Annual Usage Report for Automated License Plate Readers

City of San José

Reporting Year: January - December 2024

Owning department(s): San José Police Department
Department owner: Deputy Chief, Executive Officer

Context for Annual Usage Reports

The City annually reports on the usage and accuracy of its priority technologies that collect personal information. This document is prepared in coordination with the owning department and the City AI and Privacy Officer, and satisfies the required reporting detailed in the relevant Data Usage Protocol.[1]

1) Program Summary

Automated License Plate Readers (ALPRs) use high speed cameras to photograph vehicle license plates, which are used to identify if the vehicle is stolen or part of an ongoing investigation. The purpose of ALPR cameras is to improve criminal investigations and deter crime in the surrounding area.

2) Updates to Data Usage Protocol and Plans for Future Years

No updates to the Data Usage Protocol were made during the reporting period.

Before the end of 2023, a total of 149 Flock ALPR cameras were installed in various parts of the City. In an effort to further expand the ALPR network, the Department has requested camera access from other California police departments that also utilize Flock ALPR. Currently, the Department has access to 183 Flock ALPR networks outside of San Jose. In 2024, additional Flock ALPR cameras were deployed across the City in additional locations to combat organized retail crime, bringing the City's camera total to 474 devices.

[1] See all published Data Usage Protocols at: https://www.sanjoseca.gov/digitalprivacy

3) Reporting Metrics on Usage and Accuracy

a. Reads by location

This metric shows the number of plates read (i.e., number of photographs taken) by location by the ALPR system. Overall, 361,494,941 total reads occurred during 2024. A full table of reads and hits by street location is available in Appendix 1.

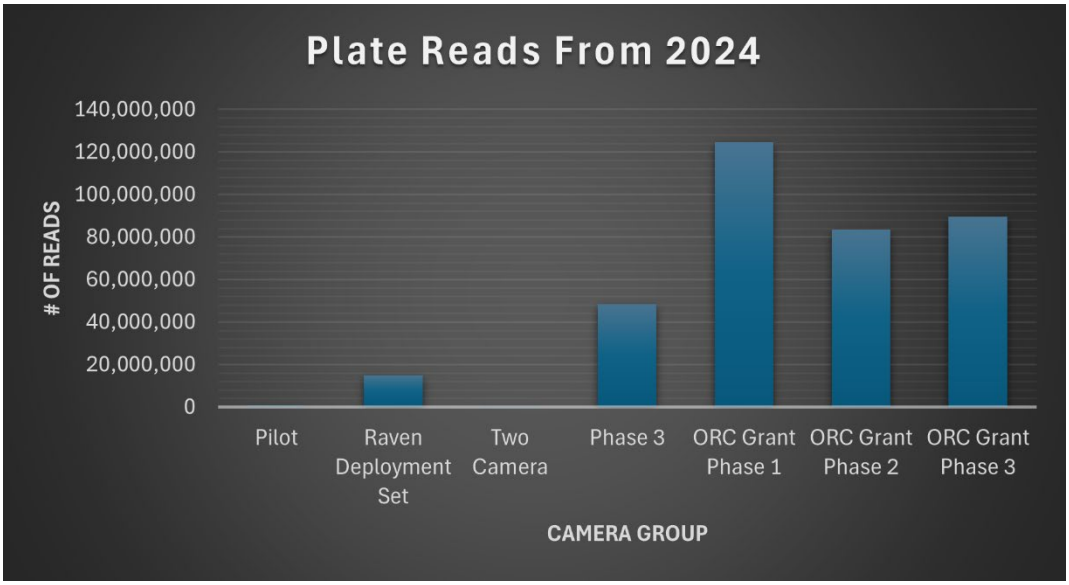

Figure 1: Number of reads by camera group.

b. Hits by location

This metric shows the number of "hits" by location. A "hit" is when the San José Police Department (SJPD) is alerted that a vehicle involved in an active investigation (i.e., on a "hotlist") has been identified by an ALPR camera. Overall, 923,159 total hits occurred during 2024. A full table of reads and hits by street location is available in Appendix 1.

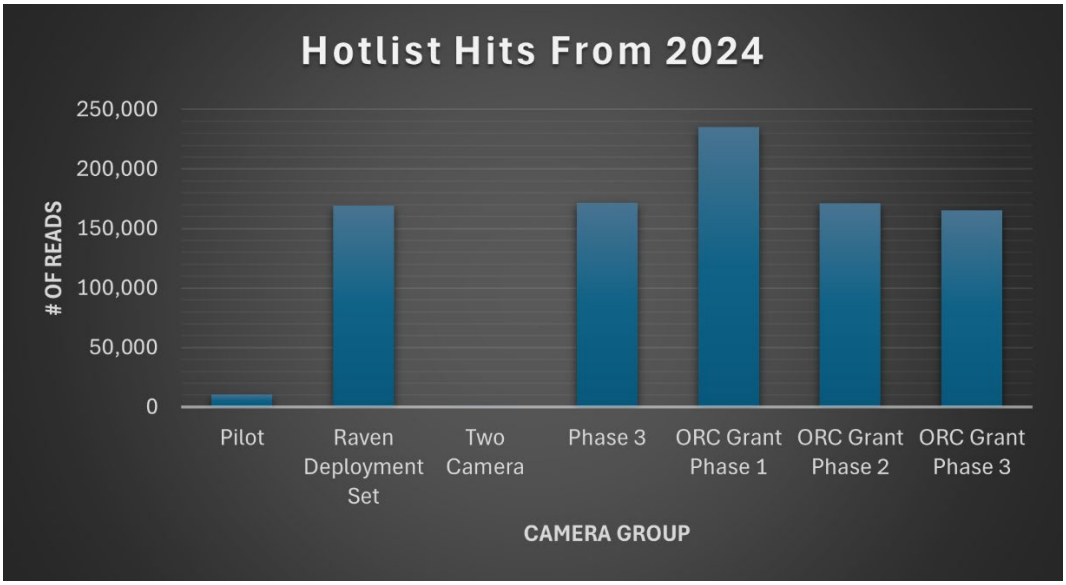

Figure 2: Number of hits by camera group.

c. Records Accessed by SJPD

SJPD accessed 181,631 records (e.g., photos) during 2024. This includes records from partner agencies, which are other law enforcement agencies in California.[2]

d. Accuracy of system

In 2023, the City AI and Privacy Officer conducted a study on the ALPR system and identified an accuracy rate of at least 80% under any weather conditions. The cameras and ALPR system have not changed since the study was conducted, so a new accuracy study was not required.

The table below details accuracy of the system as of the study date on March 1, 2024. These accuracy levels are comparable to other research.[3] An 80-90% accuracy rate is a reasonable level when combined with human verification, which is required for ALPR usage. The accuracy rate was lower at night and in unclear conditions (rainy or cloudy) when compared to the accuracy during the day in clear conditions. Increasing ALPR's accuracy rate at night is an area for future improvement.

Circumstances	# of Reads	# Correctly Read
At night when it is cloudy and/or raining	26	21 (81%)
At night with clear skies	177	154 (87%)
During the day when it is cloudy and/or raining	52	48 (92%)
During the day with clear skies	103	94 (91%)

Figure 3: Accuracy of ALPR reads in the field, measured on March 1, 2024.

[2] A full list of partner agencies can be found on San José Police Department's ALPR portal: https://transparency.flocksafety.com/san-jose-ca-pd

[3] While the space is limited in research, European agencies and companies have conducted some ALPR accuracy tests: https://sensorable.io/articles/anpr-accuracy-test/index.html, https://www.nedapidentification.com/insights/the-wide-range-of-anpr-solutions-calls-for-guidance-in-making-the-right-choice/, and https://www.researchgate.net/publication/261503938_Accuracy_of_automatic_number_plate_recognition_ANPR_and_real_world_UK_number_plate_problems

4) Compliance reporting

After reviewing all access logs, system accuracy, and summary of the program, the City AI and Privacy Officer finds SJPD in compliance with its Data Usage Protocol. In reviewing the network audit logs of SJPD, the City AI and Privacy Officer confirmed that all active users with access to SJPD ALPR data are California agencies.

Organization access logs also include a justification for each access. While most access logs included a case number, some instead provided a descriptive justification for access, such as “Stolen Vehicle”.

5) Conclusion

The ALPR system has been used in compliance with the Data Usage Protocol. The access controls and audit logs provide the City with comprehensive controls over who, how, and when people can access the data.

6) Recommendations

SJPD should continue education for officers on accurate data reporting when accessing the ALPR system. The City AI and Privacy Officer recommends that SJPD work with the vendor to include the zip code of the ALPR device in the data collected for plate reads and hotlist hits. This will allow for improved reporting by location in future Annual Usage Reports.

Additionally, the City AI and Privacy Officer recommends future research into the potential preventative effects of the ALPR system. In other words, study if areas with ALPR systems show a decrease in reported incidents relative to similar areas with no ALPR system.

Appendix 1: Table of 2024 Reads and Hits by Street Location

Streets	Reads	Hits
Curtner Ave WB @ Monterey	129127	2432
Tully Rd EB @ Monterey	99599	1815
Monterey Hwy NB @ Curtner	173957	2780
Monterey Hwy SB @ Curtner	215076	3688
Vine St SB @ Grant	261429	2416
First St SB @ Willow	129185	2823
Almaden Ave NB @ Grant	180128	1455
WB West Virginia St @ Harliss Ave	36339	744
Vine St SB @ Willow	92790	1579
Almaden Ave NB @ Edwards	220935	1701
Lucretia Ave NB @ Story	127600	1990
Lucretia Ave SB @ Vintage	128105	1370
McLaughlin Ave SB @ Audubon	172163	2508
McLaughlin Ave NB @ Story	900352	4780
Story Rd EB @ Via Ferrari	522278	6372
Story Rd WB @ Via Ferrari	601961	7168
Story Rd WB @ Lucretia	184271	3646
Story Rd EB @ Lucretia	284916	5481
McLaughlin Ave SB @ Melbourne	313648	5721
E William St WB @ S 19th	70386	700
S 24th St NB @ E William	100648	2867
Bonita Ave NB @ San Antonio	116237	1364
McLaughlin Ave NB @ Melbourne	197129	5101
McLaughlin Ave SB @ Sunny Ct	212873	4693
King Rd SB @ Hwy 680	802056	5089
King Rd NB @ Hwy 680	249957	5956
King Rd NB @ Everglade	489601	4308
King Rd SB @ Story	232160	3858
Story Rd WB @ King	359786	4024
Story Rd EB @ King	215814	4508
Story Rd EB @ Karl	238234	3693
Story Rd WB @ Karl	221367	3639
Lido Way WB @ King	141410	1624
Lido Way EB @ King	87080	1471
Hopkins Dr SB @ Kennedy	77975	2168
Story Rd EB @ Capitol	690686	7311
Story Rd WB @ Capitol	388841	7031
Story Rd EB @ Lyndale	159867	5289
Story Rd WB @ Lyndale	705230	6100
McGinness Ave SB @ Story	55584	798
McGinness Ave NB @ Story	217360	1482
Mervyns Way SB @ Capitol	40499	804
McGinness Ave SB @ Murtha	126837	880
Sundown Ln NB @ Monteagle	6708	46
Payne Ave WB @ Lexington	138133	1141
Payne Ave EB @ Essex	226561	1006
Payne Ave EB @ Greenbriar	48071	194
Payne Ave WB @ Greenbriar	42180	187
Winchester Blvd NB @ Payne	120097	2285
Winchester Blvd SB @ Payne	143708	1900
Winchester Blvd NB @ Colonial	326425	2149
Winchester Blvd SB @ W Rosemary	189288	1450
Eden Ave SB @ Impala	108107	676
Eden Ave NB @ Impala	114978	945
Hamilton Ave WB @ Beck	330182	1353
Hamilton Ave EB @ Beck	363836	1369
Hamilton Ave WB @ Leigh	414417	2140
Hamilton Ave EB @ Hurst	563159	2046
Sunset Ave SB @ Alexis Ct	27707	454

Streets	Reads	Hits
David Ave EB @ Monica Ln	33826	98
Winchester Blvd NB @ Payne	279863	2061
Roeder Rd NB @ Monterey	116197	2639
Roeder Rd SB @ Monterey	217621	1348
Gazania Dr SB @ Monterey	8022	21
Edenview Dr SB @ Monterey	98396	1100
Discovery Ave NB @ Grey Ghost	22472	129
Roeder Rd NB @ Grey Ghost	38695	458
Page Mill Dr NB @ Grey Ghost	7871	104
Edenview Dr NB @ Grey Ghost	32827	318
Monterey Rd NB @Gazania	182330	3087
Diana Ave SB @ Angie Ave	40271	410
McCreery Ave SB @ Story	100439	1934
Bonita Ave SB @ William	75833	900
Capitol Ave NB @ Murtha	34505	185
NB Harliss @ Willow	17195	245
NB S 22nd @ Citadelle	18796	160
Taglio Court WB @ Camden Ave	973	12
Gravina Loop EB @ Tennant Ave	2301	18
WB Brokaw Rd @ Old Oakland Rd	1449831	3252
SB Old Oakland Rd @ Brokaw Rd	292960	2139
EB Murphy Ave @ Old Oakland Rd	251662	2625
NB Old Oakland Rd @ Brokaw Rd	957289	2418
NB Almaden Expy @ Blossom Hill Rd	1105503	5580
WB Blossom Hill Rd @ Almaden Expy	2744754	2990
SB Almaden Expy @ Blossom Hill Rd	1777559	3031
EB Blossom Hill Rd @ Almaden Pkwy	319163	1476
NB Saratoga Ave @ Moorpark Ave	1886428	2865
WB Moorpark Ave @ Saratoga Ave	496036	1198
SB Saratoga Ave @ Moorpark Ave	770942	2194
EB Moorpark Ave @ Saratoga Ave	270598	1247
SB N First St @ Oakcrest Estates	1018296	1544
NB N First St @ Holger Way	516446	1739
NB N First St @ Cursor Ct	316898	952
SB N First St @ Hwt 237 On Ramp	461801	1254
SB N First St @ Holger Way	547704	1541
EB Holger Way @ N First St	323208	582
SB Lundy Ave @ Murphy Ave	224082	1432
WB Murphy Ave @ Lundy Ave	1269476	2719
NB Lundy Ave @ Hostetter Rd	144273	1033
EB Hostetter Rd @ Lundy Ave	192239	2338
EB Coleman Ave @ Newhall Dr	1861981	3636
WB Coleman Ave @ Newhall Dr	679732	2624
SB Newhall Dr @ Coleman Ave	274298	1539
EB Blossom Hill Rd @ Santa Teresa Blvd	797956	1871
NB Santa Teresa Blvd @ Blossom Hill Rd	521402	3324
WB Blossom Hill Rd @ Santa Teresa Blvd	329903	2455
SB Santa Teresa Blvd @ Blossom Hill Rd	164875	1515
SB Winchester Bl at Alyssum Ln	563174	2017
EB Stevens Creek Blvd @ Winchester Blvd	498394	2820
NB Saratoga Ave @ Prospect Rd	1442527	1736
WB Prospect Rd @ Saratoga Ave	442944	1236
SB Saratoga Ave @ Prospect Rd	875380	1061
EB Campbell Ave @ Saratoga Ave	681115	1652
SB Junction Ave @ Brennan St	156312	684
NB Junction Ave @ Brennan St	248117	608
EB Brennan St @ Junction Ave	47859	168
NB Monroe St @ Stevens Creek Blvd	284209	1040
WB Stevens Creek Blvd @ Monroe St	996705	4504
EB Stevens Creek Bl @ Monroe St	1235061	2809
SB Monroe St @ Stevens Creek Blvd	467029	601
SB Monroe St @ Forest Ave	240893	725

Streets	Reads	Hits
EB Forest Av @ Ciro Av	288929	1492
WB Forest Ave @ Monroe St	304511	1226
NB Monroe St @ Forest Ave	250931	406
SB Winchester Blvd @ Olin Ave	1085844	1873
NB Winchester Blvd @ Olin Ave	189329	2024
WB Olsen Dr @ Winchester Blvd	45533	98
SB Winchester Blvd @ Olsen Dr	151080	1811
EB Olsen Dr @ Winchester Blvd	190480	487
NB Winchester Blvd @ Olsen Dr	865337	1598
SB Snell Ave @ E Capitol Expy	482434	6028
NB Snell Ave @ E Capitol Expy	898657	3645
EB Capitol Expy @ Snell Ave	705313	6062
WB E Capitol Expy @ Snell Ave	355164	2807
WB Tully Rd @ King Rd	1343225	8815
SB King Rd @ Tully Rd	259133	1826
NB King Rd @ Tully Rd	399087	2173
EB Tully Rd @ King Rd	721550	5313
NB Capitol Ave @ McKee Rd	863371	3147
WB McKee Rd @ Capitol Ave	514350	6149
EB McKee Rd @ Capitol Ave	1484533	3904
SB Capitol Ave @ McKee Rd	250228	4199
SB Snell Ave @ Blossom Hill Rd	711327	1307
EB Blossom Hill Rd @ Snell Ave	1175514	2864
NB Snell Ave @ Blossom Hill Rd	434200	3760
WB Blossom Hill Rd @ Snell Ave	1835569	4191
WB Quimby Rd @ Capitol Expy	469614	3037
NB Capitol Expy @ Quimby Rd	1586434	3464
WB Stevens Creek Blvd @ Winchester Blvd	358848	2308
SB Santana Row @ Stevens Creek Blvd	89554	983
NB Coleman Ave @ Taylor	993816	4381
SB Coleman Ave @ Taylor	1871732	3050
EB W Taylor St @ Walnut St	1016032	2027
WB W Taylor St @ Coleman	325075	986
WB E Brokaw Rd @ NB Hwy 880 Off Ramp	2609918	3039
EB E Brokaw Rd @ NB HWY 880 Off Ramp	4192643	3501
EB E Brokaw Rd @ NB HWY 880 Off Ramp (Lane 1 & 2)	5087155	3964
EB Brokaw Rd @ N First St	616356	1784
WB E Brokaw Rd @ N First St	871672	2397
NB N First St @ Technology Pl	902366	1383
SB N First St @ Technology Pl	422410	1458
EB Technology Pl @ N First St	1504690	1875
EB Julian St @ N Almaden Blvd	822007	1281
EB Julian St @ Autumn Pkwy	1637293	2792
WB Julian St @ N Pleasant	454865	1814
EB Julian St @ Terraine St	596936	2359
EB McKee Rd @ NB HWY 101 Off Ramp	952310	6274
EB Julian St @ N 28th St	2906004	4741
WB McKee Rd @ N 33rd St	943205	2528
NB Old Oakland Rd @ Mabury Rd	1465141	6009
NB Old Oakland Rd @ Berryessa Rd	1548695	4144
SB Old Oakland Rd @ Commercial St	748254	3659
SB Old Oakland Rd @ Horning St	1832164	4350
NW Alameda @ Julian St	1766972	2553
EB Alameda @ Race St	919208	1540
SB Race St @ Alameda	524693	1958
NB Bascom @ Stevens Creek	554623	2654
SB Bascom Ave @ Stevens Creek	1430974	2486
EB Stevens Creek @ Bascom Ave	1037964	1957
WB Stevens Creek Blvd @ Bascom Ave	441435	1964
NB Bird Ave @ West Virginia St	419694	1378
NB Bird Ave @ Auzerais Ave	516576	2572
SB Bird Ave @ Auzerais Ave	1329278	2099

Streets	Reads	Hits
SB Bird Ave @ Hulet St	1399041	3020
WB Curtner Ave @ Communications Hill	764064	6356
WB Curtner Av at SB 87 to Curtner Ramp	831471	3719
WB San Carlos @ Meridian Ave	200880	1462
EB Curtner Ave @ Unified Way	3486529	6764
NB Meridian Ave @ San Carlos	165478	819
SB Meridian Ave @ San Carlos	330982	1851
NB Saratoga Ave @ Williams Rd	532312	2366
EB Hillsdale Ave @ Jenkins Ave	21992	46
SB Saratoga Ave @ Williams Rd	2340674	2698
EB Williams Rd @ Oakmont Pl	197594	422
WB Williams Rd @ Saratoga Ave	252037	492
NB McLaughlin Ave @ Tully Rd	1312814	2554
SB McLaughlin Ave @ Tully Rd	658056	2330
EB Tully Rd @ McLaughlin	628167	5543
WB Tully Rd @ McLaughlin	3342725	5132
EB Yerba Buena Rd @ McLaughlin	1117721	2237
EB Yerba Buena Rd @ Dovehill Rd	1790345	2397
EB Cherry Ave @ Almaden Expy	280179	1016
WB Cherry Ave @ Almaden Expy	243447	755
NB Silicon Valley Blvd @ NB Hwy 101 Off Ramp	1243562	1253
NB Bernal Rd @ SB Hwy 101 On Ramp	276490	1555
SB Bernal Rd @ Rue Ferrari	321846	1132
SB Bernal Rd @ SB Hwy 85 Off Ramp	1013786	2884
WB Silver Creek Valley Rd @ Coyote Rd	679735	769
EB Blossom Hill Rd @ SB Hwy 101 On Ramp	1864486	2436
NB Cottle Rd @ Beswick Dr	1715585	2064
SB Cottle Rd @ Beswick Dr	2657158	2860
NB Ross Ave @ Hillside Ave	1042214	853
SB Ross Ave @ Hillside Ave	967393	1011
EB Hillsdale Ave @ Ross Ave	1528411	1584
WB Hillsdale Ave @ Ross Ave	1597209	1665
NB Cottle Rd @ Santa Teresa	2178611	1601
SB Cottle Rd @ Santa Teresa Blvd	360506	1027
EB Santa Teresa Blvd @ Cottle Rd	1487874	1018
WB Santa Teresa Bllvd @ Cottle Rd	1258254	790
NB Santa Teresa Blvd @ SB Hwy 85 On Ramp	2420235	3754
WB Yerba Buena Rd @ NB Hwy 101 On Ramp	2533794	3232
SB Santa Teresa Blvd @ SB Hwy 85 Off Ramp	3567291	4737
NB White Rd @ Aborn Rd	203266	2195
SB San Felipe Rd @ Aborn Rd	1412735	1284
EB Aborn Rd @ San Felipe Rd	869227	631
WB Aborn Rd @ White Rd	2703782	3495
NB Capitol Ave @ Alum Rock	708512	1752
SB Capitol Ave @ Alum Rock	849718	2420
EB Alum Rock Ave @ Capitol	2461707	4797
WB Alum Rock Ave @ Alexander Ave	1680424	1989
NB Capitol Ave @ Berryessa Rd	1215920	2364
SB Capitol @ Berryessa Rd	1719182	3058
EB Berryessa Rd @ Capitol	455936	1794
WB Berryessa Rd @ Capitol	3012190	3257
NB Capitol @ NB Hwy 680 On Ramp	401351	1654
SB Capitol @ Hostetter	344721	1023
WB Hostetter Rd @ Capitol	615443	1229
WB Capitol Expy @ NB Hwy 101 On Ramp	4117791	5922
WB Capitol Expy @ SB Hwy 101 On Ramp	1777079	2750
EB Capitol Expy @ SB Hwy 101 On Ramp	1020670	5132
EB Capitol Expy @ NB Hwy 101 On Ramp	2817912	6224
NB San Felipe Rd @ Yerba Buena	1346528	1023
SB San Felipe Rd @ Yerba Buena	1092067	706
EB Yerba Buena Rd @ San Felipe	438140	417
WB Yerba Buena Rd @ San Felipe	1595431	1081

Streets	Reads	Hits
NB Flickinger Ave @ Berryessa	412645	685
SB N Jackson Ave @ Berryessa	854211	977
EB Berryessa Rd @ Pepper Rd	1108619	1456
WB Berryessa Rd @ Junesong Way	25684	87
NB N First St @ Montague	1329590	1198
WB Reed @ Almaden	334819	1056
SB 1st @ Margaret St	602951	1638
SB N First St @ Montague Expy	868399	977
NB Flickinger Ave @ Hostetter Rd	132217	160
SB Flickinger Ave @ Hostetter	305037	700
EB Hostetter Rd @ Flickinger	1253469	1728
WB Hostetter Rd @ Flickinger	1517523	1919
EB Gish Rd @ Industrial	803886	1144
SB Old Bayshore @ Gish Rd	456920	1291
NB Old Bayshore @ Gish Rd	695598	1712
NB Old Bayshore @ 101 On Ramp	765749	1728
NB 24th St @ Santa Clara	291577	739
EB Santa Clara St @ N 24th St	939892	2790
WB Santa Clara St @ 24th St	499558	1960
S 24th St @ San Fernando St	555926	1289
NB 13th St @ Taylor St	974894	3620
EB Taylor St @ 13th St	593110	1363
WB Taylor St @ 13th St	906204	1356
SB 13th St @ Mission St	789791	2853
NB Senter Rd @ Tully Rd	908981	1650
SB Senter Rd @ Tully Rd	1171533	3174
EB Tully Rd @ Senter Rd	1481927	3825
WB Tully Rd @ Senter Rd	1072565	3129
NB Senter Rd @ Southside Dr	1236807	3952
SB Senter Rd @ Buckeye	863016	2620
SB Senter Rd @ Capitol Expy	686550	1848
NB Senter & Cedro	891544	2404
NB Monterey Hwy @ Rancho Dr	972323	3244
SB Monterey Hwy @ Capitol Expy	786371	3358
NB Monterey & Southside	1126543	4140
SB Monterey & Southside	1212452	4014
NB Meridian Ave @ Fruitdale	1818483	2258
SB Meridian Ave @ Fruitdale	1136288	1715
NB Meridian Ave @ Parkmoor	654203	1127
NB Southwest Expy @ Fruitdale	1077190	2724
SB Southwest Expy @ Fruitdale	560867	1302
EB Fruitdale Ave @ Southwest Expy	407555	997
NB Bird Ave @ Minnesota Ave	92459	283
EB Moorpark Ave @ Shearton	549879	740
EB Bird Ave @ Minnesota Ave	56168	339
EB Williams Rd @ San Tomas Expy	280181	357
WB Williams Rd @ San Tomas Expy	402642	439
NB Bascom Ave @ Southwest Expy	893657	1307
SB Bascom Ave @ Southwest Expy	1141563	1603
EB Southwest Expy @ Bascom Ave	309180	509
WB Blossom Hill Rd @ Beswick Dr	1093635	2286
EB Blossom Hill Rd @ Beswick Dr	1809886	3010
SB Beswick Dr @ Blossom Hill	441567	703
NB Hellyer Ave @ Silver Creek Valley Rd	227564	213
SB Hellyer Ave @ Silver Creek Valley Rd	333809	328
EB Silver Creek Valley Rd @ Hellyer	668184	745
WB Silver Creek Valley Rd @ Hellyer	379752	469
WB Branham Ln @ Snell Ave	646881	1592
SB Snell Ave @ Branham Ln	826788	2043
EB Branham Ln @ Snell Ave	439337	1178
NB Snell Ave @ Branham Ln	694223	2181
NB Monterey Hwy @ Bailey On Ramp	453279	568

Streets	Reads	Hits
WB Bailey Ave @ Monterey Hwy	755843	902
EB Bailey Ave @ Monterey Hwy	619615	879
NB Bernal Rd @ San Ignacio	1266611	2055
SB Bernal Rd @ San Ignacio	587274	1321
WB San Ignacio Ave @ Bernal	664793	949
NB Snell Ave @ Shawcroft	542159	491
SB Snell Ave @ Santa Teresa	356214	136
EB Santa Teresa Blvd @ Snell	521515	390
WB Santa Teresa Blvd @ Snell	107452	52
SB Camden Ave @ Michon	1900636	1983
NB Camden Ave @ Branham	848090	788
EB Branham Ln @ Camden	1184577	1029
WB Branham Ln @ Camden	119095	119
NB Capitol Expy @ Tully Rd	937440	2408
SB Capitol Expy @ Tully Rd	613056	499
EB Tully Rd @ Capitol Expy	1447969	2225
WB Tully Rd @ Capitol Expy	1069615	2354
NB Capitol Ave @ Westboro Dr	912536	2301
SB Capitol Expy @ Capitol Ave	790921	800
WB Capitol Expy @ Capitol Ave	2634402	4515
NB Silver Creek Rd @ Capitol Expy	144994	366
SB Silver Creek Rd @ Capitol Expy	874441	2268
EB Capitol Expy @ Silver Creek	47920	169
WB Capitol Expy @ Silver Creek	781608	1826
NB King Rd @ Alum Rock	876485	2123
SB King Rd @ Alum Rock	939250	2341
WB Alum Rock Ave @ 34th St	899710	2421
EB Alum Rock Ave @ Eastgate Ave	550897	2326
NB Jacson Ave @ McKee Rd	624080	956
WB McKee Rd @ Jackson	1143894	2487
SB Jackson Ave @ McKee	652633	1403
EB McKee Rd @ Jackson	1576493	2782
NB White Rd @ Marten	1261819	2876
SB White Rd @ Marten	774380	2086
EB Marten Ave @ White	658979	1015
WB Ocala Ave @ White Rd	845397	1117
NB White Rd @ Alum Rock	968352	2566
SB White Rd @ Alum Rock	1751273	3854
WB Alum Rock Ave @ White	1548570	3285
EB Alum Rock Ave @ White	981573	2040
SB Monterey Hwy @ Bailey Ave	834848	1303
NB 1st St @ Burton Ave	1077239	2183
N 1st @ SB 880 On Ramp	399555	1318
SB N 1st St @ Burton Ave	1454054	2427
WB Julian St @ N 11th St	379436	984
NB N 11th St @ E Julian St	387895	1422
EB Julian St @ 12th St	698820	1053
NB N 11th St @ E Saint James St	468111	1435
EB Mabury Rd @ King Rd	463558	840
NB King Rd @ Mabury Rd	557264	1656
WB Mabury Rd @ King Rd	748650	1683
SB King Rd @ Mabury Rd	695611	1866
NB Lundy Ave @ Berryessa Rd	502480	854
WB Berryessa Rd @ Lundy Ave	1110632	2521
SB Lundy Ave @ Berryessa Rd	550440	1224
EB Berryessa Rd @ Lundy Ave	801331	1656
SB S 4th St @ E San Fernando St	221068	504
EB E Santa Clara St @ S 4th St	928397	2228
WB E Santa Clara St @ N 5th St	335807	1322
NB N 11th St @ E Santa Clara St	311362	919
SB S 10th St @ E Santa Clara St	1055300	2253
EB E Santa Clara St @ N 12th St	602041	1968

Streets	Reads	Hits
WB Santa Clara St @ N 10th St	864869	2065
NB S 10th St @ Keyes St	1809799	3929
NB S 11th St @ E Virginia St	1604344	3045
SB S 10th St @ NB 280 On Ramp	1925780	4335
WB Williams Rd @ Winchster Blvd	227314	644
SB Winchester Blvd @ Williams Rd	658467	1476
EB Williams Rd @ Winchester Blvd	110375	254
NB Winchester Blvd @ Williams Rd	698720	1477
WB W Alma Ave @ Monterey Hwy	679295	1902
NB S First St @ Alma Ave	788520	2474
SB Montery Hwy @ Cottage Grove	346774	2467
EB E Alma Ave @ First St	646122	1542
SB Senter Rd @ Keyes St	714306	2126
WB Keyes St @ Senter Rd	182943	1061
EB Story Rd @ Senter Rd	993253	3017
EB Willow St @ Lincoln Ave	509241	1324
WB Willow St @ Lincoln Ave	298659	620
NB Lincoln Ave @ Willow St	1056562	1932
SB Lincoln Ave @ Lincolnshire Wy	474415	1143
NB Lucretia Ave @ Deer Meadow Ct	699459	1520
WB Summerside Dr @ Lucretia Ave	130878	150
SB Lucretia Ave @ Tully	479655	1499
EB Sumerside Dr @ McLaughlin Ave	169011	723
EB West Virginia St @ Prevost St	72568	435
WB West Virginia St @ Prevost St - Will need Tree Trimming	246479	613
NB Santa Teresa Blvd @ Coleman Rd	599973	565
EB Coleman Rd @ Almaden Expy	1151888	1047
SB Santa Teresa Blvd @ Coleman Rd	648088	677
WB Coleman Rd @ Almaden Expy	606281	618
SB Almaden Rd @ Curtner Ave	414319	1069
EB Curtner Ave @ Almaden Rd	980001	2057
NB Almaden Rd @ Curtner Ave	605320	1765
WB Curtner Ave @ Coastland Ave	846135	1615
NB Peal Ave @ Branham Ln	577832	1087
WB Branham Ln @ Pearl Ave	618434	1257
SB Pearl Ave @ Branham Ln	686723	1531
EB Branham Ln @ Meadowhurst Ct	650065	1413
NB Meridian Ave @ Curtner Ave	1553609	1678
WB Curtner Ave @ Meridian	969011	1265
SB Meridian Ave @ Curtner Ave	943003	1230
EB Curtner Ave @ Briarwood Dr	446864	993
NB Meridian Ave @ Blossom Hill Rd	612756	499
EB Blossom Hill Rd @ Meridian	244239	172
SB Meridian Ave @ Blossom Hill	852592	487
WB Blossom Hill Rd @ Dent Ave	467055	606
NB Bernal Rd @ Santa Teresa Blvd	609387	915
WB Santa Teresa Blvd @ Bernal Rd	449390	444
EB Santa Teresa Blvd @ Banff Springs Wy	536872	721
SB Bernal Rd @ Santa Teresa Blvd	195115	586
EB Hillsdale Ave @ Quarry Park Dr	150170	120
WB Hillsdale Ave @ Tower Hill Ave	568644	1253
WB Cropley Ave @ Morrill Ave	732853	670
EB Cropley Ave @ Morill Ave	524511	386
SB Morill Ave @ Cropley Ave	606863	750
NB Piedmont Rd @ Hostetter Rd	617737	534
SB Piedmont Rd @ Salinas Ct	600590	539
WB Hostetter Rd @ Piedmont Rd	292833	203
EB Hostetter Rd @ Piedmont Rd	130861	77
EB Capitol Expy @ S Jackson Ave	366364	1117
SB Jackson Ave @ San Antonio St	910538	2612
NB S Jackson Ave @ Capitol Expy	778160	2195
WB San Antonio St @ Capitol Expy	623766	1857

Streets	Reads	Hits
SB White Rd @ McKee Rd	950734	2239
EB McKee Rd @ Eastside Dr	423562	1282
NB White Rd @ McKee Rd	567085	1332
WB McKee Rd @ White Rd	1781858	2463
NB Piedmont Rd @ Penitencia Creek Rd	655214	959
EB Penitencia Creek Rd @ Gridley St	312783	371
WB Penitencia Creek Rd @ N White Rd	294961	362
NB S White Rd @ Tully Rd	616991	1483
WB Tully Rd @ S White Rd	994262	1593
SB S White Rd @ S White Rd	383665	1002
EB Yerba Buena Rd @ Nieman Blvd	728825	954
NB Nieman Blvd @ Yerba Buena Rd	225297	356
WB Yerba Buena Rd @ Nieman Blvd	965044	1297
SB Nieman Blvd @ Yerba Buena Rd	516533	662
WB Landess Ave @ Morrill Ave	1999397	1882
SB N White Rd @ Penitencia Creek Rd	319963	592
EB Tully Rd @ S White Rd	416024	1260
SB S 10th St @ EB 280 Off Ramp	1100158	2645
NB Morrill Ave @ Cropley Ave	664999	649
NB Winchester @ Moorpark Ave	1977352	1643
WB Moorpark Ave @ Winchester Blvd	689867	846
SB Winchester Blvd @ Moorpark Ave	1191324	1854
EB Minnesota Ave @ Bird Ave	143139	428
NB Hostetter Rd @ Lundy Ave	1086402	1415
EB Lundy Ave @ Hostetter Rd	135754	125
EB Aborn Rd @ San Felipe Rd	648922	647
NB San Felipe Rd @ Aborn Rd	871087	1658
NB N 1st St @ Nortech Pkwy	241082	400
SB N 1st St @ Nortech Pkwy	720918	862
NB Camden Ave @ Almaden Expwy	1759697	3209
SB Monterey Rd @ Blossom Hill Rd	825500	1616
EB Story Rd @ Stonehedge Wy	1504880	3452
EB Camden Ave @ Almaden Expy	573952	258
NB Almaden Expy @ Camden Ave	1897777	1158
EB Almaden Expy @ Camden Ave	1213298	990
SB Camden Ave @ Almaden Expy	571564	409
NB Branham Ln @ Monterey Hwy	16092	56
SB Branham Ln @ Monterey Hwy	692080	1118
EB Reed St @ S 4th St	811377	1544
EB Reed St @ S 4th St	745437	1315
SB 4th St @ E San Salvador St	181903	398
EB Quimby Rd @ Capitol Expy	1565144	2119
SB Capitol Expy @ Quimby	1894752	3425
SB N Jackson Ave @ Berryessa	50629	74
EB Gish Rd @ Industrial	37417	44
NB King Rd @ Alum Rock	54465	138
SB King Rd @ Alum Rock	69116	147
SB N 1st St @ Burton Ave	4839	73
NB Lundy Ave @ Berryessa Rd	1214	15