LAW OFFICES OF STUART M. FLASHMAN
STUART M. FLASHMAN (SBN 148396)
5626 Ocean View Drive
Oakland, CA 94618-1533
TEL/FAX (510) 652-5373
e-mail: stu@stuflash.com

Attorney for Petitioners and Plaintiffs Town of Atherton *et al.*
(Exempt from filing fees – Gov. Code §6103)

IN THE SUPERIOR COURT OF THE STATE OF CALIFORNIA

IN AND FOR THE COUNTY OF SACRAMENTO

TOWN OF ATHERTON *et al.*, Petitioners and Plaintiffs v. CALIFORNIA HIGH SPEED RAIL AUTHORITY, a public entity, and DOES 1-20, Respondents and Defendants	No. 34-2008-80000022 filed 8/8/08 (also to be filed in 34-2010-80000679) Judge Assigned for All Purposes: HONORABLE MICHAEL P. KENNY Department: 31 DECLARATION OF ELIZABETH GOLDSTEIN ALEXIS IN SUPPORT OF PETITIONERS' OBJECTIONS TO RESPONDENT'S SUPPLEMENTAL RETURN ON WRIT OF MANDATE Date: August 12, 2011 Time: 9:00 AM Dept. 31 Judge: Hon. Michael P. Kenny

I, Elizabeth Goldstein Alexis, declare as follows:

1. I am a resident and citizen of the City of Palo Alto in Santa Clara County. I am a certified financial planner and a founding member of Californians Advocating Responsible Rail Design ("CARRD"), a group of professionals living on the San Francisco Peninsula with an interest in promoting open and rational discussion of rail service options for California. I have personal knowledge of the facts set forth in this declaration and am competent to testify as to them if called as a witness.

2. On April 27, 2010, I sent, via e-mail addressed to comments@hsr.ca.gov, a letter on behalf of CARRD commenting on the Revised Draft Programmatic Environmental Impact Report Material for the Bay Area to Central Valley High-Speed Train Project ("RDPEIR"). That

e-mail and letter were eventually included in Volume III of the Revised Final Programmatic Environmental Impact Report ("RFPEIR") beginning at page 15-42, which became page 747 of Volume 2 of the Supplemental Administrative Record for the above-entitled case.

3. On the above-same date, I also sent a second e-mail to the above-same e-mail address. Attached to the second e-mail was a multi-page Excel spreadsheet file containing the headways used in modeling the Altamont and Pacheco alternative riderships. A true and correct print-out copy of that full spreadsheet, as sent with that e-mail, is attached hereto as Exhibit "A".

4. As I had explained in the letter attached to the prior e-mail, this data had been obtained from the Metropolitan Transportation Commission ("MTC"). The second e-mail was included in Volume III of the above-same RFPEIR at page 15-46 and is included in the above-referenced Supplemental Administrative Record in Volume 2 beginning at page 751. However, the headway file's publication was truncated. Only the first page of the spreadsheet's data, which did not contain any of the crucial headway data included in the spreadsheet and referenced in the letter, was included in the RFPEIR.

5. At about the same time as I submitted the RDPEIR comment letter to the Authority on behalf of CARRD, on April 18, 2010 I also sent an e-mail to Mr. Jeff Barker, an Assistant General Manager at the High-Speed Rail Authority, with a set of spreadsheet files attached containing headway information for individual project alternatives. The information was the same as in the file I had submitted with my comment letter. I received a return e-mail from Mr. Barker acknowledging receipt of the e-mail and files. Later, on July 7, 2010, concerned about the lack of response to my earlier e-mails from either the High-Speed Rail Authority or Cambridge Systematics, I sent a follow-up e-mail to Mr. George Mazur at Cambridge Systematics, with a copy to Mr. Barker, that expressed concern about public misstatements about project headways being small when the spreadsheet data indicated that non-peak-hour headways were, in many cases, very large. I again attached a copy of the full spreadsheet of headway data to this e-mail. I received no response from either Cambridge Systematics or the High-Speed Rail Authority.

6. While I reviewed the RFPEIR after its issuance, my primary focus was to read the responses the California High-Speed Rail Authority had made to my and other comments on the

ridership/revenue modeling. I did check to make sure both of my e-mails had been included, but did not look in detail at the print-out of the attachment to my second e-mail, especially because the formatting used in the print-out made it very hard to read. Consequently, I did not realize at the time that the print-out had been truncated.

7. On April 18, 2011, I received an e-mail fro Mr. Stuart Flashman, the attorney who has been representing the plaintiffs in this litigation against the High-Speed Rail Authority. I was familiar, with Mr. Flashman from the dispute over the ridership/revenue modeling, and had previously submitted a sworn declaration to him about my involvement in discovering the errors in the high-speed rail ridership/revenue modeling. In response to that e-mail, I set up a time, on Friday, April 22, 2011, for the two of us to talk by telephone about the ridership/revenue modeling, and specifically about the University of California Institute of Transportation Studies ("ITS") analysis of the modeling and the High-Speed Rail Authority's responses to that analysis.

8. On Friday, April 22, 2011, I spoke by telephone with Mr. Flashman for about forty-five minutes, explaining to him what I felt, as a modeling professional, were the major problems with the modeling and the deficiencies in the High-Speed Rail Authorities responses to both the ITS analysis and other comments on the modeling.

9. When I discussed my comments of the RDPEIR, submitted on behalf of CARRD, Mr. Flashman expressed puzzlement about my reference to the headway information used for the model. I explained to Mr. Flashman that I had obtained a copy of the headway information, in electronic form, from MTC, and had submitted it to the High-Speed Rail Authority. Later, in response to an additional e-mail from Mr. Flashman expressing continued puzzlement and confusion, I reply by indicating that I had included a copy of the spreadsheet file with my comments on the RDPEIR, and forwarded to him a copy of that e-mail. At that point, I decided to look at the e-mail as published in the RFPEIR and was astonished to find that only the first page of the spreadsheet had been included. I immediately notified Mr. Flashman of this fact.

I have personal knowledge of the above facts, and I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct. Executed on April 25, 2011 at Sacramento, California.

Elizabeth Goldstein Alexis

Exhibit A

headway	SF TBT 1	Millbrae 2	RWC 3	SJ 4	Gilroy 5	6	7	8	Sacrament 9	Stockton 10	Tracy 11	Modesto 12	Merced 13	Fresno 14	Bakersfield 15	Palmdale 16	Sylmar 17	Burbank 18	LA Union S 19	Norwalk 20	Anaheim 21	Irvine 22	East Gabri 23	Ontario 24	Riverside 25	Temecula 26	Escondidd 27	U City 28	San Diego 29	Visalia 30	31	Los Banos 32	Livermore 33	Bernel 34	Shinn 35	36	Morgan Hl 37	City of Ind 38	Warm Spri 39	Modesto 40	41	Palo Alto 42	Tracy ACE 43	Livermore 44	45	46	47	48
SF TBT 1	0	11.12	11.12	6.29	11.12	0	0	0	0	23.69	46.92	0	0	46.92	17.4	17.37	16.67	16.67	16.67	9.23	297.31	37.85	37.85	0	15.75	15.75	15.75	15.75	15.75	12.22	0	0	0	0	0	0	11.12	15.75	0	46.92	0	0	0	0	0	0	0	0
Millbrae 2	11.12	0	11.12	11.12	11.12	0	0	0	0	46.92	46.92	0	0	46.92	29.32	28.73	16.67	16.67	16.67	16.67	297.31	230.93	230.93	0	18.91	18.91	18.91	18.91	18.91	18.91	0	0	0	0	0	0	11.12	18.91	0	46.92	0	0	0	0	0	0	0	0
RWC 3	11.12	11.12	0	11.12	11.12	0	0	0	0	46.92	46.92	0	0	46.92	29.32	28.73	16.67	16.67	16.67	16.67	297.31	230.93	230.93	0	18.91	18.91	18.91	18.91	18.91	18.91	0	0	0	0	0	0	11.12	18.91	0	46.92	0	0	0	0	0	0	0	0
SJ 4	6.29	11.12	11.12	0	11.12	0	0	0	0	23.69	46.92	0	0	46.92	17.4	17.37	16.67	16.67	16.67	9.23	297.31	37.85	37.85	0	15.75	15.75	15.75	15.75	15.75	12.22	0	0	0	0	0	0	11.12	15.75	0	46.92	0	0	0	0	0	0	0	0
Gilroy 5	11.12	11.12	11.12	11.12	0	0	0	0	0	46.92	46.92	0	0	46.92	29.32	28.73	16.67	16.67	16.67	16.67	297.31	230.93	230.93	0	18.91	18.91	18.91	18.91	18.91	18.91	0	0	0	0	0	0	11.12	18.91	0	46.92	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sacrament 10	23.69	46.92	46.92	23.69	46.92	0	0	0	0	0	15.32	0	0	33.52	32.09	29.99	39.1	39.1	39.1	17.34	297.31	62.18	62.18	0	34.21	34.21	34.21	34.21	34.21	24.22	0	0	0	0	0	0	46.92	34.21	0	20.73	0	0	0	0	0	0	0	0
Stockton 11	46.92	46.92	46.92	46.92	46.92	0	0	0	0	15.32	0	0	0	33.52	32.09	29.99	39.1	39.1	39.1	22.74	297.31	129.68	129.68	0	39.1	39.1	39.1	39.1	39.1	27.69	0	0	0	0	0	0	46.92	39.1	0	20.73	0	0	0	0	0	0	0	0
Tracy 12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Modesto 13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Merced 14	46.92	46.92	46.92	46.92	46.92	0	0	0	0	33.52	33.52	0	0	0	117.32	117.32	117.32	117.32	117.32	117.32	297.31	117.32	117.32	0	117.32	117.32	117.32	117.32	117.32	117.32	0	0	0	0	0	0	46.92	117.32	0	33.52	0	0	0	0	0	0	0	0
Fresno 15	17.4	29.32	29.32	17.4	29.32	0	0	0	0	32.09	32.09	0	0	117.32	0	12.42	26.06	26.06	26.06	12.42	297.31	64.09	64.09	0	24.42	24.42	24.42	24.42	24.42	16.05	0	0	0	0	0	0	29.32	24.42	0	37.19	0	0	0	0	0	0	0	0
Bakersfield 16	17.37	28.73	28.73	17.37	28.73	0	0	0	0	29.99	29.99	0	0	117.32	12.42	0	18.17	18.17	18.17	10.32	297.31	55.36	55.36	0	17.63	17.63	17.63	17.63	17.63	12.8	0	0	0	0	0	0	28.73	17.63	0	37.19	0	0	0	0	0	0	0	0
Palmdale 17	16.67	16.67	16.67	16.67	16.67	0	0	0	0	39.1	39.1	0	0	117.32	26.06	18.17	0	10.96	10.96	10.96	238.66	215.51	215.51	0	12.22	12.22	12.22	12.22	12.22	12.22	0	0	0	0	0	0	16.67	12.22	0	117.32	0	0	0	0	0	0	0	0
Sylmar 18	16.67	16.67	16.67	16.67	16.67	0	0	0	0	39.1	39.1	0	0	117.32	26.06	18.17	10.96	0	10.96	10.96	238.66	215.51	215.51	0	12.22	12.22	12.22	12.22	12.22	12.22	0	0	0	0	0	0	16.67	12.22	0	117.32	0	0	0	0	0	0	0	0
Burbank 19	16.67	16.67	16.67	16.67	16.67	0	0	0	0	39.1	39.1	0	0	117.32	26.06	18.17	10.96	10.96	0	10.96	238.66	215.51	215.51	0	12.22	12.22	12.22	12.22	12.22	12.22	0	0	0	0	0	0	16.67	12.22	0	117.32	0	0	0	0	0	0	0	0
LA Union S 20	9.23	16.67	16.67	9.23	16.67	0	0	0	0	17.34	22.74	0	0	117.32	12.42	10.32	10.96	10.96	10.96	0	238.66	23.53	23.53	0	10.09	10.09	10.09	10.09	10.09	7.69	0	0	0	0	0	0	16.67	10.09	0	37.19	0	0	0	0	0	0	0	0
Norwalk 21	297.31	297.31	297.31	297.31	297.31	0	0	0	0	297.31	297.31	0	0	297.31	297.31	297.31	238.66	238.66	238.66	238.66	0	238.66	238.66	0	238.66	238.66	238.66	238.66	238.66	238.66	0	0	0	0	0	0	297.31	238.66	0	238.66	0	0	0	0	0	0	0	0
Anaheim 22	37.85	230.93	230.93	37.85	230.93	0	0	0	0	62.18	129.68	0	0	117.32	64.09	55.36	215.51	215.51	215.51	23.53	238.66	0	23.53	0	23.53	23.53	23.53	23.53	23.53	23.53	0	0	0	0	0	0	230.93	23.53	0	238.66	0	0	0	0	0	0	0	0
Irvine 23	37.85	230.93	230.93	37.85	230.93	0	0	0	0	62.18	129.68	0	0	117.32	64.09	55.36	215.51	215.51	215.51	23.53	238.66	23.53	0	0	23.53	23.53	23.53	23.53	23.53	23.53	0	0	0	0	0	0	230.93	23.53	0	238.66	0	0	0	0	0	0	0	0
East Gabri 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ontario 25	15.75	18.91	18.91	15.75	18.91	0	0	0	0	34.21	39.1	0	0	117.32	24.42	17.63	12.22	12.22	12.22	10.09	238.66	23.53	23.53	0	0	10.09	10.09	10.09	10.09	10.09	0	0	0	0	0	0	18.91	10.09	0	97.76	0	0	0	0	0	0	0	0
Riverside 26	15.75	18.91	18.91	15.75	18.91	0	0	0	0	34.21	39.1	0	0	117.32	24.42	17.63	12.22	12.22	12.22	10.09	238.66	23.53	23.53	0	10.09	0	10.09	10.09	10.09	10.09	0	0	0	0	0	0	18.91	10.09	0	97.76	0	0	0	0	0	0	0	0
Temecula 27	15.75	18.91	18.91	15.75	18.91	0	0	0	0	34.21	39.1	0	0	117.32	24.42	17.63	12.22	12.22	12.22	10.09	238.66	23.53	23.53	0	10.09	10.09	0	10.09	10.09	10.09	0	0	0	0	0	0	18.91	10.09	0	97.76	0	0	0	0	0	0	0	0
Escondiddc 28	15.75	18.91	18.91	15.75	18.91	0	0	0	0	34.21	39.1	0	0	117.32	24.42	17.63	12.22	12.22	12.22	10.09	238.66	23.53	23.53	0	10.09	10.09	10.09	0	10.09	10.09	0	0	0	0	0	0	18.91	10.09	0	97.76	0	0	0	0	0	0	0	0
U City 29	15.75	18.91	18.91	15.75	18.91	0	0	0	0	34.21	39.1	0	0	117.32	24.42	17.63	12.22	12.22	12.22	10.09	238.66	23.53	23.53	0	10.09	10.09	10.09	10.09	0	10.09	0	0	0	0	0	0	18.91	10.09	0	97.76	0	0	0	0	0	0	0	0
San Diego 30	12.22	18.91	18.91	12.22	18.91	0	0	0	0	24.22	27.69	0	0	117.32	16.05	12.8	12.22	12.22	12.22	7.69	238.66	23.53	23.53	0	10.09	10.09	10.09	10.09	10.09	0	0	0	0	0	0	18.91	10.09	0	48.88	0	0	0	0	0	0	0	0
Visalia 31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Los Banos 33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Livermore 34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bernel 35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shinn 36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Morgan Hll 37	11.12	11.12	11.12	11.12	11.12	0	0	0	0	46.92	46.92	0	0	46.92	29.32	28.73	16.67	16.67	16.67	16.67	297.31	230.93	230.93	0	18.91	18.91	18.91	18.91	18.91	18.91	0	0	0	0	0	0	0	18.91	0	46.92	0	0	0	0	0	0	0	0
City of Ind 38	15.75	18.91	18.91	15.75	18.91	0	0	0	0	34.21	39.1	0	0	117.32	24.42	17.63	12.22	12.22	12.22	10.09	238.66	23.53	23.53	0	10.09	10.09	10.09	10.09	10.09	10.09	0	0	0	0	0	0	18.91	0	0	97.76	0	0	0	0	0	0	0	0
Warm Spri 39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Modesto 40	46.92	46.92	46.92	46.92	46.92	0	0	0	0	20.73	20.73	0	0	33.52	37.19	37.19	117.32	117.32	117.32	37.19	238.66	238.66	238.66	0	97.76	97.76	97.76	97.76	97.76	48.88	0	0	0	0	0	0	46.92	97.76	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palo Alto 43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tracy ACE 44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Livermore 45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

time		SF TBT 1	Millbrae 2	RWC 3	SJ 4	Gilroy 5	6	7	8	Sacrament 9	Stockton 10	Tracy 11	12	Modesto 13	Merced 14	Fresno 15	Bakersfield 16	Palmdale 17	Sylmar 18	Burbank 19	LA Union S 20	Norwalk 21	Anaheim 22	Irvine 23	East Gabri 24	Ontario 25	Riverside 26	Temecula 27	Escondidd 28	U City 29	San Diego 30	Visalia 31	Los Banos 32	Livermore 33	Bernel 34	Shinn 35	36	Morgan Hl 37	City of Ind 38	Warm Spri 39	Modesto 40	41	Palo Alto 42	Tracy ACE 43	Livermore 44	45	46	47	48
SF TBT	1	0	13.4	21.83	32.81	52.47	0	0	0	0	121.65	114.77	0	0	85.55	87.08	122.77	153.46	172.26	179.22	177.13	197.31	189.68	199.9	0	209.81	221.36	236.06	251.5	266.25	269.15	0	0	0	0	0	0	45.75	200.21	0	100.77	0	0	0	0	0	0	0	0
Millbrae	2	13.4	0	8.43	21.45	39.07	0	0	0	0	121.67	101.37	0	0	72.15	78.02	112.99	140.06	158.86	165.82	173.56	183.9	191.5	201.71	0	200.2	211.75	226.45	241.89	256.64	266.84	0	0	0	0	0	0	32.35	190.6	0	87.37	0	0	0	0	0	0	0	0
RWC	3	21.83	8.43	0	13.02	30.63	0	0	0	0	113.23	92.93	0	0	63.72	69.58	104.56	131.62	150.42	157.39	165.12	175.48	183.06	193.28	0	191.77	203.32	218.02	233.45	248.2	258.4	0	0	0	0	0	0	23.92	182.17	0	78.93	0	0	0	0	0	0	0	0
SJ	4	32.81	21.45	13.02	0	17.62	0	0	0	0	89.12	79.92	0	0	50.7	54.13	89.79	118.6	137.4	144.37	144.37	162.46	158.37	168.59	0	175.7	187.25	201.95	217.38	232.13	235.94	0	0	0	0	0	0	10.9	166.1	0	65.92	0	0	0	0	0	0	0	0
Gilroy	5	52.47	39.07	30.63	17.62	0	0	0	0	0	82.6	62.3	0	0	33.08	38.95	73.93	100.99	119.79	126.76	134.49	144.85	152.43	162.65	0	161.14	172.69	187.39	202.82	217.57	227.77	0	0	0	0	0	0	6.72	151.54	0	48.3	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sacrament	10	121.65	121.67	113.23	89.12	82.6	0	0	0	0	0	20.3	0	0	49.52	65.9	101.69	125.89	144.69	151.65	151.39	171.31	160.84	171.05	0	182.89	194.44	209.14	224.58	239.33	244.04	0	0	0	0	0	0	89.32	173.29	0	34.3	0	0	0	0	0	0	0	0
Stockton	11	114.77	101.37	92.93	79.92	62.3	0	0	0	0	20.3	0	0	0	29.22	45.6	81.39	105.59	124.39	131.35	137.46	153.81	153.39	163.6	0	166.2	177.76	192.46	207.89	222.64	227.25	0	0	0	0	0	0	69.02	156.61	0	14	0	0	0	0	0	0	0	0
Tracy	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Modesto	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Merced	14	85.55	72.15	63.72	50.7	33.08	0	0	0	0	49.52	29.22	0	0	0	21.18	57.73	89.13	107.93	114.9	122.63	153.05	151.02	161.23	0	149.23	160.78	175.48	190.92	205.67	215.87	0	0	0	0	0	0	39.8	139.63	0	15.22	0	0	0	0	0	0	0	0
Fresno	15	87.08	78.02	69.58	54.13	38.95	0	0	0	0	65.9	45.6	0	0	21.18	0	36.55	67.95	86.75	93.72	95.67	118.84	112.39	122.6	0	126.82	138.37	153.07	168.5	183.25	185.03	0	0	0	0	0	0	45.67	117.22	0	32.57	0	0	0	0	0	0	0	0
Bakersfield	16	122.77	112.99	104.56	89.79	73.93	0	0	0	0	101.69	81.39	0	0	57.73	36.55	0	31.4	50.2	57.17	60.13	82.95	76.45	86.67	0	90.46	102.01	116.71	132.15	146.9	150.36	0	0	0	0	0	0	80.64	80.86	0	69.12	0	0	0	0	0	0	0	0
Palmdale	17	153.46	140.06	131.62	118.6	100.99	0	0	0	0	125.89	105.59	0	0	89.13	67.95	31.4	0	18.8	25.77	33.5	43.92	54.26	64.47	0	60.1	71.65	86.35	101.78	116.53	126.73	0	0	0	0	0	0	107.7	50.5	0	104.35	0	0	0	0	0	0	0	0
Sylmar	18	172.26	158.86	150.42	137.4	119.79	0	0	0	0	144.69	124.39	0	0	107.93	86.75	50.2	18.8	0	6.97	14.7	25.12	35.46	45.67	0	41.3	52.85	67.55	82.98	97.73	107.93	0	0	0	0	0	0	126.5	31.7	0	123.15	0	0	0	0	0	0	0	0
Burbank	19	179.22	165.82	157.39	144.37	126.76	0	0	0	0	151.65	131.35	0	0	114.9	93.72	57.17	25.77	6.97	0	7.73	18.15	28.49	38.71	0	34.33	45.88	60.58	76.02	90.77	100.97	0	0	0	0	0	0	133.47	24.73	0	130.12	0	0	0	0	0	0	0	0
LA Union S	20	177.13	173.56	165.12	144.37	134.49	0	0	0	0	151.39	137.46	0	0	122.63	95.67	60.13	33.5	14.7	7.73	0	10.42	19.1	29.32	0	26.6	38.15	52.85	68.28	83.03	89.73	0	0	0	0	0	0	141.2	17	0	126.47	0	0	0	0	0	0	0	0
Norwalk	21	197.31	183.9	175.48	162.46	144.85	0	0	0	0	171.31	153.81	0	0	153.05	118.84	82.95	43.92	25.12	18.15	10.42	0	10.85	21.07	0	49.56	61.11	75.81	91.24	105.99	112.01	0	0	0	0	0	0	151.56	39.96	0	153.56	0	0	0	0	0	0	0	0
Anaheim	22	189.68	191.5	183.06	158.37	152.43	0	0	0	0	160.84	153.39	0	0	151.02	112.39	76.45	54.26	35.46	28.49	19.1	10.85	0	10.22	0	52.66	64.21	78.91	94.35	109.1	115.12	0	0	0	0	0	0	159.15	43.06	0	140.77	0	0	0	0	0	0	0	0
Irvine	23	199.9	201.71	193.28	168.59	162.65	0	0	0	0	171.05	163.6	0	0	161.23	122.6	86.67	64.47	45.67	38.71	29.32	21.07	10.22	0	0	62.88	74.43	89.13	104.56	119.31	125.34	0	0	0	0	0	0	169.36	53.28	0	150.98	0	0	0	0	0	0	0	0
East Gabri	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ontario	25	209.81	200.2	191.77	175.7	161.14	0	0	0	0	182.89	166.2	0	0	149.23	126.82	90.46	60.1	41.3	34.33	26.6	49.56	52.66	62.88	0	0	11.55	26.25	41.68	56.43	66.63	0	0	0	0	0	0	167.85	9.6	0	161.67	0	0	0	0	0	0	0	0
Riverside	26	221.36	211.75	203.32	187.25	172.69	0	0	0	0	194.44	177.76	0	0	160.78	138.37	102.01	71.65	52.85	45.88	38.15	61.11	64.21	74.43	0	11.55	0	14.7	30.13	44.88	55.08	0	0	0	0	0	0	179.4	21.15	0	173.22	0	0	0	0	0	0	0	0
Temecula	27	236.06	226.45	218.02	201.95	187.39	0	0	0	0	209.14	192.46	0	0	175.48	153.07	116.71	86.35	67.55	60.58	52.85	75.81	78.91	89.13	0	26.25	14.7	0	15.43	30.18	40.38	0	0	0	0	0	0	194.1	35.85	0	187.92	0	0	0	0	0	0	0	0
Escondidd	28	251.5	241.89	233.45	217.38	202.82	0	0	0	0	224.58	207.89	0	0	190.92	168.5	132.15	101.78	82.98	76.02	68.28	91.24	94.35	104.56	0	41.68	30.13	15.43	0	14.75	24.95	0	0	0	0	0	0	209.54	51.28	0	203.36	0	0	0	0	0	0	0	0
U City	29	266.25	256.64	248.2	232.13	217.57	0	0	0	0	239.33	222.64	0	0	205.67	183.25	146.9	116.53	97.73	90.77	83.03	105.99	109.1	119.31	0	56.43	44.88	30.18	14.75	0	10.2	0	0	0	0	0	0	224.29	66.03	0	218.11	0	0	0	0	0	0	0	0
San Diego	30	269.15	266.84	258.4	235.94	227.77	0	0	0	0	244.04	227.25	0	0	215.87	185.03	150.36	126.73	107.93	100.97	89.73	112.01	115.12	125.34	0	66.63	55.08	40.38	24.95	10.2	0	0	0	0	0	0	0	234.49	76.23	0	213.99	0	0	0	0	0	0	0	0
Visalia	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Los Banos	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Livermore	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bernel	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shinn	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Morgan Hll	37	45.75	32.35	23.92	10.9	6.72	0	0	0	0	89.32	69.02	0	0	39.8	45.67	80.64	107.7	126.5	133.47	141.2	151.56	159.15	169.36	0	167.85	179.4	194.1	209.54	224.29	234.49	0	0	0	0	0	0	0	158.25	0	55.02	0	0	0	0	0	0	0	0
City of Ind	38	200.21	190.6	182.17	166.1	151.54	0	0	0	0	173.29	156.61	0	0	139.63	117.22	80.86	50.5	31.7	24.73	17	39.96	43.06	53.28	0	9.6	21.15	35.85	51.28	66.03	76.23	0	0	0	0	0	0	158.25	0	152.07	0	0	0	0	0	0	0	0
Warm Spri	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Modesto	40	100.77	87.37	78.93	65.92	48.3	0	0	0	0	34.3	14	0	0	15.22	32.57	69.12	104.35	123.15	130.12	126.47	153.56	140.77	150.98	0	161.67	173.22	187.92	203.36	218.11	213.99	0	0	0	0	0	0	55.02	152.07	0	0	0	0	0	0	0	0	0
	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palo Alto	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tracy ACE	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Livermore	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		SF TBT	Millbrae	RWC	SJ	Gilroy					Sacrament	Stockton	Tracy	Modesto	Merced	Fresno	Bakersfield	Palmdale	Sylmar	Burbank	LA Union S	Norwalk	Anaheim	Irvine	East Gabri	Ontario	Riverside	Temecula	Escondidd	U City	San Diego	Visalia		Los Banos	Livermore	Bernel	Shinn		Morgan Hl	City of Ind	Warm Spri	Modesto			Palo Alto	Tracy ACE	Livermore		
	hway	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
SF TBT	1	0	46.3	46.3	20.22	48.01	0	0	0	0	52.11	102.58	0	0	102.58	68.4	55.7	84.83	84.83	84.83	33.06	505.18	117.87	117.87	0	86.66	86.66	86.66	86.66	86.66	47.24	0	0	0	0	0	0	48.01	86.66	0	102.58	0	0	0	0	0	0	0	0
Millbrae	2	46.3	0	46.3	46.3	48.01	0	0	0	0	102.58	102.58	0	0	102.58	170.98	107.89	84.83	84.83	84.83	84.83	505.18	505.18	505.18	0	104.25	104.25	104.25	104.25	104.25	104.25	0	0	0	0	0	0	48.01	104.25	0	102.58	0	0	0	0	0	0	0	0
RWC	3	46.3	46.3	0	46.3	48.01	0	0	0	0	102.58	102.58	0	0	102.58	170.98	107.89	84.83	84.83	84.83	84.83	505.18	505.18	505.18	0	104.25	104.25	104.25	104.25	104.25	104.25	0	0	0	0	0	0	48.01	104.25	0	102.58	0	0	0	0	0	0	0	0
SJ	4	20.22	46.3	46.3	0	48.01	0	0	0	0	52.11	102.58	0	0	102.58	68.4	55.7	84.83	84.83	84.83	33.06	505.18	117.87	117.87	0	86.66	86.66	86.66	86.66	86.66	47.24	0	0	0	0	0	0	48.01	86.66	0	102.58	0	0	0	0	0	0	0	0
Gilroy	5	48.01	48.01	48.01	48.01	0	0	0	0	0	102.58	102.58	0	0	102.58	170.98	107.89	90.3	90.3	90.3	90.3	505.18	410.36	410.36	0	104.25	104.25	104.25	104.25	104.25	104.25	0	0	0	0	0	0	48.01	104.25	0	102.58	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sacrament	10	52.11	102.58	102.58	52.11	102.58	0	0	0	0	0	51.3	0	0	68.4	102.58	102.58	119.68	119.68	119.68	84.84	505.18	505.18	505.18	0	119.68	119.68	119.68	119.68	119.68	102.58	0	0	0	0	0	0	102.58	119.68	0	63.51	0	0	0	0	0	0	0	0
Stockton	11	102.58	102.58	102.58	102.58	102.58	0	0	0	0	51.3	0	0	0	68.4	102.58	102.58	119.68	119.68	119.68	102.58	505.18	410.36	410.36	0	153.88	153.88	153.88	153.88	153.88	119.68	0	0	0	0	0	0	102.58	153.88	0	63.51	0	0	0	0	0	0	0	0
Tracy	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Modesto	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Merced	14	102.58	102.58	102.58	102.58	102.58	0	0	0	0	68.4	68.4	0	0	0	205.18	205.18	205.18	205.18	205.18	205.18	505.18	410.36	410.36	0	307.77	307.77	307.77	307.77	307.77	307.77	0	0	0	0	0	0	102.58	307.77	0	68.4	0	0	0	0	0	0	0	0
Fresno	15	68.4	170.98	170.98	68.4	170.98	0	0	0	0	102.58	102.58	0	0	205.18	0	41.04	68.4	68.4	68.4	41.04	402.59	273.57	273.57	0	85.49	85.49	85.49	85.49	85.49	52.11	0	0	0	0	0	0	170.98	85.49	0	170.98	0	0	0	0	0	0	0	0
Bakersfield	16	55.7	107.89	107.89	55.7	107.89	0	0	0	0	102.58	102.58	0	0	205.18	41.04	0	55.7	55.7	55.7	36.1	402.59	273.57	273.57	0	66.07	66.07	66.07	66.07	66.07	44.31	0	0	0	0	0	0	107.89	66.07	0	170.98	0	0	0	0	0	0	0	0
Palmdale	17	84.83	84.83	84.83	84.83	90.3	0	0	0	0	119.68	119.68	0	0	205.18	68.4	55.7	0	49.63	49.63	49.63	402.59	402.59	402.59	0	61.71	61.71	61.71	61.71	61.71	61.71	0	0	0	0	0	0	90.3	61.71	0	205.18	0	0	0	0	0	0	0	0
Sylmar	18	84.83	84.83	84.83	84.83	90.3	0	0	0	0	119.68	119.68	0	0	205.18	68.4	55.7	49.63	0	49.63	49.63	402.59	402.59	402.59	0	61.71	61.71	61.71	61.71	61.71	61.71	0	0	0	0	0	0	90.3	61.71	0	205.18	0	0	0	0	0	0	0	0
Burbank	19	84.83	84.83	84.83	84.83	90.3	0	0	0	0	119.68	119.68	0	0	205.18	68.4	55.7	49.63	49.63	0	49.63	402.59	402.59	402.59	0	61.71	61.71	61.71	61.71	61.71	61.71	0	0	0	0	0	0	90.3	61.71	0	205.18	0	0	0	0	0	0	0	0
LA Union S	20	33.06	84.83	84.83	33.06	90.3	0	0	0	0	84.84	102.58	0	0	205.18	41.04	36.1	49.63	49.63	49.63	0	402.59	95.53	95.53	0	50.01	50.01	50.01	50.01	50.01	32.15	0	0	0	0	0	0	90.3	50.01	0	170.98	0	0	0	0	0	0	0	0
Norwalk	21	505.18	505.18	505.18	505.18	505.18	0	0	0	0	505.18	505.18	0	0	505.18	402.59	402.59	402.59	402.59	402.59	402.59	0	402.59	402.59	0	402.59	402.59	402.59	402.59	402.59	402.59	0	0	0	0	0	0	505.18	402.59	0	505.18	0	0	0	0	0	0	0	0
Anaheim	22	117.87	505.18	505.18	117.87	410.36	0	0	0	0	505.18	410.36	0	0	410.36	273.57	273.57	402.59	402.59	402.59	95.53	402.59	0	95.53	0	95.53	95.53	95.53	95.53	95.53	95.53	0	0	0	0	0	0	410.36	95.53	0	410.36	0	0	0	0	0	0	0	0
Irvine	23	117.87	505.18	505.18	117.87	410.36	0	0	0	0	505.18	410.36	0	0	410.36	273.57	273.57	402.59	402.59	402.59	95.53	402.59	95.53	0	0	95.53	95.53	95.53	95.53	95.53	95.53	0	0	0	0	0	0	410.36	95.53	0	410.36	0	0	0	0	0	0	0	0
East Gabri	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ontario	25	86.66	104.25	104.25	86.66	104.25	0	0	0	0	119.68	153.88	0	0	307.77	85.49	66.07	61.71	61.71	61.71	50.01	402.59	95.53	95.53	0	0	50.01	50.01	50.01	50.01	50.01	0	0	0	0	0	0	104.25	50.01	0	307.77	0	0	0	0	0	0	0	0
Riverside	26	86.66	104.25	104.25	86.66	104.25	0	0	0	0	119.68	153.88	0	0	307.77	85.49	66.07	61.71	61.71	61.71	50.01	402.59	95.53	95.53	0	50.01	0	50.01	50.01	50.01	50.01	0	0	0	0	0	0	104.25	50.01	0	307.77	0	0	0	0	0	0	0	0
Temecula	27	86.66	104.25	104.25	86.66	104.25	0	0	0	0	119.68	153.88	0	0	307.77	85.49	66.07	61.71	61.71	61.71	50.01	402.59	95.53	95.53	0	50.01	50.01	0	50.01	50.01	50.01	0	0	0	0	0	0	104.25	50.01	0	307.77	0	0	0	0	0	0	0	0
Escondidd	28	86.66	104.25	104.25	86.66	104.25	0	0	0	0	119.68	153.88	0	0	307.77	85.49	66.07	61.71	61.71	61.71	50.01	402.59	95.53	95.53	0	50.01	50.01	50.01	0	50.01	50.01	0	0	0	0	0	0	104.25	50.01	0	307.77	0	0	0	0	0	0	0	0
U City	29	86.66	104.25	104.25	86.66	104.25	0	0	0	0	119.68	153.88	0	0	307.77	85.49	66.07	61.71	61.71	61.71	50.01	402.59	95.53	95.53	0	50.01	50.01	50.01	50.01	0	50.01	0	0	0	0	0	0	104.25	50.01	0	307.77	0	0	0	0	0	0	0	0
San Diego	30	47.24	104.25	104.25	47.24	104.25	0	0	0	0	102.58	119.68	0	0	307.77	52.11	44.31	61.71	61.71	61.71	32.15	402.59	95.53	95.53	0	50.01	50.01	50.01	50.01	50.01	0	0	0	0	0	0	0	104.25	50.01	0	205.18	0	0	0	0	0	0	0	0
Visalia	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Los Banos	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Livermore	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bernel	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shinn	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Morgan Hll	37	48.01	48.01	48.01	48.01	48.01	0	0	0	0	102.58	102.58	0	0	102.58	170.98	107.89	90.3	90.3	90.3	90.3	505.18	410.36	410.36	0	104.25	104.25	104.25	104.25	104.25	104.25	0	0	0	0	0	0	0	104.25	0	102.58	0	0	0	0	0	0	0	0
City of Ind	38	86.66	104.25	104.25	86.66	104.25	0	0	0	0	119.68	153.88	0	0	307.77	85.49	66.07	61.71	61.71	61.71	50.01	402.59	95.53	95.53	0	50.01	50.01	50.01	50.01	50.01	50.01	0	0	0	0	0	0	104.25	0	0	307.77	0	0	0	0	0	0	0	0
Warm Spri	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Modesto	40	102.58	102.58	102.58	102.58	102.58	0	0	0	0	63.51	63.51	0	0	68.4	170.98	170.98	205.18	205.18	205.18	170.98	505.18	410.36	410.36	0	307.77	307.77	307.77	307.77	307.77	205.18	0	0	0	0	0	0	102.58	307.77	0	0	0	0	0	0	0	0	0	0
	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palo Alto	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tracy ACE	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Livermore	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		SF TBT	Millbrae	RWC	SJ	Gilroy					Sacrament	Stockton	Tracy	Modesto	Merced	Fresno	Bakersfield	Palmdale	Sylmar	Burbank	LA Union S	Norwalk	Anaheim	Irvine	East Gabri	Ontario	Riverside	Temecula	Escondidd	U City	San Diego	Visalia		Los Banos	Livermore	Bernel	Shinn	Morgan Hl	City of Ind	Warm Spri	Modesto		Palo Alto	Tracy ACE	Livermore			
	ivt	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
SF TBT	1	0	13.4	21.83	32.21	52.47	0	0	0	0	121.73	114.77	0	0	85.55	85.19	121.79	155.05	173.85	180.81	173.97	194.33	187.45	197.66	0	211.16	222.71	237.41	252.85	267.6	262.58	0	0	0	0	0	0	45.75	201.56	0	100.77	0	0	0	0	0	0	0	0
Millbrae	2	13.4	0	8.43	21.45	39.07	0	0	0	0	121.67	101.37	0	0	72.15	78.02	112.43	141.65	160.45	167.41	175.15	180.93	191.78	201.99	0	202.28	213.83	228.53	243.96	258.7	268.9	0	0	0	0	0	0	32.35	192.68	0	87.37	0	0	0	0	0	0	0	0
RWC	3	21.83	8.43	0	13.02	30.63	0	0	0	0	113.23	92.93	0	0	63.72	69.58	104	133.21	152.01	158.98	166.71	172.49	183.34	193.56	0	193.84	205.39	220.09	235.53	250.28	260.48	0	0	0	0	0	0	23.92	184.24	0	78.93	0	0	0	0	0	0	0	0
SJ	4	32.21	21.45	13.02	0	17.62	0	0	0	0	89.19	79.92	0	0	50.7	53.07	89.16	120.2	139	145.96	141.97	159.48	156.18	166.39	0	176.99	188.54	203.24	218.67	233.42	230.3	0	0	0	0	0	0	10.9	167.39	0	65.92	0	0	0	0	0	0	0	0
Gilroy	5	52.47	39.07	30.63	17.62	0	0	0	0	0	82.6	62.3	0	0	33.08	38.95	73.36	103.39	122.19	129.15	136.89	158.24	164.1	174.31	0	163.21	174.76	189.46	204.89	219.64	229.84	0	0	0	0	0	0	6.72	153.6	0	48.3	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sacrament	10	121.73	121.67	113.23	89.19	82.6	0	0	0	0	0	20.3	0	0	49.52	65.92	102.47	134.12	152.92	159.89	159.96	189.85	180.91	191.13	0	187.37	198.92	213.62	229.05	243.8	252.24	0	0	0	0	0	0	89.32	177.77	0	34.3	0	0	0	0	0	0	0	0
Stockton	11	114.77	101.37	92.93	79.92	62.3	0	0	0	0	20.3	0	0	0	29.22	45.62	82.17	113.82	132.62	139.59	145.69	169.55	174.03	184.25	0	173.01	184.56	199.26	214.69	229.44	235.31	0	0	0	0	0	0	69.02	163.41	0	14	0	0	0	0	0	0	0	0
Tracy	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Modesto	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Merced	14	85.55	72.15	63.72	50.7	33.08	0	0	0	0	49.52	29.22	0	0	0	21.18	57.73	89.13	107.93	114.9	122.63	143.05	147.54	157.75	0	149.23	160.78	175.48	190.92	205.67	215.87	0	0	0	0	0	0	39.8	139.63	0	15.22	0	0	0	0	0	0	0	0
Fresno	15	85.19	78.02	69.58	53.07	38.95	0	0	0	0	65.92	45.62	0	0	21.18	0	36.55	67.95	86.75	93.72	97.03	117.29	113.93	124.15	0	128.05	139.6	154.3	169.73	184.48	184.86	0	0	0	0	0	0	45.67	118.45	0	35.47	0	0	0	0	0	0	0	0
Bakersfield	16	121.79	112.43	104	89.16	73.36	0	0	0	0	102.47	82.17	0	0	57.73	36.55	0	31.4	50.2	57.17	61.01	80.19	77.38	87.6	0	91.5	103.05	117.75	133.18	147.93	149.78	0	0	0	0	0	0	80.08	81.9	0	72.02	0	0	0	0	0	0	0	0
Palmdale	17	155.05	141.65	133.21	120.2	103.39	0	0	0	0	134.12	113.82	0	0	89.13	67.95	31.4	0	18.8	25.77	33.5	43.92	54.77	64.98	0	60.1	71.65	86.35	101.78	116.53	126.73	0	0	0	0	0	0	110.1	50.5	0	104.35	0	0	0	0	0	0	0	0
Sylmar	18	173.85	160.45	152.01	139	122.19	0	0	0	0	152.92	132.62	0	0	107.93	86.75	50.2	18.8	0	6.97	14.7	25.12	35.97	46.18	0	41.3	52.85	67.55	82.98	97.73	107.93	0	0	0	0	0	0	128.9	31.7	0	123.15	0	0	0	0	0	0	0	0
Burbank	19	180.81	167.41	158.98	145.96	129.15	0	0	0	0	159.89	139.59	0	0	114.9	93.72	57.17	25.77	6.97	0	7.73	18.15	29	39.22	0	34.33	45.88	60.58	76.02	90.77	100.97	0	0	0	0	0	0	135.87	24.73	0	130.12	0	0	0	0	0	0	0	0
LA Union S	20	173.97	175.15	166.71	141.97	136.89	0	0	0	0	159.96	145.69	0	0	122.63	97.03	61.01	33.5	14.7	7.73	0	10.42	19.03	29.25	0	26.6	38.15	52.85	68.28	83.03	87.94	0	0	0	0	0	0	143.6	17	0	135.07	0	0	0	0	0	0	0	0
Norwalk	21	194.33	180.93	172.49	159.48	158.24	0	0	0	0	189.85	169.55	0	0	143.05	117.29	80.19	43.92	25.12	18.15	10.42	0	10.85	21.07	0	56.15	67.7	82.4	97.83	112.58	115.14	0	0	0	0	0	0	164.95	46.55	0	158.27	0	0	0	0	0	0	0	0
Anaheim	22	187.45	191.78	183.34	156.18	164.1	0	0	0	0	180.91	174.03	0	0	147.54	113.93	77.38	54.77	35.97	29	19.03	10.85	0	10.22	0	64.76	76.31	91.01	106.45	121.2	123.76	0	0	0	0	0	0	170.81	55.16	0	162.75	0	0	0	0	0	0	0	0
Irvine	23	197.66	201.99	193.56	166.39	174.31	0	0	0	0	191.13	184.25	0	0	157.75	124.15	87.6	64.98	46.18	39.22	29.25	21.07	10.22	0	0	74.98	86.53	101.23	116.66	131.41	133.97	0	0	0	0	0	0	181.03	65.38	0	172.97	0	0	0	0	0	0	0	0
East Gabri	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ontario	25	211.16	202.28	193.84	176.99	163.21	0	0	0	0	187.37	173.01	0	0	149.23	128.05	91.5	60.1	41.3	34.33	26.6	56.15	64.76	74.98	0	0	11.55	26.25	41.68	56.43	66.63	0	0	0	0	0	0	169.93	9.6	0	164.45	0	0	0	0	0	0	0	0
Riverside	26	222.71	213.83	205.39	188.54	174.76	0	0	0	0	198.92	184.56	0	0	160.78	139.6	103.05	71.65	52.85	45.88	38.15	67.7	76.31	86.53	0	11.55	0	14.7	30.13	44.88	55.08	0	0	0	0	0	0	181.48	21.15	0	176	0	0	0	0	0	0	0	0
Temecula	27	237.41	228.53	220.09	203.24	189.46	0	0	0	0	213.62	199.26	0	0	175.48	154.3	117.75	86.35	67.55	60.58	52.85	82.4	91.01	101.23	0	26.25	14.7	0	15.43	30.18	40.38	0	0	0	0	0	0	196.18	35.85	0	190.7	0	0	0	0	0	0	0	0
Escondidd	28	252.85	243.96	235.53	218.67	204.89	0	0	0	0	229.05	214.69	0	0	190.92	169.73	133.18	101.78	82.98	76.02	68.28	97.83	106.45	116.66	0	41.68	30.13	15.43	0	14.75	24.95	0	0	0	0	0	0	211.6	51.28	0	206.13	0	0	0	0	0	0	0	0
U City	29	267.6	258.7	250.28	233.42	219.64	0	0	0	0	243.8	229.44	0	0	205.67	184.48	147.93	116.53	97.73	90.77	83.03	112.58	121.2	131.41	0	56.43	44.88	30.18	14.75	0	10.2	0	0	0	0	0	0	226.36	66.03	0	220.88	0	0	0	0	0	0	0	0
San Diego	30	262.58	268.9	260.48	230.3	229.84	0	0	0	0	252.24	235.31	0	0	215.87	184.86	149.78	126.73	107.93	100.97	87.94	115.14	123.76	133.97	0	66.63	55.08	40.38	24.95	10.2	0	0	0	0	0	0	0	236.56	76.23	0	223.23	0	0	0	0	0	0	0	0
Visalia	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Los Banos	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Livermore	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bernel	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shinn	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Morgan Hll	37	45.75	32.35	23.92	10.9	6.72	0	0	0	0	89.32	69.02	0	0	39.8	45.67	80.08	110.1	128.9	135.87	143.6	164.95	170.81	181.03	0	169.93	181.48	196.18	211.6	226.36	236.56	0	0	0	0	0	0	0	160.33	0	55.02	0	0	0	0	0	0	0	0
City of Ind	38	201.56	192.68	184.24	167.39	153.6	0	0	0	0	177.77	163.41	0	0	139.63	118.45	81.9	50.5	31.7	24.73	17	46.55	55.16	65.38	0	9.6	21.15	35.85	51.28	66.03	76.23	0	0	0	0	0	0	160.33	0	154.85	0	0	0	0	0	0	0	0
Warm Spri	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Modesto	40	100.77	87.37	78.93	65.92	48.3	0	0	0	0	34.3	14	0	0	15.22	35.47	72.02	104.35	123.15	130.12	135.07	158.27	162.75	172.97	0	164.45	176	190.7	206.13	220.88	223.23	0	0	0	0	0	0	55.02	154.85	0	0	0	0	0	0	0	0	0
	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palo Alto	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tracy ACE	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Livermore	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

time		SF TBT 1	Millbrae 2	RWC 3	SJ 4	Gilroy 5	6	7	8	9	Sacrament 10	Stockton 11	Tracy 12	Modesto 13	Merced 14	Fresno 15	Bakersfield 16	Palmdale 17	Sylmar 18	Burbank 19	LA Union S 20	Norwalk 21	Anaheim 22	Irvine 23	East Gabri 24	Ontario 25	Riverside 26	Temecula 27	Escondidd 28	U City 29	San Diego 30	Visalia 31	Los Banos 32	Livermore 33	Bernel 34	Shinn 35	Morgan Hl 36	City of Ind 37	Warm Spri 38	Modesto 39	40	41	Palo Alto 42	Tracy ACE 43	Livermore 44	45	46	47	48
SF TBT	1	0	13.4	21.83	54.42	0	0	0	0	0	74.2	59.7	49.12	62.42	78.45	92.42	126.31	155.77	174.57	181.53	178.48	196.19	189.04	199.26	0	212.43	223.98	238.68	254.11	268.86	271.14	0	0	0	0	33.04	0	0	202.83	49.07	0	0	0	0	0	0	0	0	0
Millbrae	2	13.4	0	8.43	43.93	0	0	0	0	0	66.6	46.3	35.72	49.02	65.05	85.53	117.15	142.37	161.17	168.13	175.87	182.79	192.36	202.58	0	202.61	214.16	228.86	244.3	259.05	269.25	0	0	0	0	21.58	0	0	193.01	38.6	0	0	0	0	0	0	0	0	0
RWC	3	21.83	8.43	0	35.5	0	0	0	0	0	58.17	37.87	27.28	40.58	56.62	77.1	108.71	133.93	152.73	159.7	167.43	174.35	183.93	194.14	0	194.18	205.73	220.43	235.86	250.61	260.81	0	0	0	0	13.15	0	0	184.58	30.16	0	0	0	0	0	0	0	0	0
SJ	4	54.42	43.93	35.5	0	0	0	0	0	0	55.81	40.02	29.43	42.73	58.77	73.83	108.75	137.1	155.9	162.87	159.04	190.29	170.47	180.68	0	192.89	204.44	219.14	234.57	249.32	251.07	0	0	0	0	14.78	0	0	183.29	7.92	0	0	0	0	0	0	0	0	0
Gilroy	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sacrament	10	74.2	66.6	58.17	55.81	0	0	0	0	0	0	20.3	30.88	33.95	49.98	66.65	102.48	127.99	146.79	153.76	153.6	177.68	163.79	174.01	0	184.61	196.16	210.86	226.3	241.05	245.67	0	0	0	0	41.6	0	0	175.01	52.4	0	0	0	0	0	0	0	0	0
Stockton	11	59.7	46.3	37.87	40.02	0	0	0	0	0	20.3	0	11.4	13.65	29.68	46.35	82.18	106.76	125.56	132.52	138.43	155.04	154.32	164.54	0	167.31	178.86	193.56	208.99	223.74	228.25	0	0	0	0	24.72	0	0	157.71	32.1	0	0	0	0	0	0	0	0	0
Tracy	12	49.12	35.72	27.28	29.43	0	0	0	0	0	30.88	11.4	0	13.3	29.33	49.82	82.27	107.25	126.05	133.02	140.6	149.23	158.1	168.32	0	166.93	178.48	193.18	208.62	223.37	233.57	0	0	0	0	14.13	0	0	157.33	21.52	0	0	0	0	0	0	0	0	0
Modesto	13	62.42	49.02	40.58	42.73	0	0	0	0	0	33.95	13.65	13.3	0	16.03	35.58	71.86	105.15	123.95	130.92	132.88	156.33	147.28	157.5	0	164.22	175.77	190.47	205.9	220.65	223.76	0	0	0	0	27.43	0	0	154.62	34.82	0	0	0	0	0	0	0	0	0
Merced	14	78.45	65.05	56.62	58.77	0	0	0	0	0	49.98	29.68	29.33	16.03	0	21.17	57.72	89.12	107.92	114.88	122.62	143.03	145.86	156.08	0	149.22	160.77	175.47	190.9	205.65	215.85	0	0	0	0	43.47	0	0	139.62	50.85	0	0	0	0	0	0	0	0	0
Fresno	15	92.42	85.53	77.1	73.83	0	0	0	0	0	66.65	46.35	49.82	35.58	21.17	0	36.55	67.95	86.75	93.72	96.04	118.95	112.38	122.6	0	127.27	138.82	153.52	168.95	183.7	185.33	0	0	0	0	59.08	0	0	117.67	71.34	0	0	0	0	0	0	0	0	0
Bakersfield	16	126.31	117.15	108.71	108.75	0	0	0	0	0	102.48	82.18	82.27	71.86	57.72	36.55	0	31.4	50.2	57.17	60.47	83.06	76.45	86.67	0	90.84	102.39	117.09	132.53	147.28	150.64	0	0	0	0	93.17	0	0	81.24	106.62	0	0	0	0	0	0	0	0	0
Palmdale	17	155.77	142.37	133.93	137.1	0	0	0	0	0	127.99	106.76	107.25	105.15	89.12	67.95	31.4	0	18.8	25.77	33.5	43.92	54.55	64.76	0	60.1	71.65	86.35	101.78	116.53	126.73	0	0	0	0	121.05	0	0	50.5	129.19	0	0	0	0	0	0	0	0	0
Sylmar	18	174.57	161.17	152.73	155.9	0	0	0	0	0	146.79	125.56	126.05	123.95	107.92	86.75	50.2	18.8	0	6.97	14.7	25.12	35.75	45.96	0	41.3	52.85	67.55	82.98	97.73	107.93	0	0	0	0	139.85	0	0	31.7	147.99	0	0	0	0	0	0	0	0	0
Burbank	19	181.53	168.13	159.7	162.87	0	0	0	0	0	153.76	132.52	133.02	130.92	114.88	93.72	57.17	25.77	6.97	0	7.73	18.15	28.78	39	0	34.33	45.88	60.58	76.02	90.77	100.97	0	0	0	0	146.81	0	0	24.73	154.95	0	0	0	0	0	0	0	0	0
LA Union S	20	178.48	175.87	167.43	159.04	0	0	0	0	0	153.6	138.43	140.6	132.88	122.62	96.04	60.47	33.5	14.7	7.73	0	10.42	19.84	30.06	0	26.6	38.15	52.85	68.28	83.03	89.73	0	0	0	0	144.98	0	0	17	162.26	0	0	0	0	0	0	0	0	0
Norwalk	21	196.19	182.79	174.35	190.29	0	0	0	0	0	177.68	155.04	149.23	156.33	143.03	118.95	83.06	43.92	25.12	18.15	10.42	0	10.85	21.07	0	49.58	61.13	75.83	91.26	106	112.02	0	0	0	0	162.27	0	0	39.98	184.34	0	0	0	0	0	0	0	0	0
Anaheim	22	189.04	192.36	183.93	170.47	0	0	0	0	0	163.79	154.32	158.1	147.28	145.86	112.38	76.45	54.55	35.75	28.78	19.84	10.85	0	10.22	0	53.88	65.43	80.13	95.57	110.32	116.33	0	0	0	0	157.12	0	0	44.28	180.53	0	0	0	0	0	0	0	0	0
Irvine	23	199.26	202.58	194.14	180.68	0	0	0	0	0	174.01	164.54	168.32	157.5	156.08	122.6	86.67	64.76	45.96	39	30.06	21.07	10.22	0	0	64.1	75.65	90.35	105.78	120.53	126.55	0	0	0	0	167.34	0	0	54.5	190.74	0	0	0	0	0	0	0	0	0
East Gabri	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ontario	25	212.43	202.61	194.18	192.89	0	0	0	0	0	184.61	167.31	166.93	164.22	149.22	127.27	90.84	60.1	41.3	34.33	26.6	49.58	53.88	64.1	0	0	11.55	26.25	41.68	56.43	66.63	0	0	0	0	177.81	0	0	9.6	188.72	0	0	0	0	0	0	0	0	0
Riverside	26	223.98	214.16	205.73	204.44	0	0	0	0	0	196.16	178.86	178.48	175.77	160.77	138.82	102.39	71.65	52.85	45.88	38.15	61.13	65.43	75.65	0	11.55	0	14.7	30.13	44.88	55.08	0	0	0	0	189.36	0	0	21.15	200.27	0	0	0	0	0	0	0	0	0
Temecula	27	238.68	228.86	220.43	219.14	0	0	0	0	0	210.86	193.56	193.18	190.47	175.47	153.52	117.09	86.35	67.55	60.58	52.85	75.83	80.13	90.35	0	26.25	14.7	0	15.43	30.18	40.38	0	0	0	0	204.06	0	0	35.85	214.97	0	0	0	0	0	0	0	0	0
Escondidd	28	254.11	244.3	235.86	234.57	0	0	0	0	0	226.3	208.99	208.62	205.9	190.9	168.95	132.53	101.78	82.98	76.02	68.28	91.26	95.57	105.78	0	41.68	30.13	15.43	0	14.75	24.95	0	0	0	0	219.49	0	0	51.28	230.41	0	0	0	0	0	0	0	0	0
U City	29	268.86	259.05	250.61	249.32	0	0	0	0	0	241.05	223.74	223.37	220.65	205.65	183.7	147.28	116.53	97.73	90.77	83.03	106	110.32	120.53	0	56.43	44.88	30.18	14.75	0	10.2	0	0	0	0	234.24	0	0	66.03	245.16	0	0	0	0	0	0	0	0	0
San Diego	30	271.14	269.25	260.81	251.07	0	0	0	0	0	245.67	228.25	233.57	223.76	215.85	185.33	150.64	126.73	107.93	100.97	89.73	112.02	116.33	126.55	0	66.63	55.08	40.38	24.95	10.2	0	0	0	0	0	237.09	0	0	76.23	255.36	0	0	0	0	0	0	0	0	0
Visalia	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Los Banos	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Livermore	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bernel	35	33.04	21.58	13.15	14.78	0	0	0	0	0	41.6	24.72	14.13	27.43	43.47	59.08	93.17	121.05	139.85	146.81	144.98	162.27	157.12	167.34	0	177.81	189.36	204.06	219.49	234.24	237.09	0	0	0	0	0	0	0	168.21	7.38	0	0	0	0	0	0	0	0	0
Shinn	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Morgan Hll	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Ind	38	202.83	193.01	184.58	183.29	0	0	0	0	0	175.01	157.71	157.33	154.62	139.62	117.67	81.24	50.5	31.7	24.73	17	39.98	44.28	54.5	0	9.6	21.15	35.85	51.28	66.03	76.23	0	0	0	0	168.21	0	0	0	179.12	0	0	0	0	0	0	0	0	0
Warm Spri	39	49.07	38.6	30.16	7.92	0	0	0	0	0	52.4	32.1	21.52	34.82	50.85	71.34	106.62	129.19	147.99	154.95	162.26	184.34	180.53	190.74	0	188.72	200.27	214.97	230.41	245.16	255.36	0	0	0	0	7.38	0	0	179.12	0	0	0	0	0	0	0	0	0
Modesto	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palo Alto	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tracy ACE	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Livermore	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

headway		SF TBT 1	Millbrae 2	RWC 3	SJ 4	Gilroy 5	6	7	8	Sacrament 9	Stockton 10	Tracy 11	Modesto 12	Merced 13	Fresno 14	Bakersfield 15	Palmdale 16	Sylmar 17	Burbank 18	LA Union S 19	Norwalk 20	Anaheim 21	Irvine 22	East Gabri 23	Ontario 24	Riverside 25	Temecula 26	Escondidd 27	U City 28	San Diego 29	Visalia 30	31	Los Banos 32	Livermore 33	Bernel 34	Shinn 35	36	Morgan Hl 37	City of Ind 38	Warm Spri 39	Modesto 40	41	Palo Alto 42	Tracy ACE 43	Livermore 44	45	46	47	48
SF TBT	1	0	16.13	16.13	19.13	0	0	0	0	0	36.87	73	16.13	45.81	45.81	27.81	26.3	23.36	23.36	23.36	14.09	386.47	62.64	62.64	0	23.27	23.27	23.27	23.27	23.27	18.29	0	0	0	0	9.66	0	0	23.27	34.23	0	0	0	0	0	0	0	0	0	0
Millbrae	2	16.13	0	16.13	19.13	0	0	0	0	0	73	73	16.13	45.81	45.81	42.57	37.64	23.36	23.36	23.36	23.36	386.47	355.46	355.46	0	26.2	26.2	26.2	26.2	26.2	26.2	0	0	0	0	16.13	0	0	26.2	34.23	0	0	0	0	0	0	0	0	0	0
RWC	3	16.13	16.13	0	19.13	0	0	0	0	0	73	73	16.13	45.81	45.81	42.57	37.64	23.36	23.36	23.36	23.36	386.47	355.46	355.46	0	26.2	26.2	26.2	26.2	26.2	26.2	0	0	0	0	16.13	0	0	26.2	34.23	0	0	0	0	0	0	0	0	0	0
SJ	4	19.13	19.13	19.13	0	0	0	0	0	0	68.04	135	34.23	84.55	84.55	51.44	56.9	55.54	55.54	55.54	28.94	612.5	124.02	124.02	0	50.67	50.67	50.67	50.67	50.67	37.84	0	0	0	0	19.13	0	0	50.67	34.23	0	0	0	0	0	0	0	0	0	0
Gilroy	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sacrament	10	36.87	73	73	68.04	0	0	0	0	0	0	15.93	47.38	37.42	118	32.27	30.15	43.22	43.22	43.22	18.01	325.48	74.75	74.75	0	34.37	34.37	34.37	34.37	34.37	24.35	0	0	0	0	23.91	0	0	34.37	135	0	0	0	0	0	0	0	0	0	0
Stockton	11	73	73	73	135	0	0	0	0	15.93	0	43.41	37.42	118	32.27	30.15	39.28	39.28	39.28	39.28	22.86	394.5	130.09	130.09	0	39.28	39.28	39.28	39.28	39.28	27.85	0	0	0	0	47.38	0	0	39.28	135	0	0	0	0	0	0	0	0	0	0
Tracy	12	16.13	16.13	16.13	34.23	0	0	0	0	0	47.38	43.41	0	29.71	29.71	27.6	26.47	15.79	15.79	15.79	15.56	325.48	312.56	312.56	0	17.88	17.88	17.88	17.88	17.88	17.88	0	0	0	0	10.92	0	0	17.88	34.23	0	0	0	0	0	0	0	0	0	0
Modesto	13	45.81	45.81	45.81	84.55	0	0	0	0	0	37.42	37.42	29.71	0	23.73	16.55	19.19	29.57	29.57	29.57	19.19	394.57	130.12	130.12	0	29.57	29.57	29.57	29.57	29.57	22.58	0	0	0	0	29.71	0	0	29.57	84.55	0	0	0	0	0	0	0	0	0	0
Merced	14	45.81	45.81	45.81	84.55	0	0	0	0	0	118	118	29.71	23.73	0	23.73	29.57	29.57	29.57	29.57	29.57	394.57	140.93	140.93	0	31.69	31.69	31.69	31.69	31.69	31.69	0	0	0	0	29.71	0	0	31.69	84.55	0	0	0	0	0	0	0	0	0	0
Fresno	15	27.81	42.57	42.57	51.44	0	0	0	0	0	32.27	32.27	27.6	16.55	23.73	0	12.77	25.13	25.13	25.13	12.77	394.57	67.67	67.67	0	24.6	24.6	24.6	24.6	24.6	16.16	0	0	0	0	18.05	0	0	24.6	78.57	0	0	0	0	0	0	0	0	0	0
Bakersfield	16	26.3	37.64	37.64	56.9	0	0	0	0	0	30.15	30.15	26.47	19.19	29.57	12.77	0	17.57	17.57	17.57	10.52	394.57	58.92	58.92	0	17.72	17.72	17.72	17.72	17.72	12.87	0	0	0	0	17.87	0	0	17.72	95.11	0	0	0	0	0	0	0	0	0	0
Palmdale	17	23.36	23.36	23.36	55.54	0	0	0	0	0	43.22	39.28	15.79	29.57	29.57	25.13	17.57	0	10.85	10.85	10.85	325.48	312.56	312.56	0	11.97	11.97	11.97	11.97	11.97	11.97	0	0	0	0	16.36	0	0	11.97	55.54	0	0	0	0	0	0	0	0	0	0
Sylmar	18	23.36	23.36	23.36	55.54	0	0	0	0	0	43.22	39.28	15.79	29.57	29.57	25.13	17.57	10.85	0	10.85	10.85	325.48	312.56	312.56	0	11.97	11.97	11.97	11.97	11.97	11.97	0	0	0	0	16.36	0	0	11.97	55.54	0	0	0	0	0	0	0	0	0	0
Burbank	19	23.36	23.36	23.36	55.54	0	0	0	0	0	43.22	39.28	15.79	29.57	29.57	25.13	17.57	10.85	10.85	0	10.85	325.48	312.56	312.56	0	11.97	11.97	11.97	11.97	11.97	11.97	0	0	0	0	16.36	0	0	11.97	55.54	0	0	0	0	0	0	0	0	0	0
LA Union S	20	14.09	23.36	23.36	28.94	0	0	0	0	0	18.01	22.86	15.56	19.19	29.57	12.77	10.52	10.85	10.85	10.85	0	325.48	24.89	24.89	0	10.15	10.15	10.15	10.15	10.15	7.73	0	0	0	0	9.45	0	0	10.15	53.23	0	0	0	0	0	0	0	0	0	0
Norwalk	21	386.47	386.47	386.47	612.5	0	0	0	0	0	325.48	394.5	325.48	394.57	394.57	394.57	394.57	325.48	325.48	325.48	325.48	0	325.48	325.48	0	325.48	325.48	325.48	325.48	325.48	325.48	0	0	0	0	359.54	0	0	325.48	612.5	0	0	0	0	0	0	0	0	0	0
Anaheim	22	62.64	355.46	355.46	124.02	0	0	0	0	0	74.75	130.09	312.56	130.12	140.93	67.67	58.92	312.56	312.56	312.56	24.89	325.48	0	24.89	0	24.89	24.89	24.89	24.89	24.89	24.89	0	0	0	0	41.59	0	0	24.89	167.3	0	0	0	0	0	0	0	0	0	0
Irvine	23	62.64	355.46	355.46	124.02	0	0	0	0	0	74.75	130.09	312.56	130.12	140.93	67.67	58.92	312.56	312.56	312.56	24.89	325.48	24.89	0	0	24.89	24.89	24.89	24.89	24.89	24.89	0	0	0	0	41.59	0	0	24.89	167.3	0	0	0	0	0	0	0	0	0	0
East Gabri	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ontario	25	23.27	26.2	26.2	50.67	0	0	0	0	0	34.37	39.28	17.88	29.57	31.69	24.6	17.72	11.97	11.97	11.97	10.15	325.48	24.89	24.89	0	0	10.15	10.15	10.15	10.15	10.15	0	0	0	0	15.85	0	0	10.15	57.65	0	0	0	0	0	0	0	0	0	0
Riverside	26	23.27	26.2	26.2	50.67	0	0	0	0	0	34.37	39.28	17.88	29.57	31.69	24.6	17.72	11.97	11.97	11.97	10.15	325.48	24.89	24.89	0	10.15	0	10.15	10.15	10.15	10.15	0	0	0	0	15.85	0	0	10.15	57.65	0	0	0	0	0	0	0	0	0	0
Temecula	27	23.27	26.2	26.2	50.67	0	0	0	0	0	34.37	39.28	17.88	29.57	31.69	24.6	17.72	11.97	11.97	11.97	10.15	325.48	24.89	24.89	0	10.15	10.15	0	10.15	10.15	10.15	0	0	0	0	15.85	0	0	10.15	57.65	0	0	0	0	0	0	0	0	0	0
Escondidd	28	23.27	26.2	26.2	50.67	0	0	0	0	0	34.37	39.28	17.88	29.57	31.69	24.6	17.72	11.97	11.97	11.97	10.15	325.48	24.89	24.89	0	10.15	10.15	10.15	0	10.15	10.15	0	0	0	0	15.85	0	0	10.15	57.65	0	0	0	0	0	0	0	0	0	0
U City	29	23.27	26.2	26.2	50.67	0	0	0	0	0	34.37	39.28	17.88	29.57	31.69	24.6	17.72	11.97	11.97	11.97	10.15	325.48	24.89	24.89	0	10.15	10.15	10.15	10.15	0	10.15	0	0	0	0	15.85	0	0	10.15	57.65	0	0	0	0	0	0	0	0	0	0
San Diego	30	18.29	26.2	26.2	37.84	0	0	0	0	0	24.35	27.85	17.88	22.58	31.69	16.16	12.87	11.97	11.97	11.97	7.73	325.48	24.89	24.89	0	10.15	10.15	10.15	10.15	10.15	0	0	0	0	0	12.29	0	0	10.15	57.65	0	0	0	0	0	0	0	0	0	0
Visalia	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Los Banos	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Livermore	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bernel	35	9.66	16.13	16.13	19.13	0	0	0	0	0	23.91	47.38	10.92	29.71	29.71	18.05	17.87	16.36	16.36	16.36	9.45	359.54	41.59	41.59	0	15.85	15.85	15.85	15.85	15.85	12.29	0	0	0	0	0	0	0	15.85	34.23	0	0	0	0	0	0	0	0	0	0
Shinn	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Morgan Hll	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Ind	38	23.27	26.2	26.2	50.67	0	0	0	0	0	34.37	39.28	17.88	29.57	31.69	24.6	17.72	11.97	11.97	11.97	10.15	325.48	24.89	24.89	0	10.15	10.15	10.15	10.15	10.15	10.15	0	0	0	0	15.85	0	0	0	57.65	0	0	0	0	0	0	0	0	0	0
Warm Spri	39	34.23	34.23	34.23	34.23	0	0	0	0	0	135	135	34.23	84.55	84.55	78.57	95.11	55.54	55.54	55.54	53.23	612.5	167.3	167.3	0	57.65	57.65	57.65	57.65	57.65	57.65	0	0	0	0	34.23	0	0	57.65	0	0	0	0	0	0	0	0	0	0
Modesto	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palo Alto	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tracy ACE	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Livermore	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		SF TBT	Millbrae	RWC	SJ	Gilroy					Sacrament	Stockton	Tracy	Modesto	Merced	Fresno	Bakersfield	Palmdale	Sylmar	Burbank	LA Union S	Norwalk	Anaheim	Irvine	East Gabri	Ontario	Riverside	Temecula	Escondidd	U City	San Diego	Visalia		Los Banos	Livermore	Bernel	Shinn	Morgan Hl	City of Ind	Warm Spri	Modesto			Palo Alto	Tracy ACE	Livermore			
	headway	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
SF TBT	1	0	68.26	68.26	58.49	0	0	0	0	0	80.37	158	70.88	263.33	263.33	105.38	81.91	120.21	120.21	120.21	49.25	778	181.53	181.53	0	124.46	124.46	124.46	124.46	124.46	68.93	0	0	0	0	30.51	0	0	124.46	146.27	0	0	0	0	0	0	0	0	0
Millbrae	2	68.26	0	68.26	68.26	0	0	0	0	0	158	158	70.88	263.33	263.33	263.33	155.74	120.21	120.21	120.21	120.21	778	778	778	0	143.71	143.71	143.71	143.71	143.71	143.71	0	0	0	0	68.26	0	0	143.71	146.27	0	0	0	0	0	0	0	0	0
RWC	3	68.26	68.26	0	68.26	0	0	0	0	0	158	158	70.88	263.33	263.33	263.33	155.74	120.21	120.21	120.21	120.21	778	778	778	0	143.71	143.71	143.71	143.71	143.71	143.71	0	0	0	0	68.26	0	0	143.71	146.27	0	0	0	0	0	0	0	0	0
SJ	4	58.49	68.26	68.26	0	0	0	0	0	0	149.21	294	151.16	489.06	489.06	195.54	177.4	303.84	303.84	303.84	96.21	755	308.23	308.23	0	298.2	298.2	298.2	298.2	298.2	153.01	0	0	0	0	58.49	0	0	298.2	146.27	0	0	0	0	0	0	0	0	0
Gilroy	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sacrament	10	80.37	158	158	149.21	0	0	0	0	0	0	51.41	102.78	171.5	205.75	102.88	102.88	120	120	120	85.05	667.5	505.5	505.5	0	120	120	120	120	120	102.88	0	0	0	0	52.23	0	0	120	294	0	0	0	0	0	0	0	0	0
Stockton	11	158	158	158	294	0	0	0	0	0	51.41	0	102.78	171.5	205.75	102.88	102.88	120	120	120	102.88	667.5	410.8	410.8	0	154.25	154.25	154.25	154.25	154.25	120	0	0	0	0	102.78	0	0	154.25	294	0	0	0	0	0	0	0	0	0
Tracy	12	70.88	70.88	70.88	151.16	0	0	0	0	0	102.78	102.78	0	171.17	171.17	171.17	108.01	90.39	90.39	90.39	90.39	667.3	410.6	410.6	0	104.36	104.36	104.36	104.36	104.36	104.36	0	0	0	0	48.07	0	0	104.36	151.16	0	0	0	0	0	0	0	0	0
Modesto	13	263.33	263.33	263.33	489.06	0	0	0	0	0	171.5	171.5	171.17	0	92.52	85.67	85.67	92.52	92.52	92.52	85.67	564.7	308	308	0	119.91	119.91	119.91	119.91	119.91	102.79	0	0	0	0	171.17	0	0	119.91	489.06	0	0	0	0	0	0	0	0	0
Merced	14	263.33	263.33	263.33	489.06	0	0	0	0	0	205.75	205.75	171.17	92.52	0	92.52	92.52	92.52	92.52	92.52	92.52	564.7	308	308	0	119.91	119.91	119.91	119.91	119.91	119.91	0	0	0	0	171.17	0	0	119.91	489.06	0	0	0	0	0	0	0	0	0
Fresno	15	105.38	263.33	263.33	195.54	0	0	0	0	0	102.88	102.88	171.17	85.67	92.52	0	41.11	68.54	68.54	68.54	41.11	564.7	273.75	273.75	0	85.66	85.66	85.66	85.66	85.66	52.21	0	0	0	0	68.48	0	0	85.66	489.06	0	0	0	0	0	0	0	0	0
Bakersfield	16	81.91	155.74	155.74	177.4	0	0	0	0	0	102.88	102.88	108.01	85.67	92.52	41.11	0	55.8	55.8	55.8	36.16	564.7	273.75	273.75	0	66.19	66.19	66.19	66.19	66.19	44.39	0	0	0	0	55.76	0	0	66.19	369.83	0	0	0	0	0	0	0	0	0
Palmdale	17	120.21	120.21	120.21	303.84	0	0	0	0	0	120	120	90.39	92.52	92.52	68.54	55.8	0	49.71	49.71	49.71	564.7	402.94	402.94	0	61.81	61.81	61.81	61.81	61.81	61.81	0	0	0	0	84.92	0	0	61.81	303.84	0	0	0	0	0	0	0	0	0
Sylmar	18	120.21	120.21	120.21	303.84	0	0	0	0	0	120	120	90.39	92.52	92.52	68.54	55.8	49.71	0	49.71	49.71	564.7	402.94	402.94	0	61.81	61.81	61.81	61.81	61.81	61.81	0	0	0	0	84.92	0	0	61.81	303.84	0	0	0	0	0	0	0	0	0
Burbank	19	120.21	120.21	120.21	303.84	0	0	0	0	0	120	120	90.39	92.52	92.52	68.54	55.8	49.71	49.71	0	49.71	564.7	402.94	402.94	0	61.81	61.81	61.81	61.81	61.81	61.81	0	0	0	0	84.92	0	0	61.81	303.84	0	0	0	0	0	0	0	0	0
LA Union S	20	49.25	120.21	120.21	96.21	0	0	0	0	0	85.05	102.88	90.39	85.67	92.52	41.11	36.16	49.71	49.71	49.71	0	549.38	92.98	92.98	0	50.1	50.1	50.1	50.1	50.1	32.2	0	0	0	0	32.56	0	0	50.1	303.84	0	0	0	0	0	0	0	0	0
Norwalk	21	778	778	778	755	0	0	0	0	0	667.5	667.5	667.3	564.7	564.7	564.7	564.7	564.7	564.7	564.7	549.38	0	549.38	549.38	0	549.38	549.38	549.38	549.38	549.38	549.38	0	0	0	0	614.03	0	0	549.38	1048	0	0	0	0	0	0	0	0	0
Anaheim	22	181.53	778	778	308.23	0	0	0	0	0	505.5	410.8	410.6	308	308	273.75	273.75	402.94	402.94	402.94	92.98	549.38	0	92.98	0	92.98	92.98	92.98	92.98	92.98	92.98	0	0	0	0	113.93	0	0	92.98	1443.5	0	0	0	0	0	0	0	0	0
Irvine	23	181.53	778	778	308.23	0	0	0	0	0	505.5	410.8	410.6	308	308	273.75	273.75	402.94	402.94	402.94	92.98	549.38	92.98	0	0	92.98	92.98	92.98	92.98	92.98	92.98	0	0	0	0	113.93	0	0	92.98	1443.5	0	0	0	0	0	0	0	0	0
East Gabri	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ontario	25	124.46	143.71	143.71	298.2	0	0	0	0	0	120	154.25	104.36	119.91	119.91	85.66	66.19	61.81	61.81	61.81	50.1	549.38	92.98	92.98	0	0	50.1	50.1	50.1	50.1	50.1	0	0	0	0	86.74	0	0	50.1	417.43	0	0	0	0	0	0	0	0	0
Riverside	26	124.46	143.71	143.71	298.2	0	0	0	0	0	120	154.25	104.36	119.91	119.91	85.66	66.19	61.81	61.81	61.81	50.1	549.38	92.98	92.98	0	50.1	0	50.1	50.1	50.1	50.1	0	0	0	0	86.74	0	0	50.1	417.43	0	0	0	0	0	0	0	0	0
Temecula	27	124.46	143.71	143.71	298.2	0	0	0	0	0	120	154.25	104.36	119.91	119.91	85.66	66.19	61.81	61.81	61.81	50.1	549.38	92.98	92.98	0	50.1	50.1	0	50.1	50.1	50.1	0	0	0	0	86.74	0	0	50.1	417.43	0	0	0	0	0	0	0	0	0
Escondidd	28	124.46	143.71	143.71	298.2	0	0	0	0	0	120	154.25	104.36	119.91	119.91	85.66	66.19	61.81	61.81	61.81	50.1	549.38	92.98	92.98	0	50.1	50.1	50.1	0	50.1	50.1	0	0	0	0	86.74	0	0	50.1	417.43	0	0	0	0	0	0	0	0	0
U City	29	124.46	143.71	143.71	298.2	0	0	0	0	0	120	154.25	104.36	119.91	119.91	85.66	66.19	61.81	61.81	61.81	50.1	549.38	92.98	92.98	0	50.1	50.1	50.1	50.1	0	50.1	0	0	0	0	86.74	0	0	50.1	417.43	0	0	0	0	0	0	0	0	0
San Diego	30	68.93	143.71	143.71	153.01	0	0	0	0	0	102.88	120	104.36	102.79	119.91	52.21	44.39	61.81	61.81	61.81	32.2	549.38	92.98	92.98	0	50.1	50.1	50.1	50.1	50.1	0	0	0	0	0	47.3	0	0	50.1	417.43	0	0	0	0	0	0	0	0	0
Visalia	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Los Banos	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Livermore	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bernel	35	30.51	68.26	68.26	58.49	0	0	0	0	0	52.23	102.78	48.07	171.17	171.17	68.48	55.76	84.92	84.92	84.92	32.56	614.03	113.93	113.93	0	86.74	86.74	86.74	86.74	86.74	47.3	0	0	0	0	0	0	0	86.74	146.27	0	0	0	0	0	0	0	0	0
Shinn	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Morgan Hll	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Ind	38	124.46	143.71	143.71	298.2	0	0	0	0	0	120	154.25	104.36	119.91	119.91	85.66	66.19	61.81	61.81	61.81	50.1	549.38	92.98	92.98	0	50.1	50.1	50.1	50.1	50.1	50.1	0	0	0	0	86.74	0	0	0	417.43	0	0	0	0	0	0	0	0	0
Warm Spri	39	146.27	146.27	146.27	146.27	0	0	0	0	0	294	294	151.16	489.06	489.06	489.06	369.83	303.84	303.84	303.84	303.84	1048	1443.5	1443.5	0	417.43	417.43	417.43	417.43	417.43	417.43	0	0	0	0	146.27	0	0	417.43	0	0	0	0	0	0	0	0	0
Modesto	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palo Alto	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tracy ACE	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Livermore	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		SF TBT	Millbrae	RWC	SJ	Gilroy					Sacrament	Stockton	Tracy	Modesto	Merced	Fresno	Bakersfield	Palmdale	Sylmar	Burbank	LA Union S	Norwalk	Anaheim	Irvine	East Gabri	Ontario	Riverside	Temecula	Escondidd	U City	San Diego	Visalia		Los Banos	Livermore	Bernel	Shinn	Morgan Hl	City of Ind	Warm Spri	Modesto			Palo Alto	Tracy ACE	Livermore			
time		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
SF TBT	1	0	13.4	21.83	61.39	0	0	0	0	0	74.24	59.7	49.12	62.42	78.45	88.14	123.62	157.77	176.57	183.54	174.37	197.94	187.7	197.92	0	213.49	225.04	239.74	255.17	269.92	263.58	0	0	0	0	32.31	0	0	203.89	55.11	0	0	0	0	0	0	0	0	0
Millbrae	2	13.4	0	8.43	55.25	0	0	0	0	0	66.6	46.3	35.72	49.02	65.05	86.22	116.22	144.37	163.17	170.14	177.87	184.54	195.39	205.61	0	204.69	216.24	230.94	246.37	261.12	271.32	0	0	0	0	21.58	0	0	195.09	48.97	0	0	0	0	0	0	0	0	0
RWC	3	21.83	8.43	0	46.82	0	0	0	0	0	58.17	37.87	27.28	40.58	56.62	77.78	107.79	135.94	154.74	161.7	169.44	176.11	186.96	197.18	0	196.26	207.81	222.51	237.94	252.69	262.89	0	0	0	0	13.15	0	0	186.66	40.53	0	0	0	0	0	0	0	0	0
SJ	4	61.39	55.25	46.82	0	0	0	0	0	0	55.85	40.02	29.43	42.73	58.77	70.55	106.56	141.39	160.19	167.16	154.91	178.27	168.6	178.82	0	193.9	205.45	220.15	235.59	250.34	243.76	0	0	0	0	14.65	0	0	184.3	7.92	0	0	0	0	0	0	0	0	0
Gilroy	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sacrament	10	74.24	66.6	58.17	55.85	0	0	0	0	0	0	20.3	30.88	33.95	49.98	66.86	103.41	135.08	153.88	160.85	161.76	188.35	175.21	185.43	0	189.25	200.8	215.5	230.93	245.68	253.87	0	0	0	0	41.63	0	0	179.65	52.4	0	0	0	0	0	0	0	0	0
Stockton	11	59.7	46.3	37.87	40.02	0	0	0	0	0	20.3	0	10.58	13.65	29.68	46.56	83.11	114.78	133.58	140.55	146.63	170.31	174.79	185	0	174.08	185.63	200.33	215.76	230.51	236.32	0	0	0	0	24.72	0	0	164.48	32.1	0	0	0	0	0	0	0	0	0
Tracy	12	49.12	35.72	27.28	29.43	0	0	0	0	0	30.88	10.58	0	13.3	29.33	50.5	81.3	110.47	129.27	136.24	143.97	166.89	173.6	183.82	0	169.82	181.37	196.07	211.51	226.26	236.46	0	0	0	0	14.13	0	0	160.22	21.52	0	0	0	0	0	0	0	0	0
Modesto	13	62.42	49.02	40.58	42.73	0	0	0	0	0	33.95	13.65	13.3	0	16.03	36.75	73.3	105.15	123.95	130.92	137.28	159.07	163.55	173.77	0	165.25	176.8	191.5	206.93	221.68	227.99	0	0	0	0	27.43	0	0	155.65	34.82	0	0	0	0	0	0	0	0	0
Merced	14	78.45	65.05	56.62	58.77	0	0	0	0	0	49.98	29.68	29.33	16.03	0	21.17	57.72	89.12	107.92	114.88	122.62	143.03	147.52	157.74	0	149.22	160.77	175.47	190.9	205.65	215.85	0	0	0	0	43.47	0	0	139.62	50.85	0	0	0	0	0	0	0	0	0
Fresno	15	88.14	86.22	77.78	70.55	0	0	0	0	0	66.86	46.56	50.5	36.75	21.17	0	36.55	67.95	86.75	93.72	97.03	117.3	114.23	124.45	0	128.05	139.6	154.3	169.73	184.48	184.86	0	0	0	0	55.97	0	0	118.45	72.02	0	0	0	0	0	0	0	0	0
Bakersfield	16	123.62	116.22	107.79	106.56	0	0	0	0	0	103.41	83.11	81.3	73.3	57.72	36.55	0	31.4	50.2	57.17	61.01	80.2	77.68	87.9	0	91.5	103.05	117.75	133.18	147.93	149.77	0	0	0	0	91.16	0	0	81.9	105.32	0	0	0	0	0	0	0	0	0
Palmdale	17	157.77	144.37	135.94	141.39	0	0	0	0	0	135.08	114.78	110.47	105.15	89.12	67.95	31.4	0	18.8	25.77	33.5	43.92	54.48	64.69	0	60.1	71.65	86.35	101.78	116.53	126.73	0	0	0	0	123.58	0	0	50.5	133.47	0	0	0	0	0	0	0	0	0
Sylmar	18	176.57	163.17	154.74	160.19	0	0	0	0	0	153.88	133.58	129.27	123.95	107.92	86.75	50.2	18.8	0	6.97	14.7	25.12	35.68	45.89	0	41.3	52.85	67.55	82.98	97.73	107.93	0	0	0	0	142.38	0	0	31.7	152.27	0	0	0	0	0	0	0	0	0
Burbank	19	183.54	170.14	161.7	167.16	0	0	0	0	0	160.85	140.55	136.24	130.92	114.88	93.72	57.17	25.77	6.97	0	7.73	18.15	28.7	38.93	0	34.33	45.88	60.58	76.02	90.77	100.97	0	0	0	0	149.35	0	0	24.73	159.24	0	0	0	0	0	0	0	0	0
LA Union S	20	174.37	177.87	169.44	154.91	0	0	0	0	0	161.76	146.63	143.97	137.28	122.62	97.03	61.01	33.5	14.7	7.73	0	10.42	20.05	30.27	0	26.6	38.15	52.85	68.28	83.03	87.93	0	0	0	0	141.49	0	0	17	166.97	0	0	0	0	0	0	0	0	0
Norwalk	21	197.94	184.54	176.11	178.27	0	0	0	0	0	188.35	170.31	166.89	159.07	143.03	117.3	80.2	43.92	25.12	18.15	10.42	0	10.85	21.07	0	56.16	67.71	82.41	97.84	112.59	115.14	0	0	0	0	157.47	0	0	46.56	180.34	0	0	0	0	0	0	0	0	0
Anaheim	22	187.7	195.39	186.96	168.6	0	0	0	0	0	175.21	174.79	173.6	163.55	147.52	114.23	77.68	54.48	35.68	28.7	20.05	10.85	0	10.22	0	65.79	77.34	92.04	107.48	122.23	124.78	0	0	0	0	155.43	0	0	56.19	180.35	0	0	0	0	0	0	0	0	0
Irvine	23	197.92	205.61	197.18	178.82	0	0	0	0	0	185.43	185	183.82	173.77	157.74	124.45	87.9	64.69	45.89	38.93	30.27	21.07	10.22	0	0	76	87.56	102.26	117.69	132.44	135	0	0	0	0	165.64	0	0	66.4	190.57	0	0	0	0	0	0	0	0	0
East Gabri	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ontario	25	213.49	204.69	196.26	193.9	0	0	0	0	0	189.25	174.08	169.82	165.25	149.22	128.05	91.5	60.1	41.3	34.33	26.6	56.16	65.79	76	0	0	11.55	26.25	41.68	56.43	66.63	0	0	0	0	178.98	0	0	9.6	194.59	0	0	0	0	0	0	0	0	0
Riverside	26	225.04	216.24	207.81	205.45	0	0	0	0	0	200.8	185.63	181.37	176.8	160.77	139.6	103.05	71.65	52.85	45.88	38.15	67.71	77.34	87.56	0	11.55	0	14.7	30.13	44.88	55.08	0	0	0	0	190.53	0	0	21.15	206.14	0	0	0	0	0	0	0	0	0
Temecula	27	239.74	230.94	222.51	220.15	0	0	0	0	0	215.5	200.33	196.07	191.5	175.47	154.3	117.75	86.35	67.55	60.58	52.85	82.41	92.04	102.26	0	26.25	14.7	0	15.43	30.18	40.38	0	0	0	0	205.23	0	0	35.85	220.84	0	0	0	0	0	0	0	0	0
Escondidd	28	255.17	246.37	237.94	235.59	0	0	0	0	0	230.93	215.76	211.51	206.93	190.9	169.73	133.18	101.78	82.98	76.02	68.28	97.84	107.48	117.69	0	41.68	30.13	15.43	0	14.75	24.95	0	0	0	0	220.67	0	0	51.28	236.27	0	0	0	0	0	0	0	0	0
U City	29	269.92	261.12	252.69	250.34	0	0	0	0	0	245.68	230.51	226.26	221.68	205.65	184.48	147.93	116.53	97.73	90.77	83.03	112.59	122.23	132.44	0	56.43	44.88	30.18	14.75	0	10.2	0	0	0	0	235.42	0	0	66.03	251.02	0	0	0	0	0	0	0	0	0
San Diego	30	263.58	271.32	262.89	243.76	0	0	0	0	0	253.87	236.32	236.46	227.99	215.85	184.86	149.77	126.73	107.93	100.97	87.93	115.14	124.78	135	0	66.63	55.08	40.38	24.95	10.2	0	0	0	0	0	230.45	0	0	76.23	261.22	0	0	0	0	0	0	0	0	0
Visalia	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Los Banos	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Livermore	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bernel	35	32.31	21.58	13.15	14.65	0	0	0	0	0	41.63	24.72	14.13	27.43	43.47	55.97	91.16	123.58	142.38	149.35	141.49	157.47	155.43	165.64	0	178.98	190.53	205.23	220.67	235.42	230.45	0	0	0	0	0	0	0	169.38	7.38	0	0	0	0	0	0	0	0	0
Shinn	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Morgan Hll	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
City of Ind	38	203.89	195.09	186.66	184.3	0	0	0	0	0	179.65	164.48	160.22	155.65	139.62	118.45	81.9	50.5	31.7	24.73	17	46.56	56.19	66.4	0	9.6	21.15	35.85	51.28	66.03	76.23	0	0	0	0	169.38	0	0	0	184.99	0	0	0	0	0	0	0	0	0
Warm Spri	39	55.11	48.97	40.53	7.92	0	0	0	0	0	52.4	32.1	21.52	34.82	50.85	72.02	105.32	133.47	152.27	159.24	166.97	180.34	180.35	190.57	0	194.59	206.14	220.84	236.27	251.02	261.22	0	0	0	0	7.38	0	0	184.99	0	0	0	0	0	0	0	0	0
Modesto	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palo Alto	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tracy ACE	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Livermore	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Ratio of off-peak to peak headways

	SF TBT	Millbrae	RWC	SJ	Gilroy	Sacrament	Stockton	Tracy	Modesto	Merced	Fresno	Bakersfield	Palmdale	Sylmar	Burbank	LA Union S	Norwalk	Anaheim	Irvine	East Gabri	Ontario	Riverside	Temecula	Escondidd	U City	San Diego	Visalia	Los Banos	Livermore	Bernel	Shinn	Morgan Hl	City of Ind	Warm Spri	Modesto	Palo Alto	Tracy ACE	Livermore
SF TBT		416%	416%	321%	432%	220%	219%			219%	393%	321%	509%	509%	509%	358%	170%	311%	311%		550%	550%	550%	550%	550%	387%						432%	550%		219%			
Millbrae	416%		416%	416%	432%	219%	219%			219%	583%	376%	509%	509%	509%	509%	170%	219%	219%		551%	551%	551%	551%	551%	551%						432%	551%		219%			
RWC	416%	416%		416%	432%	219%	219%			219%	583%	376%	509%	509%	509%	509%	170%	219%	219%		551%	551%	551%	551%	551%	551%						432%	551%		219%			
SJ	321%	416%	416%		432%	220%	219%			219%	393%	321%	509%	509%	509%	358%	170%	311%	311%		550%	550%	550%	550%	550%	387%						432%	550%		219%			
Gilroy	432%	432%	432%	432%		219%	219%			219%	583%	376%	542%	542%	542%	542%	170%	178%	178%		551%	551%	551%	551%	551%	551%						432%	551%		219%			
Sacramento	220%	219%	219%	220%	219%		335%			204%	320%	342%	306%	306%	306%	489%	170%	812%	812%		350%	350%	350%	350%	350%	424%						219%	350%		306%			
Stockton	219%	219%	219%	219%	219%	335%				204%	320%	342%	306%	306%	306%	451%	170%	316%	316%		394%	394%	394%	394%	394%	432%						219%	394%		306%			
Tracy																																						
Modesto																																						
Merced	219%	219%	219%	219%	219%	204%	204%				175%	175%	175%	175%	175%	175%	170%	350%	350%		262%	262%	262%	262%	262%	262%						219%	262%		204%			
Fresno	393%	583%	583%	393%	583%	320%	320%			175%		330%	262%	262%	262%	330%	135%	427%	427%		350%	350%	350%	350%	350%	325%						583%	350%		460%			
Bakersfield	321%	376%	376%	321%	376%	342%	342%			175%	330%		307%	307%	307%	350%	135%	494%	494%		375%	375%	375%	375%	375%	346%						376%	375%		460%			
Palmdale	509%	509%	509%	509%	542%	306%	306%			175%	262%	307%		453%	453%	453%	169%	187%	187%		505%	505%	505%	505%	505%	505%						542%	505%		175%			
Sylmar	509%	509%	509%	509%	542%	306%	306%			175%	262%	307%	453%		453%	453%	169%	187%	187%		505%	505%	505%	505%	505%	505%						542%	505%		175%			
Burbank	509%	509%	509%	509%	542%	306%	306%			175%	262%	307%	453%	453%		453%	169%	187%	187%		505%	505%	505%	505%	505%	505%						542%	505%		175%			
LA Union Station	358%	509%	509%	358%	542%	489%	451%			175%	330%	350%	453%	453%	453%		169%	406%	406%		496%	496%	496%	496%	496%	418%						542%	496%		460%			
Norwalk	170%	170%	170%	170%	170%	170%	170%			170%	135%	135%	169%	169%	169%	169%		169%	169%		169%	169%	169%	169%	169%	169%						170%	169%		212%			
Anaheim	311%	219%	219%	311%	178%	812%	316%			350%	427%	494%	187%	187%	187%	406%	169%		406%		406%	406%	406%	406%	406%	406%						178%	406%		172%			
Irvine	311%	219%	219%	311%	178%	812%	316%			350%	427%	494%	187%	187%	187%	406%	169%	406%			406%	406%	406%	406%	406%	406%						178%	406%		172%			
East Gabriel Valley																																						
Ontario	550%	551%	551%	550%	551%	350%	394%			262%	350%	375%	505%	505%	505%	496%	169%	406%	406%			496%	496%	496%	496%	496%						551%	496%		315%			
Riverside	550%	551%	551%	550%	551%	350%	394%			262%	350%	375%	505%	505%	505%	496%	169%	406%	406%		496%		496%	496%	496%	496%						551%	496%		315%			
Temecula	550%	551%	551%	550%	551%	350%	394%			262%	350%	375%	505%	505%	505%	496%	169%	406%	406%		496%	496%		496%	496%	496%						551%	496%		315%			
Escondiddo	550%	551%	551%	550%	551%	350%	394%			262%	350%	375%	505%	505%	505%	496%	169%	406%	406%		496%	496%	496%		496%	496%						551%	496%		315%			
U City	550%	551%	551%	550%	551%	350%	394%			262%	350%	375%	505%	505%	505%	496%	169%	406%	406%		496%	496%	496%	496%		496%						551%	496%		315%			
San Diego	387%	551%	551%	387%	551%	424%	432%			262%	325%	346%	505%	505%	505%	418%	169%	406%	406%		496%	496%	496%	496%	496%							551%	496%		420%			
Visalia																																						
Los Banos																																						
Livermore																																						
Bernel																																						
Shinn																																						
Morgan Hll	432%	432%	432%	432%	432%	219%	219%			219%	583%	376%	542%	542%	542%	542%	170%	178%	178%		551%	551%	551%	551%	551%	551%							551%		219%			
City of Industry	550%	551%	551%	550%	551%	350%	394%			262%	350%	375%	505%	505%	505%	496%	169%	406%	406%		496%	496%	496%	496%	496%	496%						551%			315%			
Warm Springs																																						
Modesto	219%	219%	219%	219%	219%	306%	306%			204%	460%	460%	175%	175%	175%	460%	212%	172%	172%		315%	315%	315%	315%	315%	420%						219%	315%					
Palo Alto																																						
Tracy ACE																																						
Livermore																																						

Ratio of off-peak to peak headways

	SF TBT	Millbrae	RWC	SJ	Gilroy	Sacrament	Stockton	Tracy	Modesto	Merced	Fresno	Bakersfield	Palmdale	Sylmar	Burbank	LA Union S	Norwalk	Anaheim	Irvine	East Gabri	Ontario	Riverside	Temecula	Escondidd	U City	San Diego	Visalia	Los Banos	Livermore	Bernel	Shinn	Morgan Hl	City of Ind	Warm Spri	Modesto	Palo Alto	Tracy ACE	Livermore
SF TBT		423%	423%	306%		218%	216%	439%	575%	575%	379%	311%	515%	515%	515%	350%	201%	290%	290%		535%	535%	535%	535%	535%	377%				316%			535%	427%				
Millbrae	423%		423%	357%		216%	216%	439%	575%	575%	619%	414%	515%	515%	515%	515%	201%	219%	219%		549%	549%	549%	549%	549%	549%				423%			549%	427%				
RWC	423%	423%		357%		216%	216%	439%	575%	575%	619%	414%	515%	515%	515%	515%	201%	219%	219%		549%	549%	549%	549%	549%	549%				423%			549%	427%				
SJ	306%	357%	357%			219%	218%	442%	578%	578%	380%	312%	547%	547%	547%	332%	123%	249%	249%		589%	589%	589%	589%	589%	404%				306%			589%	427%				
Gilroy																																						
Sacramento	218%	216%	216%	219%			323%	217%	458%	174%	319%	341%	278%	278%	278%	472%	205%	676%	676%		349%	349%	349%	349%	349%	423%				218%			349%	218%				
Stockton	216%	216%	216%	218%		323%		237%	458%	174%	319%	341%	305%	305%	305%	450%	169%	316%	316%		393%	393%	393%	393%	393%	431%				217%			393%	218%				
Tracy	439%	439%	439%	442%		217%	237%		576%	576%	620%	408%	572%	572%	572%	581%	205%	131%	131%		584%	584%	584%	584%	584%	584%				440%			584%	442%				
Modesto	575%	575%	575%	578%		458%	458%	576%		390%	518%	446%	313%	313%	313%	446%	143%	237%	237%		406%	406%	406%	406%	406%	455%				576%			406%	578%				
Merced	575%	575%	575%	578%		174%	174%	576%	390%		390%	313%	313%	313%	313%	313%	143%	219%	219%		378%	378%	378%	378%	378%	378%				576%			378%	578%				
Fresno	379%	619%	619%	380%		319%	319%	620%	518%	390%		322%	273%	273%	273%	322%	143%	405%	405%		348%	348%	348%	348%	348%	323%				379%			348%	622%				
Bakersfield	311%	414%	414%	312%		341%	341%	408%	446%	313%	322%		318%	318%	318%	344%	143%	465%	465%		374%	374%	374%	374%	374%	345%				312%			374%	389%				
Palmdale	515%	515%	515%	547%		278%	305%	572%	313%	313%	273%	318%		458%	458%	458%	173%	129%	129%		516%	516%	516%	516%	516%	516%				519%			516%	547%				
Sylmar	515%	515%	515%	547%		278%	305%	572%	313%	313%	273%	318%	458%		458%	458%	173%	129%	129%		516%	516%	516%	516%	516%	516%				519%			516%	547%				
Burbank	515%	515%	515%	547%		278%	305%	572%	313%	313%	273%	318%	458%	458%		458%	173%	129%	129%		516%	516%	516%	516%	516%	516%				519%			516%	547%				
LA Union Station	350%	515%	515%	332%		472%	450%	581%	446%	313%	322%	344%	458%	458%	458%		169%	374%	374%		494%	494%	494%	494%	494%	417%				345%			494%	571%				
Norwalk	201%	201%	201%	123%		205%	169%	205%	143%	143%	143%	143%	173%	173%	173%	169%		169%	169%		169%	169%	169%	169%	169%	169%				171%			169%	171%				
Anaheim	290%	219%	219%	249%		676%	316%	131%	237%	219%	405%	465%	129%	129%	129%	374%	169%		374%		374%	374%	374%	374%	374%	374%				274%			374%	863%				
Irvine	290%	219%	219%	249%		676%	316%	131%	237%	219%	405%	465%	129%	129%	129%	374%	169%	374%			374%	374%	374%	374%	374%	374%				274%			374%	863%				
East Gabriel Valley																																						
Ontario	535%	549%	549%	589%		349%	393%	584%	406%	378%	348%	374%	516%	516%	516%	494%	169%	374%	374%			494%	494%	494%	494%	494%				547%			494%	724%				
Riverside	535%	549%	549%	589%		349%	393%	584%	406%	378%	348%	374%	516%	516%	516%	494%	169%	374%	374%		494%		494%	494%	494%	494%				547%			494%	724%				
Temecula	535%	549%	549%	589%		349%	393%	584%	406%	378%	348%	374%	516%	516%	516%	494%	169%	374%	374%		494%	494%		494%	494%	494%				547%			494%	724%				
Escondiddo	535%	549%	549%	589%		349%	393%	584%	406%	378%	348%	374%	516%	516%	516%	494%	169%	374%	374%		494%	494%	494%		494%	494%				547%			494%	724%				
U City	535%	549%	549%	589%		349%	393%	584%	406%	378%	348%	374%	516%	516%	516%	494%	169%	374%	374%		494%	494%	494%	494%		494%				547%			494%	724%				
San Diego	377%	549%	549%	404%		423%	431%	584%	455%	378%	323%	345%	516%	516%	516%	417%	169%	374%	374%		494%	494%	494%	494%	494%					385%			494%	724%				
Visalia																																						
Los Banos																																						
Livermore																																						
Bernel	316%	423%	423%	306%		218%	217%	440%	576%	576%	379%	312%	519%	519%	519%	345%	171%	274%	274%		547%	547%	547%	547%	547%	385%							547%	427%				
Shinn																																						
Morgan Hll																																						
City of Industry	535%	549%	549%	589%		349%	393%	584%	406%	378%	348%	374%	516%	516%	516%	494%	169%	374%	374%		494%	494%	494%	494%	494%	494%				547%				724%				
Warm Springs	427%	427%	427%	427%		218%	218%	442%	578%	578%	622%	389%	547%	547%	547%	571%	171%	863%	863%		724%	724%	724%	724%	724%	724%				427%			724%					
Modesto																																						
Palo Alto																																						
Tracy ACE																																						
Livermore																																						

Difference in minutes of peak headways (Altamont - Pacheco)

	SF TBT	Millbrae	RWC	SJ	Gilroy	Sacrament	Stockton	Tracy	Modesto	Merced	Fresno	Bakersfield	Palmdale	Sylmar	Burbank	LA Union S	Norwalk	Anaheim	Irvine	East Gabri	Ontario	Riverside	Temecula	Escondidd	U City	San Diego	Visalia	Los Banos	Livermore	Bernel	Shinn	Morgan Hl	City of Ind	Warm Spri	Modesto	Palo Alto	Tracy ACE	Livermore
SF TBT		5	5	13		13	26			(1)	10	9	7	7	7	5	89	25	25		8	8	8	8	8	6							8					
Millbrae	5		5	8		26	26			(1)	13	9	7	7	7	7	89	125	125		7	7	7	7	7	7							7					
RWC	5	5		8		26	26			(1)	13	9	7	7	7	7	89	125	125		7	7	7	7	7	7							7					
SJ	13	8	8			44	88			38	34	40	39	39	39	20	315	86	86		35	35	35	35	35	26							35					
Gilroy																																						
Sacramento	13	26	26	44			1			84	0	0	4	4	4	1	28	13	13		0	0	0	0	0	0							0					
Stockton	26	26	26	88		1				84	0	0	0	0	0	0	97	0	0		0	0	0	0	0	0							0					
Tracy																																						
Modesto																																						
Merced	(1)	(1)	(1)	38		84	84				(94)	(88)	(88)	(88)	(88)	(88)	97	24	24		(86)	(86)	(86)	(86)	(86)	(86)							(86)					
Fresno	10	13	13	34		0	0			(94)		0	(1)	(1)	(1)	0	97	4	4		0	0	0	0	0	0							0					
Bakersfield	9	9	9	40		0	0			(88)	0		(1)	(1)	(1)	0	97	4	4		0	0	0	0	0	0							0					
Palmdale	7	7	7	39		4	0			(88)	(1)	(1)		(0)	(0)	(0)	87	97	97		(0)	(0)	(0)	(0)	(0)	(0)							(0)					
Sylmar	7	7	7	39		4	0			(88)	(1)	(1)	(0)		(0)	(0)	87	97	97		(0)	(0)	(0)	(0)	(0)	(0)							(0)					
Burbank	7	7	7	39		4	0			(88)	(1)	(1)	(0)	(0)		(0)	87	97	97		(0)	(0)	(0)	(0)	(0)	(0)							(0)					
LA Union Station	5	7	7	20		1	0			(88)	0	0	(0)	(0)	(0)		87	1	1		0	0	0	0	0	0							0					
Norwalk	89	89	89	315		28	97			97	97	97	87	87	87	87		87	87		87	87	87	87	87	87							87					
Anaheim	25	125	125	86		13	0			24	4	4	97	97	97	1	87		1		1	1	1	1	1	1							1					
Irvine	25	125	125	86		13	0			24	4	4	97	97	97	1	87	1			1	1	1	1	1	1							1					
East Gabriel Valley																																						
Ontario	8	7	7	35		0	0			(86)	0	0	(0)	(0)	(0)	0	87	1	1			0	0	0	0	0							0					
Riverside	8	7	7	35		0	0			(86)	0	0	(0)	(0)	(0)	0	87	1	1		0		0	0	0	0							0					
Temecula	8	7	7	35		0	0			(86)	0	0	(0)	(0)	(0)	0	87	1	1		0	0		0	0	0							0					
Escondiddo	8	7	7	35		0	0			(86)	0	0	(0)	(0)	(0)	0	87	1	1		0	0	0		0	0							0					
U City	8	7	7	35		0	0			(86)	0	0	(0)	(0)	(0)	0	87	1	1		0	0	0	0		0							0					
San Diego	6	7	7	26		0	0			(86)	0	0	(0)	(0)	(0)	0	87	1	1		0	0	0	0	0								0					
Visalia																																						
Los Banos																																						
Livermore																																						
Bernel																																						
Shinn																																						
Morgan Hll																																						
City of Industry	8	7	7	35		0	0			(86)	0	0	(0)	(0)	(0)	0	87	1	1		0	0	0	0	0	0												
Warm Springs																																						
Modesto																																						
Palo Alto																																						
Tracy ACE																																						
Livermore																																						

Difference in minutes of offpeak headways (Altamont - Pacheco)

	SF TBT	Millbrae	RWC	SJ	Gilroy	Sacrament	Stockton	Tracy	Modesto	Merced	Fresno	Bakersfield	Palmdale	Sylmar	Burbank	LA Union S	Norwalk	Anaheim	Irvine	East Gabri	Ontario	Riverside	Temecula	Escondidd	U City	San Diego	Visalia	Los Banos	Livermore	Bernel	Shinn	Morgan Hl	City of Ind	Warm Spri	Modesto	Palo Alto	Tracy ACE	Livermore
SF TBT		22	22	38		28	55			161	37	26	35	35	35	16	273	64	64		38	38	38	38	38	22							38					
Millbrae	22		22	22		55	55			161	92	48	35	35	35	35	273	273	273		39	39	39	39	39	39							39					
RWC	22	22		22		55	55			161	92	48	35	35	35	35	273	273	273		39	39	39	39	39	39							39					
SJ	38	22	22			97	191			386	127	122	219	219	219	63	250	190	190		212	212	212	212	212	106							212					
Gilroy																																						
Sacramento	28	55	55	97			0			137	0	0	0	0	0	0	162	0	0		0	0	0	0	0	0							0					
Stockton	55	55	55	191		0				137	0	0	0	0	0	0	162	0	0		0	0	0	0	0	0							0					
Tracy																																						
Modesto																																						
Merced	161	161	161	386		137	137				(113)	(113)	(113)	(113)	(113)	(113)	60	(102)	(102)		(188)	(188)	(188)	(188)	(188)	(188)							(188)					
Fresno	37	92	92	127		0	0			(113)		0	0	0	0	0	162	0	0		0	0	0	0	0	0							0					
Bakersfield	26	48	48	122		0	0			(113)	0		0	0	0	0	162	0	0		0	0	0	0	0	0							0					
Palmdale	35	35	35	219		0	0			(113)	0	0		0	0	0	162	0	0		0	0	0	0	0	0							0					
Sylmar	35	35	35	219		0	0			(113)	0	0	0		0	0	162	0	0		0	0	0	0	0	0							0					
Burbank	35	35	35	219		0	0			(113)	0	0	0	0		0	162	0	0		0	0	0	0	0	0							0					
LA Union Station	16	35	35	63		0	0			(113)	0	0	0	0	0		147	(3)	(3)		0	0	0	0	0	0							0					
Norwalk	273	273	273	250		162	162			60	162	162	162	162	162	147		147	147		147	147	147	147	147	147							147					
Anaheim	64	273	273	190		0	0			(102)	0	0	0	0	0	(3)	147		(3)		(3)	(3)	(3)	(3)	(3)	(3)							(3)					
Irvine	64	273	273	190		0	0			(102)	0	0	0	0	0	(3)	147	(3)			(3)	(3)	(3)	(3)	(3)	(3)							(3)					
East Gabriel Valley																																						
Ontario	38	39	39	212		0	0			(188)	0	0	0	0	0	0	147	(3)	(3)			0	0	0	0	0							0					
Riverside	38	39	39	212		0	0			(188)	0	0	0	0	0	0	147	(3)	(3)		0		0	0	0	0							0					
Temecula	38	39	39	212		0	0			(188)	0	0	0	0	0	0	147	(3)	(3)		0	0		0	0	0							0					
Escondiddo	38	39	39	212		0	0			(188)	0	0	0	0	0	0	147	(3)	(3)		0	0	0		0	0							0					
U City	38	39	39	212		0	0			(188)	0	0	0	0	0	0	147	(3)	(3)		0	0	0	0		0							0					
San Diego	22	39	39	106		0	0			(188)	0	0	0	0	0	0	147	(3)	(3)		0	0	0	0	0								0					
Visalia																																						
Los Banos																																						
Livermore																																						
Bernel																																						
Shinn																																						
Morgan Hll																																						
City of Industry	38	39	39	212		0	0			(188)	0	0	0	0	0	0	147	(3)	(3)		0	0	0	0	0	0												
Warm Springs																																						
Modesto																																						
Palo Alto																																						
Tracy ACE																																						
Livermore																																						

	SF TBT	Millbrae	RWC	SJ	Gilroy	Sacrament	Stockton	Tracy	Modesto	Merced	Fresno	Bakersfield	Palmdale	Sylmar	Burbank	LA Union S	Norwalk	Anaheim	Irvine	East Gabri	Ontario	Riverside	Temecula	Escondidd	U City	San Diego	Visalia	Los Banos	Livermore	Bernel	Shinn	Morgan Hl	City of Ind	Warm Spri	Modesto	Palo Alto	Tracy ACE	Livermore
SF TBT		25	33	39	64	145	162			132	104	140	170	189	196	186	495	228	238		226	237	252	267	282	281						57	216		148			
Millbrae	25		20	33	50	169	148			119	107	142	157	176	182	190	481	422	433		219	231	245	261	276	286						43	210		134			
RWC	33	20		24	42	160	140			111	99	133	148	167	174	182	473	414	424		211	222	237	252	267	277						35	201		126			
SJ	39	33	24		29	113	127			98	72	107	135	154	161	154	460	196	206		191	203	218	233	248	248						22	182		113			
Gilroy	64	50	42	29		130	109			80	68	103	118	136	143	151	442	383	394		180	192	206	222	236	247						18	170		95			
Sacramento	145	169	160	113	130		36			83	98	132	165	184	191	169	469	223	233		217	229	243	259	274	268						136	208		55			
Stockton	162	148	140	127	109	36				63	78	111	145	163	170	160	451	283	293		205	217	232	247	262	255						116	196		35			
Tracy																																						
Modesto																																						
Merced	132	119	111	98	80	83	63				139	175	206	225	232	240	450	268	279		267	278	293	308	323	333						87	257		49			
Fresno	104	107	99	72	68	98	78			139		49	94	113	120	108	416	176	187		151	163	177	193	208	201						75	142		70			
Bakersfield	140	142	133	107	103	132	111			175	49		50	68	75	70	380	132	142		108	120	134	150	165	163						109	98		106			
Palmdale	170	157	148	135	118	165	145			206	94	50		30	37	44	283	270	280		72	84	99	114	129	139						124	63		222			
Sylmar	189	176	167	154	136	184	163			225	113	68	30		18	26	264	251	261		54	65	80	95	110	120						143	44		240			
Burbank	196	182	174	161	143	191	170			232	120	75	37	18		19	257	244	254		47	58	73	88	103	113						150	37		247			
LA Union Station	186	190	182	154	151	169	160			240	108	70	44	26	19		249	43	53		37	48	63	78	93	97						158	27		164			
Norwalk	495	481	473	460	442	469	451			450	416	380	283	264	257	249		250	260		288	300	314	330	345	351						449	279		392			
Anaheim	228	422	414	196	383	223	283			268	176	132	270	251	244	43	250		34		76	88	102	118	133	139						390	67		379			
Irvine	238	433	424	206	394	233	293			279	187	142	280	261	254	53	260	34			86	98	113	128	143	149						400	77		390			
East Gabriel Valley																																						
Ontario	226	219	211	191	180	217	205			267	151	108	72	54	47	37	288	76	86			22	36	52	67	77						187	20		259			
Riverside	237	231	222	203	192	229	217			278	163	120	84	65	58	48	300	88	98		22		25	40	55	65						198	31		271			
Temecula	252	245	237	218	206	243	232			293	177	134	99	80	73	63	314	102	113		36	25		26	40	50						213	46		286			
Escondiddo	267	261	252	233	222	259	247			308	193	150	114	95	88	78	330	118	128		52	40	26		25	35						228	61		301			
U City	282	276	267	248	236	274	262			323	208	165	129	110	103	93	345	133	143		67	55	40	25		20						243	76		316			
San Diego	281	286	277	248	247	268	255			333	201	163	139	120	113	97	351	139	149		77	65	50	35	20							253	86		263			
Visalia																																						
Los Banos																																						
Livermore																																						
Bernel																																						
Shinn																																						
Morgan Hll	57	43	35	22	18	136	116			87	75	109	124	143	150	158	449	390	400		187	198	213	228	243	253							177		102			
City of Industry	216	210	201	182	170	208	196			257	142	98	63	44	37	27	279	67	77		20	31	46	61	76	86						177			250			
Warm Springs																																						
Modesto	148	134	126	113	95	55	35			49	70	106	222	240	247	164	392	379	390		259	271	286	301	316	263						102	250					
Palo Alto																																						
Tracy ACE																																						
Livermore																																						

	SF TBT	Millbrae	RWC	SJ	Gilroy	Sacrament	Stockton	Tracy	Modesto	Merced	Fresno	Bakersfield	Palmdale	Sylmar	Burbank	LA Union S	Norwalk	Anaheim	Irvine	East Gabri	Ontario	Riverside	Temecula	Escondidd	U City	San Diego	Visalia	Los Banos	Livermore	Bernel	Shinn	Morgan Hl	City of Ind	Warm Spri	Modesto	Palo Alto	Tracy ACE	Livermore
SF TBT		30	38	74		111	133	65	108	124	120	153	179	198	205	193	583	252	262		236	247	262	277	292	289				43			226	83				
Millbrae	30		25	63		140	119	52	95	111	128	155	166	185	191	199	569	548	558		229	240	255	271	285	295				38			219	73				
RWC	38	25		55		131	111	43	86	102	120	146	157	176	183	191	561	539	550		220	232	247	262	277	287				29			211	64				
SJ	74	63	55			124	175	64	127	143	125	166	193	211	218	188	803	294	305		244	255	270	285	300	289				34			234	42				
Gilroy																																						
Sacramento	111	140	131	124			36	78	71	168	99	133	171	190	197	172	503	239	249		219	231	245	261	275	270				66			209	187				
Stockton	133	119	111	175		36		55	51	148	79	112	146	165	172	161	550	284	295		207	218	233	248	263	256				72			197	167				
Tracy	65	52	43	64		78	55		43	59	77	109	123	142	149	156	475	471	481		185	196	211	227	241	251				25			175	56				
Modesto	108	95	86	127		71	51	43		40	52	91	135	154	160	152	551	277	288		194	205	220	235	250	246				57			184	119				
Merced	124	111	102	143		168	148	59	40		45	87	119	137	144	152	538	287	297		181	192	207	223	237	248				73			171	135				
Fresno	120	128	120	125		99	79	77	52	45		49	93	112	119	109	514	180	190		152	163	178	194	208	201				77			142	150				
Bakersfield	153	155	146	166		133	112	109	91	87	49		49	68	75	71	478	135	146		109	120	135	150	165	164				111			99	202				
Palmdale	179	166	157	193		171	146	123	135	119	93	49		30	37	44	369	367	377		72	84	98	114	129	139				137			62	185				
Sylmar	198	185	176	211		190	165	142	154	137	112	68	30		18	26	351	348	359		53	65	80	95	110	120				156			44	204				
Burbank	205	191	183	218		197	172	149	160	144	119	75	37	18		19	344	341	352		46	58	73	88	103	113				163			37	210				
LA Union Station	193	199	191	188		172	161	156	152	152	109	71	44	26	19		336	45	55		37	48	63	78	93	97				154			27	215				
Norwalk	583	569	561	803		503	550	475	551	538	514	478	369	351	344	336		336	347		375	387	401	417	431	438				522			365	797				
Anaheim	252	548	539	294		239	284	471	277	287	180	135	367	348	341	45	336		35		79	90	105	120	135	141				199			69	348				
Irvine	262	558	550	305		249	295	481	288	297	190	146	377	359	352	55	347	35			89	101	115	131	145	151				209			79	358				
East Gabriel Valley																																						
Ontario	236	229	220	244		219	207	185	194	181	152	109	72	53	46	37	375	79	89			22	36	52	67	77				194			20	246				
Riverside	247	240	232	255		231	218	196	205	192	163	120	84	65	58	48	387	90	101		22		25	40	55	65				205			31	258				
Temecula	262	255	247	270		245	233	211	220	207	178	135	98	80	73	63	401	105	115		36	25		26	40	51				220			46	273				
Escondiddo	277	271	262	285		261	248	227	235	223	194	150	114	95	88	78	417	120	131		52	40	26		25	35				235			61	288				
U City	292	285	277	300		275	263	241	250	237	208	165	129	110	103	93	431	135	145		67	55	40	25		20				250			76	303				
San Diego	289	295	287	289		270	256	251	246	248	201	164	139	120	113	97	438	141	151		77	65	51	35	20					249			86	313				
Visalia																																						
Los Banos																																						
Livermore																																						
Bernel	43	38	29	34		66	72	25	57	73	77	111	137	156	163	154	522	199	209		194	205	220	235	250	249							184	42				
Shinn																																						
Morgan Hll																																						
City of Industry	226	219	211	234		209	197	175	184	171	142	99	62	44	37	27	365	69	79		20	31	46	61	76	86				184				237				
Warm Springs	83	73	64	42		187	167	56	119	135	150	202	185	204	210	215	797	348	358		246	258	273	288	303	313				42			237					
Modesto																																						
Palo Alto																																						
Tracy ACE																																						
Livermore																																						

	SF TBT	Millbrae	RWC	SJ	Gilroy	Sacrament	Stockton	Tracy	Modesto	Merced	Fresno	Bakersfield	Palmdale	Sylmar	Burbank	LA Union S	Norwalk	Anaheim	Irvine	East Gabri	Ontario	Riverside	Temecula	Escondidd	U City	San Diego	Visalia	Los Banos	Livermore	Bernel	Shinn	Morgan Hl	City of Ind	Warm Spri	Modesto	Palo Alto	Tracy ACE	Livermore
SF TBT		60	68	52	100	174	217			188	154	177	240	259	266	207	700	305	316		298	309	324	340	354	310						94	288		203			
Millbrae	60		55	68	87	224	204			175	249	220	226	245	252	260	686	697	707		307	318	333	348	363	373						80	297		190			
RWC	68	55		59	79	216	196			166	241	212	218	237	244	252	678	689	699		298	310	324	340	355	365						72	288		182			
SJ	52	68	59		66	141	183			153	121	145	205	224	231	175	665	274	284		264	275	290	305	320	278						59	254		169			
Gilroy	100	87	79	66		185	165			136	210	181	194	212	219	227	663	574	585		267	279	294	309	324	334						55	258		151			
Sacramento	174	224	216	141	185		72			118	169	205	254	273	280	245	695	686	696		307	319	333	349	363	355						192	297		98			
Stockton	217	204	196	183	165	72				98	148	185	234	252	259	248	675	584	595		327	338	353	369	383	355						172	317		78			
Tracy																																						
Modesto																																						
Merced	188	175	166	153	136	118	98				226	263	294	313	320	328	648	558	568		457	469	483	499	513	524						142	447		84			
Fresno	154	249	241	121	210	169	148			226		78	136	155	162	138	520	388	398		214	225	240	255	270	237						217	204		206			
Bakersfield	177	220	212	145	181	205	185			263	78		87	106	113	97	483	351	361		158	169	184	199	214	194						188	148		243			
Palmdale	240	226	218	205	194	254	234			294	136	87		68	75	83	447	457	468		122	133	148	163	178	188						200	112		310			
Sylmar	259	245	237	224	212	273	252			313	155	106	68		57	64	428	439	449		103	115	129	145	159	170						219	93		328			
Burbank	266	252	244	231	219	280	259			320	162	113	75	57		57	421	432	442		96	108	122	138	152	163						226	86		335			
LA Union Station	207	260	252	175	227	245	248			328	138	97	83	64	57		413	115	125		77	88	103	118	133	120						234	67		306			
Norwalk	700	686	678	665	663	695	675			648	520	483	447	428	421	413		413	424		459	470	485	500	515	518						670	449		663			
Anaheim	305	697	689	274	574	686	584			558	388	351	457	439	432	115	413		106		160	172	187	202	217	219						581	151		573			
Irvine	316	707	699	284	585	696	595			568	398	361	468	449	442	125	424	106			171	182	197	212	227	230						591	161		583			
East Gabriel Valley																																						
Ontario	298	307	298	264	267	307	327			457	214	158	122	103	96	77	459	160	171			62	76	92	106	117						274	60		472			
Riverside	309	318	310	275	279	319	338			469	225	169	133	115	108	88	470	172	182		62		65	80	95	105						286	71		484			
Temecula	324	333	324	290	294	333	353			483	240	184	148	129	122	103	485	187	197		76	65		65	80	90						300	86		498			
Escondiddo	340	348	340	305	309	349	369			499	255	199	163	145	138	118	500	202	212		92	80	65		65	75						316	101		514			
U City	354	363	355	320	324	363	383			513	270	214	178	159	152	133	515	217	227		106	95	80	65		60						331	116		529			
San Diego	310	373	365	278	334	355	355			524	237	194	188	170	163	120	518	219	230		117	105	90	75	60							341	126		428			
Visalia																																						
Los Banos																																						
Livermore																																						
Bernel																																						
Shinn																																						
Morgan Hll	94	80	72	59	55	192	172			142	217	188	200	219	226	234	670	581	591		274	286	300	316	331	341							265		158			
City of Industry	288	297	288	254	258	297	317			447	204	148	112	93	86	67	449	151	161		60	71	86	101	116	126						265			463			
Warm Springs																																						
Modesto	203	190	182	169	151	98	78			84	206	243	310	328	335	306	663	573	583		472	484	498	514	529	428						158	463					
Palo Alto																																						
Tracy ACE																																						
Livermore																																						

	SF TBT	Millbrae	RWC	SJ	Gilroy	Sacrament	Stockton	Tracy	Modesto	Merced	Fresno	Bakersfield	Palmdale	Sylmar	Burbank	LA Union S	Norwalk	Anaheim	Irvine	East Gabri	Ontario	Riverside	Temecula	Escondidd	U City	San Diego	Visalia	Los Banos	Livermore	Bernel	Shinn	Morgan Hl	City of Ind	Warm Spri	Modesto	Palo Alto	Tracy ACE	Livermore
SF TBT		82	90	120		155	218	120	326	342	194	206	278	297	304	224	976	369	379		338	350	364	380	394	333				63		328	201				
Millbrae	82		77	124		225	204	107	312	328	350	272	265	283	290	298	963	973	984		348	360	375	390	405	415				90		339	195				
RWC	90	77		115		216	196	98	304	320	341	264	256	275	282	290	954	965	975		340	352	366	382	396	407				81		330	187				
SJ	120	124	115			205	334	181	532	548	266	284	445	464	471	251	933	477	487		492	504	518	534	549	397				73		483	154				
Gilroy																																						
Sacramento	155	225	216	205			72	134	205	256	170	206	255	274	281	247	856	681	691		309	321	336	351	366	357				94		300	346				
Stockton	218	204	196	334		72		113	185	235	149	186	235	254	261	250	838	586	596		328	340	355	370	385	356				128		319	326				
Tracy	120	107	98	181		134	113		184	201	222	189	201	220	227	234	834	584	594		274	286	300	316	331	341				62		265	173				
Modesto	326	312	304	532		205	185	184		109	122	159	198	216	223	223	724	472	482		285	297	311	327	342	331				199		276	524				
Merced	342	328	320	548		256	235	201	109		114	150	182	200	207	215	708	456	466		269	281	295	311	326	336				215		260	540				
Fresno	194	350	341	266		170	149	222	122	114		78	136	155	162	138	682	388	398		214	225	240	255	270	237				124		204	561				
Bakersfield	206	272	264	284		206	186	189	159	150	78		87	106	113	97	645	351	362		158	169	184	199	214	194				147		148	475				
Palmdale	278	265	256	445		255	235	201	198	182	136	87		69	75	83	609	457	468		122	133	148	164	178	189				209		112	437				
Sylmar	297	283	275	464		274	254	220	216	200	155	106	69		57	64	590	439	449		103	115	129	145	160	170				227		94	456				
Burbank	304	290	282	471		281	261	227	223	207	162	113	75	57		57	583	432	442		96	108	122	138	153	163				234		87	463				
LA Union Station	224	298	290	251		247	250	234	223	215	138	97	83	64	57		560	113	123		77	88	103	118	133	120				174		67	471				
Norwalk	976	963	954	933		856	838	834	724	708	682	645	609	590	583	560		560	570		606	617	632	647	662	665				772		596	1228				
Anaheim	369	973	965	477		681	586	584	472	456	388	351	457	439	432	113	560		103		159	170	185	200	215	218				269		149	1624				
Irvine	379	984	975	487		691	596	594	482	466	398	362	468	449	442	123	570	103			169	181	195	211	225	228				280		159	1634				
East Gabriel Valley																																						
Ontario	338	348	340	492		309	328	274	285	269	214	158	122	103	96	77	606	159	169			62	76	92	107	117				266		60	612				
Riverside	350	360	352	504		321	340	286	297	281	225	169	133	115	108	88	617	170	181		62		65	80	95	105				277		71	624				
Temecula	364	375	366	518		336	355	300	311	295	240	184	148	129	122	103	632	185	195		76	65		66	80	90				292		86	638				
Escondiddo	380	390	382	534		351	370	316	327	311	255	199	164	145	138	118	647	200	211		92	80	66		65	75				307		101	654				
U City	394	405	396	549		366	385	331	342	326	270	214	178	160	153	133	662	215	225		107	95	80	65		60				322		116	668				
San Diego	333	415	407	397		357	356	341	331	336	237	194	189	170	163	120	665	218	228		117	105	90	75	60					278		126	679				
Visalia																																						
Los Banos																																						
Livermore																																						
Bernel	63	90	81	73		94	128	62	199	215	124	147	209	227	234	174	772	269	280		266	277	292	307	322	278						256	154				
Shinn																																						
Morgan Hll																																						
City of Industry	328	339	330	483		300	319	265	276	260	204	148	112	94	87	67	596	149	159		60	71	86	101	116	126				256			602				
Warm Springs	201	195	187	154		346	326	173	524	540	561	475	437	456	463	471	1228	1624	1634		612	624	638	654	668	679				154		602					
Modesto																																						
Palo Alto																																						
Tracy ACE																																						
Livermore																																						