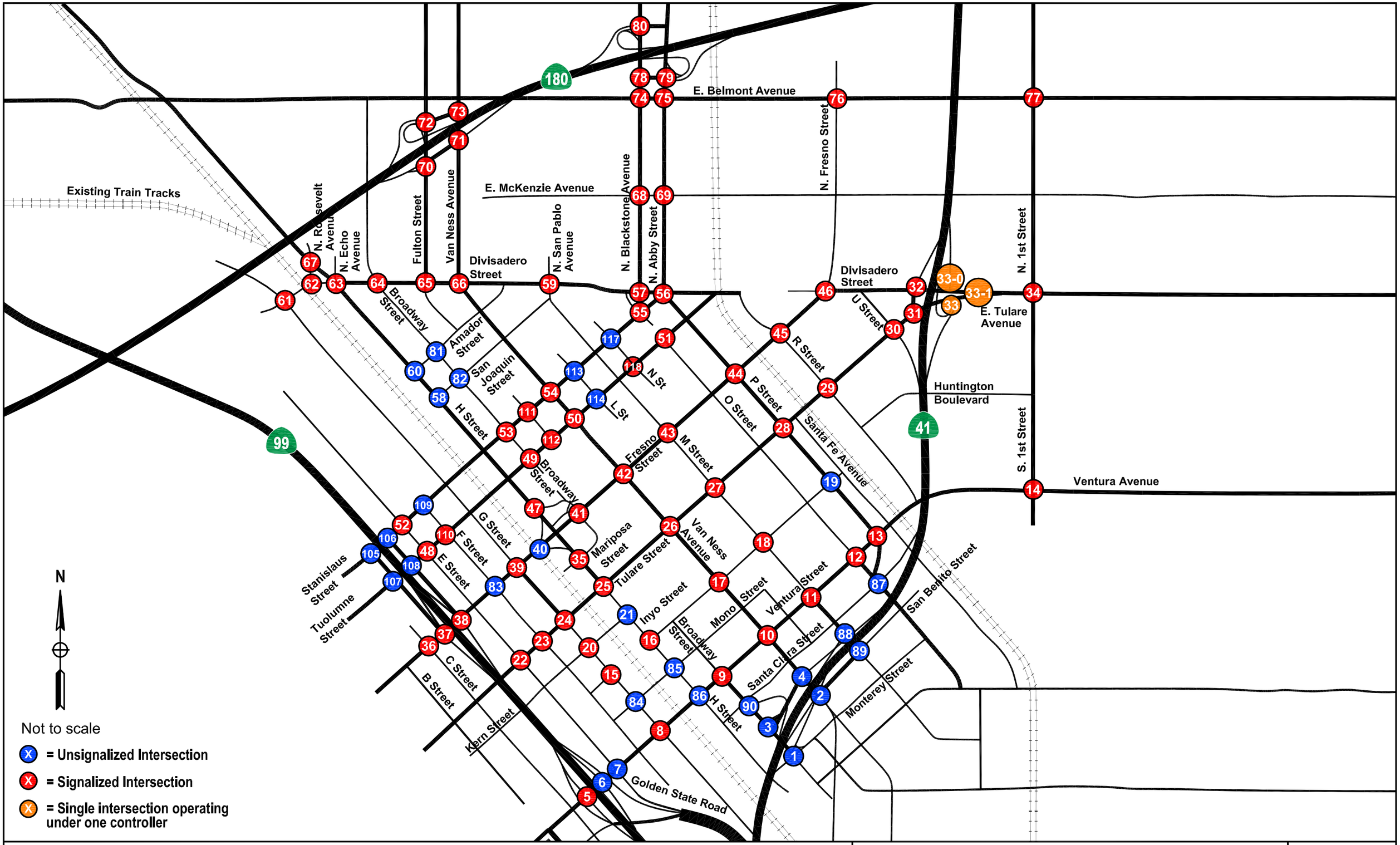
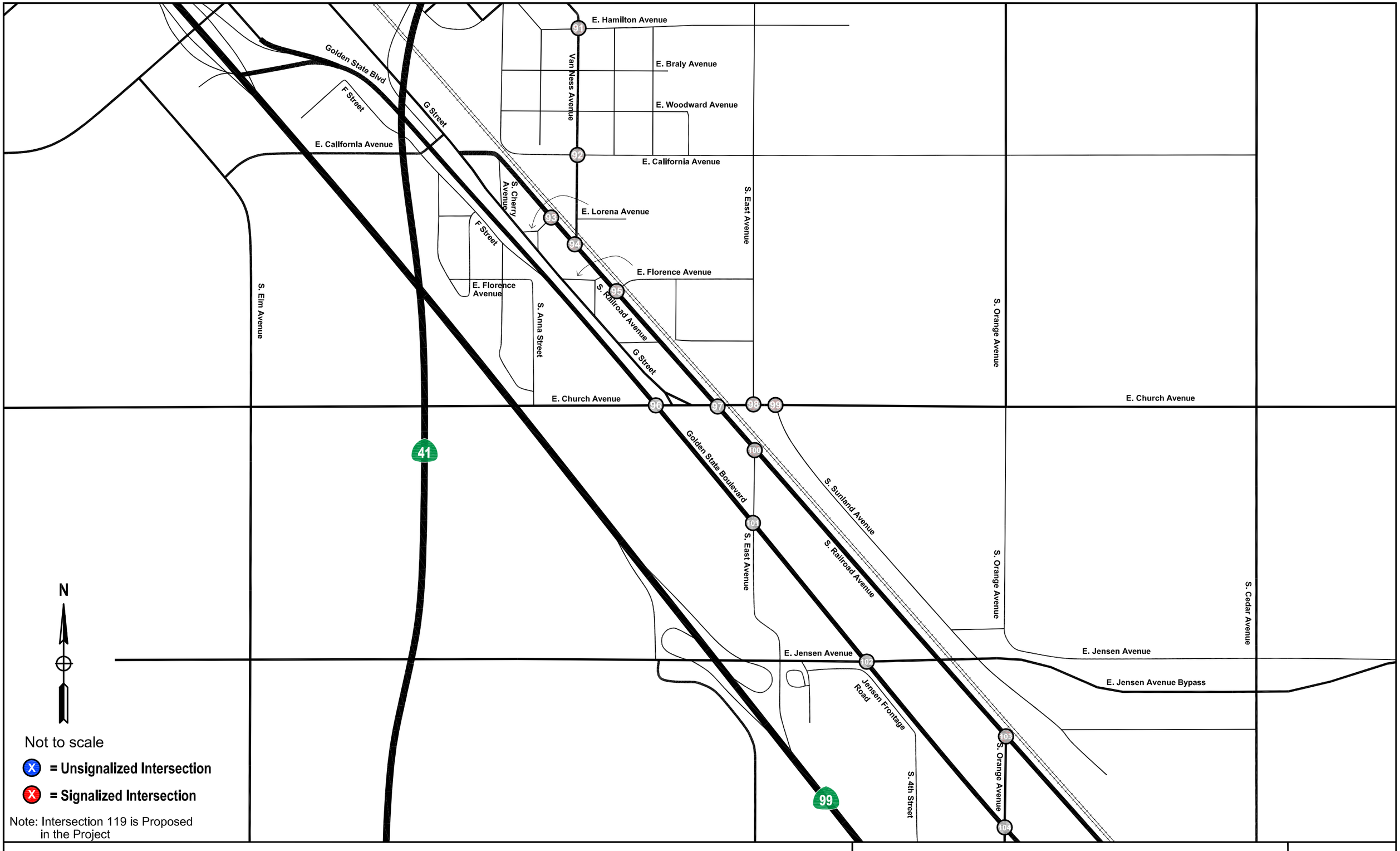
Figures



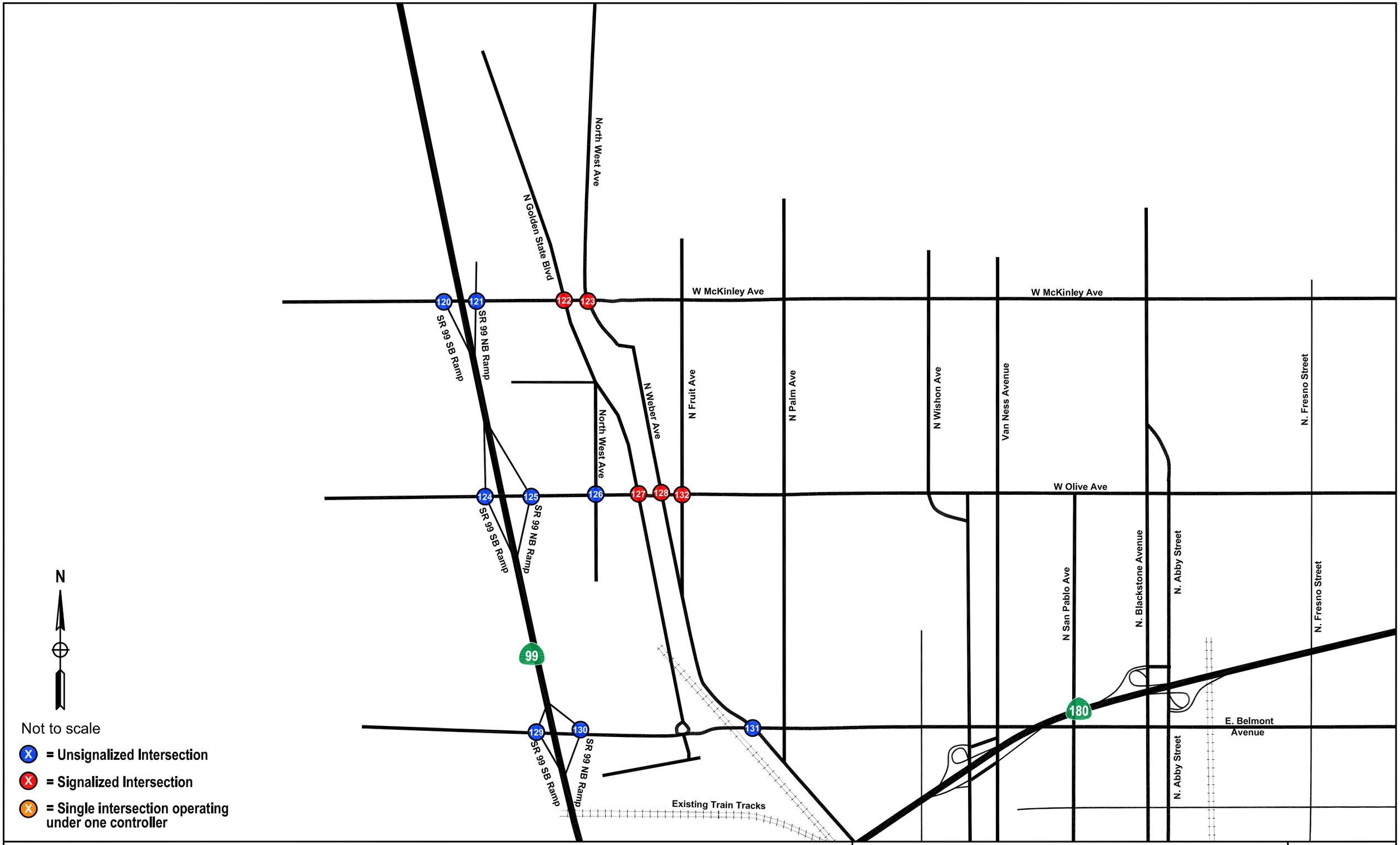
California High-Speed Train Program EIR/EIS	Study Intersections - Fresno Station	Figure 4.2-1a



California High-Speed Train Program EIR/EIS

Study Intersections - Fresno Station

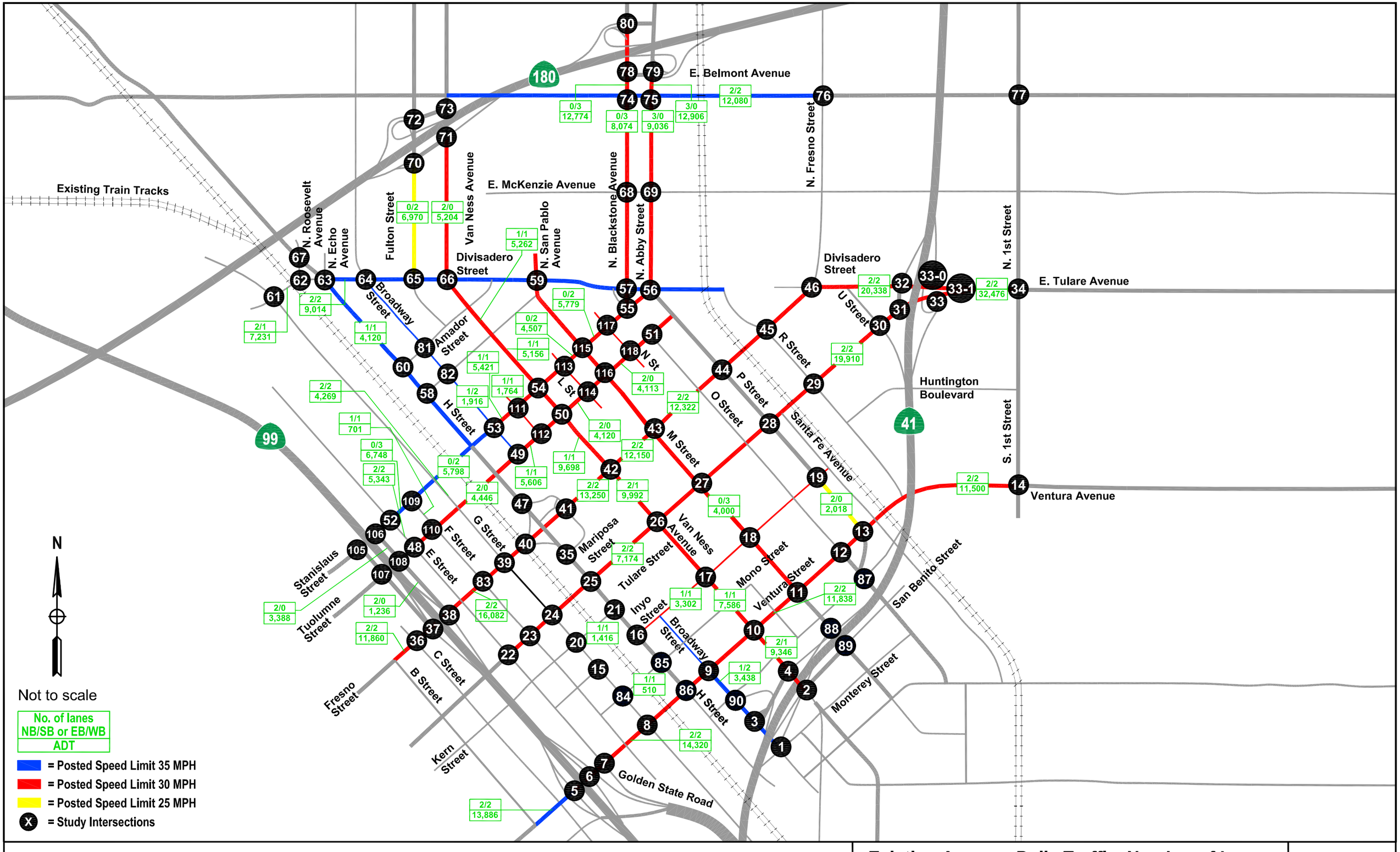
Figure 4.2-1b



California High-Speed Train Program EIR/EIS

Study Intersections - Fresno Station

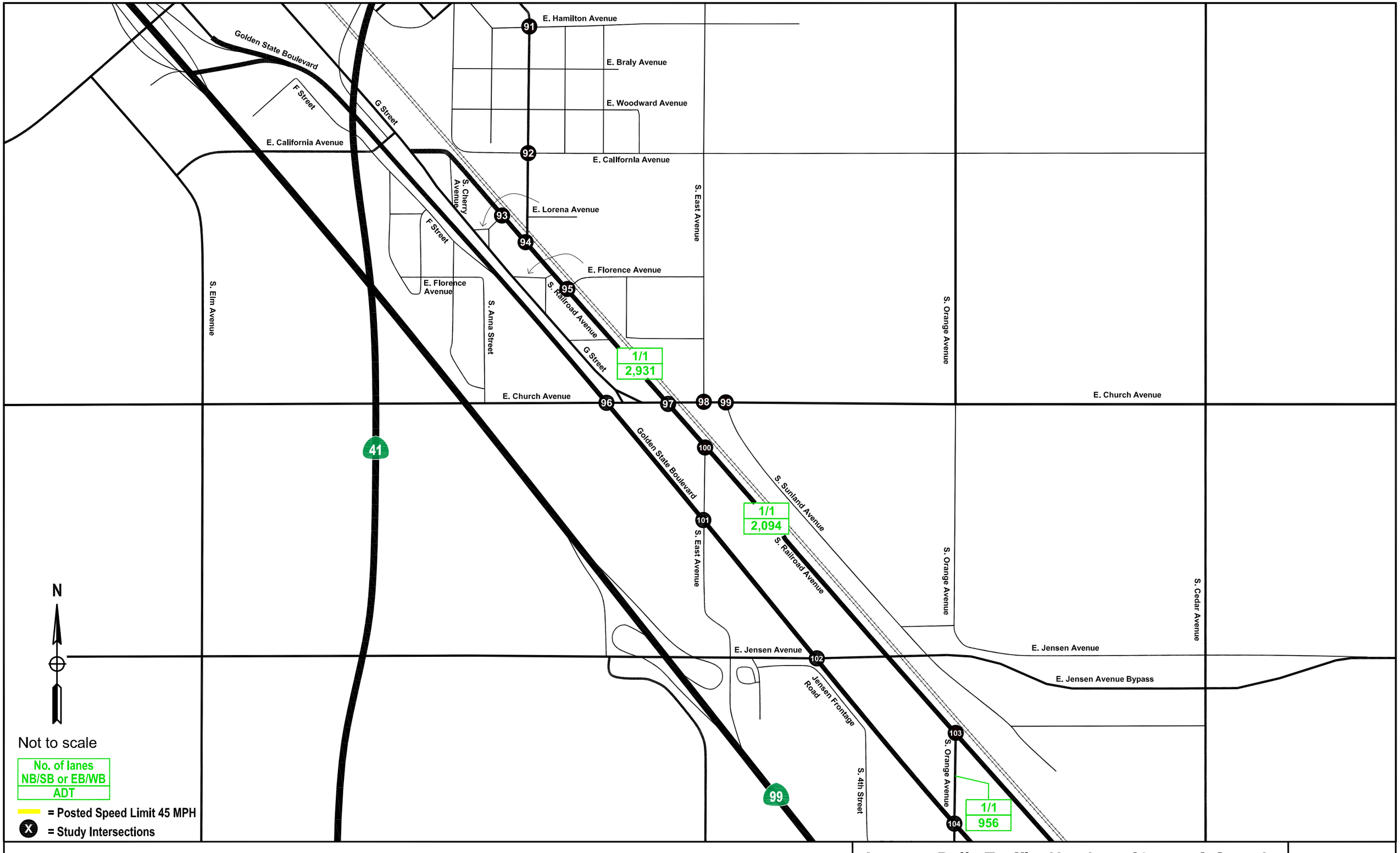
Figure 4.2-1c



California High-Speed Train Program EIR/EIS

Existing Average Daily Traffic, Number of Lanes & Speed - Fresno Station

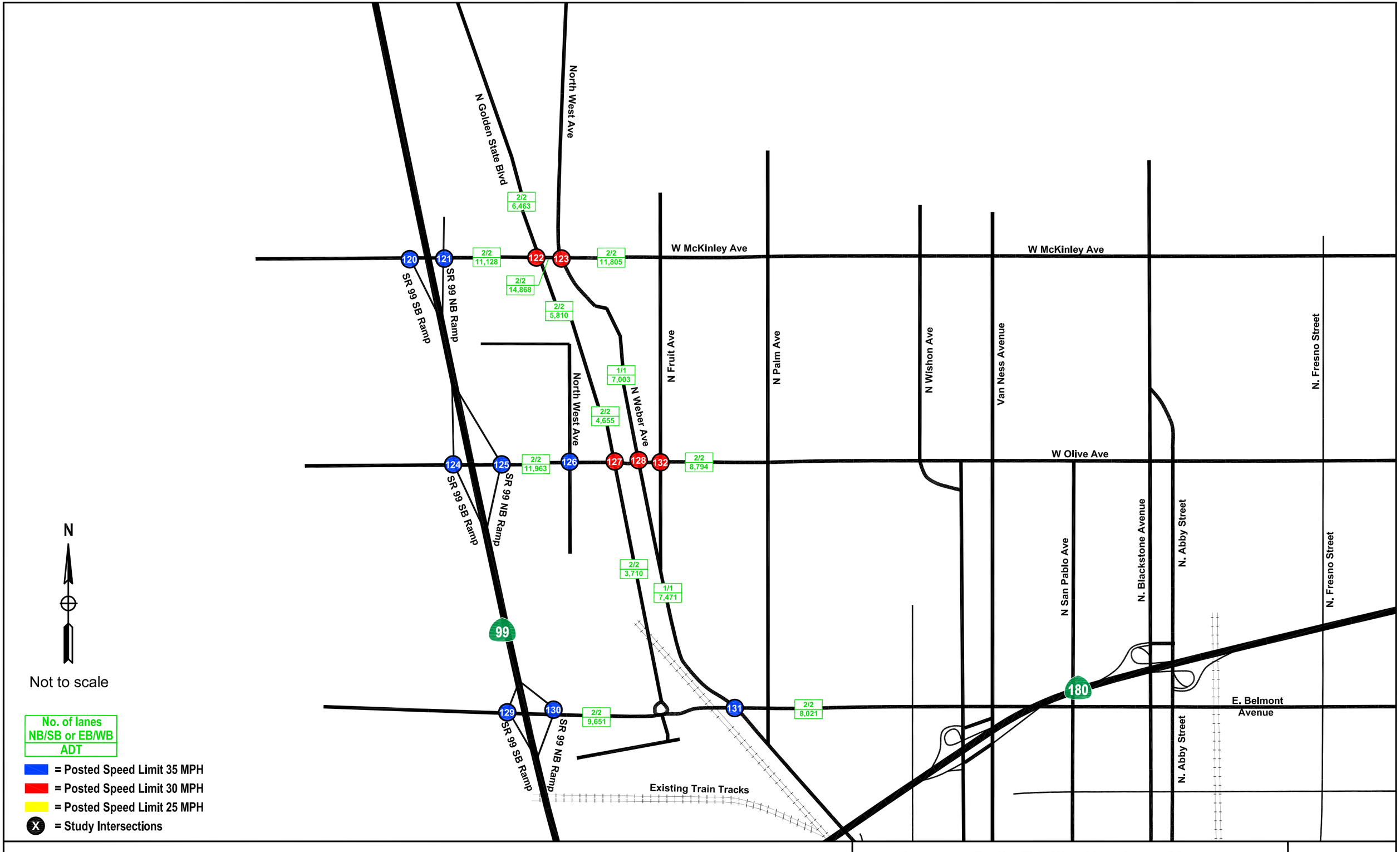
Figure 4.2-2a



California High-Speed Train Program EIR/EIS

Average Daily Traffic, Number of Lanes & Speed - Fresno Station

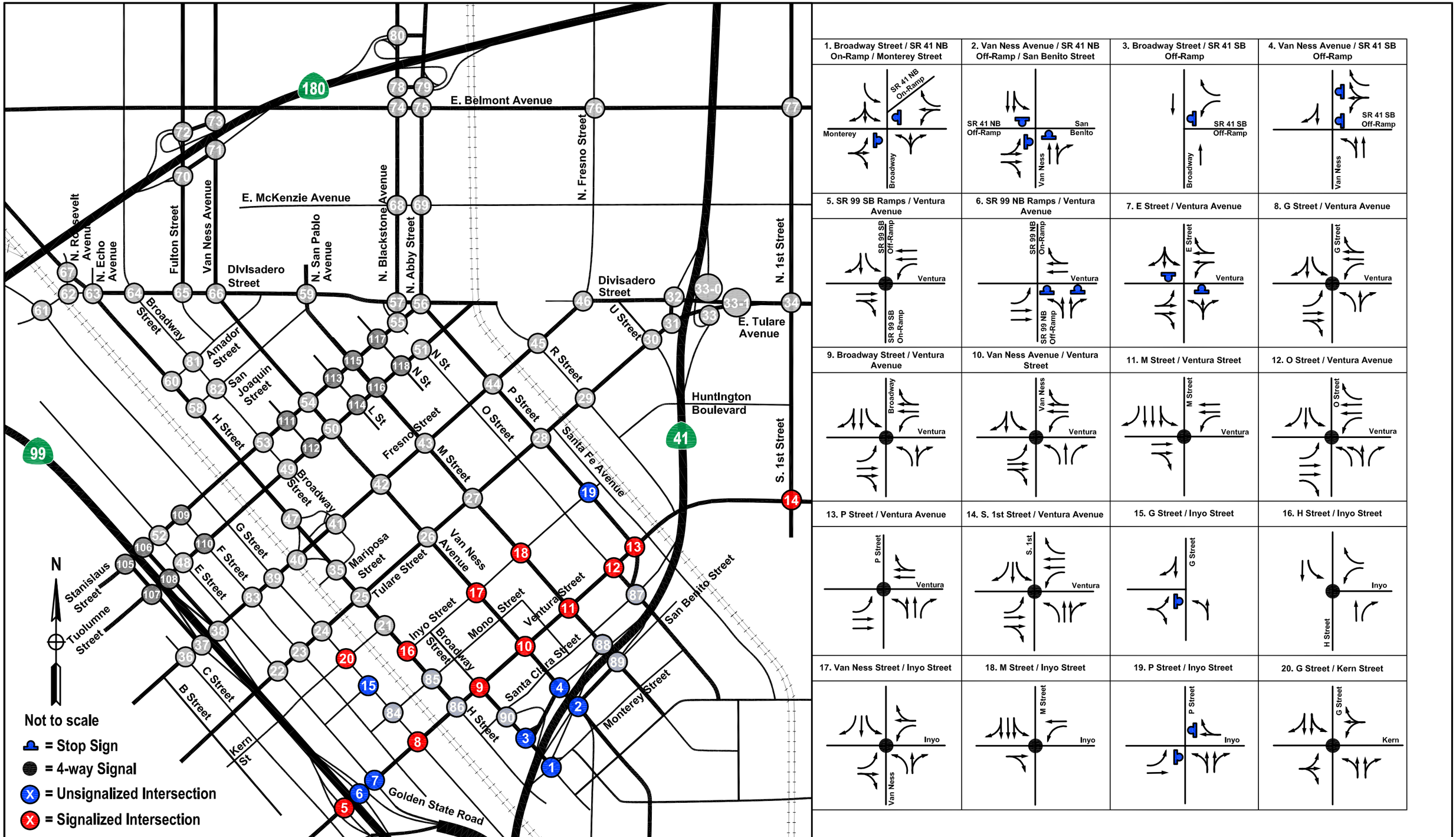
Figure 4.2-2b



California High-Speed Train Program EIR/EIS

Average Daily Traffic, Number of Lanes & Speed - Fresno Station

Figure 4.2-2c



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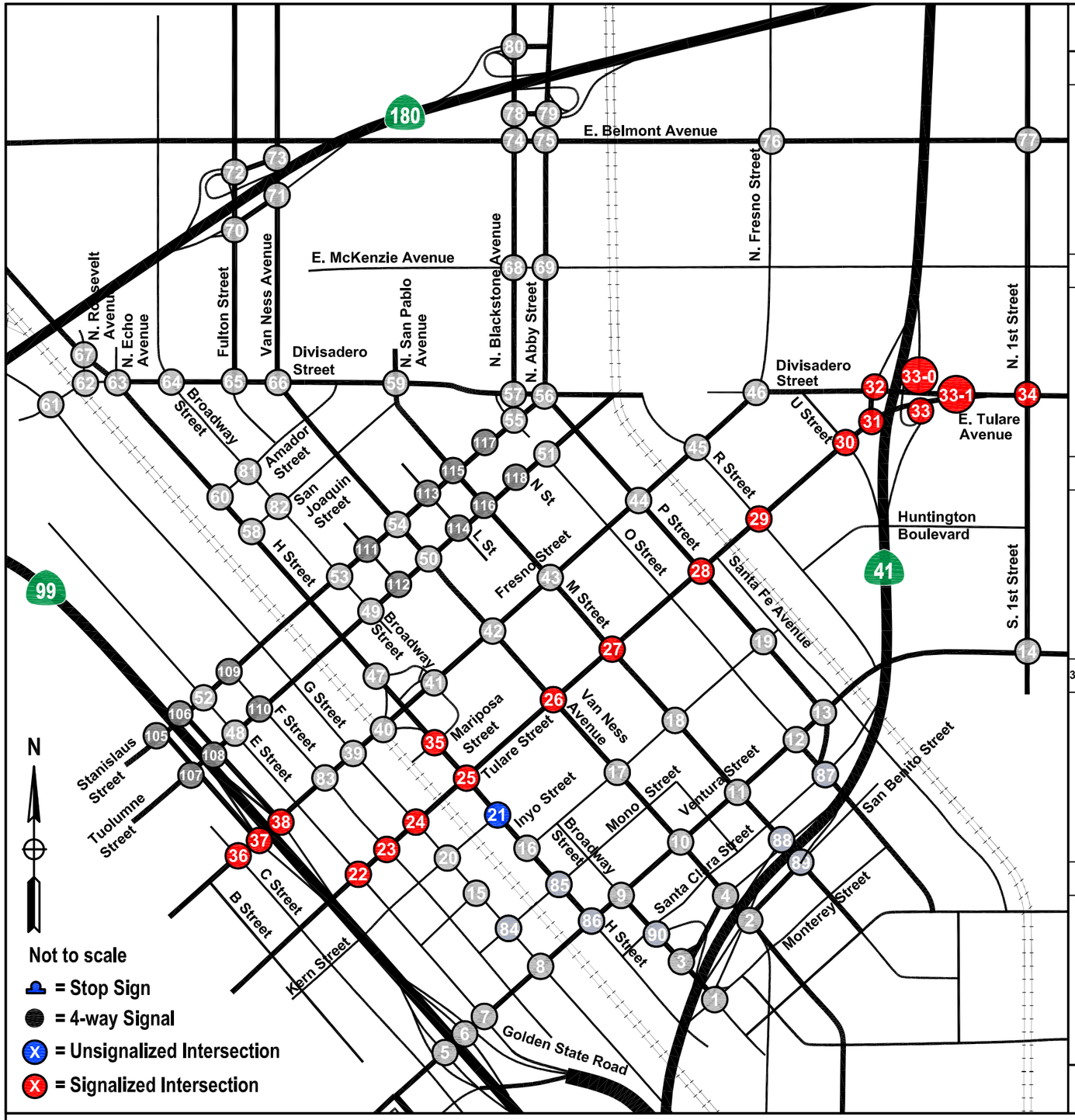
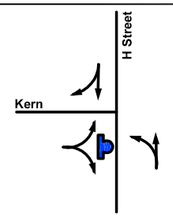
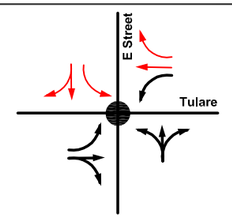
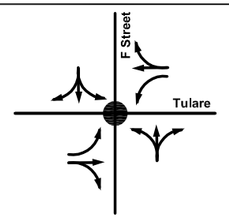
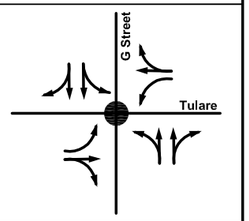
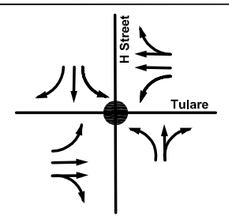
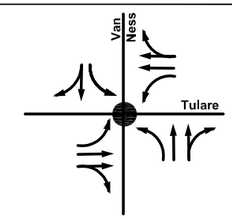
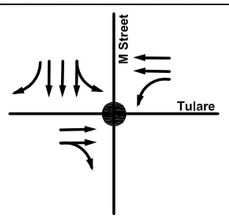
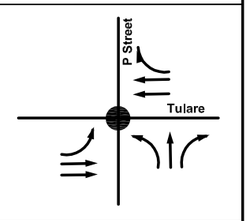
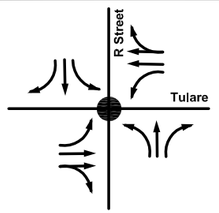
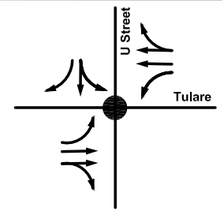
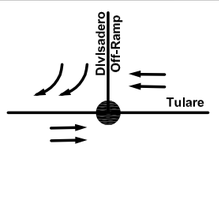
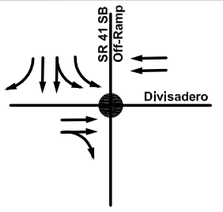
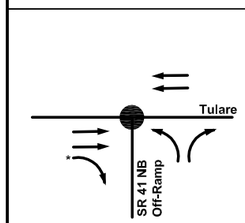
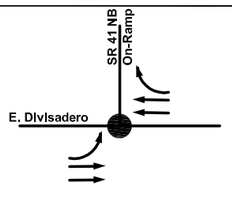
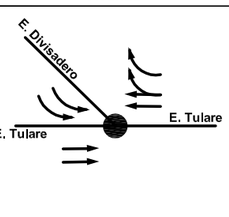
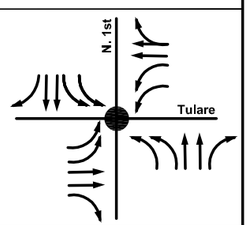
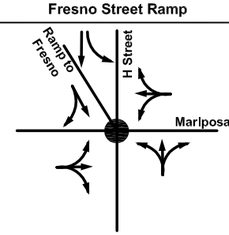
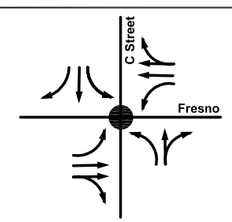
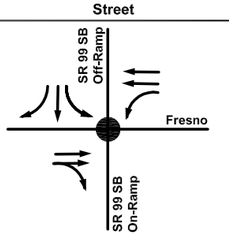
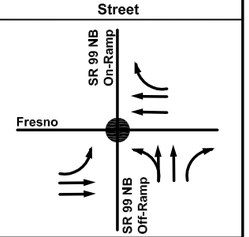
California High-Speed Train Program EIR/EIS

Fresno Station - Existing Lane Geometries

Figure 4.2-3a



21. H Street / Kern Street	22. E Street / Tulare Street	23. F Street / Tulare Street	24. G Street / Tulare Street
			
25. H Street / Tulare Street	**26. Van Ness Avenue / Tulare Street**	**27. M Street / Tulare Street**	**28. P Street / Tulare Street**
			
29. R Street / Tulare Street	**30. U Street / Tulare Street**	**31. Divisadero Street Off-Ramp / Tulare Street**	**32. SR 41 SB Off-Ramp / Divisadero Street**
			
33. SR 41 NB Ramps / Tulare Street	**33-0. SR 41 NB On-Ramp / E. Divisadero Street**	**33-1. E. Divisadero St / E. Tulare Avenue**	**34. N. 1st Street / Tulare Street**
			
35. H Street / Mariposa Street / Fresno Street Ramp	**36. C Street / Fresno Street**	**37. SR 99 SB Ramps / Fresno Street**	**38. SR 99 NB Ramps / Fresno Street**
			

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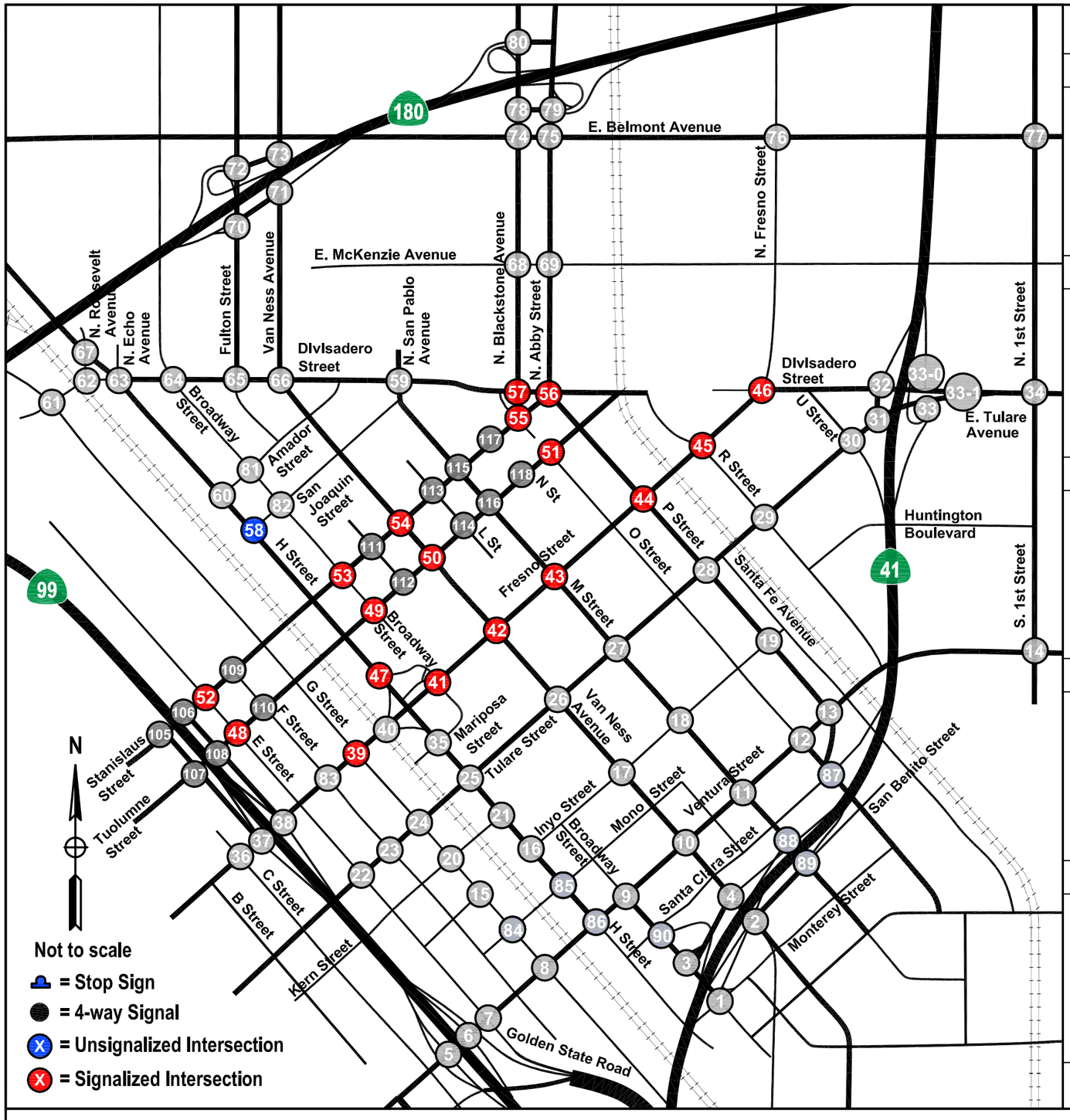
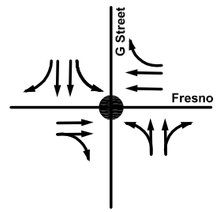
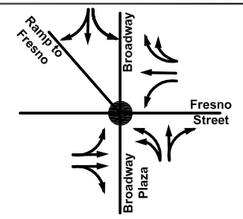
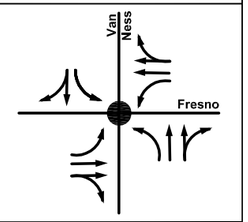
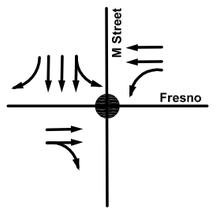
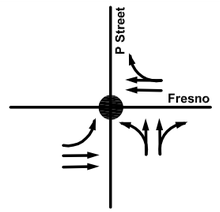
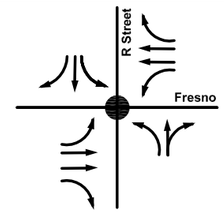
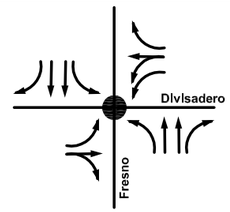
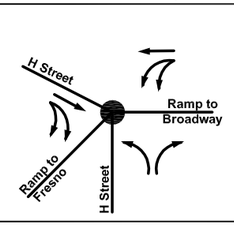
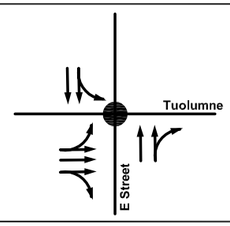
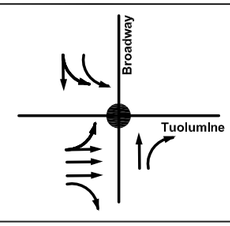
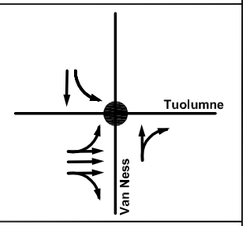
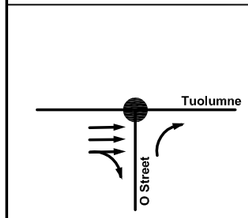
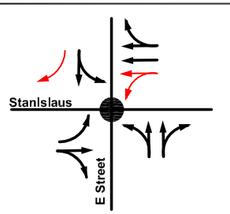
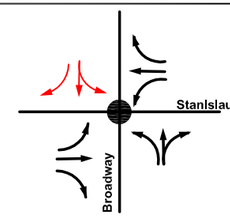
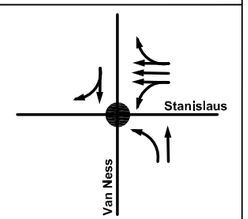
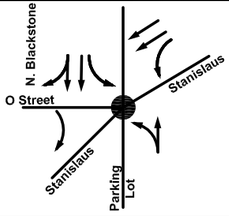
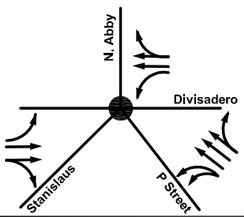
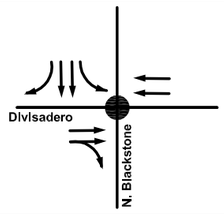
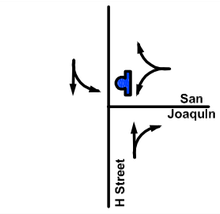
California High-Speed Train Program EIR/EIS

Fresno Station - Existing Lane Geometries

Figure 4.2-3b



39. G Street / Fresno Street	40. H Street / Fresno Street	41. Broadway Street / Fresno Street	42. Van Ness Avenue / Fresno Street
	INTERSECTION NOT TO BE ANALYZED		
43. M Street / Fresno Street	**44. P Street / Fresno Street**	**45. R Street / Fresno Street**	**46. Fresno Street / Divisadero Street**
			
47. Broadway Street / H Street / Fresno Street Ramp	**48. E Street / Tuolumne Street**	**49. Broadway / Tuolumne Street**	**50. Van Ness Avenue / Tuolumne Street**
			
51. O Street / Tuolumne Street	**52. E Street / Stanislaus Street**	**53. Broadyway Street / Stanislaus Street**	**54. Van Ness Avenue / Stanislaus Street**
			
55. N. Blackstone Avenue / Stanislaus Street / O Street	**56. N. Abby Street / Divisadero Street / P Street / Stanislaus Street**	**57. N. Blackstone Avenue / Divisadero Street**	**58. H Street / San Joaquin Street**
			

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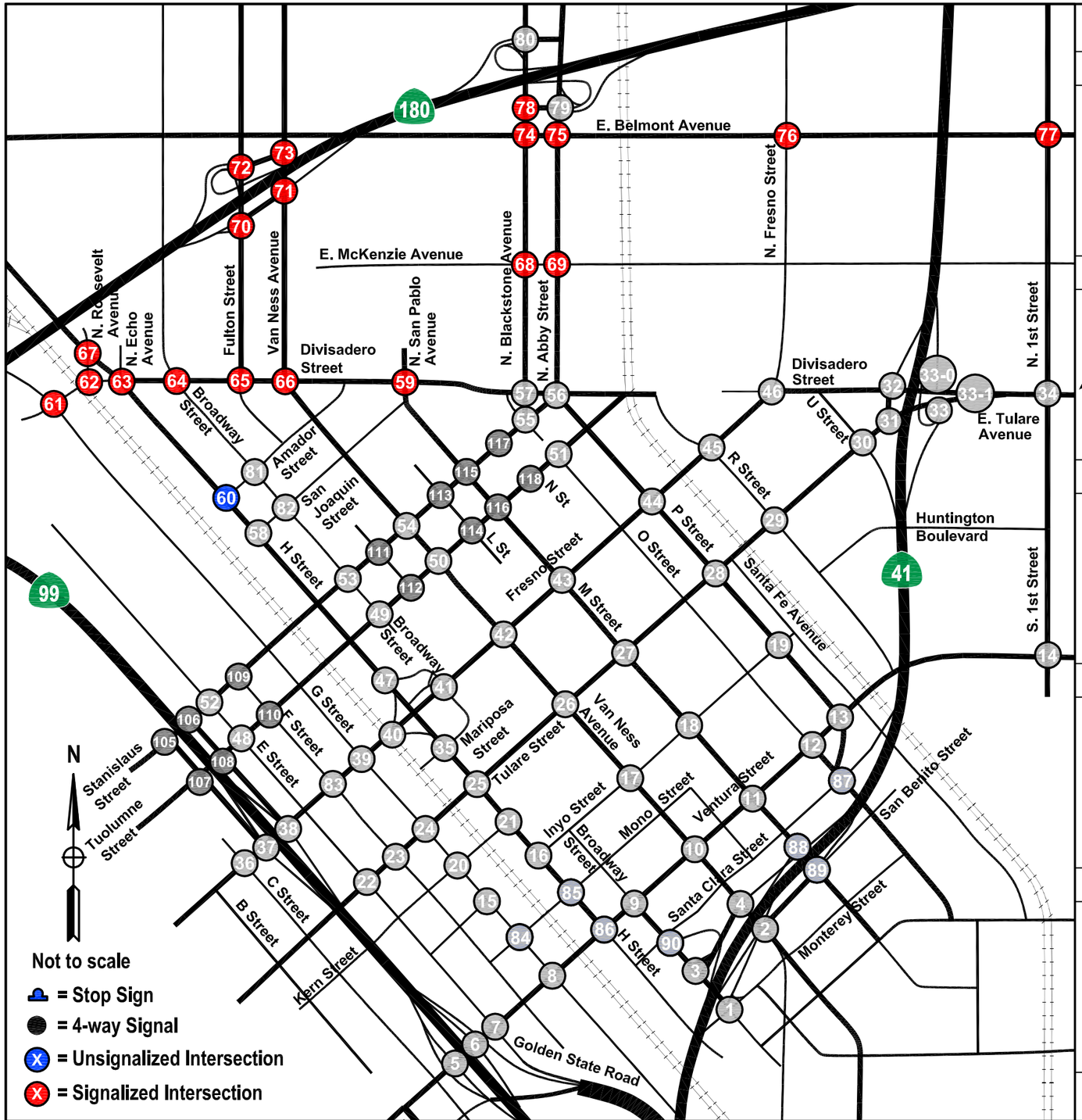
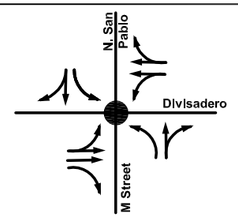
California High-Speed Train Program EIR/EIS

Fresno Station - Existing Lane Geometries

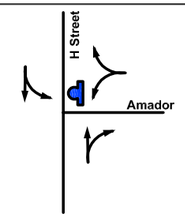
Figure 4.2-3c



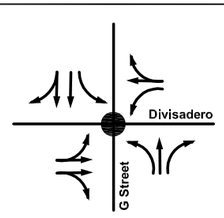
59. M Street / Divisadero Street / N. San Pablo Avenue



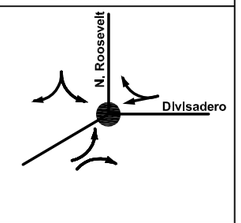
60. H Street / Amador Street



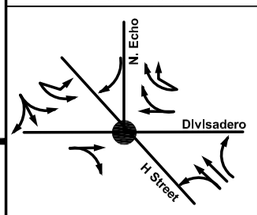
61. G Street / Divisadero Street



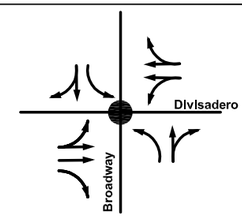
62. N. Roosevelt Avenue / E. Divisadero Street



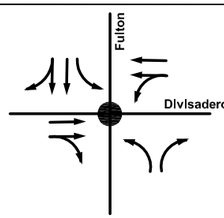
63. H Street / Divisadero Street / N. Echo Avenue



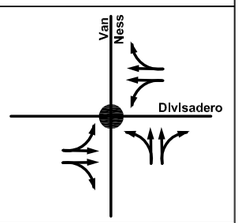
64.Broadway Street / Divisadero Street



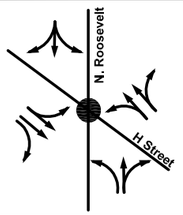
65. Fulton Street / Divisadero Street



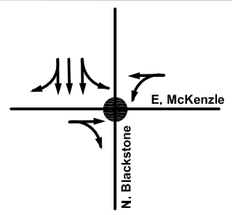
66. Van Ness Avenue / Divisadero Street



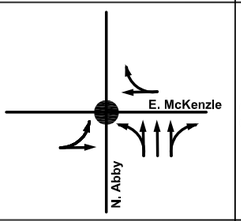
67. H Street / N. Roosevelt Street



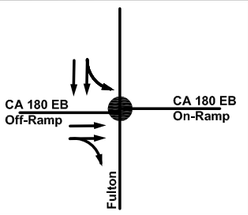
68. N. Blackstone Avenue / E. McKenzie Avenue



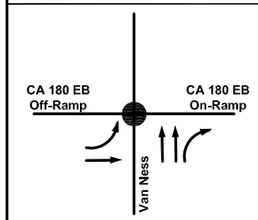
69. N. Abby Street / E. McKenzie Avenue



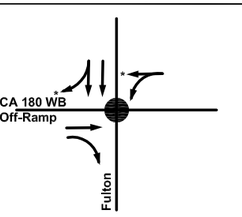
70. Fulton Street / CA 180 EB Ramps



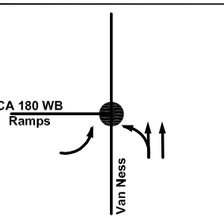
71. Van Ness Avenue / CA 180 EB Ramps



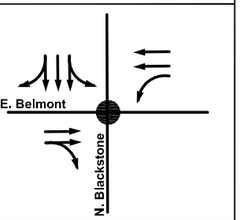
72. Fulton Street / CA 180 WB Ramps



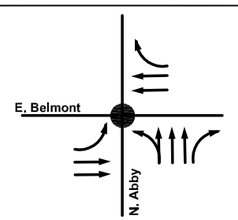
73. Van Ness Avenue / CA 180 WB Ramp



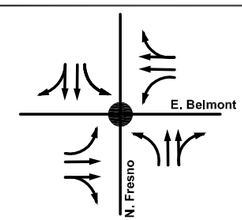
74. N. Blackstone Avenue / E. Belmont Avenue



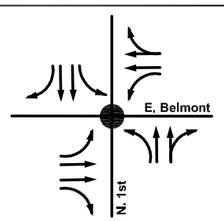
75. N. Abby Street / E. Belmont Street



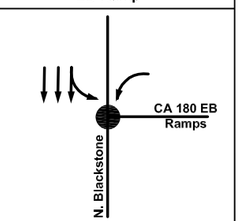
76. N. Fresno Street / E. Belmont Street



77. N. 1st Street / E. Belmont Avenue



78. N. Blackstone Avenue / CA 180 EB Ramp



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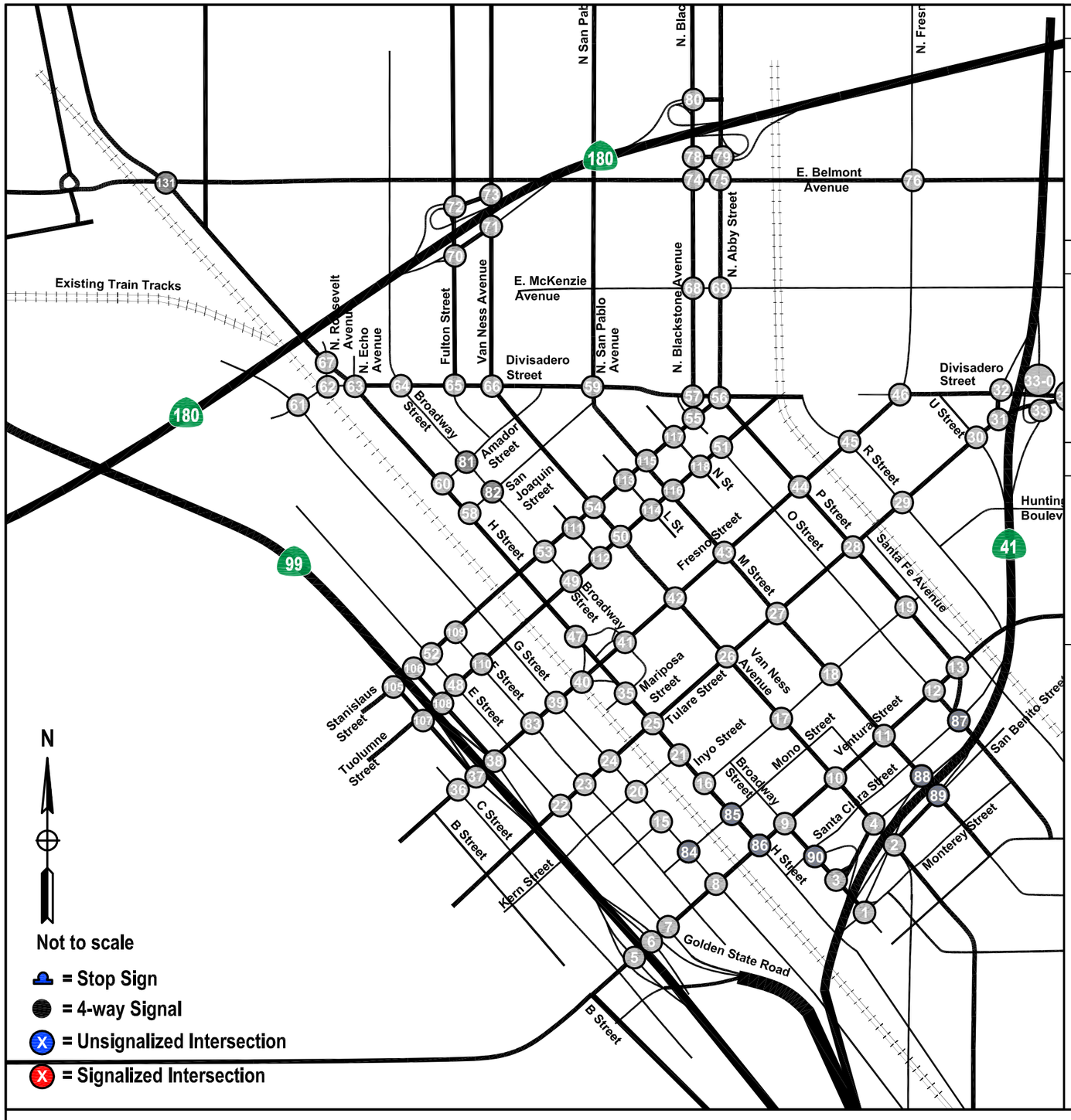
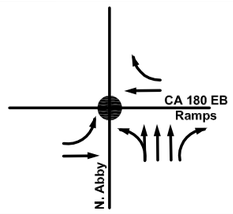
California High-Speed Train Program EIR/EIS

Fresno Station - Existing Lane Geometries

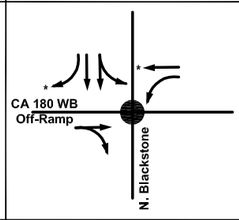
Figure 4.2-3d



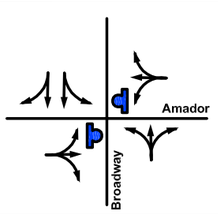
79. N. Abby Street / CA 180 EB Ramps



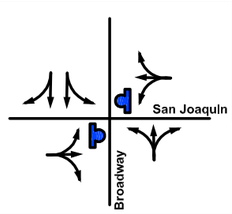
80. N. Blackstone Avenue / CA 180 WB Ramps



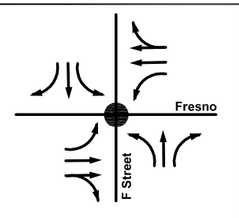
81. Broadway Street / Amador Street



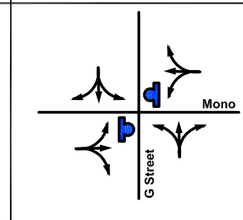
82. Broadway Street / San Joaquln Street



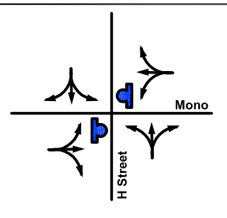
83. F Street / Fresno Street



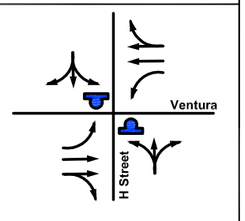
84. G Street / Mono Street



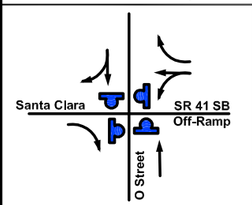
85. H Street / Mono Street



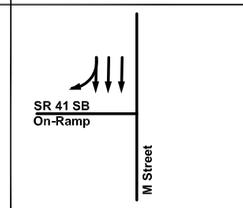
86. H Street / Ventura Street



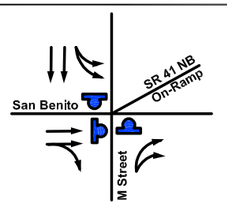
87. O Street / Santa Clara Street - SR 41 SB Off-Ramp



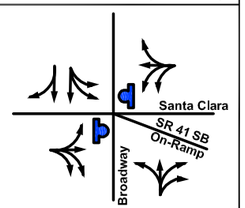
88. M Street / SR 41 SB On-Ramp



89. M Street / San Benito Street - SR 41 NB On-Ramp



90. Broadway Street / Santa Clara Street - SR 41 SB Loop On-Ramp



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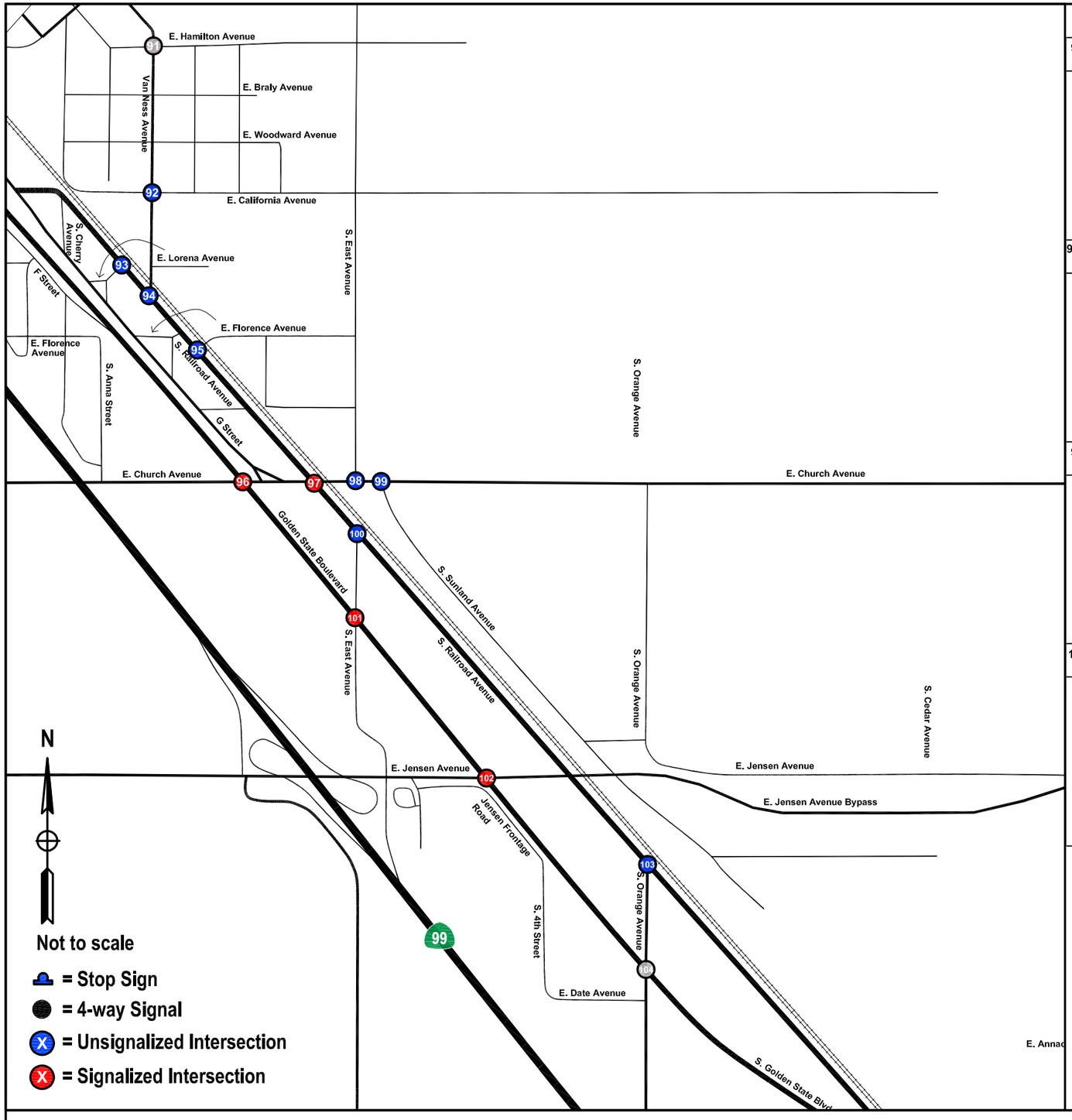
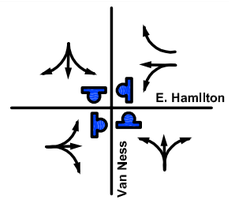
California High-Speed Train Program EIR/EIS

Fresno Station - Existing Lane Geometries

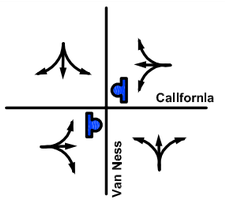
Figure 4.2-3e



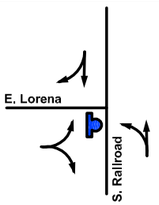
91. Van Ness Avenue / E. Hamilton Avenue



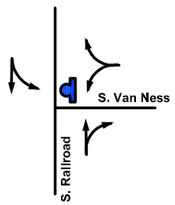
92. S. Van Ness Avenue / California Avenue



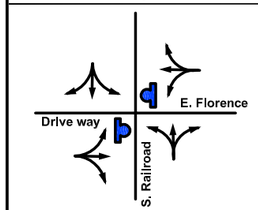
93. S. Railroad Avenue / E. Lorena Avenue



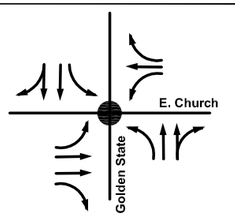
94. S. Railroad Avenue / S. Van Ness Avenue



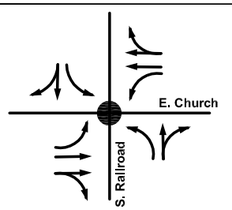
95. S. Railroad Avenue / E. Florence Way



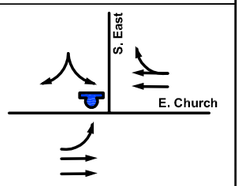
96. Golden State Boulevard / E. Church Avenue



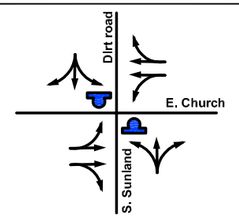
97. S. Railroad Avenue / E. Church Avenue



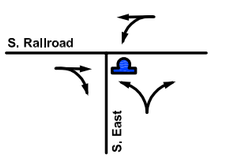
98. S. East Avenue / E. Church Avenue



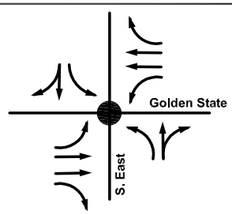
99. S. Sunland Avenue / E. Church Avenue



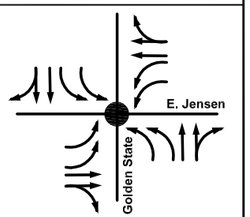
100. S. East Avenue / S. Railroad Avenue



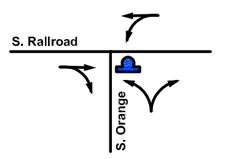
101. S. East Avenue / Golden State Boulevard



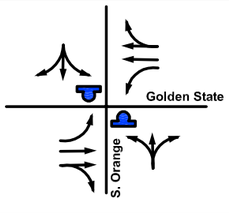
102. Golden State Boulevard / E. Jensen Avenue



103. S. Orange Avenue / S. Railroad Avenue



104. S. Orange Avenue / Golden State Boulevard



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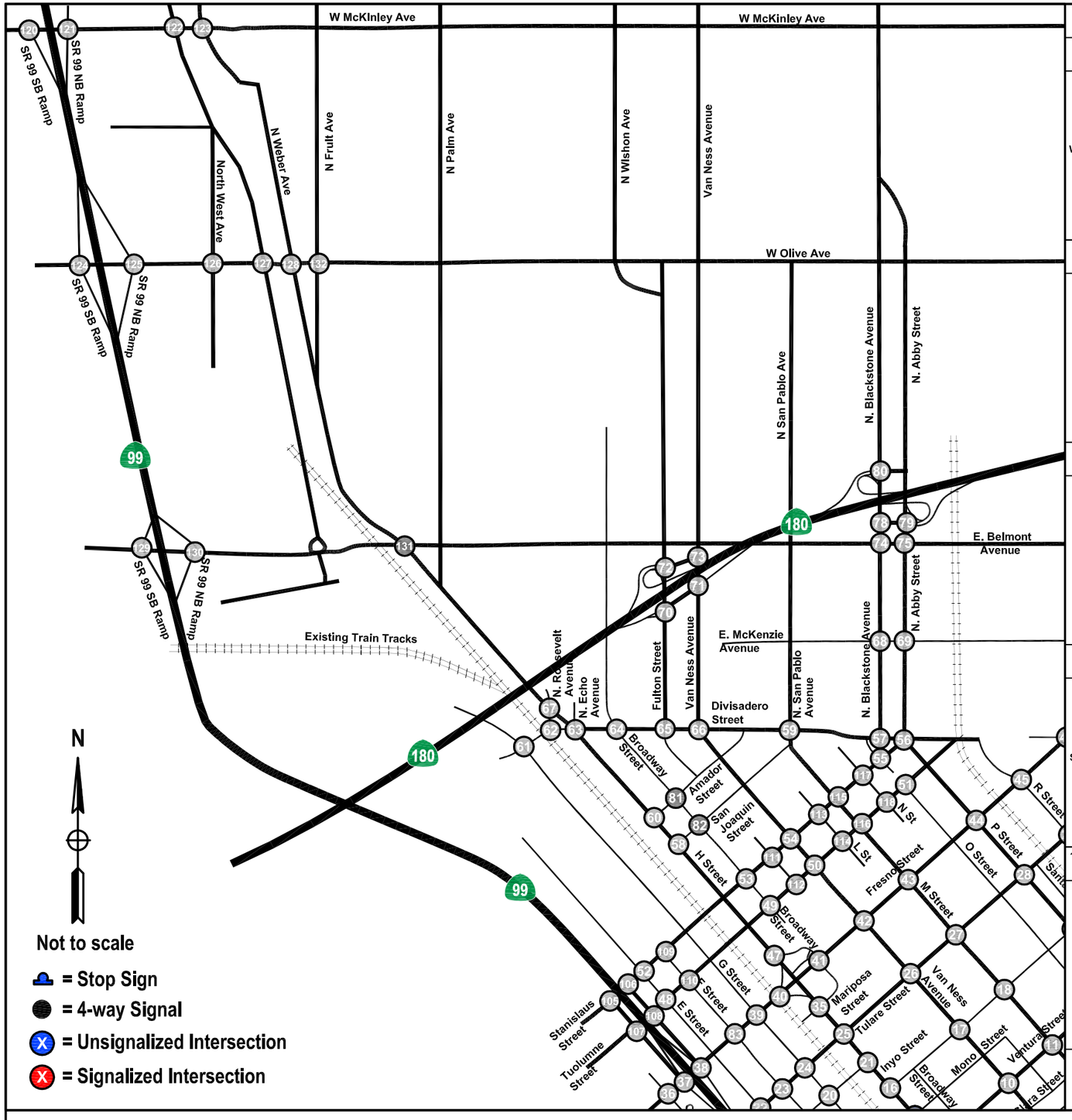
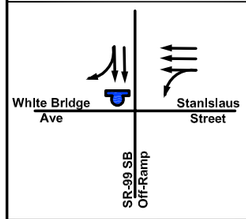
California High-Speed Train Program EIR/EIS

Fresno Station- Existing Lane Geometries

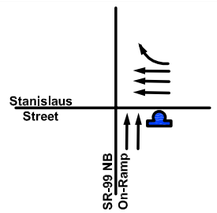
Figure 4.2-3f



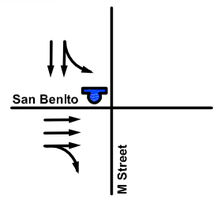
105. SR-99 SB Off-ramp / Stanislaus Street



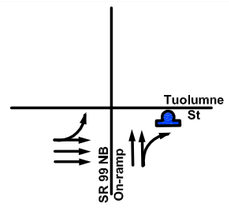
106. SR-99 NB On-ramp / Stanislaus Street



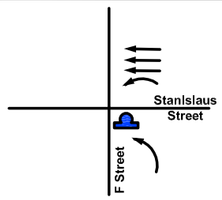
107. Tuolumne St / SR-99 SB Off-Ramp



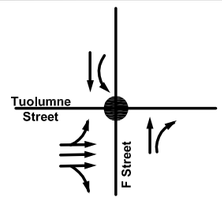
108. Tuolumne Street / SR 99 NB On-Ramp



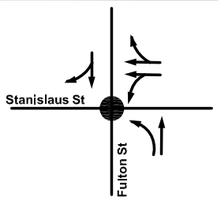
109. Stanislaus Street / F St



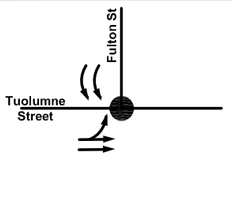
110. M Street / SR 41 SB On-Ramp



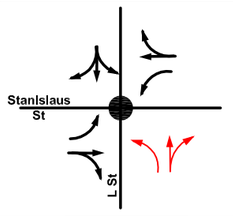
111. Stanislaus St / Fulton St



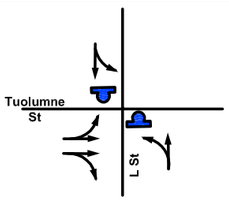
112. Fulton St / Tuolumne St



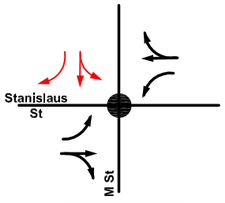
113. Stanislaus Street / L Street



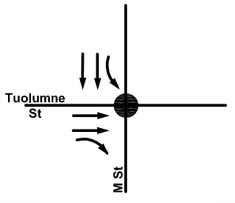
114.Tuolumne Street / L Street



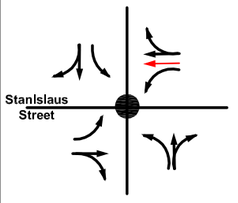
115. Stanislaus Street / M Street



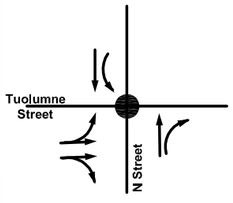
116. Tuolumne Street / M Street



117. Stanislaus Street / N Street



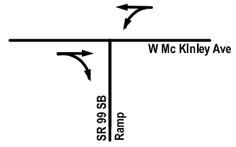
118. Tuolumne St / N Street



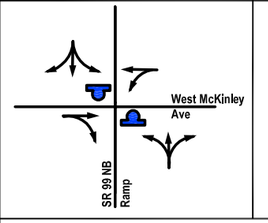
119. Chruch Ave / S Sunland Ave

Signal Exists in Future

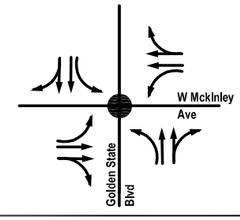
120. W Mckinley Ave / SR 99 SB Ramp



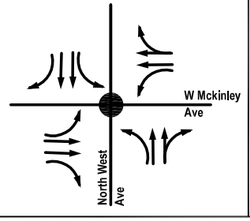
121.West Mckinley Ave/ SR 99 NB Ramp



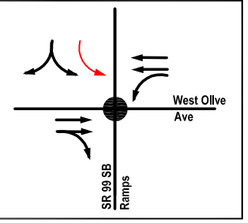
122. W Mckinley Ave / Golden State Blvd



123. W Mickinley Ave/ North West Ave



124. West Olive Ave / SR 99 SB Ramps



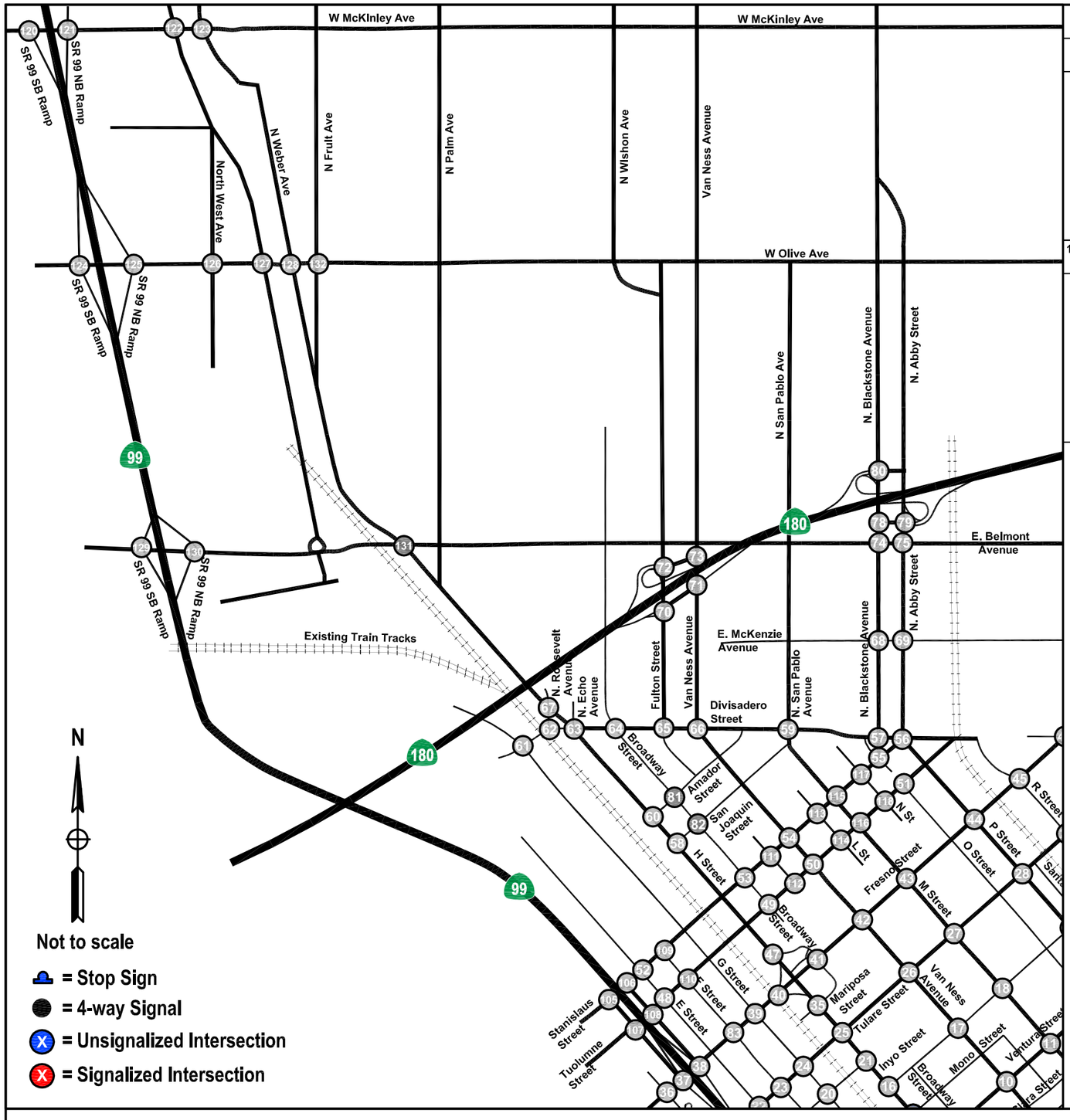
* = Going to CA 180 WB On-Ramp

URS

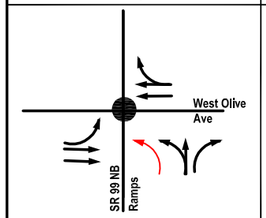
California High-Speed Train Program EIR/EIS

Fresno Station - Existing Lane Geometries

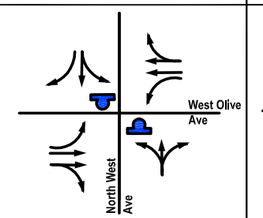
Figure 4.2-3g



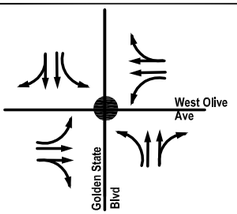
125. West Olive Ave / SR 99 NB Ramps



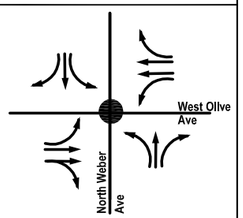
126. West Olive Ave / North West Ave



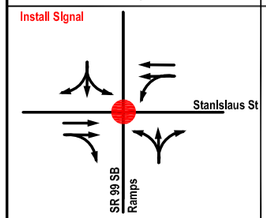
127. West Olive Ave / Golden State Blvd



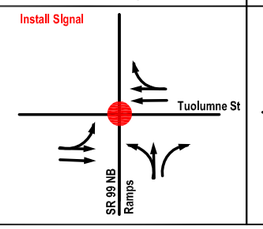
128. West Olive Ave / North Weber Ave



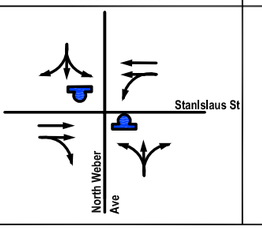
129. West Belmont Ave / SR 99 SB Ramps



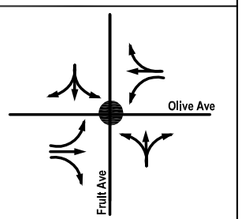
130. West Belomont Ave / SR 99 NB Ramps



131. West Belmont Ave / North Weber Avenue



132. OIlve Ave / Frult Ave

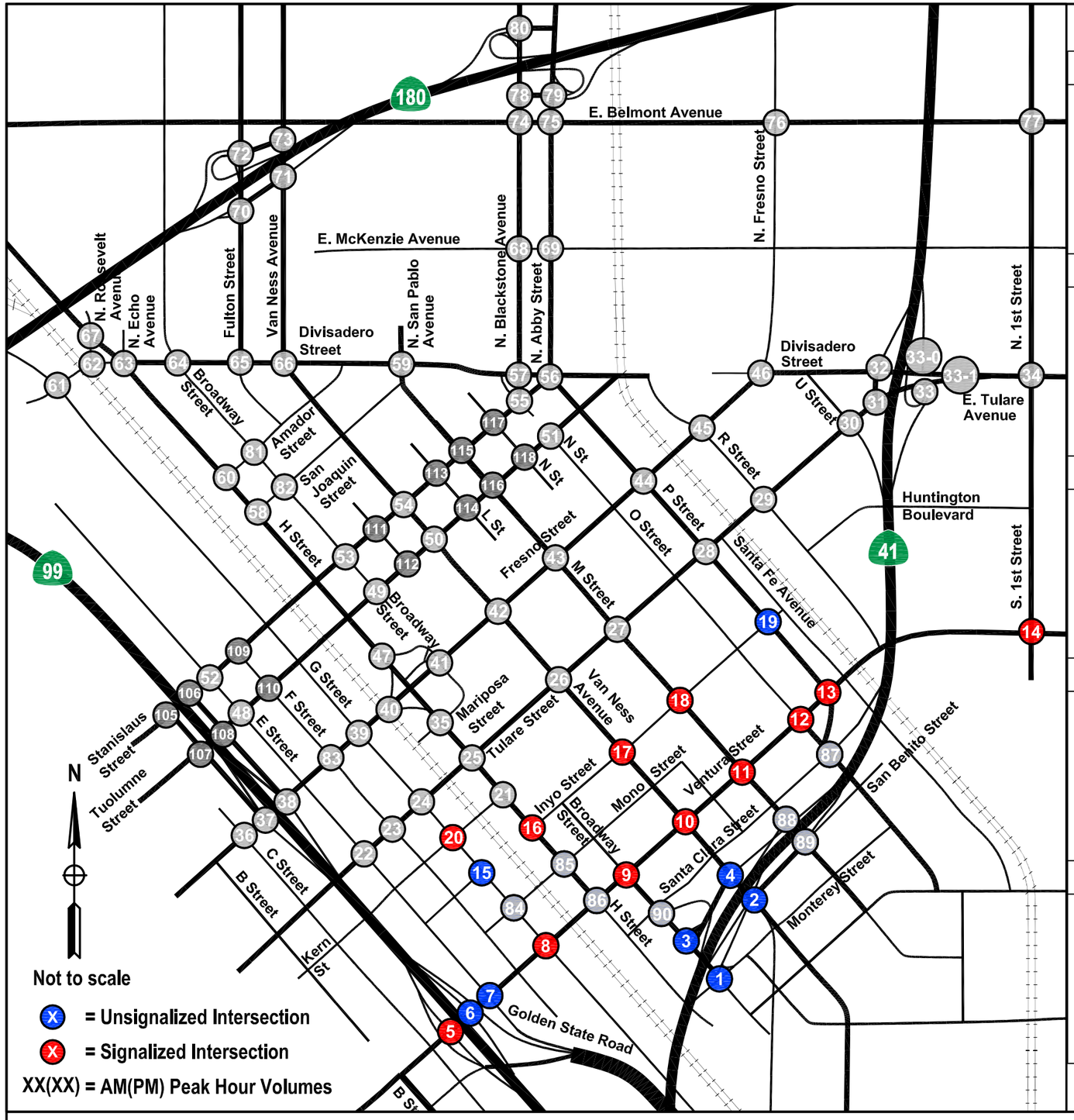


URS

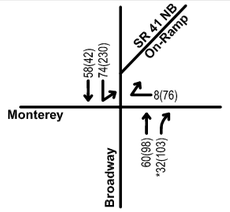
California High-Speed Train Program EIR/EIS

Fresno Station - Existing Lane Geometries

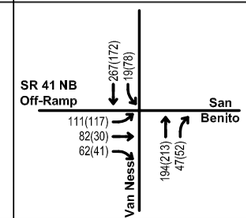
Figure 4.2-3h



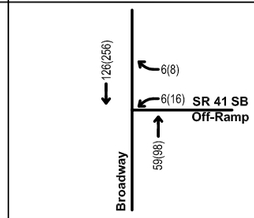
1. Broadway Street / SR 41 NB On-Ramp / Monterey Street



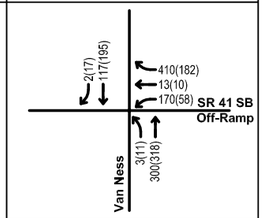
2. Van Ness Avenue / SR 41 NB Off-Ramp / San Benito Street



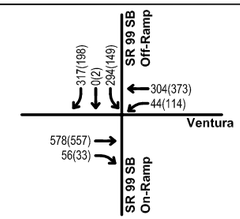
3. Broadway Street / SR 41 SB Off-Ramp



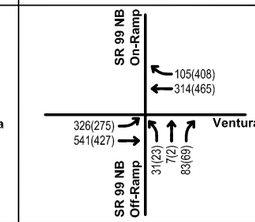
4. Van Ness Avenue / SR 41 SB Off-Ramp



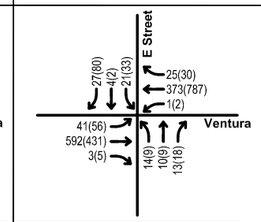
5. SR 99 SB Ramps / Ventura Avenue



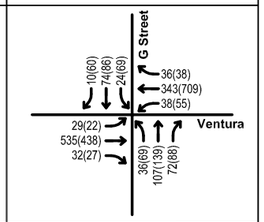
6. SR 99 NB Ramps / Ventura Avenue



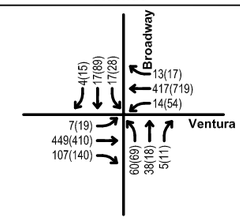
7. E Street / Ventura Avenue



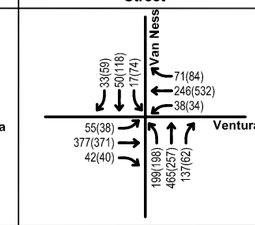
8. G Street / Ventura Avenue



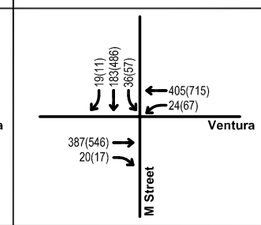
9. Broadway Street / Ventura Avenue



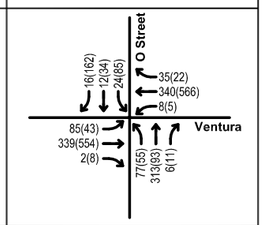
10. Van Ness Avenue / Ventura Street



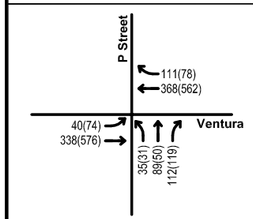
11. M Street / Ventura Street



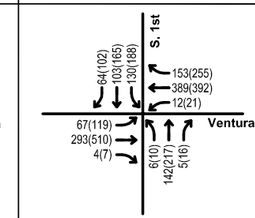
12. O Street / Ventura Avenue



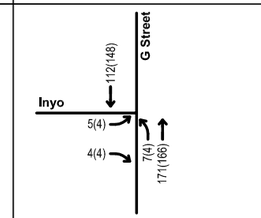
13. P Street / Ventura Avenue



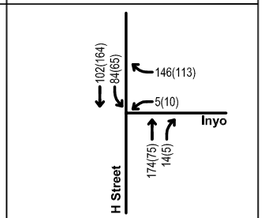
14. S. 1st Street / Ventura Avenue



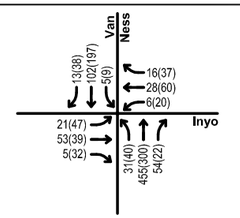
15. G Street / Inyo Street



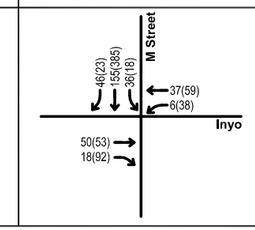
16. H Street / Inyo Street



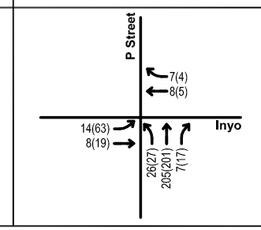
17. Van Ness Street / Inyo Street



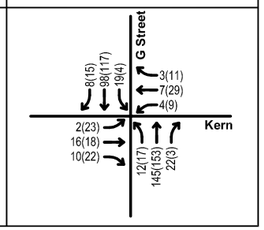
18. M Street / Inyo Street



19. P Street / Inyo Street



20. G Street / Kern Street



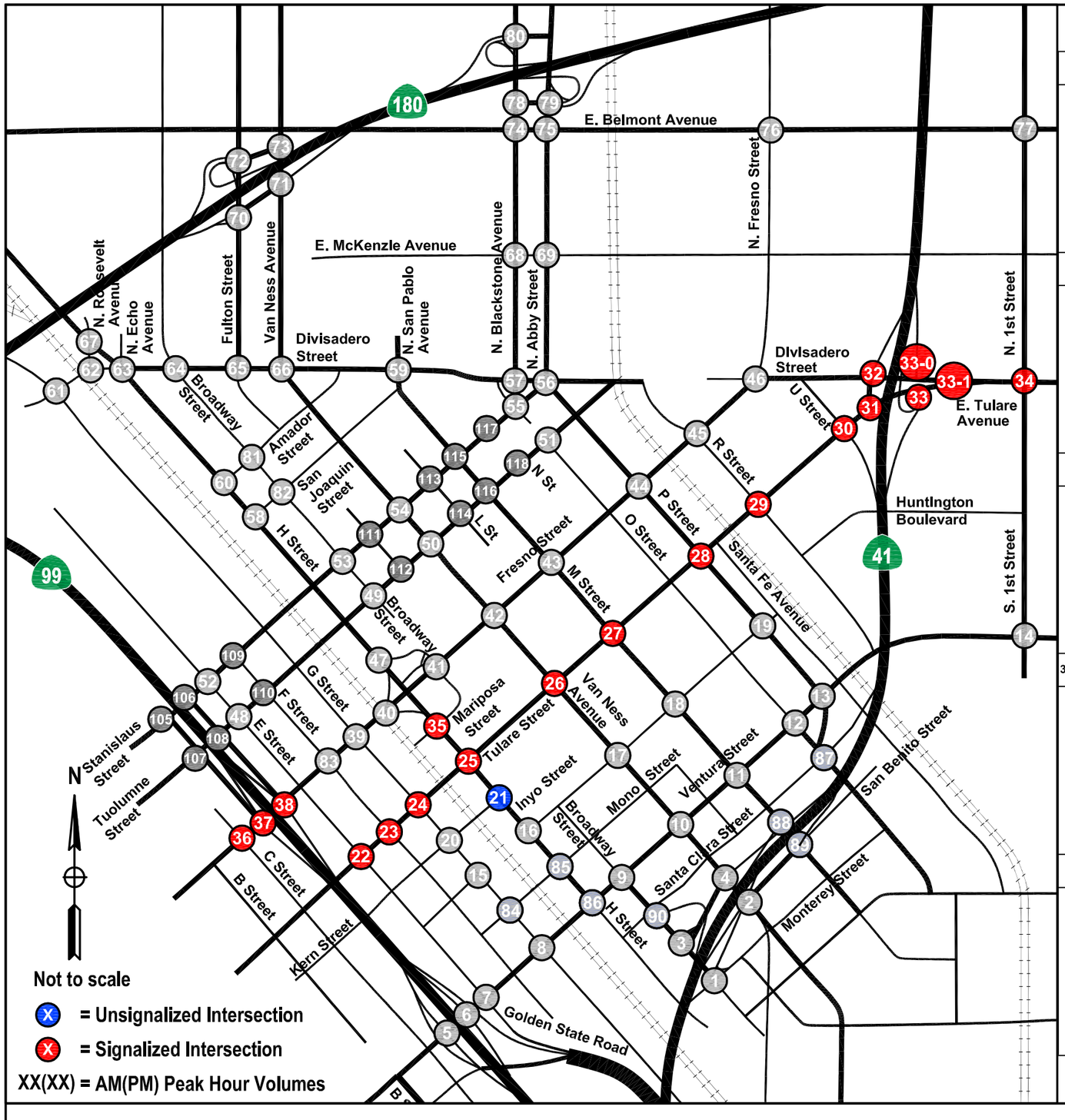
Note:
*XX(XX) Volume going to SR 41 NB On-Ramp

URS

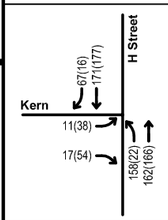
California High-Speed Train Program EIR/EIS

Fresno Station - Existing Peak Hour Turning Movement Volumes

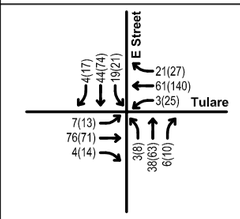
Figure 4.2-4a



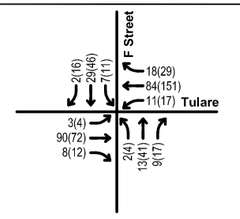
21. H Street / Kern Street



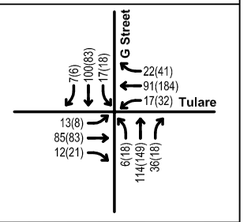
22. E Street / Tulare Street



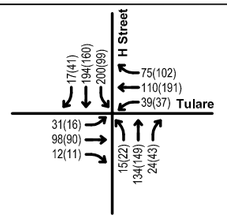
23. F Street / Tulare Street



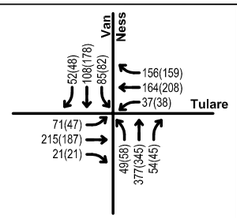
24. G Street / Tulare Street



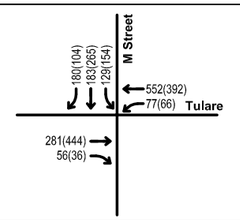
25. H Street / Tulare Street



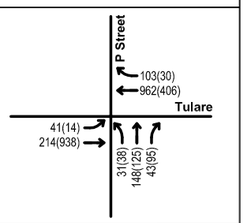
26. Van Ness Avenue / Tulare Street



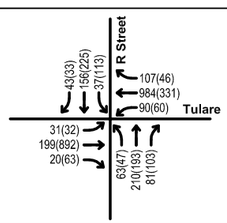
27. M Street / Tulare Street



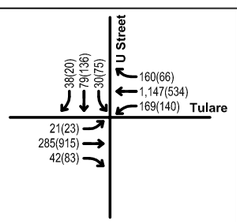
28. P Street / Tulare Street



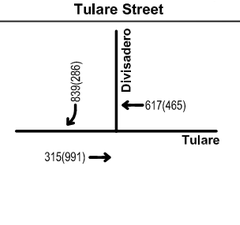
29. R Street / Tulare Street



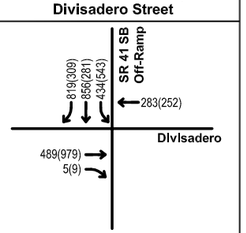
30. U Street / Tulare Street



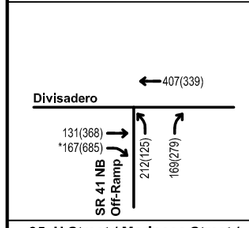
31. Divisadero Street Off-Ramp / Tulare Street



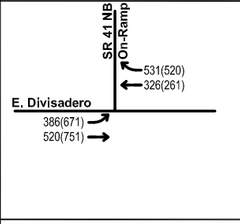
32. SR 41 SB Off-Ramp / Divisadero Street



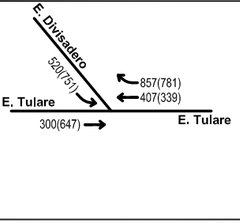
33. SR 41 NB Ramps / Tulare Street



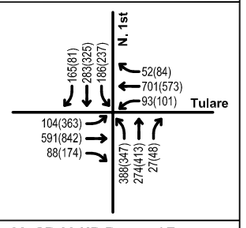
33-0. SR 41 NB On-Ramp / E. Divisadero Street



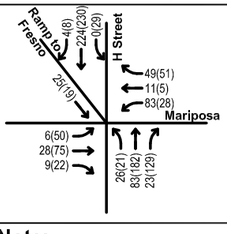
33-1. E. Divisadero Street / E. Tulare Street



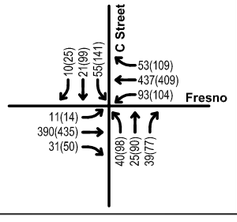
34. N. 1st Street / Tulare Street



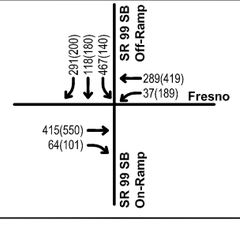
35. H Street / Mariposa Street / Fresno Street Ramps



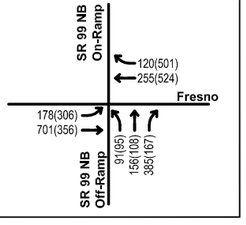
36. C Street / Fresno Street



37. SR 99 SB Ramps / Fresno Street



38. SR 99 NB Ramps / Fresno Street



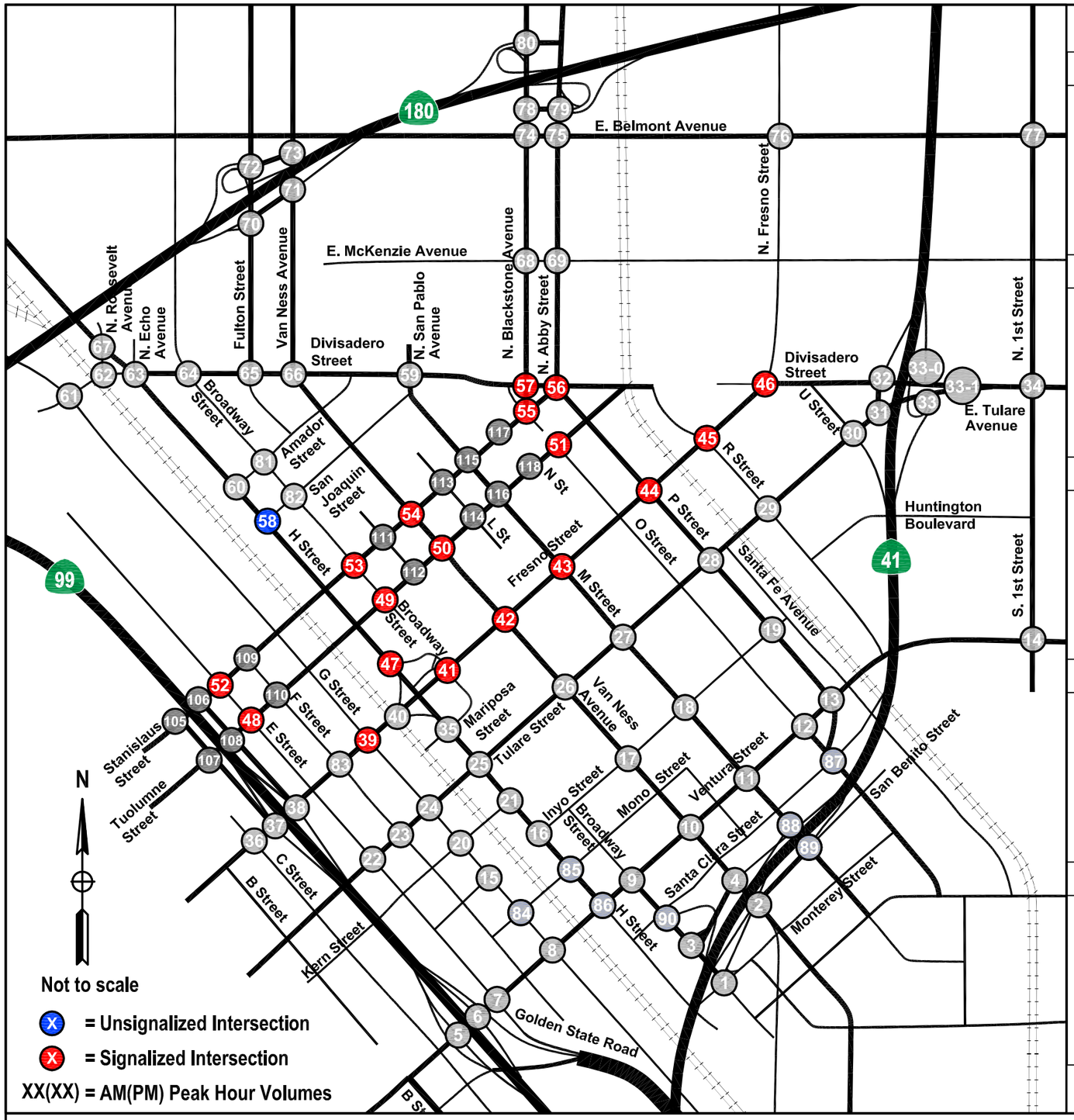
Note:
*XX(XX) Volume going to SR 41 NB On-Ramp

URS

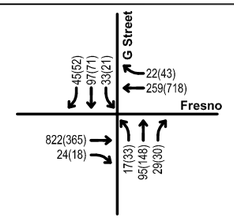
California High-Speed Train Program EIR/EIS

Fresno Station - Existing Peak Hour Turning Movement Volumes

Figure 4.2-4b



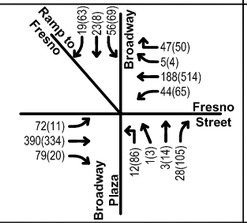
39. G Street / Fresno Street



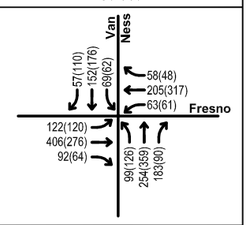
40. H Street / Fresno Street

INTERSECTION NOT TO BE ANALYZED

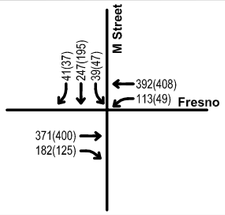
41. Broadway Street / Fresno Street



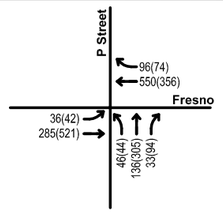
42. Van Ness Avenue / Fresno Street



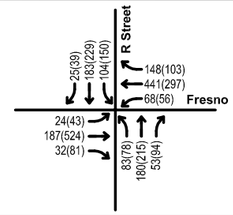
43. M Street / Fresno Street



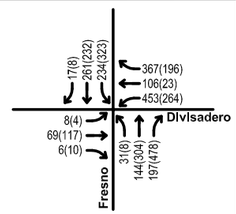
44. P Street / Fresno Street



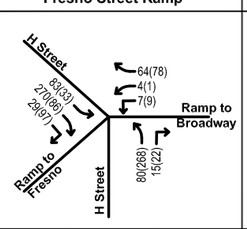
45. R Street / Fresno Street



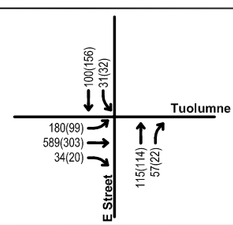
46. Fresno Street / Divisadero Street



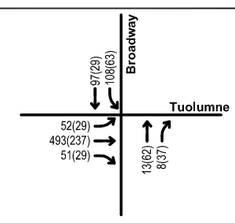
47. H Street / Broadway Street / Fresno Street Ramp



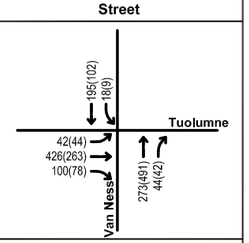
48. E Street / Tuolumne Street



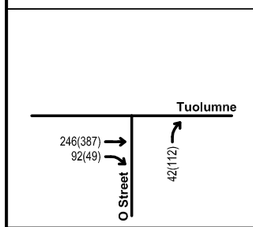
49. Broadway / Tuolumne Street



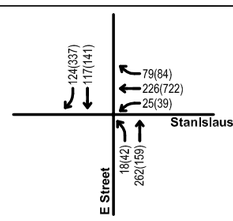
50. Van Ness Avenue / Tuolumne Street



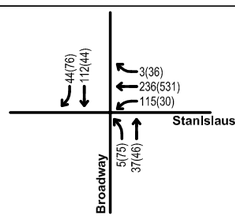
51. O Street / Tuolumne Street



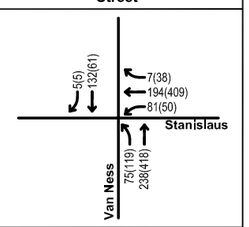
52. E Street / Stanislaus Street



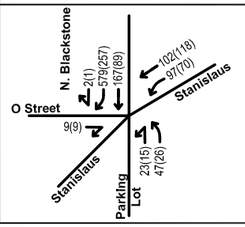
53. Broadway Street / Stanislaus Street



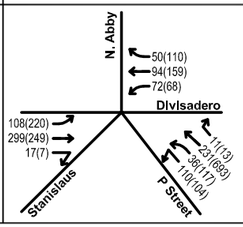
54. Van Ness Avenue / Stanislaus Street



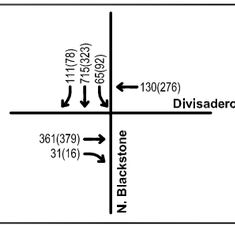
55. N. Blackstone Avenue / Stanislaus Street / O Street



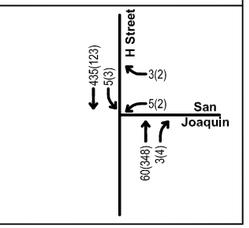
56. N. Abby Street / Divisadero Street / P Street / Stanislaus Street



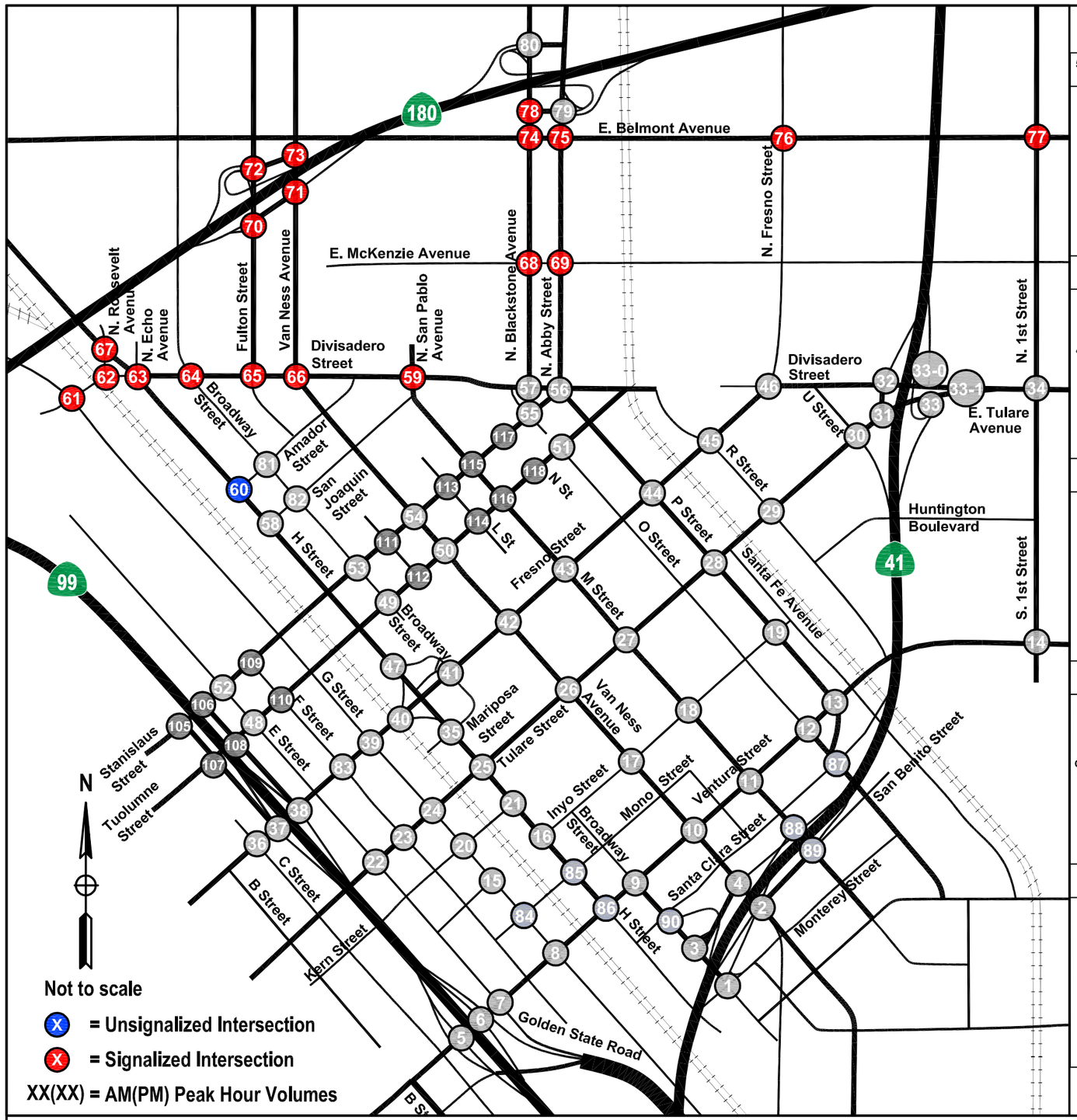
57. N. Blackstone Avenue / Divisadero Street



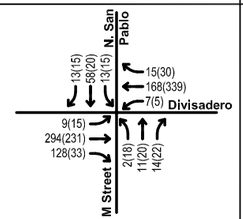
58. H Street / San Joaquin Street



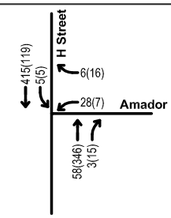
URS	California High-Speed Train Program EIR/EIS	Fresno Station - Existing Peak Hour Turning Movement Volumes	Figure 4.2-4c



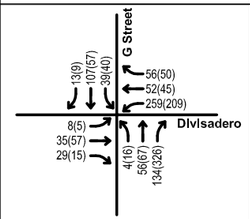
59. M Street / Divisadero Street / N. San Pablo Avenue



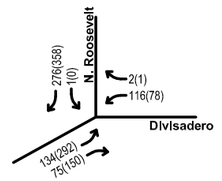
60. H Street / Amador Street



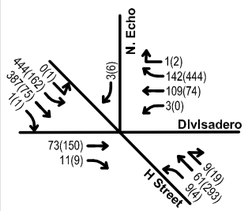
61. G Street / Divisadero Street



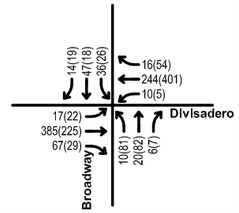
62. N. Roosevelt Avenue / E. Divisadero Avenue



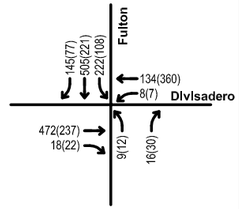
63. H Street / Divisadero Street / N. Echo Avenue



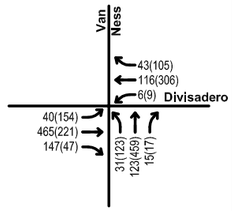
64. Broadway Street / Divisadero Street



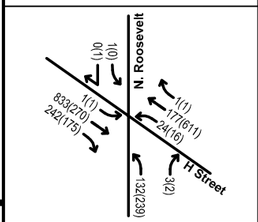
65. Fulton Street / Divisadero Street



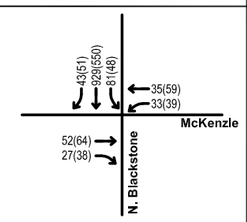
66. Van Ness Avenue / Divisadero Street



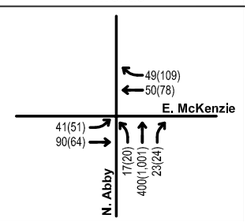
67. H Street / Roosevelt Street



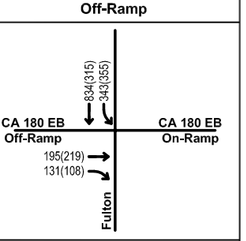
68. N. Blackstone Avenue / E. McKenzie Avenue



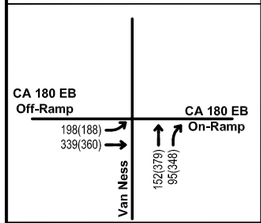
69. N. Abby Street / E. McKenzie Avenue



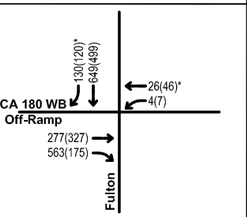
70. Fulton Street / CA 180 EB Off-Ramp



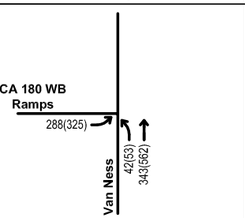
71. Van Ness Avenue / CA 180 EB Ramps



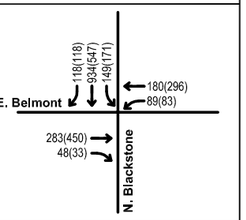
72. Fulton Street / CA 180 WB Ramps



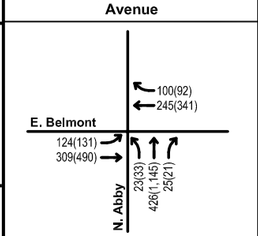
73. Van Ness Avenue / CA 180 WB Ramps



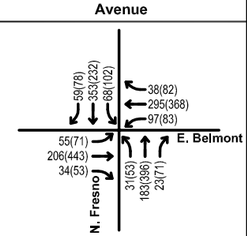
74. N. Blackstone Avenue / E. Belmont Avenue



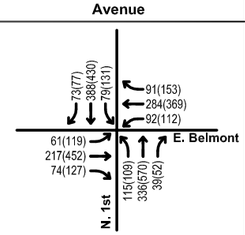
75. N. Abby Street / E. Belmont Avenue



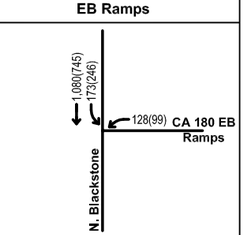
76. N. Fresno Street / E. Belmont Avenue



77. N. 1st Street / E. Belmont Avenue



78. N. Blackstone Avenue / CA 180 EB Ramps



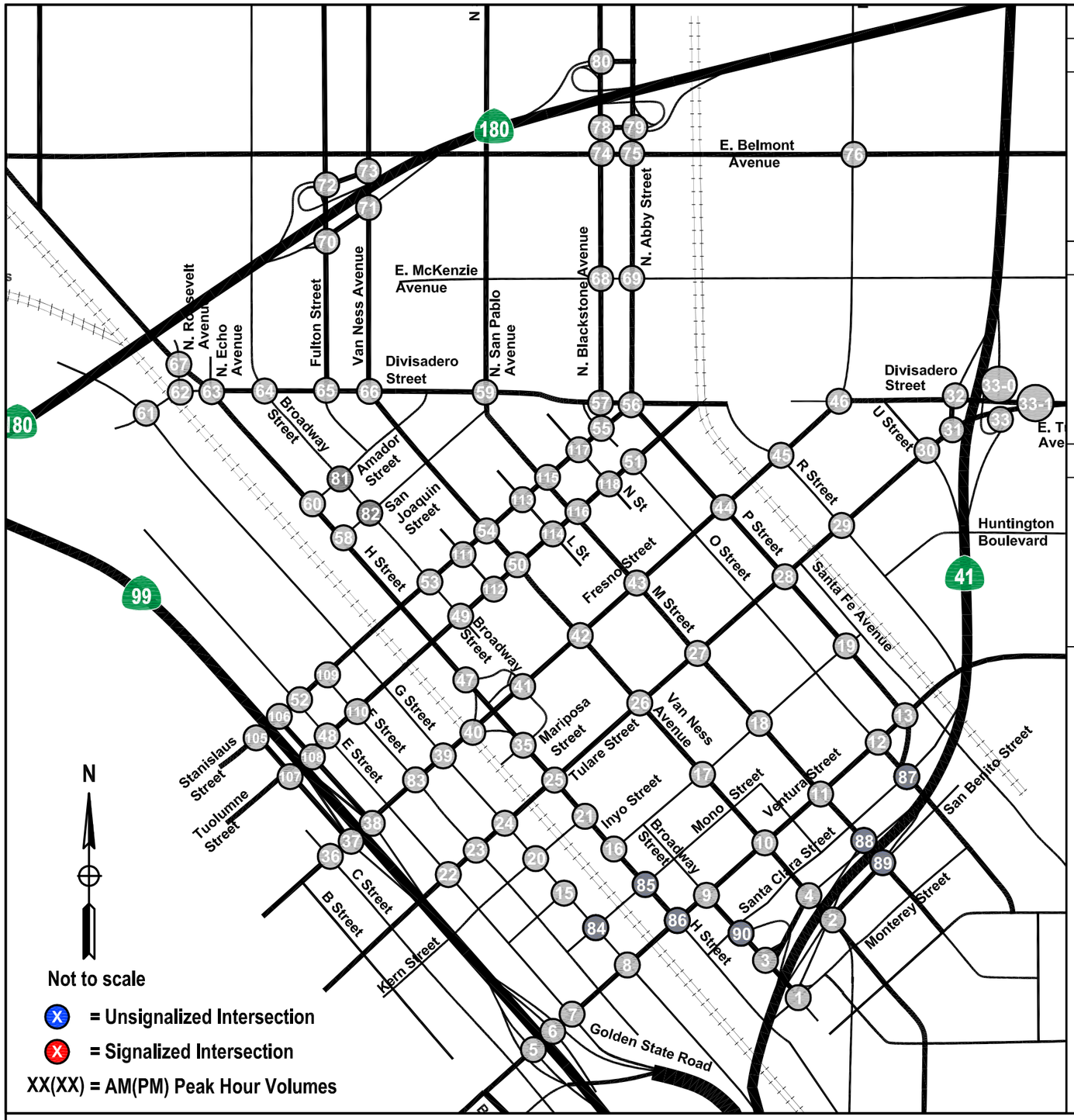
Note:
* = Volume going to CA 180 WB On-Ramp

URS

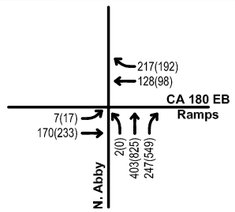
California High-Speed Train Program EIR/EIS

Fresno Station - Existing Peak Hour Turning Movement Volumes

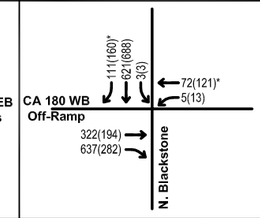
Figure 4.2-4d



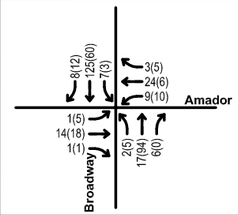
79. N. Abby Street / CA 180 EB Ramps



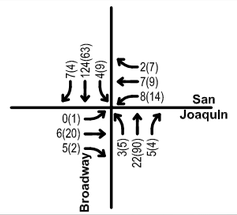
80. N. Blackstone Avenue / CA 180 WB Ramps



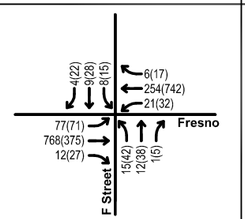
81. Broadway Street / Amador Street



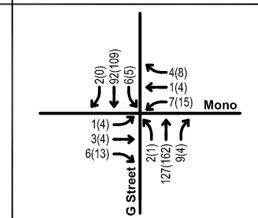
82. Broadway Street / San Joaquin Street



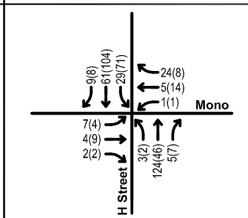
83. F Street / Fresno Street



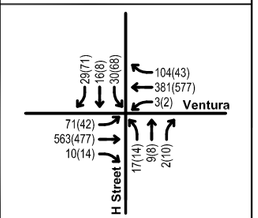
84. G Street / Mono Street



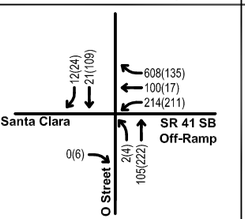
85. H Street / Mono Street



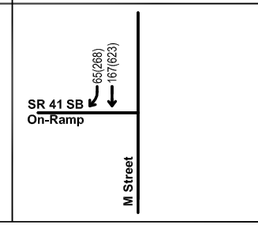
86. H Street / Ventura Street



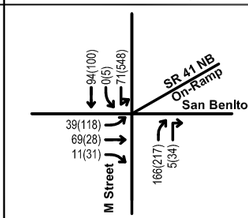
87. O Street / Santa Clara Street - SR 41 SB Off-Ramp



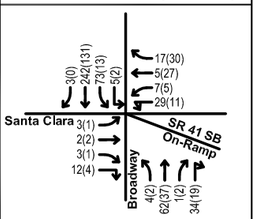
88. M Street / SR 41 SB On-Ramp



89. M Street / San Benito Street - SR 41 NB On-Ramp



90. Broadway Street / Santa Clara Street - SR 41 SB Loop On-Ramp



* = Volume going to CA 180 WB On-Ramp

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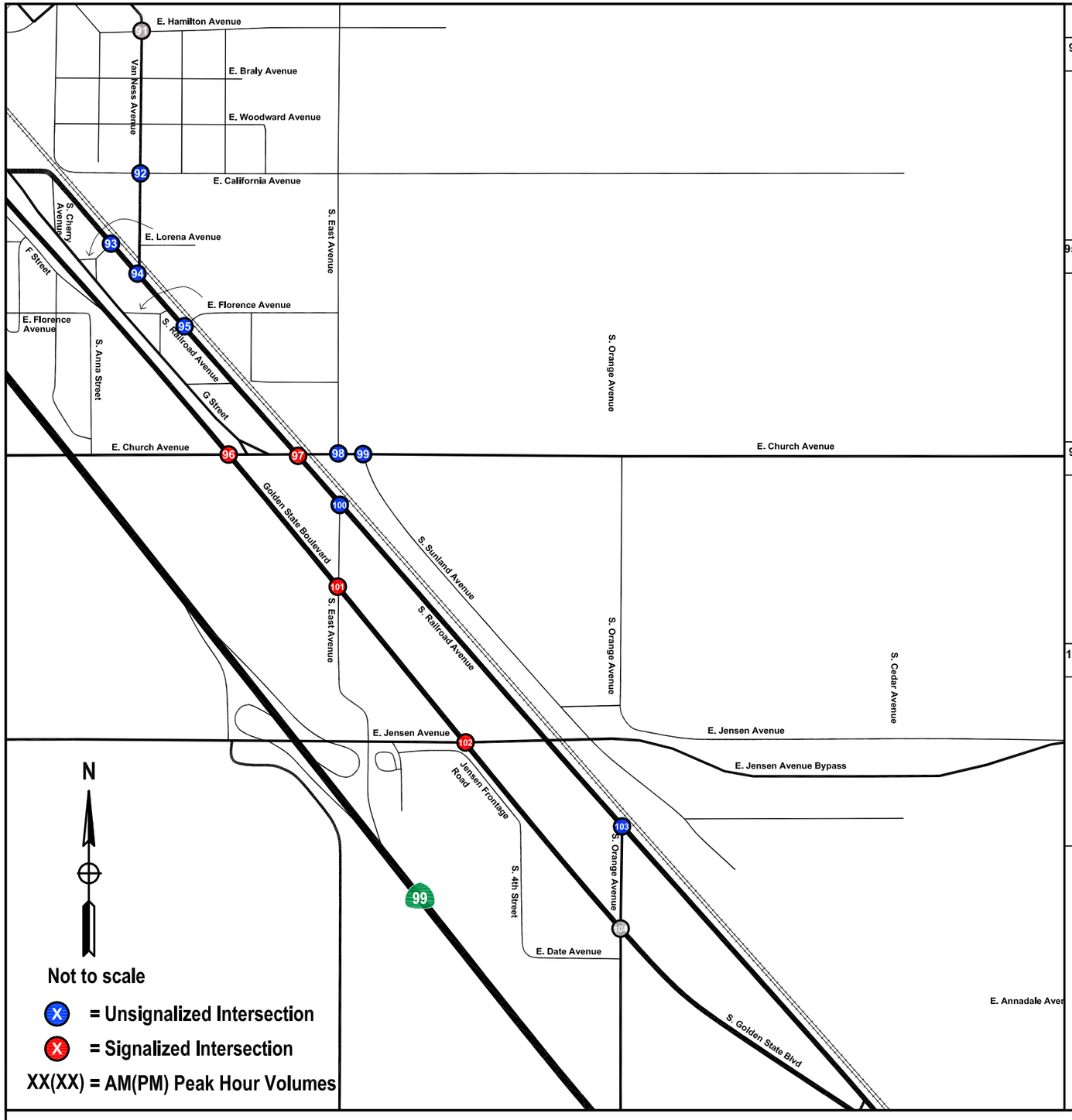
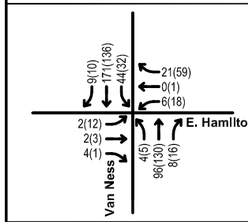
California High-Speed Train Program EIR/EIS

Fresno Station - Existing Peak Hour Turning Movement Volumes

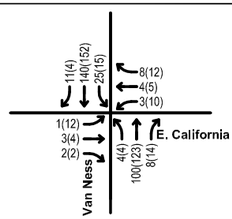
Figure 4.2-4e



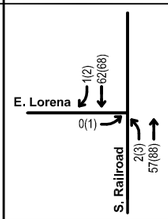
91. Van Ness Avenue / E. Hamilton Avenue



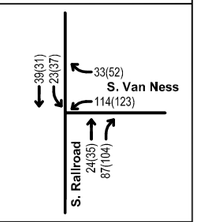
92. S. Van Ness Avenue / E. California Avenue



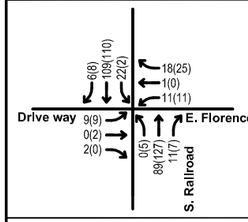
93. S. Railroad Avenue / E. Lorena Avenue



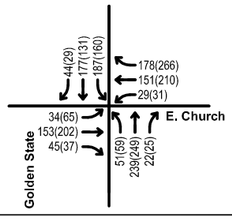
94. S. Railroad Avenue / S. Van Ness Avenue



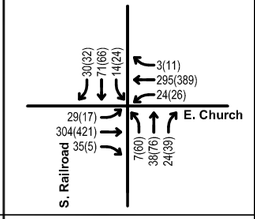
95. S. Railroad Avenue / E. Florence Way



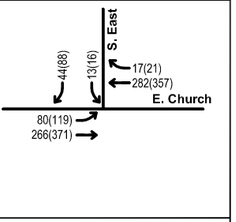
96. Golden State Boulevard / E. Church Avenue



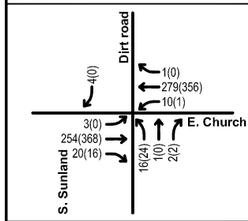
97. S. Railroad Avenue / E. Church Avenue



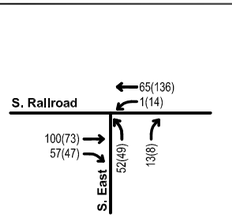
98. S. East Avenue / E. Church Avenue



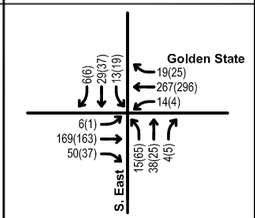
99. S. Sunland Avenue / E. Church Avenue



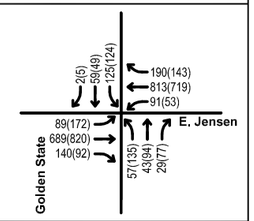
100. S. East Avenue / S. Railroad Avenue



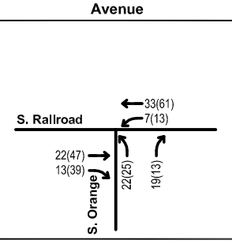
101. S. East Avenue / Golden State Boulevard



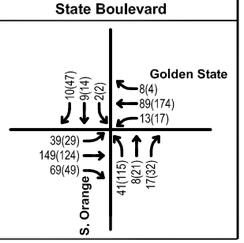
102. Golden State Boulevard / E. Jensen Avenue



103. S. Orange Avenue / S. Railroad Avenue



104. S. Orange Avenue / Golden State Boulevard



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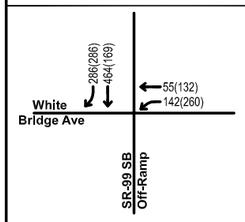
California High-Speed Train Program EIR/EIS

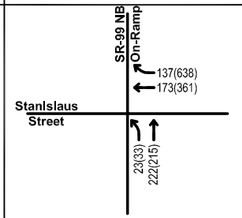
Fresno Station - Existing Peak Hour Turning Movement Volumes

Figure 4.2-4f

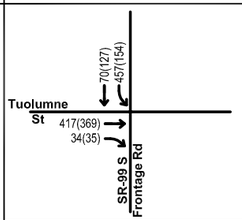
105. SR-99 SB Off-ramp / Stanislaus Street



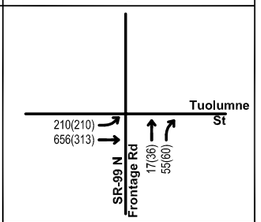
106. SR-99 NB On-ramp / Stanislaus Street



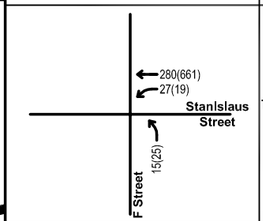
107. Tuolumne St / SR-99 S Frontage Rd



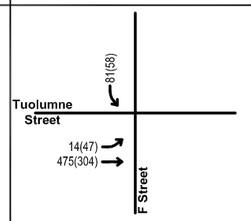
108. Tuolumne Street / SR 99 N Frontage Rd



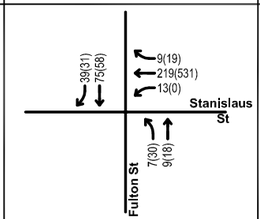
109. Stanislaus Street / F St



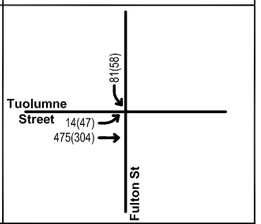
110. F Street / Tuolumne Street



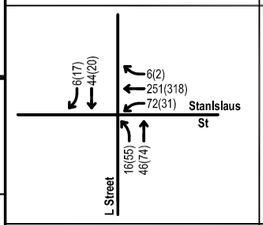
111. Stanislaus St / Fulton St



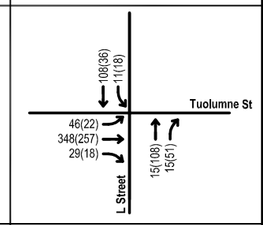
112. Fulton St / Tuolumne St



113. Stanislaus Street / L Street

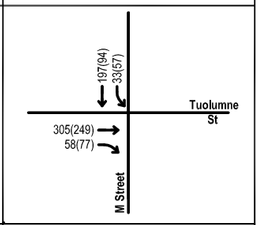


114.Tuolumne Street / L Street

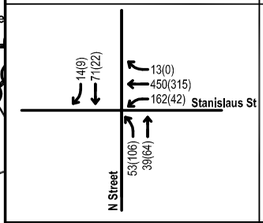


115. Stanislaus Street / M Street

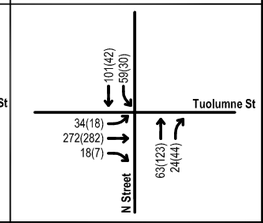
116. Tuolumne Street / M Street



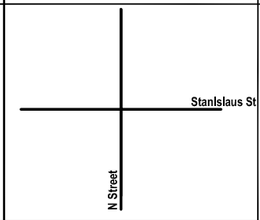
117. Stanislaus Street / N Street



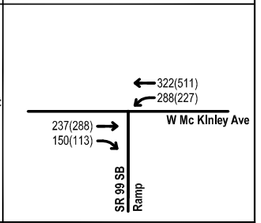
118. Tuolumne St / N Street



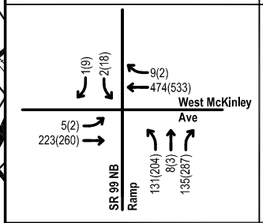
119. Chruch Ave / S Sunland Ave



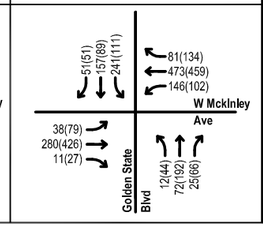
120. W Mckinley Ave / SR 99 SB Ramp



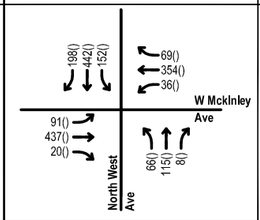
121.West Mckinley Ave/ SR 99 NB Ramp



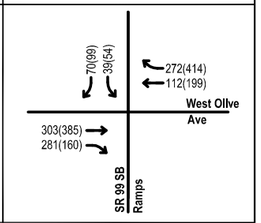
122. W Mckinley Ave / Golden State Blvd



123. W Mickinley Ave/ North West Ave



124. West Olive Ave / SR 99 SB Ramps



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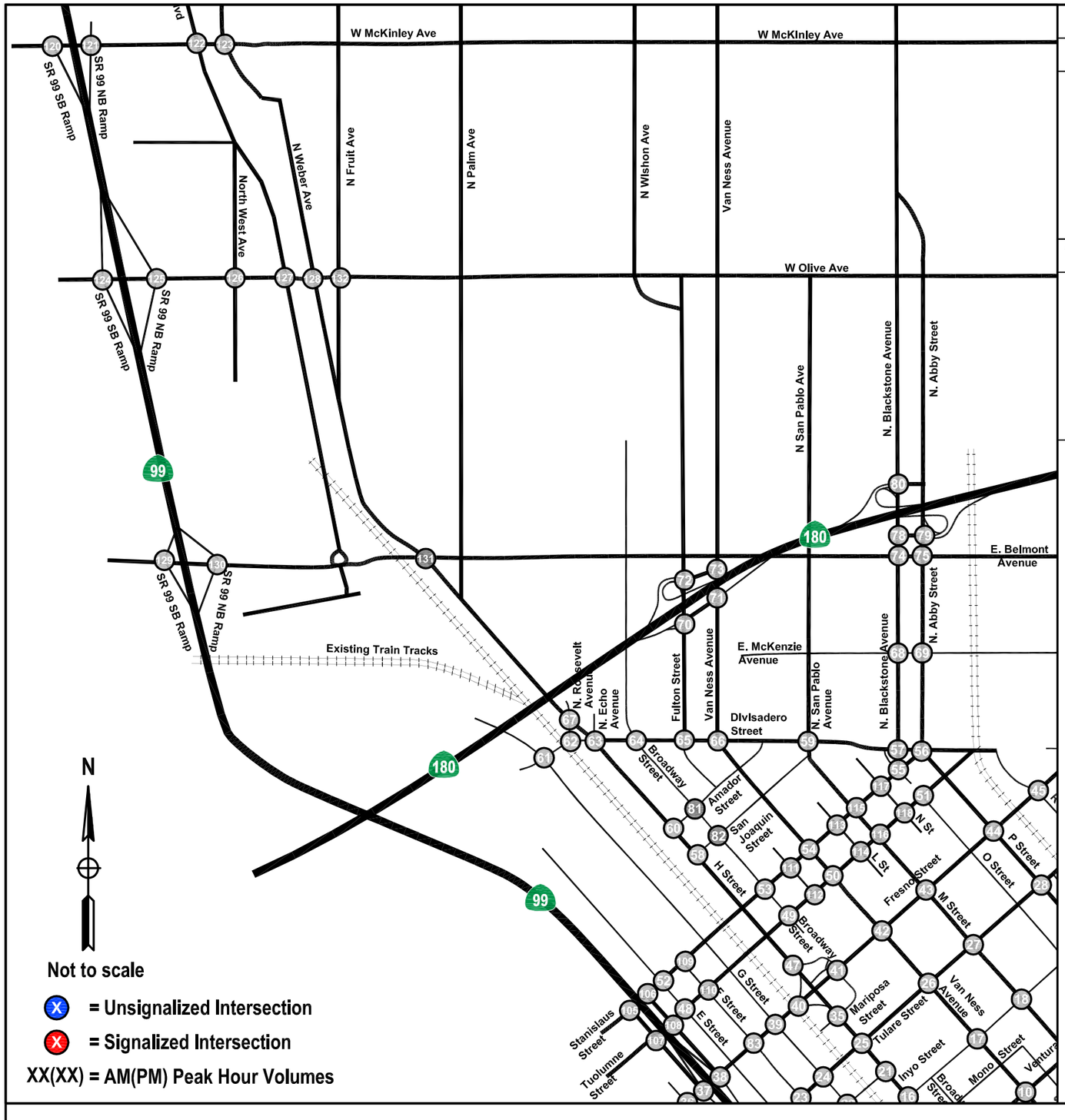
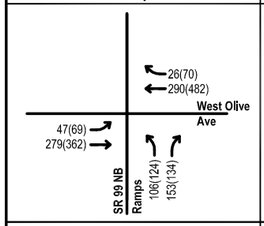
California High-Speed Train Program EIR/EIS

Fresno Station - Existing Peak Hour Turning Movement Volumes

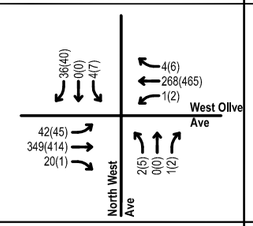
Figure 4.2-4g



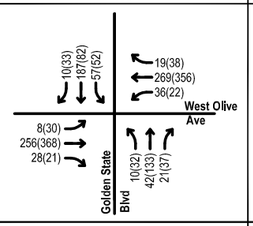
125. West Olive Ave / SR 99 NB Ramps



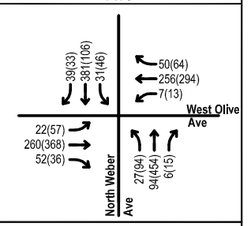
126. West Olive Ave / North West Ave



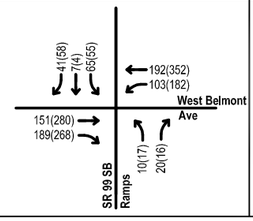
127. West Olive Ave / Golden State Blvd



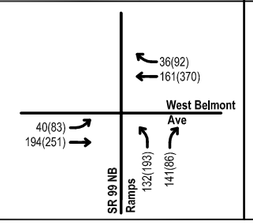
128. West Olive Ave / North Weber Ave



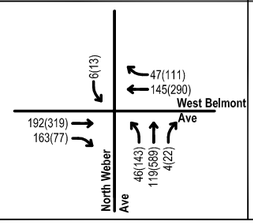
129. West Belmont Ave / SR 99 SB Ramps



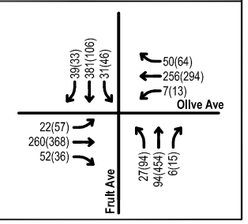
130. West Belomont Ave / SR 99 NB Ramps



131. West Belmont Ave / North Weber Avenue



132. Olive Ave / Fruit Ave



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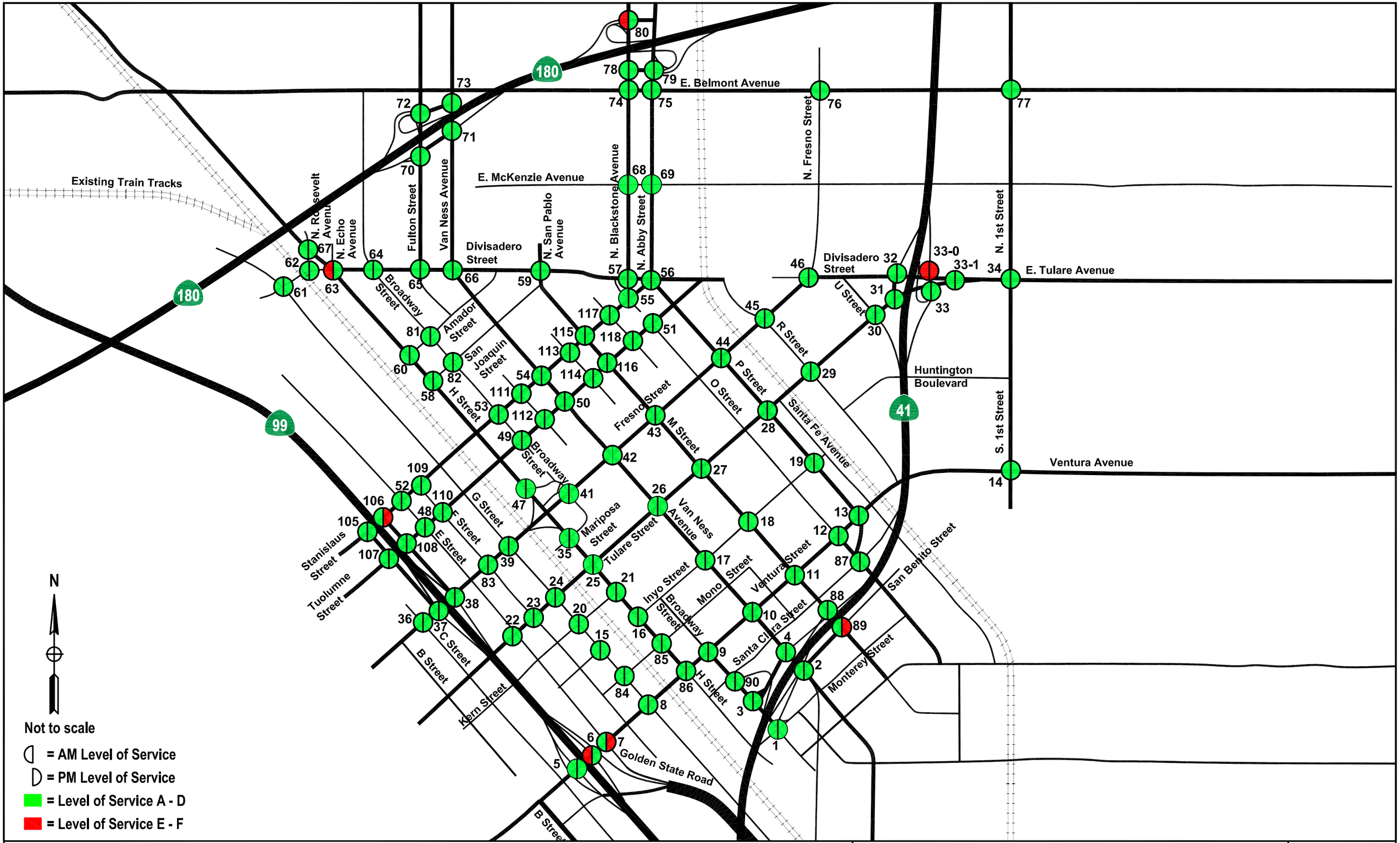
California High-Speed Train Program EIR/EIS

Fresno Station - Existing Peak Hour Turning Movement Volumes

Figure 4.2-4h



California High-Speed Train Program EIR/EIS

Fresno Station - Existing Intersection Level of Service

Figure 4.2-5a

91 E. Hamilton Avenue
E. Braly Avenue
E. Woodward Avenue
92 E. California Avenue
93 E. Lorena Avenue
94 E. Florence Avenue
95
96
97
98
99
100
101
102 E. Jensen Avenue
103
104
Golden State Blvd
F Street
G Street
E. California Avenue
S. Cherry Avenue
S. East Avenue
F Street
E. Florence Avenue
S. Elm Avenue
S. Anna Street
S. Railroad Avenue
G Street
E. Church Avenue
S. Orange Avenue
E. Church Avenue
41
Golden State Boulevard
S. East Avenue
S. Railroad Avenue
S. Stanland Avenue
S. Orange Avenue
S. Cedar Avenue
E. Jensen Avenue
E. Jensen Avenue Bypass
Jensen Frontage Road
99
S. 4th Street
S. Orange Avenue

N

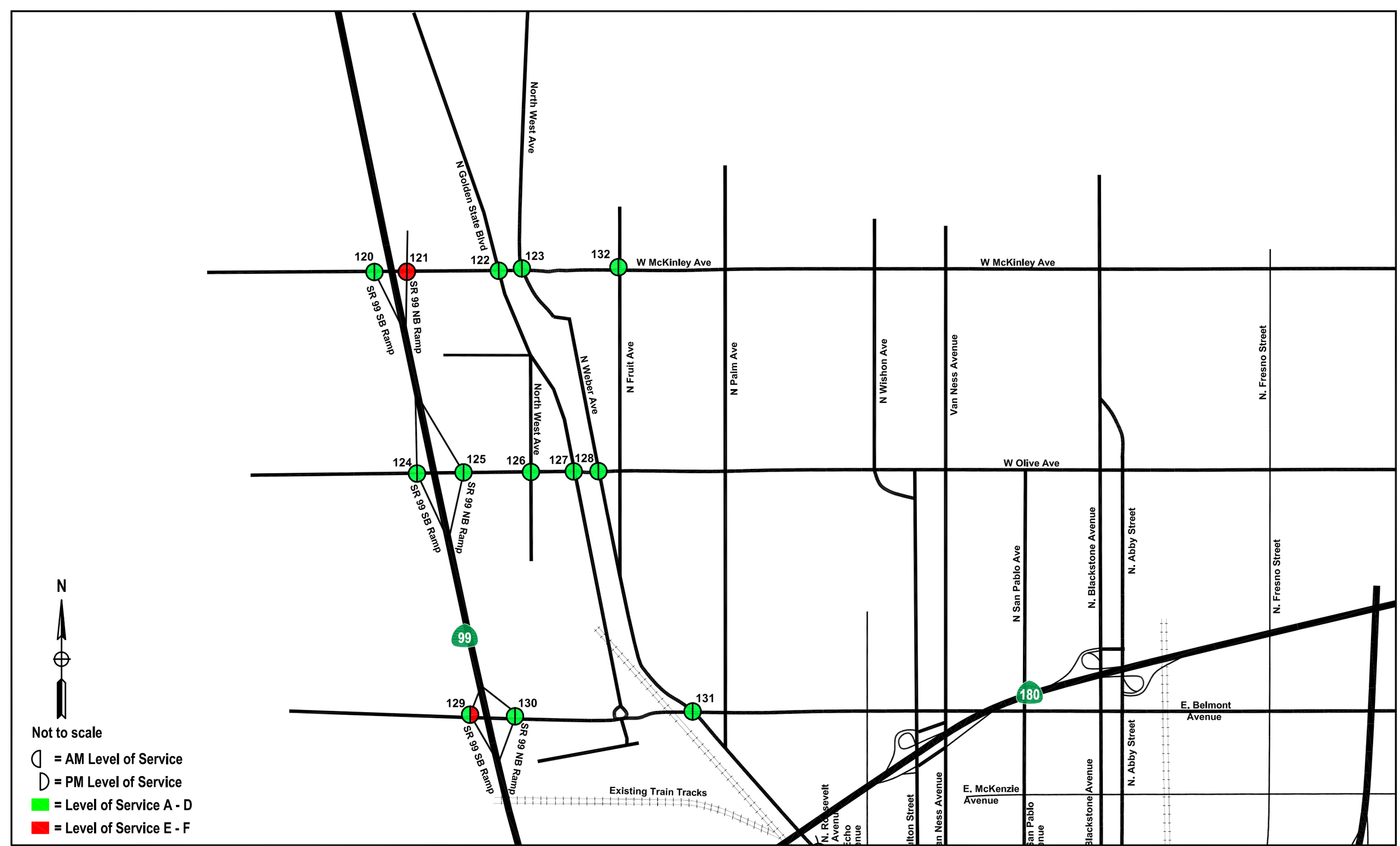
Not to scale

= AM Level of Service
= PM Level of Service
= Level of Service A - D
= Level of Service E - F

California High-Speed Train Program EIR/EIS

Fresno Station - Existing Intersection Level of Service

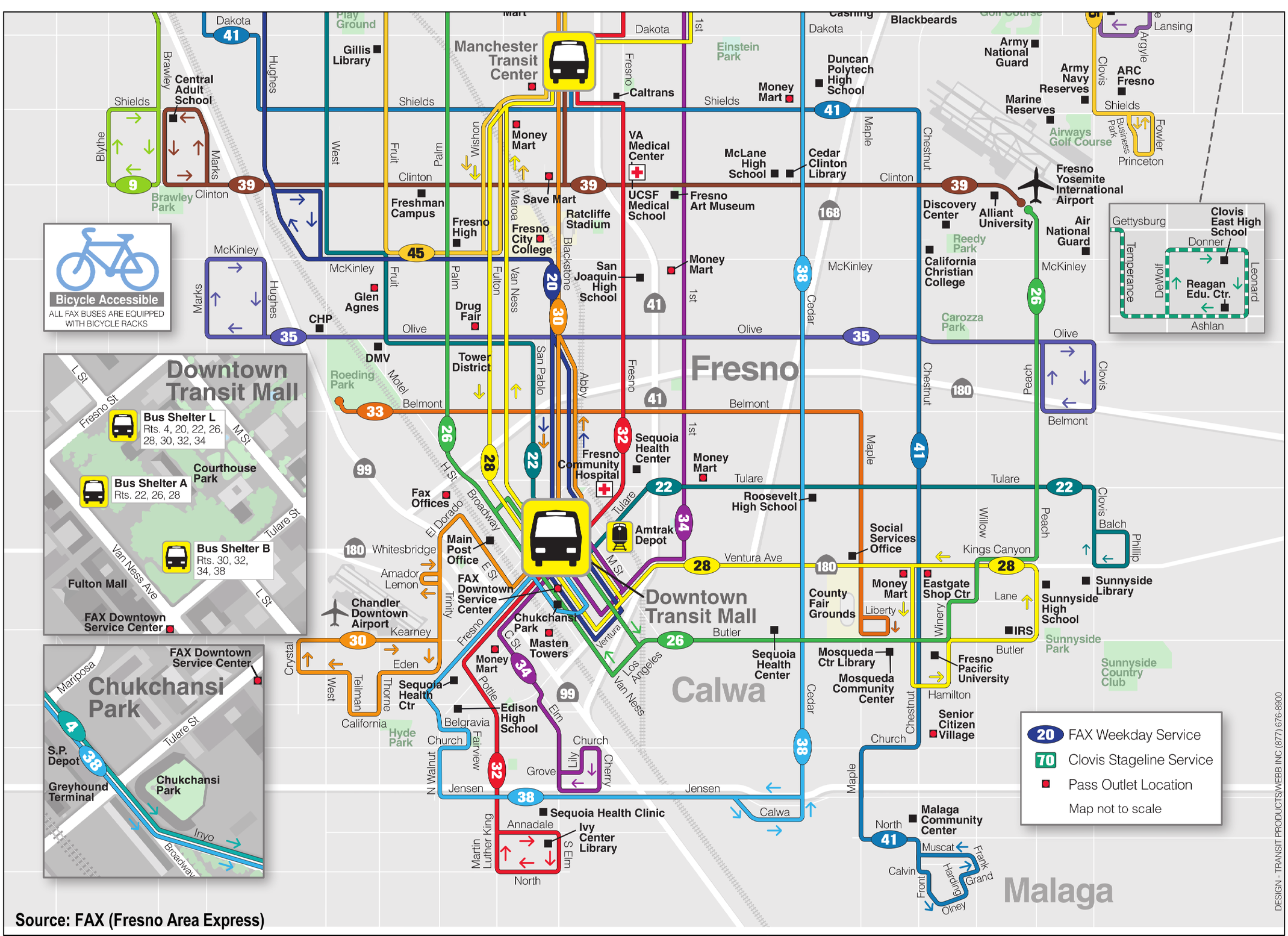
Figure 4.2-5b



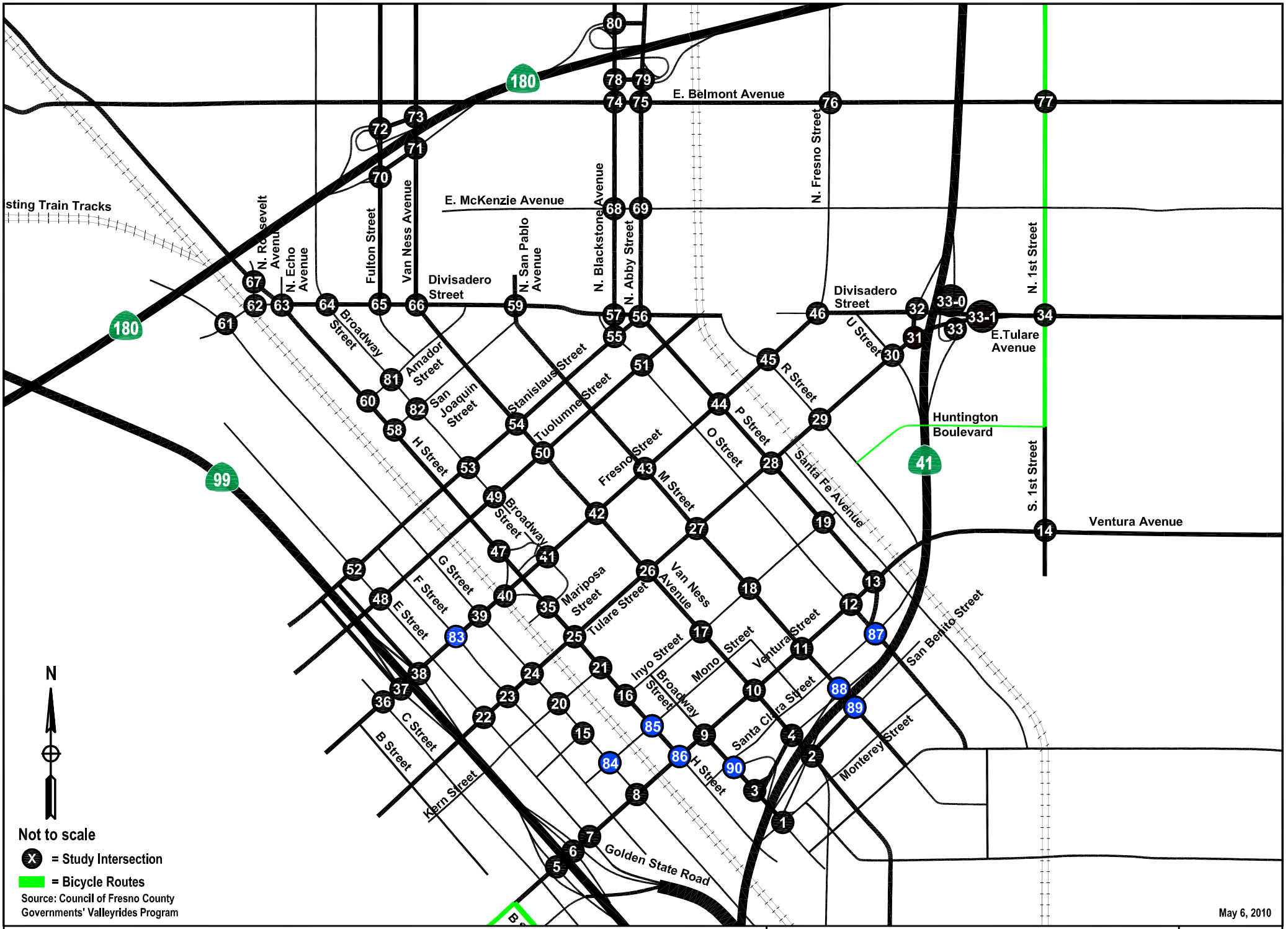
California High-Speed Train Program EIR/EIS

Fresno Station - Existing Intersection Level of Service

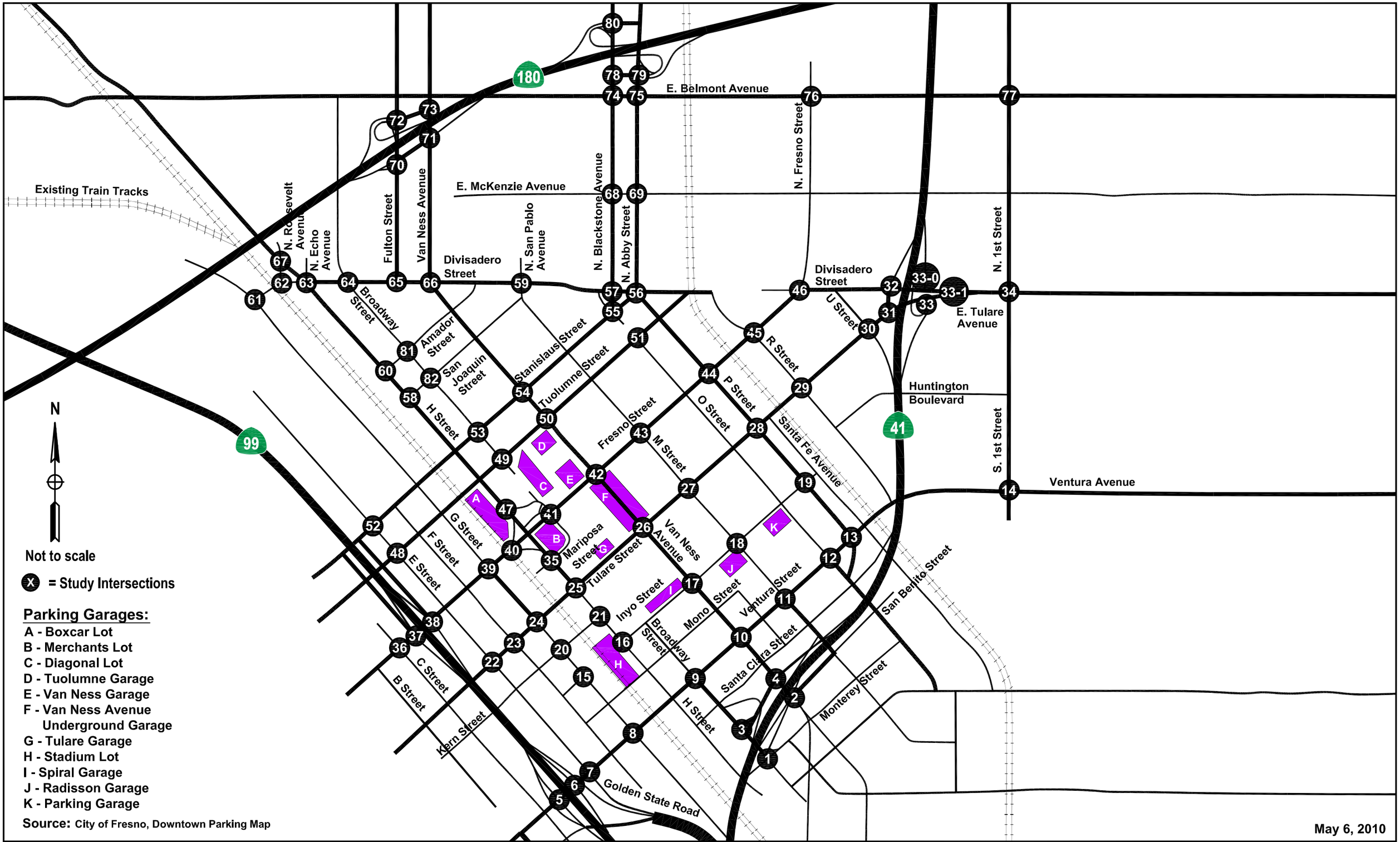
Figure 4.2-5c



California High - Speed Train Program EIR/EIS	**Fresno Station - Connecting Transit Services**	**Figure 4.2-6**

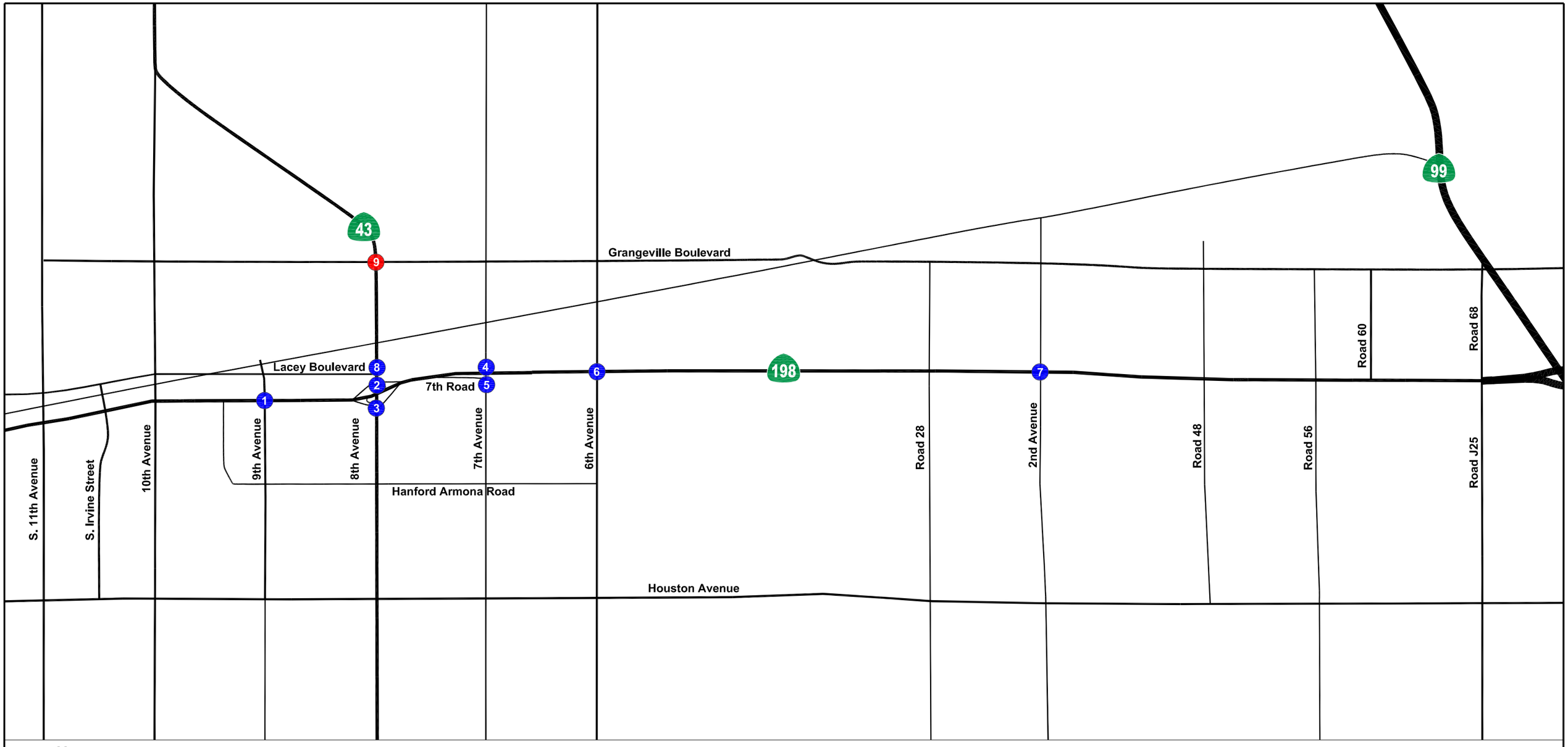


California High - Speed Train Program EIR/EIS	Fresno Station - Existing Bikeways	Figure 4.2-7



May 6, 2010

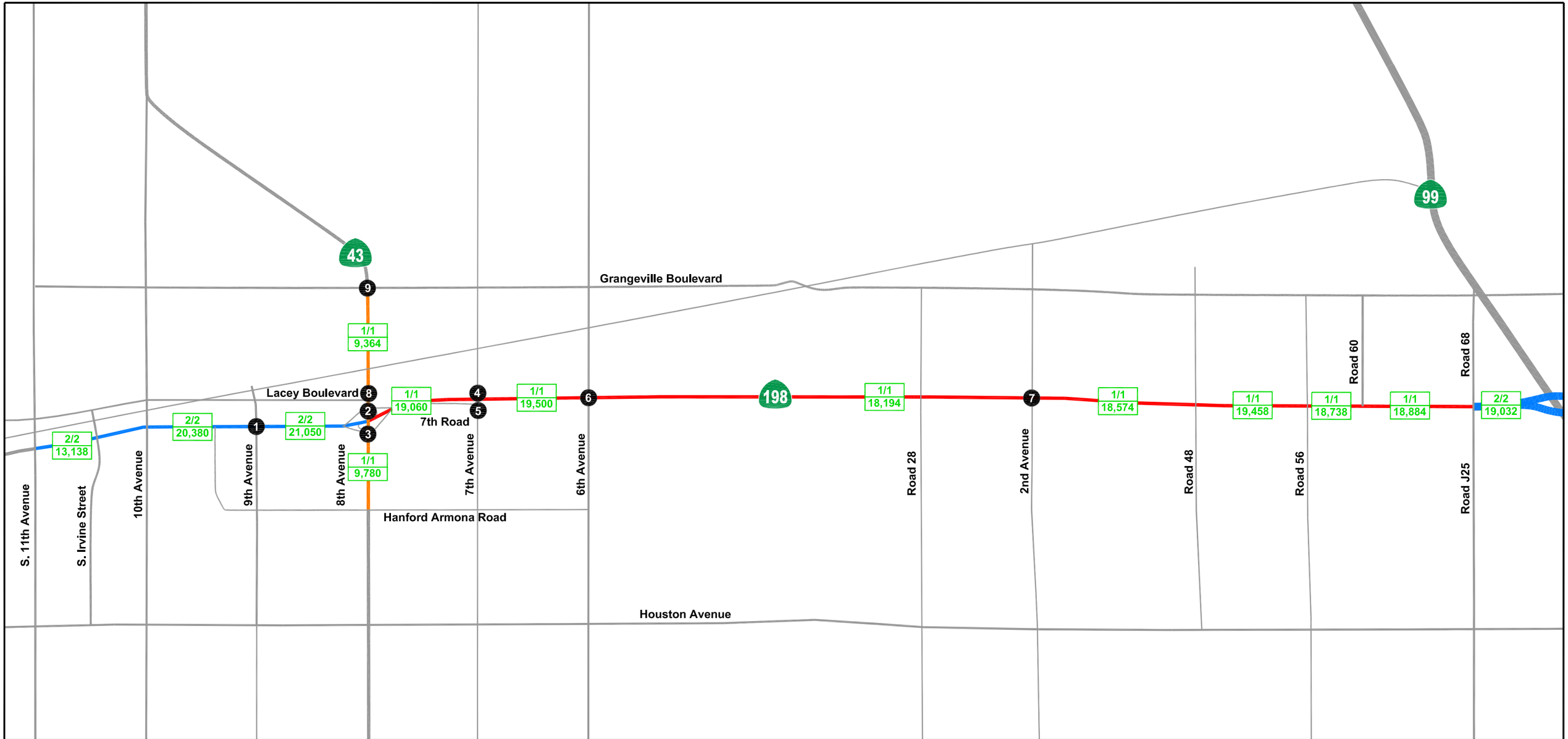
California High-Speed Train Program EIR/EIS	Fresno Station - Parking Facilities	Figure 4.2-8



California High-Speed Train Program EIR/EIS

Study Intersections - Kings/Tulare Regional East Station

Figure 4.3-1



California High-Speed Train Program EIR/EIS	**Average Daily Traffic, Number of Lanes and Speed - Kings/Tulare Regional Station**	**Figure 4.3-2**

N

= Stop Sign
= 4-way Signal
= Signalized Intersection
= Unsignalized Intersection

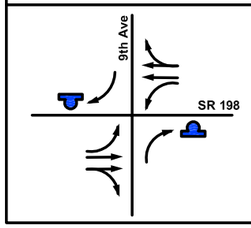
Not to scale

43
99
198

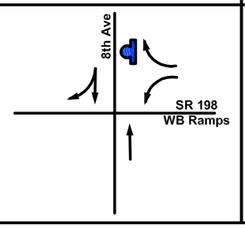
Grangeville Boulevard
Lacey Boulevard
7th Road
Hanford Armona Road
Houston Avenue

S. 11th Avenue
S. Irvine Street
10th Avenue
9th Avenue
8th Avenue
7th Avenue
6th Avenue
Road 28
2nd Avenue
Road 48
Road 56
Road 60
Road 68
Road J25

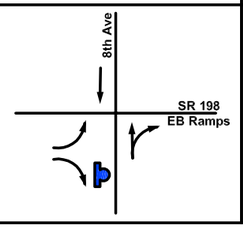
1. 9th Avenue / SR 198



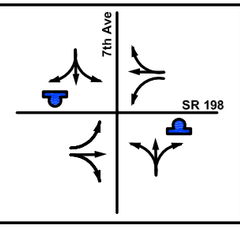
2. 8th Avenue / SR 198 WB Ramps



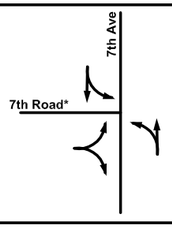
3. 8th Avenue / SR 198 EB Ramps



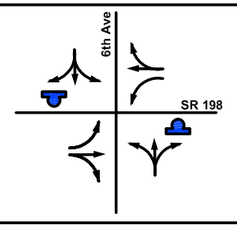
4. 7th Avenue / SR-198



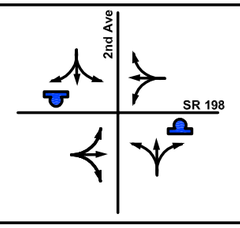
5. 7th Avenue / 7th Road



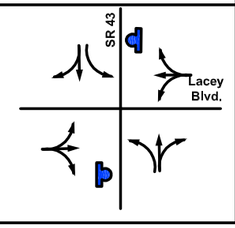
6. 6th Avenue / SR 198



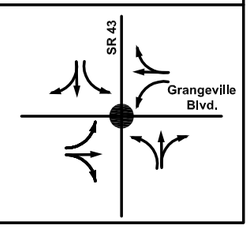
7. 2nd Avenue / SR 198



8. SR 43 / Lacey Boulevard



9. SR 43 / Grangeville Boulevard



Note:
* = Road Closed

California High-Speed Train Program EIR/EIS

Kings/Tulare Regional Station - Existing Lane Geometries

Figure 4.3-3

N

Not to scale

X = Signalized Intersection

X = Unsignalized Intersection

XX(XX) = AM(PM) Peak Hour Volumes

43

99

198

Grangeville Boulevard

Lacey Boulevard

7th Road

Hanford Armona Road

Houston Avenue

S. 11th Avenue

S. Irvine Street

10th Avenue

9th Avenue

8th Avenue

7th Avenue

6th Avenue

Road 28

2nd Avenue

Road 48

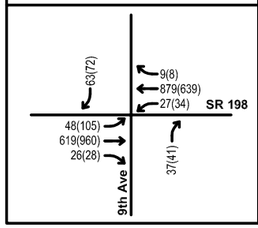
Road 56

Road 60

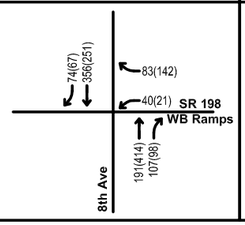
Road 68

Road J25

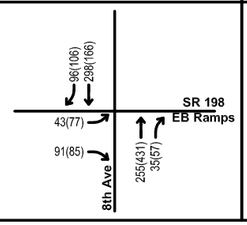
1. 9th Avenue / SR 198



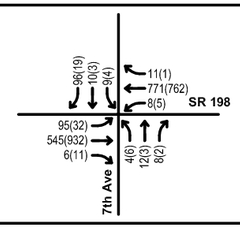
2. 8th Avenue / SR 198 WB Ramps



3. 8th Avenue / SR 198 EB Ramps



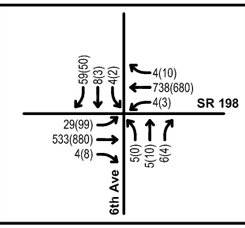
4. 7th Avenue / SR 198



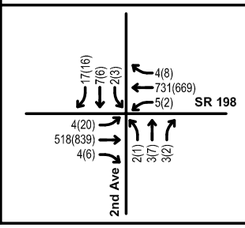
5. 7th Avenue / 7th Road

INTERSECTION NOT TO BE ANALYZED

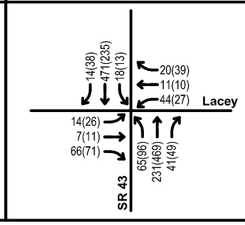
6. 6th Avenue / SR 198



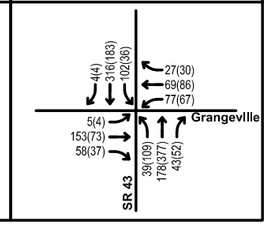
7. 2nd Avenue / SR 198



8. SR 43 / Lacey Boulevard



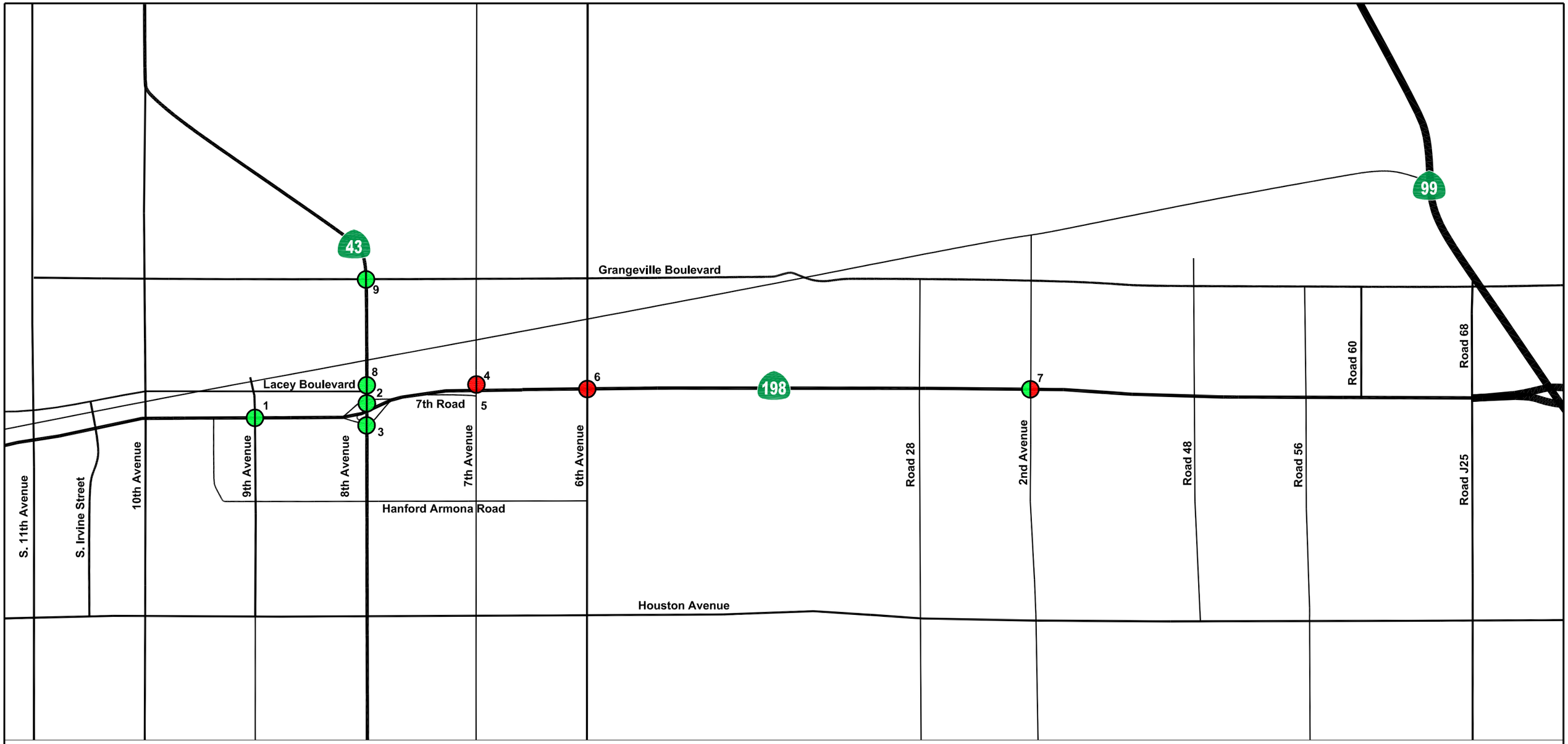
9. SR 43 / Grangeville Boulevard



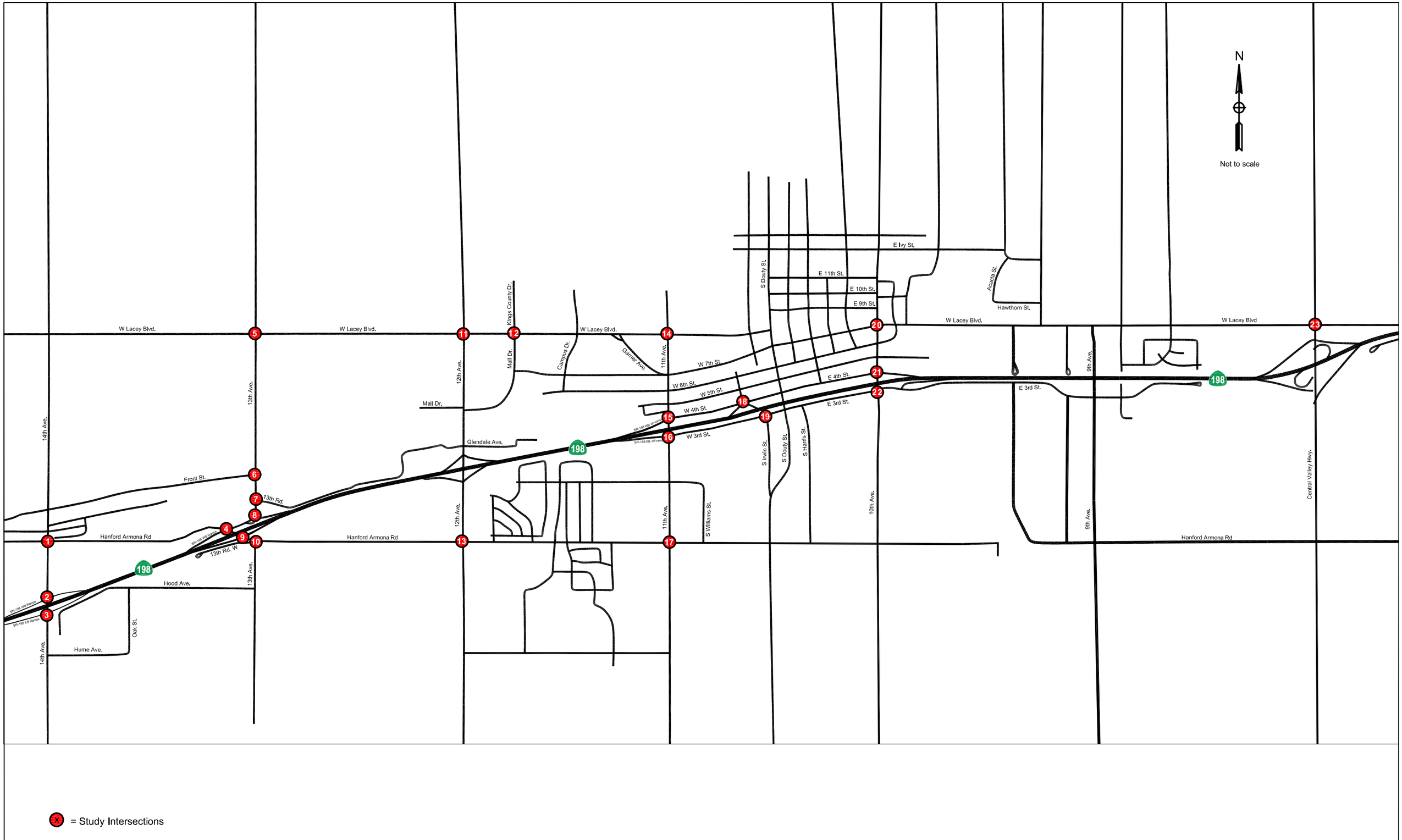
California High-Speed Train Program EIR/EIS

Kings/Tulare Regional Station - Existing Peak Hour Turning Movement Volumes

Figure 4.3-4



California High-Speed Train Program EIR/EIS	Kings/Tulare Regional Station - Intersection Level of Service	Figure 4.3-5



URS

California High-Speed Train Program EIR/EIS

Study Intersections - Kings/Tulare Regional West Station

Figure 4.3-6

N

Not to scale

W Lacey Blvd.
W Lacey Blvd.
W Lacey Blvd.
W Lacey Blvd.
W Lacey Blvd
E Ivy St.
E 11th St.
E 10th St.
E 9th St.
Hawthorn St.
W 7th St.
W 6th St.
W 5th St.
W 4th St.
W 3rd St.
E 4th St.
E 3rd St.
E 3rd St.
Mall Dr.
Mall Dr.
Glendale Ave.
Front St.
13th Rd.
Hanford Armona Rd
Hanford Armona Rd
Hanford Armona Rd
13th Rd. W
Hood Ave.
Hume Ave.
Oak St.
14th Ave.
13th Ave.
12th Ave.
11th Ave.
10th Ave.
9th Ave.
Kings County Dr.
Campus Dr.
Garner Ave.
S Douty St.
S Irwin St.
S Douty St.
S Harris St.
S Williams St.
Acacia St.
Central Valley Hwy.
198
SR-198 WB Ramps
SR-198 EB Ramps
SR-198 WB on-ramp
SR-198 EB off-ramp

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

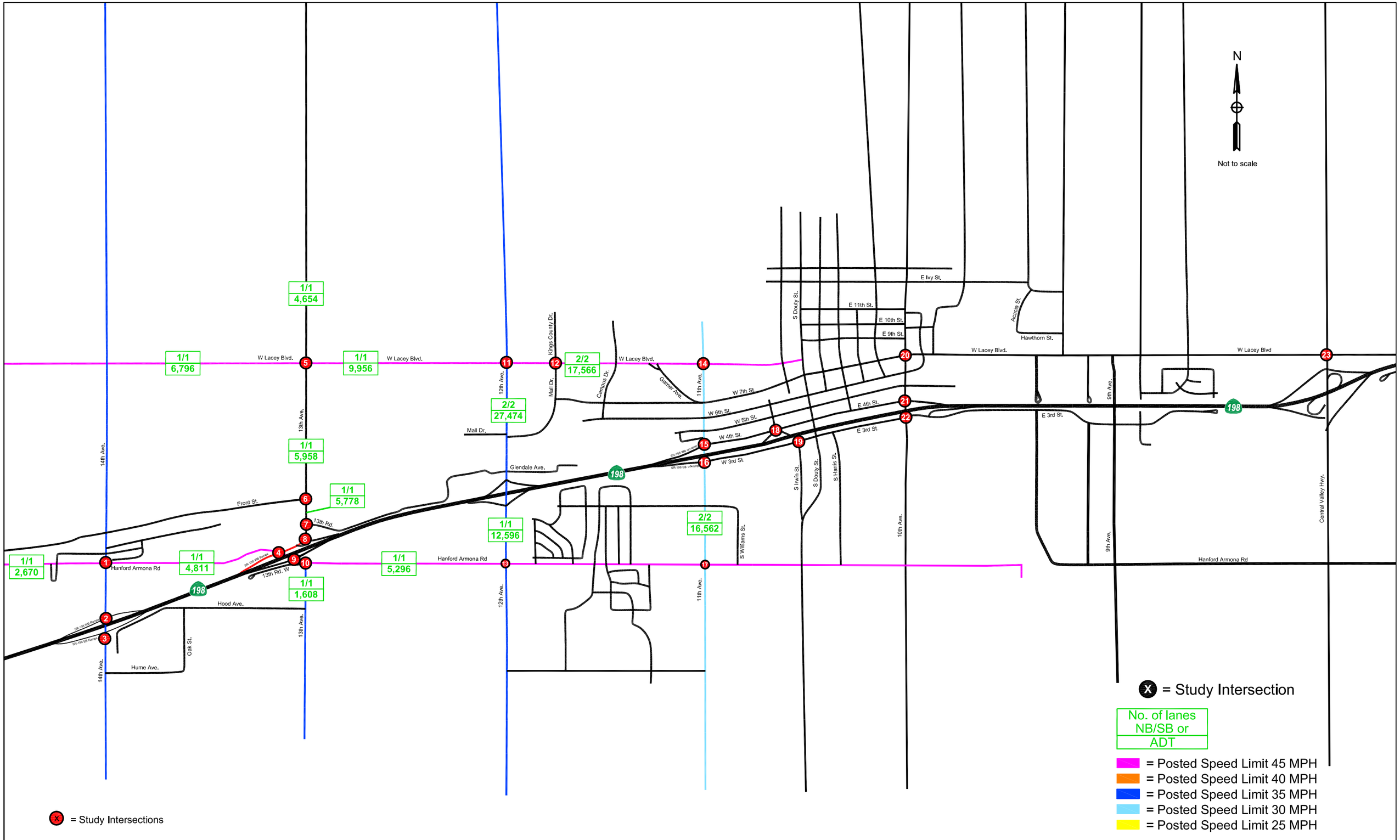
= Study Intersections

URS

California High-Speed Train Program EIR/EIS

Study Intersections - Kings/Tulare Regional West Station

Figure 4.3-6

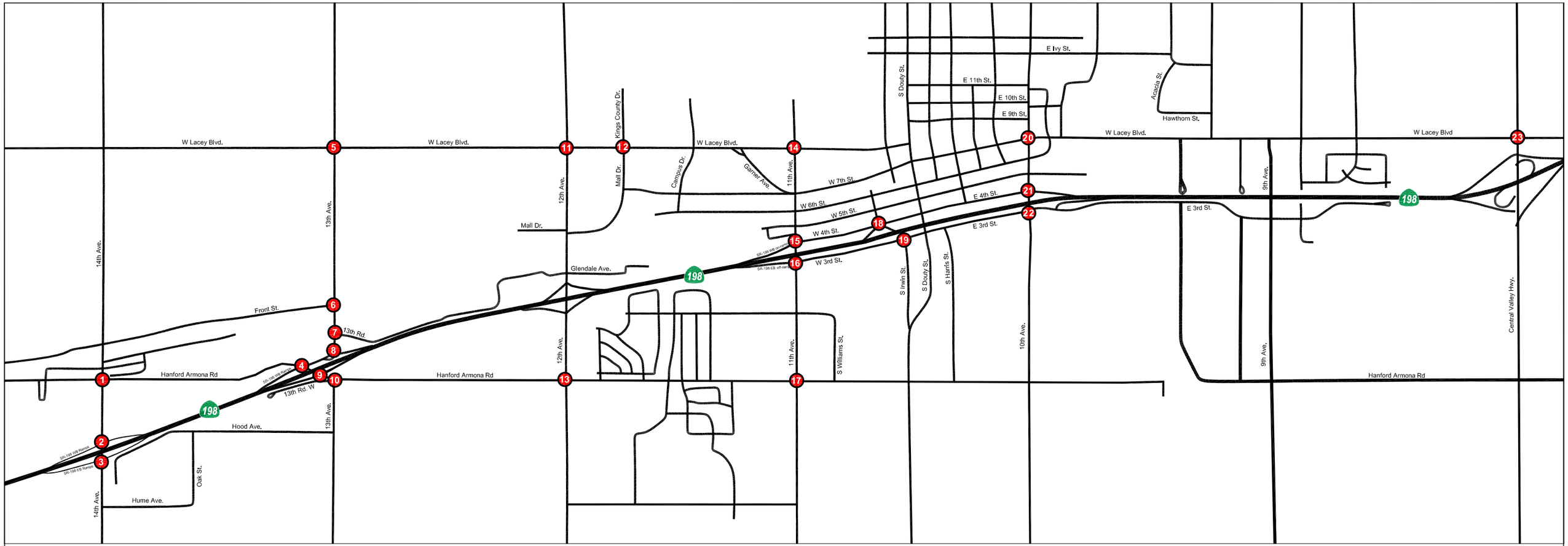


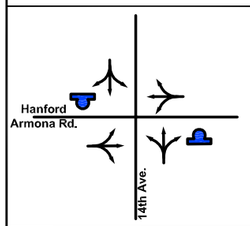
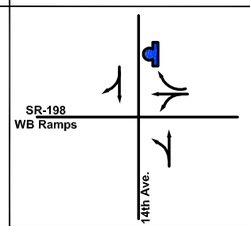
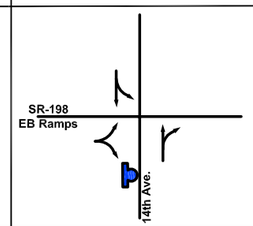
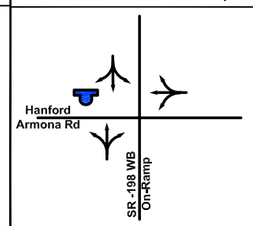
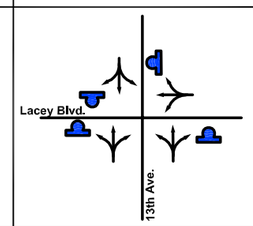
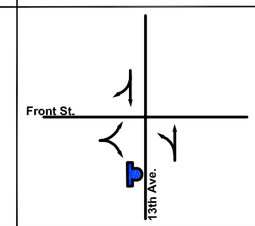
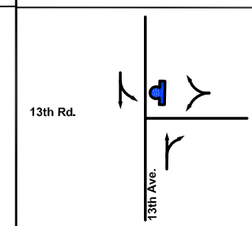
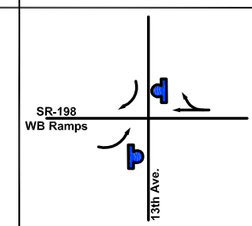
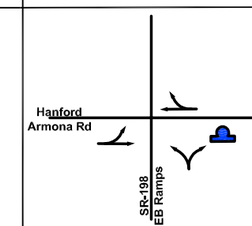
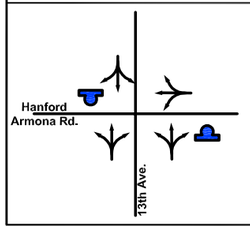
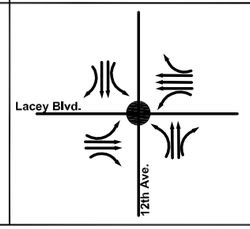
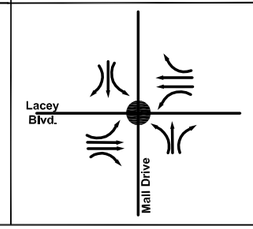
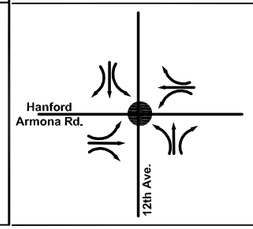
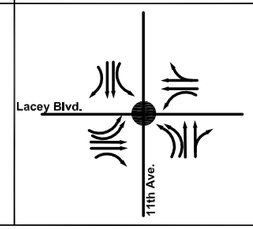
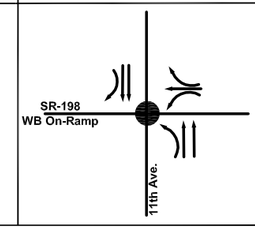
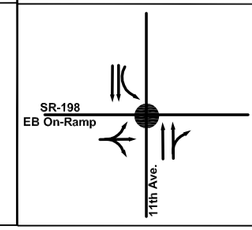
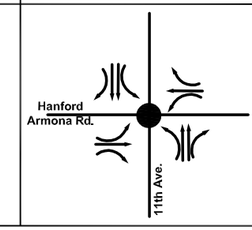
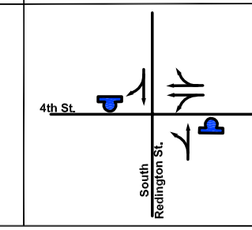
URS

California High-Speed Train Program EIR/EIS

Existing Average Daily Traffic, Number of Lanes and Speed Kings/Tulare Regional West Station

Figure 4.3-7



1. 14th Ave. / Hanford Armona Rd	2. 14th Ave. / SR-198 WB Ramps	3. 14th Ave. / SR 198 EB Ramps	4. Hanford Armona Rd./13th Ave./SR 198 WB On-Ramp	5. 13th Ave. / Lacey Blvd.	6. 13th Ave. / Front Street	7. 13th Ave. / 13th Rd.	8. 13th Ave. / SR-198 WB Ramps	9. 13th Ave. / SR-198 EB Ramps
								
10. Handford Armona Rd. / 13th Ave	**11. 12th Ave. / Lacey Blvd.**	**12. Mall Drive / Lacey Blvd.**	**13. 12th Ave / Hanford Armona Rd.**	**14. 11th Ave. / Lacey Blvd.**	**15.11th Ave. / SR-198 WB On-Ramp**	**16. 11th Ave. / SR-198 EB Off-Ramp**	**17. 11th Ave. / Hanford Armona Rd.**	**18. South Redington St. / 4th St.**
								

(x) = Study Intersections

AM(PM) = Existing Turning Movement Volumes

N

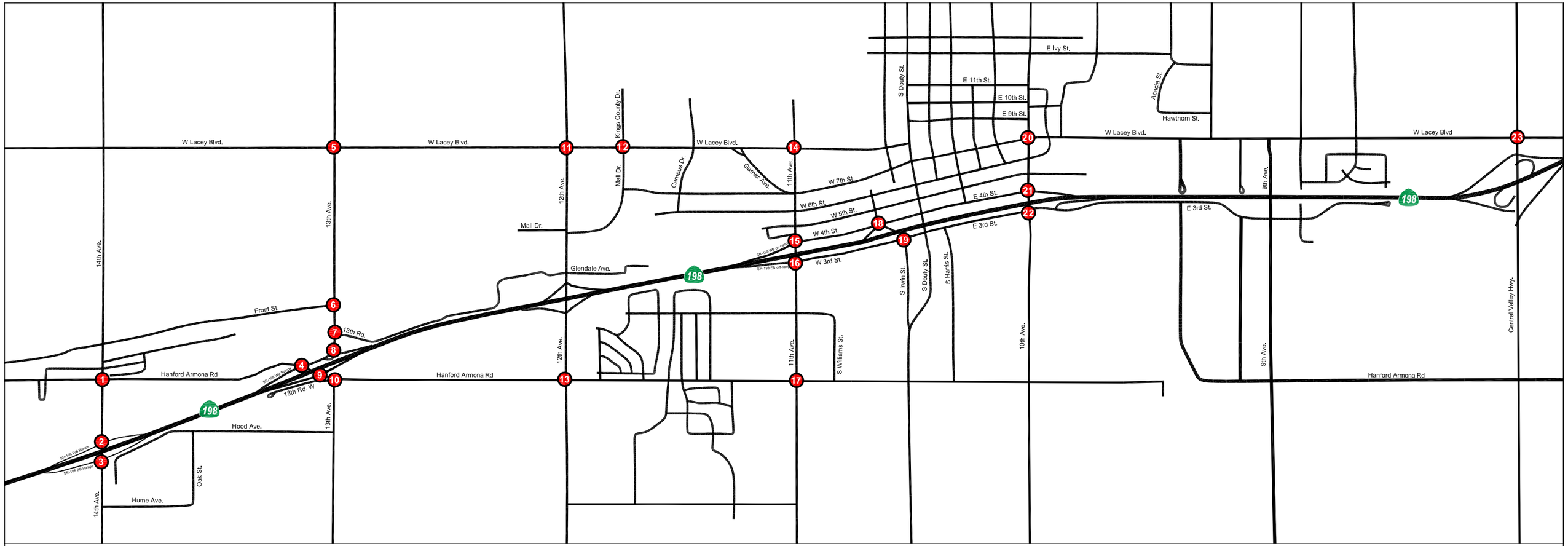
Not to scale

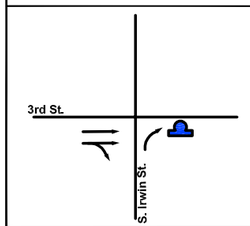
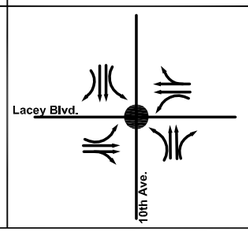
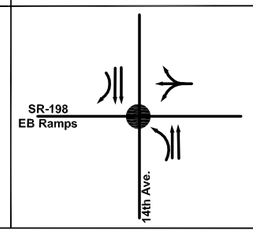
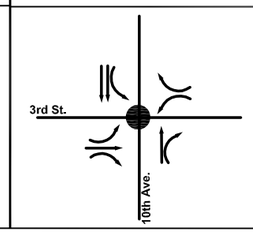
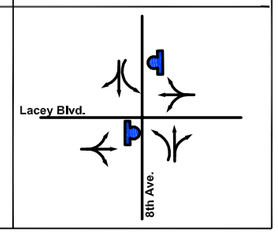
URS

California High-Speed Train Program EIR/EIS

Kings/Tulare Regional West Station - Existing Lane Geometries

Figure 4.3-8a



19. South Irwin St. / 3rd St.	20. 10th Ave./E Lacey Blvd.	21. S 10th Ave./ E 4th St./ SR 198 WB Off-Ramp	22. 10th Ave. / 3rd St.	23. 8th Ave. / Lacey Blvd.
				

(X) = Study Intersections

AM(PM) = Existing Turning Movement Volumes

N

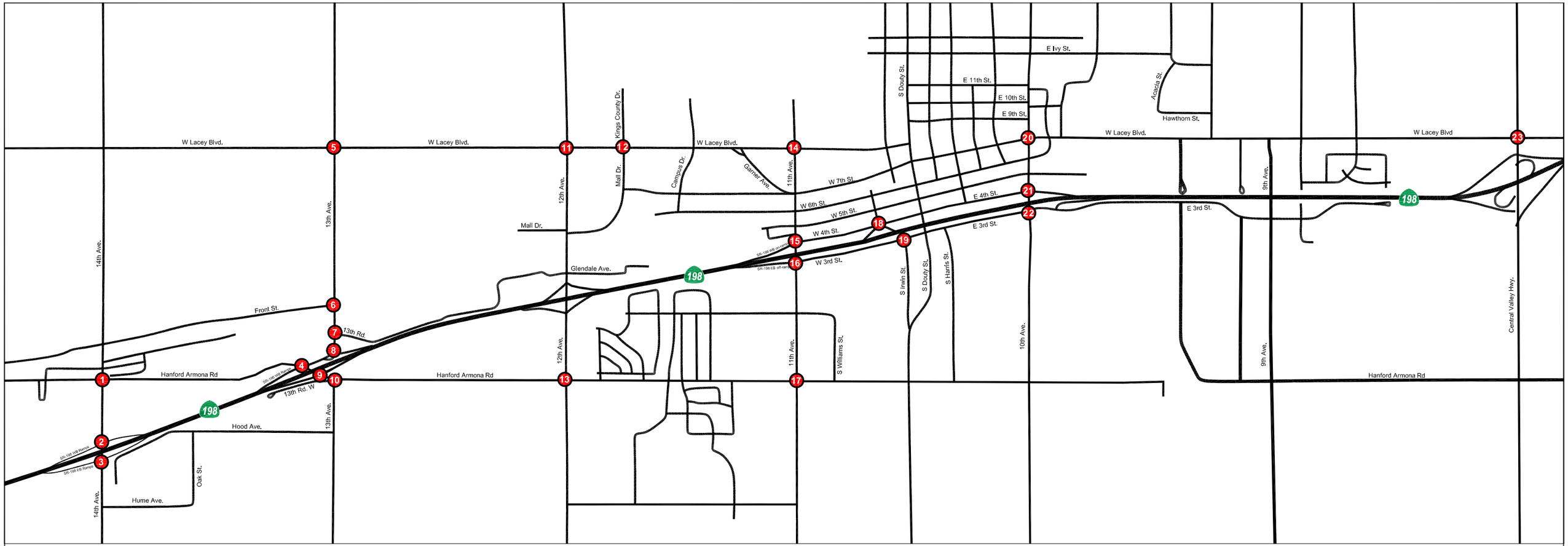
Not to scale

URS

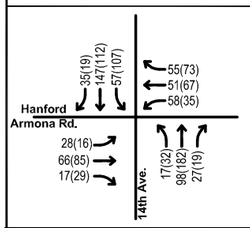
California High-Speed Train Program EIR/EIS

Kings/Tulare Regional West Station - Existing Lane Geometries

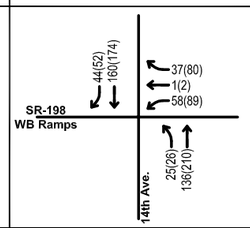
Figure 4.3-8b



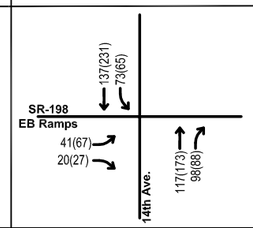
1. 14th Ave. / Hanford Armona Rd



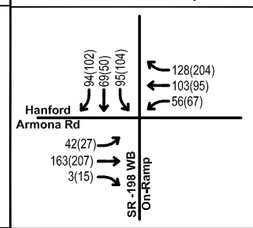
2. 14th Ave. / SR-198 WB Ramps



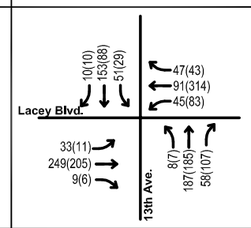
3. 14th Ave. / SR 198 EB Ramps



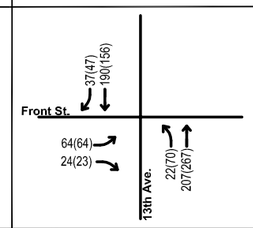
4.Hanford Armona Rd./13th Ave./SR 198 WB On-Ramp



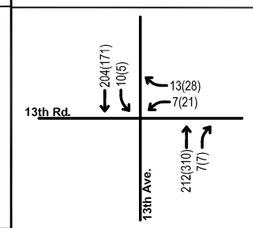
5. 13th Ave. / Lacey Blvd.



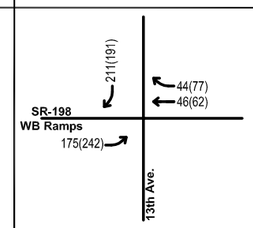
6. 13th Ave. / Front Street



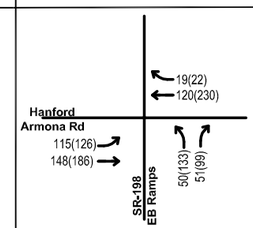
7. 13th Ave. / 13th Rd.



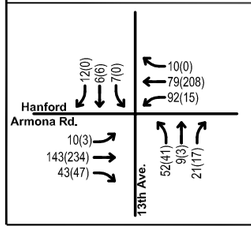
8. 13th Ave. / SR-198 WB Ramps



9. 13th Ave. / SR-198 EB Ramps



10. Handford Armona Rd. / 13th Ave



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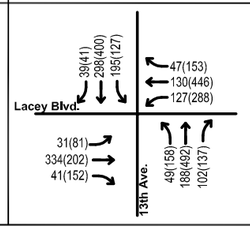

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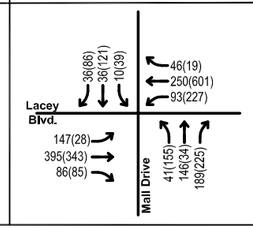
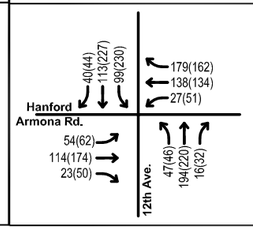


13. 12th Ave / Hanford Armona Rd.



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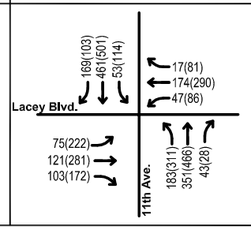
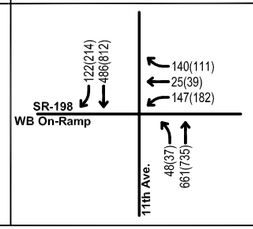


15.11th Ave. / SR-198 WB On-Ramp



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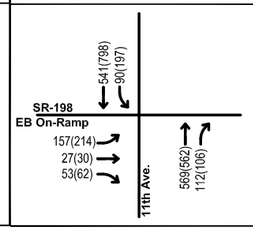
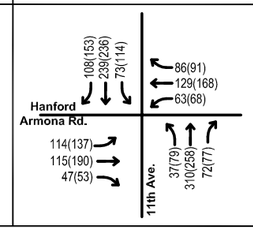
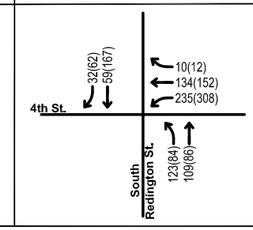


17. 11th Ave. / Hanford Armona Rd.



18. South Redington St. / 4th St.



(X) = Study Intersections

AM(PM) = Existing Turning Movement Volumes

N

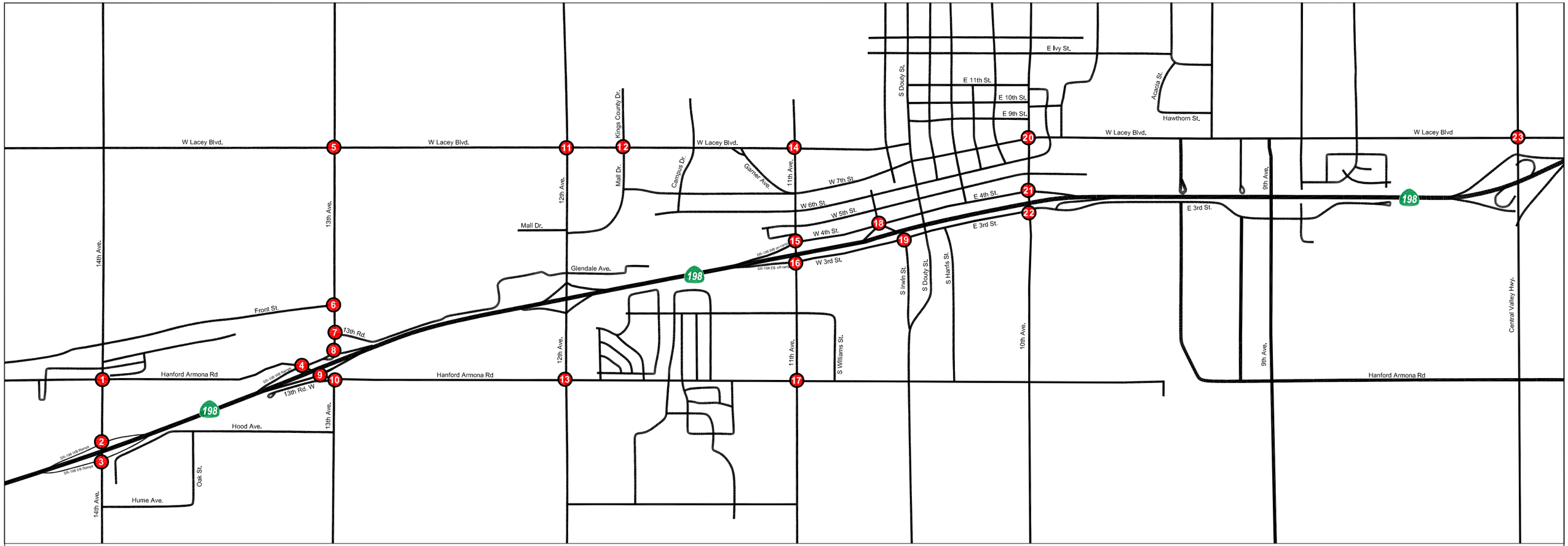
Not to scale

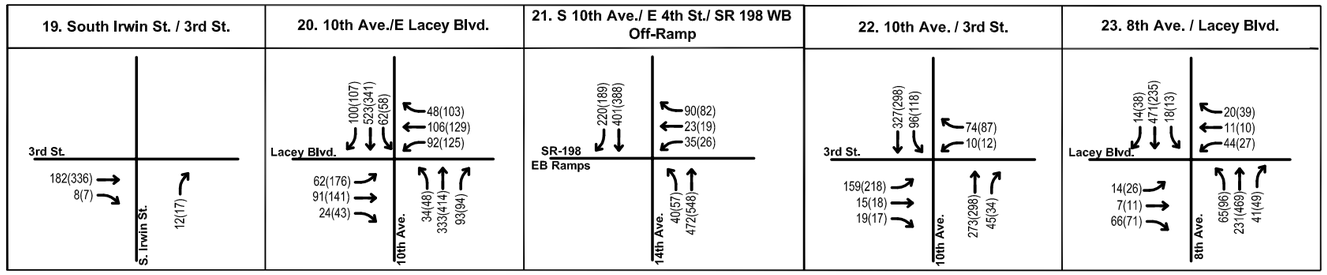
URS

California High-Speed Train Program EIR/EIS

Kings/Tulare Regional West Station - Existing Peak Hour Turning Movement Volumes

Figure 4.3-9a





X = Study Intersections

AM(PM) = Existing Turning Movement Volumes

N

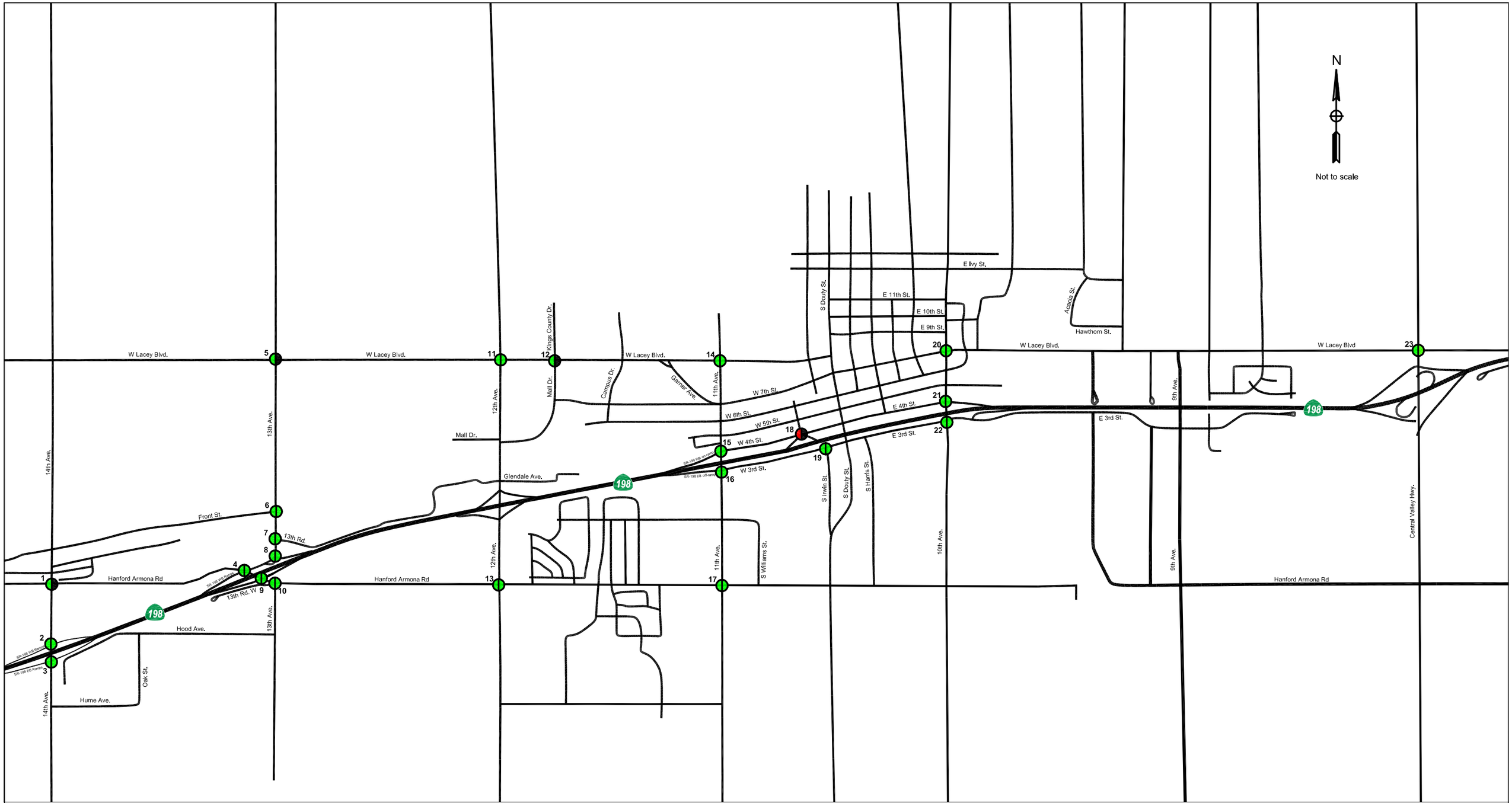
Not to scale

URS

California High-Speed Train Program EIR/EIS

Kings/Tulare Regional West Station - Existing Peak Hour Turning Movement Volumes

Figure 4.3-9b



URS

California High-Speed Train Program EIR/EIS

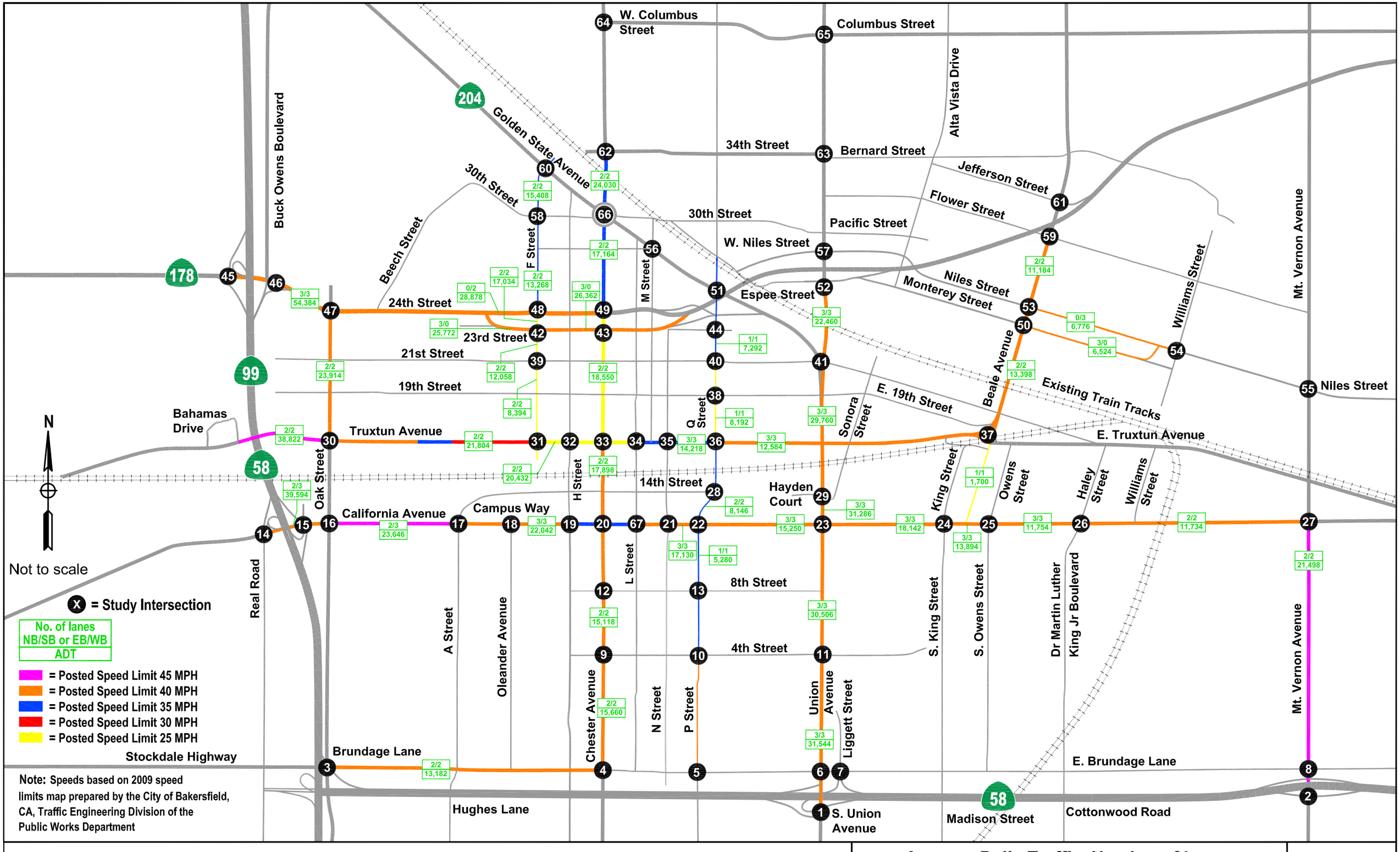
Kings/Tulare Regional West Station - -Existing Intersection Level of Service

Figure 4.3-10

California High-Speed Train Program EIR/EIS

Study Intersections - Bakersfield Station

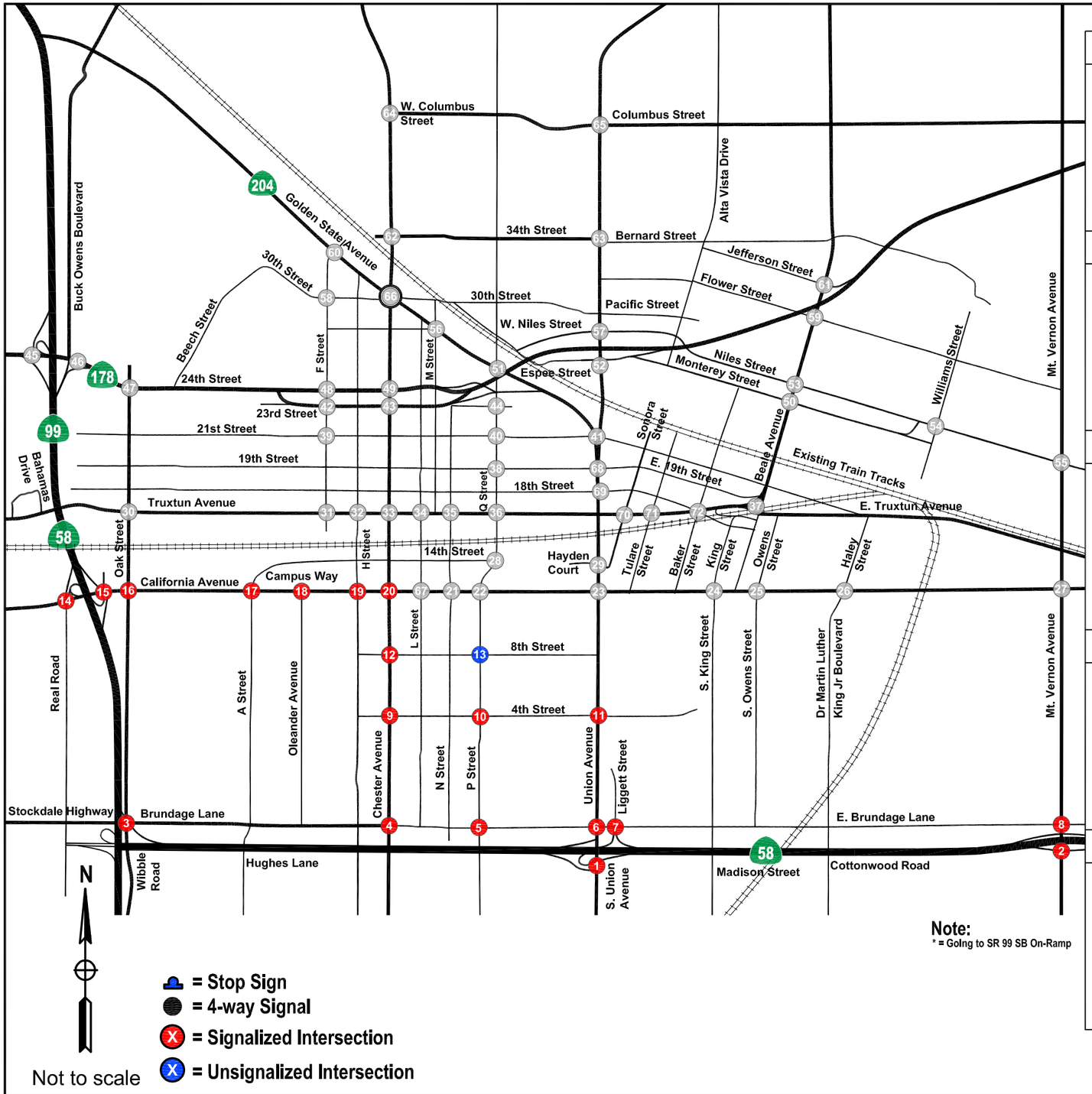
Figure 4.4-1

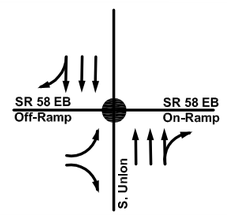
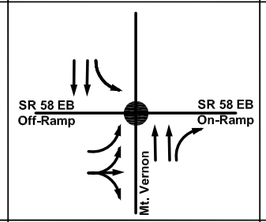
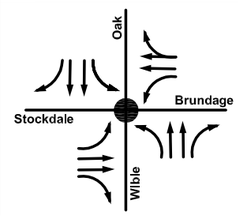
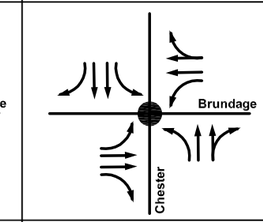
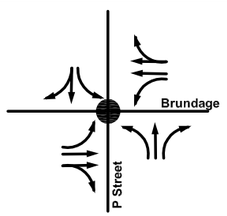
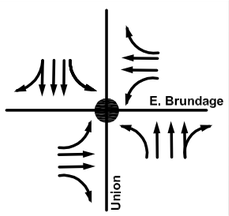
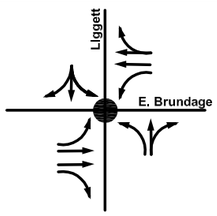
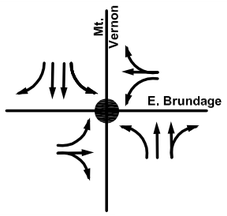
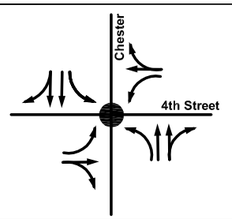
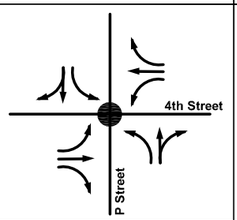
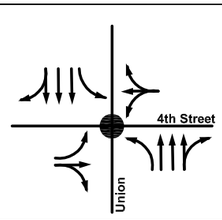
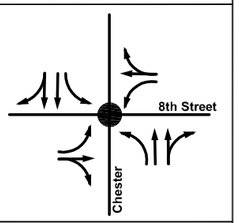
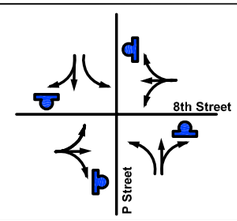
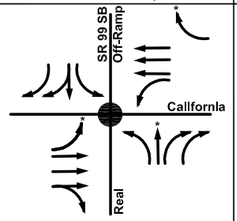
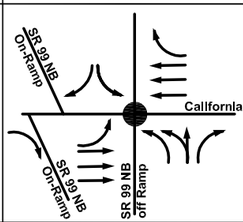
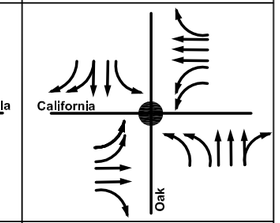
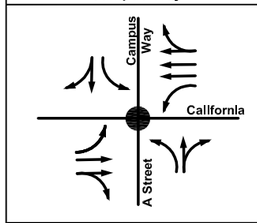
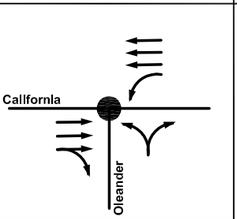
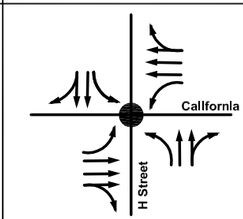
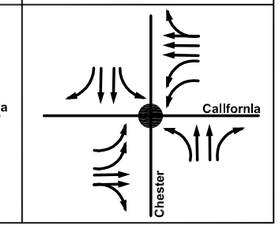


California High-Speed Train Program EIR/EIS

Average Daily Traffic, Number of Lanes & Speed - Bakersfield Station

Figure 4.4-2

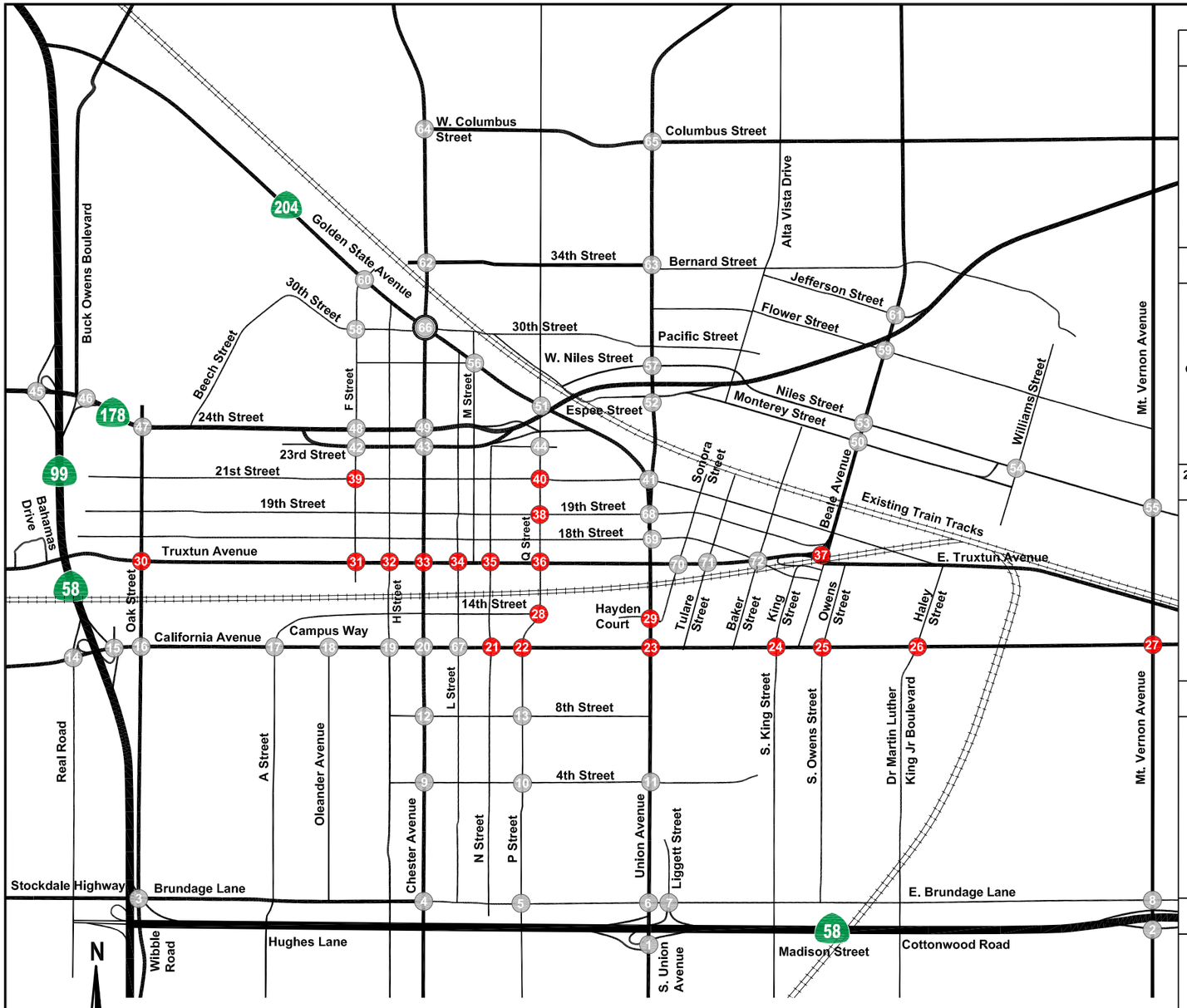


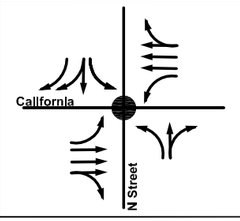
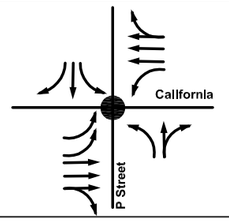
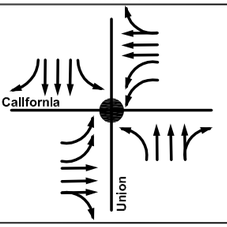
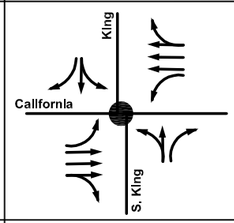
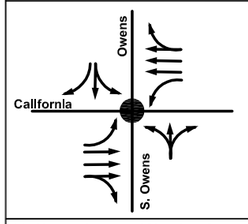
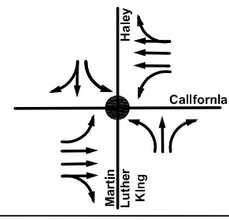
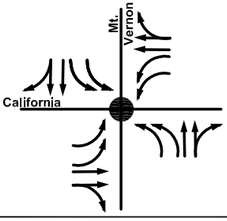
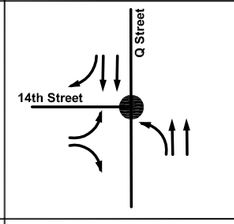
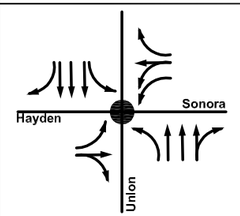
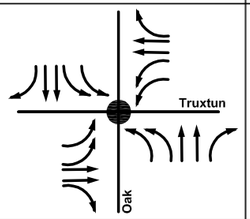
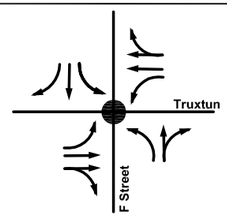
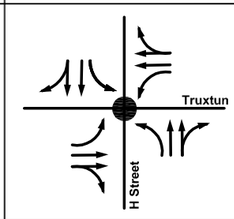
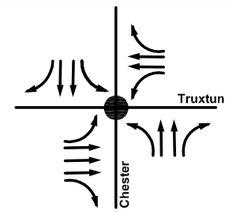
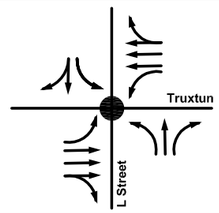
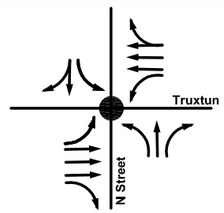
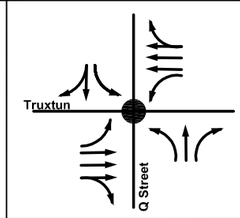
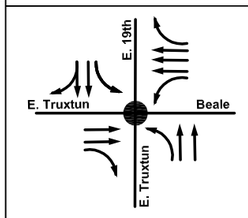
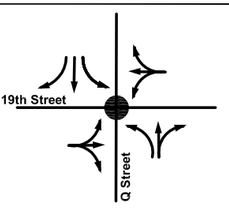
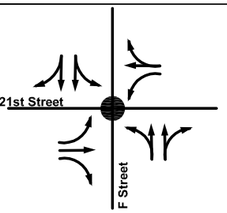
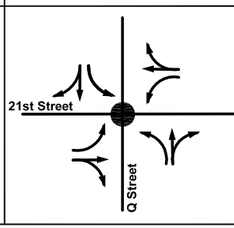
1. S. Union Avenue / SR 58 EB Ramps	2. Mt. Vernon Avenue / SR 58 EB Ramps	3. Wible Road / Oak Street / Brundage Lane/Stockdale Highway	4. Chester Avenue / Brundage Ln
			
5. P Street / Brundage Lane	**6. Union Avenue / E. Brundage Lane**	**7. Liggett Street / E. Brundage Lane**	**8. Mt. Vernon Avenue / E. Brundage Lane**
			
9. Chester Avenue / 4th Street	**10. P Street / 4th Street**	**11. Union Avenue / 4th Street**	**12. Chester Avenue / 8th Street**
			
13. P Street / 8th Street	**14. Real Road / California Avenue / SR 99 SB Ramps**	**15. SR 99 NB Ramps / California Avenue**	**16. Oak Street / California Avenue**
			
17. A Street / California Avenue / Campus Way	**18. Oleander Avenue / California Avenue**	**19. H Street / California Avenue**	**20. Chester Avenue / California Avenue**
			

California High-Speed Train Program EIR/EIS

Bakersfield Station - Existing Lane Geometries

Figure 4.4-3a

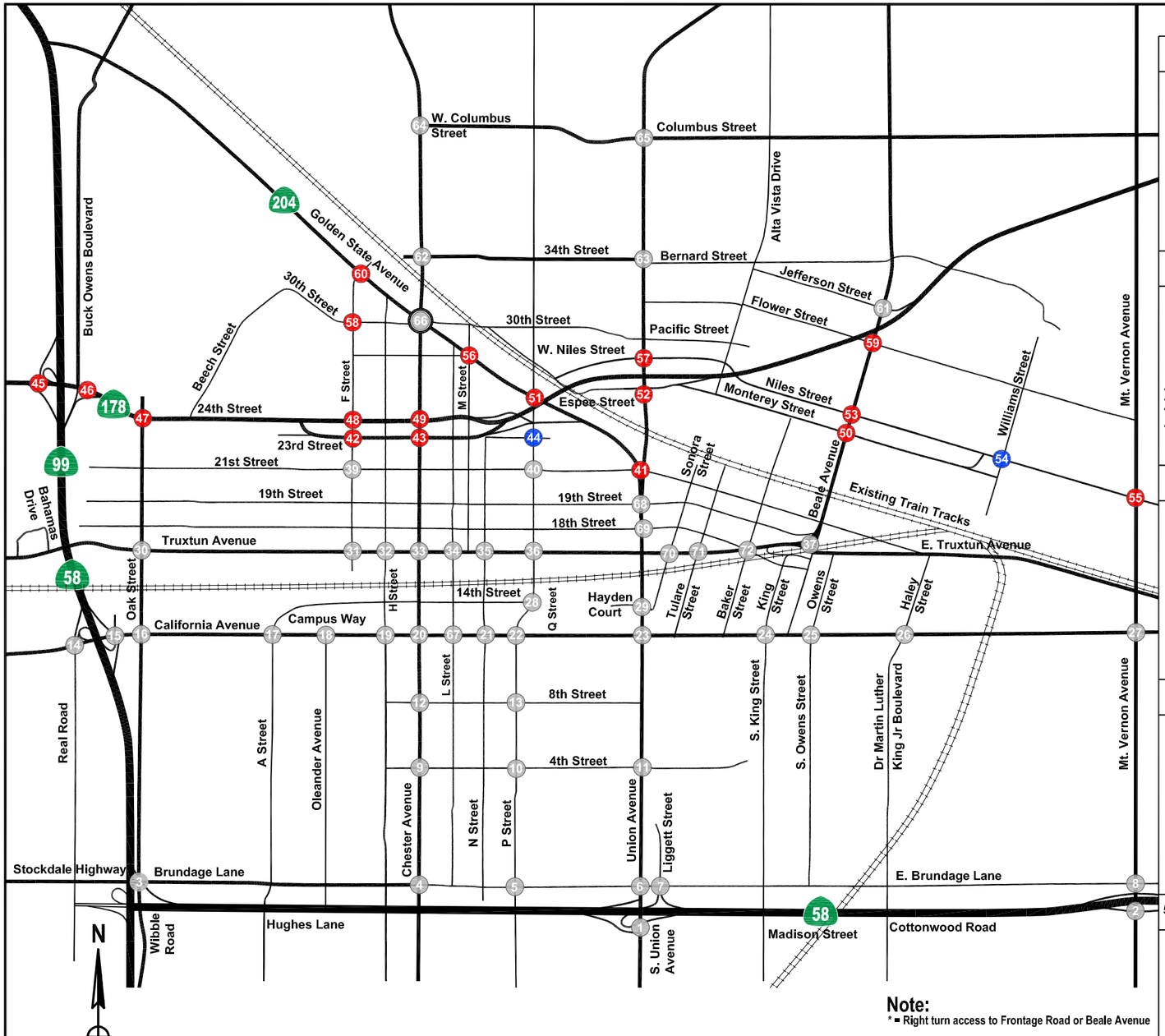


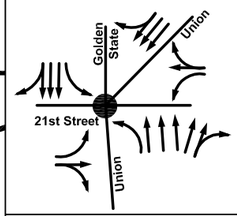
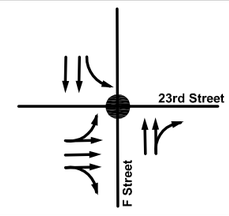
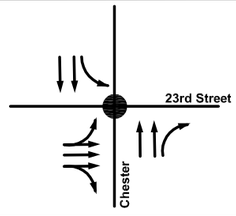
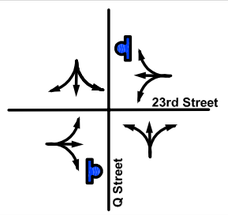
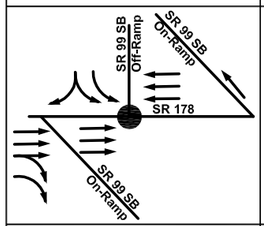
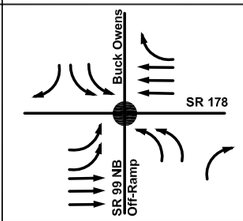
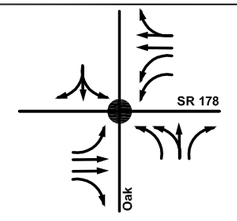
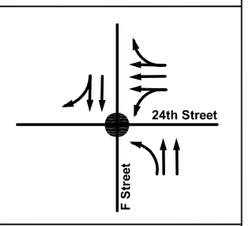
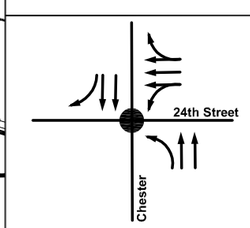
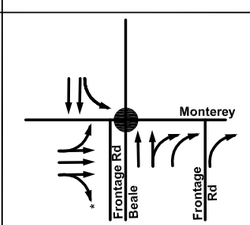
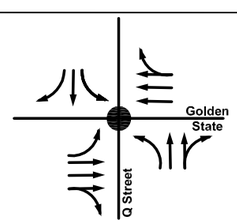
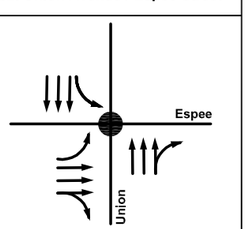
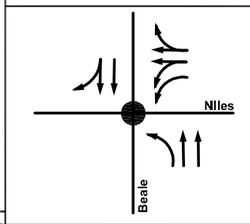
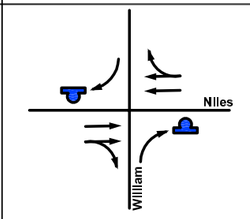
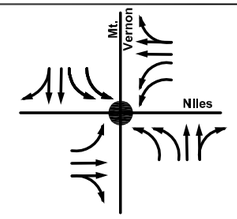
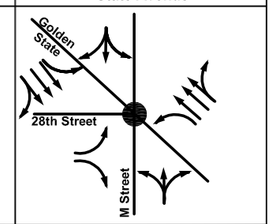
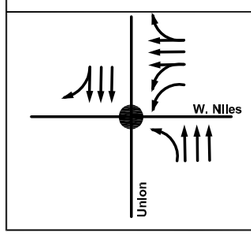
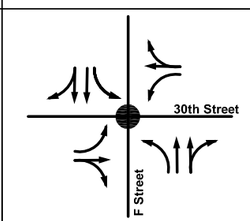
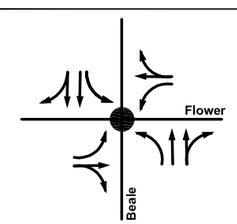
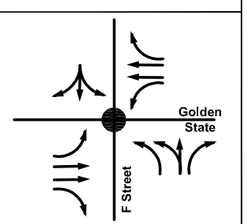
21. N Street / California Avenue	22. P Street / California Avenue	23. Union Avenue / California Avenue	24. King Street / California Avenue
			
25. Owens Street / California Avenue	**26. Dr Martin Luther King Jr Blvd / Haley Street / California Avenue**	**27. Mt. Vernon Avenue / California Avenue**	**28. Q Street / 14th Street**
			
29. Union Avenue / Hayden Court / Sonora Street	**30. Oak Street / Truxtun Avenue**	**31. F Street / Truxtun Avenue**	**32. H Street / Truxtun Avenue**
			
33. Chester Avenue / Truxtun Avenue	**34. L Street / Truxtun Avenue**	**35. N Street / Truxtun Avenue**	**36. Q Street / Truxtun Avenue**
			
37. E. Truxtun Avenue / Beale Avenue / E. 19th Street	**38. Q Street / 19th Street**	**39. F Street / 21st Street**	**40. Q Street / 21st Street**
			

California High-Speed Train Program EIR/EIS

Bakersfield Station - Existing Lane Geometries

Figure 4.4-3b

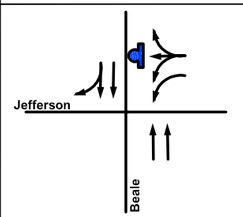
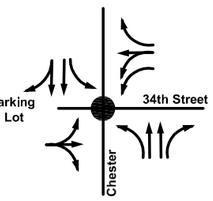
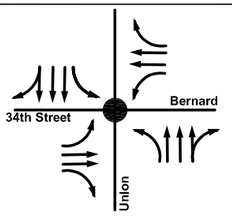
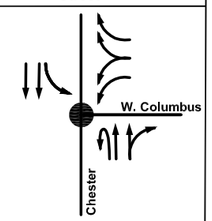
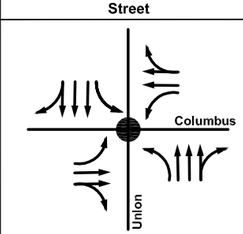
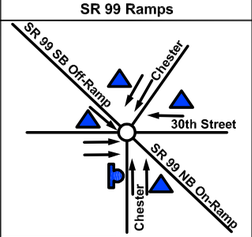
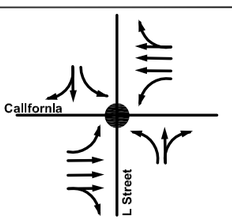
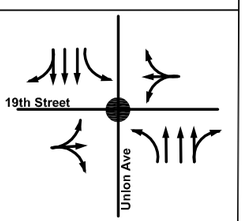
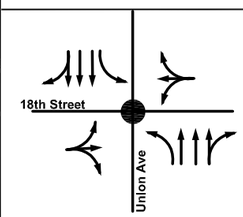
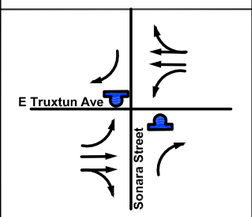
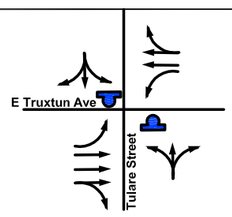
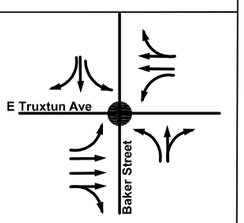


41. Union Avenue / Golden State Avenue / 21st Street	42. F Street / 23rd Street	43. Chester Avenue / 23rd Street	44. Q Street / 23rd Street
			
45. SR 178 / SR 99 SB Ramps	**46. SR 178 / SR 99 NB Off-Ramp / Buck Owens Blvd**	**47. Oak Street / SR 178**	**48. F Street / 24th Street**
			
49. Chester Avenue / 24th Street	**50. Beale Avenue / Monterey Street**	**51. Q Street / Golden State Avenue**	**52. Union Avenue / Espee Street**
			
53. Beale Avenue / Niles Street	**54. Williams Street / Niles Street**	**55. Mt Vernon Avenue / Niles Street**	**56. M Street / 28th Street / Golden State Avenue**
			
57. Union Avenue / W. Niles Street	**58. F Street / 30th Street**	**59. Beale Avenue / Flower Street**	**60. F Street / Golden State Avenue**
			

California High-Speed Train Program EIR/EIS

Bakersfield Station - Existing Lane Geometries

Figure 4.4-3c

61. Beale Avenue / Jefferson Street	62. Chester Avenue / 34th Street	63. Union Avenue / 34th Street / Bernard Street	64. Chester Avenue / W. Columbus Street
			
65. Union Avenue / Columbus Street	**66. Chester Avenue / 30th Street / SR 99 Ramps**	**67. L Street / Callfornla Avenue**	**68.Union Ave / 19th Street**
			
69. Union Avenue / 18th Street	**70. Sonara Street / E Truxtun Ave**	**71. Tulare Street / E Truxtun Ave**	**72.Baker Street / E Truxtun Ave**
			

California High-Speed Train Program EIR/EIS

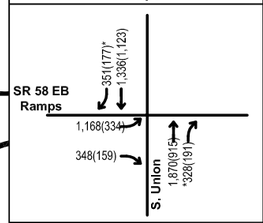
Bakersfield Station - Existing Lane Geometries

Figure 4.4-3d

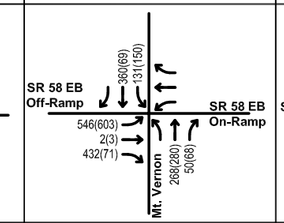
Note:
*XX(XX) Volume going to SR 58 EB On-Ramp
**XX(XX) Volume going to SR 99 SB On-Ramp
***XX(XX) Volume going to SR 99 NB On-Ramp

X = Signalized Intersection
X = Unsignalized Intersection
Not to scale XX(XX) = AM(PM) Peak Hour Volumes

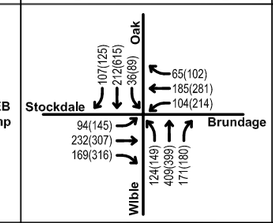
1. S. Union Avenue / SR 58 EB Ramps



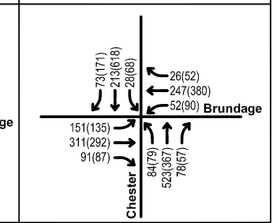
2. Mt. Vernon Avenue / SR 58 EB Ramps



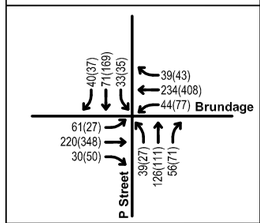
3. Wible Road / Oak Street / Brundage Lane/Stockdale HIghway



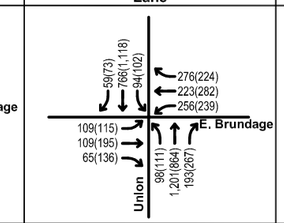
4. Chester Avenue / Brundage Lane



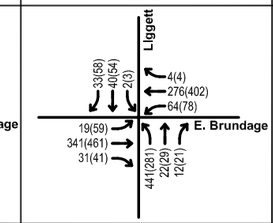
5. P Street / Brundage Lane



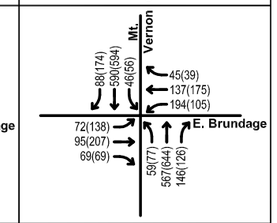
6. Union Avenue / E. Brundage Lane



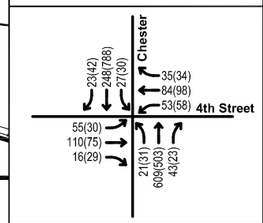
7. Liggett Street / E. Brundage Lane



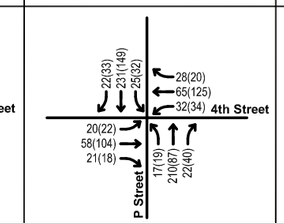
8. Mt. Vernon Avenue / E. Brundage Lane



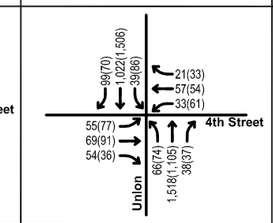
9. Chester Avenue / 4th Street



10. P Street / 4th Street



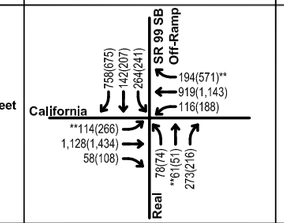
11. Union Avenue / 4th Street



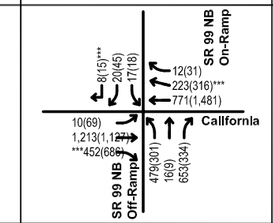
12. Chester Avenue / 8th Street

13. P Street / 8th Street

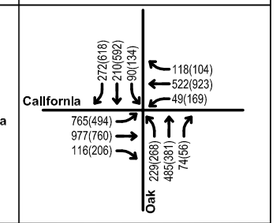
14. Real Road / Callfornia Avenue / SR 99 SB Ramps



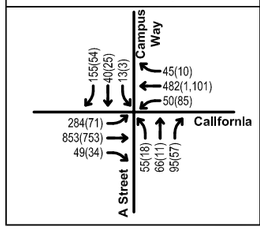
15. SR 99 NB Ramps / California Avenue



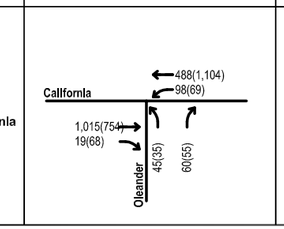
16. Oak Street / California Avenue



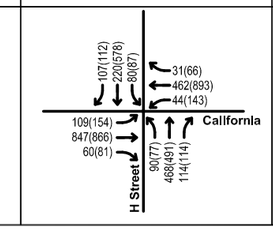
17. A Street / California Avenue / Campus Way



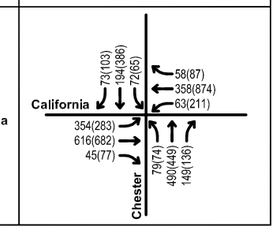
18. Oleander Avenue / California Avenue



19. H Street / California Avenue



20. Chester Avenue / California Avenue

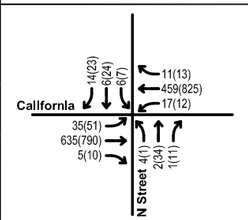


California High-Speed Train Program EIR/EIS

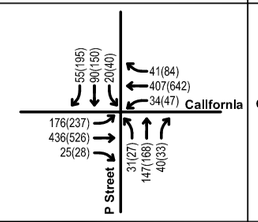
Bakersfield Station - Existing Peak Hour Turning Movement Volumes

Figure 4.4-4a

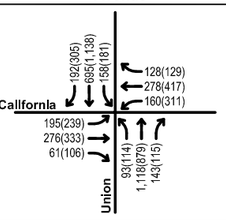
21. N Street / California Avenue



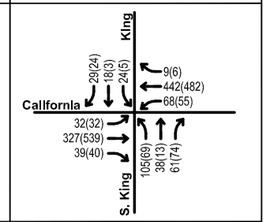
22. P Street / California Avenue



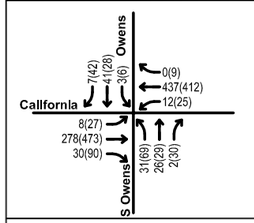
23. Union Avenue / California Avenue



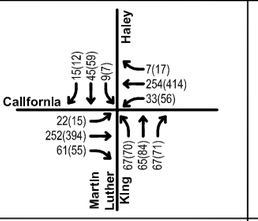
24. King Street / California Avenue



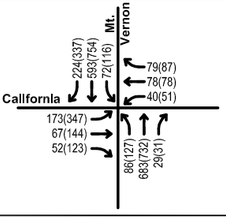
25. Owens Street / California Avenue



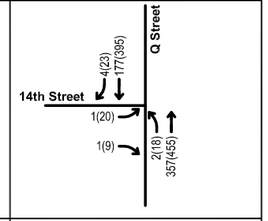
26. Dr Martin Luther King Jr Blvd / Haley Street / California Avenue



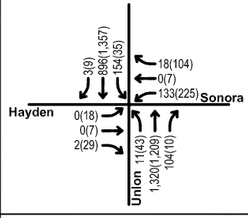
27. Mt. Vernon Avenue / California Avenue



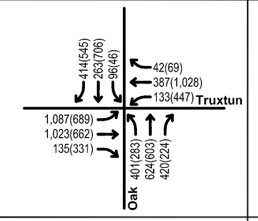
28. Q Street / 14th Street



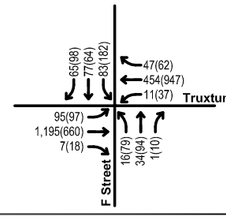
29. Union Avenue / Hayden Court / Sonora Street



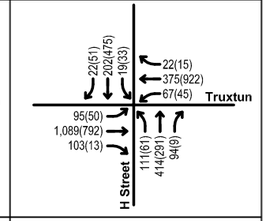
30. Oak Street / Truxtun Avenue



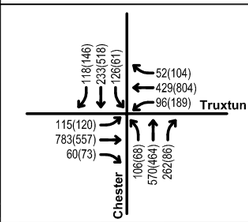
31. F Street / Truxtun Avenue



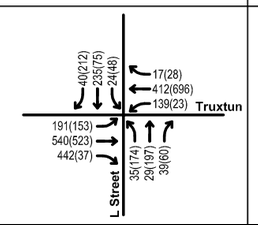
32. H Street / Truxtun Avenue



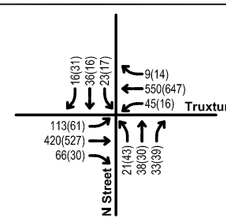
33. Chester Avenue / Truxtun Avenue



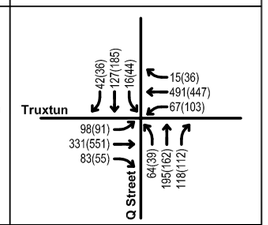
34. L Street / Truxtun Avenue



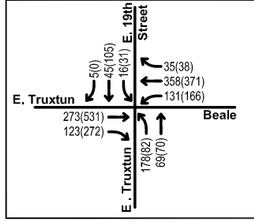
35. N Street / Truxtun Avenue



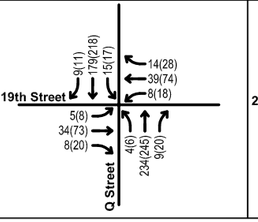
36. Q Street / Truxtun Avenue



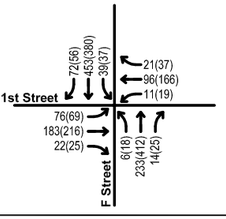
37. E. Truxtun Avenue / Beale Avenue / E. 19th Street



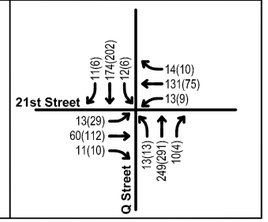
38. Q Street / 19th Street



39. F Street / 21st Street



40. Q Street / 21st Street



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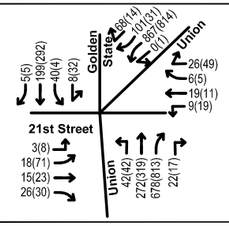
California High-Speed Train Program EIR/EIS

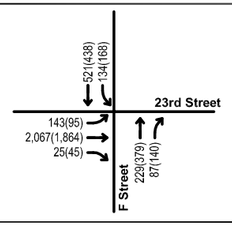
Bakersfield Station - Existing Peak Hour Turning Movement Volumes

Figure 4.4-4b

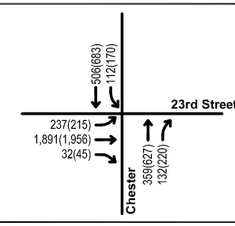
41. Union Avenue / Golden State Avenue / 21st Street



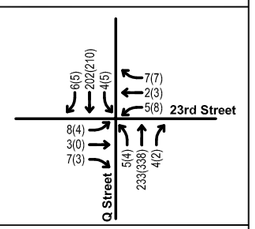
42. F Street / 23rd Street



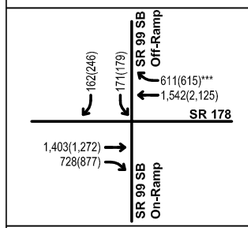
43. Chester Avenue / 23rd Street



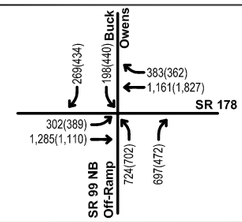
44. Q Street / 23rd Street



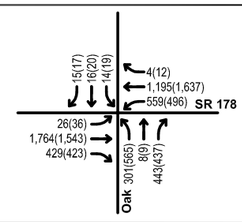
45. SR 178 / SR 99 SB Ramps



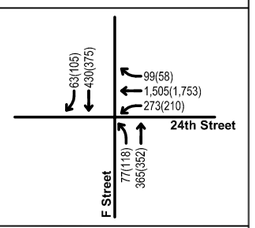
46. SR 178 / SR 99 NB Off-Ramp / Buck Owens Blvd



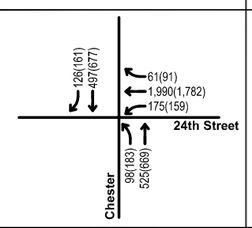
47. Oak Street / SR 178



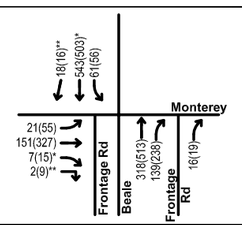
48. F Street / 24th Street



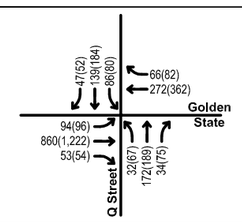
49. Chester Avenue / 24th Street



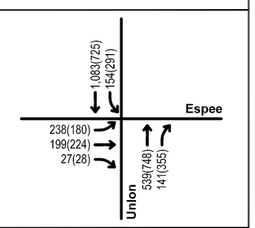
50. Beale Avenue / Monterey Street



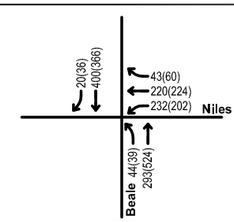
51. Q Street / Golden State Avenue



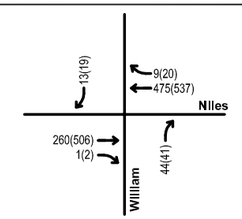
52. Union Avenue / Espee Street



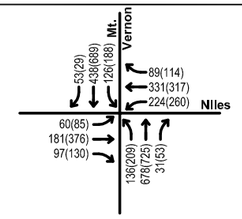
53. Beale Avenue / Niles Street



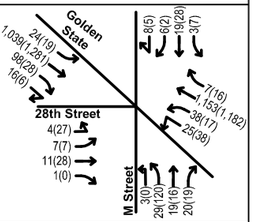
54. Williams Street / Niles Street



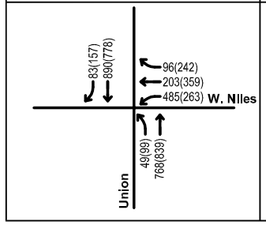
55. Mt. Vernon Avenue / Niles Street



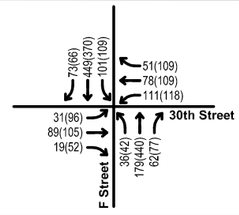
56. M Street / 28th Street / Golden State Avenue



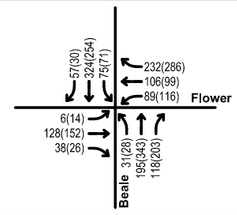
57. Union Avenue / W. Niles Street



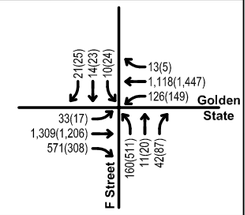
58. F Street / 30th Street



59. Beale Avenue / Flower Street



60. F Street / Golden State Avenue



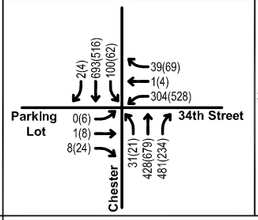
X = Signalized Intersection

X = Unsignalized Intersection

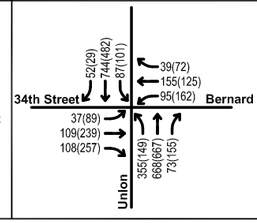
Not to scale XX(XX) = AM(PM) Peak Hour Volumes

61. Beale Avenue / Jefferson Street

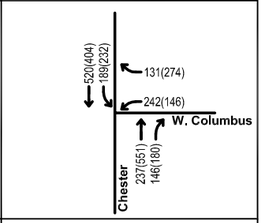
62. Chester Avenue / 34th Street



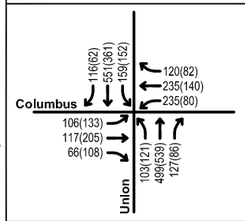
63. Union Avenue / 34th Street / Bernard Street



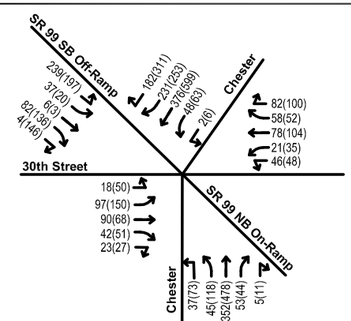
64. Chester Avenue / W. Columbus Street



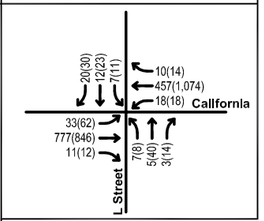
65. Union Avenue / Columbus Street



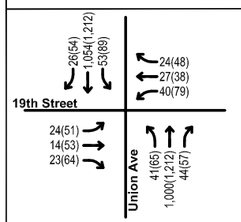
66. Chester Avenue / 30th Street / SR 99 NB Ramps



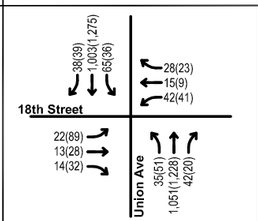
67. L Street / Callfornia Avenue



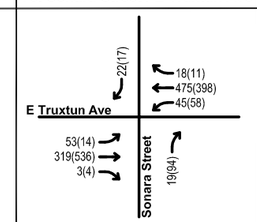
68.Union Ave / 19th Street



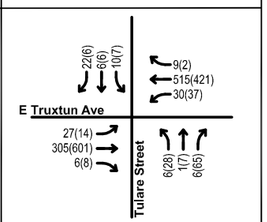
69. Union Avenue / 18th Street



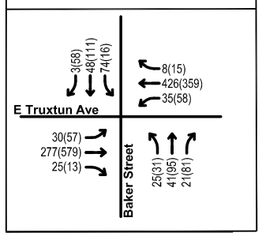
70. Sonara Street / E Truxtun Ave



71. Tulare Street / E Truxtun Ave

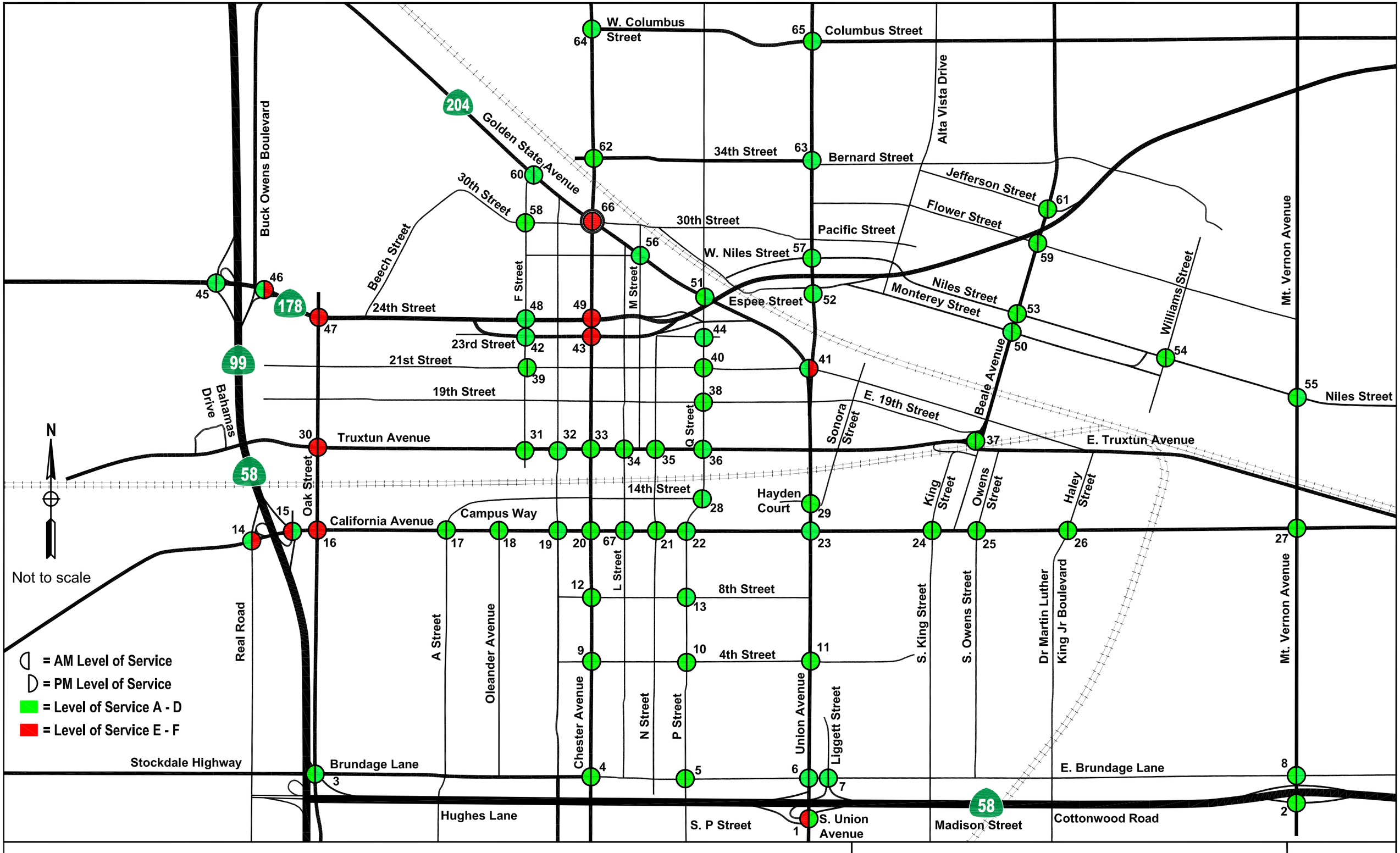


72.Baker Street / E Truxtun Ave



URS	California High-Speed Train Program EIR/EIS	Bakersfield Station - Existing Peak Hour Turning Movement Volumes

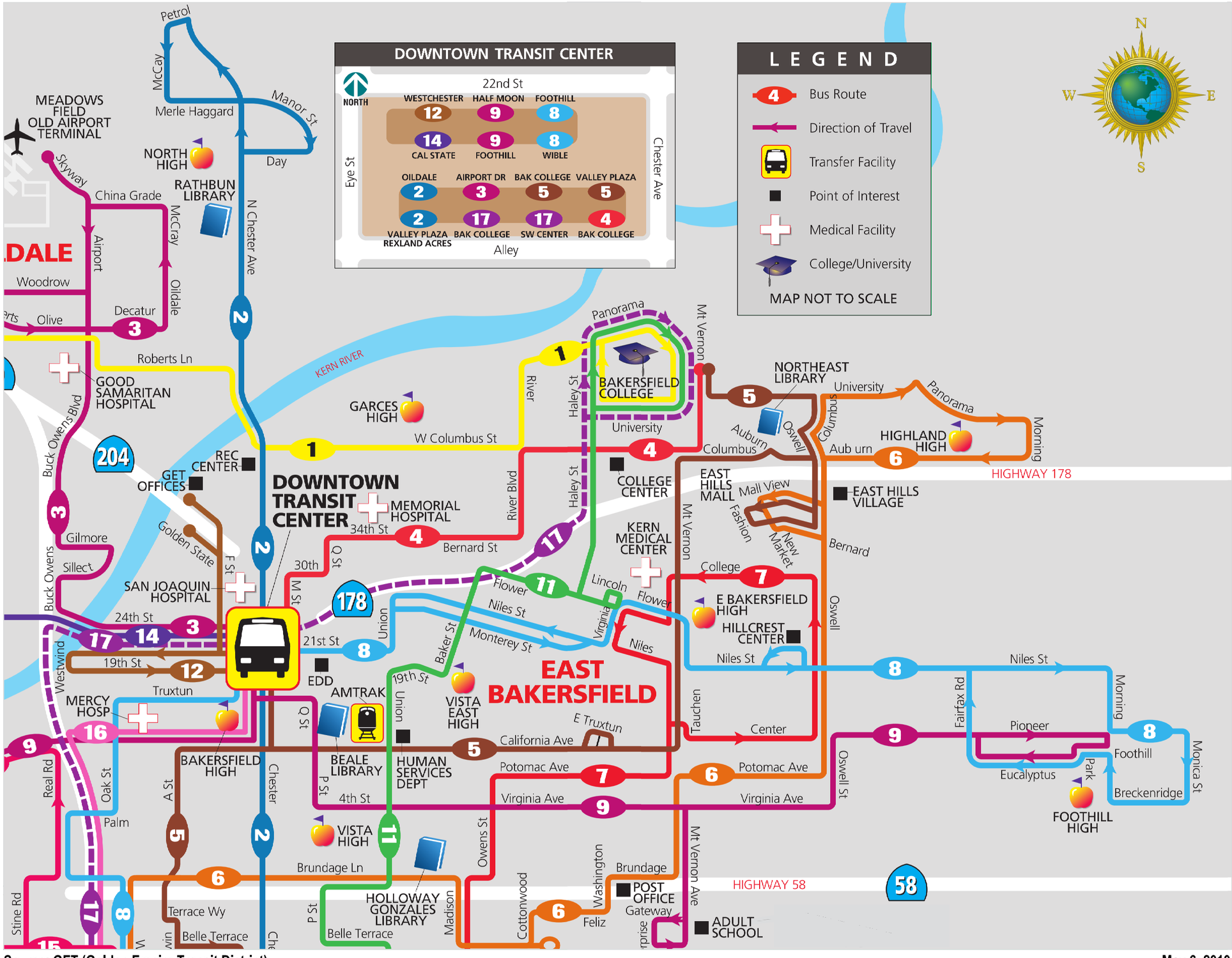
Figure 4.4-4d



California High-Speed Train Program EIR/EIS

Bakersfield Station - Intersection Level of Service

Figure 4.4-5



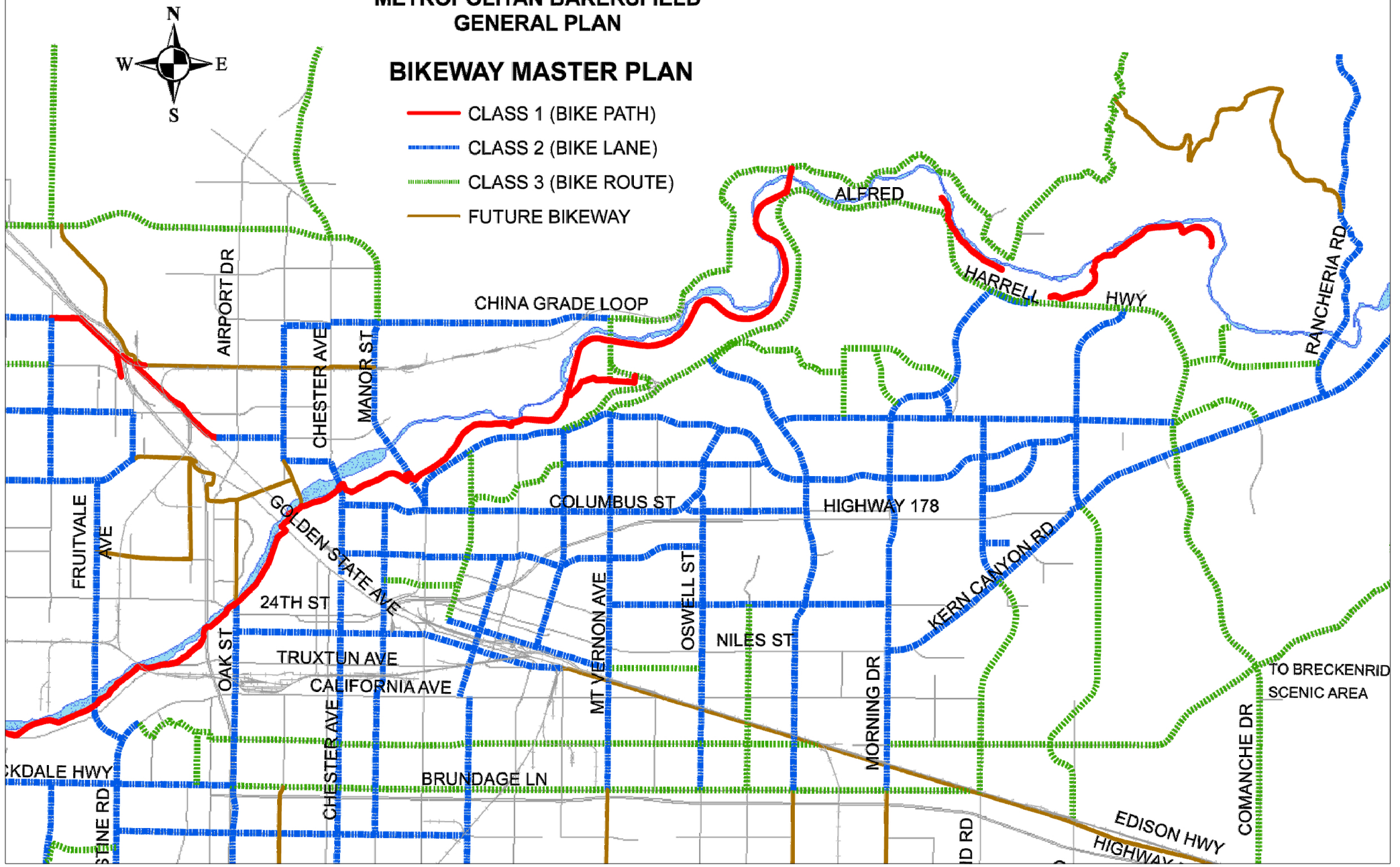
Source: GET (Golden Empire Transit District)

May 6, 2010

California High - Speed Train Program EIR/EIS	**Bakersfield Station - Connecting Transit Services**	**Figure 4.4-6**

METROPOLITAN BAKERSFIELD GENERAL PLAN

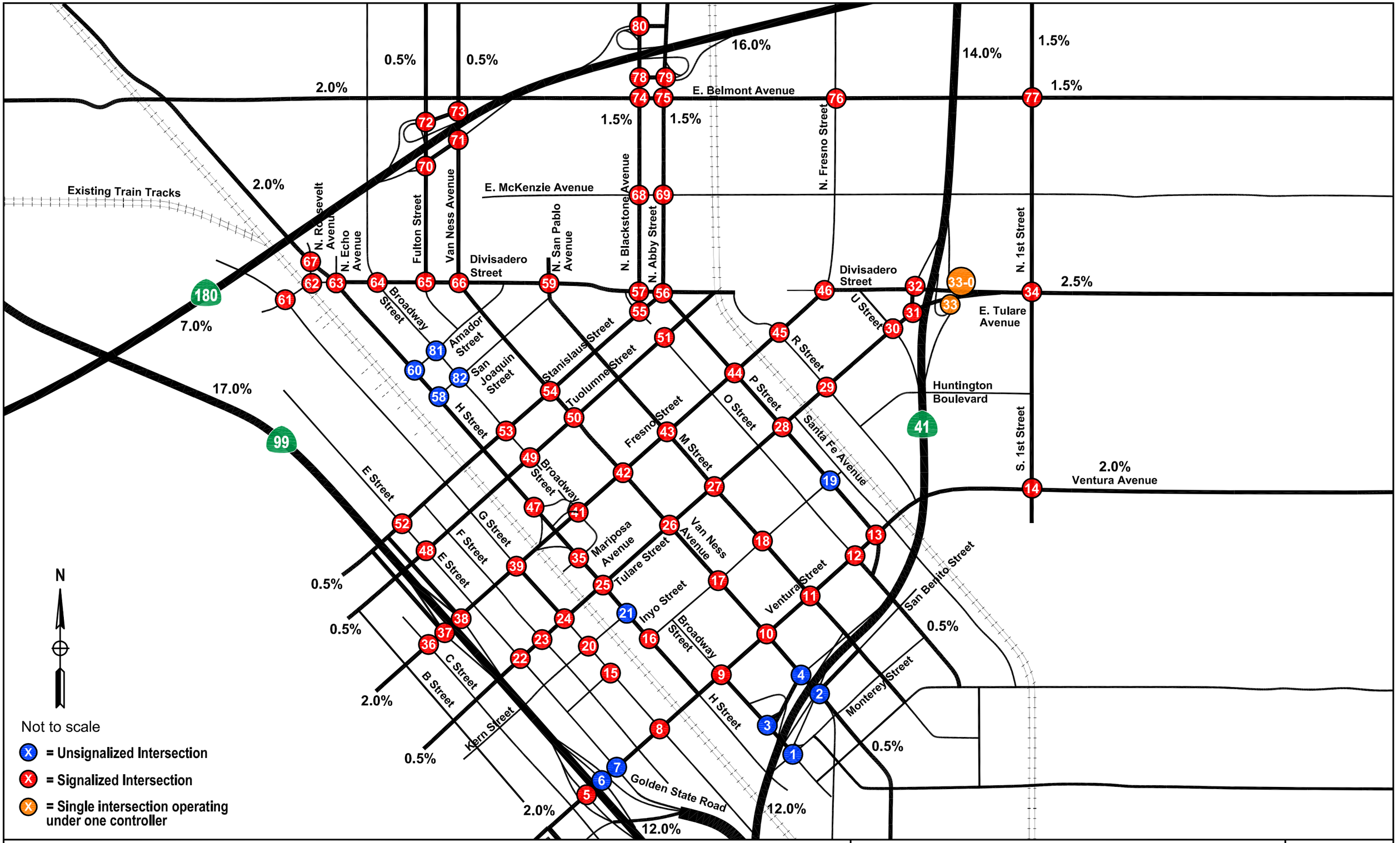
BIKEWAY MASTER PLAN



Source: Kern County, City of Bakersfield

May 6, 2010

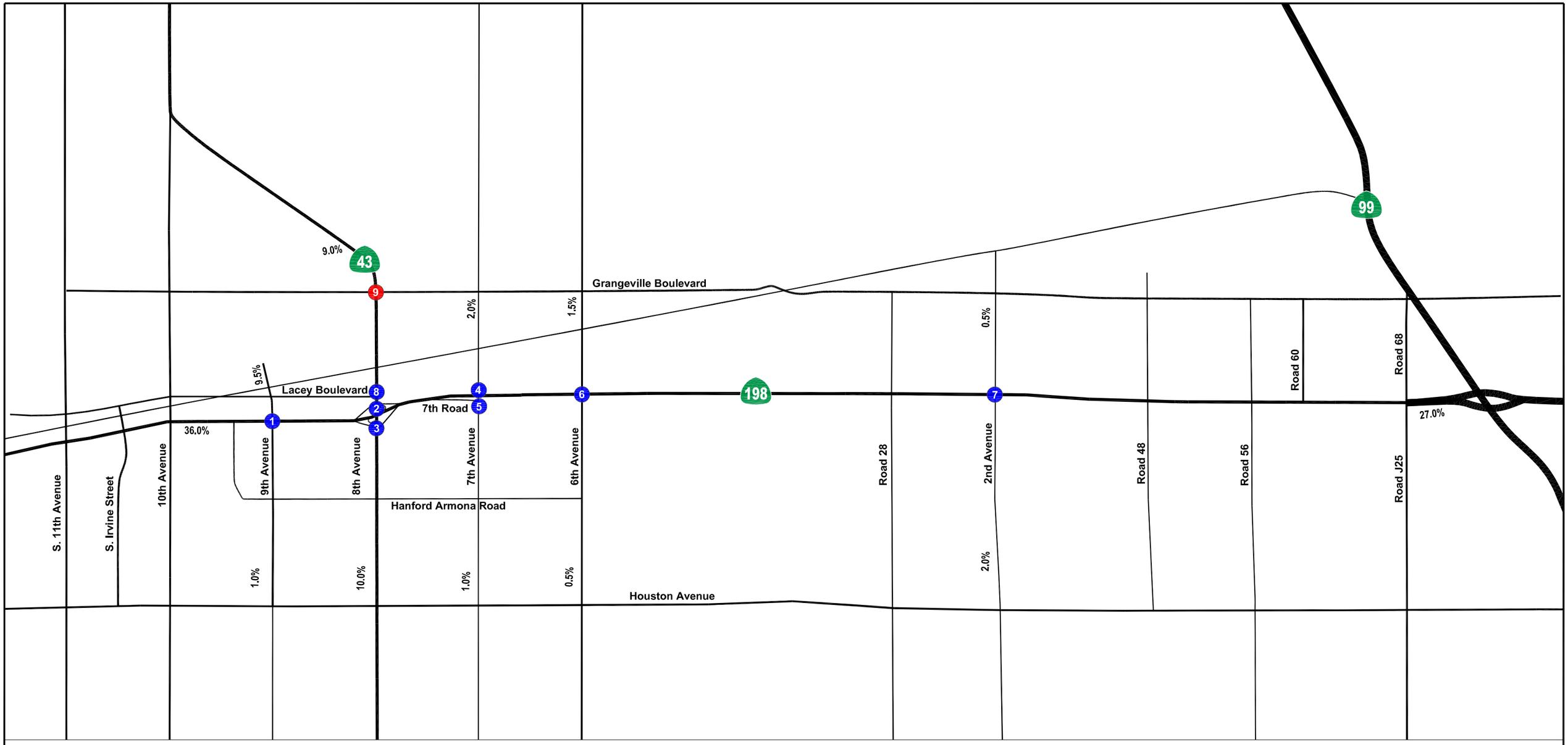
California High - Speed Train Program EIR/EIS	Bakersfield Station - Existing Bikeways	Figure 4.4-7



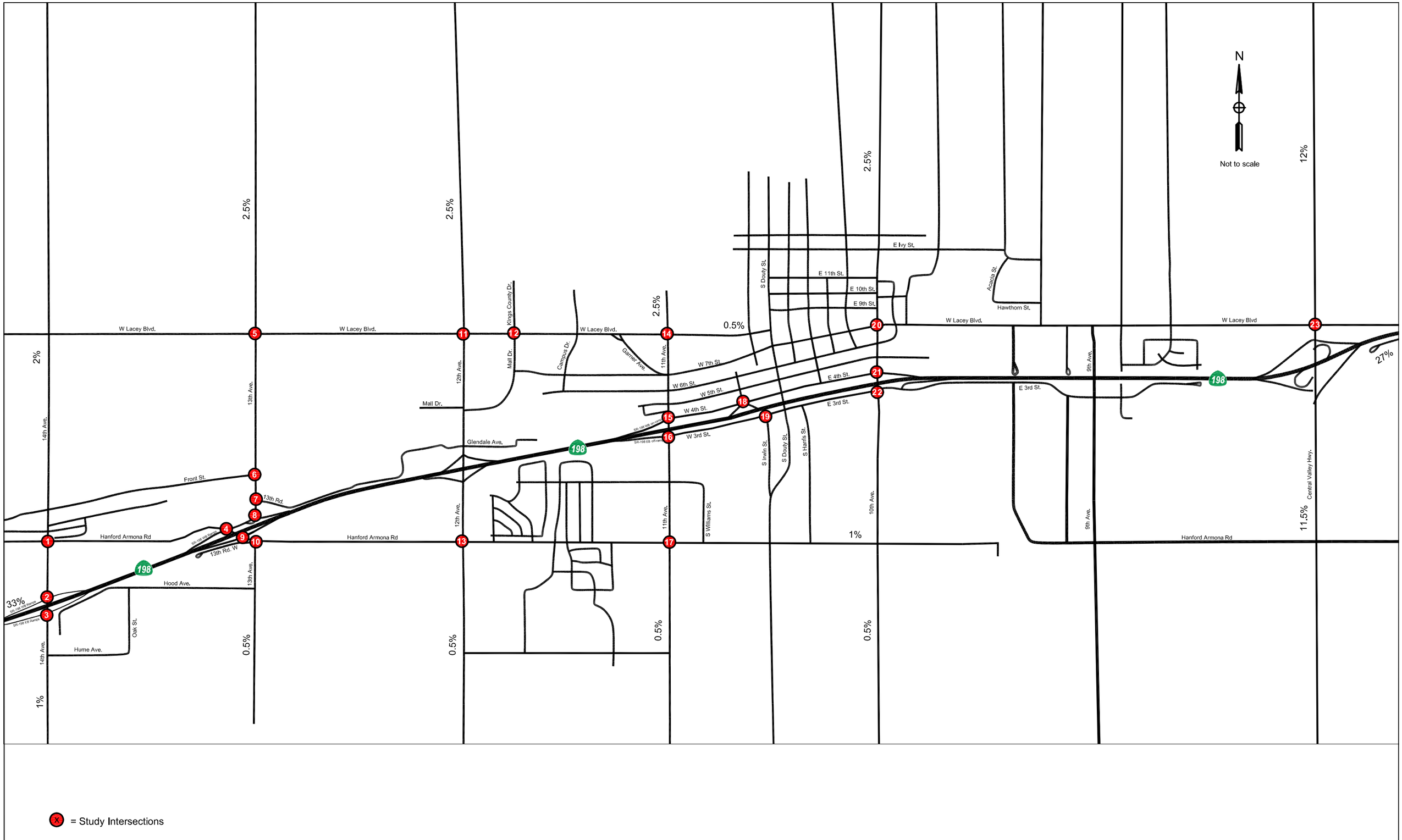
California High-Speed Train Program EIR/EIS

Trip Distribution Percentage - Fresno Station

Figure 5.1-1



California High-Speed Train Program EIR/EIS	**Trip Distribution Percentage - Kings/Tulare Regional East Station**	**Figure 5.1-2a**



URS

California High-Speed Train Program EIR/EIS

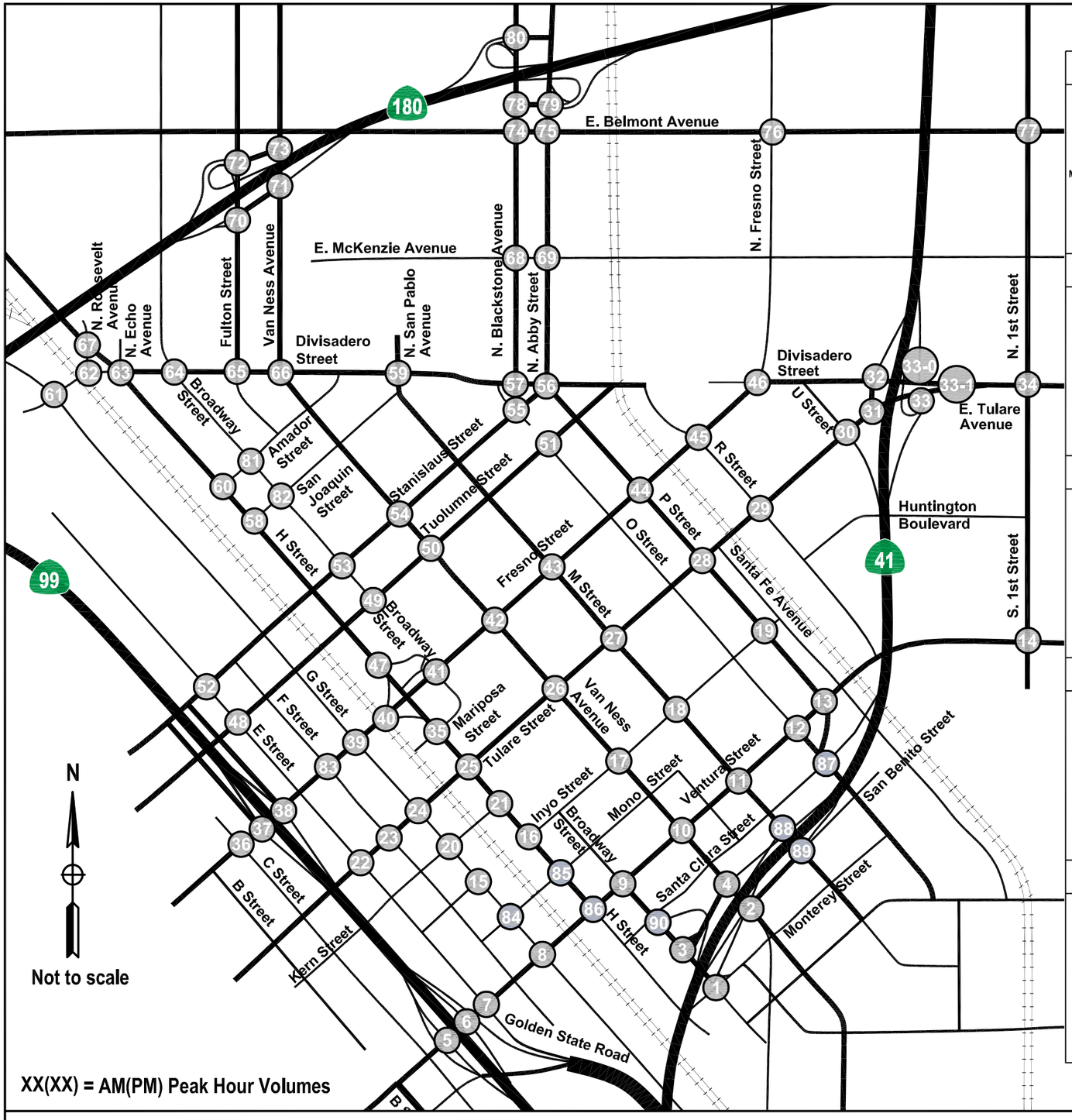
Trip Distribution Percentage - Kings/Tulare Regional West Station

Figure 5.1-2b

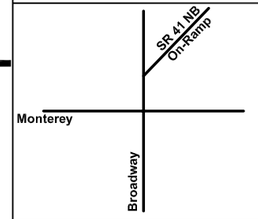
California High-Speed Train Program EIR/EIS

Trip Distribution Percentage- Bakersfield Station

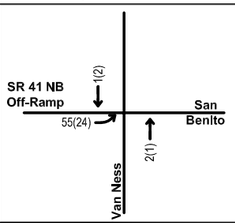
Figure 5.1-3



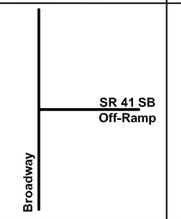
1. Broadway Street / SR 41 NB On-Ramp / Monterey Street



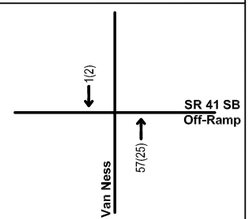
2. Van Ness Avenue / SR 41 NB Off-Ramp / San Benito Street



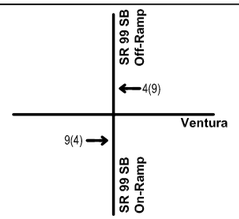
3. Broadway Street / SR 41 SB Off-Ramp



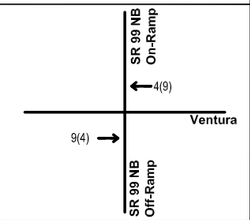
4. Van Ness Avenue / SR 41 SB Off-Ramp



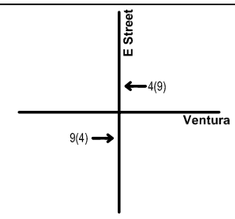
5. SR 99 SB Ramps / Ventura Avenue



6. SR 99 NB Ramps / Ventura Avenue



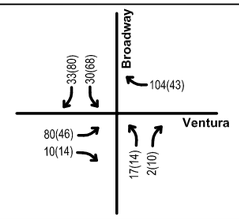
7. E Street / Ventura Avenue



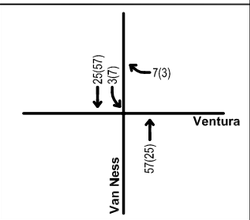
8. G Street / Ventura Avenue

INTERSECTION CLOSED

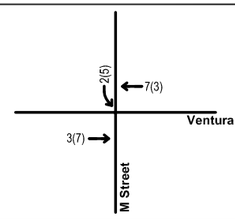
9. Broadway Street / Ventura Avenue



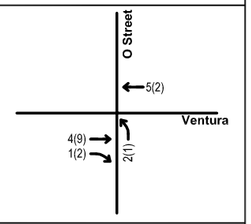
10. Van Ness Avenue / Ventura Street



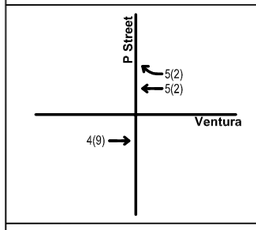
11. M Street / Ventura Street



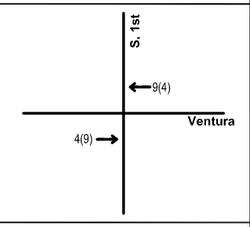
12. O Street / Ventura Avenue



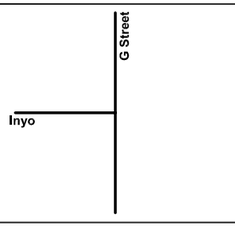
13. P Street / Ventura Avenue



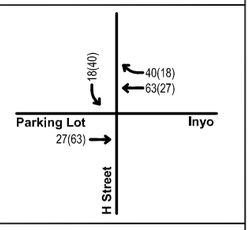
14. S. 1st Street / Ventura Avenue



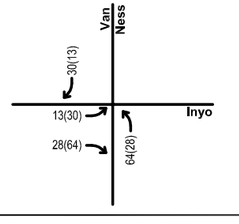
15. G Street / Inyo Street



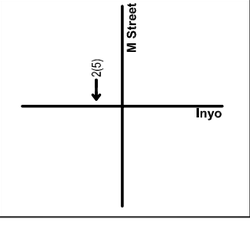
16. H Street / Inyo Street



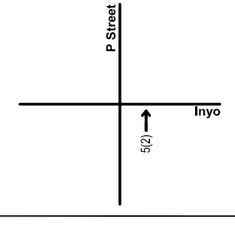
17. Van Ness Street / Inyo Street



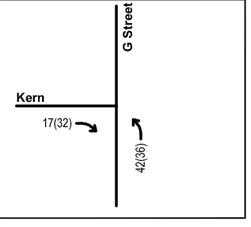
18. M Street / Inyo Street



19. P Street / Inyo Street



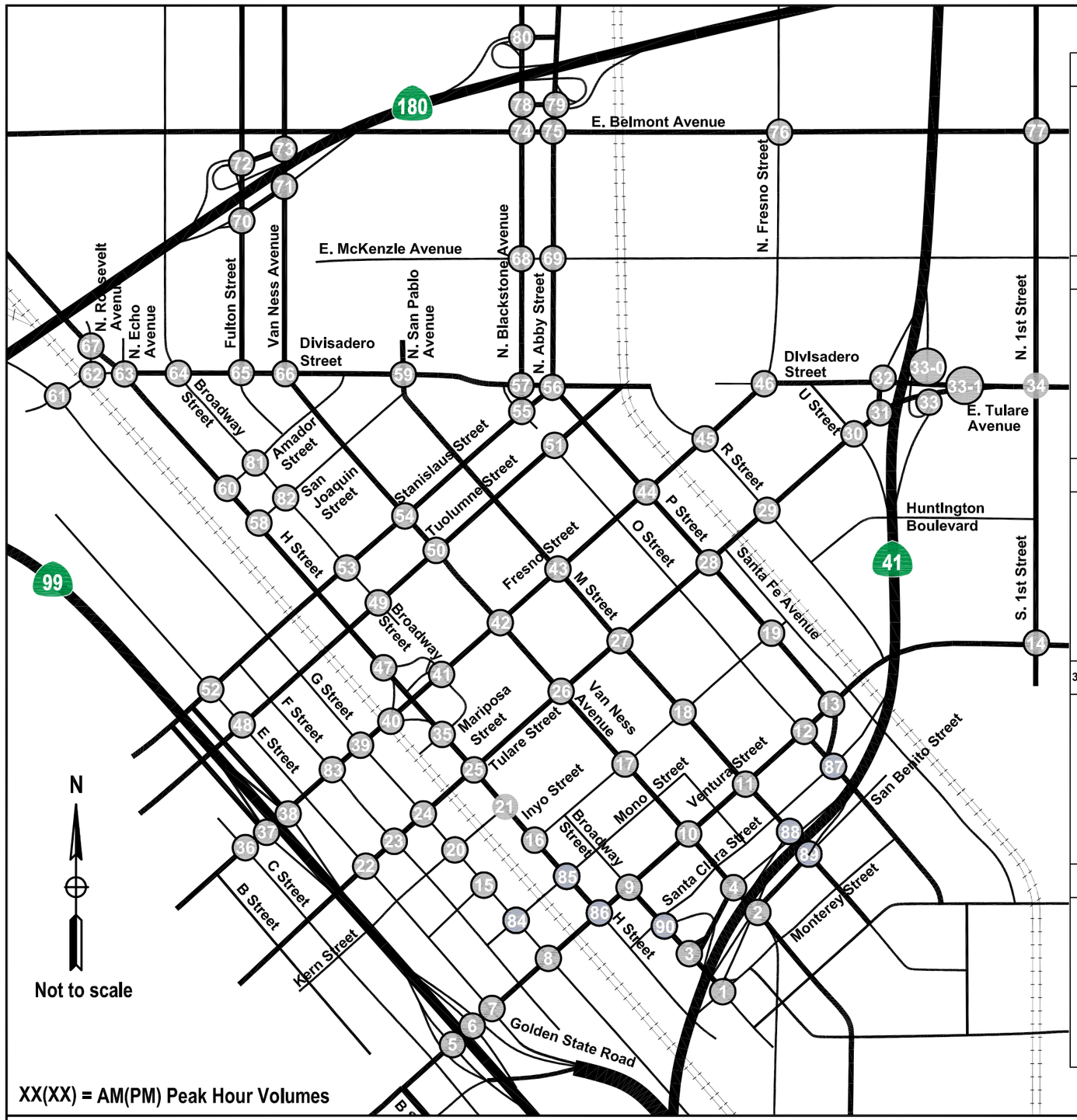
20. G Street / Kern Street

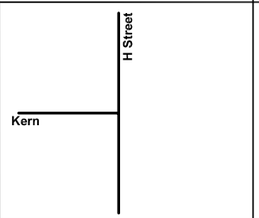
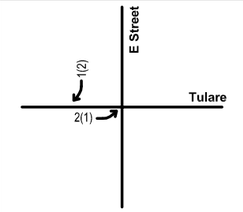
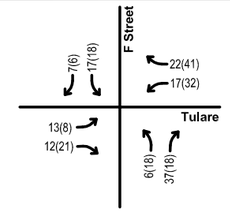
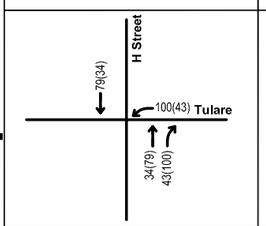
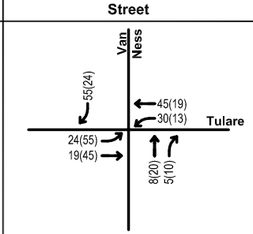
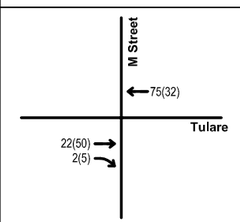
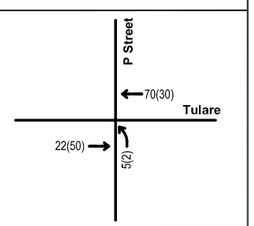
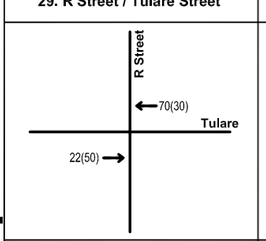
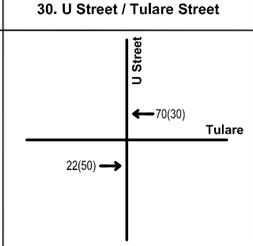
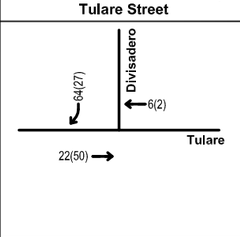
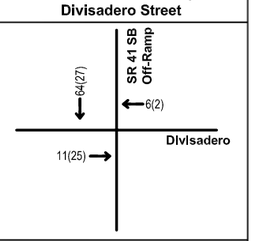
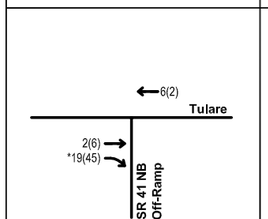
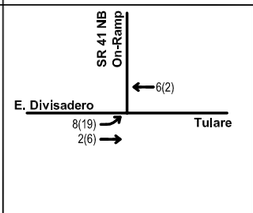
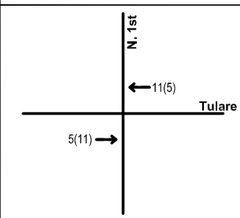
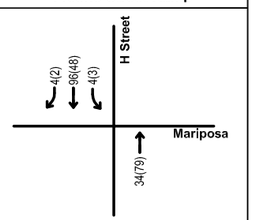
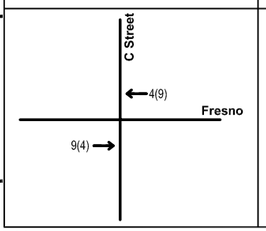
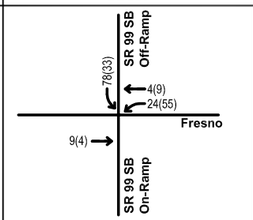
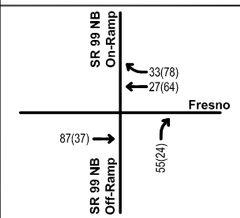


California High-Speed Train Program EIR/EIS

Fresno Station Tulare Underpass Alternative - Existing Conditions Project-only Trips

Figure 5.1-4a



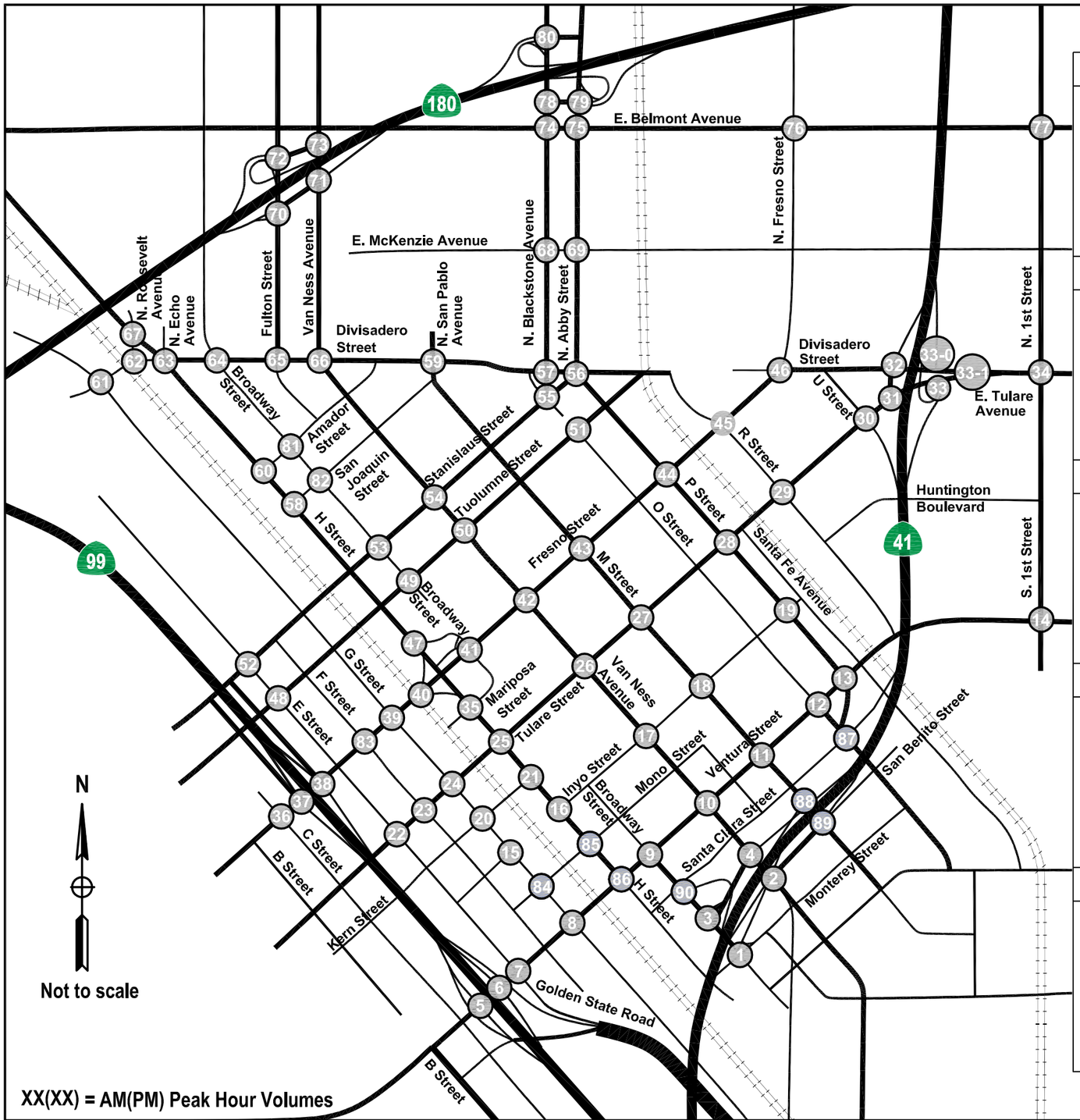
21. H Street / Kern Street	22. E Street / Tulare Street	23. F Street / Tulare Street	24. G Street / Tulare Street
			INTERSECTION CLOSED
25. H Street / Tulare Street	**26. Van Ness Avenue / Tulare Street**	**27. M Street / Tulare Street**	**28. P Street / Tulare Street**
			
29. R Street / Tulare Street	**30. U Street / Tulare Street**	**31. Divisadero Street Off-Ramp / Tulare Street**	**32. SR 41 SB Off-Ramp / Divisadero Street**
			
33. SR 41 NB Ramps / Tulare Street	**33-0. SR 41 NB On-Ramp / E. Divisadero Street**	**34. N. 1st Street / Tulare Street**	**35. H Street / Mariposa Street / Fresno Street Ramp**
			
36. C Street / Fresno Street	**37. SR 99 SB Ramps / Fresno Street**	**38. SR 99 NB Ramps / Fresno Street**	**39. G Street / Fresno Street**
			INTERSECTION CLOSED

Note:
*XX(XX) Volume going to SR 41 NB On-Ramp

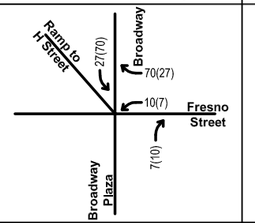
California High-Speed Train Program EIR/EIS

Fresno Station Tulare Underpass Alternative - Existing Conditions Project-only Trips

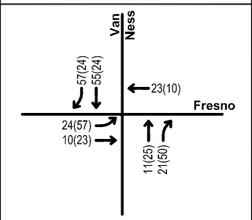
Figure 5.1-4b



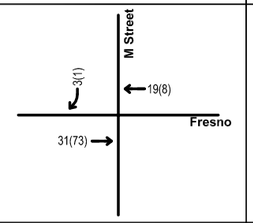
41. Broadway Street / Fresno Street / H Street Ramp



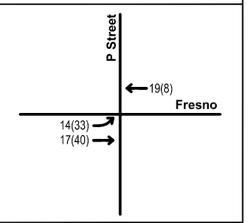
42. Van Ness Avenue / Fresno Street



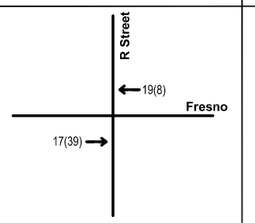
43. M Street / Fresno Street



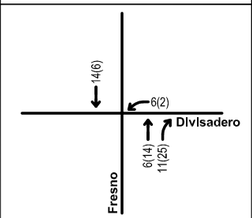
44. P Street / Fresno Street



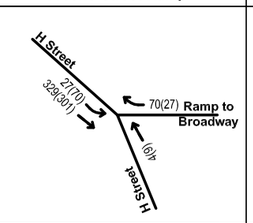
45. R Street / Fresno Street



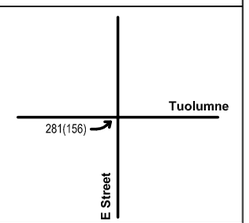
46. Fresno Street / Divisadero Street



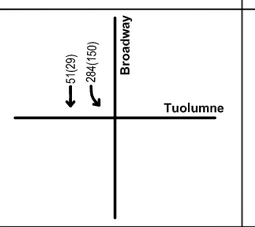
47. H Street / Broadway Street / Fresno Street Ramp



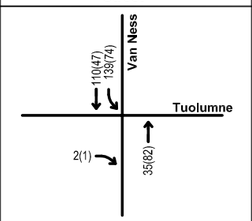
48. E Street / Tuolumne Street



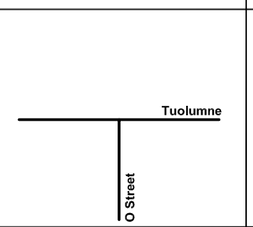
49. Broadway / Tuolumne Street



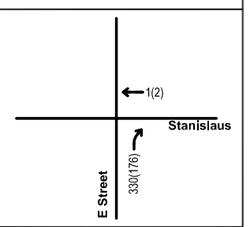
50. Van Ness Avenue / Tuolumne Street



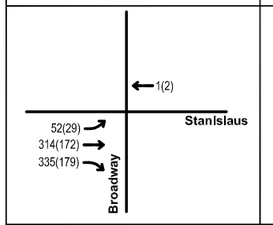
51. O Street / Tuolumne Street



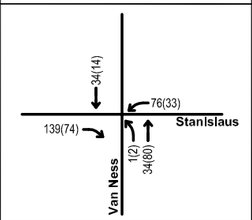
52. E Street / Stanislaus Street



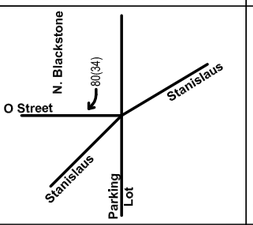
53. Broadway Street / Stanislaus Street



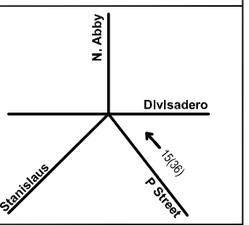
54. Van Ness Avenue / Stanislaus Street



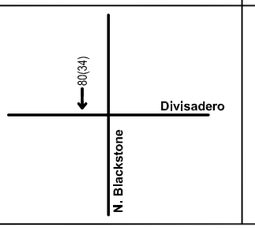
55. N. Blackstone Avenue / Stanislaus Street / O Street



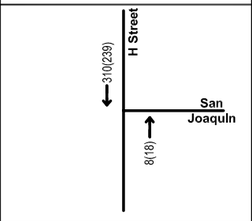
56. N. Abby Street / Divisadero Street / P Street / Stanislaus Street



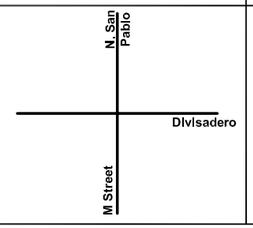
57. N. Blackstone Avenue / Divisadero Street



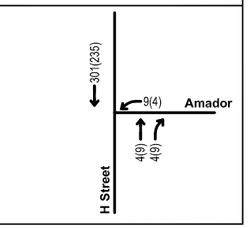
58. H Street / San Joaquin Street



59. M Street / Divisadero Street / N. San Pablo Avenue



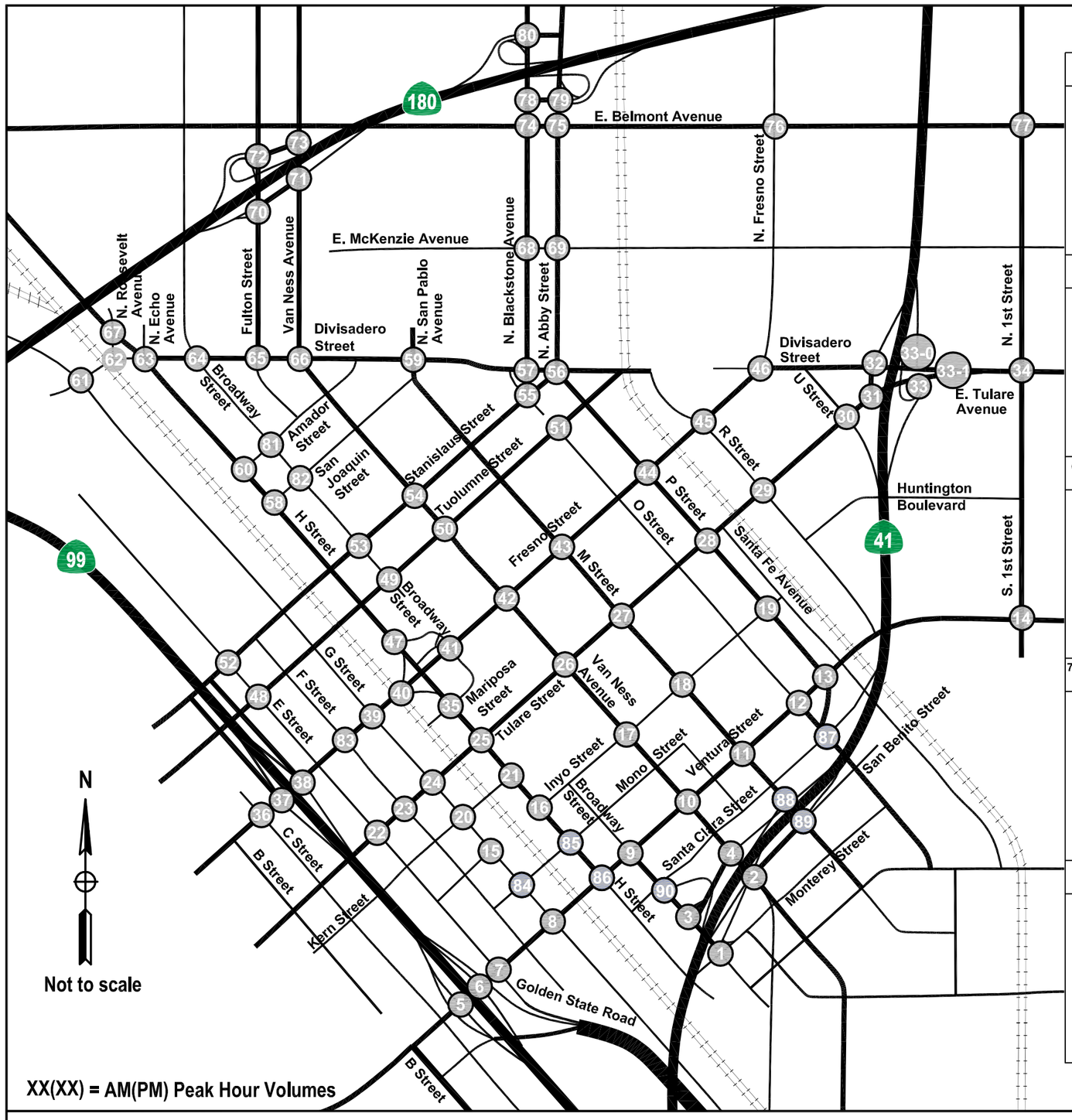
60. H Street / Amador Street



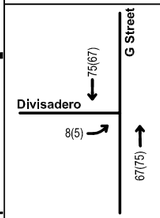
California High-Speed Train Program EIR/EIS

Fresno Station Tulare Underpass Alternative - Existing Conditions Project-only Trips

Figure 5.1-4c



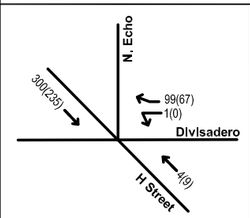
61. G Street / Divisadero Street



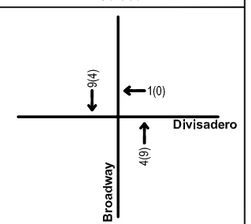
62. N. Roosevelt Avenue / Divisadero Avenue

INTERSECTION CLOSED

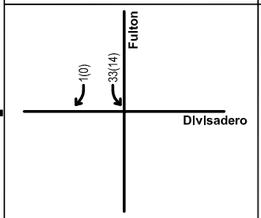
63. H Street / Divisadero Street / N. Echo Avenue



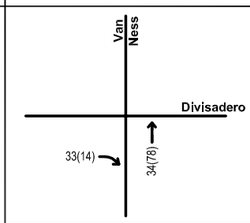
64. Broadway Street / Divisadero Street



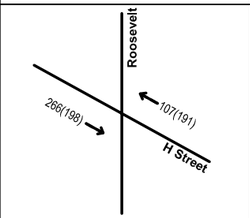
65. Fulton Street / Divisadero Street



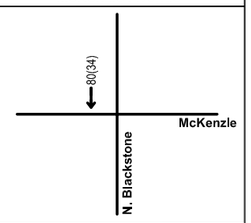
66. Van Ness Avenue / Divisadero Street



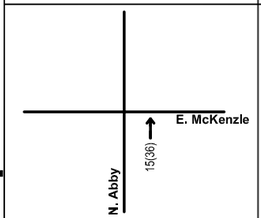
67. H Street / Roosevelt Street



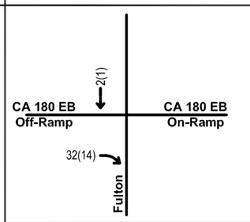
68. N. Blackstone Avenue / E. McKenzie Avenue



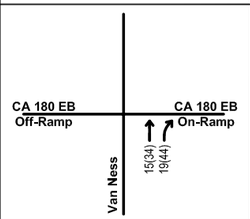
69. N. Abby Street / E. McKenzie Avenue



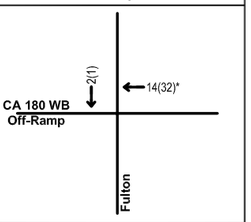
70. Fulton Street / CA 180 EB Ramps



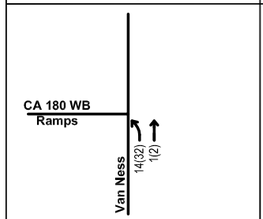
71. Van Ness Avenue / CA 180 EB Ramps



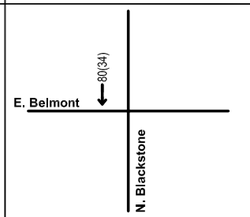
72. Fulton Street / CA 180 WB Ramps



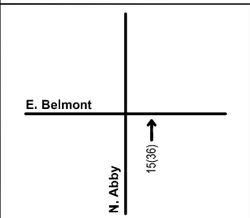
73. Van Ness Avenue / CA 180 WB Ramps



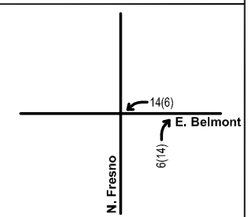
74. N. Blackstone Avenue / E. Belmont Avenue



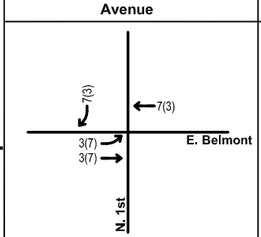
75. N. Abby Street / E. Belmont Avenue



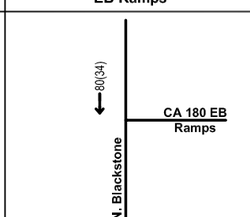
76. N. Fresno Street / E. Belmont Avenue



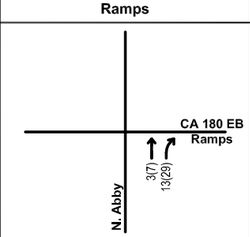
77. N. 1st Street / E. Belmont Avenue



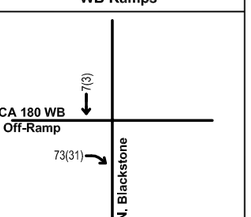
78. N. Blackstone Avenue / CA 180 EB Ramps



79. N. Abby Street / CA 180 EB Ramps



80. N. Blackstone Avenue / CA 180 WB Ramps

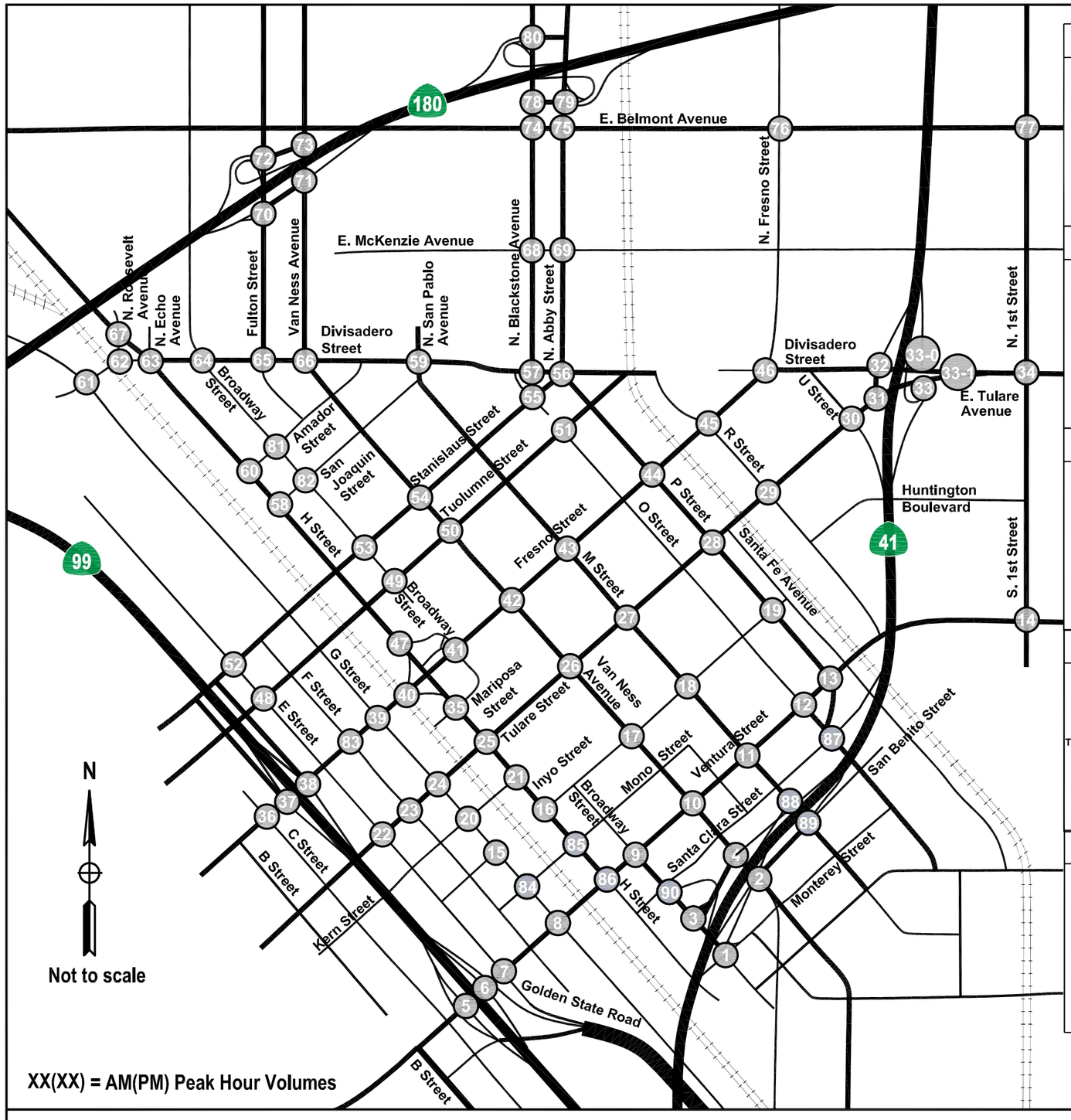


Note:
*XX(XX) = Volume going to CA 180 WB On-Ramp

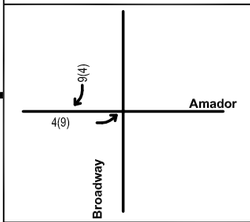
California High-Speed Train Program EIR/EIS

Fresno Station Tulare Underpass Alternative - Existing Conditions Project-only Trips

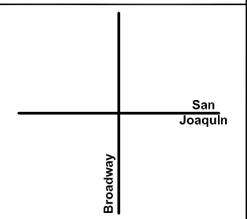
Figure 5.1-4d



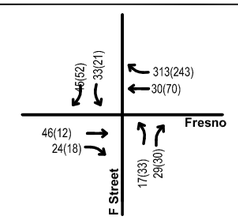
81. Broadway Street / Amador Street



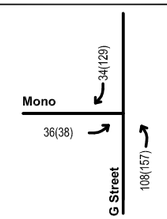
82. Broadway Street / San Joaquin Street



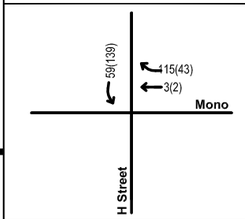
83. F Street / Fresno Street



84. G Street / Mono Street



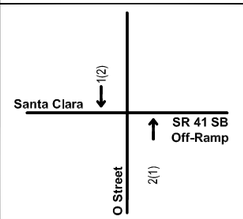
85. H Street / Mono Street



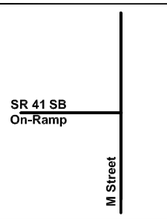
86. H Street / Ventura Street

INTERSECTION CLOSED

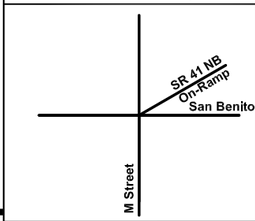
87. O Street / Santa Clara Street - SR 41 SB Off-Ramp



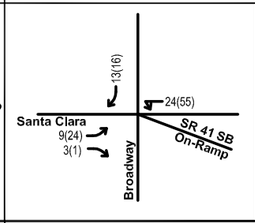
88. M Street / SR 41 SB On-Ramp



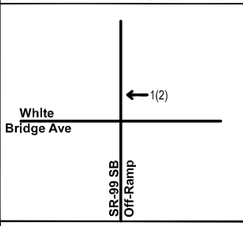
89. M Street / San Benito Street - SR 41 NB On-Ramp



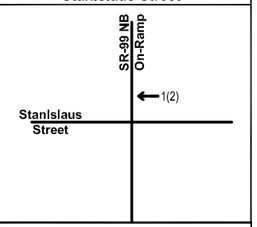
90. Broadway Street / Santa Clara Street - SR 41 SB Loop On-Ramp



105. Stanislaus Street / SR 99 SB Off-ramp

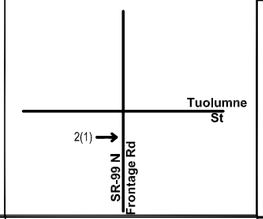


106 . SR-99 NB On-ramp / Stanislaus Street

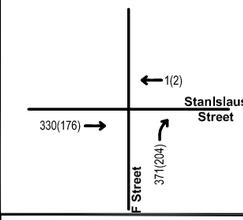


107. Tuolumne St / SR-99 S Frontage Rd

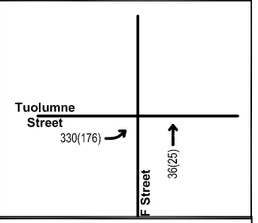
108. Tuolumne Street / SR 99 N Frontage Rd



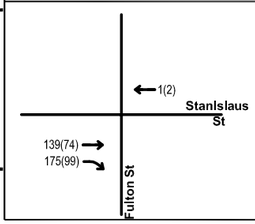
109. Stanislaus Street / F St



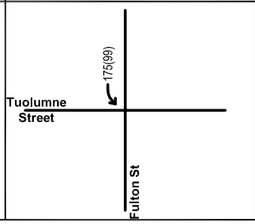
110. F Street / Tuolumne Street



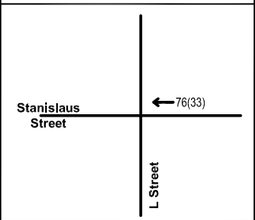
111. Stanislaus St / Fulton St



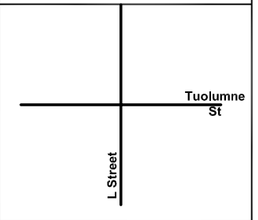
112. Fulton St / Tuolumne St



113. Stanislaus Street / L Street



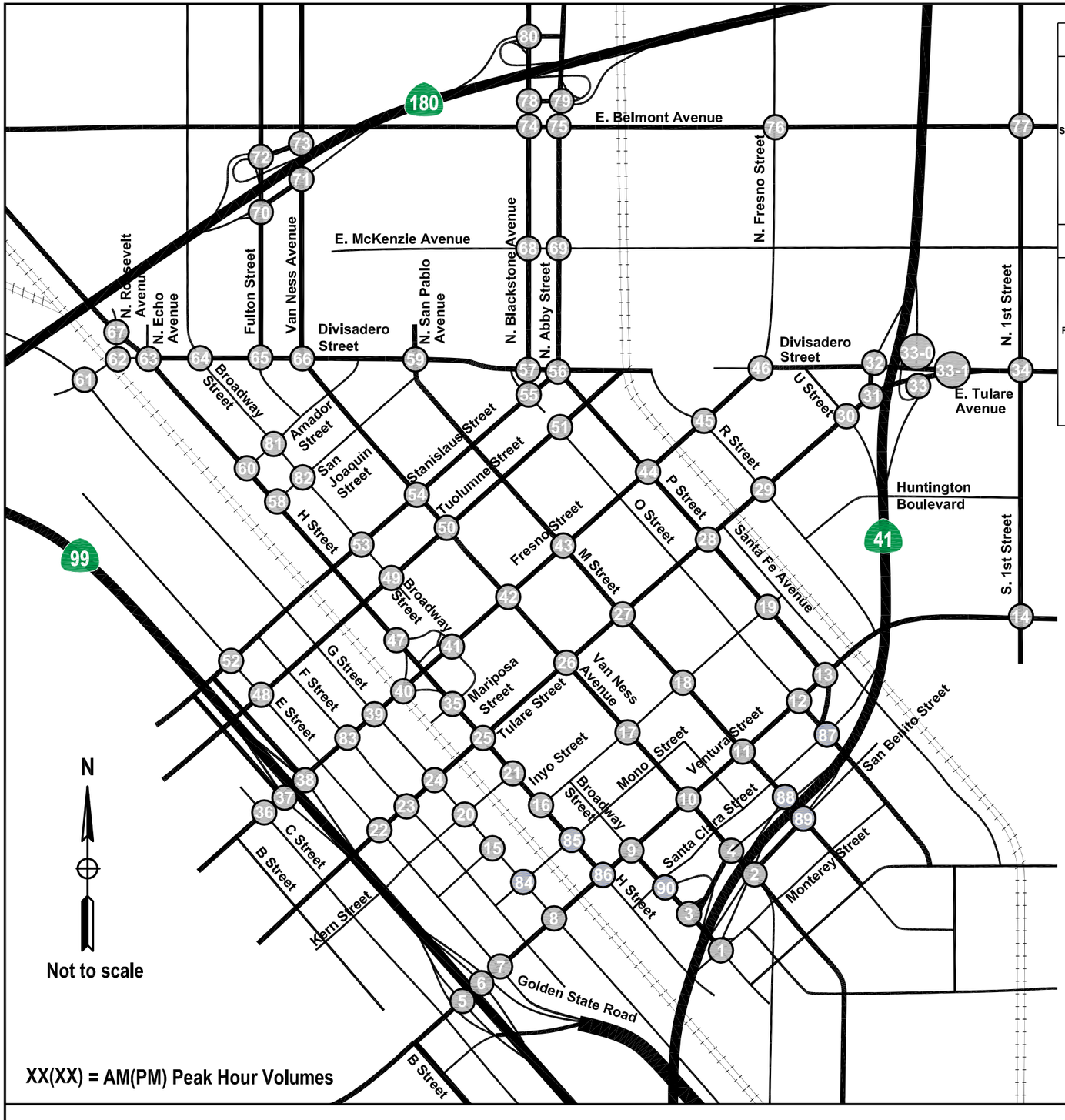
114.Tuolumne Street / L Street



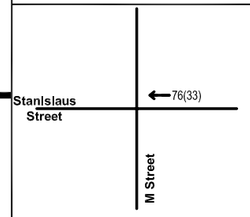
California High-Speed Train Program EIR/EIS

Fresno Station Tulare Underpass Alternative - Existing Conditions Project-only Trips

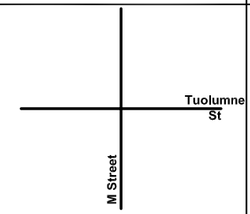
Figure 5.1-4e



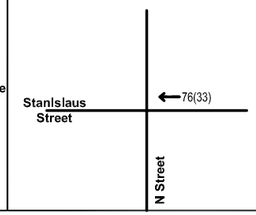
115. Stanislaus Street / M Street



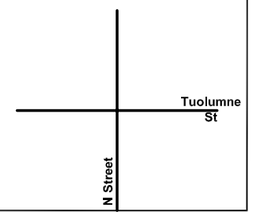
116. Tuolumne Street / M Street



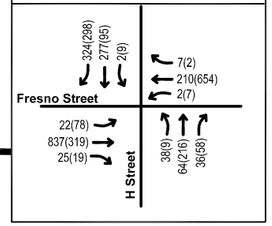
117. Stanislaus Street / N Street



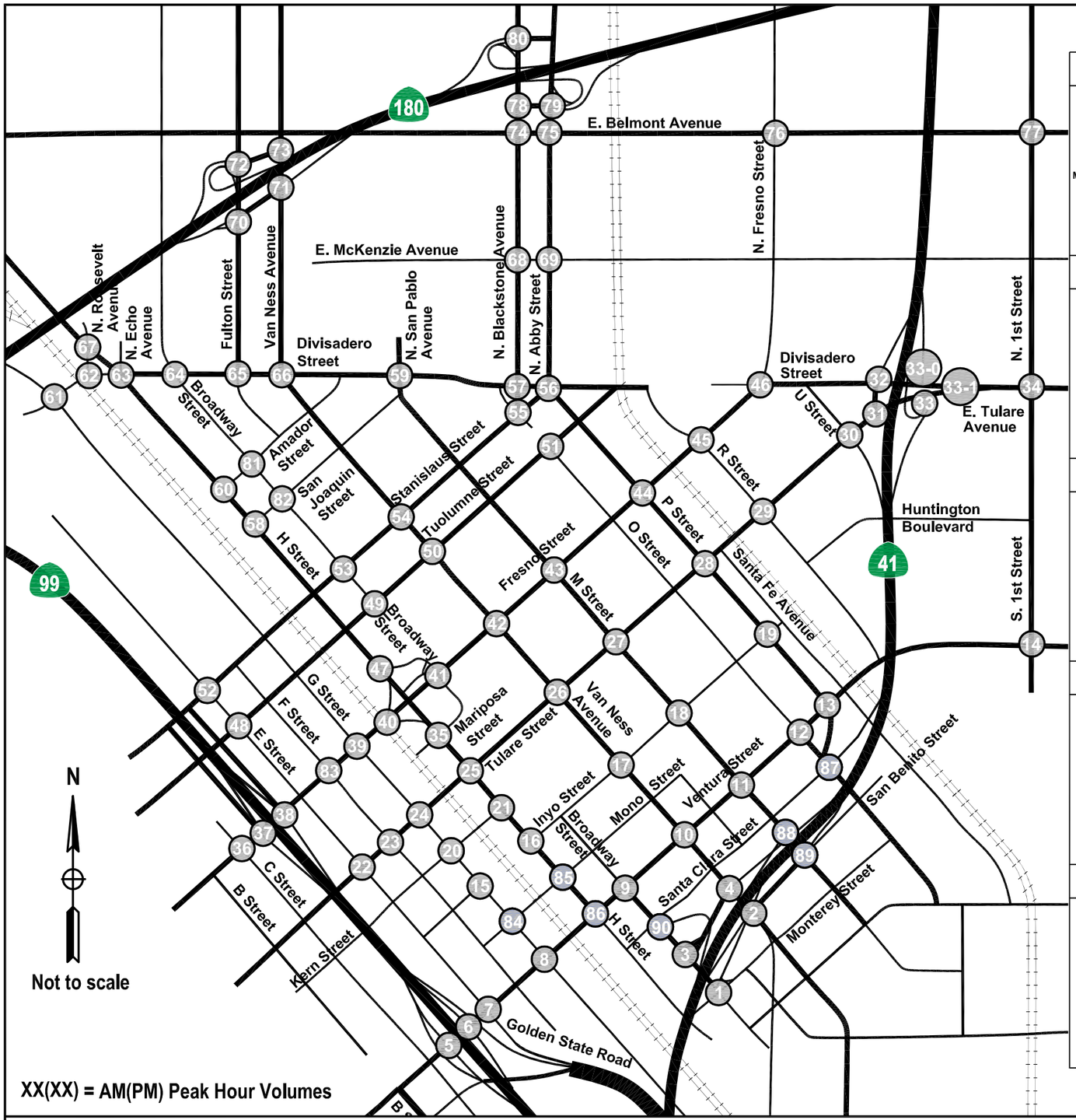
118. Tuolumne St / N Street



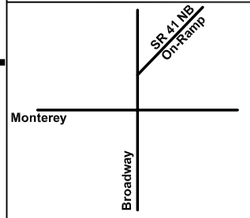
40. Fresno Street / H Street



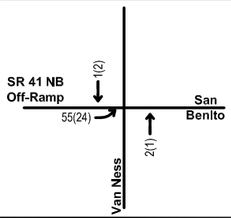
California High-Speed Train Program EIR/EIS	Fresno Station Tulare Underpass Alternative - Existing Conditions Project-only Trips	Figure 5.1-4f



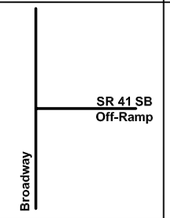
1. Broadway Street / SR 41 NB On-Ramp / Monterey Street



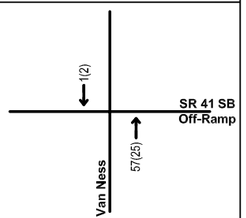
2. Van Ness Avenue / SR 41 NB Off-Ramp / San Benito Street



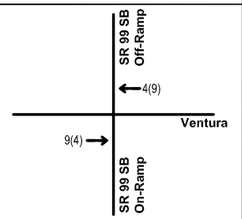
3. Broadway Street / SR 41 SB Off-Ramp



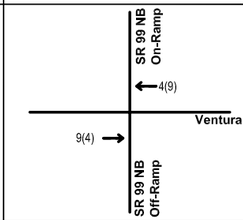
4. Van Ness Avenue / SR 41 SB Off-Ramp



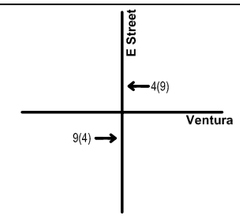
5. SR 99 SB Ramps / Ventura Avenue



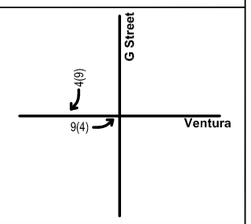
6. SR 99 NB Ramps / Ventura Avenue



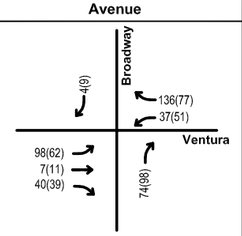
7. E Street / Ventura Avenue



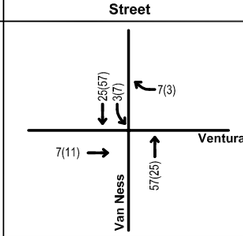
8. G Street / Ventura Avenue



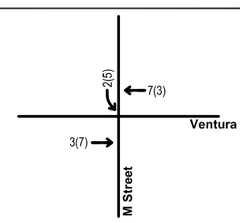
9. Broadway Street / Ventura Avenue



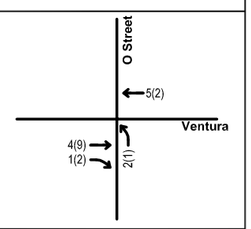
10. Van Ness Avenue / Ventura Street



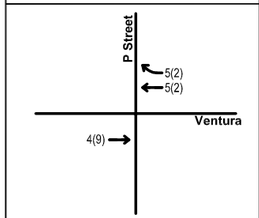
11. M Street / Ventura Street



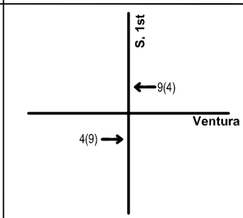
12. O Street / Ventura Avenue



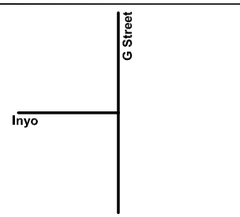
13. P Street / Ventura Avenue



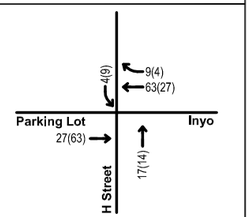
14. S. 1st Street / Ventura Avenue



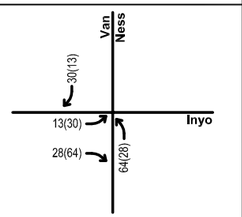
15. G Street / Inyo Street



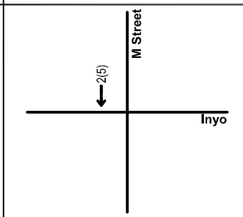
16. H Street / Inyo Street



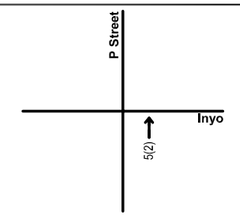
17. Van Ness Street / Inyo Street



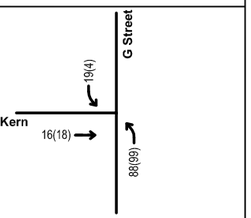
18. M Street / Inyo Street



19. P Street / Inyo Street



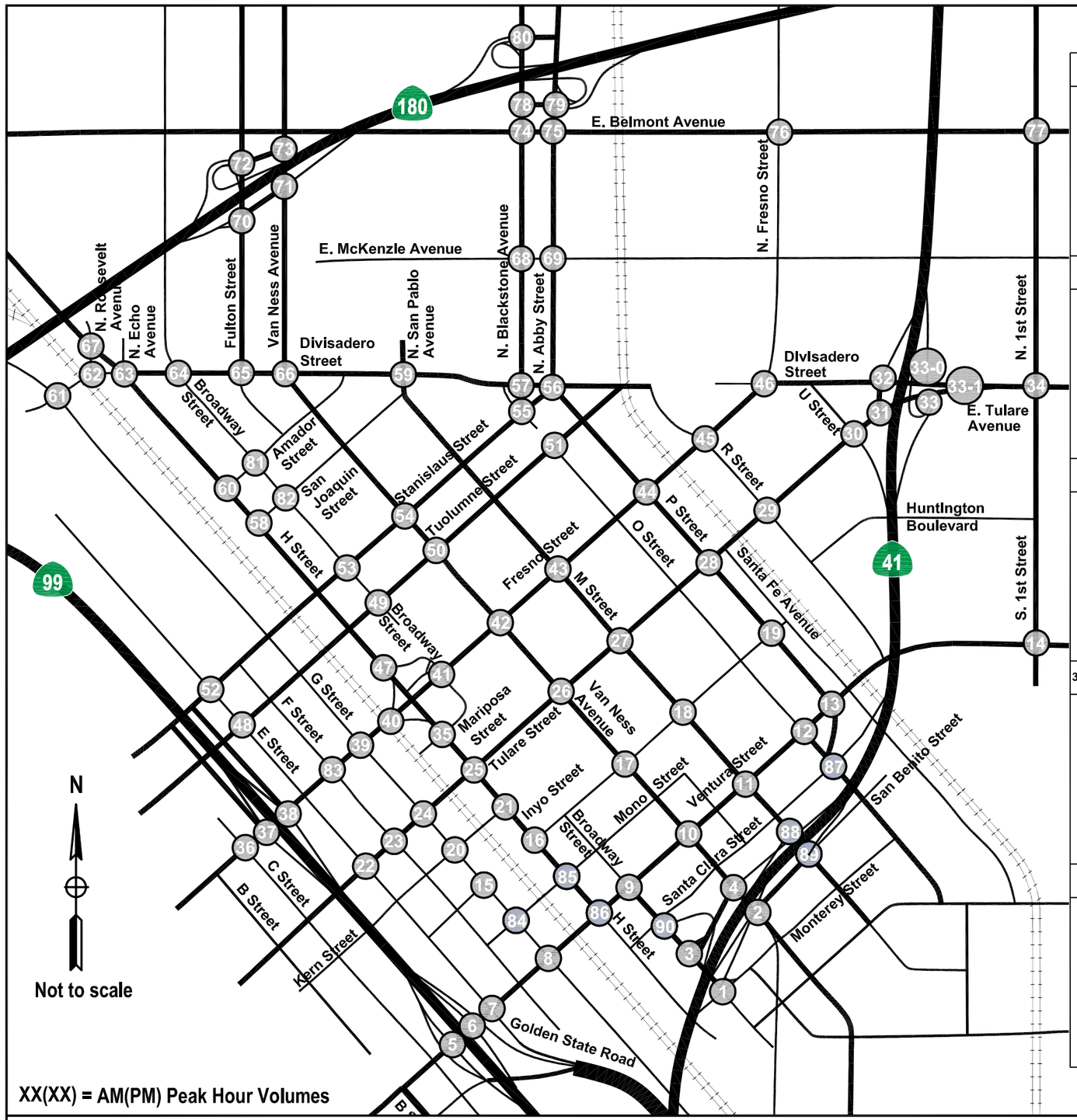
20. G Street / Kern Street

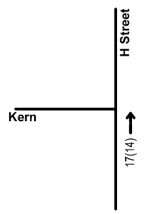
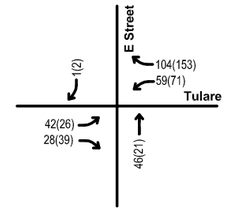
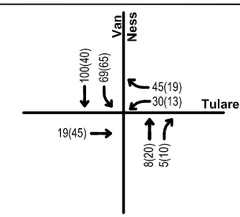
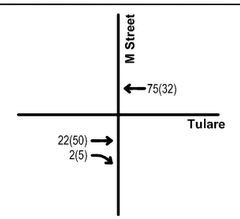
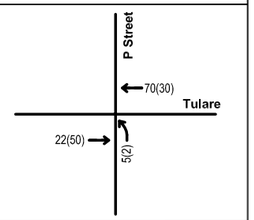
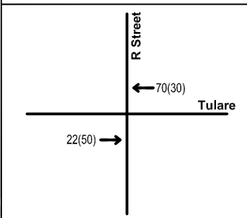
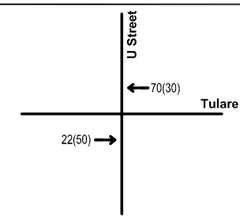
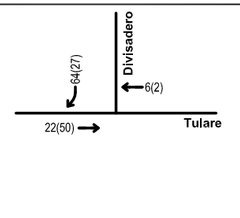
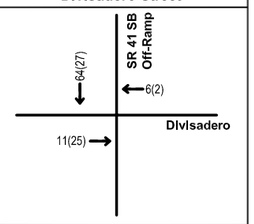
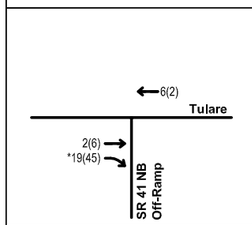
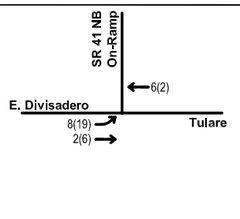
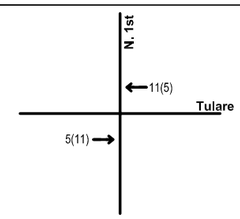
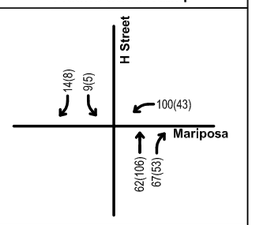
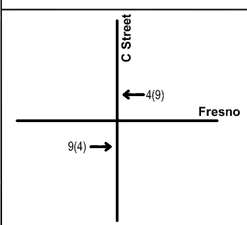
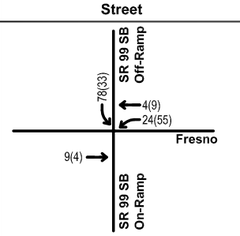
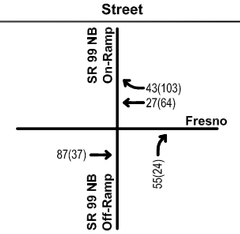
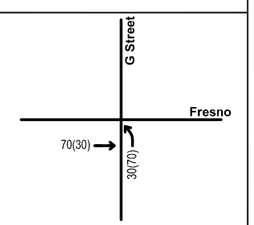


California High-Speed Train Program EIR/EIS

Fresno Station Tulare Overpass Alternative - Existing Conditions Project-only Trips

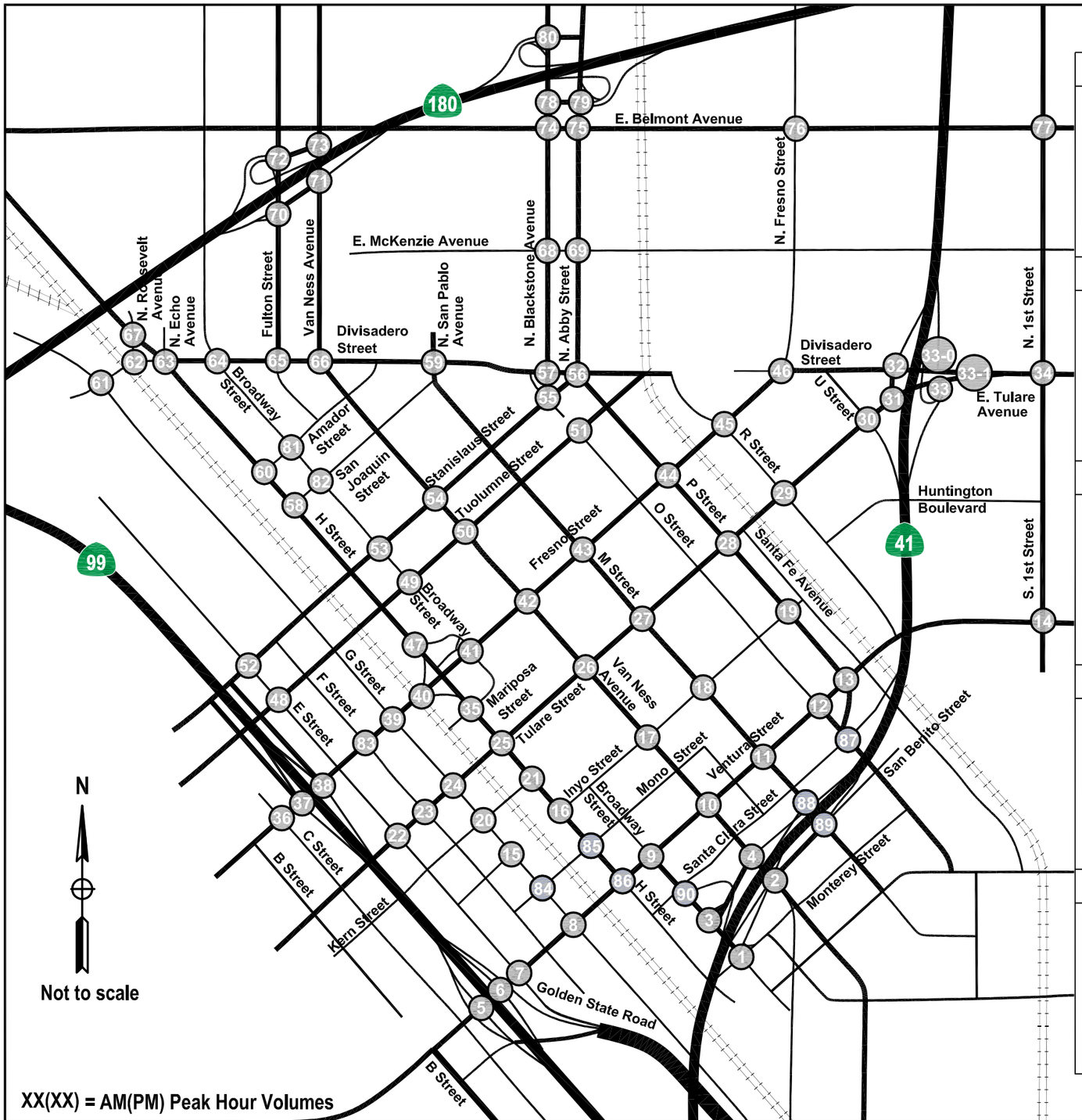
Figure 5.1-5a



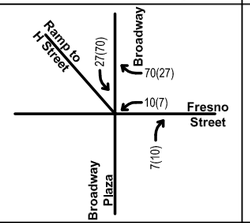
21. H Street / Kern Street	22. E Street / Tulare Street	23. F Street / Tulare Street	24. G Street / Tulare Street
		INTERSECTION CLOSED	INTERSECTION CLOSED
25. H Street / Tulare Street	**26. Van Ness Avenue / Tulare Street**	**27. M Street / Tulare Street**	**28. P Street / Tulare Street**
INTERSECTION CLOSED			
29. R Street / Tulare Street	**30. U Street / Tulare Street**	**31. Divisadero Street Off-Ramp / Tulare Street**	**32. SR 41 SB Off-Ramp / Divisadero Street**
			
33. SR 41 NB Ramps / Tulare Street	**33-0. SR 41 NB On-Ramp / E. Divisadero Street**	**34. N. 1st Street / Tulare Street**	**35. H Street / Mariposa Street / Fresno Street Ramp**
			
36. C Street / Fresno Street	**37. SR 99 SB Ramps / Fresno Street**	**38. SR 99 NB Ramps / Fresno Street**	**39. G Street / Fresno Street**
			

Note:
*XX(XX) Volume going to SR 41 NB On-Ramp

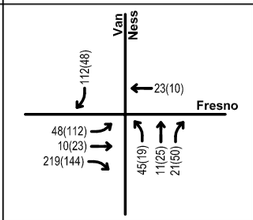
California High-Speed Train Program EIR/EIS	**Fresno Station Tulare Overpass Alternative - Existing Conditions Project-only Trips**	**Figure 5.1-5b**



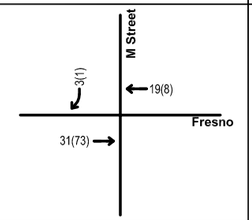
41. Broadway Street / Fresno Street / H Street Ramp



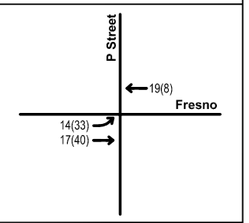
42. Van Ness Avenue / Fresno Street



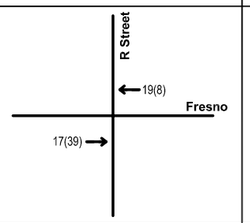
43. M Street / Fresno Street



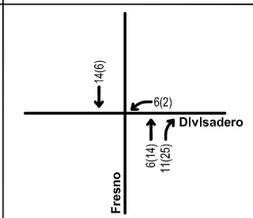
44. P Street / Fresno Street



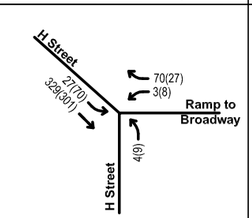
45. R Street / Fresno Street



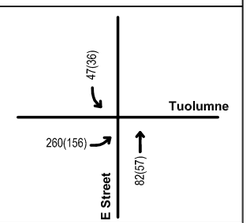
46. Fresno Street / Divisadero Street



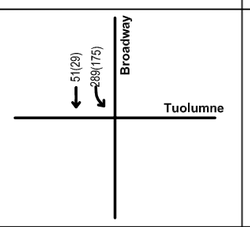
47. H Street / Broadway Street / Fresno Street Ramp



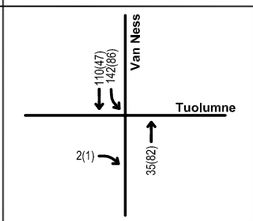
48. E Street / Tuolumne Street



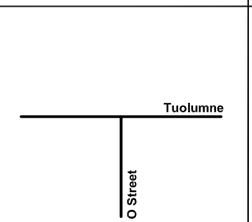
49. Broadway / Tuolumne Street



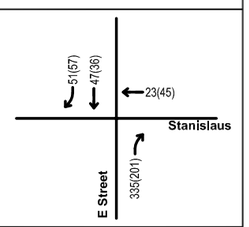
50. Van Ness Avenue / Tuolumne Street



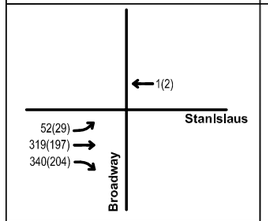
51. O Street / Tuolumne Street



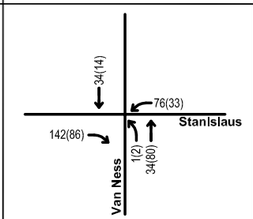
52. E Street / Stanislaus Street



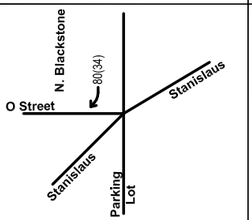
53. Broadway Street / Stanislaus Street



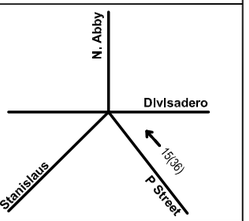
54. Van Ness Avenue / Stanislaus Street



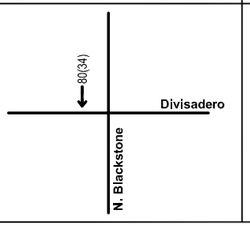
55. N. Blackstone Avenue / Stanislaus Street / O Street



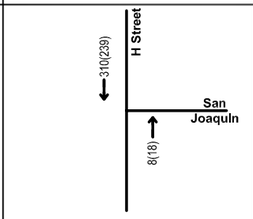
56. N. Abby Street / Divisadero Street / P Street / Stanislaus Street



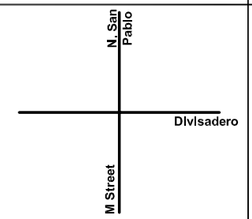
57. N. Blackstone Avenue / Divisadero Street



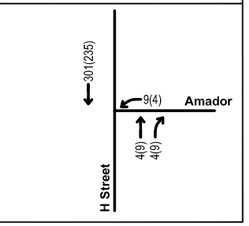
58. H Street / San Joaquin Street



59. M Street / Divisadero Street / N. San Pablo Avenue



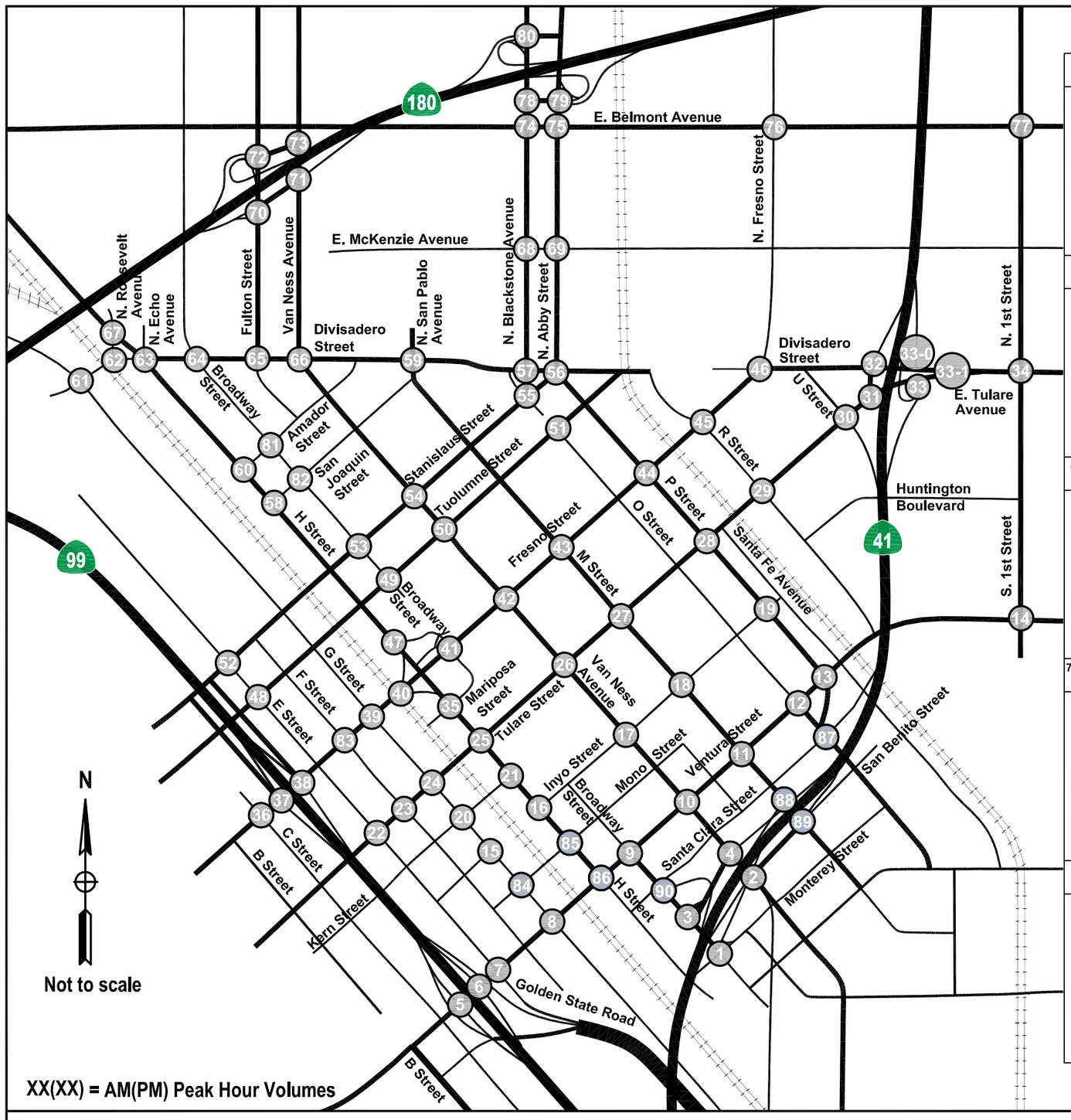
60. H Street / Amador Street



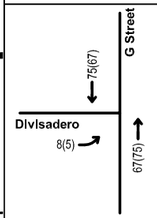
California High-Speed Train Program EIR/EIS

Fresno Station Tulare Overpass Alternative - Existing Conditions Project-only Trips

Figure 5.1-5c



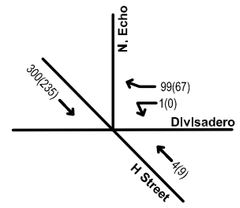
61. G Street / Divisadero Street



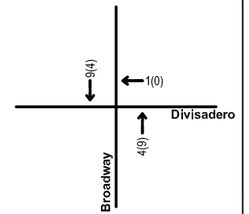
62. N. Roosevelt Avenue / Divisadero Avenue

INTERSECTION CLOSED

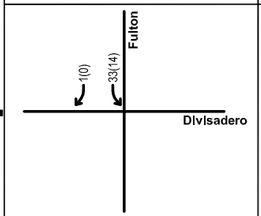
63. H Street / Divisadero Street / N. Echo Avenue



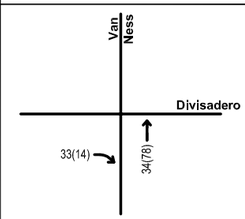
64. Broadway Street / Divisadero Street



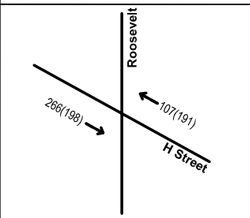
65. Fulton Street / Divisadero Street



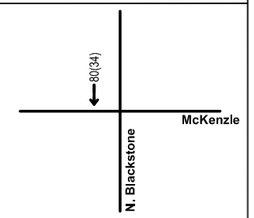
66. Van Ness Avenue / Divisadero Street



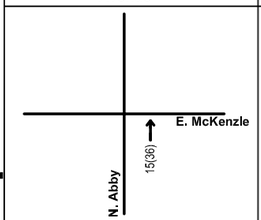
67. H Street / Roosevelt Street



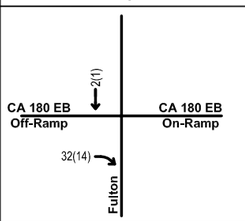
68. N. Blackstone Avenue / E. McKenzie Avenue



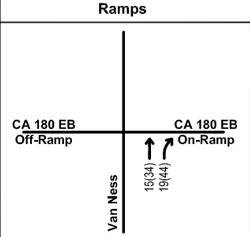
69. N. Abby Street / E. McKenzie Avenue



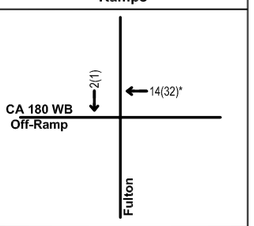
70. Fulton Street / CA 180 EB Ramps



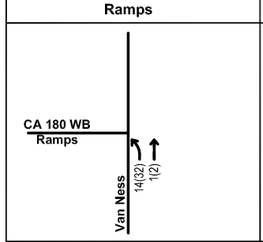
71. Van Ness Avenue / CA 180 EB Ramps



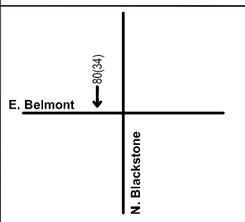
72. Fulton Street / CA 180 WB Ramps



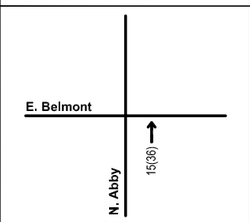
73. Van Ness Avenue / CA 180 WB Ramps



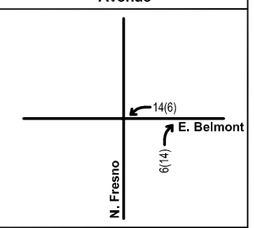
74. N. Blackstone Avenue / E. Belmont Avenue



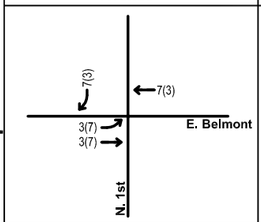
75. N. Abby Street / E. Belmont Avenue



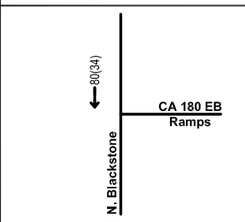
76. N. Fresno Street / E. Belmont Avenue



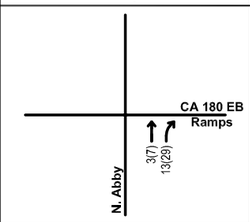
77. N. 1st Street / E. Belmont Avenue



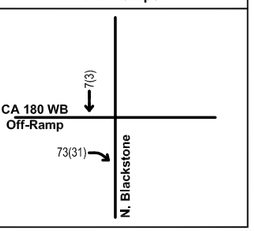
78. N. Blackstone Avenue / CA 180 EB Ramps



79. N. Abby Street / CA 180 EB Ramps



80. N. Blackstone Avenue / CA 180 WB Ramps

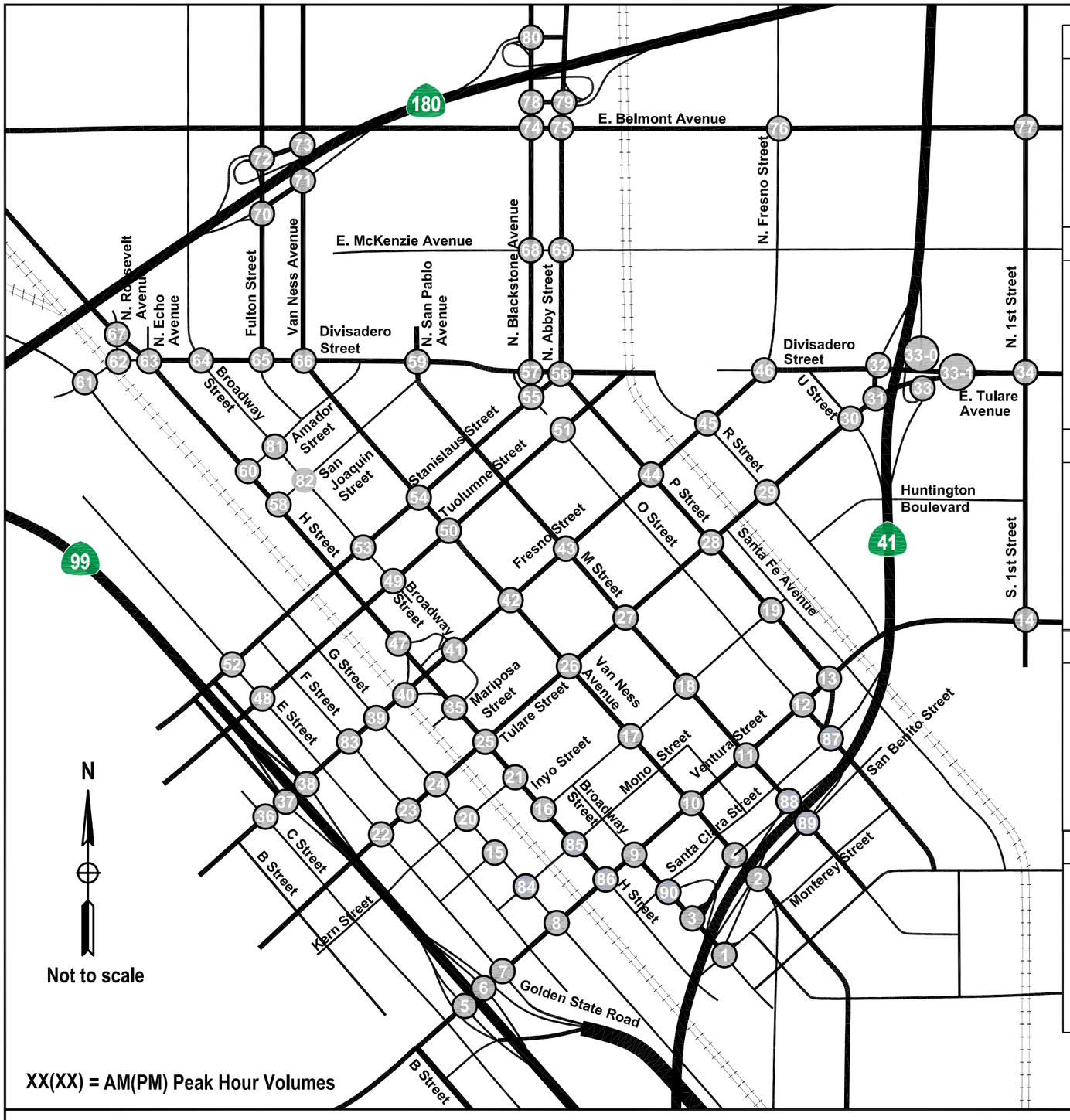


Note:
*XX(XX) = Volume going to CA 180 WB On-Ramp

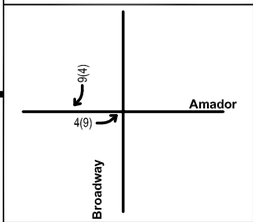
California High-Speed Train Program EIR/EIS

Fresno Station Tulare Overpass Alternative - Existing Conditions Project-only Trips

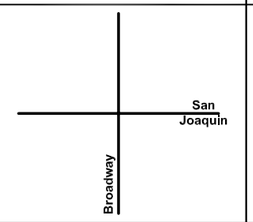
Figure 5.1-5d



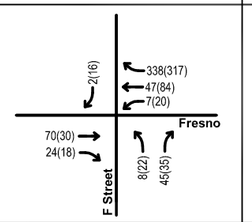
81. Broadway Street / Amador Street



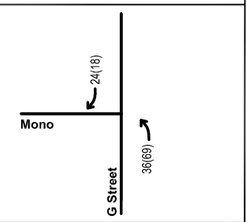
82. Broadway Street / San Joaquin Street



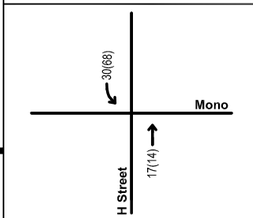
83. F Street / Fresno Street



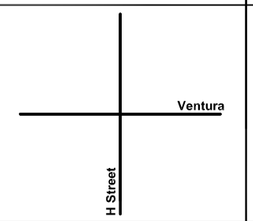
84. G Street / Mono Street



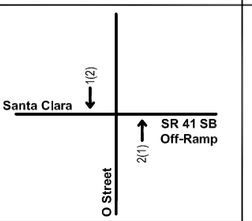
85. H Street / Mono Street



86. H Street / Ventura Street

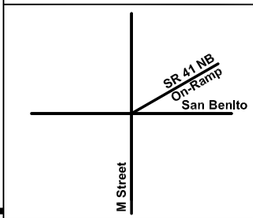


87. O Street / Santa Clara Street - SR 41 SB Off-Ramp

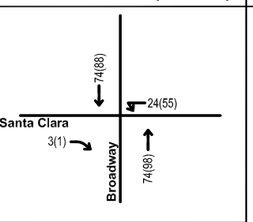


88. M Street / SR 41 SB On-Ramp

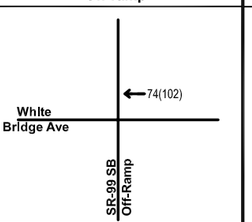
89. M Street / San Benito Street - SR 41 NB On-Ramp



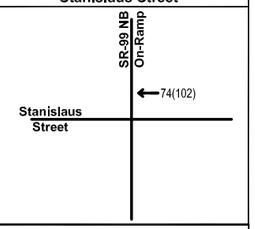
90. Broadway Street / Santa Clara Street - SR 41 SB Loop On-Ramp



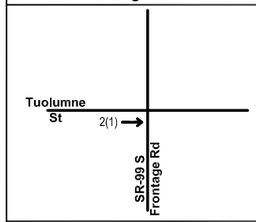
105. Stanislaus Street / SR 99 SB Off-ramp



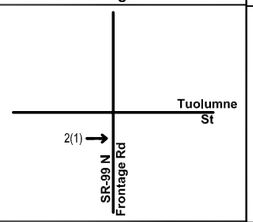
106 . SR-99 NB On-ramp / Stanislaus Street



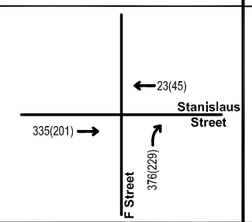
107. Tuolumne St / SR-99 S Frontage Rd



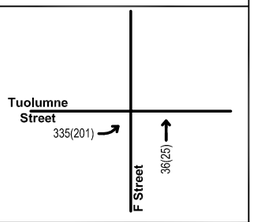
108. Tuolumne Street / SR 99 N Frontage Rd



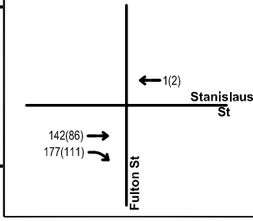
109. Stanislaus Street / F St



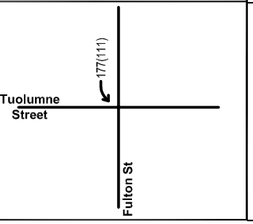
110. F Street / Tuolumne Street



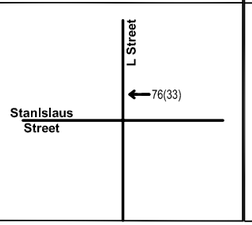
111. Stanislaus St / Fulton St



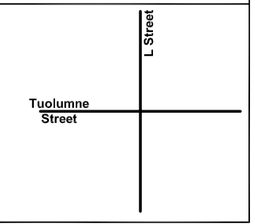
112. Fulton St / Tuolumne St



113. Stanislaus Street / L Street



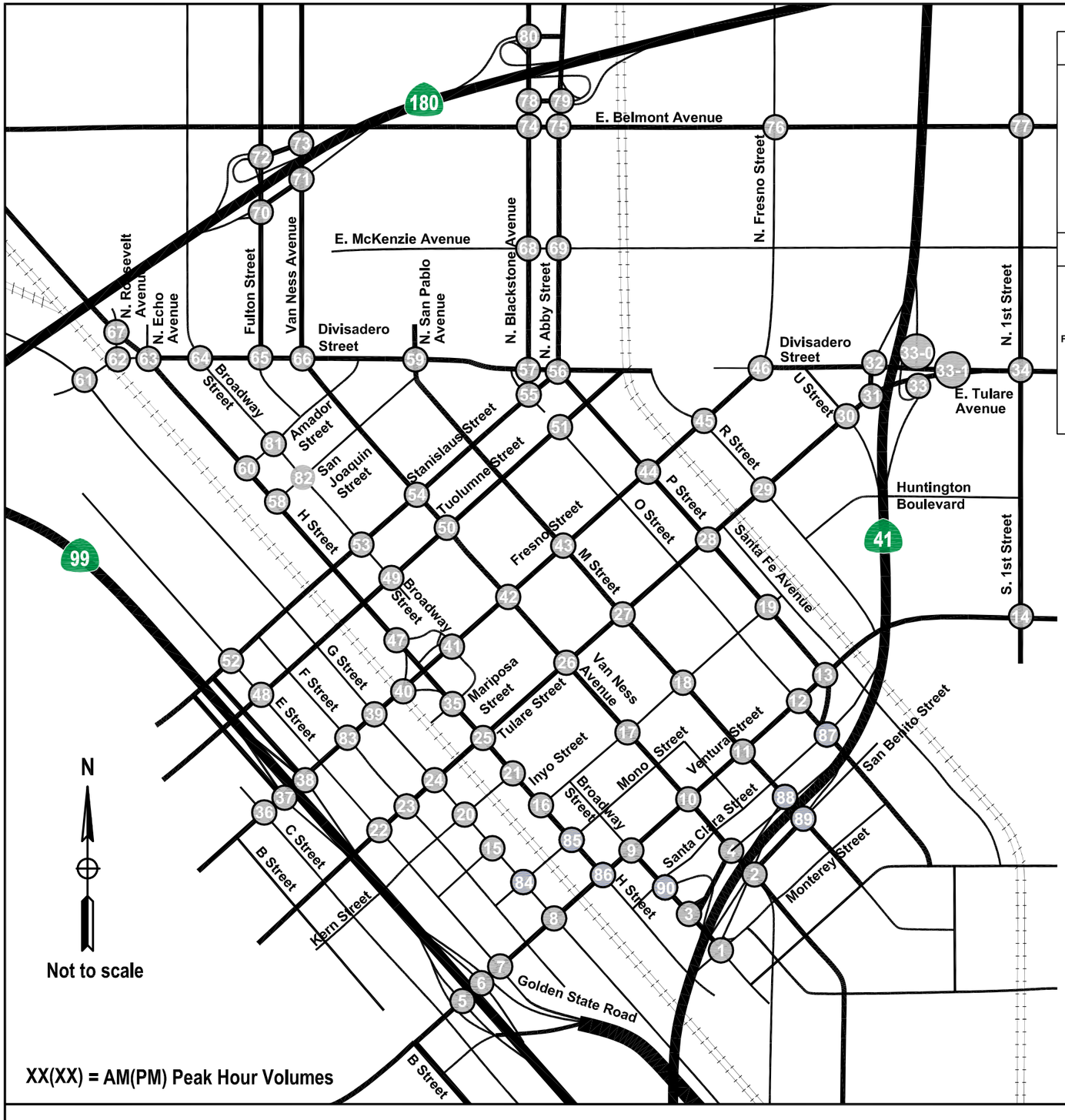
114.Tuolumne Street / L Street



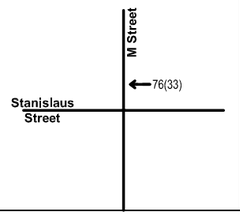
California High-Speed Train Program EIR/EIS

Fresno Station Tulare Overpass Alternative - Existing Conditions Project-only Trips

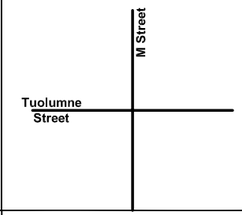
Figure 5.1-5e



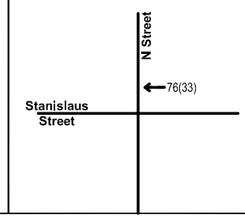
115. Stanislaus Street / M Street



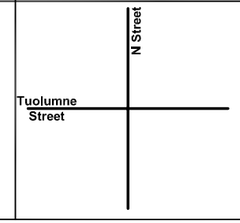
116. Tuolumne Street / M Street



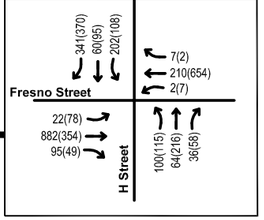
117. Stanislaus Street / N Street



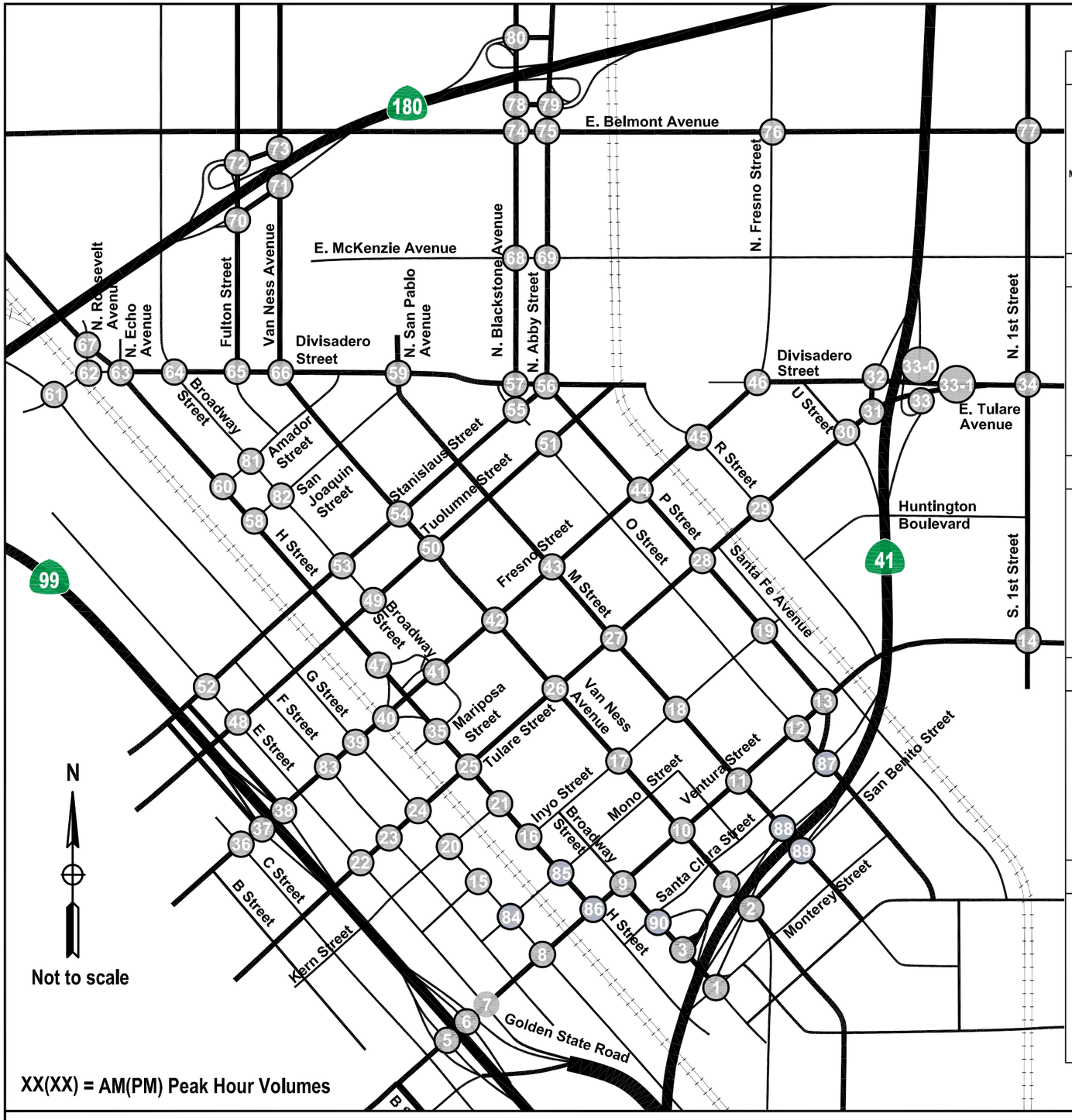
118. Tuolumne St / N Street



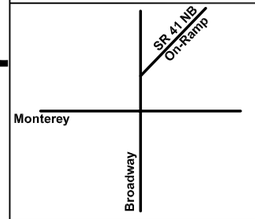
40. Fresno Street / H Street



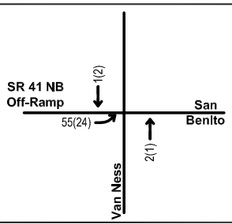
California High-Speed Train Program EIR/EIS	Fresno Station Tulare Overpass Alternative - Existing Conditions Project-only Trips	Figure 5.1-5f



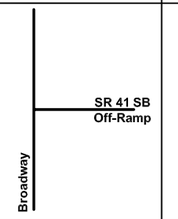
1. Broadway Street / SR 41 NB On-Ramp / Monterey Street



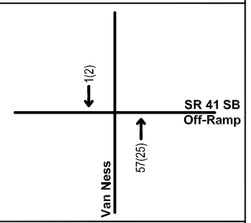
2. Van Ness Avenue / SR 41 NB Off-Ramp / San Benito Street



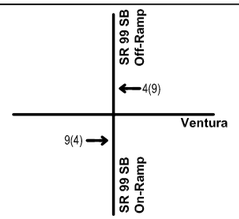
3. Broadway Street / SR 41 SB Off-Ramp



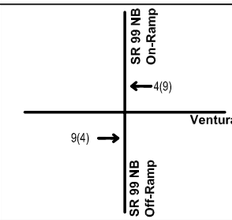
4. Van Ness Avenue / SR 41 SB Off-Ramp



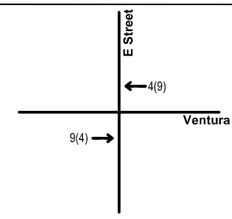
5. SR 99 SB Ramps / Ventura Avenue



6. SR 99 NB Ramps / Ventura Avenue



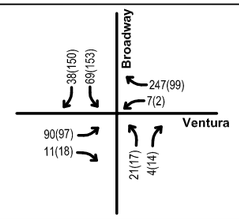
7. E Street / Ventura Avenue



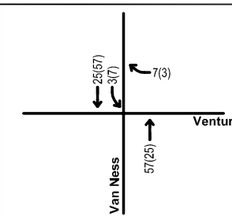
8. G Street / Ventura Avenue

INTERSECTION CLOSED

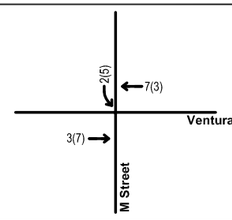
9. Broadway Street / Ventura Avenue



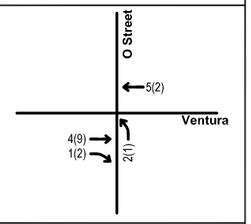
10. Van Ness Avenue / Ventura Street



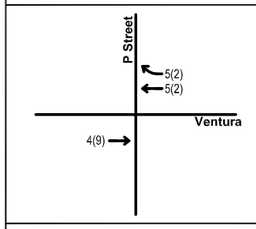
11. M Street / Ventura Street



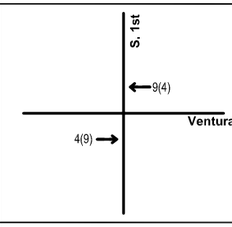
12. O Street / Ventura Avenue



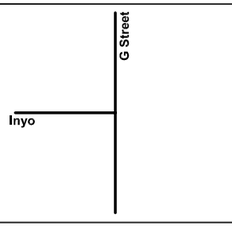
13. P Street / Ventura Avenue



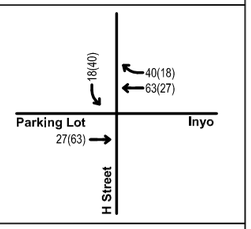
14. S. 1st Street / Ventura Avenue



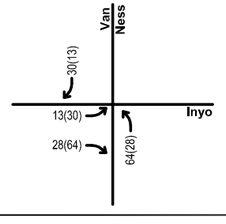
15. G Street / Inyo Street



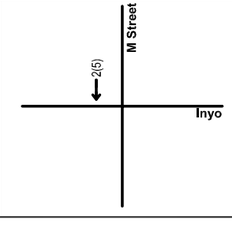
16. H Street / Inyo Street



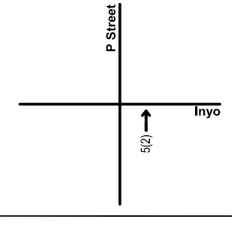
17. Van Ness Street / Inyo Street



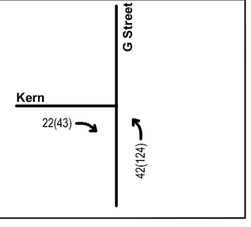
18. M Street / Inyo Street



19. P Street / Inyo Street



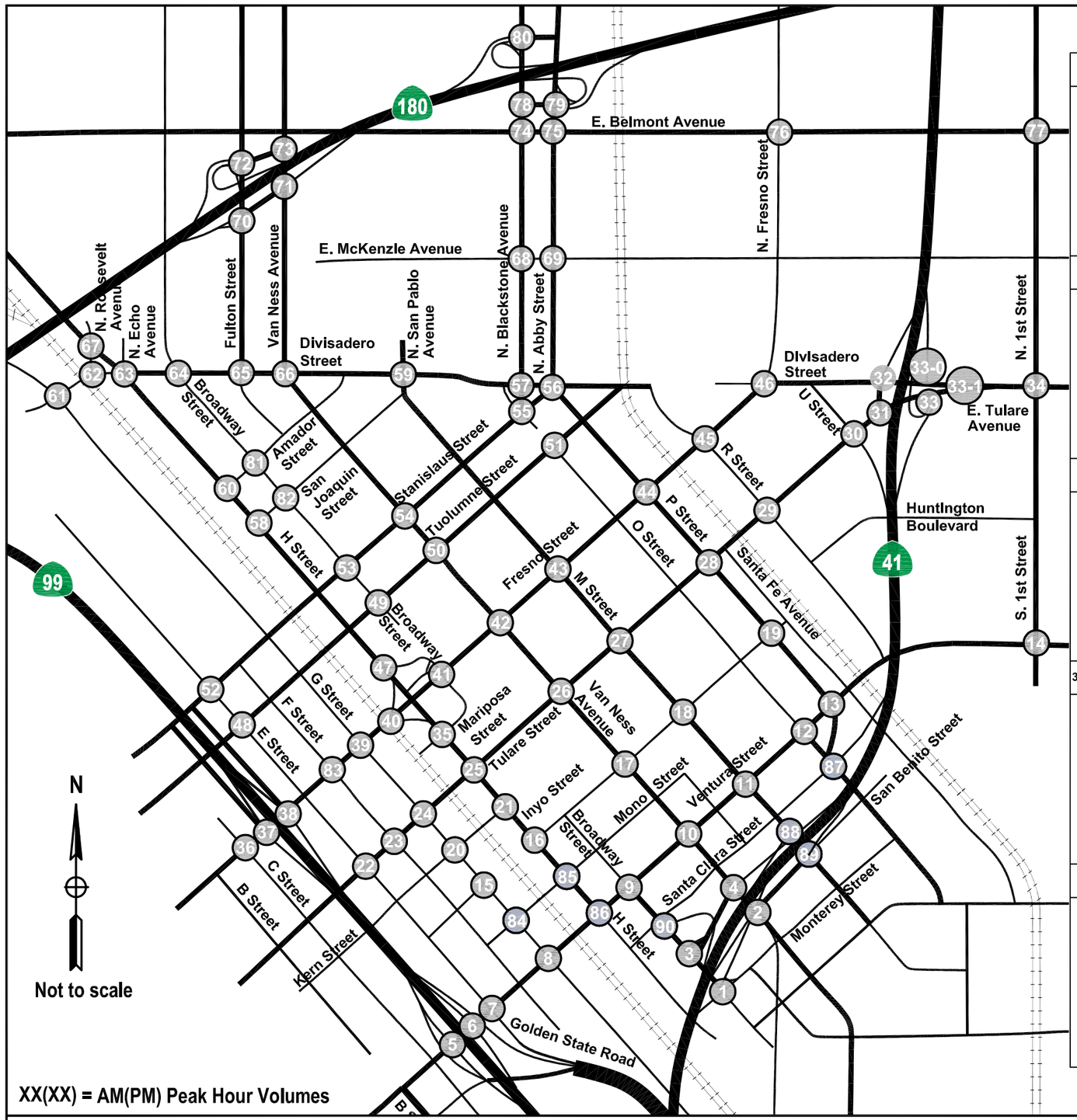
20. G Street / Kern Street

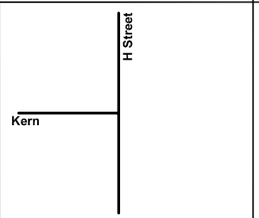
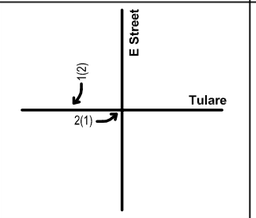
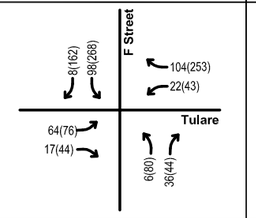
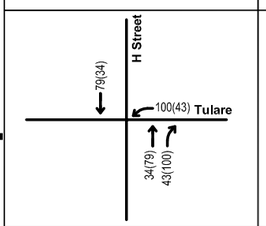
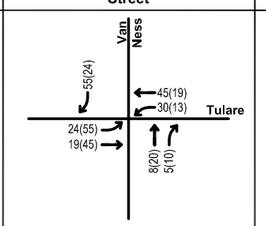
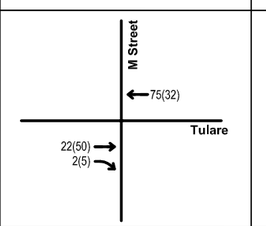
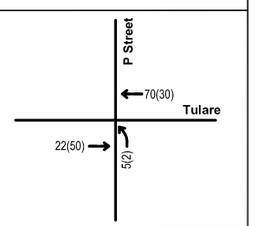
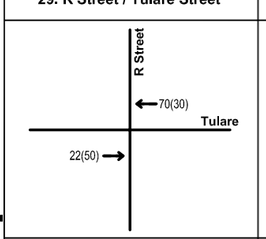
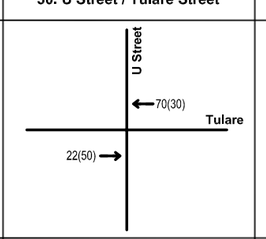
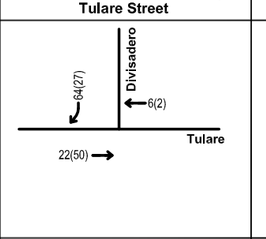
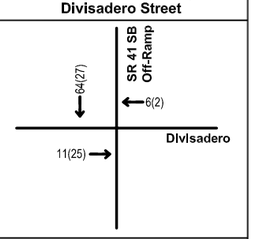
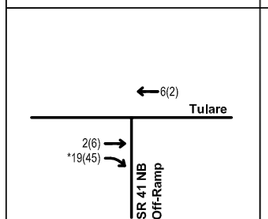
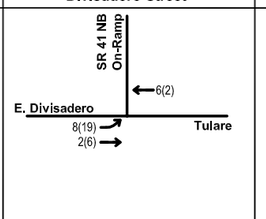
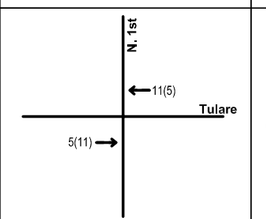
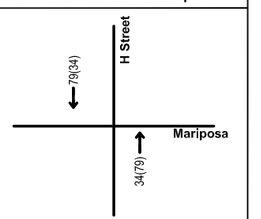
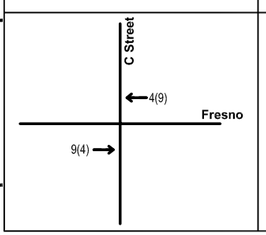
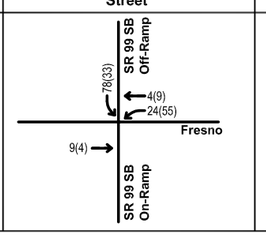
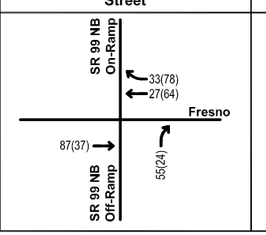


California High-Speed Train Program EIR/EIS

Fresno Station Tulare Underpass Alternative - Future Conditions Project-only Trips

Figure 5.1-6a



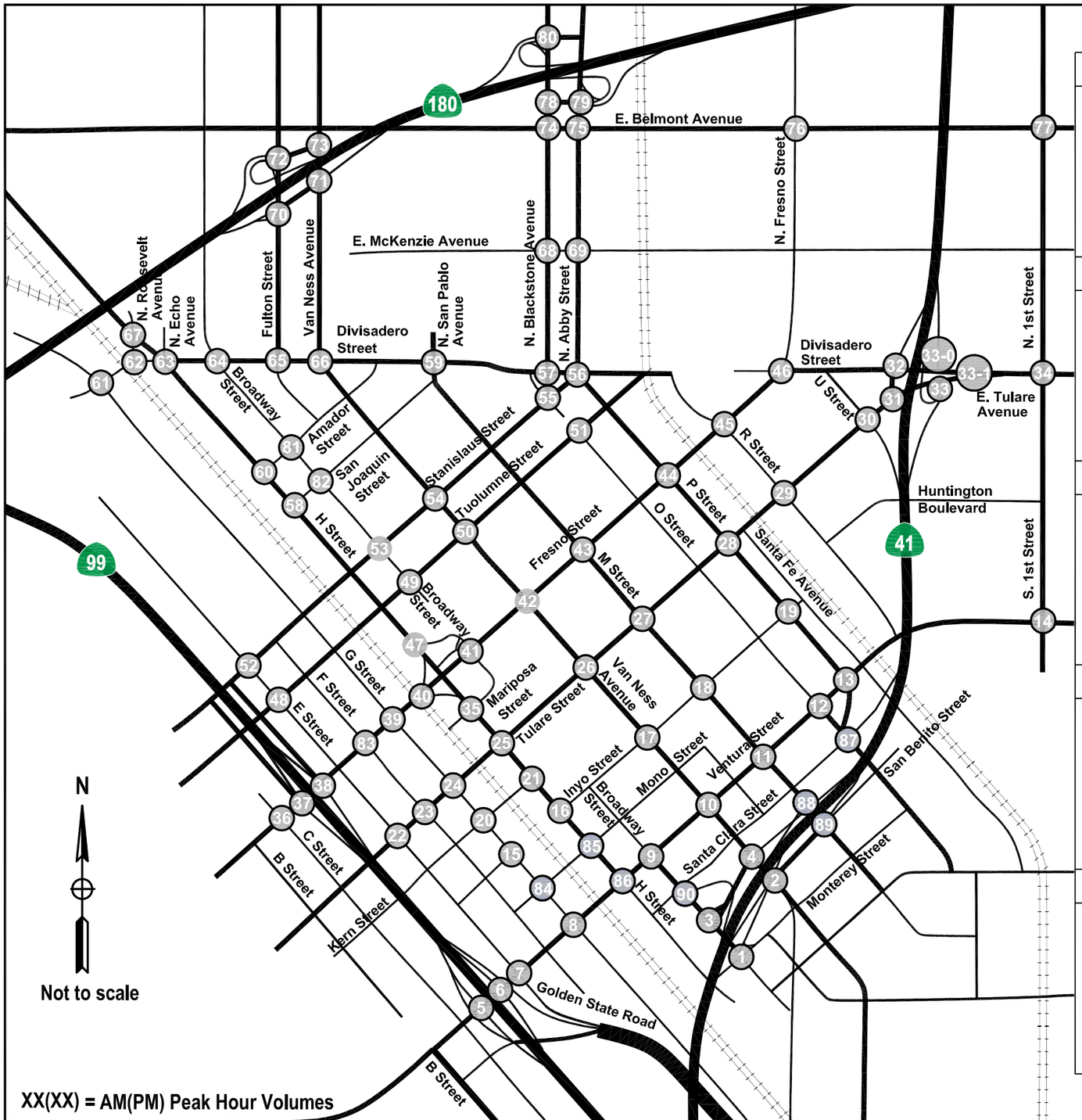
21. H Street / Kern Street	22. E Street / Tulare Street	23. F Street / Tulare Street	24. G Street / Tulare Street
			INTERSECTION CLOSED
25. H Street / Tulare Street	**26. Van Ness Avenue / Tulare Street**	**27. M Street / Tulare Street**	**28. P Street / Tulare Street**
			
29. R Street / Tulare Street	**30. U Street / Tulare Street**	**31. Divisadero Street Off-Ramp / Tulare Street**	**32. SR 41 SB Off-Ramp / Divisadero Street**
			
33. SR 41 NB Ramps / Tulare Street	**33-0. SR 41 NB On-Ramp / E. Divisadero Street**	**34. N. 1st Street / Tulare Street**	**35. H Street / Mariposa Street / Fresno Street Ramp**
			
36. C Street / Fresno Street	**37. SR 99 SB Ramps / Fresno Street**	**38. SR 99 NB Ramps / Fresno Street**	**39. G Street / Fresno Street**
			INTERSECTION CLOSED

Note:
*XX(XX) Volume going to SR 41 NB On-Ramp

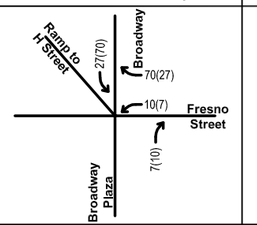
California High-Speed Train Program EIR/EIS

Fresno Station Tulare Underpass Alternative - Future Conditions Project-only Trips

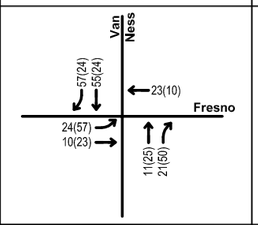
Figure 5.1-6b



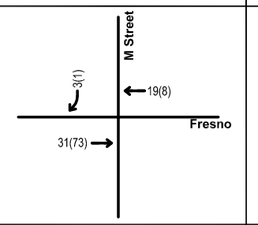
41. Broadway Street / Fresno Street / H Street Ramp



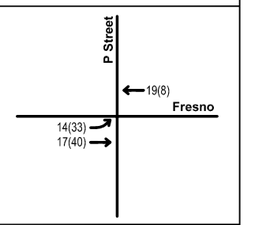
42. Van Ness Avenue / Fresno Street



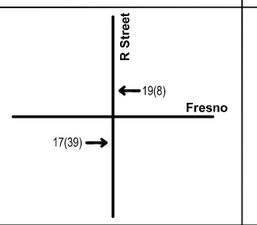
43. M Street / Fresno Street



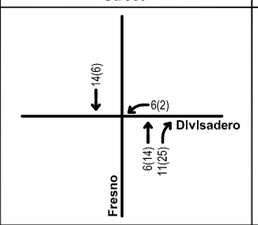
44. P Street / Fresno Street



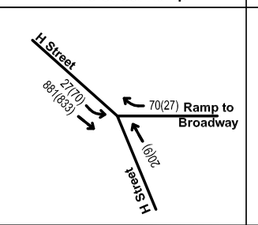
45. R Street / Fresno Street



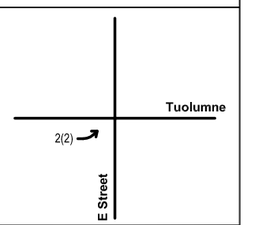
46. Fresno Street / Divisadero Street



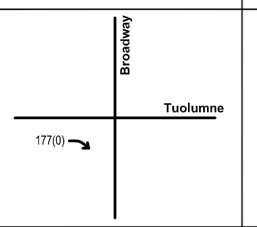
47. H Street / Broadway Street / Fresno Street Ramp



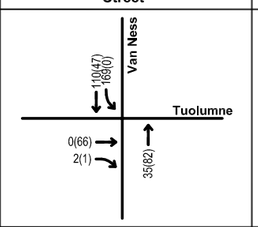
48. E Street / Tuolumne Street



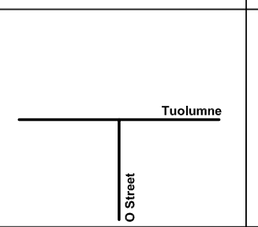
49. Broadway / Tuolumne Street



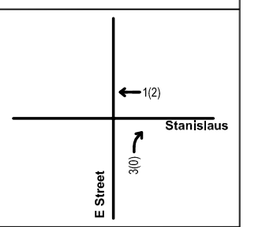
50. Van Ness Avenue / Tuolumne Street



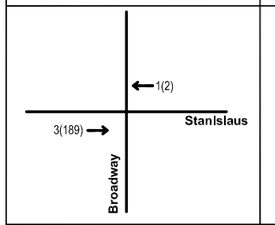
51. O Street / Tuolumne Street



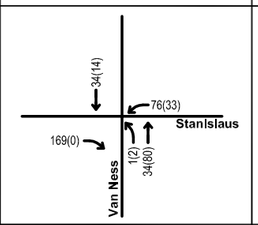
52. E Street / Stanislaus Street



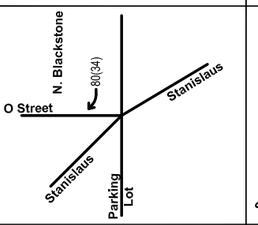
53. Broadway Street / Stanislaus Street



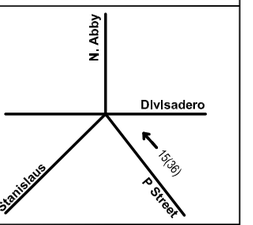
54. Van Ness Avenue / Stanislaus Street



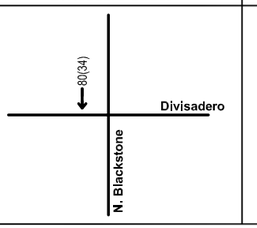
55. N. Blackstone Avenue / Stanislaus Street / O Street



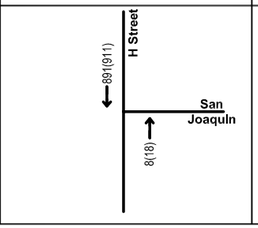
56. N. Abby Street / Divisadero Street / P Street / Stanislaus Street



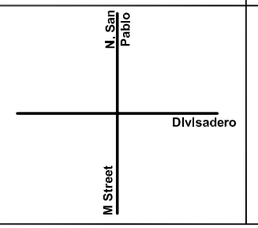
57. N. Blackstone Avenue / Divisadero Street



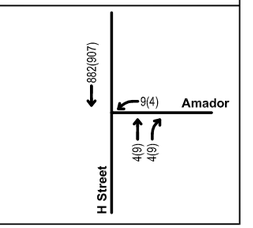
58. H Street / San Joaquin Street



59. M Street / Divisadero Street / N. San Pablo Avenue



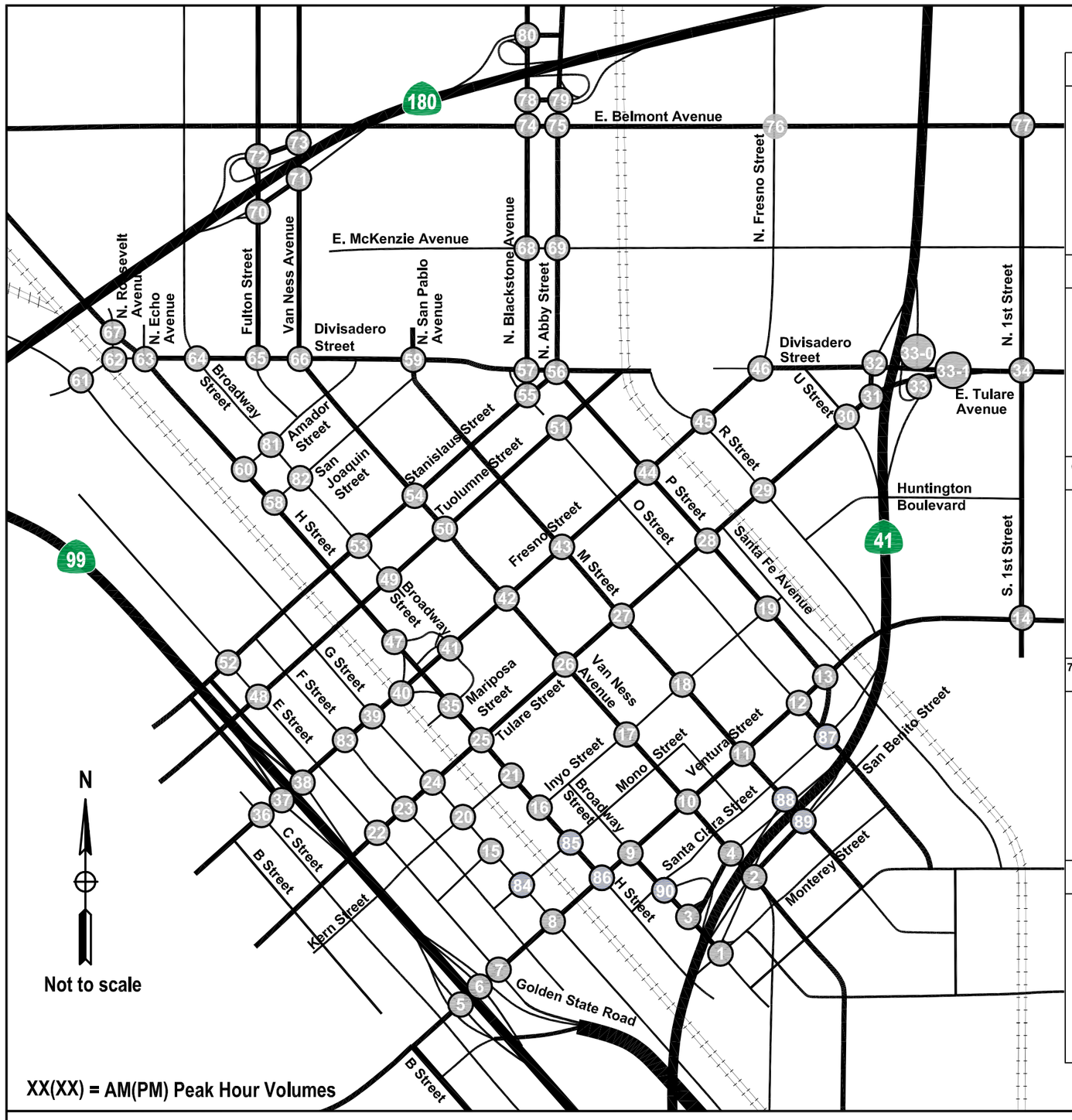
60. H Street / Amador Street



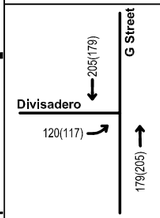
California High-Speed Train Program EIR/EIS

Fresno Station Tulare Underpass Alternative - Future Conditions Project-only Trips

Figure 5.1-6c



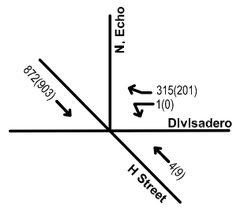
61. G Street / Divisadero Street



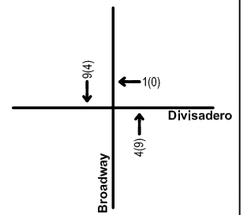
62. N. Roosevelt Avenue / Divisadero Avenue

INTERSECTION CLOSED

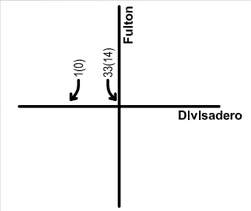
63. H Street / Divisadero Street / N. Echo Avenue



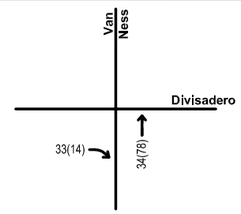
64. Broadway Street / Divisadero Street



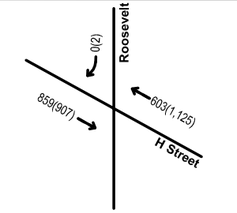
65. Fulton Street / Divisadero Street



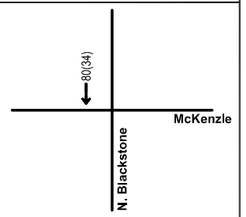
66. Van Ness Avenue / Divisadero Street



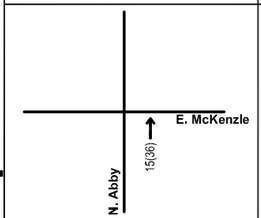
67. H Street / Roosevelt Street



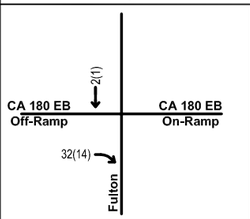
68. N. Blackstone Avenue / E. McKenzie Avenue



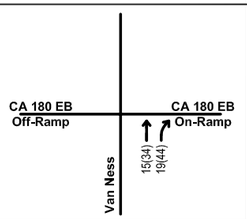
69. N. Abby Street / E. McKenzie Avenue



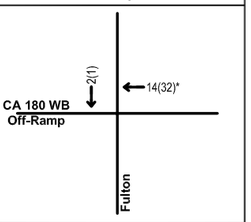
70. Fulton Street / CA 180 EB Ramps



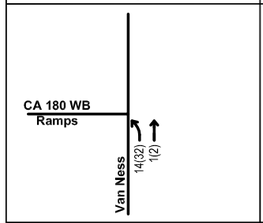
71. Van Ness Avenue / CA 180 EB Ramps



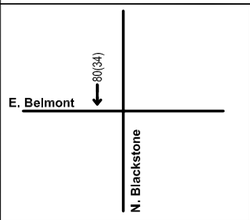
72. Fulton Street / CA 180 WB Ramps



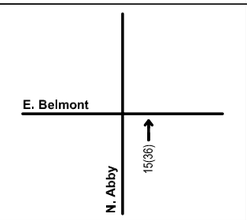
73. Van Ness Avenue / CA 180 WB Ramps



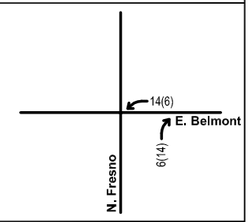
74. N. Blackstone Avenue / E. Belmont Avenue



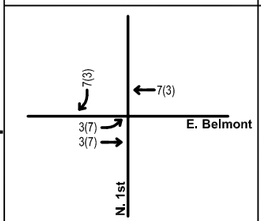
75. N. Abby Street / E. Belmont Avenue



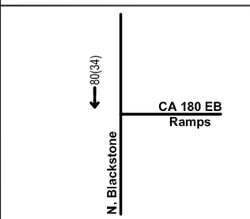
76. N. Fresno Street / E. Belmont Avenue



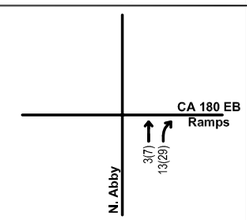
77. N. 1st Street / E. Belmont Avenue



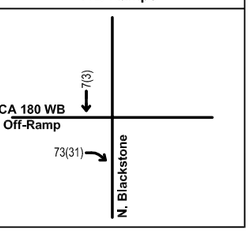
78. N. Blackstone Avenue / CA 180 EB Ramps



79. N. Abby Street / CA 180 EB Ramps



80. N. Blackstone Avenue / CA 180 WB Ramps

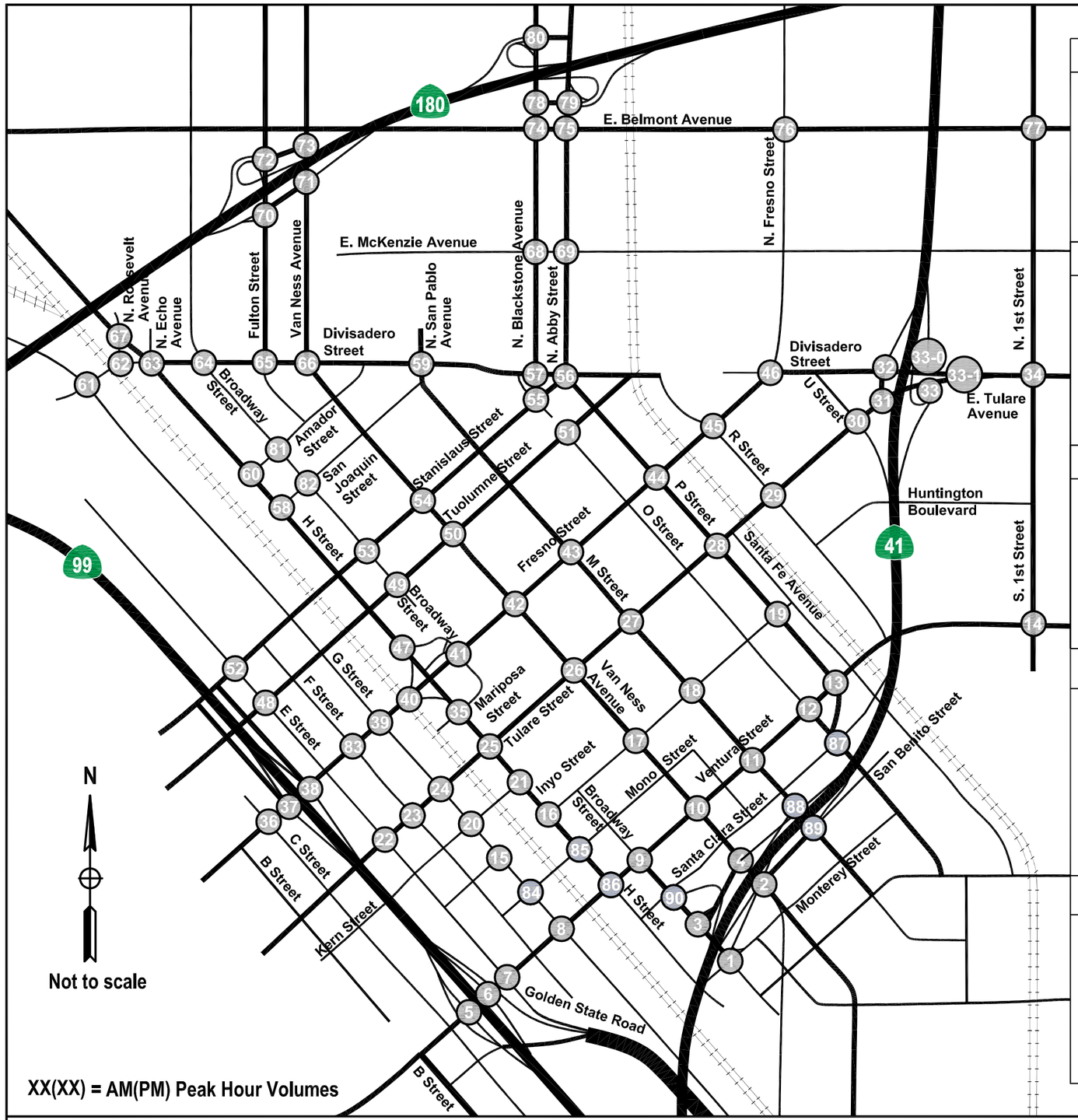


Note:
*XX(XX) = Volume going to CA 180 WB On-Ramp

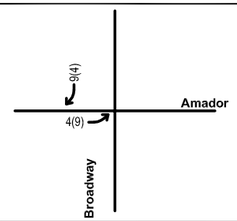
California High-Speed Train Program EIR/EIS

Fresno Station Tulare Underpass Alternative - Future Conditions Project-only Trips

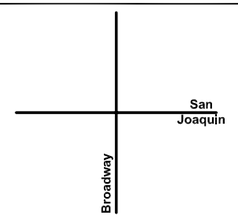
Figure 5.1-6d



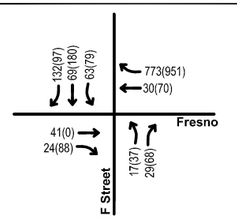
81. Broadway Street / Amador Street



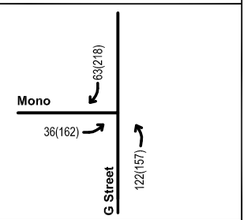
82. Broadway Street / San Joaquin Street



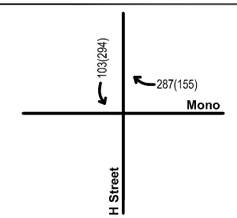
83. F Street / Fresno Street



84. G Street / Mono Street



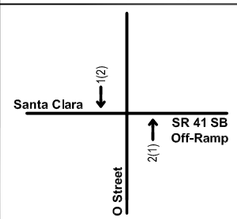
85. H Street / Mono Street



86. H Street / Ventura Street

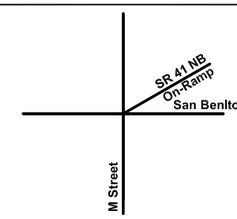
INTERSECTION CLOSED

87. O Street / Santa Clara Street - SR 41 SB Off-Ramp

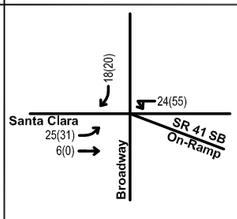


88. M Street / SR 41 SB On-Ramp

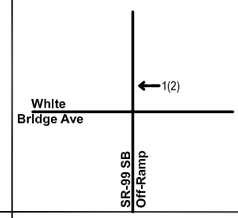
89. M Street / San Benito Street - SR 41 NB On-Ramp



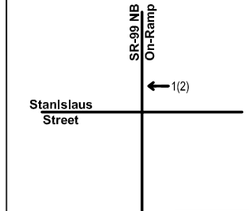
90. Broadway Street / Santa Clara Street - SR 41 SB Loop On-Ramp



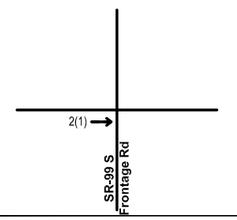
105. Stanislaus Street / SR 99 SB Off-ramp



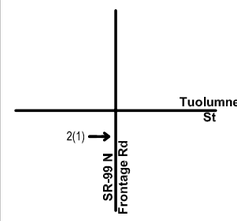
106 . SR-99 NB On-ramp / Stanislaus Street



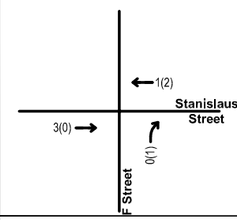
107. Tuolumne St / SR-99 S Frontage Rd



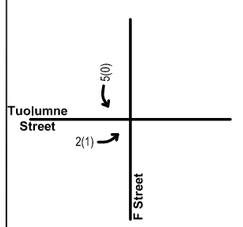
108. Tuolumne Street / SR 99 N Frontage Rd



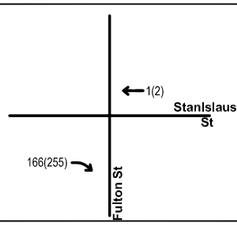
109. Stanislaus Street / F St



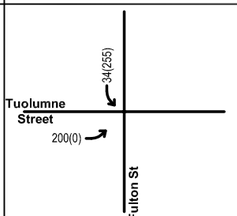
110. F Street / Tuolumne Street



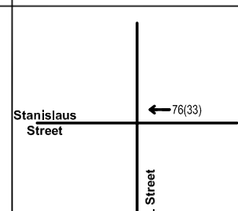
111. Stanislaus St / Fulton St



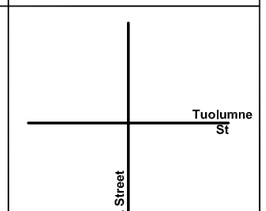
112. Fulton St / Tuolumne St



113. Stanislaus Street / L Street



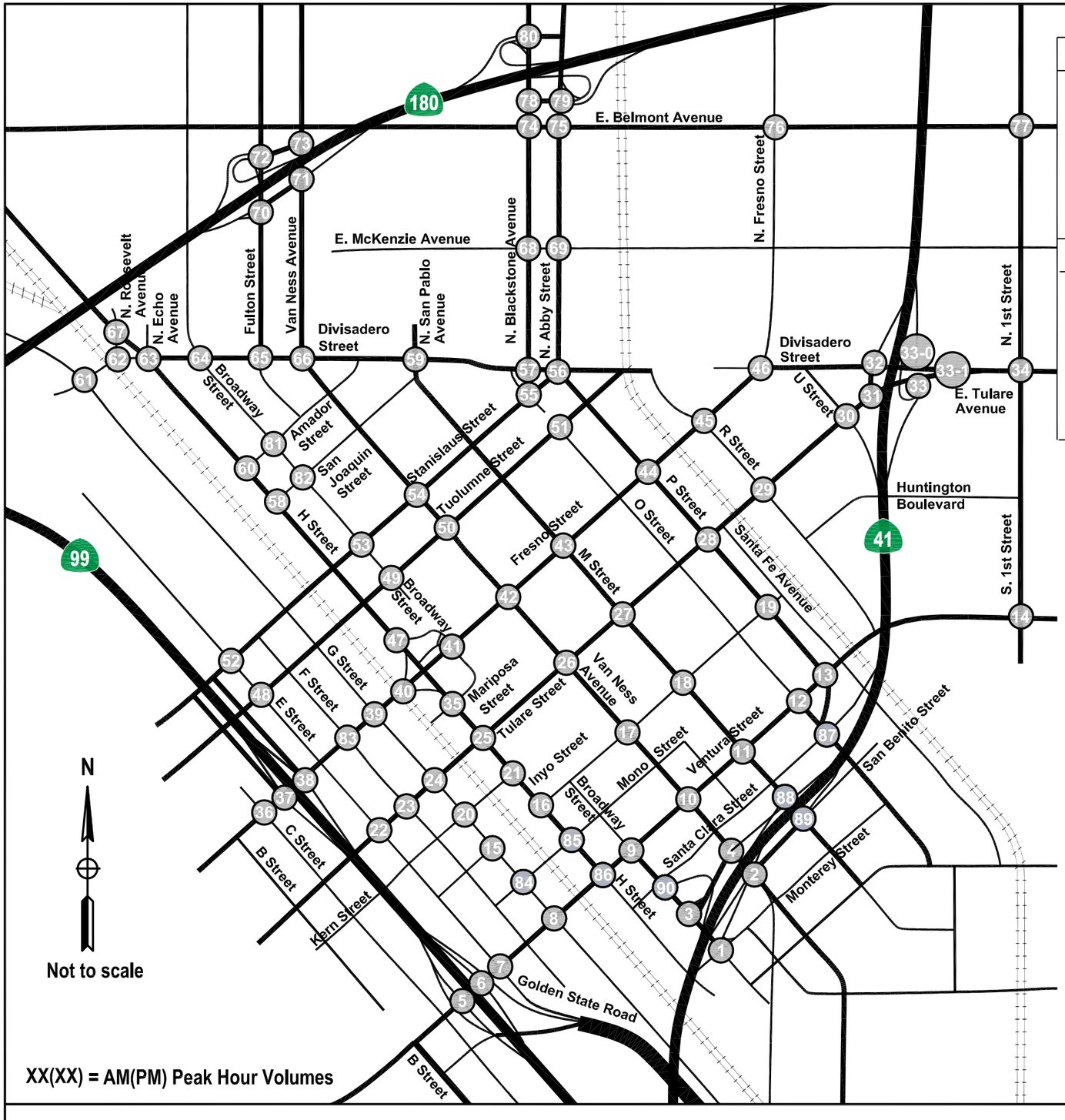
114.Tuolumne Street / L Street



California High-Speed Train Program EIR/EIS

Fresno Station Tulare Underpass Alternative - Future Conditions Project-only Trips

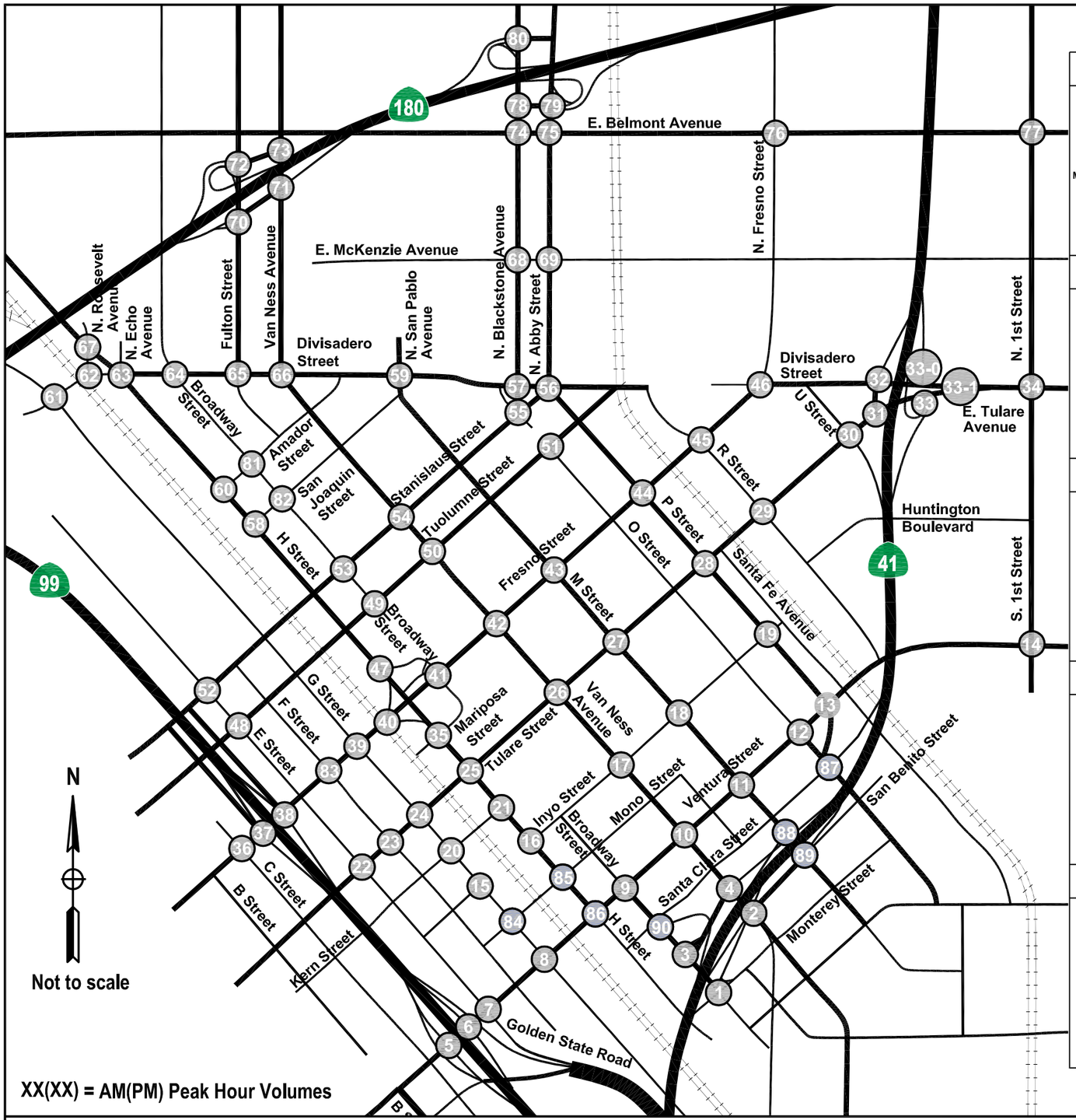
Figure 5.1-6e



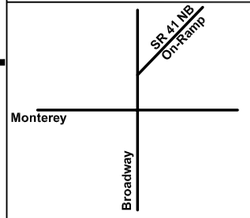
115. Stanislaus Street / M Street	116. Tuolumne Street / M Street	117. Stanislaus Street / N Street	118. Tuolumne St / N Street
Stanislaus Street ← 76(33); M Street	Tuolumne St; M Street	Stanislaus Street ← 80(34); N Street	Tuolumne St; N Street

40. Fresno Street / H Street
Fresno Street ← 872(803); H Street

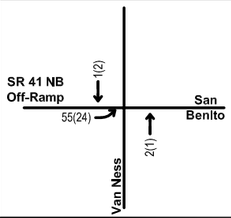
California High-Speed Train Program EIR/EIS	Fresno Station Tulare Underpass Alternative - Future Conditions Project-only Trips	Figure 5.1-6f



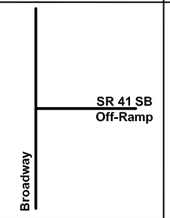
1. Broadway Street / SR 41 NB On-Ramp / Monterey Street



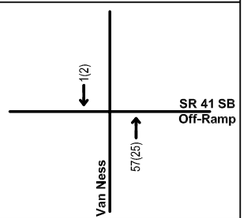
2. Van Ness Avenue / SR 41 NB Off-Ramp / San Benito Street



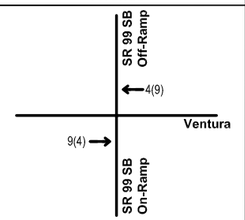
3. Broadway Street / SR 41 SB Off-Ramp



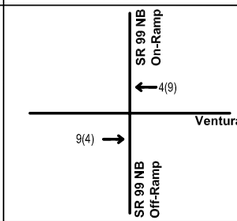
4. Van Ness Avenue / SR 41 SB Off-Ramp



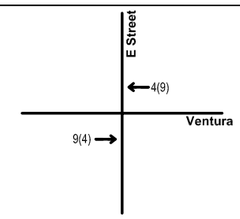
5. SR 99 SB Ramps / Ventura Avenue



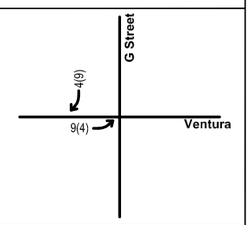
6. SR 99 NB Ramps / Ventura Avenue



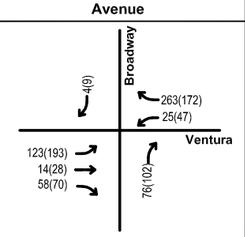
7. E Street / Ventura Avenue



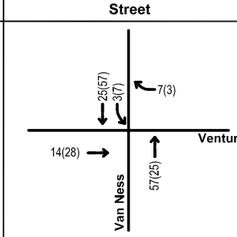
8. G Street / Ventura Avenue



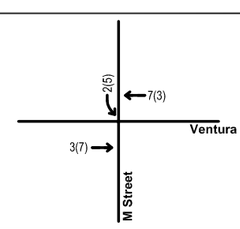
9. Broadway Street / Ventura Avenue



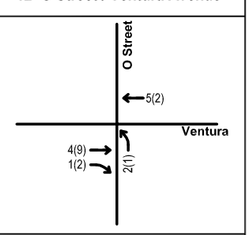
10. Van Ness Avenue / Ventura Street



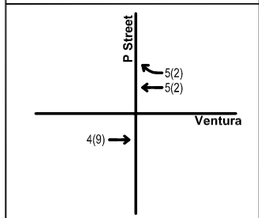
11. M Street / Ventura Street



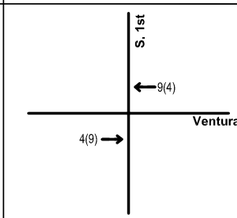
12. O Street / Ventura Avenue



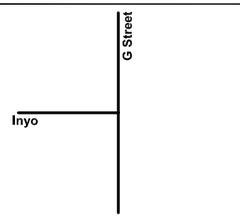
13. P Street / Ventura Avenue



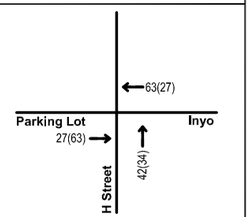
14. S. 1st Street / Ventura Avenue



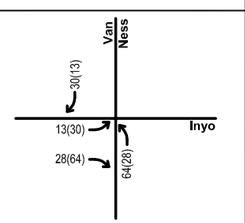
15. G Street / Inyo Street



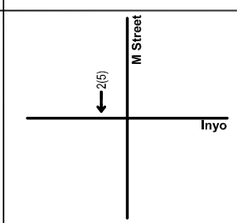
16. H Street / Inyo Street



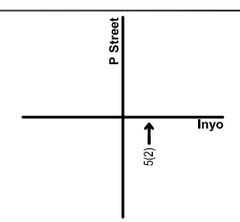
17. Van Ness Street / Inyo Street



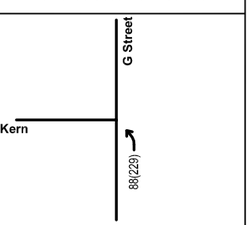
18. M Street / Inyo Street



19. P Street / Inyo Street



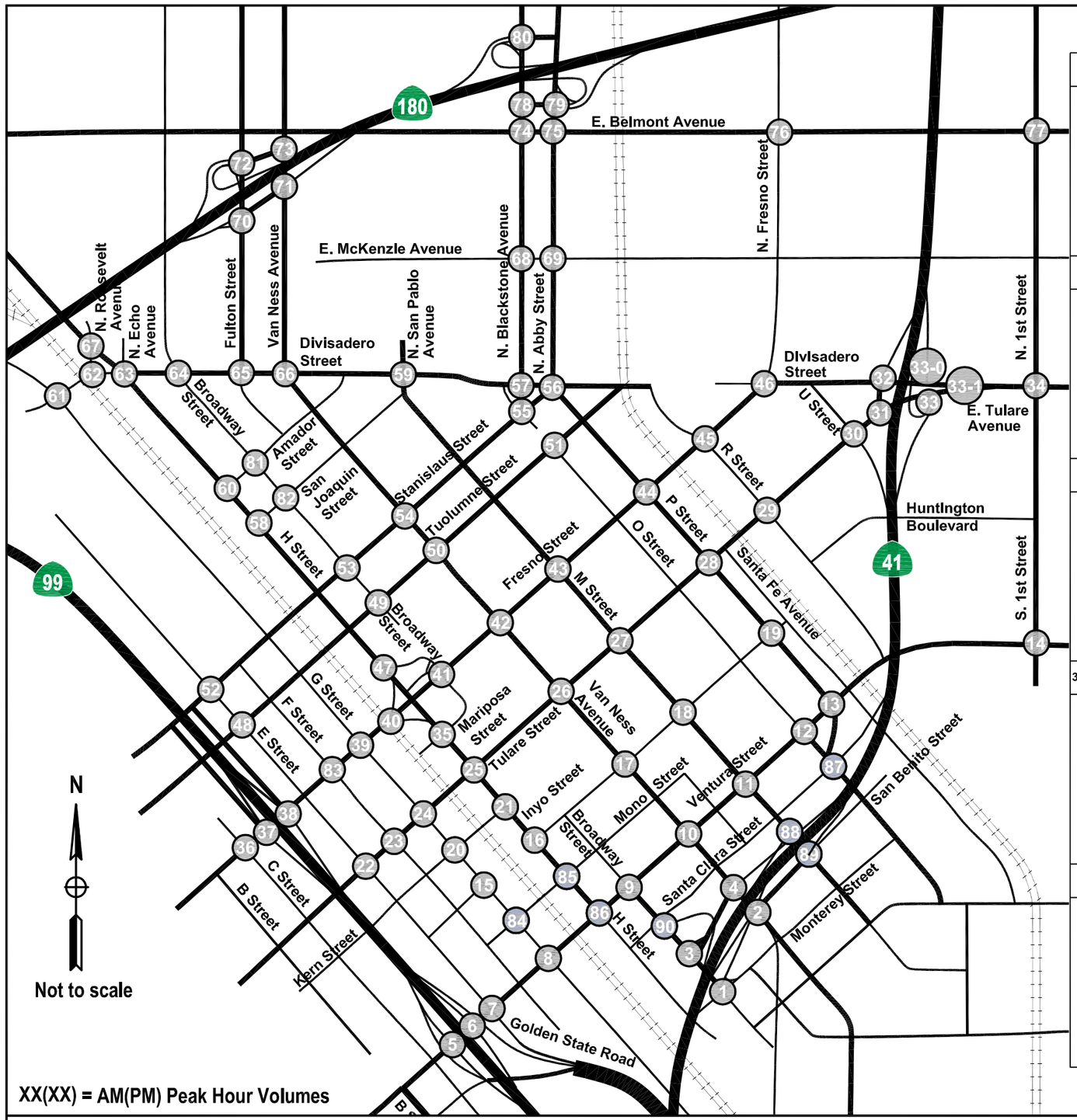
20. G Street / Kern Street

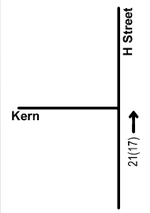
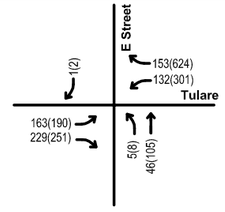
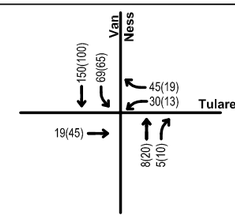
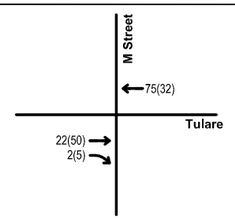
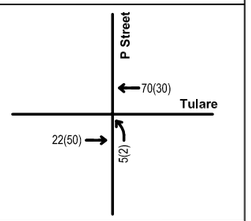
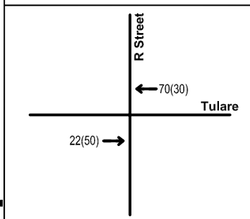
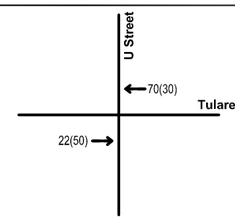
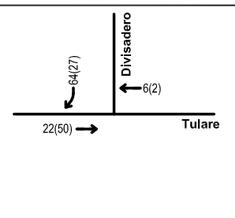
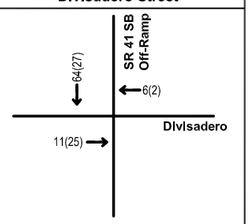
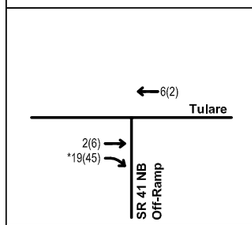
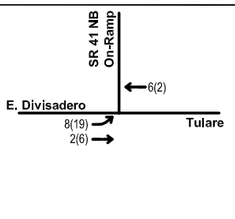
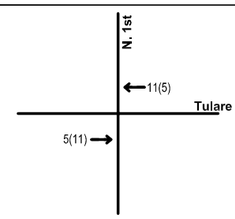
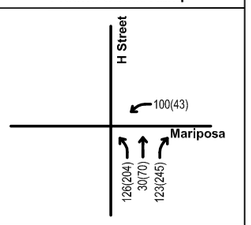
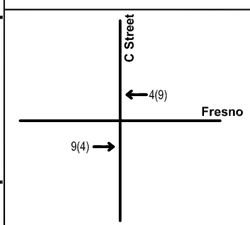
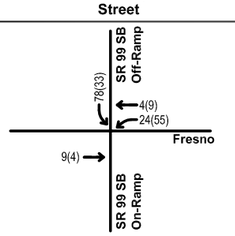
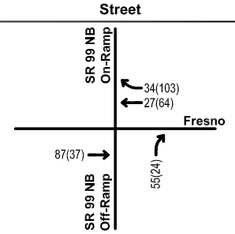
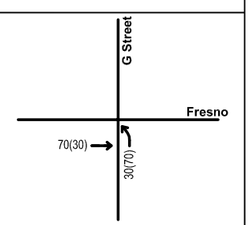


California High-Speed Train Program EIR/EIS

Fresno Station Tulare Overpass Alternative - Future Conditions Project-only Trips

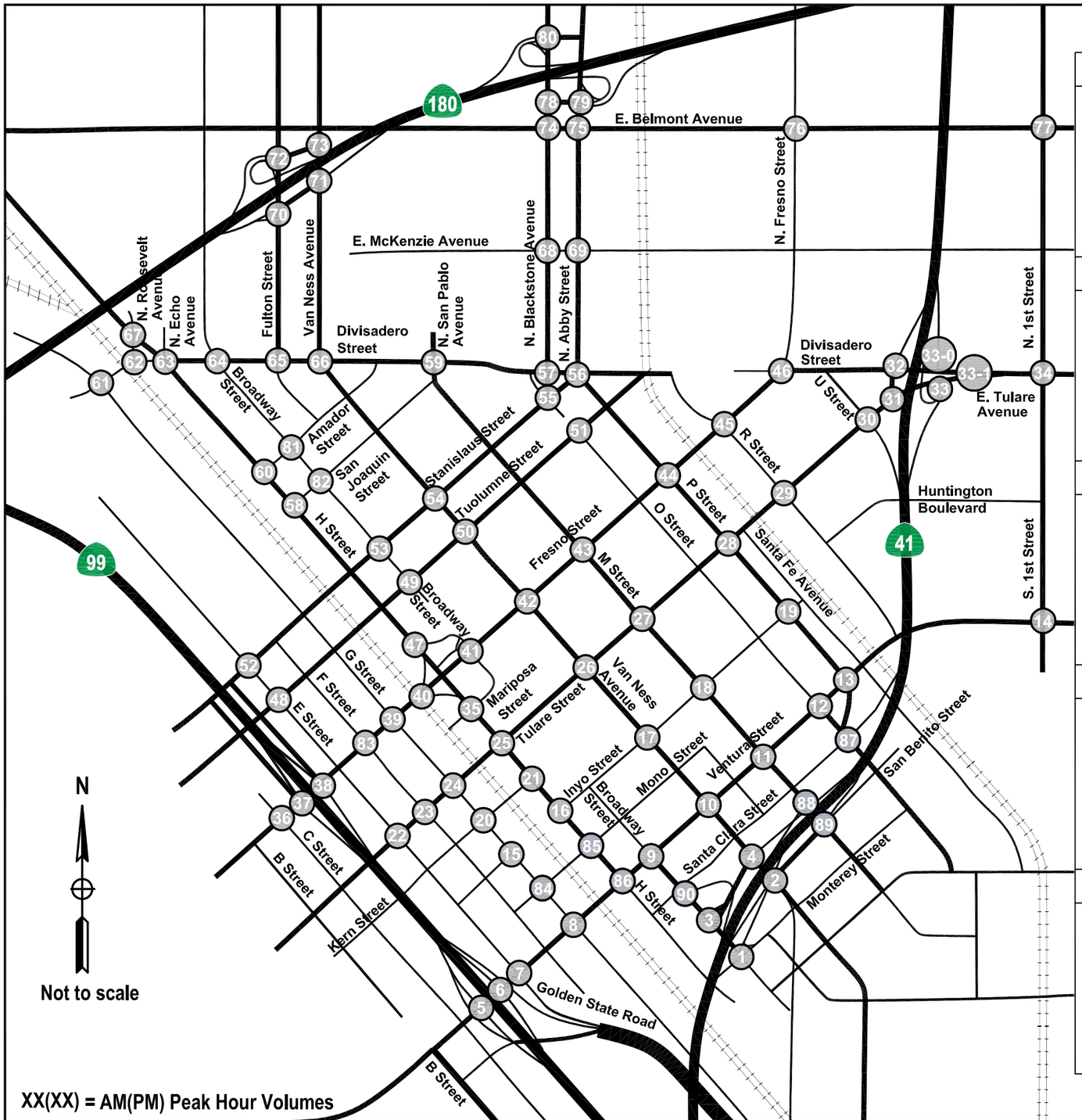
Figure 5.1-7a



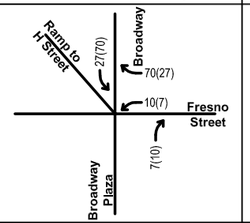
21. H Street / Kern Street	22. E Street / Tulare Street	23. F Street / Tulare Street	24. G Street / Tulare Street
		INTERSECTION CLOSED	INTERSECTION CLOSED
25. H Street / Tulare Street	**26. Van Ness Avenue / Tulare Street**	**27. M Street / Tulare Street**	**28. P Street / Tulare Street**
INTERSECTION CLOSED			
29. R Street / Tulare Street	**30. U Street / Tulare Street**	**31. Divisadero Street Off-Ramp / Tulare Street**	**32. SR 41 SB Off-Ramp / Divisadero Street**
			
33. SR 41 NB Ramps / Tulare Street	**33-0. SR 41 NB On-Ramp / E. Divisadero Street**	**34. N. 1st Street / Tulare Street**	**35. H Street / Mariposa Street / Fresno Street Ramp**
			
36. C Street / Fresno Street	**37. SR 99 SB Ramps / Fresno Street**	**38. SR 99 NB Ramps / Fresno Street**	**39. G Street / Fresno Street**
			

Note:
*XX(XX) Volume going to SR 41 NB On-Ramp

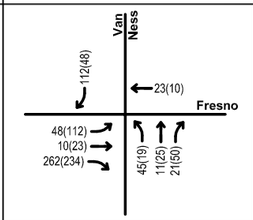
California High-Speed Train Program EIR/EIS	**Fresno Station Tulare Overpass Alternative - Future Conditions Project-only Trips**	**Figure 5.1-7b**



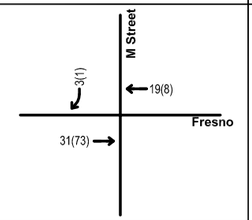
41. Broadway Street / Fresno Street / H Street Ramp



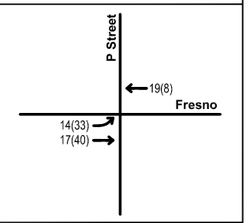
42. Van Ness Avenue / Fresno Street



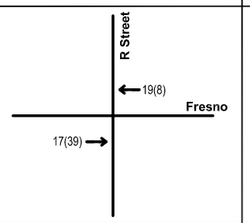
43. M Street / Fresno Street



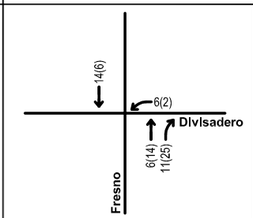
44. P Street / Fresno Street



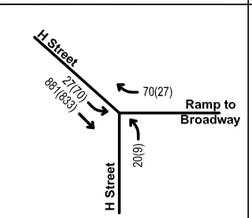
45. R Street / Fresno Street



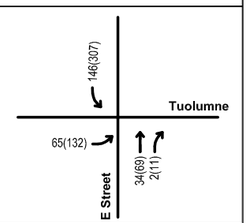
46. Fresno Street / Divisadero Street



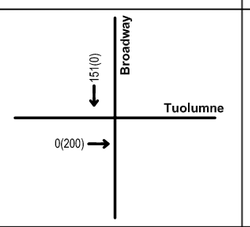
47. H Street / Broadway Street / Fresno Street Ramp



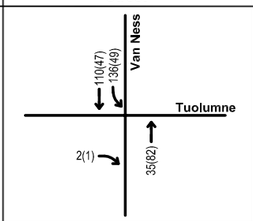
48. E Street / Tuolumne Street



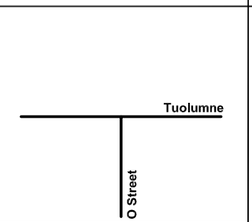
49. Broadway / Tuolumne Street



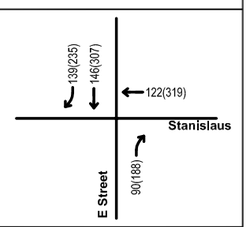
50. Van Ness Avenue / Tuolumne Street



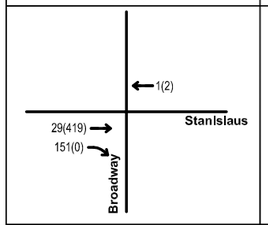
51. O Street / Tuolumne Street



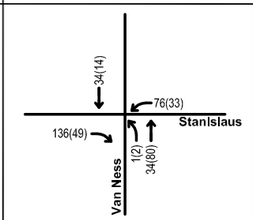
52. E Street / Stanislaus Street



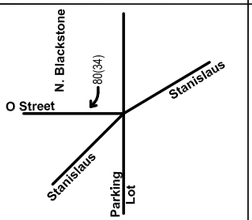
53. Broadway Street / Stanislaus Street



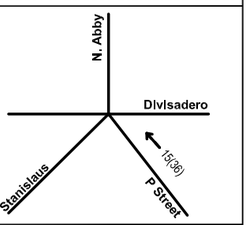
54. Van Ness Avenue / Stanislaus Street



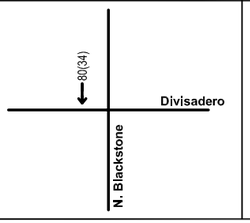
55. N. Blackstone Avenue / Stanislaus Street / O Street



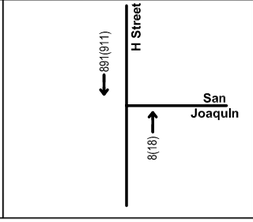
56. N. Abby Street / Divisadero Street / P Street / Stanislaus Street



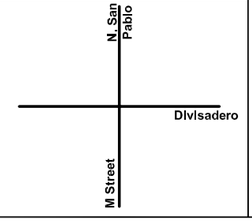
57. N. Blackstone Avenue / Divisadero Street



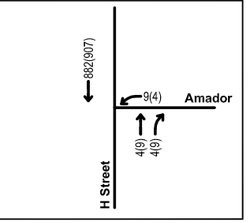
58. H Street / San Joaquin Street



59. M Street / Divisadero Street / N. San Pablo Avenue



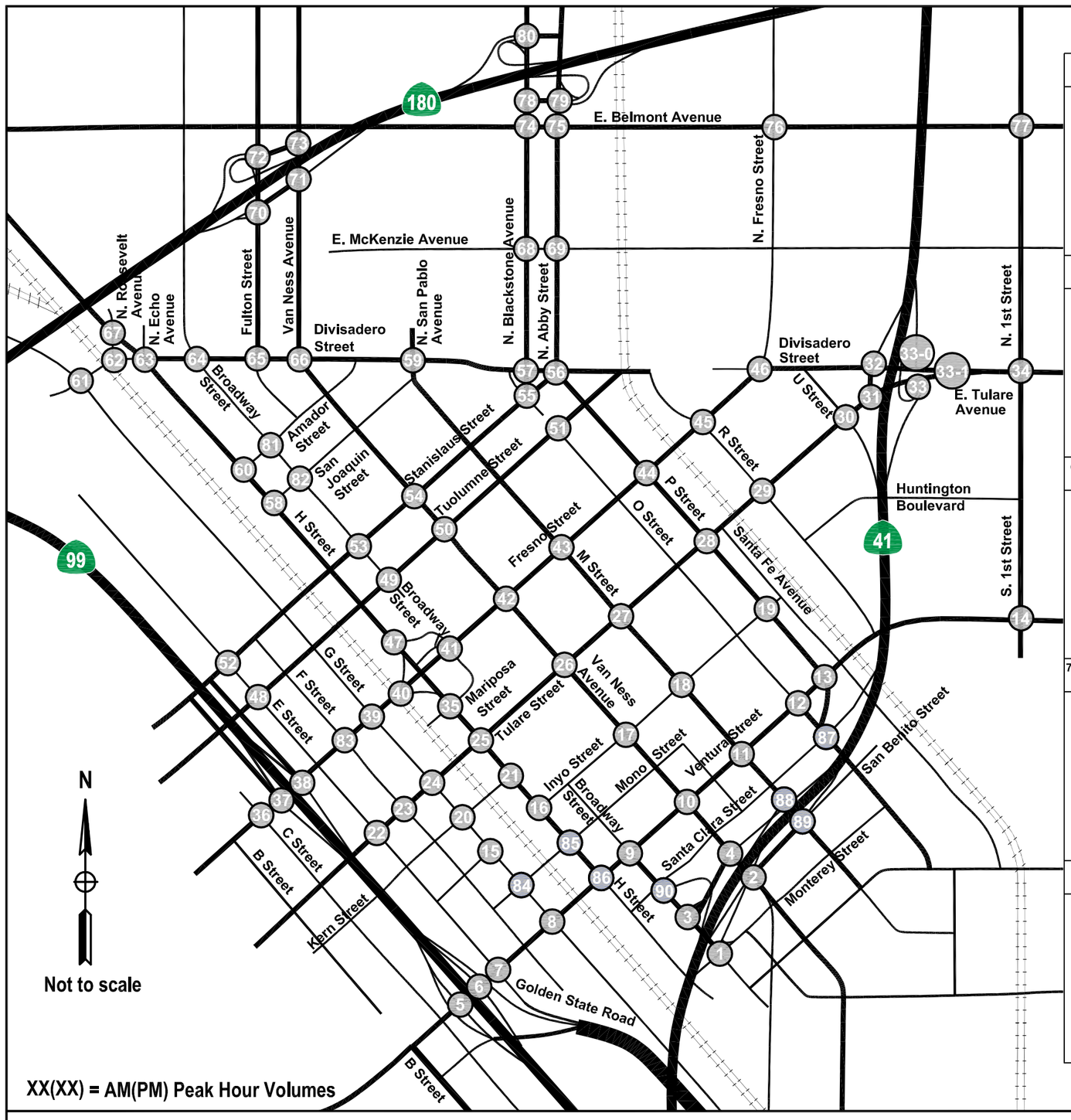
60. H Street / Amador Street

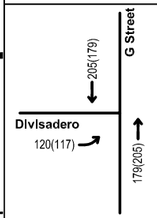
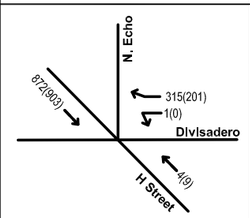
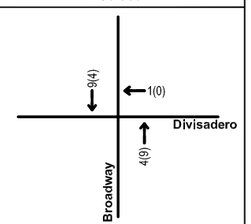
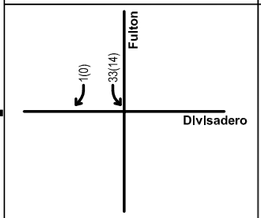
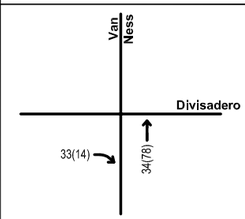
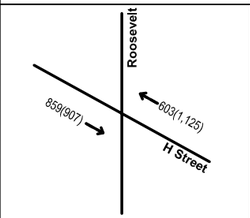
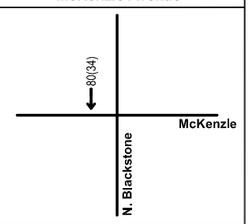
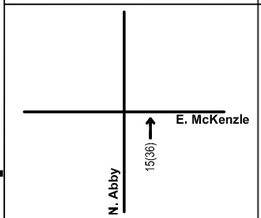
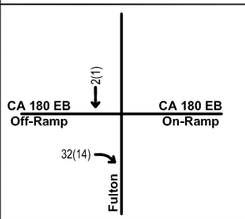
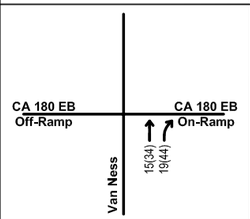
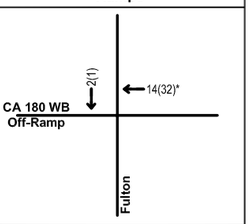
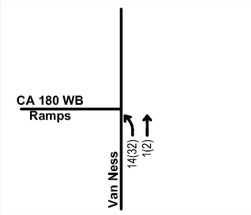
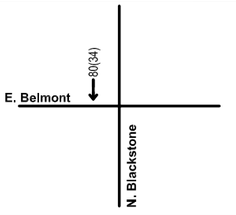
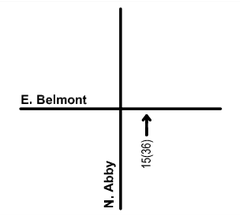
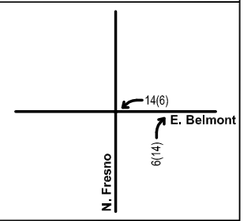
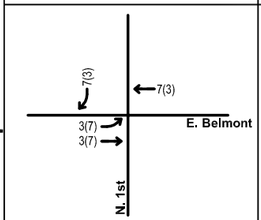
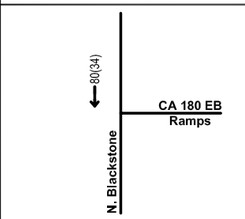
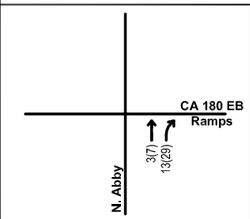
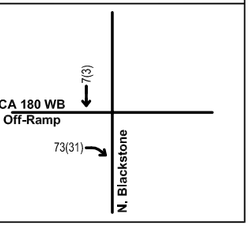


California High-Speed Train Program EIR/EIS

Fresno Station Tulare Overpass Alternative - Future Conditions Project-only Trips

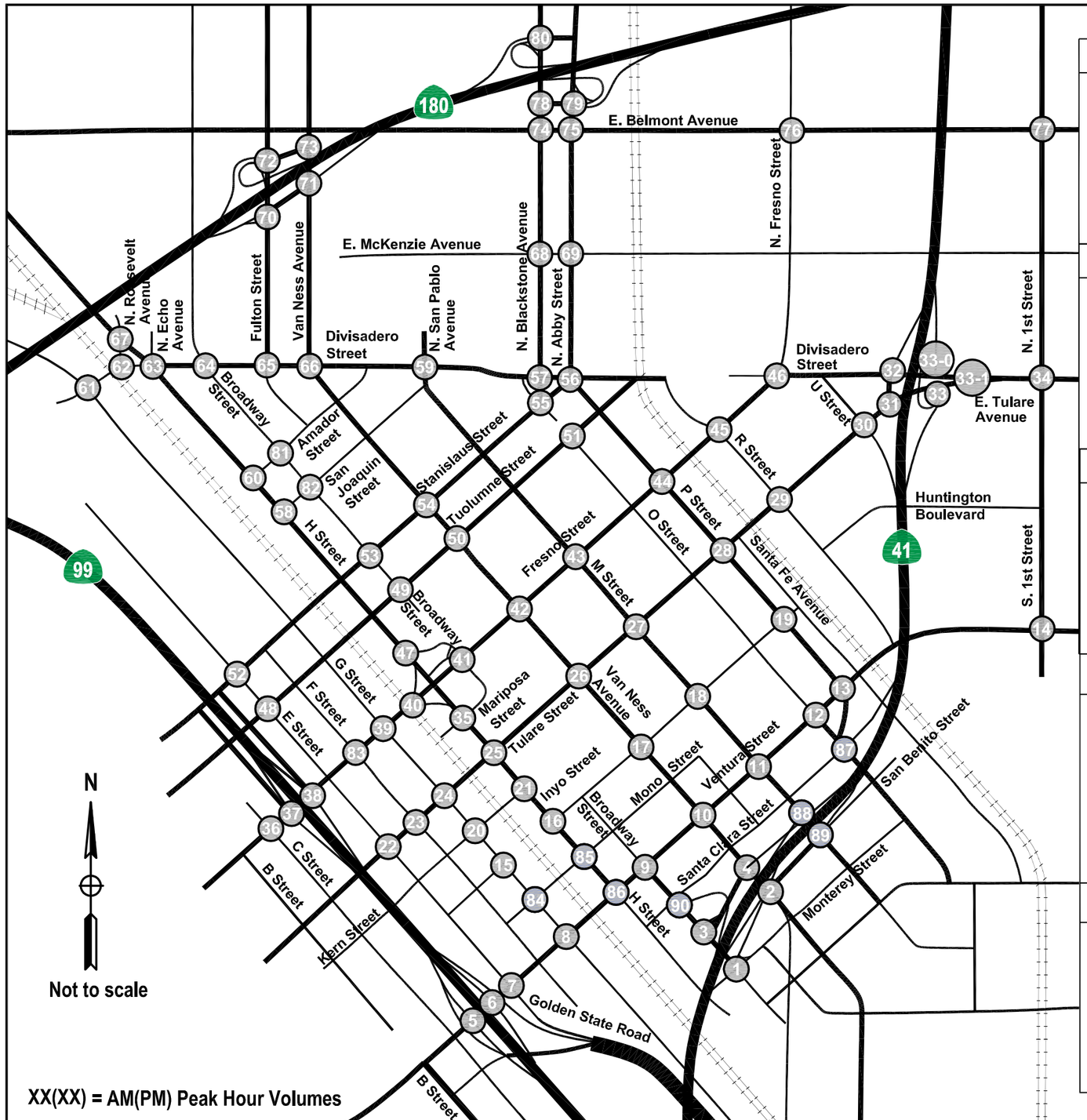
Figure 5.1-7c



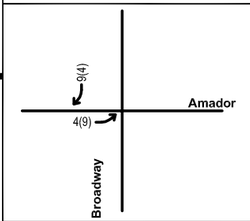
61. G Street / Divisadero Street	62. N. Roosevelt Avenue / Divisadero Avenue	63. H Street / Divisadero Street / N. Echo Avenue	64. Broadway Street / Divisadero Street
	INTERSECTION CLOSED		
65. Fulton Street / Divisadero Street	**66. Van Ness Avenue / Divisadero Street**	**67. H Street / Roosevelt Street**	**68. N. Blackstone Avenue / E. McKenzie Avenue**
			
69. N. Abby Street / E. McKenzie Avenue	**70. Fulton Street / CA 180 EB Ramps**	**71. Van Ness Avenue / CA 180 EB Ramps**	**72. Fulton Street / CA 180 WB Ramps**
			
73. Van Ness Avenue / CA 180 WB Ramps	**74. N. Blackstone Avenue / E. Belmont Avenue**	**75. N. Abby Street / E. Belmont Avenue**	**76. N. Fresno Street / E. Belmont Avenue**
			
77. N. 1st Street / E. Belmont Avenue	**78. N. Blackstone Avenue / CA 180 EB Ramps**	**79. N. Abby Street / CA 180 EB Ramps**	**80. N. Blackstone Avenue / CA 180 WB Ramps**
			

Note:
*XX(XX) = Volume going to CA 180 WB On-Ramp

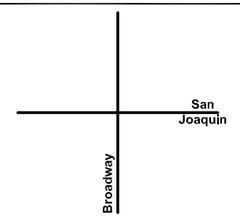
California High-Speed Train Program EIR/EIS	Fresno Station Tulare Overpass Alternative - Future Conditions Project-only Trips	Figure 5.1-7d



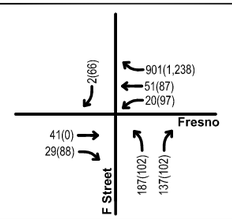
81. Broadway Street / Amador Street



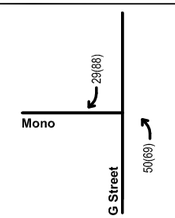
82. Broadway Street / San Joaquin Street



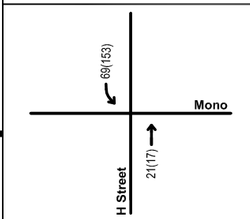
83. F Street / Fresno Street



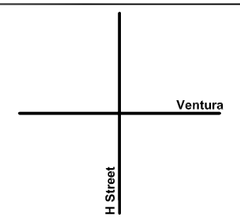
84. G Street / Mono Street



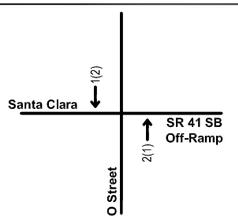
85. H Street / Mono Street



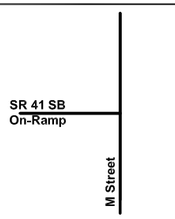
86. H Street / Ventura Street



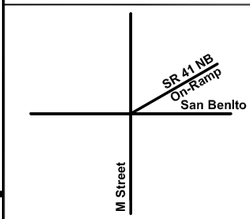
87. O Street / Santa Clara Street - SR 41 SB Off-Ramp



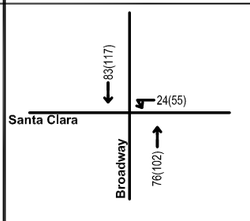
88. M Street / SR 41 SB On-Ramp



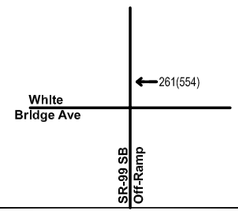
89. M Street / San Benito Street - SR 41 NB On-Ramp



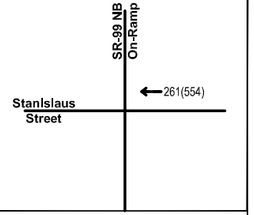
90. Broadway Street / Santa Clara Street - SR 41 SB Loop On-Ramp



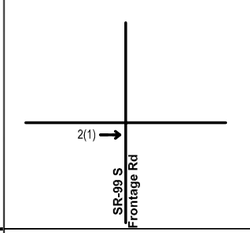
105. Stanislaus Street / SR 99 SB Off-ramp



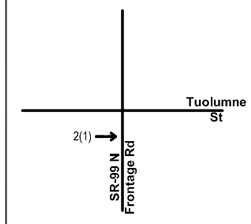
106 . SR-99 NB On-ramp / Stanislaus Street



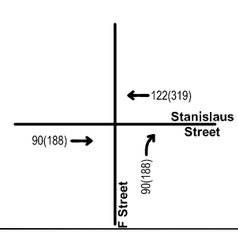
107. Tuolumne St / SR-99 S Frontage Rd



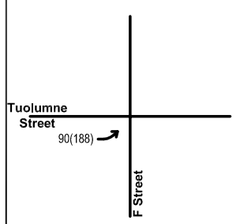
108. Tuolumne Street / SR 99 N Frontage Rd



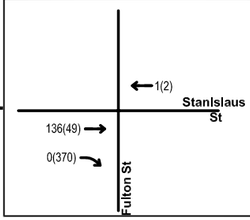
109. Stanislaus Street / F St



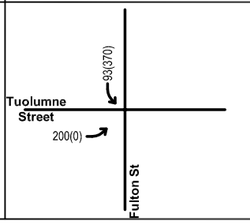
110. F Street / Tuolumne Street



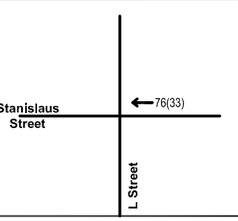
111. Stanislaus St / Fulton St



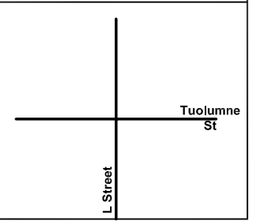
112. Fulton St / Tuolumne St



113. Stanislaus Street / L Street



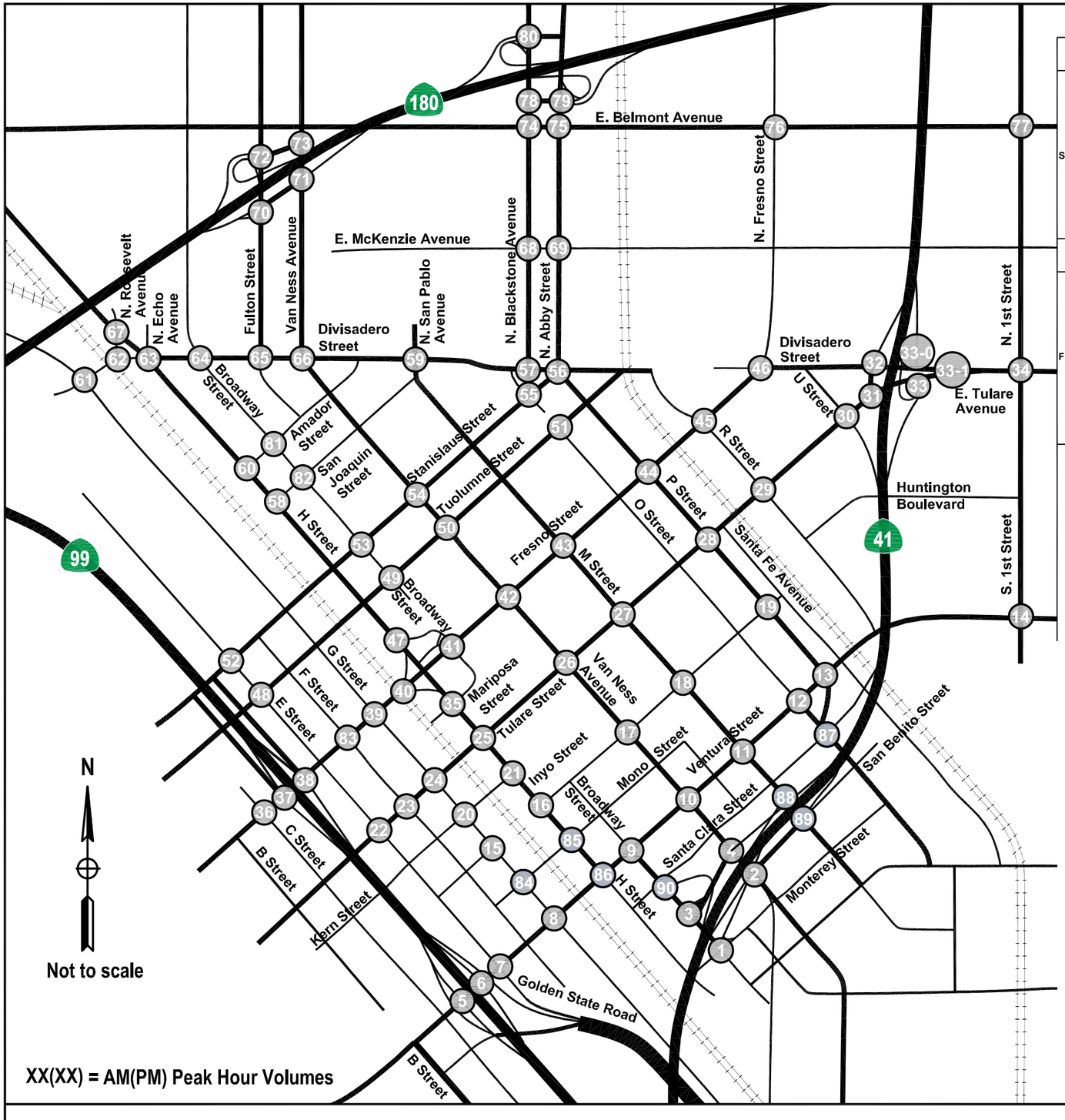
114.Tuolumne Street / L Street



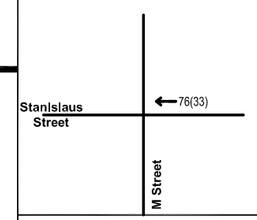
California High-Speed Train Program EIR/EIS

Fresno Station Tulare Overpass Alternative - Future Conditions Project-only Trips

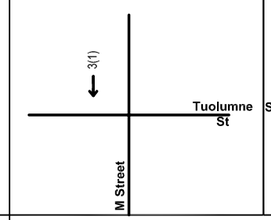
Figure 5.1-7e



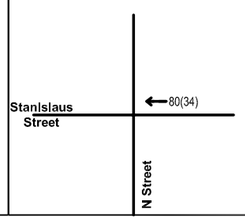
115. Stanislaus Street / M Street



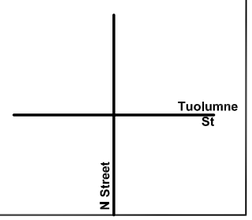
116. Tuolumne Street / M Street



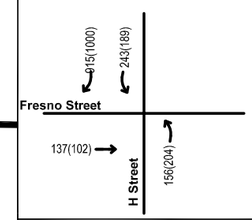
117. Stanislaus Street / N Street



118. Tuolumne St / N Street



40. Fresno Street / H Street



California High-Speed Train Program EIR/EIS	Fresno Station Tulare Overpass Alternative - Future Conditions Project-only Trips	Figure 5.1-7f

N

= Signalized Intersection

= Unsignalized Intersection

XX(XX) = AM(PM) Peak Hour Volumes

Not to scale

Grangeville Boulevard

Lacey Boulevard

7th Road

Hanford Armona Road

Houston Avenue

S. 11th Avenue

S. Irvine Street

10th Avenue

9th Avenue

8th Avenue

7th Avenue

6th Avenue

Road 28

2nd Avenue

Road 48

Road 56

Road 60

Road 68

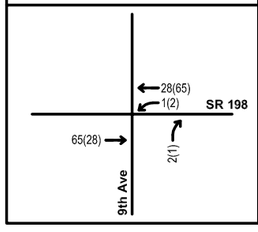
Road J25

43

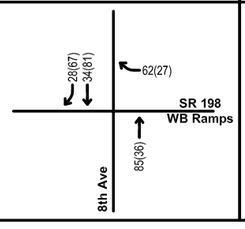
198

99

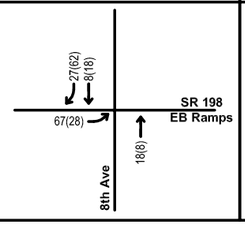
1. 9th Avenue / SR 198



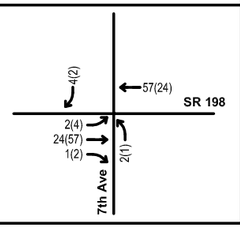
2. 8th Avenue / SR 198 WB Ramps



3. 8th Avenue / SR 198 EB Ramps



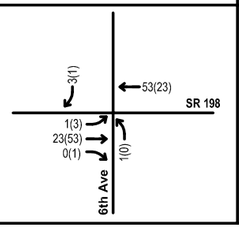
4. 7th Avenue / SR 198



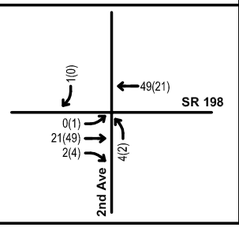
5. 7th Avenue / 7th Road

INTERSECTION NOT TO BE ANALYZED

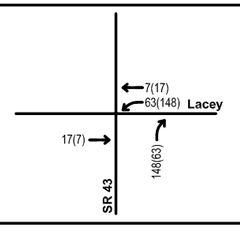
6. 6th Avenue / SR 198



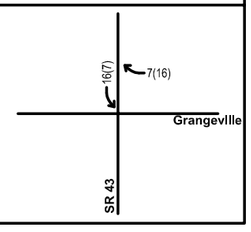
7. 2nd Avenue / SR 198



8. SR 43 / Lacey Boulevard



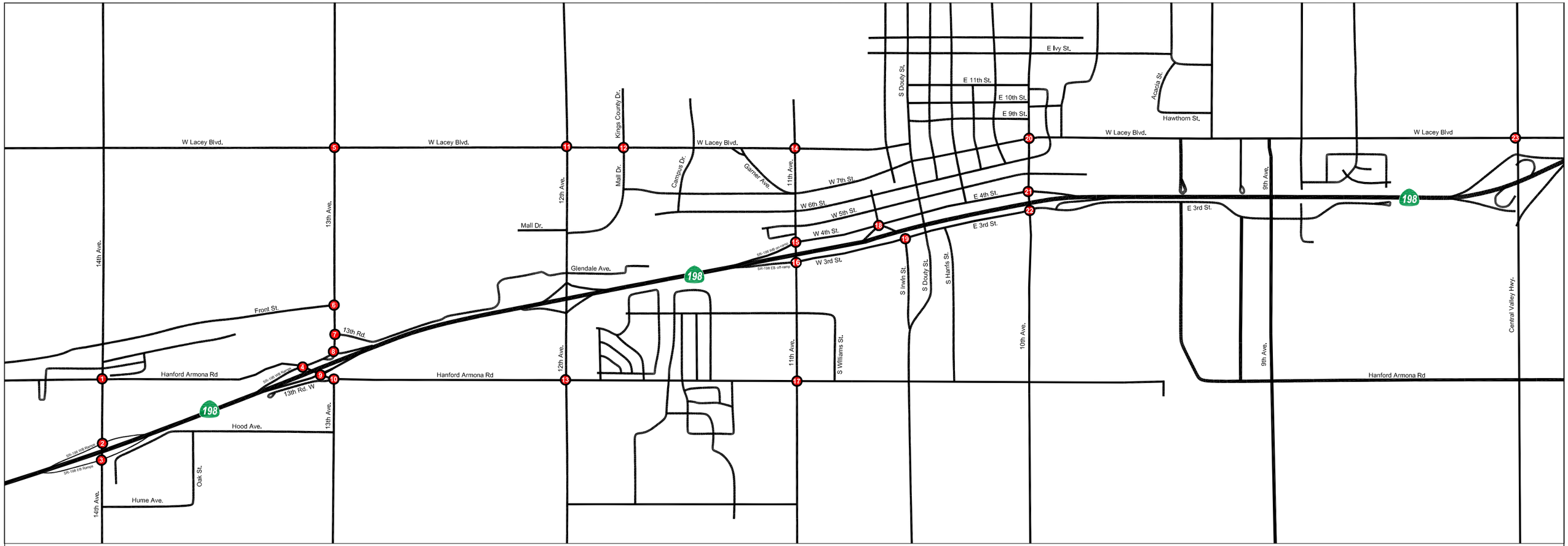
9. SR 43 / Grangeville Boulevard



California High-Speed Train Program EIR/EIS

Kings/Tulare Regional East Station - Project-only Trips

Figure 5.1-8a



1. 14th Ave. / Hanford Armona Rd	2. 14th Ave. / SR-198 WB Ramps	3. 14th Ave. / SR 198 EB Ramps	4. Hanford Armona Rd / SR-198 WB On-Ramp	5. 13th Ave. / Lacey Blvd.	6. 13th Ave. / Front Street	7. 13th Ave. / 13th Rd.	8. 13th Ave. / SR-198 WB Ramps	9. 13th Ave. / SR-198 EB Ramps
Hanford Armona Rd. 4(2) → 2(4) ← 11(26) ↱ 14th Ave. 38(16)	SR-198 WB Ramps 10(24) ↓ 1(2) ↑ 14th Ave. 38(16)	SR-198 EB Ramps 1(2) ↓ 36(15) → 14th Ave. 2(1) ↑	Hanford Armona Rd 12(29) ↓ 15(36) ↓ 44(103) ↓ 28(12) ↰ 41(18) → SR-198 WB On-Ramp	Lacey Blvd. 5(2) ↓ 9(4) ↰ 13th Ave. 2(5) ↑ 4(9) ↑	Front St. 71(168) ↓ 13th Ave. 168(71) ↑	13th Rd. 71(168) ↓ 13th Ave. 168(71) ↑	SR-198 WB Ramps 71(168) ↓ 99(42) ↰ 69(29) → 13th Ave.	Hanford Armona Rd 4(2) ← 42(99) → 2(4) → 24(10) ↱ SR-198 EB Ramps

10. Handford Armona Rd. / 13th Ave	11. 12th Ave. / Lacey Blvd.	12. Mall Drive / Lacey Blvd.	13. 12th Ave / Hanford Armona Rd.	14. 11th Ave. / Lacey Blvd.	15.11th Ave. / SR-198 WB On-Ramp	16. 11th Ave. / SR-198 EB Off-Ramp	17. 11th Ave. / Hanford Armona Rd.	18. South Redington St. / 4th St.
Hanford Armona Rd. 1(3) → 0(1) ↘ 3(1) ← 1(0) ↱ 13th Ave.	Lacey Blvd. 5(2) ↓ 2(5) → 2(4) → 4(2) ← 13th Ave.	Lacey Blvd. 2(4) → 4(2) ← Mall Drive	Hanford Armona Rd. 1(2) → 2(1) ← 12th Ave.	Lacey Blvd. 3(1) ↓ 1(0) ↓ 1(3) → 0(1) → 1(0) ← 11th Ave. 0(1) ↑	SR-198 WB On-Ramp 1(1) ↓ 11th Ave. 1(1) ↑	SR-198 EB On-Ramp 1(1) → 11th Ave.	Hanford Armona Rd. 1(2) → 0(1) ↘ 2(1) ← 11th Ave. 1(0) ↱	4th St. 6(2) ← South Redington St.

X = Study Intersections

AM(PM) = Project only Trips

N

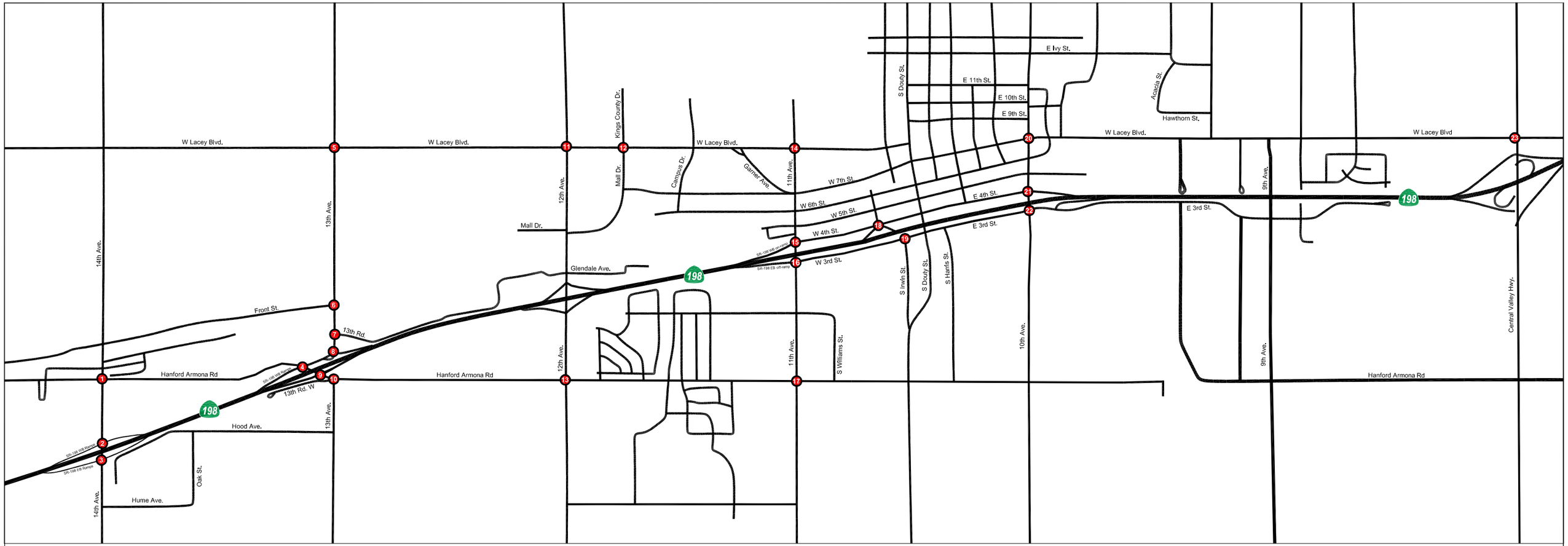
Not to scale

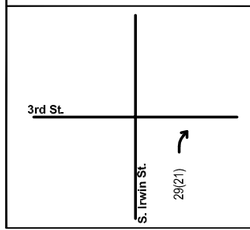
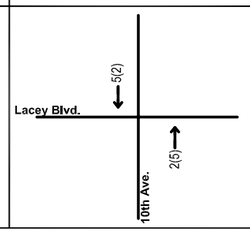
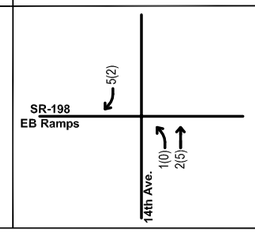
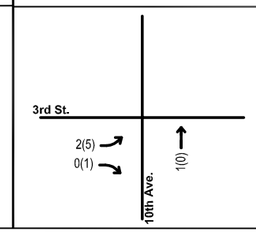
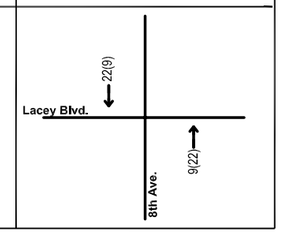
URS

California High-Speed Train Program EIR/EIS

Kings/Tulare Regional West Station - Project-only Trips

Figure 5.1-8b



19. South Irwin St. / 3rd St.	20. 14th Ave. / SR-198 WB Ramps	21. 14th Ave. / SR 198 EB Ramps	22. 10th Ave. / 3rd St.	23. 8th Ave. / Lacey Blvd.
				

= Study Intersections

AM(PM) = Project only Trips

N

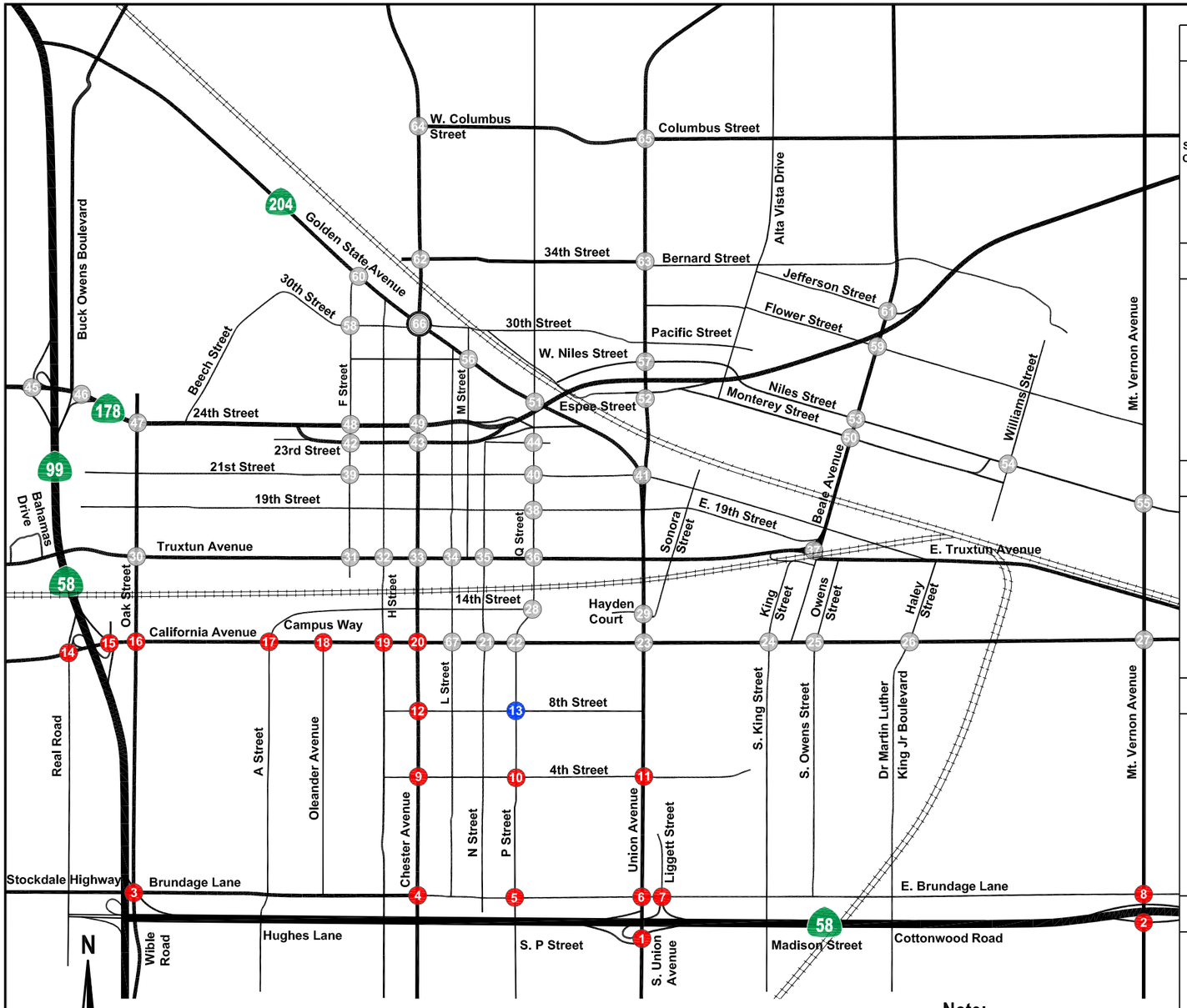
Not to scale

URS

California High-Speed Train Program EIR/EIS

Kings/Tulare Regional West Station - Project-only Trips

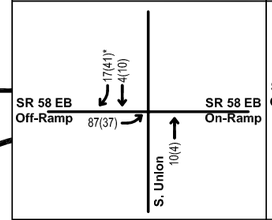
Figure 5.1-8c



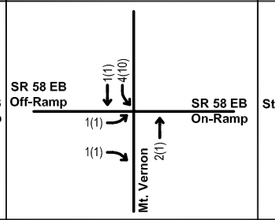
Note:
*XX(XX) Volume going to SR 58 EB On-Ramp
**XX(XX) Volume going to SR 99 SB On-Ramp
***XX(XX) Volume going to SR 99 NB On-Ramp

= Signalized Intersection
= Unsignalized Intersection
Not to scale XX(XX) = AM(PM) Peak Hour Volumes

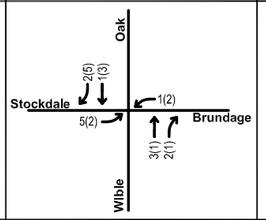
1. S. Union Avenue / SR 58 EB Ramps



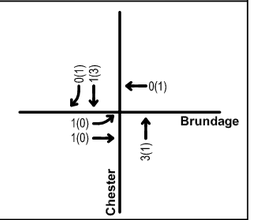
2. Mt. Vernon Avenue / SR 58 EB Ramps



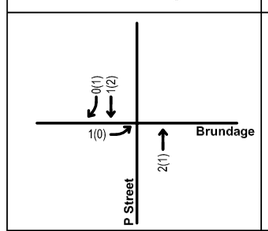
3. Wible Road / Oak Street / Brundage Lane/Stockdale HIghway



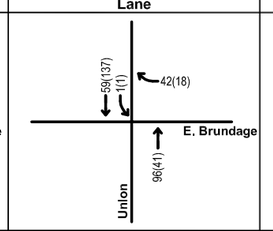
4. Chester Avenue / Brundage Lane



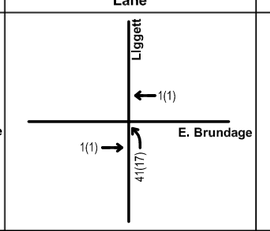
5. P Street / Brundage Lane



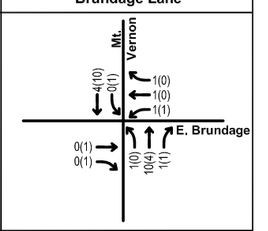
6. Union Avenue / E. Brundage Lane



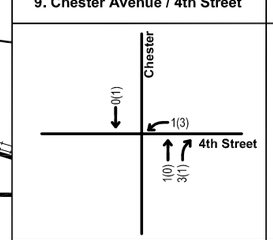
7. Liggett Street / E. Brundage Lane



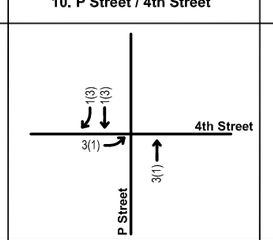
8. Mt. Vernon Avenue / E. Brundage Lane



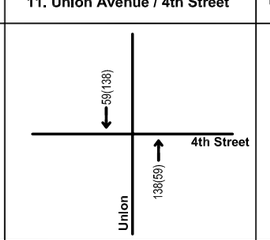
9. Chester Avenue / 4th Street



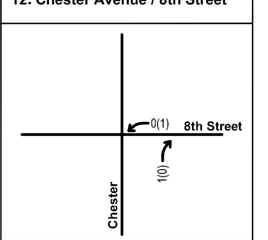
10. P Street / 4th Street



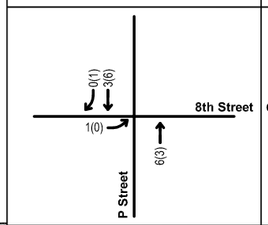
11. Union Avenue / 4th Street



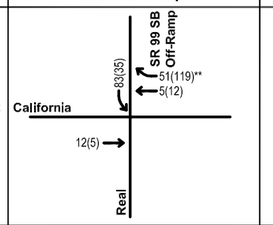
12. Chester Avenue / 8th Street



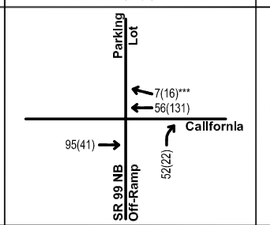
13. P Street / 8th Street



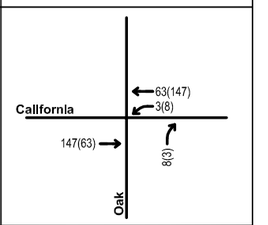
14. Real Road / Callfornia Avenue / SR 99 SB Ramps



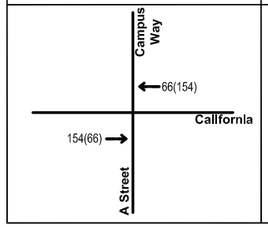
15. SR 99 NB Ramps / California Avenue



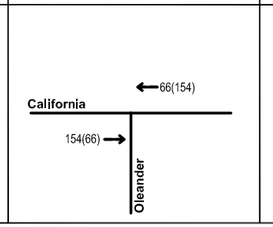
16. Oak Street / California Avenue



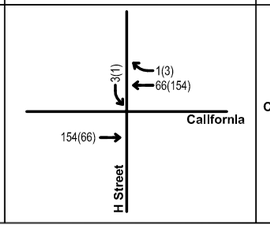
17. A Street / California Avenue / Campus Way



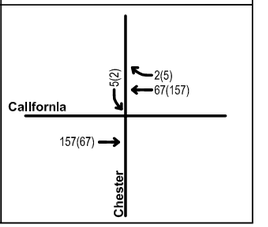
18. Oleander Avenue / California Avenue



19. H Street / California Avenue



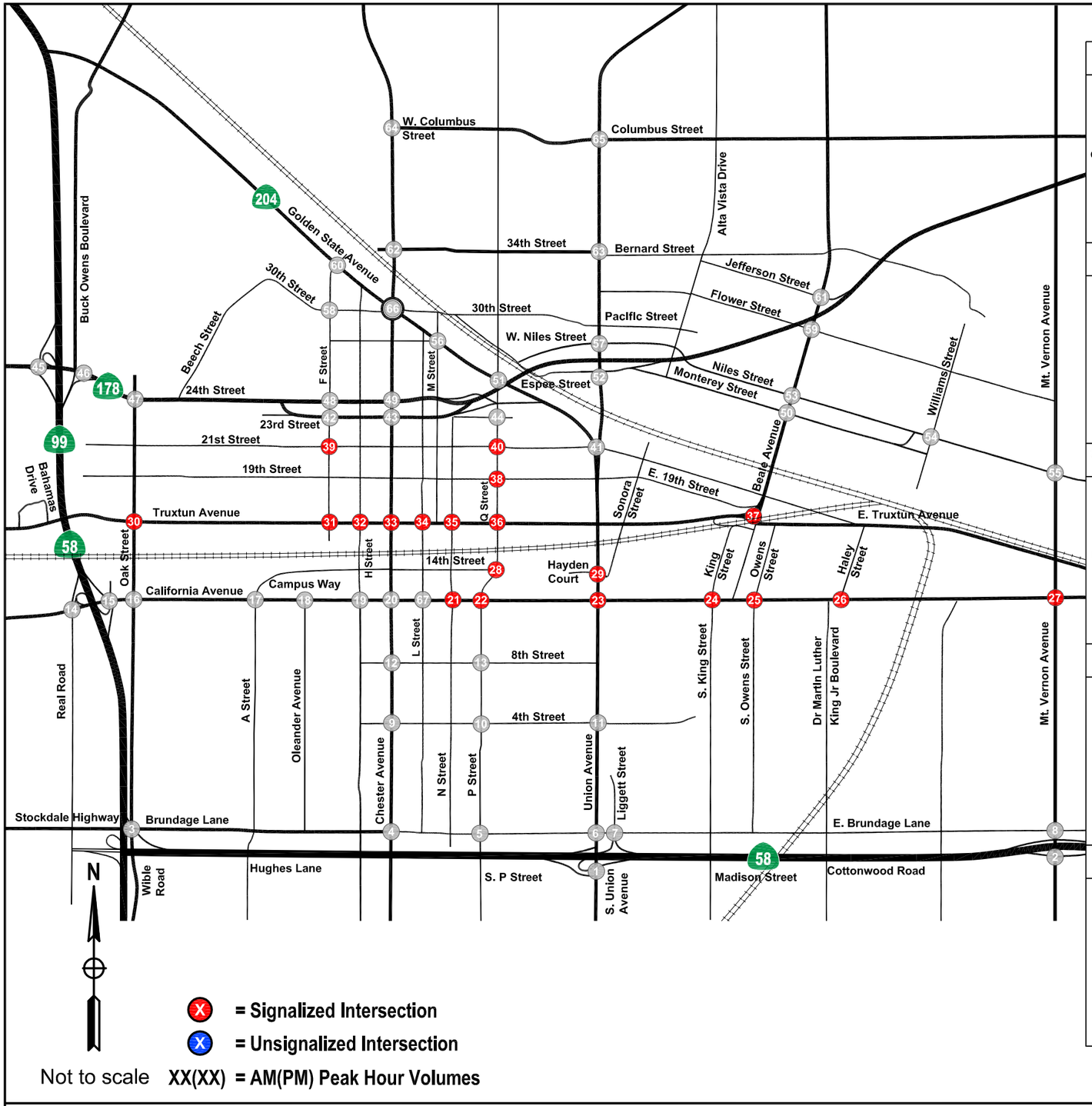
20. Chester Avenue / California Avenue



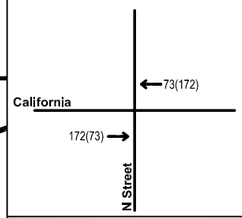
California High-Speed Train Program EIR/EIS

Bakersfield Station South Alternative Project-only Trips

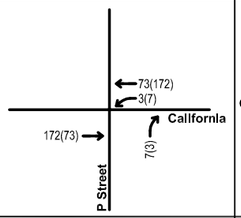
Figure 5.1-9a



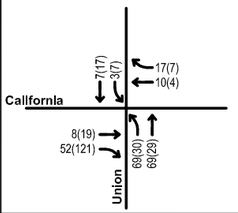
21. N Street / California Avenue



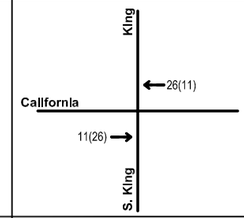
22. P Street / California Avenue



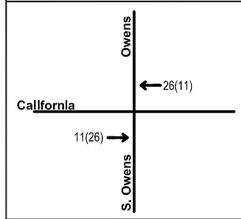
23. Union Avenue / California Avenue



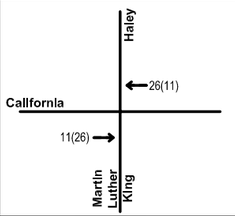
24. King Street / California Avenue



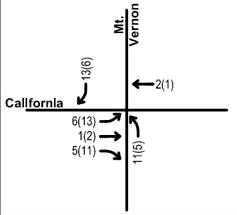
25. Owens Street / California Avenue



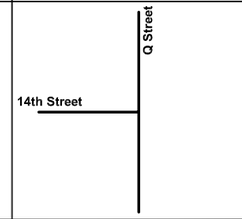
26. Dr Martin Luther King Jr Blvd / Haley Street / California Avenue



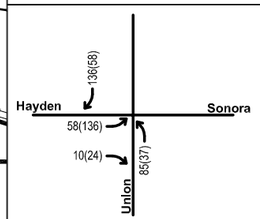
27. Mt. Vernon Avenue / California Avenue



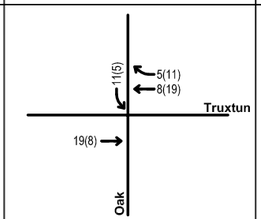
28. Q Street / 14th Street



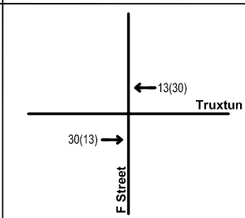
29. Union Avenue / Hayden Court / Sonora Street



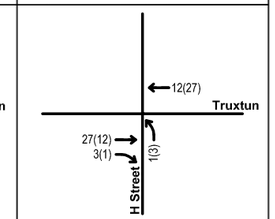
30. Oak Street / Truxtun Avenue



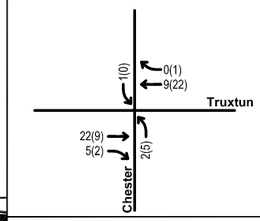
31. F Street / Truxtun Avenue



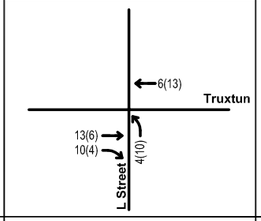
32. H Street / Truxtun Avenue



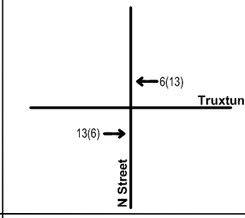
33. Chester Avenue / Truxtun Avenue



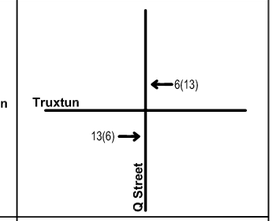
34. L Street / Truxtun Avenue



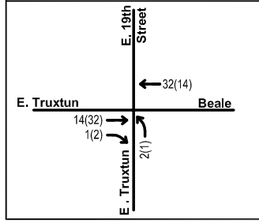
35. N Street / Truxtun Avenue



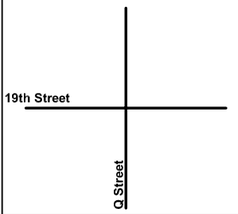
36. Q Street / Truxtun Avenue



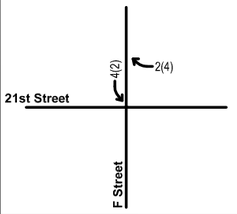
37. E. Truxtun Avenue / Beale Avenue / E. 19th Street



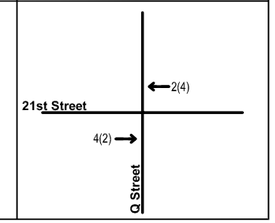
38. Q Street / 19th Street



39. F Street / 21st Street



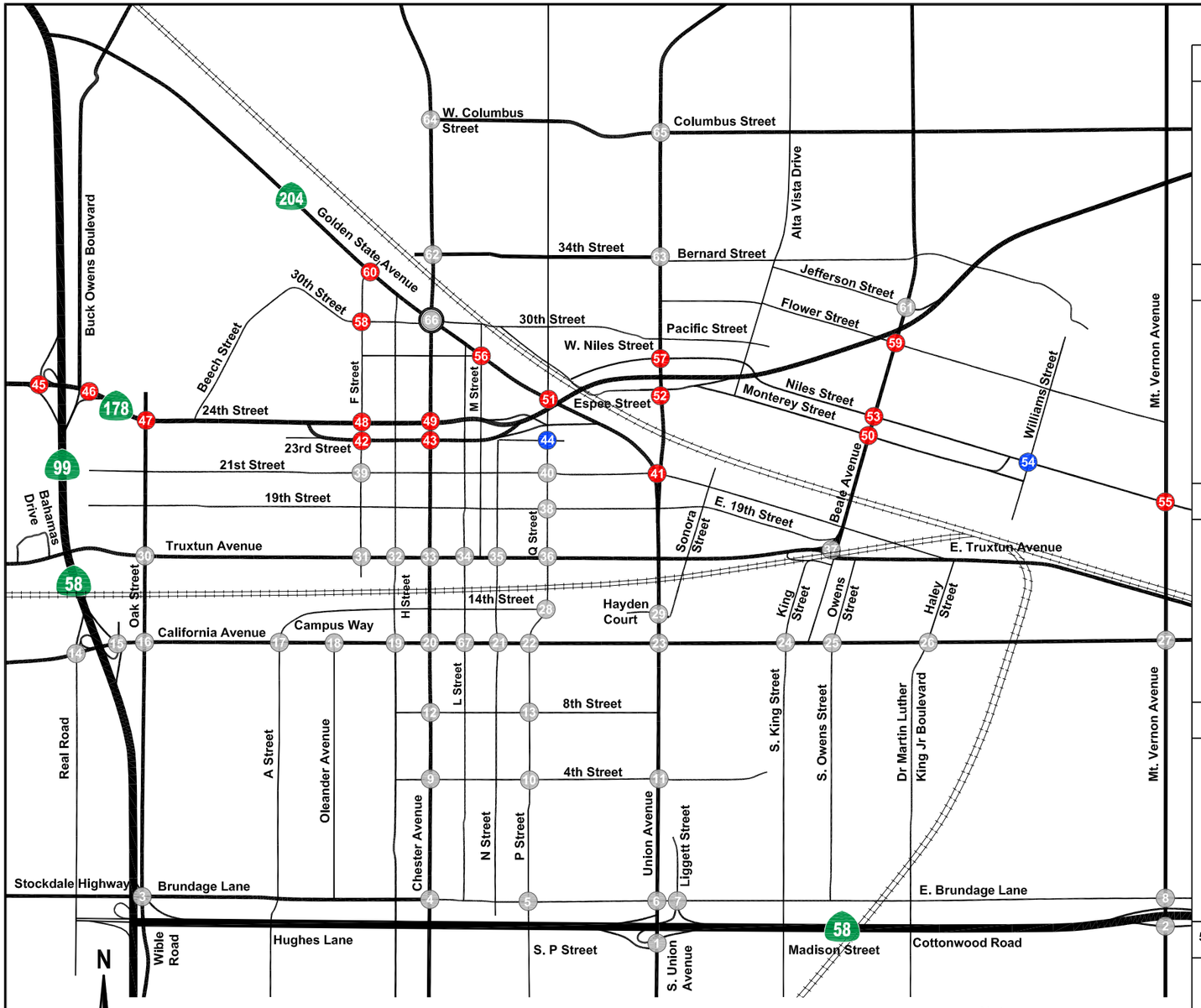
40. Q Street / 21st Street



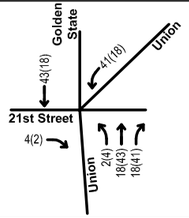
California High-Speed Train Program EIR/EIS

Bakersfield Station South Alternative
Project-only Trips for Study Intersections

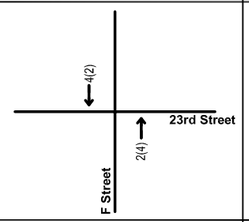
Figure 5.1-9b



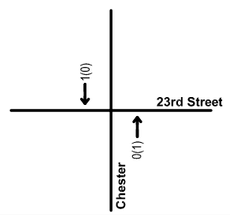
41. Union Avenue / Golden State Avenue / 21st Street



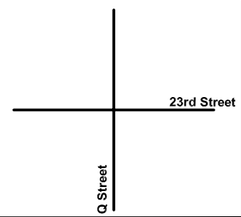
42. F Street / 23rd Street



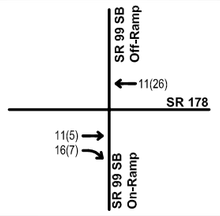
43. Chester Avenue / 23rd Street



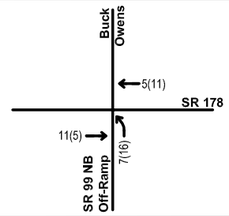
44. Q Street / 23rd Street



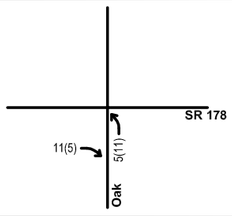
45. SR 178 / SR 99 SB Ramps



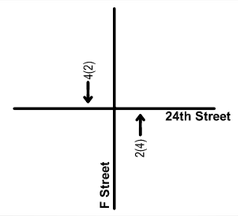
46. SR 178 / SR 99 NB Off-Ramp / Buck Owens Blvd



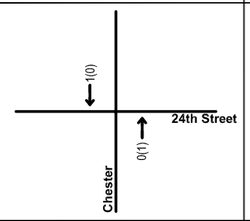
47. Oak Street / SR 178



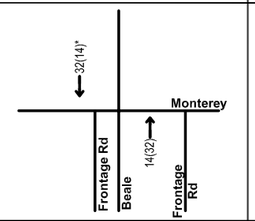
48. F Street / 24th Street



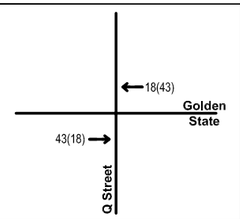
49. Chester Avenue / 24th Street



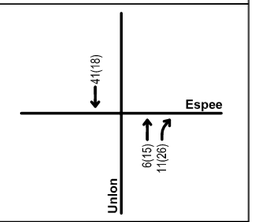
50. Beale Avenue / Monterey Street



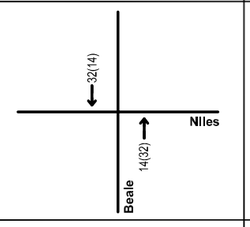
51. Q Street / Golden State Avenue



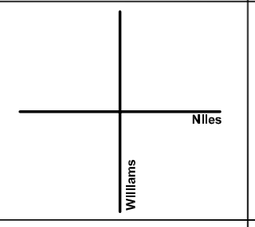
52. Union Avenue / Espee Street



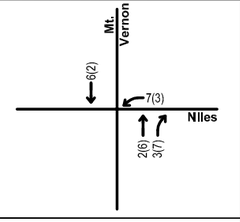
53. Beale Avenue / Niles Street



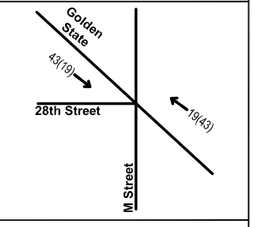
54. Williams Street / Niles Street



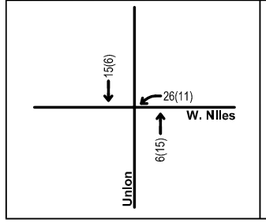
55. Mt. Vernon Avenue / Niles Street



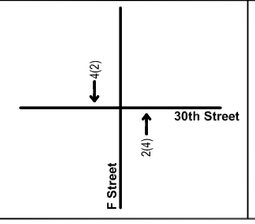
56. M Street / 28th Street / Golden State Avenue



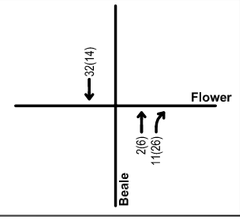
57. Union Avenue / W. Niles Street



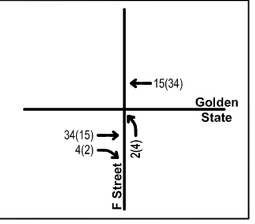
58. F Street / 30th Street



59. Beale Avenue / Flower Street



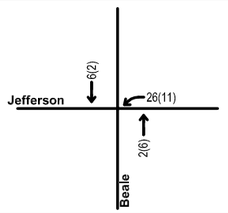
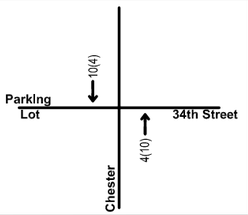
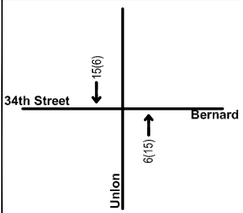
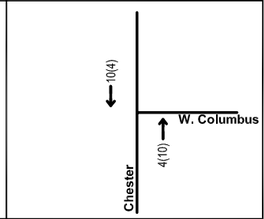
60. F Street / Golden State Avenue

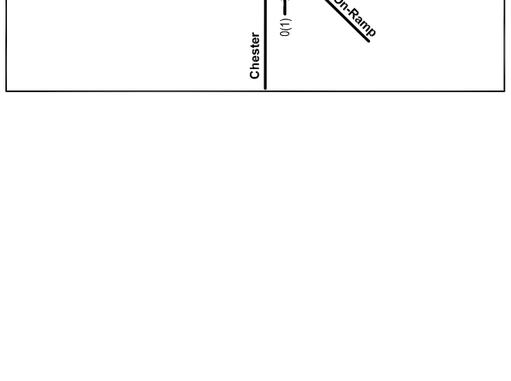


California High-Speed Train Program EIR/EIS

Bakersfield Station South Alternative Project-only Trips

Figure 5.1-9c

61. Beale Avenue / Jefferson Street	62. Chester Avenue / 34th Street	63. Union Avenue / 34th Street / Bernard Street	64. Chester Avenue / W. Columbus Street
			

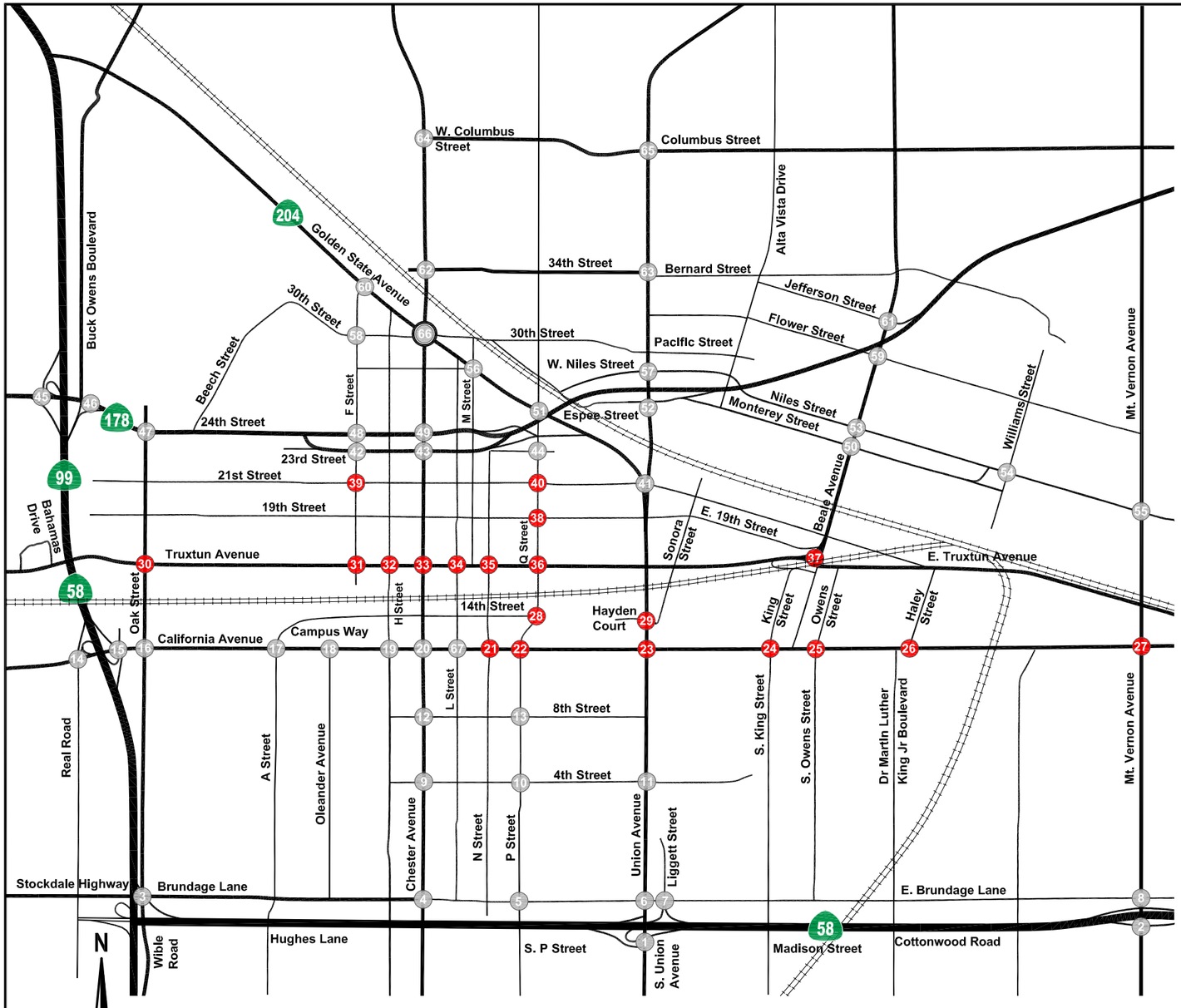
65. Union Avenue / Columbus Street	66. Chester Avenue / 30th Street / SR 99 Ramps	67. L Street / California Avenue
		

X = Signalized Intersection

X = Unsignalized Intersection

Not to scale XX(XX) = AM(PM) Peak Hour Volumes

California High-Speed Train Program EIR/EIS	Bakersfield Station South Alternative Project-only Trips for Study Intersections	Figure 5.1-9d

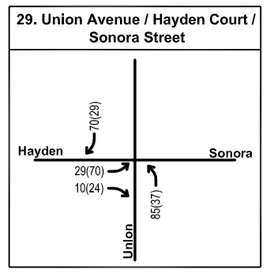


X = Signalized Intersection

X = Unsignalized Intersection

Not to scale XX(XX) = AM(PM) Peak Hour Volumes

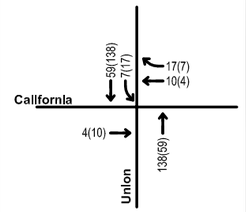
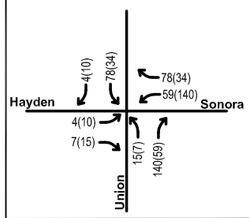
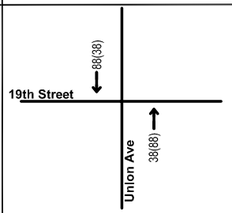
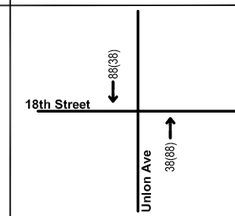
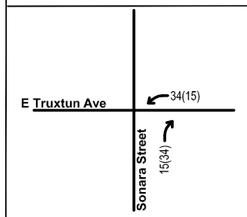
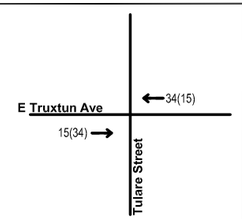
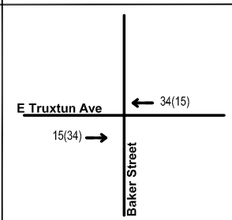
29. Union Avenue / Hayden Court / Sonora Street



Note:

All intersections project trips are the same as South Alternative besides the one listed here.

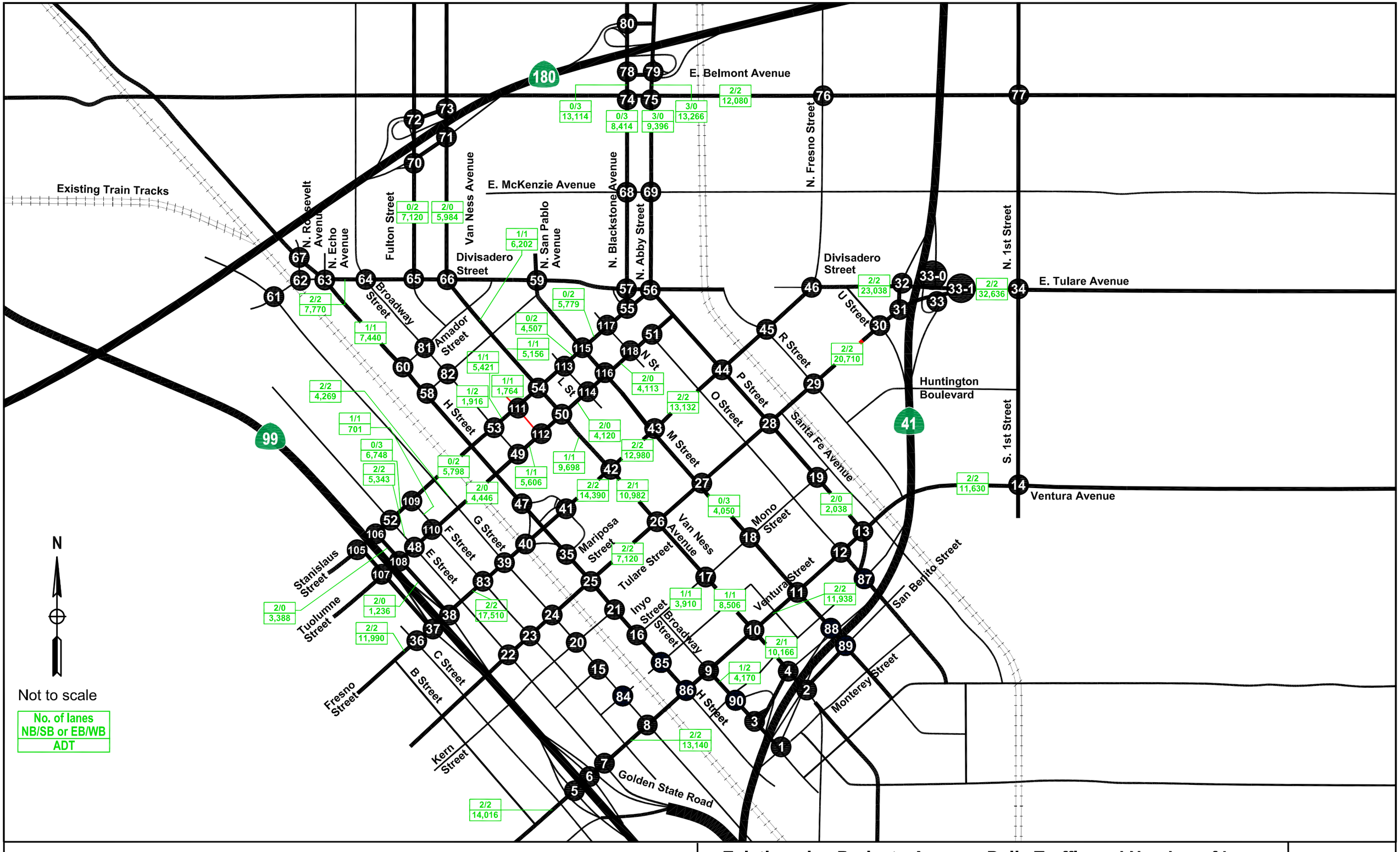
California High-Speed Train Program EIR/EIS	Bakersfield Station North Alternative Project-only Trips for Study Intersections	Figure 5.1-9e

23. Union Avenue / Callfornia Avenue	29. Union Avenue / Hayden Court / Sonora Street	68.Union Ave / 19th Street	69. Union Avenue / 18th Street
			
70. Sonara Street / E Truxtun Ave	**71. Tulare Street / E Truxtun Ave**	**72.Baker Street / E Truxtun Ave**	
			

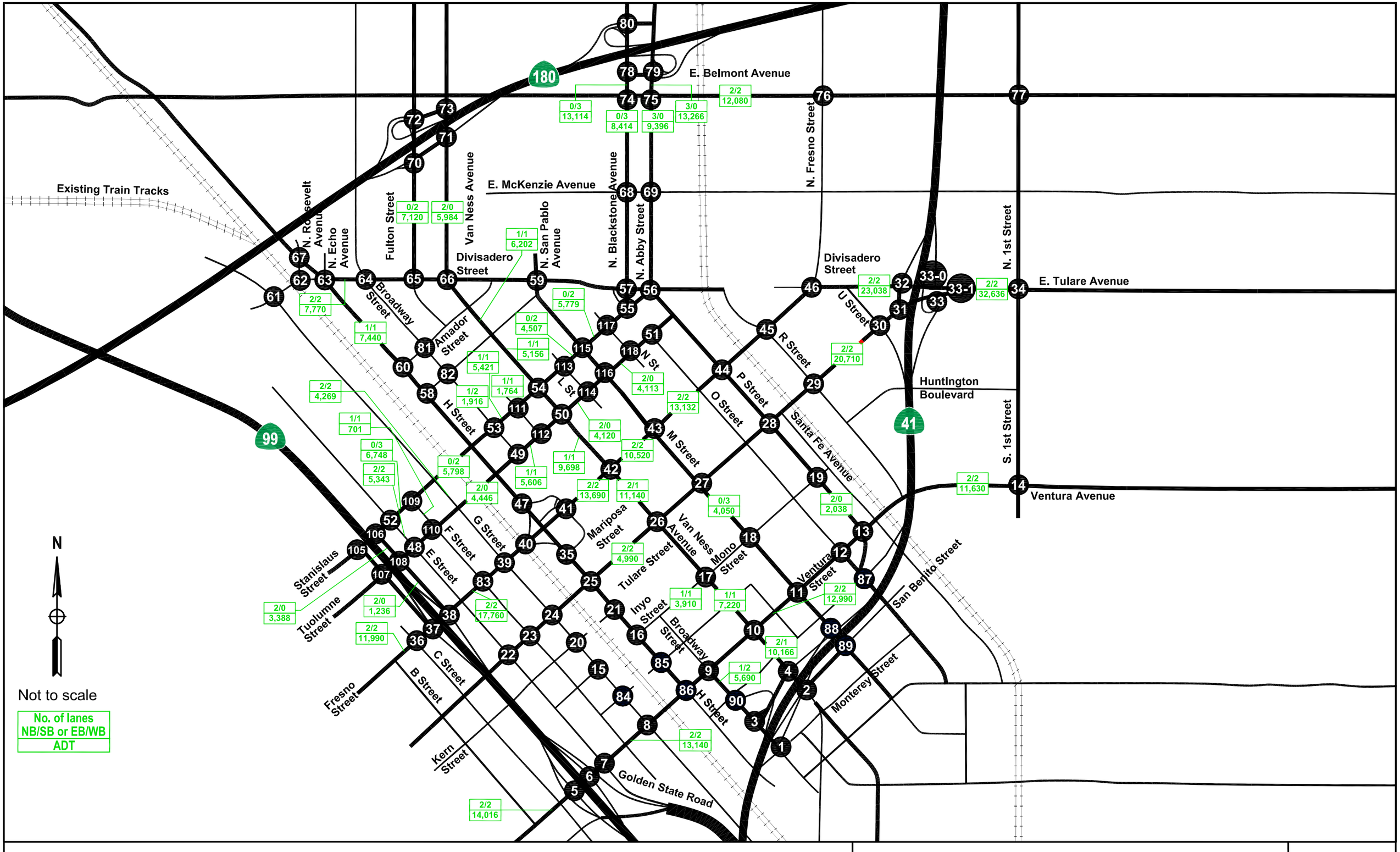
Note:
All intersections project trips are the same as South Alternative besides the one listed here.

X = Signalized Intersection
X = Unsignalized Intersection
Not to scale XX(XX) = AM(PM) Peak Hour Volumes

URS	**California High-Speed Train Program EIR/EIS**	**Bakersfield Station Hybrid Alternative Project-only Trips**
		Figure 5.1-9f



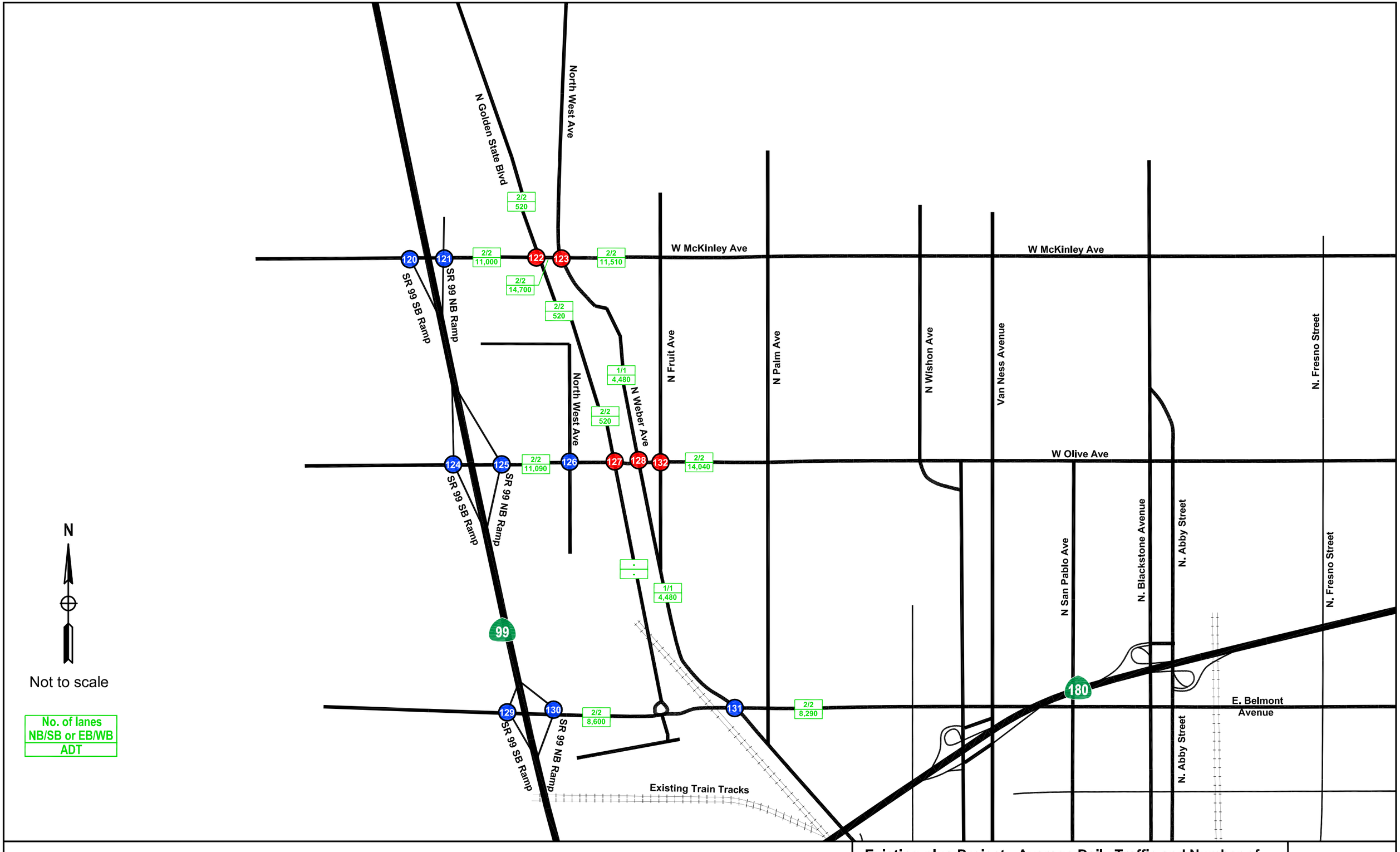
California High-Speed Train Program EIR/EIS	**Existing plus Project - Average Daily Traffic and Number of Lanes - Fresno Station Tulare Underpass Alternative**	**Figure 5.2-1a**



California High-Speed Train Program EIR/EIS

Existing plus Project - Average Daily Traffic and Number of Lanes - Fresno Station Tulare Overpass Alternative

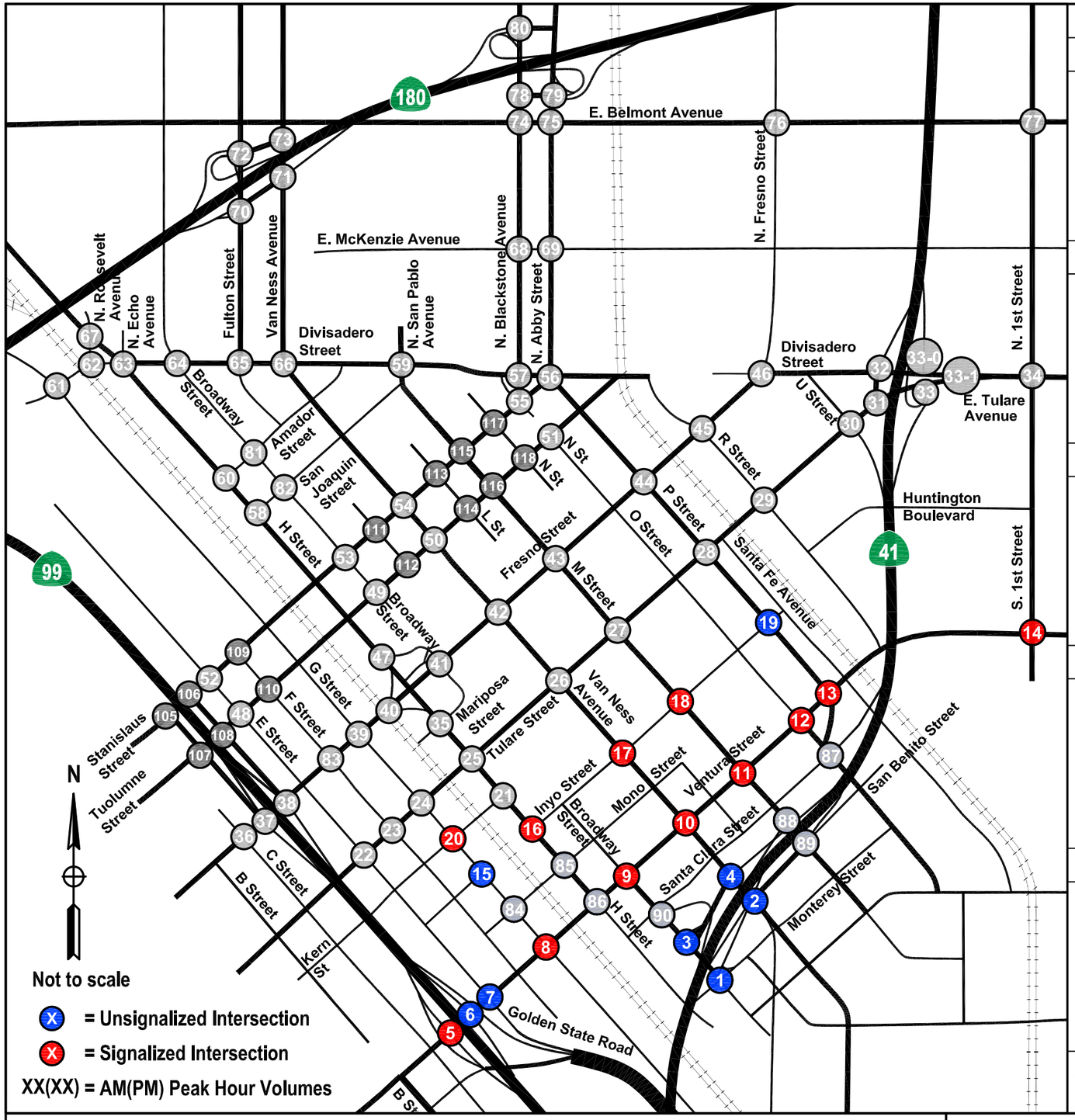
Figure 5.2-1b



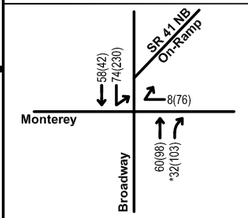
California High-Speed Train Program EIR/EIS

Existing plus Project - Average Daily Traffic and Number of Lanes - Fresno Station Tulare Underpass and Overpass Alternatives

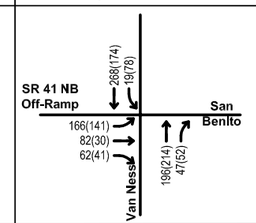
Figure 5.2-1c



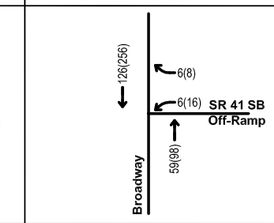
1. Broadway Street / SR 41 NB On-Ramp / Monterey Street



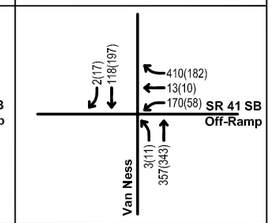
2. Van Ness Avenue / SR 41 NB Off-Ramp / San Benito Street



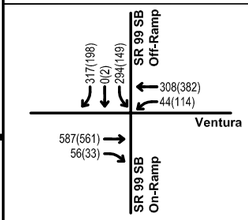
3. Broadway Street / SR 41 SB Off-Ramp



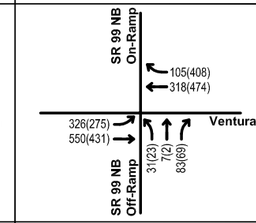
4. Van Ness Avenue / SR 41 SB Off-Ramp



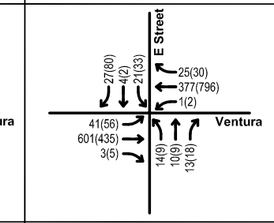
5. SR 99 SB Ramps / Ventura Avenue



6. SR 99 NB Ramps / Ventura Avenue



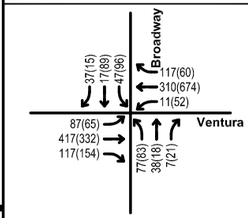
7. E Street / Ventura Avenue



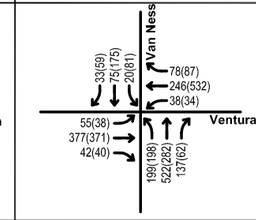
8. G Street / Ventura Avenue

INTERSECTION CLOSED

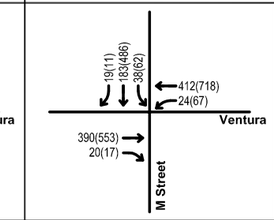
9. Broadway Street / Ventura Avenue



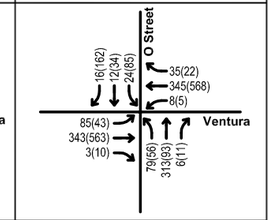
10. Van Ness Avenue / Ventura Street



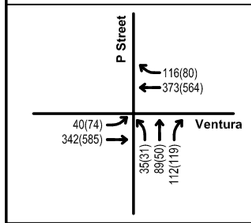
11. M Street / Ventura Street



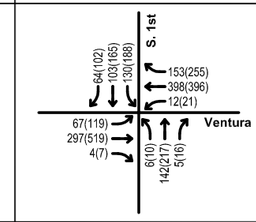
12. O Street / Ventura Avenue



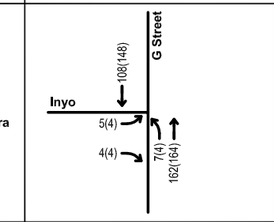
13. P Street / Ventura Avenue



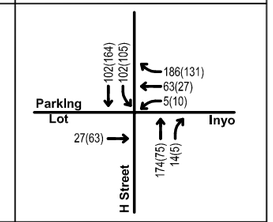
14. S. 1st Street / Ventura Avenue



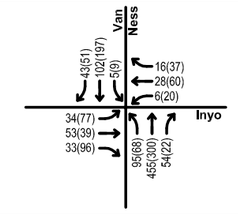
15. G Street / Inyo Street



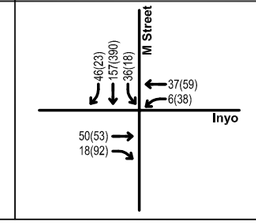
16. H Street / Inyo Street



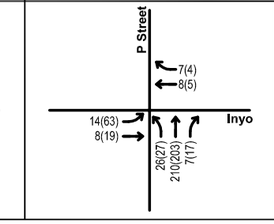
17. Van Ness Street / Inyo Street



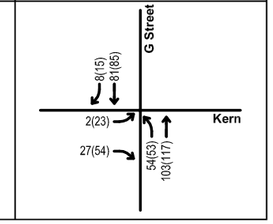
18. M Street / Inyo Street



19. P Street / Inyo Street



20. G Street / Kern Street



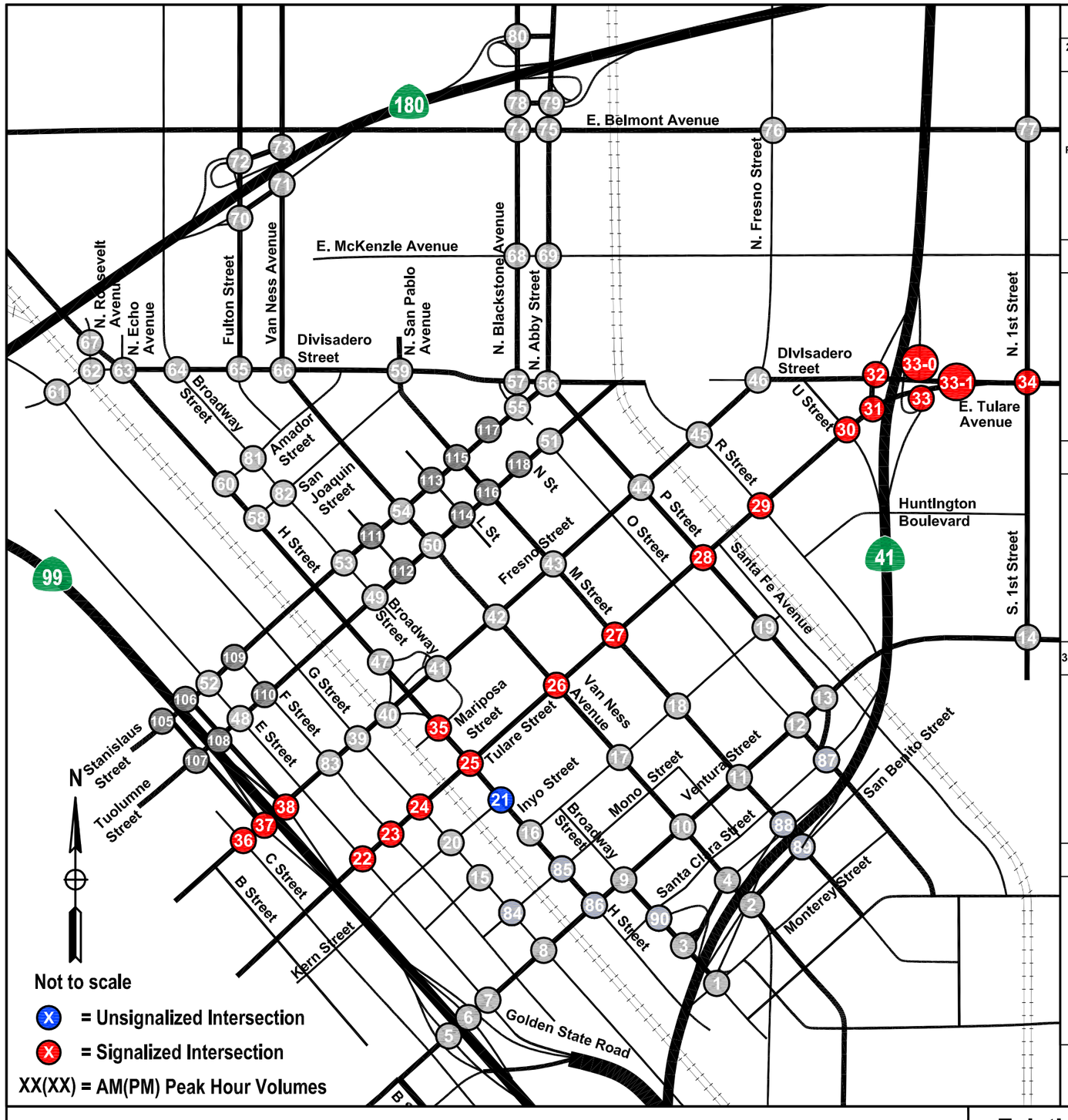
Note:
*XX(XX) Volume going to SR 41 NB On-Ramp

URS

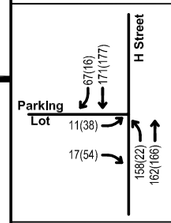
California High-Speed Train Program EIR/EIS

Existing plus Project - Peak Hour Turning Movement Volumes - Fresno Station Tulare Underpass Alternative

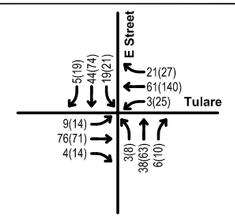
Figure 5.2-2a



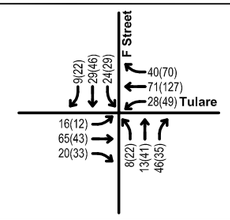
21. H Street / Kern Street (Parking Lot)



22. E Street / Tulare Street



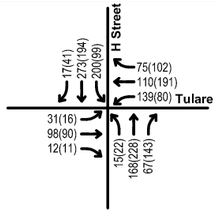
23. F Street / Tulare Street



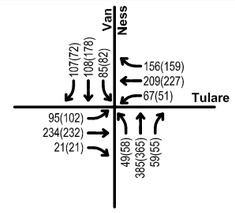
24. G Street / Tulare Street

INTERSECTION CLOSED

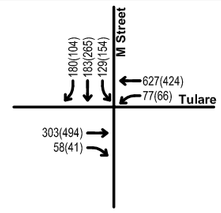
25. H Street / Tulare Street



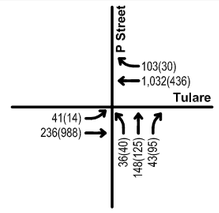
26. Van Ness Avenue / Tulare Street



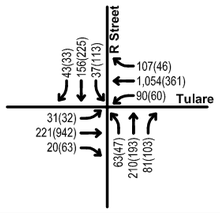
27. M Street / Tulare Street



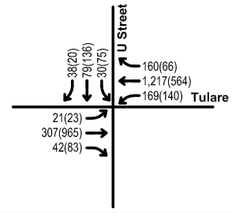
28. P Street / Tulare Street



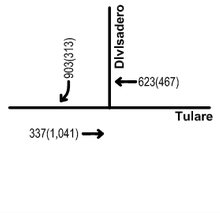
29. R Street / Tulare Street



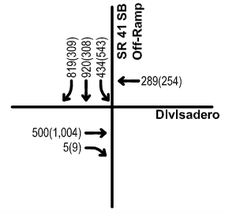
30. U Street / Tulare Street



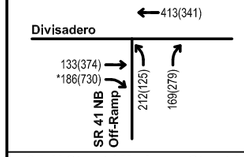
31. Divisadero Street Off-Ramp / Tulare Street



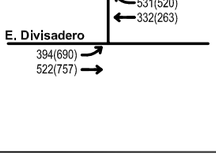
32. SR 41 SB Off-Ramp / Divisadero Street



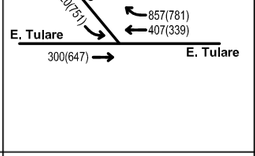
33. SR 41 NB Ramps / Tulare Street



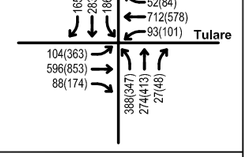
33-0. SR 41 NB On-Ramp / E. Divisadero Street



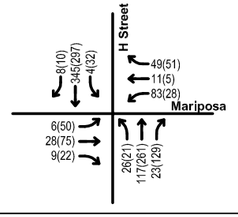
33-1. E. Divisadero Street / E. Tulare Street



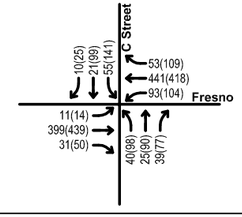
34. N. 1st Street / Tulare Street



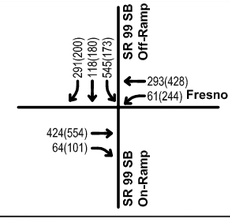
35. H Street / Mariposa Street / Fresno Street Ramps



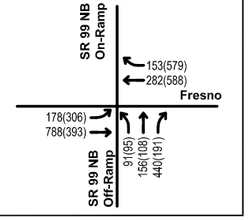
36. C Street / Fresno Street



37. SR 99 SB Ramps / Fresno Street



38. SR 99 NB Ramps / Fresno Street



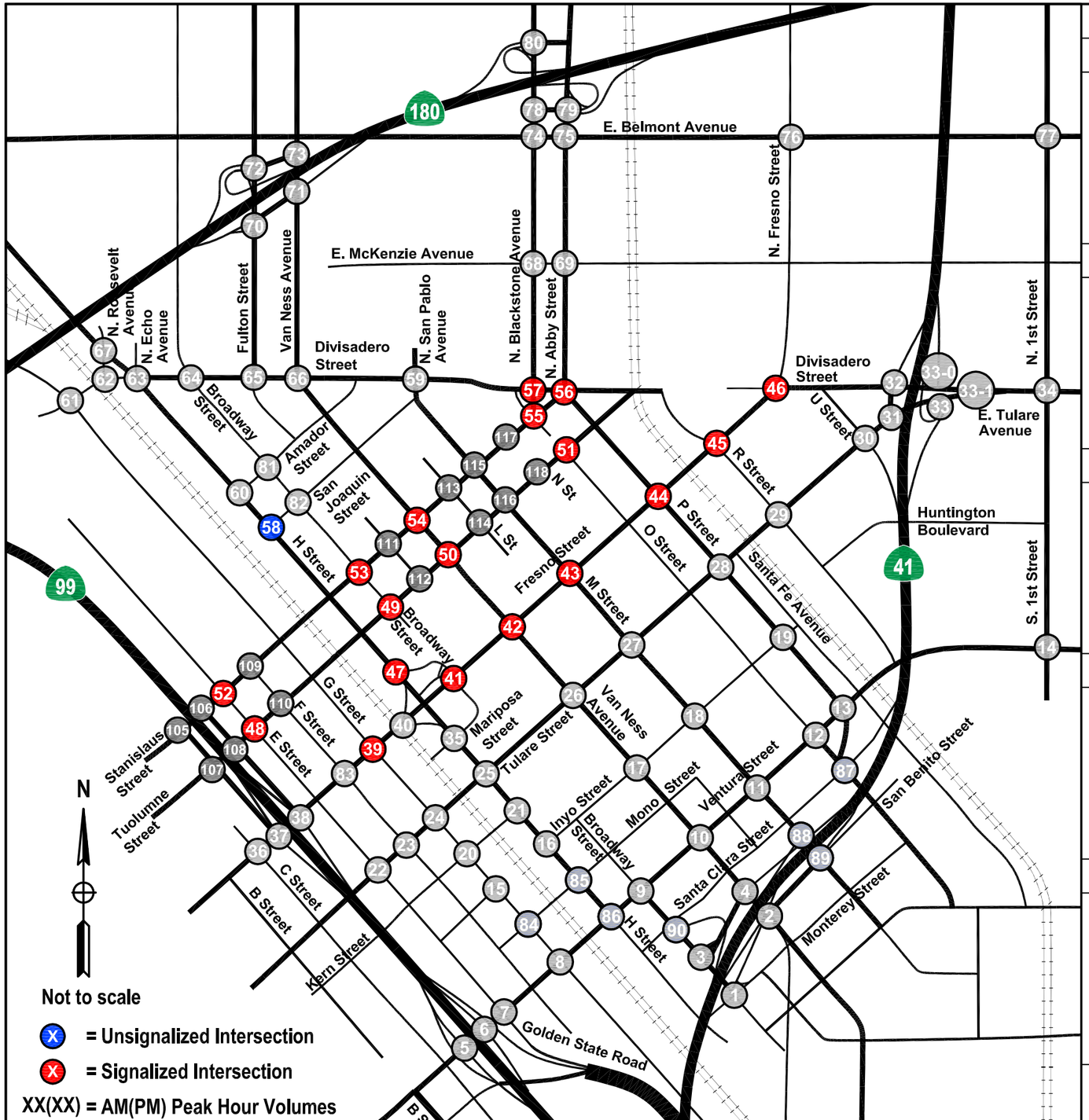
Note:
*XX(XX) Volume going to SR 41 NB On-Ramp

URS

California High-Speed Train Program EIR/EIS

Existing plus Project - Peak Hour Turning Movement Volumes - Fresno Station Tulare Underpass Alternative

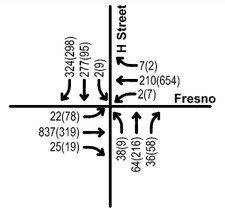
Figure 5.2-2b



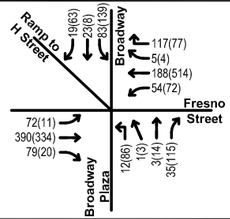
39. G Street / Fresno Street

INTERSECTION CLOSED

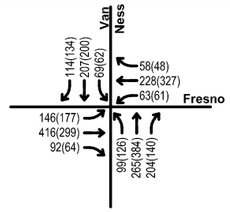
40. H Street / Fresno Street



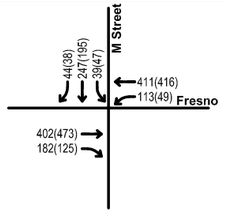
41. Broadway Street / Fresno Street



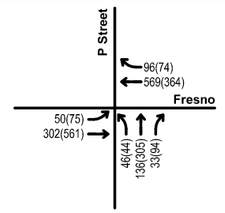
42. Van Ness Avenue / Fresno Street



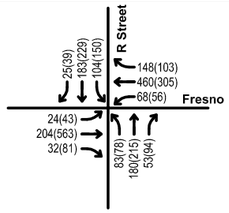
43. M Street / Fresno Street



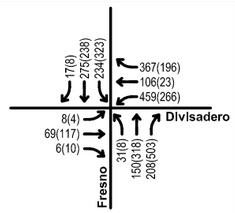
44. P Street / Fresno Street



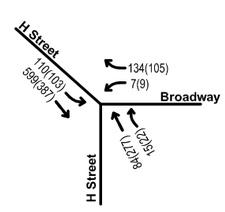
45. R Street / Fresno Street



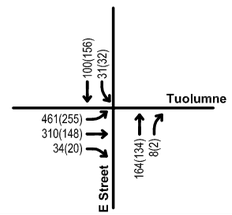
46. Fresno Street / Divisadero Street



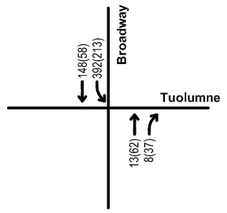
47. H Street / Broadway Street / Fresno Street Ramp



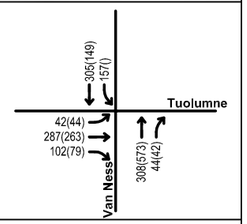
48. E Street / Tuolumne Street



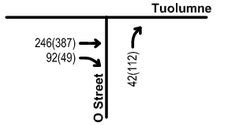
49. Broadway / Tuolumne Street



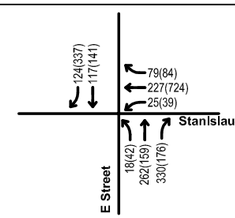
50. Van Ness Avenue / Tuolumne Street



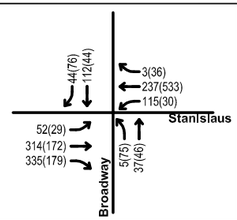
51. O Street / Tuolumne Street



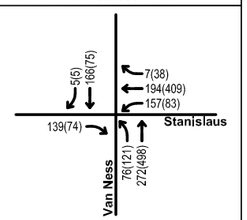
52. E Street / Stanislaus Street



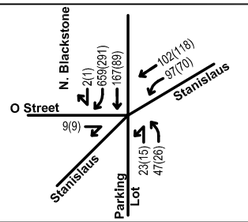
53. Broadway Street / Stanislaus Street



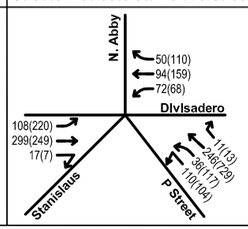
54. Van Ness Avenue / Stanislaus Street



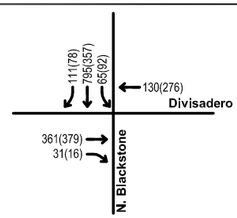
55. N. Blackstone Avenue / Stanislaus Street / O Street



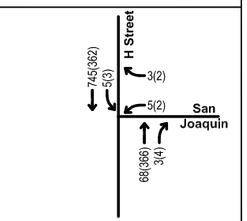
56. N. Abby Street / Divisadero Street / P Street / Stanislaus Street



57. N. Blackstone Avenue / Divisadero Street



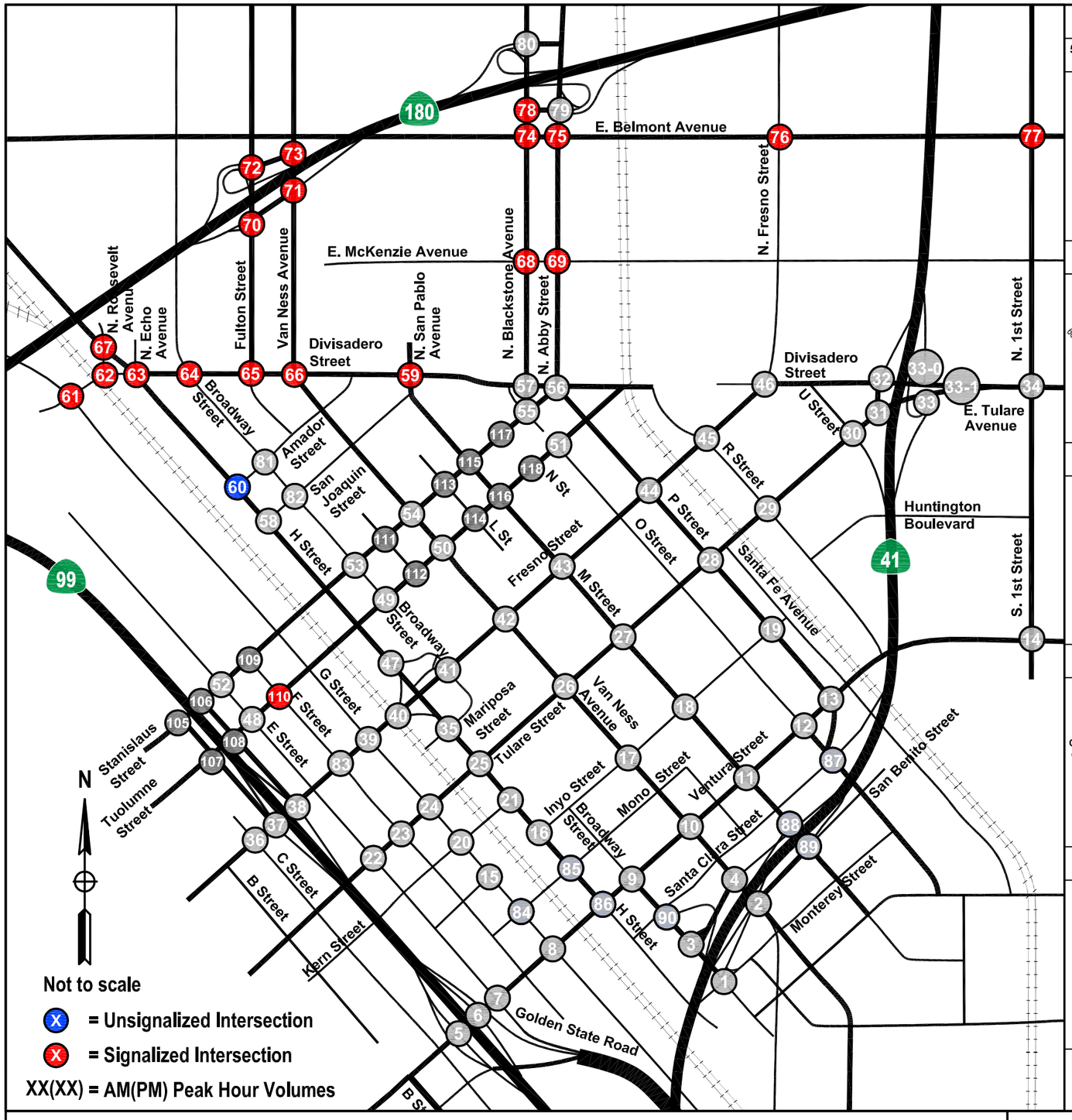
58. H Street / San Joaquin Street



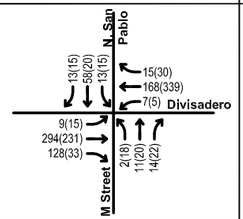
California High-Speed Train Program EIR/EIS

Existing plus Project - Peak Hour Turning Movement Volumes - Fresno Station Tulare Underpass Alternative

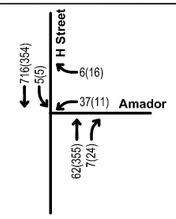
Figure 5.2-2c



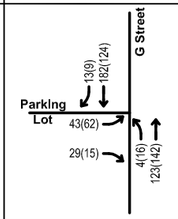
59. M Street / Divisadero Street / N. San Pablo Avenue



60. H Street / Amador Street



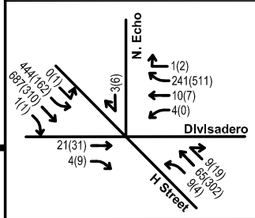
61. G Street / Divisadero Street (Parking Lot)



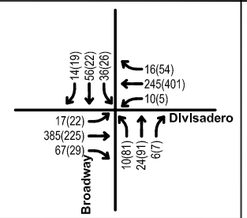
62. N. Roosevelt Avenue / E. Divisadero Avenue

INTERSECTION CLOSED

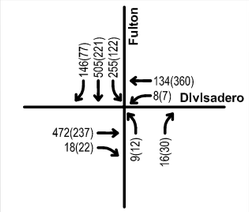
63. H Street / Divisadero Street / N. Echo Avenue



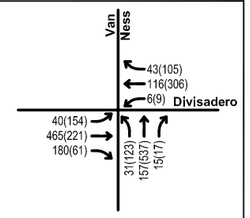
64. Broadway Street / Divisadero Street



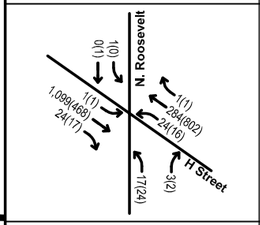
65. Fulton Street / Divisadero Street



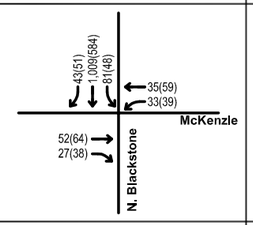
66. Van Ness Avenue / Divisadero Street



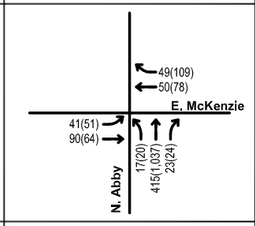
67. H Street / Roosevelt Street



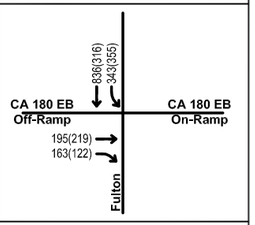
68. N. Blackstone Avenue / E. McKenzie Avenue



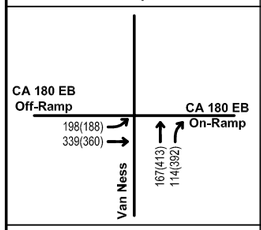
69. N. Abby Street / E. McKenzie Avenue



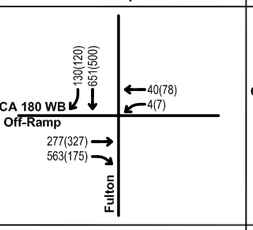
70. Fulton Street / CA 180 EB Off-Ramp



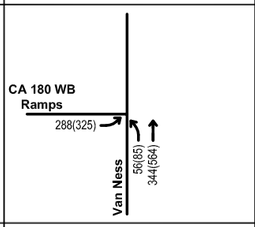
71. Van Ness Avenue / CA 180 EB Ramps



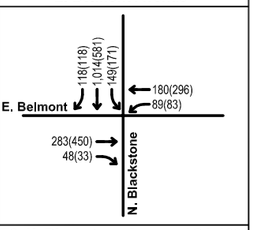
72. Fulton Street / CA 180 WB Ramps



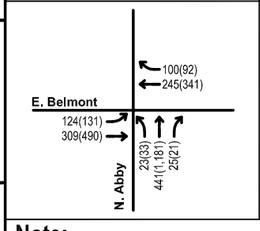
73. Van Ness Avenue / CA 180 WB Ramps



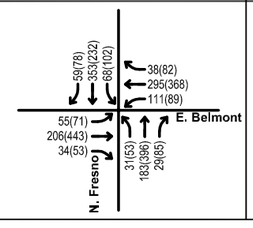
74. N. Blackstone Avenue / E. Belmont Avenue



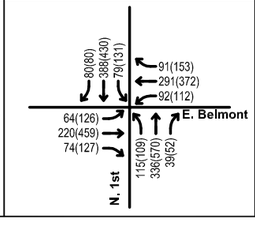
75. N. Abby Street / E. Belmont Avenue



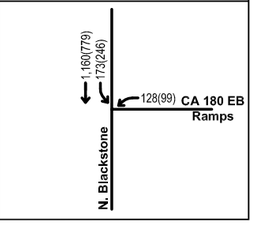
76. N. Fresno Street / E. Belmont Avenue



77. N. 1st Street / E. Belmont Avenue



78. N. Blackstone Avenue / CA 180 EB Ramps



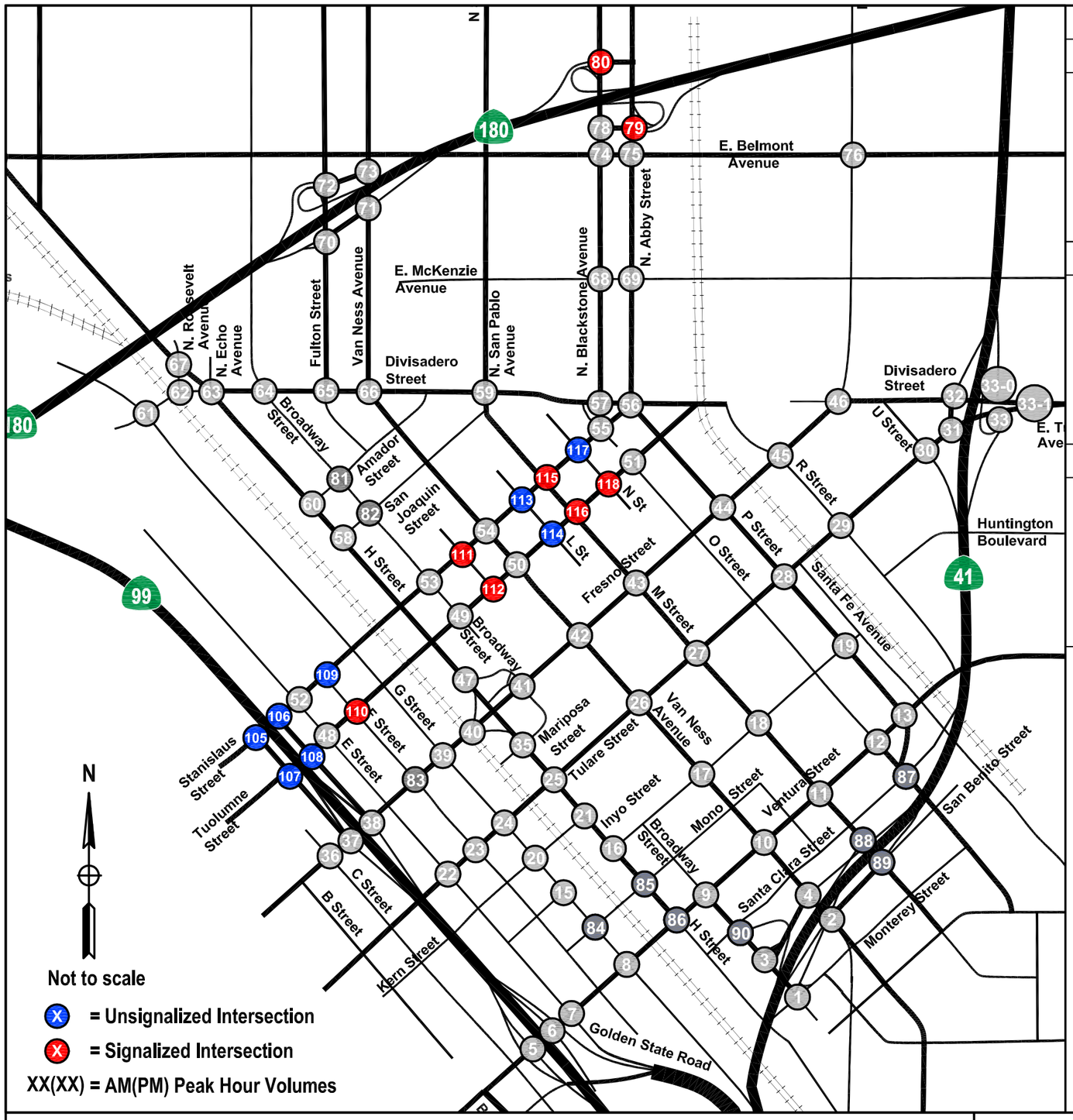
Note:
* = Volume going to CA 180 WB On-Ramp

URS

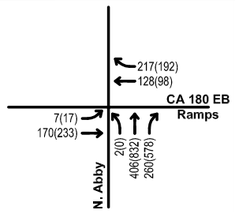
California High-Speed Train Program EIR/EIS

Existing plus Project - Peak Hour Turning Movement Volumes - Fresno Station Tulare Underpass Alternative

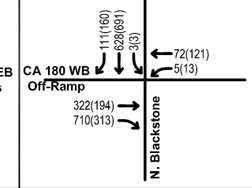
Figure 5.2-2d



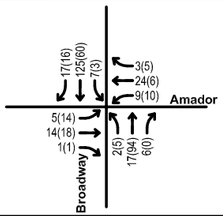
79. N. Abby Street / CA 180 EB Ramps



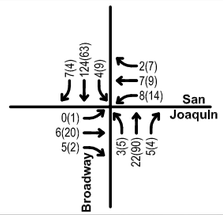
80. N. Blackstone Avenue / CA 180 WB Ramps



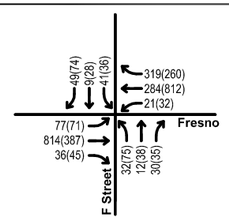
81. Broadway Street / Amador Street



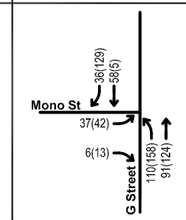
82. Broadway Street / San Joaquin Street



83. F Street / Fresno Street



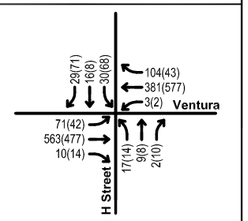
84. G Street / Mono Street



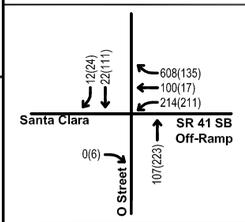
85. H Street / Mono Street (Parking Lot)

INTERSECTION CLOSED

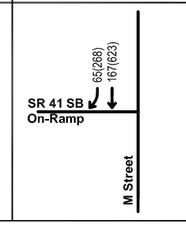
86. H Street / Ventura Street



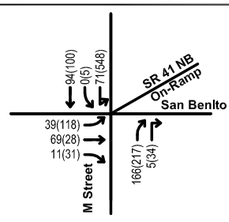
87. O Street / Santa Clara Street - SR 41 SB Off-Ramp



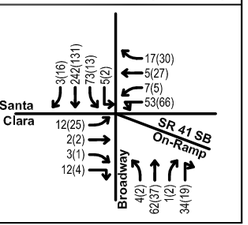
88. M Street / SR 41 SB On-Ramp



89. M Street / San Benito Street - SR 41 NB On-Ramp



90. Broadway Street / Santa Clara Street - SR 41 SB Loop On-Ramp

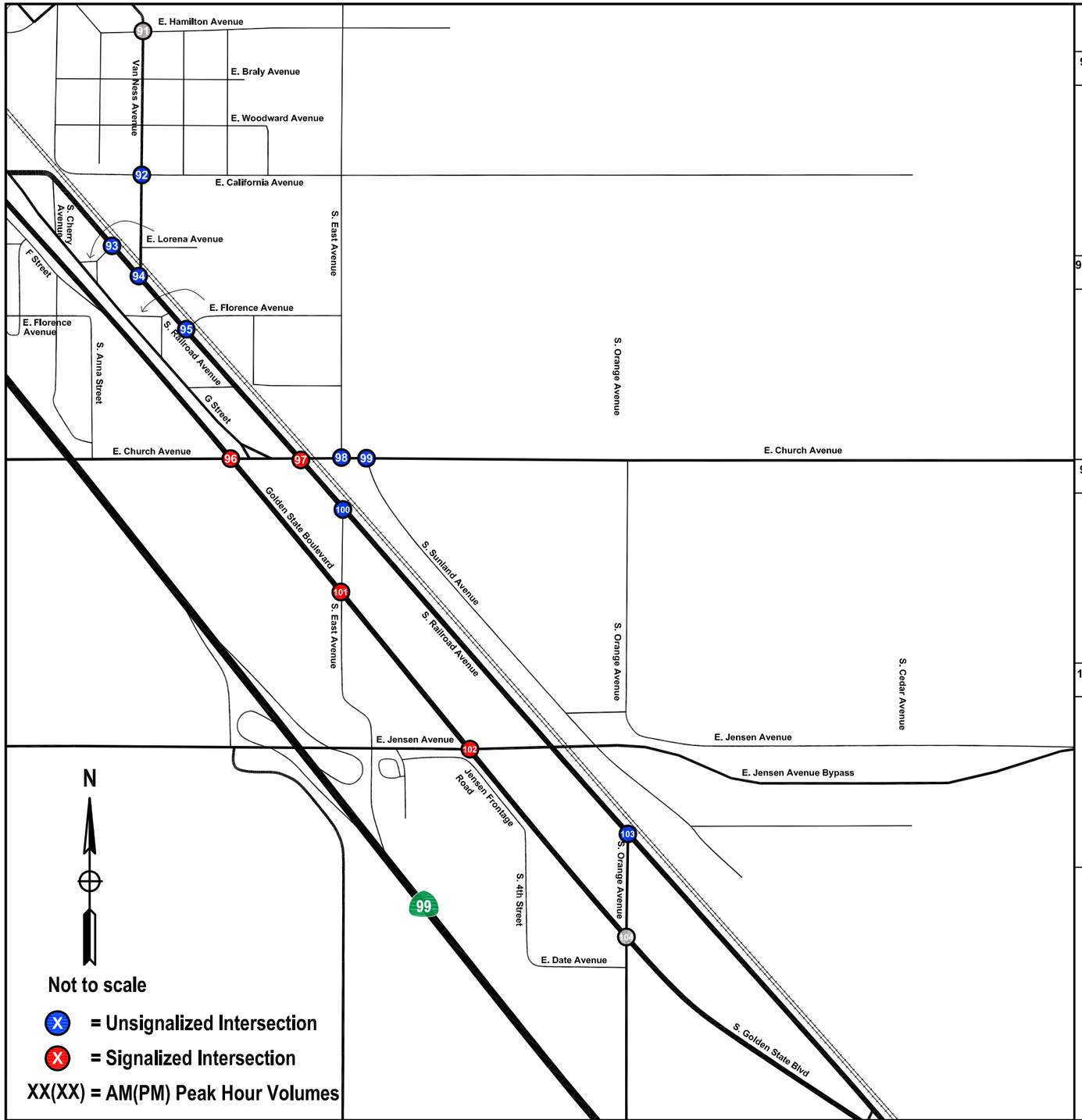


* = Volume going to CA 180 WB On-Ramp

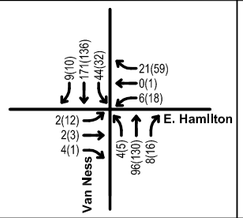
URS

Existing plus Project - Peak Hour Turning Movement Volumes - Fresno Station Tulare Underpass Alternative

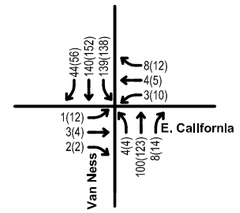
Figure 5.2-2e



91. Van Ness Avenue / E. Hamilton Avenue



92. S. Van Ness Avenue / E. California Avenue



93. S. Railroad Avenue / E. Lorena Avenue

INTERSECTION CLOSED

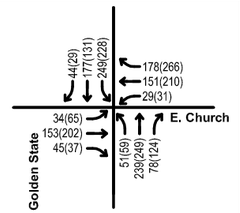
94. S. Railroad Avenue / S. Van Ness Avenue

INTERSECTION CLOSED

95. S. Railroad Avenue / E. Florence Way

INTERSECTION CLOSED

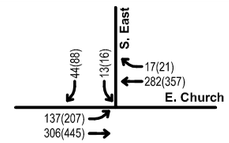
96. Golden State Boulevard / E. Church Avenue



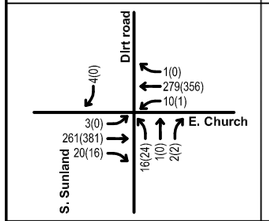
97. S. Railroad Avenue / E. Church Avenue

INTERSECTION CLOSED

98. S. East Avenue / E. Church Avenue



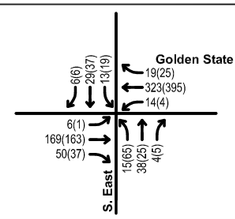
99. S. Sunland Avenue / E. Church Avenue



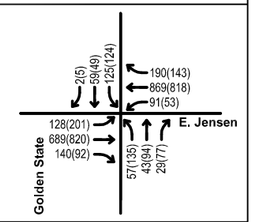
100. S. East Avenue / S. Railroad Avenue

INTERSECTION CLOSED

101. S. East Avenue / Golden State Boulevard



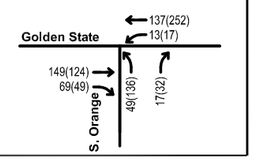
102. Golden State Boulevard / E. Jensen Avenue



103. S. Orange Avenue / S. Railroad Avenue

INTERSECTION CLOSED

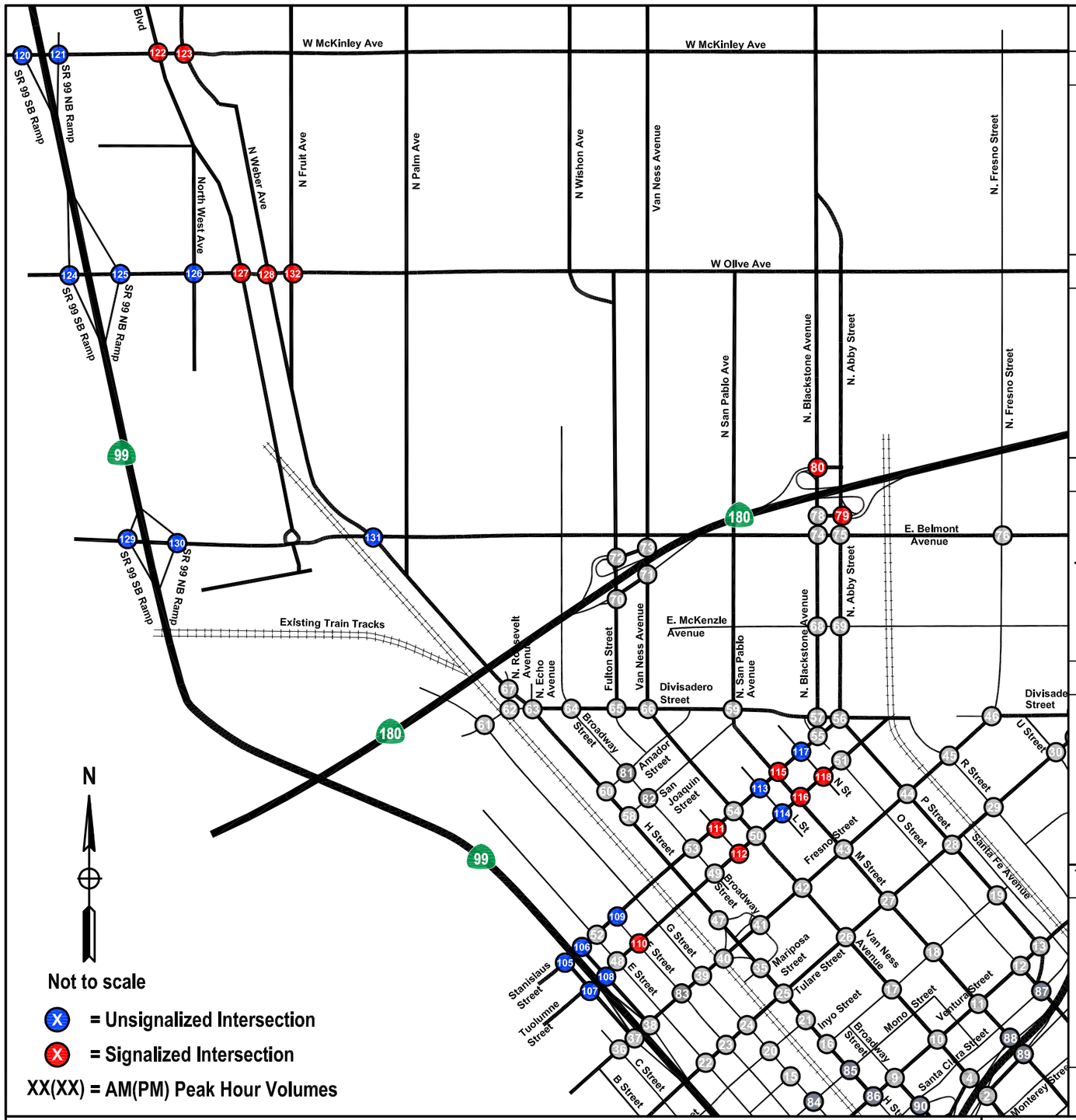
104. S. Orange Avenue / Golden State Boulevard



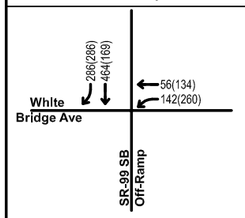
California High-Speed Train Program EIR/EIS

Existing plus Project - Peak Hour Turning Movement Volumes - Fresno Station Tulare Underpass and Overpass Alternatives

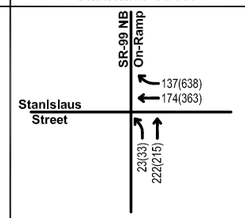
Figure 5.2-2f



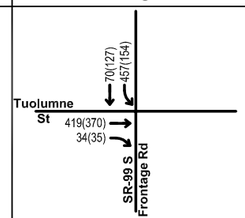
105. Stanislaus Street / SR 99 SB Off-ramp



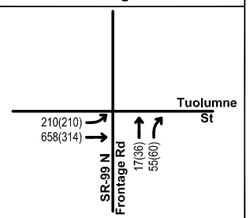
106 . SR-99 NB On-ramp / Stanislaus Street



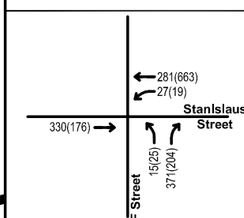
107. Tuolumne St / SR-99 S Frontage Rd



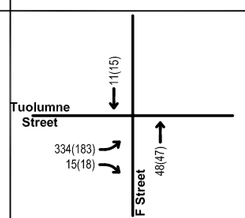
108. Tuolumne Street / SR 99 N Frontage Rd



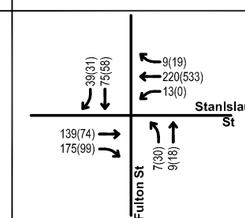
109. Stanislaus Street / F St



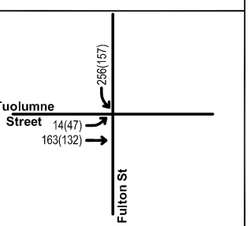
110. F Street / Tuolumne Street



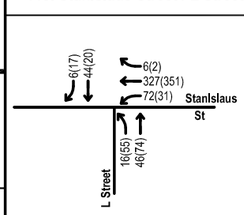
111. Stanislaus St / Fulton St



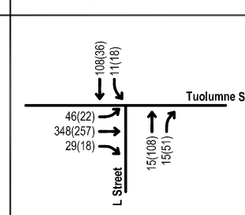
112. Fulton St / Tuolumne St



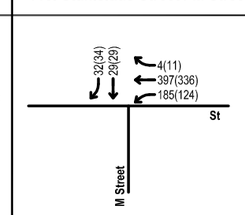
113. Stanislaus Street / L Street



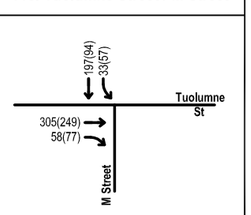
114.Tuolumne Street / L Street



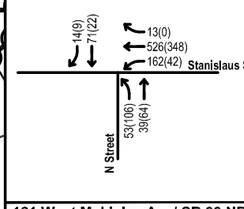
115. Stanislaus Street / M Street



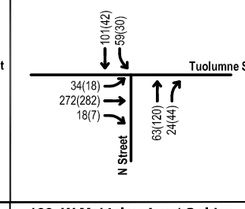
116. Tuolumne Street / M Street



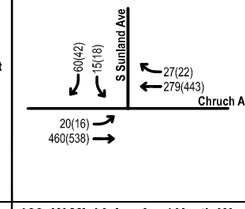
117. Stanislaus Street / N Street



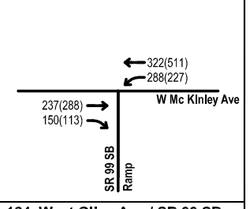
118. Tuolumne St / N Street



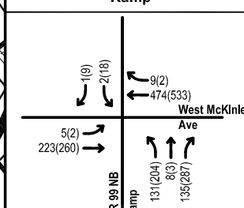
119. Chruch Ave / S Sunland Ave



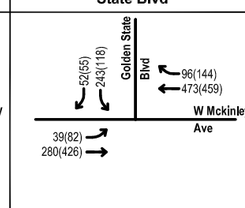
120. W Mckinley Ave / SR 99 SB Ramp



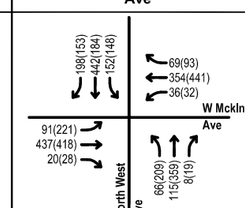
121.West Mckinley Ave/ SR 99 NB Ramp



122. W McKinley Ave / Golden State Blvd



123. W Mickinley Ave/ North West Ave



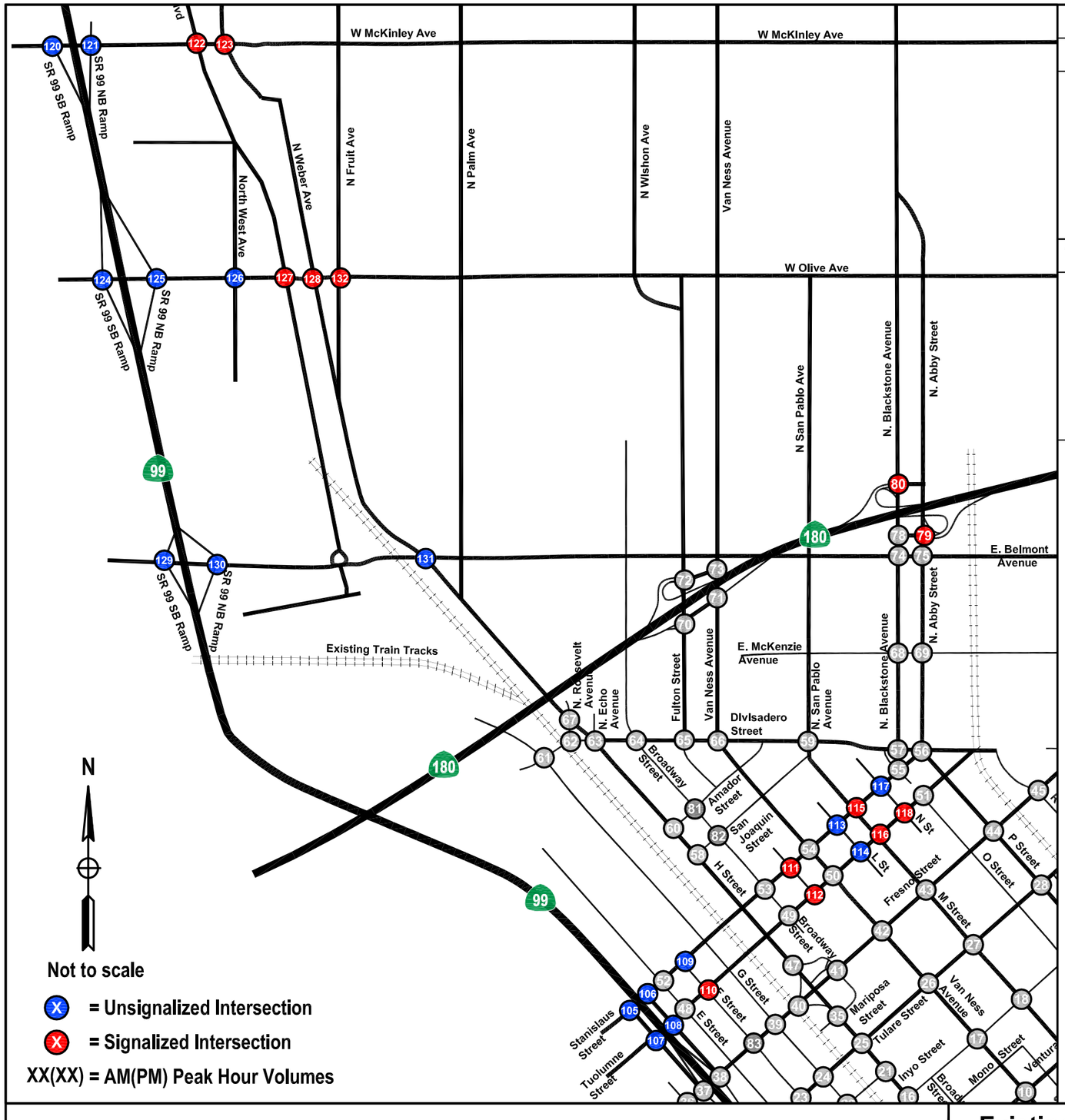
124. West Olive Ave / SR 99 SB Ramps

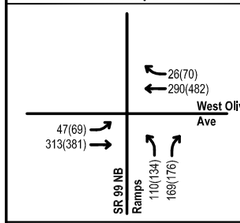
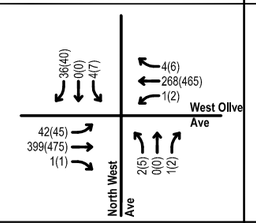
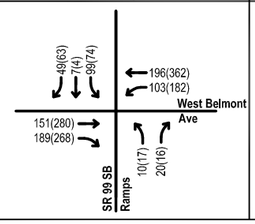
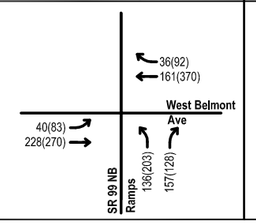
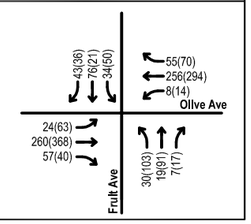
URS

California High-Speed Train Program EIR/EIS

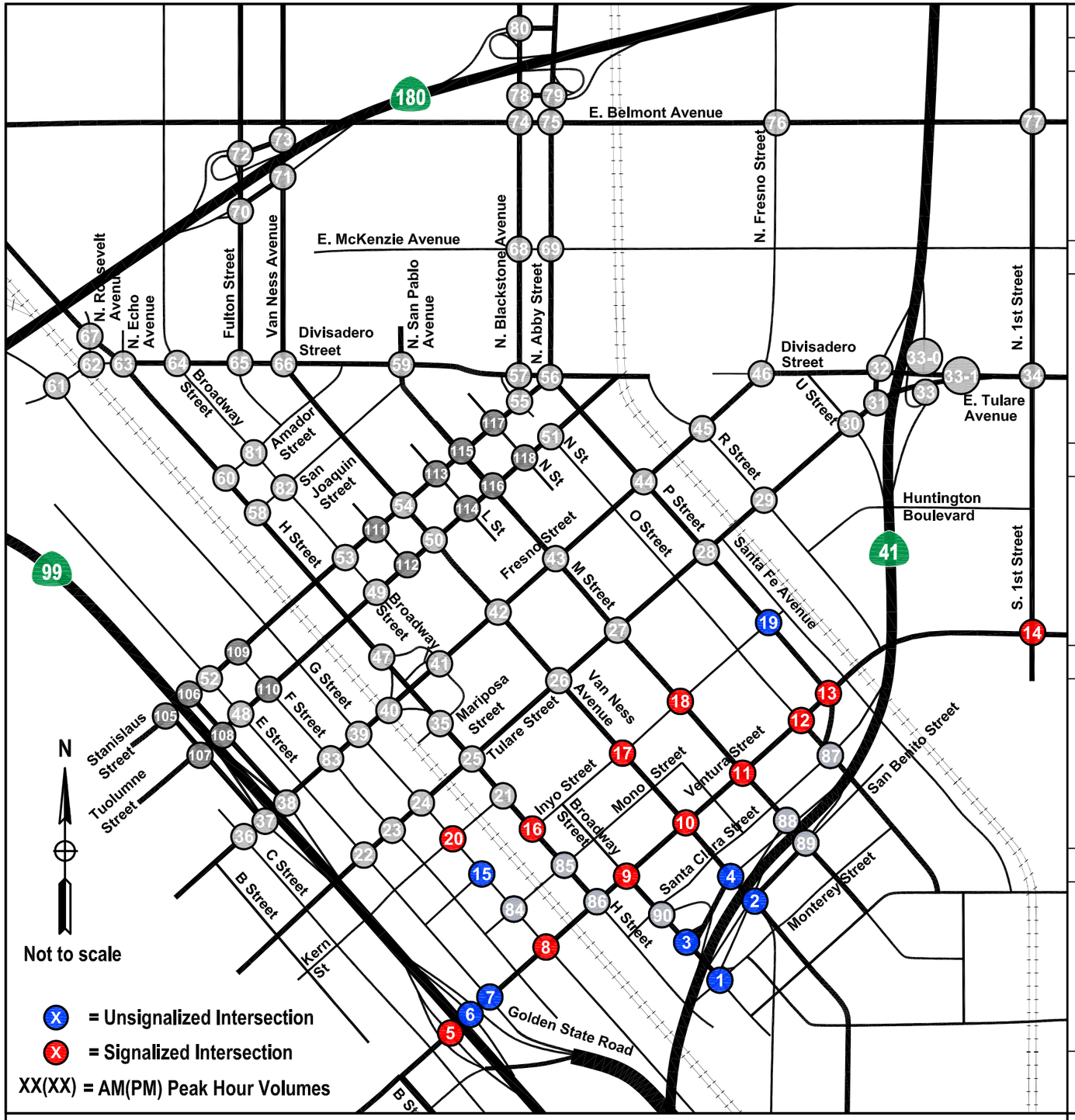
Existing plus Project - Peak Hour Turning Movement Volumes - Fresno Station Tulare Underpass and Overpass Alternatives

Figure 5.2-2g

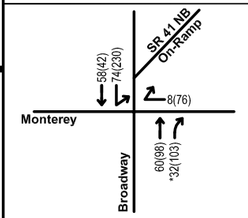


125. West Olive Ave / SR 99 NB Ramps	126. West Olive Ave / North West Ave	127. West Olive Ave / Golden State Blvd	128. West Olive Ave / North Weber Ave
		INTERSECTION CLOSED	INTERSECTION CLOSED
129. West Belmont Ave / SR 99 SB Ramps	**130. West Belomont Ave / SR 99 NB Ramps**	**131. West Belmont Ave / North Weber Avenue**	**132. Olive Ave / Fruit Ave**
		INTERSECTION CLOSED	

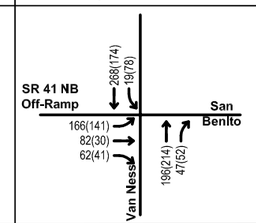
URS	**California High-Speed Train Program EIR/EIS**	**Existing plus Project - Peak Hour Turning Movement Volumes - Fresno Station Tulare Underpass and Overpass Alternatives**
		Figure 5.2-2h



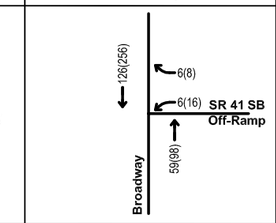
1. Broadway Street / SR 41 NB On-Ramp / Monterey Street



2. Van Ness Avenue / SR 41 NB Off-Ramp / San Benito Street

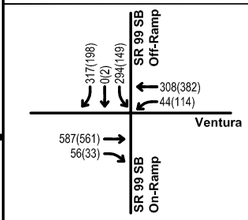


3. Broadway Street / SR 41 SB Off-Ramp

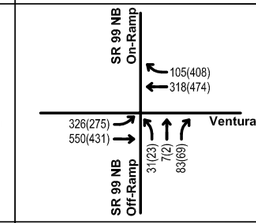


4. Van Ness Avenue / SR 41 SB Off-Ramp

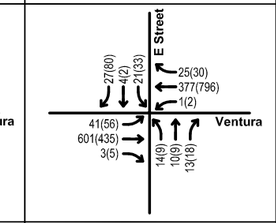
5. SR 99 SB Ramps / Ventura Avenue



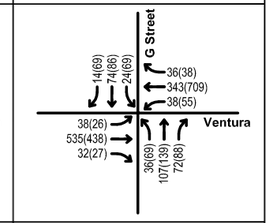
6. SR 99 NB Ramps / Ventura Avenue



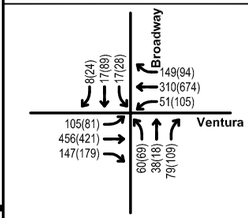
7. E Street / Ventura Avenue



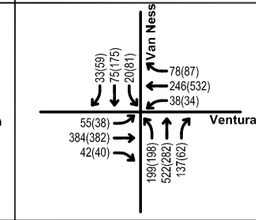
8. G Street / Ventura Avenue



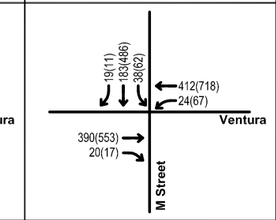
9. Broadway Street / Ventura Avenue



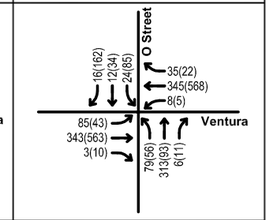
10. Van Ness Avenue / Ventura Street



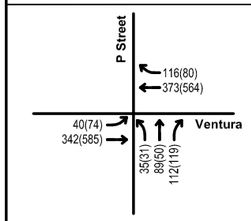
11. M Street / Ventura Street



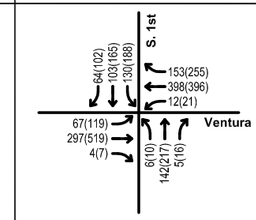
12. O Street / Ventura Avenue



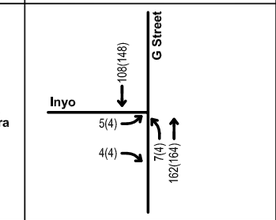
13. P Street / Ventura Avenue



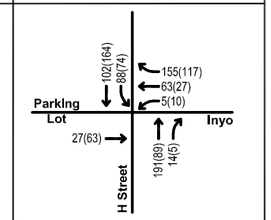
14. S. 1st Street / Ventura Avenue



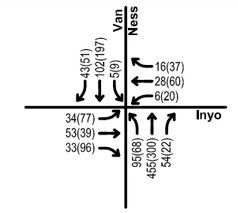
15. G Street / Inyo Street



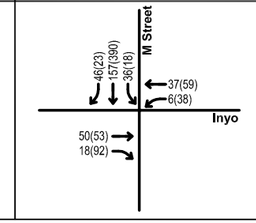
16. H Street / Inyo Street



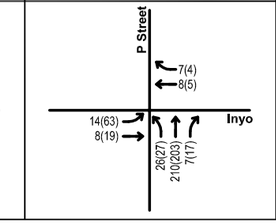
17. Van Ness Street / Inyo Street



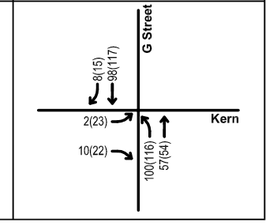
18. M Street / Inyo Street



19. P Street / Inyo Street



20. G Street / Kern Street



Note:
*XX(XX) Volume going to SR 41 NB On-Ramp

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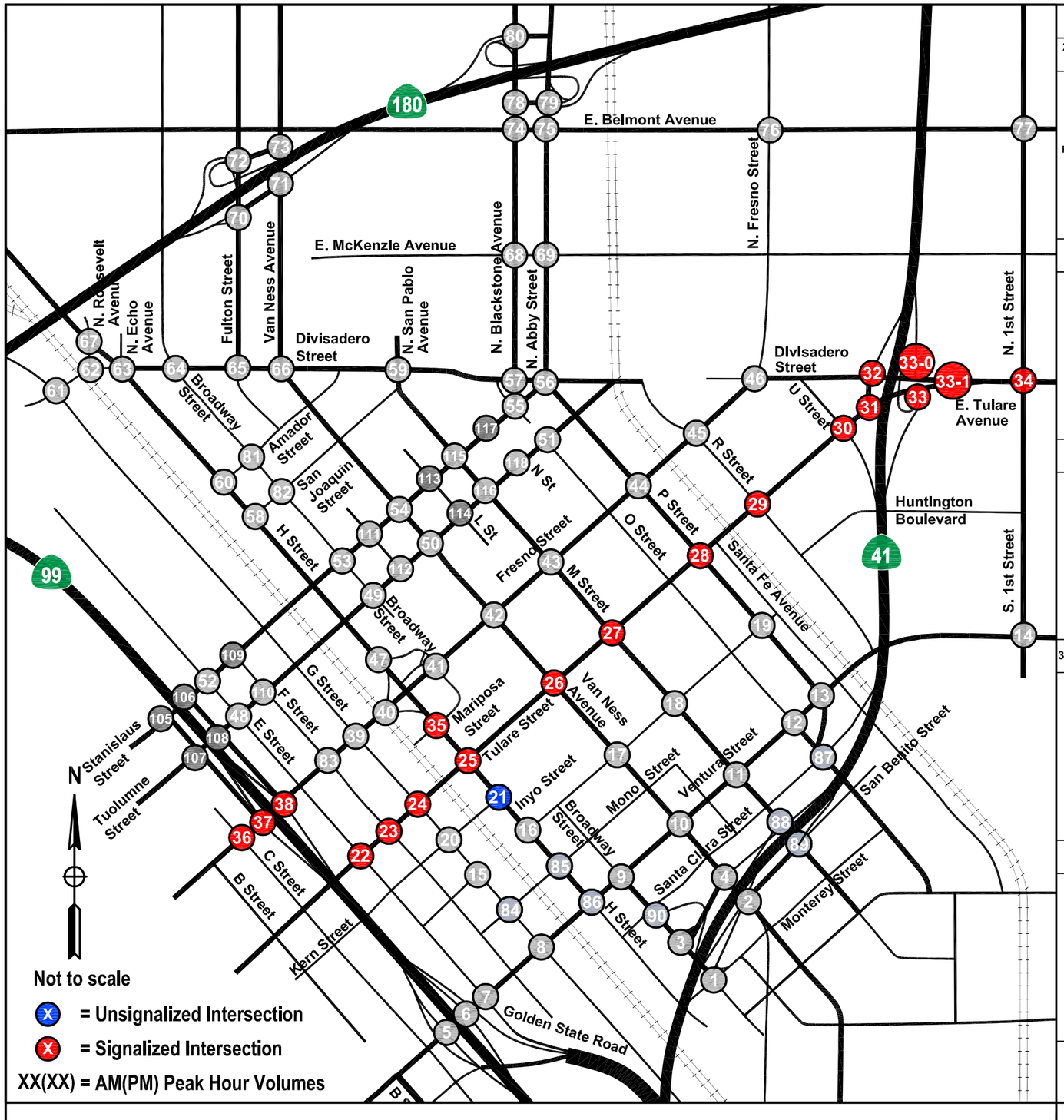
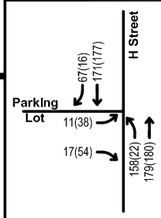
California High-Speed Train Program EIR/EIS

Existing plus Project - Peak Hour Turning Movement Volumes - Fresno Station Tulare Overpass Alternative

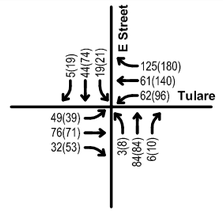
Figure 5.2-2i



21. H Street / Kern Street (Parking Lot)



22. E Street / Tulare Street



23. F Street / Tulare Street

INTERSECTION CLOSED

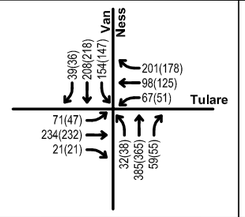
24. G Street / Tulare Street

INTERSECTION CLOSED

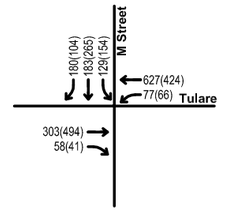
25. H Street / Tulare Street

INTERSECTION CLOSED

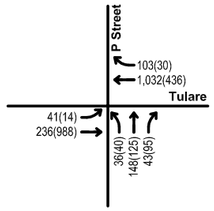
26. Van Ness Avenue / Tulare Street



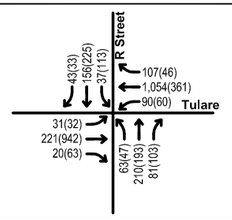
27. M Street / Tulare Street



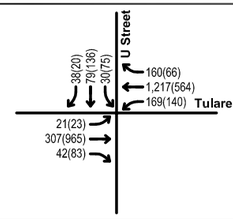
28. P Street / Tulare Street



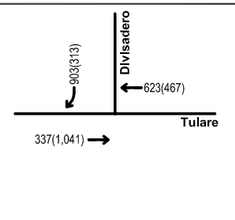
29. R Street / Tulare Street



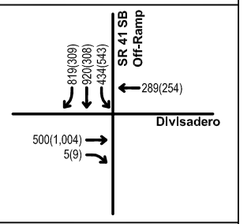
30. U Street / Tulare Street



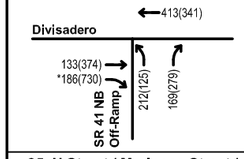
31. Divisadero Street Off-Ramp / Tulare Street



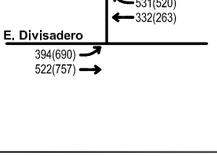
32. SR 41 SB Off-Ramp / Divisadero Street



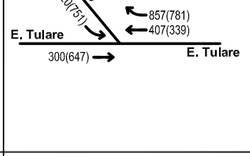
33. SR 41 NB Ramps / Tulare Street



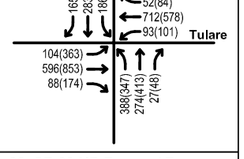
33-0. SR 41 NB On-Ramp / E. Divisadero Street



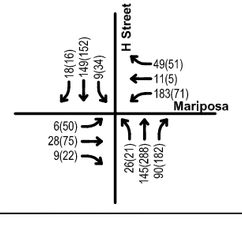
33-1. E. Divisadero Street / E. Tulare Street



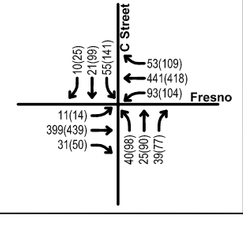
34. N. 1st Street / Tulare Street



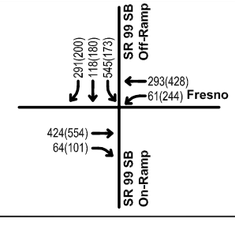
35. H Street / Mariposa Street / Fresno Street Ramps



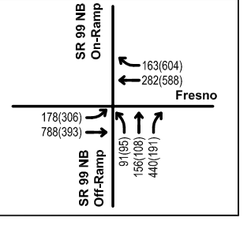
36. C Street / Fresno Street



37. SR 99 SB Ramps / Fresno Street



38. SR 99 NB Ramps / Fresno Street



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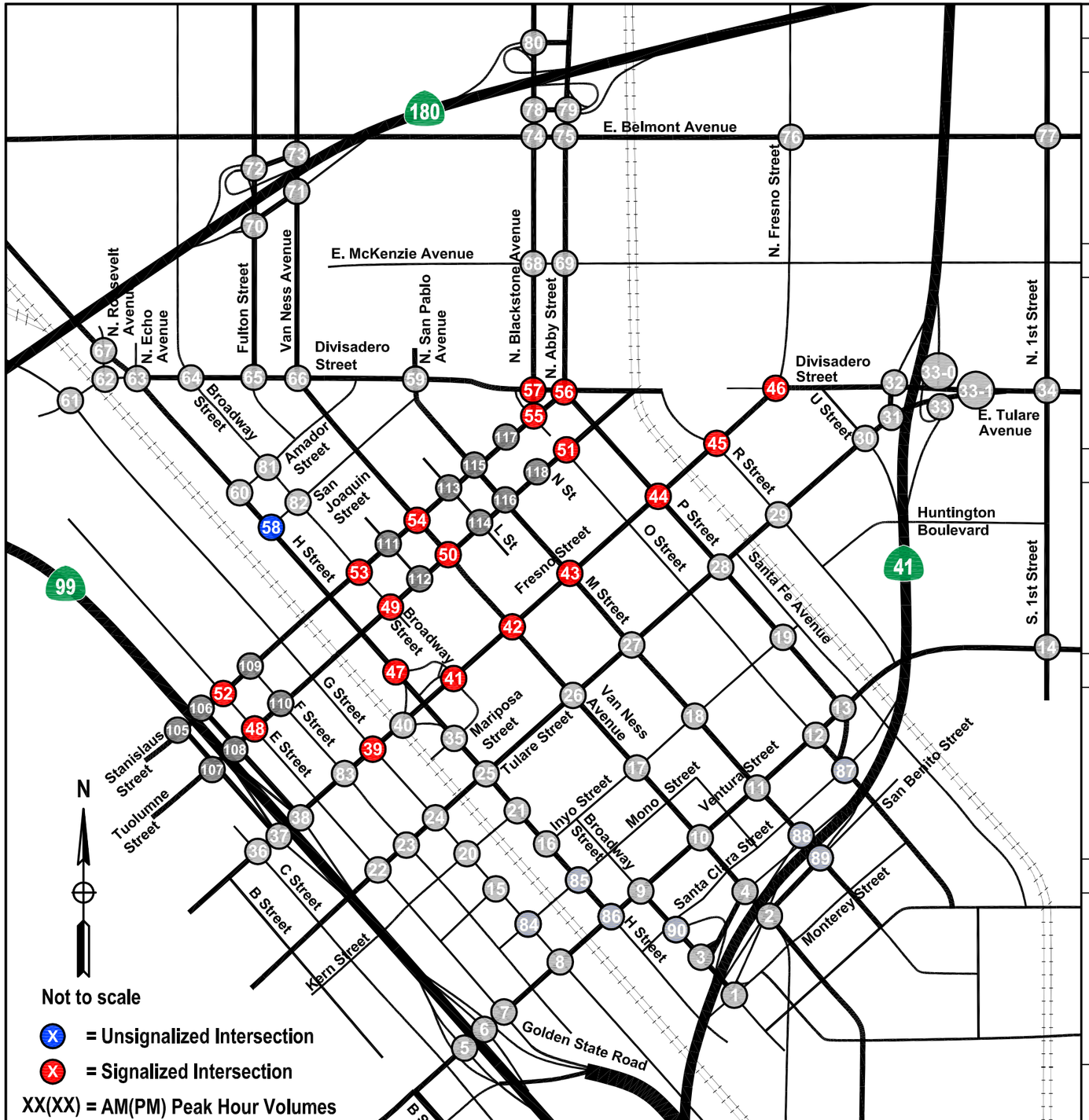
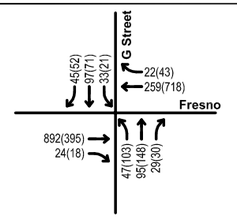
Existing plus Project - Peak Hour Turning Movement Volumes - Fresno Station Tulare Overpass Alternative

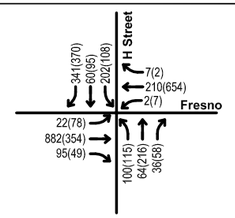
Figure 5.2-2j



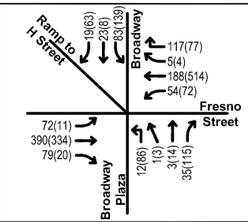
39. G Street / Fresno Street



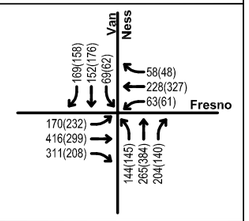
40. H Street / Fresno Street



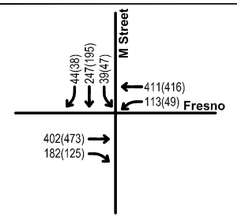
41. Broadway Street / Fresno Street



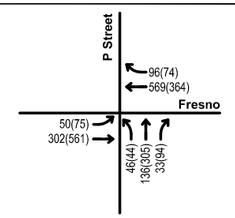
42. Van Ness Avenue / Fresno Street



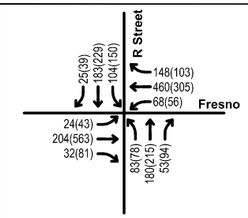
43. M Street / Fresno Street



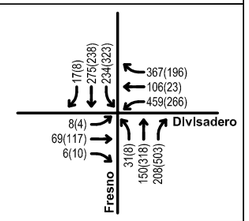
44. P Street / Fresno Street



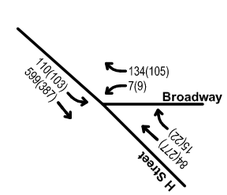
45. R Street / Fresno Street



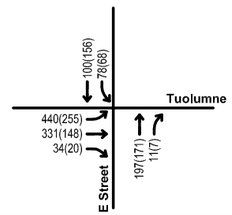
46. Fresno Street / Divisadero Street



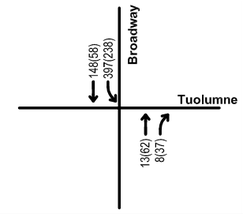
47. H Street / Broadway Street / Fresno Street Ramp



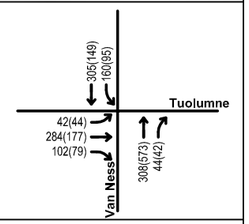
48. E Street / Tuolumne Street



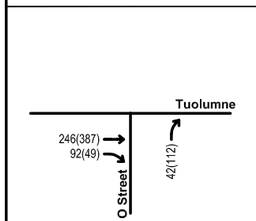
49. Broadway / Tuolumne Street



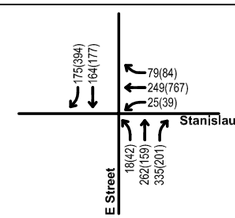
50. Van Ness Avenue / Tuolumne Street



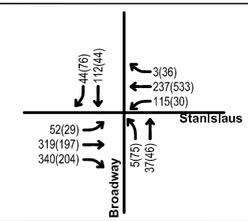
51. O Street / Tuolumne Street



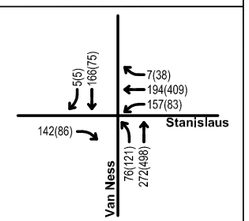
52. E Street / Stanislaus Street



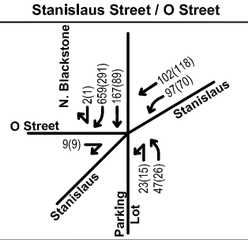
53. Broadway Street / Stanislaus Street



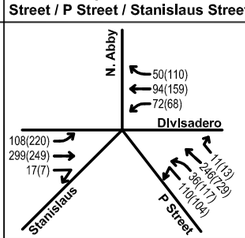
54. Van Ness Avenue / Stanislaus Street



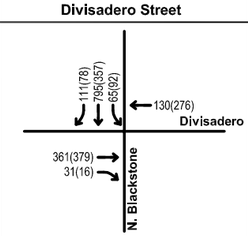
55. N. Blackstone Avenue / Stanislaus Street / O Street



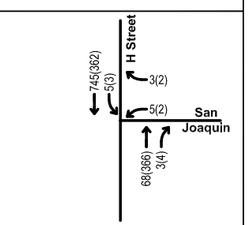
56. N. Abby Street / Divisadero Street / P Street / Stanislaus Street



57. N. Blackstone Avenue / Divisadero Street



58. H Street / San Joaquin Street



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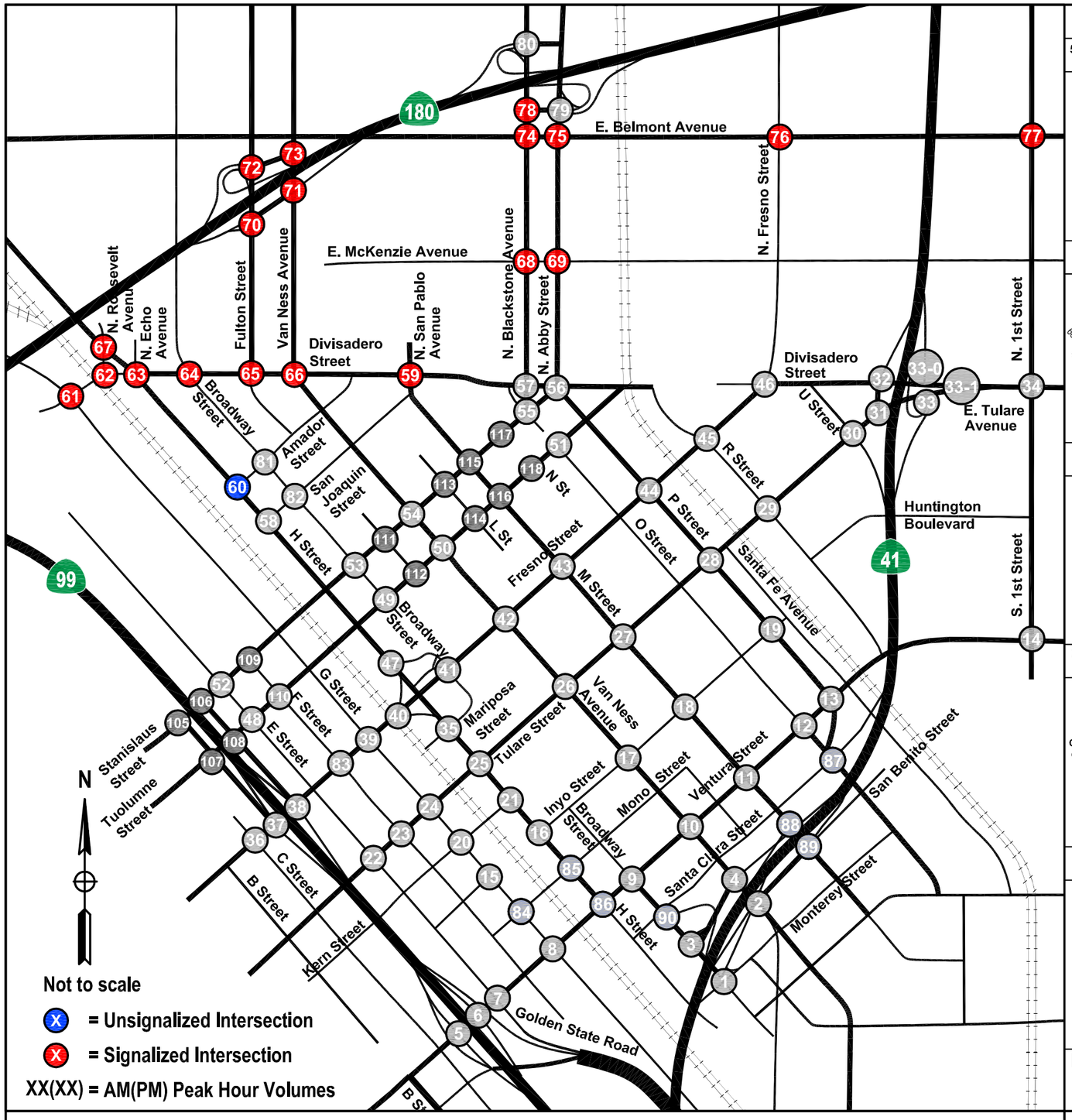
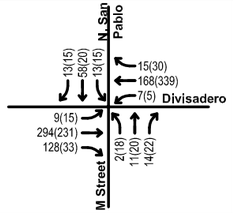
Existing plus Project - Peak Hour Turning Movement Volumes - Fresno Station Tulare Overpass Alternative

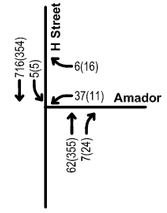
Figure 5.2-2k



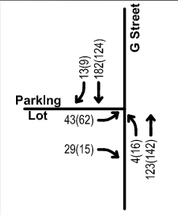
59. M Street / Divisadero Street / N. San Pablo Avenue



60. H Street / Amador Street



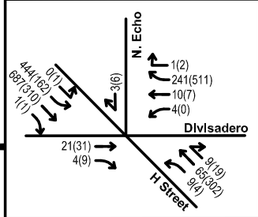
61. G Street / Divisadero Street (Parking Lot)



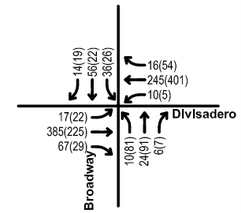
62. N. Roosevelt Avenue / E. Divisadero Avenue

INTERSECTION CLOSED

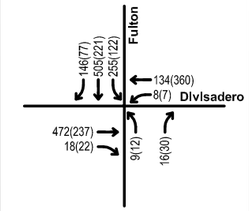
63. H Street / Divisadero Street / N. Echo Avenue



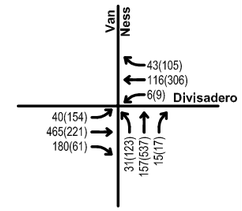
64. Broadway Street / Divisadero Street



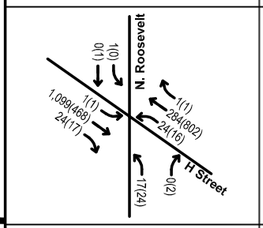
65. Fulton Street / Divisadero Street



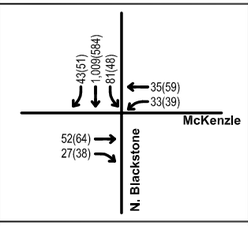
66. Van Ness Avenue / Divisadero Street



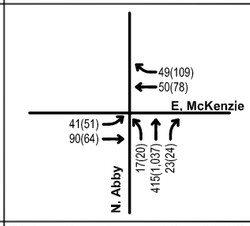
67. H Street / Roosevelt Street



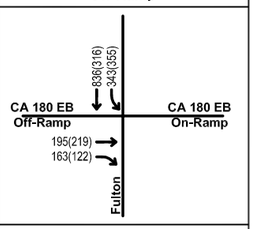
68. N. Blackstone Avenue / E. McKenzie Avenue



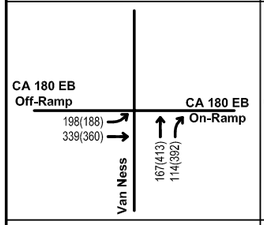
69. N. Abby Street / E. McKenzie Avenue



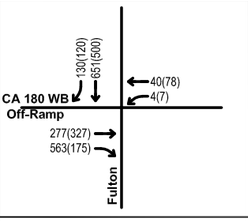
70. Fulton Street / CA 180 EB Off-Ramp



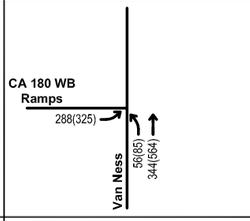
71. Van Ness Avenue / CA 180 EB Ramps



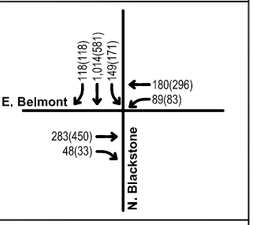
72. Fulton Street / CA 180 WB Ramps



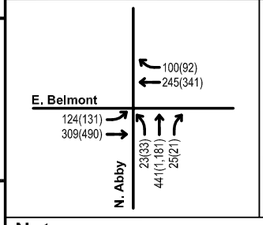
73. Van Ness Avenue / CA 180 WB Ramps



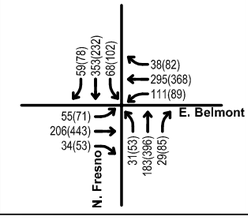
74. N. Blackstone Avenue / E. Belmont Avenue



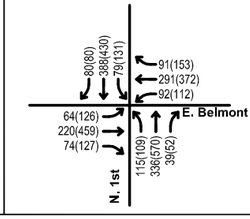
75. N. Abby Street / E. Belmont Avenue



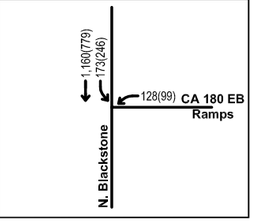
76. N. Fresno Street / E. Belmont Avenue



77. N. 1st Street / E. Belmont Avenue



78. N. Blackstone Avenue / CA 180 EB Ramps



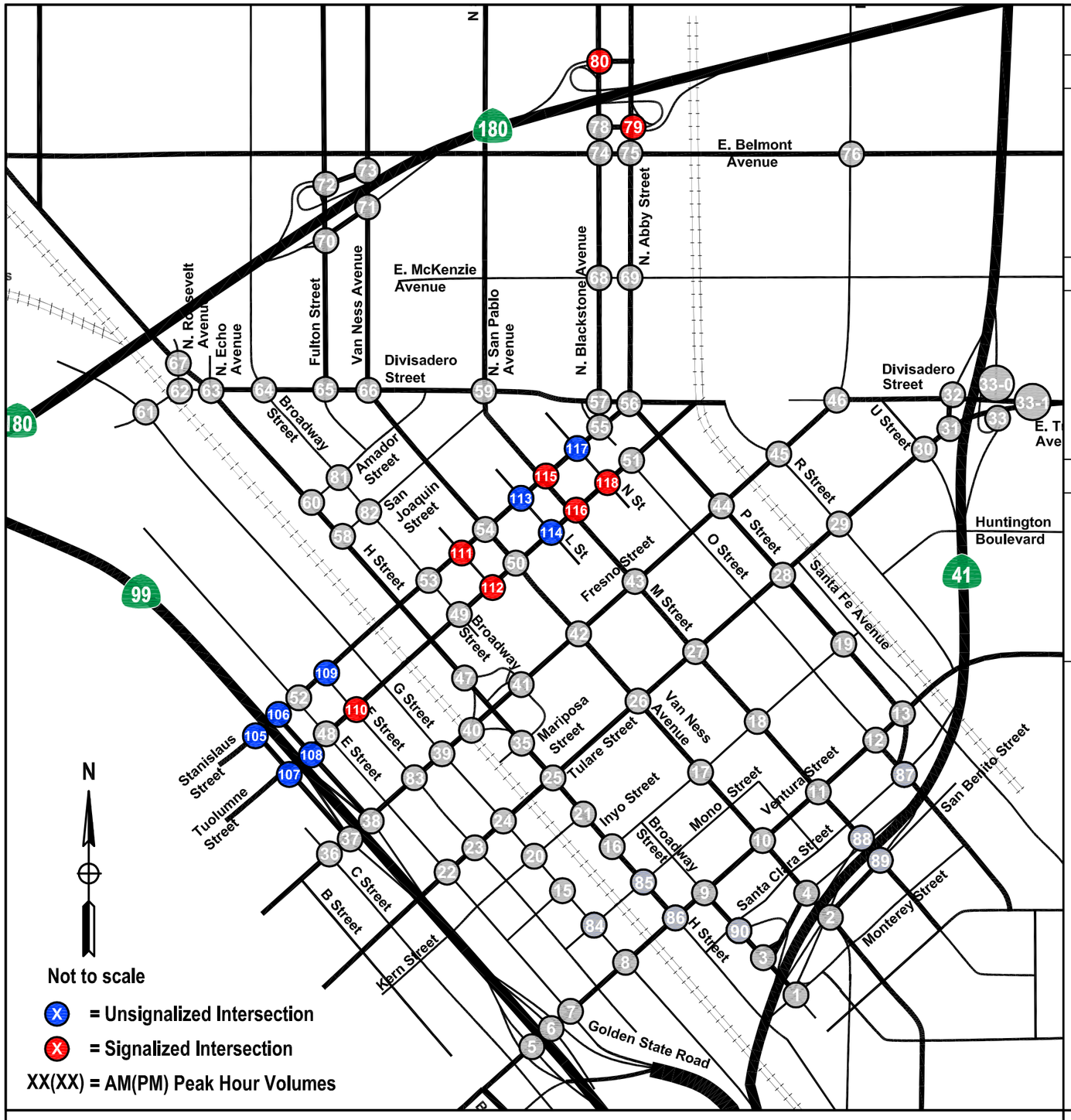
Note:
* = Volume going to CA 180 WB On-Ramp

URS

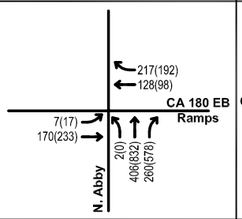
California High-Speed Train Program EIR/EIS

Existing plus Project - Peak Hour Turning Movement Volumes - Fresno Station Tulare Overpass Alternative

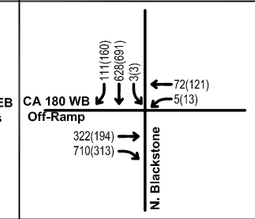
Figure 5.2-2I



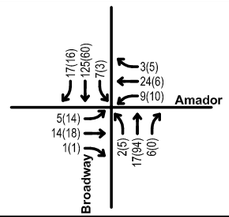
79. N. Abby Street / CA 180 EB Ramps



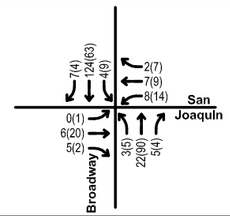
80. N. Blackstone Avenue / CA 180 WB Ramps



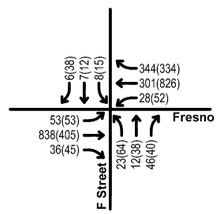
81. Broadway Street / Amador Street



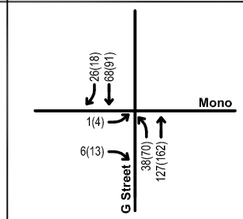
82. Broadway Street / San Joaquin Street



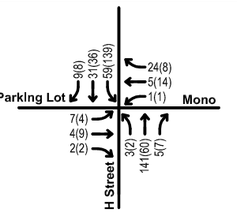
83. F Street / Fresno Street



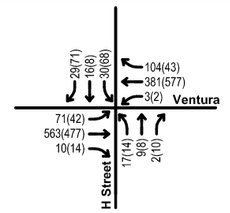
84. G Street / Mono Street



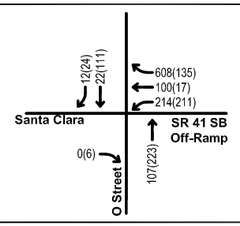
85. H Street / Mono Street (Parking Lot)



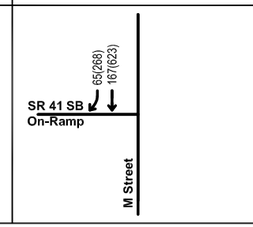
86. H Street / Ventura Street



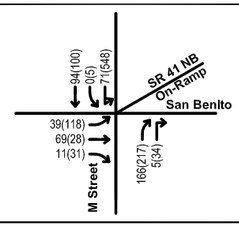
87. O Street / Santa Clara Street - SR 41 SB Off-Ramp



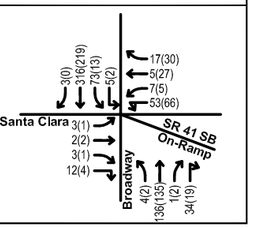
88. M Street / SR 41 SB On-Ramp



89. M Street / San Benito Street - SR 41 NB On-Ramp



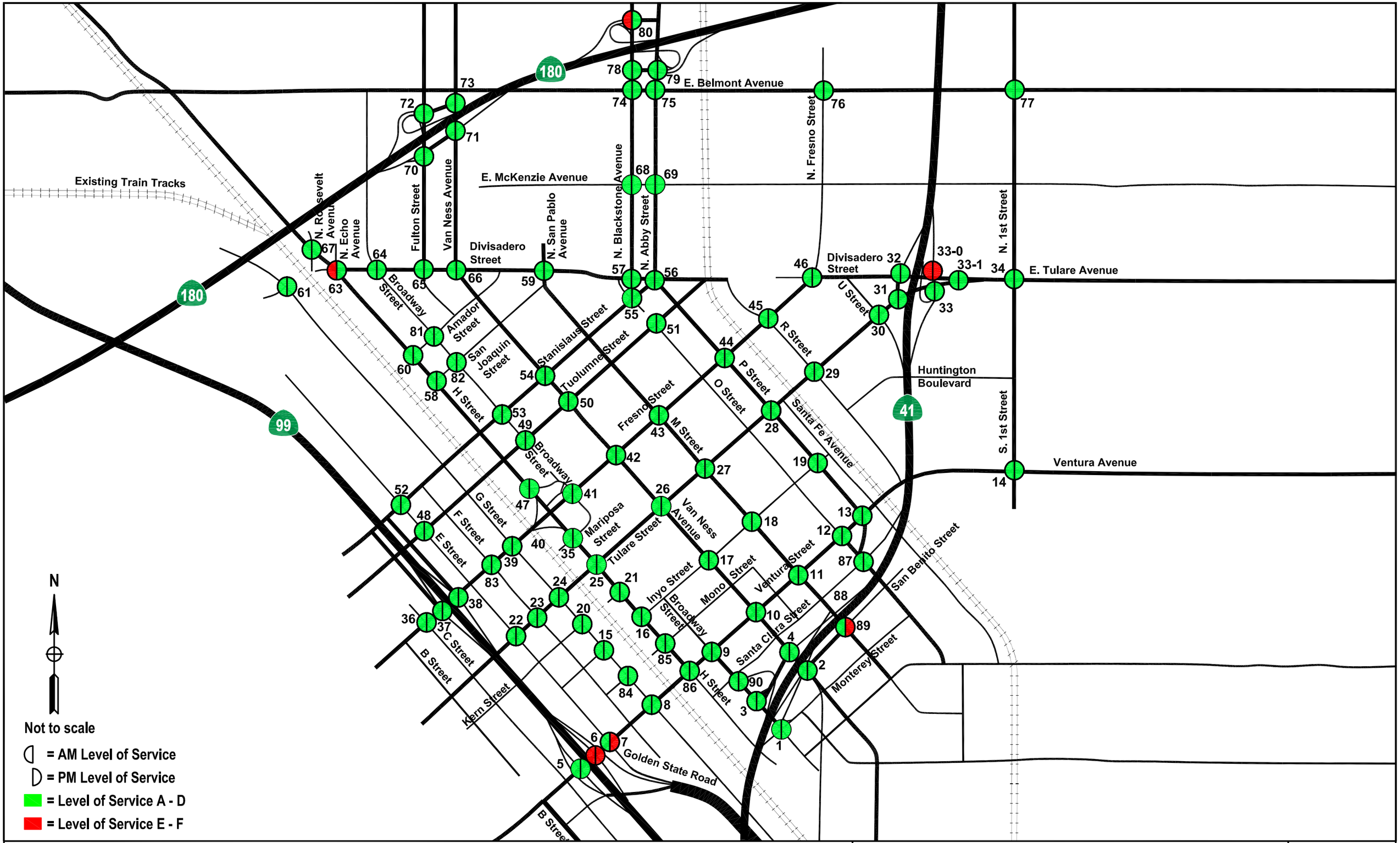
90. Broadway Street / Santa Clara Street - SR 41 SB Loop On-Ramp



URS

Existing plus Project - Peak Hour Turning Movement Volumes - Fresno Station Tulare Overpass Alternative

Figure 5.2-2m



California High-Speed Train Program EIR/EIS

Fresno Station - Existing plus Project Intersection Level of Service

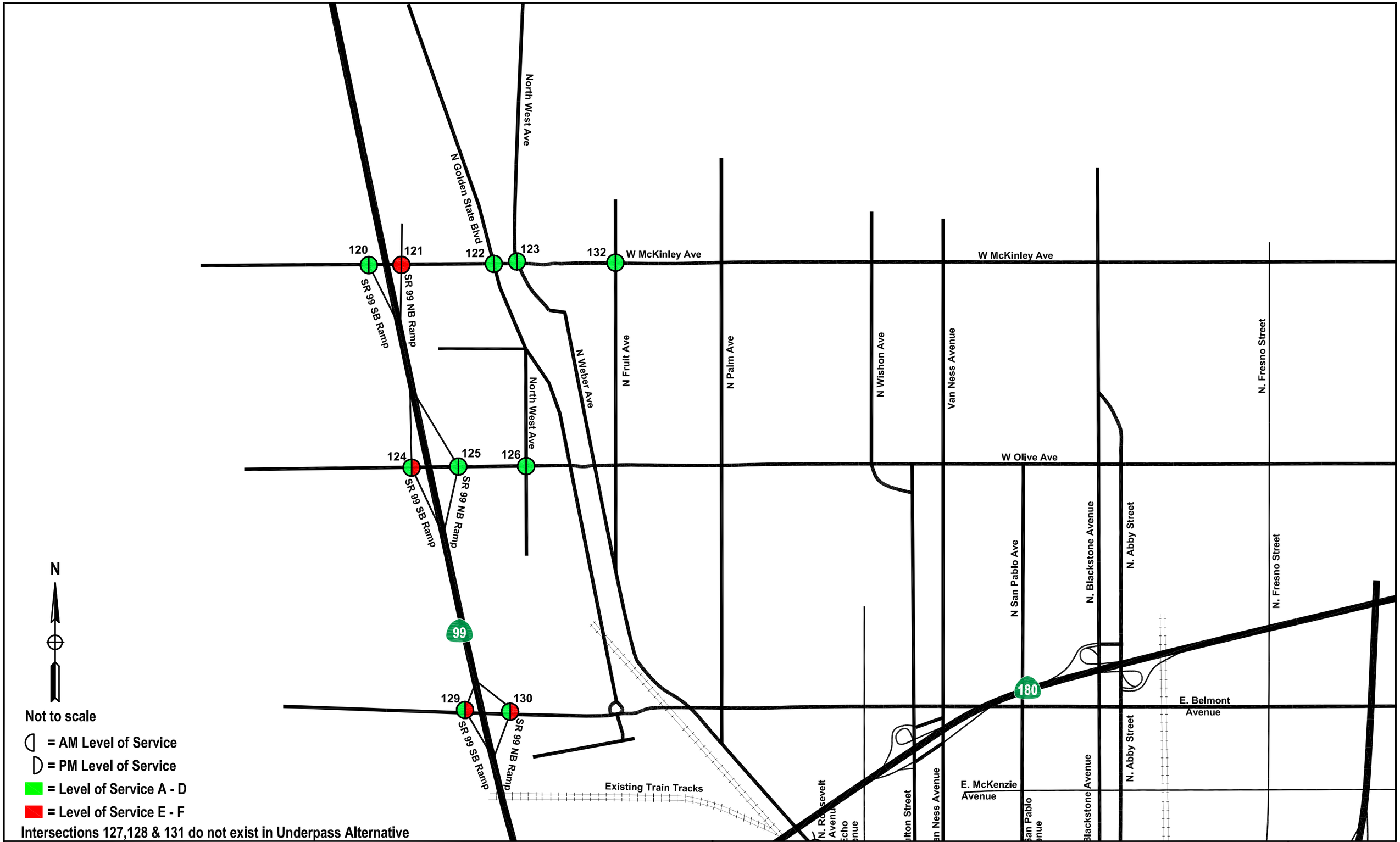
Figure 5.2-3a

91
E. Hamilton Avenue
E. Braly Avenue
E. Woodward Avenue
92
E. California Avenue
Golden State Blvd
F Street
G Street
E. California Avenue
S. Cherry Avenue
93
E. Lorena Avenue
S. East Avenue
F Street
94
E. Florence Avenue
95
S. Railroad Avenue
E. Florence Avenue
S. Elm Avenue
S. Anna Street
G Street
S. Orange Avenue
E. Church Avenue
98
99
E. Church Avenue
96
97
41
100
Golden State Boulevard
S. Stanland Avenue
101
S. East Avenue
S. Railroad Avenue
S. Orange Avenue
S. Cedar Avenue
E. Jensen Avenue
102
E. Jensen Avenue
E. Jensen Avenue Bypass
Jensen Frontage Road
103
S. Orange Avenue
S. 4th Street
99
104
N
Not to scale
= AM Level of Service
= PM Level of Service
= Level of Service A - D
= Level of Service E - F
Note: LOS are not provided for certain intersections due to intersection closure because of HST alignment.

California High-Speed Train Program EIR/EIS

Fresno Station Tulare Underpass and Overpass Alternatives - Existing plus Project Intersection Level of Service

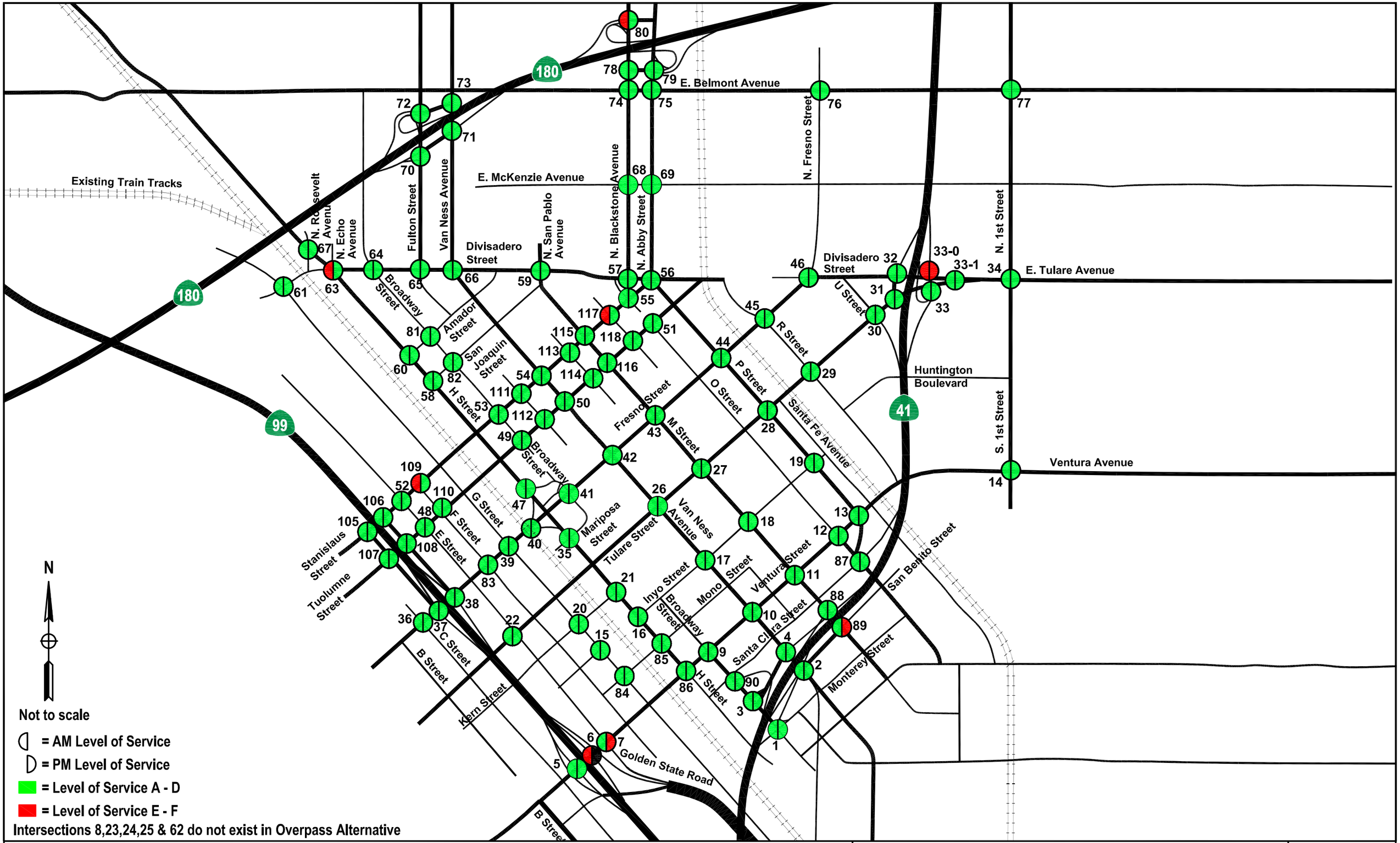
Figure 5.2-3b



California High-Speed Train Program EIR/EIS

Fresno Station Tulare Underpass and Overpass Alternatives - Existing plus Project Intersection Level of Service

Figure 5.2-3c



N

Not to scale

= AM Level of Service

= PM Level of Service

= Level of Service A - D

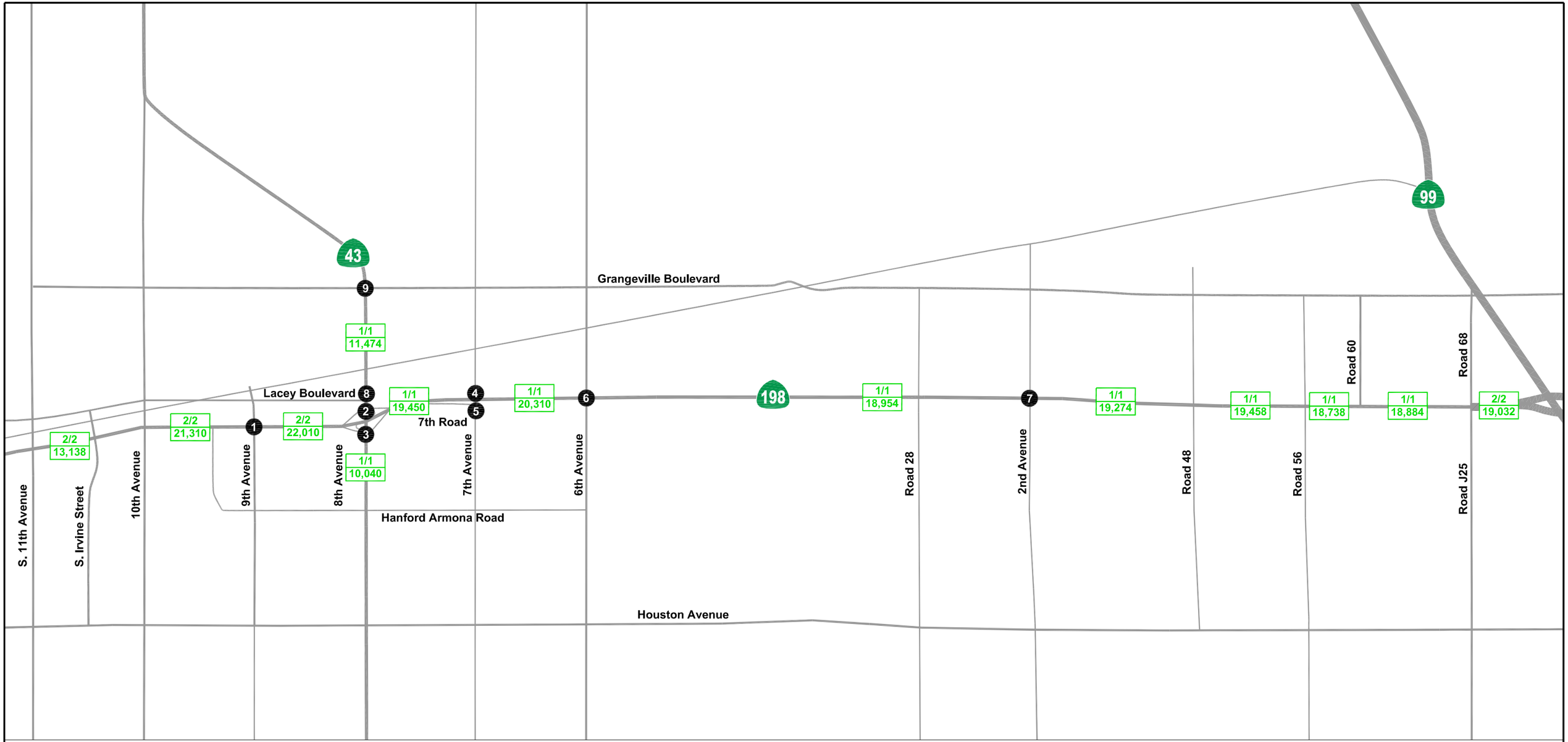
= Level of Service E - F

Intersections 8,23,24,25 & 62 do not exist in Overpass Alternative

California High-Speed Train Program EIR/EIS

Fresno Station Tulare Overpass Alternative - Existing plus Project Intersection Level of Service

Figure 5.2-3d



Not to scale

California High-Speed Train Program EIR/EIS	**Existing plus Project - Average Daily Traffic and Number of Lanes - Kings/Tulare Regional East Station**	**Figure 5.2-4a**

N

Not to scale

No. of lanes
NB/SB or EB/WB
ADT

1/1
4,724

1/1
6,796

1/1
10,086

2/2
17,626

2/2
27,474

1/1
8,348

1/1
8,168

1/1
2,730

1/1
5,291

1/1
1,618

1/1
5,336

1/1
12,596

2/2
16,562

W Lacey Blvd.

Hanford Armona Rd

Front St.

Hume Ave.

Hood Ave.

Glendale Ave.

Mall Dr.

13th Rd.

13th Rd. W

Kings County Dr.

Campus Dr.

Garner Ave

W 7th St.

W 6th St.

W 5th St.

W 4th St.

W 3rd St.

E Ivy St.

E 11th St.

E 10th St.

E 9th St.

E 4th St.

E 3rd St.

Hawthorn St.

Acacia St.

S Douty St.

S Irwin St.

S Harris St.

S Williams St.

12th Ave.

13th Ave.

14th Ave.

11th Ave.

10th Ave.

9th Ave.

Central Valley Hwy.

198

SR-198 WB ramps

SR-198 EB ramps

SR-198 WB Ramps

SR-198 EB Ramps

= Study Intersections

URS

California High-Speed Train Program EIR/EIS

Existing Plus Project - Average Daily Traffic and Number of Lanes - Kings/Tulare Regional West Station

Figure
5.2-4b

N

Not to scale

X = Signalized Intersection

X = Unsignalized Intersection

XX(XX) = AM(PM) Peak Hour Volumes

43

99

198

Grangeville Boulevard

Lacey Boulevard

7th Road

Hanford Armona Road

Houston Avenue

S. 11th Avenue

S. Irvine Street

10th Avenue

9th Avenue

8th Avenue

7th Avenue

6th Avenue

Road 28

2nd Avenue

Road 48

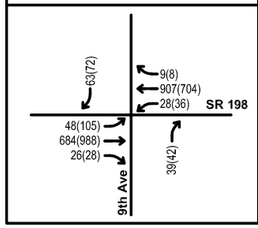
Road 56

Road 60

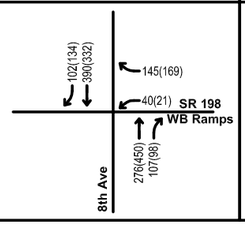
Road 68

Road J25

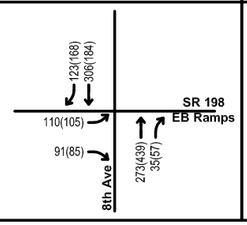
1. 9th Avenue / SR 198



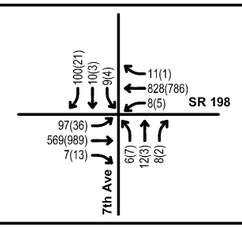
2. 8th Avenue / SR 198 WB Ramps



3. 8th Avenue / SR 198 EB Ramps



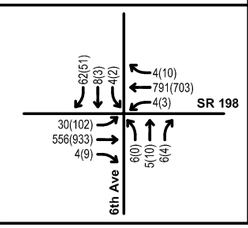
4. 7th Avenue / SR 198



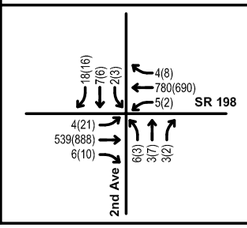
5. 7th Avenue / 7th Road

INTERSECTION NOT TO BE ANALYZED

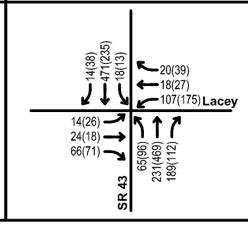
6. 6th Avenue / SR 198



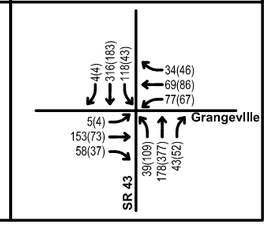
7. 2nd Avenue / SR 198



8. SR 43 / Lacey Boulevard



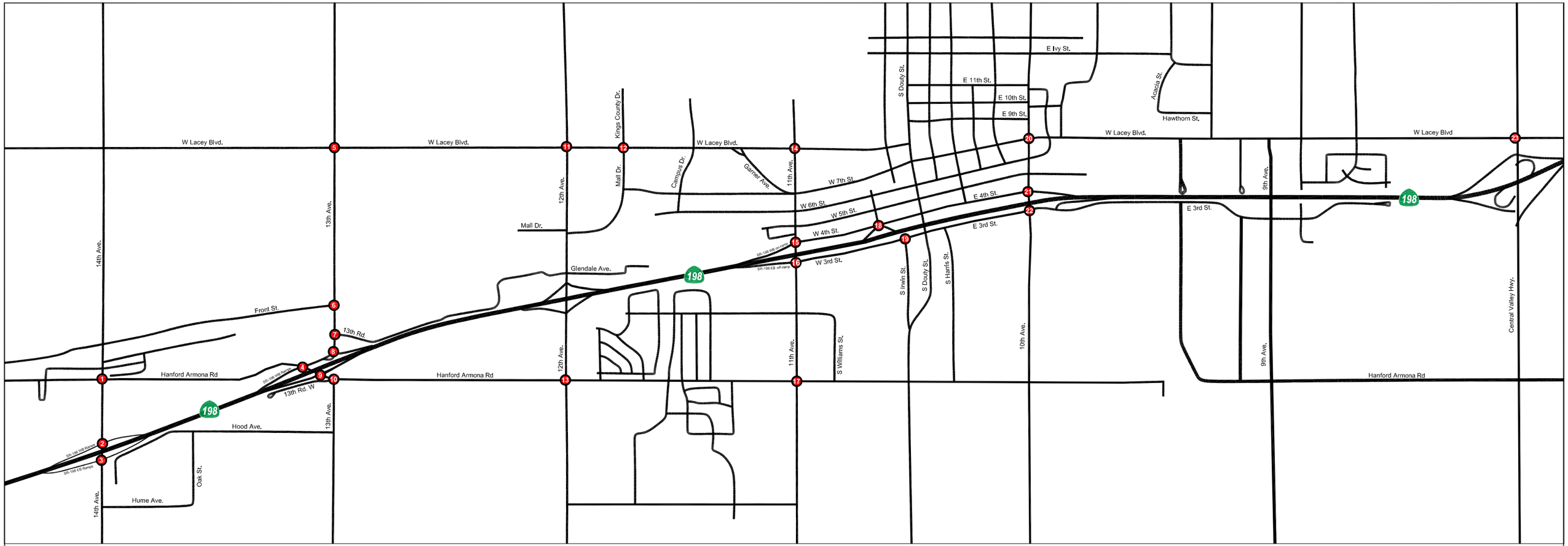
9. SR 43 / Grangeville Boulevard



California High-Speed Train Program EIR/EIS

Existing plus Project - Peak Hour Turning Movement Volumes - Kings/Tulare Regional East Station

Figure 5.2-5a



1. 14th Ave. / Hanford Armona Rd	2. 14th Ave. / SR-198 WB Ramps	3. 14th Ave. / SR 198 EB Ramps	4. Hanford Armona Rd / SR-198 WB On-Ramp	5. 13th Ave. / Lacey Blvd.	6. 13th Ave. / Front Street	7. 13th Ave. / 13th Rd.	8. 13th Ave. / SR-198 WB Ramps	9. 13th Ave. / SR-198 EB Ramps
Hanford Armona Rd.: 35(19) 147(112) 57(107); 28(16) 70(87) 17(29); 55(73) 53(71) 69(61)	SR-198 WB Ramps: 54(76) 161(176); 37(80) 1(2) 58(89)	SR-198 EB Ramps: 138(233) 73(65); 77(82) 20(27); 119(174) 98(88)	Hanford Armona Rd: 106(131) 84(86) 139(207); 83(45) 163(207) 3(15); 156(216) 103(95) 56(67)	Lacey Blvd.: 10(10) 158(90) 51(29); 33(11) 249(205) 9(6); 47(43) 91(314) 54(87)	Front St.: 37(47) 261(324); 64(64) 24(23); 22(70) 375(338)	13th Rd.: 275(339) 10(5); 380(381) 7(7); 13(28) 7(21)	SR-198 WB Ramps: 282(359); 244(271); 143(119) 46(62)	Hanford Armona Rd: 157(225) 150(190); 74(143) 51(99); 19(22) 124(232)
14th Ave.: 25(26) 174(226); 17(32) 98(182) 65(35)	14th Ave.: 25(26) 174(226)	14th Ave.: 119(174) 98(88)	SR -198 WB On-Ramp: 8(7) 189(190) 62(116)	13th Ave.: 8(7) 189(190) 62(116)	13th Ave.: 22(70) 375(338)	13th Ave.: 380(381) 7(7)	13th Ave.: 13th Ave.	SR-198 EB Ramps: 74(143) 51(99)

10. Handford Armona Rd. / 13th Ave	11. 12th Ave. / Lacey Blvd.	12. Mall Drive / Lacey Blvd.	13. 12th Ave / Hanford Armona Rd.	14. 11th Ave. / Lacey Blvd.	15.11th Ave. / SR-198 WB On-Ramp	16. 11th Ave. / SR-198 EB Off-Ramp	17. 11th Ave. / Hanford Armona Rd.	18. South Redington St. / 4th St.
Hanford Armona Rd.: 12(0) 6(6) 7(0); 10(3) 144(237) 43(48); 10(0) 82(209) 92(15)	Lacey Blvd.: 44(43) 298(400) 195(127); 33(86) 336(206) 41(152); 47(153) 134(448) 127(288)	Lacey Blvd.: 36(86) 36(121) 10(39); 147(28) 397(347) 86(85); 46(19) 254(603) 93(227)	Hanford Armona Rd.: 40(44) 113(227) 99(230); 54(62) 115(176) 23(50); 179(162) 140(135) 27(51)	Lacey Blvd.: 172(104) 462(501) 53(114); 76(225) 121(282) 103(172); 17(81) 175(290) 47(86)	SR-198 WB On-Ramp: 123(215) 486(812); 48(37) 662(736); 140(111) 25(39) 147(182)	SR-198 EB On-Ramp: 541(798) 90(197); 158(215) 27(30) 53(62); 569(562) 112(106)	Hanford Armona Rd.: 108(153) 239(236) 73(114); 114(137) 116(192) 47(54); 86(91) 131(169) 63(68)	4th St.: 32(62) 59(167); South Redington St.: 123(84) 109(86); 10(12) 134(152) 241(310)
13th Ave.: 53(41) 9(3) 21(17)	13th Ave.: 49(158) 188(492) 102(137)	Mall Drive: 41(155) 146(34) 189(225)	12th Ave.: 47(46) 194(220) 16(32)	11th Ave.: 183(311) 351(467) 43(28)	11th Ave.: 48(37) 662(736)	11th Ave.: 569(562) 112(106)	11th Ave.: 38(79) 310(258) 72(77)	

(x) = Study Intersections

AM(PM) = Existing Plus Project Turning Movement Volumes

N

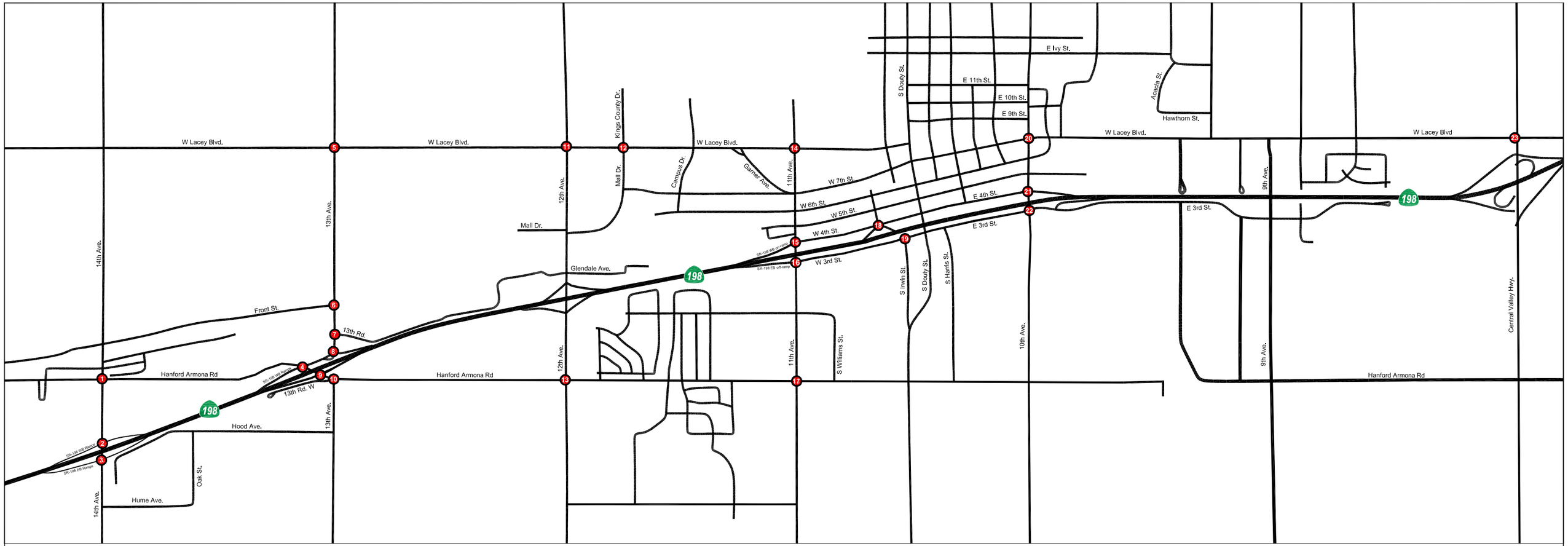
Not to scale

URS

California High-Speed Train Program EIR/EIS

Existing plus Project - Peak Hour Turning Movement Volumes - Kings/Tulare Regional West Station

Figure 5.2-5b



19. South Irwin St. / 3rd St.	20. 14th Ave. / SR-198 WB Ramps	21. 14th Ave. / SR 198 EB Ramps	22. 10th Ave. / 3rd St.	23. 8th Ave. / Lacey Blvd.
3rd St. 182(336) → 8(7) ↘ S. Irwin St. ↗ 12(17)	Lacey Blvd. 100(107) ↓ 528(343) ↓ 62(58) ↓ 48(103) ← 106(129) ← 92(125) ← 62(176) → 91(141) → 24(43) ↘ 10th Ave. ↑ 34(48) ↑ 335(419) ↗ 93(94)	SR-198 EB Ramps 225(191) ↓ 401(388) ↓ 90(82) ← 23(19) ← 35(26) ← 14th Ave. ↑ 41(57) ↑ 474(553)	3rd St. 327(298) ↓ 96(118) ↓ 74(87) ← 10(12) ← 161(223) → 15(18) → 19(18) ↘ 10th Ave. ↑ 274(298) ↗ 45(34)	Lacey Blvd. 14(38) ↓ 493(244) ↓ 18(13) ↓ 20(39) ← 11(10) ← 44(27) ← 14(26) → 7(11) → 66(71) ↘ 8th Ave. ↑ 65(96) ↑ 240(491) ↗ 41(49)

(x) = Study Intersections

AM(PM) = Existing Plus Project Turning Movement Volumes

N

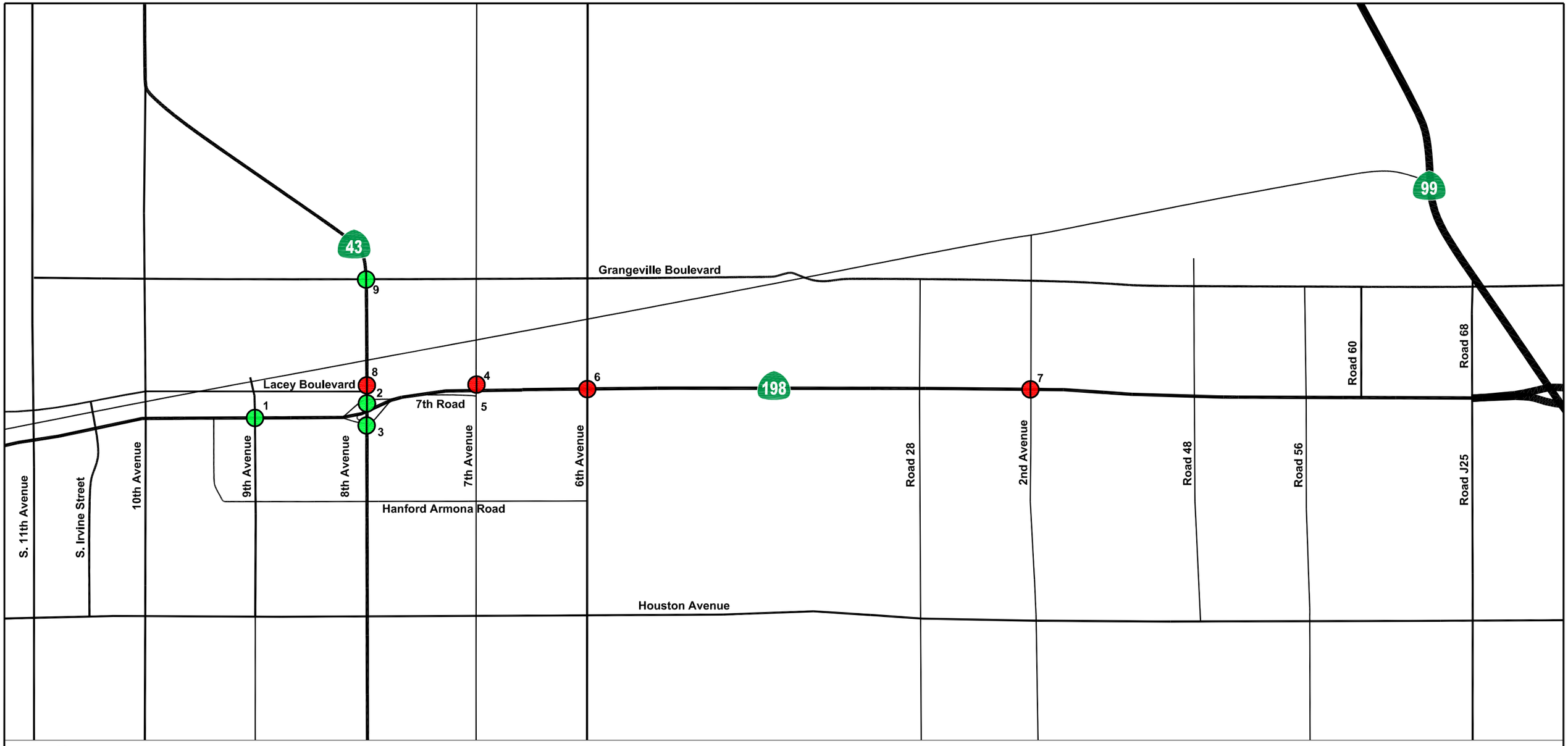
Not to scale

URS

California High-Speed Train Program EIR/EIS

Existing plus Project - Peak Hour Turning Movement Volumes - Kings/Tulare Regional West Station

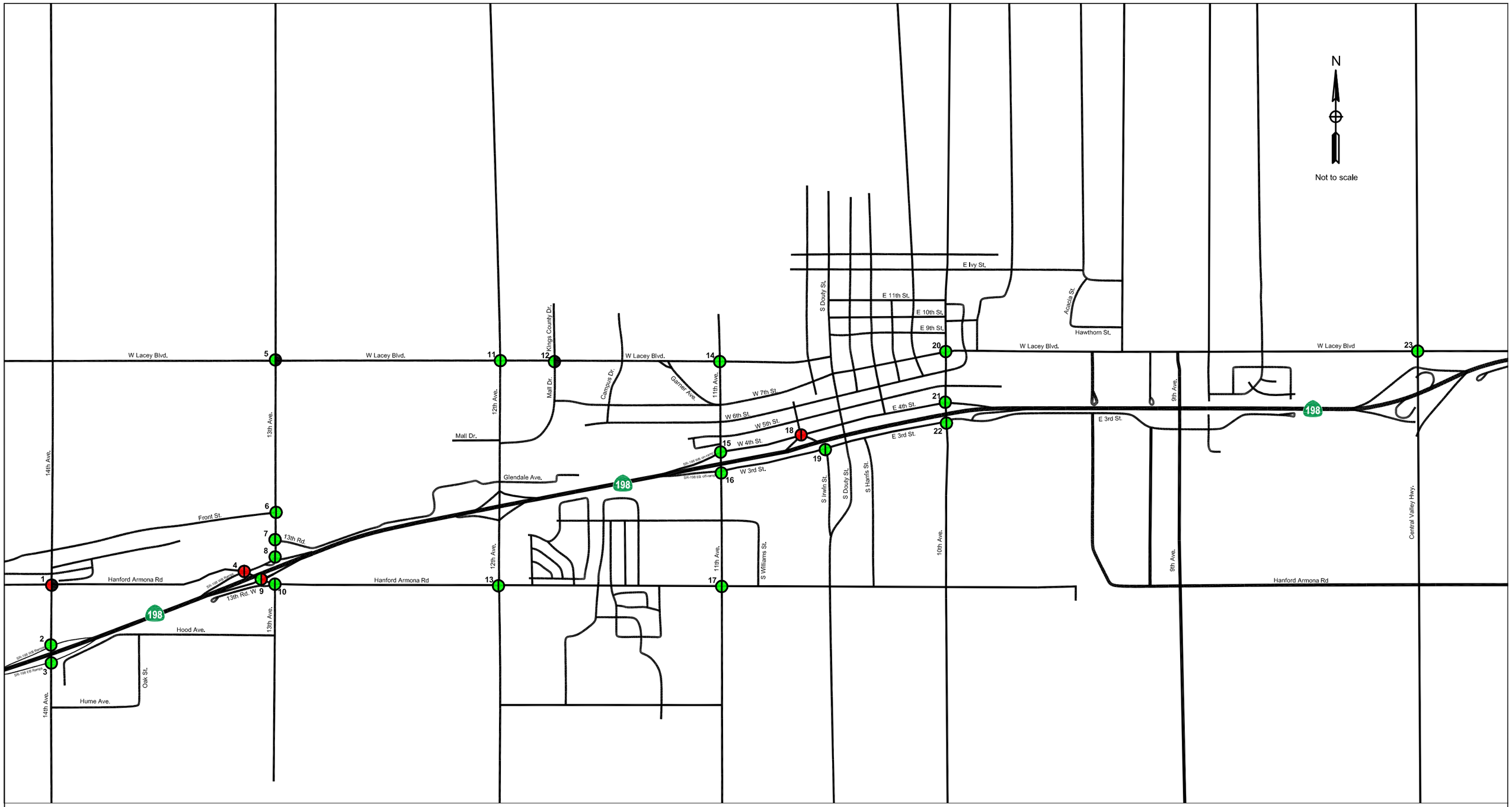
Figure 5.2-5c



California High-Speed Train Program EIR/EIS

Kings/Tulare Regional East Station - Existing plus Project Intersection Level of Service

Figure 5.2-6a



URS

California High-Speed Train Program EIR/EIS

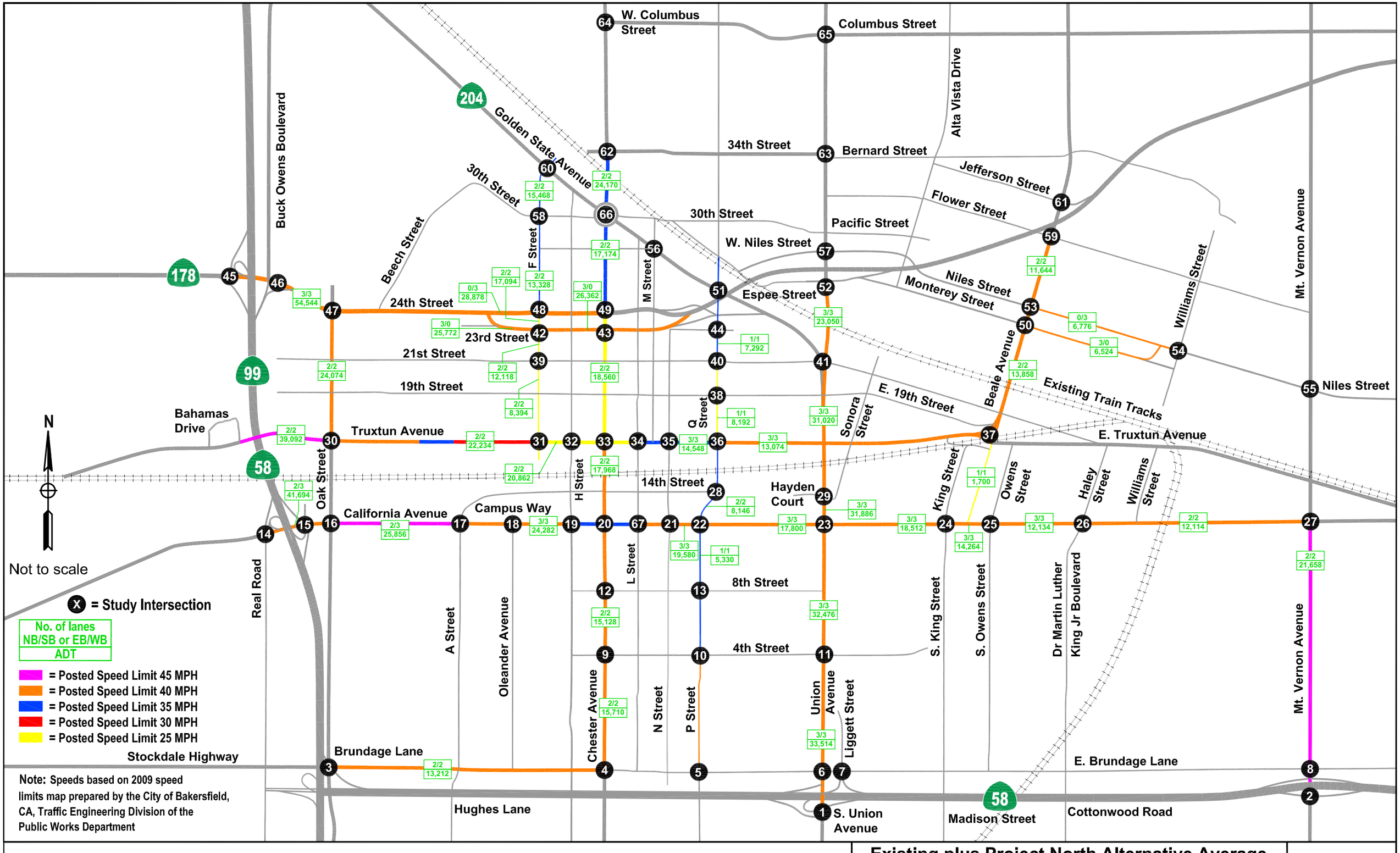
Kings/Tulare Regional West Station - Existing Plus Project Intersection Level of Service

Figure 5.2-6b

California High-Speed Train Program EIR/EIS

Existing plus Project South Alternative Average Daily Traffic, Number of Lanes & Speed - Bakersfield Station

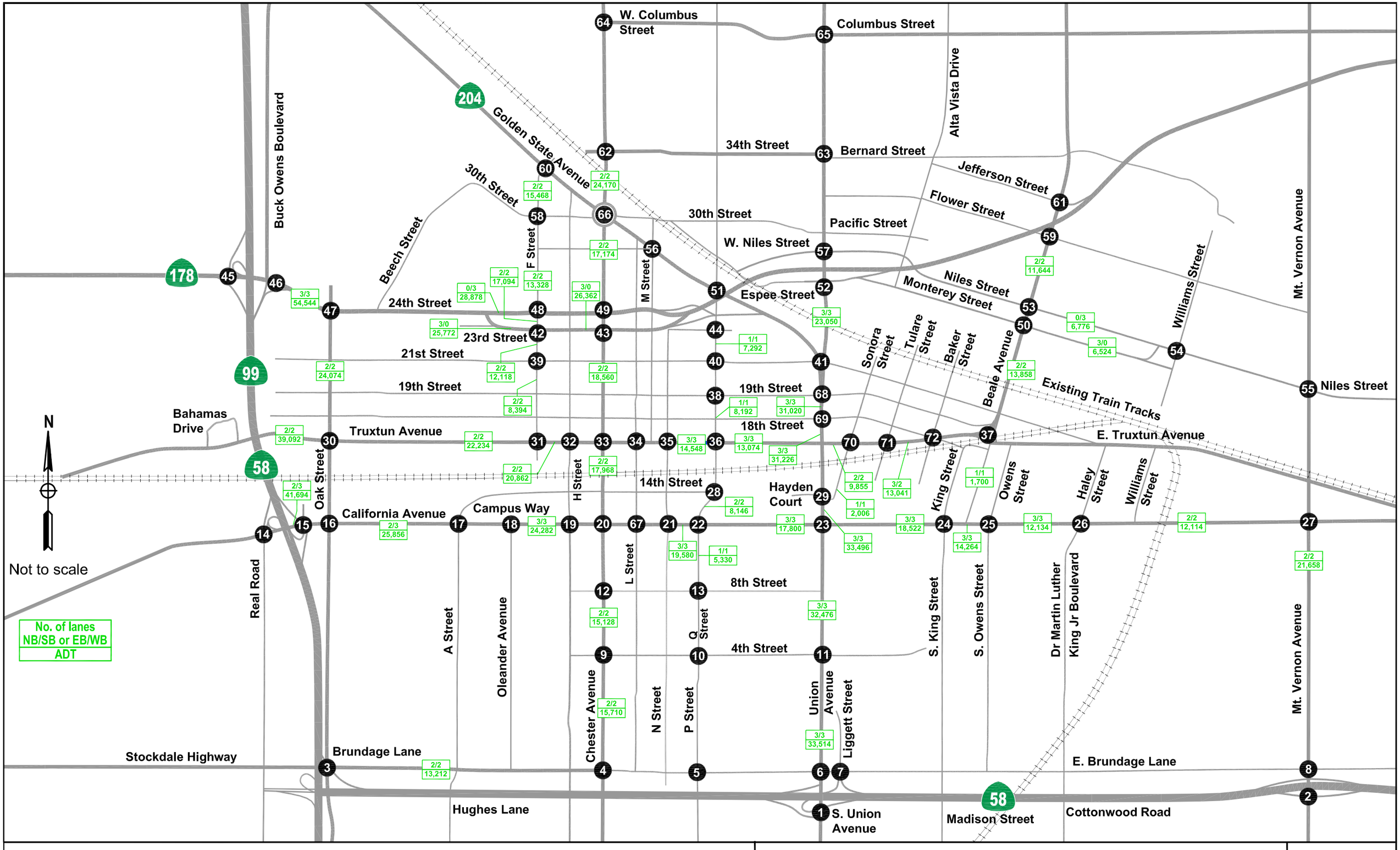
Figure 5.2-7a



California High-Speed Train Program EIR/EIS

Existing plus Project North Alternative Average Daily Traffic, Number of Lanes & Speed - Bakersfield Station

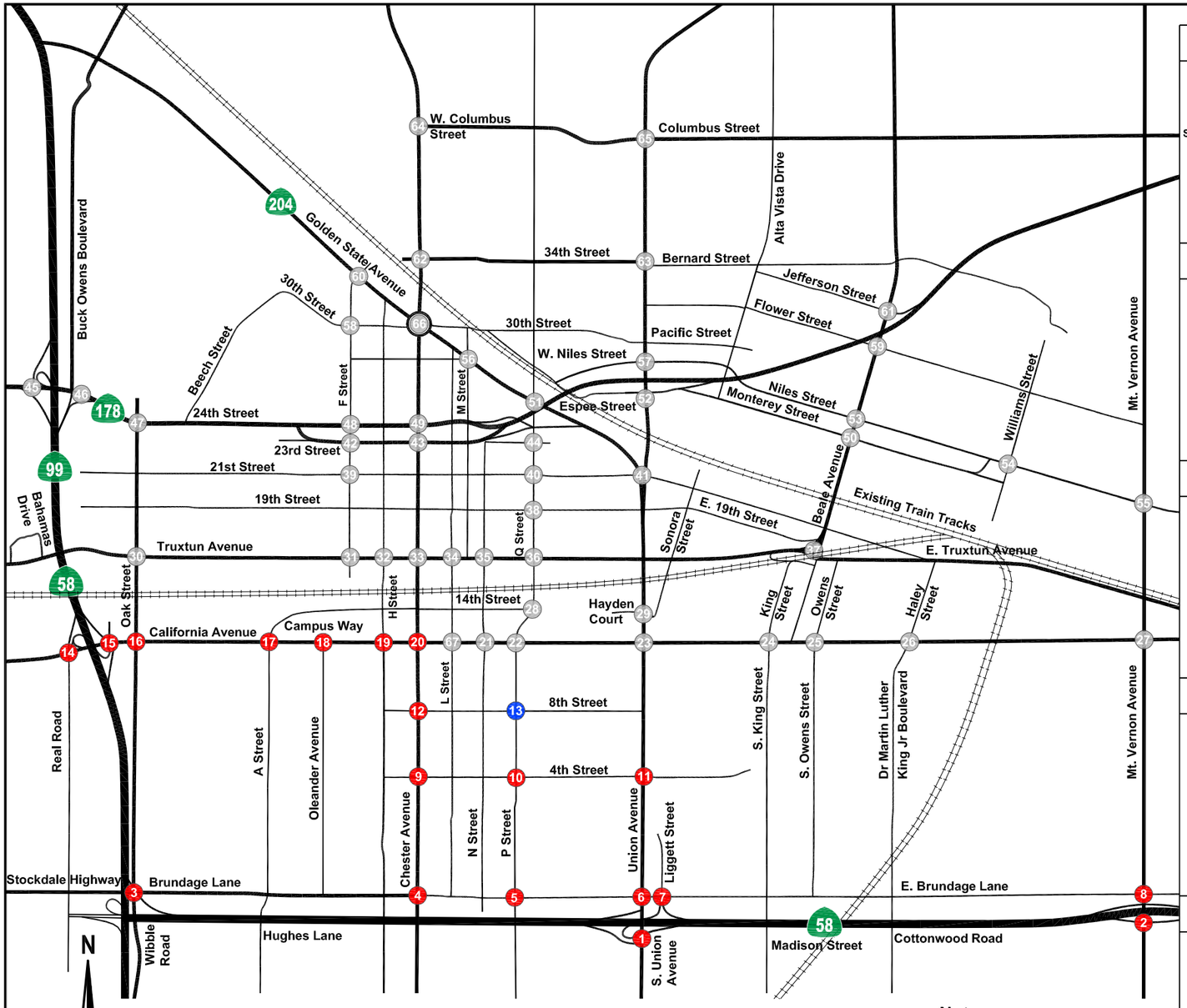
Figure 5.2-7b



California High-Speed Train Program EIR/EIS

Existing plus Project - Average Daily Traffic and Number of Lanes - Bakersfield Station Hybrid Alternative

Figure 5.2-7c



X = Signalized Intersection

X = Unsignalized Intersection

Not to scale XX(XX) = AM(PM) Peak Hour Volumes

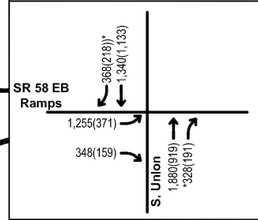
Note:

*XX(XX) Volume going to SR 58 EB On-Ramp

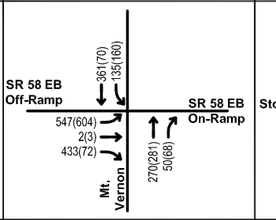
**XX(XX) Volume going to SR 99 SB On-Ramp

***XX(XX) Volume going to SR 99 NB On-Ramp

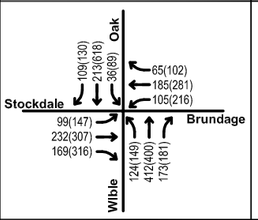
1. S. Union Avenue / SR 58 EB Ramps



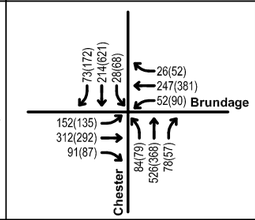
2. Mt. Vernon Avenue / SR 58 EB Ramps



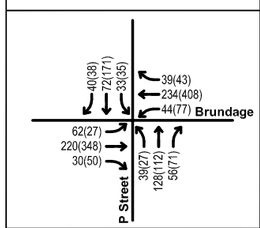
3. Wible Road / Oak Street / Brundage Lane/Stockdale HIghway



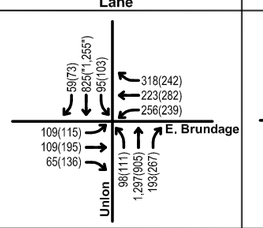
4. Chester Avenue / Brundage Lane



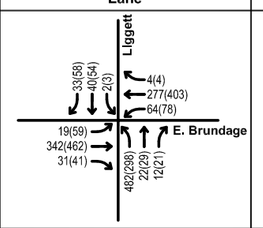
5. P Street / Brundage Lane



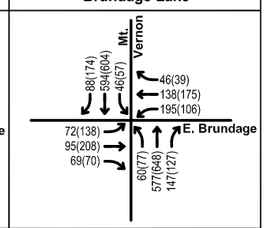
6. Union Avenue / E. Brundage Lane



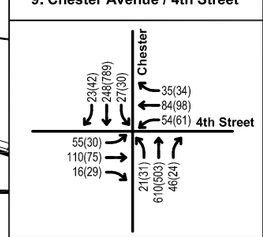
7. Liggett Street / E. Brundage Lane



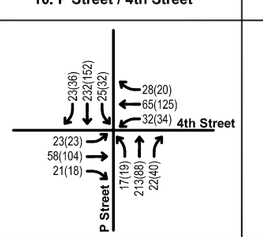
8. Mt. Vernon Avenue / E. Brundage Lane



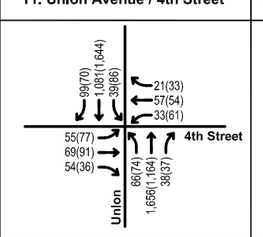
9. Chester Avenue / 4th Street



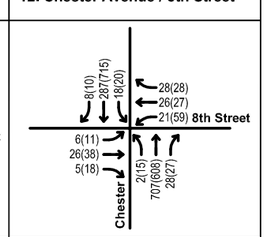
10. P Street / 4th Street



11. Union Avenue / 4th Street

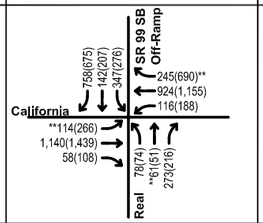


12. Chester Avenue / 8th Street

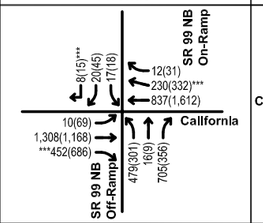


13. P Street / 8th Street

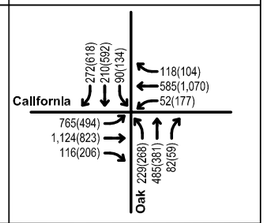
14. Real Road / Callfornia Avenue / SR 99 SB Ramps



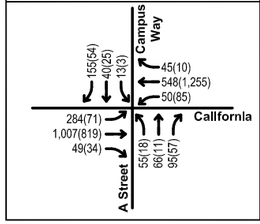
15. SR 99 NB Ramps / California Avenue



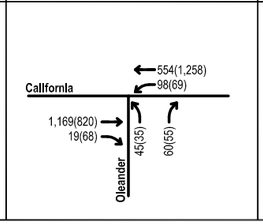
16. Oak Street / California Avenue



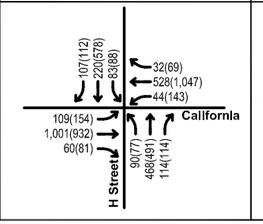
17. A Street / California Avenue / Campus Way



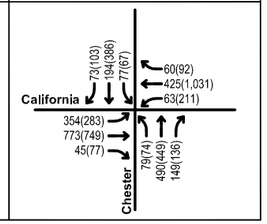
18. Oleander Avenue / California Avenue



19. H Street / California Avenue



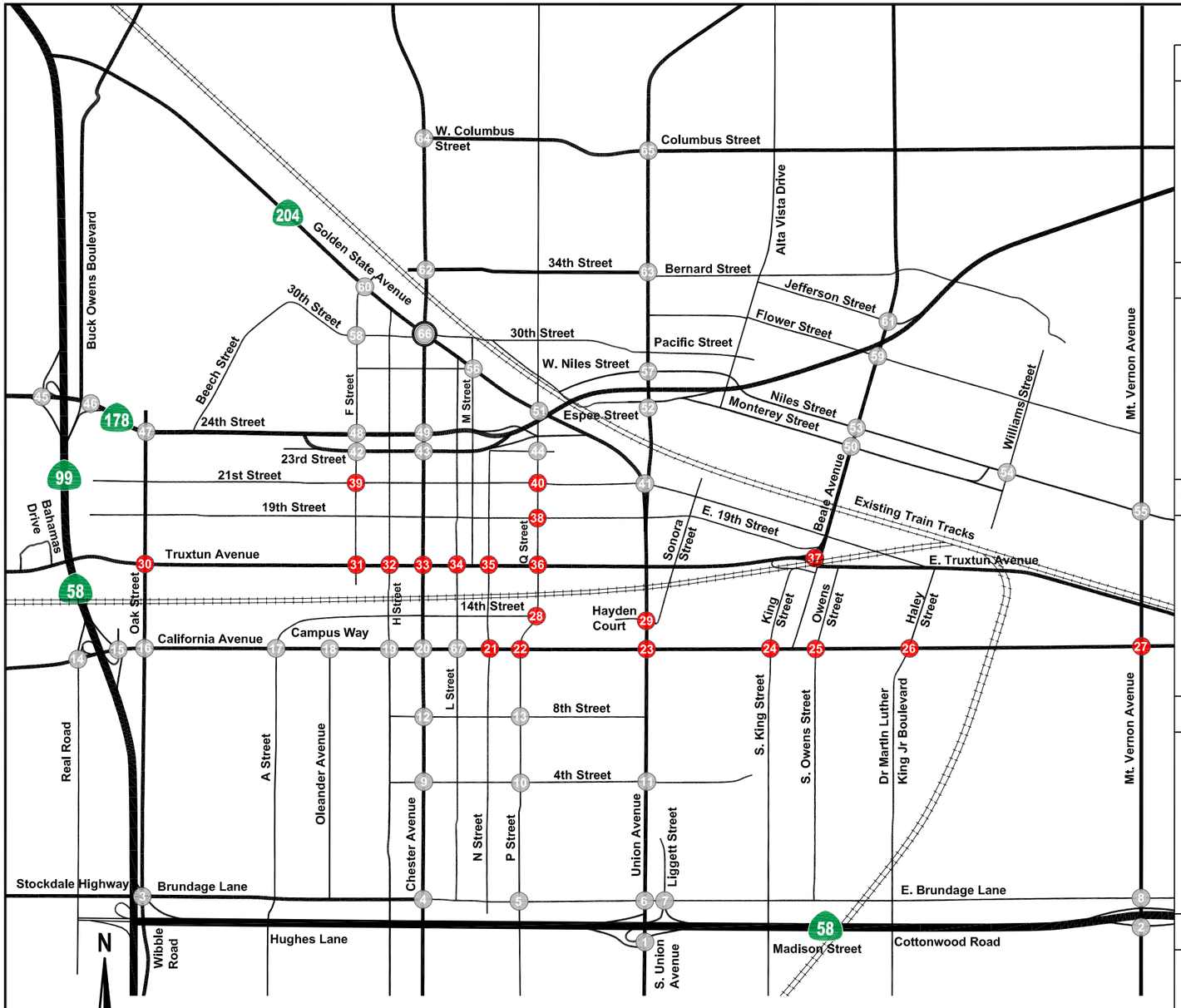
20. Chester Avenue / California Avenue



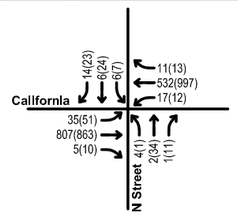
California High-Speed Train Program EIR/EIS

Existing plus Project - Peak Hour Turning Movement Volumes - Bakersfield Station South Alternative

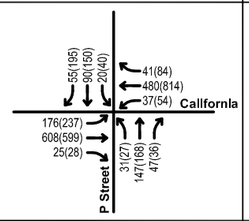
Figure 5.2-8a



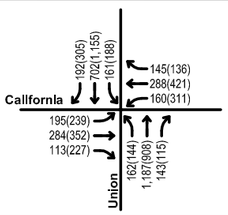
21. N Street / California Avenue



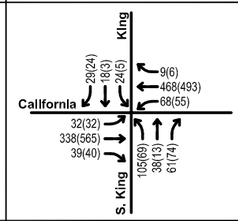
22. P Street / California Avenue



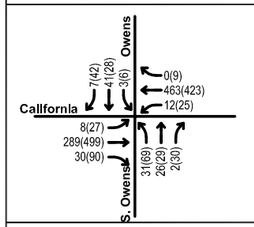
23. Union Avenue / California Avenue



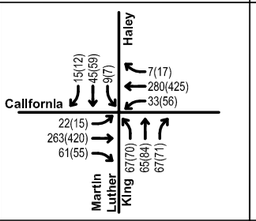
24. King Street / California Avenue



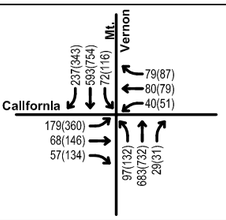
25. Owens Street / California Avenue



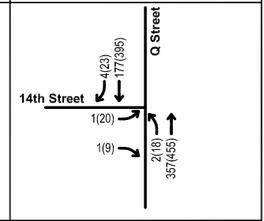
26. Dr Martin Luther King Jr Blvd / Haley Street / California Avenue



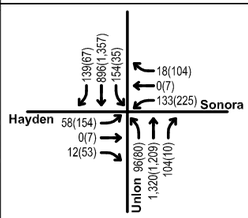
27. Mt. Vernon Avenue / California Avenue



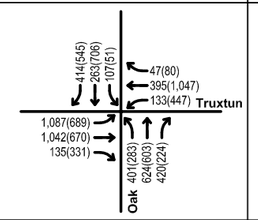
28. Q Street / 14th Street



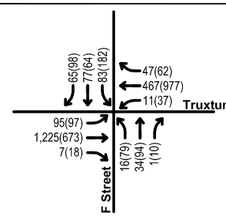
29. Union Avenue / Hayden Court / Sonora Street



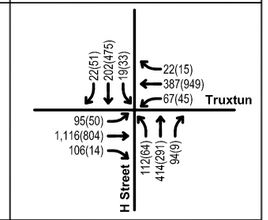
30. Oak Street / Truxtun Avenue



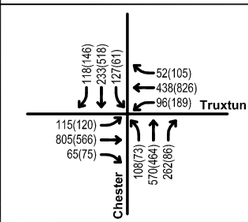
31. F Street / Truxtun Avenue



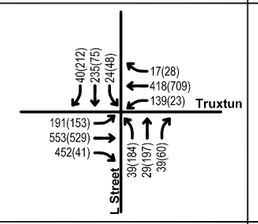
32. H Street / Truxtun Avenue



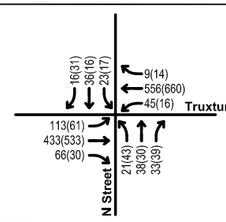
33. Chester Avenue / Truxtun Avenue



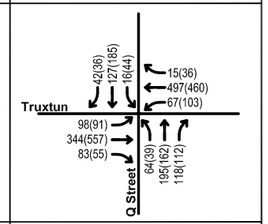
34. L Street / Truxtun Avenue



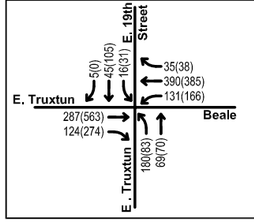
35. N Street / Truxtun Avenue



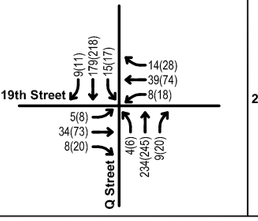
36. Q Street / Truxtun Avenue



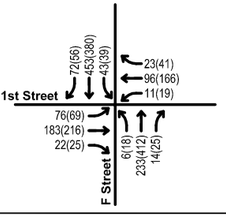
37. E. Truxtun Avenue / Beale Avenue / E. 19th Street



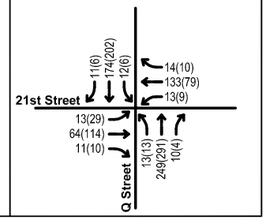
38. Q Street / 19th Street



39. F Street / 21st Street



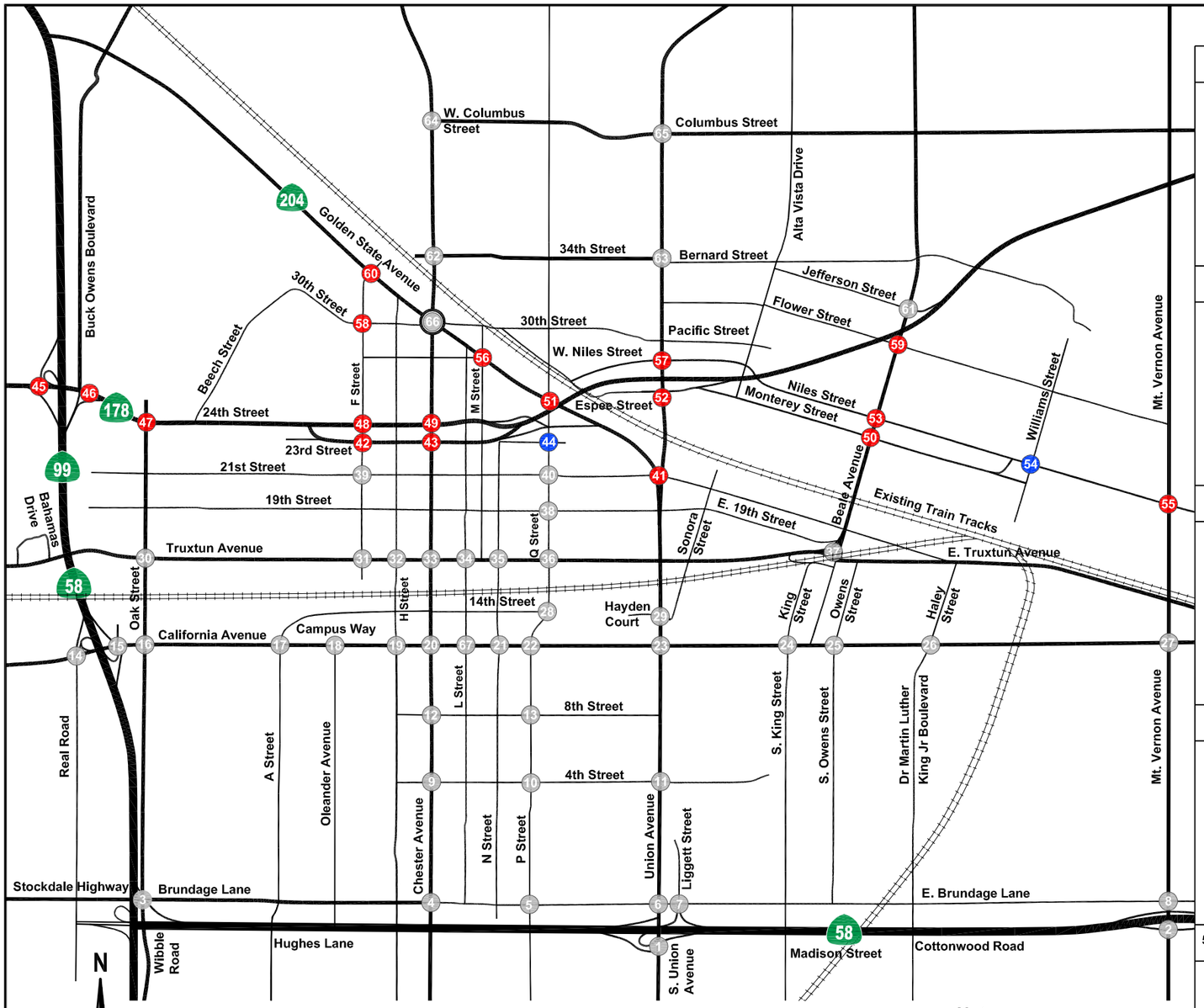
40. Q Street / 21st Street



California High-Speed Train Program EIR/EIS

Existing plus Project - Peak Hour Turning Movement Volumes - Bakersfield Station South Alternative

Figure 5.2-8b

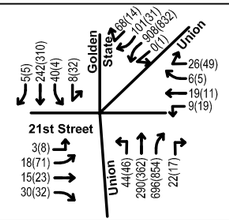


Note:
*XX(XX) Volume going to Beale Ave
**XX(XX) Volume going to Frontage Rd
***XX(XX) Volume going to SR 99 SB On-Ramp

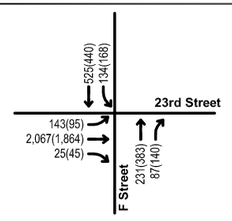
X = Signalized Intersection
X = Unsignalized Intersection

Not to scale XX(XX) = AM(PM) Peak Hour Volumes

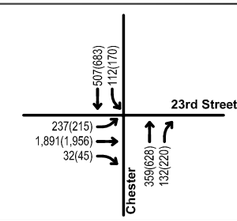
41. Union Avenue / Golden State Avenue / 21st Street



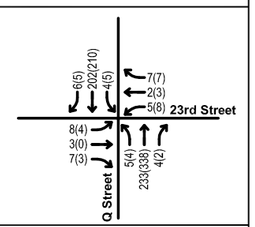
42. F Street / 23rd Street



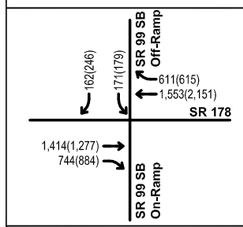
43. Chester Avenue / 23rd Street



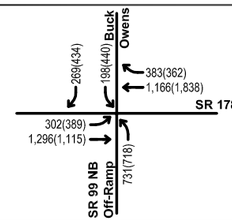
44. Q Street / 23rd Street



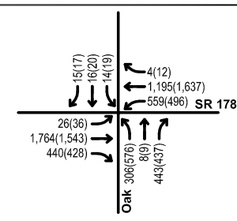
45. SR 178 / SR 99 SB Ramps



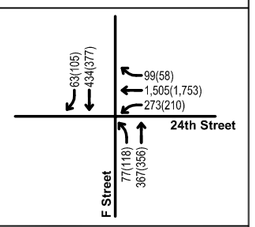
46. SR 178 / SR 99 NB Off-Ramp / Buck Owens Blvd



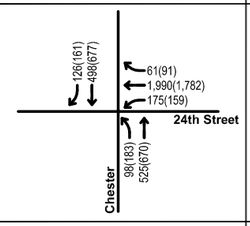
47. Oak Street / SR 178



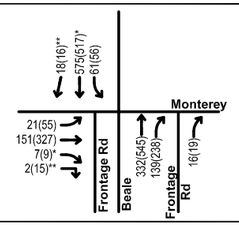
48. F Street / 24th Street



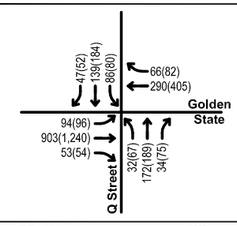
49. Chester Avenue / 24th Street



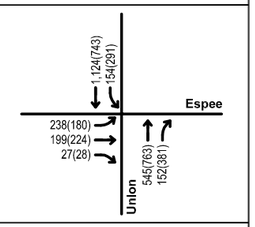
50. Beale Avenue / Monterey Street



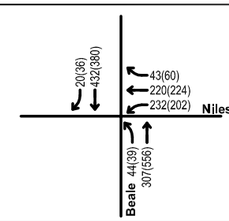
51. Q Street / Golden State Avenue



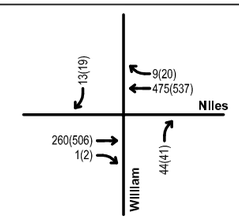
52. Union Avenue / Espee Street



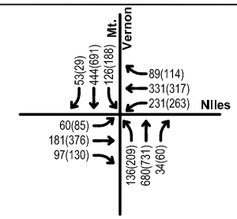
53. Beale Avenue / Niles Street



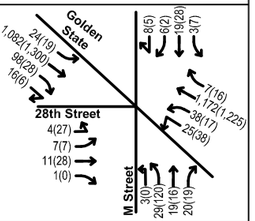
54. Williams Street / Niles Street



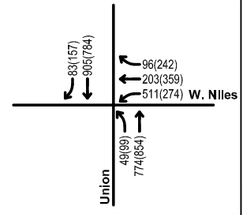
55. Mt. Vernon Avenue / Niles Street



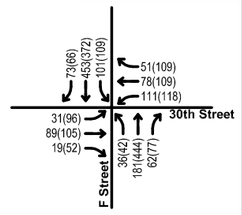
56. M Street / 28th Street / Golden State Avenue



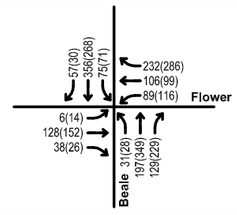
57. Union Avenue / W. Niles Street



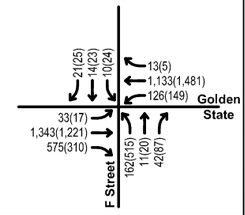
58. F Street / 30th Street



59. Beale Avenue / Flower Street



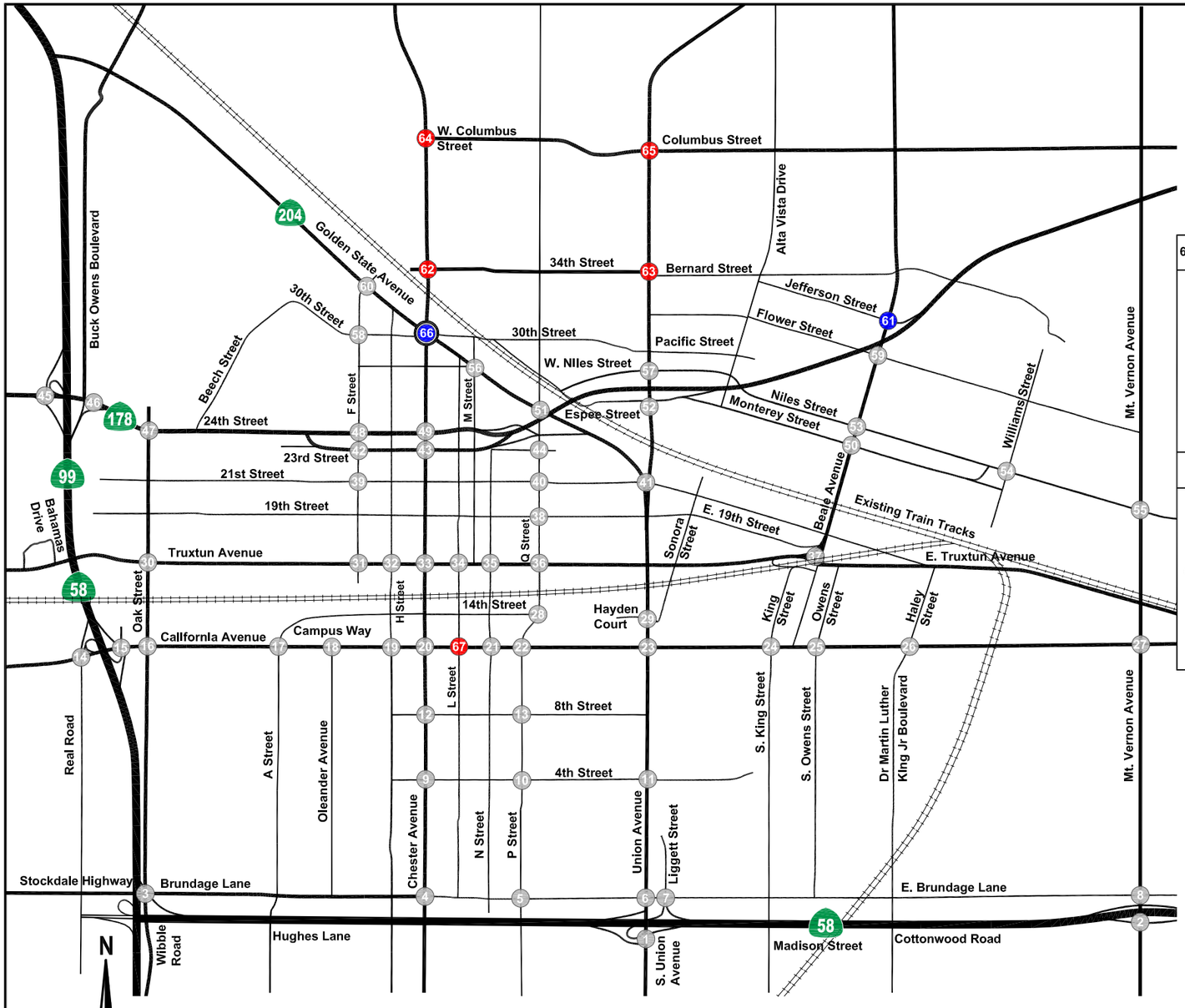
60. F Street / Golden State Avenue

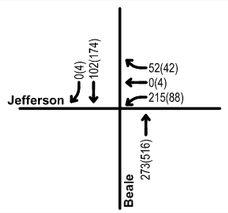
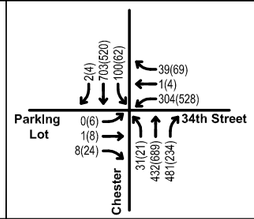
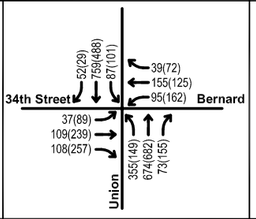
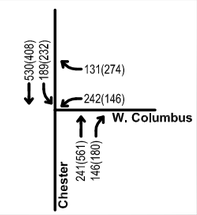
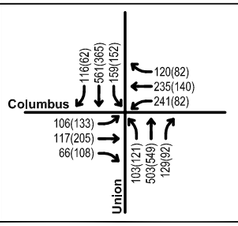
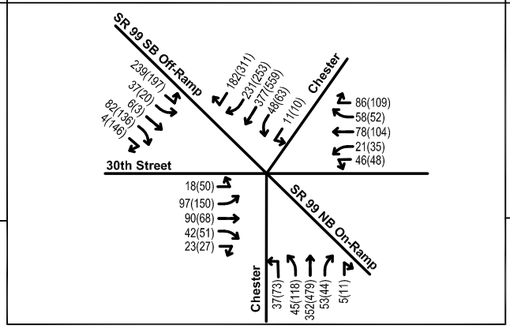
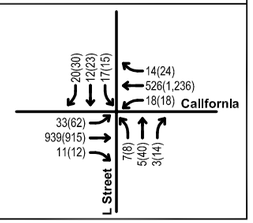


California High-Speed Train Program EIR/EIS

Existing plus Project - Peak Hour Turning Movement Volumes - Bakersfield Station South Alternative

Figure 5.2-8c



61. Beale Avenue / Jefferson Street	62. Chester Avenue / 34th Street	63. Union Avenue / 34th Street / Bernard Street	64. Chester Avenue / W. Columbus Street
			
65. Union Avenue / Columbus Street	**66. Chester Avenue / 30th Street / SR 99 NB Ramps**		**67. L Street / California Avenue**
			

N

Not to scale

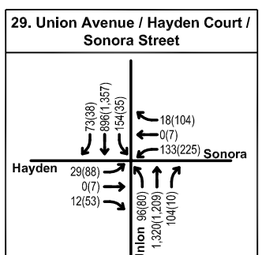
X = Signalized Intersection

X = Unsignalized Intersection

XX(XX) = AM(PM) Peak Hour Volumes

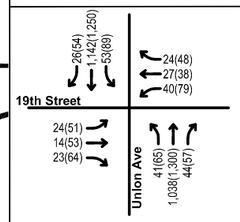
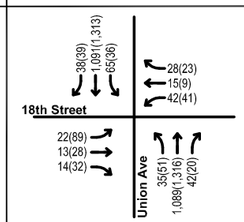
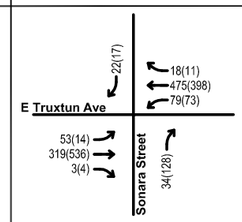
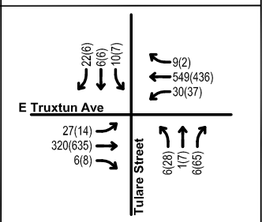
California High-Speed Train Program EIR/EIS	Existing plus Project - Peak Hour Turning Movement Volumes - Bakersfield Station South Alternative	Figure 5.2-8d

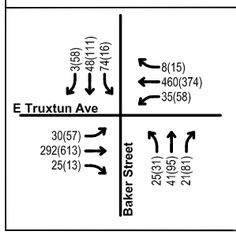
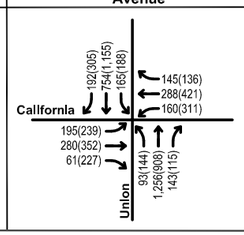
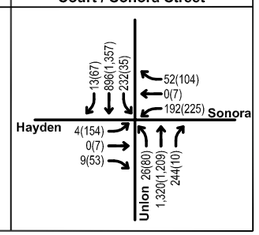
29. Union Avenue / Hayden Court / Sonora Street



Note:
All volumes are same as Existing plus South Alternative beside the one listed above.

California High-Speed Train Program EIR/EIS	**Existing plus Project - Peak Hour Turning Movement Volumes - Bakersfield Station North Alternative**	**Figure 5.2-8e**

68.Union Ave / 19th Street	69. Union Avenue / 18th Street	70. Sonara Street / E Truxtun Ave	71. Tulare Street / E Truxtun Ave
			

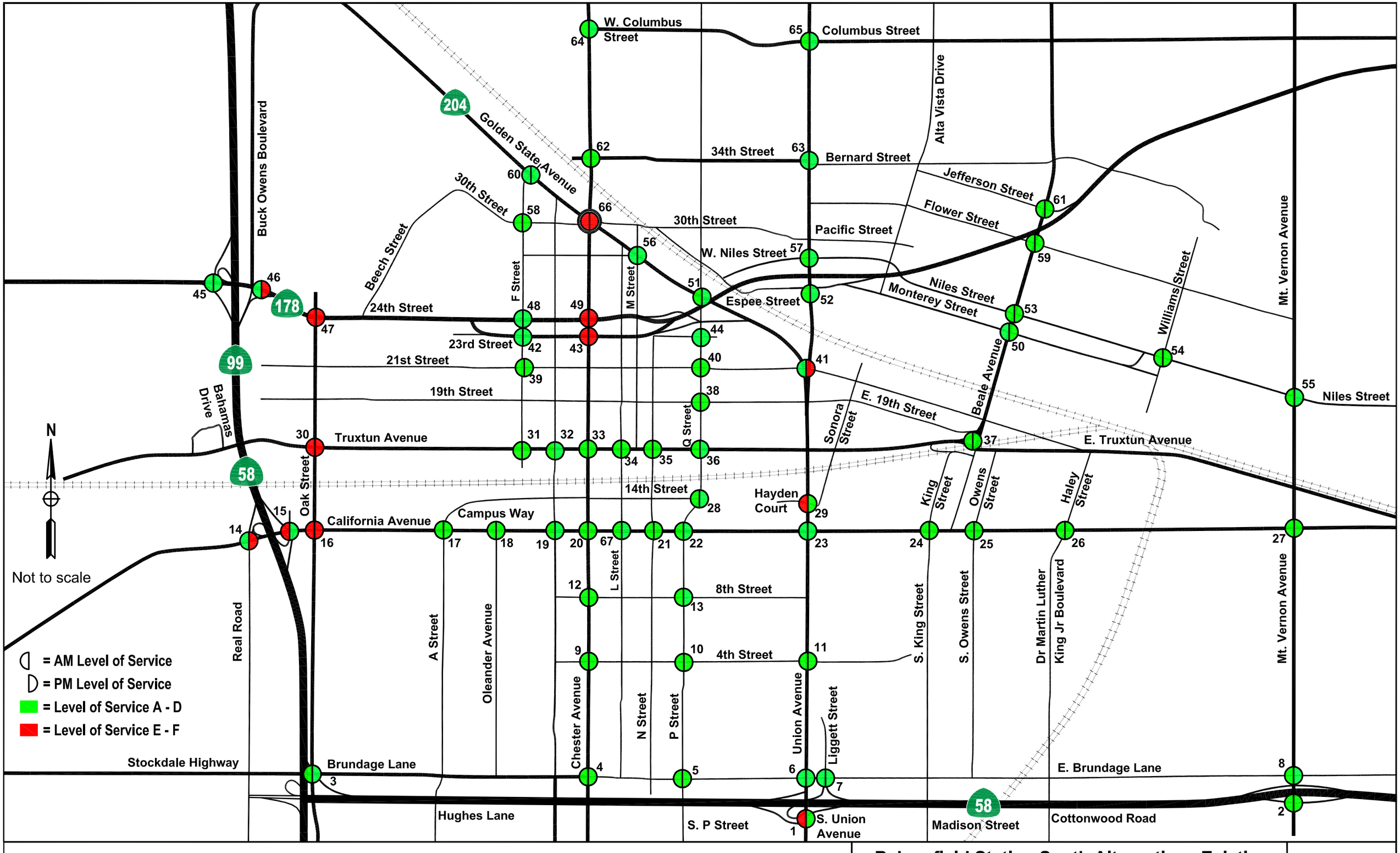
72.Baker Street / E Truxtun Ave	23. Union Avenue / Callfornla Avenue	29. Union Avenue / Hayden Court / Sonora Street
		

X = Signalized Intersection

X = Unsignalized Intersection

XX(XX) = AM(PM) Peak Hour Volumes

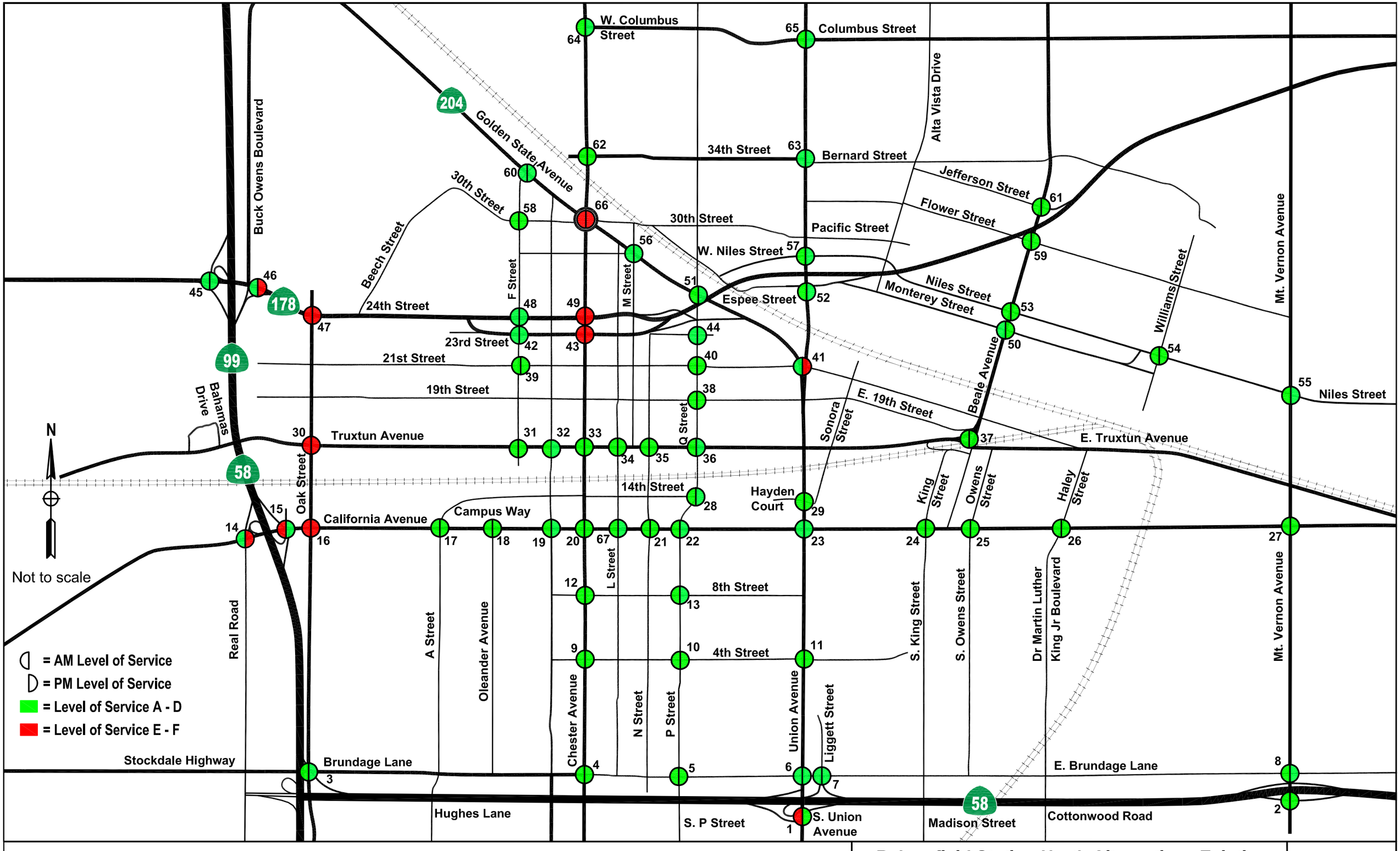
URS	California High-Speed Train Program EIR/EIS	Existing plus Project - Peak Hour Turning Movement Volumes - Bakersfield Station South Alternative Figure 5.2-8f



California High-Speed Train Program EIR/EIS

Bakersfield Station South Alternative - Existing plus Project Intersection Level of Service

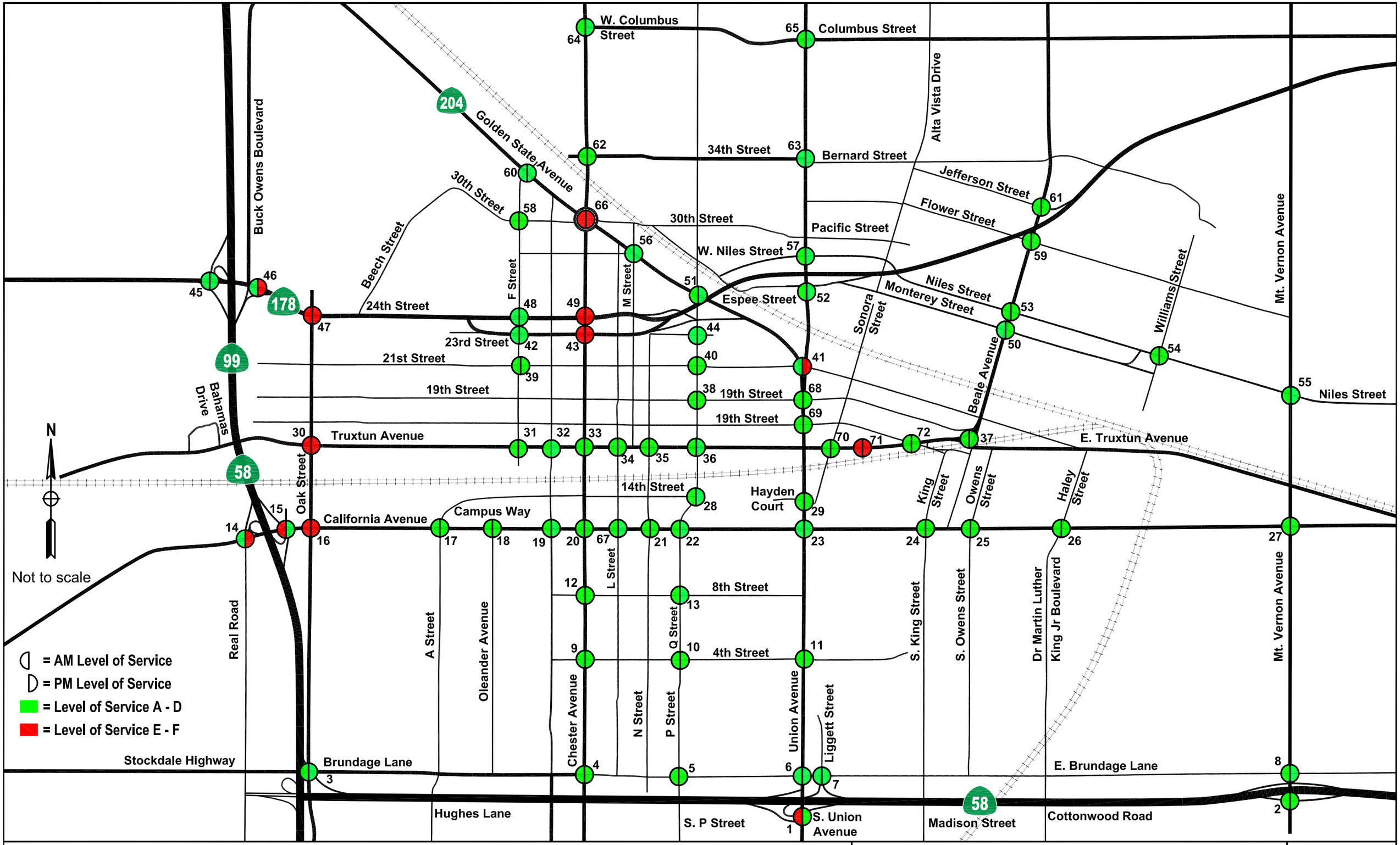
Figure 5.2-9a



California High-Speed Train Program EIR/EIS

Bakersfield Station North Alternative - Existing plus Project Intersection Level of Service

Figure 5.2-9b



California High-Speed Train Program EIR/EIS	**Bakersfield Station Hybrid Alternative - Existing plus Project Intersection Level of Service**	**Figure 5.2-9c**