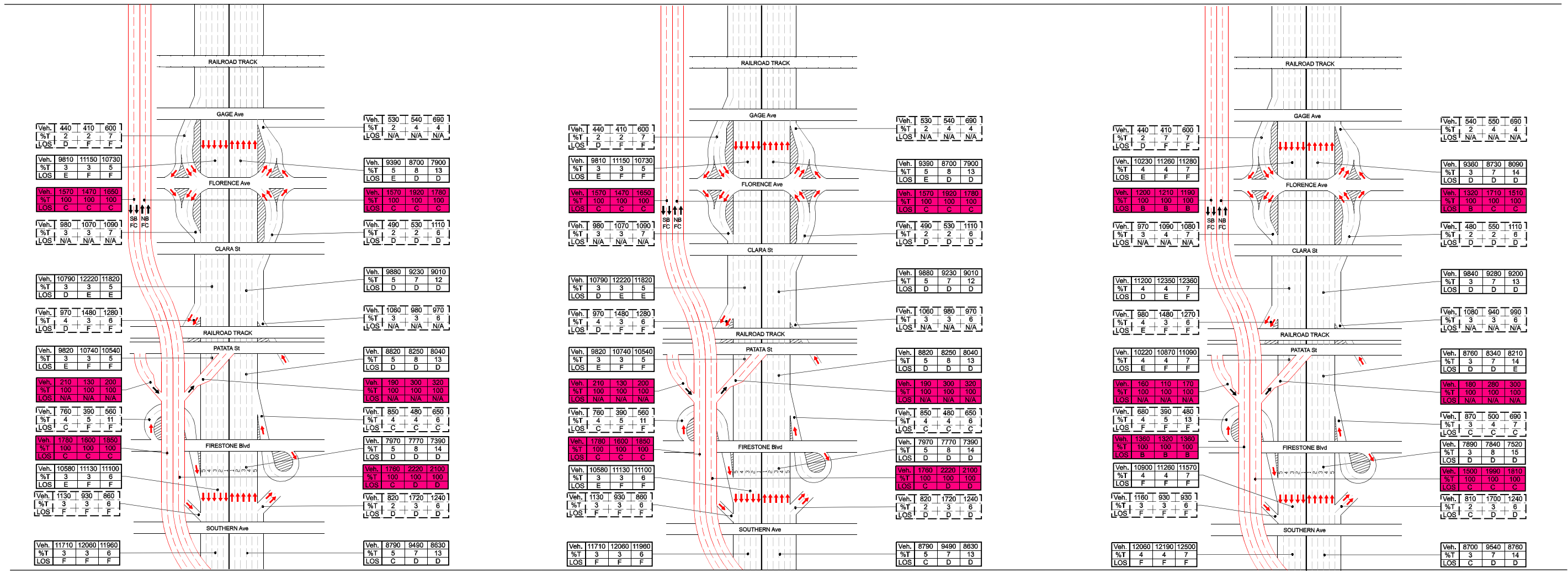
SHEET 10

USERNAME: krlstlhl_150
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 DATE: 1/4/2012

SEE SHEET 12
MATCHLINE

SEE SHEET 13,14
MATCHLINE

SEE SHEET 15
MATCHLINE



Alternative 6A

Alternative 6B

Alternative 6C

FIRESTONE Blvd & FLORENCE Ave

LEGEND

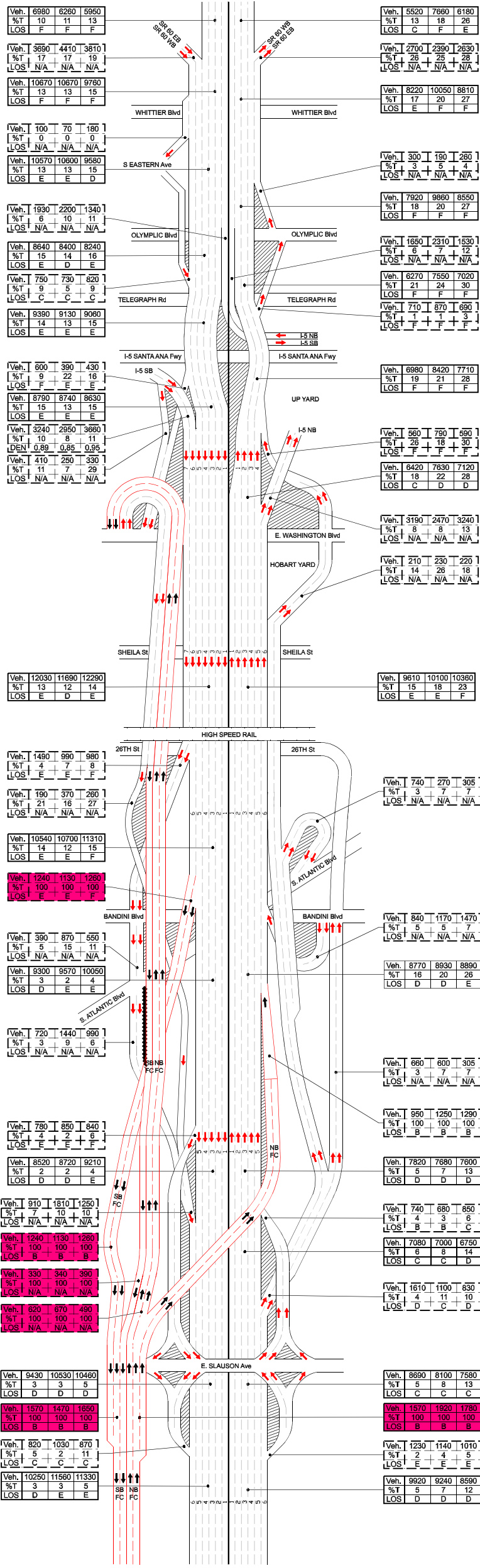
- FREIGHT CORRIDOR
- RAMPS

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

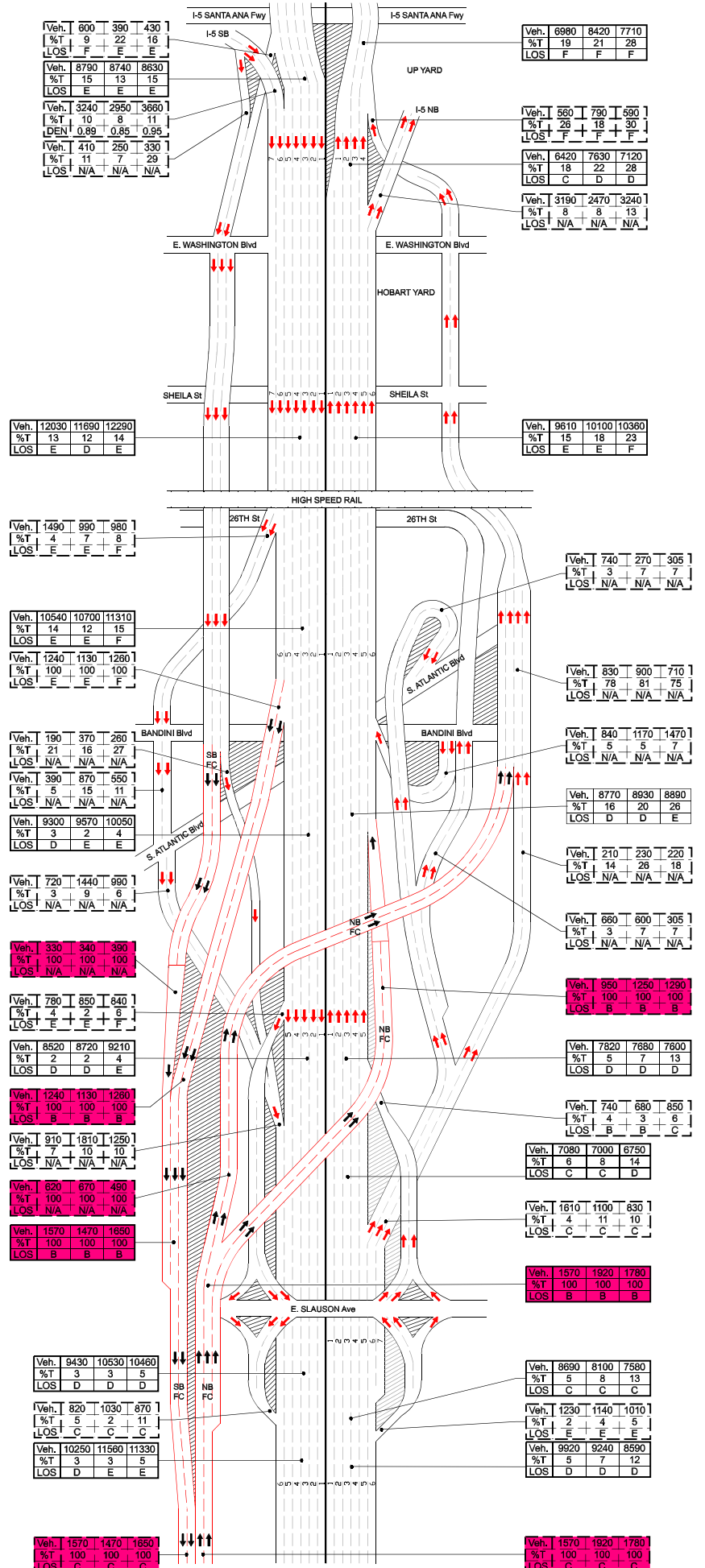
MAP NOT DRAWN TO SCALE



Alternative 6B Option 1



Alternative 6B Option 2



Alternative 6B Option 1

MATCH LINE
SEE SHEET 11

Alternative 6B Option 2

LEGEND

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

- FREIGHT CORRIDOR
- RAMPS

MAP NOT DRAWN TO SCALE



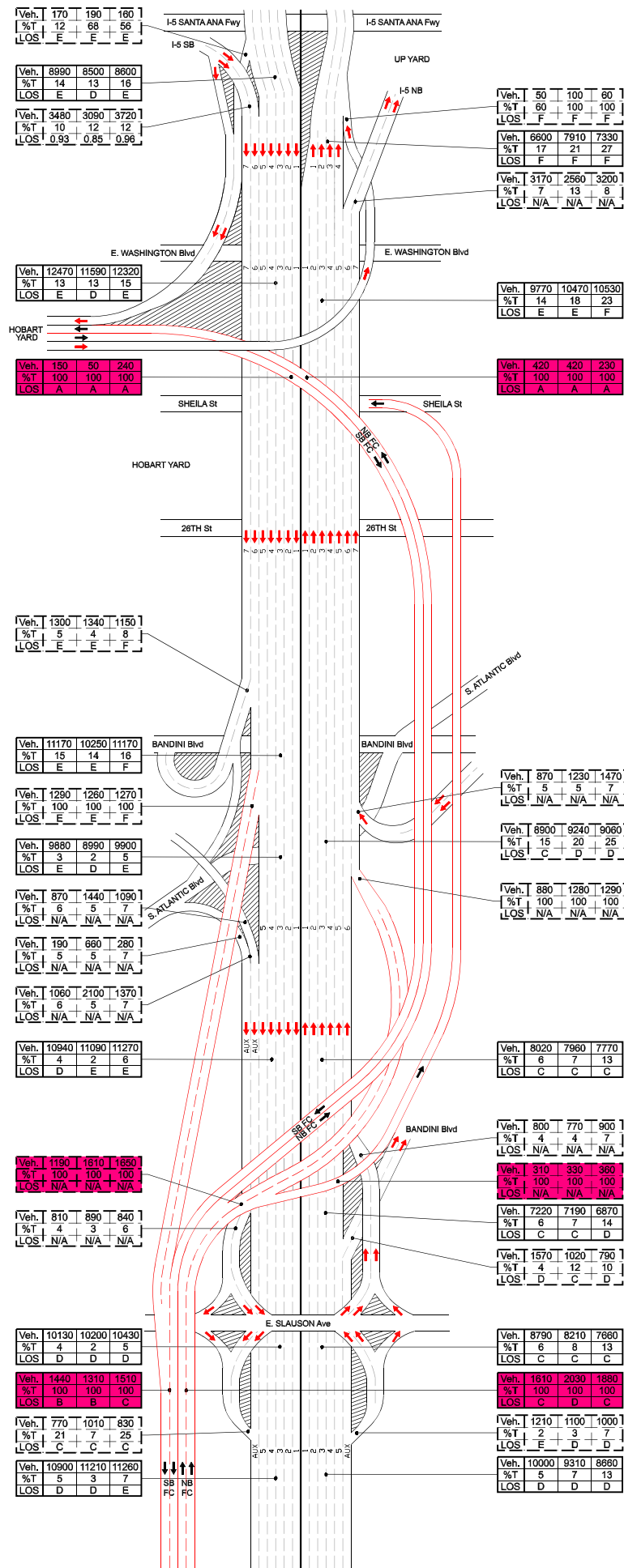
I-710 CORRIDOR PROJECT

I-710 Schematic Diagrams- 2035 Alternative 6B

SHEET 13



Alternative 6B Option 3



MATCH LINE
SEE SHEET 11

Alternative 6B Option 3

NORTHERN TERMINUS

FREIGHT CORRIDOR
 RAMPS

LEGEND

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

MAP NOT DRAWN TO SCALE

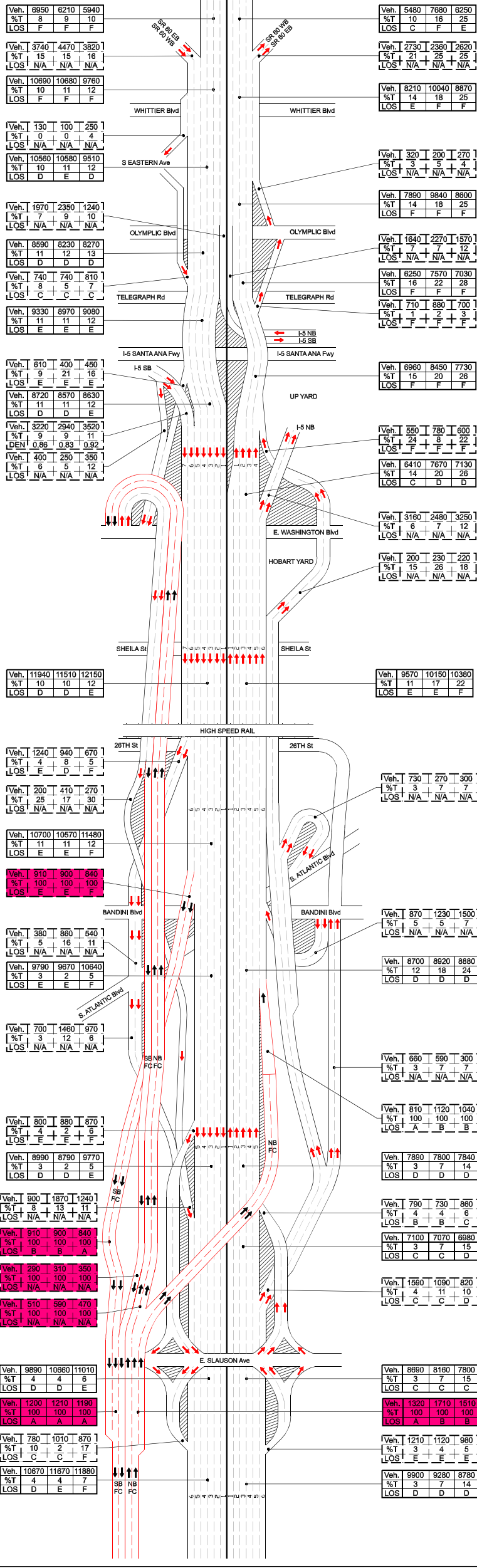


I-710 CORRIDOR PROJECT

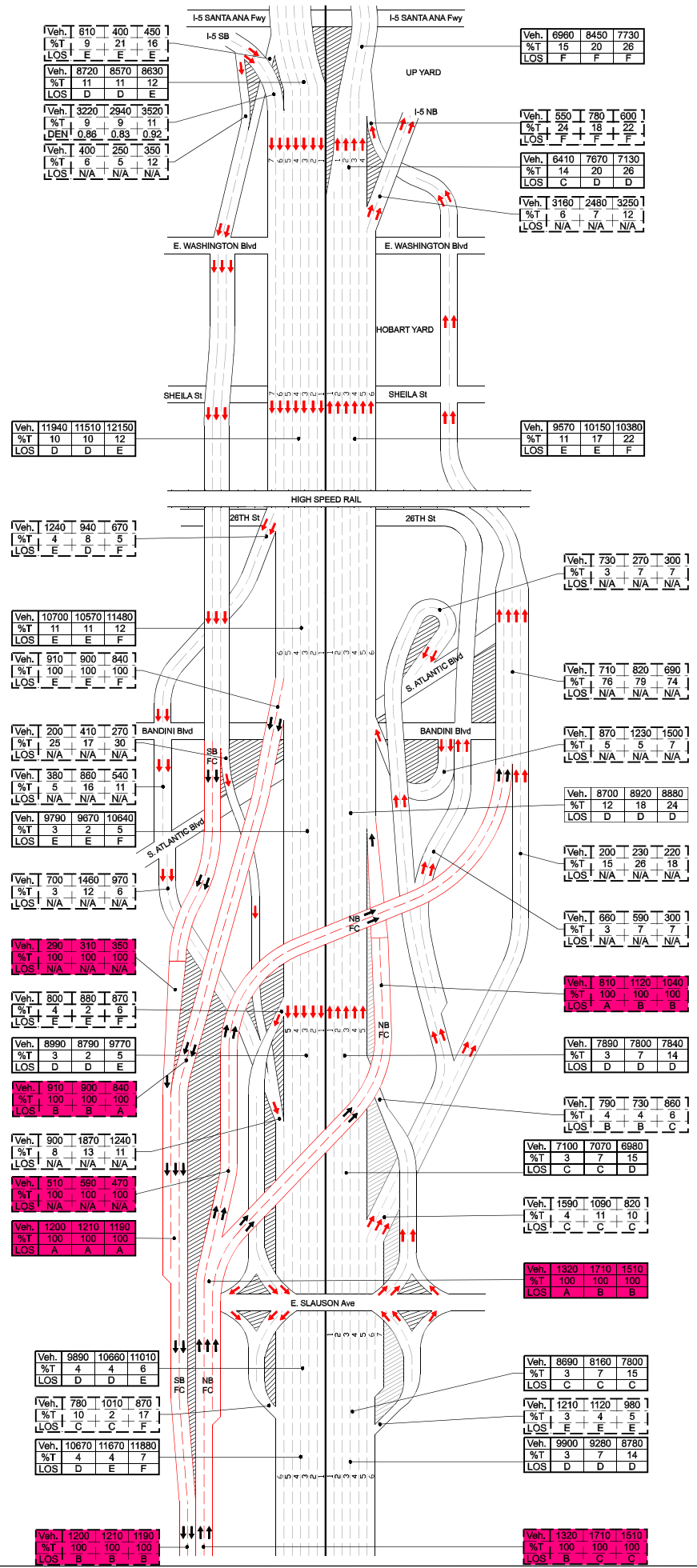
I-710 Schematic Diagrams- 2035 Alternative 6B

SHEET 14

Alternative 6C Option 1



Alternative 6C Option 2



Alternative 6C Option 1

MATCH LINE
SEE SHEET 11

Alternative 6C Option 2

NORTHERN TERMINUS

- FREIGHT CORRIDOR
- RAMPS

LEGEND

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

MAP NOT DRAWN TO SCALE



I-710 CORRIDOR PROJECT

I-710 Schematic Diagrams- 2035 Alternative 6C

SHEET 15